SAN BERNARDINO INTERNATIONAL AIRPORT AUTHORITY

REGULAR MEETING AGENDA

WEDNESDAY, MAY 27, 2026

5:00 PM

MAIN AUDITORIUM – Norton Regional Event Center, 1601 East Third Street, San Bernardino, CA

A regional joint powers authority dedicated to the reuse of Norton Air Force Base for the economic benefit of the East Valley

Penny Lilburn, President
Mayor, City of Highland
Joe Baca, Jr., Vice President
Supervisor, County of San Bernardino
Theodore Sanchez, Secretary
Councilmember, City of San Bernardino

COMMISSION MEMBERS:
Frank J. Navarro
Mayor, City of Colton
Rhodes Rigsby
Councilmember, City of Loma Linda
Kim Knaus
Councilmember, City of San Bernardino

ALTERNATE COMMISSION MEMBERS:
Dawn Rowe
Supervisor, County of San Bernardino
Phillip Dupper
Mayor, City of Loma Linda
John Echevarria
Councilmember, City of Colton
Jimmy Saldana
Mayor Pro Tem, City of Highland
Fred Shorett
Councilmember, City of San Bernardino

- *Full agenda packets are available at the SBIAA office, 1601 East Third Street, San Bernardino, California, will be provided at the meeting, and are posted in the Public Meetings/Agenda section of our website at www.sbiaa.org. Office hours are 8:00 a.m. to 5:00 p.m., Monday–Friday.*
- *Recordings of the SBIAA Commission meetings are available in the Public Meetings/Agenda section of our website at www.sbiaa.org.*
- *In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the SBIAA office at (909) 382–4100. Notification 48 hours prior to the meeting will enable SBIAA staff to make reasonable arrangements to ensure accessibility to this meeting.*
- *Anyone who wishes to speak during public comment or on a particular item will be requested to fill out a speaker slip. Prior to speaking, speaker slips should be turned in to the Clerk of the Board.*
- *Public comments for agenda items that are not public hearings will be limited to three minutes.*
- *Public comments for items that are not on the agenda will be limited to three minutes.*
- *The three–minute limitation shall apply to each member of the public and cannot be shared.*
- *An additional three minutes will be allotted to those who require translation services.*

ORDER OF BUSINESS – CLOSED SESSION

This meeting of the governing Commissions of the San Bernardino International Airport Authority will begin with Closed Session Public Comment and Closed Session, immediately followed by the Open Session portion of the meeting.

- **CALL TO ORDER**
- **CLOSED SESSION PUBLIC COMMENT**
- **LEGAL COUNSEL RECITES CLOSED SESSION ITEMS**
- **RECESS TO CLOSED SESSION**

A. **CALL TO ORDER / ROLL CALL**

B. **CLOSED SESSION PUBLIC COMMENT**
The Closed Session Public Comment portion of the San Bernardino International Airport Authority Commission meeting is limited to a maximum of three minutes for each speaker and comments will be limited to matters appearing on the Closed Session portion of the agenda. Additional opportunities for further Public Comment will be given during and at the end of the meeting. An additional three minutes will be allotted to those who require translation services.

C. **CLOSED SESSION**
An announcement is typically made prior to closed session discussions as to the potential for a reportable action at the conclusion of closed session.

a. Conference with Real Property Negotiator Pursuant to Government Code Section 54956.8
Property: 105 North Leland Norton Way, San Bernardino CA 92408
Negotiating Parties: Michael Burrows, SBIAA Chief Executive Officer and Betty Lui, Transportation Security Administration (TSA)

b. Conference with Real Property Negotiator Pursuant to Government Code Section 54956.8
Property: 2235 East Perimeter Road, San Bernardino CA 92408
Negotiating Parties: Michael Burrows, SBIAA Chief Executive Officer and Kevin Horan, SBRETC

c. Conference with Real Property Negotiator Pursuant to Government Code Section 54956.8
Property: 275 N. Leland Norton Way, San Bernardino CA 92408
Negotiating Parties: Michael Burrows, SBIAA Chief Executive Officer and Mike Allen, Executive Vice President, Bulk Fuel Sales, Titan Aviation Fuels

d. Conference with Legal Counsel pursuant to Gov. Code 54956.9(d) – significant exposure to litigation: two cases

e. Conference with Labor Negotiators Pursuant to Government Code Section 54957.6.

The SBIAA Commission will meet with its duly designated representative to discuss salaries, salary schedules and compensation, and fringe benefits payable to the following non-represented positions specified by title.

Negotiating for SBIAA: President Penny Lilburn
Position Title: Chief Executive Officer

D. **REPORT ON CLOSED SESSION**

Public announcement(s) will be made following closed session if there are any reportable actions taken during closed session.

ORDER OF BUSINESS – OPEN SESSION

- **CALL TO ORDER OPEN SESSION**
- **PLEDGE OF ALLEGIANCE**

E. **ITEMS TO BE ADDED OR DELETED**

Pursuant to Government Code Section 54954.2, items may be added on which there is a need to take immediate action, and the need for action came to the attention of the San Bernardino International Airport Authority Commission subsequent to the posting of the agenda.

F. **CONFLICT OF INTEREST DISCLOSURE**

1. POSSIBLE CONFLICT OF INTEREST ISSUES FOR THE SAN BERNARDINO INTERNATIONAL AIRPORT AUTHORITY (SBIAA) COMMISSION MEETING OF MAY 27, 2026
   [PRESENTER: Jillian Ubaldo, Assistant Secretary of the Commission **PAGE#: 007]**

G. **INFORMATIONAL ITEMS**

It is intended that the following subject matters and their attachments are submitted to the Board members for informational purposes only. No action is required with regard to these items in the form of a receive–and–file motion or otherwise. Members may inquire of staff as to any questions or seek clarifications, but no discussion may ensue other than to place an item on a subsequent agenda for further consideration. In such situations where permissible levels of discussion are conducted, members are reminded that staff has not presented the related contractor and interested parties conflicts of interest disclosures that are typically provided for agenda items for which action is intended to occur. Additionally, questions may arise as to negotiation strategies or other legal issues which are more appropriately addressed in a closed session discussion.

2. Informational Items

   a. CHIEF EXECUTIVE OFFICER'S REPORT
      [PRESENTER: Michael Burrows, Chief Executive Officer **PAGE#: 023]**

   b. LUXIVAIR WORLD CUP WATCH PARTY
      [PRESENTER: Michael Burrows, Chief Executive Officer **PAGE #: 024]**

H. **COMMISSION CONSENT ITEMS**

The following consent items are expected to be routine and non-controversial and will be acted upon by the Committee at one time unless the Board directs that an item be held for further discussion.

3. REGISTER OF DEMANDS FOR APRIL 2026
   [PRESENTER: Mark Cousineau, Director of Finance **PAGE#: 025]**

4. RECEIVE AND FILE TREASURER'S REPORT FOR MARCH 31, 2026 FOR THE SAN BERNARDINO INTERNATIONAL AIRPORT AUTHORITY (SBIAA)
   [PRESENTER: Mark Cousineau, Director of Finance **PAGE#: 034]**

5. AUTHORIZE STAFF TO ADVERTISE A REQUEST FOR QUALIFICATIONS FOR DESIGN BUILD SERVICES FOR THE PHASE II - GENERAL AVIATION HANGAR DEVELOPMENT PROJECT
   [PRESENTER: Michael Burrows, Chief Executive Officer **PAGE#: 037]**

6. AUTHORIZE STAFF TO ADVERTISE THE IRP 2 LANDFILL SURFACE REPAIR (PHASE II) PROJECT
   [PRESENTER: Jeff Barrow, Director of Development **PAGE#: 048]**

7. APPROVE CHANGE ORDER NO. 1 WITH R&R B INC. DBA SERVPRO OF CHINO/CHINO HILLS FOR $6,578.80 FOR A TOTAL CONTRACT AMOUNT OF $187,020.45 FOR ADDITIONAL WORK RELATED TO THE BUILDING 759: RESTROOMS IMPROVEMENTS PROJECT; APPROVE THE FILING OF A NOTICE OF COMPLETION FOR THIS CONTRACT AND AUTHORIZE THE RELEASE OF RETAINED FUNDS
   [PRESENTER: Jeff Barrow, Director of Development **PAGE#: 107]**

8. APPROVE THE FILING OF A NOTICE OF COMPLETION WITH LEONIDA BUILDERS, INC. FOR THE RE-BID AIRFIELD CANOPIES & UNDERGROUND SERVICE PIT PROJECT AND AUTHORIZE THE RELEASE OF RETAINED FUNDS
   [PRESENTER: Jeff Barrow, Director of Development **PAGE#: 124]**

9. APPROVE AN AGREEMENT WITH CAL-STRIPE, INC. IN THE AMOUNT OF $63,430 WITH A 10% CONTINGENCY BUDGET FOR A TOTAL NOT TO EXCEED AMOUNT OF $69,773 FOR AIRFIELD MARKINGS AND STRIPING PAINT SERVICES
   [PRESENTER: Jonathan Galvan, Airport Manager **PAGE#: 127]**

10. APPROVE DECLARATION OF CERTAIN AIRPORT VEHICLES AND EQUIPMENT AS SURPLUS
    [PRESENTER: Jonathan Galvan, Airport Manager **PAGE#: 144]**

11. APPROVE MEETING MINUTES: APRIL 22, 2026
    [PRESENTER: Jillian Ubaldo, Assistant Secretary of the Commission **PAGE#: 147]**

I. COMMISSION ACTION ITEMS

12. CONDUCT A FISCAL YEAR 2026/27 BUDGET WORKSHOP
    [PRESENTER: Mark Cousineau, Director of Finance **PAGE#: 155]**

13. PROPOSED AMENDMENT TO COMMISSIONER STIPENDS FOR REGIONAL ALIGNMENT
    [PRESENTER: Michael Burrows, Chief Executive Officer **PAGE#: 156]**

14. APPROVE AWARD OF A CONSTRUCTION CONTRACT WITH CT&T CONCRETE PAVING INC. IN AN AMOUNT NOT TO EXCEED $2,031,042 FOR THE RECONSTRUCT NORTH AIRCRAFT RAMP PROJECT; SUBJECT TO FINAL GRANT AWARD BY THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL AVIATION ADMINISTRATION (FAA)
    [PRESENTER: Mark Gibbs, Director of Aviation **PAGE#: 168]**

15. APPROVE AWARD OF A PROFESSIONAL SERVICES AGREEMENT WITH AECOM TECHNICAL SERVICES, INC. IN AN AMOUNT NOT TO EXCEED $525,089 FOR THE RECONSTRUCT NORTH AIRCRAFT RAMP PROJECT; SUBJECT TO FINAL GRANT AWARD BY THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL AVIATION ADMINISTRATION (FAA)
    [PRESENTER: Mark Gibbs, Director of Aviation **PAGE#: 171]**

16. APPROVE PROCUREMENT OF A NEW STRIKER 6X6 3,000-GALLON AIRCRAFT RESCUE AND FIRE FIGHTING (ARFF) VEHICLE FROM OSHKOSH AIRPORT PRODUCTS, A DIVISION OF PIERCE MANUFACTURING, INC. (OSHKOSH) IN AN AMOUNT NOT TO EXCEED $1,395,335
[PRESENTER: Mark Gibbs, Director of Aviation **PAGE#: 218]**

17. AWARD A DESIGN BUILD CONSTRUCTION CONTRACT TO BOGH ENGINEERING IN AN AMOUNT NOT TO EXCEED $200,000 FOR THE PHASE I – SBD ABOVE AND BEYOND PROJECT
[PRESENTER: Jeff Barrow, Director of Development **PAGE#: 273]**

18. APPROVE THE FORM OF A LEASE AGREEMENT WITH TOTAL HYDROGEN DEVELOPMENT
[PRESENTER: Michael Burrows, Chief Executive Officer **PAGE#: 334]**

19. CONSIDER AND DISCUSS THE SBD GOOD NEIGHBOR PROGRAM FIRST QUARTER 2026 REPORT
[PRESENTER: Mark Gibbs, Director of Aviation **PAGE#: 367]**

20. CONSIDER AND ADOPT A BUSINESS PLAN UPDATE (2026-2031)
[PRESENTER: Michael Burrows, Chief Executive Officer **PAGE#: 395]**

21. REVIEW STATUS OF THE ACTION PLAN FOR THE SAN BERNARDINO INTERNATIONAL AIRPORT AUTHORITY (SBIAA) THROUGH JUNE 30, 2026
[PRESENTER: Michael Burrows, Chief Executive Officer **PAGE#: 423]**

J. **ADDED AND DEFERRED ITEMS**

Deferred Items and Items which have been added pursuant to Government Code Section 54954.2 as noted above in Section E.

K. **OPEN SESSION PUBLIC COMMENT**

Anyone who wishes to speak during Open Session Public Comment will be requested to fill out a speaker slip. Prior to speaking, speaker slips should be given to the Clerk of the Board. Public comments for items that are not on the agenda will be limited to three minutes. The three–minute limitation shall apply to each member of the public and cannot be shared with other members of the public. An additional three minutes will be allotted to those who require translation services.

L. **COMMISSION MEMBER COMMENT**

Commission members may make announcements or give brief reports on activities or matters not appearing on the agenda, as well as provide direction to staff relating to matters which may be addressed at this time.

M. **ADJOURNMENT**

Unless otherwise noted, this meeting will be adjourned to the next regularly scheduled meeting of the San Bernardino International Airport Authority Commission, Wednesday, June 24, 2026.

	TO: San Bernardino International Airport Authority Commission **DATE: May 27, 2026** **ITEM NO: 1** **PRESENTER: Jillian Ubaldo, Assistant Secretary of the Commission**

SUBJECT: POSSIBLE CONFLICT OF INTEREST ISSUES FOR THE SAN BERNARDINO INTERNATIONAL AIRPORT AUTHORITY (SBIAA) COMMISSION MEETING OF MAY 27, 2026

SUMMARY

This agenda contains recommendations for action relative to certain contractors/principals and their respective subcontractors. Care should be taken by each Commission member to review and consider the information provided herein to ensure they are in compliance with applicable conflict of interest laws.

RECOMMENDED ACTION(S)

Receive for information and consideration in accordance with applicable conflict of interest laws.

FISCAL IMPACT

None.

PREPARED BY:	Yajaira Maldonado
CERTIFIED AS TO AVAILABILITY OF FUNDS:	N/A
APPROVED AS TO FORM AND LEGAL CONTENT:	Scott Huber
FINAL APPROVAL:	Michael Burrows

BACKGROUND INFORMATION

The potential conflicts information provided in this report is intended to be used as a means for each voting member to verify campaign contributions from their individual campaign records. The following information is considered to be complete only to the best knowledge that has been disclosed to staff by the following listed contractors and in many instances may not be complete as of the date of publication of the agenda. Staff will endeavor to provide updates and supplements to the disclosure information to the extent additional contractor disclosure information becomes known to staff at or prior to each particular meeting time.

In addition to other provisions of law which prohibit San Bernardino International Airport Authority (SBIAA) Commission members from having financial interests in the contracts of public agencies, the provisions of California Government Code Section 84308 prohibit individual SBIAA Commission members from participating in any Commission proceeding involving a license, permit, or other entitlement for use pending before the Commission, if the individual member has received a contribution of more than two hundred fifty dollars ($250.00) within the preceding twelve (12) months or for three (3) months following any such Commission proceeding, from any person, company or entity who is the subject of the proceeding, including parent-subsidiary and certain otherwise related business entities as defined in the California Code of Regulations, Title 2, Division 6, Section 18438.5, or from any person who actively supports or opposes a particular decision in the proceeding and who has a financial interest in such decision, as defined in California Government Code Section 87103.

The restrictions of Government Code Section 84308 do not apply if the individual member returns the contribution within thirty (30) days from the time they know, or should have known, about the contribution and the proceeding.

This agenda contains recommendations for action relative to the following contractors/principals and their respective subcontractors (as informed to SBIAA staff by the Principals):

Agenda Item No.	Contractors/Tenants	Subcontractors/Subtenants
C.b.	San Bernardino Regional Emergency Training Center	None.
C.c.	Titan Aviation Fuels Robert "Buddy" Stallings, Owner Robbie Stallings, President Mike Allen, Vice President Kyle Voorhees, Southwestern Sales Representative	None.
7.	R&R B Inc. dba Servpro of Chino/Chino Hills Rick Brogdon, President Curtis Brogdon, Vice President Seth Cooper, Managing Member Amber Pedersen, Managing Member	Lancet Contracting.

8.	Leonida Builders, Inc. Panagiotis Leonida, President/Secretary/Treasurer	None.
9.	Cal-Stripe, Inc. Rudy C. Zavalani, CEO/CFO Cheryl L. Zavalani, Secretary	None.
15.	CT&T Concrete Paving, Inc. Jose Carvajal, President & Secretary Jackie Carvajal, Treasurer	Specialized Pavement Markings, LLC DRS Rebar, Inc.
16.	AECOM Technical Services, Inc. Matt Crane, President Allison Hall, CFO/Treasurer Karl Jensen, CEO Armond Tatevossian, Secretary Matt Ulukaya, Vice President Duke Young, Vice President Andrew Liu, Vice President	See Attached.
17.	Oshkosh Airport Products Matthew A. Field, Chief Financial Officer John C. Pfeifer, Chief Executive Officer Ignacio A. Cortina, Secretary	None.
18.	Bogh Engineering, LLC Lisa Venable, President Jeff Jaso, Vice President	None.
19.	Total Hydrogen Development Mark Mire, Owner/CEO	None.

Attachments:

1. California Government Code §§ 84308 and 87103
2. California Code of Regulations, Title 2, Division 6, §18438
3. AECOM Technical Services, Inc. Subcontractors List

CALIFORNIA CODES
GOVERNMENT CODE
SECTION 84308

84308. (a) The definitions set forth in this subdivision shall govern the interpretation of this section.

(1) "Party" means any person who files an application for, or is the subject of, a proceeding involving a license, permit, or other entitlement for use.

(2) "Participant" means any person who is not a party but who actively supports or opposes a particular decision in a proceeding involving a license, permit, or other entitlement for use and who has a financial interest in the decision, as described in Article 1 (commencing with Section 87100) of Chapter 7. A person actively supports or opposes a particular decision in a proceeding if he or she lobbies in person the officers or employees of the agency, testifies in person before the agency, or otherwise acts to influence officers of the agency.

(3) "Agency" means an agency as defined in Section 82003 except that it does not include the courts or any agency in the judicial branch of **government**, local governmental agencies whose members are directly elected by the voters, the Legislature, the Board of Equalization, or constitutional officers. However, this section applies to any person who is a member of an exempted agency but is acting as a voting member of another agency.

(4) "Officer" means any elected or appointed officer of an agency, any alternate to an elected or appointed officer of an agency, and any candidate for elective office in an agency.

(5) "License, permit, or other entitlement for use" means all business, professional, trade and land use licenses and permits and all other entitlements for use, including all entitlements for land use, all contracts (other than competitively bid, labor, or personal employment contracts), and all franchises.

(6) "Contribution" includes contributions to candidates and committees in federal, state, or local elections.

(b) No officer of an agency shall accept, solicit, or direct a contribution of more than two hundred fifty dollars ($250) from any party, or his or her agent, or from any participant, or his or her agent, while a proceeding involving a license, permit, or other entitlement for use is pending before the agency and for three months following the date a final decision is rendered in the proceeding if the officer knows or has reason to know that the participant has a financial interest, as that term is used in Article 1 (commencing with Section 87100) of Chapter 7. This prohibition shall apply regardless of whether the officer accepts, solicits, or directs the contribution for himself or herself, or on behalf of any other officer, or on behalf of any candidate for office or on behalf of any committee.

(c) Prior to rendering any decision in a proceeding involving a license, permit or other entitlement for use pending before an agency, each officer of the agency who received a contribution within the preceding 12 months in an amount of more than two hundred fifty dollars ($250) from a party or from any participant shall disclose that fact on the record of the proceeding. No officer of an agency shall make, participate in making, or in any way attempt to use his

or her official position to influence the decision in a proceeding involving a license, permit, or other entitlement for use pending before the agency if the officer has willfully or knowingly received a contribution in an amount of more than two hundred fifty dollars ($250) within the preceding 12 months from a party or his or her agent, or from any participant, or his or her agent if the officer knows or has reason to know that the participant has a financial interest in the decision, as that term is described with respect to public officials in Article 1 (commencing with Section 87100) of Chapter 7.

If an officer receives a contribution which would otherwise require disqualification under this section, returns the contribution within 30 days from the time he or she knows, or should have known, about the contribution and the proceeding involving a license, permit, or other entitlement for use, he or she shall be permitted to participate in the proceeding.

(d) A party to a proceeding before an agency involving a license, permit, or other entitlement for use shall disclose on the record of the proceeding any contribution in an amount of more than two hundred fifty dollars ($250) made within the preceding 12 months by the party, or his or her agent, to any officer of the agency. No party, or his or her agent, to a proceeding involving a license, permit, or other entitlement for use pending before any agency and no participant, or his or her agent, in the proceeding shall make a contribution of more than two hundred fifty dollars ($250) to any officer of that agency during the proceeding and for three months following the date a final decision is rendered by the agency in the proceeding. When a closed corporation is a party to, or a participant in, a proceeding involving a license, permit, or other entitlement for use pending before an agency, the majority shareholder is subject to the disclosure and prohibition requirements specified in subdivisions (b), (c), and this subdivision.

(e) Nothing in this section shall be construed to imply that any contribution subject to being reported under this title shall not be so reported.

CALIFORNIA CODES
GOVERNMENT CODE
SECTION 87103

87103. A public official has a financial interest in a decision within the meaning of Section 87100 if it is reasonably foreseeable that the decision will have a material financial effect, distinguishable from its effect on the public generally, on the official, a member of his or her immediate family, or on any of the following:

(a) Any business entity in which the public official has a direct or indirect investment worth two thousand dollars ($2,000) or more.

(b) Any real property in which the public official has a direct or indirect interest worth two thousand dollars ($2,000) or more.

(c) Any source of income, except gifts or loans by a commercial lending institution made in the regular course of business on terms available to the public without regard to official status, aggregating five hundred dollars ($500) or more in value provided or promised to, received by, the public official within 12 months prior to the time when the decision is made.

(d) Any business entity in which the public official is a director, officer, partner, trustee, employee, or holds any position of management.

(e) Any donor of, or any intermediary or agent for a donor of, a gift or gifts aggregating two hundred fifty dollars ($250) or more in value provided to, received by, or promised to the public official within 12 months prior to the time when the decision is made. The amount of the value of gifts specified by this subdivision shall be adjusted biennially by the commission to equal the same amount determined by the commission pursuant to subdivision (f) of Section 89503.

For purposes of this section, indirect investment or interest means any investment or interest owned by the spouse or dependent child of a public official, by an agent on behalf of a public official, or by a business entity or trust in which the official, the official's agents, spouse, and dependent children own directly, indirectly, or beneficially a 10-percent interest or greater.

(Regulations of the Fair Political Practices Commission, Title 2, Division 6, California Code of Regulations.)

§ 18438.5. Aggregated Contributions Under Section 84308.

For purposes of Section 84308:

(a) Notwithstanding the provisions of Regulation 18215.1, to determine whether a contribution of more than $250 has been made by any party to a proceeding, contributions made by a party's parent, subsidiary, or otherwise related business entity, (as those relationships are defined in subdivision (b) below), shall be aggregated and treated as if received from the party for purposes of the limitations and disclosure provisions of Section 84308.

(b) Parent, Subsidiary, Otherwise Related Business entity, defined.

(1) Parent-subsidiary. A parent-subsidiary relationship exists when one corporation has more than 50 percent of the voting power of another corporation.

(2) Otherwise related business entity. Business entities, including corporations, partnerships, joint ventures and any other organizations and enterprises operated for profit, which do not have a parent-subsidiary relationship are otherwise related if any one of the following three tests is met:

(A) One business entity has a controlling ownership interest in the other business entity.

(B) There is shared management and control between the entities. In determining whether there is shared management and control, consideration should be given to the following factors:

(i) The same person or substantially the same person owns and manages the two entities;

(ii) There are common or commingled funds or assets;

(iii) The business entities share the use of the same offices or employees, or otherwise share activities, resources or personnel on a regular basis;

(iv) There is otherwise a regular and close working relationship between the entities; or

(C) A controlling owner (50% or greater interest as a shareholder or as a general partner) in one entity also is a controlling owner in the other entity.

Note: Authority cited: Section 83112, Government Code. Reference: Section 84308, Government Code.

HISTORY

1. New section filed 5-26-2006; operative 6-25-2006. Submitted to OAL for filing pursuant to *Fair Political Practices Commission v. Office of Administrative Law*, 3 Civil C010924, California Court of Appeal, Third Appellate District, nonpublished decision, April 27, 1992 (FPPC regulations only subject to 1974 Administrative Procedure Act rulemaking requirements and not subject to procedural or substantive review by OAL) (Register 2006, No. 21). For prior history of section 18438.5, see Register 85, No. 8.

2. Amendment filed 8-12-2014; operative 9-11-2014 pursuant to title 2, section 18312(e)(1) of the California Code of Regulations. Submitted to OAL for filing and printing pursuant to *Fair Political Practices Commission v. Office of Administrative Law*, 3 Civil C010924, California Court of Appeal, Third Appellate District, nonpublished decision, April 27, 1992 (FPPC regulations only subject to 1974 Administrative Procedure Act rulemaking requirements and not subject to procedural or substantive review by OAL) (Register 2014, No. 33).

COMPANY INFORMATION SHEET

SUBCONTRACTOR/SUBCONSULTANT
VENDOR/SUPPLIER

DECLARATION

I declare under penalty of perjury under the laws of the State of California I have completed this Company Information Sheet and that the information contained herein is factual and accurate as of the date completed.

Completed and executed this 9th [day] day of July [month], 2024, in Santa Ana [city], CA [state].

By: Christopher M. Diaz, PE, GE Digitally signed by Christopher M. Diaz, PE, GE Date: 2024.07.09 10:57:06 -07'00' Print

Name: Christopher M. Diaz, PE, GE Print

Title: President

LEGAL NAME OF COMPANY: Diaz Consultants, Inc. dba Diaz•Yourman & Associates

ADDRESS: 1616 E. 17th Street, Santa Ana, CA 92705

TELEPHONE: 714-245-2920 FAX: 714-245-2950

TYPE OF BUSINESS (Check One):

X] CORPORATION
[ ] PARTNERSHIP
[ ] INDIVIDUAL
] INDIVIDUAL DOING BUSINESS UNDER A FIRM NAME
] OTHER_____
] LIMITED LIABILITY COMPANY
] JOINT VENTURE

STATE OF INCORPORATION OR FORMATION:

California

PRINCIPALS/OFFICERS/PARTNERS/OWNERS OF COMPANY

List All Principals/Officers/Partners [including Joint Venture Partners, Managing Partner], as well as investors/investment companies:

Name	Title
Christopher M. Diaz	President
Cherie D. (Eifler) Smith	Secretary

[PLEASE ATTACH ADDITIONAL SHEETS AS NECESSARY IN ORDER TO PROVIDE ALL REQUESTED INFORMATION.]

IDENTIFICATION OF PRINCIPAL(S)/OFFICER(S)/REPRESENTATIVE(S) OF COMPANY – Execution of Legal Documents:

The Company has authorized and hereby designates the following individual(s) to execute legal documents on behalf of Company, including but not limited to contract documents, proposals and related documents:

Name	Title
Christopher M. Diaz	President

IDENTIFICATION OF PRINCIPAL(S)/OFFICER(S)/REPRESENTATIVE(S) OF COMPANY – Representative and/or Management Capacity:

The Company has authorized and hereby designates the following individual(s) to serve in a representative and/or management capacity on behalf of Company relating to the concerned project, contract document, lease document, development document, or any other legal document or agreement, including but not limited to manager, project manager, site manager, etc.

Name	Title
Christopher M. Diaz	President

[PLEASE ATTACH ADDITIONAL SHEETS AS NECESSARY IN ORDER TO PROVIDE ALL REQUESTED INFORMATION.]

COMPANY INFORMATION SHEET

SUBCONTRACTOR/SUBCONSULTANT
VENDOR/SUPPLIER

DECLARATION

I declare under penalty of perjury under the laws of the State of California I have completed this Company Information Sheet and that the information contained herein is factual and accurate as of the date completed.

Completed and executed this 9 [day] day of July [month], 2024, in Irvine [city], CA [state].

By: _____
Name: Bernie McInally, PLS Print
Title: Executive Vice President Print

LEGAL NAME OF COMPANY: GUIDA

ADDRESS: 220 Commerce, Suite 150, Irvine, CA 92602

TELEPHONE: 949-777-2000 FAX: 949-777-2050

TYPE OF BUSINESS (Check One):

[X] CORPORATION
[ ] LIMITED LIABILITY COMPANY
[ ] PARTNERSHIP
[ ] JOINT VENTURE
[ ] INDIVIDUAL
[ ] INDIVIDUAL DOING BUSINESS UNDER A FIRM NAME
[ ] OTHER _____

STATE OF INCORPORATION OR FORMATION:

California

PRINCIPALS/OFFICERS/PARTNERS/OWNERS OF COMPANY

List All Principals/Officers/Partners [including Joint Venture Partners, Managing Partner], as well as investors/investment companies:

Name	Title
Meagan Guida	CEO/CFO
Ralph W. Guida IV, PLS	President
Bernie McInally, PLS	Executive Vice President
Lisa Spivak, PLS	Executive Vice President
Tim Fettig, PLS	Vice President
Adrian Trespando, LSIT	Vice President

[PLEASE ATTACH ADDITIONAL SHEETS AS NECESSARY IN ORDER TO PROVIDE ALL REQUESTED INFORMATION.]

IDENTIFICATION OF PRINCIPAL(S)/OFFICER(S)/REPRESENTATIVE(S) OF COMPANY – Execution of Legal Documents:

The Company has authorized and hereby designates the following individual(s) to execute legal documents on behalf of Company, including but not limited to contract documents, proposals and related documents:

Name	Title
Meagan Guida	CEO/CFO
Ralph W. Guida IV, PLS	President
Bernie McInally, PLS	Executive Vice President

IDENTIFICATION OF PRINCIPAL(S)/OFFICER(S)/REPRESENTATIVE(S) OF COMPANY – Representative and/or Management Capacity:

The Company has authorized and hereby designates the following individual(s) to serve in a representative and/or management capacity on behalf of Company relating to the concerned project, contract document, lease document, development document, or any other legal document or agreement, including but not limited to manager, project manager, site manager, etc.

Name	Title
Bernie McInally, PLS	Executive Vice President
Ralph W. Guida IV, PLS	President
Lisa Spivak, PLS	Executive Vice President

[PLEASE ATTACH ADDITIONAL SHEETS AS NECESSARY IN ORDER TO PROVIDE ALL REQUESTED INFORMATION.]

COMPANY INFORMATION SHEET

SUBCONTRACTOR/SUBCONSULTANT
VENDOR/SUPPLIER

DECLARATION

I declare under penalty of perjury under the laws of the State of California I have completed this Company Information Sheet and that the information contained herein is factual and accurate as of the date completed.

Completed and executed this 09 [day] day of July [month], 2024, in Anahiem [city], CA [state].

By: MTGL, Inc. _____ Print
Name: Michelle Elliott Print
Title: C.E.O. / Owner

LEGAL NAME OF COMPANY: MTGL, Inc.

ADDRESS: 2992 E. La Palma Avenue, Suite A, Anaheim, CA 92806

TELEPHONE: (714) 632-2999 FAX: (714) 632-2974

TYPE OF BUSINESS (Check One):

X] CORPORATION
[ ] PARTNERSHIP
[ ] INDIVIDUAL
] INDIVIDUAL DOING BUSINESS UNDER A FIRM NAME
] OTHER_____
] LIMITED LIABILITY COMPANY
] JOINT VENTURE

STATE OF INCORPORATION OR FORMATION:

California

PRINCIPALS/OFFICERS/PARTNERS/OWNERS OF COMPANY

List All Principals/Officers/Partners [including Joint Venture Partners, Managing Partner], as well as investors/investment companies:

Name	Title
Michelle Elliott	C.E.O. / Owner

[PLEASE ATTACH ADDITIONAL SHEETS AS NECESSARY IN ORDER TO PROVIDE ALL REQUESTED INFORMATION.]

IDENTIFICATION OF PRINCIPAL(S)/OFFICER(S)/REPRESENTATIVE(S) OF COMPANY – Execution of Legal Documents:

The Company has authorized and hereby designates the following individual(s) to execute legal documents on behalf of Company, including but not limited to contract documents, proposals and related documents:

Name	Title
Michelle Elliott	C.E.O. / Owner
Isaac Chun, P.E., G.E.	Vice President / Engineering Manager

IDENTIFICATION OF PRINCIPAL(S)/OFFICER(S)/REPRESENTATIVE(S) OF COMPANY – Representative and/or Management Capacity:

The Company has authorized and hereby designates the following individual(s) to serve in a representative and/or management capacity on behalf of Company relating to the concerned project, contract document, lease document, development document, or any other legal document or agreement, including but not limited to manager, project manager, site manager, etc.

Name	Title
Michelle Elliott	C.E.O. / Owner
Isaac Chun, P.E., G.E.	Vice President / Engineering Manager

[PLEASE ATTACH ADDITIONAL SHEETS AS NECESSARY IN ORDER TO PROVIDE ALL REQUESTED INFORMATION.]

COMPANY INFORMATION SHEET

SUBCONTRACTOR/SUBCONSULTANT
VENDOR/SUPPLIER

DECLARATION

I declare under penalty of perjury under the laws of the State of California I have completed this Company Information Sheet and that the information contained herein is factual and accurate as of the date completed.

Completed and executed this 9th [day] day of July [month], 2024, in Tamarac [city], Fl [state].

By: Ross Thomas Riddell Print
Name: Ross Thomas Riddell Print
Title: President

LEGAL NAME OF COMPANY: Ross T Riddell and Associates

ADDRESS: 9081 Lime Bay Boulevard. #104 Tamarac Fl 33321

TELEPHONE: +1 352 502 1935 FAX: N/A

TYPE OF BUSINESS (Check One):

] CORPORATION
[ ] PARTNERSHIP
[ ] INDIVIDUAL
] INDIVIDUAL DOING BUSINESS UNDER A FIRM NAME
] OTHER_____
X] LIMITED LIABILITY COMPANY
] JOINT VENTURE

STATE OF INCORPORATION OR FORMATION:

Nevada

PRINCIPALS/OFFICERS/PARTNERS/OWNERS OF COMPANY

List All Principals/Officers/Partners [including Joint Venture Partners, Managing Partner], as well as investors/investment companies:

Name	Title
Ross Thomas Riddell	President

[PLEASE ATTACH ADDITIONAL SHEETS AS NECESSARY IN ORDER TO PROVIDE ALL REQUESTED INFORMATION.]

IDENTIFICATION OF PRINCIPAL(S)/OFFICER(S)/REPRESENTATIVE(S) OF COMPANY – Execution of Legal Documents:

The Company has authorized and hereby designates the following individual(s) to execute legal documents on behalf of Company, including but not limited to contract documents, proposals and related documents:

Name	Title
Ross Thomas Riddell	President

IDENTIFICATION OF PRINCIPAL(S)/OFFICER(S)/REPRESENTATIVE(S) OF COMPANY – Representative and/or Management Capacity:

The Company has authorized and hereby designates the following individual(s) to serve in a representative and/or management capacity on behalf of Company relating to the concerned project, contract document, lease document, development document, or any other legal document or agreement, including but not limited to manager, project manager, site manager, etc.

Name	Title
Ross Thomas Riddell	President

[PLEASE ATTACH ADDITIONAL SHEETS AS NECESSARY IN ORDER TO PROVIDE ALL REQUESTED INFORMATION.]

	TO: San Bernardino International Airport Authority Commission **DATE: May 27, 2026** **ITEM NO: 2a** **PRESENTER: Michael Burrows, Chief Executive Officer**

SUBJECT: INFORMATIONAL ITEMS – CHIEF EXECUTIVE OFFICER'S REPORT

SUMMARY

An oral report will be provided at the time of the meeting.

PREPARED BY:	Michelle Casey
CERTIFIED AS TO AVAILABILITY OF FUNDS:	N/A
APPROVED AS TO FORM AND LEGAL CONTENT:	Scott Huber
FINAL APPROVAL:	Michael Burrows

BACKGROUND INFORMATION

None.

Attachments:

1. None

	TO: San Bernardino International Airport Authority Commission **DATE: May 27, 2026** **ITEM NO: 2b** **PRESENTER: Michael Burrows, Chief Executive Officer**

SUBJECT: INFORMATIONAL ITEMS – LUXIVAIR WORLD CUP WATCH PARTY

SUMMARY

An oral report will be provided at the time of the meeting.

PREPARED BY:	Michelle Casey
CERTIFIED AS TO AVAILABILITY OF FUNDS:	N/A
APPROVED AS TO FORM AND LEGAL CONTENT:	Scott Huber
FINAL APPROVAL:	Michael Burrows

BACKGROUND INFORMATION

None.

Attachments:

1. None

	TO: San Bernardino International Airport Authority Commission **DATE: May 27, 2026** **ITEM NO: 3** **PRESENTER: Mark Cousineau, Director of Finance**

SUBJECT: REGISTER OF DEMANDS FOR APRIL 2026

SUMMARY

SBIAA's Register of Demands for April 2026.

RECOMMENDED ACTION(S)

Receive for information.

FISCAL IMPACT

Various accounts as shown.

PREPARED BY:	Mark Cousineau
CERTIFIED AS TO AVAILABILITY OF FUNDS:	Mark Cousineau
APPROVED AS TO FORM AND LEGAL CONTENT:	N/A
FINAL APPROVAL:	Michael Burrows

BACKGROUND INFORMATION

The attached Register of Demands corresponds to checks issued in the month of April 2026. The total of the register is $8,577,789.33.

Fuel: Titan Aviation Fuels was paid $6,684,671.61 for aviation fuel to resell at Luxivair-SBD. Merit Oil Co. was paid $38,189.12 to operate SBIAA vehicles and for resale at Luxivair-SBD.

Utilities: Burrtec Waste Industries Inc., East Valley Water District, Frontier Communications Corporation, Granite Telecommunications, Southern California Edison, The Gas Company, Utility Telecom Group LLC, and Verizon were paid a total of $137,340.24.

Capital Projects Cost: All American Building Services and Leonida Builders were paid a total of $253,393.29.

Employee Benefits: No employee benefit disbursements were made in April 2026.

Professional Services: Aecom Technical Services Inc.; Allawos & Company LLC; Boston Fox Tigue International LLC; CJMC Holdings LLC; Coffman Engineers, Inc.; David Turch and Associates; Imagine Systems Inc.; Innovative Federal Strategies LLC; J.R. Miller & Associates Inc.; Mead & Hunt; Ninyo & Moore; Right Energy Group LLC; Tom Dodson & Associates, and Wilson & Company Inc. were paid a total of $247,584.54.

Attachments:

1. Register of Demands for the May 27, 2026 Commission Meeting
2. VISA Detail - April 2026

San Bernardino International Airport Authority
Register of Demands for Commission Meeting
5/27/2026

Line	Company Name	Description	AP Register
1	A.O. Reed & Co., LLC	Repairs and maintenance for HVAC system	12,818.03
2	Aames Lock (Total Access Security Systems Corp)	Electronic lock and door repair and installation services	3,803.55
3	A-Co Temporary Power, Inc	Power installation supplies and services	422.87
4	Aecom Technical Services Inc.	Engineering firm, design and professional services	58,352.88
5	Airwave Communications	Annual for Avtec web portal access, maintenance, and 24/7 technical support	3,230.97
6	All American Building Services	Terminal Lactation & Pet Relief Area Project	21,593.29
7	All Traffic Solutions Inc.	Traffic Suite app for equipment and image management, mapping,	375.00
8	Allawos & Company LLC	Consulting services for solar and green energy projects	6,750.00
9	Amazon Capital Services Inc.	Office supplies and equipment	3,866.50
10	Am-Tec Total Security Inc.	Monthly fire and burglar alarm monitoring and inspection	5,347.00
11	Amtech Elevator Services	Elevator and escalator maintenance services	3,280.00
12	Arc Document Solutions, LLC	Document scanning services	605.91
13	Aviation Intertec Services Inc.	Designing, testing and deployment of new display layouts for the gate information displays	360.00
14	B&H Photo & Electronics Corp	Office equipment and accessories	661.09
15	Babcock Laboratories Inc.	Storm water lab analysis and testing	1,514.22
16	Bear Springs Hotel	Annual attendance to the IE World Trade Conference	8,993.64
17	Belico Details LLC	Vehicle washes	3,720.00
18	Blue Violet Networks	Solar power array for temporary surveillance system at new UAS facility	8,963.99
19	Boston Fox Tigue International LLC	Marketing services	35,760.38
20	BrightView Landscape Services, Inc.	Repairs and maintenance on irrigation system	1,460.01
21	Burrtec Waste Industries Inc.	Refuse	5,468.29
22	C & A Janitorial Services	Janitorial services	78,464.94
23	CAL-Card - VISA	Refer to Visa Detail - April 2026	54,278.70
24	CDW Government LLC	IT products, hardware/software solutions, and customer support	1,710.64
25	CED-Consolidated Electrical Distributors	Electrical supplies	1,114.09
26	Christopher Hardisty	Employee reimbursement	200.00
27	Cintas Corporation	Uniform and mat rentals	6,632.21
28	CJMC Holdings LLC	Construction and project management services for capital projects	5,200.00
29	Coffman Engineers, Inc.	Professional engineering and technical support services for	1,823.12
30	Daily Journal Corporation	Publication and advertisement services for project bidding	2,397.05
31	Dans Lawnmower Center	Parts to maintain Grounds Department's power tools	1,171.12
32	Data Ticket, Inc.	Administrative fee for airport's NOV ticket processing issued by Airport Security Officers	2,737.37
33	Dave Graham	Employee reimbursement	1,848.98
34	David Turch and Associates	Federal legislative, advocacy and consulting services	5,000.00
35	Dib's Safe & Lock Service	Key duplication services	47.68
36	Eagle Graphics LLC	Employee credit incentive for SBD online apparel store	511.41
37	East Valley Water District	Water services	443.56
38	Easy Badges LLC	HID iClass cards for Badging department	3,904.13
39	Eduardo Estrada	Employee reimbursement	200.00
40	ESRI	ArcGIS annual subscription & maintenance	17,565.75
41	Ewing Outdoor Supply (Ewing Irrigation Products Inc.)	Irrigation supplies and material	1,534.22
42	FedEx	Courier fees	1,184.98
43	Ferguson Enterprises LLC	Plumbing supplies and material	104.30
44	Ford Credit Company	Car lease payment	1,645.45
45	Frontier Communications Corporation	Telephone services	8,857.06
46	GMSTEK LLC	Monthly fuel management and point-of-sale software subscription	2,401.08
47	Granite Telecommunications	Telephone services	5,045.25

San Bernardino International Airport Authority
Register of Demands for Commission Meeting
5/27/2026

Line	Company Name	Description	AP Register
48	Greg Hill	Employee reimbursment	130.14
49	Gregg Gerth	Employee reimbursement	104.00
50	Ham's Electric, Inc.	Electrical repairs, installation, and maintenance	3,735.00
51	Hillwood/San Bernardino, LLC	Security deposit refund	620.00
52	HubSpot Inc.	Annual subscription to marketing software	8,100.00
53	Hughes Aerospace Corporation	Inspections and maintenance of FAR Part 97 public instrument flight procedure	12,850.00
54	Imagine Systems Inc.	IT consulting services and desktop maintenance	3,068.56
55	Inland Empire Economic Partnership	Sponsorship for E-Commerce and Logistics Summit	1,500.00
56	Inland Overhead Door	Parts and labor for hangar door repair	4,575.00
57	Inland Valley Development Agency	Due to due from and annual ROPS Admin Allowance	819,652.00
58	Innovative Federal Strategies LLC	Federal legislative advocacy services	4,000.00
59	J.R. Miller & Associates, Inc.	Architectural and engineering design services	94,286.50
60	Jonathan Galvan	Employee reimbursement	278.38
61	K&L Hardware and Plumbing Supply Inc	Maintenance, tools, and supplies	800.91
62	Kenneth Pruitt	Employee reimbursement	163.11
63	Leonida Builders Inc.	Building 48 tenant improvements	231,800.00
64	Mackinac Software LLC	Monthly service fees for AWOS weather system	89.00
65	Mark Gibbs	Employee business expense reimbursement	3,026.90
66	Mead & Hunt Inc.	Professional consulting services for air services and airport development	12,999.96
67	MediWaste Disposal, LLC	Medical waste disposal services and supplies	79.81
68	Merit Oil Company	Fuel inventory for fleet operations	38,189.12
69	Michael Roche	Employee reimbursement	133.94
70	Mike Bell	Employee reimbursement	215.00
71	National Construction Rentals Inc.	Equipment rental	1,539.26
72	Ninyo & Moore	Consulting services to update Business Emergency Plan and Chemical Disclosure to reflect any changes to the storage locations/quantities of hazardous materials stored on airport property	3,500.00
73	Parts Authority Metro LLC	Automotive replacement parts, tools/equipment, transmissions, accessories and supplies	8,291.96
74	Performance Electric	Electrical installation services and supplies	18,204.72
75	Performance Truck Repair Inc.	Vehicle repair - parts and labor	1,591.84
76	Pete's Road Service Inc.	Tires for security fleet and fuel trucks	7,201.46
77	Petty Cash - Reshma Rajan	Petty cash replenhsiment	723.76
78	PlaneNoise Inc.	Monthly subscription to complaint box for aircraft noise complaints	1,316.13
79	RDO Equipment Co	Parts, repairs, and maintenance services for Old John Deere tractor	1,182.43
80	Red Star Fire Protection Inc.	Fire riser inspection and sprinkler testing	10,797.26
81	Richie Gonzalez	Employee business expense reimbursement	241.56
82	Right Energy Group LLC	Professional services for Green Energy Programs	6,500.00
83	San Antonio Hospital Foundation, Inc.	San Antonio Hospital Foundation sponsorship	1,500.00
84	SITA Information Networking Computing USA, Inc.	Monthly maintenance and support	1,490.99
85	Solutionz, Inc. (RTS Solutionz, Inc.)	Video wall for displaying informational & advertising content to passengers	51,767.04
86	South Bay Ford Lincoln	Lease of 2026 Lincoln Corsair	3,749.00
87	Southern California Edison	Electricity	107,195.98
88	Staples, Inc. DBA Staples Contract & Commercial LLC	Office supplies	946.25
89	Stephanie Lopez	Employee reimbursement	240.90
90	Sysco Riverside Inc.	Item restock for FBO refreshment counter	2,769.01
91	Tammie Headley	Contractor provided services to operate Leland's Cafe	1,266.31
92	The Gas Company	Gas	4,618.27
93	Titan Aviation Fuels	Jet A and Avgas fuel inventory purchases	6,684,671.61
94	Tom Dodson & Associates	Professional services for environmental services	1,055.00

San Bernardino International Airport Authority
Register of Demands for Commission Meeting
5/27/2026

Line	Company Name	Description	AP Register
95	U.S. Customs & Border Protection	Salary, benefits, and administration fees for airport program for U.S. Customs and Border Protection officer	225.25
96	Underground Service Alert Of Southern Cal	Notification system for the Jet Fuel Line & Dig Safe Board Fees	35.80
97	Universal Corrosion Services, LLC	Cathodic protection services	885.00
98	Utility Telecom Group LLC	Ethernet and phone services for Building 48	2,963.01
99	Verizon Wireless	Wireless monthly service and equipment purchases	2,748.82
100	Wendy McConaughey	Employee reimbursement	320.00
101	Western Exterminator Company	Pest control	3,040.28
102	Wilson & Company Inc.	Engineering and construction management services for two landfill surface repairs	9,288.14
103	Women in Aviation International San Diego Chapter	Women Who Drive Aviation Forward sponsorship	2,000.00
104	Zachary Carlson	Employee reimbursement	154.25
	Total		$ 8,577,789.33

April 2026
SBIAA

Line	Description	Vendor	Dept.	Amount
1	Photo printing	FedEx Office	Administration	55.40
2	Hospitality for employee appreciation	Costco	Administration	162.95
3	Employee appreciation day lunch	Sara's Mexican Catering	Administration	1,184.50
4	Building 730 break tables outside umbrellas	Home Depot	Airport Maintenance	204.45
5	Water	Walmart	Airport Maintenance	74.70
6	Processing fees for escalator permit	California Department of Industrial Relations	Airport Manager	15.53
7	Processing fees for escalator permit	California Department of Industrial Relations	Airport Manager	15.53
8	Escalator permit	California Department of Industrial Relations	Airport Manager	675.00
9	Escalator permit	California Department of Industrial Relations	Airport Manager	675.00
10	Airfield sign	SmartSign	Airport Operations	20.07
11	K-9 grooming	Bath N Buns	Airport Operations	180.00
12	Badging scheduling software subscription	Squarespace	Airport Security Coordinator	324.00
13	Zoom Workplace Pro annual subscription, 03/18/2026 - 03/17/2027	Zoom	Clerk of the Board	183.07
14	Hospitality for interviews at the Terminal	Panera Bread	Development & Properties	130.38
15	Working lunch with Hillwood and SB County	Panera Bread	Executive Office	330.63
16	Working lunch and tour with Goodwill Executives	Panera Bread	Executive Office	128.88
17	Membership dues	Loma Linda Chamber of Commerce	Executive Office	275.00
18	Catering in support of International Trade meeting on 2/12/26	Chef Dave's Café	Executive Office	804.91
19	Air freshener used for restrooms stock	Ozium	Facilities	106.42
20	Pressure switch for triple 3	Neponset Controls Inc	Facilities	375.21
21	Light bulbs stock	Commercial LED Lights	Facilities	343.99
22	Airfield light bulbs	Flight Light Inc	Facilities	950.46
23	Rekeying for Building 759	Redlands Lock and Key	Facilities	127.40
24	Capacitor	Grainger	Facilities	217.95
25	Air filters	Grainger	Facilities	520.68
26	Padlock and latch posts	Home Depot	Facilities	145.43
27	Pressure switch for triple 3	Neponset Controls Inc	Facilities	217.78
28	Gate repairs for Gate 10	Automated Gate Services	Facilities	920.82
29	Keys at the terminal	Dib's Safe and Lock Service	Facilities	138.00
30	Parts for fire suppression triple 3	Radwell International	Facilities	271.39
31	Paint Supplies for PIV painting	Home Depot	Facilities	221.35
32	Rekeying for wash rack	Redlands Lock and Key	Facilities	320.35
33	Water	Stater Brothers	Facilities	67.40
34	Parts for fire suppression triple 3	Radwell International	Facilities	529.95
35	Supplies for OPS office remodel	Home Depot	Facilities	214.55
36	Supplies for painting	Home Depot	Facilities	20.63
37	Water	Sams Club	Facilities	143.52
38	Painting supplies for fire hydrants	Lowe's	Facilities	122.62
39	Hazmat decals for fuel tanks at triple 3	Creative Safety Supply	Facilities	125.29
40	Paint supplies for PIV painting	Home Depot	Facilities	130.27
41	Tools for Terminal team	Home Depot	Facilities	87.88
42	Control board for Sheriff's fire pumps	eBay	Facilities	815.61
43	Supplies for jet bridge	Home Depot	Facilities	144.09
44	Pull strings for shades in Control Tower	Plastic View ATC Inc	Facilities	283.00
45	Supplies PIV painting	Lowe's	Facilities	126.39
46	Financial software	Zaptiva	Finance	1,607.11
47	Grounds spray rig tires	Pete's Road Service	Fleet	989.58
48	Solenoid valve	Grainger	Fleet	125.94
49	OPS 7 truck tire replacement	Pete's Road Service	Fleet	992.19
50	ARFF Truck R9 hose coverings	Bernell Hydraulics	Fleet	222.70
51	Green forklift at bunkers tire replacement	Pete's Road Service	Fleet	575.39
52	Facilities truck 30 tire replacement	Pete's Road Service	Fleet	998.80

April 2026
SBIAA

Line	Description	Vendor	Dept.	Amount
53	Icom radio repair for new mower tractor	Airwave Communication	Fleet	25.88
54	Fleet shop tool purchase	R&M Patos Tools LLC	Fleet	663.32
55	Fleet shop tool purchase	Tractor Supply Co	Fleet	37.70
56	Fencing supplies and material	Frank's Fence & Supply	Grounds	875.44
57	Concrete mix for AOA	Home Depot	Grounds	242.84
58	Drill bit set	Home Depot	Grounds	119.59
59	Shock wave step bit kit	Home Depot	Grounds	141.34
60	Drill bit set	Home Depot	Grounds	119.59
61	Crocodile cloth wipes	Home Depot	Grounds	19.56
62	Paint for bollards in the East parking lot	Home Depot	Grounds	45.54
63	Paint for #339 parking lot	K&L Hardware	Grounds	32.73
64	Paint for backflow on Del Rosa	Home Depot	Grounds	126.43
65	Bee hive in the bunkers	Bee Wranglers	Grounds	350.00
66	Locks for irrigation clocks	Home Depot	Grounds	340.32
67	Cleaning supplies for washing bus and van	Lowe's	Grounds	77.19
68	Repair kits for 2 backflows	Backflow Parts USA	Grounds	617.71
69	Gloves and sleeves	Uline	Grounds	150.98
70	Terminal background music streaming service	Soundtrack Your Brand	Information Technology	5.50
71	Microsoft Teams audio monthly subscription	Microsoft	Information Technology	2.63
72	Website management software, $107.98 split between servers for each agency.	CPANEL	Information Technology	53.99
73	Website management software, $107.98 split between servers for each agency. IVDA (57331 D54000 E110)	CPANEL	Information Technology	53.99
74	Agencies' website usage charges, $187.40 split between servers for each agency	DigitalOcean	Information Technology	93.70
75	Agencies' website usage charges, $187.40 split between servers for each agency IVDA (57331 D54000 E110)	DigitalOcean	Information Technology	93.70
76	Processing fee for parking lot transactions	Windcave	Information Technology	305.00
77	DNS service for .gov domains	Amazon Web Services	Information Technology	1.03
78	CBP TV Content streaming service	Dish Network	Information Technology	119.73
79	Monitoring software renewal	Avtech Software	Information Technology	349.95
80	TV content streaming service for concourse	Sling	Information Technology	71.10
81	Domain name renewal	GoDaddy	Information Technology	575.78
82	Subscription for cloud storage for Apple device	Apple.com	Information Technology	0.99
83	Light mount for North SIDA line access control	Wolf Automation	Information Technology	52.18
84	Microsoft Office 365 monthly subscription	Microsoft	Information Technology	81.90
85	VPN service for remote access	Pay-Com Test	Information Technology	366.00
86	Website monitoring service	OH DEAR LIER	Information Technology	29.39
87	Domain name renewal	GoDaddy	Information Technology	351.10
88	Hosted IT collaboration	Slack	Information Technology	43.75
89	Terminal background music streaming service	Soundtrack Your Brand	Information Technology	732.00
90	Microsoft Office 365 monthly subscription	Microsoft	Information Technology	680.40
91	Freight shipping for FBO def header from China	DHL	Luxivair-SBD	391.47
92	FBO fueler golf cart tires	Pete's Road Service	Luxivair-SBD	557.67

April 2026
SBIAA

Line	Description	Vendor	Dept.	Amount
93	FBO old fuel bowsers tires	Pete's Road Service	Luxivair-SBD	475.76
94	FBO fuel truck 4242 coolant hose repair	Velocity Truck Centers	Luxivair-SBD	60.33
95	FBO fuel truck 4242 air hose repair	Home Depot	Luxivair-SBD	52.15
96	FBO fueler golf cart tires	Pete's Road Service	Luxivair-SBD	528.91
97	Leland's Coffee inventory	Sam's Club	Luxivair-SBD	109.84
98	Leland's Coffee inventory	Sam's Club	Luxivair-SBD	76.71
99	Leland's Coffee inventory	Sam's Club	Luxivair-SBD	36.16
100	Hospitality bar restock	Sam's Club	Luxivair-SBD	145.11
101	Dry cleaning for N8228N	Family Dry Cleaners	Luxivair-SBD	82.50
102	Car wash for crew car	Fast Five	Luxivair-SBD	16.00
103	Car wash for crew car	Fast Five	Luxivair-SBD	20.00
104	Fuel for crew car	Chevron	Luxivair-SBD	61.36
105	Rugs for Fob	Cintas	Luxivair-SBD	478.50
106	Car wash for crew car	Quick Quack	Luxivair-SBD	12.99
107	Fuel for crew car	Arco	Luxivair-SBD	38.13
108	Hospitality bar restock	Sam's Club	Luxivair-SBD	148.26
109	Propane refill	AmeriGas	Luxivair-SBD	285.14
110	Fuel for crew car	Chevron	Luxivair-SBD	16.00
111	Hospitality bar restock	Sam's Club	Luxivair-SBD	154.71
112	Food Handlers	State Food Safety	Luxivair-SBD	22.00
113	Fuel for crew cars	Chevron	Luxivair-SBD	87.09
114	Hospitality bar restock	Sam's Club	Luxivair-SBD	136.00
115	Crew car registration fee	Department of Motor Vehicles	Luxivair-SBD	14.39
116	Crew car registration	Department of Motor Vehicles	Luxivair-SBD	738.00
117	Resistors replacement	RS Group	Luxivair-SBD	59.12
118	4 wire single std temp RTD. Replacement	Reotemp Instruments	Luxivair-SBD	266.66
119	Sqwincher hydration and electrolytes	National Industrial and Safety Supplies	Luxivair-SBD	650.33
120	'"Chili Day" promo event	Smart & Final	Luxivair-SBD	173.99
121	Lunch for interview panel	Doordash	Luxivair-SBD	56.93
122	Lunch for interview panel	Doordash	Luxivair-SBD	97.17
123	Movie streaming for FBO theater	Netflix	Luxivair-SBD	24.99
124	Disposable Gloves	Cintas	Luxivair-SBD	478.50
125	Disposable Gloves	Cintas	Luxivair-SBD	119.63
126	Subscription for cloud storage for Apple device	Apple	Luxivair-SBD	0.99
127	Cable television for FBO lobby	Dish Network	Luxivair-SBD	161.37
128	Office supplies	Staples	Luxivair-SBD	364.18
129	Fuel farm supplies	Aviation Laboratories	Luxivair-SBD	635.53
130	'"Pi Day" promo event	Sam's Club	Luxivair-SBD	132.86
131	'"Pi Day" promo event	Costco	Luxivair-SBD	44.97
132	Paper towels restock	Sam's Club	Luxivair-SBD	45.52
133	Bottle water restock	Sam's Club	Luxivair-SBD	574.08
134	Shelves for fuel farm	Grainger	Luxivair-SBD	187.29
135	Lunch for interview panel	Doordash	Luxivair-SBD	76.69
136	Supplies	CVS	Luxivair-SBD	95.34
137	FBO Titan fuel truck exhaust clamps	Fleet Services Inc	Luxivair-SBD	72.66
138	FBO Lectro tug wheel replacement	Pete's Road Service	Luxivair-SBD	801.14
139	FBO fuel truck 4242 air compressor fittings	Fleet Services Inc	Luxivair-SBD	459.55
140	FBO fuel truck 4242 air compressor dryer repair	Colton Truck Terminal Garage	Luxivair-SBD	97.46
141	FBO Apollo GPU def header replacement	Aero Specialties	Luxivair-SBD	1,580.51
142	FBO blue CSR golf cart	Golf Cars of Riverside	Luxivair-SBD	557.23
143	FBO fuel trucks 2646 4242 computer reprogramming	BWM Repairs LLC	Luxivair-SBD	900.00
144	NBAA S&D Show site services - FBO	Freeman	Luxivair-SBD	901.15
145	Airfare for voucher winner, Matthew Smith and companion	Breeze Airways	Marketing	668.00
146	Custom soccer balls in support of Luxivair SBD	IdeaStage	Marketing	5,039.85
147	Replacement concert gifts	Fracture	Marketing	391.50
148	Signs for the terminal	SmartSign	Marketing	182.89
149	Stock imagery service	Adobe	Marketing	49.99
150	Photo printing	CVS	Marketing	34.79
151	Photo printing refund	CVS	Marketing	(34.79)
152	Stickers - promotional giveaways	StickerApp.com	Marketing	761.53
153	Promotional coloring books	Anypromo	Marketing	784.79

April 2026
SBIAA

Line	Description	Vendor	Dept.	Amount
154	Airfare for voucher winner, Eric Hsieh and companion	Breeze Airways	Marketing	907.96
155	Airfare for voucher winner, Cherlyn Fierro and companion	Breeze Airways	Marketing	609.98
156	Membership dues	Airport Purchasing Group	Purchasing	100.00
157	Refund for a print advertisement	LA Air Cargo Association	Marketing	(200.00)
158	Pull up display for NBAA S&D - FBO	Ace Displays	Marketing	115.51
159	Ticket sales platform	Eventbrite	Marketing	480.00
160	Electrical outlet and switches for new nursing rooms	Lowe's	Terminals	27.99
161	Meal for Routes Americas travel	Luna De Ipanema	Aviation	16.07
162	Ground transportation for Routes Americas travel	Antonit Magalhaes	Aviation	47.34
163	Meal for Routes Americas travel	A Ventana Cucina	Aviation	8.69
164	Meal for Routes Americas travel	Fairmont Hotel, Rio De Janeiro	Aviation	40.01
165	Meal for Routes Americas travel	Alfred Coffee	Aviation	10.89
166	Meal for Routes Americas travel	Ludacris' Chicken and Beer	Aviation	30.70
167	Airport parking	LAX Smart Parking	Aviation	20.80
168	Meal for Routes Americas travel	Brisa	Aviation	14.25
169	Ground transportation for Routes Americas travel	Amsturismo	Aviation	24.14
170	Meal for Routes Americas travel	Brisa	Aviation	15.20
171	Meal for Routes Americas travel	Brisa	Aviation	8.77
172	Ground transpiration for Inland Action advocacy trip - Washington D.C.	Uber	Executive Office	35.97
173	Ground transpiration for Inland Action advocacy trip - Washington D.C.	Uber	Executive Office	73.17
174	Ground transpiration for Inland Action advocacy trip - Washington D.C.	Uber	Executive Office	33.58
175	Lodging for Inland Action advocacy trip - Washington D.C.	Thompson Hotel	Executive Office	57.98
176	Ground transpiration for Inland Action advocacy trip - Washington D.C.	Uber	Executive Office	32.37
177	HR Conference in Sacramento, Apr 15-17	Society for Human Resource Management	Human Resources	800.00
178	Freeway Tolls - Motorola training	The Toll Roads	Information Technology	32.20
179	Freeway Tolls - Motorola training	The Toll Roads	Information Technology	41.25
180	Checked bag for NBAA conference	American Airlines	Luxivair-SBD	70.00
181	Checked bag for NBAA conference	American Airlines	Luxivair-SBD	70.00
182	Checked bag for NBAA conference	American Airlines	Luxivair-SBD	70.00
183	Ground transportation to convention	Uber	Luxivair-SBD	18.94
184	Ground transportation to convention	Uber	Luxivair-SBD	12.94
185	Ground transportation to convention	Uber	Luxivair-SBD	43.98
186	Ground transportation to convention	Uber	Luxivair-SBD	17.99
187	Ground transportation to convention	Uber	Luxivair-SBD	42.98
188	Airfare refund - Seat upgrade for Z.Carlson due to airline rebooking flight	American Airlines	Luxivair-SBD	(82.50)
189	Airfare refund - Seat upgrade for Z.Carlson due to airline rebooking flight	American Airlines	Luxivair-SBD	(152.54)
190	Lodging for Z.Carlson attending training in Ft. Meyers, FL	DoubleTree by Hilton	Luxivair-SBD	869.71
191	Lodging for R.Fajardo attending training in Ft. Meyers, FL	DoubleTree by Hilton	Luxivair-SBD	869.71
192	Checked baggage for NBAA Conference	American Airlines	Luxivair-SBD	35.00
193	Checked baggage for NBAA Conference	American Airlines	Luxivair-SBD	35.00
194	Ground transpiration for NBAA conference	Uber	Luxivair-SBD	42.99
				54,278.70
	VISA Statement Balance			54,278.70
	Date Prepared: 5/19/2026			

	TO: San Bernardino International Airport Authority Commission **DATE: May 27, 2026** **ITEM NO: 4** **PRESENTER: Mark Cousineau, Director of Finance**

SUBJECT: RECEIVE AND FILE TREASURER'S REPORT FOR MARCH 31, 2026 FOR THE SAN BERNARDINO INTERNATIONAL AIRPORT AUTHORITY (SBIAA)

SUMMARY

SBIAA's monthly Treasurer's Report that reconciles cash.

RECOMMENDED ACTION(S)

Receive and file Treasurer's Report for March 31, 2026 for the San Bernardino International Airport Authority (SBIAA).

FISCAL IMPACT

None.

PREPARED BY:	Mark Cousineau
CERTIFIED AS TO AVAILABILITY OF FUNDS:	N/A
APPROVED AS TO FORM AND LEGAL CONTENT:	N/A
FINAL APPROVAL:	Michael Burrows

BACKGROUND INFORMATION

Attached is the Treasurer's Report for March 31, 2026, for the San Bernardino International Airport Authority. The total book value of cash accounts is $7,621,765.55 on March 31, 2026. Bank statements reflect $7,754,731.51. The difference between the two numbers is related to the outstanding checks, the deposits in transit, and other items March 31, 2026.

If you have any questions about this report, please contact me at (909) 382-4100 x141.

Attachments:

1. Treasurer's Report for March 31, 2026

SAN BERNARDINO INTERNATIONAL AIRPORT AUTHORITY

Treasurer Report

March 31, 2026

Cash	Balance 02/28/26	Activities	Balance 03/31/26
Checking Account - Wells Fargo Bank	$ 2,300,169.25	$ 2,786,813.40	$ 5,086,982.65
Deposits In Transit:			
Beginning	195.00	(195.00)	-
Ending		710.00	710.00
Outstanding Checks:			
Beginning	(54,186.51)	54,186.51	-
Ending		(133,675.96)	(133,675.96)
Premium Money Market Account - Wells Fargo Bank	800,942.25	326.59	801,268.84
Deposits In Transit:			
Beginning			
Ending			
Payroll Account - Wells Fargo Bank	-	-	-
Outstanding Checks:			
Beginning	-	-	-
Ending	-	-	-
Subtotal	3,047,119.99	2,708,165.54	5,755,285.53
Investments			
Local Agency Investment Funds	364,430.40	-	364,430.40
Deposits In Transit:			
Beginning			
Ending			
Subtotal	364,430.40	-	364,430.40
Investments Held With Fiscal Agent			
Debt Service Fund-US Bank-2021A series	652,334.95	141,445.68	793,780.63
		-	
Reserve Fund- US Bank 2021A series	544,460.93	1,377.48	545,838.41
Debt Service Fund-US Bank-2021B series	76,880.01	16,512.87	93,392.88
Reserve Fund -US Bank-2021B series	68,863.48	174.22	69,037.70
Subtotal	1,342,539.37	159,510.25	1,502,049.62
Total Cash and Investments	$ 4,754,089.76	2,867,675.79	$ 7,621,765.55

I certify that this report accurately reflects all cash and investments for the above period and all the investment is in compliance with San Bernardino International Airport Authority's Investment policy. San Bernardino International Airport Authority shall be able to meet it's expenditure requirment for next six month, anticipating operational fund receipts from IVDA.

Mark W Cousineau

Mark Cousineau, Treasurer

	TO: San Bernardino International Airport Authority Commission **DATE: May 27, 2026** **ITEM NO: 5** **PRESENTER: Michael Burrows, Chief Executive Officer**

SUBJECT: AUTHORIZE STAFF TO ADVERTISE A REQUEST FOR QUALIFICATIONS FOR DESIGN BUILD SERVICES FOR THE PHASE II - GENERAL AVIATION HANGAR DEVELOPMENT PROJECT

SUMMARY

Approval of this item would authorize staff to advertise a Request for Qualifications for the Phase II – General Aviation Development Project. The Request for Qualifications provides an invitation for developer and contractor teams to submit qualifications to participate in delivering design and development services for the Phase II – General Aviation Hangar Development Project.

RECOMMENDED ACTION(S)

Authorize staff to advertise a Request for Qualifications for the Phase II – General Aviation Hangar Development Project in accordance with the agency's policies and procedures.

FISCAL IMPACT

None. Funding for these services will be included in the proposed San Bernardino International Airport Authority (SBIAA) Fiscal Year 2026-2027 Budget as a Capital Improvement Project, Project Number 25s078 – General Aviation Hangars Budget Class 63 – Capital Improvements and Budget Class 52 – Contractual Services.

PREPARED BY:	Griselda Lizarraga
CERTIFIED AS TO AVAILABILITY OF FUNDS:	Mark Cousineau
APPROVED AS TO FORM AND LEGAL CONTENT:	Scott Huber
FINAL APPROVAL:	Michael Burrows

BACKGROUND INFORMATION

The Phase II – General Aviation Development Project expands on the recent progress and increased activity in the general aviation area of the airport by creating an opportunity for qualified hangar developers and operators to pursue construction of a new 3rd row of box hangars north of the current SBIAA-owned T-Hangars (see attached site map). With preliminary design plans prepared by Burns McDonnell, the project is prepared to transition to the next phase wherein potential developer/operators could complete the permitting and construction of the new facilities. To proceed further with the project, a formal Request for Qualifications (RFQ) needs to be issued. Under this RFQ, developer and contractor teams will submit qualifications to participate in delivering development services for the design, engineering, value engineering, development and construction of new hangar building systems and improvements to complete the Phase II – General Aviation Hangar Development Project.

Approval of the above recommended action will provide the necessary authorization to allow staff to issue an RFQ to firms that specialize in development services. Proposals received from this RFQ solicitation will be evaluated, with the most qualified firm to be selected and presented to the SBIAA Commission for consideration and approval at a future meeting.

Staff recommends the Commission approve the above recommended action.

Attachments:

1. Form of Draft Request for Qualifications
2. Conceptual Design Plan excerpts

San Bernardino International Airport Authority
1601 East Third Street, Suite 100
San Bernardino, CA 92408

Request for Qualifications for
Phase II General Aviation Hangar Development Project

1. INTRODUCTION

The San Bernardino International Airport Authority (SBIAA) (a joint powers authority comprised of the County of San Bernardino and the cities of Colton, Highland, Loma Linda, and San Bernardino) is issuing a Request for Qualifications (RFQ) to solicit responses from qualified developer and contractor teams with the vision, resources and expertise to enter into a development agreement and ground lease with the SBIAA for the buildout and operation of the Phase II General Aviation Hangar Development Project affecting an approximately 200,000 square foot parcel of SBIAA owned vacant land. In recent years, the SBIAA has made substantial investments in building, hangar, and terminal improvements, parking lot and other facility upgrades. This project would create a third row of box hangars for the developer/ground lessee to lease to future general aviation customers and tenants. SBIAA has previously installed underground utilities to the site, completed adjacent ramp and paving improvements, and established pre-entitled, and developable general aviation hangar site on the parcel.

The building is located at ___ Victoria Avenue in San Bernardino at the San Bernardino International Airport. This facility was a ground up construction completed in 2016 including general aviation infrastructure on the first and second rows of general aviation hangars, totaling 12_box hangars and_18_T-hangars located immediately south of the developable pad for the Phase II project (See attached Site Map, Exhibit "A").

1.1 Submission Deadline

For full consideration, response to this RFQ is due at the SBIAA's administrative office located at 1601 E. Third Street, Suite 100, San Bernardino, CA 92408 no later than Wednesday, _____, 2026 at 2:00 p.m. Please submit one (1) signed original copy of the RFQ addressed to the attention of Ms. Jillian Ubaldo, Clerk of the Board. In bold lettering, mark the envelope with the following words: **"RFQ for Phase II General Aviation Hangar Development Project"**.

2. RFQ DESCRIPTION

This Request for Qualifications is to invite developer and contractor teams to submit qualifications to participate in delivering development services for the final design, engineering, value engineering, development, financing, and construction of compliant and conforming hangar facilities and improvements to complete the Phase II General Aviation Hangar Development Project.

3. SCOPE OF SERVICES

Subject to negotiation, approval, and execution of a separate ground lease agreement with the selected firm/developer– which shall govern the future operation and use of the proposed Phase II General Aviation Hangar Development Project facilities – the selected firm shall work under the direction of the SBIAA and in close coordination and collaboration with SBIAA's conceptual design engineer-of-record (Burns McDonald). The selected team shall provide comprehensive design, engineering, value engineering, financing, permit support, and construction services for the full-scale development and construction of the Phase II General Aviation Hangar Development Project. All aspects of the project will be subject to plan check and permitting through the SBIAA and City of San Bernardino. SBIAA shall serve as lead agency for any supplemental CEQA related processes.

4. SELECTION AND AWARD SCHEDULE

The following milestones are provided for reference only. The SBIAA reserves the right to modify the dates presented herein at its own sole discretion.

Issue RFQ	May __, 2026
Non-mandatory walk-through of facility	June __, 2026
Deadline for Questions	June ____, 2026
Proposal due date	June __, 2026
Optional Interviews Week of	June , 2026
Selection and notification Week of	June ___, 2026
Approval by Board	July ___, 2026

5. QUALIFICATION REQUIREMENTS.

The SBIAA requires the following qualifications from respondents:

- Must be properly licensed with the State of California and local regulators in the areas of expertise, including providing evidence that the members of the project team have completed, or demonstrated the experience, competency, capability, and capacity to complete projects of similar size, scope, or complexity.
- Proposed key personnel must have sufficient experience and training to competently manage and complete the design and construction of the project, and a financial statement that ensures that the contracting entity has the capacity to complete the project.
- Must possess prior experience with projects at a U.S. commercial airport(s).
- Must possess the licenses, registration, and credentials required to design and construct the project, including, but not limited to, information on the revocation or suspension of any license, credential, or registration.
- Must provide evidence that establishes that the contracting entity has the capacity to obtain all required payment and performance bonding, liability insurance, and errors and omissions insurance.
- Must provide information concerning workers' compensation experience history and a worker safety program.

- Must provide evidence of an acceptable safety record. A proposer's safety record shall be deemed acceptable if its experience modification rate for the most recent three-year period is an average of 1.00 or less, and its average total recordable injury or illness rate and average lost work rate for the most recent three-year period does not exceed the applicable statistical standards for its business category or if the proposer is a party to an alternative dispute resolution system as provided for in Section 3201.5 of the Labor Code.
- The information required under this RFQ shall be certified under penalty of perjury by the contracting entity and its general partners or joint venture members, as applicable.
- The proposing entity shall not be prequalified or short-listed unless the entity provides an enforceable commitment to the SBIAA that the entity and its subcontractors at every tier will use a skilled and trained workforce to perform all work on the project or contract that falls within an apprenticeable occupation in the building and construction trades, in accordance with applicable law under the State of California, specifically Chapter 2.9 (commencing with Section 2600) of Part 1 of the Public Contract Code.
- Must complete the Conflict of Interest Form, attached hereto as Exhibit "B" as part of its submission.
- Be able to provide past project references and examples of completion of similarly scaled and sized design and construction projects in the region.

6. SELECTION PROCESS

A Selection Committee designated by the SBIAA will evaluate the RFQs. The selection committee may short-list RFQs after the initial evaluation and interviews will be scheduled thereafter.

7. PRE-SUBMITTAL ACTIVITIES

7.1. Questions Concerning RFQ – In order to control the dissemination of information regarding this RFQ, organizations interested in submitting an RFQ shall not make personal contact with any member of the SBIAA staff members other than Jeff Barrow, Director of Development. Questions regarding this RFQ shall be submitted no later than Wednesday, _____, 2026 at 2:00 p.m. All questions must be directed via e-mail to the individual listed below:

Mr. Jeff Barrow, Director of Development
San Bernardino International Airport Authority
1601 E. Third Street, Suite 100
San Bernardino, CA 92408
(909) 382-4100, Ext. 810
Fax: (909) 382-4106
Email: jbarrow@sbdairport.com

7.2 Non-mandatory facility walk-through – A non-mandatory walk-through will be held on Wednesday, ___ 2026 at 10:00 a.m. local time beginning at the main entrance at 275 N. Leland Norton Way, San Bernardino, CA 92408. All respondents to this RFQ are encouraged to attend the walk-through.

7.3 Revision to the Request for Statement of Qualifications. The SBIAA reserves the right to revise this RFQ. Revisions, in the form of an Addendum to this RFQ will be posted on the SBIAA website at www.SBIAAjpa.org/business-opportunities. It is the sole responsibility of interested parties to check the website regularly for updates related to this RFQ. No information or addendums will be sent directly to any interested parties.

8. SPECIAL CONDITIONS

General – The SBIAA reserves the right to cancel, in part or in its entirety, this RFQ including but not limited to, selection schedule, submittal date, and submittal requirements. If the SBIAA cancels or revises this RFQ, it will be posted on the SBIAA website. The SBIAA reserves the right to interview and request additional information and clarifications from any responders to this RFQ. Selection announcements, contract awards, and all data provided by the SBIAA shall be protected from public disclosure.

9. ATTACHMENTS TO THIS RFQ

Exhibit A: 10% Design Report
Exhibit B: Conflict of Interest Form
Exhibit C: Scope of Services
Exhibit D: FAA Provisions for Solicitations

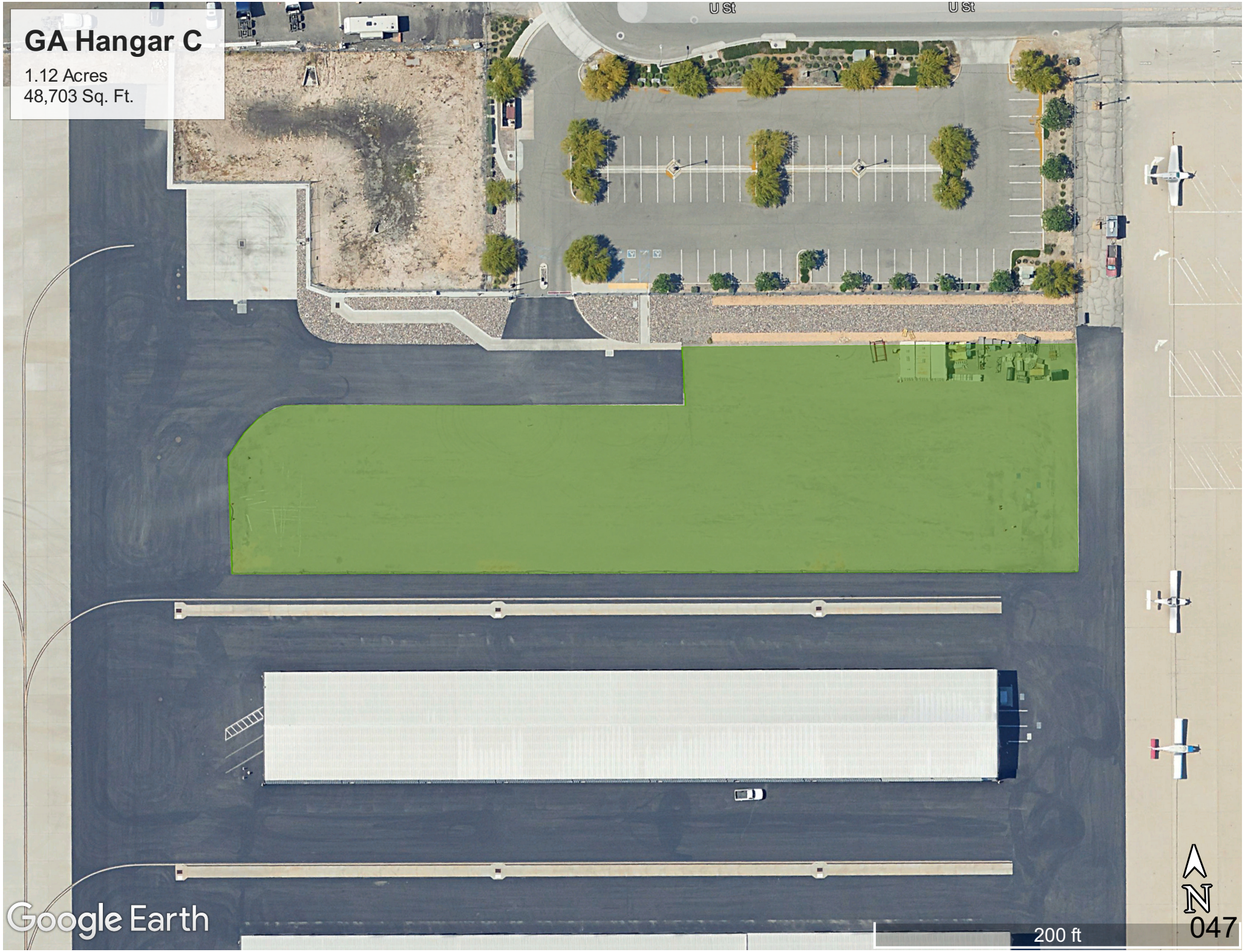
Exhibit “A”

10% Design Report

Exhibit “B”
SCOPE OF SERVICES

Exhibit “C”
CONFLICT OF INTEREST FORM

Exhibit D
FAA PROVISIONS FOR SOLICITATIONS


GA Hangar C
1.12 Acres
48,703 Sq. Ft.
U St
U St
Google Earth
200 ft
N
047

	TO: San Bernardino International Airport Authority Commission **DATE: May 27, 2026** **ITEM NO: 6** **PRESENTER: Jeff Barrow, Director of Development**

SUBJECT: AUTHORIZE STAFF TO ADVERTISE THE IRP 2 LANDFILL SURFACE REPAIR (PHASE II) PROJECT

SUMMARY

Approval of this item would authorize staff to advertise a Notice Inviting Bids for the IRP 2 Landfill Surface Repair (Phase II) Project. The scope of work for this project provides for repairs to the IRP Site 2 Landfill. This project will be procured in accordance with the agency's policies and procedures.

RECOMMENDED ACTION(S)

Authorize staff to advertise improvements to the IRP 2 Landfill Surface Repair (Phase II) Project in accordance with the agency's policies and procedures.

FISCAL IMPACT

None. Funding for this project will be included in the proposed San Bernardino International Airport Authority (SBIAA) Fiscal Year 2026-2027 Budget as a Capital Improvement Project, Project Number - 25s063 – Landfill Pavement Repairs.

PREPARED BY:	Griselda Lizarraga
CERTIFIED AS TO AVAILABILITY OF FUNDS:	Mark Cousineau
APPROVED AS TO FORM AND LEGAL CONTENT:	Scott Huber
FINAL APPROVAL:	Michael Burrows

BACKGROUND INFORMATION

The IRP Site 2 Landfill is located at 3465 E 3rd Street in San Bernardino, California. The site, formerly utilized as a landfill for the Norton Air Force Base operations, prior to the base closure in 1993, is now under the ownership and maintenance responsibility of the San Bernardino International Airport Authority (SBIAA). SBIAA is responsible for the ongoing maintenance and repair of the landfill structures and the surrounding paved areas.

The IRP Site 2 Landfill property is currently leased to the Home Depot for the storage of shipping containers, providing a significant source of revenue for SBIAA. The combination of heavy container traffic and prolonged exposure to elevated temperatures has resulted in substantial deterioration of concrete and structural elements throughout the site. The proposed project calls for repairs to the parking lot entrance, utility vaults, and drainage enhancements. Among the work is removals, new concrete, new curbs and gutter, new rip rap and stone splash pad, new striping, and bollard replacements. This project supports SBIAA's continued commitment to providing safe and efficient facilities for its tenants.

Approval of the above recommended action will provide the necessary authorization for staff to advertise bids for the work described. Following receipt and review of bids, the lowest responsible bid will be presented to the SBIAA Commission for consideration and approval.

Staff recommends the Commission approve the above recommended action.

Attachments:

1. Site Map
2. Plans
3. Project Provisions

SITE MAP

IRP SITE 2 LANDFILL

SAN BERNARDINO INTERNATIONAL AIRPORT AUTHORITY

INDEX OF SHEETS

SHEET NUMBER	SHEET DESIGNATION	DESCRIPTION
1	G-01	COVER SHEET AND INDEX
2	G-02	GENERAL NOTES, LEGEND, AND ABBREVIATIONS
3	G-03	SURVEY CONTROL PLAN
4	G-04	SITE PLAN - GENERAL LAYOUT
5	D-01	DEMOLITION PLAN - SHEET 1 OF 2
6	D-02	DEMOLITION PLAN - SHEET 2 OF 2
7	C-01	PROPOSED CONCRETE ENTRANCE
8	C-02	CURB CUTOUT
9	C-03	SLOPE DRAIN - GENERAL LAYOUT
10	C-04	UTILITY VAULT REPAIR
11	ST-01	STRIPING PLAN
12	DT-01	VAULT DETAILS

SBD International Airport

LOCATION MAP
3465 E. 3RD STREET
SAN BERNARDINO, CALIFORNIA 92346
NOT TO SCALE

SAN BERNARDINO INTERNATIONAL AIRPORT AUTHORITY PARKING LOT ENTRANCE, UTILITY VAULTS, AND DRAINAGE ENHANCEMENTS

WILSON & COMPANY
275 W. HOSPITALITY LN STE. 315
SAN BERNARDINO, CALIFORNIA 92408
PHONE: 909-806-8000
FAX: 909-806-8099

DATE	DESCRIPTION	BY
3/16/2026	90% DESIGN SUBMITTAL	
4/22/2026	100% DESIGN SUBMITTAL	
5/12/2026	ISSUE FOR BID	

PRINTED:5/12/2026 TIME:1:36:59 PM BY:BJParker WRKSPC: OpenRailDesigner_USSFT
PATH:C:\Users\bjparker\AppData\Local\Bentley\ProjectWise\wci_projects\d0818751\G-02.dgn

GENERAL NOTES

1. ALL AREAS OF CONSTRUCTION ARE TO BE PROTECTED FROM NORMAL PARKING LOT OPERATIONS DURING CONSTRUCTION. ALL BARRICADES, WARNING SIGNS, LIGHTS, DEVICES, ETC. FOR THE GUIDANCE AND PROTECTION OF TRAFFIC AND PEDESTRIANS MUST CONFORM TO THE INSTALLATION SHOWN IN THE MANUAL OF THE UNIFORM TRAFFIC CONTROL DEVICES, AS CURRENTLY AMENDED BY CALTRANS.

2. ALL TRAFFIC SIGNS SHALL BE HIGH INTENSITY GRADE SHEETING.

3. CONTRACTOR SHALL MAKE TWICE DAILY INSPECTIONS OF BARRICADES AND FLASHING LIGHTS TO INSURE PROPER FUNCTIONING OF WARNING DEVICES.

4. INFORMATION SHOWN ON THESE PLANS CONCERNING TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING DETERMINATION AS TO TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. THE CONTRACTOR SHALL VERIFY LOCATION OF UNDERGROUND PIPELINES, CONDUITS, AND STRUCTURES BY CONTACTING THE OWNERS OF THE UNDERGROUND UTILITIES AND PROSPECTING IN ADVANCE OF EXCAVATION OPERATIONS.

5. DIG ALERT 1-800-227-2600.

6. CONTRACTOR TO COORDINATE WITH SAN BERNARDINO INTERNATIONAL AIRPORT AUTHORITY REGARDING DISTURBANCE OF ANY UTILITIES THAT REQUIRE RELOCATION.

7. NO FIELD CHANGES WILL BE PERMITTED WITHOUT DIRECT AUTHORIZATION FROM SAN BERNARDINO INTERNATIONAL AIRPORT AUTHORITY.

8. THE CONTRACTOR IS RESPONSIBLE FOR THE WATER DURING CONSTRUCTION. COSTS OF PROVIDING WATER SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT BID ITEMS AND NO DIRECT PAYMENT SHALL BE MADE THEREOF.

9. THE CONTRACTOR WILL BE REQUIRED TO SUBMIT A NPDES STORM WATER PERMIT PER THE EPA AND CEQA REGULATIONS.

10. QUANTITIES:

CLEARING AND GRUBBING	1 LS
ASPHALT BERM REMOVAL	20 LF
ASPHALT PAVEMENT REMOVAL 4" DEPTH	21 CY
REMOVE TOP 2" OF AGGREGATE BASE	10 CY
CONCRETE SWALE REMOVAL	30 SY
CONCRETE CURB REMOVAL	4 LF
PROPOSED CONCRETE 8" DEPTH	48 CY
PROPOSED UTILITY VAULT COVERS	4 EA
PROPOSED CONCRETE SWALE	1.33 SY
PROPOSED 4" STRIPING	804 LF
PROPOSED CONCRETE CURB	18 LF
PROPOSED CONCRETE CURB AND GUTTER	16 LF
PROPOSED 35' CORRUGATED METAL FLUME	1 EA
PROPOSED GROUTED STONE SPLASH PAD	56 SF
PROPOSED RIP RAP	0.36 TON
PROPOSED AGGREGATE BASE	2.10 CY
REPLACE BOLLARD	2 EA

LEGEND

- SUBGRADE
- FOUNDATION SOIL
- PROPOSED ASPHALT SURFACE
- PROPERTY LIMITS
- EXISTING FENCE LINE
- SURVEY CONTROL POINT
- 1190 EXISTING CONTOURS
- REMOVE EXISTING ASPHALT
- REMOVE LOOSE SOILS
- PROPOSED CONCRETE
- PROPOSED RIVER ROCK

ABBREVIATIONS

AGGR	AGGREGATE
°	DEGREE (S)
C&G	CURB AND GUTTER
CM	CORRUGATED METAL
E	EASTING
EX	EXISTING
EL	ELEVATION
L.F.	LINEAR FOOT
LFG	LANDFILL GAS
MAX.	MAXIMUM
MIN.	MINIMUM
N	NORTHING
NTS	NOT TO SCALE
O.C.	ON CENTER
SBCFCD	SAN BERNARDINO COUNTY FLOOD CONTROL DISTRICT
SBIAA	SAN BERNARDINO INTERNATIONAL AIRPORT AUTHORITY
TYP.	TYPICAL

ISSUE FOR BID

REV	DATE	DESCRIPTION	BY / SUB	APP

REGISTERED PROFESSIONAL ENGINEER — LUCAS DANIEL REED — NO. C98488 — Exp. 9-30-2027 — CIVIL — STATE OF CALIFORNIA

DESIGNED BY	BJP
DRAWN BY	SRP
CHECKED BY	JSR
APPROVED BY	LDR
DATE	05-12-26

SBD International Airports
WILSON & COMPANY
275 WEST HOSPITALITY LANE, STE. 315
SAN BERNARDINO, CALIFORNIA 92408
PHONE: 909-806-8000
FAX: 909-806-8099

SAN BERNARDINO INTERNATIONAL AIRPORT AUTHORITY

PARKING LOT ENTRANCE, UTILITY VAULTS, AND DRAINAGE ENHANCEMENTS

GENERAL NOTES, LEGEND, AND ABBREVIATIONS

CONTRACT NO.	26-000-118-00
DRAWING NO.	G-02
REVISION	
SHEET NO.	2 OF 12
SCALE	NONE

PRINTED:5/12/2026 TIME:1:37:24 PM BY:BJParker WRKSPC: OpenRailDesigner_USSFT
PATH:c:\users\bjparker\appdata\local\bentley\projectwise\wci_projects\d0818751\G-03.dgn.DGN

2" BC IN CONCRETE
N=1861997.23
E=6799050.58
EL=1171.12'

EXISTING MASONRY BLOCK WALL

3RD STREET

2" BC IN CONCRETE
N=1861954.76
E=6799967.06
EL= 1181.58'

HEADWALL

GATE

WEST ENTRANCE GATE

EXISTING UTILITY VAULT, TYP.

EAST ENTRANCE GATE

ADJACENT PROPERTY
MATICH PROPERTIES LLC
(WEST END)

ADJACENT PROPERTY
INLAND VALLEY
DEVELOPMENT AGENCY
(EAST END)

EXISTING LFG TRENCH

EXISTING LFG TRENCH

EXISTING LFG TRENCH

SCE VAULT

EXISTING FENCE

SBIAA PROPERTY LIMITS

N

60 30 0 60 120
SCALE 1"= 60'

NOTES:
1. CONTRACTOR TO PROTECT IN PLACE THE LFG TRENCH IN ALL AREAS OF PROPOSED REPAIR. SEE IRP SITE 2 LANDFILL CLOSURE PLANS IN SPECIAL PROVISIONS FOR DETAILS.

ISSUE FOR BID

REV	DATE	DESCRIPTION	BY / SUB	APP

REGISTERED PROFESSIONAL ENGINEER
LUCAS DANIEL REED
No. C90488
Exp. 9-30-2027
CIVIL
STATE OF CALIFORNIA

DESIGNED BY	BJP
DRAWN BY	SRP
CHECKED BY	JSR
APPROVED BY	LDR
DATE	05-12-26

SBD International Airports

WILSON & COMPANY

275 WEST HOSPITALITY LANE, STE. 315
SAN BERNARDINO, CALIFORNIA 92408
PHONE: 909-806-8000
FAX: 909-806-8099

SAN BERNARDINO INTERNATIONAL AIRPORT AUTHORITY

PARKING LOT ENTRANCE, UTILITY VAULTS, AND DRAINAGE ENHANCEMENTS

SURVEY CONTROL PLAN

CONTRACT NO.	26-000-118-00
DRAWING NO.	G-03
REVISION	SHEET NO. 3 OF 12
SCALE	AS SHOWN

PRINTED:5/12/2026 TIME:1:37:36 PM BY:BJParker WRKSPC: OpenRailDesigner_USSFT
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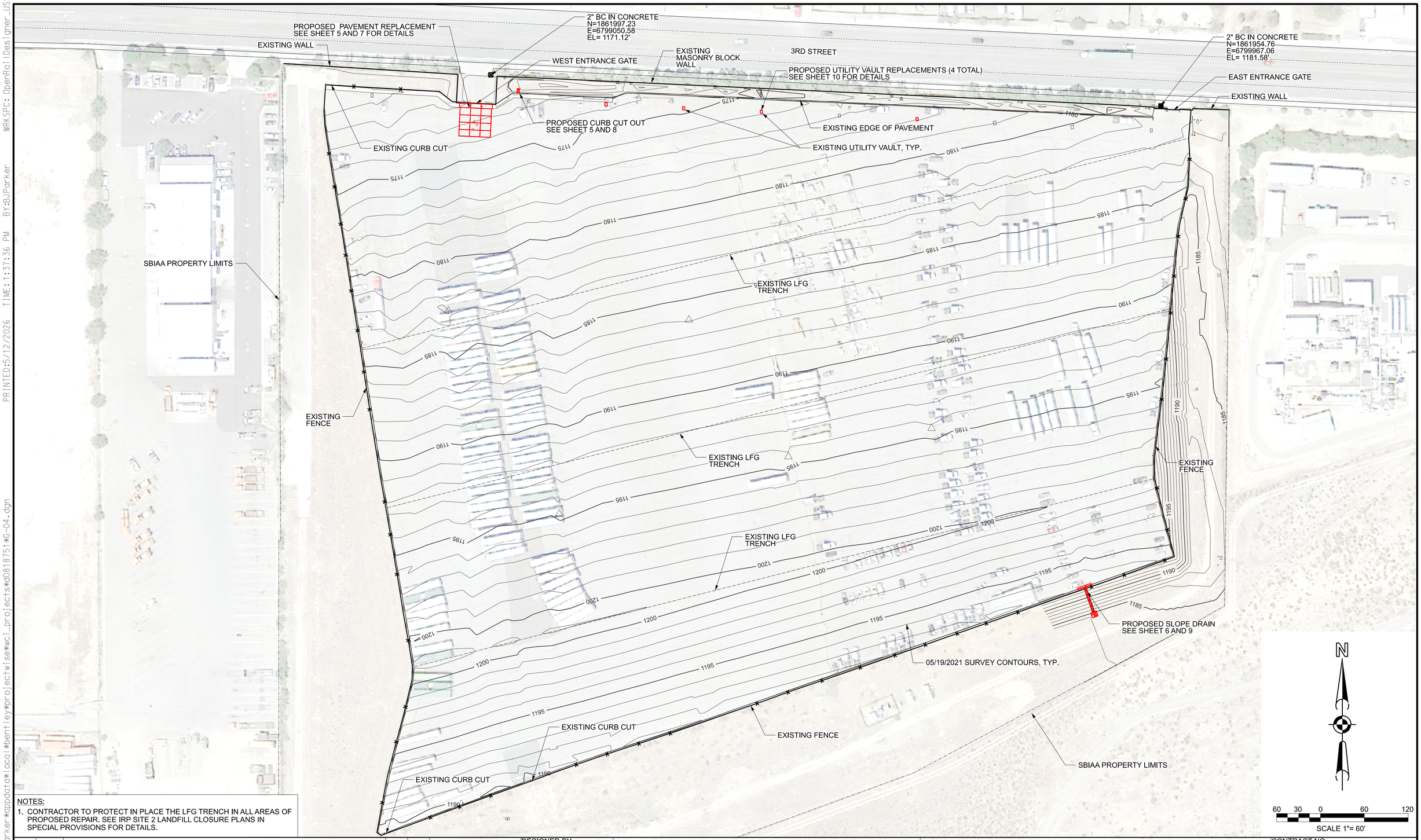


NOTES:
1. CONTRACTOR TO PROTECT IN PLACE THE LFG TRENCH IN ALL AREAS OF PROPOSED REPAIR. SEE IRP SITE 2 LANDFILL CLOSURE PLANS IN SPECIAL PROVISIONS FOR DETAILS.

N

60 30 0 60 120
SCALE 1"= 60'

ISSUE FOR BID

REV	DATE	DESCRIPTION	BY	SUB	APP

REGISTERED PROFESSIONAL ENGINEER
LUCAS DANIEL REED
No. C91488
Exp. 6-30-2027
CIVIL
STATE OF CALIFORNIA

DESIGNED BY	BJP
DRAWN BY	SRP
CHECKED BY	JSR
APPROVED BY	LDR
DATE	05-12-26

SBD International Airports

WILSON & COMPANY

275 WEST HOSPITALITY LANE, STE. 315
SAN BERNARDINO, CALIFORNIA 92408
PHONE: 909-806-8000
FAX: 909-806-8099

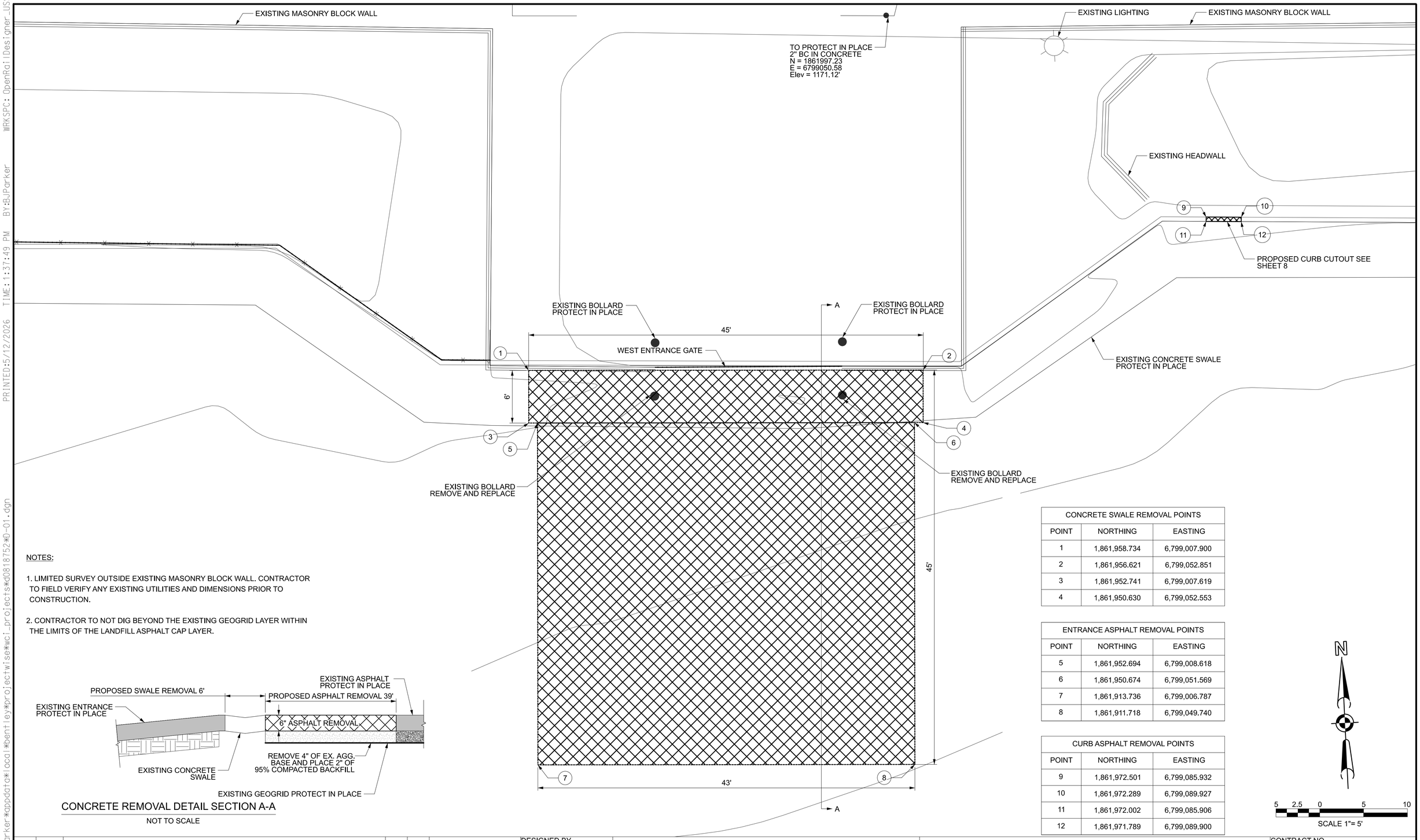
SAN BERNARDINO INTERNATIONAL AIRPORT AUTHORITY

PARKING LOT ENTRANCE, UTILITY VAULTS, AND DRAINAGE ENHANCEMENTS

SITE PLAN - GENERAL LAYOUT

CONTRACT NO.	26-000-118-00
DRAWING NO.	G-04
REVISION	
SHEET NO.	4 OF 12
SCALE	AS SHOWN

PATH:c:\users\bjparker\appdata\local\bentley\projectwise\wci_projects\d0818752\D-01.dgn PRINTED:5/12/2026 TIME:1:37:49 PM BY:BJParker WRKSPC: OpenRailDesigner_USSFT



NOTES:

1. LIMITED SURVEY OUTSIDE EXISTING MASONRY BLOCK WALL. CONTRACTOR TO FIELD VERIFY ANY EXISTING UTILITIES AND DIMENSIONS PRIOR TO CONSTRUCTION.

2. CONTRACTOR TO NOT DIG BEYOND THE EXISTING GEOGRID LAYER WITHIN THE LIMITS OF THE LANDFILL ASPHALT CAP LAYER.

CONCRETE REMOVAL DETAIL SECTION A-A

NOT TO SCALE

CONCRETE SWALE REMOVAL POINTS		
POINT	NORTHING	EASTING
1	1,861,958.734	6,799,007.900
2	1,861,956.621	6,799,052.851
3	1,861,952.741	6,799,007.619
4	1,861,950.630	6,799,052.553

ENTRANCE ASPHALT REMOVAL POINTS		
POINT	NORTHING	EASTING
5	1,861,952.694	6,799,008.618
6	1,861,950.674	6,799,051.569
7	1,861,913.736	6,799,006.787
8	1,861,911.718	6,799,049.740

CURB ASPHALT REMOVAL POINTS		
POINT	NORTHING	EASTING
9	1,861,972.501	6,799,085.932
10	1,861,972.289	6,799,089.927
11	1,861,972.002	6,799,085.906
12	1,861,971.789	6,799,089.900

REV	DATE	DESCRIPTION	BY SUB	APP
		ISSUE FOR BID		

LUCAS DANIEL REGISTERED PROFESSIONAL ENGINEER No. C94488 Exp. 9-30-2027 CIVIL STATE OF CALIFORNIA

DESIGNED BY	BJP
DRAWN BY	SRP
CHECKED BY	JSR
APPROVED BY	LDR
DATE	05-12-26

SBD International Airport

WILSON & COMPANY

275 WEST HOSPITALITY LANE, STE. 315
SAN BERNARDINO, CALIFORNIA 92408
PHONE: 909-806-8000
FAX: 909-806-8099

SAN BERNARDINO INTERNATIONAL AIRPORT AUTHORITY

PARKING LOT ENTRANCE, UTILITY VAULTS, AND DRAINAGE ENHANCEMENTS

DEMOLITION PLAN - SHEET 1 OF 2

CONTRACT NO.	26-000-118-00
DRAWING NO.	D-01
REVISION	
SHEET NO.	5 OF 12
SCALE	AS SHOWN

PRINTED:5/12/2026 TIME:1:38:01 PM BY:BJParker WRKSPC: OpenRailDesigner_USSFT
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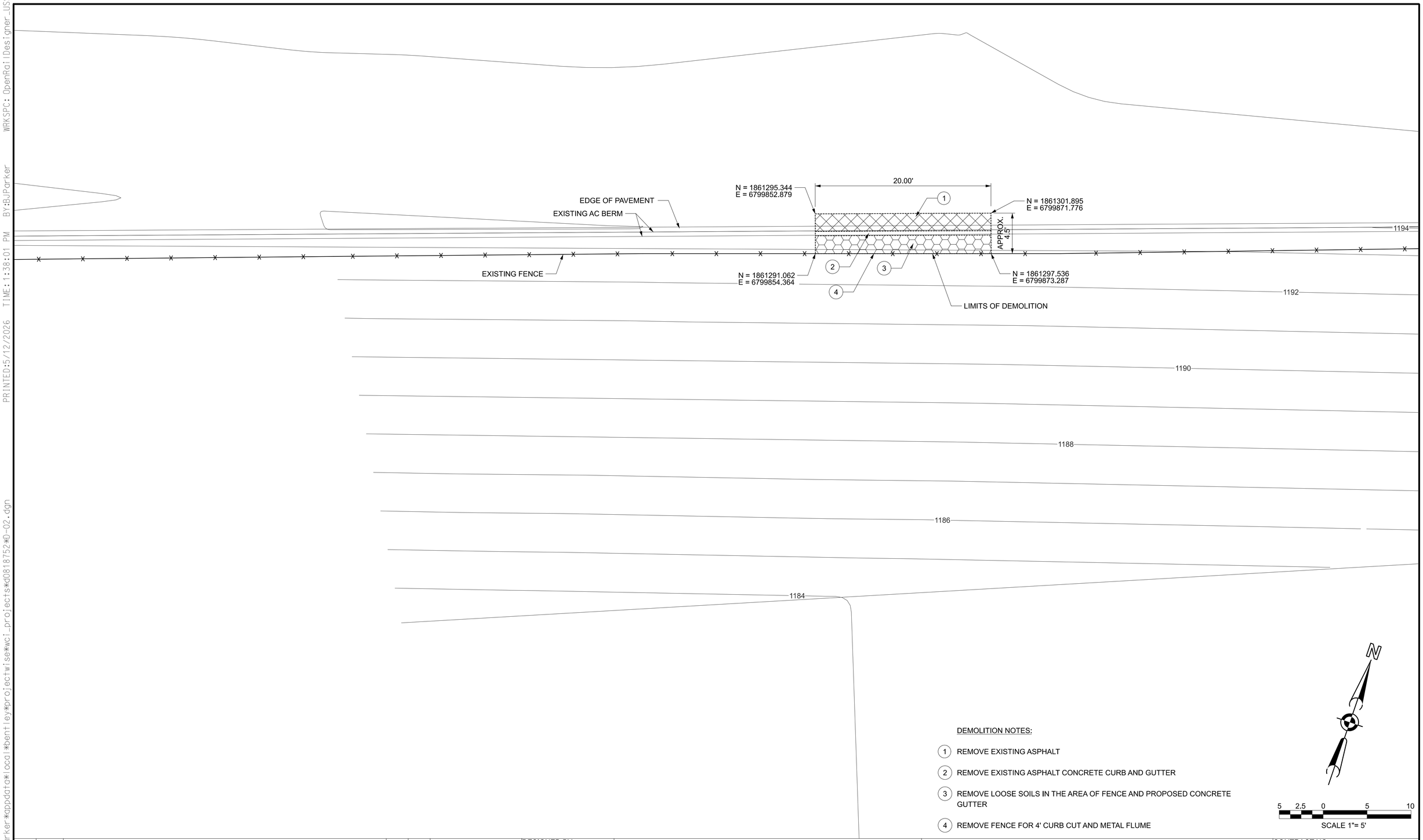

DEMOLITION NOTES:

1. REMOVE EXISTING ASPHALT
2. REMOVE EXISTING ASPHALT CONCRETE CURB AND GUTTER
3. REMOVE LOOSE SOILS IN THE AREA OF FENCE AND PROPOSED CONCRETE GUTTER
4. REMOVE FENCE FOR 4' CURB CUT AND METAL FLUME

N

5 2.5 0 5 10
SCALE 1"= 5'

ISSUE FOR BID

REV	DATE	DESCRIPTION	BY / SUB	APP

REGISTERED PROFESSIONAL ENGINEER
LUCAS DANIEL RICHTER
NO. C91488
Exp. 1-31-2027
CIVIL
STATE OF CALIFORNIA

DESIGNED BY	BJP
DRAWN BY	BJP
CHECKED BY	JSR
APPROVED BY	LDR
DATE	05-12-26

SBD International Airports

WILSON & COMPANY

275 WEST HOSPITALITY LANE, STE. 315
SAN BERNARDINO, CALIFORNIA 92408
PHONE: 909-806-8000
FAX: 909-806-8099

SAN BERNARDINO INTERNATIONAL AIRPORT AUTHORITY

PARKING LOT ENTRANCE, UTILITY VAULTS, AND DRAINAGE ENHANCEMENTS

DEMOLITION PLAN - SHEET 2 OF 2

CONTRACT NO.	26-000-118-00
DRAWING NO.	D-02
REVISION	
SHEET NO.	6 OF 12
SCALE	AS SHOWN

PRINTED:5/12/2026 TIME:1:38:12 PM BY:BJParker WRKSPC:OpenRailDesigner_USSFT
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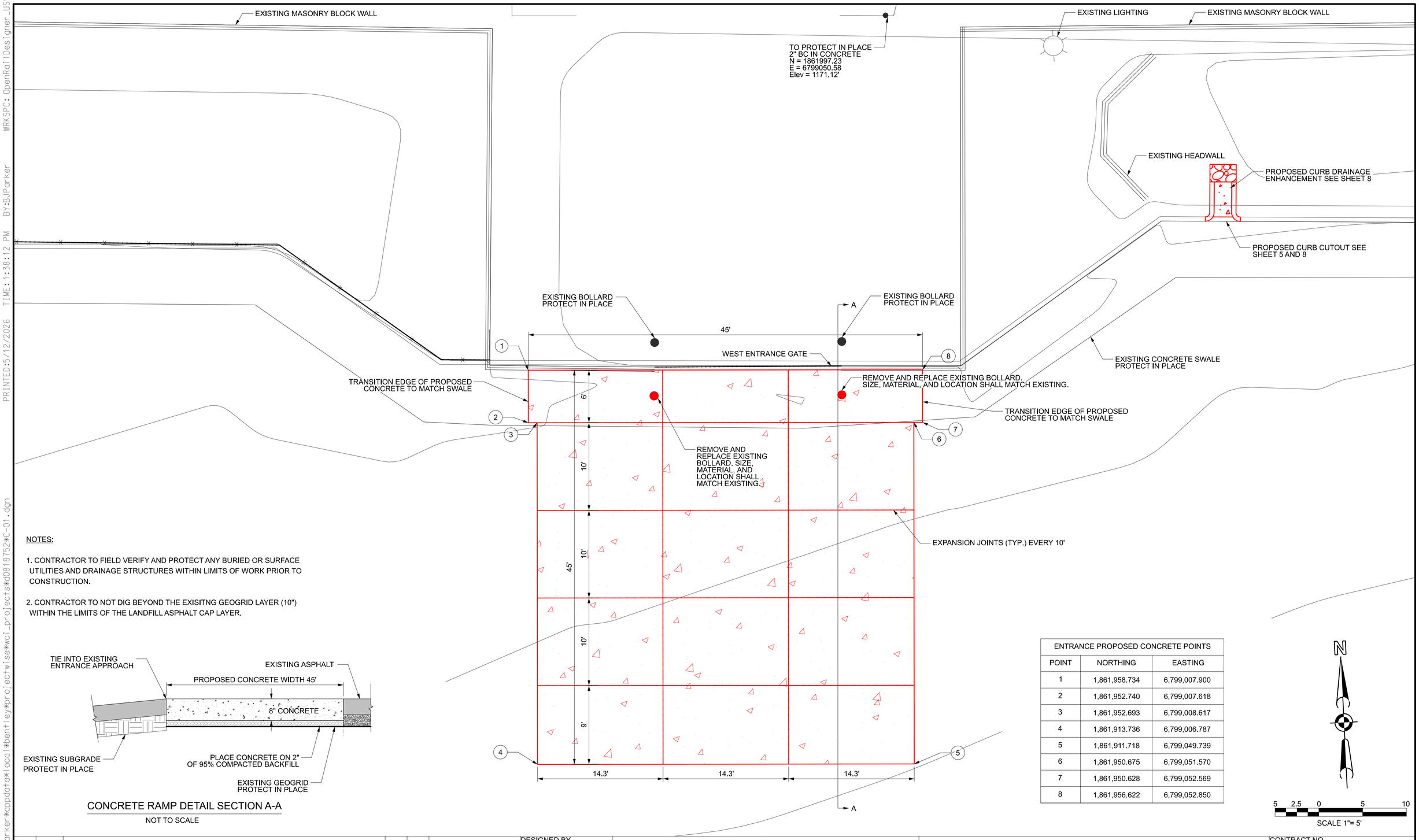

NOTES:

1. CONTRACTOR TO FIELD VERIFY AND PROTECT ANY BURIED OR SURFACE UTILITIES AND DRAINAGE STRUCTURES WITHIN LIMITS OF WORK PRIOR TO CONSTRUCTION.

2. CONTRACTOR TO NOT DIG BEYOND THE EXISITNG GEOGRID LAYER (10") WITHIN THE LIMITS OF THE LANDFILL ASPHALT CAP LAYER.

CONCRETE RAMP DETAIL SECTION A-A

NOT TO SCALE

ENTRANCE PROPOSED CONCRETE POINTS		
POINT	NORTHING	EASTING
1	1,861,958.734	6,799,007.900
2	1,861,952.740	6,799,007.618
3	1,861,952.693	6,799,008.617
4	1,861,913.736	6,799,006.787
5	1,861,911.718	6,799,049.739
6	1,861,950.675	6,799,051.570
7	1,861,950.628	6,799,052.569
8	1,861,956.622	6,799,052.850

N

5 2.5 0 5 10

SCALE 1"= 5'

ISSUE FOR BID

REV	DATE	DESCRIPTION	BY	SUB	APP

REGISTERED PROFESSIONAL ENGINEER LUCAS DANIEL RAMOS No. C091488 Exp. 6-30-2027 CIVIL STATE OF CALIFORNIA

DESIGNED BY	BJP
DRAWN BY	SRP
CHECKED BY	JSR
APPROVED BY	LDR
DATE	05-12-26

SBD International Airports

WILSON & COMPANY

275 WEST HOSPITALITY LANE, STE. 315
SAN BERNARDINO, CALIFORNIA 92408
PHONE: 909-806-8000
FAX: 909-806-8099

SAN BERNARDINO INTERNATIONAL AIRPORT AUTHORITY

PARKING LOT ENTRANCE, UTILITY VAULTS, AND DRAINAGE ENHANCEMENTS

PROPOSED CONCRETE ENTRANCE

CONTRACT NO.	26-000-118-00
DRAWING NO.	C-01
REVISION	
SHEET NO.	7 OF 12
SCALE	AS SHOWN

PRINTED:5/12/2026 TIME:1:38:24 PM BY:BJParker WRKSPC: OpenRailDesigner_USSFT
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EXISTING LIGHTING

EXISTING MASONRY BLOCK WALL

EXISTING HEADWALL
PROTECT IN PLACE

N = 1861978.466
E = 6799086.750
EL = 1172.05

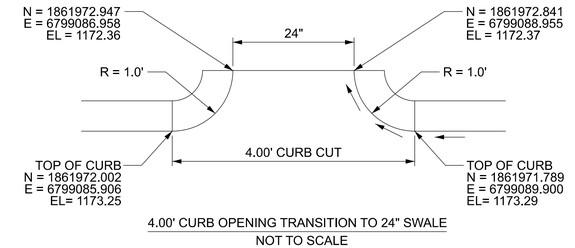
N = 1861978.307
E = 6799089.746
EL = 1172.10

N = 1861976.469
E = 6799086.644
EL = 1172.05

N = 1861976.309
E = 6799089.640
EL = 1172.10

3.00'
2.00'
4.00'
2.00'
R 1.00 TYP.
5.00'
4.00'

EXISTING CONCRETE SWALE
PROTECT IN PLACE



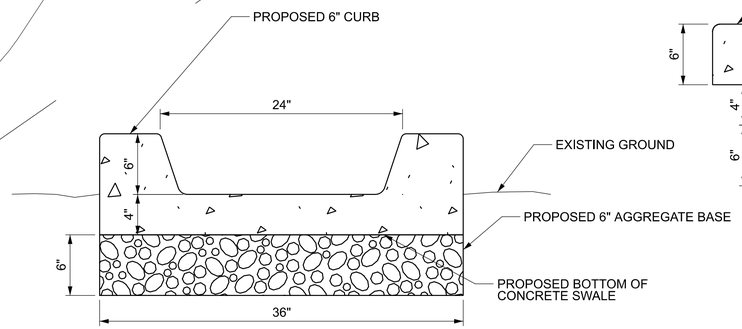
4.00' CURB OPENING TRANSITION TO 24" SWALE
NOT TO SCALE

CONSTRUCTION NOTES:

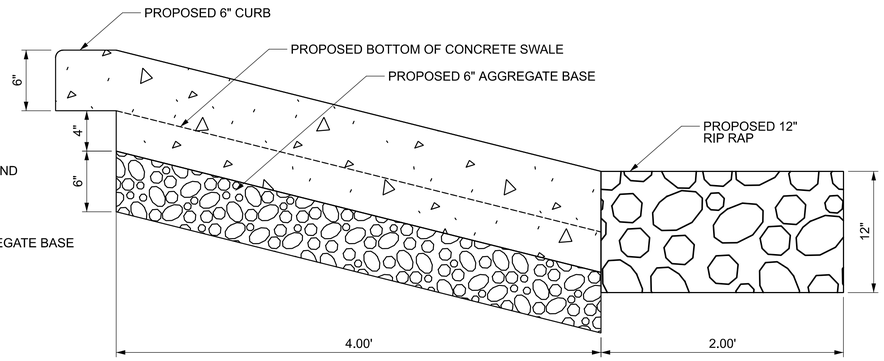
1. INSTALL 6" CONCRETE CURB.
2. TIE INTO EXISTING 6" CONCRETE CURB.
3. CLEAR AND GRUB 6" OF EXISTING TOPSOILS.
4. PROVIDE 95% SOIL COMPACTION PRIOR TO INSTALLING NEW CONCRETE SWALE.
5. INSTALL 36" WIDE CONCRETE SWALE OVER 6" AGGREGATE BASE.
6. PLACE 12" RIP RAP.

NOTES:

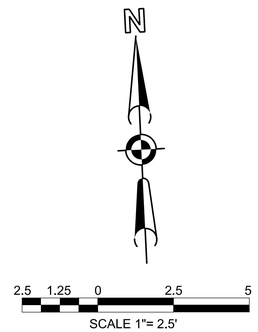
1) CONTOURS SHOWN ARE ESTIMATED AT THIS LOCATION. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS, MEASUREMENTS, DIMENSIONS, AND ELEVATIONS.



SECTION B-B
NOT TO SCALE



SECTION A-A
NOT TO SCALE



SCALE 1"= 2.5'

ISSUE FOR BID

REV	DATE	DESCRIPTION	BY / SUB	APP

REGISTERED PROFESSIONAL ENGINEER
LUCAS DANIEL REBOLLO
No. C091488
Exp. 1-31-2027
CIVIL
STATE OF CALIFORNIA

DESIGNED BY	BJP
DRAWN BY	SRP
CHECKED BY	REB
APPROVED BY	LDR
DATE	05-12-26

SBD International Airports
WILSON & COMPANY
275 WEST HOSPITALITY LANE, STE. 315
SAN BERNARDINO, CALIFORNIA 92408
PHONE: 909-806-8000
FAX: 909-806-8099

SAN BERNARDINO INTERNATIONAL AIRPORT AUTHORITY

PARKING LOT ENTRANCE, UTILITY VAULTS, AND DRAINAGE ENHANCEMENTS

CURB CUTOUT

CONTRACT NO.	26-000-118-00
DRAWING NO.	C-02
REVISION	
SHEET NO.	8 OF 12
SCALE	AS SHOWN

PRINTED:5/12/2026 TIME:1:38:36 PM BY:BJParker WRKSPC: OpenRailDesigner_USSFT
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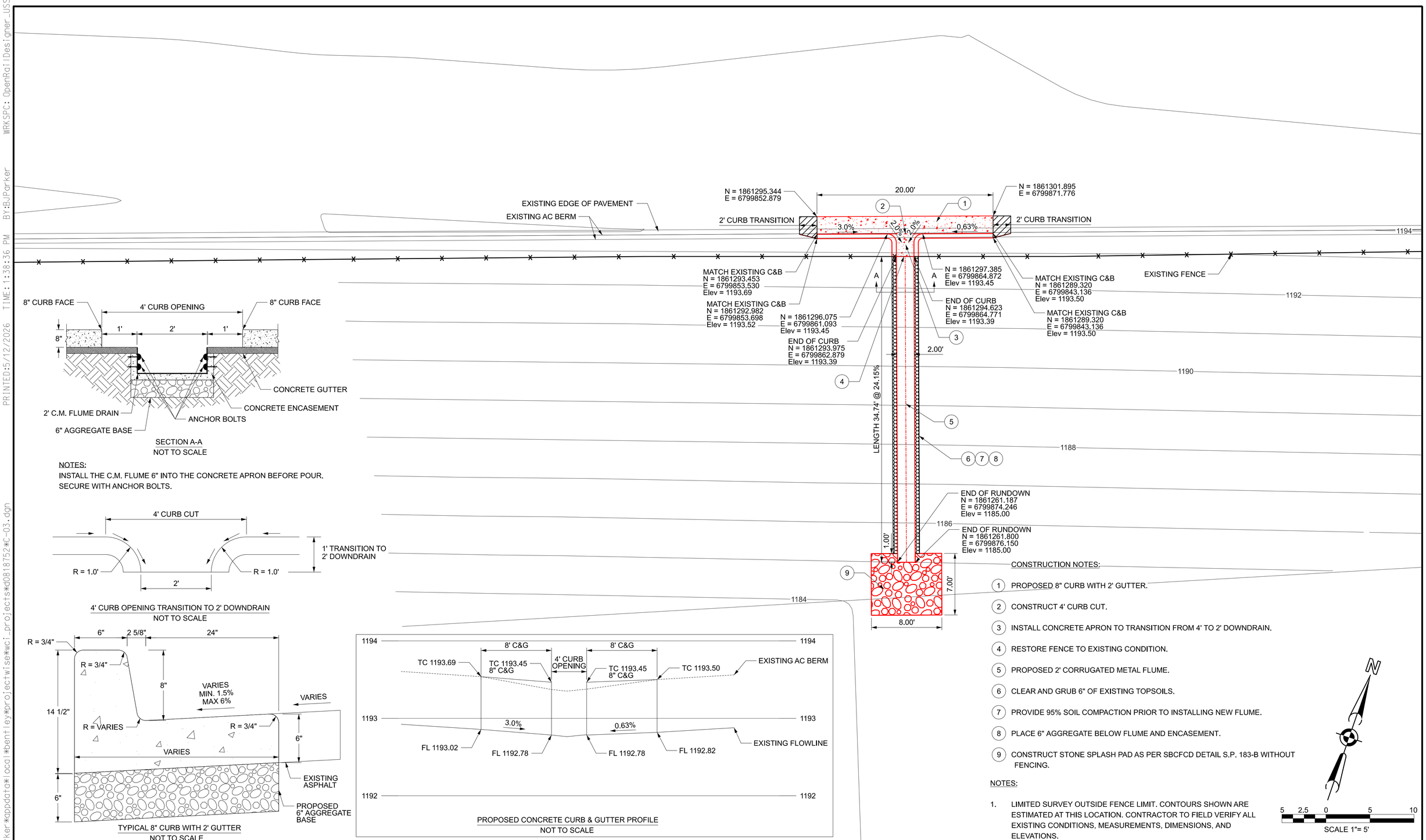

SECTION A-A
NOT TO SCALE

NOTES:
INSTALL THE C.M. FLUME 6" INTO THE CONCRETE APRON BEFORE POUR. SECURE WITH ANCHOR BOLTS.

4' CURB OPENING TRANSITION TO 2' DOWNDRAIN
NOT TO SCALE

TYPICAL 8" CURB WITH 2' GUTTER
NOT TO SCALE

PROPOSED CONCRETE CURB & GUTTER PROFILE
NOT TO SCALE

CONSTRUCTION NOTES:

1. PROPOSED 8" CURB WITH 2' GUTTER.
2. CONSTRUCT 4' CURB CUT.
3. INSTALL CONCRETE APRON TO TRANSITION FROM 4' TO 2' DOWNDRAIN.
4. RESTORE FENCE TO EXISTING CONDITION.
5. PROPOSED 2' CORRUGATED METAL FLUME.
6. CLEAR AND GRUB 6" OF EXISTING TOPSOILS.
7. PROVIDE 95% SOIL COMPACTION PRIOR TO INSTALLING NEW FLUME.
8. PLACE 6" AGGREGATE BELOW FLUME AND ENCASEMENT.
9. CONSTRUCT STONE SPLASH PAD AS PER SBCFCD DETAIL S.P. 183-B WITHOUT FENCING.

NOTES:

1. LIMITED SURVEY OUTSIDE FENCE LIMIT. CONTOURS SHOWN ARE ESTIMATED AT THIS LOCATION. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS, MEASUREMENTS, DIMENSIONS, AND ELEVATIONS.

ISSUE FOR BID

REV	DATE	DESCRIPTION	BY / SUB	APP

REGISTERED PROFESSIONAL ENGINEER
LUCAS DANIEL REED
NO. C96488
Exp. 9-30-2027
CIVIL
STATE OF CALIFORNIA

DESIGNED BY	BJP
DRAWN BY	SRP
CHECKED BY	REB
APPROVED BY	LDR
DATE	05-12-26

SBD
International Airports

WILSON & COMPANY

275 WEST HOSPITALITY LANE, STE. 315
SAN BERNARDINO, CALIFORNIA 92408
PHONE: 909-806-8000
FAX: 909-806-8099

SAN BERNARDINO INTERNATIONAL AIRPORT AUTHORITY

PARKING LOT ENTRANCE, UTILITY VAULTS, AND DRAINAGE ENHANCEMENTS

SLOPE DRAIN - GENERAL LAYOUT

CONTRACT NO.	26-000-118-00
DRAWING NO.	C-03
REVISION	
SHEET NO.	9 OF 12
SCALE	AS SHOWN

PRINTED:5/12/2026 TIME:1:38:47 PM BY:BJParker WRKSPC: OpenRailDesigner_USSFT
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3RD STREET

EXISTING SIDEWALK

3RD STREET EDGE OF PAVEMENT

EXISTING MASONRY BLOCK WALL

1175

REMOVE AND REPLACE DAMAGED UTILITY VAULT COVER REPAIR FRAME AS NEEDED SEE SHEET 12

EXISTING CONCRETE SWALE PROTECT IN PLACE

REMOVE AND REPLACE DAMAGED UTILITY VAULT COVER REPAIR FRAME AS NEEDED SEE SHEET 12

REMOVE AND REPLACE DAMAGED UTILITY VAULT COVER REPAIR FRAME AS NEEDED SEE SHEET 12

REMOVE AND REPLACE DAMAGED UTILITY VAULT COVER REPAIR FRAME AS NEEDED SEE SHEET 12

1180

1180

1185

1185

N

20 10 0 20 40

SCALE 1"= 20'

ISSUE FOR BID

REV	DATE	DESCRIPTION	BY / SUB	APP

REGISTERED PROFESSIONAL ENGINEER LUCAS DANIEL REED No. C90488 Exp. 9-30-2027 CIVIL STATE OF CALIFORNIA

DESIGNED BY	BJP
DRAWN BY	BJP
CHECKED BY	JSR
APPROVED BY	LDR
DATE	05-12-26

SBD International Airports

WILSON & COMPANY

275 WEST HOSPITALITY LANE, STE. 315
SAN BERNARDINO, CALIFORNIA 92408
PHONE: 909-806-8000
FAX: 909-806-8099

SAN BERNARDINO INTERNATIONAL AIRPORT AUTHORITY

PARKING LOT ENTRANCE, UTILITY VAULTS, AND DRAINAGE ENHANCEMENTS

UTILITY VAULT REPAIR

CONTRACT NO.	26-000-118-00
DRAWING NO.	C-04
REVISION	SHEET NO. 10 OF 12
SCALE	AS SHOWN

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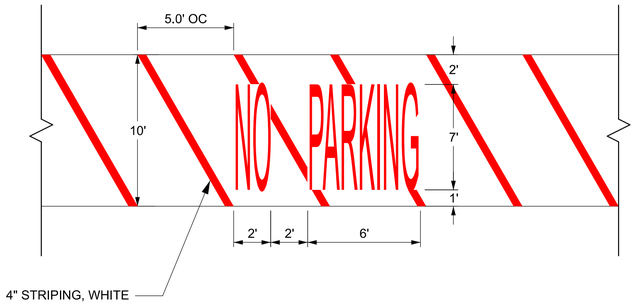

NO PARKING STRIPING

1195

1195

195.37'

70.00'

10.00' OC

PAVEMENT MARKING
SEE NO PARKING STRIPING DETAIL
ON THIS SHEET

PAVEMENT MARKING
SEE NO PARKING STRIPING DETAIL
ON THIS SHEET

5.0' O.C.

NO PARKING

NO PARKING

TYP. ANGLE 60°

EXISTING FENCE

PROPOSED SLOPE DRAIN
SEE SHEET C-03

1190

N

10 5 0 10 20
SCALE 1"= 10

ISSUE FOR BID

REV	DATE	DESCRIPTION	BY	SUB	APP

REGISTERED PROFESSIONAL ENGINEER
LUCAS DANIEL REED
No. C90488
Exp. 9-30-2027
CIVIL
STATE OF CALIFORNIA

DESIGNED BY	BJP
DRAWN BY	BJP
CHECKED BY	JSR
APPROVED BY	LDR
DATE	05-12-26

SBD
International Airports

WILSON & COMPANY

275 WEST HOSPITALITY LANE, STE. 315
SAN BERNARDINO, CALIFORNIA 92408
PHONE: 909-806-8000
FAX: 909-806-8099

SAN BERNARDINO INTERNATIONAL AIRPORT AUTHORITY

PARKING LOT ENTRANCE, UTILITY VAULTS, AND DRAINAGE ENHANCEMENTS

STRIPING PLAN

CONTRACT NO.	26-000-118-00
DRAWING NO.	ST-01
REVISION	SHEET NO. 11 OF 12
SCALE	AS SHOWN

PRINTED:5/12/2026 TIME:1:39:08 PM BY:BJParker WRKSPC: OpenRailDesigner_USSFT
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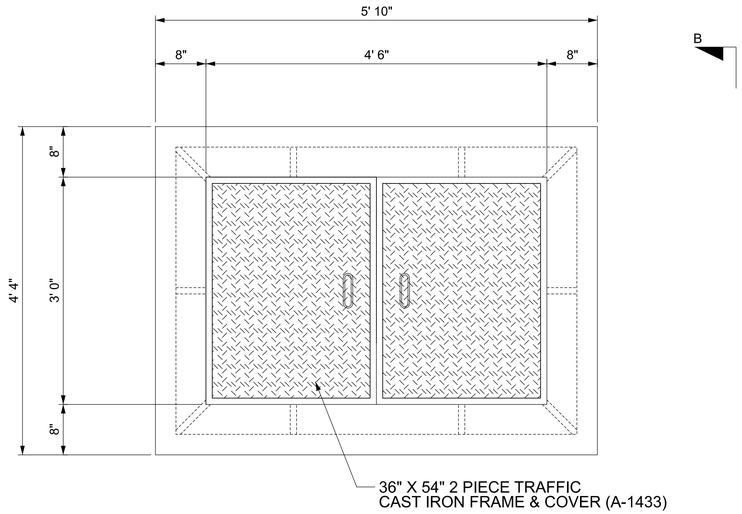
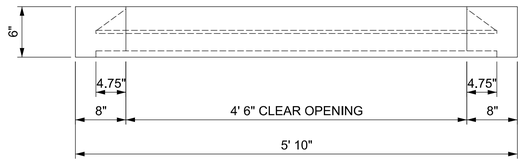
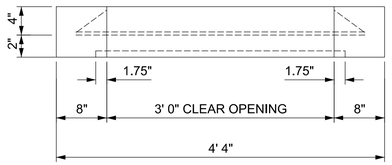


PLAN VIEW



ELEVATION A - A



ELEVATION B - B

STRUCTURAL NOTES

DESIGN SPECIFICATIONS

- AASHTO "STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES"
- ACI-318-99 BUILDING CODE
- ASTM C 857 MINIMUM STRUCTURAL DESIGN LOADING FOR UNDERGROUND PRECAST CONCRETE UTILITY STRUCTURES.

MATERIALS

- CONCRETE - 28 DAY COMPRESSIVE STRENGTH f'C = 6000 PSI
- REBAR - ASTM A 706 GRADE 60

LOADS

- H20 TRAFFIC
- 150 PCF CONCRETE DENSITY; 120 PCF SOIL DENSITY
- H20 SURCHARGE: 80 PSF TO 8 FT BELOW GRADE

GENERAL NOTES

1) CONTRACTOR TO:
   - GROUT ALL JOINTS AS REQUIRED
   - VERIFY ALL DIMENSIONS AND OPENING LOCATIONS
2) DO NOT BACKFILL UNTIL VAULT HAS BEEN COMPLETELY ASSEMBLED
3) REBAR MAY BE TACK WELDED OR TIED
4) ALL MATERIALS RELATED TO THE REMOVAL AND INSTALLATION OF VAULT COVERS SHALL BE INCIDENTAL.

ISSUE FOR BID

REV	DATE	DESCRIPTION	BY / SUB	APP

REGISTERED PROFESSIONAL ENGINEER
LUCAS DANIEL RENTLEY
NO. C091488
Exp. 9-30-2027
CIVIL
STATE OF CALIFORNIA

DESIGNED BY	BJP
DRAWN BY	BJP
CHECKED BY	JSR
APPROVED BY	LDR
DATE	05-12-26

SBD
Intercontinental Airports

WILSON & COMPANY

275 WEST HOSPITALITY LANE, STE. 315
SAN BERNARDINO, CALIFORNIA 92408
PHONE: 909-806-8000
FAX: 909-806-8099

SAN BERNARDINO INTERNATIONAL AIRPORT AUTHORITY

PARKING LOT ENTRANCE, UTILITY VAULTS, AND DRAINAGE ENHANCEMENTS

VAULT DETAILS

CONTRACT NO.	26-000-118-00
DRAWING NO.	DT-01
REVISION	
SHEET NO.	12 OF 12
SCALE	NOT TO SCALE

SPECIAL PROVISIONS

FOR THE

PARKING LOT ENTRANCE, UTILITY VAULTS, AND DRAINAGE ENHANCEMENT CONSTRUCTION PROJECT

AT THE

SAN BERNARDINO INTERNATIONAL AIRPORT

MAY 2026

Prepared under the Responsible Charge of:

Wilson & Company
275 W. Hospitality Ln. Ste. 315
San Bernardino, CA 92374

Lucas Reed, P.E.

Recommended by:

Lucas Reed

Approved by:

Jim Harris

Accepted by:

1.0 GENERAL TERMS AND CONDITIONS

1.1 INTRODUCTION

The project is located at the San Bernardino International Airport. The Contractor shall become thoroughly familiar with the reference specifications and permit requirements listed under Section 1.4. The Construction quality Assurance Plan that will be followed during earthwork construction is provided in Appendix 4, and the Health and Safety Provisions are provided in Appendix 5.

Definition of Terms

Landfill Owner: .....United States Air Force

Agency: .....San Bernardino International Airport Authority (SBIAA)

Engineer: .....All references to Engineer shall mean (SBIAA) acting either directly or through properly authorized representatives acting within the scope of the particular duties delegated to them. For this project, Engineering/Design support will be performed by Wilson & Company, 275 West Hospitality Lane, Suite 315, San Bernardino, CA 92374, telephone (909) 806-8000.

Contractor: .....The person, persons, firm, partnership, corporation or combination thereof, who have entered into a contract with Agency to perform work pursuant to the Contract requirements.

Construction Manager (CM): The firm under contract to the Agency to perform Construction Management for the project.

1.2 DESCRIPTION OF WORK

The work to be done by the Contractor shall include furnishing all labor, materials, tools, equipment, power, and water for the construction of the Parking Lot Entrance, Utility Vaults, and Drainage Enhancements Construction Project, and all associated work represented on the Contract Document.

The major features of the work to be performed shall include, but not be limited to:

- Removal of concrete swale at the west entrance.
- Replacement of damaged asphalt at the west entrance.
- Removal of curb and installation of drainage cutout east of the west entrance.
- Removal and replacement of four utility vault covers.
- Installation of slope drain with new corrugated metal flume at the landfill slope and associated striping of the area.

1.3 CONTRACT DOCUMENTS

The Contract Documents consist of these Special Provisions, Specifications, and Plans as defined below.

A. SPECIFICATIONS

Specifications shall include the Special Requirements, General Terms and Conditions,

Construction Support Tasks, Technical Specifications, Referenced Specifications as listed in Section 1.4 and other Contract Documents.

B. PLANS OR DRAWINGS

The Plans for this project are the Parking Lot Entrance, Utility Vaults, and Drainage Enhancements Construction Project Plans specifically prepared for this project and Referenced Standard Plans.

1.4 REFERENCE SPECIFICATIONS

A. STANDARD SPECIFICATIONS

The standard specifications shall be considered as the "Standard Specifications for Public Works Construction" (SSPWC) of the American Public Works Association, Current Edition, and all subsequent amendments, supplements and additions, and the State of California Department of Transportation Standard Specifications, where indicated.

B. ASTM SPECIFICATIONS

The ASTM specifications shall be considered as the latest revised specifications or tentative specifications of American Society of Testing Materials as specified in either the Special Provisions, General Provisions, or Standard Specifications.

C. STANDARD PLANS

Unless otherwise noted on the project plans, the Standard Plans shall be the most recent Standard Plans referenced.

D. PERMIT REQUIREMENTS

The permit requirements that govern this site and this closure construction project include, but are not limited to:

- All applicable local, State, and Federal laws (including CFR 40 and CCR Title 27);
- Air Quality Management District (AQMD) requirements; and
- National Pollution Discharge Elimination System (NPDES) general requirements.

Contractor will be responsible for obtaining required permits as part of the required construction tasks.

1.5 PRECEDENCE OF CONTRACT DOCUMENTS

In case of conflict between the Contract Documents as listed in Section 1.3 of these Special Provisions and the Reference Specifications as listed in Section 1.4 of these Special Provisions, the following order of governing documents shall be followed:

A. Permits

B. Special Provisions

C. General Terms and Conditions

D. Plans

E. Reference Specifications as listed in Section 1.4 of These Special Provisions

1.6 CONSTRUCTION SCHEDULE

Following approval of the project authorization by the Agency, but no later than at the Pre-

construction Meeting, the Contractor shall submit a proposed Construction Schedule to the Agency. The schedule shall indicate criticality of operations and milestones established by the Agency. The schedule shall also reflect anticipated submittal dates for shop Plans, procurement, fabrication, and delivery schedules of major materials required for the project. The Schedule shall be in Microsoft Project (latest edition), or as approved by the CM, and shall be submitted on by email correspondence, as well as hard copies.

The Contractor agrees to complete all physical work within forty-five (45) working days, commencing upon issuance of a Notice to Proceed by SBIAA. Failure to meet this time limit will expose Contractor to liability for liquidated damages of one thousand five hundred dollars ($1,500) per calendar day.

If the Contractor elects to submit an early completion schedule for the Project, it does so at its risk and such a submission does not change the Time for Completion. The Agency will not accept any responsibility for, nor be held liable for, any damages allegedly caused by the Contractor's failure to complete the Project within its proposed early completion schedule.

No changes shall be made to the critical path logic of the Schedule unless such changes have been approved, in writing, by the Agency. The Construction Schedule shall be updated monthly or when significant modifications are made. The updated schedules shall indicate any deviations from the original schedule and provide a narrative description of problem areas, current and anticipated delaying factors and their impact, and an explanation of corrective actions taken or proposed.

In addition to the Construction Schedule, the Contractor shall submit, on a weekly basis, a two-week “look-ahead” schedule. The “look ahead” schedule will include only those activities that will be in progress, started, or completed during the next two-week period.

1.7 SHOP PLANS AND SUBMITTALS

During the pre-construction conference, the Contractor shall provide to the Construction Manager, for the Engineer's review, a complete listing of all anticipated Contractor submittals and the proposed submittal dates for each. The Construction Manager will submit said listing to the Engineer for review and comment. The Contractor shall indicate items as Shop Plans, compliance certificates, material samples, or guarantees.

All Contractor submittals shall be accompanied by a transmittal letter which shall clearly indicate the item being submitted for review. The transmittal letter shall include a blank white space, 3-inches by 4-inches, for review notations. Each transmittal shall have identified the following information as applicable:

- Project title and location
- San Bernardino International Airport Authority Project Number
- Contractor/Subcontractor name
- Supplier name
- Manufacturer name
- Specification location

If additional data for the submitted item is anticipated to be provided at a later date, the Contractor shall so state on the transmittal.

Submittals shall be numbered consecutively and only one item shall be included per submittal. Subsequent submittals for the same item shall reference the original number and include an

extension of that number, i.e., 2.0 becomes 2.1 or 2-A, etc. Six copies of each submittal required by the Special Provisions shall be furnished at least 15 working days prior to the intended use, unless otherwise indicated.

Engineering data shall include Plans and descriptive information in sufficient detail to show the kind, size, arrangement, and operation of component materials and devices; the external connection, anchorages and supports required; performance characteristics; dimensions needed for installation and correlations with other materials and equipment; and all additional information as required in these Special Provisions.

Submittal data shall be sufficient to verify compliance with all requirements of these Specifications and references.

Certified test results (test certificates) required for demonstrating proof of compliance of materials with specification requirements will be signed by an official authorized to certify on behalf of the Contractor and will contain the name and address of the Contractor, the project name and location, the quantity, and date or dates of shipment or delivery to which the certificates apply. Copies of laboratory test reports submitted with certificates will be signed by a laboratory official authorized to certify on behalf of the laboratory and will contain the name and address of the testing laboratory, the material tested, the testing standards followed, and the testing results. Certification will not be construed as relieving the Contractor from furnishing satisfactory material, if, after tests are performed on samples, the material is found not to meet the specific requirements.

Any changes proposed by the Contractor shall be stated in a cover letter addressed to the Agency and essential details of such changes shall be clearly shown in the data submitted.

Calculations to support the adequacy of the design (stamped by a California registered professional engineer, if necessary) in meeting specified performance ratings or requirements shall be submitted when required by the Special Provisions.

Data sheets, catalog cuts, or Plans showing more than the particular item under consideration shall be marked to cross off all but the applicable information.

The Engineer's review of Plans and data submitted by the Contractor will cover only general conformity to the Plans and Specifications. After the Engineer has completed the review, the submittal will be returned to the Contractor via the Construction Manager with one or more of the following notations:

- No Exception Taken
- Make Corrections Noted
- Rejected
- Revise and Resubmit
- Submit Specified Item

A "No Exception Taken" response to a submittal does not constitute a blanket approval of dimensions, quantities, and details of the material, equipment, device, or items shown, and does not relieve the Contractor from responsibility for errors or deviation from the Contract requirements. A "Make Corrections Noted" response does not relieve the Contractor from the responsibility of providing all information required by the Contract.

The Contractor is advised that material will not be approved for use in the work until the appropriate submittals have been provided and are approved by the Engineer.

Review of partial or incomplete submittals will be at the discretion of the Engineer and the Construction Manager (CM).

The Engineer will advise the CM, who will advise the Contractor, of any anticipated additional costs related to review of partial or incomplete submittals, or expedited review when due to late submission by the Contractor. Upon Contractor's request and agreement with the Engineer, the additional or expedited review will proceed.

1.8 WORKING DAYS

The Contractor may perform work between the hours of 7:00 a.m. and 5:00 p.m., Monday through Friday, excluding Federal Holidays. No operations will be conducted beyond those periods unless otherwise approved in writing by the Construction Manager.

1.9 RESPONSIBLE REPRESENTATIVE

The Contractor shall furnish to the Agency, in writing, the name of the representative who shall have complete authority to act for this project, including, but not limited to, implementation and enforcement of the site safety plan, the maintenance of barricades, signs, lights, fencing, erosion, and dust control. The Contractor shall also furnish to the Agency, a telephone number where the Contractor or his representative may be contacted 24 hours a day. The representative shall be present at the job site during all working hours.

1.10 CONTROL OF WORK

The Agency will establish bench marks and primary control points outside the work limits. All other construction layout and staking shall be the responsibility of the Contractor.

1.11 PREVAILING WAGES

The Contractor selected for this Project shall pay all workers the general prevailing wage as determined by the Director of Industrial Relations, State of California, pursuant to California Labor Code, Part 7.

END OF GENERAL TERMS AND CONDITIONS

2.0 CONSTRUCTION SUPPORT TASKS

1.0 GENERAL

The work covered by this section consists of furnishing all labor, equipment and supervision, and performing all operations necessary for mobilization and support tasks.

1.1 Mobilization

Mobilization shall consist of expenditures for all preparatory work and operations, including but not limited to, bond and insurance costs; those costs deemed necessary for the movement of personnel, equipment, supplies, and incidentals to the Work Site; and for all other work and operations which must be performed or costs incurred prior to beginning work on the various contract items on the Work Site as well as the related demobilization costs anticipated at the completion of the Project.

1.2 Temporary Facilities for Contractor's Use

- Furnish office and sanitary facilities as required for own use.
- Furnish utilities as required for own use. Coordinate with the Agency and servicing utility agencies for use of existing facilities on site.
- Pay for utility service.
- Remove the above on completion of the work.

1.3 Asphalt Cap Restrictions

The asphalt surface and the landfill waste underneath it cannot be fully penetrated for any purpose, except in the demolition and repair areas where shown in the plans. Any other penetration of the cover performed by the Contractor should be immediately reported to the Airport Director. The SBIAA Landfill has an active underground landfill gas collection system. The collection system is designed to collect flammable methane gases that may be generated in the waste buried beneath the asphalt cap. Grinding and saw-cut asphalt activities shall be limited to 1/2" deep for all repair and leveling operations; grinding deeper is prohibited. Contractor shall consider this restriction for all bidding purposes. Also, the vegetated slopes on the perimeter of the lease premises must be protected from fire. Therefore, NO SMOKING is allowed on the lease premises as a high-priority safety precaution. Also, all NO SMOKING signs must be protected and replaced, if damaged by the Contractor. Any questions about this special restriction should be forwarded to the Airport Director.

See Appendix A for IRP Site 2 Landfill Closure plans.

1.4 Dust Control

Dust control operations shall be performed by the Contractor at the time, location and in the amount required, and as often as necessary to prevent excavation or fill work, demolition operation, or other activities from producing dust in amounts harmful to persons or causing a nuisance to persons living nearby or occupying buildings in the vicinity of the work. The Contractor is responsible for compliance with Fugitive Dust Regulations issued by the Air Quality Management District (AQMD).

Control of dust shall be by sprinkling of water, use of approved dust preventatives, modifications of operations or any other means acceptable to the Agency, Engineer, the AQMD, and any Health

or Environmental Control Agency having jurisdiction over the facility. The Agency, Engineer and CM shall have the authority to suspend all construction operations if, in their opinion, the Contractor fails to adequately provide for dust control.

1.5 Protection of Existing Utilities

The Contractor shall be responsible for protection of any buried or surface utilities and drainage structures within the limits of work existing at the site.

Attention is directed to the possible existence of underground utilities not indicated on the Plans or in these Special Provisions and to the possibility that underground utilities may be at a location different from that which is indicated on the Plans or in these Special Provisions. The Contractor shall be responsible for verifying underground utilities' locations including contact of Underground Service Alert (USA) at 1-800-642-2444, 48 hours prior to beginning work. Contractor shall be responsible for protection of these utilities and shall take all necessary precautions by constructing barriers, bridges, and crossings for construction equipment and vehicles to prevent damage to the utilities or as required by the Engineer. Any damage or loss caused by the Contractor's operations shall be promptly repaired at the Contractor's expense and to the satisfaction of the Engineer.

1.6 Water Pollution Control

The Contractor is advised that work under this contract shall be subject to the requirements of the National Pollutant Discharge Elimination System (NPDES) general requirements. The Contractor is required to obtain a NPDES Construction Storm Water Industrial Activity Permit.

The Contractor shall develop a Storm Water Pollution Prevention Plan (SWPPP) for the construction of this Project. The plan shall incorporate Best Management Practices (BMP's) as recommended in the California Storm Water Best Management Practices Handbook – Construction, published by the California Storm Water Quality Association, and as required to eliminate both non-storm water pollution and storm water run-off related pollution resulting from the construction activities.

Construction related activities, including but not limited to the elements of the SWPPP, shall be performed to eliminate both storm water and non-storm discharges to storm water control systems, by Contractor and subcontractor(s). The Engineer will notify Contractor of any non-compliance with the foregoing stipulations and appropriate actions shall be taken promptly. Contractor shall also notify the Engineer of any condition which could lead to non-compliance with the permit requirements. Contractor shall not be responsible for storm water monitoring at the landfill.

Contractor shall not be entitled to any time extensions or compensation for any cost due to any action required as a result of Contractor's failure to comply with those provisions of the SWPPP within Contractor's control. Contractor will be responsible for ensuring that the Contractor's subcontractor(s) comply with the provisions of this Section. Contractor shall be liable for any action or fine imposed by the regulatory agencies on those incidents of noncompliance which are within Contractor's area of responsibility.

The Contractor shall exercise every reasonable precaution to protect channels, storm drains and bodies of water from pollution, including siltation arising from Contractor's operations, or erosion siltation from completed areas. Pollution control work shall consist of implementing practices or constructing facilities in accordance with local, State, or Federal regulations which may be required to provide for retention and control of pollutants.

1.7 Nuisance Water

It is anticipated that nuisance water, such as rainfall or surface runoff, may be encountered within the Work Site during the period of construction under this Contract. The Contractor, by submitting its bid, will be held to have investigated the risks arising from such waters and to have made its bid in accordance therewith.

The Contractor shall at all times protect the Work from damage by such waters and shall take all due measures to prevent delays in progress of the Work caused by such waters. The cost for any repairs due to such damage shall be the responsibility of the Contractor. The Contractor shall dispose of nuisance water at his own expense and without adverse effects upon the Work Site or any other property.

1.8 Drainage Precaution

At the completion of each workday, the Contractor shall take all necessary preventive measures to avoid or minimize damage resulting in erosion or impounding caused by storm water runoff within the Work Site. Erosion control measures shall consist of constructing sandbag berms, desilting basins, drains, temporary storm water pumping facilities, and other such measures required to provide for the prevention, control and abatement of storm water discharges and damage resulting therefrom. The cost for any repairs due to such damage shall be the sole responsibility of the Contractor.

1.9 Construction Water

Water for construction is available at the site via local hydrants. The Contractor shall arrange for and pay any fees associated with installation of a meter, and water usage, from the local water source. The Contractor shall be responsible for all labor and equipment to collect, load, transport, apply, and dispose of water as necessary for compaction of materials, testing, dust control and other construction use.

The Contractor may develop sources of water supply or obtain water from private sources. Payment for all cost connected with developing a water source or obtaining water shall be made by the Contractor. Water shall be clean and free from objectionable amounts of acids, alkalis, salts or organic materials. The Contractor may be required to furnish the Engineer with a water analysis performed by a laboratory acceptable to the Engineer. The Contractor shall pay all costs of sampling, testing and reporting the test results.

1.10 Site Safety Plan

The Contractor shall provide a Site Safety Plan with the signed contract documents that meets the minimum of all the requirements of Federal and State regulations through the construction activities. The Contractor shall be solely responsible for adherence to the Site Safety Plan at all times. The Engineer shall not be responsible for job site safety.

The Contractor shall determine the extent to which these requirements are applicable to the work and subcontractors work for this Project. It is the responsibility of the Contractor to ensure compliance with all relevant health and safety regulations. The Contractor shall determine the level of protection to be utilized for his workers and for subcontractors during the project.

The Contractor shall be responsible for providing all items necessary for health and safety, including dust control, and personnel protective equipment, in accordance with applicable Federal and State requirements. The Agency, Engineer, or CM reserves the right to instruct removal of any of the Contractor's employees or subcontractors that are not meeting the requirements of the law or the

Site Safety Plan.

The Contractor's site safety plan shall also address elements of the Health and Safety Provisions described in Appendix 5 of these specifications.

1.10.1 Safety Record

The Contractor shall provide a Safety Record with the signed Contract documents. The Safety Record shall be the OSHA 200 Log for the past three calendar years (2023, 2024, 2025) and for any incidents in 2026. Contractor shall also provide a 2025 Conflict Form, Company Information Sheet, and W-9 Form.

1.11 Construction Phasing and Access

The Contractor shall maintain safe and continuous access through the project area at all times unless otherwise approved by the agency.

At a minimum:

- One lane of access shall be maintained during construction operation.
- Temporary closures shall be limited to duration approved in advance by the Construction Manager.
- Access for emergency vehicles shall be maintained at all times.

END OF CONSTRUCTION SUPPORT TASKS

3.0 TECHNICAL SPECIFICATIONS

1.0 GENERAL

This section sets forth the requirements for the Parking Lot Entrance, Utility Vaults, and Drainage Enhancements Construction Project at the San Bernardino International Airport.

1.1 Reference Specifications

References to specific sections of the Standard Specifications for Public Works Construction, Standard Plans for Public Works Construction, Caltrans Standard Specifications and Standard Plans, or other reference documents which have been included in these Special Provisions or on the Drawings, are made for the convenience of the Contractor only. They are not intended to be a complete reference of all applicable requirements governing the materials or workmanship that may be contained in the cited document or required for completion of the work. The Contractor shall be responsible to ensure that all Work shall be completed in accordance with the Contract Documents, and all applicable standard specifications and standard plans.

1.2 Storm Water and Interim Erosion Control

The Contractor is responsible for the diversion and control of surface water and/or groundwater within the Work Site throughout the construction period. Sequencing of work and interim control devices shall be employed such that surface and/or groundwater flows shall be controlled so as to not adversely impact adjacent areas on, or off the Work Site.

Under no circumstances shall the Contractor block existing perimeter drainage courses, channels, or other storm water improvements. The Contractor shall implement, upgrade, and maintain all elements of the Contractor's SWPPP throughout the duration of the Work. Failure to maintain BMP's in accordance with the Contractor's approved SWPPP will result in a suspension of work until the appropriate control measures have been implemented.

1.3 Submittals Required

The Contractor shall thoroughly review the Contract Documents and identify all required project submittals. The submittals listed below are intended as a general summary of the submittal items contained in this section. This submittal list does not release the Contractor from the responsibility of identifying and providing all information requested by the Contract Documents.

- Contractor-prepared Storm Water Pollution Prevention Plan (SWPPP).
- Manufacturer's literature/catalog cuts/Certificates of Compliance for utility vaults
- Portland Cement Concrete (PCC) mix designs
- Utility vault cover manufacturer specifications
- 4″ white striping paint product information
- Corrugated metal flume manufacturer specifications
- River rock product information from supplier

2.0 MATERIALS

2.1 8" Portland Cement Concrete Apron

Portland Cement Concrete (PCC) shall be 520-A-2500 and constructed in accordance with the

requirements of Section 201-1 of the SSPWC. Contractor will be required to provide 95% compaction for backfill material prior to construction of the Concrete Apron inside the gate entrance. PCC mix designs shall be submitted for the Engineer's review and approval. Testing of materials shall be by a third party provided by the Agency.

2.2 Utility Vault Covers

The work shall include removal and replacement of existing utility vault covers and adjustment of frames to final grade. Vault frames shall be evaluated in the field by the Contractor. Frames that are determined to be structurally sound shall be reset to grade using non-shrink grout. Frames that are damaged, out of tolerance, or unable to be properly reset shall be replaced as directed by the Engineer.

Frame adjustment shall include:

- Cleaning of existing frame and supporting surface
- Placement of non-shrink grout bedding
- Setting frame to final grade within ±0.05 feet of adjacent surface

Full frame replacement, if required, shall include:

- Removal of existing frame
- Preparation of subgrade
- Installation of new frame per manufacturer requirements

All work associated with removal, adjustment, or replacement of vault frames shall be included in the unit price for utility vault covers unless otherwise directed by the Engineer.

2.3 Striping, 4-Inch Wide:

This item shall include furnishing all material, equipment, and labor needed to install 4-inch striping as specified and conforming the Drawings or as directed by the Engineer. All materials shall comply with the current rules and regulations of the local air quality management district, with the rules regarding volatile organic compounds, and with the FDA rules and regulations for dangerous materials in paint. All striping shall be white unless otherwise directed by the Engineer. Submit manufacturer’s technical product data to the Engineer for approval.

The striping manufacturers are,

Frazee Paint and Wallcovering (Sherwin Williams Paints), San Bernardino, CA.

Dunn-Edwards Corporation, City of Colton, CA.

Contractor shall run sweeper to clean the area prior to striping. Sweeping shall be incidental to these pay items.

Layout and location of striping shall be as shown on the plans in accordance with Section 310-5.6.7, SSPWC. Material shall be applied by machine spray in accordance with Sections 310-5.6.8 and 310-5.6.9 with the exception that no reflective material shall be applied. Minimum thickness shall be 15 mils (average).

Paint shall be applied pneumatically with approved equipment at rate of coverage specified herein. Provide guidelines and templates as necessary to control paint application. Edges of markings shall be sharply outlined. Lines shall be straight to within 1/4" in 15 feet. Greater deviations shall be removed and lines reapplied. Paint lines 4” wide unless otherwise indicated. Apply one or more

coats as required to achieve complete opacity.

2.4 Corrugated Metal Flume

The new Corrugated Metal Flume to be constructed along the Landfill Sideslope shall be 2' minimum width per Caltrans Std. D87D with anchors and shall fully adhere to the Caltrans Standard Specifications – 2018, Section 69 – Overside Drains.

2.5 Embankment Fill

Contractor to provide minimum 95% compaction under new flume. If additional soil is required, it can be obtained from the IRP 2 Landfill Site. If the Contractor prefers to import soil from another location, a laboratory report is required detailing the soil constituents and must demonstrate suitable material is used at the site. Testing of materials shall be by a third party provided by the Agency. Laboratory reports shall be submitted for the Engineer's review and approval.

2.6 Rip Rap

Provide and install 12-inch washed rip rap, free of fines, dirt, and organic material. Riprap shall consist of durable, angular stone with a nominal diameter of 12 inches. Material shall be uniform in appearance and sourced from an approved quarry.

2.7 8" Modified Curb & Gutter

New 8" concrete curb & gutter construction shall be per City of San Bernardino Standard 200 – Type B. Concrete shall be 5.5 Sack Mix (520-C-2500) and is to hold 2500 PSI in 28 days.

3.0 CONSTRUCTION METHODS

3.1 Clearing and Grubbing

Clearing and grubbing shall be performed in accordance with Section 300-1 of the SSPWC. Clearing shall include saw-cutting, removal, and disposal of all existing improvements designated for removal on the Drawings, or to which new improvements will join. All material generated during clearing operations shall be transported to an approved, off site, Class 3 disposal facility. Asphalt cap restrictions per Section 1.3 shall be followed at all times during clearing and grubbing.

3.2 Miscellaneous Labor and Clean-Up

This item shall include furnishing all material, equipment and labor needed for the Contractor to provide otherwise unspecified labor, materials and equipment.

3.3 Erosion Control:

This item shall consist of furnishing, placing, maintaining the erosion control items, including silt fence, sand bag, stabilized construction exit, and wheel washer as shown on the plans or as directed by the Engineer and conforming to the requirements of the San Bernardino County Department of Public Work, City of San Bernardino and California State Water Resources Control Board. Contractor shall keep erosion control in place for site improvement work.

3.5 Corrugated Metal Flume

Corrugated Metal Flume shall be constructed at the side slope in the Southeastern section of the landfill site, as shown in the plan drawings and in accordance with Caltrans Std. D87D, and section 69 (Overside Drains) of the Caltrans Standard Specifications – 2018.

3.6 8" Modified Curb & Gutter

Construction of the 8" concrete curb & gutter shall be per City of San Bernardino Standard 200 –

Type B and shall be furnished in accordance with Section 303-5 of the SSPWC.

3.7 8" Portland Cement Concrete Apron

The new 8" PCC Apron shall be furnished to the dimensions shown in the plans and in accordance with Section 303-5 of the SSPWC.

3.8 Embankment Fill

Areas that require additional backfill shall be subject to the provisions under section 2.10 of these Technical Specifications and constructed in accordance with Sections 301-1 of the SSPWC.

4.0 MEASUREMENT AND PAYMENT

It is the intent of these Contract Documents that full compensation for all labor, material, and equipment required to complete the items of work listed below, in accordance with the Contract Documents shall be considered as included in the Contractor's Lump Sum or Unit Price indicated in the submitted Proposal.

Work completed beyond the limits indicated on the Drawings will not be compensated unless previously authorized by the Engineer.

4.1 Mobilization

The dollar amount for mobilization, as reflected in the Proposal, shall not exceed 10 percent of the total bid for the Project. Payment will be made at a percentage of the bid price according to the following schedule.

Percent of Contract Work Completed (Excluding Mobilization)	Amount of Mobilization Considered Complete
5 percent	15 percent
10 percent	30 percent
15 percent	45 percent
20 percent	60 percent

Payment of the remaining 40 percent of the mobilization price will be made on completion of the work and after all equipment has been removed.

4.2 Construction Support Tasks

To facilitate progress payments the Contractor shall submit for the approval of the CM, a "Schedule of Values" for costs associated with the applicable items reflected in Section 2, Construction Support Tasks. Final acceptance and approval of the cost allocation presented in the "Schedule of Values" will be at the sole discretion of the Agency.

4.3 Project Survey

Full compensation for all labor, material, and equipment required for project survey as outlined above shall be included in the Contractor's lump sum price for Survey.

To facilitate progress payments, the Contractor may submit, for the review of the CM, a Schedule of Values, outlining those items included under the survey item. Approval of the Schedule of Values will be at the sole discretion of the CM. Alternately, the lump sum bid price will be paid uniformly, on a monthly basis during the projected life of the Contract.

4.4 Time and Material Allocation

The Contractor shall provide a rate schedule for all labor and equipment that may reasonably be anticipated for use during the Project. Labor rates shall be consistent with those required by the prevailing wage rate requirements of the contract and shall reflect all benefits and employer costs. Once the labor and equipment rates have been approved by the Engineer, they will become the basis for compensation for any Time and Material work requested by the Agency. The Contractor is advised, however, that there will be no compensation from the Time and Material Allocation unless the work has been authorized in writing by the Engineer.
Additionally, use of the Time and Material Allocation will be at the sole discretion of the Agency. All or any portion of the allocation amount may be deleted from the Contract.

4.5 Clearing and Grubbing

All clearing, grubbing, saw-cutting, demolition, and salvage, and removal and salvage of existing improvements shall be included in the Contractor's lump sum price for Clearing and Grubbing.

To facilitate progress payments the Contractor shall submit for the approval of the Engineer, a "Schedule of Values" for costs associated with clearing and grubbing. Final acceptance and approval of the cost allocation presented in the Schedule of Values will be at the sole discretion of the Agency.

4.6 4" White Striping

All layout and placement of striping shall be considered as included in the Contractor's unit price for each item.

Final pay quantities shall be determined from field verification of the actual linear footage of the striping in accordance with the plan drawings.

4.7 Corrugated Metal Flume

All layout, excavation, grading, base material, and other appurtenances as required shall be considered as included in the Contractor's unit price.

Final pay quantities shall be determined from field verification of the actual linear footage of the corrugated metal flume, in accordance with the plan drawings.

4.8 8” Concrete Curb & Gutter

All layout, excavation, grading, base material, furnished concrete, and other appurtenances as required shall be considered as included in the Contractor's unit price.

Final pay quantities shall be determined from field verification of the actual linear footage of the Concrete Curb and Gutter, in accordance with the plan drawings.

4.9 8” Portland Cement Concrete Apron

All layout, excavation, grading, base material, furnished concrete, and other appurtenances as required shall be considered as included in the Contractor's unit price.

Final pay quantities shall be determined from field verification of the actual cubic yardage of the Concrete Aprons, in accordance with the plan drawings.

END OF TECHNICAL SPECIFICATIONS

4.0 HEALTH AND SAFETY PROVISIONS

Within seven days of the award of the Contract but no later than at the Preconstruction Meeting, the Contractor shall submit for the review of the Agency, a copy of its Injury and Illness Prevention Program (IIPP). The IIPP shall be in sufficient detail to include all aspects of health and safety that may be anticipated by the scope of work.

The Contractor is advised that decomposing refuse produces landfill gas which is approximately 50 percent methane (natural gas) by volume. Landfill gas is colorless, can be odorless, may contain hydrogen sulfide, is combustible, and contains no oxygen. Landfill gas can also migrate through soil near the landfill. The Contractor is, therefore, advised of the need for precautions against fire, explosion, and asphyxiation when working in or near construction areas which are in or near refuse areas. The Contractor's IIPP shall address this issue.

The Contractor shall at all times be responsible for the safe prosecution of the Work and protection of its employees and the public. Review of the Contractor's IIPP by the Agency shall not relieve the Contractor of responsibility for any aspect of the Work, or for compliance with all Federal, State, and local laws pertaining to health and safety. Strict Adherence to the Contractor's Health and Safety Plan will be required for all Contractor and subcontractor personnel.

The contents of the Health and Safety Plan must meet all regulatory requirements for the specific Work that is proposed. The following is a list of some of the elements for a Health and Safety Plan. Those plan elements which will not apply to the specific contract should be noted (such as "this construction does not involve any confined space work,").

One or more of the following may be required to be included in an employer's (Contactor's) Health and Safety Plan (HSAP).

Mandatory

1. Site Background and Scope of Work: Site specific with an emphasis on the type(s) of service(s) performed, the hazards associated with such work, and the programs in effect to protect the employee against those recognized hazards.

2. Injury and Illness Prevention Program (Title 8, California Code of Regulations, Section 3203): Required of all employers of 10 or more employees.

3. Code of Safe Practices (Cal. Code Regs., Title 8, §1509): All employers are required to have a Code of Safe Practices in writing and posted at the workplace.

4. Emergency Medical Services (Cal. Code Regs., Title 8, §1512): All employers are required to have this program in writing.

5. Fire Protection Program (Cal. Code Regs., Title 8, §1920): All employers are required to have this program in writing.

Required by Scope of Work

6. Hazard Communication Program (Cal. Code Regs., Title 8, §5194): All employers are required to have this program in writing if there is a potential for their employees to come in contact with any products that may be hazardous.

7. Requirements for Excavation and Shorting (Cal. Code Regs., Title 8 §1541.1): All employers are required to have this program in writing.

8. Confined Space Procedures (Cal. Code Regs., Title 8, §5156): All employers are required to have this program in writing if confined spaces will be entered.

9. Hearing Conservation Program (Cal. Code Regs., Title 8 §5097): This program shall be written into the HASP if employee noise exposures meet or exceed the levels outlined in Cal. Code Regs., Title 8, §5097.

10. Personal Protective Equipment (Cal. Code Regs., Title 8, §§3380-3400): Requirements must be included in the HASP if personal protective equipment is required for the contracted work.

11. Storage, Handling, and Dispensing of Flammable/Combustible Liquids (Uniform Fire Code Article 79): Requirements must be included in the HASP if flammable/combustible liquids will be stored, handled, or dispensed.

12. Welding, Brazing, and Cutting (Cal. Code Regs., Title 8, §§1536, 1537): Requirements must be included in the HASP if performing these actions.

13. Compressed Gas Cylinders (Cal. Code Regs., Title 8, §§1740-1743): Requirements must be included in the HASP if storing or using compressed gas cylinders.

In addition to submittal of the IIPP, the Contractor shall provide safety checklists for each piece of operated equipment to be used on the Work Site. The checklists shall reflect that the equipment has been properly maintained, that all protection features are in good repair, and that the equipment is safe to operate.

END OF HEALTH AND SAFETY PROVISIONS

5.0 BID PROPOSAL

BIDDER DATE _____

FIRM _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

To San Bernardino International Airport Authority:

1. The undersigned (hereinafter called the "Bidder") submits this proposal in compliance with your invitation for bids for the **Parking Lot Entrance, Utility Vaults, and Drainage Enhancements Construction Project,** in **San Bernardino, CA**, for San Bernardino International Airport Authority (SBIAA). Having carefully examined the Contract Documents and the site of the proposed Work and being familiar with all of the conditions surrounding the construction of the proposed Project including the availability of materials and labor, hereby proposes to furnish all labor and materials and supplies and to construct the Project in accordance with the Contract Documents and within the time set forth herein. This price covers all expenses incurred in performing the Work required under the Contract documents of which this Proposal is part. Quantities shown in this Unit Price Bid Proposal and in Alternates, if any, are estimated and actual payment will be made on a basis of confirmed quantities as constructed.

2. **Price Schedule:**
The undersigned Bidder hereby proposes and agrees, if the Bid is accepted, to enter into Agreement in the form attached to perform all Work, including the assumption of all obligations, duties, and responsibilities necessary to the successful completion of the Contract and furnishing of all materials and Work, tools, equipment, supplies, transportation, facilities, labor, superintendence, and services required to perform the Work; and Bonds, insurance, and submittals; all as indicated or specified in the Contract Documents to be performed or furnished by the Bidder for the following:

Item No.		**Description**	**Qty.**	**Unit**	**Unit Price**	**Total**
	Division 1 - Mobilization/General Conditions					
1.01	-	Mobilization	1	LS	**$**	**$**
1.02	-	Field Survey	1	LS	**$**	**$**
1.03	-	Misc. Labor and Clean-up	1	LS	**$**	**$**
1.04	-	Construction Management	1	LS	**$**	**$**
1.05	-	Permitting	1	LS`	**$**	**$**

	Division 2 - Civil Improvements					
2.00	-	Clearing and Grubbing	1	LS	**$**	**$**
2.01	-	Remove Asphalt Berm (Remove and Haul)	20	LF	**$**	**$**
2.02	-	Remove Asphalt Pavement 4” Depth (Remove and Haul)	21	CY	**$**	**$**
2.03	-	Remove Top 2” of Aggregate Base (Remove and Haul)	10	CY	**$**	**$**
2.04	-	Remove Concrete Swale (Remove and Haul)	30	SY	**$**	**$**
2.05	-	Remove Concrete Curb (Remove and Haul)	4	LF	**$**	**$**
2.06	-	Proposed PCC Pavement 8" Depth	48	CY	**$**	**$**
2.07	-	Proposed Utility Vault Covers	4	EA	**$**	**$**
2.08	-	Proposed Concrete Swale	1.33	SY	**$**	**$**
2.09	-	Proposed Striping 4" Wide	804	LF	**$**	**$**
2.10	-	Proposed Concrete Curb	18	LF	**$**	**$**
2.11	-	Proposed Concrete Curb and Gutter	16	LF	**$**	**$**
2.12	-	Proposed Corrugated Metal Flume	1	EA	**$**	**$**
2.13		Proposed Grouted Stone Splash Pad	56	SF	**$**	**$**
2.14	-	Proposed Rip Rap	0.36	TON	**$**	**$**
2.15	-	Proposed Aggregate Base	2.10	CY	**$**	**$**
2.16	-	Replace Bollard	2	EA	**$**	**$**
					TOTAL:	**$**

_____ DOLLARS
&
(In words)
_____ CENTS

NOTES TO BID SCHEDULE

1. The Contractor is hereby reminded that the above Pay Items listed in this Proposal are the only items for which the Contractor will receive payment under this Contract. Payment for work items not explicitly listen in the Bid Schedule but reasonably inferable from the Plans and Specifications shall be considered incidental to the various bid items and no additional compensation will be provided. The Contractor shall include all labor, materials, equipment, and incidentals necessary to complete the work as shown and specified. Payment for any such work should be considered incidental to the various items listed as Bid Proposal Pay items, and no direct payment shall be made thereof. The Contractor must complete the work as shown on the drawings and as covered in the specifications.

2. In the event that lesser or greater quantities of specific Pay Items are required to complete the construction, the total amount for Bid specific items will be adjusted by the unit price bid to actual quantities utilized as stipulated in the Proposal. In the event that an error is made in extending unit prices, the Contractor is hereby notified that the unit prices, as Bid, will govern in determining the Total Base Bid.

3. Bidders agree that the right is reserved by SBIAA to delay the award of a Contract for a period of **60** days. The undersigned agrees to hold firm on the above Bid prices and may not withdraw the Proposal for that period of time. Bidders agree that the right is reserved by SBIAA to reject any and all Bids.

4. In awarding this project, SBIAA reserves the right to choose any combination of bid items or not awarding a bid item.

5. Prices must be submitted for all individual items of this Bidding Schedule. Failure to do so may be cause for rejection of the Contractor's bid.

6. SBIAA will review all submitted Pricing Schedules for any unbalancing of the items. Any submitted Pricing Schedule determined to be unbalanced may be considered non-responsive and cause the Bidder to be ineligible for award.

7. APPARENT CLERICAL MISTAKES-ARITHMETIC DISCREPANCIES

For purposes of initial evaluation of bids, the following will be utilized in resolving arithmetic discrepancies found on the face of the Pricing Schedule as submitted by Bidders:

(1) Obviously misplaced decimal points will be corrected.
(2) In case of discrepancy between unit price and extended price, the unit price will govern.
(3) Apparent errors in extension of unit prices will be corrected.
(4) Apparent errors in addition of lump-sum and extended prices will be corrected.

For purposes of bid evaluation, SBIAA will proceed on the assumption that the Bidder intended the bid to be evaluated on basis of the unit prices, with the total arrived at by resolution of arithmetic discrepancies as provided above and the bid will so reflect the summarization of bids.

8. If awarded the Contract, the undersigned hereby agrees to sign said Contract and furnish the necessary insurance certificates and bonds within **10** business days of the award of said Contract, and to begin Work within **10** business days after Notification to Proceed.

9. If requested, each Bidder must be prepared to submit, within five (5) days of SBIAA's request, a notarized financial statement, financial data, and other information and references sufficiently comprehensive to permit an appraisal of the Bidder's current financial condition or ability to perform the Work.

10. General Contractor shall have a General Contractor's License.

11. Contractor acknowledges this project is Prevailing Wage.

12. All of the above statements regarding experience and financial qualifications are submitted in conjunction with the Proposal, as a part thereof, and the Bidder guarantees the truthfulness and accuracy of the information.

SIGNATURE:_____

NAME:_____

TITLE:_____

(If executed by other than the President, Vice-President, or Secretary of the Corporation, attach corporate minutes or resolution authorizing signature on behalf of the Corporation.)

(Affix Corporate Seal here)

Contractor's License No._____
Telephone No._____
License Classification_____

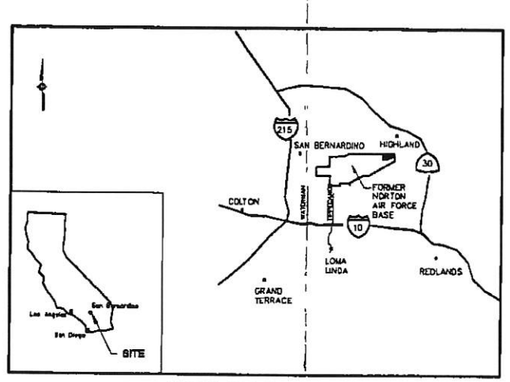
Appendix A: IRP Site 2 Landfill Closure Plans

2363746

U.S. Air Force
Base Conversion Agency
Former Norton Air Force Base, California
AFCEE Contract No. F41624-94-D-8073 D005

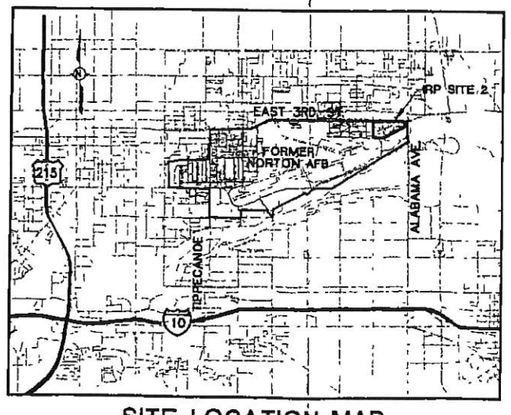
IRP SITE 2
LANDFILL CLOSURE

FORMER NORTON AFB, CALIFORNIA



VICINITY MAP

SCALE
0 1.5 3 6 MILES



SITE LOCATION MAP

SCALE
0 2 MILES

CONTRACTOR:
BECHTEL ENVIRONMENTAL, INC.
SAN FRANCISCO, CALIFORNIA
BEI PROJECT NO. 22698

DESIGN BY:
IT CORPORATION
SAN BERNARDINO, CALIFORNIA
IT PROJECT NO. 769501

REGISTERED PROFESSIONAL ENGINEER
LEONARD O. YAMAMOTO
No 33716
EXP 08-30-02
CIVIL
STATE OF CALIFORNIA

AS-BUILT

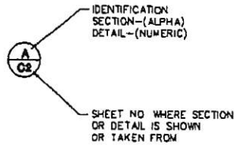
769501-G1

7890501C2

LEGEND

EXISTING	AS-BUILT	
		LIMIT OF FINAL COVER
		LIMIT OF GRADING
		EXTENT OF WASTE
		DRAINAGE FLOW PATH
		CHAIN LINK FENCE GATE
		CHAINLINK FENCE
T		TELEPHONE
E	ELECT	ELECTRIC (UNDERGROUND)
OHE		ELECTRIC (OVERHEAD)
D		STORM DRAIN
S		SANITARY SEWER
G	G	NATURAL GAS
W	W	WATER
840	840	FINAL CONTOUR ELEVATION
		CONDENSATE SUMP
		VALVE BOX
		TELEPHONE POLE
		SIGN
		FIRE HYDRANT
		STREET LIGHT
		TREE
		HORIZONTAL CONTROL POINT
		TARGET
		VERTICAL CONTROL
		TREE LINE
VE-1		LFG HORIZONTAL WELL (COLLECTION TRENCH)
VE-2		LFG VERTICAL WELL
	NPAT2	NEUTRON PROBE ACCESS TUBE
MW-119		GROUNDWATER MONITORING WELL
MW-293		GROUNDWATER MONITORING WELL (TO BE ABANDONED)
SW-1	SW4	LFG MONITORING PROBE
SW-277 OR LP6		LFG PROBE (TO BE ABANDONED)
		UTILITY POINT OF CONNECTION
		ELECTRICAL LINE
		INSTRUMENT PNEUMATIC TUBING
		MAIN LFG PIPING
		CONDENSATE AND UTILITY PIPING
		PRESSURE REGULATOR
		PRESSURE INDICATOR
		SOLENOID VALVE (2 WAY OR 3 WAY)
		VALVE ACTUATOR
		ANNUNCIATOR/ SHUTDOWN SYSTEM INTERLOCK/ AUTODIAL
		CONTROL PANEL MOUNTED
		FIELD MOUNTED
		GROUND
		ANGLE VALVE
		BALL VALVE
		BUTTERFLY VALVE
		CHECK VALVE
		GATE VALVE
		MAGNETIC FLOW METER
		MOTOR
		NEEDLE VALVE
		PROGRAMMABLE LOGIC CONTROLLER
		VELOCITY AVERAGING DIFFERENTIAL PRESSURE FLOW METER
		VIBRATION ISOLATOR

	ASPHALT
	GENERAL FILL
	MONOLITHIC LAYER
	SUBGRADE
	CONSOLIDATED REFUSE
	EXISTING WASTE
	UNDISTURBED SOILS
	AGGREGATE BASE
	CONCRETE
	RIPRAP
	BENTONITE SEAL
	CEMENT / BENTONITE GROUT
	FILTER PACK
	GRAVEL



EQUIPMENT SYMBOLS

BLOWER

FLAME ARRESTOR

PUMP

DRAWING INDEX

DRAWING NUMBER	DRAWING TITLE
G1	COVER SHEET
G2	LEGEND, DRAWING INDEX, AND GENERAL NOTES
C1	PRECONSTRUCTION, ABANDOMENT, AND DEMOLITION PLAN
C2	EXCAVATION AND FOUNDATION LAYER GRADING PLAN
C3	EXCAVATION AND FOUNDATION LAYER HORIZONTAL AND VERTICAL CONTROL PLAN
C4	FINAL COVER GRADE (WASTE EXCAVATION AREAS NOT BACKFILLED)
C5	FINAL GRADING PLAN
C5a	FINAL GRADING PLAN COORDINATE DETAILS
C6	SECTIONS
C7	DETAILS
C8	DETAILS
C9	UTILITIES AND MONITORING NETWORK
C10	LFG COLLECTION SYSTEM PLAN
C11	LFG COLLECTION SYSTEM HEADER PIPE PROFILES
C11a	LFG COLLECTION SYSTEM HORIZONTAL TRENCH PIPE PROFILES
C11b	LFG COLLECTION SYSTEM HORIZONTAL TRENCH PIPE PROFILES
C12	LFG COLLECTION SYSTEM DETAILS
C13	LFG COLLECTION SYSTEM DETAILS
M1	PIPING AND INSTRUMENT DIAGRAM LFG FLARE SYSTEM
M2	GENERAL LAYOUT AND GROUNDING FOR LFG FLARE SYSTEM
E1	SINGLE LINE DIAGRAM FOR LFG FLARE SYSTEM

GENERAL NOTES

1 IN GENERAL, EXISTING STRUCTURES AND FACILITIES ARE SHOWN IN LIGHT LINE WEIGHTS, OR AS SCREENED BACKGROUND NEW CONSTRUCTION IS SHOWN IN HEAVY LINE WEIGHTS

2 EXISTING UTILITY INFORMATION WAS COMPILED FROM BASE RECORD DRAWINGS WHICH MAY OR MAY NOT INDICATE ALL UTILITIES IN THE AREA, CORRECT SIZES, MATERIALS, OR COMPLETE INFORMATION NO ASSURANCE IS GIVEN THAT THE INDICATED POSITION OF EXISTING UTILITIES ARE CORRECT OR THAT THE INFORMATION IS COMPLETE LOCATIONS ARE SHOWN APPROXIMATELY DO NOT SCALE DRAWINGS TO LOCATE UTILITIES IN THE FIELD CALL UTILITY PROTECTION SERVICE TO VERIFY THE ACTUAL LOCATION AND OBTAIN BASE PERMITS BEFORE EXCAVATING

3 EXISTING PIPELINE INVERTS AND LOCATIONS ARE APPROXIMATE. VERIFY THE CORRECT INVERT ELEVATIONS AND LOCATIONS IN THE FIELD

GENERAL ABBREVIATIONS

BCR	BEGIN CURB RETURN	NEC	NATIONAL ELECTRIC CODE
BVCE	BEGIN VERTICAL CURVE ELEVATION	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
BVCS	BEGIN VERTICAL CURVE STATION	NIC	NOT IN CONTRACT
CC	CURVE CENTER	NPAT	NEUTRON PROBE ACCESS TUBE
CL	CENTER LINE	NPT	NATIONAL PIPE THREAD
CL-RD	CENTERLINE ROAD	NS	SECTOR SWITCH
CB	CATCH BASIN	NTS	NOT TO SCALE
CMP	CORRUGATED METAL PIPE	OC	ON CENTER
CONC	CONCRETE	PC	POINT OF CURVATURE
CPI	CURVE POINT OF INTERSECTION	PI	POINT OF INTERSECTION
DAY	DAYLIGHT	PL	PROPERTY LINE
DIA	DIAMETER	PP	POWER POLE
EC	END OF CURVE	PT	POINT OF TANGENCY
ECR	END OF CURB RETURN	PVC	POINT OF VERTICAL CURVE OR POLYVINYL CHLORIDE
EL ELEV	ELEVATION	PVI	POINT OF VERTICAL INTERSECTION
EVCE	END OF VERTICAL CURVE ELEVATION	RAD	RADIUS
EVCS	END OF VERTICAL CURVE STATION	RC	REINFORCED CONCRETE
EW	EACH WAY	RCP	REINFORCED CONCRETE PIPE
EXIST	EXISTING	SDR	STANDARD DIMENSION RATIO
FC	FINISHED GRADE	SS	STAINLESS STEEL
FL	FLOW LINE	SSD	SUBSURFACE DRAIN
FNC	FENCE	STA	STATION
GA	GAS ANALYZER	STL	STEEL
GB	GRADE BREAK	TAN	TANGENT
HDPE	HIGH DENSITY POLYETHYLENE	TC	TOP OF GRADE
HPT	HIGH POINT	TP	TOP OF PAVEMENT
IE	INVERT ELEVATION	TYP	TYPICAL
LFG	LANDFILL GAS	VC	VERTICAL CURVE
LIMIT	LIMIT	VERT	VERTICAL
LP	LOW POINT	WST	WASTE
MAX	MAXIMUM	WWF	WELDED WIRE FABRIC
MH	MANHOLE	#	PHASE OR DIAMETER
MIN	MINIMUM		
MON	MONUMENT		

ISA ABBREVIATIONS

AAH	ANALYZER ALARM HIGH	LS	LEVEL SWITCH
AAL	ANALYZER ALARM LOW	LSH	LEVEL SWITCH HIGH
AE	ANALYZER ELEMENT	LSHH	LEVEL SWITCH HIGH HIGH
AIC	AVAILABLE INTERRUPTING CURRENT	LSL	LEVEL SWITCH LOW
AIR	ANALYZER INDICATOR RECORDER	LSLL	LEVEL SWITCH LOW LOW
AT	ANALYZER TRANSMITTER	PAH	PRESSURE ALARM HIGH
BA	BURNER ALARM	PAHH	PRESSURE ALARM HIGH HIGH
BE	BURNER ELEMENT (UV SENSOR)	PALL	PRESSURE ALARM LOW LOW
BS	BURNER SWITCH	PCV	PRESSURE REGULATOR
CV	CHECK VALVE	PDI	PRESSURE DIFFERENTIAL INDICATOR
DE	DEENERGIZE	PI	PRESSURE INDICATOR
ETM	ELAPSE TIME METER	PLC	PROGRAMMABLE LOGIC CONTROLLER
FC	FAIL CLOSE	PSH	PRESSURE SWITCH HIGH
FCV	FLOW CONTROL VALVE	PSHH	PRESSURE SWITCH HIGH HIGH
FE	FLOW ELEMENT	PSLL	PRESSURE SWITCH LOW LOW
FIR	FLOW INDICATOR RECORDER	SOV	SOLENOID VALVE
FO	FAIL OPEN	SP	SURGE PROTECTOR
FT	FLOW TRANSMITTER	TAH	TEMPERATURE ALARM HIGH
FV	FLOW VALVE	TAL	TEMPERATURE ALARM LOW
GAC	GRANULAR ACTIVATED CARBON	TE	TEMPERATURE ELEMENT
HOA	HAND/OFF/AUTO	TI	TEMPERATURE INDICATOR
HV	HAND VALVE	TIC	TEMPERATURE INDICATOR CONTROLLER
IAS	INSTRUMENT AIR SUPPLY	TIR	TEMPERATURE INDICATOR RECORDER
LAHH	LEVEL ALARM HIGH HIGH	TSH	TEMPERATURE SWITCH HIGH
LALL	LEVEL ALARM LOW LOW	TSL	TEMPERATURE SWITCH LOW
LG	LEVEL GAUGE	TW	THERMAL WELL
		ZSC	LIMIT SWITCH CLOSE
		ZSO	LIMIT SWITCH OPEN

REGISTERED PROFESSIONAL ENGINEER LEONARD O YAMAMOTO No 33718 EXP 08-30-02 CIVIL STATE OF CALIFORNIA

AS-BUILT

Revisions			
Symbol	Description	Date	Approved
2	AS-BUILT	8/11/99	LOY
1	100% SUBMITTAL ISSUED FOR CONSTRUCTION	1/28/98	LOY
A	90% SUBMITTAL TO RAB & BCT	7/23/97	LOY

IT CORPORATION
SAN BERNARDINO, CALIFORNIA

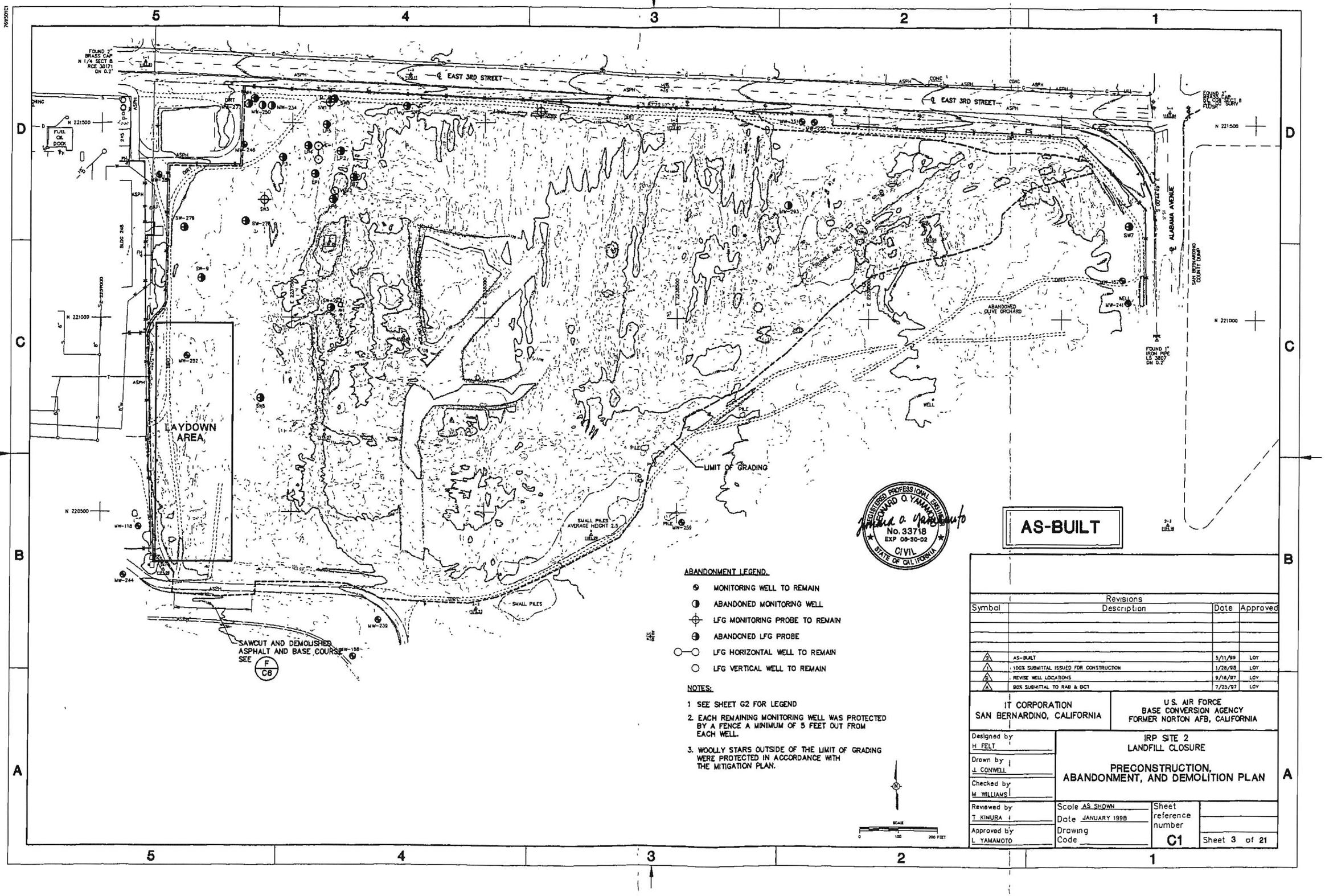
U.S. AIR FORCE
BASE CONVERSION AGENCY
FORMER NORTON AFB, CALIFORNIA

Designed by	N WILLIAMS
Drawn by	J CONWELL
Checked by	N UNRUH
Reviewed by	T KINURA
Approved by	L YAMAMOTO

IRP SITE 2
LANDFILL CLOSURE

LEGEND, DRAWING INDEX, AND GENERAL NOTES

Scale NONE
Date JANUARY 1998
Drawing Code
Sheet reference number G2
Sheet 2 of 21



ABANDONMENT LEGEND.

- MONITORING WELL TO REMAIN
- ABANDONED MONITORING WELL
- LFG MONITORING PROBE TO REMAIN
- ABANDONED LFG PROBE
- LFG HORIZONTAL WELL TO REMAIN
- LFG VERTICAL WELL TO REMAIN

NOTES:

1. SEE SHEET G2 FOR LEGEND
2. EACH REMAINING MONITORING WELL WAS PROTECTED BY A FENCE A MINIMUM OF 5 FEET OUT FROM EACH WELL.
3. WOOLLY STARS OUTSIDE OF THE LIMIT OF GRADING WERE PROTECTED IN ACCORDANCE WITH THE MITIGATION PLAN.

SCALE 0 100 200 FEET

REGISTERED PROFESSIONAL ENGINEER LEONARD O. YAMAMOTO No. 33718 EXP 06-30-02 CIVIL STATE OF CALIFORNIA

AS-BUILT

Revisions			
Symbol	Description	Date	Approved
2	AS-BUILT	5/11/99	LOY
1	100% SUBMITTAL ISSUED FOR CONSTRUCTION	1/28/98	LOY
B	REVISE WELL LOCATIONS	9/18/97	LOY
A	80% SUBMITTAL TO RAB & BCT	7/25/97	LOY

IT CORPORATION
SAN BERNARDINO, CALIFORNIA

U.S. AIR FORCE
BASE CONVERSION AGENCY
FORMER NORTON AFB, CALIFORNIA

Designed by H FELT
Drawn by J. CONWELL
Checked by M. WILLIAMS
Reviewed by T. KIMURA
Approved by L. YAMAMOTO

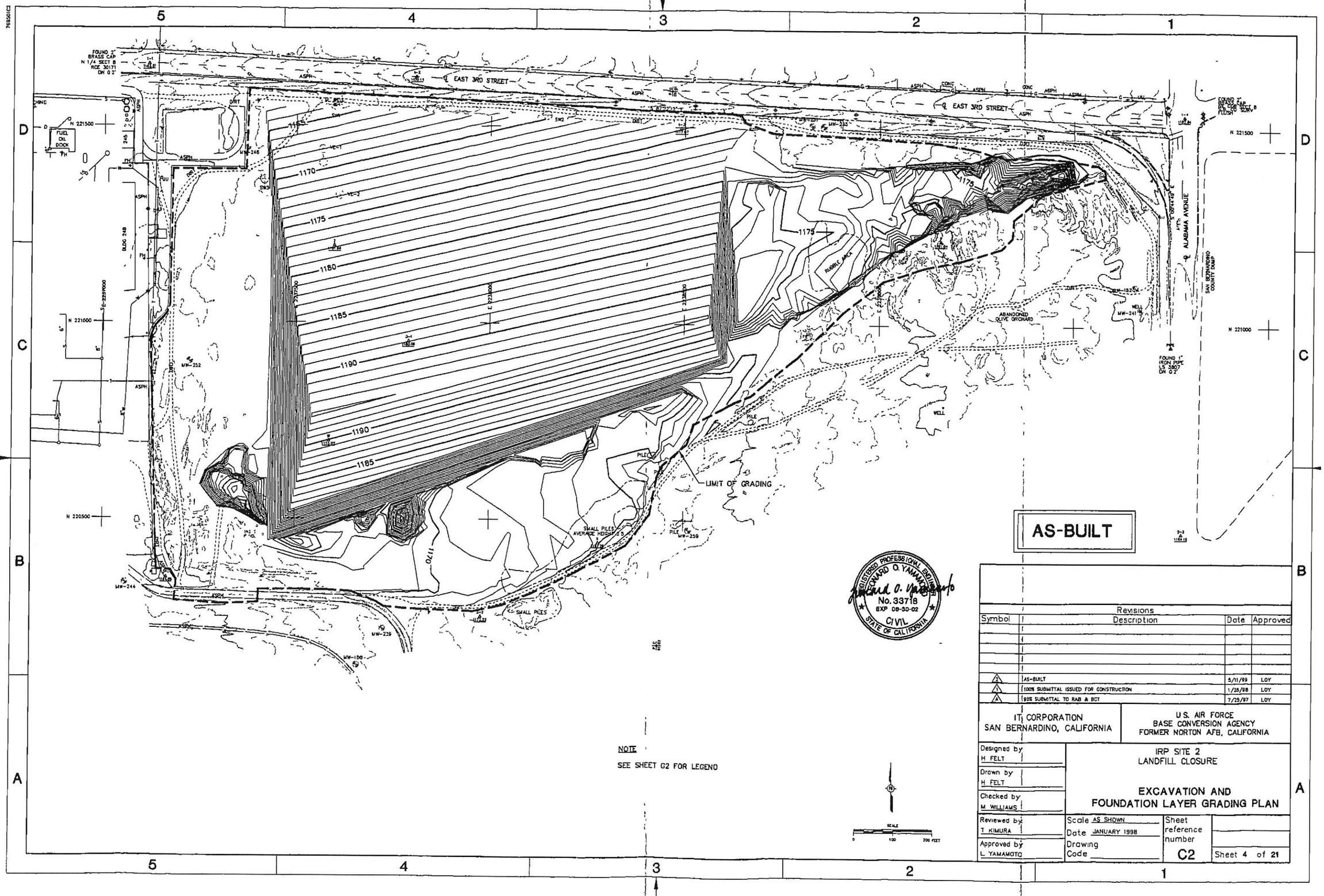
IRP SITE 2
LANDFILL CLOSURE

PRECONSTRUCTION, ABANDONMENT, AND DEMOLITION PLAN

Scale AS SHOWN
Date JANUARY 1998
Drawing Code

Sheet reference number C1

Sheet 3 of 21



NOTE

SEE SHEET G2 FOR LEGEND

AS-BUILT

REGISTERED PROFESSIONAL ENGINEER
EDWARD O. YAMAMOTO
No. 33718
EXP 06-30-02
CIVIL
STATE OF CALIFORNIA

Revisions			
Symbol	Description	Date	Approved
2	AS-BUILT	5/11/99	LOY
1	100% SUBMITTAL ISSUED FOR CONSTRUCTION	1/28/98	LOY
A	90% SUBMITTAL TO RAB & BCT	7/25/97	LOY

IT CORPORATION
SAN BERNARDINO, CALIFORNIA

U.S. AIR FORCE
BASE CONVERSION AGENCY
FORMER NORTON AFB, CALIFORNIA

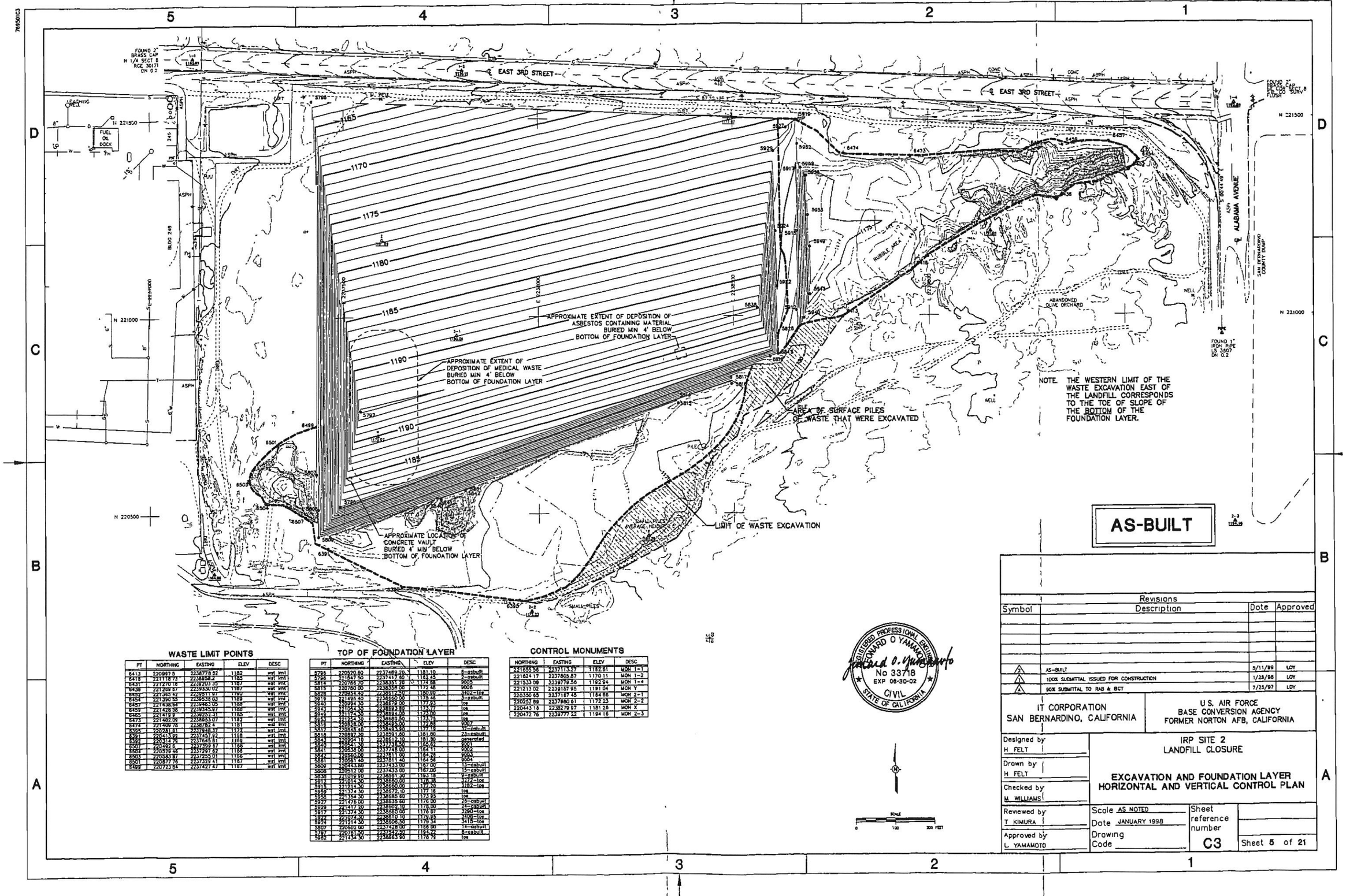
Designed by	H FELT
Drawn by	H FELT
Checked by	M WILLIAMS
Reviewed by	T KIMURA
Approved by	L YAMAMOTO

IRP SITE 2
LANDFILL CLOSURE

EXCAVATION AND
FOUNDATION LAYER GRADING PLAN

Scale AS SHOWN
Date JANUARY 1998
Drawing Code
Sheet reference number C2
Sheet 4 of 21

2863750



WASTE LIMIT POINTS

PT	NORTHING	EASTING	ELEV	DESC
6413	220997.5	2236778.52	1182	wst lmt
6418	221118.73	2236958.2	1185	wst lmt
6431	221210.18	2237203.35	1187	wst lmt
6436	221269.87	2237330.02	1187	wst lmt
6452	221360.42	2237511.4	1189	wst lmt
6454	221390.53	2237538.03	1189	wst lmt
6457	221438.64	2237583.05	1188	wst lmt
6459	221428.36	2237653.37	1188	wst lmt
6465	221418.8	2237727.31	1185	wst lmt
6473	221402.06	2237853.07	1182	wst lmt
6474	221409.76	2237887.4	1181	wst lmt
6495	220921.81	2237948.17	1172	wst lmt
6491	220913.98	2237747.82	1188	wst lmt
6492	220914.76	2237745.81	1189	wst lmt
6507	220482.6	2237739.87	1188	wst lmt
6504	220579.46	2237797.82	1188	wst lmt
6503	220583.87	2237755.01	1186	wst lmt
6501	220677.76	2237329.41	1187	wst lmt
6499	220773.64	2237427.47	1187	wst lmt

TOP OF FOUNDATION LAYER

PT	NORTHING	EASTING	ELEV	DESC
6786	220629.60	2237489.20	1181.19	8-asbuilt
6798	221847.50	2237117.40	1182.61	7-asbuilt
5814	220788.70	2238351.20	1174.68	9005
5815	220780.00	2238358.00	1172.48	9006
5818	220954.40	2238127.50	1180.80	3402-toe
5819	221496.40	2238560.00	1179.46	3-asbuilt
5840	220984.30	2238579.00	1177.83	toe
5843	221054.30	2238583.80	1176.27	toe
5848	221174.30	2238586.40	1174.60	toe
5853	221294.30	2238589.60	1172.98	toe
5816	220828.00	2238542.00	1184.61	9007
5817	220848.40	2238583.80	1179.19	10-asbuilt
5838	220887.30	2238581.60	1181.00	23a-asbuilt
5843	220904.10	2238612.10	1181.80	generated
5840	220921.30	2238578.20	1180.67	9001
5841	220938.00	2238577.80	1180.11	9002
5842	220950.00	2238711.00	1184.88	9003
5851	220561.40	2237811.40	1184.58	9004
5809	220453.80	2237433.00	1167.00	12-asbuilt
5808	220512.00	2237433.00	1167.00	13-asbuilt
5835	221019.80	2238581.20	1183.18	9-asbuilt
5917	221014.30	2238560.00	1178.38	3372-toe
5915	221214.30	2238560.00	1179.20	3382-toe
5939	221374.30	2238572.10	1177.19	toe
5935	221354.30	2238585.60	1173.83	toe
5927	221476.00	2238535.60	1176.00	26-asbuilt
5929	221417.00	2238582.10	1178.00	24-asbuilt
5917	221374.30	2238560.00	1176.07	3360-toe
5942	221074.30	2238610.10	1178.93	3398-toe
5924	221214.30	2238606.30	1179.34	3418-toe
5807	220602.00	2237428.00	1166.00	14-asbuilt
6787	220761.50	2237434.20	1167.42	8-asbuilt
5682	221434.30	2238583.90	1178.74	toe

CONTROL MONUMENTS

NORTHING	EASTING	ELEV	DESC
221585.58	2237113.27	1182.61	MON 1-1
221824.17	2237805.87	1170.11	MON 1-2
221533.09	2239779.56	1192.94	MON 1-4
221213.02	2239157.95	1191.04	MON Y
220350.65	2237187.45	1184.66	MON 2-1
220053.89	2237560.81	1177.23	MON 2-2
220443.19	2238279.87	1181.26	MON X
220472.76	2239777.22	1194.16	MON 2-3

REGISTERED PROFESSIONAL ENGINEER
EDWARD O YAMAMOTO
No 33718
EXP 06-30-02
CIVIL
STATE OF CALIFORNIA

AS-BUILT

Revisions			
Symbol	Description	Date	Approved
2	AS-BUILT	5/11/99	LOY
1	100% SUBMITTAL ISSUED FOR CONSTRUCTION	1/28/98	LOY
0	90% SUBMITTAL TO RAB & BCT	7/25/97	LOY

IT CORPORATION
SAN BERNARDINO, CALIFORNIA

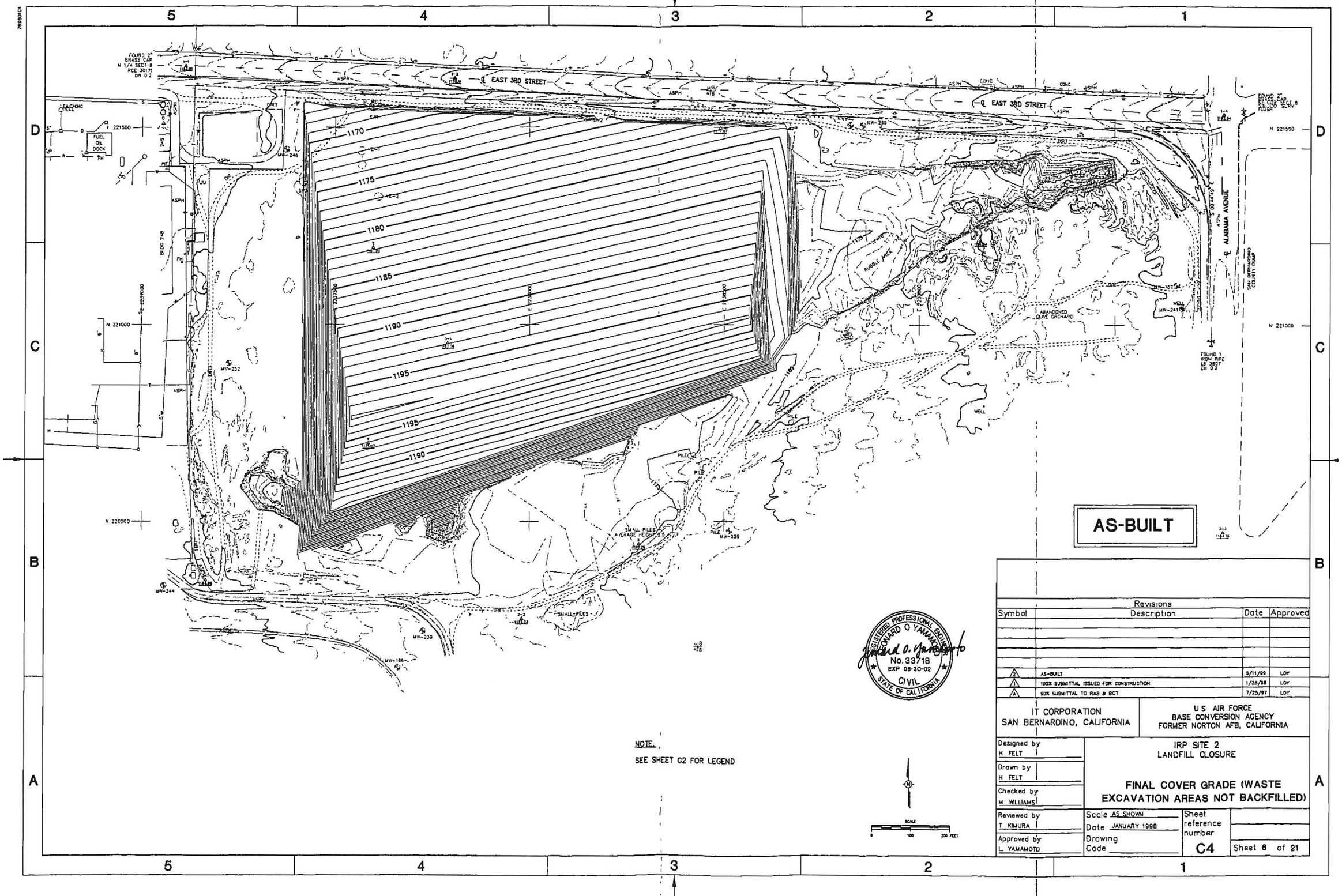
U.S. AIR FORCE
BASE CONVERSION AGENCY
FORMER NORTON AFB, CALIFORNIA

Designed by H. FELT
Drawn by H. FELT
Checked by M. WILLIAMS
Reviewed by T. KIMURA
Approved by L. YAMAMOTO

IRP SITE 2
LANDFILL CLOSURE

EXCAVATION AND FOUNDATION LAYER HORIZONTAL AND VERTICAL CONTROL PLAN

Scale AS NOTED
Date JANUARY 1998
Drawing Code
Sheet reference number C3
Sheet 5 of 21



AS-BUILT

REGISTERED PROFESSIONAL ENGINEER
LEONARD O YAMAMOTO
No. 33718
EXP 08-30-02
CIVIL
STATE OF CALIFORNIA

Revisions			
Symbol	Description	Date	Approved
3	AS-BUILT	9/11/98	LOY
2	100% SUBMITTAL ISSUED FOR CONSTRUCTION	1/28/98	LOY
1	90% SUBMITTAL TO RAB & BCT	7/25/97	LOY

IT CORPORATION
SAN BERNARDINO, CALIFORNIA

U S AIR FORCE
BASE CONVERSION AGENCY
FORMER NORTON AFB, CALIFORNIA

Designed by H FELT
Drawn by H FELT
Checked by M WILLIAMS
Reviewed by T KIMURA
Approved by L YAMAMOTO

IRP SITE 2
LANDFILL CLOSURE

FINAL COVER GRADE (WASTE EXCAVATION AREAS NOT BACKFILLED)

Scale AS SHOWN
Date JANUARY 1998
Drawing Code

Sheet reference number C4

Sheet 6 of 21

NOTE. OLEANDERS ARE PLANTED ALONG THE NORTHERN FENCELINE AT 5' O.C IN ACCORDANCE WITH SPEC 02900. THE PLANTINGS START AT THE LANDFILL NORTHWEST CORNER AND EXTEND 400' BEYOND THE LANDFILL NORTHEAST CORNER.

NEW GATE 1/C8

TYPE I CHANNEL 4/C8

℄ EAST 3RD STREET

FOUND 2" BRASS CAP IN 1/4 SECT 8 RCE 30171 DN 0.2

FOUND 2" BRASS CAP IN CAN SECT 8 LS 3807 FLUSH

℄ ALABAMA AVENUE

SAN BERNARDINO COUNTY FLOOD CONTROL

BLDG 248

RUBBLE AREA

ABANDONED OLIVE ORCHARD

WELL MW-241

LIMIT OF FINAL COVER

LIMIT OF GRADING

TYPE II CHANNEL 6/C8

SMALL PILES AVERAGE HEIGHT 4'

PILE

MW-244 MW-239 MW-156 MW-252 MW-259 MW-285

N 221500 N 221000

NOTE. SEE SHEET C5a FOR DETAILS OF COORDINATES

NOTE:
SEE SHEET G2 FOR LEGEND

REGISTERED PROFESSIONAL ENGINEER LEONARD Q YAMAMOTO No 33718 EXP 08-30-02 CIVIL STATE OF CALIFORNIA

AS-BUILT

Revisions			
Symbol	Description	Date	Approved
2	AS-BUILT	5/11/99	LOY
1	10% SUBMITAL ISSUED FOR CONSTRUCTION	1/28/98	LOY
A	90% SUBMITTAL TO RAB & BCT	7/25/97	LOY

IT CORPORATION
SAN BERNARDINO, CALIFORNIA

U.S. AIR FORCE
BASE CONVERSION AGENCY
FORMER NORTON AFB, CALIFORNIA

Designed by H FELT
Drawn by H FELT
Checked by M WILLIAMS
Reviewed by T KIMURA
Approved by L YAMAMOTO

IRP SITE 2
LANDFILL CLOSURE

FINAL GRADING PLAN

Scale AS SHOWN
Date JULY 1997
Drawing Code

Sheet reference number C5

Sheet 7 of 21

PT	NORTHING	EASTING	ELEV
5967	220327.77	2237372.10	0
5968	221557.40	2237415.40	1164
5969	221561.84	2237419.40	1164.01
5970	221566.45	2237382.70	1164.11
5971	221671.62	2237396.00	1164.11
5972	221580.04	2237368.60	1164.18
5973	221561.13	2237381.70	1164.32
5974	221591.15	2237368.40	1164.36
5975	221577.36	2237383.30	1164.46
5976	221590.56	2237360.80	1164.66
5977	221566.51	2237484.60	1164.8
5978	221561.54	2237397.10	1165.08
5979	220419.02	2237400.80	1165.09
5980	220337.10	2237318.10	1165.13
5981	220333.36	2237320.60	1165.17
5982	221569.61	2237419.30	1165.2
5983	221567.72	2237397.60	1165.27
5984	220317.18	2237260.10	1165.46
5985	220316.44	2237297.80	1165.48
5986	220297.80	2237301.20	1165.48
5987	220349.39	2237278.50	1165.5
5988	220349.11	2237369.90	1165.51
5989	220315.73	2237297.80	1165.53
5990	221580.14	2237375.90	1165.54
5991	220449.65	2237365.70	1165.6
5992	221581.49	2237382.40	1165.6
5993	220370.90	2237365.90	1165.6
5994	220316.39	2237363.20	1165.62
5995	221544.34	2237389.50	1165.66
5996	221571.99	2237382.40	1165.7
5997	220354.03	2237370.00	1165.72
5998	221567.93	2237386.10	1165.79
5999	220318.07	2237209.10	1165.82
6000	221449.09	2237382.80	1165.85
6001	221552.31	2237376.10	1165.9
6002	221564.81	2237419.50	1165.9
6003	221559.65	2237383.40	1165.97
6004	221554.73	2237401.00	1166
6005	221549.57	2237409.70	1166
6006	221562.31	2237484.90	1166
6007	221547.42	2237417.50	1166
6008	220329.80	2237322.80	1166.04
6009	221547.80	2237596.00	1166.1
6010	221544.31	2237369.00	1166.1
6011	220367.67	2237421.20	1166.11
6012	220316.06	2237299.90	1166.11
6013	221248.53	2237383.40	1166.21
6014	220345.73	2237370.60	1166.22
6015	220317.89	2237285.50	1166.23
6016	221199.25	2237383.50	1166.3
6017	220371.77	2237368.70	1166.39
6018	220341.76	2237316.60	1166.39
6019	221550.47	2237616.10	1166.4
6020	221449.19	2237417.80	1166.4
6021	220328.04	2237322.00	1166.44
6022	220299.93	2237209.30	1166.46
6023	220383.97	2237371.70	1166.46
6024	221562.92	2237419.00	1166.5
6025	221549.92	2237484.30	1166.5
6026	221549.65	2237372.10	1166.5
6027	220384.73	2237460.70	1166.52
6028	220368.14	2237366.90	1166.55
6029	220314.02	2237360.00	1166.56
6030	220296.24	2237359.90	1166.56
6031	220389.45	2237479.40	1166.63
6032	220571.02	2237385.30	1166.7
6033	220404.32	2237530.20	1166.72
6034	220400.92	2237531.00	1166.75
6035	220313.43	2237388.60	1166.75
6036	221049.62	2237384.00	1166.78
6037	221248.47	2237565.20	1166.8
6038	221393.03	2237364.20	1166.8
6039	220399.04	2237421.10	1166.86
6040	220449.61	2237373.00	1166.9
6041	220449.81	2237370.00	1167
6042	221248.63	2237418.40	1167.04
6043	220311.98	2237433.10	1167.08
6044	220449.89	2237385.40	1167.16
6045	220449.85	2237385.10	1167.16
6046	221547.28	2237685.60	1167.2
6047	220418.12	2237588.00	1167.27
6048	220422.44	2237585.50	1167.27
6049	220850.30	2237384.50	1167.43
6050	220381.05	2237482.60	1167.45
6051	220749.64	2237359.00	1167.5
6052	221049.57	2237366.90	1167.5
6053	220549.79	2237420.40	1167.5
6054	220441.61	2237647.80	1167.62
6055	220418.91	2237472.60	1167.54
6056	221557.90	2237574.40	1167.7
6057	221049.72	2237419.70	1167.7
6058	220323.45	2237444.30	1167.71
6059	220310.59	2237491.50	1167.71
6060	220749.97	2237384.80	1167.75
6061	220456.55	2237705.70	1167.8
6062	220549.89	2237477.60	1167.87
6063	220436.71	2237649.70	1167.88
6064	220849.93	2237420.10	1167.9
6065	220850.25	2237368.50	1168
6066	220850.40	2237419.50	1168
6067	220398.71	2237532.30	1168.01
6068	220437.13	2237521.60	1168.07
6069	220359.22	2237540.80	1168.13
6070	220409.79	2237528.00	1168.16
6071	220439.70	2237487.40	1168.18
6072	221545.82	2237575.80	1168.2
6073	220449.75	2237421.30	1168.2
6074	220461.78	2237705.30	1168.29
6075	220522.80	2237550.60	1168.29
6076	221552.19	2237615.70	1168.3
6077	220750.08	2237419.80	1168.3
6078	220413.71	2237589.80	1168.37
6079	221556.97	2237616.40	1168.5
6080	220428.67	2237584.90	1168.51
6081	220456.86	2237575.40	1168.58
6082	220479.82	2237771.00	1168.6
6083	221541.20	2237595.60	1168.6
6084	220309.15	2237552.90	1168.67
6085	221543.48	2237615.80	1168.7
6086	220449.74	2237807.00	1168.83
6087	220475.45	2237772.30	1168.86
6088	220481.24	2237647.30	1168.91
6089	220380.99	2237599.10	1168.94
6090	221540.89	2237685.30	1169
6091	220311.87	2237619.70	1169.01
6092	220501.58	2237702.30	1169.03
6093	220447.91	2237645.80	1169.08
6094	220489.30	2237811.30	1169.11
6095	220243.45	2237611.80	1169.19
6096	220432.25	2237650.90	1169.23
6097	221554.57	2237685.00	1169.3
6098	220511.14	2237625.80	1169.32
6099	220514.25	2237835.20	1169.44
6100	220307.30	2237619.70	1169.55
6101	220403.41	2237659.10	1169.68
6102	220466.61	2237702.40	1169.71
6103	220508.75	2237820.60	1169.71
6104	220514.12	2237836.40	1169.73
6105	220317.40	2237672.90	1169.79
6106	220450.27	2237709.70	1169.8
6107	221535.71	2237937.70	1169.8
6108	220424.53	2237715.70	1169.83
6109	220373.71	2237734.40	1169.88
6110	220449.24	2237562.30	1169.95
6111	220549.21	2237855.80	1170.09
6112	220358.91	2237800.00	1170.16
6113	220526.31	2237764.50	1170.16
6114	220325.48	2237748.70	1170.34
6115	220548.61	2237819.80	1170.44
6116	220505.41	2237808.80	1170.5
6117	220587.15	2237849.70	1170.52
6118	220336.65	2237814.70	1170.54
6119	220301.87	2237674.70	1170.55
6120	220449.11	2237763.00	1170.55
6121	220502.76	2237892.80	1170.55
6122	220502.06	2237797.80	1170.68
6123	220528.92	2237801.30	1170.7
6124	221442.05	2237735.20	1170.72
6125	220449.20	2237737.60	1170.78
6126	220449.77	2237782.70	1170.92
6127	220497.82	2237800.20	1170.95
6128	220316.37	2237889.30	1171
6129	220370.48	2237877.30	1171
6130	220393.03	2237702.80	1171.03
6131	220485.56	2237820.00	1171.12
6132	220275.85	2237755.00	1171.12
6133	220540.96	2237637.70	1171.13
6134	220378.78	2237730.70	1171.14
6135	220503.06	2237853.70	1171.16
6136	220272.43	2237821.00	1171.33
6137	220314.49	2237819.70	1171.35
6138	220425.48	2237862.90	1171.38
6139	220311.28	2237954.50	1171.44
6140	220270.14	2237891.10	1171.52
6141	220541.81	2237837.80	1171.53
6142	220556.60	2237794.90	1171.55
6143	220370.82	2237942.80	1171.55
6144	220472.74	2237844.80	1171.57
6145	221527.13	2238124.60	1171.7
6146	221529.12	2237837.40	1171.7
6147	220506.43	2237837.70	1171.76
6148	221544.00	2237938.00	1171.9
6149	221522.31	2238144.40	1172
6150	220304.24	2237859.20	1172.1
6151	220582.02	2237862.90	1172.14
6152	220295.73	2237955.90	1172.18
6153	221525.29	2238164.50	1172.2
6154	220592.70	2237865.80	1172.2
6155	220347.20	2238022.80	1172.24
6156	220426.11	2237930.30	1172.33
6157	220402.99	2238009.40	1172.36
6158	220561.50	2237846.70	1172.43
6159	221524.78	2238175.60	1172.50
6160	220527.40	2237878.50	1172.50
6161	220576.67	2237830.10	1172.51
6162	220615.87	2237933.30	1172.58
6163	220550.62	2237849.40	1172.60
6164	220267.60	2237957.80	1172.67
6165	220491.11	2237911.00	1172.75
6166	220551.93	2237796.10	1172.75
6167	220571.88	2237876.20	1172.78
6168	220556.85	2237865.10	1172.83
6169	220561.73	2237955.50	1172.84
6170	220531.03	2237861.50	1172.90
6171	220557.58	2237885.00	1172.95
6172	220357.83	2238091.30	1173.05
6173	220572.86	2237808.10	1173.07
6174	220419.18	2238074.80	1173.08
6175	220461.25	2237991.80	1173.15
6176	220571.00	2237951.50	1173.15
6177	220581.41	2237829.60	1173.15
6178	220520.47	2237872.20	1173.21
6179	220545.93	2237986.40	1173.42
6180	220542.12	2237998.00	1173.54
6181	220580.20	223-809.50	1173.54
6182	220282.32	2238032.80	1173.68
6183	220479.09	2238056.40	1173.68
6184	220572.94	2238033.20	1173.70
6185	221521.13	2238124.30	1173.70
6186	221528.71	2238144.70	1173.90
6187	221534.12	2238124.90	1174.00
6188	220584.60	2238015.40	1174.02
6189	220531.65	2238104.50	1174.08
6190	220396.14	2238140.70	1174.13
6191	220450.81	2238122.90	1174.15
6192	220339.68	2238162.10	1174.24
6193	220545.98	2237731.90	1174.34
6194	220581.05	2238104.80	1174.35
6195	220506.74	2238101.90	1174.38
6196	221519.40	2238164.20	1174.40
6197	221518.98	2238175.30	1174.40
6198	220578.41	2237980.20	1174.40
6199	220610.06	2238066.30	1174.43
6200	221515.82	2238144.10	1174.50
6201	221513.95	2238411.40	1174.60
6202	220560.49	2238079.80	1174.64
6203	221532.28	2238164.80	1174.80
6204	221515.32	2238175.32	1174.80
6205	220418.07	2238211.00	1175.11
6206	220471.48	2238194.60	1175.28
6207	220550.61	2237731.10	1175.46
6208	220541.66	2237732.20	1175.69
6209	220543.45	2238131.10	1175.71
6210	220587.18	2238151.40	1175.73
6211	220692.00	2238116.00	1175.75
6212	220522.77	2238173.70	1175.80
6213	220368.67	2238223.70	1176.01
6214	220437.88	2238270.40	1176.48
6215	220545.93	2238236.50	1176.52
6216	220707.93	2238160.30	1176.66
6217	220487.48	2238253.40	1176.73
6218	220581.67	2238170.90	1176.79
6219	220566.50	2237727.00	1176.80
6220	221521.75	2238411.70	1176.80
6221	221507.46	2238411.10	1176.80
6222	220510.98	2238215.30	1176.81
6223	220688.42	2238123.60	1176.86
6224	220688.27	2238124.30	1176.90
6225	221504.96	2238607.40	1176.90
6226	220693.61	2238200.10	1176.94
6227	220651.88	2238201.30	1176.94
6228	220515.55	2237570.80	1177.01
6229	220700.37	2238218.50	1177.15
6230	220400.89	2238283.30	1177.13
6231	220718.04	2238179.60	1177.21
6232	220461.98	2238337.10	1177.23
6233	220437.25	2238559.50	1177.36
6234	220706.48	2238214.10	1177.40
6235	220735.64	2238204.40	1177.41
6236	220715.40	2238211.10	1177.43
6237	220715.93	2238178.10	1177.50
6238	220717.73	2238216.60	1177.55
6239	220685.35	2238264.50	1177.57
6240	220633.10	2238273.50	1177.54
6241	220710.69	2238219.50	1177.55
6242	220647.47	2238432.20	1177.61
6243	220678.53	2238598.70	1177.65
6244	220521.53	2238318.40	1177.67
6245	220742.06	2238243.60	1177.73
6246	220640.32	2238444.60	1177.82
6247	220515.85	2238413.30	1177.85
6248	221504.09	2238659.50	1177.85
6249	220540.73	2237670.10	1177.92
6250	221503.95	2238629.30	1178.10
6251	220694.74	2238507.80	1178.38
6252	221502.74	2238655.30	1178.38
6253	220771.80	2238178.50	1178.55
6254	220724.80	2238323.20	1178.48
6255	220709.14	2238408.90	1178.53
6256	220555.87	2238387.40	1178.60
6257	220610.18	2238430.50	1178.7
6258	220615.79	2238362.60	1178.75
6259	221514.65	2238630.70	1178.87
6260	221510.94	2238629.80	1179.00
6261	221498.96	2238607.90	1179.00
6262	220772.59	2238312.20	1179.01
6263	220765.19	2238305.70	1179.02
6264	220783.72	2238598.00	1179.06
6265	221513.41	2238655.10	1179.06
6266	220750.98	2238511.10	1179.08
6267	220607.70	2238610.10	1179.10
6268	221517.67	2238579.10	1179.15
6269	220660.00	2238399.70	1179.24
6270	221493.93	2238654.80	1179.27
6271	221489.35	2238664.70	1179.33
6272	221494.38	2238629.20	1179.37
6273	220796.95	2238589.80	1179.39
6274	220692.15	2238381.10	1179.39
6275	221490.59	2238629.30	1179.42
6276	221452.51	2238722.60	1179.43
6277	220653.33	2238423.40	1179.44
6278	221494.86	2238628.90	1179.50
6279	220785.94	2238308.70	1179.52
6280	220524.81	2237601.70	1179.57
6281	221481.25	2238610.50	1179.58
6282	220802.80	2238630.20	1179.54
6283	220836.70	2238662.80	1179.58
6284	221384.39	2238718.60	1179.58
6285	220758.47	2238398.70	1179.59
6286	221486.60	2238725.80	1179.75
6287	220746.12	2238824.50	1179.81
6288	220844.31	2238698.30	1179.86
6289	220818.42	2238670.30	1179.92
6290	220515.53	2238645.80	1180.19
6291	220600.55	2238377.50	1180.19
6292	220713.88	2238490.50	1180.19
6293	220802.70	2238587.10	1180.26
6294	220861.50	2238695.10	1180.38
6295	220754.65	2238508.50	1180.39
6296	220789.89	2238463.70	1180.47
6297	220508.16	2238585.50	1180.55
6298	220532.36	2238787.20	1180.63
6299	220743.95	2238474.50	1180.65
6300	220529.58	2237600.60	1180.76
6301	220814.60	2238785.80	1180.78
6302	220518.39	2237568.70	1180.78
6303	220519.49	2237602.40	1180.87
6304	221482.98	2238826.80	1180.88
6305	221283.65	2238714.40	1180.93
6306	221382.84	2238623.20	1181.06
6307	220625.98	2238624.10	1181.39
6308	221182.26	2238710.40	1181.46
6309	220828.49	2238446.20	1181.62
6310	220543.19	2237597.50	1181.65
6311	220845.08	2238680.40	1181.69
6312	220846.80	2238659.80	1181.69
6313	221392.20	2238815.70	1181.71
6314	221080.75	2238707.20	1181.76
6315	221425.81	2238935.10	1181.78
6316	220821.20	2238593.50	1181.87
6317	221478.89	2238935.70	1181.91
6318	221192.84	2238806.80	1181.93
6319	221093.75	2238799.70	1182.16
6320	221382.98	2238603.70	1182.17
6321	220511.76	2237526.20	1182.21
6322	220845.33	2238696.80	1182.25
6323	221327.00	2238927.30	1182.28
6324	220512.99	2237568.00	1182.31
6325	220853.48	2238507.80	1182.43
6326	220845.85	2238575.30	1182.65
6327	220972.53	2238703.20	1182.70
6328	221031.39	2238906.80	1182.88
6329	220888.86	2238638.80	1182.88
6330	221381.08	2238603.90	1182.89
6331	221287.33	2238605.20	1182.90
6332	220945.86	2238787.80	1182.91
6333	221131.70	2238912.60	1182.94
6334	221011.27	2238793.30	1182.96
6335	221228.49	2238818.50	1183.03
6336	221285.28	2238916.90	1183.13
6337	221472.44	2238529.10	1183.14
6338	220874.69	2238565.50	1183.18
6339	220507.98	2237500.40	1183.24
6340	221191.10	2238606.30	1183.76
6341	220508.51	2237527.10	1183.88
6342	221181.69	2238913.20	1183.92
6343	220515.40	2237574.50	1183.97
6344	221468.05	2239131.30	1184.26
6345	220529.38	2237526.20	1184.28
6346	220893.82	2238616.20	1184.43
6347	221088.36	2238608.90	1184.43
6348	221111.97	2238910.60	1184.56
6349	221885.02	2238615.40	1184.57
6350	221416.00	2239127.40	1184.58

AS-BUILT

Revisions

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A	90% SUBMITTAL TO RAB & BCT	7/25/97	LOY

IT CORPORATION
SAN BERNARDINO, CALIFORNIA

U.S. AIR FORCE
BASE CONVERSION AGENCY
FORMER NORTON AFB, CALIFORNIA

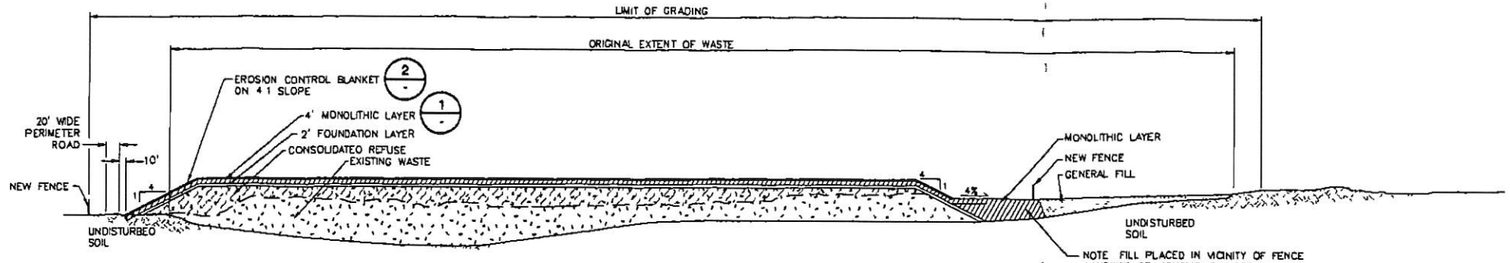
Designed by DES
Drawn by DWN
Checked by CHK
Reviewed by REV
Approved by APP

IRP SITE 2
LANDFILL CLOSURE

FINAL GRADING PLAN
COORDINATE DETAILS

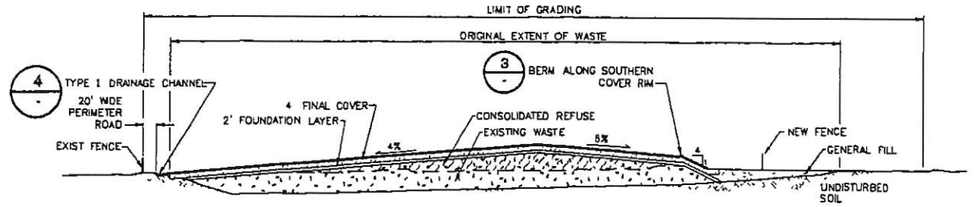
Scale SCALE
Date DATE
Drawing Code DWG_CODE
Sheet reference number C5a
Sheet 8 of 21

765501/08



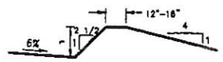
SECTION A / C5
HORIZ SCALE 1" = 100'
VERT SCALE 1" = 50'

NOTE:
EROSION CONTROL BLANKETS INSTALLED ON 4:1 SLOPES (2)

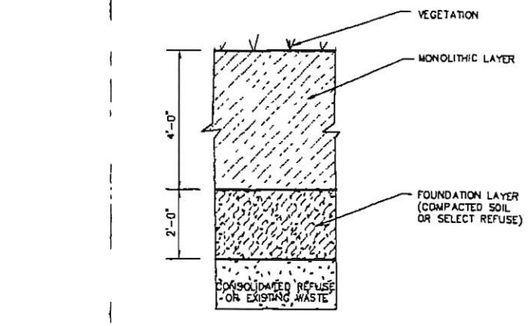


SECTION B / C5
HORIZ SCALE 1" = 100'
VERT SCALE 1" = 50'

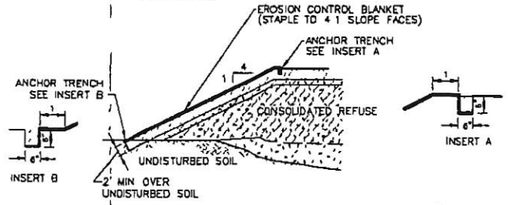
NOTE:
EROSION CONTROL BLANKETS INSTALLED ON 4:1 SLOPES (2)



BERM DETAIL (3)
NOT TO SCALE

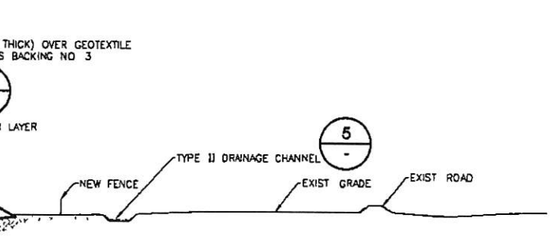


TYPICAL FINAL COVER DETAIL (1)
NOT TO SCALE



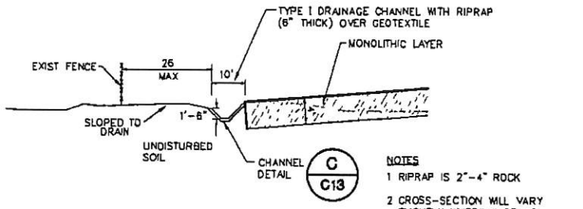
EROSION CONTROL BLANKET DETAIL (2)
HORIZ SCALE 1" = 50'
VERT SCALE 1" = 25'

NOTES:
1. SEE SHEET G2 FOR LEGEND.
2. THE FINAL COVER ON THE SOUTH TOP WAS RAISED 2 FEET AND THE SLOPE INCREASED TO 6% WITH THE APPROVAL OF THE CONSTRUCTION MANAGER.



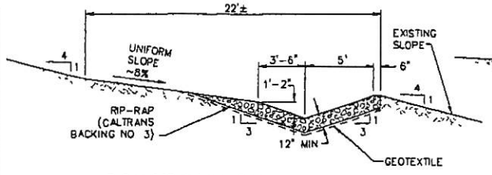
SECTION C / C5
HORIZ SCALE 1" = 20'
VERT SCALE 1" = 10'

NOTE:
INSTALL EROSION CONTROL BLANKETS ON 4:1 SLOPES (2)

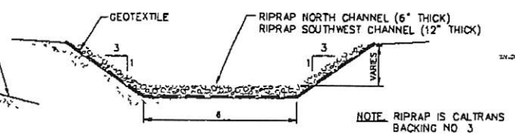


NOTES
1 RIPRAP IS 2"-4" ROCK
2 CROSS-SECTION WILL VARY SLIGHTLY WHERE SURFACE COMPLETIONS FOR MONITORING WELLS ENCROACH INTO CHANNEL

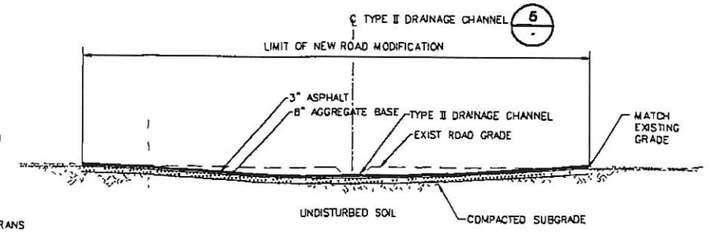
TYPE I CHANNEL DETAIL (4 / C5)
HORIZ SCALE 1" = 20'
VERT SCALE 1" = 10'



DOWNDRAIN ON SOUTHWEST RAMP DETAIL (6)
SCALE 1" = 5'



TYPE II CHANNEL DETAIL (5 / C5)
NOT TO SCALE



DRAINAGE SWALE SECTION (F / C1, F / C5)
HORIZ SCALE 1" = 20'
VERT SCALE 1" = 10'

AS-BUILT

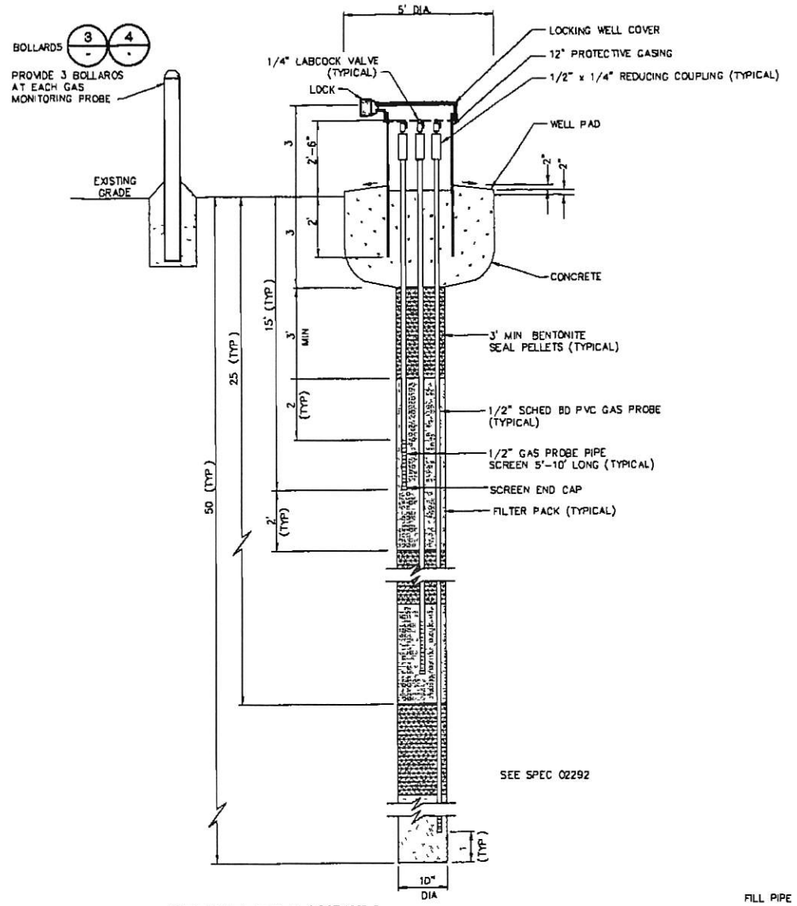
REGISTERED PROFESSIONAL ENGINEER — LEONARD Q. YAMAMOTO — No. 33715 — EXP 06-30-02 — CIVIL — STATE OF CALIFORNIA

Revisions			
Symbol	Description	Date	Approved
2	AS-BUILT	5/11/98	LOY
1	100% SUBMITTAL ISSUED FOR CONSTRUCTION	1/28/98	LOY
A	90% SUBMITTAL TO RAB & BCT	7/25/97	LOY

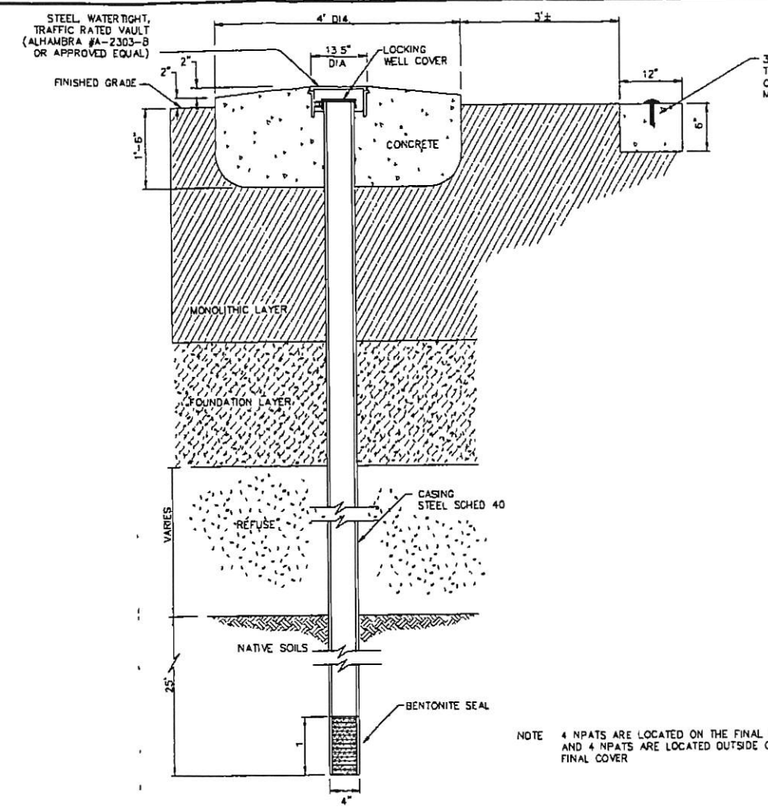
IT CORPORATION
SAN BERNARDINO, CALIFORNIA

U.S. AIR FORCE
BASE CONVERSION AGENCY
FORMER NORTON AFB, CALIFORNIA

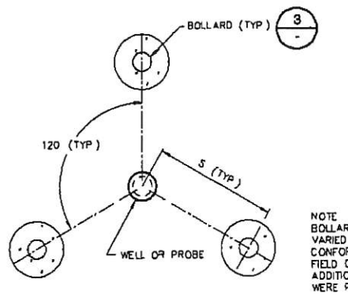
Designed by H FELT	IRP SITE 2 LANDFILL CLOSURE
Drawn by H FELT	SECTIONS
Checked by M WILLIAMS	
Reviewed by T KIMURA	Scale AS NOTED
Approved by L YAMAMOTO	Date JANUARY 1998
	Drawing Code
	Sheet reference number C6
	Sheet 9 of 21



PERIMETER LANDFILL GAS MONITORING PROBE DETAIL 1/C9
NOT TO SCALE

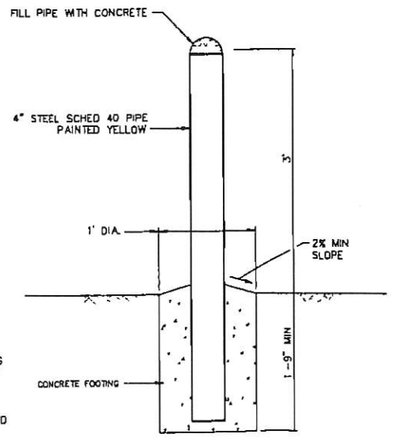


NEUTRON PROBE ACCESS TUBE (NPAT) DETAIL 2/C9
NOT TO SCALE



NOTE
BOLLARD ARRANGEMENTS VARIED IN THE FIELD TO CONFORM WITH ACTUAL FIELD CONDITIONS ADDITIONAL BOLLARDS WERE PLACED AS NEEDED

BOLLARD CONFIGURATION PLAN 4/-
NOT TO SCALE



BOLLARD DETAIL 3/- 3/M2
NOT TO SCALE

NOTES.

1 SEE SHEET G2 FOR LEGEND

2 AS-BUILT DETAILS FOR PERIMETER LANDFILL GAS MONITORING PROBES AND THE NPATs CAN BE FOUND IN THE BEI CLOSURE REPORT

NOTE 4 NPATS ARE LOCATED ON THE FINAL COVER AND 4 NPATS ARE LOCATED OUTSIDE OF THE FINAL COVER

REGISTERED PROFESSIONAL ENGINEER
LLOYD O YAMAMOTO
No. 33718
EXP 08-30-02
CIVIL
STATE OF CALIFORNIA

AS-BUILT

Revisions			
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2	AS-BUILT	3/11/99	LOY
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IT CORPORATION
SAN BERNARDINO, CALIFORNIA

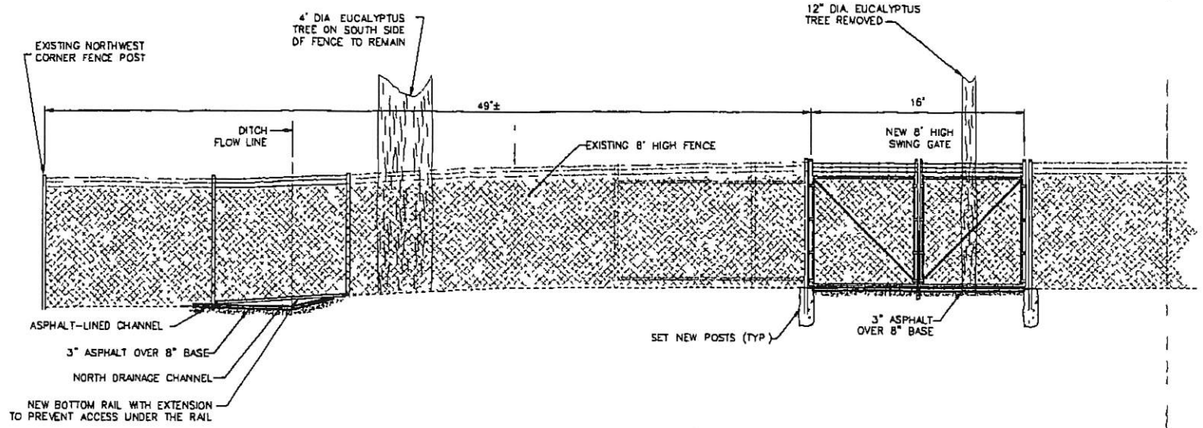
U.S. AIR FORCE
BASE CONVERSION AGENCY
FORMER NORTON AFB, CALIFORNIA

Designed by	M UNRUH
Drawn by	J CONWELL
Checked by	M WILLIAMS
Reviewed by	T KIMURA
Approved by	L YAMAMOTO

IRP SITE 2
LANDFILL CLOSURE

DETAILS

Scale AS SHOWN
Date JANUARY 1998
Drawing Code
Sheet reference number C7
Sheet 10 of 21



FENCING SECTION (1/C5)
SCALE 1" = 5'

NOTES:

1. SEE SHEET G2 FOR LEGEND.
2. APPROPRIATE WARNING SIGNAGE PLACED ON FENCING.
3. SEE SPEC 02820 FOR FENCING.

REGISTERED PROFESSIONAL ENGINEER
LEONARD O YAMAMOTO
No 33718
EXP. 06-30-02
CIVIL
STATE OF CALIFORNIA

AS-BUILT

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IT CORPORATION
SAN BERNARDINO, CALIFORNIA

U.S. AIR FORCE
BASE CONVERSION AGENCY
FORMER NORTON AFB, CALIFORNIA

IRP SITE 2
LANDFILL CLOSURE

DETAILS

Designed by H FELT	Scale AS SHOWN	Sheet reference number C8	
Drawn by H FELT	Date JANUARY 1998		Sheet 11 of 21
Checked by T. KIMURA	Drawing Code		
Reviewed by M WILLIAMS			
Approved by L YAMAMOTO			

CONNECTION TO CITY OF SAN BERNARDINO WATER SERVICE CITY PROVIDED METER

CONNECTION TO SCE AND TELEPHONE COMPANY SERVICE

POWER AND TELEPHONE

NEW 2" STL GAS LINE AND METER INSTALLED BY SCG

CONNECTION TO SCG METER

UTILITIES

Q EAST 3RD STREET

Q ALABAMA AVENUE

1" PVC

NEUTRON PROBE (TYP.) 2/C7

PULL BOX

TRANSFORMER PAD (72" x 94" FOR SCE-SUPPLIED TRANSFORMER)

LFG TREATMENT SYSTEM FLARE STATION 1/C11

APPROXIMATE LIMIT OF FINAL COVER

1/C7 LFG MONITORING PROBE (TYP.)

NPAT1 NPAT2 NPAT3 NPAT4 NPAT5 NPAT6 NPAT7 NPAT8

SW-11 SW-12 SW-13 SW-14

VE-1 VE-2

MW-244 MW-246 MW-252 MW-238 MW-156 MW-251 MW-235 MW-239 MW-240 MW-241

SMALL PILES AVERAGE HEIGHT 2.5

ABANDONED OLIVE ORCHARD

BUBBLE AREA

FUEL OIL DOCK

LEACHING WELL

BLDG 248

NOTE:

1. SEE SHEET G2 FOR LEGEND.

SECTION A-A
NOT TO SCALE

BACKFILL WITH SELECT GRANULAR MATERIAL
12" MIN
1" PVC (WATER)
4" PVC (ELEC) WIRE BY SCE
1 ø TELEPHONE
SURFACE GRADE
24" MIN
16" MIN
2" BLACK IRON (GAS)

AS-BUILT

REGISTERED PROFESSIONAL ENGINEER LEONARD O YAMAMOTO No 33718 EXP 06-30-02 CIVIL STATE OF CALIFORNIA

Revisions			
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IT CORPORATION
SAN BERNARDINO, CALIFORNIA

U.S. AIR FORCE
BASE CONVERSION AGENCY
FORMER NORTON AFB, CALIFORNIA

Designed by M REASON
Drawn by J. CONWELL
Checked by M UNRUH
Reviewed by T KIMURA
Approved by L YAMAMOTO

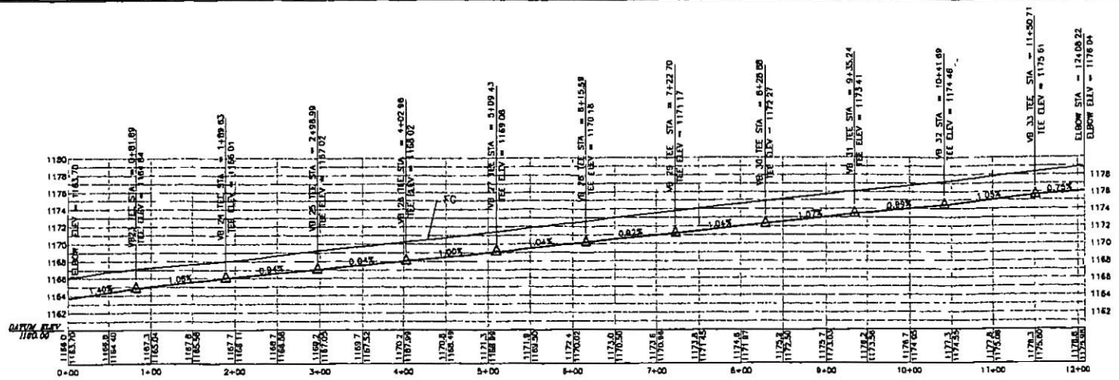
IRP SITE 2
LANDFILL CLOSURE

UTILITIES AND MONITORING NETWORK

Scale AS SHOWN
Date JANUARY 1998
Drawing Code
Sheet reference number C9
Sheet 12 of 21

Point	Northing	Easting	Elevation	Description
7102	2220550.5300	2237791.8100	1163.19	AP
7103	2220185.8400	2237416.1300	1164.24	ELBOW
7104	2220185.8100	2237374.2400	1164.21	AP
7105	2220218.2400	2237474.2700	1171.81	T VB45 CTR
7106	2220706.6018	2237618.7615	1174.40	VALVE 1
7107	2220687.2700	2237874.1300	1174.83	FLANGE CTR
7108	2220737.2500	2237809.4000	1174.78	AP ELBOW
7109	2220423.2900	2237600.9800	1174.86	VALVE 2
7110	2220260.9100	2237583.9100	1175.43	T VB44 CTR
7111	2220413.1887	2237579.2693	1174.41	T ELBOW STA
7112	2211448.2900	2237474.8300	1163.24	C12
7113	2211349.0800	2237474.2100	1164.51	C12
7114	2211249.1300	2237474.2300	1164.44	C13
7115	2211149.2000	2237474.0800	1163.62	C14
7116	2211049.3000	2237474.9500	1164.33	C15
7117	2210949.3300	2237474.0400	1165.18	C16
7118	2220649.3600	2237425.1800	1163.72	C17
7119	2220749.6800	2237426.4900	1162.66	C18
7120	2220849.0100	2237427.7800	1164.78	C19
7121	2220714.8420	2237619.2330	1174.42	T SUMP
7122	2221404.2800	2238103.1400	1176.14	C11
7123	2221304.8200	2238004.3000	1176.97	C12
7124	2221204.0600	2237858.7700	1176.15	C13
7125	2221104.0200	2237810.2600	1177.63	C14
7126	2221004.1400	2237811.9800	1180.88	C15
7127	2220903.9700	2237814.0000	1181.18	C16
7142	2221356.8100	2237727.5800	1163.76	VEW16 ELBOW
7143	2221398.2800	2237724.4000	1164.20	VEW16 FLANGE
7144	2221399.4100	2237719.5000	1164.10	VEW19 FLANGE
7131	2221557.3400	2237466.2600	1164.49	VEW17 ELBOW
7132	2221617.4100	2237468.8300	1165.17	VEW18 ELBOW
7133	2221598.7000	2237725.6800	1163.54	VEW18 FLANGE
7134	2221098.6200	2237395.0100	1164.65	VEW19 ELBOW
7135	2221098.9200	2237388.9800	1164.61	VEW18 ELBOW
7136	2220939.4400	2237468.1800	1164.00	VEW20 ELBOW
7137	2220939.8000	2237724.1300	1163.83	VEW20 FLANGE
7138	2221053.7100	2237727.5400	1197.07	VEW1 ELBOW
7139	2221054.4300	2237605.6400	78.33	VEW1 FLANGE
7140	2221157.7600	2237605.6200	1176.27	VEW2 FLANGE
7141	2221157.4000	2237604.1700	1176.23	VEW2 ELBOW
7142	2221253.8000	2237598.1400	1176.18	VEW3 ELBOW
7143	2221253.6200	2237598.1800	1176.19	VEW3 FLANGE
7 44	2221584.2700	2238862.3500	1174.26	VEW4 FLANGE
7145	2221152.4700	2238574.1000	1174.32	VEW4 ELBOW
7145	2220695.4300	2237724.5700	1164.25	VEW21 FLANGE
7147	2220726.0200	2237519.0200	1166.93	VEW22 ELBOW
7148	2220697.7100	2237520.4200	1166.12	VEW22 FLANGE
7149	2220835.8600	2237518.3600	1164.83	VEW21 ELBOW
7150	2220829.4400	2237427.0200	1164.24	VEW23 FLANGE
7151	2220829.8100	2237426.5100	1164.21	VEW23 ELBOW
7152	2220587.1800	2237497.8400	1165.82	VEW24 ELBOW
7153	2220587.4900	2237724.8400	1165.90	VEW24 FLANGE
7154	2220458.9400	2237724.5400	1166.51	VEW25 FLANGE
7155	2220497.5000	2237473.3600	1168.13	VEW25 ELBOW
7156	2221589.6900	2237564.8700	1164.27	VEW2 ELBOW
7157	2221589.6700	2237724.1300	1164.24	VEW2 FLANGE
7158	2221588.8100	2237722.8800	1165.93	VEW1 FLANGE
7159	2221372.8800	2237588.9100	1164.41	VEW1 HORIZ ELBOW
7160	2221364.3700	2237588.3900	1164.24	VEW1 VERT CAP
7161	2220349.3700	2237724.4900	1163.73	FLANGE#10 WEST
7162	2221349.0400	2237491.1500	1163.61	VEW14
7163	2221405.8400	2237597.2800	1163.33	VEW13
7164	2221459.5300	2237703.5200	1164.25	VEW12
7165	2221459.1900	2237810.1400	1165.14	VEW12
7166	2221479.8800	2237917.1000	1166.57	VEW11
7167	2221473.7100	2238011.9100	1167.38	VEW10
7168	2221474.2600	2238129.2300	1168.74	VEW9
7169	2221464.5300	2238236.6700	1169.63	VEW8
7170	2221458.4100	2238343.5000	1170.88	VEW7
7171	2221461.1100	2238450.1800	1171.93	VEW6
7172	2221458.6400	2238557.8400	1172.00	VEW5
7173	2221489.2200	2238658.8200	1174.83	FLANGE VEW2
7174	2221489.1600	2238658.8200	1174.83	FLANGE VEW3
7175	2221489.1200	2238658.8200	1174.83	FLANGE VEW4
7176	2221489.1400	2238658.8200	1174.83	FLANGE VEW5
7177	2221489.1600	2238658.8200	1174.83	FLANGE VEW6
7178	2221514.1000	2238702.0200	1168.49	FLANGE VEW10
7179	2221519.2100	2238758.8400	1168.56	FLANGE VEW11
7180	2221545.8800	2238781.1400	1167.58	FLANGE VEW12
7181	2221539.9200	2237704.8000	1166.67	FLANGE VEW13
7182	2221533.9200	2237597.2100	1165.30	FLANGE VEW14
7183	2221518.9800	2237481.70	1164.46	FLANGE VEW15
7184	2220731.7800	2237590.3600	1164.14	C17 TOP FLANGE
7185	2220198.3400	2237417.1600	1163.96	FLANGE
7186	2220400.9700	2237414.5100	1163.95	SUMP 1
7187	2220404.2100	2237412.8000	1163.75	ANGLE #1
7181	2220418.1800	2237412.8000	1163.77	FLANGE
7192	2220501.0700	2237412.2300	1164.94	VB1
7193	2220543.1100	2237412.4600	1164.69	FLANGE
7194	2220543.1200	2237412.4000	1164.68	SUMP 1
7195	2220543.1200	2237412.3900	1164.63	T VB1
7196	2220584.4300	2237412.2300	1164.31	T VB1
7197	2220550.2100	2237412.1000	1164.68	T VB1
7198	2220615.1600	2237411.8700	1163.76	T VB2
7199	2220700.0200	2237411.8600	1163.82	T VB3
7200	2220743.5400	2237411.8200	1164.12	FLANGE
7201	2220750.6200	2237411.8100	1164.17	T VB3
7202	2220801.3500	2237411.6700	1164.20	T VB3
7203	2220846.0100	2237411.5400	1163.42	SUMP 2
7204	2220850.8900	2237411.5300	1163.63	T VB3
7205	2220903.5100	2237411.3900	1163.98	T VB3
7206	2220958.9300	2237411.2800	1164.43	FLANGE
7207	2220959.0200	2237411.4400	64.42	T VB10
7208	2220959.9200	2237411.1100	1163.49	SUMP 1
7209	2221000.7400	2237221.1000	1163.46	T VB11
7210	2221002.9600	2237419.9800	1163.78	T VB12
7211	2221059.1500	2237410.2300	1164.32	T VB13
7212	2221143.3500	2237410.6900	163.17	FLANGE
7213	2221145.1500	2237410.6900	1163.18	SUMP 1
7214	2221143.8100	2237410.6700	1163.22	T VB14
7215	2221193.3600	2237410.5300	1163.50	T VB15
7216	2221243.8100	2237410.3900	1162.31	T VB16
7217	2221454.1400	2237410.3700	1164.04	FLANGE
7218	2221257.1835	2237410.3700	1163.92	FLANGE
7219	2221367.1000	2237410.3400	1163.62	T VB17
7220	2221285.1000	2237410.2600	1162.85	SUMP 1
7221	2221293.9400	2237410.2400	1162.91	T VB18

Point	Northing	Easting	Elevation	Description
7222	2221346.5200	2237410.1300	1163.39	FLANGE
7223	2221397.2600	2237410.1000	1163.22	T VB19
7224	2221379.6100	2237410.0700	1163.68	T VB20
7225	2221441.0100	2237410.0400	1163.79	T VB21
7226	2221423.3900	2237409.9300	1164.64	SUMP 1
7227	2221442.1800	2237409.8900	1164.65	T VB22
7228	2221463.3400	2237409.8100	1164.64	T VB23
7229	2221484.5100	2237409.7400	1164.64	FLANGE
7230	2221505.6900	2237409.6700	1164.64	ELBOW
7231	2221515.6400	2237749.1200	1167.55	Rim VB21
7232	2221515.6400	2237749.0900	1168.78	Rim VB24
7233	2221515.6400	2237749.0600	1168.84	Rim VB25
7234	2221534.7000	2237761.1300	1170.90	Rim VB26
7235	2221509.2100	2237761.1500	1171.10	Rim VB27
7236	2221504.8600	2237760.8900	1171.03	Rim VB28
7237	2221519.6900	2238131.2900	1174.15	Rim VB29
7238	2221514.8100	2238037.2400	1175.27	Rim VB30
7239	2221506.8100	2238134.3600	1176.05	Rim VB31
7240	2221502.7400	2238234.4500	1176.49	Rim VB32
7241	2221497.8400	2238332.5400	1178.45	Rim VB33
7242	2221538.7900	2237749.1500	1164.57	TOP OF PIPE
7243	2221515.6400	2237749.1500	1164.64	ELBOW
7244	2221425.1300	2237689.1000	1166.01	T VB24
7245	2221426.6400	2237689.0700	1167.02	T VB25
7246	2221426.6400	2237689.0400	1167.04	FLANGE
7247	2221426.6400	2237689.0100	1168.01	T VB26
7248	2221426.6400	2237688.9800	1168.16	T VB27
7249	2221426.6400	2237688.9500	1168.08	T VB28
7250	2221425.6400	2238024.6100	1170.18	T VB29
7251	2221426.6400	2238024.2900	1171.14	T VB30
7252	2221426.6400	2238024.2600	1171.13	T VB31
7253	2221426.6400	2238024.2300	1171.27	T VB32
7254	2221426.6400	2238024.2000	1172.46	T VB33
7255	2221426.6400	2238024.1700	1174.48	T VB34
7256	2221426.6400	2238024.1400	1174.46	T VB35
7257	2221501.1200	2238550.1700	1175.61	T VB36
7258	2221493.1600	2238550.1400	1176.05	AP
7259	2221493.1600	2238518.6500	1176.04	SUMP 9
7260	2221444.1100	2238411.8800	1168.43	SUMP 8
7261	2221444.1100	2238411.8500	1168.43	T VB37
7262	2221378.1100	2238411.8400	1168.90	Rim VB37
7263	2221378.1100	2238411.8400	1168.90	Rim VB38
7264	2221378.1100	2238411.8400	1168.83	VB38
7265	2221378.1100	2238411.8400	1168.88	VB39
7266	2221378.1100	2238411.8400	1168.88	SUMP 7
7267	2221378.1100	2238411.8400	1168.84	VB37
7268	2221378.1100	2238411.8400	1169.74	SUMP 6
7269	2221378.1100	2238411.8400	1169.93	VB13
7270	2221378.1100	2238411.8400	1169.98	VB40
7271	2221378.1100	2238411.8400	1169.98	SUMP5
7272	2221378.1100	2238411.8400	1169.97	VB41
7273	2221378.1100	2238411.8400	1169.97	VB42
7274	2221378.1100	2238411.8400	1169.97	VB43

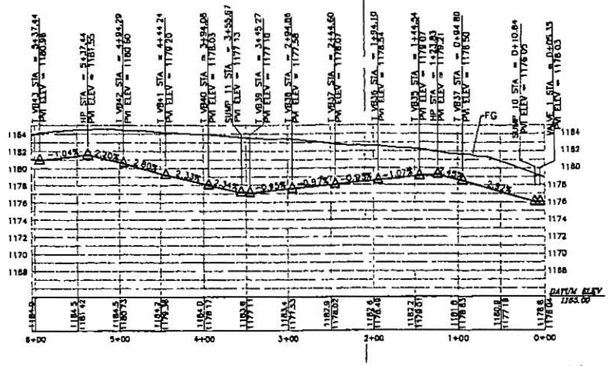


NORTH HEADER/ WEST HEADER CONNECTION

NORTH HEADER/ EAST HEADER CONNECTION

NORTH HEADER PROFILE (F / C10)

HORIZONTAL SCALE 1" = 80'
VERTICAL SCALE 1" = 8'

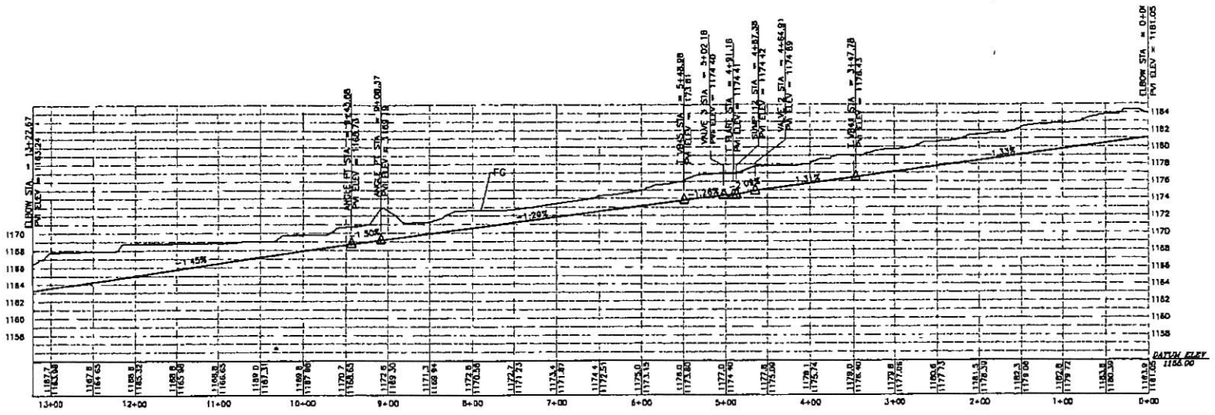


EAST HEADER/ SOUTH HEADER CONNECTION

EAST HEADER/ NORTH HEADER CONNECTION

EAST HEADER PROFILE (H / C10)

HORIZONTAL SCALE 1" = 80'
VERTICAL SCALE 1" = 8'

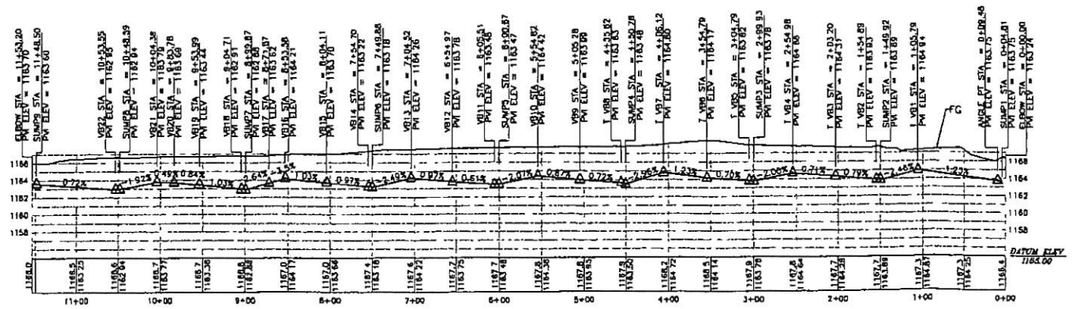


SOUTH HEADER/ WEST HEADER CONNECTION

SOUTH HEADER/ EAST HEADER CONNECTION

SOUTH HEADER PROFILE (G / C10)

HORIZONTAL SCALE 1" = 80'
VERTICAL SCALE 1" = 8'



WEST HEADER/ NORTH HEADER CONNECTION

WEST HEADER/ SOUTH HEADER CONNECTION

WEST HEADER PROFILE (J / C10)

HORIZONTAL SCALE 1" = 80'
VERTICAL SCALE 1" = 8'

REGISTERED PROFESSIONAL ENGINEER
LEONARD O YAMAMOTO
No 33718
EXP 06-30-02
CIVIL
STATE OF CALIFORNIA

AS-BUILT

Revisions			
Symbol	Description	Date	Approved
2	AS-BUILT	5/1./99	LOY
1	100% SUBMITTAL ISSUED FOR CONSTRUCTION	1/28/98	LOY
A	90% SUBMITTAL TO RAB & BCT	7/25/97	LOY

IT CORPORATION
SAN BERNARDINO, CALIFORNIA

U.S. AIR FORCE
BASE CONVERSION AGENCY
FORMER NORTON AFB, CALIFORNIA

Designed by W NAKAGAWA
Drawn by H FELT
Checked by M WILLIAMS
Reviewed by T KIMURA
Approved by L YAMAMOTO

IRP SITE 2
LANDFILL CLOSURE

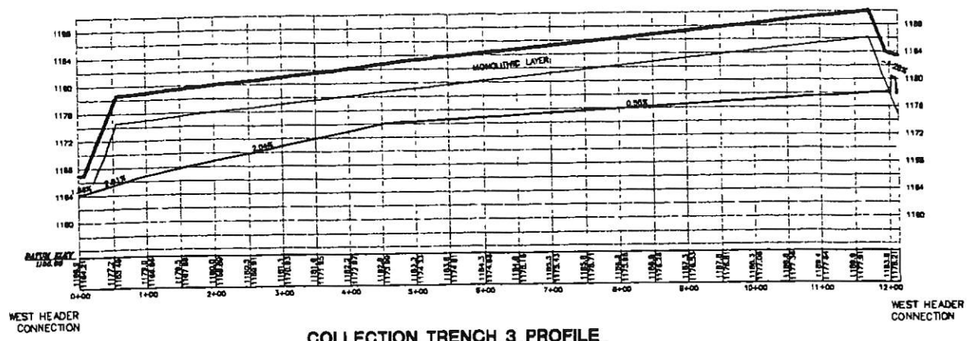
LFG COLLECTION SYSTEM
HEADER PIPE PROFILES

Scale AS NOTED
Date JANUARY 1998
Drawing Code

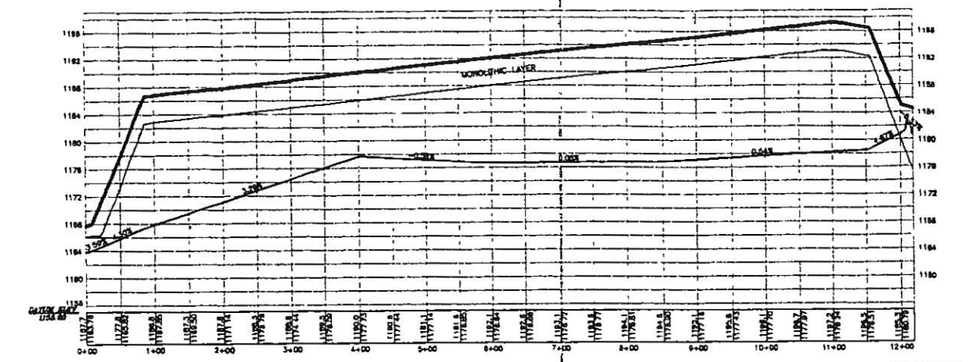
Sheet reference number C11

Sheet 14 of 21

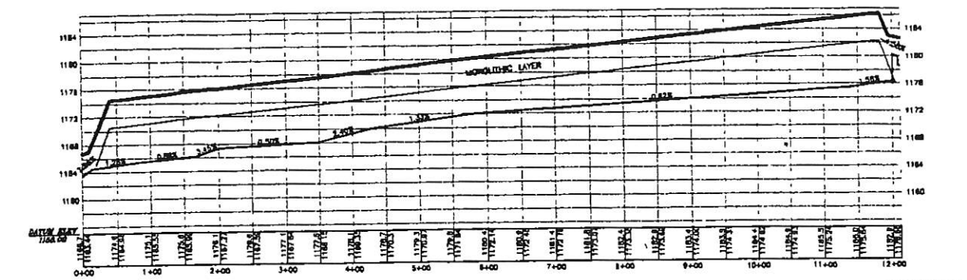
2863760



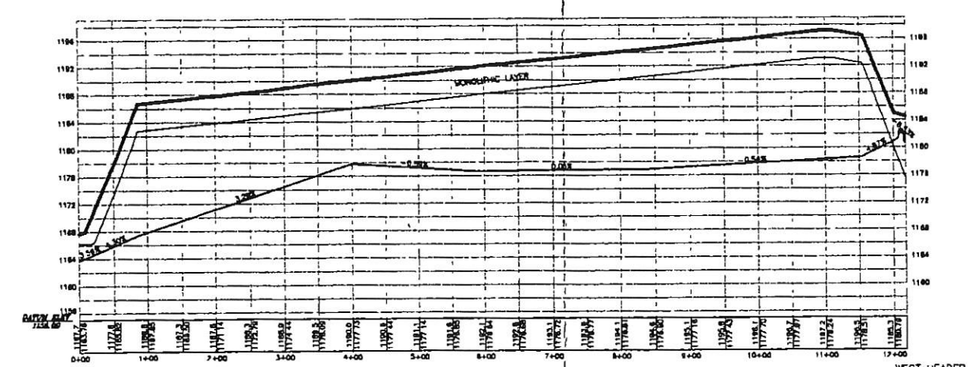
COLLECTION TRENCH 3 PROFILE
HORIZONTAL SCALE 1" = 100'
VERTICAL SCALE 1" = 10'



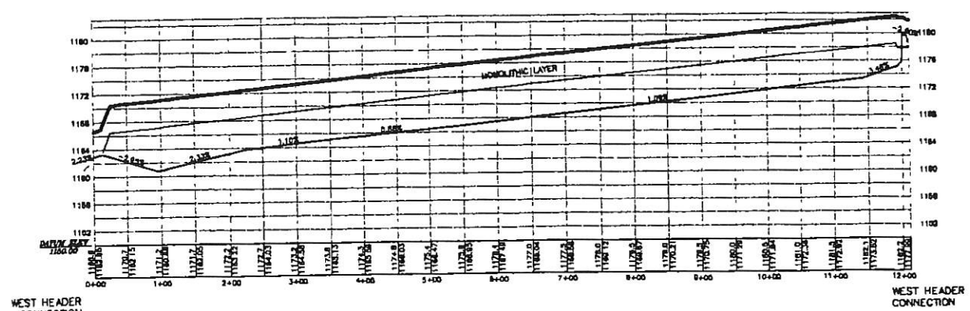
COLLECTION TRENCH 6 PROFILE
HORIZONTAL SCALE 1" = 100'
VERTICAL SCALE 1" = 10'



COLLECTION TRENCH 2 PROFILE
HORIZONTAL SCALE 1" = 100'
VERTICAL SCALE 1" = 10'



COLLECTION TRENCH 4 PROFILE
HORIZONTAL SCALE 1" = 100'
VERTICAL SCALE 1" = 10'



COLLECTION TRENCH 1 PROFILE
HORIZONTAL SCALE 1" = 100'
VERTICAL SCALE 1" = 10'

REGISTERED PROFESSIONAL ENGINEER
RICHARD O YAMAMOTO
No. 33718
EXP 06-30-02
CIVIL
STATE OF CALIFORNIA

AS-BUILT

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1	AS-BUILT	9/11/98	LOY
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IT CORPORATION
SAN BERNARDINO, CALIFORNIA

U.S. AIR FORCE
BASE CONVERSION AGENCY
FORMER NORTON AFB, CALIFORNIA

Designed by W NAKAGAWA
Drawn by H FELT
Checked by M. WILLIAMS
Reviewed by T KIMURA
Approved by L. YAMAMOTO

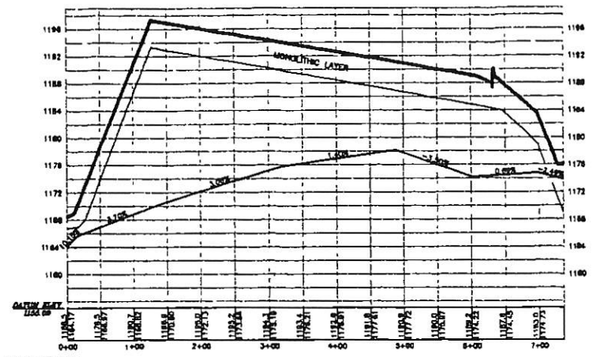
IRP SITE 2
LANDFILL CLOSURE

LFG COLLECTION SYSTEM
HORIZONTAL TRENCH PIPE PROFILES

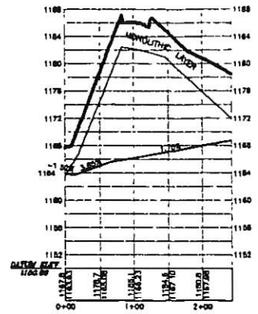
Scale AS NOTED
Date JANUARY 1998
Drawing Code

Sheet reference number C11a

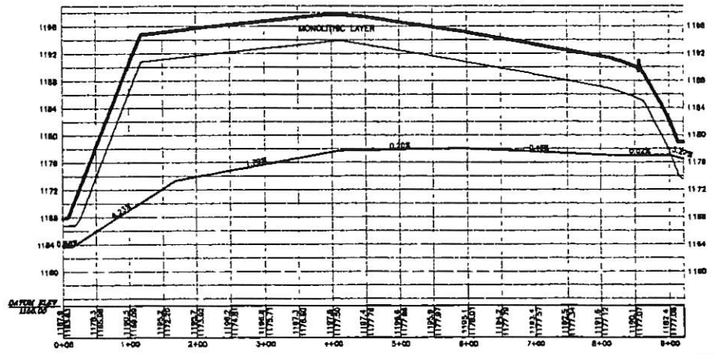
Sheet 15 of 21



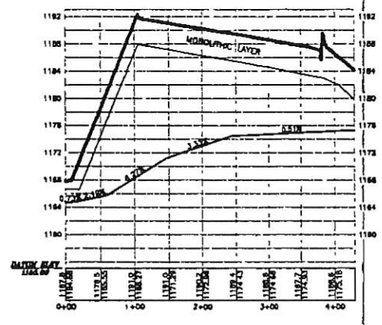
COLLECTION TRENCH 8 PROFILE
HORIZONTAL SCALE 1" = 100'
VERTICAL SCALE 1" = 10'



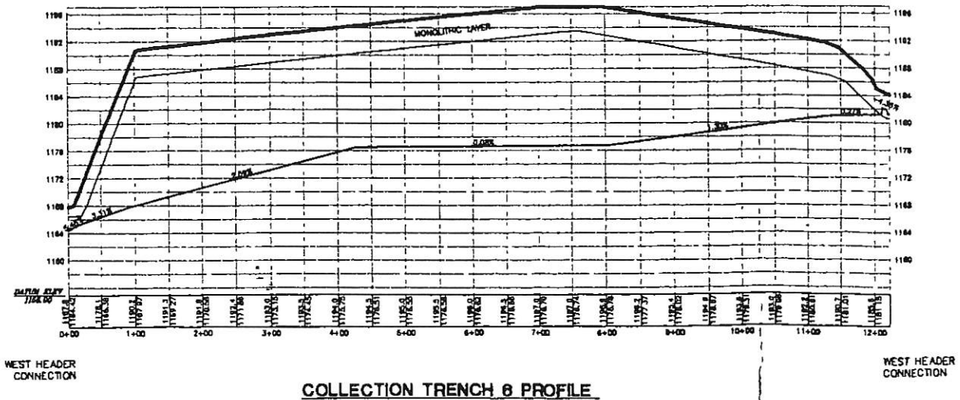
COLLECTION TRENCH 10 PROFILE
HORIZONTAL SCALE 1" = 100'
VERTICAL SCALE 1" = 10'



COLLECTION TRENCH 7 PROFILE
HORIZONTAL SCALE 1" = 100'
VERTICAL SCALE 1" = 10'



COLLECTION TRENCH 9 PROFILE
HORIZONTAL SCALE 1" = 100'
VERTICAL SCALE 1" = 10'



COLLECTION TRENCH 6 PROFILE
HORIZONTAL SCALE 1" = 100
VERTICAL SCALE 1" = 10'

REGISTERED PROFESSIONAL ENGINEER
LEONARD O. YAMAMOTO
No. 33718
EXP 06-30-02
CIVIL
STATE OF CALIFORNIA

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IT CORPORATION
SAN BERNARDINO, CALIFORNIA

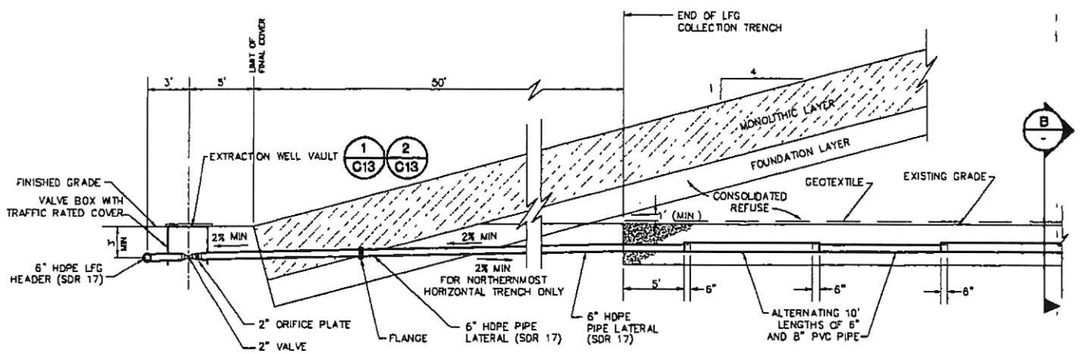
U.S. AIR FORCE
BASE CONVERSION AGENCY
FORMER NORTON AFB, CALIFORNIA

Designed by W NAKAGAWA
Drawn by H FELT
Checked by M WILLIAMS
Reviewed by T KINURA
Approved by L YAMAMOTO

IRP SITE 2
LANDFILL CLOSURE

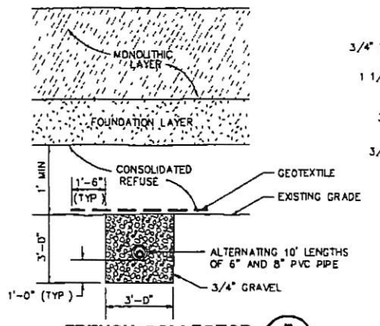
LFG COLLECTION SYSTEM
HORIZONTAL TRENCH PIPE PROFILES

Scale AS NOTED
Date JANUARY 1998
Drawing Code
Sheet reference number C11b
Sheet 16 of 21

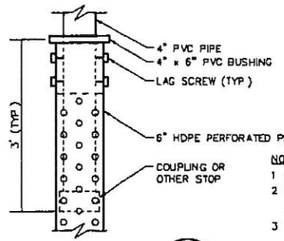


NOTE
CLEAN BACKFILL WAS COMPACTED OVER LATERAL AND HEADER

HORIZONTAL TRENCH COLLECTOR AND CONNECTION TO HEADER SECTION A / C10
1" = 5'-0"

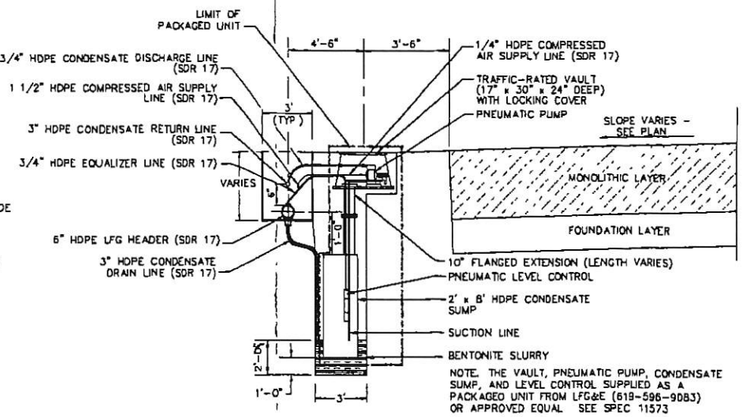


TRENCH COLLECTOR SECTION B / -
1" = 3'-0"



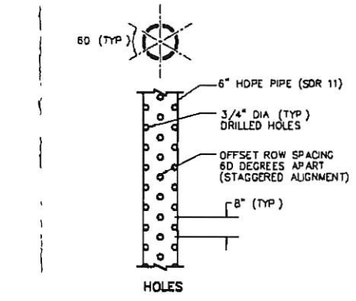
NOTES.
1 GLUE ALL PVC-TO-PVC JOINTS
2 REAM LANDING ON BUSHING TO ALLOW PVC PIPE TO SLIDE FREELY IN BUSHING
3 TURN O.D. OF BUSHING TO MATCH I.D. OF 6" HDPE PERFORATED PIPE

TELESCOPING JOINT DETAIL 3 / -
NOT TO SCALE

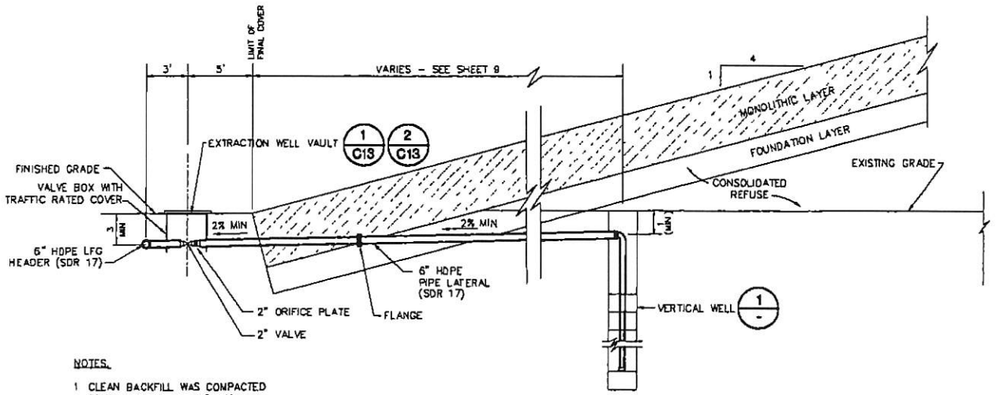


NOTE. THE VAULT, PNEUMATIC PUMP, CONDENSATE SUMP, AND LEVEL CONTROL SUPPLIED AS A PACKAGED UNIT FROM LFG&E (619-596-9083) OR APPROVED EQUAL. SEE SPEC 11573

TYPICAL CONDENSATE SUMP AND CONNECTION TO HEADER SECTION C / C10
1" = 4'-0"

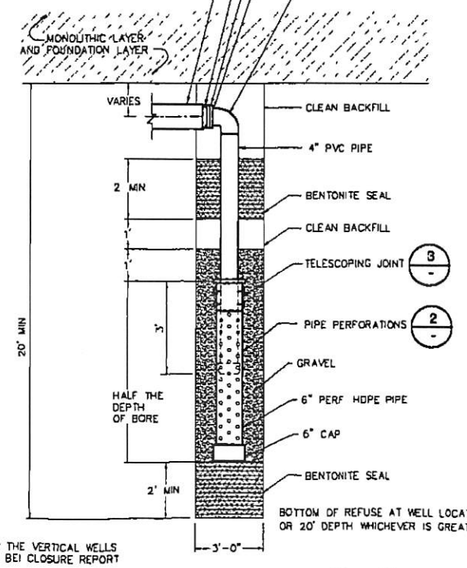


PIPE PERFORATIONS DETAIL 2 / -
NOT TO SCALE



NOTES.
1 CLEAN BACKFILL WAS COMPACTED OVER LATERAL AND HEADER

VERTICAL WELL AND CONNECTION HEADER (WEST END) SECTION D / C10
1" = 5'-0"



NOTES.
1 AS-BUILT DETAILS FOR THE VERTICAL WELLS CAN BE FOUND IN THE BEI CLOSURE REPORT

TYPICAL VERTICAL WELL DETAIL 1 / - / 1 C10 / 1 C13
NOT TO SCALE

REGISTERED PROFESSIONAL ENGINEER
EDWARD O YAMAMOTO
No 33718
EXP 06-30-02
CIVIL
STATE OF CALIFORNIA

AS-BUILT

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SAN BERNARDINO, CALIFORNIA

U.S. AIR FORCE
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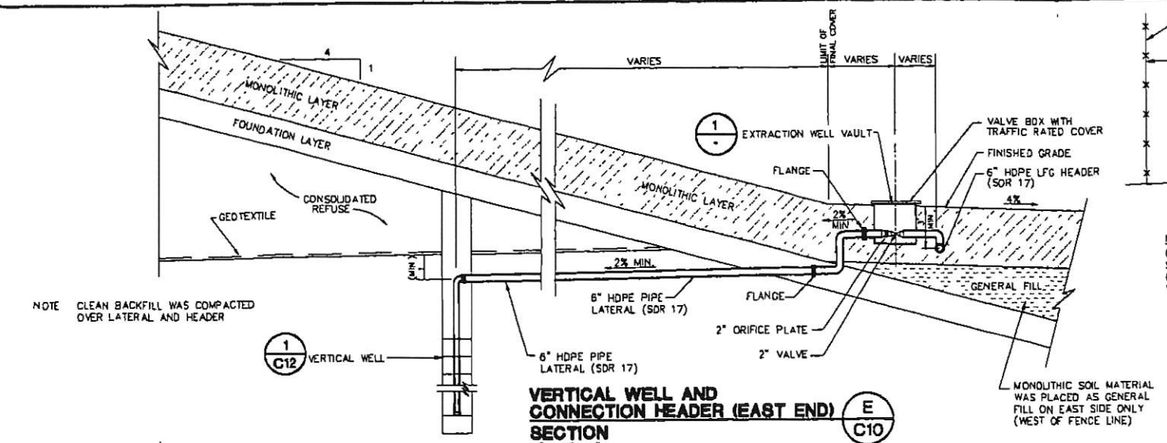
FORMER NORTON AFB, CALIFORNIA

Designed by	W. NAKAGAWA
Drawn by	J. CONWELL
Checked by	N. WILLIAMS
Reviewed by	T. KIMURA
Approved by	L. YAMAMOTO

IRP SITE 2
LANDFILL CLOSURE

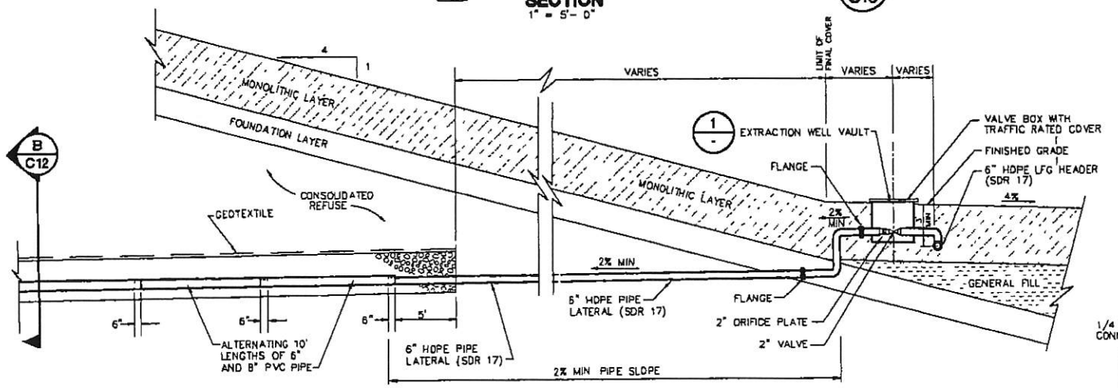
LFG COLLECTION SYSTEM DETAILS

Scale AS SHOWN
Date JANUARY 1998
Drawing Code
Sheet reference number, C12
Sheet 17 of 21



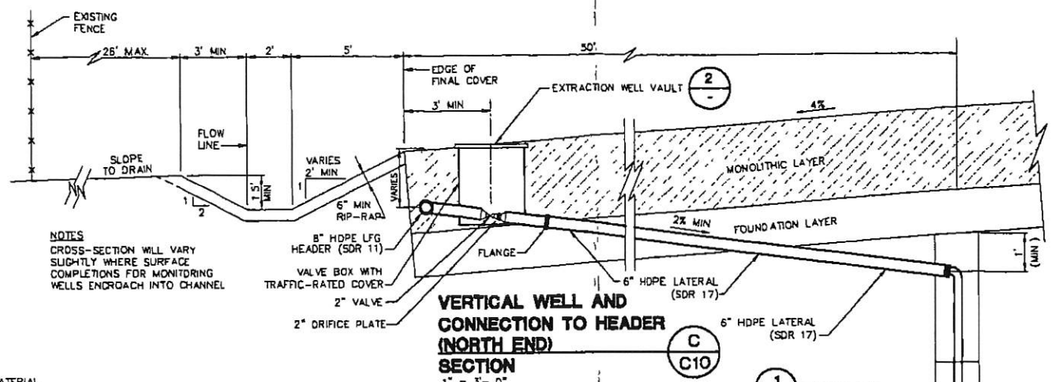
NOTE CLEAN BACKFILL WAS COMPACTED OVER LATERAL AND HEADER

VERTICAL WELL AND CONNECTION HEADER (EAST END) SECTION (E / C10)
1" = 5'-0"



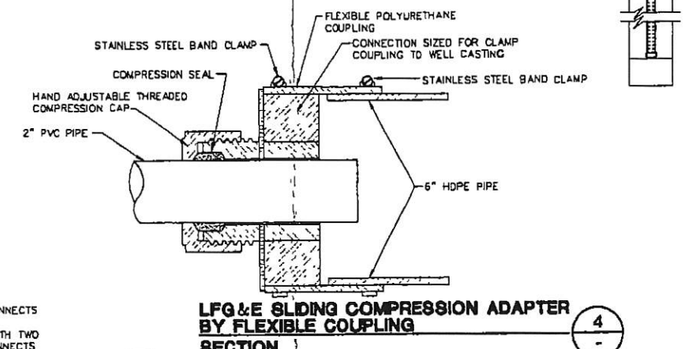
NOTE CLEAN BACKFILL WAS COMPACTED OVER LATERAL AND HEADER

HORIZONTAL TRENCH COLLECTOR AND CONNECTION TO HEADER (EAST END) SECTION (B / C10)
1" = 5'-0"

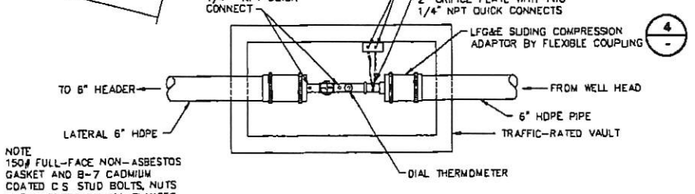


NOTES
CROSS-SECTION WILL VARY SLIGHTLY WHERE SURFACE COMPLETIONS FOR MONITORING WELLS ENCROACH INTO CHANNEL

VERTICAL WELL AND CONNECTION TO HEADER (NORTH END) SECTION (C / C10)
1" = 3'-0"

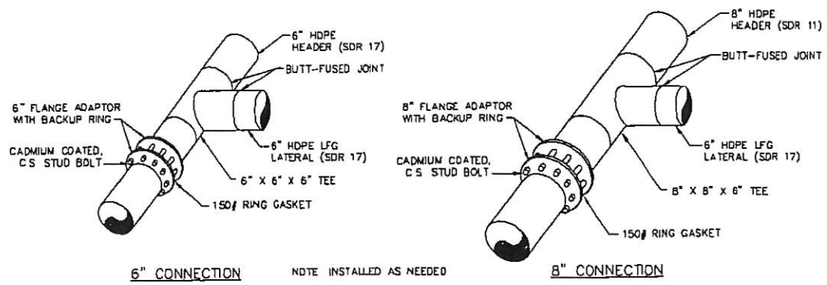


LFG&E SLIDING COMPRESSION ADAPTER BY FLEXIBLE COUPLING SECTION (4 / -)
NOT TO SCALE

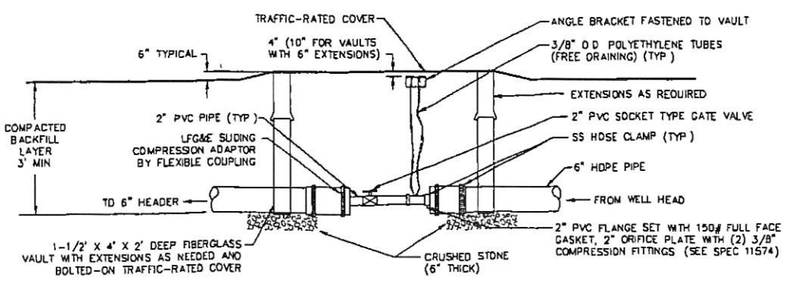


NOTE
150# FULL-FACE NON-ASBESTOS GASKET AND 8-7 CADMIUM COATED C.S. STUD BOLTS, NUTS AND WASHERS ON ALL FLANGES

EXTRACTION WELL VAULT PLAN (2 / -)
NOT TO SCALE



6" AND 8" HEADER PIPE AND LATERAL CONNECTION DETAIL (3 / -)
NOT TO SCALE



EXTRACTION WELL VAULT DETAIL (1 / C12)
NOT TO SCALE

NOTE
SLOPE DIRECTION OF PIPE VARIES
SEE (A / C12) (D / C12) (B / -) (E / -)

REGISTERED PROFESSIONAL ENGINEER
LEONARD O. YAMAMOTO
No 33718
EXP 08-30-02
CIVIL
STATE OF CALIFORNIA

AS-BUILT

Symbol	Description	Date	Approved
2	AS-BUILT	5/11/99	LOY
1	100% SUBMITTAL ISSUED FOR CONSTRUCTION	1/28/98	LOY
A	90% SUBMITTAL TO RAB & BCT	7/23/97	LOY

Revisions

IT CORPORATION
SAN BERNARDINO, CALIFORNIA

U.S. AIR FORCE
BASE CONVERSION AGENCY
FORMER NORTON AFB, CALIFORNIA

Designed by W. NAKAGAWA
Drawn by J. CONWELL
Checked by M. WILLIAMS
Reviewed by T. KIMURA
Approved by L. YAMAMOTO

IRP SITE 2
LANDFILL CLOSURE

LFG COLLECTION SYSTEM DETAILS

Scale AS SHOWN
Date JANUARY 1998
Drawing Code
Sheet reference number C13
Sheet 18 of 21

ACO-101
AIR COMPRESSOR (DUPLEX UNIT)
DESIGN PRESS 80 PSIG
CAPACITY 37.5 SCFM MIN EA
MOTOR 7.5 HP EA

V-101
KNOCKOUT VESSEL
DESIGN PRESS -30" W.C./15 PSIG (MOUNT ABOVE T-101 FOR SELF-DRAINING)

T-101
LANDFILL GAS CONDENSATE TANK
DESIGN PRESS OPEN TO ATMOS
CAPACITY 100 GALLONS

P-101
CONDENSATE INJECTION PUMP
DESTINATION CAPACITY 0.2 GPM
DESTINATION PRESS 80 PSIG

C-101 A/B
GAS BLOWERS
CAPACITY 110 SCFM ea
SUCTION -30" WC @ HV-101A/B INLET
DISCHARGE 11" WC
MOTOR 7.5 HP ea.

FA-101
FLAME ARRESTOR
SIZE 6"
OPERATING ΔP 2" WC MAX

FLR-101
ENCLOSED GROUND FLARE
CAPACITY 110 SCFM LANDFILL GAS
CAPACITY 0.2 GPM CONDENSATE
NORMAL OPERATING TEMPERATURE 1600°F
MAXIMUM OPERATING TEMPERATURE 2000°F

NOTES:
1. SEE SHEET G2 FOR LEGEND
2. ALL EQUIPMENT SHOWN AND PIPING AND INSTRUMENTS TO BE PROVIDED BY FLARE VENDOR AND MOUNTED ON A SINGLE SKID
3. VENDOR SHALL EVALUATE THE NEED FOR PRESSURE / VACUUM RELIEF VALVES ON V-101
4. ALL MOTOR STARTERS TO BE SUPPLIED WITH AUXILIARY CONTACTS FOR PLC INPUT
5. VENDOR TO SIZE ALL LINES
6. AIR, FIR, AND TIR FUNCTIONS SHALL BE HANDLED BY A SINGLE MULTI-PEN RECORDER
7. SEE SPEC 11575 FOR A COMPLETE DESCRIPTION OF THE FUNCTIONALITY OF ALL EQUIPMENT
8. SEE SPEC 11575 FOR MOUNTING DETAIL FOR FLOW MONITORING SENSOR (FE-103)

FOR AS-BUILT P&ID SEE LFG&E DRAWING NO. M-10062-002

CONTRACTOR FIELD PIPING LIMIT
FLARE VENDOR SUPPLY LIMIT AT EQUIP SKID PERIMETER
3" CONDENSATE RETURN LINE
0.03 GPM CONDENSATE FROM 12 COLLECTION SUMPS
TO ATMOS
VENDOR TO SET
SHUTS DOWN P-101 ONLY
LANDFILL REFERENCE SHEET C10
SUMP-12 DETAIL C/C12
FOR LOCATIONS OF SUMPS 01-11 SEE SHEET C10
LEVEL SENSOR
T-101
P-101
SET @ 75 PSI
IAS
AIR COMPRESSOR WITH FILTERS DRYER AND AIR RECEIVER
ACO-101
COMP AIR FOR 12 CONDENSATE COLL SYSTEM PUMPS
1 1/2" COMPRESSED AIR LINE
LANDFILL GAS FROM FIELD COLLECTION SYSTEM (30%-50% METHANE) FLOW 67-110 SCFM
V-101
6" LFG LINE
C-101A
C-101B
CONDENSATE INJECTION
FLR-101
SAMPLE PORT FOR SCAQMD SAMPLING
2000°F
1400°F
EXPANDED METAL FOR PERSONNEL PROTECTION
2" MIN VIEW PORT
LOUVERS (FO)
IGNITOR
VENT
FA-101
BLEED TO ATMOS IN A SAFE LOC
VENDOR TO SET
SUPPLEMENTAL FUEL ASSEMBLY
PILOT ASSEMBLY
PILOT GAS
POINT OF CONNECTION TO SCG METER SEE SHEET C9
NATURAL GAS
2" BLACK IRON

AS-BUILT

Revisions			
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2	AS-BUILT	5/11/99	LOY
1	100% SUBMITTAL ISSUED FOR CONSTRUCTION	1/28/98	LOY
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IT CORPORATION
SAN BERNARDINO, CALIFORNIA

U.S. AIR FORCE
BASE CONVERSION AGENCY
FORMER NORTON AFB, CALIFORNIA

Designed by D FRANK
Drawn by S SEDILLO
Checked by M WILLIAMS
Reviewed by T KIMURA
Approved by L YAMAMOTO

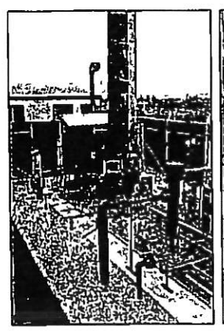
IRP SITE 2
LANDFILL CLOSURE

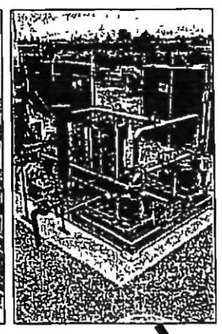
PIPING AND INSTRUMENT DIAGRAM
LFG FLARE SYSTEM

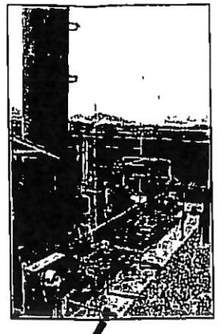
Scale NONE
Date JANUARY 1998
Drawing Code
Sheet reference number M1
Sheet 18 of 21

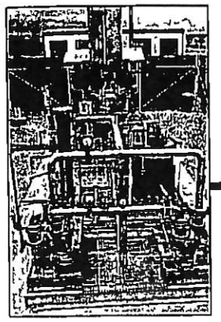
REGISTERED PROFESSIONAL ENGINEER LEONARD O YAMAMOTO No. 33718 EXP 08-30-02 CIVIL STATE OF CALIFORNIA

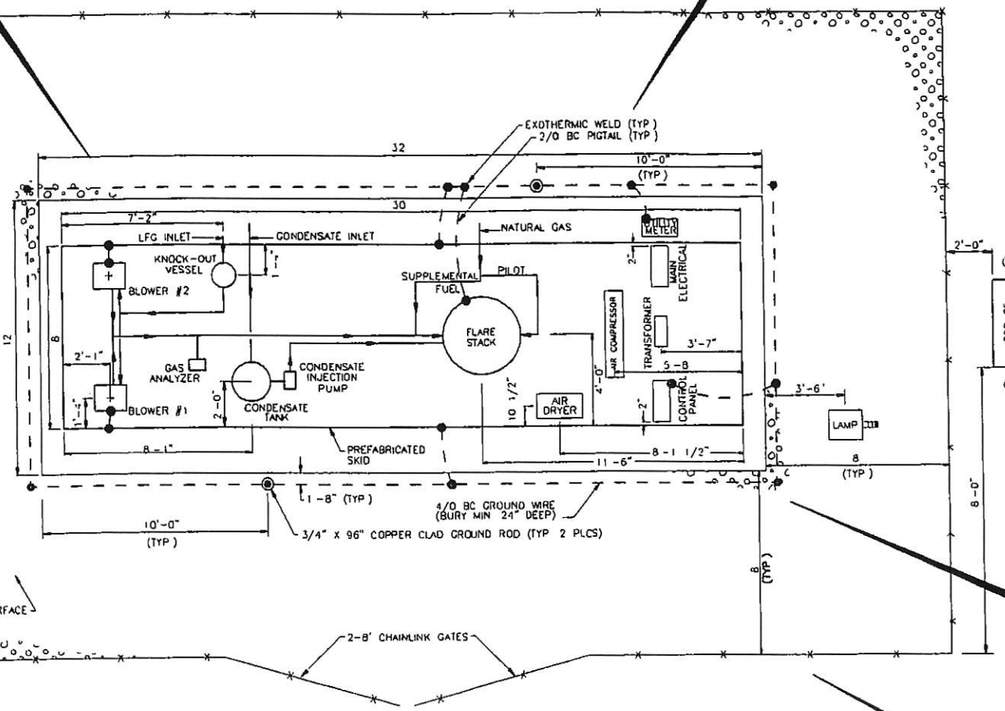
769501-E2



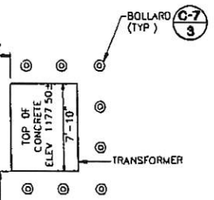


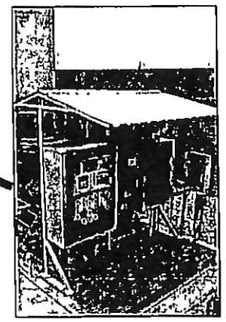


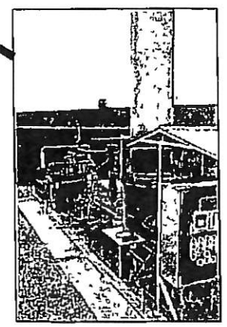




FLARE SKID LAYOUT PLAN
NOT TO SCALE







NOTES

1 PROVIDED CONDUIT SEAL-OFF FITTINGS ON ALL UNDERGROUND CONDUIT RUNS AND AT BOUNDARIES OF HAZARDOUS CLASSIFICATION AREAS

2 DEVICES WITHIN 5 FEET OF PROCESS EQUIPMENT THAT MAY LEAK AN EXPLOSIVE VAPOR NAMELY THE BLOWERS AND ASSOCIATED VALVES AND FLANGES UP TO THE FLAME ARRESTOR, ARE CLASSIFIED AS CLASS I DIVISION 2, GROUP D FOR ELECTRICAL INSTALLATIONS PER N.E.C. SECTION 501 | BELOW GRADE AND INSIDE T-101 AND V-101 ARE CLASSIFIED CLASS I DIVISION I GROUP D

3 EACH CONDUIT CONTAINS MINIMUM OF ONE WIRE FOR GROUNDING GROUNDING WIRE FOR POWER LIGHTING AND CONTROL CONDUITS ARE GREEN CONDUITS WITH SHIELDED CONDUCTORS DO NOT REQUIRE GROUNDING WIRE

4 ALL WORK WAS PERFORMED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NFPA 70)

5 THE SINGLE GENERAL AREA FLOODLIGHT IS 250 WATT HIGH PRESSURE SODIUM 120 VOLTAGE, MOUNTED ON A PRESSURE-TREATED WOODEN LIGHTING POLE PER SPECIFICATIONS

6 CONTRACTOR PROVIDED UTILITY LINES (WATER GAS TELEPHONE), AND HOSE BIB OFFSKID SEE DRAWING C9

7 CONTRACTOR PROVIDED CONDUIT PER SOUTHERN CALIFORNIA EDISON (SCE) SPECIFICATIONS (CONDUCTORS AND TERMINATIONS PROVIDED BY SCE)

8 CONTRACTOR PROVIDED TRANSFORMER'S PRECAST CONCRETE FOUNDATION AS SHOWN ON DRAWING C9 PER SCE SPECIFICATIONS

9 FLARE VENDOR INSTALLED UTILITY METER MAIN PANEL WITH MAIN BREAKER PER SCE SPECIFICATIONS

10 CONTRACTOR SUPPLIED CONDUIT AND WIRE FROM METERING MAIN TO SKID MANUFACTURER'S MAIN POWER PANEL

11 CONTRACTOR SUPPLIED AIRLINES AND CONDENSATE LINE FROM SKID TO CONDENSATE SUMPS

12 CONTRACTOR SUPPLIED NATURAL GAS LINE AS SHOWN ON DRAWING FROM GAS COMPANY METER TO SKID AS SHOWN ON DRAWINGS AND PER SPECIFICATIONS

13 FENCING AROUND THE FLARE STATION WAS LINED WITH COLORED, WEATHER-RESISTANT FABRIC

14 GROUNDING CONDUCTOR WAS SIZED PER NEC TABLES 250-94 AND 250-95

15 RECEPTACLES WERE MOUNTED BELOW ISOLATION TRANSFORMER

16 AN INTERNAL GROUND CONDUCTOR WAS INSTALLED BETWEEN THE GROUND GRID SYSTEM AND ALL ELECTRICAL PANELS

AS-BUILT

REGISTERED PROFESSIONAL ENGINEER
JOHN N. SELLS
E7024
EXP 9-30-02
ELECTRICAL
STATE OF CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER
LEONARD O YAMAMOTO
No. 33718
EXP 06-30-02
CIVIL
STATE OF CALIFORNIA

Revisions			
Symbol	Description	Date	Approved
4	AS-BUILT	5/11/99	LOY
3	100% SUBMITTAL ISSUED FOR CONSTRUCTION	1/28/98	LOY
2	90% SUBMITTAL TO FAA & DTSC	7/25/97	LOY

IT CORPORATION
SAN BERNARDINO, CALIFORNIA

U.S. AIR FORCE
BASE CONVERSION AGENCY
FORMER NORTON AFB, CALIFORNIA

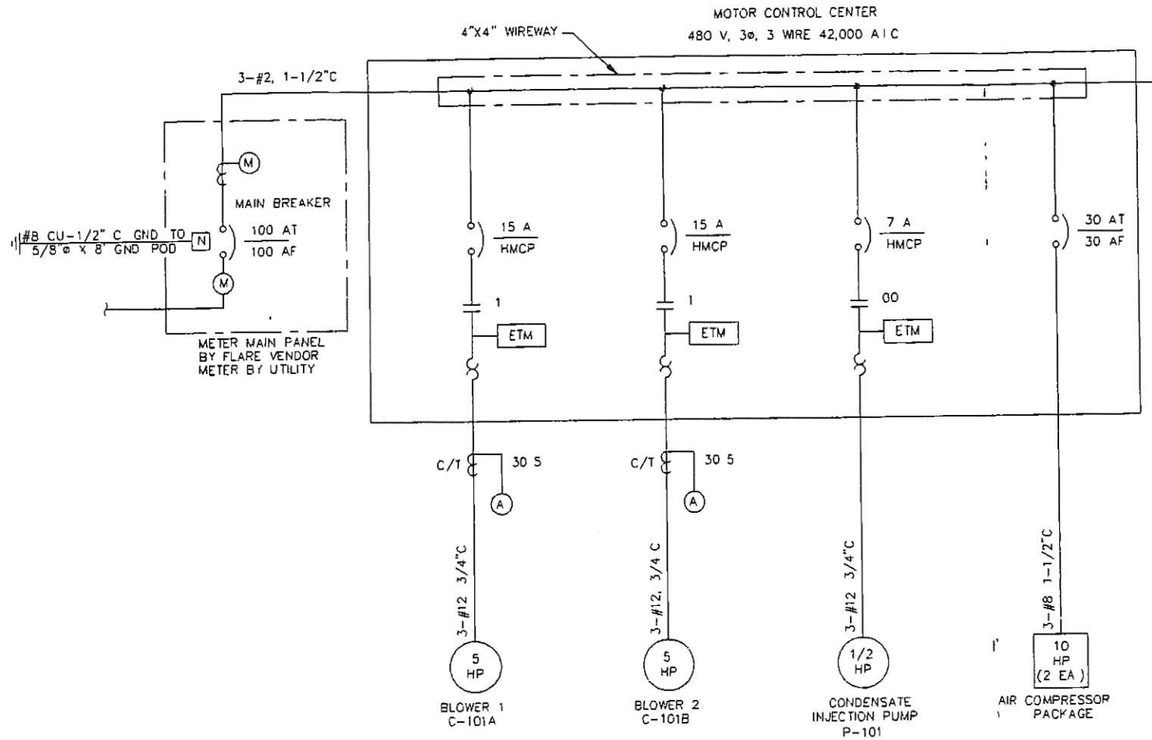
Designed by	L CONNER
Drawn by	J CONWELL
Checked by	M WILLIAMS
Reviewed by	T KIMURA
Approved by	L YAMAMOTO

IRP SITE 2
LANDFILL CLOSURE

GENERAL LAYOUT AND GROUNDING FOR LFG FLARE SYSTEM

Scale NONE
Date JANUARY 1998
Drawing Code 769501-E2
Sheet reference number M2
Sheet 20 of 21

FOR AS-BUILT SINGLE LINE DIAGRAM SEE LFG&E DRAWING NO. E-10062-001



SINGLE LINE DIAGRAM

LEGEND

- CIRCUIT BREAKER
- M — UTILITY METER
- ETM — ELAPSED TIME METER
- OVERLOADS
- GROUND
- STARTEP
- C/T — CURRENT TRANSFORMER
- A — AMP METER
- N — NEUTRAL

480 VOLT LOAD SCHEDULE		
ITEM	HP/KVA/1	AMPS (@ 480V)
BLOWER #1 C-101A	5	= 11
BLOWER #2 C-101B	5	= 11
COND INJ PUMP P-101	1/2	= 2 €
AIR COMPRESSOR #1	10	= 11
AIR COMPRESSOP #2	10	= 11
/FOPMER & LTG PANEL	10 KVA	= 22
SUB TOTAL		= 69 AMPS
ADD 25% LARGEST MOTOR		= 3 AMPS
TOTAL CONNECTED LOAD		= 72 AMPS

PANEL "F" 120/240 VOLT, 1 Ø, 3 WIRE			
CKT NO	LOAD DESCRIPTION	APPROX LOAD PER PHASE/WATTS A	B
1	CONTROL PANEL		300
2	LIGHTING	260	
3	RECEPTACLE	80	
4	RECEPTACLE		80
5	RECEPTACLE	80	
6	RECEPTACLE		80

AIC RATING PROVIDED BY SCE IS A MAXIMUM OF 30,000

REGISTERED PROFESSIONAL ENGINEER JOHN N. SELLS E7024 EXP. 9-30-02 ELECTRICAL STATE OF CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER LEONARD O YAMAMOTO No. 33748 EXP 06-30-02 CIVIL STATE OF CALIFORNIA

AS-BUILT

Revisions			
Symbol	Description	Date	Approved
2	AS-BUILT	5/11/98	LOY
1	100% SUBMITTAL ISSUED FOR CONSTRUCTION	1/28/98	LOY
A	80% SUBMITTAL TO RAB & BCT	7/25/97	LOY

IT CORPORATION
SAN BERNARDINO, CALIFORNIA

U S AIR FORCE
BASE CONVERSION AGENCY
FORMER NORTON AFB, CALIFORNIA

Designed by D FRANK
Drawn by S SEDILLO
Checked by M WILLIAMS
Reviewed by T KIMURA
Approved by L YAMAMOTO

IRP SITE 2
LANDFILL CLOSURE

SINGLE LINE DIAGRAM
FOR LFG FLARE SYSTEM

Scale NONE
Date JANUARY 1998
Drawing Code
Sheet reference number E1
Sheet 21 of 21

	TO: San Bernardino International Airport Authority Commission **DATE: May 27, 2026** **ITEM NO: 7** **PRESENTER: Jeff Barrow, Director of Development**

SUBJECT: **APPROVE CHANGE ORDER NO. 1 WITH R&R B INC. DBA SERVPRO OF CHINO/CHINO HILLS FOR $6,578.80 FOR A TOTAL CONTRACT AMOUNT OF $187,020.45 FOR ADDITIONAL WORK RELATED TO THE BUILDING 759: RESTROOMS IMPROVEMENTS PROJECT; APPROVE THE FILING OF A NOTICE OF COMPLETION FOR THIS CONTRACT AND AUTHORIZE THE RELEASE OF RETAINED FUNDS**

SUMMARY

This Change Order directs the contractor to perform additional work items. Pending approval and completion of Change Order No. 1 items, the construction contract with R&R B Inc. DBA Servpro of Chino/Chino Hills will be complete.

RECOMMENDED ACTION(S)

Approve Change Order No. 1 with R&R B Inc. DBA Servpro of Chino/Chino Hills for an amount not to exceed $6,578.80 for a total contract amount of $187,020.45 for additional work related to the Building 759: Restrooms Improvements Project; approve the filing of a Notice of Completion and authorize the release of retained funds for this contract; and authorize the Chief Executive Officer to execute all related documents.

FISCAL IMPACT

None. Funding for this project is included in the approved San Bernardino International Airport Authority (SBIAA) Fiscal Year 2025-2026 Budget as a Capital Improvement Project, Project Number - 25s076 - Building 759 Improvements in the amount $200,000.

PREPARED BY:	Griselda Lizarraga
CERTIFIED AS TO AVAILABILITY OF FUNDS:	Mark Cousineau
APPROVED AS TO FORM AND LEGAL CONTENT:	Scott Huber
FINAL APPROVAL:	Michael Burrows

BACKGROUND INFORMATION

On December 18, 2025, the San Bernardino International Airport Authority (SBIAA) Commission authorized the award of contract with R&R B Inc. DBA Servpro of Chino/Chino Hills for the Building 759: Restrooms Improvements Project. During construction activities, it was determined that additional work was required for the project's successful completion.

Additional work items include the installation of insulation between the two restrooms and new tempered glass doors for both showers.

The successful completion of this project remediates all prior ADA noncompliance issues associated with the outdated restroom facilities. The project included the construction of new ADA code-compliant restroom stalls and sinks. Additionally, upgrades to all plumbing fixtures and interior finishes were made to create new modern and functional restroom facilities for the tenants and visitors of Building 759.

R&R B Inc. DBA Servpro of Chino/Chino Hills contract and proposed Change Order No. 1:

Original Contract	$180,441.65
Change Order No. 1	$6,578.80
New Contract Amount	$187,020.45

Pending approval of Change Order No. 1, the construction contract will be complete. Staff recommends the Commission approve the above recommended actions.

Attachments:

1. Change Order No. 1
2. Photos

San Bernardino International Airport Authority
1601 E 3rd Street
San Bernardino, CA 92408
Phone: (909) 382-4100 Fax: (909) 382-4106

Change Order 1 to Contract: Building 759: Restrooms Improvements Project, dated January 20, 2026, by and between: San Bernardino International Airport Authority (Agency), and R&R B Inc. DBA Servpro of Chino/Chino Hills (Contractor), the Contractor is hereby directed to make the following change in contract work:

ITEM	DESCRIPTION OF CHANGES	TYPE	AMOUNT
01	Insultation at Restroom Walls	**Add**	**$1,669.50**
02	Tempered Glass Shower Doors	**Add**	**$4,909.30**
	Total Cost for Change Order 1:	**Add**	**$6,578.80**

Original Contract Amount: $180,441.65

Executed Change Order 1: $6,578.80

New Contract Amount: $187,020.45

ACCEPTANCE:

Contractor accepts the terms and conditions stated above as full and final settlement of any and all claims arising from this Change Order and acknowledges that the compensation (time and cost) set forth in the Change Order comprises the total compensation due for the work or change defined in the Change Order, including all impact on any unchanged work. By signing the Change Order, the Contractor acknowledges and agrees that the stipulated compensation includes payment for all Work contained in the Change Order, plus all payment for the interruption of schedules, extended overhead costs, delay, and all impact, ripple effect or cumulative impact on all other Work under this Contract. The signing of the Change Order acknowledges full mutual accord and satisfaction for the change, and that the time and/or cost under the Change Order constitute the total equitable adjustment owed the Contractor as a result of the change. The Contractor agrees to waive all rights, without exception or reservation of any kind whatsoever, to file any further claim or request for equitable adjustment of any type, for any reasonably foreseeable cause that shall arise out of or as a result of this Change Order or the impact of this Change Order on the remainder of the Work under this contract. Contractor agrees to perform the above described work in accordance with the above terms and in compliance with applicable Sections of the Contract Documents. This Change Order is hereby agreed to, accepted and approved, all in accordance with the General Conditions of the Contract Documents.

Accepted by Contractor: _____ Date: 5-19-26

Approved by Agency: _____ Date: _____

CHANGE ORDER DIRECTIVE NO. 01

February 23, 2026

Mitchell Breuer, Project Manager
R&R B Inc. DBA Servpro of Chino / Chino Hills
13885 Redwood Avenue
Chino, CA 91710

RE: Building 759: Restrooms Improvements Project

On February 12, 2026, Mr. Jeff Barrow visited the job site and observed additional work items and changes in scope; necessary to improve function of the restroom improvements. As result, the San Bernardino International Airport Authority is issuing this Change Order Directive for the following items:

1) Supply and install insulation on adjoining walls of the Women's and Men's restrooms, for sound proofing purposes.

2) Provide pricing for new tempered glass wall panels at Women's and Men's showers. Glass assembly shall comply with applicable building codes and required ADA clearances and include all necessary hardware, seals, and anchors for a secure and watertight installation.

Please provide pricing for all items and changes to the scope as listed above. For any questions or concerns please feel free to contact me at glizarraga@sbdairport.com or (909) 436-0340.

Sincerely,

X *Griselda Lizarraga*

Griselda Lizarraga
Project Manager
San Bernardino International Airport Authority

SERVPRO Team Landers

Servpro of Chino/Chino Hills #12526
AMM - Fernand Lopez - 626-561-6464
Tax ID 83-3384713
PO Box 119
Grand Junction, CO 81502-0119

Insured:	SAN BERNARDINO INTERNATIONAL	Business:	(909) 382-4100
Billing:	1601 E 3rd Street San Bernardino, CA 92408	E-mail:	glizarraga@sbdairport.com
Property:	294 S. Leland Norton San Bernardino, CA 92408		
Claim Rep.:	N/A		
Estimator:	Todd Lyon	Business:	(714) 823-1797
Company:	Servpro	E-mail:	todd.lyon@sprestores.com
Business:	13885 Redwood Ave Chino, CA 91710		
Contractor:	Servpro	Business:	(909) 548-3191
Company:	Servpro		

Claim Number: N/A **Policy Number:** N/A **Type of Loss:** Construction Tenant Inprovement

Date Contacted:	2/23/2026 12:30 PM		
Date of Loss:	2/23/2026 12:30 PM	Date Received:	2/23/2026 12:30 PM
Date Inspected:	2/23/2026 12:31 PM	Date Entered:	2/24/2026 12:18 PM
Price List:	CABD8X_OCT25 Restoration/Service/Remodel		
Estimate:	SB_AIRPORT_CHANGE_OR		

The total cost for the (mitigation/asbestos/reconstruction/mold etc.) detailed in the following "**CHANGE ORDER**" is **$1,669.50.** **This proposal is quoted and paying prevailing wage rates.** The attached estimate details the specific work to be completed. Additional work outside of that specified in this estimate will be through a separate proposal and/or change order/supplement detailing the additional/changed scope of work as well as the terms and pricing of those changes. Work will be scheduled after a signed copy of this estimate is received by **Servpro.** Unless noted otherwise, the customer is required to provide heat, water and electricity on-site for the duration of this project. The customer is responsible for providing continuous access to the project area during normal business hours, Monday – Friday, 8:00 am – 5:00 pm. This estimate is valid for 30 days from **03/16/2026.** If you have any questions about this estimate, please contact **Todd Lyon**-Estimator to discuss those questions.

I/we agree to the terms and conditions of this proposal.

_____ **Date**_____ _____ **Date**_____
Owner/Authorized Signature **Servpro Representative**

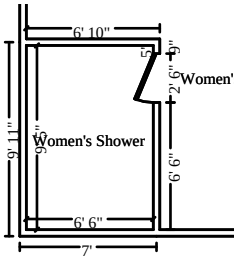
Servpro of Chino/Chino Hills #12526
AMM - Fernand Lopez - 626-561-6464
Tax ID 83-3384713
PO Box 119
Grand Junction, CO 81502-0119

SB_AIRPORT_CHANGE_OR

General Items

DESCRIPTION	QTY	REMOVE	REPLACE	TAX	O&P	TOTAL
Labor						
1. Commercial Supervision / Project Management - per hour	1.00 HR	0.00	131.50	0.00	26.30	157.80
This is for a Superintendent/Project Manager used to manage commercial jobs where Supervision/Project Management is needed to coordinate the work of sub-contractors, or to perform other project management duties.						
Totals: General Items				0.00	26.30	157.80

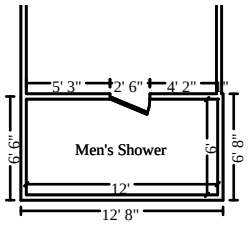
Main Level



Women's Shower — Height: 9'

286.31	SF Walls	61.11	SF Ceiling
347.42	SF Walls & Ceiling	61.11	SF Floor
6.79	SY Flooring	31.81	LF Floor Perimeter
31.81	LF Ceil. Perimeter		

DESCRIPTION	QTY	REMOVE	REPLACE	TAX	O&P	TOTAL
2. Batt insulation - 6" - R19 - paper / foil faced	286.31 SF	0.00	1.96	29.81	118.20	709.18
Totals: Women's Shower				29.81	118.20	709.18



Men's Shower — Height: 9'

324.00	SF Walls	72.00	SF Ceiling
396.00	SF Walls & Ceiling	72.00	SF Floor
8.00	SY Flooring	36.00	LF Floor Perimeter
36.00	LF Ceil. Perimeter		

DESCRIPTION	QTY	REMOVE	REPLACE	TAX	O&P	TOTAL
3. Batt insulation - 6" - R19 - paper / foil faced	324.00 SF	0.00	1.96	33.74	133.74	802.52
Totals: Men's Shower				33.74	133.74	802.52

Servpro of Chino/Chino Hills #12526
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Grand Junction, CO 81502-0119

Total: Main Level	**63.55**	**251.94**	**1,511.70**
Line Item Totals: SB_AIRPORT_CHANGE_OR	**63.55**	**278.24**	**1,669.50**

Grand Total Areas:

2,713.65	SF Walls	769.91	SF Ceiling	3,483.55	SF Walls and Ceiling
769.91	SF Floor	85.55	SY Flooring	292.15	LF Floor Perimeter
0.00	SF Long Wall	0.00	SF Short Wall	292.15	LF Ceil. Perimeter
769.91	Floor Area	841.60	Total Area	2,713.65	Interior Wall Area
1,393.17	Exterior Wall Area	135.33	Exterior Perimeter of Walls		
0.00	Surface Area	0.00	Number of Squares	0.00	Total Perimeter Length
0.00	Total Ridge Length	0.00	Total Hip Length		

Servpro of Chino/Chino Hills #12526
AMM - Fernand Lopez - 626-561-6464
Tax ID 83-3384713
PO Box 119
Grand Junction, CO 81502-0119

Summary for Dwelling

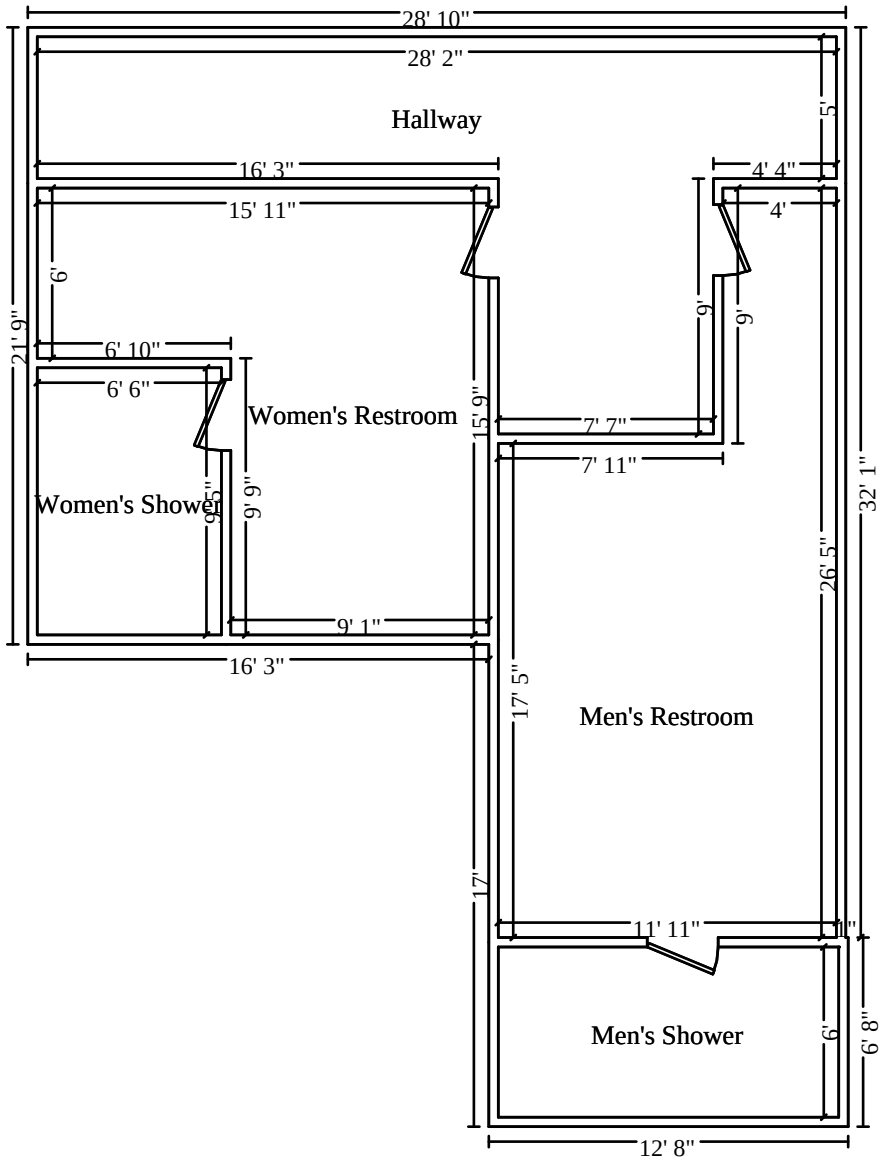
Line Item Total	1,327.71
Material Sales Tax	63.55
Subtotal	1,391.26
Overhead	139.12
Profit	139.12
Replacement Cost Value	**$1,669.50**
Net Claim	**$1,669.50**

Todd Lyon

Servpro of Chino/Chino Hills #12526
AMM - Fernand Lopez - 626-561-6464
Tax ID 83-3384713
PO Box 119
Grand Junction, CO 81502-0119

Recap by Room

Estimate: SB_AIRPORT_CHANGE_OR		
General Items	**131.50**	**9.90%**
Area: Main Level		
Women's Shower	**561.17**	**42.27%**
Men's Shower	**635.04**	**47.83%**
Area Subtotal: Main Level	**1,196.21**	**90.10%**
Subtotal of Areas	**1,327.71**	**100.00%**
Total	**1,327.71**	**100.00%**


28' 10"
28' 2"
Hallway
5'
16' 3"
4' 4"
15' 11"
4'
6'
9'
9'
21' 9"
6' 10"
6' 6"
Women's Restroom
15' 9"
7' 7"
7' 11"
Women's Shower
9' 5"
9' 9"
32' 1"
26' 5"
9' 1"
16' 3"
17' 5"
Men's Restroom
17'
11' 11"
1"
Men's Shower
6'
6' 8"
12' 8"

N

Main Level

SERVPRO Team Landers

Servpro of Chino/Chino Hills #12526
AMM - Fernand Lopez - 626-561-6464
Tax ID 83-3384713
PO Box 119
Grand Junction, CO 81502-0119

Insured:	SAN BERNARDINO INTERNATIONAL	Business:	(909) 382-4100
Billing:	1601 E 3rd Street San Bernardino, CA 92408	E-mail:	glizarraga@sbdairport.com
Property:	294 S. Leland Norton San Bernardino, CA 92408		
Claim Rep.:	N/A		
Estimator:	Todd Lyon	Business:	(714) 823-1797
Company:	Servpro	E-mail:	todd.lyon@sprestores.com
Business:	13885 Redwood Ave Chino, CA 91710		
Contractor:	Servpro	Business:	(909) 548-3191
Company:	Servpro		

Claim Number: N/A **Policy Number:** N/A **Type of Loss:** Construction Tenant Inprovement

Date Contacted:	2/23/2026 12:30 PM		
Date of Loss:	2/23/2026 12:30 PM	Date Received:	2/23/2026 12:30 PM
Date Inspected:	2/23/2026 12:31 PM	Date Entered:	2/24/2026 12:18 PM
Price List:	CABD8X_OCT25 Restoration/Service/Remodel		
Estimate:	SB_AIRPORT_CO_SHWR_D		

The total cost for the (mitigation/asbestos/reconstruction/mold etc.) detailed in the following "**CHANGE ORDER**" is **$4,909.30.** **This proposal is quoted and paying prevailing wage rates.** The attached estimate details the specific work to be completed. Additional work outside of that specified in this estimate will be through a separate proposal and/or change order/supplement detailing the additional/changed scope of work as well as the terms and pricing of those changes. Work will be scheduled after a signed copy of this estimate is received by **Servpro.** Unless noted otherwise, the customer is required to provide heat, water and electricity on-site for the duration of this project. The customer is responsible for providing continuous access to the project area during normal business hours, Monday – Friday, 8:00 am – 5:00 pm. This estimate is valid for 30 days from **03/16/2026.** If you have any questions about this estimate, please contact **Todd Lyon**-Estimator to discuss those questions.

I/we agree to the terms and conditions of this proposal.

_____ **Date**_____ _____ **Date**_____
Owner/Authorized Signature **Servpro Representative**

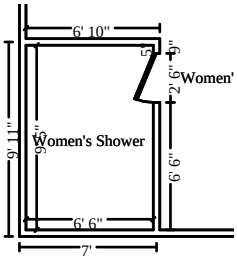
Servpro of Chino/Chino Hills #12526
AMM - Fernand Lopez - 626-561-6464
Tax ID 83-3384713
PO Box 119
Grand Junction, CO 81502-0119

SB_AIRPORT_CO_SHWR_D

General Items

DESCRIPTION	QTY	REMOVE	REPLACE	TAX	O&P	TOTAL
Labor						
16. Commercial Supervision / Project Management - per hour	1.00 HR	0.00	131.50	0.00	26.30	157.80
This is for a Superintendent/Project Manager used to manage commercial jobs where Supervision/Project Management is needed to coordinate the work of sub-contractors, or to perform other project management duties.						
Totals: General Items				0.00	26.30	157.80

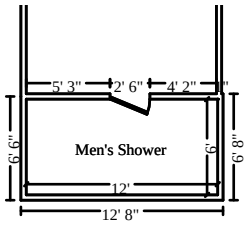
Main Level



Women's Shower — Height: 9'

286.31	SF Walls	61.11	SF Ceiling
347.42	SF Walls & Ceiling	61.11	SF Floor
6.79	SY Flooring	31.81	LF Floor Perimeter
31.81	LF Ceil. Perimeter		

DESCRIPTION	QTY	REMOVE	REPLACE	TAX	O&P	TOTAL
13. Custom shower door & partition - 1/2" glass - frameless	15.00 SF	0.00	127.05	74.04	395.96	2,375.75
Totals: Women's Shower				74.04	395.96	2,375.75



Men's Shower — Height: 9'

324.00	SF Walls	72.00	SF Ceiling
396.00	SF Walls & Ceiling	72.00	SF Floor
8.00	SY Flooring	36.00	LF Floor Perimeter
36.00	LF Ceil. Perimeter		

DESCRIPTION	QTY	REMOVE	REPLACE	TAX	O&P	TOTAL
15. Custom shower door & partition - 1/2" glass - frameless	15.00 SF	0.00	127.05	74.04	395.96	2,375.75
Totals: Men's Shower				74.04	395.96	2,375.75

Total: Main Level	**148.08**	**791.92**	**4,751.50**
Line Item Totals: SB_AIRPORT_CO_SHWR_D	**148.08**	**818.22**	**4,909.30**

Grand Total Areas:

2,713.65	SF Walls	769.91	SF Ceiling	3,483.55	SF Walls and Ceiling
769.91	SF Floor	85.55	SY Flooring	292.15	LF Floor Perimeter
0.00	SF Long Wall	0.00	SF Short Wall	292.15	LF Ceil. Perimeter
769.91	Floor Area	841.60	Total Area	2,713.65	Interior Wall Area
1,393.17	Exterior Wall Area	135.33	Exterior Perimeter of Walls		
0.00	Surface Area	0.00	Number of Squares	0.00	Total Perimeter Length
0.00	Total Ridge Length	0.00	Total Hip Length		

Servpro of Chino/Chino Hills #12526
AMM - Fernand Lopez - 626-561-6464
Tax ID 83-3384713
PO Box 119
Grand Junction, CO 81502-0119

Summary for Dwelling

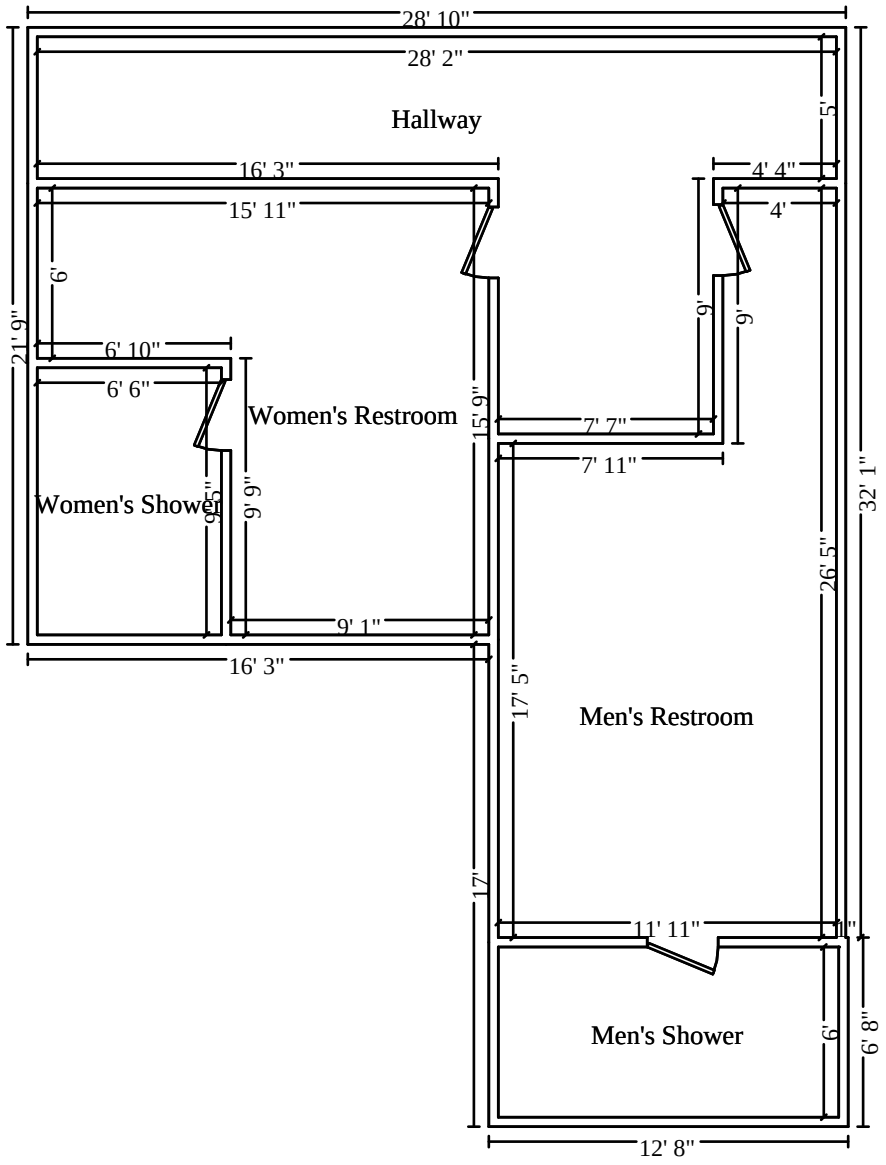
Line Item Total	3,943.00
Material Sales Tax	148.08
Subtotal	4,091.08
Overhead	409.11
Profit	409.11
Replacement Cost Value	**$4,909.30**
Net Claim	**$4,909.30**

Todd Lyon

Servpro of Chino/Chino Hills #12526
AMM - Fernand Lopez - 626-561-6464
Tax ID 83-3384713
PO Box 119
Grand Junction, CO 81502-0119

Recap by Room

Estimate: SB_AIRPORT_CO_SHWR_D		
General Items	**131.50**	**3.34%**
Area: Main Level		
Women's Shower	**1,905.75**	**48.33%**
Men's Shower	**1,905.75**	**48.33%**
Area Subtotal: Main Level	**3,811.50**	**96.66%**
Subtotal of Areas	**3,943.00**	**100.00%**
Total	**3,943.00**	**100.00%**

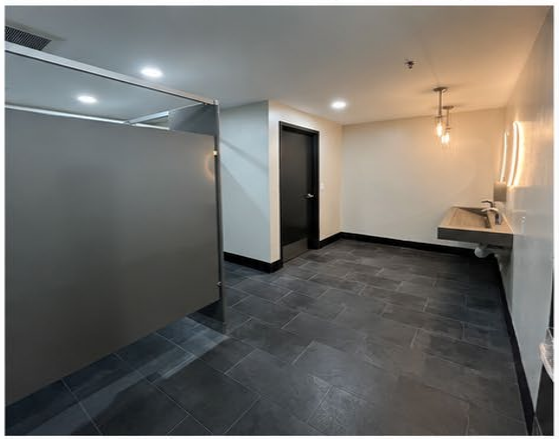

28' 10"
28' 2"
Hallway
5'
16' 3"
4' 4"
15' 11"
4'
6'
9'
9'
21' 9"
6' 10"
6' 6"
Women's Restroom
15' 9"
7' 7"
7' 11"
Women's Shower
9' 5"
9' 9"
32' 1"
26' 5"
9' 1"
16' 3"
17' 5"
Men's Restroom
17'
11' 11"
1"
Men's Shower
6'
6' 8"
12' 8"

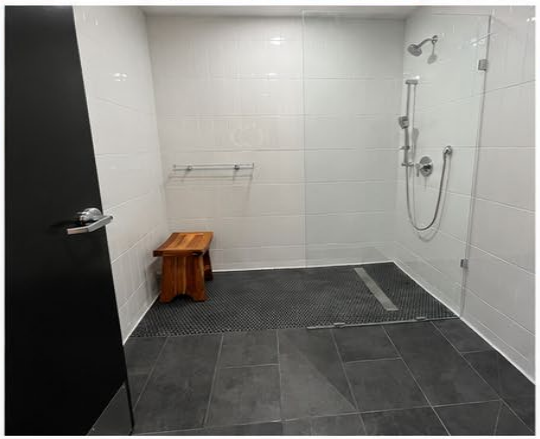
N

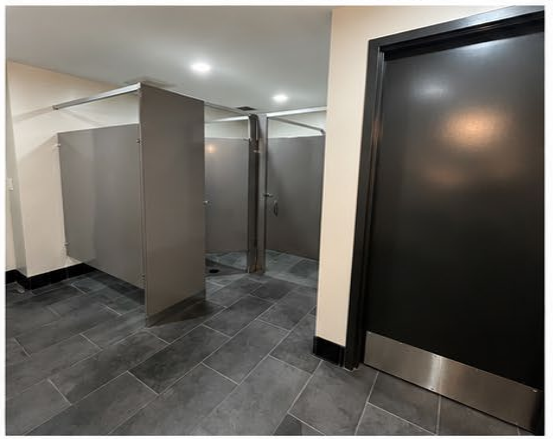
Main Level

PHOTOS

BUILDING 759: RESTROOMS IMPROVEMENTS







	TO: San Bernardino International Airport Authority Commission **DATE: May 27, 2026** **ITEM NO: 8** **PRESENTER: Jeff Barrow, Director of Development**

SUBJECT: APPROVE THE FILING OF A NOTICE OF COMPLETION WITH LEONIDA BUILDERS, INC. FOR THE RE-BID AIRFIELD CANOPIES & UNDERGROUND SERVICE PIT PROJECT AND AUTHORIZE THE RELEASE OF RETAINED FUNDS

SUMMARY

The Re-Bid Airfield Canopies & Underground Service Pit Project is complete in accordance with the plans and specifications.

RECOMMENDED ACTION(S)

Approve the filing of a Notice of Completion with Leonida Builders, Inc. for the Re-Bid Airfield Canopies & Underground Service Pit Project, authorize the release of retained funds; and authorize the Chief Executive Officer to execute all related documents.

FISCAL IMPACT

None. Funding for this project is included in the approved San Bernardino International Airport Authority (SBIAA) Fiscal Year 2025-2026 Budget, in Budget Class 63 as a Capital Improvement Project, Project Number 25s050-01 – Airfield Canopy and Service Pit in the amount $520,000.

PREPARED BY:	Griselda Lizarraga
CERTIFIED AS TO AVAILABILITY OF FUNDS:	Mark Cousineau
APPROVED AS TO FORM AND LEGAL CONTENT:	Scott Huber
FINAL APPROVAL:	Michael Burrows

BACKGROUND INFORMATION

On January 28, 2026, the San Bernardino International Airport Authority (SBIAA) approved a construction contract with Leonida Builders, Inc. for the Re-Bid Airfield Canopies & Underground Service Pit Project. This project entailed the construction of a new underground service pit with a new 25-foot metal canopy installed above.

Construction activities included demolition of existing concrete pavement, excavation for the new underground pit, forming and placement of reinforced concrete walls, and installation of new electrical and mechanical connections. The project also included the erection of a new metal canopy over the service pit, along with the installation of associated safety features and protective elements around the new service pit.

The successful completion of this project marks a significant step towards creating supportive and efficient building amenities for the Luxivair / FBO Building staff and maintenance department. The new service pit will provide a safe and efficient facility for the mechanical servicing and maintenance of airport vehicles, equipment, and fuel trucks.

Staff recommends the Board approve the above recommended actions.

Attachments:

1. Photos

PHOTOS

RE-BID AIRFIELD CANOPIES & UNDERGROUND SERVICE PIT PROJECT

	TO: San Bernardino International Airport Authority Commission **DATE: May 27, 2026** **ITEM NO: 9** **PRESENTER: Jonathan Galvan, Airport Manager**

SUBJECT: APPROVE AN AGREEMENT WITH CAL-STRIPE, INC. IN THE AMOUNT OF $63,430 WITH A 10% CONTINGENCY BUDGET FOR A TOTAL NOT TO EXCEED AMOUNT OF $69,773 FOR AIRFIELD MARKINGS AND STRIPING PAINT SERVICES

SUMMARY

The Federal Aviation Administration (FAA) requires specific striping and markings to be installed and maintained on the airfield and aircraft ramps. San Bernardino International Airport Authority (SBIAA) annually contracts for painting services to meet these requirements. Cal-Stripe, Inc. provided the most competitive proposal to complete the scope of work for various taxiways and aircraft ramps.

RECOMMENDED ACTION(S)

Approve an agreement with Cal-Stripe, Inc. in the amount of $63,430 with a 10% contingency budget for a total amount not to exceed $69,773; and authorize the Chief Executive Officer to execute all related documents.

FISCAL IMPACT

None. Funding for this service was included in the approved San Bernardino International Airport Authority (SBIAA) Fiscal Year 2025-2026 Budget, Airport Manager Department, Budget Class 55 – Maintenance and Repairs in the available amount of $230,454 of which $69,773 is allocated to this project.

PREPARED BY:	Jonathan Galvan
CERTIFIED AS TO AVAILABILITY OF FUNDS:	Mark Cousineau
APPROVED AS TO FORM AND LEGAL CONTENT:	Scott Huber
FINAL APPROVAL:	Michael Burrows

BACKGROUND INFORMATION

San Bernardino International Airport continually maintains all airfield striping and markings in accordance with FAA Regulation, Part 139 on an as-needed and/or rotating-phased approach to ensure compliance with FAA requirements. These regulations require that faded, worn, or damaged markings must to be immediately repaired or replaced to enhance safety and ensure standardization throughout the nation's airport system.

Staff solicited proposals from three contractors. Three (3) contractors submitted proposals: Cal Stripe, Inc.; Chrisp Company; and Hi Lite Airfield Servies, LLC. of which Cal-Stripe, Inc. provided the most competitive proposal. Cal-Stripe is the apparent lowest cost bidder to complete the scope of work in the amount of $63,430.

Staff recommends the SBIAA Commission approve the above recommended action.

Attachments:

1. Cal Stripe, Inc. Bid
2. Bid Tabulation
3. Scope of Work

2040 East Steel Road, Colton CA 92324
Phone: (909) 884-7170 Fax (909) 884-7106
Cell: (909) 206-7206
General Engineering Class A, CA # 685387
DIR # 1000001100
Signatory to Laborers Union Local 1184
Estimator: Adam Lippa

INFORMAL PRIME

BID DATE: 3/26/2026
PROJECT DESCRIPTION: FY26 Removal and Installation of Airfield Markings
CONTRACT / PROJECT #: TBD
OWNER: SBIA
CONTACT: Adel Alsibai

1. Cal Stripe Inc.'s subcontract proposal is good for 30 days only. Prices are based on Paint Scope Documents provided on 3/19/2026.
2. If this proposal is accepted, it is to be incorporated as an exhibit to the Owner or purchase order, including all terms and conditions herein. A signed purchase order, or subcontract is required prior to commencement of any work associated with this proposal. A baseline schedule, complete set of plans and specs (including special provisions) to be provided with the subcontract agreement.
3. The Owner is to provide monthly progress payments for all completed work in accordance with the bid pricing schedule. Monthly progress payments must be received in full by Cal Stripe no later than 10 calendar days after completion. Retention percentage on monthly progress payments to be no greater than the percentage retained by the Owner for its payments. Full retention to be released no later than thirty (30) days after completion of Cal Stripe's stage, phase or permanent work.
4. All changes to the original scope of work or proposed extra work must be directed by the Owner in writing prior to Cal Stripe performing this work. No extra work or additional work will be performed without written authorization, including additional move-ins. The Owner is responsible for payment, within 60 days of the work, for ALL extra work performed by Cal Stripe. All extra work must have an executed change order or P.O. prior to Cal Stripe scheduling the work. □
5. Any required Testing, Engineering, Design, Permits, Licenses or Applications, COVID type and the like to be provided by the Owner.
6. If the Owner requires a bond, the Owner shall pay for the cost of the bond. Cal Stripe's bond rate is 1.5 %. Cal Stripe carries $5,000,000.00 of insurance coverage only. Additional coverage's required by the Owner to be paid by the Owner. Cal Stripe does not carry railroad insurance, or Pollution related insurance.
7. For the purpose of this Subcontract Quotation, one (1) move-in is considered to be a period of consecutive eight (8) hour days of continuous work, not including holidays. Any discontinuities in this period, other than holidays, or for our own convenience, will be charged as an additional move-in at the additional move-in charge stated below.
8. Traffic control plans are not included. All lane closure requests are to be submitted by the Owner.
9. The Owner is to provide work area unobstructed by other operations while stripe removal and stripe installation is being performed. Any downtime due to the Owner or its other contractors will be billed at T&M.

10. A baseline schedule and written notification is required for a minimum of 30 calendar days prior to the commencement of work and for each additional move-in.
11. Cal Stripe's liability for liquidated damages shall be limited to the proportion of Cal Stripe's contract value with the Owner. All claims for liquidated damages must be approved in writing with Cal Stripe prior to the Owner assessing liquidated damages to Cal Stripe. Cal Stripe Inc. will not be held liable for scheduled delays, or assessment of liquidated damage due to Covid, or other health-related issues unknown at the time of bid.
12. All Rentals and or Options, including Road Striper Rentals (RSR), are subject to availability.
13. Cal Stripe is not responsible for wind or weather delays. Cal Stripe must be notified within **12 hours** of scheduled work for a weather calcelation, or an additional move-in charge will be billed.

Additional Terms:

A. The following materials and services are included in this quote: Removal of Airfield MArkings by Waterblaster [YES] - Disposal of Liquid Removal Debris [NO] - Installation of Airfield Markings [NO] - Survey / Stationing [NO] - FOD Sweeping [YES] - Closures / Traffic Control [NO] - Low Profile Barricades [NO]

B. [1] Total move-ins that are included in this quote for Installation of Airfield Markings. Additional move in charge $995.00 ea.
C. [1] Total move-ins that are included in this quote for Removal of Airfield Markings. Additional move in charge $995.00 ea.

D. Traffic control is not included in this quote. Concurrent closures in various areas may be required in any given shift. Traffic control when included is for Cal Stripe operations only. All advance posting, detour signage, special advance ramp, lane closure signing, post & notify for no parking, CMS boards, low profile barridase, lighted LED Xs and radar feedback signs are to be furnished and placed by the Owner.
E. The Owner is to provide ETW, K-rail layout, centerline and stationing on center with no offset prior to move in. Layout shall be 50' on tangent and 25'on radius for mainline work and 50' on tangent and 25' on radius for work on ramps or surface streets. Angle points must be referenced. All survey requests are to be submitted by the Prime Contractor.
F. The Owner is to provide on-site fenced area within the job limits for any and all removal debris, liquid or solid dumping. The Owner is responsible for disposal.

G. The Owner to provide surveyed stripe centerline @ 50' intervals on tangent, 25' on radiuses, and on all corners of the markings for all airports.
H. The Owner to provide construction water at the jobsite.
I. Owner to provide escorts for work scheduled.

PROJECT DESCRIPTION: FY26 Removal and Installation of Airfield Markings

Item #	Quantity	Units	Description	Unit Price	Total
1	1	LS	Mobilization for Cal Stripe's Operations.	$ 4,995.00	$ 4,995.00
2	45,284	SQFT	Removal of Airfield Markings	$ 0.40	$ 18,113.60
3	17,512	SQFT	Installation of Reflective Airfield Markings.	$ 1.50	$ 26,268.00
4	28,108	SQFT	Installation of Non-Reflective Airfield Markings.	$ 0.50	$ 14,054.00
			TOTAL BASE BID:	**$**	**63,430.60**

CHANGES OR DELETIONS OF ANY ITEM MUST BE APPROVED PRIOR TO BID TIME

Estimator: Adam Lippa

QUOTE SUMMARY SHEET

Agency:	Requester Name:	Date:	Requesting Division:	Attachments (List):	Description of project/reason for PR:
SBIAA	Andres	4/20/2026		3 vendor quotes attached	airfield markings quote comparison

				VENDOR 1				VENDOR 2				VENDOR 3			
				Cal Stripe, Inc.				Chrisp Company				HI-LITE Airfield Services, LLC			
DESCRIPTION	BRAND/ITEM SPECS OR EQUIVALENT	QTY	UOM	PRICE	SUB-TOTAL	SALES TAX	S&H	PRICE	SUB-TOTAL	SALES TAX	S&H	PRICE	SUB-TOTAL	SALES TAX	S&H
Mobilization	Cal Stripe: separate mobilization item. Chrisp: no separate mobilization line shown (1 move-in included). Hi-Lite: 1 mobilization included for removal and final pavement markings.	1 / 0	LS	$4,995.00	$4,995.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Removal	Water blasting removal per supplied scope. Qty: Cal Stripe 45,284 SF; Chrisp 45,791 SF; Hi-Lite 46,022 SF.	See specs	SF	$0.40	$18,113.60	$0.00	$0.00	$1.65	$75,555.15	$0.00	$0.00	$2.23	$102,629.06	$0.00	$0.00
Reflective installation	Reflective installation bucket used to align unlike quotes. Cal Stripe: 17,512 SF reflective markings. Chrisp: 17,451 SF total (34 SF white Type III + 17,215 SF yellow Type III + 202 SF red Type I). Hi-Lite: 21,223 SF total colored markings (139 SF white + 20,882 SF yellow + 202 SF red).	See specs	SF	$1.50	$26,268.00	$0.00	$0.00	See specs	$35,121.00	$0.00	$0.00	See specs	$45,300.00	$0.00	$0.00
Non-reflective / black installation	Non-reflective / black installation bucket. Cal Stripe: 28,108 SF non-reflective(no beads). Chrisp: 29,512 SF black paint (no beads). Hi-Lite: 25,831 SF black markings (no beads).	See specs	SF	$0.50	$14,054.00	$0.00	$0.00	$1.50	$44,268.00	$0.00	$0.00	$2.00	$51,662.00	$0.00	$0.00
		GRAND TOTALS:				$63,430.60				$154,944.15				$199,591.06	

SELECTED VENDOR: **VENDOR 1 - Cal Stripe, Inc.**

JUSTIFICATION FOR SELECTED VENDOR:	VENDOR INFORMATION:	
Lowest overall price, good work history with vendor.	Vendor 1 Company Name:	Cal Stripe, Inc.
	Address:	2040 East Steel Road, Colton, CA 92324
	Contact information:	Adam Lippa | (909) 884-7170
	Vendor 2 Company Name:	Chrisp Company
	Address:	43650 Osgood Road, Fremont, CA 94539
Form of communication used to obtain quotes/pricing: Written vendor proposals / PDF quotes. Comparison notes: Prepared to make the three proposals as close to apples-to-apples as possible using common buckets (mobilization, removal, reflective installation, and non-reflective/black installation). Quantities, bead types, and coating categories are not perfectly aligned between the quotes, so this sheet groups each proposal into comparable cost buckets based on the line items actually provided. Cal Stripe remains the lowest overall price on that normalized comparison. All Vendors given same attached scope of work.	Contact information:	John Marek | (951) 232-3608
	Vendor 3 Company Name:	HI-LITE Airfield Services, LLC
	Address:	PO Box 597, 20128 NYS Route 12F, Watertown, NY 13601
	Contact information:	(315) 583-6111 | www.hi-lite.com

San Bernardino International Airport

Paint Scope

Summary:

This project involves the removal of existing non-compliant or weathered pavement markings and the application of new high visibility markings across taxiway, runway interfaces, and vehicle service roads. All work shall be performed in accordance with current FAA AC 150/5340-1 standards to ensure pilot situational awareness and ground safety.

- Full removal and replacement of standard taxiway centerlines, enhanced centerlines, and taxiway edge lines.
- Removal and re-application of Surface Painted Runway Holding Position (SPHP) Markings.
- Application of one stop bar at North Terminal Ramp.
- Application of Intermediate Holding Position markings on North Ramp
- Vehicle Service Road (VSR): Conversion of an existing surface-painted “STOP” marking to a “YIELD” marking to optimize ground traffic flow on airport service roads.
- Removal of one surface painted “STOP” sign and stop bar.

Glass Beads:

Glass beads shall be applied with paint in accordance with FAA Advisory Circular150/5340-1.

2026 AIRFIELD PAINT SCOPE (All measurements are approximates)

Taxiway A Centerline

Removal:

2,580 Ft. Yellow Line (0.5 Ft. Wide) = 1,290 Square Feet.
2,580 Ft. Black Line (0.5 Ft. Wide) = 1,290 Square Feet.
2,580 Ft. Black Line (0.5 Ft. Wide) = 1,290 Square Feet.
Total Yellow Removal = 1,290 Square Feet.
Total Black Removal = 2,580 Square Feet.
Grand Total Removal = 3,870 Square Feet.

Application:

2,580 Ft. Yellow Line (0.5 Ft. Wide) = 1,290 Square Feet.
2,580 Ft. Black Line (0.5 Ft. Wide) = 1,290 Square Feet.
2,580 Ft. Black Line (0.5 Ft. Wide) = 1,290 Square Feet.
Total Yellow Application= 1,290 Square Feet.
Total Black Application = 2,580 Square Feet.
Grand Total Application = 3,870 Square Feet.

Taxiway A Edge Lines

Removal:

5,496 Ft. Black Line (0.5 Ft. Wide) = 2,748 Square Feet.
5,496 Ft. Yellow Line (0.5 Ft. Wide) = 2,748 Square Feet.
5,496 Ft. Black Line (0.5 Ft. Wide) = 2,748 Square Feet.
5,496 Ft. Yellow Line (0.5 Ft. Wide) = 2,748 Square Feet.
5,496 Ft. Black Line (0.5 Ft. Wide) = 2,748 Square Feet.
Total Black Removal = 8,244 Square Feet.
Total Yellow Removal = 5,496 Square Feet.
Grand Total Removal = 13,740 Square Feet.

Application:

5,496 Ft. Black Line (0.5 Ft. Wide) = 2,748 Square Feet.
5,496 Ft. Yellow Line (0.5 Ft. Wide) = 2,748 Square Feet.
5,496 Ft. Black Line (0.5 Ft. Wide) = 2,748 Square Feet.
5,496 Ft. Yellow Line (0.5 Ft. Wide) = 2,748 Square Feet.
5,496 Ft. Black Line (0.5 Ft. Wide) = 2,748 Square Feet.
Total Black Application = 8,244 Square Feet.
Total Yellow Application = 5,496 Square Feet.
Grand Total Application = 13,740 Square Feet.

Taxiway E Centerline

Removal:

3,710 Ft. Yellow Line (0.5 Ft. Wide) = 1,855 Square Feet.
3,710 Ft. Black Line (0.5 Ft. Wide) = 1,855 Square Feet.
3,710 Ft. Black Line (0.5 Ft. Wide) = 1,855 Square Feet.
Total Yellow Removal = 1,855 Square Feet.
Total Black Removal = 3,710 Square Feet.
Grand Total Removal = 5,565 Square Feet.

Application:

3,710 Ft. Yellow Line (0.5 Ft. Wide) = 1,855 Square Feet.
3,710 Ft. Black Line (0.5 Ft. Wide) = 1,855 Square Feet.
3,710 Ft. Black Line (0.5 Ft. Wide) = 1,855 Square Feet.
Total Yellow Application = 1,855 Square Feet.
Total Black Application = 3,710 Square Feet.
Grand Total Application = 5,565 Square Feet.

Taxiway E Edge Lines

Removal:

7,333 Ft. Black Line (0.5 Ft. Wide) = 3,667 Square Feet.
7,333 Ft. Yellow Line (0.5 Ft. Wide) = 3,667 Square Feet.
7,333 Ft. Black Line (0.5 Ft. Wide) = 3,667 Square Feet.
7,333 Ft. Yellow Line (0.5 Ft. Wide) = 3,667 Square Feet.
7,333 Ft. Black Line (0.5 Ft. Wide) = 3,667 Square Feet.
Total Black Removal = 11,001 Square Feet.
Total Yellow Removal = 7,334 Square Feet.
Grand Total Removal = 18,335 Square Feet

Application:

7,333 Ft. Black Line (0.5 Ft. Wide) = 3,667 Square Feet.
7,333 Ft. Yellow Line (0.5 Ft. Wide) = 3,667 Square Feet.
7,333 Ft. Black Line (0.5 Ft. Wide) = 3,667 Square Feet.
7,333 Ft. Yellow Line (0.5 Ft. Wide) = 3,667 Square Feet.
7,333 Ft. Black Line (0.5 Ft. Wide) = 3,667 Square Feet.
Total Black Application = 11,001 Square Feet.
Total Yellow Application = 7,334 Square Feet.
Grand Total Application = 18,335 Square Feet

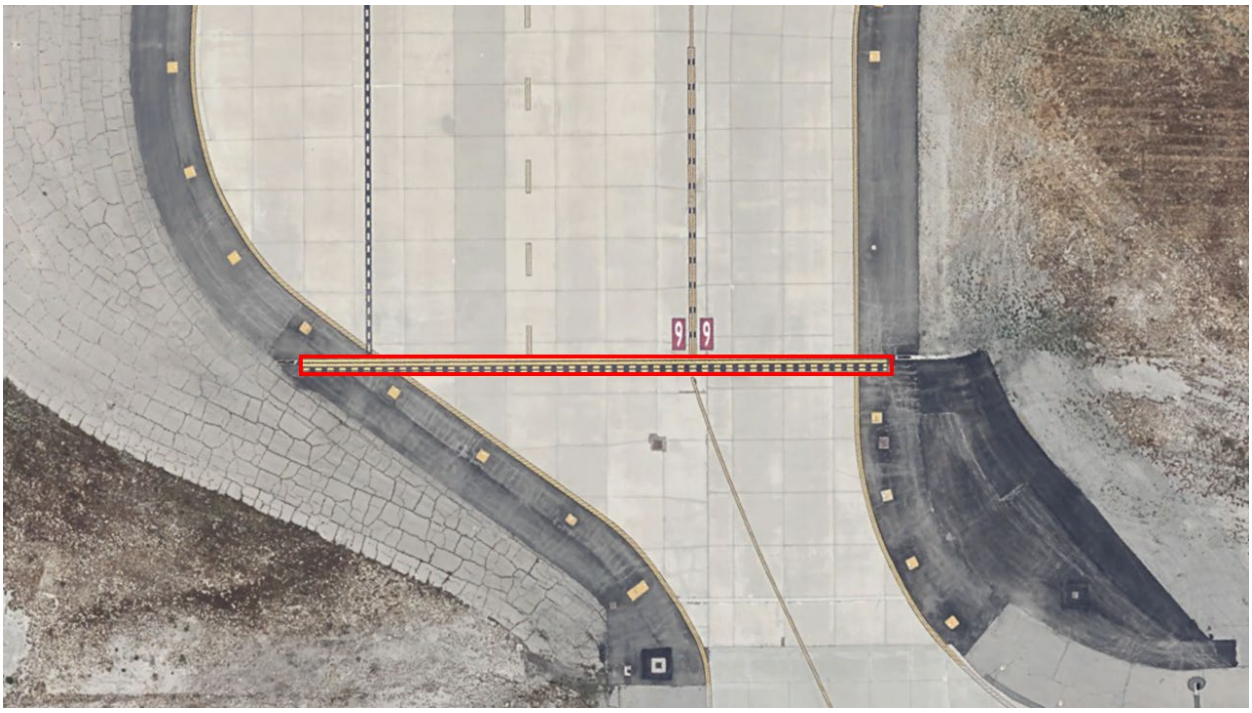
TWY A Runway 6 Holding Position Marking

Removal:

291Ft. Black (8Ft. wide) = 2,323 Square Feet
2 solid yellow = 580 Square feet
2 sets of yellow dashed lines = 288 Square feet.
Total Black Removal = 2,323 Square Feet.
Total Yellow Removal = 868 Square Feet.
Grand Total Removal = 3,191 Square Feet

Application:

291Ft. Black (8Ft. wide) = 2,323 Square Feet
2 solid yellow = 580 Square feet
2 sets of yellow dashed lines = 288 Square feet.
Total Black Application= 2,323 Square Feet.
Total Yellow Application = 868 Square Feet.
Grand Total Application = 3,191 Square Feet.



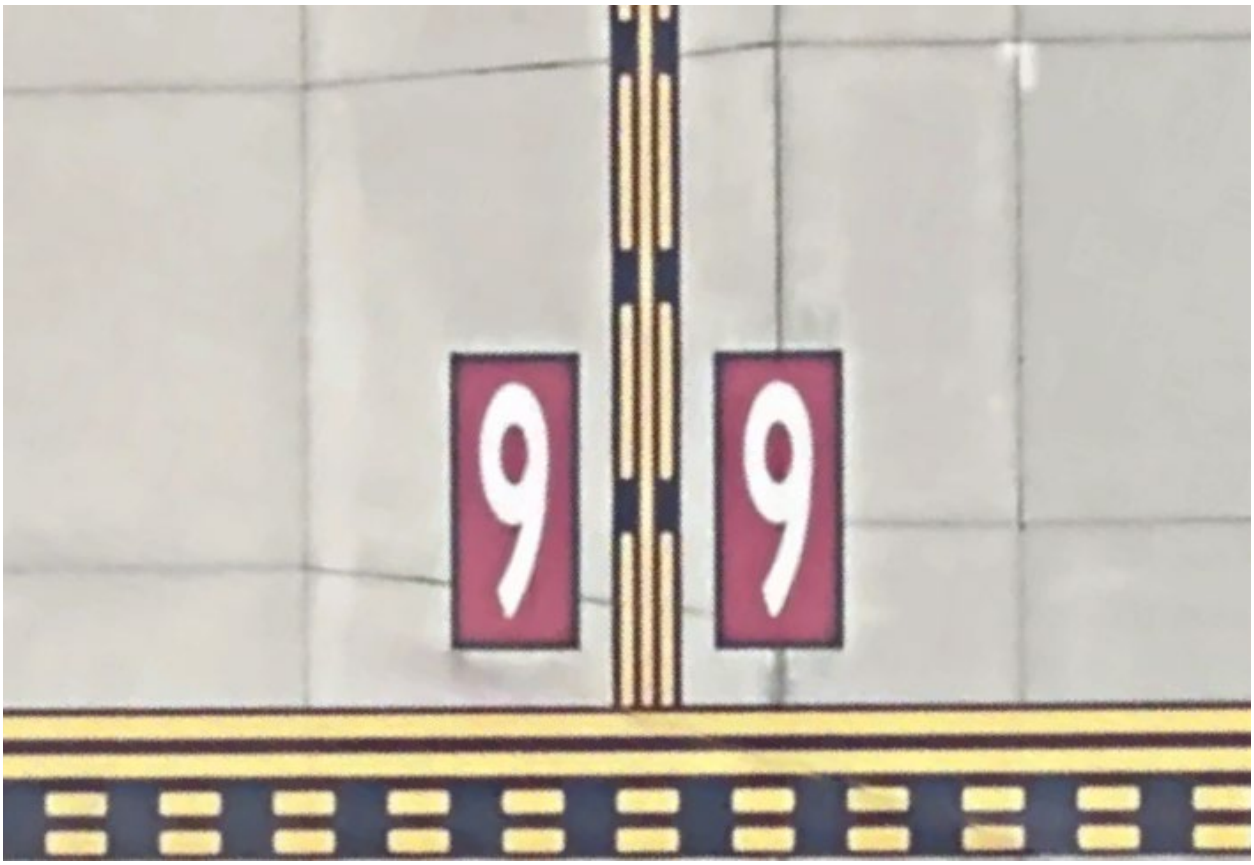
TWY A / RWY 6 Surface Painted Runway Holding Position Marking.

Removal/Application:

Black Paint = 224 square feet

Red Paint = 202 square feet.

White Paint = Standard FAA approved white numbers.

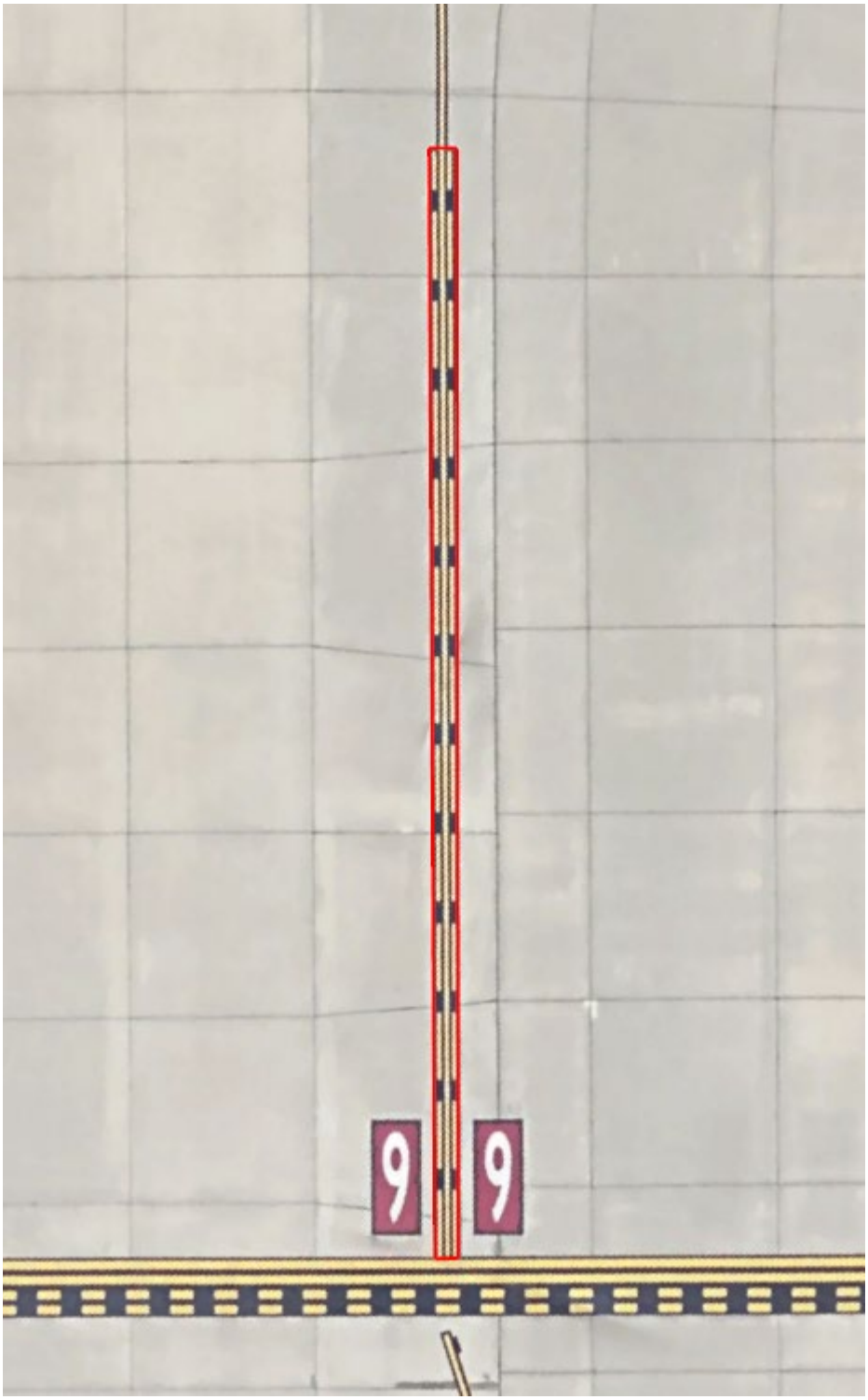


Taxiway A Enhanced Centerline

Removal/Application

Black Paint = 600 Square Feet.

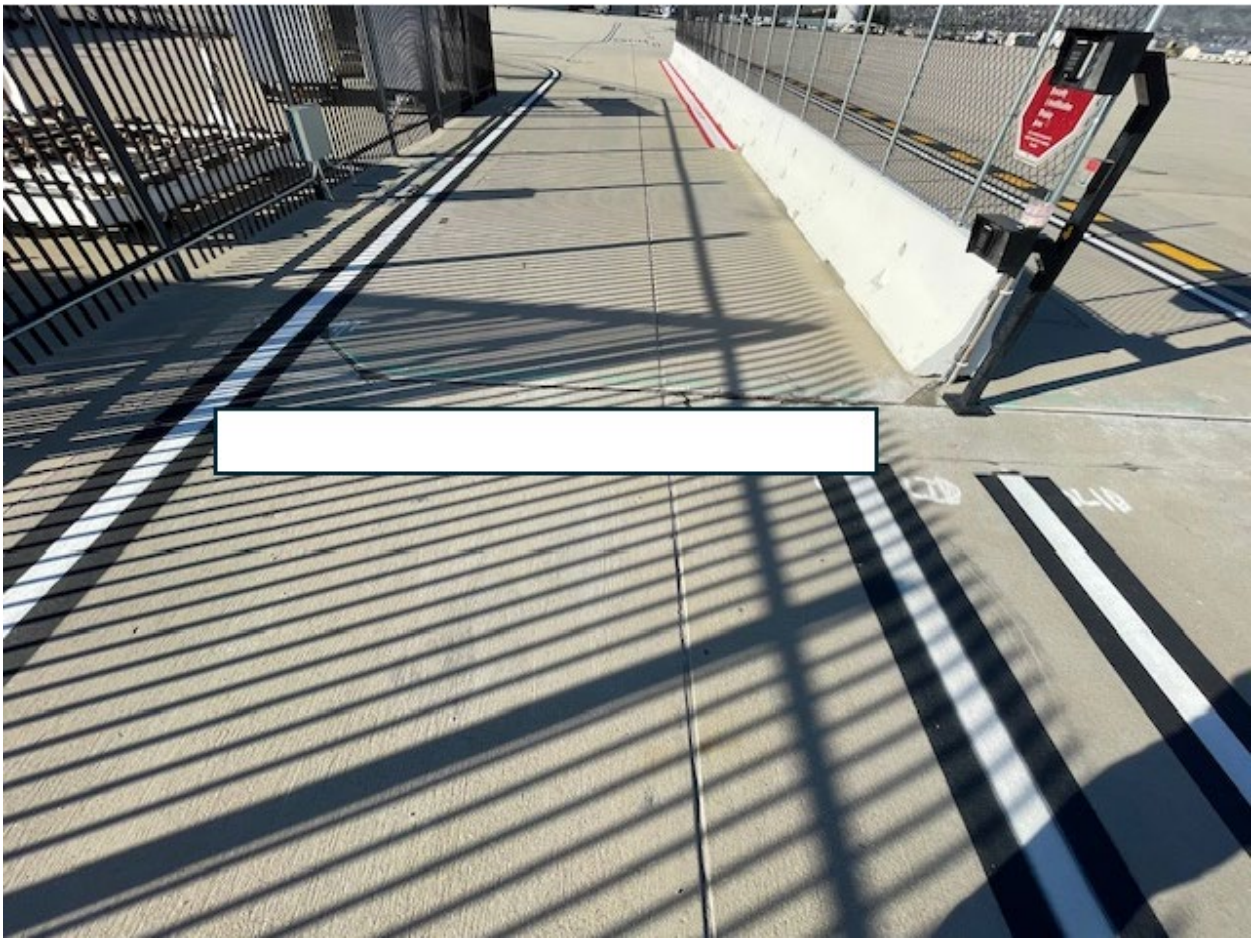
Yellow Paint = 132 Square feet.



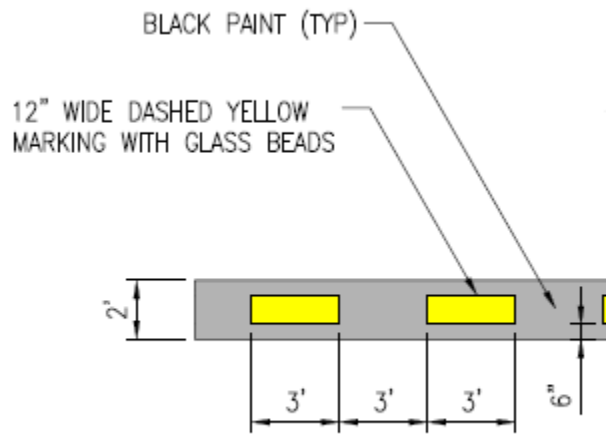
North SIDA virtual gate arm stop bar

Add 12 square feet of white paint to create 1’ wide stop bar.

Add the letters “STOP” in black paint on top of white stop bar.



Add 2 Intermediate Holding Position Markings



(2x) 235 Ft. Long - Intermediate Holding Position Markings:

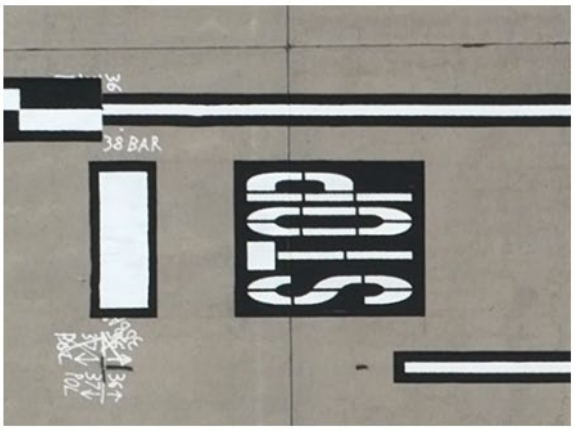
Total Black Paint Application = 940 Square Feet.

Total Yellow Paint Application = 240 Feet.

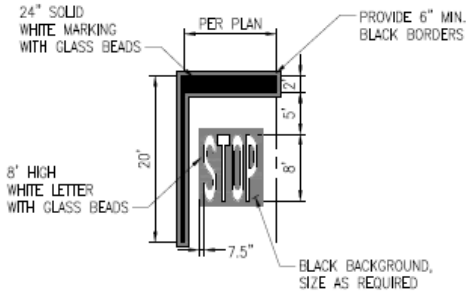
The markings consist of two (2) dashed lines located on opposite sides of the taxi lane centerline, oriented perpendicular to the direction of travel.

The diagram below shows the placement of each marking in orange:

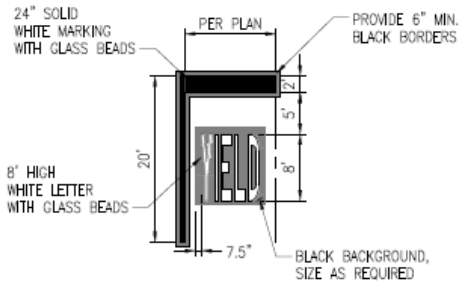
Blackout “STOP” and add “Yield”



1 – VEHICLE SERVICE ROAD MARKINGS
NOT TO SCALE



3 – STOP BAR AND STOP LEGEND
NOT TO SCALE



4 – YIELD LEGEND AND STOP BAR
NOT TO SCALE

Remove Surface Painted Stop Sign and Stop Bar

	TO: San Bernardino International Airport Authority Commission **DATE: May 27, 2026** **ITEM NO: 10** **PRESENTER: Jonathan Galvan, Airport Manager**

SUBJECT: APPROVE DECLARATION OF CERTAIN AIRPORT VEHICLES AND EQUIPMENT AS SURPLUS

SUMMARY

Following a staff review of aging and out-of-service assets, the San Bernardino International Airport Authority (SBIAA) has identified an inventory of vehicles, ARFF trucks, equipment, security sheds, and electronics that are beyond their useful life. Staff recommends declaring these items as surplus so they can be liquidated and would be sold at auction in accordance with SBIAA's surplus property policy. Additionally, staff recommends selling one surplus 1995 Oshkosh T-3000 ARFF truck directly to Sonoma County Airport (STS) for $5,000 to help meet their operational needs.

RECOMMENDED ACTION(S)

Approve the declaration of certain SBIAA vehicles and equipment as surplus and the sale of a 1995 Oshkosh T-3000 ARFF truck to Sonoma County Airport (STS) in the amount of $5,000; and authorize the Chief Executive Officer to execute all related documents.

FISCAL IMPACT

None at this time. Proceeds from the sale of surplus vehicles and equipment in excess of $1,000 will be reported to the SBIAA Commission at the next regularly scheduled meeting following the sale and will be recorded as revenue in the fiscal year in which the transactions occur.

PREPARED BY:	Jonathan Galvan
CERTIFIED AS TO AVAILABILITY OF FUNDS:	N/A
APPROVED AS TO FORM AND LEGAL CONTENT:	Scott Huber
FINAL APPROVAL:	Michael Burrows

BACKGROUND INFORMATION

SBIAA staff have reviewed the operational status, need, and repair costs for certain vehicles and equipment that have been out of service for several years. Based on this evaluation, staff identified an inventory of eight (8) vehicles, five (5) ARFF trucks, thirteen (13) pieces of equipment, twelve (12) cargo dollies, three (3) security sheds, and miscellaneous furniture and IT equipment that hold little to no operational value to the agency and should be declared surplus.

In accordance with the agency's surplus property policy, vehicles and equipment will be auctioned to the highest bidder through GovDeals to obtain the highest value to the agency. Any resulting sales will be reflected as revenue in the budget. Should any resulting revenue from a single transaction exceed $1,000, a follow-up report will be submitted to the SBIAA Commission.

In addition to the public auction, staff is utilizing traditional inter-airport partnerships to clear the remaining specialized equipment. California airports commonly work together to the greater benefit of the airport industry. In recent years, SBIAA has benefited from this practice by acquiring surplus ARFF trucks from Burbank (BUR) and Ontario (ONT) to fulfill its own FAA CFR 14, Part 139 requirements. The agency now has an opportunity to reciprocate that support for a neighboring partner facing a similar operational need. Staff proposes selling a surplus 1995 Oshkosh T-3000 ARFF truck directly to the Charles M. Schulz - Sonoma County Airport (STS) for $5,000. Under the terms of this agreement, the vehicle will be transferred in "as-is" condition, and STS will assume all associated transportation costs.

Staff recommends the SBIAA Commission approve the above recommended action.

Attachments:

1. Surplus List of Vehicles and Equipment

Surplus List of Vehicle and Equipment, May 2026

Item	Year	Manufacturer	Description
ARFF Truck	1974	OSHKOSH #M-1500	R10, ran when parked, missing parts
ARFF Truck	1975	OSHKOSH #M-1500	R6, does not run, missing many engine parts
ARFF Truck	1975	OSHKOSH #M-1500	R14, runs, missing parts, out of service
ARFF Truck	1988	OSHKOSH #T-1500	Out of service
ARFF Truck	1995	OSHKOSH #T-3000	Out of service
Vehicle	2005	FORD F-150 XL TRITON	F-150, transmission inop, bad cat-convertors
Vehicle	2007	FORD F-150 XL TRITON	F-150, motor knock + bad cat-convertors
Vehicle	2010	FORD CROWN VICTORIA POLICE INTERCEPTOR	Security 299, bad rear diff. + transmission problems
Vehicle	2011	FORD CROWN VICTORIA POLICE INTERCEPTOR	Security 301, beyond useful life
Vehicle	2015	FORD TAURUS	Security 302, beyond useful life, bad cat-convertors
Vehicle	2015	VOLKSWAGEN EXECUTIVE CC	Poor condition, beyond useful life
Vehicle	2018	FORD EXPLORER POLICE INTERCEPTOR AWD	Security 307, beyond useful life
Vehicle	2018	FORD EXPLORER POLICE INTERCEPTOR AWD	Security 308, beyond useful life
Lower Deck Loader	1986	LANTIS 818 CARGO LOADER (yellow)	Beyond useful life, parts unavailable
Lower Deck Loader	Unknown	LANTIS CARGO LOADER (white)	Beyond useful life, parts unavailable
Baggage Tug	1990	STEWART & STEVENSONS #BT 345	Beyond useful life, parts unavailable
Baggage Tug	1990	STEWART & STEVENSONS	Beyond useful life, parts unavailable
Front Loader	1990	CASE #W14C	No 2nd gear, beyond useful life
Boom lift	Unknown	MARKLIFT #62	Basket unsafe, out of service
Tractor	1982	JOHN DEERE #2640A	Poor condition, beyond useful life
Stump grinder	1985	VERMEER #616 5216	Needs extensive repairs
Chipper	1986	VERMEER #1200	Lacks modern safety equip, out of service
Skid-Steer	1989	BOBCAT #743	Needs valve body, parts unavailable
Golf Cart	2010	GEM E4 ELECTRIC / GEM E6 ELECTRIC	GEM cart, parts unavailable
Forklift	Unknown	CROWN #305P4 2T-S	Poor condition, surplus
Helo Pull Pad	Unknown	N/A	Poor condition
Cargo Dollies (12)	Unknown	Unknown	Poor condition
Security Shed	Unknown	BIG ENTERPRISE INC. #A9 12310	Surplus guard shack
Security Shed	Unknown	#A9 12307	Surplus guard shack
Security Shed	Unknown	#A9 12308	Surplus guard shack
Furniture	Unknown	Unknown	Computer Cabinet (4), surplus
Electronic Equipment	Unknown	Unknown	Various IT electronics, surplus

	TO: San Bernardino International Airport Authority Commission **DATE: May 27, 2026** **ITEM NO: 11** **PRESENTER: Jillian Ubaldo, Assistant Secretary of the Commission**

SUBJECT: APPROVE MEETING MINUTES: APRIL 22, 2026

SUMMARY

Submitted for consideration and approval by the San Bernardino International Airport Authority (SBIAA) Commission: Meeting minutes of the regular meeting held Wednesday, April 22, 2026.

RECOMMENDED ACTION(S)

Approve meeting minutes of the regular meeting held April 22, 2026.

FISCAL IMPACT

None.

PREPARED BY:	Yajaira Maldonado
CERTIFIED AS TO AVAILABILITY OF FUNDS:	N/A
APPROVED AS TO FORM AND LEGAL CONTENT:	Scott Huber
FINAL APPROVAL:	Michael Burrows

BACKGROUND INFORMATION

None.

Attachments:

1. April 22, 2026 regular meeting minutes

SAN BERNARDINO INTERNATIONAL AIRPORT AUTHORITY

REGULAR MEETING COMMISSION ACTIONS

WEDNESDAY, APRIL 22, 2026

5:00 P.M.

MAIN AUDITORIUM – Norton Regional Event Center 1601 East Third Street, San Bernardino, CA

A regional joint powers authority dedicated to the reuse of Norton Air Force Base
for the economic benefit of the East Valley

Commission Members	
City of Colton	
Mayor Frank J. Navarro	Present
Councilmember John Echevarria (alt)	Present (In Audience)
City of Loma Linda	
Councilmember Rhodes Rigsby	Present
Mayor Phillip Dupper (alt)	Absent
County of San Bernardino	
Supervisor Joe Baca, Jr., Vice President	Present
Supervisor Dawn Rowe (alt)	Absent
City of San Bernardino	
Councilmember Kim Knaus	Absent
Councilmember Theodore Sanchez, Secretary	Present
Councilmember Fred Shorett (alt)	Present (Arrived @ 5:15 P.M.)
City of Highland	
Mayor Penny Lilburn, President	Present
Mayor Pro Tem Jimmy Saldana (alt)	Present (In Audience)
Staff Members and Others Present	
Michael Burrows, Chief Executive Officer	Catherine Pritchett, Director of Administration
Mark Gibbs, Director of Aviation	Jillian Ubaldo, Assistant Secretary of the Commission
Jeff Barrow, Director of Development	Jonathan Galvan, Airport Manager
Mark Cousineau, Director of Finance	Scott Huber, Legal Counsel, Cole Huber LLP

The Regular Meeting of the San Bernardino International Airport Authority was called to order by President Penny Lilburn at approximately 5:02 p.m. on Wednesday, April 22, 2026.

A. CALL TO ORDER / ROLL CALL

Roll call was duly noted and recorded by voice.

Members of the Commission and staff joined President Penny Lilburn in the Pledge of Allegiance.

B. CLOSED SESSION PUBLIC COMMENT

There were no closed session public comment.

C. CLOSED SESSION

President Penny Lilburn recessed to closed session at 5:04 p.m. Mr. Scott Huber, Legal Counsel, Cole Huber, LLP, read the closed session items as posted on the Agenda.

a. Conference with Real Property Negotiator Pursuant to Government Code Section 54956.8
Property: 105 North Leland Norton Way, San Bernardino CA 92408
Negotiating Parties: Michael Burrows, SBIAA Chief Executive Officer and Betty Lui, Transportation Security Administration (TSA)

b. Conference with Real Property Negotiator Pursuant to Government Code Section 54956.8
Property: 2235 East Perimeter Road, San Bernardino CA 92408
Negotiating Parties: Michael Burrows, SBIAA Chief Executive Officer and Kevin Horan, SBRETC

c. Conference with Real Property Negotiator Pursuant to Government Code Section 54956.8
Property: 275 N. Leland Norton Way, San Bernardino CA 92408
Negotiating Parties: Michael Burrows, SBIAA Chief Executive Officer and Mike Allen, Executive Vice President, Bulk Fuel Sales, Titan Aviation Fuels

d. Conference with Real Property Negotiator Pursuant to Government Code Section 54956.8
Property: Approximately 4 acres of vacant land at the San Bernadino International Airport, San Bernardino CA 92408
Negotiating Parties: Michael Burrows, SBIAA Chief Executive Officer and Michael Allawos, Technical Advisor

e. Conference with Real Property Negotiator Pursuant to Government Code Section 54956.8
Property: 255 S. Leland Norton Way, Suite 1, San Bernardino CA 92408
Negotiating Parties: Michael Burrows, SBIAA Chief Executive Officer, Scott Huber, SBIAA Legal Counsel, and Joe Ermalovich, AeroPro MRO SBD, LLC

D. REPORT ON CLOSED SESSION

President Penny Lilburn reconvened the meeting at 6:16 p.m. President Penny Lilburn asked Mr. Scott Huber, legal Counsel, Cole Huber, LLP, if there were any reportable items Mr. Huber reported that there were none.

E. ITEMS TO BE ADDED OR DELETED

There were no items to be added or deleted.

F. CONFLICT OF INTEREST DISCLOSURE

1. President Penny Lilburn stated Commission members should note the item(s) listed which might require member abstentions.

   There were no conflicts noted.

G. INFORMATIONAL ITEMS

Mr. Michael Burrows, Chief Executive Officer, presented the following informational items:

2. Informational Items
   a. Chief Executive Officer's Report
   b. SBD Good Neighbor Program Update

2b. Mr. Mark Gibbs, Director of Aviation, stated that quarterly reports for the Good Neighbor Program are typically available during the first month following the close of each quarter. However, due to delays associated with the data provider's vetting process, staff requested that reporting be moved to the second month following the close of each quarter.

Mr. Michael Burrows, Chief Executive Officer, noted that there was no formal resolution associated with the item and that it was presented for the Commission's information only.

H. COMMISSION CONSENT ITEMS

Let the record reflect that all votes were done by roll call with each Commissioners' name and vote stated by voice.

3. Register of Demands for March 2026
4. Receive and file Treasurer's Report for February 28, 2026, for the San Bernardino International Airport Authority (SBIAA)
5. Authorize staff to advertise the General Aviation Parking Redesign Project
6. Approve Meeting Minutes: March 25, 2026

ACTION: Approve Agenda Item Nos. 3–6

RESULT:	**ADOPTED [UNANIMOUSLY]**
MOTION/SECOND:	Baca / Navarro
AYES:	Lilburn, Baca, Sanchez, Navarro, Rigsby, and Shorett
NAYS:	None
ABSTENTIONS:	None
ABSENT:	None

I. COMMISSION ACTION ITEMS

Let the record reflect that all votes were done by roll call with each Commissioners' name and vote stated by voice.

7. Consider and adopt proposed budget adjustments for fiscal year 2025-2026

Mr. Mark Cousineau, Director of Finance, shared a brief report on Agenda Item No. 7.

ACTION: Consider and adopt budget adjustments reflected in the Proposed Budget Adjustments Table for Fiscal year 2025-2026.

RESULT:	**ADOPTED [UNANIMOUSLY]**
MOTION/SECOND:	Baca / Rigsby
AYES:	Lilburn, Baca, Sanchez, Navarro, Rigsby, and Shorett
NAYS:	None
ABSTENTIONS:	None
ABSENT:	None

8. Consider and Discuss a Report on Airport Rules and Regulations

Mr. Scott Huber, Legal Counsel, discussed key rules and regulations presented in the PowerPoint presentation entitled "San Bernardino International Airport Authority – Airport Rules and Regulations – April 22, 2026", and advised the Commission that he remains available to address questions or provide clarification.

Mr. Huber introduced Jim Lites, Executive Director of the California Airports Council who shared industry observations.

Mr. Michael Burrows, Chief Executive Officer, thanked Legal Counsel and Mr. Lites for the informative presentation.

President Penny Lilburn noted recent discussion regarding the Commission Operating Rules and Procedures and suggested the creation of a binder containing pertinent information.

This item was for discussion purposes only; no formal action was taken.

9. Adoption of Resolution No. 2026-02 establishing the Executive Committee as a Standing Committee and Adopting a regular meeting schedule

Mr. Scott Huber, Legal Counsel, shared a brief report on Agenda Item No. 9.

ACTION: Staff recommends that the Commission adopt Resolution No. 2026-02 formally establishing the Executive Committee as a Standing Committee and approve a regular meeting schedule for the fourth Wednesday of every month, with meetings commencing at 4:00 p.m., except

for those months where the Finance and Budget Committee is regularly scheduled, in which case the Executive Committee shall meet at 3:00 p.m.

RESULT:	**ADOPTED**
MOTION/SECOND:	Sanchez / Shorett
AYES:	Lilburn, Baca, Sanchez, and Shorett
NAYS:	Navarro and Rigsby
ABSTENTIONS:	None
ABSENT:	None

10. Award a construction contract to All American Building Services in an amount not to exceed $131,100 for the Inter-Terminal Walkway Project

Mr. Jeff Barrow, Director of Development, presented a brief report on Agenda Item No. 10.

ACTION: Award a construction contract to All American Building Services in an amount not to exceed $131,100 for the Inter-Terminal Walkway Project; and authorize the Chief Executive Officer to execute all related documents.

RESULT:	**ADOPTED [UNANIMOUSLY]**
MOTION/SECOND:	Baca / Navarro
AYES:	Lilburn, Baca, Sanchez, Navarro, Rigsby, and Shorett
NAYS:	None
ABSTENTIONS:	None
ABSENT:	None

11. Award a construction contract to Geo Paving and Seal Coating, Inc. in an amount not to exceed $133,500.50 for the General Aviation Ramp (Phase II) Project

Mr. Jeff Barrow, Director of Development, presented a brief report on Agenda Item No. 11.

ACTION: Award a construction contract to Geo Paving and Seal Coating, Inc. in an amount not to exceed $133,500.50 for the General Aviation Ramp (Phase II) Project; and authorize the Chief Executive Officer to execute all related documents.

RESULT:	**ADOPTED [UNANIMOUSLY]**
MOTION/SECOND:	Baca / Sanchez
AYES:	Lilburn, Baca, Sanchez, Navarro, Rigsby, and Shorett
NAYS:	None
ABSTENTIONS:	None
ABSENT:	None

12. Approve Change Order No. 1 with Leonida Builders, Inc. for $19,550 for a total contract amount of $507,550 for additional work related to the Re-Bid Airfield Canopies & Underground Service Pit Project

Mr. Jeff Barrow, Director of Development, presented a brief report on Agenda Item No. 12.

ACTION: Approve Change Order No. 1 with Leonida Builders, Inc. for an amount not to exceed $19,550 for a total contract amount of $507,550 for additional work related to Re-Bid Airfield Canopies & Underground Service Pit Project.

RESULT:	**ADOPTED [UNANIMOUSLY]**
MOTION/SECOND:	Shorett / Sanchez

AYES:	Lilburn, Baca, Sanchez, Navarro, Rigsby, and Shorett
NAYS:	None
ABSTENTIONS:	None
ABSENT:	None

13. Consider and Discuss a Report on the Green Energy Element Update

Mr. Michael Burrows, Chief Executive Officer, referenced a PowerPoint presentation entitled "Green Energy Element – April 22, 2026" (as contained on pages 146-155 in the agenda packet). Mr. Burrows stated that the airport initiated its green energy efforts in 2020 in coordination with other commercial airports and introduced Mr. Michael Allawos, of Allawos & Company, who provided an overview of key green energy elements.

Mr. Allawos introduced Mr. Greg P. Heller, Hydrogen Sales Manager at Total Hydrogen Solutions, who provided insight into the company's operations.

Mr. Allawos presented a certificate to Mr. Burrows in recognition of his leadership and expressed sincere appreciation for the valued partnership, noting that his leadership and commitment to operational advancement and innovation have strengthened collaborative efforts in sustainable energy.

This item was for discussion purposes only; no formal action was taken.

14. Conduct Business Plan Update Workshop

Mr. Michael Burrows, Chief Executive Officer, referenced a PowerPoint presentation entitled "San Bernardino International Airport – Business Plan Update – March 2026 – Volume 5" (as contained on pages 187-211 in the agenda packet). Mr. Burrows reported that minimal changes have been made, requested Commission review, and noted that, pending satisfaction of all criteria, the item would proceed to adoption and subsequent publication on the website.

This item was for discussion purposes only; no formal action was taken.

15. Review Status of the Action Plan for the San Bernardino International Airport Authority (SBIAA) through June 30, 2026

Mr. Michael Burrows, Chief Executive Officer, referenced a PowerPoint presentation entitled "June 30, 2026 – Airport Focal Areas" (as contained on pages 214-216 in the agenda packet). Mr. Burrows reported that next month is World Trade Month, with the annual World Trade Week conference scheduled in the City of Highland, and noted that the agency is currently in budget preparation, with a draft to be presented at a future meeting.

This item was for discussion purposes only; no formal action was taken.

J. ADDED AND DEFERRED ITEMS

There were no items to be added or deferred.

K. OPEN SESSION PUBLIC COMMENT

There were no public comments.

L. COMMISSION MEMBER COMMENT

Supervisor Joe Baca Jr, thanked staff for bringing the airport consultant to provide information to the Commission. He stated that it is critical to focus on the future of the airport and its investments. He noted that the report highlighted the population base in San Bernardino and Riverside counties and the potential for the airport to rank among the top 15 markets. He also referenced passenger loss to surrounding airports for international flights and suggested there may be a market opportunity for vacation destination services.

Mayor Frank Navarro expressed appreciation to staff for the information provided.

President Penny Lilburn expressed appreciation to Mr. Mark Cousineau, Director of Finance, for the information provided.

M. ADJOURNMENT

There being no further business before the Commission, President Penny Lilburn declared the meeting adjourned at 7:14 p.m.

Approved at a Regular Meeting of the San Bernardino International Airport Authority on Wednesday, May 27, 2026.

Jillian Ubaldo
Assistant Secretary of the Commission

	TO: San Bernardino International Airport Authority Commission **DATE: May 27, 2026** **ITEM NO: 12** **PRESENTER: Mark Cousineau, Director of Finance**

SUBJECT: CONDUCT A FISCAL YEAR 2026/27 BUDGET WORKSHOP

SUMMARY

An oral report and PowerPoint presentation will be provided at the time of meeting. Commissioner feedback and direction will be requested during the meeting.

RECOMMENDED ACTION(S)

Conduct a San Bernardino International Airport Authority (SBIAA) Fiscal Year 2026/27 Budget Workshop and provide feedback and direction to Staff as appropriate.

FISCAL IMPACT

None.

PREPARED BY:	Jillian Ubaldo
CERTIFIED AS TO AVAILABILITY OF FUNDS:	N/A
APPROVED AS TO FORM AND LEGAL CONTENT:	Scott Huber
FINAL APPROVAL:	Michael Burrows

BACKGROUND INFORMATION

The purpose of the Budget Workshop is to present preliminary information and gather policy guidance from the Commission. Following the discussion, the final budget will be brought back for formal consideration and action in June.

Attachments:

1. None

	TO: San Bernardino International Airport Authority Commission **DATE: May 27, 2026** **ITEM NO: 13** **PRESENTER: Michael Burrows, Chief Executive Officer**

SUBJECT: PROPOSED AMENDMENT TO COMMISSIONER STIPENDS FOR REGIONAL ALIGNMENT

SUMMARY

Members of the San Bernardino International Airport Authority (SBIAA) Commission are eligible to receive a meeting stipend for each SBIAA meeting attended. The current meeting stipend of $150 has been in effect since July 1, 2016. Based on an analysis that includes consumer price index information for Riverside-San Bernardino-Ontario metropolitan statistical area and a survey of similar agencies, staff brings this item forward for Commission consideration and discussion regarding a potential adjustment to the meeting stipend amount.

RECOMMENDED ACTION(S)

Discuss and determine what, if any, adjustment should be made to the Board Member meeting stipend.

FISCAL IMPACT

None. The fiscal impact will be determined by the Commission's direction regarding the stipend amount. Funding for any approved adjustment to the Board Member meeting stipend will be incorporated into the proposed SBIAA Budget for FY 2026-27, subject to final consideration and approval by the Commission.

PREPARED BY:	Mark Cousineau
CERTIFIED AS TO AVAILABILITY OF FUNDS:	N/A
APPROVED AS TO FORM AND LEGAL CONTENT:	Scott Huber
FINAL APPROVAL:	Michael Burrows

BACKGROUND INFORMATION

The San Bernardino International Airport Authority (SBIAA) Commission approved a $150 meeting stipend in the adopted SBIAA Budget for FY 2015-16. Members of the SBIAA Commission are eligible to receive a meeting stipend for each SBIAA meeting attended. Staff considered changes in cost of living and conducted peer agency comparisons in its analysis of the meeting stipend.

The United States, Department of Commerce, Bureau of Labor Statistic's Consumer Price Index for All Urban Consumers (CPI-U) for the metropolitan statistical areas that include SBIAA from July 2016 to March 2026 increased 44.47 percent since July 1, 2016. The change in CPI-U supports an increase of up to $66.71 from $150.00 to $216.71 for the SBIAA meeting stipend that is reported as earned wages.

In addition to the consumer price index analysis, staff conducted surveys of seven similar agencies. The agencies surveyed were the Ontario International Airport, East Valley Water District, Big Bear Airport District, Big Bear Community Services District, LAFCO for San Bernardino County, San Bernardino Water Conservation District, and the San Bernardino County Transportation Authority (SBCTA). Meeting stipends ranged from a low of $100 to high of $290. The regional median stipend is $150 and the regional average is $170.79.

When this item was previously presented, a meeting stipend of $175 was recommended. Based on the data above and the Agency's compensation philosophy, which aims for competitive compensation in the upper-middle of the market, staff brings this item forward for Commission consideration and discussion to determine if an adjustment to the meeting stipend is desired.

Attachments:

1. January 27, 2021 Staff Report
2. January 27, 2021 Minutes

Ontario International Airport $150

East Valley Water District $255.50 ("Paid per day of service", considered compensation). There is a proposed 5% increase in July

Big Bear Airport District $100?

Big Bear Community Services District $150

LAFCO for San Bernardino County $200

San Bernardino Valley Water Conservation District $290

San Bernardino County Transportation Authority (SBCTA) $100

	TO: San Bernardino International Airport Authority Commission **DATE: January 27, 2021** **ITEM NO: 7** **PRESENTER: Michael Burrows, Chief Executive Officer**

SUBJECT: PROPOSED COMMISSIONER FEE TO ENSURE FEES ARE COMMENSURATE AND ALIGNED WITH OTHER LOCAL AGENCIES

SUMMARY

Members of the San Bernardino International Airport Authority (SBIAA) Commission are eligible to receive a meeting stipend for each SBIAA meeting attended. The current meeting stipend of $150 has been in effect since July 1, 2016. Based on an analysis that includes consumer price index information for Riverside-San Bernardino-Ontario metropolitan statistical area and a survey of similar agencies, staff determined that a meeting stipend of $175 per meeting is appropriate.

RECOMMENDED ACTION(S)

Approve an increase of $25 to the board member meeting stipend from $150 to $175.

FISCAL IMPACT

Funding for the increased board member meeting stipend is included in the SBIAA Budget for FY 2020-21.

PREPARED BY:	Mark Cousineau
CERTIFIED AS TO AVAILABILITY OF FUNDS:	Mark Cousineau
APPROVED AS TO FORM AND LEGAL CONTENT:	Scott Huber
FINAL APPROVAL:	Michael Burrows

BACKGROUND INFORMATION

The San Bernardino International Airport Authority (SBIAA) Commission approved a $150 meeting stipend in the adopted SBIAA Budget for FY 2015-16. Members of the SBIAA Commission are eligible to receive a meeting stipend for each SBIAA meeting attended. Staff considered changes in cost of living and conducted peer agency comparisons in its analysis of the meeting stipend.

The changes in the consumer price index were determined from the Riverside-San Bernardino-Ontario metropolitan statistical area (December 2017 base year) and the Los Angeles-Long Beach-Anaheim metropolitan statistical area (1982-84 base year). The change in the purchasing power or cost-of-living from June 2015 to November 2020 was 22.4 percent, indicating a maximum change in the meeting stipend of $33.60 based on the consumer price index.

In addition to the consumer price index analysis, staff conducted surveys of eight similar agencies. The agencies surveyed were the Ontario International Airport, East Valley Water District, Big Bear Airport District, Big Bear Community Services District, LAFCO for San Bernardino County, San Bernardino Water Conservation District, and the San Bernardino County Transportation Authority (SBCTA). Meeting stipends ranged from a low of $100 to high of $225. The average and median meeting stipend was $150.

Based on the above, and the Agency's compensation philosophy that aims for competitive employee compensation in the upper-middle of market, staff determined that a meeting stipend of $175 per meeting is appropriate.

Attachments:

1. None.

SAN BERNARDINO INTERNATIONAL AIRPORT AUTHORITY

REGULAR MEETING COMMISSION ACTIONS

WEDNESDAY, JANUARY 27, 2021

3:00 P.M. (Closed Session, immediately followed by Open Session)

MAIN AUDITORIUM – Norton Regional Event Center (Via Teleconference)
1601 East Third Street, San Bernardino, CA

A regional joint powers authority dedicated to the reuse of Norton Air Force Base
for the economic benefit of the East Valley

Commission Members	
City of Colton	
Mayor Frank J. Navarro, President	Present (via Zoom)
Councilmember Dr. Luis S. Gonzalez (alt)	Present (via Zoom)
City of Loma Linda	
Councilmember Rhodes Rigsby	Present (via Zoom at 3:30PM)
Mayor Phillip Dupper (alt)	Absent
County of San Bernardino	
Supervisor Dawn Rowe	Present (via Zoom)
Supervisor Curt Hagman (alt)	Absent
City of San Bernardino	
Mayor John Valdivia	Present
Councilmember Juan Figueroa	Present (via Zoom)
Councilmember Fred Shorett (alt)	Present (via Zoom)
City of Highland	
Mayor Pro Tem Penny Lilburn	Present (via Zoom)
Mayor Larry McCallon (alt)	Present (via Zoom)
Staff Members and Others Present	
Michael Burrows, Chief Executive Officer (via Zoom)	Scott Huber, Counsel, Cole Huber, LLP (via Zoom)
Mark Gibbs, Director of Aviation	Mark Cousineau, Director of Finance
Catherine Pritchett, Director of Administration	Jennifer Farris, Assistant Secretary of the Commission
Nik Persson, Airport Manager	

The Regular Meeting of the San Bernardino International Airport Authority was called to order by President Frank Navarro at approximately 3:00 p.m. on Wednesday, January 27, 2021 via web /teleconference. Members of the Commission joined via web/teleconference utilizing the Zoom Meeting platform, pursuant to Executive Order N-29-20 issued by Governor Gavin Newsom on March 17, 2020 which allows elected officials to attend public meetings via teleconference. Staff Members and presenters attended in person in the Main Auditorium of the Norton Regional Event Center, 1601 East Third Street, San Bernardino, California while enforcing social distancing protocols.

A. CALL TO ORDER / ROLL CALL

Roll call was duly noted and recorded by voice.

Members of the Commission and staff joined Councilmember Fred Shorett in the Pledge of Allegiance.

Prior to recessing to closed session, Ms. Jennifer Farris, Assistant Secretary to the Commission, announced that the opportunity was given for members of the public to submit public comments via email by 1:00 p.m. prior to commencement of today's meeting and that none were received.

Additionally, there were no public comments submitted in person at the meeting.

B. CLOSED SESSION PUBLIC COMMENT

There was no closed session public comment.

C. CLOSED SESSION

President Frank Navarro recessed to closed session at 3:01 p.m. Mr. Scott Huber, Legal Counsel, Cole Huber, LLP, read the closed session items as posted on the Agenda.

Commission Members participated in closed session via Zoom meeting.

a. Conference with Legal Counsel pursuant to Government Code section 54956.9(d)(2), regarding significant exposure to litigation –

1. Center for Community Action, et al v. FAA, et al. Court of Appeals Docket # 20-70272 (consolidated with No. 20-70464); and

   State of California, et al v. FAA, et al Court of Appeals Docket # 20-70464

D. REPORT ON CLOSED SESSION

President Frank Navarro reconvened the meeting at 3:18 p.m. President Navarro asked Mr. Scott Huber, Legal Counsel, Cole Huber, LLP, if there were any reportable items. Mr. Huber reported that there were none.

E. ITEMS TO BE ADDED OR DELETED

There were no items to be added or deleted.

F. CONFLICT OF INTEREST DISCLOSURE

1. President Frank Navarro stated Commission members should note the item(s) listed which might require member abstentions.

   There were no conflicts noted.

G. INFORMATIONAL ITEMS

Mr. Michael Burrows, Chief Executive Officer, presented the following informational items:

2. Informational Items
   a. Chief Executive Officer's Report
   b. CAL/OSHA COVID-19 Prevention Program
   c. Incoming Commission Members
   d. Report on annual Airport Operations for Calendar Year 2020

2b. Ms. Catherine Pritchett, Director of Administration, provided a brief report on the Cal/OSHA COVID-19 Prevention Program.

2c. Mr. Michael Burrows, Chief Executive Officer, welcomed City of Colton Councilmember Dr. Luis Gonzalez and City of San Bernardino Councilmembers Juan Figueroa and Fred Shorett to the SBIAA Commission.

2d. Mr. Mark Gibbs, Director of Aviation, referenced an overhead entitled "2020 Operational Results" (as contained on pages 021-029 in the Agenda Packet) and provided a brief report on Airport Operations for Calendar Year 2020.

Mayor John Valdivia commended SBIAA Staff's efforts at growing operations at the Airport.

H. COMMISSION CONSENT ITEMS

Let the record reflect that all votes were done by roll call with each Commissioner's name and vote stated by voice in compliance with teleconference protocols.

Mayor Pro Tempore Penny Lilburn pulled Agenda Item No. 7 and requested it be considered separately from the remainder of the Consent Calendar.

The Commission considered items 3-6 and 8-14 first.

3. Register of Demands – December, 2020
4. Register of Demands – January 27, 2021
5. Receive and file Treasurer's Report for October 31, 2020 for the San Bernardino International Airport Authority (SBIAA)
6. Receive and file Treasurer's Report for November 30, 2020 for the San Bernardino International Airport Authority (SBIAA)
8. Authorize staff to issue a Request for Qualifications (RFQ) for conceptual engineering of a new Airport Solar Project
9. Award a construction contract to Jergensen Construction for Storm Water Retention Basin Repairs in an amount not to exceed $29,439.00, and appropriate a contingency amount of $2,944.00
10. Approve Amendment No. 1 to the professional services agreement with Aviatrix Communications in an amount not to exceed $30,000 for aircraft noise and outreach initiatives
11. Approve the declaration of two (2) out of service, decommissioned airport pieces of equipment as surplus property for the purpose of disposal
12. Approve award of a contract with Vector Airport Systems to provide automated billing and collection services of applicable landing fees at SBD International Airport
13. Report on Finance & Budget Committee
14. Approve Meeting Minutes: November 25, 2020

ACTION: Approve Agenda Item Nos. 3-6, 8-14

RESULT:	**ADOPTED [UNANIMOUSLY]**
MOTION/SECOND:	Valdivia / Rowe
AYES:	Figueroa, Lilburn, Navarro, Rigsby, Rowe, and Valdivia.
NAYS:	None.
ABSTENTIONS:	None.
ABSENT:	None.

The Commission next considered Agenda Item No. 7.

7. Proposed Commissioner fee to ensure fees are commensurate and aligned with other local agencies

Mayor Pro Tempore Penny Lilburn commented on the importance of transparency in discussion of increased stipends for Commission Members. President Frank Navarro and Supervisor Dawn Rowe were not in favor of the increase in Commission Member stipends.

Mr. Michael Burrows, Chief Executive Officer, reiterated that an increase in stipend fees was at the discretion of the Commission.

ACTION: Approve an increase of $25 to the board member meeting stipend from $150 to $175.

RESULT:	**MOTION FAILED**
MOTION/SECOND:	Valdivia / Rigsby
AYES:	Figueroa, Rigsby, and Valdivia.
NAYS:	Lilburn, Navarro, and Rowe.
ABSTENTIONS:	None.
ABSENT:	None.

I. COMMISSION ACTION ITEMS

Let the record reflect that all votes were done by roll call with each Commissioner's name and vote stated by voice in compliance with teleconference protocols.

8. Adopt Resolution of the San Bernardino International Airport Authority in recognition of the services of the City of San Bernardino

On behalf of the SBIAA Commission, Mayor John Valdivia, proudly presented a resolution in recognition of services to Councilmember Henry Nickel.

ACTION: Adopt Resolution of the San Bernardino International Airport Authority (SBIAA) in recognition of the service of the City of San Bernardino: Councilmember Henry Nickel.

9. Receive and file the Annual Independent Financial Audit Report of the San Bernardino International Airport Authority (SBIAA) Commission for the Fiscal Year ending June 30, 2020

Mr. Mark Cousineau, Director of Finance, introduced Brad Welebir and Veronica Hernandez of Rogers, Anderson, Malody, and Scott, LLP, who were in attendance via Zoom. Ms. Hernandez referenced an overhead entitled "Annual Audit Fiscal Year Ended June 30, 2020" and provided a brief summary of the annual audit report. Ms. Hernandez explained that the audit report resulted in an unmodified opinion, meaning the authority's financial statements are in conformity with accounting principles generally accepted in the United States.

This item was for receive and file and no action was taken.

ACTION: Receive and file the Annual Independent Audit Report of the San Bernardino International Airport Authority (SBIAA) for the Fiscal Year ending June 30, 2020; and authorize the Director of Finance to submit these reports to the appropriate agencies.

10. Consider and adopt proposed budget adjustments for Fiscal Year 2020-2021

Mr. Mark Cousineau, Director of Finance, provided a summary on budget adjustments referenced in the "Proposed Budget Adjustments Table" found on page 138 of the Agenda Packet.

ACTION: Consider and adopt budget adjustments reflected in the Proposed Budget Adjustment Table for Fiscal Year 2020-2021.

RESULT:	**ADOPTED [UNANIMOUSLY]**
MOTION/SECOND:	Valdivia / Figueroa
AYES:	Figueroa, Lilburn, Navarro, Rigsby, Rowe, and Valdivia.
NAYS:	None.
ABSTENTIONS:	None.
ABSENT:	None.

11. Consider and Discuss the SBD Good Neighbor Program quarterly report

Mr. Mark Gibbs, Director of Aviation, introduced Ms. Rosemary Barnes of Aviatrix Communications who was in attendance via Zoom. Ms. Barnes referenced a PowerPoint presentation entitled "SBD International Airport: Quarterly Report January 2021" (as contained on pages 141-165 in the Agenda Packet) and provided a brief report on Agenda Item No. 18.

This item was for discussion purposes only; no formal action was taken.

ACTION: Consider and discuss the SBD Good Neighbor Program quarterly report.

12. Review Status of the Action Plan for the San Bernardino International Airport Authority (SBIAA) through June 30, 2021

Mr. Michael Burrows, Chief Executive Officer, referenced a PowerPoint presentation entitled "June, 2021 –Airport Focal Areas" (as contained on pages 168-170 in the Agenda Packet) and provided a brief report on Agenda Item No. 19.

This item was for discussion purposes only; no formal action was taken.

ACTION: Review the Action Plan for the San Bernardino International Airport Authority through June 30, 2021.

J. ADDED AND DEFERRED ITEMS

There were no added or deferred items.

K. OPEN SESSION PUBLIC COMMENT

At the beginning of the meeting, Ms. Jennifer Farris, Assistant Secretary to the Commission announced that the opportunity was given for members of the public to submit public comments via email by 1:00 p.m. prior to commencement of today's meeting and that none were received.

Additionally, there were no public comments submitted in person at the meeting.

L. COMMISSION MEMBER COMMENT

There were no commission member comments.

M. ADJOURNMENT

There being no further business before the Commission, President Frank Navarro declared the meeting adjourned at 4:03 p.m.

Approved at a Regular Meeting of the San Bernardino International Airport Authority on Wednesday, February 24, 2021.

Jennifer Farris
Assistant Secretary of the Commission

	TO: San Bernardino International Airport Authority Commission **DATE: May 27, 2026** **ITEM NO: 14** **PRESENTER: Mark Gibbs, Director of Aviation**

SUBJECT: **APPROVE AWARD OF A CONSTRUCTION CONTRACT WITH CT&T CONCRETE PAVING INC. IN AN AMOUNT NOT TO EXCEED $2,031,042 FOR THE RECONSTRUCT NORTH AIRCRAFT RAMP PROJECT; SUBJECT TO FINAL GRANT AWARD BY THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL AVIATION ADMINISTRATION (FAA)**

SUMMARY

The Reconstruct North Aircraft Ramp Project involves reconstruction of approximately 400' x 75' section of ramp located near the northwest end of Taxiway E. Construction activities include removal of existing pavement, excavation and subgrade, compaction of aggregate base material, construction of stabilized base course, Portland Cement Concrete pavement, hot mix asphalt, concrete pavement joint resealing, removal and application of pavement markings. Aircraft taxi routes in the vicinity of the project will be temporarily relocated to accommodate construction and minimize operational impact to aircraft on the ramp. This project is subject to a final grant from the federal Infrastructure Investment and Jobs Act (IIJA) administered by the FAA through the Airport Improvement Program (AIP).

RECOMMENDED ACTION(S)

Approve the award of a construction contract with CT&T Concrete Paving Inc. in an amount not to exceed $2,031,042 subject to final grant award from the FAA; and authorize the Chief Executive Officer to execute all related documents.

FISCAL IMPACT

None. Funding for this construction contract is included in the San Bernardino International Airport Authority (SBIAA) Fiscal Year 2025-26 Budget as a Capital Improvement Project, Project Number FAAs2601 – North Ramp Reconstruction for $3,580,000 of which $2,031,042 will be allocated to this contract upon the FAA's final grant award.

PREPARED BY:	Mark Gibbs
CERTIFIED AS TO AVAILABILITY OF FUNDS:	Mark Cousineau
APPROVED AS TO FORM AND LEGAL CONTENT:	
FINAL APPROVAL:	

BACKGROUND INFORMATION

On January 28, 2026 the San Bernardino International Airport Authority (SBIAA) Commission authorized Staff to advertise and solicit construction bids for this project. Project plans and specifications were publicly advertised in accordance with SBIAA Policies and Procedures, and FAA procurement requirements. Five (5) qualified contractors submitted sealed bids on April 29, 2026, of which CT&T Concrete Paving Inc. submitted the most competitive bid proposal for this project.

Subject to final grant award from the FAA, 90% of the project cost would be funded from an IIJA grant through AIP, the remaining 10% would be funded by SBIAA.

Staff requests the SBIAA Commission award a construction contract to CT&T Concrete Paving Inc. in the amount of $2,031,042, subject to a final grant award from the FAA.

Five (5) sealed bids were received from contractors, with the full project cost identified below:

- CT&T Concrete Paving Inc. $2,031,042
- Jergensen Construction Inc. $2,300,789
- Granite Construction Company $2,372,987
- Gentry General Engineering Inc. $3,146,877
- Sully-Miller contracting Company $3,583,464

SBIAA's standard Construction Contract will be utilized for these services.

Staff recommends the Commission approve the above actions.

Attachments:

1. Project Site Map

LEGEND

- Haul Route
- A — Taxiway Designation
- Staging Area
- Ramp Reconstruction
- Area of Potential Effect (APE) - 1.7ac*

**Acreage is approximate and intended for planning uses only.*

N

0 200

Google Earth: 3/2025

APE

1" = 2,000'

Ramp Reconstruction

E

C

Exhibit **1**
PROPOSED PROJECT

	TO: San Bernardino International Airport Authority Commission **DATE: May 27, 2026** **ITEM NO: 15** **PRESENTER: Mark Gibbs, Director of Aviation**

SUBJECT: **APPROVE AWARD OF A PROFESSIONAL SERVICES AGREEMENT WITH AECOM TECHNICAL SERVICES, INC. IN AN AMOUNT NOT TO EXCEED $525,089 FOR THE RECONSTRUCT NORTH AIRCRAFT RAMP PROJECT; SUBJECT TO FINAL GRANT AWARD BY THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL AVIATION ADMINISTRATION (FAA)**

SUMMARY

The proposed agreement with AECOM Technical Services, Inc. (AECOM) would provide construction management services for the Reconstruct North Aircraft Ramp Project. AECOM would provide day-to-day construction management services, review and respond to contractor submittals, coordinate project work, and submit all necessary documentation to the FAA. This agreement is subject to a final grant award from the federal Infrastructure Investment and Jobs Act (IIJA) administered by the FAA through the Airport Improvement Program (AIP).

RECOMMENDED ACTION(S)

Approve the award of a Professional Services Agreement with AECOM Technical Services, Inc. for construction management services for the Reconstruct North Aircraft Ramp Project in an amount not to exceed $525,089 subject to final grant award from the FAA; and authorize the Chief Executive Officer to execute all related documents subject to technical and conforming changes as approved by legal counsel.

FISCAL IMPACT

None. Funding for this construction contract is included in the San Bernardino International Airport Authority (SBIAA) Fiscal Year 2025-26 Budget as a Capital Improvement Project, Project Number FAAs2601 – North Ramp Reconstruction for $3,580,000 of which $525,089 will be allocated to this agreement upon the FAA's final grant award.

PREPARED BY:	Mark Gibbs
CERTIFIED AS TO AVAILABILITY OF FUNDS:	Mark Cousineau
APPROVED AS TO FORM AND LEGAL CONTENT:	
FINAL APPROVAL:	

BACKGROUND INFORMATION

On February 28, 2024, the SBIAA Commission authorized Staff to solicit statements of qualifications (SOQs) from qualified firms to provide professional services for AIP development projects over a five-year period. The bid notice for this solicitation was advertised in newspapers of general circulation that included: San Bernardino County Sun, Riverside Press Enterprise, the El Chicano, and the Black Voice on multiple dates for each newspaper. The bid notice was posted to the agency website and sent to six (6) specialized airport engineering design firms specializing in airport projects funded through AIP, and known to provide the requested services. On July 18, 2024, two (2) proposals were received by the Assistant Secretary of the Commission from this solicitation. In accordance with FAA procurement requirements for AIP funded professional services agreements, SOQ's were competitively rated, and AECOM was determined to be the highest rated firm.

As required by the FAA for professional services procurements, an Independent Fee Estimate (IFE) was performed by a separate third-party neutral firm familiar with this type of work to analyze the project scope and fee amount. The resulting IFE was used to evaluate AECOM's fee for services and resulted in an amount consistent with the IFE's determination of an appropriate fee and scope of services to complete this project. Up to ninety percent (90%) of this professional services agreement cost is reimbursable by the FAA through AIP, the remaining ten percent (10%) would be funded by SBIAA.

As the highest rated firm from the SOQ solicitation, AECOM was selected to provide professional construction management services for this airfield development project in accordance with FAA professional services procurement procedures. Future airfield development projects that were included in the RFQ solicitation will each undergo the IFE process to ensure fair and reasonable project scopes and fee for services.

Staff recommends the Commission approve the above actions.

Attachments:

1. Form of Professional Services Agreement

SAN BERNARDINO INTERNATIONAL AIRPORT AUTHORITY

AGREEMENT FOR PROFESSIONAL SERVICES

AECOM Technical Services, Inc.

Reconstruct North Aircraft Ramp – CM Services

This AGREEMENT FOR PROFESSIONAL SERVICES (the "Agreement" or "Contract") is made and entered into as of **_____, 2026** by and between the **SAN BERNARDINO INTERNATIONAL AIRPORT AUTHORITY** ("SBIAA"), a joint powers authority created pursuant to Government Code Sections 6500, et seq., and **AECOM Technical Services, Inc.** (the "Consultant"). SBIAA and the Consultant are jointly the "Parties," and each entity is separately a "Party," to this Agreement.

NOW, THEREFORE, in consideration of the mutual promises contained in this Agreement and for other good and valuable consideration, the receipt of which is acknowledged, the parties agree, as follows:

1. SUPERVISION OF CONSULTANT. The SBIAA staff personnel identified in Exhibit "B," shall be responsible for the supervision of any work to be performed by the Consultant or by any other consultants, subcontractors, or sub consultants retained by the Consultant to perform work for the SBIAA under this Agreement. The work to be performed by the Consultant is set forth in the Scope of Services attached to this Agreement as Exhibit "A" and incorporated herein by this reference. SBIAA reserves the right to approve or disapprove the Consultant's selection of any or all: employees; agents; contractors, subcontractors; and sub consultants to be used by the Consultant in the fulfillment of Scope of Services, during the term of this Agreement. The Consultant shall not undertake any work under the terms of this Agreement, unless authorized to do so by one of the SBIAA staff personnel identified in Exhibit "B." SBIAA staff personnel that are not identified in Exhibit "B" are not authorized to request services from the Consultant.

2. TERM OF AGREEMENT. The term of this Agreement shall commence on the date first appearing in this Agreement and will terminate on **June 1, 2027** or upon the completion of the work described in the Scope of Services, whichever occurs first, unless earlier terminated, as provided in this Agreement.

3. SCOPE OF CONSULTANT SERVICES. The SBIAA retains the Consultant to provide the professional services, or work, set forth in the Scope of Services. The Consultant agrees to perform the work set forth in the Scope of Services attached to this agreement as Exhibit "A" and incorporated into this Agreement by this reference. Consultant also agrees to adhere to the schedule depicted in Exhibit "A" and incorporated into this Agreement by reference. Additionally, the Consultant shall ensure that its primary contact person, or designee for its performance of such work, shall be available to the SBIAA staff via electronic communication

(such as email, pager, cell phone, or telephone) on a 24-hour per day basis during the Term of this Agreement.

4. PAYMENT BY SBIAA FOR WORK PERFORMED BY CONSULTANT.

A. The SBIAA shall compensate the Consultant for the performance of the work as described in the "Scope of Services and Fees", Exhibit "A", in an amount not-to-exceed **$525,089** as detailed in Exhibit A.

B. The compensation designated in Section 4.A shall be the "Total Fee" for the performance of the work and the delivery of the final work product materials, as set forth in the "Scope of Services". The Total Fee shall include, but not be limited to, the salaries of all subcontractors retained by the Consultant to perform work pursuant to this Agreement and shall be inclusive of all costs and expenses incurred for mileage, travel, graphics, telephone, printing, fax transmission, postage, copies and such other expenses related to completion of these tasks as set forth in the "Scope of Services".

C. The Consultant shall invoice the SBIAA for work performed by the Consultant, as set forth in the "Scope of Services", Exhibit "A", each calendar month on a percentage completed basis during the term of the project. SBIAA shall pay all undisputed portions of Consultant's invoices within thirty (30) days of receipt.

D. Each invoice of the Consultant shall clearly set forth the names of the individual personnel of the Consultant and any individual subconsultants or subcontractors utilized by the Consultant, during the time period covered by the invoice, a detailed description of the professional services rendered by each named individual during such time period, the respective hourly rates of each named individual and the actual time expended by each named individual. Each invoice of the Consultant shall be accompanied by copies of all third-party invoices for other direct costs incurred by the Consultant during such time period and payment releases from subcontractors retained by Consultant for all such work performed by subcontractors thirty (30) days preceding the date of the invoice.

E. Other services which the SBIAA may in its discretion request the Consultant to perform in writing which are not covered within the Scope of Services shall be paid for by the SBIAA at the applicable hourly rate schedule and cost and expense schedules for such work as set forth in Exhibit "A".

F. The Consultant shall submit invoices for processing and payment by the SBIAA under this Agreement to:

San Bernardino International Airport Authority
Attention: Director of Development
1601 East Third Street, Suite 100
San Bernardino, California 92408

5. NOTICE TO PROCEED. Upon execution of this Agreement, at the sole discretion of the SBIAA, the SBIAA will issue a written Notice to Proceed to the Consultant as a formal means to engage the Consultant to perform the specific work required accomplish the "Scope of Services" described in Section 3. Consultant shall not commence the performance of any work described above until provided a written Notice to Proceed from the SBIAA authorizing said work.

6. RECORDS RETENTION. All records, maps, photographs, field notes, data, information, specifications, computations, certified payroll records, correspondence or other documents generated by or on behalf of the Consultant for performance of the work set forth in the "Scope of Services", supporting documents, and all other records pertaining to the use of funds paid to the Consultant under this Agreement shall be retained by the Consultant at the San Bernardino International Airport during the performance of the "Scope of Services". Upon the completion of the "Scope of Services", the Consultant shall surrender all said documents to the SBIAA.

7. INDEMNIFICATION AND DEFENSE.

A. Consultant shall defend, indemnify and hold harmless the SBIAA, its members, officers, employees, representatives, attorneys and agents from and against any and all actions, suits, appeals, proceedings, claims, demands, losses, costs, and expenses, including legal costs and attorney fees, to the extent arising from the willful or negligent acts or omissions of the Consultant, its officers, employees, subcontractors, subconsultants and agents, in the performance of work under the Scope of Services. This indemnification obligation of Consultant shall not apply to the extent that any such action, suit, proceeding, claim, demand, loss, cost, or expense is determined by a court of competent jurisdiction to be caused by the willful conduct or negligence of the SBIAA, its officers or employees.

B. Consultant shall also defend the SBIAA, its members, officers, employees, representatives, attorneys, and agents from and against any and all actions, suits, appeals, proceedings, claims, demands, losses, costs, and expenses, including legal costs and attorney fees, arising from the performance of the Consultant under this Agreement, including but not limited to acts or omissions normally covered by comprehensive, general or automobile liability insurance.

C. The indemnification provided by the Consultant may not be construed or interpreted as in any way restricting, limiting, or modifying Consultant's insurance obligations or other obligations under this Agreement and is independent of the such insurance obligations and other obligations. Compliance by the Consultant with the insurance requirements and other obligations under this Agreement shall not in any way restrict, limit, or modify its indemnification obligations under this Agreement.

D. SBIAA shall be entitled to recover its reasonable attorney fees and court costs incurred in enforcing these indemnification clauses.

E. These indemnification clauses shall survive the expiration or earlier termination of this Agreement until all claims against SBIAA involving any of the indemnified matters are fully, finally, and absolutely barred by applicable statutes of limitations.

F. The insurance required or carried by Consultant under the provisions of Section 8 of this Agreement shall not be deemed to limit the Consultant's duty of indemnity and defense which arises under this Section 7.

8. INSURANCE. The Consultant shall maintain insurance coverage as set forth in this Section 8 throughout the term of this Agreement. The Consultant shall maintain insurance policies issued by an insurance company or companies authorized or approved to do business in the State of California and that maintain during the term of the policy a "General Policyholder's Rating" of at least A(v), as set forth in the then most current edition of "Best's Insurance Guide," as follows:

A. The Consultant, and each of its subcontractors, shall maintain comprehensive automobile liability insurance of not less than $5,000,000 combined single limit per occurrence for each vehicle leased or owned by the Consultant or its subcontractors and used in performing work under this Agreement.

B. The Consultant, and each of its subcontractors, shall maintain Workers' Compensation insurance or a state-approved Self-Insurance Program in an amount and form to meet all applicable requirements of the Labor Code of the State of California, including Employer's Liability with $1,000,000 limits, covering all persons providing services and all risks to such persons under this Contract.

C. The Consultant shall maintain an insurance policy covering liability for errors and omissions of the Consultant in performing the Scope of Services in an amount of not less than $5,000,000 per claim and in the aggregate.

D. Consultant shall maintain liability insurance written on an "occurrence" policy form, covering personal and bodily injury, death, and property damage, arising out of or relating to services provided by Consultant under this Agreement, with single limit coverage of at least $5,000,000 per occurrence with an aggregate limit of at least $5,000,000. Such policy of liability insurance shall name the SBIAA its officers, officials, employees, and agents as additional insureds and such liability insurance policy shall not contain any intra-insured exclusions as between insured persons or organizations. The liability coverage shall include all coverage typically provided by a Broad Form Comprehensive General Liability Endorsement and shall further include contractual liability coverage.

E. Concurrent with the execution of this Agreement and prior to the commencement of any work by the Consultant, the Consultant shall deliver to the SBIAA certificates evidencing the existence of the insurance coverage required by this Agreement, which coverage shall remain in full force and effect continuously throughout the term of this Agreement. Each policy of insurance, except workers compensation insurance and errors and omissions insurance, that Consultant purchases in satisfaction of the insurance requirements of this Agreement, shall name the SBIAA as an additional insured. Additionally, each policy of insurance that Consultant purchases in satisfaction of the insurance requirements of this Agreement shall provide that the policy may not be cancelled, terminated, or modified in scope of coverage as it applies to the services to be provided by Consultant under this Agreement, except upon thirty (30) days prior written notice to the SBIAA.

F. Consultant shall be the first or primary named insured under each insurance policy.

G. Consultant's liability insurance policy (ies) shall be endorsed as needed to provide cross-liability coverage for Consultant and SBIAA and to provide severability of interests.

H. Consultant's liability policy(ies) shall be endorsed as needed to provide that the insurance afforded by those policies to the additional insured is primary and that all insurance carried by SBIAA is strictly excess and secondary and shall not contribute with Consultant's liability insurance.

I. The coverage afforded to SBIAA as an additional insured under Consultant's liability insurance policy(ies) must be at least as broad as that afforded to the Consultant and may not contain any terms, conditions, exclusions, or limitations applicable to SBIAA that do not apply to the Consultant.

J. Consultant's liability insurance coverage may be provided by a combination of primary, excess, and umbrella policies, but those policies must be absolutely concurrent in all respects regarding the coverage afforded by the policies. The coverage of any excess or umbrella policy must be at least as broad as the coverage of the primary policy.

K. The insurance requirements set forth above are independent of Consultant's exculpation, indemnification, and other obligations under this Agreement and shall not be construed or interpreted in any way to restrict, limit, or modify those exculpation, indemnification, or other obligations or to limit the Consultant's liability under this Agreement.

L. Except for Professional Liability Insurance for Errors and Omissions Coverage, the consultant agrees to cause the insurance companies issuing their respective insurance to waive any subrogation rights that those companies may have against SBIAA (their additional insured). If the waivers of subrogation are not contained in the insurance policies,

Consultant waives any right it may have against SBIAA on account of any loss or damage to the extent that the loss or damage is insured under their respective insurance policies.

9. OWNERSHIP AND REUSE OF DOCUMENTS AND OTHER MATERIALS AND INFORMATION. All maps, photographs, data, information, reports, drawings, specifications, computations, notes, renderings, correspondence or other documents generated by or on behalf of the Consultant for performance of the work set forth in the Scope of Services shall not be subject to copyright in the United States or any other country, and will be available for examination by the public, and shall be the property of SBIAA, as of the time of their preparation and upon payment by the SBIAA, and shall be delivered to SBIAA upon written request to the Consultant.

10. PRESS RELEASES. Press or news releases, including photographs or public announcements, or confirmation of the same related to the work to be performed by the Consultant under this Agreement shall only be made by the Consultant with the prior written consent of the SBIAA.

11. CONFIDENTIALITY OF MATERIALS AND INFORMATION. The Consultant shall keep confidential all reports, notes, observations, information, and data acquired or generated in performance of the work set forth in the Scope of Services, all of which SBIAA deems to be confidential. None of such confidential materials or information may be made available to any person or entity, public or private, without prior written consent of SBIAA.

12. DEFAULT AND REMEDIES.

A. Either party may terminate this Agreement for cause if the other party fails to fulfill its obligations that are essential to the completion of the work per the terms and conditions of the Agreement. The party initiating the termination action must allow the breaching party an opportunity to dispute or cure the breach.

B. The terminating party must provide the breaching party seven (7) days advance written notice of its intent to terminate the Agreement. The notice must specify the nature and extent of the breach, the conditions necessary to cure the breach, and the effective date of the termination action. The rights and remedies in this clause are in addition to any other rights and remedies provided by law or under this Agreement.

C. The SBIAA may terminate this Agreement in whole or in part, for the failure of the Consultant to:

1. Perform the services within the time specified in this contract or by SBIAA approved extension;

2. Make adequate progress so as to endanger satisfactory performance of the Project; or

3. Fulfill the obligations of the Agreement that are essential to the completion of the Project.

D. Upon receipt of the notice of termination, the Consultant must immediately discontinue all services affected unless the notice directs otherwise. Upon termination of the Agreement, the Consultant must deliver to SBIAA all data, surveys, models, drawings, specifications, reports, maps, photographs, estimates, summaries, and other documents and materials prepared by or for Consultant under this Agreement, whether complete or partially complete.

E. SBIAA agrees to make just and equitable compensation to the Consultant for satisfactory work completed up through the date the Consultant receives the termination notice. Compensation will not include anticipated profit on non-performed services.

F. SBIAA further agrees to hold Consultant harmless for errors or omissions in documents that are incomplete as a result of the termination action under this clause.

G. If, after finalization of the termination action, SBIAA determines the Consultant was not in default of the Agreement, the rights and obligations of the parties shall be the same as if the SBIAA issued the termination for the convenience of SBIAA.

H. The Consultant may terminate this Agreement in whole or in part, if SBIAA:

1. Defaults on its obligations under this Agreement;

2. Fails to make payment to the Consultant in accordance with the terms of this Agreement;

3. Suspends the Project for more than 180 days due to reasons beyond the control of the Consultant.

I. Upon receipt of a notice of termination from the Consultant, SBIAA agrees to cooperate with Consultant for the purpose of terminating this Agreement or portion thereof, by mutual consent. If SBIAA and Consultant cannot reach mutual agreement on the termination settlement, the Consultant may, without prejudice to any rights and remedies it may have, proceed with terminating all or parts of this Agreement based upon the SBIAA's breach of the contract.

J. In the event of termination due to SBIAA's breach, the Consultant is entitled to invoice SBIAA and to receive full payment for all services performed or furnished in accordance with this Agreement and all justified reimbursable expenses incurred by the Consultant through the effective date of termination action. SBIAA agrees to hold Consultant harmless for errors or omissions in documents that are incomplete as a result of the termination action under this clause.

K. In no event shall either Party be liable to the other for any indirect, special, or consequential damage regardless of whether such claim of liability arises in contract or in tort.

13. TERMINATION OF AGREEMENT FOR CONVENIENCE.

A. SBIAA may, by written notice to the Consultant, terminate this Agreement for its convenience and without cause or default on the part of Consultant. Upon receipt of the notice of termination, except as explicitly directed by the SBIAA, the Consultant must immediately discontinue all services affected.

B. Upon termination of the Agreement the Consultant must deliver to SBIAA all data, surveys, models, drawings, specifications, reports, maps, photographs, estimates, summaries, and other documents and materials prepared by or for Consultant under this contract, whether complete or partially complete.

C. SBIAA agrees to make just and equitable compensation to the Consultant for satisfactory work completed up through the date the Consultant receives the termination notice. Compensation will not include anticipated profit on non-performed services.

D. SBIAA further agrees to hold Consultant harmless for errors or omissions in documents that are incomplete as a result of the termination action under this clause.

14. NOTICES. All notices shall be in writing. Notices shall be presented in person or by certified or registered United States Mail, return receipt requested, postage prepaid or by overnight delivery by a nationally recognized delivery service to the addresses set forth below. Notice presented by mail shall be deemed effective on the third business day following the deposit of the notice with the United States Postal Service. This Section 14 shall not prevent the Parties from giving notice by personal service or telephonically verified fax transmission, which shall be deemed effective upon actual receipt of such personal service or telephonic verification. Either Party may change its address for receipt of written notice by notifying the other Party in writing of a new address for delivering notice to such Party.

CONSULTANT: AECOM Technical Services, Inc.
Attn: Matt Ulukaya
999 W Town and Country Road
Orange, CA 92868

SBIAA: San Bernardino International Airport Authority
Attention: Chief Executive Officer
1601 East Third Street, Suite 100
San Bernardino, CA 92408

15. COMPLIANCE WITH THE LAW. Notwithstanding any contrary provision in any exhibit to this Agreement, Consultant shall comply with all local, state, and federal laws, including, but not limited to, environmental acts, rules and regulations applicable to the work to be performed by the Consultant under this Agreement. Consultant shall maintain all necessary licenses and registrations for the lawful performance of the work required of the Consultant under this Agreement.

16. CONSULTANTS AND EACH SUBCONTRACTOR ARE INDEPENDENT CONTRACTORS. The Consultant shall at all times during the performance of any work described in the Scope of Services, or when providing other services to SBIAA, be deemed to be an independent contractor. Neither the Consultant nor any of its subcontractors shall at any time or in any manner represent that it or any of its employees are employees of the SBIAA or any member agency of the SBIAA. The SBIAA shall not be requested or ordered to assume any liability or expense for the direct payment of any salary, wage or benefit to any person employed by Consultant or its subcontractors to perform any item of work or services.

17. SEVERABILITY. Each section of this Agreement shall be construed as a separate and independent covenant and agreement. If any term or provision of this Agreement or its application to certain circumstances shall be declared invalid or unenforceable, the remainder of this Agreement, or the application of such term or provision to circumstances other than those to which it is declared invalid or unenforceable, shall not be affected, and each term and provision of this Agreement shall be valid and enforceable to the fullest extent permitted by law.

18. ENTIRE AGREEMENT. This Agreement constitutes the entire agreement between the Parties. This Agreement supersedes all prior negotiation, discussions and agreements between the Parties concerning the subject matters covered in it. The Parties intend this Agreement to be the final expression of their agreement with respect to the subjects covered in it, and that it is a complete and exclusive statement of such terms.

19. AMENDMENT OR MODIFICATION. This Agreement may only be modified or amended by a document that is duly approved and executed by each of the Parties. Any such modification or amendment shall be valid, binding and legally enforceable only if in written form and executed by both Parties, following all necessary approvals and authorizations for such execution.

20. GOVERNING LAW AND CHOICE OF VENUE. This Agreement shall be governed by the laws of California. Any legal action arising from or related to this Agreement shall be brought in the Superior Court of California in and for the County of San Bernardino or in the United States District Court, Central District of California.

21. NON-WAIVER. Failure of either Party to enforce any provision of this Agreement shall not constitute a waiver of the right to compel enforcement of the same provision or any remaining provisions of this Agreement.

22. ASSIGNMENT. This Agreement may not be assigned by the Consultant without the prior written consent of the SBIAA.

23. REPRESENTATIONS OF PERSONS EXECUTING AGREEMENT. The persons executing this Agreement warrants that they are duly authorized to execute this Agreement on behalf of and bind the Party each purport to represent.

24. EXECUTION IN COUNTERPARTS. This Agreement may be executed in one or more counterparts, each of which will constitute a duplicate original.

25. EFFECTIVENESS OF AGREEMENT AS TO THE SBIAA. This Agreement shall not be binding on the SBIAA, until approved by the governing board of the SBIAA and signed by an authorized representative of the Consultant, approved as to form by SBIAA counsel, and executed by the authorized representatives of SBIAA.

26. CONFLICTS OF INTEREST.

A. Consultant represents that it has no interests adverse to the SBIAA or its individual member entities, at the time of execution of this Agreement. Consultant agrees that, during the term of this Agreement, the Consultant shall not enter into any agreement or acquire any interests detrimental or adverse to the SBIAA or its individual member entities.

B. Additionally, Consultant represents and warrants to SBIAA that Consultant and any partnerships, individual persons or any other party or parties comprising Consultant, together with each subcontractor that may be retained to perform services pursuant to this Agreement, do not have and, during the term of this Agreement, shall not acquire any property ownership interest, business interests, professional employment relationships, contractual

relationships of any nature or any other financial arrangements relating to the SBIAA, property over which the SBIAA has jurisdiction or any members or staff of the SBIAA that have not been previously disclosed in writing to SBIAA, and that any such property ownership interests, business interests, professional employment relationships, contractual relationships or any nature or any other financial arrangements will not adversely affect the ability of the Consultant to perform the services to SBIAA as set forth in this Agreement.

27. NON-EXCLUSIVITY. This Agreement shall not create an exclusive relationship between the SBIAA and the Consultant for the services set forth in Exhibit "A" or any similar or related services. The SBIAA may, during the term of this Agreement, contract with other consultants for the performance of the same, similar, or related services as those that may be performed by the Consultant under this Agreement. This Agreement only sets forth the terms upon which any such services will be provided to the SBIAA by the Consultant, as set forth in this Agreement.

28. AIRPORT AND AIRWAY IMPROVEMENT ACT OF 1982, SECTION 520 - GENERAL CIVIL RIGHTS PROVISIONS. The Contractor agrees to comply with pertinent statutes, Executive Orders, and such rules as are promulgated to ensure that no person shall, on the grounds of race, creed, color, national origin, sex, age, or disability be excluded from participating in any activity conducted with or benefiting from Federal assistance.

(a) This provision binds the Contractor and subcontractors from the bid solicitation period through the completion of the contract. This provision is in addition to that required by Title VI of the Civil Rights Act of 1964.

29. ACCESS TO RECORDS AND REPORTS. The Consultant must maintain an acceptable cost accounting system. The Consultant agrees to provide the SBIAA, the Federal Aviation Administration and the Comptroller General of the United States or any of their duly authorized representatives access to any books, documents, papers, and records of the Consultant which are directly pertinent to the specific Contract for the purpose of making audit, examination, excerpts and transcriptions. The Consultant agrees to maintain all books, records and reports required under this Contract for a period of not less than three years after final payment is made and all pending matters are closed.

30. COPELAND "ANTI-KICKBACK" ACT. Consultant must comply with the requirements of the Copeland "Anti-Kickback" Act (18 USC 874 and 40 USC 3145), as supplemented by Department of Labor regulation 29 CFR part 3. Consultant and subcontractors are prohibited from inducing, by any means, any person employed on the project to give up any part of the compensation to which the employee is entitled. The Consultant and each subcontractor must submit to the SBIAA, a weekly statement on the wages paid to each

employee performing on covered work during the prior week. SBIAA must report any violations of the Act to the Federal Aviation Administration.

31. <u>CERTIFICATION OF OFFEROR/BIDDER REGARDING TAX DELINQUENCY AND FELONY CONVICTIONS</u>. The applicant must complete the following two certification statements. The applicant must indicate its current status as it relates to tax delinquency and felony conviction by inserting a checkmark (✓) in the space following the applicable response. The applicant agrees that, if awarded a contract resulting from this solicitation, it will incorporate this provision for certification in all lower tier subcontracts.

(a) **The applicant represents that it is ( ) is not ( ) a corporation that has any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability.**

(b) **The applicant represents that is ( ) is not ( ) a corporation that was convicted of a criminal violation under any Federal law within the preceding 24 months.**

(c) **If Consultant responds in the affirmative to either of the above representations, the applicant is ineligible to receive an award unless the SBIAA has received notification from the agency suspension and debarment official (SDO) that the SDO has considered suspension or debarment and determined that further action is not required to protect the Government's interests. The Consultant therefore must provide information about its tax liability or conviction to the SBIAA, who will then notify the FAA Airports District Office, which will then notify the agency's SDO to facilitate completion of the required considerations before award decisions are made.**

Term Definitions:

Felony conviction: Felony conviction means a conviction within the preceding twenty-four (24) months of a felony criminal violation under any Federal law and includes conviction of an offense defined in a section of the U.S. Code that specifically classifies the offense as a felony and conviction of an offense that is classified as a felony under 18 USC § 3559.

Tax Delinquency: A tax delinquency is any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted, or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability.

32. ENERGY CONSERVATION REQUIREMENTS. The Consultant and all subcontractors agree to comply with mandatory standards and policies relating to energy efficiency that are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (42 USC 6201*et seq*).

33. FEDERAL FAIR LABOR STANDARDS ACT (FEDERAL MINIMUM WAGE). All contracts and subcontracts that result from this solicitation incorporate by reference the provisions of 29 CFR part 201, et seq, the Federal Fair Labor Standards Act (FLSA), with the same force and effect as if given in full text. The FLSA sets minimum wage, overtime pay, recordkeeping, and child labor standards for full and part-time workers.

(a) The Consultant has full responsibility to monitor compliance to the referenced statute or regulation. The Consultant must address any claims or disputes that arise from this requirement directly with the U.S. Department of Labor – Wage and Hour Division.

34. OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970. All contracts and subcontracts that result from this solicitation incorporate by reference the requirements of 29 CFR Part 1910 with the same force and effect as if given in full text. The employer must provide a work environment that is free from recognized hazards that may cause death or serious physical harm to the employee. The employer retains full responsibility to monitor its compliance and their subcontractor's compliance with the applicable requirements of the Occupational Safety and Health Act of 1970 (29 CFR Part 1910). The employer must address any claims or disputes that pertain to a referenced requirement directly with the U.S. Department of Labor – Occupational Safety and Health Administration.

35. TEXTING WHEN DRIVING. In accordance with Executive Order 13513, "Federal Leadership on Reducing Text Messaging While Driving" (10/1/2009) and DOT Order 3902.10 "Text Messaging While Driving" (12/30/2009), the FAA encourages recipients of Federal grant funds to adopt and enforce safety policies that decrease crashes by distracted drivers, including policies to ban text messaging while driving when performing work related to a grant or sub-grant.

(a) In support of this initiative, SBIAA encourages the Consultant to promote policies and initiatives for its employees and other work personnel that decrease crashes by distracted drivers, including policies that ban text messaging while driving motor vehicles while performing work activities associated with the project. The Consultant must include the substance of this clause in all sub-tier contracts exceeding $10,000 that involve driving a motor vehicle in performance of work activities associated with the project.

36. FAA CONTRACT PROVISIONS AND GRANT ASSURANCES.

(a) Additional provisions required by the FAA for professional services agreements are attached hereto as Exhibit "C" and incorporated herein by reference. Such provisions include Equal Employment Opportunity requirements, Civil Rights Act of 1964, Title VI and Compliance with Nondiscrimination Requirements, together with additional FAA provisions. Consultant is advised to review the attached FAA contract provisions to determine application of such provisions to the services provided by Consultant hereunder.

(b) The FAA grant assurance covenants as are hereby made applicable to the Consultant for all work and services performed by the Consultant as set forth in the "Scope of Services".

37. CONFLICT OF INTEREST – SBIAA REPRESENTATIVES. Consultant acknowledges that the SBIAA uses ethical business practices in the selection of its Consultants and in its other contracting practices. Consultant certifies that neither it nor its employees or agents have, with an intent to establish or maintain a business relationship with the SBIAA or any department thereof, provided any gift or sponsorship having a value of more than a fifty and 00/100 dollar ($50.00) value, in total or aggregated total, to: (i) any person working on behalf of the SBIAA involved in the negotiation of this Agreement; (ii) any member of any department of the SBIAA procuring items or services from the Consultant under this Agreement; and/or (iii) any person with authority to negotiate this or any other contract on behalf of the SBIAA. Further, Consultant certifies that neither it nor its employees or agents shall at any time in the future, with an intent to establish or maintain a business relationship with the SBIAA or any department thereof, provide any gift or sponsorship having more than a fifty and 00/100 dollar ($50.00) value, in total or aggregated total, to: (i) any person working on behalf of the SBIAA involved in the negotiation of this Agreement; (ii) any member of any department of the SBIAA procuring items or services from the Consultant under this Agreement; and/or (iii) any person with authority to negotiate this or any other contract on behalf of the SBIAA.

The Consultant acknowledges the obligations as set forth in this Section 43 by the initials of the agent signing on behalf of the Consultant appearing below:

_____
(initial here)

38. CONFLICT OF INTEREST – CAMPAIGN CONTRIBUTIONS. The Consultant represents and warrants that it has reviewed and is familiar with the governing provisions of the California Government Code and the regulations promulgated there under by the Fair Political Practices Commission ("FPPC") regarding campaign contributions to appointed members of the governing body of the SBIAA. The Consultant further represents and warrants that neither the Consultant, nor any number of individuals employed by the Consultant or other contractors and

Subcontractors of the Consultant, or any others acting on behalf of or in concert with the Consultant, have contributed to: (i) any member of the governing body of the SBIAA, (ii) any election committee of any member of the governing body of the SBIAA, (iii) any "friends of" election committee of any member of the governing body of the SBIAA, or (iv) any political action committee ("PAC") representing, acting with or on behalf of any member of the governing body of the SBIAA, an amount in the aggregate of more than Two Hundred Fifty and 00/100 Dollars ($250.00) within the period commencing twelve (12) months prior to the date of the official action by the governing body of the SBIAA to approve this Agreement. The Consultant covenants and warrants that for the period of time commencing as of the date of the approval of this Agreement by the governing body of the SBIAA and for ninety (90) calendar days thereafter, similarly no such campaign and/or fund-raising contributions aggregating in excess of $250.00 from the Consultant and other contractors and Subcontractors of the Consultant, or others action on behalf of or in concert with the Consultant, when aggregated with campaign contributions paid pursuant to the preceding sentence for the prior twelve (12) month period, shall be made to any member of the governing body who participated in the official action to approve this Agreement. Such $250.00 limitation shall apply for the period of time commencing twelve (12) months prior to the date of the official action of the governing body of the SBIAA to approve this Agreement and for ninety (90) calendar days thereafter and all such campaign contributions within said fifteen (15) month period of time shall be aggregated for purposes of the FPPC rules and regulations. Any breach of this Section 19, whether intentional or unintentional, shall be deemed to be a material breach of this Agreement.

The Consultant acknowledges the obligations as set forth in this Section 44 by the initials of the agent signing on behalf of the Consultant appearing below:

_____

(initial here)

39. FAIR POLITICAL PRACTICES COMMISSION FORMS AND FILINGS. The provisions of this Section 45 shall apply to the Consultant, its employees and/or agents providing or supervising the services to the SBIAA as set forth in this Agreement. The Consultant acknowledges and represents and warrants that the Consultant is aware of the requirements of the Fair Political Practices Commission ("FPPC") of the State of California, including the statutory requirements and the rules and regulations promulgated pursuant thereto, and the obligations and duties of third-party contractors such as the Consultant to complete and timely submit the required FPPC reporting forms.

1. By the execution and acceptance of this Agreement with the SBIAA, the Consultant hereby agrees that no later than the first day of April (April 1) of each calendar year, or any other date as designated by SBIAA legal counsel or the Clerk of the Board, the Consultant shall submit, and/or cause its employees and/or agents providing or supervising the services to

the SBIAA as set forth in this Agreement to submit, to the Clerk of the Board any reporting form or filing published and/or required by the FPPC which SBIAA legal counsel or the Clerk of the Board should deem appropriate and so request of the Consultant, properly and fully completed in accordance with the instructions of the FPPC, which instructions shall be provided to Consultant by the Clerk of the Board, identifying the appropriate and necessary economic disclosures of the Consultant, its employees and/or agents who perform services by, through or on behalf of the Consultant to the SBIAA pursuant to this Agreement.

2. Further, the Consultant recognizes that it is neither the duty nor the responsibility of the SBIAA, its staff and/or legal counsel to review or seek additional information from the Consultant as to any information submitted to the SBIAA in the required FPPC reporting forms. The Consultant further understands that the Consultant, its principals, shareholders, and certain employees and/or agents could be subjected to fines and civil penalties imposed by the FPPC in the event any documentation submitted by the Consultant is deemed to be inadequate either by the FPPC or any other State or local prosecutorial office. Under some circumstances, such inadequacies for failure to comply with the FPPC requirements may also involve criminal sanctions.

3. The Consultant shall further defend, indemnify and hold harmless the SBIAA, its officers, employees, representatives, and agents, for any and all violations by the Consultant regarding FPPC reporting compliance requirements that result in any liability or financial loss to the SBIAA, its officers, employees, representatives, and agents, by reason of the failure of the Consultant to comply with the provisions of this Section 45, including staff costs, attorney fees and any and all other costs as may be incurred by the SBIAA, its officers, employees, representatives, and agents due to any alleged violations of the FPPC reporting requirements by the Consultant.

The Consultant acknowledges the obligations as set forth in this Section 45 by the initials of the agent signing on behalf of the Consultant appearing below:

_____
(initial here)

40. CLEAN AIR AND WATER POLLUTION CONTROL. Consultant agrees to comply with all applicable standards, orders, and regulations issued pursuant to the Clean Air Act (42 USC §§ 7401-7671q) and the Federal Water Pollution Control Act as amended (33 USC §§ 1251-1387). The Consultant agrees to report any violation to SBIAA immediately upon discovery. SBIAA assumes responsibility for notifying the Environmental Protection Agency (EPA) and the Federal Aviation Administration.

A. Consultant must include this requirement in all subcontracts that exceeds $150,000.

41. PROHIBITION ON CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT. Consultant and Subcontractor agree to comply with mandatory standards and policies relating to use and procurement of certain telecommunications and video surveillance services or equipment in compliance with the National Defense Authorization Act [Public Law 115-232 § 889(f)(1)].

[SPACE INTENTIONALLY LEFT BLANK]

SAN BERNARDINO INTERNATIONAL AIRPORT AUTHORITY,
a joint powers authority

Date: _____ By: _____
Michael Burrows
Chief Executive Officer

ATTEST:

By: _____
Assistant Secretary of the Commission

Approved as to form and legal content:

Mirau, Edwards, Cannon, Lewin & Tooke, LLP
A Limited Liability Partnership

By: _____
Michael Lewin

AECOM Technical Services, Inc.

Date: _____ By: _____
Name:

Exhibit "A" - Scope of Services
Construction Management Services for
Reconstruct North Aircraft Ramp Project
April 24, 2026

BACKGROUND

San Bernardino International Airport Authority ("SBIAA") has requested construction management services for the reconstruction of existing PCC pavements at the North Aircraft Ramp Project at San Bernardino International Airport (SBD).

WORK BREAKDOWN STRUCTURE

The project will be implemented using the following work breakdown structure:

CONSTRUCTION MANAGEMENT SERVICES

Task 1.1 **Pre-Construction.** Prior to construction, AECOM will perform pre-construction services in support of the project:

1. Review construction drawings and specifications
2. Preparation of project Health and Safety Plan
3. Preparation of construction schedule(s)
4. Obtain airport security badge(s)
5. Setup on-site engineer's office (Office space provided by Others)
6. Meeting and coordination with SBIAA staff to familiarize with Operations and Security
7. Conduct a pre-construction meeting

Task 1.2 **Construction Management.** During the construction phase, AECOM will provide Construction Management services. As indicated below, the scope of services summarizes the anticipated on-site effort as well has the home office support.

1. Provide one (1) on-site construction manager; one (1) on-site civil inspector; and one (1) part-time office engineer.
2. Attend and facilitate the pre-construction meeting.
3. Attend and facilitate regularly scheduled construction coordination meetings.
4. Review and respond to contractor RFI's.
5. Process submittals and shop drawings.
6. Manage and coordinate the work of the project as a whole, including the Contractor and all other parties.
7. Develop and implement project procedures.

8. Review and approve certified payroll.
9. Review and approve monthly progress payments.
10. Provide all reports (daily, weekly, monthly, quarterly and final acceptance) and review project for compliance.
11. Submit for review, approval, and/or execution, as required, such documents as project budgets, change orders and progress payments.
12. Monitor contractor performance and progress against the contract schedule. Obtain agreement on improvement measures to be taken, and if necessary, recommend remedial actions.
13. Maintain project records for construction contract from contract solicitation to final acceptance, payment, and close-out. These records will include, but not be limited to:
    a) Construction contract and change orders.
    b) Record of all correspondence and meetings pertaining to the contract.
    c) Contractor progress payment records.
    d) Material testing reports.
    e) Monthly, weekly, and daily reports.
    f) Record of all changes, deviations, and substitutions, which have been evaluated, estimated, negotiated, and accepted.
    g) Final acceptance, final payment, and close-out documents.
14. Monitor the construction of the project in accordance with approved drawings and specifications.
15. AECOM will coordinate quality assurance material testing in accordance with the project specifications. The material testing will be provided by AECOM's subconsultant MGTL.
16. AECOM will coordinate quality assurance surveying. The QA surveys will be provided by AECOM's subconsultant Guida Surveying.
17. Coordinate any necessary airfield closures with Airport Operations, Tower, Stakeholders, and the Contractor.
18. Provide Construction Observation and Quality Assurance:
    a) Perform construction observation of the contractor's work for general conformance with the contract documents.
    b) Arrange for tests of materials and equipment for conformance with specific requirements of contract documents, and document results of the tests.
    c) Where tests indicate lack of conformance, initiate action to secure conformance. Track and manage efforts of materials testing firm.
    d) Note deficiencies in the Contractor's work, recommend corrections to be made, and check the remedial work.
    e) Provide a record of tests made to verify quality of the work and conformance with

contract documents.

f) Prepare and maintain daily observation reports including a narrative of the work in progress, notations on tests made, pertinent facts as to problem areas and recommended solutions, work force, equipment, and other matters essential to the project.

g) Coordinate airfield closures with the SBD airport.

Task 1.3 **Post-Construction Activities**. Upon completion of construction, AECOM will perform project close-out services. The close-out documents will be provided to the Client and SBIAA via hardcopies and PDF electronic copies.

1. Upon completion of construction, AECOM will also perform a final inspection and prepare a punch list of items to be corrected prior to final acceptance of the project.
2. Review of the Contractor's as-built drawings for accuracy and completeness.
3. Prepare the FAA Final Construction Report for project close out.

ASSUMPTIONS AND EXCLUSIONS

1. Assume that no permits are required for AECOM's scope.
2. Assume that base bid and bid additive1(if awarded) will be constructed within the total construction time allotted for base bid.
3. AECOM will prepare the Final Construction Report for project close out.
4. During the construction period, the CM will facilitate weekly construction meetings (Assume 14 meetings).
5. Assumed period of performance for on-site construction management services is based on 40 hours per week (8 hours on-site per day) for 2 months, and additional on-site activities during the pre-construction and post-construction as needed. If the Contractor works more hours each day or on weekends, AECOM will need additional budget to adequately oversee the construction.
6. Assumed period of performance for on-site construction management is 2 months.
7. Assumed period of performance for off-site post-construction services is 1 month.
8. Office space for on-site AECOM staff will be provided by the Others.
9. Consultant shall have no responsibility for (i) construction means, methods, techniques, sequences or procedures; (ii) for the direction of Contractors' personnel; (iii) selection of construction equipment; (iv) coordination of Contractors' work; (v) for placing into operation any plant or equipment; or (vi) for Contractors' failure to perform the work in accordance with any applicable construction contract.
10. Consultant shall not be responsible for Owner's pre-existing site conditions or the aggravation of those preexisting site conditions to the extent not caused by the negligence or willful misconduct of Consultant. Consultant shall not be responsible for inspecting, observing, reporting or correcting health or safety conditions or deficiencies of Owner, Contractors or others at the project site ("Project Site") other than Consultant's employees, subconsultants and vendors. So as not to discourage Consultant from voluntarily addressing health or safety issues while at the Project Site, in the event Consultant does identify such issues by making observations, reports, suggestions or otherwise, Consultant shall have no authority to direct the actions of others not under Consultant's responsibility

and control and shall have no liability, responsibility, or affirmative duty arising on account of Consultant's actions or forbearance.

11. Notwithstanding anything contained in this Agreement, Consultant shall have no responsibility for the discovery, presence, handling, removal, transportation, storage or disposal of, or exposure of persons to hazardous materials in any form related to the Project.
12. Consultant shall perform the Scope of Services in accordance with the degree of professional skill, quality and care ordinarily exercised by members of the same profession currently practicing in the same locality under comparable circumstances and as expeditiously as is consistent with professional skill and the orderly progress of the Project.
13. Consultant is entitled and will rely upon the accuracy, completeness, currency and non-infringement of information and data provided by SBIAA or obtained from generally accepted sources within the industry, except to the extent such verification by Consultant may be expressly required as a defined part of the Scope of Services.
14. Neither Party shall be responsible for a delay or disruption in, or inability to provide its respective performance under this Agreement, other than a delay in payment for the work already performed, if such delay is caused by events or contingencies, existing or future, beyond the reasonable control of the claiming Party, including "acts of God," abnormal weather conditions or other natural catastrophes, war (whether declared or not), terrorism, sabotage, computer viruses, civil unrest, strikes, lockouts or other industrial disturbances, pandemics, epidemics, health emergencies, virus (e.g., SARS Cov-2), disease (e.g. COVID-19), plague, changes in law or regulations, quarantine, travel restrictions, discovery of hazardous materials, differing or unforeseeable site conditions, acts of governmental agencies or authorities (whether or not such acts are made in response to other Force Majeure Events), or any other events or circumstances not within the reasonable control of the party affected, whether or not of a similar kind or nature to any of the foregoing (a "Force Majeure Event"). The Party seeking application of this provision shall notify the other Party in writing promptly upon learning of the impact of the Force Majeure Event upon the notifying Party's performance of its obligations under this Agreement. Upon the occurrence of a Force Majeure Event, Consultant shall be entitled to an equitable adjustment to the project schedule and compensation sufficient to compensate Consultant for any increase in the time or costs necessary to perform the work under this Agreement. Should a Force Majeure Event substantially prevent or be reasonably likely to substantially prevent Consultant's performance of the Scope of Services for more than thirty (30) days, then Consultant shall be entitled to terminate this Agreement without breach. In case of such termination, Consultant shall be entitled to compensation for those works/tasks performed as of the date of termination.

San Bernardino International Airport (SBD) **EXHIBIT "B"**
Construction Management Services for:
Reconstruct North Aircraft Ramp Project

April 24, 2026
Estimate and Hour Summary

					On-Site Management						
No.	**Staff**	**Billing Rate**	**Total Hours**	**Month 1 Pre-Construction**	**Month 2**	**Month 3**	**Month 4 Close-out**	**AECOM Labor Subtotal**	**AECOM ODC's**	**Subconsultants**	**Total Amount**
1.0	**CONSTRUCTION MANAGEMENT SERVICES**										
1.1	Construction Manager	$296	720	176	184	184	176	$ 213,120	$ 15,000		$ 228,120
1.2	Civil Inspector	$224	624	80	184	184	176	$ 139,776	$ 15,000		$ 154,776
1.3	Electrical Inspector (Allowance)	$214	16		8	8		$ 3,424	$ 500		$ 3,924
1.4	Office Engineer	$142	136	24	48	48	16	$ 19,312	$ 2,500		$ 21,812
1.5	Project Manager/Technical Lead	$311	30	12	4	4	10	$ 9,330	$ -		$ 9,330
1.6	Project Controls	$158	16	4	4	4	4	$ 2,528	$ -		$ 2,528
2.0	**SUBCONSULTANTS**										
2.1	Material Testing Services (with 5% Mark-up)									$ 56,067	$ 56,067
2.2	Quality Assurance Surveys (with 5% Mark-up)									$ 37,832	$ 37,832
3.0	**OTHER DIRECT COSTS (ODC'S)**										
3.1	Vehicle Lease (2 trucks)				$ 3,150	$ 3,150			$ 6,300		$ 6,300
3.2	Fuel (2 trucks)				$ 1,100	$ 1,100			$ 2,200		$ 2,200
3.3	Office Supplies / Miscellaneous Expenses				$ 1,100	$ 1,100			$ 2,200		$ 2,200
	Total Hours -		**1,542**	**296**	**432**	**432**	**382**	**$ 387,490**	**$ 43,700**	**$ 93,899**	**$ 525,089**

1,542

Total Budget $ 525,089
T&M

MTGL PROPOSAL

April 24, 2026

Prepared For :

AECOM

SBIAA - Reconstruct North Aircraft Ramp Project

San Bernardino, California

Special Inspection and Material Testing Services

MTGL

www.mtglinc.com

(951) 653-4999

14467 Meridian Parkway, Bldg 2A, Riverside, CA 92518

OFFICE LOCATIONS

ORANGE COUNTY
CORPORATE BRANCH
2992 E. La Palma Avenue
Suite A
Anaheim, CA 92806
Tel: 714.632.2999
Fax: 714.632.2974

SAN DIEGO
IMPERIAL COUNTY
7742 Arjons Drive
San Diego, CA 92126
Tel: 858.537.3999
Fax: 858.537.3990

INLAND EMPIRE
14467 Meridian Parkway
Building 2A
Riverside, CA 92518
Tel: 951.653.4999
Fax: 951.653.4666

OC/LA/INLAND EMPIRE
DISPATCH
800.491.2990

SAN DIEGO DISPATCH
888.844.5060

www.mtglinc.com

April 24, 2026

MTGL Proposal No.: P-26-279

AECOM Transportation - Aviation
99 Town & Country Road
Orange, CA 92868

Attention: John Behzadi, P.E.

Subject: **PROPOSAL FOR SPECIAL INSPECTION AND MATERIAL TESTING**
San Bernardino International Airport Authority
Re-construct North Aircraft Ramp Project
105 N Leland Norton Way, San Bernardino, CA 92408

Ladies and Gentlemen,

In accordance with your request, MTGL, Inc. (MTGL) is pleased to submit this proposal for professional services for the subject project. We have reviewed the Plans and Specifications to address the special inspection and materials testing requirements. Based on the construction documents available, we have provided this proposal with a scope of work, an estimated budget, a fee schedule, and terms.

A construction schedule was not available during the preparation of this proposal. When one becomes available, please provide it so we may revise this proposal accordingly.

SCOPE OF WORK

MTGL's proposed scope of work for special inspection and materials testing will consist of the following:

SOILS COMPACTION TESTING – MTGL's proposed scope of work for providing soils compaction testing on an on-call, as-directed basis will consist of the following:

- Performing relative compaction testing of backfill materials for site improvements.
- Performing necessary laboratory tests to evaluate the conformance of the soils and aggregate base materials.
- Preparation of a written report summarizing all test results performed upon completion of the work.

ASPHALT LAYDOWN INSPECTION AND TESTING - MTGL's proposed scope of work will consist of providing inspection and quality control during the laydown operation to ensure conformance with the job specifications. The laydown inspection will consist of monitoring the temperature and rolling procedure for the in-place density of asphaltic concrete using the nuclear method. The quality control will consist of asphaltic concrete maximum density testing for conformance to the job specification. A written report will be provided upon completion of the work.

ASPHALT BATCH PLANT SAMPLING - MTGL will provide a certified technician during asphalt production to sample aggregates, binder, and RAP for laboratory conformance testing.

CONCRETE SAMPLING AND TESTING - MTGL will provide a certified concrete technician to sample and test the concrete as required per the project plans and specifications. Field testing of concrete will consist of slump and temperature. Samples will be fabricated and transported to our laboratory for compressive strength testing.

- **LABORATORY TESTING OF CONCRETE SPECIMENS -** Test cylinders would be cured in our laboratory in accordance with ASTM C192. Compression tests would be performed in accordance with ASTM C39 at 7 and 28 days, respectively. Copies of the results of all compression tests will be provided upon completion of the test.

BATCH PLANT INSPECTION - MTGL will provide a certified inspector to monitoring the batch weights and periodic inspection of the aggregate stockpiles and bins. The actual batch weights will be checked for conformance with the approved mix design. Actual batch weights will be copied and sent to the job site with each load. Samples of aggregates will be obtained for further laboratory testing.

Special inspectors and/or technicians will provide daily field reports describing the work observed and stating compliance or non-compliance with the project documents. A copy of the daily report will be left with the on-site client's designated representative.

Laboratory test reports will be prepared by our laboratory manager, reviewed by an engineer, and distributed to the designated persons. Failing test results will be reported to the designated person(s) on the day of the test.

Project supervision will be provided by our experienced Field Supervisor and a Registered Civil Engineer (RCE) during construction. Duties will include reviewing special inspection reports, test results, and attending at site meetings as required.

An engineer will prepare a final report of special inspections and materials testing that summarizes the special inspections and tests performed by MTGL on the project.

ESTIMATED COSTS

We propose to perform the previously described services on an hourly or test rate basis in accordance with the attached fee schedule.

Our estimated costs are outlined in the attached estimated cost budget breakdown. A summary of our estimated costs for regular shifts and night shifts are as follows:

Day Shift (Regular)	$	45,256.60
Night Shift (Overtime)	$	53,397.10

Our budget estimate is based on understanding the project **is** subject to California Prevailing Wage requirements.

TERMS

Our estimate is based on the preliminary information provided by your team and may vary due to unforeseen circumstances that may develop during construction. If a change in the scope of work becomes necessary due to unforeseen conditions or extended construction duration beyond our estimated budget, which may result in an increase in charges, we will obtain your written authorization before proceeding.

Invoices for our services will be rendered upon completion of the work and completion of the report. Invoices are due and payable upon presentation. Should the duration of the job exceed one month, monthly invoices will be presented for services performed. Any amount not paid within 30 days of the date due will bear interest at a rate of 18% per annum. In the event legal action is instituted to enforce this agreement, the prevailing party will be entitled to reasonable attorney fees.

Recognizing that our services are directly dependent upon the performance of others, we will invoice for services rendered at the specified unit rates for the quantities shown on our budget estimate. It should be recognized that unforeseen conditions, unfavorable weather, and other unanticipated conditions may affect the actual duration of the work. Services in addition to those described in this budget estimate may be requested by or on behalf of the client and will be invoiced on a time and materials basis at the unit rates outlined in this proposal.

The unit costs shown are based upon work taking place between the regular business hours (7:00 a.m. to 5:00 p.m.) Monday through Friday, excluding nationally recognized holidays. Work performed on a Saturday or more than 8 hours on a given day will be invoiced at 1.5 times the standard rate. Work performed on Sundays or nationally recognized holidays will be invoiced at 2 times the standard rate. All unscheduled cancellations will be invoiced for a minimum of 2 hours. All other terms and conditions shall be per our standard Schedule of Fees.

Our services will consist of inspection and materials testing only on an on-call and as-directed basis. The presence of our field representative will be for the purpose of observing the construction and reporting its general compliance with the approved plans and the applicable building codes.

Our work does not include the supervision or direction of the contractor's work, its employees, or agents. The contractor is responsible for their services, and neither the presence of our field personnel nor the observation and testing by this firm should excuse the contractor in any way for defects in their work. It should further be understood that we are not responsible for site safety. No warranty whatsoever, expressed or implied, is made or intended by MTGL, its employees, or agents in connection with the services provided under this Agreement.

CLOSURE

MTGL does not guarantee the performance of the contractor(s) by performing these services. MTGL's performance of these services shall not relieve the contractor(s) of their obligation to perform the work in conformance with the drawings and specifications and in a workmanlike manner; shall not make MTGL an insurer of the contractor's performance; and shall not impose on MTGL any obligation to see that the work is performed in a safe manner.

Thank you for the opportunity to submit this proposal, which will be valid for 90 calendar days. We look forward to working with you on this project and can begin our work upon receipt of your notice to proceed and a signed copy of this proposal authorizing us to perform these professional services. If you have any questions regarding this proposal, please contact the undersigned.

Respectfully Submitted,
MTGL, Inc.

Saul Cruz

Saul Cruz
Field Services Manager
scruz@mtglinc.com

Isaac Chun

Isaac Chun, P.E., G.E.
Vice President | Engineering Manager
ichun@mtglinc.com

Authorized by:
AECOM

_____
Signature

_____
Print Name

_____
Title

_____
Date

SC/IC/ME/cb
Attachments: Estimated Cost Budget Breakdown
Schedule of Fees
Basis of Charges

ESTIMATE WORKSHEET

DAY SHIFT

SPECIAL INSPECTIONS AND MATERIALS TESTING	Qty.	Unit		Rate		Cost
Badging & Fingerprinting (Estimated)	24	HR	$	125.00	$	3,000.00
Soils / Asphalt Technician	64	HR	$	125.00	$	8,000.00
Concrete Technician – ACI Sampling	32	HR	$	125.00	$	4,000.00
Special Inspector – Batch Plant	8	HR	$	125.00	$	1,000.00
Supervising Special Inspector / Registered Engineer	4	HR	$	145.00	$	580.00
Laboratory Sample Pickup	44	HR	$	75.00	$	3,300.00
				Subtotal	**$**	**19,880.00**

LABORATORY MATERIALS TESTING	Qty.	Unit		Rate		Cost
Sieve Analysis	16	EA	$	200.00	$	3,200.00
Sand Equivalent	16	EA	$	125.00	$	2,000.00
Plasticity Index	12	EA	$	160.00	$	1,920.00
Abrasion Test - LA Rattler	6	EA	$	235.00	$	1,410.00
Sodimum Soundess	6	EA	$	315.00	$	1,890.00
Percentage of Fractured Particles	6	EA	$	300.00	$	1,800.00
Flat and Elongated Particles	6	EA	$	200.00	$	1,200.00
Clay Lumps and Friable Particles	6	EA	$	135.00	$	810.00
Maximum Density - Optimum Moisture Content	6	EA	$	290.00	$	1,740.00
MARSHALL Max Density	1	EA	$	295.00	$	295.00
MARSHALL Stability and Flow	1	EA	$	375.00	$	375.00
Concrete Cylinder Compression Testing	24	EA	$	35.00	$	840.00
Flexural Strength - Beams (6" x 6")	26	EA	$	65.00	$	1,690.00
Unconfined Compressive Strength of LCB	4	SET	$	400.00	$	1,600.00
				Subtotal	**$**	**20,770.00**

EQUIPMENT AND MILEAGE	Qty.	Unit		Rate		Cost
Nuclear Density Gauge	8	DY	$	70.00	$	560.00
Air Testing Equipment	5	DY	$	40.00	$	200.00
Concrete Cure Box	1	EA	$	200.00	$	200.00
Mileage - Travel (R/T)	627	Mi	$	0.80	$	501.60
				Subtotal	**$**	**1,461.60**

ENGINEERING REVIEW AND REPORT PREPARATION	Qty.	Unit		Rate		Cost
Principal Engineer	4	HR	$	185.00	$	740.00
Project Setup	1	EA	$	250.00	$	250.00
				Subtotal	**$**	**990.00**

ADMINISTRATIVE	5% of Invoice	$	$2,155.00

	TOTAL ESTIMATED COSTS	$	45,256.60

ESTIMATE WORKSHEET

NIGHT SHIFT (OVERTIME)

SPECIAL INSPECTIONS AND MATERIALS TESTING	Qty.	Unit	Rate	Cost
Badging & Fingerprinting (Estimated)	24	HR	$ 125.00	$ 3,000.00
Soils / Asphalt Technician (Night Shift)	64	HR	$ 195.31	$ 12,500.00
Concrete Technician – ACI Sampling (Night Shift)	32	HR	$ 195.31	$ 6,250.00
Special Inspector – Batch Plant (Night Shift)	8	HR	$ 195.31	$ 1,562.50
Supervising Special Inspector / Registered Engineer	4	HR	$ 145.00	$ 580.00
Laboratory Sample Pickup (Night Shift)	44	HR	$ 85.00	$ 3,740.00
			Subtotal	**$ 27,632.50**

LABORATORY MATERIALS TESTING	Qty.	Unit	Rate	Cost
Sieve Analysis	16	EA	$ 200.00	$ 3,200.00
Sand Equivalent	16	EA	$ 125.00	$ 2,000.00
Plasticity Index	12	EA	$ 160.00	$ 1,920.00
Abrasion Test - LA Rattler	6	EA	$ 235.00	$ 1,410.00
Sodimum Soundess	6	EA	$ 315.00	$ 1,890.00
Percentage of Fractured Particles	6	EA	$ 300.00	$ 1,800.00
Flat and Elongated Particles	6	EA	$ 200.00	$ 1,200.00
Clay Lumps and Friable Particles	6	EA	$ 135.00	$ 810.00
Maximum Density - Optimum Moisture Content	6	EA	$ 290.00	$ 1,740.00
MARSHALL Max Density	1	EA	$ 295.00	$ 295.00
MARSHALL Stability and Flow	1	EA	$ 375.00	$ 375.00
Concrete Cylinder Compression Testing	24	EA	$ 35.00	$ 840.00
Flexural Strength - Beams (6" x 6")	26	EA	$ 65.00	$ 1,690.00
Unconfined Compressive Strength of LCB	4	SET	$ 400.00	1,600.00
			Subtotal	**$ 20,770.00**

EQUIPMENT AND MILEAGE	Qty.	Unit	Rate	Cost
Nuclear Density Gauge	8	DY	$ 70.00	$ 560.00
Air Testing Equipment	5	DY	$ 40.00	$ 200.00
Concrete Cure Box	1	EA	$ 200.00	$ 200.00
Mileage - Travel (R/T)	627	Mi	$ 0.80	$ 501.60
			Subtotal	**$ 1,461.60**

ENGINEERING REVIEW AND REPORT PREPARATION	Qty.	Unit	Rate	Cost
Principal Engineer	4	HR	$ 185.00	$ 740.00
Project Setup	1	EA	$ 250.00	$ 250.00
			Subtotal	**$ 990.00**

ADMINISTRATIVE	5% of Invoice	$	$2,543.00

	TOTAL ESTIMATED COSTS	$	53,397.10

MTGL

2026 SCHEDULE OF FEES
(PREVAILING WAGE RATES)

PROFESSIONAL SERVICES	RATE	UNIT
Principal Engineer/Geologist	$ 185.00	HR
Project Manager/Field Supervisor or Registered Engineer/Geologist	$ 145.00	HR
Staff Engineer/Geologist	$ 125.00	HR
Draftsperson	$ 105.00	HR
Administrative (Per Monthly Invoice)	5%	Invoice
Project Setup Fee	$ 250.00	LS
Project Reporting Fee (Per Pay Period)	$ 95.00	Per Week

FIELD INSPECTION PERSONNEL	RATE	UNIT
Special Inspector (Concrete, Masonry, Steel/Welding, Fireproofing)	$ 125.00	HR
Special Inspector (Shotcrete)	$ 145.00	HR
Special Inspector (FRP)	$ 145.00	HR
Special Inspector (Shearwall/Nailing)	$ 145.00	HR
Soils Inspector (Soils, Asphalt)	$ 125.00	HR
NDT Technician & Shop Fabrication Inspection	$ 145.00	HR
Mileage (IRS Current Rate)	IRS Rate	MILE
Travel Time (Portal to Portal) - Equal to the Rate of Service	Hourly Rate	HR
Firestopping/Fire Caulking	$ 155.00	HR
Floor Flatness / Levelness (Inc. Equipment)	$ 1,500.00	DAY
2026-2027 DIR Prevailing Wage Increase	6%	HR RATE
2027-2028 DIR Prevailing Wage Increase	6%	HR RATE
Concrete, Masonry, Asphalt Coring or Sawing	QUOTE	DAY

LAB TESTING - AGGREGATES	ASTM	CTM	AASHTO	RATE	UNIT
Organic Impurities in Fine Agg	C40	CT213	T21	$ 95.00	EACH
Soundness by Sodium Sulfate	C88	CT214	T104	$ 315.00	EACH
Percent Lightweight Particles	C123	---	T113	$ 215.00	EACH
Specific Gravity (Coarse Agg)	C127	CT206	T85	$ 130.00	EACH
Specific Gravity (Fine Agg)	C128	CT207	T84	$ 150.00	EACH
Abrasion by Los Angeles Rattler (ASTM C535)	C131	CT211	T96	$ 235.00	EACH
Sieve Analysis (Combined Agg)	C136	CT202	T27	$ 130.00	EACH
Sieve Analysis (Fine or Coarse Agg)	C136	CT202	T27	$ 125.00	EACH
Clay Lumps & Friable Particles	C142	---	T112	$ 135.00	EACH
Moisture Content by Drying	C566	CT226	T255	$ 25.00	EACH
Cleanness Value	---	CT227	---	$ 230.00	EACH
Durability Index	D3744	CT229	T210	$ 180.00	EACH
Flat & Elongated Particles	D4791	CT235	T335	$ 215.00	EACH
Percentage of Crushed Particles	D5821	CT205	T335	$ 170.00	EACH

LAB TESTING - ASPHALT	ASTM	CTM	AASHTO	RATE	UNIT
Core Density Parafilm Coated	D1188	CT308	T275	$ 85.00	EACH
Stabilometer - HVEEM	D1560	CT366	T246	$ 290.00	EACH
Max Density - HVEEM	D1561	CT308	T247	$ 195.00	EACH
Asphalt Content by Solvents	D2172	CT310	T164	$ 600.00	EACH
Wet Track Abrasion	D3910	---	---	$ 215.00	EACH
Gradation of Extracted Agg	D5444	CT202	T30	$ 275.00	EACH
Asphalt Content by Ignition Oven	D6307	CT382	T308	$ 265.00	EACH
Max Density - Marshall	D6926	---	R68	$ 295.00	EACH
Stability and Flow - Marshall	D6927	---	T245	$ 375.00	EACH
Theoretical Maximum Density (Rice)	D2041	CT309	T209	$ 150.00	EACH
Moisture Content	D4643	CT370	T265	$ 70.00	EACH
Tensile Stress Ratio (TSR)	D4867	CT371	T283	$ 2,200.00	EACH
LTMD Gyratory Compactor	D6925	CT304	T312	$ 400.00	EACH
Hamburg Wheel	D7899	CT389	T324	$ 1,000.00	EACH

LAB TESTING - CONCRETE	ASTM	CTM	AASHTO	RATE	UNIT
Compressive Strength - Concrete Cylinders	C39	CT521	T22	$ 35.00	EACH
Compressive Strength - Cores (6" Max. Dia.)	C39	CT521	T22	$ 50.00	EACH
Flexural Strength - Beams (6" x 6")	C78	CT523	T97	$ 65.00	EACH
Concrete Shrinkage (Set of 3)	C157	CT530	T160	$ 350.00	SET
Handling Charge - Cylinders Not Broken/Hold	---	---	---	$ 35.00	EACH
Concrete Trial Batch w/ Lab Testing	C192	CT540	R39	$ 1,100.00	EACH
Modulus of Elasticity	C469	CT522	---	$ 150.00	EACH
Comp. Strength - Lightweight Concrete Fill	C495	CT537	T360	$ 45.00	EACH
Handling Charge - Beams Not Broken/Hold	---	---	---	$ 65.00	EACH
Splitting Tensile Strength	C496	---	T198	$ 75.00	EACH
Unit Weight (Hardened Lightweight Concrete)	C567	CT518	T367	$ 50.00	EACH
Shotcrete Panel Test	C1140	---	T337	$ 300.00	EACH
Core Trimming (In Laboratory)	---	---	---	$ 55.00	EACH

SAMPLE PICKUP CHARGES	RATE	UNIT
Pick up Sample Trip Charge (2hr Minimum)	$ 75.00	HR
Weekend Sample Pick Up Charge (2hr Minimum)	$ 85.00	HR

LAB TESTING - MASONRY	ASTM	CTM	AASHTO	RATE	UNIT
Block - Compressive Strength	C140	---	T32	$ 75.00	EACH
Block - Moisture & Absorption	C140	---	T32	$ 80.00	EACH
Block - Unit Weight & Measurements	C140	---	T32	$ 275.00	EACH
Block - Linear Shrinkage	C426	---	T160	$ 180.00	EACH
Mortar - 2" Cube Compressive Strength	C109	---	T106	$ 40.00	EACH
Mortar - 2" x 4" Cylinders Comp. Strength	C780	---	T325	$ 35.00	EACH
Grouted Prisms - Compressive Strength	C1019	---	---	$ 35.00	EACH
Handling Charge Samples Not Broken/Holds	---	---	---	$ 75.00	EACH
CMU Grouted Prisms Comp. Strength (<8"x8"x16")	C1314	---	---	$ 195.00	EACH
CMU Grouted Prisms Comp. Strength (>8"x8"x16")	C1314	---	---	$ 255.00	EACH
Brick - Boil	C67	---	T32	QUOTE	EACH
Brick - Compressive Strength	C67	---	T32	QUOTE	EACH
Brick - Moisture & Absorption	C67	---	T32	QUOTE	EACH

LAB TESTING - SOIL	ASTM	CTM	AASHTO	RATE	UNIT
Hydrometer Analysis	D422	---	T88	$ 175.00	EACH
Sieve Analysis of Soil	D422	CT202	T88	$ 200.00	EACH
Soil Cement - Maximum Density	D558	---	T134	$ 300.00	EACH
Soil Cement - Sample Preparation	D559	---	T135	$ 100.00	EACH
Soil Cement - Compressive Strength (Set of 3)	D5102	---	T220	$ 550.00	EACH
Unconfied Compressive Strength (Set of 3)	D2166	---	T208	$ 400.00	EACH
Specific Gravity of Soils	D854	CT209	T100	$ 150.00	EACH
Materials Finer than #200 (Sieve)	D1140	---	T11	$ 70.00	EACH
Maximum Density	D1557	---	T180	$ 290.00	EACH
California Bearing Ratio	D1883	---	T193	$ 650.00	EACH
Unconfined Compressive Strength	D2166	---	T208	$ 150.00	EACH
Soil Moisture Content by Mass	D2216	---	T265	$ 25.00	EACH
Sand Equivalent	D2419	CT217	T176	$ 125.00	EACH
Permeability	D2434	---	T215	$ 500.00	EACH
Consolidation	D2435	---	T216	$ 450.00	EACH
Consolidation with Time Rate	D2435	---	T216	$ 550.00	EACH
R-Value & Expansive Pressures	D2844	CT301	T190	$ 305.00	3 Points
Moisture & Density (Ring Samples)	D2937	---	---	$ 30.00	EACH
Direct Shear (3 Points) - Peak & Ultimate	D3080	---	T236	$ 380.00	EACH
Plasticity Index of Soils	D4318	CT204	T90	$ 150.00	EACH
Expansion Index of Soils	D4829	---	---	$ 160.00	EACH
Soil Corrosion Series (pH, CT643, CT417, CT422)	---	---	---	$ 250.00	EACH
CA Impact Max Density	---	CT216	---	$ 275.00	EACH
CA Impact Rock Correction	---	CT216	---	$ 95.00	EACH

LAB TESTING - STEEL	ASTM	CTM	AASHTO	RATE	UNIT
Steel Chemical Analysis/AWS Weld:Macroetch/Fracture/Bend				QUOTE	EACH
Bolt, Nut & Washer Assembly Conformance (Each)	A325	---	M164	$ 180.00	EACH
Brinell & Rockwell Hardness Test (Each)	A370	---	T244	$ 80.00	EACH
Nelson Stud Tensile (Each)	A370	---	T244	$ 195.00	EACH
A615/706 Rebar Bend Test No. 11 Bar and Smaller	A370	---	T244	$ 80.00	EACH
A615/706 Rebar Tensile No. 11 Bar and Smaller	A370	---	T244	$ 85.00	EACH
A615/706 Rebar Tensile No. 14 Bar and Larger	A370	---	T244	QUOTE	EACH
Anchor Rods (Elongation, Reduction, Yield, Tensile)	F1554	---	---	$ 225.00	EACH
Sample Preparation (Cutting)	---	---	---	$ 80.00	EACH
Prestressing Cable (7 Wire) - Yield & Tensile	A416	---	M203	$ 170.00	EACH
Headed Rebar (#9 and Smaller)	A970	---	M327	$ 245.00	EACH
Mechanical Coupler Slip Test	A1034	CT670	T244	$ 300.00	EACH
Mechanical Coupler - Tensile Test	A1034	CT670	T244	$ 250.00	EACH
Fireproofing Unit Weight	E605	---	---	$ 60.00	EACH

EQUIPMENT CHARGES	RATE	UNIT
Air Testing Equipment	$ 40.00	DAY
Clamp Meter	$ 45.00	DAY
Coating Thickness Gauge	$ 45.00	DAY
Concrete Cure Box	$ 200.00	LS
Concrete Slump Kit	$ 20.00	DAY
Fireproofing Kit	$ 35.00	DAY
Hydraulic Jacking Assembly	$ 60.00	DAY
Nuclear Density Gauge	$ 70.00	DAY
Pachometer	$ 55.00	DAY
Sand Cone Kit	$ 50.00	DAY
NDE Equipment	$ 50.00	DAY
Skidmore-Wilhelm Bolt Cell	$ 65.00	DAY
Torque Wrench	$ 60.00	DAY
Unit Weight Kit	$ 40.00	DAY
Outside Services	Cost +20%	
Reimbursables	Cost +20%	

BASIS OF CHARGES AND CONTRACT TERMS

The charges for services and General Terms and Conditions set forth below will govern the provision of services and will constitute the contract terms between the Owner or Owner's Representative (Client) and MTGL, Inc. unless the Client and MTGL, Inc. have executed a written contract with respect to such services, in which case the terms and provisions of the written contract shall supersede.

MINIMUM FIELD HOURLY CHARGES

- For Field Technicians, Special Inspectors, or any on-site (field) materials testing services:
  4 hours: 4-hour minimum charge up to the first four hours of work.
  8 hours: 8-hour minimum charge for over four hours of work, up to eight hours. *Project time accrued includes portal-to-portal travel time* .

SCHEDULING & CANCELLATIONS

- A 24-hour notice is required when scheduling an inspection or technician. Services scheduled after 12:00 PM the previous workday will be invoiced at a 50% increase.
- A two-hour show-up charge will be applied to any service canceled on the same day of service.
- Rush laboratory tests are subject to a 50% increase.
- Verbal requests will be considered authorization to perform billable work. The client shall designate a member(s) of staff with the authority to request services and notify MTGL in writing of their authorized representative. Otherwise, all service requests are billable.

OVERTIME RATES

- Work performed more than 8 hours per day and/or up to eight (8) hours on Saturdays will be billed at 1.5 times the unit rate.
- Work performed on Sundays recognized as holidays or more than eight (8) hours on Saturdays will be billed at 2.0 times the unit rate.
- A 20% surcharge will be applied for laboratory tests performed on a Saturday or Sunday.
- Work performed by field or laboratory staff outside of normal business hours (5:00 AM - 5:00 PM) will be subject to the above overtime rates.

ADMINISTRATIVE CHARGES

- Project administration costs are billed at 5% of the monthly invoice total.
- Certified payroll requests will have a processing fee applied for each project, billed at $95 per payroll week when requested by the client.

ANTICIPATED COSTS

- MTGL estimates a budget to assist the client with code-required inspections and testing based on information provided by the client. MTGL's ability to perform within the estimated budget relies heavily on the accuracy of the information provided and the cooperation of the client's management staff.
- Inspectors' daily reporting will be invoiced at 0.5 hours at the applicable rate.
- Project actual budget totals may vary. Estimated budget hours are based on 40 hours a week, 8 hours a day, Monday through Friday. The client shall monitor the percentage of work remaining to ensure inspections and testing are not greater than the estimated budget and adjust the contractor's labor and scheduling to maintain the work completion schedule.
- Client recognizes and agrees that any "anticipated costs," "budget estimates," or the like that may be prepared by MTGL are NOT "guaranteed maximums," "lump sums," or "not-to-exceed totals." The client will be invoiced for all work performed and only for work performed based on MTGL's working conditions and hours as an attachment to their contract.
- Additionally, any weekly overtime hours, Saturday or Sunday, double shift, and/or night shift differential for shop steel inspection are NOT included in MTGL's proposal.

TRAVEL CHARGES AND MILEAGE

- Inspectors' and field technicians' time and mileage will be billed on a portal-to-portal basis.
- For all projects, the IRS per mile rate and the applicable travel time will be charged portal to portal for engineers, consultants, and supervisors from the laboratory to the project site and return.

LABORATORY TESTING

- A 2-hour minimum material sample pick-up charge with an hourly rate of $75 will be billed in addition to the prices quoted for testing.
- Rush laboratory tests are subject to a 50% increase.
- Quoted laboratory test rates assume samples are free of hazardous materials. Handling and testing of samples containing hazardous materials may include additional costs.

WEEKEND SAMPLE PICKUPS

- To be in strict conformance with testing standards, it may be required that weekend pick-ups be performed (e.g., concrete specimens cast on Friday must be picked up during the weekend to be in conformance with ASTM C31 requiring specimens to be moved to their final curing location within 48 hours of casting.) Applicable charges for weekend work will apply when this is required. Should these charges not be authorized, then MTGL will not be held responsible for any negative consequences of non-conformance.

TERMS OF PAYMENT

- Invoices for all services will be submitted monthly. These invoices are due in full upon presentation to the client. Invoices outstanding over 45 days are considered past due and will be subject to a finance charge of 1.5% of the unpaid balance each month.
- All invoice errors or necessary corrections shall be brought to the attention of MTGL within 30 days of receipt of the invoice. Thereafter, the customer acknowledges invoices are correct and valid.

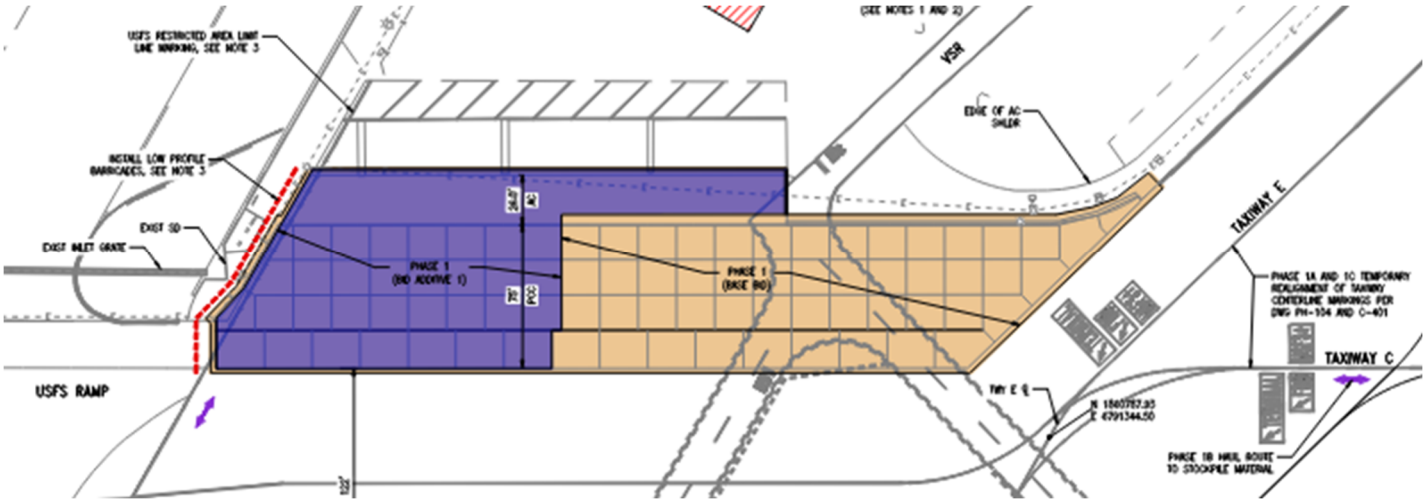
  MTGL reserves the right to terminate its services to a customer without notice if all invoices are not current. Upon such termination, the entire amount accrued for all services performed shall immediately become due and payable. The customer waives all claims against MTGL, its subsidiaries, affiliates, servants, and agents for termination of work on account of these terms.
- In the event of any litigation arising from or related to any agreement to provide services, whether verbal or written, the prevailing party shall be entitled to recover from the non-prevailing party all reasonable costs incurred, including staff time, court costs, attorney fees, and all other related expenses in such litigation. Additionally, in the event of a non-adjudicative litigation settlement between the parties or a dispute resolution by arbitration, that same process shall determine the prevailing party.
- Please note that field service rates will increase at 6% on July 1st for cost-of-living increases.

Our professional engineering, geology, and inspection services are performed per the industry's current standards of practice.
No other warranty or representation, express or implied, is made or intended.

San Bernardino International Airport (SBD)
Reconstruct North Aircraft Ramp
QUALITY ASSURANCE SURVEY SCOPE OF WORK

PROJECT UNDERSTANDING AND LIMITS

Quality assurance surveys are required to support the design of Proposed North Ramp improvements at San Bernardino International Airport (SBD), San Bernardino, CA. The survey limits are shown in the figure below.



SCOPE OF WORK

TASK 2: QUALITY ASSURANCE SURVEYS

Coordination and Badging*:** Prior to the start of the North Ramp project, ***two (2) survey field crews will be badged with the airport. This will allow for flexibility in schedule, both day and night hours, and will enable the survey team to be responsive to last minute requests.

***Horizontal and Vertical Control Surveys*:** Horizontal and vertical project control will be verified and supplemented as needed to support the quality assurance surveys during construction. The survey control will be tied horizontally and vertically into existing project controls at the airport. It is assumed that the existing or newly established survey controls will be tied to the North American Datum of 1983 (NAD83), California Coordinate System, Zone 5 coordinates and the North American Vertical Datum of 1988 (NAVD88).

Sub Grade, Base, Asphalt and Concrete: During the construction of the Taxiway improvements, the survey team will provide QA surveys to confirm the grades and layout. These surveys will be performed in three (3) mobilizations of the ramp construction; top of subgrade, top of base and top of final concrete and asphalt. The QA surveys will be collected at a 25-foot grid, unless otherwise directed by the client.

With each survey, field notes will be provided to show the differences, if applicable, between plan grades and layout, and actual grades and layout. After the third stage (Top of Final Concrete and Asphalt), an as-built sketch will be provided delineating the results of the survey. This as-built drawing will be provided in CAD and PDF format.

Striping (Temporary and Final): During the construction of the North Ramp improvements, the survey team will provide QA surveys to assist in the layout and verification of temporary and final striping. These surveys will be performed in two (2) mobilizations, one for temporary striping and one for final striping. The final striping will also be surveyed and included in the final as built drawing.

IRVINE | 220 COMMERCE, SUITE 150, IRVINE, CA 92062
OFFICE (949) 777-2000
WWW.GUIDAINC.COM

ASSUMPTIONS

The following assumptions have been made:

1) The survey data will be tied to existing SBD North American Datum of 1983 (NAD83), California Coordinate System Zone 5 and North American Vertical Datum of 1988 (NAVD88).
2) The survey limits defined above will be adjusted in the field where access is not available or provided.
3) An encroachment permit will not be required to perform the field surveys.
4) Airport badging is required. Badging will take place 1-2 months prior to the start of construction.
5) Airport escorts, if required, will be provided to the survey team at no cost.
6) 48-hour notification will be provided for each QA survey mobilization.
7) Access to the airport property will be allowed during normal business hours, 7a – 4p Monday through Friday.
8) If night is required, the field crew hours will be billed out at 125% of the regular field crew rate per California prevailing wage requirements.
9) All deliverables will be in AutoCAD Civil3D format.

EXCLUSIONS

The following services, and all other services not specifically listed herein, are excluded:

1) Subsurface utility investigation
2) Utility research and mapping
3) Services not specifically defined within this scope of work.

DELIVERABLES

The following deliverables are included within this scope of work:

1) QA Survey as-built report in AutoCAD and PDF formats
2) Field Notes in PDF format
3) ASCII Point Files

FEE ESTIMATE

The services defined herein will be provided on a time and materials basis for a ***not to exceed cost of $36,030.00.***

The services are broken out by task as shown in the detailed sheet below.

	PROFESSIONAL & TECHNICAL CLASSIFICATIONS									TOTALS	
Task Description	2-Person Survey Crew	2-Person Crew (Night)	Survey Analyst	Sr. Survey Analyst	Project Surveyor	Sr. Project Surveyor	Project Coordinator	Survey Project Manager	Survey Principal	TOTAL MAN HOURS	TOTAL DOLLARS
	$420.00	$525.00	$175.00	$195.00	$215.00	$255.00	$160.00	$300.00	$335.00		
Task: QUALITY ASSURANCE SURVEYS											
Labor Hours	40	16	24	0	4	0	2	14	2	102	$35,450.00
TOTAL HOURS	**40**	**16**	**24**	**0**	**4**	**0**	**2**	**14**	**2**	102	
									TOTAL LABOR	$35,450.00	
									TOTAL ODC	$580.00	
									GRAND TOTAL	**$36,030.00**	

EXHIBIT B

SUPERVISORY STAFF PERSONNEL

SBIAA Staff:

Chief Executive Officer
Director of Aviation
Director of Development
Airport Manager

EXHIBIT C

FAA CONTRACT PROVSIONS

I. VETERAN'S PREFERENCE. In the employment of labor (excluding executive, administrative, and supervisory positions), the Contractor and all sub-tier contractors must give preference to covered veterans as defined within 49 U.S.C. § 47112. Covered veterans include Vietnam-era veterans, Persian Gulf veterans, Afghanistan- Iraq war veterans, disabled veterans, and small business concerns (as defined by 15 U.S.C. § 632) owned and controlled by disabled veterans. This preference only applies when there are covered veterans readily available and qualified to perform the work to which the employment relates.

II. CIVIL RIGHTS ACT OF 1964, TITLE VI – CONTRACTOR CONTRACTUAL REQUIREMENTS. During the performance of this Agreement, the Consultant, for itself, its assignees and successors in interest agrees as follows:

A. General Civil Rights Provision. In all its activities within the scope of its airport program, the Contractor agrees to comply with pertinent statutes, Executive Orders, and such rules as identified in Title VI List of Pertinent Nondiscrimination Acts and Authorities to ensure that no person shall, on the grounds of race, color, national origin (including limited English proficiency), creed, sex (including sexual orientation and gender identity), age, or disability be excluded from participating in any activity conducted with or benefiting from Federal assistance.

This provision is in addition to that required by Title VI of the Civil Rights Act of 1964.

The above provision binds the Contractor and subcontractors from the bid solicitation period through the completion of the contract.

B. Title VI List of Pertinent Nondiscrimination Acts and Authorities. During the performance of this contract, the Contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "Contractor") agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d *et seq*., 78 stat. 252) (prohibits discrimination on the basis of race, color, national origin);

- 49 CFR Part 21 (Non-discrimination in Federally-Assisted programs of the Department of Transportation—Effectuation of Title VI of the Civil Rights Act of 1964) including amendments thereto;
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601) (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. § 794 *et seq*.), as amended (prohibits discrimination on the basis of disability); and 49 CFR part 27 (Nondiscrimination on the Basis of Disability in Programs or Activities Receiving Federal Financial Assistance);
- The Age Discrimination Act of 1975, as amended (42 .U.S.C. § 6101 *et seq*.) (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982 (49 U.S.C. § 47123), as amended (prohibits discrimination based on race, creed, color, national origin, or sex);
- The Civil Rights Restoration Act of 1987 (P.L. 100-259) (broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, the Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act of 1990 (42 U.S.C. § 12101, et seq) (prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities) as implemented by U.S. Department of Transportation regulations at 49 CFR Parts 37 and 38;
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. § 1681, et seq).

C. Compliance with Nondiscrimination Requirements**.** During the performance of this contract, the Consultant, for itself, its assignees, and successors in interest (hereinafter referred to as the "Consultant"), agrees as follows:

1. Compliance with Regulations. The Consultant will comply with the Title VI List of Pertinent Nondiscrimination Acts and Authorities, as they may be amended from time to time, which are herein incorporated by reference and made a part of this contract.

2. Nondiscrimination. The Consultant, with regard to the work performed by it during the contract, will not discriminate on the grounds of race, color, national origin (including limited English proficiency), creed, sex (including sexual orientation and gender identity), age, or disability in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The Consultant will not participate directly or indirectly in the discrimination prohibited by the Nondiscrimination Acts and Authorities, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR part 21 including amendments thereto.

3. Solicitations for Subcontracts, Including Procurements of Materials and Equipment. In all solicitations, either by competitive bidding or negotiation made by the Consultant for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier shall be notified by the Consultant of the contractor's obligations under this Agreement and the Nondiscrimination Acts and Authorities on the grounds of race, color, or national origin.

4. Information and Reports. The Consultant shall provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the SBIAA or the Federal Aviation Administration (FAA) to be pertinent to ascertain compliance with such Nondiscrimination Acts and Authorities and instructions. Where any information required of a Consultant is in the exclusive possession of another who fails or refuses to furnish this information, the Consultant shall so certify to the SBIAA or the FAA, as appropriate, and shall set forth what efforts it has made to obtain the information.

5. Sanctions for Noncompliance. In the event of the Consultant's noncompliance with the non-discrimination provisions of this Contract, the SBIAA shall impose such Contract sanctions as it or the FAA may determine to be appropriate, including, but not limited to:

a. Withholding of payments to the Consultant under the Contract until the Consultant complies, and/or

b. Cancellation, termination, or suspension of the Contract, in whole or in part.

6. Incorporation of Provisions. The Consultant shall include the provisions of paragraphs A through E in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations, and directives issued pursuant thereto. The Consultant shall take such action with respect to any subcontract or procurement as the SBIAA or the FAA may direct as a means of enforcing such

provisions including sanctions for noncompliance. Provided, however, that in the event a Consultant becomes involved in, or is threatened with, litigation with a subcontractor or supplier because of such direction, the Consultant may request the SBIAA to enter into such litigation to protect the interests of the SBIAA and, in addition, the Consultant may request the United States to enter into such litigation to protect the interests of the United States.

III. DISADVANTAGED BUSINESS ENTERPRISES.

A. The Consultant, subrecipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this Agreement. The Consultant shall carry out applicable requirements of 49 CFR Part 26, including any amendments thereto, in the award and administration of DOT assisted contracts. Failure by the Consultant to carry out these requirements is a material breach of this Agreement, which may result in the termination of this Agreement or such other remedy, as the recipient deems appropriate, which may include, but is not limited to:

1. Withholding monthly progress payments;
2. Assessing sanctions;
3. Liquidated damages; and/or
4. Disqualifying the Contractor from future bidding as non-responsible.

B. The prime Consultant agrees to pay each subcontractor under this prime Contract for satisfactory performance of its Contract no later than 30 days from the receipt of each payment the prime Consultant receives from the SBIAA**.** The prime Consultant agrees further to return retainage payments to each subcontractor within 30 days after the subcontractor's work is satisfactorily completed. Any delay or postponement of payment from the above referenced time frame may occur only for good cause following written approval of the SBIAA**.** This clause applies to both DBE and non-DBE subcontractors.

C. Termination of DBE Subcontracts (49 CFR § 26.53(f)) - The prime Consultant must not terminate a DBE subcontractor listed in response **to [include Solicitation paragraph number where paragraph 12.3.1, Solicitation Language appears]** (or an approved substitute DBE firm) without prior written consent of SBIAA. This includes, but is not limited to, instances in which the prime Consultant seeks to perform work originally designated for a DBE subcontractor with its own forces or those of an affiliate, a non-DBE firm, or with another DBE firm.

D. The prime Consultant shall utilize the specific DBEs listed to perform the work and supply the materials for which each is listed unless the Consultant obtains written consent of SBIAA. Unless SBIAA consent is provided, the prime Consultant shall not be entitled to any payment for work or material unless it is performed or supplied by the listed DBE.

E. SBIAA may provide such written consent only if SBIAA agrees, for reasons stated in the concurrence document, that the prime Consultant has good cause to terminate the DBE firm. For purposes of this paragraph, good cause includes the circumstances listed in 49 CFR §26.53.

F. Before transmitting to SBIAA its request to terminate and/or substitute a DBE subcontractor, the prime Consultant must give notice in writing to the DBE subcontractor, with a copy to SBIAA of its intent to request to terminate and/or substitute, and the reason for the request.

G. The prime Consultant must give the DBE five days to respond to the prime Consultant's notice and advise SBIAA and the contractor of the reasons, if any, why it objects to the proposed termination of its subcontract and why SBIAA should not approve the prime Consultant's action. If required in a particular case as a matter of public necessity (e.g., safety), SBIAA may provide a response period shorter than five days.

H. In addition to post-award terminations, the provisions of this section apply to pre-award deletions of or substitutions for DBE firms put forward by offerors in negotiated procurements.

IV. **<u>CERTIFICATION REGARDING LOBBYING</u>**. Consultant/Offeror certifies by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

A. No Federal appropriated funds have been paid or will be paid, by or on behalf of the Consultant, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

B. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant,

loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

C. The undersigned shall require that the language of this certification be included in the award documents for all sub-awards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all sub-recipients shall certify and disclose accordingly.

D. This certification is a material representation of the fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such failure.

V. <u>TRADE RESTRICTION CERTIFICATION</u>. By submission of an offer, the Offeror/Consultant certifies that with respect to this solicitation and any resultant contract, the Offeror:

A. is not owned or controlled by one or more citizens of a foreign country included in the list of countries that discriminate against U.S. firms as published by the Office of the United States Trade Representative (USTR);

B. has not knowingly entered into any contract or subcontract for this project with a person that is a citizen or national of a foreign country included on the list of countries that discriminate against U.S. firms as published by the USTR; and

C. has not entered into any subcontract for any product to be used on the Federal project that is produced in a foreign country included on the list of countries that discriminate against U.S. firms published by the USTR.

D. This certification concerns a matter within the jurisdiction of an agency of the United States of America and the making of a false, fictitious, or fraudulent certification may render the maker subject to prosecution under Title 18 USC Section 1001.

E. The Offeror/Consultant must provide immediate written notice to SBIAA if the Offeror/Consultant learns that its certification or that of a subcontractor was erroneous when submitted or has become erroneous by reason of changed circumstances. The Consultant must require subcontractors provide immediate written notice to the Consultant if at any time it learns that its certification was erroneous by reason of changed circumstances.

F. Unless the restrictions of this clause are waived by the Secretary of Transportation in accordance with 49 CFR § 30.17, no contract shall be awarded to an Offeror/ Consultant or subcontractor:

1. who is owned or controlled by one or more citizens or nationals of a foreign country included on the list of countries that discriminate against U.S. firms published by the USTR; or

2. whose subcontractors are owned or controlled by one or more citizens or nationals of a foreign country on such USTR list; or

3. who incorporates in the public works project any product of a foreign country on such USTR list.

4. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render, in good faith, the certification required by this provision. The knowledge and information of a contractor is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

5. The Offeror/ Consultant agrees that, if awarded a contract resulting from this solicitation, it will incorporate this provision for certification without modification in all lower tier subcontracts. The Consultant may rely on the certification of a prospective subcontractor that it is not a firm from a foreign country included on the list of countries that discriminate against U.S. firms as published by USTR, unless the Offeror/ Consultant has knowledge that the certification is erroneous.

6. This certification is a material representation of the fact upon which reliance was placed when making an award. If it is later determined that the Consultant or subcontractor knowingly rendered an erroneous certification, the Federal Aviation Administration (FAA) may direct through the SBIAA cancellation of the contract or subcontract for default at no cost to the SBIAA or the FAA.

VI. CERTIFICATION REGARDING DEBARMENT AND SUSPENSION.

A. Certification of Offeror/ Bidder Regarding Debarment. By submitting a bid/proposal under this solicitation, the bidder or offeror certifies that neither it nor its principals are presently debarred or suspended by any Federal department or agency from participation in this transaction.

B. Certification Lower Tier Contracts Regarding Debarment. The successful bidder, by administering each lower tier subcontract that exceeds $25,000 as a “covered

transaction", must verify each lower tier participant of a "covered transaction" under the project is not presently debarred or otherwise disqualified from participation in this federally assisted project. The successful bidder will accomplish this by:

1. Checking the System for Award Management at website: http://www.sam.gov;

2. Collecting a certification statement similar to the Certification of Offeror/Bidder Regarding Debarment, above;

3. Inserting a clause or condition in the covered transaction with the lower tier contract.

4. If the FAA later determines that a lower tier participant failed to disclose to a higher tier participant that it was excluded or disqualified at the time it entered the covered transaction, the FAA may pursue any available remedy, including suspension and debarment of the non-compliant participant.

VII. CERTIFICATION REGARDING DOMESTIC PREFERENCES FOR PROCUREMENTS. The Consultant certifies by signing and submitting this bid or proposal that, to the greatest extent practicable, the Consultant has provided a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States (including, but not limited to, iron, aluminum, steel, cement, and other manufactured products) in compliance with 2 CFR § 200.322.

VIII. PROCUREMENT OF RECOVERED MATERIALS. The following provision apply if this Agreement includes procurement of product that exceeds $10,000.

A. Consultant and subcontractor agree to comply with Section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act, and the regulatory provisions of 40 CFR Part 247. In the performance of this contract and to the extent practicable, the Consultant and subcontractors are to use products containing the highest percentage of recovered materials for items designated by the Environmental Protection Agency (EPA) under 40 CFR Part 247 whenever:

1. The agreement requires procurement of $10,000 or more of a designated item during the fiscal year; or

2. The consultant has procured $10,000 or more of a designated item using Federal funding during the previous fiscal year.

B. The list of EPA-designated items is available at www.epa.gov/smm/comprehensive-procurement-guidelines-construction-products.

C. Section 6002(c) establishes exceptions to the preference for recovery of EPA-designated products if the contractor can demonstrate the item is:

1. Not reasonably available within a timeframe providing for compliance with the contract performance schedule;

2. Fails to meet reasonable contract performance requirements; or

3. Is only available at an unreasonable price.

IX. **SEISMIC SAFETY**. The following provision only applies if the contract work involves construction of new buildings or addition to existing buildings.

A. In the performance of design services, the Consultant agrees to furnish a building design and associated construction specification that conform to a building code standard that provides a level of seismic safety substantially equivalent to standards as established by the National Earthquake Hazards Reduction Program (NEHRP). Local building codes that model their building code after the current version of the International Building Code (IBC) meet the NEHRP equivalency level for seismic safety. At the conclusion of the design services, the Consultant agrees to furnish the Owner a "certification of compliance" that attests conformance of the building design and the construction specifications with the seismic standards of NEHRP or an equivalent building code.

X. PROHIBITION OF COVERED UNMANNED AIRCRAFT SYSTEMS (UAS).

The Bidder or Offeror certifies that they are aware of and comply with relevant Federal statutes and regulations, including those from the Federal Aviation Administration (FAA), for operating unmanned aircraft systems (UAS) in accordance, and in compliance with all related requirements in the FAA Reauthorization Act of 2024 (Public Law 118-63), section 936 (49 U.S.C. § 44801 note).

Contractor warrants that all UAS operations will be conducted in full compliance with all applicable Federal Aviation Administration (FAA) regulations, including but not limited to 14 CFR Part 107, and any other applicable local, state, or Federal laws and regulations.

Sponsors and subgrant recipients cannot use AIP grant funds to enter into, extend, or renew a contract related to covered unmanned aircraft systems (UAS). This includes both procurement and operational contracts, as well as contracts with entities that operate such systems.

	TO: San Bernardino International Airport Authority Commission **DATE: May 27, 2026** **ITEM NO: 16** **PRESENTER: Mark Gibbs, Director of Aviation**

SUBJECT: **APPROVE PROCUREMENT OF A NEW STRIKER 6X6 3,000-GALLON AIRCRAFT RESCUE AND FIRE FIGHTING (ARFF) VEHICLE FROM OSHKOSH AIRPORT PRODUCTS, A DIVISION OF PIERCE MANUFACTURING, INC. (OSHKOSH) IN AN AMOUNT NOT TO EXCEED $1,395,335**

SUMMARY

Approval of this item would authorize the Chief Executive Officer to procure a new Oshkosh 3,000-gallon ARFF vehicle in an amount not to exceed $1,395,335. This procurement is subject to a final grant award by the Federal Aviation Administration (FAA) through the Airport Improvement Program (AIP).

RECOMMENDED ACTION(S)

Approve the procurement of a new Striker 6x6 3,000-gallon ARFF vehicle from Oshkosh Airport Products, a Division of Pierce Manufacturing, Inc. (Oshkosh) in an amount not to exceed $1,395,335 subject to a final grant award from the FAA; and authorize the Chief Executive Officer to execute all related documents subject to technical and conforming changes as approved by legal counsel.

FISCAL IMPACT

None. $1,100,000 of funding for this acquisition is included in the approved San Bernardino International Airport Authority (SBIAA) Fiscal Year 2025-2026 Budget, Budget Class 63 as a Capital Improvement Project, Project Number FAAs2602 – ARFF Vehicle. An additional $295,335 will be included in the proposed SBIAA Fiscal Year 2026-2027 Budget for a total of $1,395,335.

PREPARED BY:	Mark Gibbs
CERTIFIED AS TO AVAILABILITY OF FUNDS:	Mark Cousineau
APPROVED AS TO FORM AND LEGAL CONTENT:	
FINAL APPROVAL:	

BACKGROUND INFORMATION

The FAA requires airports certificated under CFR 14, Part 139 serving commercial passenger flights to provide ARFF services using specialized vehicles designed that are specific to commercial service airports. These specialized ARFF vehicles are eligible for grant funding through AIP administered by the FAA.

On January 28, 2026 the SBIAA Commission authorized Staff to advertise and solicit bids for this procurement. In accordance with SBIAA Policies and Procedures and FAA procurement requirements, bid documents were advertised and sent to companies known to build ARFF vehicles, from which Oshkosh submitted a sealed bid on April 23, 2026.

Subject to final grant award from the FAA, 90% of the project cost would be funded through AIP, the remaining 10% would be funded by SBIAA.

Upon execution of a contract with Oshkosh, a Striker 6x6 3,000-gallon ARFF vehicle would be delivered to the airport within 365-days. The vehicle would be equipped for service upon delivery and meets FAA grant fundable design elements that include: 670 HP turbocharged diesel engine, SFFF foam concentrate, single-stage centrifugal fire pump, hydraulically operated piercing nozzle, dry chemical integration deployed through a boom mounted turret, four Group 31 heavy duty batteries, HVAC system, 31,000 lb. load rated wheels, vehicle familiarization training, and warranty of: 1-year base vehicle, 4-years engine, 5-years transmission, 7-years water pump, and lifetime UPF tank.

The following additive vehicle accessories and systems are included in the total price from Oshkosh, but are not grant funded by the FAA: engine brake $10,449; 360-degree camera system $2,909; DVR digital recording system $3,628.

Staff recommends the Commission approve the above actions.

Attachments:

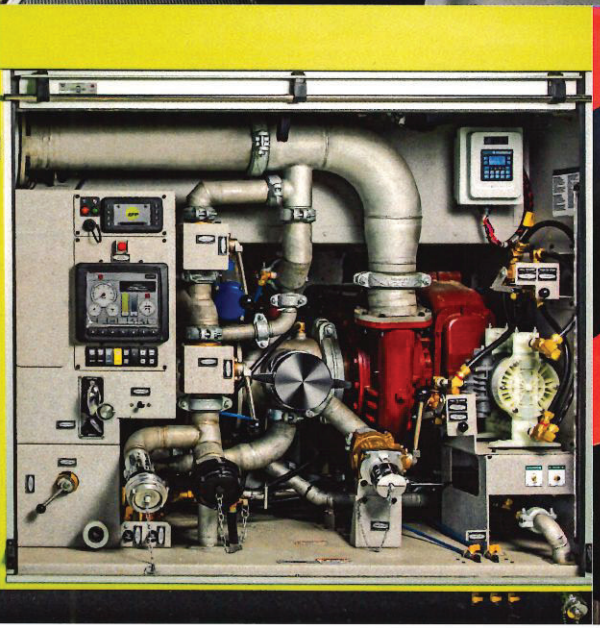
1. Oshkosh Striker 6x6 proposal

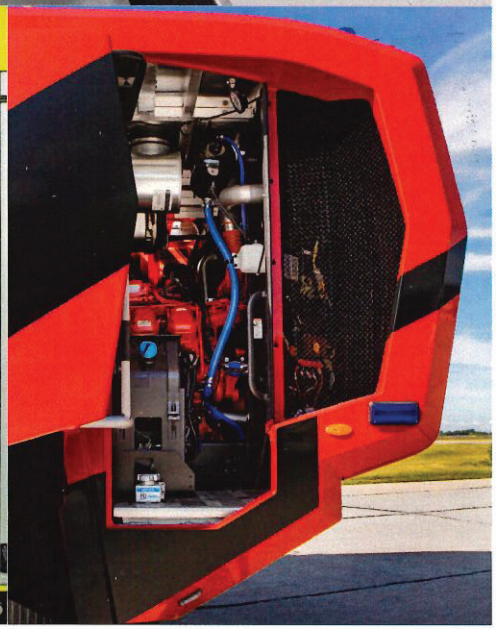
STRIKER

6x6

The Oshkosh® Striker® vehicle maximizes your firefighting arena. Get exceptional fire suppression, mobility, and safety in the redesigned 6x6 – with more technology and firefighting system options than ever before.

OSHKOSH
AIRPORT PRODUCTS





6x6 STRIKER

Take on ARFF hazards with extreme precision in the most unforgiving conditions. The Oshkosh® Striker® vehicle optimizes vehicle performance, response flexibility with available Snozzle® HRET, and true pump and roll in any condition.

UNMATCHED CHASSIS PERFORMANCE

- Exceeds NFPA, ICAO, FMVSS and EU standards
- Oshkosh patented TAK-4® all-wheel independent suspension
- Center steer for greater all-around visibility and control
- Electronic Stability Control (ESC) and side airbags available as options
- Oshkosh mechanical rear steer available

INNOVATIVE FIRE SUPPRESSION

- Oshkosh power divider allows for pump and roll in any condition
- Available Snozzle® HRET with 50′ or 65′ (15.2m or 19.8m) reach
- Dual crosslays allow access to handlines from either side of the truck
- Choice of standard pressure or ultra-high pressure pump systems
- Options for auxiliary firefighting systems include: 3M NOVEC 1230, CAFS, Halotron, and Dry Chemical Powder

SMART DESIGN

- Modular cab layout with switching and controls logically placed
- Spacious cab seats up to 5 firefighters
- Industry-leading forward visibility
- Walk-in rear service compartments allow for easy maintenance
- Oshkosh Command Zone™ system with built-in diagnostic support
- Oshkosh CARE™ clean cab system for increased carcinogen protection

COMPLETE SUPPORT

- 24/7/365 global support
- Comprehensive parts/technical support at
- Dedicated professional operators and maintenance training available

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OA-0002-STRKR6X6SUS 1/21

San Bernardino International Airport Authority

ARFF Vehicle Procurement Project

April 27, 2026

Oshkosh Airport Products
Bid Proposal Comments

We are pleased to offer our Striker® 6x6 3000-gallon Aircraft Rescue and Fire Fighting vehicle with Snozzle® High Reach Extendable Turret in response to your invitation to bid. The proposed vehicle meets the performance and construction requirements of NFPA 1900/414 and the FAA 150/5220-10F Advisory Circular. A full vehicle specification is enclosed detailing our product offering.

We find it necessary to clarify our product offering in major areas where the bid specification does not align with the FAA 150/5220-10F Advisory Circular requirements that apply to AIP funded projects.

Page CD-4 Acceleration
Requirement: "0 to 50 mph (0-80 km/h) in less than 25 seconds at full GVWR."
Comment: Acceleration from 0 to 50 mph will be less than 35 seconds in accordance with FAA 150/5220-10F Advisory Circular requirements for a Class 5, 3,000 Gallon ARFF vehicle.

Page CD-4 & CD-8 CTIS
Requirement: "CTIS: (flation Systemflation System); A system that allows real-time adjustment of tire pressures from within the cab to optimize traction and mobility."
Comment: A Central Tire Inflation System is not a selectable option within the FAA 150/5220-10F Advisory Circular and is being priced as an optional item.

Page CD-8 9.1 Power Rating
Requirement: "The engine shall be a turbocharged diesel engine producing not less than 700 horsepower (515 kW) and at least 2,300 ft-lb (3,119 Nm) of torque…"
Comment: The FAA 150/5220-10F Advisory Circular does not allow end users to specify the horsepower and torque ratings of the engine provided. The Proposed vehicle will be equipped with a 670 HP turbocharged diesel engine as described in the detailed proposal. The vehicle will meet the performance requirements of the referenced Advisory Circular.

Page CD-9 10.2 Engine Braking
Requirement: "The vehicle shall be equipped with an auxiliary braking system in the form of either an engine compression brake or an integral hydraulic or electric retarder…"
Comment: The engine brake described is not a selectable or approved option with in the FAA 150/5220-10F Advisoryc Circular and is being priced as an option.

Page CD-12 14.3 Foma Concentrate Tank

Requirement: "…In addition to the on-vehicle concentrate described above, the Contractor shall furnish a further quantity of SFFF foam concentrate equal to two hundred percent (200%) of the vehicle's total foam tank capacity…"

Comment: Our base vehicle price includes one tank fill of SFFF foam concentrate in accordance with FAA 150/5220-10F Advisoryc Circular requirements. Additional agent is priced as an option.

Page CD-13 Pump Type

Requirement: "The pump shall be a centrifugal type, constructed of corrosion-resistant material (bronze, stainless steel, or approved equivalent). …"

Comment: The FAA 150/5220-10F Advisory Circular does not allow end users to specify the material used in the water pump. The attached specification details our product offering. The water pump will be equipped with a cast iron housing, bronze impeller and stainless steel shaft meeting the construction and performance requirements of the FAA Advisory Circular.

Page CD-16 16.7 Piercing Nozzle

Requirement: "Deploying and retracting hydraulically, with position feedback displayed to the operator. Incorporating an automatic nozzle shutoff interlock to prevent agent release during retraction or stow."

Comment: The piercing nozzle will meet FAA 150/5220-10F requirements. The Piercing nozzle is hydraulically controlled. It does not utilize a hydraulic accumulator to pierce.

Page CD-16 16.8 Dry Chemical integration

Requirement: "Where dry chemical is routed through the BMT, a dedicated internal conduit shall be provided…"

Comment: Dry chemical will be routed through external piping and hoses to the boom mounted turret.

Page CD-21 18.2 Power Supplies and Batteries

Requirement: "The vehicle shall be equipped with a battery bank consisting of not less than two heavy - duty batteries of AGM, gel-call, or lithium construction…"

Comment: Four Group 31 heavy duty lead-acid batteries will be provided meeting FAA 150/5220-10F AC requirements.

Page CD-22 18.6 Scene and Utility Lighting

Requirment: "…A dimming or night-mode function shall be included in compliance with NFPA 1900 (2024) to reduce glare during nighttime operations."

Comment: Dash display and lighting will be provided with a user selected dimmer control.

Page CD-22 18.7 Emergency Warning Lights

Requirment: "A 360-dgree rooftop lightbar utilizing, red, white and amber lighting shall be provided…"

Comment: Warning lights as described in the attached vehicle specification will be provided in accordance with the FAA 150/5220-10F AC.

Page CD-28 19.5 HVAC and Environmental Control

Requirment: "Separate airflow zones shall be provided for front and rear seating positions, with both overhead and footwell vents…"

Comment: The HVAC system supplied will meet the requirements described in the attached vehicle specification.

Page CD-30 20.4 Gauging and Instrumentation

Requirment: "Flow meters shall be installed on each turret, each handline, and all foam injection points…"

Comment: Flow meters will not be provided for each turret, handline or discharge. Instrumentation will meet FAA 150/520-10F requirement.

Page CD-33 21.3 Wheels.

Requirment: "Wheels shall be constructed of aluminum or powder-coated steel and shall be rated for a minimum load of not less than 11,000 (4,994 Kg) per wheel. Wheel designs shall incorporated ventilation openings to promote cooling during heavy braking cycles."

Comment: Steel disc wheels with load ratings of 31,000 lbs per wheel will be supplied. Wheels do not incorporate ventilation openings.

Page CD-40 24 Lifecycle Support Deliverables

Requirment: "The tenderer shall include, within the offer price, a complete spare-parts and consumables list covering five-year operating period…"

Comment: Spare parts are not part of the FAA 150/5220-10D Advisory Circular and are not included in the quoted price.

Page CD-46 27 Warranty and Delivery

Requirment: "…Two (2) year comprehensive vehicle warranty; Five (5) years on engine and transmission; Lifetime structural frame warranty."

Comment: The warranty described is not in accordance with the FAA 150/5220-10F Advisory Circular. Please see the enclosed specification and warranty information. Extended warranty is priced as an option.

Page CD-46 27.5 Factory inspection and Acceptance Testing

Requirment: The manufacturer shall facilitate three (3) factory inspection trips for SBD and SBCoFD representatives – Pre-Construction, Midpoint and Final Inspection stages. All travel lodging and meals for up to three (3) representatives shall be provided by the manufacturer."…"

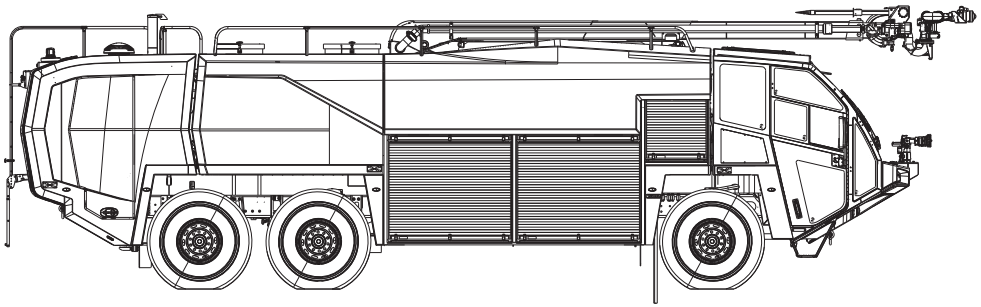
Comment: The inspection visit is quoted as an option in accordance with FAA 150/5220-10F AC guidelines.

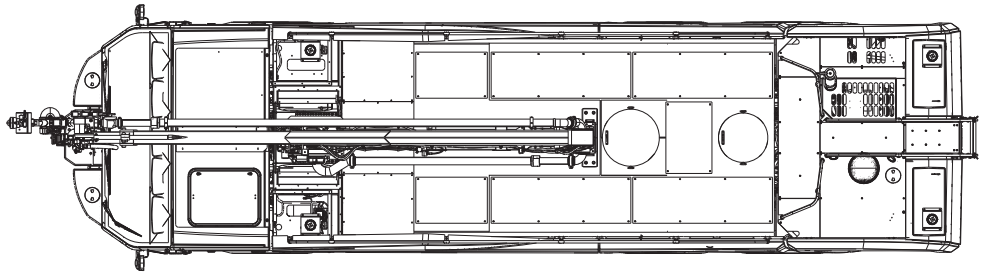
Feel free to contact the individual listed below if further information is required:

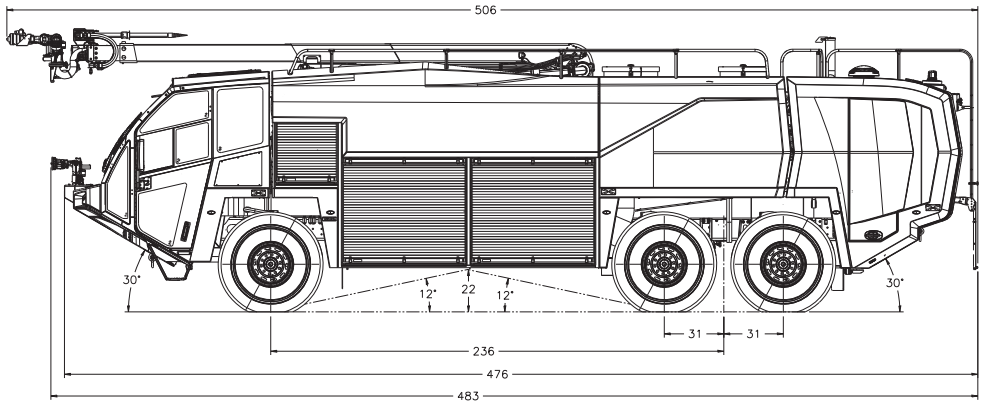
Dustin Raddatz – Senior Requirements Manager, ARFF Products
Phone: (920) 215-5127
Email: draddatz@airport.oshkoshcorp.com

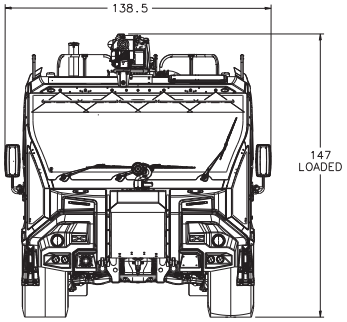
REVISION HISTORY

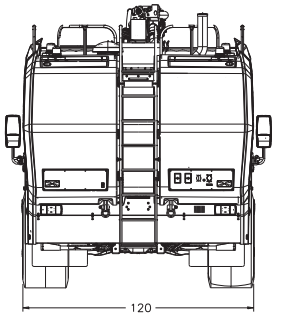
ZONE	REV	DESCRIPTION	CN	DATE	PREP	APVD











NOTES:

1. DIMENSIONS OR NOTES CONTAINED WITHIN PARENTHESES ARE FOR REFERENCE ONLY.
2. SEE ASME Y14.100 FOR DRAWING INTERPRETATION STANDARDS.

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LINEAR: 3 PLACES ±0.020
2 PLACES ±0.08
1 PLACE ±0.1
ANGULAR: 1 PLACE ±0.5°
TOLERANCES 0 PLACES ±2°
3RD ANGLE PROJECTION

CONTRACT NO.

REFERENCE:

MATERIAL:

APPROVALS	USER ID	DATE
PREPARED	U18606	2021/09/08
APPROVED		
MFG ENG		
CN		CATIA V5R29
MIN: N/A		
FINISH: N/A		

OSHKOSH DEFENSE, LLC
OSHKOSH, WI 54903 USA

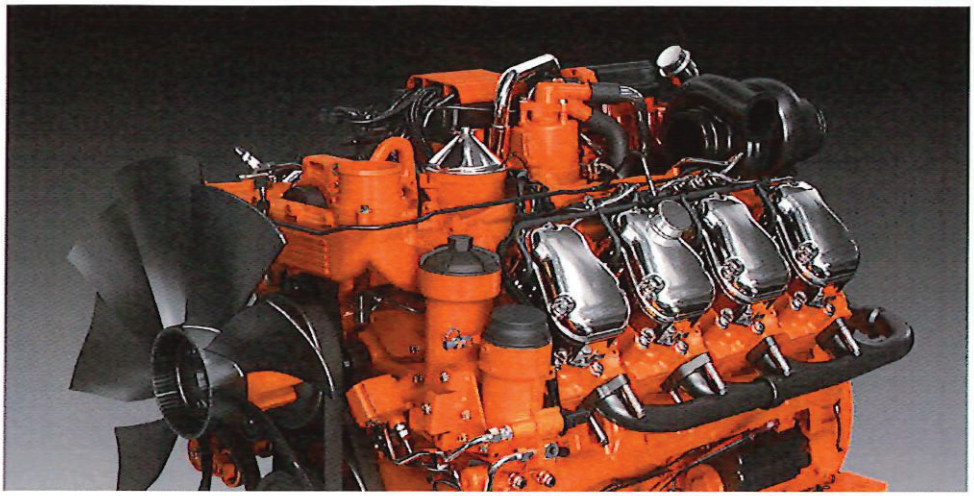
TITLE: STRIKER 6X6 3.0 W/SNOZ

SIZE	CAGE NO.	DWG NO.	REV
H	75Q65	ES0009000385	

SCALE N/A WEIGHT SHEET 01 OF 01

DC16 084A. 493 kW (670 hp)

EU Stage IV, US Tier 4f



The industrial engines from Scania are based on a robust design with a strength optimised cylinder block containing wet cylinder liners that can easiliy be exchanged. Individual cylinder heads with 4 valves per cylinder promotes repairability and fuel economy.

The engine is equipped with a Scania developed Engine Management System, EMS, in order to ensure the control of all aspects related to engine performance. The injection system is Scania's XPI (Extra High Pressure Injection), a common rail system that in combination with SCR (Selective Catalytic Reduction) and EGR (Exhaust Gas Recirculation) gives low exhaust emissions with good fuel economy and a high torque. The engine can be fitted with many accessories such as air cleaners, silencers, PTOs and flywheels in order to suit a variety of installations.

	Rating	Engine speed (rpm)			
		1200	1500	1800	2100
Gross power (kW)	IFN	390	493	493	493
Gross power (hp, metric)	IFN	530	670	670	670
Gross torque (Nm)	IFN	3104	3139	2615	2242
Spec fuel consumption. Full load (g/kWh)		194	195	199	215
Spec fuel consumption. 3/4 load (g/kWh)		194	192	199	215
Spec fuel consumption. 1/2 load (g/kWh)		200	196	199	215
Reductant consumption. Full load (g/kWh)		13	13	12	12

IFN – Intermittent service: Rated output available 1 h/6 hours period. Unlimited h/year service time at a load factor of 80%.

Note!
The fuel consumption values are valid when the engine uses fully warm after treatment system and in warm conditions. Fuel efficiency will be reduced during warm up and with colder ambient temperature, escpecially in combination with un-efficient thermal insulation of after treatment system.

Standard equipment
- Scania Engine Management System, EMS
- Extra high pressure fuel injection system, XPI
- Turbocharger (VGT)
- Fuel filter and extra pre-filter with water separator
- Fuel heater
- Oil filter, full flow
- Centrifugal oil cleaner
- Oil cooler, integrated in block
- Oil filler, in valve cover
- Deep front oil sump
- Oil dipstick, in block
- Magnetic drain plug for oil draining
- Starter, 1-pole 7.0 kW
- Alternator, 1-pole 100A
- Flywheel, for use with friction clutch
- Silumin flywheel housing, SAE 1 flange
- Front-mounted engine brackets
- SCR system
- EGR system
- Open crankcase ventilation
- Operator's manual

Optional equipment
- Prepared for cooling package
- Puller and pusher fans
- Fan ring with sealing
- Hydraulic pump
- Air compressor
- AC compressor
- Side-mounted PTO
- Front-mounted PTO
- Exhaust connections
- Electrical base system
- Control and instrument panels
- Accelerator position sensor
- Engine heater
- Flywheel: SAE14"
- Stiff rubber engine suspension
- Air cleaner
- Closed crankcase ventilation
- Studs in flywheel housing
- External thermostat for extra oil cooler
- Low coolant level reaction
- Variable idle speed setting
- Low oil sump
- Oil level sensor

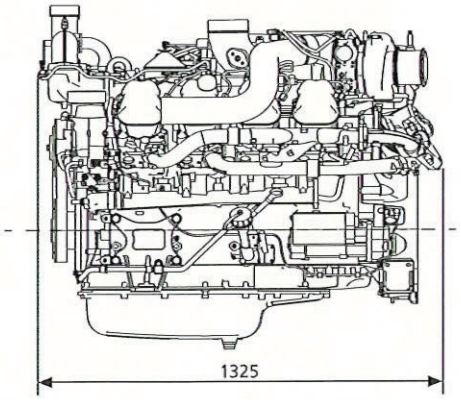
This specification may be revised without notice.

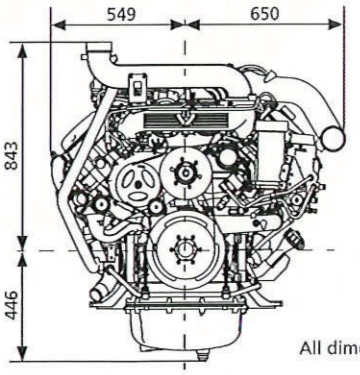
DC16 084A. 493 kW (670 hp)

EU Stage IV, US Tier 4f

Engine description

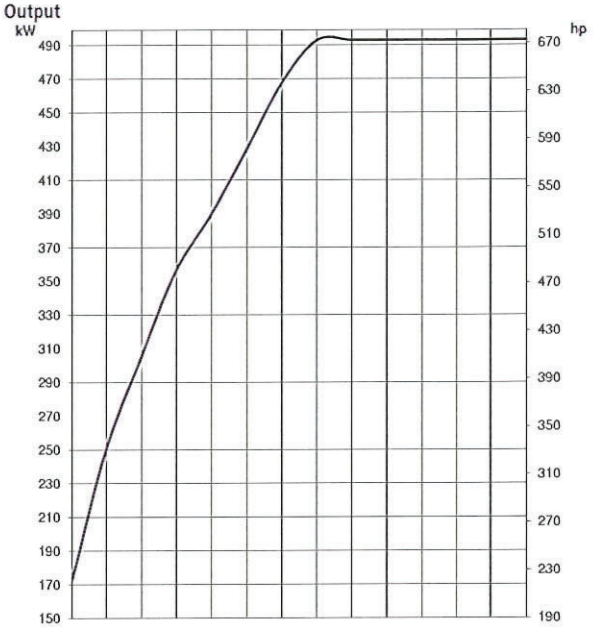
No of cylinders	90° V8
Working principle	4-stroke
Firing order	1 - 5 - 4 - 2 - 6 - 3 - 7 - 8
Displacement	16.4 litres
Bore x stroke	130 x 154 mm
Compression ratio	16.7:1
Weight	1340 kg (excl oil and coolant)
Piston speed at 1500 rpm	7.7 m/s
Piston speed at 1800 rpm	9.24 m/s
Camshaft	High position alloy steel
Pistons	Steel pistons
Connection rods	I-section press forgings of alloy steel
Crankshaft	Alloy steel with hardened and polished bearing surfaces
Oil capacity	35-45 dm³
Electrical system	1-pole 24V



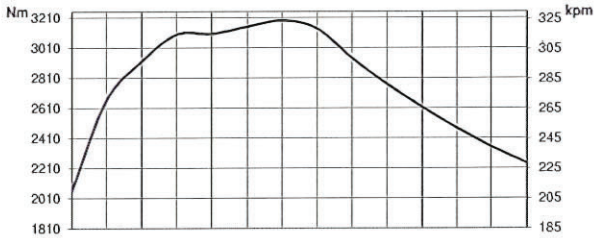


All dimensions in mm

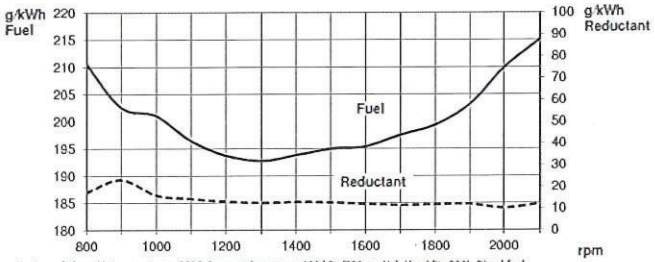
Output



Torque



Spec fuel and reductant consumption



Test conditions Air temperature +25°C. Barometric pressure 100 kPa (750 mmHg). Humidity 30 %. Diesel fuel acc. to ECE R 24 Annex 6. Density of fuel 0.840 kg/dm³. Viscosity of fuel 3.0 cSt at 40°C. Energy value 42700 kJ/kg. Power test code ISO 3046. Power and fuel values +/-3%.

SCANIA

SE 151 87 Södertälje, Sweden
Telephone +46 8 553 810 00
Telefax +46 8 553 829 93
www.scania.com
engines@scania.com

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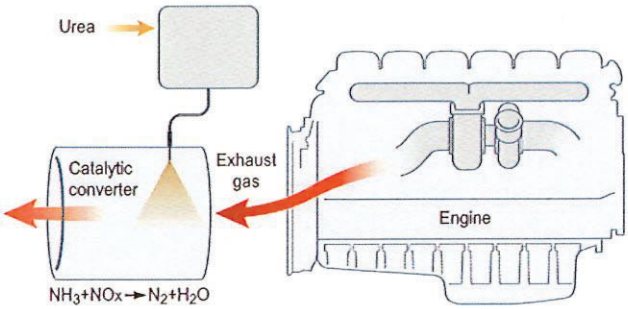
SCR system

EU Stage IV, US Tier 4f

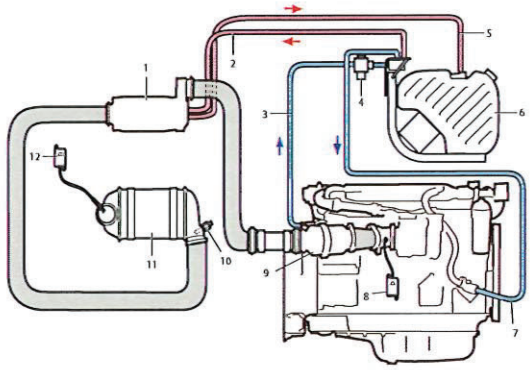


The principle for Scania SCR system

SCR (Selective Catalytic Reduction) technology is used on Scania's engines for EU Stage IV and US Tier 4f to reduce the NO_x content in the exhaust gases. A chemical process is started by injecting reductant, an urea and water mixture, into the exhaust gas stream. During injection the water evaporates and the urea breaks down to form ammonia. The ammonia then reacts with the nitrogen gases in the catalytic converter and forms harmless products such as nitrogen gas and water. Through the use of SCR the exhaust gases are purged of poisonous levels of NO_x in the best possible way. Scania is making use of a system that is carefully developed and tested in our own laboratory.

The reductant tank is available in different sizes and is heated by the engine's cooling system in order to avoid freezing of the urea solution; urea freezes at -11°C. The tank and a pump module are delivered as a unit which is fitted to brackets for an easy installation. The Scania system contains all mechanical and electrical parts needed except from the exhaust piping which is to be adapted according to the customers installation.

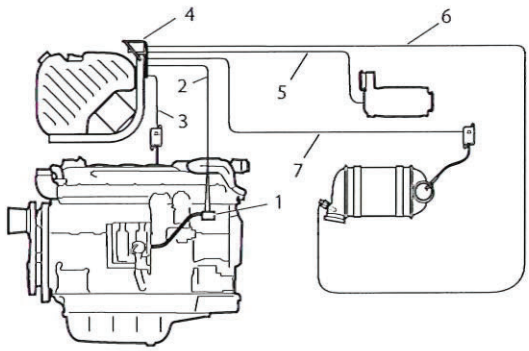
Mechanical system



		Standard	Optional
1	Evaporator module	✓	-
2	Reductant pressure line	2.5 m	4 m, 5 m, 6.5 m
3	Coolant hose for tank and pump heating	-	-
4	Coolant valve	✓	-
5	Reductant fluid return line	2.5 m	4 m, 5 m, 6.5 m
6	Reductant tank	38 l	45 l, 60 l, 63 l, 70 l
7	Coolant hose, return from tank and pump heating	-	-
8	NOx sensor with control unit	✓	-
9	Oxidation catalytic converter[1)]	Engine-mounted	Separately
10	Temperature sensor	✓	-
11	SCR catalyst	✓	-
12	NO_x sensor with control unit	✓	-

1) Not DC13 085A or DC16.

Electric system



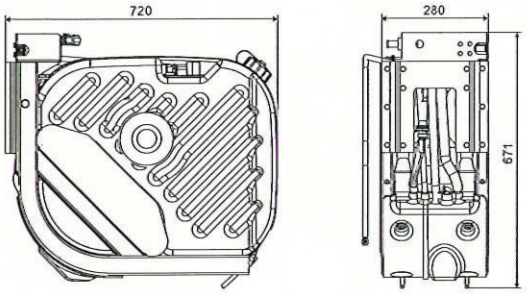
		Standard	Optional
1	Customer interface, SCR system	✓	–
2	between engine and SCR control unit	3 m	4.5 m, 6 m
3	NO_x sensor electrical cable	3 m	4.5 m, 6 m
4	Electrical interface, SCR system	✓	-
5	Reductant doser electrical cable	3 m	4.5 m, 6 m
6	Temperature sensor electrical cable	3 m	4.5 m, 6 m, 9 m
7	NO_x sensor electrical cable	3 m	4.5 m, 6 m, 9 m

This specification may be revised without notice.

SCR system

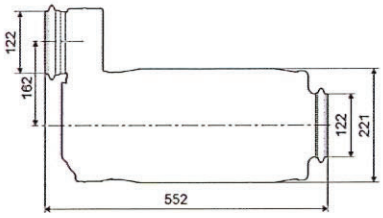
EU Stage IV, US Tier 4f

Reductant tank - 38 litres
Total volume: 50 litres
Filling volume: 38 litres

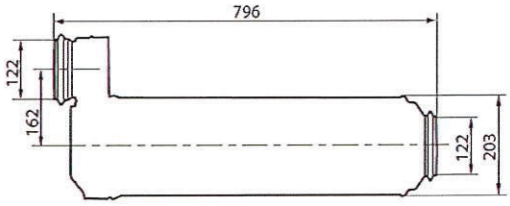


Other available sizes: 45 litres (total volume 62 litres)
60 litres (total volume 75 litres)
63 litres (total volume 80 litres)
70 litres (total volume 88 litres)

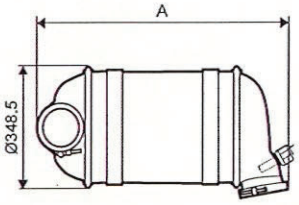
Evaporator module (DC9 and DC13)



Evaporator module (DC16)

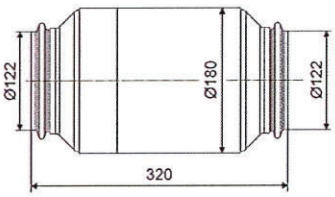


SCR catalyst



Engine	Dimensions A (mm)
DC09 (202 kW - 257 kW)	786
DC09 (276 kW - 294 kW)	900
DC13 (257 kW - 331 kW)	900
DC13 (368 kW - 405 kW)	970
DC16	970

Oxidation catalytic converter (not DC13 085A or DC16)



SCANIA
SE 151 87 Södertälje, Sweden
Telephone +46 8 553 810 00
Telefax +46 8 553 829 93
www.scania.com
engines@scania.com

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Rely On Allison When Every Second Counts

Specify Allison for more choices engineered to fit your needs.

RATINGS

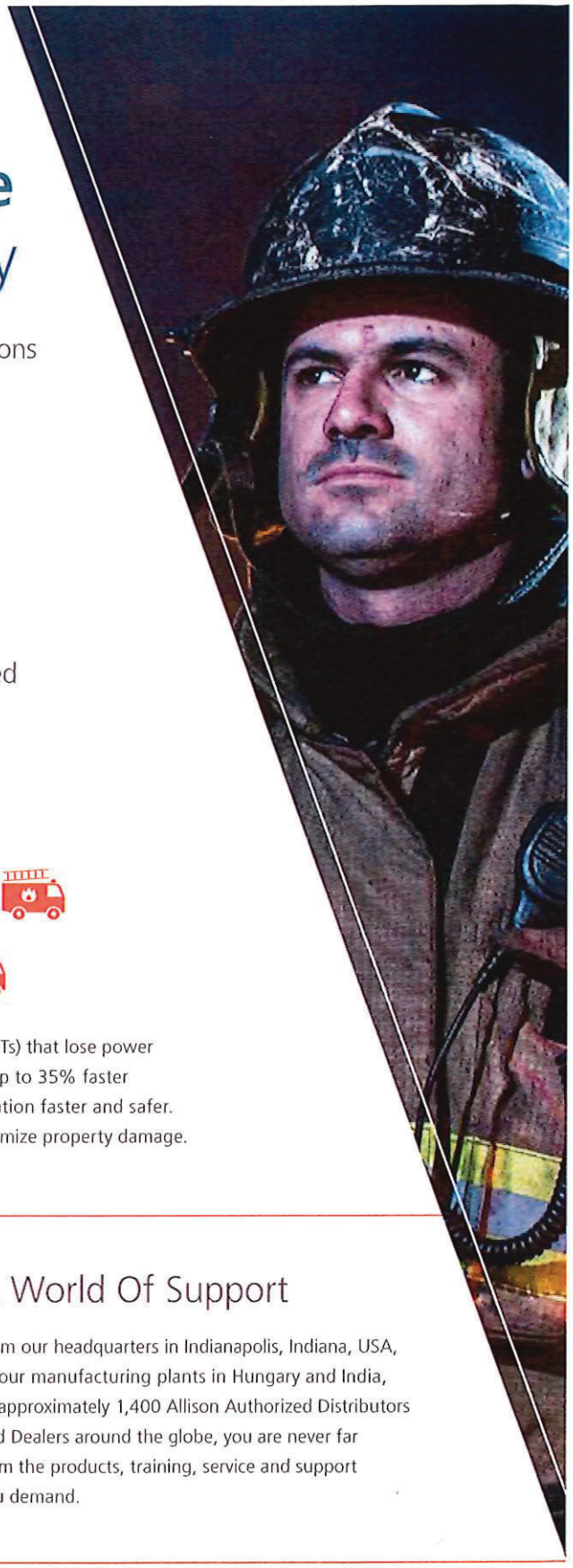
MODEL	RATIO	MAX INPUT POWER[1] hp (kW)	MAX INPUT TORQUE[1] lb-ft (N•m)	MAX INPUT TORQUE w/SEM TORQUE LIMITING[1,2] lb-ft (N•m)	MAX GVW lbs (kg)	MAX GCW lbs (kg)
1000 EVS	Close Ratio	340[3,5] (254)[3,5]	575 (780)	660[3,5] (895)[3,5]	19,500 (8845)	26,000 (11,800)
1350 EVS	Close Ratio	340[3,5] (254)[3,5]	575 (780)	660[3,5] (895)[3,5]	19,500 (8845)	30,000 (13,600)
2100 EVS	Close Ratio	340[3,5] (254)[3,5]	575 (780)	700[7] (950)[7]	26,000 (11,800)	26,000 (11,800)
2200 EVS	Close Ratio	340[3,5] (254)[3,5]	575 (780)	700[7] (950)[7]	26,000 (11,800)	26,000 (11,800)
2350 EVS[5]	Close Ratio	340[3] (254)[3]	575 (780)	700[7] (950)[7]	30,000 (13,600)	30,000 (13,600)
2500 EVS	Wide Ratio	340[3,5] (254)[3,5]	575 (780)	700[7] (950)[7]	33,000 (15,000)	33,000 (15,000)
2550 EVS[5]	Wide Ratio	340[3] (254)[3]	575 (780)	700[7] (950)[7]	30,000 (13,600)	30,000 (13,600)
3000 EVS	Close Ratio	450 (336)	1250 (1695)	N/A	—	—
3500 EVS	Wide Ratio	330 (246)	985 (1335)	N/A	—	—
4000 EVS						
4500 EVS	Wide Ratio	600 (447)	1770 (2400)	1850[4] (2508)[4]	—	—
4700 EVS						
– ARFF[6]	Widest Ratio	600 (447)	1850 (2508)	N/A	—	—
4800 EVS						
– ARFF[6]	Widest Ratio	700 (522)	1950 (2644)	N/A	—	—
4850 EVS						
– ARFF[6]	Widest Ratio	770 (574)	1950 (2644)	N/A	—	—

1 Gross ratings as defined by ISO 1585 or SAE J1995. 2 SEM = engine controls with Shift Energy Management. 3 SEM and torque limiting are required to obtain this rating.
4 Available in gears two through six. 5 Check with your OEM to ensure offerings. 6 Aircraft Rescue and Fire-Fighting Vehicle. 7 With 5th Gen controls. In ranges three through five.

Superior Acceleration = Shorter Response Time = **At Your Destination Faster**

Allison Transmission

Allison: The Most Reliable Choice For Fire + Emergency



- Unmatched reliability — designed for the toughest applications
- Faster acceleration
- Improved maneuverability
- Less maintenance and increased uptime
- Easier and safer to operate compared to other transmission technologies
- Available with a Power Take-Off (PTO) driven at engine speed

Manuals And Automated Manuals Spend More Time Getting Up To Speed

Allison Automatics Provide Up To 35% Faster Acceleration

Manuals & AMTs Accelerate Slower, Which Can Increase Response Time

Allison Automatics perform better than manual or automated manual transmissions (AMTs) that lose power and torque every time they shift, resulting in inefficient operation. They can give you up to 35% faster acceleration. Together with the correct driveline, an Allison will get you to your destination faster and safer. Superior acceleration results in shorter response time to save lives, treat injuries and minimize property damage.

Allison Transmission Authorized Service Coverage

A World Of Support

From our headquarters in Indianapolis, Indiana, USA, to our manufacturing plants in Hungary and India, to approximately 1,400 Allison Authorized Distributors and Dealers around the globe, you are never far from the products, training, service and support you demand.

One Allison Way
Indianapolis, Indiana, USA, 46222-3271

Information or specifications subject to change without notice or obligation.

SA7672EN (2015/06)
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Allison Transmission

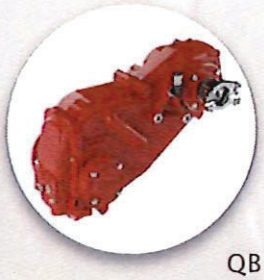
allisontransmission.com

ARFF FIRE PUMPS

CR/CRU

QA

Transmission Options



QB

The rugged and reliable Waterous CR / CRU single-stage centrifugal fire pump provides the discerning pro a large capacity pump either pedestal-mounted (CR, CRU models) or with an optional chain-driven transmission (CRQA, CRQB, CRUQB). This CR end-suction pump has a water delivery rated at 2050 GPM @ 250 PSI (7800 L/min. @ 17 bar). The CRU end-suction pump has a water delivery rated at 2640 GPM @ 250 PSI (10000 L/min @ 17 bar)

PERFORMANCE

- 2050 to 2640 GPM (7800 to 10,000 l/min)
- Maximum Pressure: 250 PSI (17 bar)

SPECIFICATIONS: MODEL CR/CRU HIGH-FLOW PUMP

FOR ARFF, MUNICIPAL AND INDUSTRIAL APPLICATIONS

CR/CRU Pump Performance							
	FLOW			PRESSURE			
Model	GPM	l/min	l/sec	PSI	bar	kPa	MPa
CR	2050	8000	130	250	17	1700	1.7
CRU	2640	10000	165	250	17	1700	1.7

Pump Specifications

Casing:
Gray iron (bronze optional)

Wear Rings:
Bronze replaceable wear rings to increase pump life and keep maintenance costs to a minimum.

Impeller:
Bronze, mechanically and hydraulically balanced to eliminate vibration.

Impeller Shaft:
Stainless steel, heat treated, ground to precise size and polished under shaft seal.

Seal Type:
Mechanical seal is standard (self-adjusting).

Intake:
8 inch (20.3 cm) flanged

Discharge:
5 inch (12.7 cm) Victaulic®

Discharge Positions:
Available in horizontal or vertical.

Bearings:
All bearings are oil-splash lubricated, anti-friction (ball-type), and located outside the pump casing to accurately align and support the impeller shaft assembly. Ball bearings are deep-groove or angular- contact type designed to carry both radial and axial thrust.

Warranty

Waterous Seven-Year Limited Warranty (Fire Fighting Applications Only)

Conditions of Sales

For details on Waterous Condition of Sales, refer to F-2190, *Conditions of Sales* located on the Waterous web site at www.waterousco.com or by contacting Waterous.

Optional Equipment

- Priming System, see F-2418
- Pressure Control Systems:
  - Discharge Relief Valve, see F-897
  - Intake Relief Valve, see F-2192
- Corrosion Protection – Zinc Intake Screens and Anodes
- Overheat Protection Manager, see F-2422
- Drain Valves, see F-1158
- Discharge Valves, see F-1161
- Discharge Positions:
- Available in 25° below horizontal, horizontal or vertical.
- Pneumatic Shift
- Transmissions Available:
  - QA (10-1/2 inch offset) ***CR Pumps Only***
    - Chain Driven
    - Gray-iron Case
    - 1:1 ratio
    - 1.750-10 SAE spline with Spicer 1550 Series End Yoke
  - QB (18-1/4 inch offset) ***CR Pumps Only***
    - Chain Driven
    - Aluminum Case
    - 1:06 ratio
    - 1.750-10 SAE spline with SPL Series 90 End Yoke
  - QB (18-1/4 inch offset) ***CRU Pumps Only***
    - Chain Driven
    - Aluminum Case
    - 1:072 ratio
    - 1.750-10 SAE spline with SPL Series 90 End Yoke

Industry Leading Sales and Support

When you purchase equipment, not only do you get quality products, you get quality service. Our expert service technicians are the best in the business and they are always happy to answer any service questions you might have.

Sales/Applications Assistance
Phone: 651-450-5234 (Press 3)
pumpsales@waterousco.com

Service Assistance
Phone: 651-450-5200
Fax: 800-488-1228
service@waterousco.com

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Proposal for **San Bernardino Int'l Airport (SBD)**

Prepared by **Airport Sales - Direct**

04/24/2026

OSHKOSH AIRPORT PRODUCTS

STRIKER®

DRIVEN TO RESPOND.

VEHICLE PERFORMANCE FIGURES/MEASUREMENTS

Balances and Clearances

The vehicle weight will be distributed as equally as practical over the axles and tires. The difference in tire load between tires on any axle will not exceed 5 percent of the average tire load for that axle. The difference in load between axles will not exceed 10 percent of the load on the heaviest axle meeting NFPA 414 requirements using the 24R21 tire size.

Approach & Departure Angles	30 degrees
Inter Axle Clearance Angle	12 degrees
Underbody Clearance	22.26 inches (565 millimeters)
Under Axle Clearance at Differential Housing Bowl	16.5 inches (419 millimeters)
Wall-to-Wall Turning Circle Diameter (Front Steer)	106 feet (32 meters)

Exterior Dimensions

The overall vehicle height, length, and width of the vehicle will be consistent with the rated payload and operational performance.

Overall Length	475 inches (12,065 millimeters)
Overall Width (Excluding Mirrors)	120 inches (3,048 millimeters)
Overall Height (Top of Handrails Fully Laden)	136 inches (3,454 millimeters)

Overall vehicle height and length indicated in table is with standard height handrails and rear roof access ladder equipped

Acceleration Performance

The fully laden vehicle acceleration will be from 0-50 mph (0-80 km/h) in 29 - 31 seconds depending on vehicle configuration as well as road and wind conditions. The fully laden vehicle acceleration time will not exceed 35 seconds per NFPA 414 requirements.

Top Speed Performance

The fully laden vehicle will have a minimum top speed of 71 mph (115 km/h) on a flat, level, improved (paved) surface.

Braking Performance

The brake system will meet the following performance requirements at gross vehicle weight (fully laden):

Service Brake:

Stopping Distance From	20 mph (32 km/h)	33 feet (10 meters) Maximum
Stopping Distance From	40 mph (64 km/h)	121 feet (37 meters) Maximum
Hold Fully Laden Vehicle On Grade	50% Minimum Descending	50% Minimum Ascending

Emergency Brake: (Depending on vehicle configuration)

Stopping Distance From	40 mph (64 km/h)	288 feet (88 meters) Maximum

Parking Brake:

Hold Fully Laden Vehicle on Grade	20% Minimum Descending	20% Minimum Ascending

Suspension Performance

An off-road, high mobility Oshkosh® TAK-4®, all-wheel independent suspension system will be provided resulting in no more than 0.5 g rms acceleration at the seat of the vehicle when traversing an 8 inch (24 centimeter) half round at 35 mph (56 km/h) without causing injury to the operating personnel, loss of vehicle control, or damage to the vehicle. The design will allow the vehicle to travel safely at minimum off-road speeds of 35 mph (56 km/h). The Oshkosh® TAK-4®, Independent suspension system design will allow for a minimum of 16 inches (406 millimeters) of total wheel travel and is NFPA414 and 150/522-10E certified.

Gradeability

The vehicle will be able to:

- Ascend a smooth, dry, paved road having a 20 percent grade and maintain a speed of at least 8 mph (13 km/h).
- Ascend and descend a dry, hard surface incline having a 50 percent grade at not less than 1 mph (1.6 km/h).
- Climb a vertical wall at least 18 inches (450 millimeters) high and negotiate terrain that will deflect the opposite wheels of the truck in alternately contrary directions at least 14 inches (360 millimeters).

Dynamic and Static Stability

The vehicle will meet the following stability requirements:

Side Slope Stability (Tilt Table Meeting SAE J2180)	30 degrees (58 percent grade)
Dynamic Balance (Min. Speed on 30 m (100 ft.) Radius Circle)	22 mph (35 km/h)
Capable of performing NATO double lane change at speed up to	50 mph (80 km/h)

Environmental Conditions

The vehicle will be capable of withstanding the following conditions without detrimental effect to the operation:

- Dust particles, as encountered in desert areas
- The corrosive effects of salt fog
- Material decay from fungus and mildew
- Relative humidity up to 100 percent
- Ambient temperature ranging from 17.6 to 122 degrees Fahrenheit (-8 to 50 degrees Celsius)

- Altitude ranging from 0 to 1,968 feet (0 to 600 meters)

CHASSIS DESIGN

The vehicle frame will be designed to provide the required strength and torsional rigidity of the ARFF vehicle application. The chassis frame rail will be high strength steel alloy with a minimum yield strength of 80,000 psi (551,500 kPa) and a section modulus of 49.4 in3 (809 cm3). The main frame rails will be rectangular tube type with minimum dimensions of 12 inches (305 millimeters) by 4 inches (102 millimeters) with a minimum wall thickness of .47 inch (12 millimeters). Frames will use bolted-in crossmembers with class 10.9 metric fasteners. The minimum width to the outside of the main frame rails of an assembled chassis will be 36 inches (914 millimeters). The vehicle frame, suspension, and mounting of major components will provide for diagonally opposite wheel motion of up to 14 inches (360 millimeters) above the ground without raising the remaining wheels from the ground or causing interference. The integrity and longevity of the main frame rails will not be compromised by any welding of bracketry, suspension parts, or reinforcements.

TOWING DEVICES

Four (4) towing hooks / eyes with shackles will be attached directly to the frame rails. Two (2) will be provided at the front of the vehicle and two (2) will be provided at the rear of the vehicle.

PAINT PROCESS

The vehicle shall be painted per Oshkosh Airport Products procedures and standards per PQCP-0309. All aluminum components shall be pre-treated prior to paint using an aluminum conversion coating process. All parts of the vehicle shall be cleaned, treated and primed prior to assembly and final painting. The paint applied to the vehicle shall be a durable, single color acrylic urethane.

CAB PAINT

The cab will be painted #35 Safety Lime (FLNA 10322), the fenders will be painted #35 Safety Lime (FLNA 10322), and the skidplate inserts will be painted #99 Semi-Gloss Black (FLNA 41735). Final colors and layout will be confirmed prior to vehicle construction.

BODY PAINT

The body will be painted #35 Safety Lime (FLNA 10322) , the chassis will be #99 Semi-Gloss Black (FLNA 41735) and the hubs will be painted #35 Safety Lime (FLNA 10322). Final paint colors and layout will be confirmed prior to vehicle construction.

SNOZZLE HRET PAINT

The Snozzle HRET will be painted #225 Metallic Gray (FLNA 90280) Final paint colors and layout will be confirmed prior to vehicle construction.

REFLECTIVE STRIPING / GRAPHICS

Striping and lettering will be provided and installed on the vehicle. The following items will be included in the standard graphics package:

- Four (4) 16 inch (406.4 millimeter) retroreflective graphic film unit numbers; one (1) on left side and of the vehicle, one (1) on the right side of the vehicle, one (1) on the rear of the vehicle, and one (1) on the front of the vehicle

- One (1) 24 inch (609.6 millimeter) retroreflective graphic film unit number on the cab roof of the vehicle
- The airport name in up to 6 inch (152.4 millimeter) retroreflective graphic film lettering on the left side of the vehicle and on the right side of the vehicle
- Two (2) up to 24 inch (609.6 millimeter) retroreflective graphic film airport logos/insignias, one (1) on the left side and on the right side of the vehicle
- Two (2) up to 16 inch (406.4 millimeter) retroreflective graphic film fire department logos/patches, one (1) on the left side of the vehicle and on the right side of the vehicle
- An 8 inch (203.2 millimeter) retroreflective graphic film horizontal band along the left side bodywork and right side bodywork
- An 8 inch (203.2 millimeter) retroreflective graphic film horizontal band across the rear bodywork

The numbers, lettering, airport logo and/or fire department logos can have the retroreflective graphic film substituted with vinyl to align with logo complexity, marketing, airport branding requirements or end user preferences.

The graphics package will be presented to and confirmed by the end user prior to approval packet submission.

REAR CHEVRON STRIPING

There will be alternating color chevron striping located on the rear facing vertical surface of the vehicle installed on the rear fiberglass panels. The stripes will be in a "V" pattern pointing upwards with the stripes meeting at the vehicle centerline. The chevron colors will be red and yellow diamond grade retroreflective material and each stripe will be 6 inches (152 millimeters) in width.

LABELS

The vehicle will be furnished with all informational, functional and safety related labels necessary for operating the vehicle and systems as required by local requirements. The labels will be in theEnglish language.

SWITCH LABELS

Labels will be installed above or below rocker switch banks and electronic controls to indicate the function of the switches. The labels will have a black background with white lettering in the English language. Labels will be installed on the following controls (if applicable):

Cab Interior Rocker Switch Labels

- Agent activation
- Firefighting system discharges
- AC powered lighting
- DC powered lighting
- Upper discharge functions
- Lower discharge functions
- Emergency lighting
- Cab interior lighting
- Chassis controls

- Defroster fans / heated mirror / winterization controls
- Power window controls
- Bus style door controls (if equipped)

Cab Interior Rotary Switch Labels

- Ignition / engine start
- Headlight / marker lights
- Driveline lock
- Electric mirror adjustment

Body Rocker Switch Labels

- Left structural panel function controls

ENVIRONMENTAL CONDITIONS

The vehicle will be capable of operation in temperatures ranging from 0 C (33 F) to 50 C (122 F).

CAB ERGONOMICS AND ACCESSORIES

Cab Features

The cab will be 3-point mounted on rubber bushings and constructed of welded aluminum extrusions, aluminum plates and bonded fiberglass panels. The design and construction of the cab will provide the best strength to weight ratio to prevent cab collapse in the event of a vehicle rollover. The cab will comply with ECE R29-3 standards/directive for occupant protection of a commercial vehicle. The cab will include gutters of sufficient size to prevent foam and water from dripping onto the windshield and side windows during turret discharge operations. The cab will have a minimum internal volume of 275 cubic feet (7.79 cubic meters) with a lateral field of vision of 254 degrees (127 degrees left and right of center), with 90 degrees upward and 25 degrees downward visibility when measured from the center of the cab. The cab ground visibility for the driver will be a minimum nearest point of 8.8 feet (2.7 meters) in front of the vehicle.

The cab will have the following features:

- Control console provided between driver and officer positions
- Dashboard console and gauges in front of driver position
- Integrated electronic control and diagnostic systems
- Interior surface coating will be a painted durable grey spatter type finish

CAB VISIBILITY

There will be a total of 7.8 m² (84 ft².) area for superior visibility of shatterproof automotive tinted safety glass installed in the cab for all windows certified to DOT and ECE 43.
The window measurements will be as follows:

1. A tinted single-piece laminated windshield 3.99 m² (42.9 ft².).
2. Tinted tempered glass upper door window with surface area of 0.66 m² (7.15 ft².).
3. Tinted tempered glass upper rear cab window with surface area of 0.41 m² (4.44 ft².).

4. Tinted tempered glass front angled lower corner window with surface area of 0.34 m² (3.7 ft².).
5. Tinted tempered glass lower door window with surface area of 0.5 m² (4.9 ft².).

CAB DOOR WINDOWS

The cab doors will be equipped with electric controlled slide type windows. There will be a control switch provided for each cab door sliding window that are accessible by the seated driver and turret operator. located on the center console.

CAB MIRRORS

The vehicle cab will be equipped with two (2) Rosco 8 inch x 17 inch (203 millimeters x 432 millimeters) door mounted combination upper and lower convex mirrors, one (1) located on each side of the cab. The upper flat glass mirrors and lower convex glass mirrors on each side will be heated and electrically adjustable. The horizontal rotational viewing range will be no less than 60 degrees. Electrical switches for the mirror adjustment and heating feature will be provided within easy reach of the driver.

Two (2) rectangular convex lens spotter mirrors will be provided on the A pillars of the cab structure to eliminate blind spots in front of the vehicle. One (1) mirror will be mounted on the left side of the vehicle and one (1) mirror will be mounted on the right side of the vehicle.

WINDSHIELD DELUGE SYSTEM

The cab windshield will be equipped with a deluge system. Four (4) nozzles will be spaced across the face of the cab above the windshield to distribute water. The nozzles will be constructed from brass and have a 40 degree tapered edge flat spray pattern.

The deluge system will have a 24-volt DC pump motor to draw fresh water from the vehicle water tank. Two (2) 24-volt DC valves will be incorporated in the deluge piping to supply water when activated and will automatically drain the deluge system piping when deactivated. The deluge circuit will include an in-line serviceable strainer and quarter-turn shut off valve for system maintenance. The piping drain outlet will be located behind the left front lower body compartment and will drain onto the ground.

The deluge system will be activated by a backlit momentary ON/OFF rocker switch in the cab. When switched on the windshield wipers will be activated automatically while the system is in operation. The activation switch will have a pictogram applied to the surface for identification.

CAB STEPS

There will be a heavy duty step provided below the left side and right side cab doors. The steps will include an aggressive pattern on the stepping surface to provide high traction when entering or exiting the cab. The step design will be self-cleaning so that a maximum amount of water, snow, mud or other debris can fall off or through the step. The step will be collapsible and spring loaded to allow the step to contact obstacles and ensure that the required 30 degree angle of approach at the front of the of the vehicle and return to the default shape.

CAB DOORS

Access to the cab will be gained with a single hinged door located on each side of the vehicle that opens at least to a 90-degree angle. Woven nylon door check straps will be installed on each door to limit opening travel. The bottom of the cab door openings will include scuff plates for surface protection.

CAB DOOR INTERIOR GRAB HANDLES

The cab doors will have angled tubular grab handles with an integrated door opening mechanism. The door opening mechanism will be operable with a gloved hand and release the door latch when the interior button/lever is depressed. The door grab handles will have a durable single stage semi-gloss black paint applied to the surface.

CAB INTERIOR

The cab will be weather-tight, acoustically and thermally insulated to provide noise level not to exceed 85 dB (A) at the driver's ear position. Foam-backed black textured rubber material will cover the interior floor of the cab. The rear wall of the cab will have vinyl covered foam material to dampen noise.

CAB SUN VISORS

There will be five (5) double swing sun visors provided across the top of the cab interior just behind the windshield. One (1) will be provided in the center for the driver seating position and two (2) will be provided on each side of the center visor for the crew positions. Each padded visor will be approximately 19.7 inches (500 millimeters) wide and 7.2 inches (183 millimeters) tall. The visors will be adjustable and covered in a dark grey vinyl material.

CAB GRAB HANDLES

There will be grab handles covered with cushioned and slip resistant material located inside the driver's and passenger door openings to facilitate safe entry and exit from the cab. The grab handles will be placed to ensure three-point contact can be maintained.

CAB CENTER CONSOLE

The cab will have a flat top center console located in between the driver and turret operator seating positions. The upper surface of the center console will be parallel with the cab floor.

ROOF HATCH

The roof hatch will be constructed from acrylic and will be located on the left side of the cab roof above the outermost seat. The roof hatch will have two (2) manual latches to secure the hatch closed and two (2) gas shocks to hold the hatch lid in the open position.

CREW SPACE

DRIVER POSITION (CENTER)

The driver's seat will be Seats, Inc., 911 Series SCBA type with an integral 3-point seat belt. The seat will be air-ride adjustable, include a fixed back design and manual forward/backward slide adjust feature. The seating material will be black vinyl resistant to wear and staining.

The SCBA storage device will be IMMI SmartDock. The SCBA holder will provide single motion insertion and hands free release of the SCBA, will use no straps and have an inertia locking feature to prevent the SCBA bottle from becoming a projectile.

RIGHT TURRET OPERATOR SEAT POSITION

The right side turret operator/officer seat will be a Seats, Inc., 911 Series SCBA compatible with an integral red 3-point seat belt. The seatback will have a non-adjustable design and will be a slide

adjustable, non-suspension type. The seating material will be vinyl, black in color and resistant to wear and staining.

The SCBA storage device will be an IMMI SmartDock. The SCBA holder will provide single motion insertion and hands free release of the SCBA, will use no straps and have an inertia locking feature to prevent the SCBA bottle from becoming a projectile.

LEFT INSIDE SEAT POSITION

The left inside seat will be a Seats Inc., 911 Series SCBA compatible with an integral red 3-point seat belt. The seat will have a non-adjustable design and will be fixed mounted. The seating material will be vinyl, black in color and will be resistant to wear and staining.

The SCBA storage device will be an IMMI SmartDock. The SCBA holder will provide single motion insertion and hands free release of the SCBA, will use no straps and have an inertia locking feature to prevent the SCBA bottle from becoming a projectile.

LEFT OUTSIDE SEAT POSITION

No seat will be provided in the left outside seating position.

RIGHT INSIDE SEAT POSITION

There will be no seat provided to the right rear of the driver seating position.

CAB HVAC (HEATING, VENTILATION, AIR CONDITIONING)

The cab will be heated and cooled by a dual air conditioning and heating system with two (2) separate HVAC units. The controls for the HVAC will be backlit and provided to the left of the driver seating position with:

- A rotary control for temperature control from hot to cold
- A rotary control for vent control to blend from full defrost to full vent
- A rotary control for fan speed with OFF, LOW, MEDIUM, and HIGH positions
- A button to activate air conditioning with indicator light
- A button to activate the recirculate function with indicator light

A Bergstrom HVAC unit will be incorporated into the structure of the cab dashboard and a remote Bergstrom HVAC unit will be mounted to the rear wall of the cab behind the driver seat. The dashboard HVAC unit will have an output of 22,300 BTU for cooling and 48,300 BTU for heating the remote HVAC unit will have an output of 19,000 BTU for cooling and 37,000 BTU for heating.

Air Conditioning Operation

The cab air conditioning system will be charged with HFC R134A refrigerant. The air conditioning system compressor will have a displacement of 313cc and will be driven by a serpentine belt drive mounted on the engine.

Heat Operation

The cab heating system will use a propylene glycol/water mixture. The cab heating system will be incorporated into the engine cooling system and will use coolant circulated by the engine water pump.

SIREN / PA SYSTEM

Siren Head
The vehicle will be equipped with a full function siren with public address capability. The siren will be a Whelen, Model 295SL series. The siren head will be backlit for visibility in dark or low light conditions. The siren system will include a hard wired microphone.

Siren Speaker
There will be one (1) Whelen, Model SA315 Series 100-watt speaker mounted at the lower portion of the front skidplate assembly.

AIR HORNS
There will be a set of dual high/low stutter-tone Hadley air horns mounted underneath the cab, forward of the driver. The horns will be activated by a momentary switch located at the center of the steering wheel.

FOOT SWITCHES

DRIVER POSITION
There will be two (2) foot switches provided in the cab at the driver seating position. One (1) foot switch will activate the vehicle air horns and one (1) foot switch will activate the siren or public address system.

TURRET OPERATOR POSITION
There will be two (2) foot switches provided in the cab at the turret operator seating position. One (1) foot switch will activate the vehicle air horns and one (1) foot switch will activate the siren or public address system.

VIDEO SYSTEMS

Thermal Imaging Camera
There will be a Teledyne FLIR, MD-625, NFPA 2020 compliant thermal imaging camera fix mounted to the HRET turret. The thermal imaging camera will aid the driver and crew during complete darkness, severe weather, smoky, foggy or other low visibility conditions. The camera will follow the HRET turret movement for rotation and elevation.

REAR NAVIGATION CAMERA
There will be a rear facing navigation camera to aid in movement while traveling in reverse or to view the area directly behind the vehicle. A compact, fixed image color camera will be provided and will feature LED infrared illuminators to enhance the visible image in low-light situations. The infrared LEDs will have automatic day/night sensing to adjust the image in all lighting conditions. The camera will be mounted at the midpoint of the rear ladder, will activate automatically when the vehicle is placed in reverse and will have a manually activated switch in the cab. The camera image will be shown on the in-cab 12 inch (304.8 mm) color display.

CONTROLS

All instruments, warning lights and controls relative to truck operation will be displayed to the left of the driver so that they will be useful, convenient, and visible to the driver. All instruments, warning lights and controls relative to the firefighting system will be displayed to the right of the driver for center steer so that they will be ergonomic, convenient, and visible to both the driver and the officer (turret operator). Agent activation to be clearly identified with color coded switches providing the operator immediate identification of the agents. Blue will identify water, Yellow will identify water/foam, and Purple will identify dry chemical powder.

There will be a 12 inch (304.8 mm) display provided in the center of the cab control panel to aid the driver and turret operator. The display will show pump pressure, water levels, foam levels, roof turret position as well as diagnostics with fault codes. The display utilizes the Oshkosh designed control electronics which is CAN based and uses D-Series modules. The display can be user customizable and be programmed for any language.

The following cab mounted controls will be provided as a minimum:

- Accelerator Pedal
- Air Conditioner Controls
- Brake Pedal
- Color Coded Complementary Agent / System Activation
- Rotary Differential Lock Control
- Dome Light Switch Manual / Door Activated
- Foam Concentrate Reservoir Control Valve
- Headlight Switch w/ Dimmer Control
- Heater / Defroster Controls
- Horn Control
- Master Electrical Disconnect Switch (located in engine compartment)
- Panel Lights Switch with Dimmer
- Parking Brake Control
- Power Adjustable Mirror Control
- Rotary Ignition Start/Stop Switch
- Siren Switch with Microphone
- Switches for Emergency Beacon(s) / Strobe(s)
- Switches for Exterior Lights
- Switches for Non-Emergency Amber Beacon(s) / Strobe(s)
- Tilt / Telescoping Steering Wheel Column
- Transmission Range Selector
- Turret Control
- Windshield deluge
- Windshield Wiper and Washer, column mounted
- Cup Holders
- Hand throttle

INSTRUMENTS AND WARNING LIGHTS

The following instruments and warning lights will be provided in the cab:

- Air Pressure (brake and other air-driven accessories)
- Complementary Agent Tank-Charged Indication
- Beacon / Strobe Indicator (s)
- Foam Agent Tank Level Indicator
- Water Tank Level Indicator
- Water Pump Pressure
- Low Air Pressure Warning
- Compartment Door Open Indicator
- Differential Lock Indicator
- Engine Coolant Temperature
- Engine Tachometer
- Fuel Level
- Headlight Beam Indicator
- Speedometer / Odometer
- Voltmeter
- Low Engine Coolant Audible / Visual Alarm
- Digital clock
- Low Oil Pressure / High Water Temperature Audible / Visual Alarm
- Complementary Agent System Pressure Indicator
- Two (2) 12-volt DC accessory power outlets, one (1) each side (keep alive powered)
- Two (2) 5-volt DC USB A ports, one (1) each side (keep alive powered)

LATERAL ACCELEROMETER

There will be an electronic rollover warning system provided. The system will detect "g" forces exerted on the vehicle. A display will be integrated into the vehicle dash in view of the driver and include an audible alarm. The sensor base unit will be installed in an easily accessible location within the cab.

ELECTRICAL SYSTEM

LIGHTING AND MARKING SYSTEM

The vehicle will be equipped with lighting designed and installed to be compliant with requirements of Federal Motor Vehicle Safety Standard - FMVSS 108.

CLEARANCE / MARKER LIGHTING

All clearance and marker lights will be LED type, 24-volt DC. The lights will be placed in the required locations at the front, sides and rear of the vehicle.

A minimum of four (4) amber LED side marker lights will be located on each side of the vehicle.

One (1) red LED marker light will be located on each side of the vehicle nearest to the rear.

Five (5) amber LED clearance lights will be mounted at the front of the vehicle.

A centered high mount red LED brake light will be installed at the rear of the vehicle and a series of five (5) red LED clearance lights will be mounted at the rear across the top of the bodywork.

TURN SIGNAL INDICATORS

Amber LED lights will be integrated into the headlight placed at the front bumper to function as front marker and turn signal indicator lights.

Two (2) LED light assemblies will be installed at the rear of the vehicle with integrated reverse, stop, tail and turn light functions. The amber turn signal indicators will be located at the outside edge of each assembly, the red tail/brake lights will be located in the middle and clear backup lights will be located to the inside of the housing. The turn signals will be self-cancelling by the cancel cam in the steering column.

HEADLIGHTS

There will be two (2) FMVSS/ECE compliant LED headlights installed, one (1) on each side at the front of the vehicle. The headlights will be certified for local requirements for right-hand traffic (RHT/left-hand steering). A rotary headlight activation switch will be provided on the dashboard and a high/low beam headlight dimmer switch will be provided on the steering column.

HEADLIGHT ALTERNATING FLASH

The high beam headlights will have an alternating flash emergency lighting function. An activation switch will be provided in the cab emergency lighting switch panel to control the high beam flash. The headlight flash switch will be enabled only when the ignition and master warning light switches are both in the on position. The alternating flash functions will automatically be deactivated when the headlight switch is active and the high beam headlights are activated.

GROUND LIGHTING

There will be ground lighting installed under the vehicle to illuminate the adjacent ground/work area. The ground lights will be IP 68 rated Luma Bar white LED strip lights encased in aluminum housings. There will be an ON/OFF ground lighting activation switch located in the cab and in addition, the ground lighting will only operate with the parking brake applied and transmission in neutral. The eight (8) lights will be distributed as follows:

- Two (2) under the cab doors, one (1) on each side
- Four (4) under the body compartments, two (2) on each side
- Two (2) under the rear of the vehicle, one (1) on each side aimed rearward

FOG / DRIVING LIGHTS

No drive lights or fog lights will be provided.

SECONDARY DAYTIME RUNNING LIGHTS

No secondary DRL (daytime running lights) will be provided on the front skidplates.

LICENSE PLATE ILLUMINATION

There will be two (2) license plate brackets with LED lights provided on the vehicle to install standard U.S. sized license plates. One (1) license plate bracket with LED illumination will be installed on the left

the front skidplate and one (1) license plate bracket with LED illumination will be installed at the left rear of the vehicle. The license plate lights will be activated with the marker lights.

CAB SCENE / WORKLIGHTS

There will be two (2) 24-volt DC J.W. Speaker 7250T LED front worklights provided above the cab windshield. The spotlights will have a trapezoidal beam pattern with an output of 3,715 raw lumens and an output of 2,204 effective lumens. The light housings will be constructed from black polycarbonate and the lens will be clear polycarbonate.

The cab worklights will be activated from an ON/OFF momentary rocker switch in the cab.

SCENE / WORKLIGHTS - SIDE

There will be four (4) 24-volt DC, J.W. Speaker 7250T LED side worklights provided on the vehicle. Two (2) lights will be installed on the left side of the vehicle and two (2) lights will be installed on the right side of the vehicle. Each worklight will have a trapezoidal beam pattern with an output of 3,715 raw lumens and an output of 2,204 effective lumens. The light housings will be constructed from black polycarbonate and the lens will be clear polycarbonate.

The rear worklights will be switched from an ON/OFF momentary rocker switch in the cab and from an external ON/OFF momentary toggle switch on each side of the vehicle. The exterior toggle switches will activate the worklights on their respective sides.

SCENE / WORKLIGHTS - REAR

There will be two (2) 24-volt DC J.W. Speaker LED rear worklights provided at the top of the of the vehicle bodywork. The spotlights will each have a trapezoidal beam pattern with an output of 3,715 raw lumens and an output of 2,204 effective lumens. The light housings will be constructed from black polycarbonate and the lens will be clear polycarbonate.

The rear worklights will be switched from an ON/OFF momentary rocker switch in the cab and from an external ON/OFF momentary toggle switch at the rear of the vehicle accessible from ground level. The lights will automatically illuminate when the vehicle is shifted into the reverse gear.

WARNING LIGHTS

PERIMETER WARNING LIGHTS

There will be ten (10) Whelen, 700 Series, 3 inch (76.2 millimeter) x 7 inch (178 millimeter) red LED warning lights installed around the lower perimeter of the vehicle at or near bumper height. Three (3) lights will be installed on the left side, three (3) lights will be installed on the right side, two (2) lights will be installed at the front and two (2) lights will be installed at the rear of the vehicle. The perimeter warning lights will be switched independently from upper warning lights.

STANDBY LIGHTING

There will be two (2) Whelen, Model L40AP, amber LED standby beacon lights with amber dome located on the roof of the vehicle. The lights will be located close to the mid-point of the water tank, one (1) on the left side and one (1) on the right side for 360-degree visibility and switched from within the cab.

FRONT UPPER WARNING LIGHTS
There will be two (2) Whelen, Model L40, red LED warning beacon lights installed on the roof of the vehicle near the front of the body. One (1) light will be installed on the left side and one (1) light will be installed on the right side. The lights will be activated with the upper warning light switch in the cab.

UPPER REAR WARNING LIGHTS
There will be two (2) Whelen, Model L40BF, red LED warning beacons installed on the roof of the engine cowling at the rear of the vehicle. One (1) beacon will be installed on the left side and one (1) beacon will be installed on the right side. The upper rear warning lights will be activated by a switch in the cab on the left side of the dash panel.

COMPARTMENT LIGHTING
There will be 24-volt DC white LED strip lighting provided to illuminate the interior of the compartments. The compartment lighting will be switched with the opening or closing of the roller shutter door with the ignition in the "ON" position. Each compartment will have a magnetic switch to activate and deactivate the compartment lights when the doors are opened or closed.

An indicator light in the cab will illuminate when a compartment door is not in the closed position to alert the driver. If the parking brake is released, or the vehicle shifted out of neutral an audible alarm will sound and the compartment door indicator light will flash.

POWER GENERATION
No power generation system is required.

RIGHT REAR LOWER BODY COMPARTMENT
There will be a fixed height, roll out shelf in the upper portion of the right rear lower body compartment in the place of the generator. The shelf will have a latch bar to unlock the shelf from the fully depolyed and stowed positions. The shelf will have a capacity of 500 pounds (227 kilograms).

POWER SUPPLIES
A 24-volt DC vehicle electrical system will be provided. The vehicle DC power will be supplied by a two (2) alternator charging system with a minimum output of 100 amps each. A warning system will be provided in the cab to indicate an alternator failure.

The electrical system will include the following:

- Four (4) group 31, 12-volt DC maintenance free, top post, flooded lead-acid batteries with a minimum of 950 CCA @ 0 degree F (each) and 190 minutes of reserve capacity @ 25 amps.
- A warning label will state that connecting incorrectly to a 12-volt DC system will cause electrical system damage.
- Color coded, heavy duty, insulated battery and ground cables with wire code numbers.
- A backlit remote voltmeter will be installed adjacent to the batteries to read the battery state of charge.
- An engine start disable switch will be provided in the left side engine compartment that will prevent the vehicle from being started from the cab during routine maintenance.

- A lockable total vehicle master electrical disconnect switch rated for full vehicle current to completely de-energize the DC electrical system after the switch.
- Unused electrical distribution connectors or components located on the walls of the upper and lower compartments will have sturdy protective coverings installed to prevent unwanted contact with stored gear.

BATTERY CHARGER

There will be a Delta Q, 120/220-volt AC, 60/50 Hz waterproof battery charger installed in the right rear engine compartment to maintain the chassis batteries. The charger will incorporate a microprocessor controller and will charge and maintain the batteries automatically.

ENGINE COOLANT PREHEATER

There will be one (1) 110/120-volt AC, 1500-watt engine coolant preheater with thermostat provided to heat and maintain engine temperatures of approximately 100-120 degrees Fahrenheit (38-49 degrees Celsius). The preheater will be connected to and powered by the shoreline inlet on the vehicle.

RECEPTACLE INLETS

There will be two (2) Kussmaul™, 20 amp, 120-volt AC auto eject shoreline inlets provided to power the dedicated 120-volt AC circuits at the right rear of the vehicle. One (1) shoreline inlet will be connected to the battery charger and one (1) shoreline inlet will be connected to the engine preheater. The shoreline inlets will include yellow weatherproof flip up covers.

There will be a release solenoid wired to the vehicle's starter to eject the AC connector when the engine is starting.

There will be two (2) mating connector bodies supplied with the loose equipment.

There will be a label installed near the inlets stating the following:

- Line Voltage
- Frequency
- Load(s) connected to the circuit

AUXILIARY START FEATURE

There will be 24-volt DC positive and negative posts for jump starting the vehicle provided in the right engine access compartment. The jumper studs will be located adjacent to the battery box and will have removeable color coded protective plastic covers; a red cover for the positive stud and a black cover for the negative stud.

AIR INLET RECEPTACLE

There will be a pneumatic inlet with yellow weatherproof cover located at rear of the vehicle provided to maintain vehicle air pressure when connected to an external pressurized air source. The air inlet connection will be a quick disconnect type with a check valve installed to prevent air from bleeding out the connector when disconnected.

There will be a release solenoid wired to the vehicle's starter to automatically eject the air inlet connection when the engine is cranked. A quick release air inlet connection will be provided and shipped with the loose equipment to install on the compressed air line and the end user's facility.

AIR OUTLET RECEPTACLE
No air outlet receptacle is required.

PUMP AND ROLL
The vehicle will be capable of pump and roll operations up to 20 mph (32 km/h) on a hard, level, improved surface.

ENGINE AND ACCESSORIES

ENGINE
There will be a certified EPA Tier 4f, Stage IV, Scania, Model DC16, water cooled V8 design engine with a displacement of 16.4 liters. The engine will produce a maximum of 500 kw (670 hp) and electronically limited to 2,644 Nm (1,950 ft. lbs.) of torque at 2,100 RPM. The engine will have common rail fuel injection system and will be equipped with a single turbo charger with an electronic fuel management system. The engine will have a Selective Catalyst Reduction (SCR) system for the mitigation of engine emissions. The urea tank will be located in the left rear engine cover compartment with a minimum capacity of 12 gallons (45 liters).

An engine high idle control will be provided to maintain the engine idle at approximately 1,450 rpm when activated. The control for this system will be safety interlocked to activate only after the transmission has been placed in the neutral position and the parking brake has been set.

An electronically controlled engine governor will be provided and set to limit engine speed so that it will not exceed the maximum rpm recommended by the engine manufacturer.

TRANSMISSION
There will be an Allison, EVS-4800 Series, planetary type, fully automatic, electronic controlled seven-speed transmission provided. The shift pad for the transmission will be located in the cab to the left of the driver seating position with backlit switched and a gear indicator display. The transmission will be separate from the transfer case and located at the rear for easier maintenance. The seven-speed transmission creates better gear ratios, smoother shifting, and less wear and tear on drive components. The transmission level dipstick will be located in the left rear engine cover compartment.

A single speed transfer case with lockable differential will be provided to supply power to both the front and rear axles. The driveline will be composed of heavy duty metal driveshafts with universal joints at each connection yoke.

POWER DIVIDER
There will be a power divider to allow the pump to be engaged at any speed or engine RPM and in any gear which is automatically activated for pump operation when the pump switch is engaged from the cab. When in pump mode, the pumping RPM will increase automatically only after a discharge orifice is opened, to minimize heat build-up during standby operation.

ENGINE AIR CLEANER
The engine will be equipped with an easily replaceable canister type single stage air filter with a pleated paper element. The engine fresh air inlet will have a bonnet installed on the intake piping to shed water and will be located on the roof of the vehicle.

EXHAUST SYSTEM
The vehicle will have a vertical stainless steel exhaust stack with a rain cap. The exhaust outlet will be located on the roof of the vehicle.

FUEL PRIMING PUMP
The vehicle fuel system will be equipped with a 24-volt DC electric fuel priming pump. The activation switch will be located on the interior of the left engine compartment near the fuel filters.

MUDFLAPS
There will be a .19 inch (4.8 millimeter) thick flexible rubber mud flap provided behind each wheel well position to minimize the amount of water and road debris cast behind the vehicle by the tires. The size and positioning of the mudflaps will be FMVSS and ECE compliant.

CHASSIS AIR
The vehicle will be equipped with a Bendix, Model AD-IS, air dryer. The air dryer module will include an integrated air dryer, a reservoir, a governor, a heater and four (4) pressure protection valves. The air dryer will incorporate a spin-off replaceable desiccant cartridge.

The chassis air system will be supplied by color coded nylon tubing and will have circuit numbers printed on each section of line for easy identification. The color coding on the air lines will be as follows:

- Red will represent the primary air circuit (rear brakes)
- Green will represent the secondary air circuit (front brakes)
- Orange will represent the parking brake and cab air inlet circuit
- Yellow will represent the parking brake air delivery circuit
- Blue will designate auxiliary air circuits (air-ride seats, firefighting system air supply, chassis accessories, etc.)
- Black will represent the rear air inlet and air system drains

FUEL TANK CAPACITY
The fuel tank will be constructed from formed and welded aluminum with a fluid capacity of 90 gallons (341 liters). The fuel tank will have a bottom drain plug and the filler pipe will be located no higher than 60 inches (152 centimeters) from ground level. The fuel fill will be located in the left rear engine compartment. The fuel tank cap will have provisions to install a lock to prevent the cap from being removed. An anti-drain vent valve will be installed on the fuel tank to prevent fuel spillage in the event of a rollover. A fuel water separator with drain valve will be provided for the main engine.

A label will be provided near the fuel fill indicating that diesel fuel is required.

FMVSS STEERING & SUSPENSION SYSTEM

The front and rear axles will have adequate capacity to carry the fully loaded vehicle under all intended operating conditions with a GVWR of 93,000 pounds (42,184 kilograms). For vehicle handling, stability and off-runway performance, the axles will have an identical track width of 96 inches (244 centimeters).

The axles will consist of the following:

1. Front Axle - 31,000 pounds (14,061 kilograms) rating, double reduction (axle housing and wheel end), enclosed steering drive ends, bevel gear differential with driver operated differential lock.
2. Rear Axle - 62,000 pounds (28,123 kilograms) rating, double reduction (axle housing and wheel end), bevel gear differential with driver operated differential lock.

The suspension will incorporate the following design elements:

1. Upper and lower control arms will be used on each side of the axle.
2. Each axle will be equipped with an anti-roll bar for increased cornering stability.
3. Steering and non-steering axles will have an adjustable tie rod for alignment of the wheel to the center of the chassis.
4. Each wheel position will have at least one (1) coil spring and one (1) heavy-duty dual acting shock absorber.
5. All pivot and joints will be designed to meet the 20-year service life of ARFF vehicles and include only two (2) grease points per wheel and with proper Oshkosh factory alignment does not require special maintenance.

An off-road, high mobility Oshkosh TAK-4, all-wheel Independent suspension system will be provided resulting in no more than 0.5 g rms acceleration at the seat of the vehicle when traversing an 8 inch (24 centimeters) half round at 35 mph (56 km/h) without causing injury to the operating personnel, loss of vehicle control, or damage to the vehicle. The design will allow the vehicle to travel safely at minimum off-road speeds of 35 mph (56 km/h). The Oshkosh TAK-4, Independent suspension system design will allow for a minimum of 16 inches (406 millimeters) of total wheel travel.

The chassis will be equipped with power assisted FMVSS compliant steering that will permit manual steering to bring the fully loaded vehicle to a safe stop in the event of power assist failure. A tilt / telescoping steering wheel will be provided.

BRAKE SYSTEM

The vehicle will be equipped with a dual air braking system including front and rear brakes with an overall vehicle tread width of 3,048 mm (120 in.) in accordance with FMVSS 121 Legislation. The brakes will be drum type and equipped with automatic brake adjusters, to be clutch and worm drive type. The system will feature a dual type brake treadle valve with separate supply and delivery circuits. The system to include an all-wheel, split-circuit, powered-assisted service brake, a modulated emergency brake, and a parking brake.

There will be a 6S-6M electronic antilock brake system with a sensor and modulator at each wheel controlled by an electronic control unit (ECU). The ECU will monitor wheel speed during braking and modulate the brakes when excessive wheel slip or lockup is detected. The ECU will blend the feedback

from steering wheel ends to reduce steering wheel pull during an ABS event. There will a be provision for ABS diagnostics provided.

The brake system will have the following features:

1. A Bendix AD-IS, automatic air-drying system downstream of the compressor.
2. Air brake chamber for each brake with self-adjusting mechanisms.
3. Drain on all reservoirs controlled from one (1) common location on the exterior of the vehicle.
4. Three (3) quarter-turn air drain valves will be located on the side of the vehicle below the left rear lower body compartment.
5. Visual and audible low air pressure warning device.
6. A manual parking brake valve will be installed in the cab within easy reach of the driver.

The brake system will meet the following design requirements:

1. Capacity to increase air pressure in the supply and service reservoirs from 85 to 100 psi (552 to 690 kPa) when the engine is operating at the vehicle manufacturer's RPM in less than 25 seconds.
2. Capacity for buildup of tank pressure from 0 psi (0 kPa) to the pressure required to release the spring brakes within 15 seconds relying solely on vehicle air compressor.
3. Have a volume 12 times the total combined brake chamber volume at full stroke.

The brake system will meet the following performance requirements at gross vehicle weight (fully laden):

1. Service Brake: (Depending on truck configuration)
    A. Stopping Distance from 20 mph (32 km/h) : Maximum 33 feet (10 meters)
    B. Stopping Distance from 40 mph (64 km/h) : Maximum 121 feet (37 meters)
    C. Hold Fully Loaded Vehicle: Minimum 50% Grade Ascending & Descending
2. Emergency Brake: (Depending on truck configuration)
    A. Stopping Distance from: 64 km/h (40 mph): Maximum 288 feet (86 meters)
3. Parking Brake:
    A. Hold Fully Loaded Vehicle: Minimum 20% Grade Ascending & Descending

WHEEL AND TIRE ASSEMBLY

The vehicle will be equipped with Michelin, Model XZL, size 24R21 all-terrain radial tires. The tires will be tubeless type with full width steel belting and will be non-directional mounted on steel wheels.

SPARE TIRE

The quantity of spare tire and wheel assemblies included with the vehicle and shipped loose will be one (1) Each spare tire and wheel assembly will be composed of one (1) new and unused Michelin, Model XZL 24R21 tire and one (1) new wheel assembly. Each spare tire and wheel assembly will be interchangeable with any wheel position on the vehicle.

WHEEL PAINT COLOR

The wheels will be painted #35 Safety Lime (FLNA 10322)

UPPER MOUNTED EQUIPMENT

TOP MOUNTED LADDER

No ladder or vehicle mounted ladder storage brackets willll be provided.

FIREFIGHTING SYSTEM

COMPLEMENTARY AGENT SYSTEM

DRY CHEMICAL SYSTEM

Agent Container and Components

There will be a 550 pound (250 kilogram) capacity dry chemical extinguishing system provided. The powder vessel will be capable of holding potassium based, sodium bicarbonate or other commercially available dry chemical fire extinguishing agents. The weight held in the powder vessel will be dependent on the density of the powder chosen by the end user. The system will include piping, valves, fittings, components necessary for the storage and discharge of dry chemical complementary agent. The container will be constructed and stamped in accordance with ASME Code for Unfired Pressure Vessels. An over pressure safety valve will be integrated into the system.

The system will include the following:

- Quick acting agent system activation controls will be easily accessed by the seated driver and at least one (1) other crew position. Similar controls will be located near the agent handline (if equipped).
- Cab mounted pressure indicators will be installed that, when the system is activated, will allow the vehicle operator to determine the propellant reservoir pressure as well as the system operating pressure.
- There will be system clean out / blowdown provisions utilizing the propellant for purging dry chemical agent from all discharge piping and hose after use, saving the remaining dry chemical powder in the vessel.
- There will be a feature to "fluff" the dry chemical powder within the storage vessel to prevent caking. The procedure will not require the system to be opened or discharge any powder.
- A 24-volt DC electric winch will be provided to lift and lower the nitrogen cylinder from the ground level to the stored position. The design will be such that it will allow the operator to perform the nitrogen cylinder servicing without the need for any heavy lifting.
- Remote LED bar graph type pressure gauges will be provided in the cab on the firefighting display to indicate system operating pressure and the propellant cylinder pressure.

Propellant, Propellant Containers and Components

The propellant gas will be dry nitrogen. All propellant gas cylinders and valves will comply with United States Department of Transportation (DOT) requirements (if provided with the vehicle from the manufacturer). The propellant gas cylinder(s) will be stored vertically and will be easily loaded and removed with the assistance of the integrated lifting device and cylinder guide. One (1) propellant cylinder lifting cradle will be supplied with the system for vehicle storage of one (1) cylinder.

A lifting cradle constructed from formed and welded aluminum with woven nylon lifting device will be provided. The lifting cradle will be utilized as part of the propellant cylinder storage within the compartment. After the lifting cradle is moved into the storage position there will be a bracket installed to retain the cradle. The cradle will remain installed in the vehicle until the propellant cylinder requires service or replacement.

DRY CHEMICAL FILL FUNNEL

There will be one (1) dry chemical fill funnel provided and shipped loose with the vehicle. The funnel will measure approximately 18 in. (457 mm) high, 17 in. (432 mm) in diameter at the top opening and 3.75 in. (953 mm) at the bottom opening.

NITROGEN PROPELLANT CYLINDER

There will be one (1) full 400 ft³. (11,327 liter) when pressurized to 2,640 psi (182 bar) Nitrogen cylinder(s) provided and mounted in the truck with a pressure gauge and removable carrier. All propellant gas cylinders and valves will comply with United States Department of Transportation (DOT) requirements. Propellant gas cylinder(s) will be stored vertically and must be easily loaded and removed with the assistance of an integrated lifting device and cylinder guide.

SPARE NITROGEN CYLINDER

There will be one (1) full 400 ft³. (11,327 liter) when pressurized to 2,640 psi (182 bar) dry nitrogen propellant gas cylinder(s) with pressure gauge provided and shipped loose with the vehicle.

WATER AND FOAM SYSTEMS

ELECTRONIC FOAM PROPORTIONER (EFP) SYSTEM

The vehicle will be equipped with an electronic foam proportioning (EFP) system capable of metering firefighting foam at a 3% ratio within +/- 0.1% in accordance with NFPA. The system will also have provisions to easily select and change the foam proportioning rate to operate with 1%, 3%, 6%, or 8% foam concentrates. The foam proportioning rates will be selectable by the operator using the center console mounted 12 inch (304.8 millimeter) color display in the cab.

The main foam system drain will have a pull-type valve drain.

OSHKOSH ECO-EFP™ FOAM MEASUREMENT SYSTEM

A secondary surrogate foam testing system will be provided to measure the foam proportioning system performance from every discharge on the vehicle without necessitating the actual discharge of foam into the environment. The system will measure discharge flow rates for each discharge on the vehicle. The system will be fully on-board, integrated into the vehicle plumbing and the electronic foam proportioning system. It will measure both the solution and foam fluid flow rates using only water.

The system will have ability to archive foam test data for all individual discharges and provide a time and date stamp for up to (3) three years of data. An electronic display will be placed near the water pump the left rear lower body compartment. The display will provide access to view or control system settings, diagnostics functions, current and historical data and system test function. A USB port will provided to download digital data.

FOAM TRANSFER PUMP

There will be a Yamada, Model NDP-20, pneumatic diaphragm foam transfer pump permanently mounted in the left rear lower body compartment. The foam transfer pump will have the capability to fill or drain the vehicle foam concentrate tank. The foam transfer pump will share the primary inlet/drain connection on the left side of the vehicle and will have a selectable valve to bypass the foam transfer pump in the compartment.

FOAM SYSTEM PIPING

There will be one (1) 1.5 in. (38 mm) NSFHT threaded combination foam reservoir fill/drain connection provided on the left side of the vehicle below the left rear lower body compartment.

FOAM FILL/DRAIN CONNECTION

The foam fill/drain connection(s) will include one (1) 1.5 in. (38 mm) NSFHT threaded plug(s) with link chain to retain the plug(s) when removed.

FOAM TANK LEVEL LIGHTS

There will be four (4) LED foam tank level indicator lights provided on the upper exterior of the left side and right side of the vehicle. The level lights will be vertically stacked and will include the following colors top to bottom:

amber, amber, amber, red

STRUCTURAL FIRE FIGHTING SYSTEM AND CONTROL PANEL

There will be a Class "A" structural firefighting system capable of 1,000 gpm (3,785 lpm) discharge with fill from draft feature and priming pump provided. All primary pump suctions, controls and operator panel will be located in the left rear lower body compartment with a roll-up door for easy access. One (1) 6 inch (152 millimeter) NPT male pump suction inlet connection equipped with a .25 inch (6.35 millimeter) strainer will be installed in the left rear lower body compartment. A mating cap will be provided that will be capable of withstanding pressures of 500 psi (34.5 bar). A manually operated 2.5 inch (64 millimeter) pump suction inlet connection will be installed in the left rear lower body compartment. The pump suction inlet connection types will be described later in this specification.

An auto-suction valve will be installed on the large diameter pump suction inlet.

STRUCTURAL PANEL DISPLAY

A pump operator's station with LCD display and switch panel will be provided in the left rear lower body compartment. The panel will include at a minimum the following gauges:

- Engine tachometer gauge
- Pump discharge pressure gauge
- Pump suction pressure gauge
- Engine oil pressure gauge
- Engine coolant temperature gauge
- Water tank level gauge
- Foam tank level gauge

The following functions and devices will be provided as part of the structural panel:

- Manually adjustable pilot relief valve with strainer
- A mechanical switch to control the operation of the priming pump (if equipped)
- Structural panel activation switch
- Water tank valve open / closed switch
- A means of selecting water or foam induction for discharge
- Pressure governor / Engine RPM control
- Increase / Decrease hand throttle or system pressure switch
- Preset / Idle switch
- Panel illumination
- Flush mode activation switch
- Red emergency engine shutdown switch

STRUCTURAL PUMP SUCTION INLETS

LARGE DIAMETER INLET
The left large diameter pump suction inlet will have a 4.5 inch (114.3 millimeter) NSFHT male connection with female blind cap. The blind cap will have a link chain tether.

SMALL DIAMETER INLET
The small diameter pump suction inlet will have a 2.5 inch (64 millimeter) NSFHT female swivel coupling with a male blind plug. The blind cap will have a link chain tether.

DISCHARGE PIPING
There will be two (2) unregulated, manually operated, 2.5 inch (64 millimeter) structural discharges provided. One (1) will located in the left front lower body compartment and one (1) will be located in the right front lower body compartment. The discharges will have NSFHT threads and will each be equipped with pressure gauges and bleeder valves.

Storage for two (2) SCBA cylinder will be provided on both left and right side front lower body compartments in the discharge panel adjacent to the discharges.

DISCHARGE CAPS
The two (2) 2.5 inch (64 millimeter) discharges will have NSFHT blind caps and link chain lanyards.

WATER TANK
There will be a water and foam tank constructed of UV resistant Polypropylene material provided. The minimum tank capacity will be 3,170 gallons (12,000 liters) of water and 444 gallons (1,680 liters) of foam concentrate with a top-fill opening of at least 27 inches (689 millimeters) for water and 23 inches (584 millimeters) for foam. Both reservoirs will be vented with overflow directed to the ground. The tank will be fitted with longitudinal and transverse baffles, anti-swirl baffles, a sump and isolation valve.

WATER TANK LEVEL LIGHTS
There will be four (4) LED water tank level indicator lights provided on the upper exterior of the vehicle's body on both the right and left side vertically stacked and include these colors from top to bottom:

blue, blue, blue, red

WATER PUMP AND PUMP DRIVE

The water pump will be a Waterous, Model CRQB (also commonly referred to as Model CR), single stage centrifugal design that meets all requirements of ICAO, NFPA 414 as well as FAA Advisory Circular 150/5220/10E. The pump will have a rated capacity of at least 2,000 gpm (7,511 lpm) at an operating pressure of 250 psi (17 bar) with suction vacuum at the manifold inlet of 9 IN-Hg. The pump gearbox will be driven by a driveline from the truck power divider. The pump and pump transmission will have the ability to run continuously without overheat issues in ambient temperatures up 122 degrees Fahrenheit (50 degrees Celsius). The pump body will be vertically split on a single plane for easy removal of the entire impellor assembly including the bronze wear rings.

The pump will be constructed of the following materials:

- Pump Body: Cast gray iron, class 35, 35,000 PSI tensile strength.
- Impeller: Silicon brass, UNS C87500, 60,000 PSI tensile strength.
- Impeller Shaft: 17-4 stainless steel, 135,000 PSI tensile strength.
- Wear Ring: High leaded tin bronze, UNS C93200, 35,000 PSI tensile strength.

The water pump will be gravity primed from the vehicle water reservoir. The vehicle will have a water piping system allowing the pump to remain primed while the water pump is not engaged. This reduces the time to discharge water when a discharge is opened providing immediate operations and a quicker response to a user input.

The pump drive will be through a power divider to allow the pump to be engaged at any speed and in any gear, which is automatically activated for pump operation when the water pump switch is engaged from the cab.

When in pump mode, the pumping RPM will increase automatically only after a discharge orifice is opened, to minimize heat build-up during standby operation.

A pressure relief protection system will be provided to prevent over pressurization of the water piping system.

An automatic pump overheat protection system will be provided that will discharge to the ground.

The pump body and gearbox will be painted in a durable red primer. The entire pump will be bench tested at the original manufacturer to include 400 PSI pressure test and capacity test. A test certificate will be provided with the vehicle.

PIPING, COUPLING, CONNECTIONS AND VALVES

WATER FILL PIPING

There will be one (1) 2.5 inch (64 millimeter) NPT male and one (1) 4.5 inch (114.3 millimeter) NPT male water fill inlet provided on the left side of the vehicle. The water fill piping will be sized to permit filling in no more than 2 minutes from an 80 psi (5.5 bar) supply source. The water fill connection types for each will be defined later in this document.

The water fill piping will be constructed of welded passivated stainless steel with victaulic and threaded connections where necessary. All components in the water fill piping will be manufactured from stainless steel, brass or other corrosion resistant materials. There will be a brass unibody ball valve with stainless steel ball and manually operated quarter-turn handle to control the supply of water to the tank. Each inlet will have a .75 inch (19 mm) drain port with a quarter-turn valve. The drains will each extend through the compartment floor and drain onto the ground below the body.

WATER FILL CAPS

The water fill will be provided with one (1) 2.5 inch (64 millimeter) NSFHT swivel and a 2.5 inch (64 millimeter) NSFHT blind male plug with link chain lanyard.

WATER FILL CAPS

The water fill will be provided with one (1) 5 inch (127 millimeter) Storz adapter and a 5 inch (127 millimeter) Storz blind cap with coated steel cable lanyard.

WATER/FOAM PIPING MATERIAL

The water and foam system piping material will be 304 stainless steel.

PRECONNECTED HANDLINES / CROSSLAYS

PRIMARY CROSSLAY HANDLINE

There will be a primary crosslay handline provided in the forward portion of the front lower body compartments. The crosslay will be transversely mounted with access from either the left or right side of the vehicle. The preconnected handline will include 200 feet (61 meters) of white 1.75 inch (44.5 millimeter) woven soft jacketed hose in 50 foot (15.2 meter) sections with 1.5 inch (38 millimeter) NHT (National Hose Thread) connections. The bezel color for the crosslay will match the hose color for easy identification.

The primary crosslay will have a water/foam discharge of 95 gpm (360 l/min) at 100 psi (6.9 Bars) with the following minimum performance parameters per NFPA 1900:

- Straight stream cast distance of 65.6 feet (20 meters)
- Dispersed pattern cast distance of 19.7 feet (6 meters)
- Dispersed pattern width of 14.8 feet (4.5 meters)

A Akron Assault 4863 95 gpm (360 l/min) pistol grip nozzle will be provided on the end of the handline. A slide-out removeable tray will be provided for hose storage. The tray will be constructed from welded polypropylene plastic. The tray will have detents built into the body to hold the tray in place during vehicle movement.

The primary crosslay hose sections and handline nozzle will be shipped with the loose equipment.

PRIMARY PRECONNECT ACTIVATION

The primary crosslay handline will have automatic activation with controls located in the cab and in the front lower body compartments near the crosslay handline. A safety interlock system will be provided that will only allow charging of the handline after all the hose has been deployed from the crosslay. An indicator light will be provided in the cab to alert operators when the crosslay hose is fully deployed

from the primary preconnect hose tray. Throttle ramp up for the pumping RPM will be accomplished automatically when the handline discharge nozzle is opened. An override throttle control will be provided for the initial charging of the primary preconnected hose should the throttle not ramp up automatically due to a kink in the soft jacketed hose or flow through the handline being too low.

SECONDARY CROSSLAY HANDLINE

There will be a secondary crosslay handline provided in the forward portion of the front lower body compartments. The crosslay will be transversely mounted with access from either the left or right side of the vehicle. The preconnected handline will include 200 feet (61 meters) of yellow 1.75 inch (44.5 millimeter) woven soft jacketed hose in 50 foot (15.2 meter) sections with 1.5 inch (38 millimeter) NHT (National Hose Thread) connections. The bezel color for the crosslay will match the hose color for easy identification.

The secondary crosslay will have a water/foam discharge of 95 gpm (360 l/min) at 100 psi (6.9 Bars) with the following minimum performance parameters per NFPA 1900:

- Straight stream cast distance of 65.6 feet (20 meters)
- Dispersed pattern cast distance of 19.7 feet (6 meters)
- Dispersed pattern width of 14.8 feet (4.5 meters)

A Akron Assault 95 gpm (360l/min) pistol grip nozzle will be provided on the end of the handline. A slide-out removeable tray will be provided for hose storage. The tray will be constructed from welded polypropylene plastic. The tray will have detents built into the body to hold the tray in place during vehicle movement.

The secondary crosslay hose sections and handline nozzle will be shipped with the loose equipment.

SECONDARY PRECONNECT ACTIVATION

The secondary crosslay handline will have automatic activation with controls located in the cab and in the front lower body compartments near the crosslay handline. A safety interlock system will be provided that will only allow charging of the handline after all the hose has been deployed from the crosslay. An indicator light will be provided in the cab to alert operators when the crosslay hose is fully deployed from the secondary preconnect hose tray. Throttle ramp up for the pumping RPM will be accomplished automatically when the handline discharge nozzle is opened. An override throttle control will be provided for the initial charging of the secondary preconnected hose should the throttle not ramp up automatically due to a kink in the soft jacketed hose or flow through the handline being too low.

LOWER DISCHARGE

LOW ATTACK BUMPER TURRET

There will be a front bumper mounted Elkhart Brass Scorpion turret installed on a low attack boom. The lower discharge will have water/foam discharge rates of 625/1,250 gpm (2,365/4,731 lpm) with a minimum straight stream cast distance of 230 feet (70 meters).

The bumper turret will have the following design and performance features:

TURRET SWEEP ASSEMBLY

The turret sweep assembly will consist of two (2) swivel joints allowing the turret to sweep in both horizontal and vertical planes. The horizontal axis rotation will allow the turret discharge to be directed at least 90 degrees to either side of center for a minimum of 180 degree horizontal sweep. The elevation axis will allow the nozzle to be elevated at least 45 degrees above the horizontal and be depressed to discharge agent within 30 feet (9 meters) of the front of the vehicle with the boom in the fully raised position.

The turret assembly will be equipped with an auto leveling feature to maintain a consistent turret discharge angle regardless of the position of the boom mechanism during raising or lowering operations. Both the horizontal and vertical drive motors will be permanent magnet type, 24-volt DC electric gear motors and will have a clutch mechanism and/or limit switches to prevent damage to the motors at rotation limits. The motors will be sealed to NEMA 4 requirements.

CONTROLS

An electronic joystick control will be provided in the cab located within easy reach of the driver and turret operator/officer seating positions with integrated switches for the following:

- Water/Foam discharge activation with LED indicator light (momentary or maintained)
- Water/Foam discharge rate with LED indicator light, if applicable
- Auxiliary agent activation with LED indicator light, if applicable
- Nozzle pattern from straight stream to fully dispersed (fog pattern)

The joystick fore/aft and left/right inputs will be used to control the movement of the turret position on the X and Y axes. The turret movement speed in the horizontal and vertical planes will be proportional to the amount of input angle applied to the joystick.

A switch panel will be installed directly behind the joystick with rocker switches for the following functions:

- Turret deploy/stow
- Turret oscillate activation
- Turret mounted floodlight activation, if applicable
- Low attack boom up/down movement activation

The rocker switches will be backlit and will be dimmable in tandem with all other cab control switch backlighting. The normal backlighting color will be white and should a malfunction occur, the switch backlighting color will change to red to indicate there is a fault with the control or turret for the lower discharge.

LOW ATTACK BOOM DESIGN

The low attack assembly will be capable of being lowered from the stored position near bumper height to the fully lowered position with the centerline of the turret discharge approximately 24 inches (610 millimeters) above the ground. The low attack boom will utilize a 24-volt DC motor to drive a hydraulic pump when actuated. The hydraulic pump will power two (2) hydraulic cylinders to lower and raise the

boom assembly. A linear potentiometer and a proximity switch will be used to determine and communicate the position of the low attack boom during operation with the vehicle firefighting system.

The turret assembly will be attached to the front bumper of the vehicle and will be mounted onto the low attack boom. The turret mounting and boom will be adequately reinforced to sustain all anticipated loads and reaction forces when the bumper discharge is activated. The design will allow the turret and nozzle to be stored in a position providing minimum protrusion from the front of the vehicle to maintain a 30 degree angle of approach.

LOWER DISCHARGE NOZZLE

NASP HYDROCHEM NOZZLE

A Williams Ranger hydrochem nozzle will be provided on the lower discharge with variable pattern control and an automatic flow mechanism. The auto flow mechanism will maintain consistent discharge pressure and flow whether in the straight stream or fully dispersed (fog) pattern. The nozzle will be a non-air aspirating (NASP) type with 24-volt DC powered electric infinitely variable pattern actuation for straight stream or fog pattern selection.

To maximize distance and accuracy of dry the chemical discharge, the dry chemical powder will be entrained within the water stream. The dry chemical agent discharge rate of the nozzle will be a minimum of 16 pounds (7 kilograms) per second.

The nozzle patterns will meet or exceed all performance requirements defined in the latest edition of NFPA-414.

LOWER DISCHARGE LIGHTING

There will be one (1) J.W. Speaker, model 7250S 24-volt DC LED spotlight(s) provided on the bumper turret. The spotlight(s) will be mounted to a bracket above the top of the turret and nozzle of the lower discharge.

The J.W. Speaker light will have a spot beam pattern with an output of 3,715 raw lumens and an output of 2,174 effective lumens. The light housing will be constructed of black polycarbonate and the lens will be clear polycarbonate.

The spotlight(s) will follow the bumper turret movements on the vertical and horizontal axes and will be controlled by a switch bank located near the bumper turret joystick.

UPPER DISCHARGE

HIGH REACH EXTENDABLE TURRET (HRET)

There will be an R50 Snozzle articulating, telescoping elevated waterway with a water/foam turret installed at the tip of the device with a flow rate of 500/1,000 gpm (1,893/3,875 lpm) with a minimum straight stream cast distance of 190 feet (58 meters). The HRET will be installed near the mid-point of the chassis for maximum stability and optimal weight distribution. Elevation of the nozzle will be approximately 50 feet (15 meters) measured from ground level.

The maximum horizontal reach will be approximately 34 feet (10 meters) measured from the base centerline. The turret nozzle will be capable of being positioned at ground level in front of the vehicle.

The turret assembly will be stowed in a forward position, directly over the vehicle cab. The turret will be capable of full operation in either the stowed or elevated position as the vehicle approaches the fire. This device will replace the typical fixed turret appliances mounted on the cab roof. The water discharge piping system will be capable of flowing a minimum of 1,000 gpm (3,785 lpm) in all operating positions with minimum friction loss.

Nozzle Sweep Assembly

The nozzle sweep assembly will consist of two (2) swivel joints allowing the nozzle to sweep in both horizontal and vertical planes. The elevation axis will allow the nozzle to be elevated a minimum of 80 degrees above horizontal and depressed a minimum of 50 degrees below horizontal. The horizontal rotation will allow the nozzle to be directed 90 degrees either side of center for a 180-degree horizontal sweep.

Both horizontal and vertical drive motors will be permanent magnet type, 24-volt DC electric gear motors and will be with a clutch mechanism and/or limit switches to prevent damage to the motors at rotation limits. The motors will be sealed to NEMA 4 requirements. The turret assembly will be adequately reinforced to sustain all anticipated loads and reaction force of the nozzle, plus penetrating forces created by the piercing tip. A mechanical device will not allow the piercing nozzle to rotate if penetrating force exceeds safe nozzle design limits.

Turret Controls

An electronic joystick control will be provided in the cab located within easy reach of the driver and turret operator/officer seating positions with integrated switches for the following:

- Water/Foam discharge activation with LED indicator light (momentary or maintained)
- Water/Foam discharge rate with LED indicator light, if applicable
- Auxiliary agent activation with LED indicator light, if applicable
- Nozzle pattern from straight stream to fully dispersed (fog pattern)

The turret joystick fore/aft and left/right inputs will be used to control the movement of the turret position on the X and Y axes. The turret movement speed in the horizontal and vertical planes will be proportional to the amount of input angle applied to the joystick.

A switch panel will be installed directly behind the joystick with rocker switches for the following functions:

- Turret deploy/stow
- Turret oscillate activation
- Turret mounted floodlight activation, if applicable
- Auxiliary agent activation, if applicable
- Turret auto-level
- Pierce/volume discharge mode

The rocker switches will be backlit and will be dimmable in tandem with all other cab control switch backlighting. The normal backlighting color will be white and should a malfunction occur, the switch

backlighting color will change to red to indicate there is a fault with the control or turret for the upper discharge turret.

HRET BOOM CONTROLS

A single "T" handle boom joystick with trigger activation will be provided for elevation, extension, retraction, and rotation operations. The controller will have full axis functions: HRET left/right rotation, boom extend/retract motions, and boom tilt up/down motions. The boom joystick will have two (2) failsafe/dead man's switches that will require one (1) of the buttons be held during boom maneuvers and pressing both simultaneously will cause the HRET to enter the auto bed/stow procedure.

The boom joystick inputs will be used to control the movement of the HRET position. The boom movement speed will be proportional to the amount of input angle applied to the joystick for each function. The joystick controls will be:

- Twist "T" handle anti-clockwise or clockwise will rotate the boom left and right
- Moving/tipping the "T" handle to the left and right will extend and retract the boom
- Moving/tipping the "T" handle forward and backward will raise and lower the boom

Adjacent to the boom joystick there will be three LED indicator lights for the following:

- Red - Signifies a fault with the HRET boom control system
- Yellow - Signifies that the boom is raised out of the stowed position in the cradle
- Green - Signifies the boom has raised sufficiently past the interlock height and can now be rotated

HRET Rotation Function

Limited rotation will be provided for extendible waterway. The rotation will be a minimum of 30 degrees to either side of the vehicle centerline. The vehicle will not require outriggers remain stable with the boom fully rotated and extended to the left or right to meet the HRET rotation requirement.

HRET CLASH PROTECTION

The HRET will be outfitted with an electrical system uses sensors and software to monitor the boom position during operations. The data from sensors and software will ensure the boom does not contact any part of the vehicle throughout all ranges of motion in the X, Y or Z axes during normal operation with the electronic controls.

Piercing Tip

An independent auxiliary nozzle with a piercing applicator will be attached to the end of the HRET to provide remote controlled penetrating capability up to 36 inches (915 millimeter). A high tensile steel tip will provide a spray pattern with a discharge of rate up to 250 gpm (946 lpm). The piercing nozzle will have the capability to provide a separate water/foam discharge with selector switch on joystick console. The tip will be removable and provide a 1.5 inch (38 millimeter) NSFHT hose connection to allow a hand line to be extended from the tip for standpipe operations.

Hydraulic System

The hydraulic pumping system will be capable of providing full performance at any engine speed. The hydraulic pump and reservoir will be a separate system independent of other vehicle functions. The

pump will be pressure compensating type that will react to demand of the aerial nozzle controls without imposing unnecessary horsepower demands on the engine when not in use.

The hydraulic reservoir will be a minimum capacity of 25 gallons (95 liters) and will be clearly marked "SNOZZLE RESERVOIR". The reservoir will be located to provide maximum heat dissipation and prevent contamination by water or foam.

Emergency Back-Up Pump

A self-contained 24-volt DC hydraulic power unit consisting of an integral pump/motor will be provided as an alternative power source in event of main hydraulic pump failure. The unit will be capable of returning the HRET to a fully bedded position.

Finishes

The telescoping boom will be a single piece extruded aluminum alloy; heat treated and hard anodized (Duranodic hard coat or equal). The boom and pedestal assemblies will be sand blasted to remove contaminates and oxidation prior to painting. Hand sanding and pre-cleaner will be used to prepare all surfaces. An epoxy primer adhesion promoter will be applied to all surfaces to provide corrosion protection and to create a strong bond between the substrate and surface application.

In addition, the booms and major components will be coated with a low volatile Organic Compound (VOC), high solid sealer to enhance surface smoothness and topcoat gloss. The primed surfaces will be sanded smooth, thus removing all texture and surface imperfections, and creating a durable finish base that will meet the rigid requirements of the fire and emergency services.

UPPER DISCHARGE NOZZLE

NASP HYDROCHEM NOZZLE

A Williams Ranger hydrochem nozzle will be provided on the upper discharge with variable pattern control and an automatic flow mechanism. The auto flow mechanism will maintain consistent discharge pressure and flow whether in the straight stream or fully dispersed (fog) pattern. The nozzle will be a non-air aspirating (NASP) type with 24-volt DC powered electric infinitely variable pattern actuation for straight stream or fog pattern selection.

To maximize distance and accuracy of dry the chemical discharge, the dry chemical powder will be entrained within the water stream. The dry chemical agent discharge rate of the nozzle will be a minimum of 16 pounds (7 kilograms) per second.

The nozzle patterns will meet or exceed all performance requirements defined in the latest edition of NFPA-414.

JOYSTICK LOCATION

The turret control joysticks will be located on top of the center console between the driver and turret operator seating positions. The upper discharge joystick and switch panel will be mounted on the left side of the center console, nearest the driver and the lower discharge joystick and switch panel will be mounted on the right side of the center console, nearest the turret operator.

HRET AUXILIARY AGENT DISCHARGE

DRY CHEMICAL DISCHARGE

The HRET will be equipped with a dry chemical discharge. Dry chemical agent supply to the nozzle will be with a full flow 1.5 inch (38 millimeter) hose attached to an automatic spring rewind hose reel equipped with a ball bearing swivel joint. The hose reel will be mounted to the lower boom assembly to allow for smooth deployment and rewinding of the hose as the extendible turret is elevated, extended or tilted. The dry chemical discharge will allow for a minimum flow rate of 16 pounds per second (7.3 kg/sec.) throughout the full range of motion.

BOOM TRACKING LIGHTS

There will be two (2) 3 inch (76 millimeter) round 24-volt DC Hella Gen III boom tracking lights provided on the HRET. One (1) light will be installed at the rear of the upper boom directed toward the HRET tip and one (1) light will be installed at the top of the lower boom directed at the pedestal base. Each light assembly will contain four (4) white LEDs with a total light output of 800 raw lumens and a black colored aluminum housing. The tracking lights will be active anytime the HRET is not bedded in the cradle.

SNOZZLE HRET - BOOM TIP LIGHTING

There will be two (2) 24-volt DC, weatherproof 3 inch (76 mm) diameter LED spot lights attached to the nozzle tip assembly. The lights will move with the HRET turret movement in the vertical and horizontal axes to provide illumination of the water/foam stream or function as an independent remote controlled light tower.The boom spotlights will be controlled by activation switch bank adjacent to the HRET turret controls.

SNOZZLE HRET - BOOM TIP STROBE

There will be one (1) flashing red LED light attached to the tip of the upper boom assembly. The light will be activated when the boom is elevated and the "BOOM UNBEDED" circuit is energized.

HRET - CAMERA SYSTEM

ZOOM COLOR CAMERA

There will be a full color, compact, high resolution, shock resistant, weatherproof camera with zoom capability attached to HRET turret. The camera will move with the horizontal and vertical movements of the turret. A switch will be provided with the HRET controls for the zoom in and zoom out functions.

PIERCING TIP CAMERA

A shock resistant color camera will be provided on the HRET piercing tip. The color camera will be mounted to the piercing barrel and will follow the vertical movement of the piercing tip.

A switcher will automatically change between the fixed color camera and piercing tip camera when the piercing function is activated on the HRET controls.

UNDERTRUCK NOZZLES

There will be four (4) undertruck nozzles provided to discharge water/foam beneath the vehicle as well as the inner sides of the wheels and tires spaced in a pattern from the front axle to the rear axle of the

chassis. The nozzles will be brass construction and will be capable of flowing 19 gpm (72 lpm) each with a total flow of 76 gpm (288 lpm). The undertruck nozzles will be activated by a switch in the cab.

BODY COMPONENTS

COMPARTMENTS

The body compartments will be weather-tight, vented and drained to allow collected water to run out under the vehicle. Each compartment will be equipped with Gortite brand roller shutter type doors. The doors will have replaceable aluminum slats with an anodized finish. The door lift bar will be constructed from round stainless steel and will have adequate room to be operated with a gloved hand. The spring loaded compartment door roller mechanism will be 3 inches (7.62 mm) in diameter to provide maximum interior space.

The vehicle will have adequate compartment space to enclose the firefighting systems and storage of rescue equipment. The body construction will include one (1) upper body compartment and two (2) lower body compartments per side for a total of three (3) on the left and three (3) on the right. The lower compartments will have minimum door opening sizes of 50 inches (127 cm) in height and 62 inches (157.4 cm) in width.

The total compartment space will be = 303.33 ft³. (8.59 m³)

The left side compartment interior dimensions will be the following:

1. Left side upper: 27 inches (685.8 mm) high x 30 inches (762 mm) wide x 28 inches (711.2 mm) deep = 13.125 ft³. (.37 m³)
2. Left side front lower: 50inches (1,270 mm) high x 63 inches (1,600.2 mm) wide x 38 inches (965.2 mm) deep = 69.27 ft³. (1.96 m³)
3. Left side rear lower: 50 inches (1,270 mm) high x 63 inches (1,600.2 mm) wide x 38 inches (965.2 mm) deep = 69.27 ft³. (1.96 m³)

The right side compartment interior dimensions will be the following:

1. Right side upper: 27 inches (685.8 mm) high x 30 inches (762 mm) wide x 28 inches (711.2 mm) deep = 13.125 ft³. (.37 m³)
2. Right side front lower: 50 inches (1,270 mm) high x 63 inches (1,600.2 mm) wide x 38 inches (965.2 mm) deep = 69.27 ft³. (1.96 m³)
3. Right side rear lower: 50 inches (1,270 mm) high x 63 inches (1,600.2 mm) wide x 38 inches (965.2 mm) deep = 69.27 ft³. (1.96 m³)

The compartments will be fabricated from formed, welded and riveted aluminum sheet material. The interior of the compartments will be chemically pre-treated and painted with a durable grey spatter type textured finish.

COMPARTMENT MATTING

The vehicle will have matting placed in the bottom of each body compartment and the bottom of each shelf. The matting will be extruded PVC type or approved equivalent. The matting will be impervious to water or foam. The matting will afford some amount of protection for the floor finish and keep objects

from direct contact with the shelving and compartment floor. The matting will allow water to flow to any drains or lowermost part of the compartment floor.

REAR ACCESS LADDER

There will be a sturdy vertical ladder attached at the center of the vehicle at the rear of the vehicle to provide access to the roof. The ladder will have a folding design so the lower most section can be stowed out of the way. The folding section will have a positive latching system with latches on both sides to keep the ladder safely in place. The ladder will be constructed from high-grip knurled aluminum material.

HANDRAILS

There will be extruded aluminum slip-resistant handrails or guardrail at all steps, walkways, and elevated workstations.

RUNNING BOARDS, STEPS, AND WALKWAYS

Running boards, step surfaces, ladder rungs, walkways, and catwalks will have anti-skid treads.

REAR ENGINE ACCESS DOORS

Walk-in access to the engine, cooling system and electrical components will be provided on each side of the vehicle by large, vertical roller shutter type doors. The doors will have aluminum slats with an anodized finish. The individual door slats will be replaceable. The opening lift bar will be constructed from stainless steel and will be an easy to open with a gloved hand. An audible alarm will activate in the cab when doors are opened and vehicle is shifted out of neutral or the parking brake released. A heavy duty manually deployed step will be provided for maintenance access to the engine compartments. The steps will have a pin to retain them in the stowed position and will tilt down into place; one (1) on the left side of the vehicle and one (1) on the right side of the vehicle.

LEFT FRONT LOWER COMPARTMENT

DUAL AGENT HOSE REEL

There will be a fix mounted dual agent hose reel for dry chemical and water/foam discharge in the left front lower body compartment equipped with 100 ft. (30 m) of 1 in. (25 mm) dual agent twinned booster hose. The hose reel will be equipped with a 24-volt DC electric rewind motor and will have manual rewind provisions in case of an electrical failure. The manual hand crank will be mounted in the compartment adjacent to the hose reel. A "Hydro-Chem" handline nozzle will be installed at the end of the hose reel capable of discharging 60 gpm (227 lpm) of water/foam solution and 7 lbs./second (2.3 - 3.2 kg/second) of dry chemical powder with a minimum range of 80 ft. (24 m). Charging of the dry chemical tank and dry chemical handline will be possible from the dry chemical activation switch adjacent to the reel. Dry chemical blowdown procedures will be activated from within the cab. Water pump engagement and foam system activation will be activated from within in the cab or at the structural panel if equipped. The water/foam discharge will be activated by a manually operated quarter turn ball valve. The valve will have a push/pull "T" handle with position locking feature to maintain a partially open position if required. Water/foam reel blow down will be accomplished by a manually operated pneumatic switch at the reel to evacuate the water/foam hose of the wet agent with compressed air. Roller guides will be provided at the sides and bottom of the hose reel to assure ease

of deployment when hose is taken off the reel and during rewind operations. A tension device will be installed to prevent the unreeling of the hose when the water/foam or dry chemical lines are charged.

RIGHT FRONT COMPARTMENT

There will be one (1) height-adjustable fixed shelf mounted in the right front lower body compartment. The shelf will have exterior dimensions of 23.25 inches (590 millimeters) wide and 24.38 inches (620 millimeters) deep. The left, right, and rear sides of the shelf will be 7.75 inches (197 millimeters) high and will taper down at a 45 degree angle toward the 2.5 inch (64 millimeters) high front face of the shelf. The shelf will be constructed of .188 inch (5 millimeter) thick formed aluminum with welded corners and will be painted with a mulitspec paint to match the compartment interior. The corners of the shelf will be open to allow water to drain out.

RIGHT REAR COMPARTMENT

FIXED SHELF

There will be one (1) height-adjustable fixed shelf provided in the right rear lower body compartment.

MANUALS

The manuals provided will be in a commercial format utilizing primarily line art for parts identification/assembly drawings and a combination of line art and photographs for service and operations related information. Manuals will be identified with a title page to distinguish them from one another.

WEB BASED SUPPORT

A 24-hour web-based parts and service system will be accessible via an internet browser. Features of this website will include the following:

- A user-specific, secure login
- Access to digital copies of service bulletins and technical instructions
- Access to digital copies of vehicle-specific operator and service manuals, schematics, service diagrams, and parts books
- An aftermarket parts catalog with live inventory level information
- A customer support contact page

OPERATOR'S MANUAL

One (1) hard copy and one (1) digital copy on USB flash drive of the vehicle operator's manual will be provided in the English language. The operator's manual will provide all information required for the safe, efficient operation of the vehicle fire extinguishing systems, equipment, special attachments or auxiliary support equipment. The operator's manual will include:

- Drawings and descriptions of locations and functions for all controls and instruments
- Safety information consistent with NFPA and OSHA safety standards
- All operational checks, inspection procedures, and adjustments prior to putting the vehicle into service upon receipt from the manufacturer
- Disabled vehicle towing procedure
- Tire changing procedure

- Tie-down procedures/lashing for vehicle transport via lowboy trailer
- Step by step procedures and descriptions to operate the vehicle, firefighting systems, and auxiliary equipment
- Draining, flushing, re-servicing, etc. post operation procedures
- Operator daily maintenance inspection checklist and basic troubleshooting procedures
- Periodic and preventative maintenance schedule in hours, miles, time period, etc.

The operator's manual will contain line art drawings of the left side, right side, front, and rear of the vehicle exterior showing basic dimensions and weights. The weights provided will be total vehicle and individual axle weights when unladen (no agent, occupants or equipment).

SERVICE AND MAINTENANCE MANUAL

One (1) hard copy and one (1) digital copy on USB flash drive of the service and maintenance manual will be provided in the English language. The manual will cover vehicle maintenance, troubleshooting and repair procedures ranging from minor to major services. The manual will identify all special tools and testing equipment for inspection, servicing and maintenance. The manual will contain:

- Performance specifications
- Tolerances
- Fluid capacities
- Current, voltage and resistance data
- Test procedures
- Illustrations and exploded views of assemblies
- Table of contents
- Alphabetical index
- Preventative maintenance schedule
- Required periodic maintenance schedule
- Lubrication points and service intervals

A set of the following schematics will be included with the service and maintenance manual:

- Full vehicle electrical diagrams in color
- Full vehicle water/firefighting system/plumbing diagrams
- Full vehicle pneumatic diagrams in color
- Full vehicle hydraulic diagrams in color

PARTS MANUAL

One (1) hard copy and one (1) digital copy on USB flash drive of the parts manual will be provided in the English language. The parts manual will provide the necessary information to locate and identify the parts and quantities of parts/hardware of vehicle assemblies and components. The parts manual will contain:

- Exploded views of parts/assemblies/subassemblies/special equipment
- Drawings with reference numbers for part identification
- Description and quantity of each component used in an assembly

- Size, thread information, and other information of non-standard hardware (bolts, nuts, washers, etc.)
- Size, thread information, torque specifications and other information of non-standard fittings, lubricants or special components
- A numerical index

VEHICLE FAMILIARIZATION TRAINING

An Oshkosh representative will be on-site for vehicle training and familiarization. Firefighting agents and required propellants are not provided for training purposes. For the duration of the training period only water will be used as an extinguishing agent.

After delivery of the vehicle to the airport, the manufacturer will provide the services of a qualified technician for up to eight (8) consecutive days for training. The training schedule will be optimized to cover all necessary shift schedules to maximize attendance during the course. During the training there will be several opportunities provided by the trainer to allow each shift to complete the vehicle training requirements.

The trainer will provide thorough instruction in the use, operation, maintenance, and testing of the vehicle. This setup includes operator training for the primary operators, which will give them sufficient knowledge to train other personnel in the functional use of all firefighting and vehicle operating systems. The training will cover, but not be limited to:

- Course outline
- Vehicle specifications (dimension, agent capacities, etc.)
- Vehicle familiarization (component location, storage areas, etc.)
- Firefighting agent system operation
- Operational procedures/hazards
- Daily and routine maintenance checks
- Hands-on operational training
- In depth HRET training
- Critical performance items
- Critical maintenance items
- Emergency/equipment failure procedures

Prior to concluding the course, the trainer will review the maintenance instructions with the necessary personnel to acquaint them with the required checks and procedures to ensure maximum performance and up time. The trainer will also share how to obtain product support and service for the vehicle after the training is complete.

The training course will include written operating instructions, electronic training aids (videos/power point), or other graphic representations to depict the step-by-step operation of the vehicle. The written instructions will include materials that can be used to train subsequent new operators.

ALLISON TRANSMISSION WARRANTY

A five (5) year Allison transmission will be provided.

	TO: San Bernardino International Airport Authority Commission **DATE: May 27, 2026** **ITEM NO: 17** **PRESENTER: Jeff Barrow, Director of Development**

SUBJECT: AWARD A DESIGN-BUILD CONSTRUCTION CONTRACT TO BOGH ENGINEERING, LLC IN AN AMOUNT NOT TO EXCEED $200,000 FOR THE PHASE I – SBD ABOVE AND BEYOND PROJECT

SUMMARY

The award of this design-build construction contract would authorize Bogh Engineering, LLC to complete the design, engineering, and permitting of the SBD Above and Beyond Project utilizing a design-build construction method.

RECOMMENDED ACTION(S)

Award a design-build construction contract to Bogh Engineering, LLC in an amount not to exceed $200,000 for the Phase I – SBD Above and Beyond Project; and authorize the Chief Executive Officer to execute all related documents.

FISCAL IMPACT

None. Funding for this project is included in the San Bernardino International Airport Authority (SBIAA) Fiscal Year 2025-2026 Budget as a Capital Improvement Project, Project Number 26s072-1 – IAF 3rd Floor - Restaurant in the amount of $6,000,000 of which $5,685,128 is available to allocate $200,000 to Phase I of this contract.

PREPARED BY:	Griselda Lizarraga
CERTIFIED AS TO AVAILABILITY OF FUNDS:	Mark Cousineau
APPROVED AS TO FORM AND LEGAL CONTENT:	Scott Huber
FINAL APPROVAL:	Michael Burrows

BACKGROUND INFORMATION

On March 25, 2026, the San Bernardino International Airport Authority (SBIAA) Commission authorized Staff to issue a Request for Qualifications (RFQ) to solicit qualified firms for a design-build project delivery method for the SBD Above and Beyond Project.

Phase I consists of space planning, design, value engineering, and permitting for the SBD Above and Beyond Project, which would be performed on a time and charges basis in an amount not to exceed $200,000. Upon completion of Phase I, the final construction amount would be addressed and funded under Phase II which would be subject to a subsequent approval from the SBIAA Commission at a future meeting. All plan check and permitting would be conducted through the City of San Bernardino.

Staff solicited RFQs from qualified design-build firms, and received responses from Bogh Engineering, LLC and HMC Construction Services. On April 30, 2026, Staff conducted interviews with the firms, and found Bogh Engineering, LLC the most qualified firm to deliver this project.

SBIAA's standard form design-build construction contract will be used for this project. Staff recommends the Commission approve the above recommended actions.

Attachments:

1. Aerial Map
2. Bogh Engineering, LLC Proposal

DESIGN BUILD CONTRACT

This Design Build Contract (the “contract” or “Contract”), is made and entered into this ____ day of _____, 2026, by and between San Bernardino International Airport Authority (referred to herein as the “Owner” or the “Agency”) and _____ (the "Contractor").

WITNESSETH: That the parties hereto have mutually covenanted and agreed, and by these presents do covenant and agree with each other as follows:

1. THE WORK:

a. Project: _____ to be constructed at _____ (“the . Project Site”) as described on Exhibit “A” attached hereto.

b. The Contractor shall design and construct the Project for Agency in accordance with the Contract Documents at the Project Site and furnish all supervision, tools, equipment, labor, materials and supplies necessary to perform all of the work (“Work”) set forth in the Contract Documents, and shall comply with the Contract Documents and all legal requirements of all jurisdictions having authority with regard to the Project, which are in effect during the term of the Project. Agency and Contractor acknowledge and agree that Contractor’s duties and obligations with respect to the Work include, without limitation, “Design Services” as further described in Exhibit “B” attached hereto for certain elements of the Project.

c. Contractor further acknowledges and agrees that the Contract Price set forth in the Agreement includes such Design Services.

2. Contract Documents. The Contract Documents consist of the following documents, and are intended to cooperate so that any work called for in one and not mentioned in the other, or vice versa, is to be executed the same as if mentioned in all said documents:

a. This Agreement (including all Exhibits affixed hereto or incorporated by reference), the drawing and specifications and all addenda (collectively “Drawings and Specifications”), issued by Agency prior to execution of this Agreement, and all changes issued or approved by Agency in writing after execution of this Agreement.

b. The Noncollusion Affidavit the Certification of Insurance Coverage, the Clean Air and Water Pollution Control Certification, DBE Contract Goals and Certifications, Certificate Regarding No Suspension and Debarment from Bidding on Public Works Contracts, Trade Restriction Certificate, Certificate and Designation of Subcontractors, Certification Relating to Campaign Contributions, the Performance Bond, the Labor and Material Bond,.

3. TIME FOR PROJECT COMPLETION: All work under this Contract shall be completed within a period of _____ consecutive calendar days commencing with the start date indicated in the written notice to proceed received from the AGENCY (the “Completion Date”).

4. **THE CONTRACT PRICE**: The AGENCY shall pay the CONTRACTOR for the performance of this Contract, subject to the additions and deductions provided herein, the sum of _____(the "Contract Price.)

Question: **What is the payment structure? Set sum or cost plus, guaranteed minimum?**

5. CONTRACTOR LICENSE.

Contractor must possess a **CLASS "____"** Contractor's License, issued by the State of California, which is current and in good standing.

If Contractor is a corporation or other legal entity, the undersigned hereby represents and warrants that such entity is duly formed in good standing, and authorized to conduct business in the State of California, and that _____ whose title is _____, is authorized to act for and bind the corporation.

7. PROGRESS PAYMENTS.

a. On or before the twenty-fifth (25th) day of each calendar month during the progress of the portion of the Work for which payment is being requested, the Contractor shall submit to the Agency an itemized application for payment for operations completed in accordance with the schedule of values. All work will be billed on the Agency's standard pay application.

b. Within thirty (30) calendar days after receipt of an undisputed and properly submitted request for payment, Contractor shall be paid a sum equal to ninety-five percent (95%) of the value of the work performed up to the last day of the previous month, less the aggregate of previous payments. For purposes of this Article, a payment request is not considered late if payment is beyond thirty (30) calendar days if the payment request is delayed due to an audit inquiry by the financial officer of the Agency or any county or government agency included in the processing of the payment request. The value of the work completed shall be an estimate only, no inaccuracy or error in said estimate shall operate to release the Contractor, or any bondsman, from damages arising from such work or from enforcing each and every provision of this contract and the Agency shall have the right subsequently to correct any error made in any estimate for payment.

c**.** An approved request for payment, a progress payment or partial or entire use or occupancy of the project by the Agency shall not constitute acceptance of work.

d. Agency shall have the right, if necessary for the protection of the Agency, to issue joint checks made payable to the Contractor and subcontractors and/or material or equipment suppliers. The joint check payees shall be responsible for the allocation and disbursement of funds included as part of any such joint payment. In no event shall any joint check payment be construed to create any contract between the Agency and a subcontractor of any tier, any obligation from the Agency to such subcontractor, or rights in such subcontractor against the Agency.

e. No later than seven (7) calendar days after receipt, pursuant to Public Contract Code 7107, the Contractor shall pay to each subcontractor, out of the amount paid to the Contractor on account of such subcontractor's portion of the work, the amount to which said

subcontractor is entitled, reflecting percentages actually retained from payments to the Contractor on account of such subcontractor's portion of the work. The Contractor shall, by appropriate agreement with each subcontractor, require each subcontractor to make payments to sub-subcontractors in a similar manner.

8. RETENTION:

a. Pursuant to Public Contract Code 7201 the retention amount withheld is five percent (5%) of the total value of the contract or work performed. The retainage, less any amounts disputed by the Agency or which the Agency has the right to withhold, shall be paid no later than sixty (60) calendar days after the acceptance of the work and recording of the notice of completion by Agency. No interest shall be paid on any retainage, or on any amounts withheld due to a failure of the Contractor to perform, in accordance with the terms and conditions of the contract documents, except as provided to the contrary in any escrow agreement between the Agency and the Contractor pursuant to Public Contract Code § 22300.

b. Pursuant to Public Contract Code Section 22300, Contractor has the option to deposit securities with an escrow agent approved by the Agency as a substitute for retention earnings withheld by the Agency to ensure performance.

9. PAYMENT AND PERFORMANCE BONDS:

Contractor shall apply for and furnish a performance bond in the form of Attachment No. ____and a payment bond in the form of Attachment No. ___which shall cover 100% faithful performance of and payment of all obligations arising under this Contract and guaranteeing the payment in full of all claims for labor performed and materials supplied for the work. To the extent, if any, that the contract price is increased in accordance with the contract documents, the amount of the bonds provided by the Contractor shall be increased automatically and accordingly and the Contractor shall promptly deliver satisfactory evidence of such increase to the Agency. To the extent available, the bonds shall further provide that no change or alteration of the Contract Documents (including, without limitation, an increase in the contract price, as referred to above), extensions of time, or modifications of the time, terms, or conditions of payment to the Contractor will release the surety. If the Contractor fails to furnish the required bond, the Agency may terminate the contract for cause.

10. PERFORMANCE OF WORK / DELAY:

a. In the event said Contractor fails to furnish tools, equipment, or labor in the necessary quantity or quality, or fails to prosecute the Work or any part thereof contemplated by this Contract in a diligent and workmanlike manner, and if the Contractor for a period of two (2) calendar days after receipt of written demand from Agency to do so, fails to furnish tools, equipment, or labor in the necessary quantity or quality, and to prosecute said work and all parts thereof in a diligent and workmanlike manner, or after commencing to do so within said two (2) calendar days, fails to continue to do so, then the Agency may exclude the Contractor from the Project Site, or any portion thereof, and take possession of said Project Site or any portion thereof, together with all material and equipment thereon, and my complete the work

contemplated by this Agreement or any portion of said work, either by furnishing the tools, equipment, labor or material necessary, or by letting the unfinished portion of said work, or the portion taken over by the Agency to another Contractor, or by a combination of such methods. In any event, the procuring of the completion of said work, or the portion thereof taken over by the Agency, shall be a charge against the Contractor, and may be deducted from any money due or becoming due to Contractor from the Agency, or the Contractor shall pay the Agency the amount of said charge, or the portion thereof unsatisfied. The sureties, provided for under this Agreement shall become liable for payment should Contractor fail to pay in full any said cost incurred by the Agency.

b. The Contractor shall not be charged for liquidated damages, as set forth in the Agreement, because of any delays in completion of the work due to unforeseeable causes beyond the control and without the fault or the negligence of Contractor, including, but not restricted to, acts of god, acts of public enemy, acts of government, acts of the Agency or anyone employed by it, acts of another Contractor in performance of a contract (other than this contract) with the Agency, fires, floods, epidemics, quarantine restrictions, strikes, unusually severe weather or delays of subcontractors due to such causes.

C. The Contractor shall within five (5) days of the beginning of any delay in the prosecution of the work notify the Agency in writing of causes of delay. Agency will then ascertain the facts and extent of the delay and grant an extension of time for completing the work when, in its judgment, the findings of fact justify such an extension. Extensions of time shall apply only to that portion of the work directly affected by the delay and Contractor shall have no right to an extension of time for performance of any other portion of the work not so affected. The sole remedy of Contractor for extensions of time under Article shall be an extension of the contract time at no cost to the Agency.

11. **LIQUIDATED DAMAGES**:

Pursuant to Government Code Section 53069.85, if the Work is not completed by the Completion Date under Article 3 above it is understood, acknowledged and agreed that the Agency will suffer damage. It is therefore agreed that the Contractor will pay the Agency the sum of **$_____** for each and every calendar day of delay beyond the Completion Date. Contractor expressly understands, acknowledges and agrees that such liquidated damages can and shall be imposed if the Contractor does not complete the Work by the Completion Date and the Agency's acceptance of such work and/or payment(s) shall in no respect constitute a waiver or modification of any provisions regarding the time period to complete the work or liquidated damages. In the event the same is not paid, the Contractor further agrees that the Agency may deduct the amount thereof from any money due or that may become due the Contractor under the Agreement. This Article does not exclude recovery of damages under other provisions of this Contract.

12. CLOSE OUT / FINAL PAYMENT

a. When the Contractor considers that the work, or a portion thereof which the Agency agrees to accept separately, is complete, the Contractor shall notify the Agency, and the Agency shall inspect the work and prepare and submit to the Contractor a comprehensive list of minor items to be completed or corrected (punch list). The Contractor and/or its subcontractors shall proceed promptly to complete and correct items on the list. Any failure by the Agency to include an item on such list does not alter the responsibility of the Contractor to complete all work in accordance with the Contract Documents.

b. When the work, or designated portion thereof, is complete (including all punch list items), the Agency will prepare a notice of completion which shall establish the date of completion, establish the responsibilities of the Agency and Contractor for security, maintenance, heat, utilities, damage to the work and insurance and fix the time within which the Contractor shall finish all items on the list accompanying the notice of completion. Warranties required by the Contract Documents shall commence on the date of completion of the Work or designated portion thereof, unless otherwise provided in the notice of completion. The notice of completion shall be submitted to the Agency and the Contractor for their written acceptance of responsibilities assigned to them in such notice.

c. Final payment, constituting the entire unpaid balance of the agreement sum together with all retentions, shall be paid by the Agency to the Contractor within 60 days after completion of the work as defined in California Public Contract Code § 7107.

d. If more than two (2) requests of the Agency to make inspections under paragraph (a) above, the cost of any additional inspection shall be considered an additional service of Agency and all subsequent costs will be invoiced to Contractor and withheld from remaining payments.

13. DAVIS-BACON REQUIREMENTS.

a. Minimum Wages.

(1) All laborers and mechanics employed or working upon the site of the Project will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR Part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the Contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of subparagraph a.(4) of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR § 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: *Provided*, that the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under a.(2) of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the Contractor and its subcontractors at the site of the work in a prominent and accessible place where it can easily be seen by the workers.

(2)

(i) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(A) The work to be performed by the classification requested is not performed by a classification in the wage determination;

(B) The classification is utilized in the area by the construction industry; and

(C) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(ii) If the Contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the Agency agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the Agency to the Administrator of the Wage and Hour Division, U.S. Department of Labor, Washington, D.C. 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the Agency or will notify the Agency within the 30-day period that additional time is necessary.

(iii) In the event the Contractor, the laborers, or mechanics to be employed in the classification, or their representatives, and the Agency do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits where appropriate), the Agency shall refer the questions, including the views of all interested parties and the recommendation of the Agency, to the Administrator for determination. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the Agency or will notify the Agency within the 30-day period that additional time is necessary.

(iv) The wage rate (including fringe benefits where appropriate) determined pursuant to subparagraphs a.(2)(ii) or (iii) of this paragraph, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

(3) Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the Contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

(4) If the Contractor does not make payments to a trustee or other third person, the Contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, *Provided*, that the Secretary of Labor has found, upon the written request of the Contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the Contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

b. Withholding. The Federal Aviation Administration or the Agency shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld from the Contractor under this contract or any other Federal contract with the same Contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same Contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the Contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the Federal; Aviation Administration may, after written notice to the Contractor, Agency, Applicant, or Owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

c. Payrolls and Basic Records.

(1) Payrolls and basic records relating thereto shall be maintained by the Contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the Project. Such records shall contain the name, address, and social security number of each such worker; his or her correct classification; hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act); daily and weekly number of hours worked; deductions made; and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the Contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual costs incurred in providing such benefits. Contractor employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

(2)

(i) The Contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the Federal; Aviation Administration if the agency is a party to the contract, but if the agency is not such a party, the Contractor will submit the payrolls to the applicant, Sponsor, or Owner, as the case may be, for transmission to the Federal Aviation Administration. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR § 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (*e.g.*, the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at *http://www.dol.gov/esa/whd/forms/wh347instr.htm* or its successor site. The prime

contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the Federal Aviation Administration if the agency is a party to the contract, but if the FAA is not such a party, the Contractor will submit them to the Agency for transmission to the FAA, the Contractor, or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for prime contractor to require a subcontractor to provide addresses and social security numbers to the Contractor for its own records, without weekly submission to the sponsoring government agency (or the applicant, Sponsor, or Owner).

(ii) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the Contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(A) That the payroll for the payroll period contains the information required under 29 CFR § 5.5(a)(3)(ii), the appropriate information is being maintained under 29 CFR § 5.5 (a)(3)(i), and that such information is correct and complete;

(B) That each laborer and mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR Part 3;

(C) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(iii) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph c.(2)(ii) of this section.

(iv) The falsification of any of the above certifications may subject the Contractor or subcontractor to civil or criminal prosecution under Section 1001 of Title 18 and Section 231 of Title 31 of the United States Code.

(3) The Contractor or subcontractor shall make the records required under paragraph c(1) of this section available for inspection, copying or transcription by authorized representatives of the Agency, the FAA, or the Department of Labor and shall permit such representatives to interview employees during working hours on the job. If the Contractor or subcontractor fails to submit the required records or to make them available, the FAA or Department of Labor may, after written notice to the Contractor, sponsor, applicant, or Agency, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment of the Contractor or subcontractor pursuant to 29 CFR § 5.12.

d. Apprentices and Trainees.

(1) Apprentices. Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice. The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination of the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the Contractor's or subcontractor's registered program shall be observed. Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination. In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the Contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(2) Trainees. Except as provided in 29 CFR § 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration. The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee

performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. In the event the Employment and Training Administration withdraws approval of a training program, the Contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

e. Compliance with Copeland Act Requirements. Contractor must comply with the requirements of the Copeland "Anti-Kickback" Act (18 USC 874 and 40 USC 3145), as supplemented by Department of Labor regulation 29 CFR part 3. Contractor and subcontractors are prohibited from inducing, by any means, any person employed on the project to give up any part of the compensation to which the employee is entitled. The Contractor and each Subcontractor must submit to the Agency, a weekly statement on the wages paid to each employee performing on covered work during the prior week. Agency must report any violations of the Act to the Federal Aviation Administration.

f. Subcontracts. The Contractor or subcontractor shall insert in any subcontracts the clauses contained in 29 CFR §§ 5.5(a)(1) through (10) and such other clauses as the FAA may by appropriate instructions require, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The Contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR § 5.5.

g. Contract Termination: Debarment. A breach of the contract clauses in paragraphs a. through j. of this section 8 may be grounds for termination of the contract, and for the debarment as a Contractor or subcontractor as provided in 29 CFR § 5.12.

h. Compliance With Davis-Bacon and Related Act Requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR Parts 1, 3, and 5 are herein incorporated by reference in this contract.

i. Disputes Concerning Labor Standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes provision of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR Parts 5, 6 and 7. Disputes within the meaning of this clause include disputes between the Contractor (or any of its subcontractors) and the Agency, the U.S. Department of Labor, or the employees or their representatives.

j. Certification of Eligibility.

(1) By entering into this contract, the Contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the Contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR § 5.12(a)(1).

(2) No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR § 5.12(a)(1).

(3) The penalty for making false statements or certifications in the making of this contract is prescribed in the U.S. Criminal Code, 18 U.S.C. § 1001.

14. CONTRACT WORK HOURS AND SAFETY STANDARDS ACTS REQUIREMENTS.

a. Overtime Requirements.

No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic, including watchmen and guards, in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

b. Violation; Liability for Unpaid Wages; Liquidated Damages.

In the event of any violation of the clause set forth in paragraph (1) of this clause, the Contractor and any subcontractor responsible therefore shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1) of this clause, in the sum of $33 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1) of this clause.

c. Withholding for Unpaid Wages and Liquidated Damages.

The Federal Aviation Administration (FAA) or the Owner shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally- assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2) of this clause.

d. Subcontractors.

The Contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraphs (1) through (4) and also a clause requiring the subcontractor to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1) through (4) of this clause.

10. VETERAN'S PREFERENCE.

In the employment of labor (excluding executive, administrative, and supervisory positions), the Contractor and all sub-tier contractors must give preference to covered veterans as defined within Title 49 United States Code Section 47112. Covered veterans include Vietnam-era veterans, Persian Gulf veterans, Afghanistan-Iraq war veterans, disabled veterans, and small business concerns (as defined by 15 USC § 632) owned and controlled by disabled veterans. This preference only applies when there are covered veterans readily available and qualified to perform the work to which the employment relates.

11. COMPLIANCE WITH NONDISCRIMINATION REQUIREMENTS

During the performance of this contract, the Contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "Contractor"), agrees as follows:

1. Compliance with Regulations**:** The Contractor (hereinafter includes consultants) will comply with the Title VI List of Pertinent Nondiscrimination Acts and Authorities, as they may be amended from time to time, which are herein incorporated by reference and made a part of this contract.
2. Nondiscrimination**:** The Contractor, with regard to the work performed by it during the contract, will not discriminate on the grounds of race, color, national origin), creed, sex, age, or disability in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The Contractor will not participate directly or indirectly in the discrimination prohibited by the Nondiscrimination Acts and Authorities, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR part 21 including amendments thereto.
3. Solicitations for Subcontracts, including Procurements of Materials and Equipment**:** In all solicitations, either by competitive bidding or negotiation made by the Contractor for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier will be notified by the Contractor of the contractor's obligations under this contract and the Nondiscrimination Acts and Authorities on the grounds of race, color, or national origin.
4. Information and Reports**:** The Contractor will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Sponsor or the Federal Aviation Administration to be pertinent to ascertain compliance with such Nondiscrimination Acts and Authorities and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish the information, the Contractor will so certify to the Sponsor or the Federal Aviation Administration, as appropriate, and will set forth what efforts it has made to obtain the information.
5. Sanctions for Noncompliance**:** In the event of a Contractor's noncompliance with the non- discrimination provisions of this contract, the Sponsor will impose such contract sanctions as it or the Federal Aviation Administration may determine to be appropriate, including, but not limited to:
    a. Withholding payments to the Contractor under the contract until the

Contractor complies; and/or

b. Cancelling, terminating, or suspending a contract, in whole or in part.

6. Incorporation of Provisions**:** The Contractor will include the provisions of paragraphs one through six in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations, and directives issued pursuant thereto. The Contractor will take action with respect to any subcontract or procurement as the Sponsor or the Federal Aviation Administration may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the Contractor becomes involved in, or is threatened with litigation by a subcontractor, or supplier because of such direction, the Contractor may request the Sponsor to enter into any litigation to protect the interests of the Sponsor. In addition, the Contractor may request the United States to enter into the litigation to protect the interests of the United States.

12. DISADVANTAGED BUSINESS ENTERPRISE PROGRAM PROVISIONS.

The Contractor, subrecipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The Contractor shall carry out applicable requirements of 49 CFR Part 26, including any amendments thereto, in the award and administration of DOT-assisted contracts. Failure by the Contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the recipient deems appropriate, which may include, but is not limited to:

1) Withholding monthly progress payments;

2) Assessing sanctions;

3) Liquidated damages; and/or

4) Disqualifying the Contractor from future bidding as non-responsible.

The prime contractor agrees to pay each subcontractor under this prime contract for satisfactory performance of its contract no later than [specify number of days, not to exceed 30] days from the receipt of each payment the prime contractor receives from [Name of recipient]. The prime contractor agrees further to return retainage payments to each subcontractor within [specify number of days, not

to exceed 30] days after the subcontractor's work is satisfactorily completed. Any delay or postponement of payment from the above referenced time frame may occur only for good cause following written approval of the [Name of Recipient]. This clause applies to both DBE and non-DBE subcontractors.

The prime contractor must not terminate a DBE subcontractor listed in response to [include Solicitation
paragraph number where paragraph A11.3.1, Solicitation Language appears] (or an approved substitute DBE firm) without prior written consent of [Name of Recipient]. This includes, but is not limited to, instances in which the prime contractor seeks to perform work originally designated for a DBE subcontractor with its own forces or those of an affiliate, a non-DBE firm, or with another DBE firm.

The prime contractor shall utilize the specific DBEs listed to perform the work and supply the materials for which each is listed unless the contractor obtains written consent [Name of Recipient]. Unless [Name of Recipient] consent is provided, the prime contractor shall not be entitled to any payment for work or material unless it is performed or supplied by the listed DBE.

[Name of Recipient] may provide such written consent only if [Name of Recipient] agrees, for reasons stated in the concurrence document, that the prime contractor has good cause to terminate the DBE firm. For purposes of this paragraph, good cause includes the circumstances listed in 49 CFR § 26.53.

Before transmitting to [Name of Recipient] its request to terminate and/or substitute a DBE subcontractor, the prime contractor must give notice in writing to the DBE subcontractor, with a copy to [Name of Recipient], of its intent to request to terminate and/or substitute, and the reason for the request.

The prime contractor must give the DBE five days to respond to the prime contractor's notice and advise [Name of Recipient] and the contractor of the reasons, if any, why it objects to the proposed termination of its subcontract and why [Name of Recipient] should not approve the prime contractor's action. If required in a particular case as a matter of public necessity (e.g., safety), [Name of Recipient] may provide a response period shorter than five days.

In addition to post-award terminations, the provisions of this section apply to pre-award deletions of or substitutions for DBE firms put forward by offerors in negotiated procurements.

13. ACCESS TO RECORDS AND REPORTS.

The Contractor shall maintain an acceptable cost accounting system. The Contractor agrees to provide the Agency, the Federal Aviation Administration, the Comptroller General of the United States or any of their duly authorized representatives access to any books, documents, paper, and records of the Contractor which are directly pertinent to this Contract or the Project for the purposes of making an audit, examination, excerpts, and transcriptions. The Contractor agrees to maintain all books, records and

reports required under this contract for a period of not less than 3 years after the Agency makes final payment and all other pending matters are closed.

14. BREACH OF CONTRACT TERMS.

Any violation or breach of terms of this Contract on the part of the Contractor or its subcontractors may result in the suspension or termination of this Contract or such other action that may be necessary to enforce the rights of the parties of this agreement.

Agency will provide Contractor written notice that describes the nature of the breach and corrective actions the Contractor must undertake in order to avoid termination of the Contract. Agency reserves the right to withhold payments to Contractor until such time the Contractor corrects the breach or the Agency elects to terminate the Contract. The Agency's notice will identify a specific date by which the Contractor must correct the breach. Agency may proceed with termination of this Contract if the Contractor fails to correct the breach by the deadline indicated in the Agency's notice.

The duties and obligations imposed by the Contract Documents and the rights and remedies available thereunder shall be in addition to and not a limitation of, any duties, obligations, rights and remedies otherwise imposed or available by law.

15. TERMINATION FOR CAUSE

The Agency may, by written notice of default to the Contractor, terminate all or part of this Contract for cause if the Contractor:

(1) Fails to begin the Work under the Contract within the time specified in the notice- to-proceed from Agency;

(2) Fails to make adequate progress as to endanger performance of this Contract in accordance with its terms;

(3) Fails to make delivery of the equipment within the time specified in the Contract, including any Agency approved extensions;

(4) Fails to comply with material provisions of the Contract;

(5) Submits certifications made under the Contract and as part of their proposal that include false or fraudulent statements; or

(6) Becomes insolvent or declares bankruptcy.

If one or more of the stated events occur, the Agency will give notice in writing to the Contractor and Surety of its intent to terminate the contract for cause. At the Agency's discretion, the notice may allow the Contractor and Surety an opportunity to cure the breach or default.

If within ten [10] days of the receipt of notice, the Contractor or Surety fails to remedy the breach or default to the satisfaction of the Agency, the Agency has authority to acquire equipment by other procurement action. The Contractor will be liable to the Agency for any excess costs the Agency incurs for acquiring such similar equipment.

Payment for completed equipment delivered to and accepted by the Agency shall be at the Contract price. The Agency may withhold from amounts otherwise due the Contractor for such completed equipment, such sum as the Agency determines to be necessary to protect the Agency against loss because of Contractor default.

Agency will not terminate the Contractor's right to proceed with the work under this clause if the delay in completing the work arises from unforeseeable causes beyond the control and without the fault or negligence of the Contractor. Examples of such acceptable causes include: acts of God, acts of the Agency, acts of another Contractor in the performance of a contract with the Agency, and severe weather events that substantially exceed normal conditions for the location.

If, after termination of the Contractor's right to proceed, the Agency determines that the Contractor was not in default, or that the delay was excusable, the rights and obligations of the parties will be the same as if the Agency issued the termination for the convenience the Agency.

The rights and remedies of the Agency in this clause are in addition to any other rights and remedies provided by law or under this contract.

16. TERMINATION FOR CONVENIENCE (CONSTRUCTION & EQUIPMENT CONTRACTS)

The Agency may terminate this contract in whole or in part at any time by providing written notice to the Contractor. Such action may be without cause and without prejudice to any other right or remedy of Agency. Upon receipt of a written notice of termination, except as explicitly directed by the Agency, the Contractor shall immediately proceed with the following obligations regardless of any delay in determining or adjusting amounts due under this clause:

(1) Contractor must immediately discontinue work as specified in the written notice.

(2) Terminate all subcontracts to the extent they relate to the work terminated under the notice.

(3) Discontinue orders for materials and services except as directed by the written notice.

(4) Deliver to the Agency all fabricated and partially fabricated parts, completed and partially completed work, supplies, equipment and materials acquired prior to termination of the work, and as directed in the written notice.

(5) Complete performance of the work not terminated by the notice.

(6) Take action as directed by the Agency to protect and preserve property and work related to this contract that Agency will take possession.

Agency agrees to pay Contractor for:

(1) Completed and acceptable work executed in accordance with the contract documents prior to the effective date of termination;

(2) Documented expenses sustained prior to the effective date of termination in performing work and furnishing labor, materials, or equipment as required by the contract documents in connection with uncompleted work;

(3) Reasonable and substantiated claims, costs, and damages incurred in settlement of terminated contracts with Subcontractors and Suppliers; and

(4) Reasonable and substantiated expenses to the Contractor directly attributable to Agency's termination action.

Agency will not pay Contractor for loss of anticipated profits or revenue or other economic loss arising out of or resulting from the Agency's termination action.

The rights and remedies this clause provides are in addition to any other rights and remedies provided by law or under this contract.

17. INCORPORATION OF PROVISIONS.

The Contractor shall include the provisions of this contract in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Regulations of directives issued pursuant thereto. The Contractor shall take such action with respect to any subcontract or procurement as the Agency or the FAA may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, however, that in the event the Contractor becomes involved in, or is threatened with, litigation with a subcontractor or supplier as a result of such direction, the Contractor may request the Agency to enter into such litigation to protect the interests of the Agency and, in addition, the Contractor may request the United States to enter into such litigation to protect the interests of the United States.

18. CONTRACTOR CLAIMS OF $375,000 OR LESS.

Claims by the Contractor relating to the Project for (a) a time extension, (b) money or damages arising from work done by, or on behalf of, the Contractor on the Project for which payment is not expressly provided for or to which the Contractor is not otherwise entitled, or (c) an amount that is disputed by the Agency, with a value of $375,000 or less, are subject to the claims procedures set forth in California Public Contract Code Sections 20104, et seq., except as otherwise provided in this Contract and the incorporated documents, conditions and specifications. A copy of California Public Contract Code Sections 20104 through 20104.6 is attached to this Contract.

19. TRENCHES GREATER THAN FIVE (5) FEET DEEP:

Pursuant to Labor Code § 6705, if this contract involves the excavation of any trench or trenches five feet or more in depth, the Contractor shall, in advance of excavation,

submit to the Agency or to whomever Agency designates a detailed plan showing the design or shoring, bracing, sloping or other provisions to be made for worker protection from the hazard of caving ground during the excavation of such trench or trenches. If such plan varies from the Shoring System Standards established by the Construction Safety Orders of the Division of Industrial Safety, the plan shall be prepared by a registered civil or structural engineer employed by the Contractor, and all costs therefore shall be included in the price named in the contract for completion of the work as set forth in the Contract Documents. In no case shall such plan be less effective than that required by the Construction Safety Orders. No excavation of such trench or trenches shall be commenced until said plan has been accepted by CAL-OSHA and a CAL-OSHA permit for such plan delivered to the AGENCY. (Labor Code § 6500; Health and Safety Code Section 17922.5).

20. TRENCHES OR EXCAVATION GREATER THAN FOUR (4) FEET BELOW THE SURFACE:

Pursuant to Public Contract Code § 7104, when any excavation or trenching extends greater than four (4) feet below the surface:

a. The Contractor shall promptly, and before the following conditions are disturbed, notify Agency, in writing, of any:

(1) material that the Contractor believes may be material that is hazardous waste, as defined in section 25117 of the Health and Safety Code, that is required to be removed to a Class I, Class II or Class III disposal site in accordance with the provisions of existing law.

(2) subsurface or latent physical conditions at the site differing from those indicated.

(3) unknown physical conditions at the site of any unusual nature, different materially from those ordinarily encountered and generally recognized as inherent in work of the character provided for in the contract.

b. The Agency shall promptly investigate the conditions, and if it finds that the conditions do materially so differ, or do involve hazardous waste and cause a decrease or increase in the Contractor's cost of, or the time required for, performance of any part of the work shall issue a change order under the procedures described in the contract.

c. In the event that a dispute arises between the Agency and the Contractor whether the conditions materially differ or involve hazardous waste, or cause a decrease or increase in the Contractor's cost of, or time required for performance of any part of the work, the Contractor shall not be excused from any scheduled completion date provided for by the contract, but shall proceed with all work to be performed under the contract. The Contractor shall retain any and all rights provided either by contract or by law which pertain to the resolution of disputes and protests between the Agency and the Contractor.

21. CLAIMS / ALTERNATE DISPUTE RESOLUTION OF CLAIMS OF $375,000.00 OR LESS

a. Claims by either party must be made within ten (10) calendar days after occurrence of the event giving rise to such claim or within ten (10) calendar days after the claimant first recognizes the condition giving rise to the claim, whichever is later. Claims must be made by written notice. An additional claim made after the initial claim has been implemented by change order will not be considered. The failure of the Contractor to provide the required notice shall constitute an express waiver of any right to assert such claim, whether affirmatively or defensively.

b. Notwithstanding any other provision herein, claims of $375,000.00 or less shall be resolved pursuant to the alternative dispute resolution procedures set forth in Public Contract Code § 20104, et seq. “Claim” for this purpose means a separate demand by the Contractor for a time extension, payment of money or damages arising from work done by or on behalf of the Contractor pursuant to the contract, for which payment is expressly provided, or the Contractor is otherwise entitled to, or an amount the payment of which is disputed by the Agency.

22. BACKGROUND CHECK

Contractor agrees to comply with a criminal background check of all employees upon request. Contractor shall conduct criminal background check of all employees and sub-contractors employees. Contractor must provide the Agency with a list of all employees providing services pursuant to this Agreement, and designate to which sites they will be assigned. Failure to comply with this law may result in, at Agency’s sole discretion, termination of this Agreement.

23. CERTIFICATION REGARDING LOBBYING

The Contractor (or any Bidder or Offeror) certifies by signing and submitting this Contract and any bid or proposal, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the Contractor (or any Bidder or Offeror), to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit

Standard Form-LLL, “Disclosure Form to Report Lobbying,” in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all sub-awards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all sub-recipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such failure.

24. GENERAL CIVIL RIGHTS PROVISIONS.

In all its activities within the scope of its airport program, the Contractor agrees to comply with pertinent statutes, Executive Orders, and such rules as identified in Title VI List of Pertinent Nondiscrimination Acts and Authorities to ensure that no person shall, on the grounds of race, color, national origin, creed, sex, age, or disability be excluded from participating in any activity conducted with or benefiting from Federal assistance.

This provision is in addition to that required by Title VI of the Civil Rights Act of 1964.

The above provision binds the Contractor and subcontractors from the bid solicitation period through the completion of the contract.

25. TITLE VI LIST OF PERTINENT NONDISCRIMINATION ACTS AND AUTHORTIES.

During the performance of this contract, the Contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the “Contractor”) agrees to comply with the following non- discrimination statutes and authorities; including but not limited to:

- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d *et seq*., 78 stat. 252) (prohibits discrimination on the basis of race, color, national origin);
- 49 CFR Part 21 (Non-discrimination in Federally-Assisted programs of the Department of Transportation—Effectuation of Title VI of the Civil Rights Act of 1964) including amendments thereto;
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601) (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. § 794 *et seq*.), as amended (prohibits discrimination on the basis of disability); and 49 CFR part 27

(Nondiscrimination on the Basis of Disability in Programs or Activities Receiving Federal Financial Assistance);

- The Age Discrimination Act of 1975, as amended (42 .U.S.C. § 6101 *et seq*.) (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982 (49 U.S.C. § 47123), as amended (prohibits discrimination based on race, creed, color, national origin, or sex);
- The Civil Rights Restoration Act of 1987 (P.L. 100-259) (broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, the Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act of 1990 (42 U.S.C. § 12101, et seq) (prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities) as implemented by U.S. Department of Transportation regulations at 49 CFR Parts 37 and 38;
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. § 1681, et seq).

26. ASSIGNMENT OF CERTAIN RIGHTS TO THE AGENCY.

In entering into this Contract or a subcontract to supply goods, services, or materials pursuant to this Contract, the Contractor and/or subcontractor offers and agrees to assign to the Agency all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter 2 (commencing with Section 16700) of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, services, or materials pursuant to this Contract or the subcontract. This assignment shall be made and become effective at the time the Agency tenders final payment to the Contractor, without further acknowledgement by the parties.

27. ENERGY CONSERVATION REQUIREMENTS

Contractor and all subcontractors agree to comply with mandatory standards and policies relating to energy efficiency that are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (42 USC 6201 et seq).

28. TEXTING WHEN DRIVING

In accordance with Executive Order 13513, "Federal Leadership on Reducing Text Messaging While Driving", (10/1/2009) and DOT Order 3902.10, "Text Messaging While Driving", (12/30/2009), the FAA encourages recipients of Federal grant funds to adopt and enforce safety policies that decrease crashes by distracted drivers, including

policies to ban text messaging while driving when performing work related to a grant or subgrant.

In support of this initiative, the Agency encourages the Contractor to promote policies and initiatives for its employees and other work personnel that decrease crashes by distracted drivers, including policies that ban text messaging while driving motor vehicles while performing work activities associated with the project. The Contractor must include the substance of this clause in all sub-tier contracts exceeding $10,000 that involve driving a motor vehicle in performance of work activities associated with the project.

29. PROCUREMENT OF RECOVERED MATERIALS

Contractor and subcontractor agree to comply with Section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act, and the regulatory provisions of 40 CFR Part 247. In the performance of this contract and to the extent practicable, the Contractor and subcontractors are to use products containing the highest percentage of recovered materials for items designated by the Environmental Protection Agency (EPA) under 40 CFR Part 247 whenever:

(1) The contract requires procurement of $10,000 or more of a designated item during the fiscal year; or

(2) The contractor has procured $10,000 or more of a designated item using Federal funding during the previous fiscal year.

The list of EPA-designated items is available at www.epa.gov/smm/comprehensive-procurement-guidelines-construction-products.

Section 6002(c) establishes exceptions to the preference for recovery of EPA-designated products if the contractor can demonstrate the item is:

(a) Not reasonably available within a timeframe providing for compliance with the contract performance schedule;

(b) Fails to meet reasonable contract performance requirements; or

(c) Is only available at an unreasonable price.

30. CERTIFICATION OF OFFEROR/BIDDER REGARDING TAX DELINQUENCY AND FELONY CONVICTIONS

The applicant must complete the following two certification statements. The applicant must indicate its current status as it relates to tax delinquency and felony conviction by inserting a checkmark (✓) in the space following the applicable response. The applicant agrees that, if awarded a contract resulting from this solicitation, it will incorporate this provision for certification in all lower tier subcontracts.

Certifications

(1) The applicant represents that it is ( ) is not ( ) a corporation that has any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability.

(2) The applicant represents that it is ( ) is not ( ) is not a corporation that was convicted of a criminal violation under any Federal law within the preceding 24 months.

Note

If an applicant responds in the affirmative to either of the above representations, the applicant is ineligible to receive an award unless the sponsor has received notification from the agency suspension and debarment official (SDO) that the SDO has considered suspension or debarment and determined that further action is not required to protect the Government's interests. The applicant therefore must provide information to the owner about its tax liability or conviction to the Agency, who will then notify the FAA Airports District Office, which will then notify the agency's SDO to facilitate completion of the required considerations before award decisions are made.

Term Definitions

Felony conviction: Felony conviction means a conviction within the preceding twenty-four (24) months of a felony criminal violation under any Federal law and includes conviction of an offense defined in a section of the U.S. code that specifically classifies the offense as a felony and conviction of an offense that is classified as a felony under 18 U.S.C. § 3559.

Tax Delinquency: A tax delinquency is any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted, or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability.

31. TRADE RESTRICTION CERTIFICATION

By submission of an offer and execution of this Contract, the Offeror/Contractor certifies that with respect to this solicitation and any resultant contract, the Offer/Contractor –

(1) is not owned or controlled by one or more citizens of a foreign country included in the list of countries that discriminate against U.S. firms as published by the Office of the United States Trade Representative (USTR);

(2) has not knowingly entered into any contract or subcontract for this project with a person that is a citizen or national of a foreign country included on the list of countries that discriminate against U.S. firms as published by the USTR; and

(3) has not entered into any subcontract for any product to be used on the Federal project that is produced in a foreign country included on the list of countries that discriminate against U.S. firms published by the USTR.

This certification concerns a matter within the jurisdiction of an agency of the United States of America and the making of a false, fictitious, or fraudulent certification may render the maker subject to prosecution under Title 18 USC § 1001.

The Offeror/Contractor must provide immediate written notice to the Agency if the Offeror/Contractor learns that its certification or that of a subcontractor was erroneous when submitted or has become erroneous by reason of changed circumstances. The Contractor must require subcontractors provide immediate written notice to the Contractor if at any time it learns that its certification was erroneous by reason of changed circumstances.

Unless the restrictions of this clause are waived by the Secretary of Transportation in accordance with 49 CFR § 30.17, no contract shall be awarded to an Offeror or subcontractor:

(1) who is owned or controlled by one or more citizens or nationals of a foreign country included on the list of countries that discriminate against U.S. firms published by the USTR; or

(2) whose subcontractors are owned or controlled by one or more citizens or nationals of a foreign country on such USTR list; or

(3) who incorporates in the public works project any product of a foreign country on such USTR list.

Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render, in good faith, the certification required by this provision. The knowledge and information of a contractor is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

The Offeror agrees that, if awarded a contract resulting from this solicitation, it will incorporate this provision for certification without modification in all lower tier subcontracts. The Contractor may rely on the certification of a prospective subcontractor that it is not a firm from a foreign country included on the list of countries that discriminate against U.S. firms as published by USTR, unless the Offeror has knowledge that the certification is erroneous.

This certification is a material representation of fact upon which reliance was placed when making an award. If it is later determined that the Contractor or subcontractor knowingly rendered an erroneous certification, the Federal Aviation Administration (FAA) may direct through the Owner cancellation of the contract or subcontract for default at no cost to the Agency or the FAA.

32. FEDERAL FAIR LABOR STANDARDS ACT (FEDERAL MINIMUM WAGE)

All contracts and subcontracts that result from this solicitation incorporate by reference the provisions of 29 CFR part 201, et seq, the Federal Fair Labor Standards Act (FLSA), with the same force and effect as if given in full text. The FLSA sets minimum wage, overtime pay, recordkeeping, and child labor standards for full and part-time workers.

The Contractor has full responsibility to monitor compliance to the referenced statute or regulation. The contractor must address any claims or disputes that pertain to a referenced requirement directly with the U.S. Department of Labor – Wage and Hour Division.

Requirement	Federal Agency with Enforcement Responsibilities
Federal Fair Labor Standards Act (29 USC 201)	U.S. Department of Labor – Wage and Hour Division

33. OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970.

All contracts and subcontracts that result from this solicitation incorporate by reference the requirements of 29 CFR Part 1910 with the same force and effect as if given in full text. The employer must provide a work environment that is free from recognized hazards that may cause death or serious physical harm to the employee. The employer retains full responsibility to monitor its compliance and their subcontractor's compliance with the applicable requirements of the Occupational Safety and Health Act of 1970 (29 CFR Part 1910). The employer must address any claims or disputes that pertain to a referenced requirement directly with the U.S. Department of Labor – Occupational Safety and Health Administration.

34. REGISTRATION FOR PUBLIC WORKS AND CERTIFICATIONS

Contractor acknowledges that this is a contract for a "public work" and subject to applicable California prevailing wage requirements.

Contractor and all subcontractors are required to be registered and qualified pursuant to California Labor Code Section 1725.5 to perform work on public work projects at all times during the term of this Contract. Contractor certifies to Agency that Contractor and all subcontractors performing work on the project are registered and qualified to work on public works contracts.

Contractor shall post on the job site all notices as prescribed by applicable regulations.

35. CALIFORNIA PUBLIC WORKS PROJECT – PREVAILING WAGES

Contractor acknowledges that this is a Contract for a "public work" and subject to applicable California prevailing wage requirements. Except to the extent of any conflict with the

requirements under the provisions of Section ____ of this Contract regarding compliance with the Davis-Bacon Act, all of the following provisions shall be applicable to this Contract:

a. Wage rates for this project shall be in accordance with the General Wage Determination Made By the Director of Industrial Relations Pursuant To California Labor Code, Part 7, Chapter 1, Article 2, Sections 1770, et seq., for San Bernardino County. Wage rates shall conform to those posted in the Agency Office. If the wage rates under the determination of the Secretary of Labor as provided in Section 8 above are higher than the applicable California wage rates then the federal wage rates shall be applicable to the work under this Contract.

b. The following California Labor Code Sections are hereby referenced and made a part of this Contract and are set forth in detail in the Exhibit "C":

1. Section 1735, Anti-Discrimination Requirements.
2. Section 1775, Penalty for Failure to Comply with Prevailing Wage Rates.
3. Section 1776, Payroll Records.
4. Section 1777.5 and 1777.6, Apprenticeship Requirements.
5. Section 1810 and 1811, Working Hour Restrictions.
6. Section 1813, Penalty for Failure to Pay Overtime.
7. Section 1815, Overtime Pay.

c. The Contractor shall provide certified payroll to the Agency upon written request, or if so requested by the Agency with each application for payment. If Agency has previously required certified payroll records to be provided with each Application for Payment then submission of certified payroll records as well as all related or subsequent requests for supporting documents made by the Agency shall be a condition precedent to receipt of progress, final, and or/retention payments on the Project. If the Agency has requested or otherwise required certified payroll records the Agency may withhold any portion of the progress and/or final payments up to and including the entire payment until the certified payroll records requirements is met by the Contractor. If the Contractor is determined to have failed to pay workers in compliance with the applicable prevailing wage sections of the Labor Code the Agency shall continue to withhold progress, final, or retention payments until sufficient funds have been withheld for payment of wages to workers and all applicable penalties.

d. Contractor shall comply with the requirements of Section 1771.4 of the California Labor Code to furnish directly to the Labor Commissioner on a monthly basis certified payroll records and other records specified in Section 1776 of the California Labor Code.

e. Contractor shall have ten (10) days in which to comply subsequent to receipt of a written notice requesting Certified Payroll Records or supporting documents. In the event that the Contractor fails to comply within the 10-day period, he or she shall, as a penalty to the Agency forfeit one hundred dollars ($100) per day under Labor Code 1776 for each calendar day, or portion thereof, for each worker, until strict compliance is effectuated. Upon the request of the Division of Apprenticeship Standards ("DAS") or

the Department of Labor Standards and Enforcement ("DLSE"), these penalties shall be withheld from progress payments then due. The Contractor is not subject to a penalty assessment pursuant to this section due to the failure of a subcontractor to comply with this section.

f. Contractor acknowledges that this project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

36. CLEAN AIR AND WATER POLLUTION CONTROL

Contractor agrees to comply with all applicable standards, orders, and regulations issued pursuant to the Clean Air Act (42 USC §§ 7401-7671q) and the Federal Water Pollution Control Act as amended (33 USC §§ 1251-1387). The Contractor agrees to report any violation to the Agency immediately upon discovery. The Agency assumes responsibility for notifying the Environmental Protection Agency (EPA) and the Federal Aviation Administration

Contractor must include this requirement in all subcontracts that exceed $150,000.

37. HOLD HARMLESS AGREEMENT

To the fullest extent permitted by law, the Contractor agrees to and does hereby indemnify, defend and hold harmless the Agency and each of their officers, agents, employees, and consultants (including the Agency's architects and engineers) from every claim or demand made and every liability, loss, damage, or expense of any nature whatsoever (including, but not limited to attorneys' fees and costs including fees of consultants) which may be incurred by reason of:

a. Liability for damage for death or bodily injury to persons or injury to property sustained by the Contractor or any other person, firm or corporation employed by the Contractor upon or in connection with the work called for in this Contract, except for liability for damages referred to above which result from the sole negligence or willful misconduct of the Agency, or each of their officers, agents or independent Contractor who are directly employed by the Agency or for defects in design furnished by such persons.

b. Any injury to or death of persons or damage, loss or theft of any property, sustained by any person, firm, or corporation, including the Agency, arising out of, or in any way connected with the work covered by this Contract, whether said injury or damage occurs either on Agency property or not, except for liability for damages which result from the sole negligence or willful misconduct of the Agency, its officers, employees, agents or independent contractors who are directly employed by the Agency, or for defects in design furnished by such persons.

c. Any dispute between Contractor and Contractor's subcontractors, suppliers, sureties, including, but not limited to, any stop notice actions.

The Contractor, at its own expense, cost, and risk, shall defend any and all actions, suits, or other proceedings that may be brought or instituted against the Agency, and each of their officers, agents, employees or consultants on any such claim, demand or liability and shall pay or satisfy any judgment that may be rendered against the Agency, and each of their officers, agents or employees in any action, suit or other proceedings as a result thereof.

38. INSURANCE

Before the commencement of the work, the Contractor shall purchase from and maintain, in a company or companies lawfully authorized by the State of California, Department of Insurance, to do business in California either i) as admitted carriers or ii) as approved for the List of Eligible Surplus Line Insurers ("LESLI"), insurance as set forth under this Article. For Liability and Workers' Compensation insurance, the insurance provider must also have an A.M. Best Rating of A VIII. The insurance shall protect the Contractor and Agency from claims set forth below, which may arise out of or result from the Contractor's operations under the contract and for which the Contractor may be legally liable, whether such operations are by the Contractor, by a subcontractor, by anyone directly or indirectly employed by any of them, or by anyone for whose acts any of them may be liable:

a. Claims for damages because of bodily injury, sickness, disease, or death of any person other than the Contractor's employees;
b. Claims for damages insured by usual personal injury liability coverage, which are sustained by a person as a result of an offense directly or indirectly related to employment of such person by the Contractor or by another person;
c. Claims for damages because of injury or destruction of tangible property, including loss of use resulting there from, arising from operations under the contract documents;
d. Claims for damages because of bodily injury, death of a person, or property damage arising out of the ownership, maintenance, or use of a motor vehicle, all mobile equipment, and vehicles moving under their own power and engaged in the work;
e. Claims involving blanket contractual liability applicable to the Contractor's obligations under the contract documents, including liability assumed by and the indemnity and defense obligations of the Contractor and the subcontractors; and claims involving completed operations, independent Contractors' coverage, and broad form property damage, without any exclusions for collapse, explosion, demolition, underground coverage, or excavating.
f. Insurance Limits

1. Contractor's Liability Insurance

(i) Worker's Compensation

State: California	Statutory
Voluntary Compensation (by any exempt entities):	Same as State Workers Compensation
Employer's Liability	Statutory

Benefits required by union labor contracts:	$1,000,000.00 Each accident As applicable

(ii) General Liability Insurance covering all operations performed by or on behalf of the Contractor providing coverage for bodily injury and property damage with limits of not less than the amounts set forth below per occurrence (can be combined single limit (CSL). The policy coverage shall include (i) premises operations and mobile equipment, (ii) products and completed operations, (iii) broad form property damage (including completed operations), (iv) explosion, collapse and underground hazards, (v) personal injury, and (vi) contractual liability.

1. Bodily Injury:

$ 1,000,000.00	Each Occurrence
$ 2,000,000.00	Aggregate

Or such great amounts as specified in the Agreement

2. Property Damage:

$ 1,000,000.00	Each Occurrence
$ 2,000,000.00	Aggregate

3. Products and Completed Operations Insurance shall be maintained for a minimum period of one (1) year after final payment and the Contractor shall continue to provide evidence of such coverage to the Agency on an annual basis during the aforementioned period.

4. Property Damage Liability Insurance shall include coverage for the following hazards:

X	X (Explosion)
X	C (Collapse)
X	U (Underground)

5. Contractual Liability (Hold Harmless Coverage): Include in CSL Form

a. Bodily Injury:

$ 1,000,000.00	Each Occurrence
$ 2,000,000.00	Aggregate

b. Property Damage:

$ 1,000,000.00 Each Occurrence

$ 2,000,000.00 Aggregate

6. Personal Injury (with Employment Exclusion deleted, if applicable):

$1,000,000.00 per occurrence
Aggregate subject to CSL Aggregate

7. If the General Liability policy includes a General Aggregate, such General Aggregate shall be not less than $2,000,000.00.

If Contractor's Contract (Total Bid Price) is expected to be more than $500,000.00, the following excess liability coverage is required:

a. Umbrella Excess Liability:

$ 2,000,000.00 (or such greater amount as provided in the Agreement) over primary insurance

$ 10,000.00 Retention

b. Automobile Liability (owned, non-owned, hired):

1. Bodily Injury: $1,000,000.00 CSL

$ 1,000,000.00 Each Person
$ 1,000,000.00 Each Accident

2. Property Damage:

$ 1,000,000.00 Each Occurrence

The Contractor shall require the carriers of required coverages to waive all rights of subrogation against the Agency and its officers, employees, agents, volunteers, contractors and subcontractors. All general or auto liability insurance coverage provided shall not prohibit the Contractor and Contractor's employees or agents from waiving the right of subrogation prior to a loss or claim. The Contractor hereby waives all rights of subrogation against the Agency.

The Contractor shall either include subcontractors of all tiers as insureds under its policies or the Contractor shall furnish separate certificates and endorsements for each subcontractor of all tiers to the Agency for review and approval. A "claims made" or modified "occurrence" policy shall not be acceptable to Agency.

The Contractor shall not commence work nor shall it allow any subcontractor to commence work under this contract until all required insurance, certificates, and additional insured endorsements have been delivered in duplicate to the Agency.

39. RECORD AUDIT

In accordance with Government Code, Section 8546.7, records of both the Agency and the Contractor shall be subject to examination and audit by the Auditor General for a period of three (3) years after final payment.

40. CONFLICT OF INTEREST – AGENCY REPRESENTATIVES

Contractor acknowledges that the Agency uses ethical business practices in the selection of its Contractors and in its other contracting practices. Contractor certifies that neither it nor its employees or agents have, with an intent to establish or maintain a business relationship with the Agency or any department thereof, provided any gift or sponsorship having a value of more than a fifty and 00/100 dollar ($50.00) value, in total or aggregated total, to: (i) any person working on behalf of the Agency involved in the negotiation of this Contract; (ii) any member of any department of the Agency procuring items or services from the Contractor under this Contract; and/or (iii) any person with authority to negotiate this or any other contract on behalf of the Agency. Further, Contractor certifies that neither it nor its employees or agents shall at any time in the future, with an intent to establish or maintain a business relationship with the Agency or any department thereof, provide any gift or sponsorship having more than a fifty and 00/100 dollar ($50.00) value, in total or aggregated total, to: (i) any person working on behalf of the Agency involved in the negotiation of this Contract; (ii) any member of any department of the Agency procuring items or services from the Contractor under this Contract; and/or (iii) any person with authority to negotiate this or any other contract on behalf of the Agency.

The Contractor acknowledges the obligations as set forth in this Article by the initials of the agent signing on behalf of the Contractor appearing below:

_____
(initial here)

41. CONFLICT OF INTEREST – CAMPAIGN CONTRIBUTIONS

The Contractor represents and warrants that it has reviewed and is familiar with the governing provisions of the California Government Code and the regulations promulgated there under by the Fair Political Practices Commission ("FPPC") regarding campaign contributions to appointed members of the governing body of the Agency. The Contractor further represents and warrants that neither the Contractor, nor any number of individuals employed by the Contractor or other contractors and Subcontractors of the Contractor, or any others acting on behalf of or in concert with the Contractor have contributed to: (i) any member of the governing body of the Agency, (ii) any election committee of any member of the governing body of the Agency, (iii) any "friends of" election committee of any member of the governing body of the Agency, or (iv) any political action committee ("PAC") representing, acting with or on behalf of any member of the governing body of the Agency, an amount in the aggregate of more than Two Hundred Fifty and 00/100 Dollars ($250.00) within the period commencing twelve (12) months prior to the date of the official action by the governing body of the Agency to approve this Contract. The Contractor covenants and warrants that for the period of time commencing as of the date of the approval of this

Contract by the governing body of the Agency and for ninety (90) calendar days thereafter, similarly no such campaign and/or fund-raising contributions aggregating in excess of $250.00 from the Contractor and other contractors and Subcontractors of the Contractor, or others action on behalf of or in concert with the Contractor, when aggregated with campaign contributions paid pursuant to the preceding sentence for the prior twelve (12) month period, shall be made to any member of the governing body who participated in the official action to approve this Contract. Such $250.00 limitation shall apply for the period of time commencing twelve (12) months prior to the date of the official action of the governing body of the Agency to approve this Contract and for ninety (90) calendar days thereafter and all such campaign contributions within said fifteen (15) month period of time shall be aggregated for purposes of the FPPC rules and regulations. Any breach of this Article, whether intentional or unintentional, shall be deemed to be a material breach of this Contract.

The Contractor acknowledges the obligations as set forth in this Article by the initials of the agent signing on behalf of the Contractor appearing below:

_____
(initial here)

42. FAIR POLITICAL PRACTICES COMMISSION FORMS AND FILINGS

The provisions of this Article shall apply to the Contractor, its employees and/or agents providing or supervising the services to the Agency as set forth in this Contract. The Contractor acknowledges and represents and warrants that the Contractor is aware of the requirements of the Fair Political Practices Commission ("FPPC") of the State of California, including the statutory requirements and the rules and regulations promulgated pursuant thereto, and the obligations and duties of third party contractors such as the Contractor to complete and timely submit the required FPPC reporting forms.

By the execution and acceptance of this Contract with the Agency, the Contractor hereby agrees that no later than the first day of April (April 1) of each calendar year, or any other date as designated by Agency legal counsel or the Clerk of the Board, the Contractor shall submit, and/or cause its employees and/or agents providing or supervising the services to the Agency as set forth in this Contract to submit, to the Clerk of the Board any reporting form or filing published and/or required by the FPPC which Agency legal counsel or the Clerk of the Board should deem appropriate and so request of the Contractor, properly and fully completed in accordance with the instructions of the FPPC, which instructions shall be provided to Contractor by the Clerk of the Board, identifying the appropriate and necessary economic disclosures of the Contractor, its employees and/or agents who perform services by, through or on behalf of the Contractor to the Agency pursuant to this Contract.

Further, the Contractor recognizes that it is neither the duty nor the responsibility of the Agency, its staff and/or legal counsel to review or seek additional information from the Contractor as to any information submitted to the Agency in the required FPPC reporting forms. The Contractor further understands that the Contractor, its principals, shareholders, and certain employees and/or agents could be subjected to fines and civil penalties imposed by the FPPC in the event any documentation submitted by the Contractor is deemed to be inadequate either by the FPPC or any other State or local prosecutorial

office. Under some circumstances, such inadequacies for failure to comply with the FPPC requirements may also involve criminal sanctions.

The Contractor shall further defend, indemnify and hold harmless the Agency, its officers, employees, representatives, and agents, for any and all violations by the Contractor regarding FPPC reporting compliance requirements that result in any liability or financial loss to the Agency, its officers, employees, representatives, and agents, by reason of the failure of the Contractor to comply with the provisions of this Article, including staff costs, attorney fees and any and all other costs as may be incurred by the Agency, its officers, employees, representatives, and agents due to any alleged violations of the FPPC reporting requirements by the Contractor.

The Contractor acknowledges the obligations as set forth in this Article by the initials of the agent signing on behalf of the Contractor appearing below:

_____
(initial here)

43. CONTRACTOR INTERESTS ADVERSE TO THE AGENCY

Contractor hereby represents that it has no interests adverse to the Agency or its individual member entities, at the time of execution of this Contract. Contractor hereby agrees that, during the Term of this Contract, the Contractor shall not enter into any agreement or acquire any interests detrimental or adverse to the Agency or its individual member entities. Additionally, Contractor hereby represents and warrants to Agency that Contractor and any partnerships, individual persons or any other party or parties comprising Contractor, together with each subcontractor who may hereafter be designated to perform services pursuant to this Contract, do not have and, during the Term of this Contract, shall not acquire any property ownership interest, business interests, professional employment relationships, contractual relationships of any nature or any other financial arrangements relating to the Agency, property over which the Agency has jurisdiction or any members or staff of the Agency that have not been previously disclosed in writing to Agency, and that any such property ownership interests, business interests, professional employment relationships, contractual relationships or any nature or any other financial arrangements will not adversely affect the ability of the Contractor to perform the services to the Agency as set forth in this Contract.

44. CONFIDENTIALITY OF MATERIALS AND INFORMATION:

The Contractor shall keep confidential all reports, survey notes and observations, information, and data acquired or generated in performance of the Work, which the Agency designates confidential. None of such designated confidential materials or information may be made available to any person or entity, public or private, without the prior written consent of the Agency. Contractor shall safeguard and not disclose confidential information of the Agency including any of the following: (a) patient, trademark or copyright information; (b) personnel information; (c) matters of a technical nature; (d) matters of a business nature; and, (e) other information of a similar nature which is not generally

disclosed by the Agency, referred to collectively hereafter as “Confidential Information.” Contractor further agrees not to use Confidential Information except as may be necessary to perform the services identified in this Agreement for the Agency. Upon termination or expiration of this Agreement, or otherwise as requested by the Agency, Contractor shall promptly deliver all Confidential Information to the Agency, if any, in whatever form, that may be in Contractor’s possession or control.

45. CERTIFICATION REGARDING DOMESTIC PREFERENCES FOR PROCUREMENTS

The Bidder or Offeror certifies by signing and submitting this bid or proposal that, to the greatest extent practicable, the Bidder or Offeror has provided a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States (including, but not limited to, iron, aluminum, steel, cement, and other manufactured products) in compliance with 2 CFR § 200.322.

46. PROHIBITION ON CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT

Contractor and Subcontractor agree to comply with mandatory standards and policies relating to use and procurement of certain telecommunications and video surveillance services or equipment in compliance with the National Defense Authorization Act [Public Law 115-232 § 889(f)(1)].

47. PROHIBITION OF COVERED UNMANNED AIRCRAFT SYSTEMS (UAS)

The Contractor/Bidder or Offeror certifies that they are aware of and comply with relevant Federal statutes and regulations, including those from the Federal Aviation Administration (FAA), for operating unmanned aircraft systems (UAS) in accordance, and in compliance with all related requirements in the FAA Reauthorization Act of 2024 (Public Law 118-63), section 936 (49 U.S.C. § 44801 note).

Contractor warrants that all UAS operations will be conducted in full compliance with all applicable Federal Aviation Administration (FAA) regulations, including but not limited to 14 CFR Part 107, and any other applicable local, state, or Federal laws and regulations.

Sponsors and subgrant recipients cannot use AIP grant funds to enter into, extend, or renew a contract related to covered unmanned aircraft systems (UAS). This includes both procurement and operational contracts, as well as contracts with entities that operate such systems.

48. ATTACHMENTS

The following attachments and component parts of this Contract are incorporated herein by reference and form part of the Contract:

Attachment No. 1 Certificate Regarding Workers Compensation
Attachment No. 2 Drug-Free Workplace Certification
Attachment No. 3 Contractor Prevailing Wage Compliance Certification
Attachment No. 4 Faithful Performance Bond
Attachment No. 5 Payment Bond
Attachment No. 6 Company Information Sheet
Attachment No. 7 Certification of Insurance Coverage
Attachment No. 8 Guarantee
Attachment No. 9 Sample Contract Change Order
Attachment No. 10 Certification of Offeror/Bidder Regarding Debarment
Attachment No. 11 Certification of Compliance with FAA Buy American Preference – Construction Projects

IN WITNESS WHEREOF, three identical counterparts of this Contract, each of which shall for all purposes be deemed an original thereof, have been duly executed by the parties hereinabove named, on the day and year first herein written.

AGENCY: San Bernardino International Airport Authority (First Party)

By: _____
(Authorized Representative)

_____
(Official Title)

Contractor: _____
(Second Party)

By: _____
(Authorized Representative)

_____
(Official Title)

Bond Number _____

Attest:

_____
Jennifer Farris
Clerk of the Board

Approved as to form and legal content

Mirau, Edwards, Cannon, Lewin & Tooke, LLP
A Limited Liability Partnership

By:_____
Michael Lewin, Partner

Exhibit "A"

Project Site

Exhibit "B"

Contractor Design Services

The Contractor's services under the Contract include the following design services:

1. The drawings and specifications, and all addenda issued by Agency prior to execution of this Agreement for the Project ("Agency Specifications") should serve as the basis of Contractor's design of the Work. If the Contractor observes that the Agency Specifications conflicts with applicable laws, statutes, ordinances, codes, rules and regulations, or lawful orders of public authorities, the Contractor shall notify the Owner of the conflict. If there is a change in the Agency Specifications, the Agency and the Contractor shall execute a change order.

2. The Contractor shall schedule and conduct meetings with the Agency and any other necessary individuals or entities to discuss and review the Agency Specifications. The review shall address possible alternative approaches to design and construction of the Project and include the Contractor's recommendations, if any, with regard to scheduling, procurement, or phased construction.

3. Contractor has been engaged to provide the design of as well as to construct the Work. Contractor shall utilize the services of competent design professionals (either salaried personnel of Contractor or independent consultants) to design the Work. Drawings and Specifications and other design documents shall be submitted to Agency for its approval at stages appropriate for review for conformance with the Project requirements. Construction of the Work shall not commence prior to obtaining such approval and satisfying any objections or revisions requested by Agency.

4. Contractor's duties shall include, without limitation and in addition to the duties otherwise imposed under the Agreement and other Contract Documents, the following (the "Design Services"):

(a) review and comment regarding the Agency Specifications and any schematic design developed by Agency or other design professionals, if any, engaged by Agency;

(b) prepare preliminary design documents which refine the Agency Specification and any schematic design developed by Agency, its Architect and/or other design professionals engaged by Agency;

(c) prepare all Drawings and Specifications setting forth the requirements for construction of the Work sufficient to enable trade contractors, subcontractors and suppliers to bid their respective portions of the Work and to enable workmen of ordinary skill to properly construct the Work;

(d) review existing conditions and facilities to the extent they may affect the Work or its design and/or construction;

(e) review drawings and specifications for any aspects or portions of the Project being designed or constructed by others to the extent they may affect the Work or its design and/or

construction, and coordinate Contractor's design of the Work with any such other aspects or portions of the Project;

(f) review drawings and specifications of existing facilities and coordinate design of the Work with them;

(g) document all changes in the Drawings and Specifications made during the course of design or construction of the Work, and provide a complete set of drawings indicating all such changes; and

(h) assist in obtaining all required governmental approvals of the Work.

5. All charges for Design Services (whether characterized as Basic Services" or Additional Services in any form of architects or engineers' agreement), and all computer time, reproduction and other miscellaneous costs and expenses associated therewith are included in the Contract Price Contractor's fee for design services and work is likewise included in the Contract Price. Any item constituting Additional Services" and entitling Contractor to additional compensation must be approved by Agency in accordance with the Contract terms.

Exhibit “C”

California Labor Code Sections

Attachment No. 1 Certificate Regarding Workers Compensation

CERTIFICATE REGARDING WORKERS' COMPENSATION

Every employer, shall secure the payment of compensation in one or more of the following ways:

A. By being insured against liability to pay compensation in one or more insurers duly authorized to write compensation insurance in the State of California.

B. By securing from the Director of Industrial Relations, a certificate of consent to self-insure either as an individual employer, or as one employer in a group of employers, which may be given upon furnishing proof satisfactory to the Director of Industrial Relations of ability to self-insure and to pay any compensation that may become due to its employees.

C. For all political subdivisions of the State, including each member of a pooling arrangement under a joint exercise of powers agreement (but not the State itself), by securing from the Director of Industrial Relations, a certificate of consent to self-insure against workers' compensation claims which certificate may be given upon furnishing proof satisfactory to the Director of ability to administer workers' compensation claims properly, and to pay workers' compensation claims that may become due to its employees. On or before May 31, 1979, a political subdivision of the State, which on December 31, 1978, was uninsured for its liability to pay compensation, shall file a properly completed and executed application for a certificate of consent to self-insure against workers' compensation claims. The certificate shall be issued and be subject to the provisions of Section 3702 of the Labor Code.

I am aware of the provisions of Section 3700 of the Labor Code, which require every employer, including subcontractors, to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of the code, and I will comply with such provisions before commencing the performance of the work of this Contract.

CONTRACTOR

_____
Signature

_____
Printed Name

_____
Official Title

Attachment No. 2 Drug-Free Workplace Certification

DRUG-FREE WORKPLACE CERTIFICATION

This Drug-Free Workplace Certification form is required from all successful bidders pursuant to the requirements mandated by Government Code, Section 8350 et. seq. the Drug-Free Workplace Act of 1990. The Drug-Free Workplace Act of 1990 requires that every person or organization awarded a contract or grant for the procurement of any property or service from any public agency must certify that it will provide a drug-free workplace by doing certain specified acts. In addition, the Act provides that each CONTRACTOR or grant awarded by a public agency may be subject to suspension of payments or termination of the contract or grant and the CONTRACTOR or grantee may be subject to debarment from future contracting, if the contracting agency determines that specified acts have occurred.

I acknowledge that I am aware of the provisions of Government Code Section 8350 et. seq. and hereby certify that I will adhere to the requirements of the Drug-Free Workplace Act of 1990. I also understand that if the AGENCY determines that I have either (A) made a false certification herein, or (B) violated this certification by failing to carry out the requirements of Section 8355, that the contract awarded herein is subject to termination, suspension of payments, or both. I further understand that, should I violate the terms of the Drug-Free Workplace Act of 1990, I may be subject to debarment in accordance with the requirements of Section 8350 et. seq.

_____

CONTRACTOR Signature

_____

Printed Name

Attachment No. 3 Contractor Prevailing Wage Compliance Certification

CONTRACTOR PREVAILING WAGE COMPLIANCE CERTIFICATION

To: Inland Valley Development Agency
1601 East 3rd Street, San Bernardino, CA 92408

I hereby certify that I will comply with the State of California Public Works Contract Requirements and Department of Industrial Relations Wage Orders regarding wages, benefits, on site audits with 48-hour notice, payroll records and apprentice and trainee employment requirements.

_____
CONTRACTOR

_____
CONTRACTOR'S PRINCIPAL'S SIGNATURE

_____
DATED

Attachment No. 4 Faithful Performance Bond

FORM OF PERFORMANCE BOND

KNOW ALL PERSONS BY THESE PRESENTS:

THAT WHEREAS, San Bernardino International Airport Authority (referred to herein as the "Agency") has awarded to _____, hereinafter designated as the "Contractor/Principal", the contract for the work described as follows:

San Bernardino International Airport
TAXIWAY REPAIR AND SHOULDER IMPROVEMENT PROJECT

NOW THEREFORE, we the Principal, and as Surety, are held and firmly bound unto , hereinafter called the _____, in the penal sum of Dollars ($)

lawful money of the United States, for the payment of which sum we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally firmly by these presents.

THE CONDITIONS OF THIS OBLIGATION ARE SUCH that, if the above bounden Principal, his/her or its heirs, executors, administrators, successors or assign, shall in all things stand to and abide by and keep and perform the covenants, conditions and agreements in the said contract and any alteration thereof made as therein provided, on his/her or their part, to be kept and performed at the time and in the manner therein specified, and in all respects according to their true intent and meaning, and shall indemnify and save harmless the Agency, its officers and agents, as therein stipulated, then this obligation shall become null and void: otherwise, it shall be and remain in full force and virtue, and also in case suit is brought upon such bond, the above bounden principal and the said surety will pay a reasonable attorney's fee which shall be awarded by the court to the prevailing party in said suit, said attorney's fee to be taxed as costs in said suit and to be included in the judgment therein rendered.

And the surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the contract or to the work to be performed or materials and/or equipment to be furnished thereunder or the Specifications accompanying the same, shall in anywise affect its obligations on this bond; and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the contract or to the work or to the Specifications.

Signatures on Following Page

IN WITNESS WHEREOF three identical counterparts of this instrument, each of which shall for all purposes be deemed an original thereof, have been duly executed by the Principal and Surety above named, on the _____ day of _____, 20____.

CONTRACTOR/PRINCIPAL:

Name: _____

By: _____

Signature: _____

SURETY: _____

Signature: _____

Attachment No. 5 Payment Bond

PAYMENT BOND FORM

KNOW ALL PERSONS BY THESE PRESENTS:

THAT WHEREAS, the **San Bernardino International Airport** (hereinafter referred to as "AGENCY") has awarded to , hereinafter designated as the "CONTRACTOR/PRINCIPAL" an agreement for the work described as follows:

_____

(Hereinafter referred to as the "Contract")

WHEREAS, said CONTRACTOR is required to furnish a bond in connection with said Contract, pursuant to Section 9550 et seq. of the California Civil Code.

NOW, THEREFORE, we, _____, the undersigned CONTRACTOR/PRINCIPAL and _____, Surety, a corporation organized and existing under the laws of the State of California, and duly authorized to transact business under the laws of the State of California as Surety, are held and firmly bound unto the **San Bernardino International Airport** and to any and all persons, companies or corporations entitled to file stop notices under Section 9100 of the California Civil Code in the sum of _____ **DOLLARS, ($ _____)**, said sum being not less than one hundred percent (100%) of the total amount payable by the said AGENCY under the terms of the said Contract, for which payment well and truly to be made, we bind ourselves, our heirs, executors, successors, administrators and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH that if, said CONTRACTOR/ PRINCIPAL, his/her or its heirs, executors, administrators, successors, or assigns, or a subcontractor, shall fail to pay any person or persons named in Civil Code Section 9100 or fail to pay for any materials, or other supplies, used in, upon, for, or about the performance of the work contracted to be done, or for any work or labor thereon of any kind, or for amounts due under the Unemployment Insurance Code, with respect to work or labor thereon of any kind, or shall fail to deduct, withhold and pay over to the Employment Development Department, any amounts required to be deducted, withheld and paid over by Section 13020 of the Unemployment Insurance Code with respect to work and labor thereon of any kind, then said Surety will pay for the same, in or to an amount not exceeding the amount hereinabove set forth, and also will pay in case suit is brought upon this bond, such reasonable attorney's fees as shall be fixed by the court, awarded and taxed as provided in Division 4, Part VI, Title III, Chapter 5 (commencing at Section 9550) of the California Civil Code.

This bond shall inure to the benefit of any of the persons named in Section 9100 of the California Civil Code, so as to give a right of action to such person or their assigns in any suit brought upon this bond.

It is further stipulated and agreed that the Surety of this bond shall not be exonerated or released from the obligation of the bond by any change, extension of time for performance, addition, alteration or modification in, to, or of any contract, plans, specifications or agreement pertaining or relating to any scheme or work of improvement hereinabove described or pertaining or relating to the furnishing of labor, materials or equipment therefore, nor by any change or modification of any terms of payment or extension of the time for any payment pertaining or relating to any scheme or work of improvement hereinabove described, nor by any rescission or attempted rescission of the contract, agreement or bond, nor by any conditions precedent or subsequent in the bond attempting to limit the right of recovery of claimants otherwise entitled to recover under any such contract or agreement or under the bond, nor by any fraud practiced by any person other than the claimant seeking to recover on the bond and that this bond be construed most strongly against the Surety and in favor of all persons for whose benefit such bond is given, and under no circumstances shall Surety be released from liability to those for whose benefit such bond has been given, by reason of any breach of contract between the AGENCY and original CONTRACTOR/ PRINCIPAL or on the part of any obligee named in such bond, but the sole condition of recovery shall be that claimant is a person described in Section 9100 of the California Civil Code, and has not been paid the full amount of his/her or its claim and that Surety does hereby waive notice of any such change, extension of time, addition, alteration or modification herein mentioned.

IN WITNESS WHEREOF, we have hereunto set our hands and seals this _____ day of _____, 20___.

CONTRACTOR/PRINCIPAL:

Name: _____

By: _____

Signature: _____

SURETY: _____

By: _____
Attorney-In-Fact

Signature: _____

IMPORTANT: Surety companies executing Bonds must possess a certification of authority from the California Insurance Commissioner authorizing them to write surety insurance defined in Section 105 of the California Insurance Code, and if the work or project is financed, in whole or in part, with federal grant or loan funds, must also appear on the Treasury Department's most current list (Circular 570 as amended).

THIS IS A REQUIRED FORM

(Name and Address of Surety) _____

(Name and Address of Agent or Representative for service of process in California if different from above) _____

_____

_____

(Telephone number of Surety and Agent or Representative for service of process in California) _____

_____

_____

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA
COUNTY OF SAN BERNARDINO

On _____, before me, _____, Notary Public, personally appeared _____, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature_____ (Seal)

ATTACHMENT NO. 6 TO AGREEMENT

COMPANY INFORMATION SHEET

DECLARATION

I declare under penalty of perjury under the laws of the State of California I have completed this Company Information Sheet and that the information contained herein is factual and accurate as of the date completed.

Completed and executed this_____day of_____,20___, in_____,_____
[day] [month] [city] [state]

By:_____
Print Name:_____
Print Title:_____

LEGAL NAME OF COMPANY:_____
ADDRESS:_____
TELEPHONE:_____ FAX: _____

TYPE OF BUSINESS (Check One):

[ ] CORPORATION [ ] LIMITED LIABILITY COMPANY
[ ] PARTNERSHIP [ ] JOINT VENTURE
[ ] INDIVIDUAL
[ ] INDIVIDUAL DOING BUSINESS UNDER A FIRM NAME
[ ] OTHER_____

STATE OF INCORPORATION OR FORMATION:

_____

PRINCIPALS/OFFICERS/PARTNERS/AGENCYS OF COMPANY
(List All Principals/Officers/Partners [including Joint Venture Partners, Managing Partner], as well as investors/investment companies):

Name	**Title**
_____	_____
_____	_____
_____	_____

[PLEASE ATTACH ADDITIONAL SHEETS AS NECESSARY IN ORDER TO PROVIDE ALL REQUESTED INFORMATION.]

IDENTIFICATION OF PRINCIPAL(S)/OFFICER(S)/REPRESENTATIVE(S) OF COMPANY – Execution of Legal Documents:
The Company has authorized and hereby designates the following individual(s) to execute legal documents on behalf of Company, including but not limited to contract documents, proposals and related documents:

Name	Title

IDENTIFICATION OF PRINCIPAL(S)/OFFICER(S)/REPRESENTATIVE(S) OF COMPANY – Representative and/or Management Capacity:

The Company has authorized and hereby designates the following individual(s) to serve in a representative and/or management capacity on behalf of Company relating to the concerned project, contract document, lease document, development document, or any other legal document or agreement, including but not limited to manager, project manager, site manager, etc.

Name	Title

[PLEASE ATTACH ADDITIONAL SHEETS AS NECESSARY IN ORDER TO PROVIDE ALL REQUESTED INFORMATION.]

COMPANY INFORMATION SHEET
SUBCONTRACTOR/VENDOR
[One form must be submitted for each listed sub-contractor or vendor]

DECLARATION

I declare under penalty of perjury under the laws of the State of California I have completed this Company Information Sheet and that the information contained herein is factual and accurate as of the date completed.

Completed and executed this _____ day of _____, 20___, in _____, _____
[day] [month] [city] [state]

By:_____
Print Name:_____
Print Title:_____

LEGAL NAME OF COMPANY:_____
ADDRESS:_____
TELEPHONE:_____FAX:_____

TYPE OF BUSINESS (Check One):

[ ] CORPORATION
[ ] LIMITED LIABILITY COMPANY
[ ] PARTNERSHIP
[ ] JOINT VENTURE
[ ] INDIVIDUAL
[ ] INDIVIDUAL DOING BUSINESS UNDER A FIRM NAME
[ ] OTHER_____

STATE OF INCORPORATION OR FORMATION:

_____

PRINCIPALS/OFFICERS/PARTNERS/AGENCYS OF COMPANY
(List All Principals/Officers/Partners [including Joint Venture Partners, Managing Partner], as well as investors/investment companies):

Name	**Title**
_____	_____
_____	_____
_____	_____

[PLEASE ATTACH ADDITIONAL SHEETS AS NECESSARY IN ORDER TO PROVIDE ALL REQUESTED INFORMATION.]

IDENTIFICATION OF PRINCIPAL(S)/OFFICER(S)/REPRESENTATIVE(S) OF COMPANY – Execution of Legal Documents:

The Company has authorized and hereby designates the following individual(s) to execute legal documents on behalf of Company, including but not limited to contract documents, proposals and related documents:

Name	Title
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

IDENTIFICATION OF PRINCIPAL(S)/OFFICER(S)/REPRESENTATIVE(S) OF COMPANY – Representative and/or Management Capacity:

The Company has authorized and hereby designates the following individual(s) to serve in a representative and/or management capacity on behalf of Company relating to the concerned project, contract document, lease document, development document, or any other legal document or agreement, including but not limited to manager, project manager, site manager, etc.

Name	Title
_____	_____
_____	_____
_____	_____

[PLEASE ATTACH ADDITIONAL SHEETS AS NECESSARY IN ORDER TO PROVIDE ALL REQUESTED INFORMATION.]

Attachment No. 7 Certification of Insurance Coverage

CERTIFICATION OF INSURANCE COVERAGE

THIS IS TO CERTIFY that the contractor identified below is insured as of this date against all of the risks required to be insured against by the specifications for the project identified below, including, but not limited to, the types and amount of insurance, and the named insured required by said specifications.

The undersigned further certifies that the premiums for aforesaid insurance have been paid in full for a term not less than the time between the estimated commencement and completion dates of the project, that the insurance policies will not be reduced as to limits of liability or coverages without the prior written consent of Agency, and that Agency shall be given thirty (30) days prior written notice, delivered to the Agency by registered mail, of any intent to cancel said policies in which event Agency shall have the right, in its sole discretion, to continue the respective coverages without alteration until satisfactory substitute coverage is provided.

Dated: _____, 2025.

Name and Address of Contractor

Name and Address of Insurance Co. and/or Agent

_____
_____
_____

By:_____ By:_____
Title:_____ Title:_____

Name of Project:

San Bernardino International Airport
TAXIWAY REPAIR AND SHOULDER IMPROVEMENT PROJECT

NOTE: POLICY COPIES OF CERTIFICATES OF INSURANCE COVERAGE FROM INSURANCE COMPANIES TO BE INCLUDED WITH THE CONTRACT

ATTACHMENT NO. 8 TO AGREEMENT

GUARANTEE

To:

Project:

We hereby guarantee all the work we will perform, install or construct, both labor and materials, on the above Project (whether listed below or not) and guarantee that such work will be done in accordance with the Project Drawings, Specifications, and other Contract Documents, and that the Work as installed/constructed will fulfill the requirements included in the Contract Documents.

The undersigned agrees to repair or replace, at no cost to the AGENCY, any or all of such work, together with any other adjacent work which may be displaced/damaged in connection with such replacement, that may prove to be defective in workmanship or material within the Guarantee Period, ordinary wear and tear and unusual abuse or neglect excepted.

The Guarantee Period shall commence on the date of completion as specified in the Notice of Completion approved by the AGENCY Board and shall continue for the longer of: (a) a period of one (1) year; (b) a period in excess of one (1) year, as specified or required in any Section of the Contract Documents; (c) the duration of a manufacturer's guarantee extending beyond one (1) year.

In the event of the undersigned's failure to comply with the above mentioned conditions within a reasonable period of time, as determined by the AGENCY, but not later than ten (10) days after being notified in writing by the AGENCY of defects requiring correction pursuant to this guarantee, the undersigned authorizes the AGENCY to proceed to have said defects repaired/corrected and made good at the expense of the undersigned, which will pay all costs and charges therefore upon demand.

General CONTRACTOR or Subcontractor: _____

Name of Authorized Person to Sign for the above: _____

Signature of Authorized Person: _____

Attachment No. 9 Sample Contract Change Order

SAMPLE CONTRACT CHANGE ORDER NO.

To Contract:
dated
by and between San Bernardino International Airport Authority (Agency),
and (Contractor),
Contractor is hereby directed to make the following change in contract work:

By reason of Change Order No._____, the time of expiration shall be adjusted as follows:_____calendar days shall be added / subtracted to the contract schedule. Adjusted contract completion date shall be
:

Recommended by (Engineer) Date:_____
Accepted by (Contractor) Date: _____
Approved by Agency Date: _____
Approved by FAA Date:_____

Attachment No. 10 CERTIFICATION OF OFFEROR/BIDDER REGARDING DEBARMENT

CERTIFICATION OF OFFEROR/BIDDER REGARDING DEBARMENT

By submitting a bid/proposal under this solicitation, the bidder or offeror certifies that neither it nor its principals are presently debarred or suspended by any Federal department or agency from participation in this transaction.

CERTIFICATION OF LOWER TIER CONTRACTORS REGARDING DEBARMENT

The successful bidder, by administering each lower tier subcontract that exceeds $25,000 as a "covered transaction", must confirm each lower tier participant of a "covered transaction" under the project is not presently debarred or otherwise disqualified from participation in this federally-assisted project. The successful bidder will accomplish this by:

1. Checking the System for Award Management at website: http://www.sam.gov.
2. Collecting a certification statement similar to the Certification of Offeror /Bidder Regarding Debarment, above.
3. Inserting a clause or condition in the covered transaction with the lower tier contract.

If the Federal Aviation Administration later determines that a lower tier participant failed to disclose to a higher tier participant that it was excluded or disqualified at the time it entered the covered transaction, the FAA may pursue any available remedies, including suspension and debarment of the non-compliant participant.

IN WITNESS WHEREOF, we have hereunto set our hands and seals this _____day of _____, 20___.

CONTRACTOR/PRINCIPAL:

Name: _____

By:_____

Signature:_____

Attachment No. 11 Certification of Compliance with FAA Buy American Preference – Construction Project

As a matter of bid responsiveness, the bidder or offeror must complete, sign, date, and submit this certification statement with its proposal. The bidder or offeror must indicate how it intends to comply with 49 USC § 50101, BABA and other related Made in America Laws, U.S. statutes, guidance, and FAA policies, by selecting one of the following certification statements. These statements are mutually exclusive. Bidder must select one or the other (i.e., not both) by inserting a checkmark (✓) or the letter "X".

☐ Bidder or offeror hereby certifies that it will comply with 49 USC § 50101, BABA and other related U.S. statutes, guidance, and policies of the FAA by:

a) Only installing iron, steel and manufactured products produced in the United States;

b) Only installing construction materials defined as: an article, material, or supply – other than an item of primarily iron or steel; a manufactured product; cement and cementitious materials; aggregates such as stone, sand, or gravel; or aggregate binding agents or additives that are or consist primarily of non-ferrous metals; plastic and polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables); glass (including optic glass); lumber or drywall that have been manufactured in the United States.

c) Installing manufactured products for which the Federal Aviation Administration (FAA) has issued a waiver as indicated by inclusion on the current FAA Nationwide Buy American Waivers Issued listing; or

d) Installing products listed as an Excepted Article, Material or Supply in Federal Acquisition Regulation Subpart 25.108.

By selecting this certification statement, the bidder or offeror agrees:

a) To provide to the Airport Sponsor or the FAA evidence that documents the source and origin of the iron, steel, and/or manufactured product.

b) To faithfully comply with providing U.S. domestic products.

c) To refrain from seeking a waiver request after establishment of the contract, unless extenuating circumstances emerge that the FAA determines justified.

d) Certify that all construction materials used in the project are manufactured in the U.S.

☐ The bidder or offeror hereby certifies it cannot comply with the 100 percent Buy American Preferences of 49 USC § 50101(a) but may qualify for a Type 3 or Type 4 waiver under 49 USC § 50101(b). By selecting this certification statement, the apparent bidder or offeror with the apparent low bid agrees:

a) To the submit to the Airport Sponsor or FAA within 15 calendar days of being selected as the responsive bidder, a formal waiver request and required documentation that supports the type of waiver being requested.

b) That failure to submit the required documentation within the specified timeframe is cause for a non-responsive determination that may result in rejection of the proposal.
c) To faithfully comply with providing U.S. domestic products at or above the approved U.S. domestic content percentage as approved by the FAA.
d) To furnish U.S. domestic product for any waiver request that the FAA rejects.
e) To refrain from seeking a waiver request after establishment of the contract, unless extenuating circumstances emerge that the FAA determines justified.

Required Documentation

Type 2 Waiver (Nonavailability) - The iron, steel, manufactured goods or construction materials or manufactured goods are not available in sufficient quantity or quality in the United States. The required documentation for the Nonavailability waiver is

a) Completed Content Percentage Worksheet and Final Assembly Questionnaire
b) Record of thorough market research, consideration where appropriate of qualifying alternate items, products, or materials including;
c) A description of the market research activities and methods used to identify domestically manufactured items capable of satisfying the requirement, including the timing of the research and conclusions reached on the availability of sources.

Type 3 Waiver – The cost of components and subcomponents produced in the United States is more than 60 percent of the cost of all components and subcomponents of the "facility/project." The required documentation for a Type 3 waiver is:

a) Completed Content Percentage Worksheet and Final Assembly Questionnaire including;
b) Listing of all manufactured products that are not comprised of 100 percent U.S. domestic content (excludes products listed on the FAA Nationwide Buy American Waivers Issued listing and products excluded by Federal Acquisition Regulation Subpart 25.108; products of unknown origin must be considered as non-domestic products in their entirety).
c) Cost of non-domestic components and subcomponents, excluding labor costs associated with final assembly and installation at project location.
d) Percentage of non-domestic component and subcomponent cost as compared to total "facility" component and subcomponent costs, excluding labor costs associated with final assembly and installation at project location.

Type 4 Waiver (Unreasonable Costs) - Applying this provision for iron, steel, manufactured goods or construction materials would increase the cost of the overall project by more than 25 percent. The required documentation for this waiver is:

a) A completed Content Percentage Worksheet and Final Assembly Questionnaire from
b) At minimum two comparable equal bids and/or offers;
c) Receipt or record that demonstrates that supplier scouting called for in Executive Order 14005, indicates that no domestic source exists for the project and/or component;
d) Completed waiver applications for each comparable bid and/or offer.

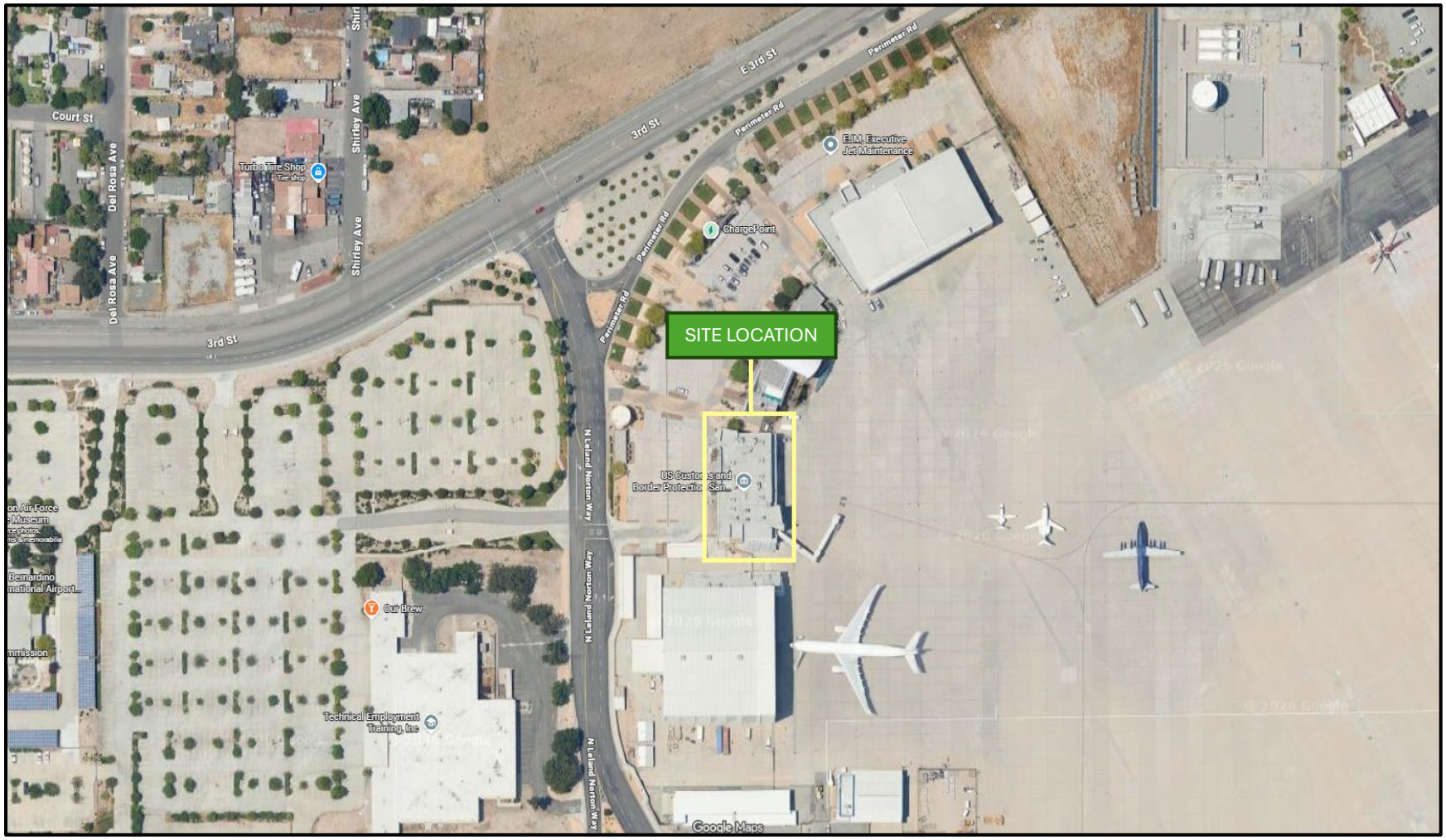
False Statements: Per 49 USC § 47126, this certification concerns a matter within the jurisdiction of the Federal Aviation Administration and the making of a false, fictitious, or

fraudulent certification may render the maker subject to prosecution under Title 18, United States Code.

Date	Signature
Company Name	Title

AERIAL MAP

275 N LELAND NORTON WAY



	TO: San Bernardino International Airport Authority Commission **DATE: May 27, 2026** **ITEM NO: 18** **PRESENTER: Michael Burrows, Chief Executive Officer**

SUBJECT: APPROVE THE FORM OF A LEASE AGREEMENT WITH TOTAL HYDROGEN DEVELOPMENT

SUMMARY

The proposed lease agreement with Total Hydrogen Development (THD) would include approximately two (2) acres of land (87,120 square feet) located on the northeast portion of the general aviation area at the San Bernardino International Airport (SBD). THD is an established energy development and operations firm based in Texas.

RECOMMENDED ACTION(S)

Approve the form of a lease agreement with Total Hydrogen Development; and authorize the Chief Executive Officer to execute all related documents, subject to technical and conforming changes as approved by legal counsel.

FISCAL IMPACT

Increase in estimated revenue of $17,424. The adjusted San Bernardino International Airport (SBIAA) Fiscal Year 2025-26 Budget in the Property Management Department, Budget Class 44 – Land & Non-Terminal Facility Leases and Licenses in the amount of $14,615,452 is projected to increase by $17,424 to $14,632,876. Approval of this lease would provide net monthly revenues of $14,424 ($209,088 annually) to the SBIAA.

PREPARED BY:	Darrell Hale
CERTIFIED AS TO AVAILABILITY OF FUNDS:	Mark Cousineau
APPROVED AS TO FORM AND LEGAL CONTENT:	Scott Huber
FINAL APPROVAL:	MIchael Burrows

BACKGROUND INFORMATION

In recent months, the San Bernardino International Airport Authority (SBIAA) Staff have been exploring potential energy solutions for current and future customers as well as local partner agencies for potential hydrogen energy development, production, distribution and sale of both green and grey hydrogen. In January of 2026, Staff received a proposals from potential hyrogen facility development firms. THD was determined to be the most qualified, and since that time, Staff have been coordinating final terms and conditions for a new lease with THD and have now reached concurrence.

THD is a subsidary of Total Hydrogen Solutions based on Katy, Texas that sspecializes in providing a full spectrum of hydrogen energy services, ensuring unparalleled customer service and comprehensive solutions for every phase of a project. Their expertise spans across various applications, including hydrogen creation and generation plants, hydrogen compression and transfer systems, hydrogen refueling and dispensing systems, and hydrogen fuel cells. With over 60 years in high-pressure systems and a staff of over 40 engineers, electricians, technicians, materials experts, industrial and process designers, they are uniquely positioned to bring core experience and a team of hydrogen experts to create and generate tomorrow's energy capacity right here at SBD.

Principal proposed lease terms and conditions by and between SBIAA and THD are as follows:

- Commencement Date: June 1, 2026
- Premises: approximately 2-acres (87,120 square feet) of land
- Lease Term: Ten (10)-years, with one (10) year option to extend
- Lease Rate: $.20 per square foot per month
- Subject to annual c.p.i. increases after Year 5
- Security Deposit: Equal to two (2) months rent upon execution of Lease
- Monthly lease revenue of $17,424.00 per month ($209,088.00 annually)
- Option Fee: Upon commencment of construction, 50% of Base Rent through an 18-month preliminary term; credited and amortized through Year 5 of the Initial Term
- Rent for the extended option term subject to fair market value adjustments
- THD to maintain all portions of the premises and pay all applicable utility usage charges.
- THD to pay all applicable possessory interest taxes and maintain commercial general liability and hangar keepers insurance coverage naming SBIAA as an additional insured.
- THD to comply with all applicable laws, Airport, FAA, and TSA rules and regulations.

Staff recommends the Commission approve the recommended action as set forth above.

Attachments:

1. Site Map
2. Form of Lease

Site Map

JC's Auto Repair
E 3rd St
3rd St
Flexport LAX1 Fulfillment Center
W St
Victoria Ave
U St
World Wide Wings
SBD General Aviation
752 ft
N
Google Earth

LAND LEASE AGREEMENT

1.0 Preamble. This Land Lease Agreement ("Lease") is made effective _____, 2026 by and between the San Bernardino International Airport Authority, a California Joint Powers Authority ("LESSOR") and Total Hydrogen Development, LLC a Texas Limited Liability Company ("LESSEE") with reference to the following facts and objectives:

2.0 Recitals.

2.1 LESSOR is the owner of certain real property located north of the east end of Taxiway "A", comprised of approximately two (2) acres of land (approximately +/- 87,120 square feet), all of which is more particularly described in Exhibit A attached hereto (the "Premises").

2.2 LESSOR and LESSEE now desire to enter into a lease to enable occupancy of the Premises by LESSEE.

2.3 The Effective Date of this Lease shall be the date first written above in Section 1.0.

NOW THEREFORE the parties agree as follows:

3.0 Lease. LESSOR hereby leases to LESSEE and LESSEE hereby leases from LESSOR the Premises subject to each and all of the terms, covenants and conditions set forth in this Lease.

4.0 Construction.

4.1 At LESSEE's sole cost and expense, construct the improvements described on Exhibit "B" (the "**Premises Improvements**") to the Premises within the first eighteen (18) months after the Effective Date of this Lease. LESSEE shall submit engineer approved drawings and bid specifications to LESSOR for LESSOR approval prior to making any Premises Improvements to the Premises. LESSOR shall respond to any submitted plans and specifications for the Premises Improvements within thirty (30) days after receipt thereof and LESSOR may approve/disapprove plans and bid specifications for the Premises Improvements; provided, however that LESSOR's approval shall not be unreasonably withheld and if LESSOR disapproves the plans and specifications LESSOR shall provide the reason for such disapproval and/or corrections necessary to the plans and specifications. LESSEE shall obtain project entitlements including permitting requirements through local jurisdictions and/or affected regulatory agencies, and the Federal Aviation Administration ("**FAA**"), which are prerequisites for construction improvements on the Premises. LESSOR will act as lead agency for a California Environmental Quality Act review of the Project for entitlements**.** In an effort to expedite improvements to the Premises, LESSOR will endeavor to assist LESSEE with local permitting requirements by facilitating conversations with local utilities and regulatory agencies. Local permitting fees and regulatory agency fees shall be the responsibility of the LESSEE. All improvements to the Premises must be constructed in a quality and workmanship consistent with the approved plans and specifications.

5.0 Use. The authorized uses of the Premises are those set forth below:

5.1 LESSEE is authorized to use the Premises for the development, construction, operation, and maintenance of a hydrogen production facility, including but not limited to: (i) On-site hydrogen generation using green solar thermal and steam methane reforming,

electrolysis, or other approved technologies; (ii) Storage and dispensing of hydrogen fuel for commercial, industrial, or transportation purposes; (iii) Installation and operation of related infrastructure, including compression, purification, and fueling equipment; (iv) Vehicle fueling stations and hydrogen distribution systems; (v) Office, laboratory, and control room facilities necessary for the operation of the hydrogen facility; (vi) Utility upgrades and connections required to support the facility; and (vii) Any other ancillary or support uses reasonably related to hydrogen production, storage, and dispensing, subject to applicable laws and LESSOR's reasonable approval.

5.2 Other uses are subject to consent in writing by LESSOR, which consent shall not be unreasonably withheld.

6.0 Term.

6.1 Preliminary Term. The Preliminary Term of this Lease shall commence on the Effective Date and continue until the first to occur of (i) eighteen (18) months, or (ii) LESSEE has obtained a Temporary Certificate of Occupancy (TCO) for the Premises Improvements. LESSEE shall not be obligated to pay base rent during the Preliminary Term, but all other terms and provisions of this Lease, including without limitation insurances requirements, shall be in effect during the Preliminary Term.

6.2 Initial Term. The Initial Term of this Lease shall commence upon the expiration of the preliminary term (the "**Commencement Date**") and continue for a period of Ten (10) years, provided that if the Commencement Date occurred on day other than the first day of a calendar month, the expiration of the Initial Term shall be on the last day of the calendar month.

6.3 Option to Extend. LESSEE has one (1) ten (10) year option to extend the term of this Lease **(**the **"Extended Term").** LESSEE may exercise such option by delivering written notice thereof to LESSOR at least six (6) months prior to the expiration of the Initial Term this Lease; provided, however, if LESSEE is in default of any of the terms or provisions of this Lease on the date of giving of such notice, or if LESSEE has been in default more than three (3) times during the 24 month period prior to giving such notice, whether or not such default was cured, at the election of LESSOR, such notice shall be deemed ineffective and this Lease shall expire at the end of the then term. Any such extended term of the Lease shall be upon all of the terms and conditions contain herein; provided that any extension option shall not be renewed by the extension of this Lease.

6.4 Definition of Term. As used herein "Term" or "term", shall mean the Preliminary Term, Initial Term, or Extended Term as applicable.

7.0 [INTENTIONALLY OMITTED]

8.0 Rent and Charges.

8.1 Base Rent. Subject to adjustment as provided in Section 8.3 below, on the Commencement Date LESSEE shall pay LESSOR without reduction, abatement, deduction, offset or any prior demand therefore in advance of the first day of each calendar month of the Initial Term hereof, rent in the amount of $17,424 ($.20 per square foot, per month). Base Rent shall be due and payable as of the Commencement Date.

8.1a Option Fee. Upon commencement of construction, LESSEE shall deposit with LESSOR an Option Fee recognizing that LESSEE has affected the Premises from other potential

real property interests inuring to LESSOR. Such Option Fee shall be calculated and remitted based on 50% of the Initial Base Rent, as applied through an eighteen (18) month Preliminary Term. Upon successful completion of the Premises Improvements, such aggregate amount shall be applied as a rent credit, equally amortized on a monthly basis, towards payments of Base Rent through Year 5 of the Lease.

8.2 Rent Year. As used herein, a "**Rent Year**" shall be a twelve (12) month period commencing upon the Commencement Date and each anniversary thereof.

8.3 Rent Adjustment. At the beginning of the fifth (5^{th}) Rent Year and at the beginning of each Rent Year thereafter during the Initial Term, the amount of Base Rent shall be adjusted as follows: The base for computing the adjustment is the Consumer Price Index for Riverside – San Bernardino – Ontario, California All Urban Consumers, All Items, (2017 =100) published by the United States Department of Labor, Bureau of Labor Statistics (the "**Index**") which is published for the month three (3) months prior to the Commencement Date ("**Beginning Index**"). The monthly base rent for each year beginning on an Adjustment Date shall be set by multiplying the applicable monthly base rent set forth in Section 8.1 above by a fraction, the numerator of which is the Index published for the month of three (3) months prior the beginning of the Rent Year of adjustment and the denominator of which is the Beginning Index. LESSOR may round the resulting figure up to the nearest five dollar ($5) increment. In no case shall the monthly Base Rent be less than that established for the preceding year. In no case shall the monthly Base Rent be more than three (3%) above the monthly Base Rent established for the preceding Rent Year. On adjustment of the monthly Rent, LESSOR shall notify LESSEE of the new monthly Rent. LESSOR's failure to promptly notify LESSEE of a change in Rent shall not be considered a waiver of LESSOR's rights to adjust the Rent due, nor shall it effect LESSEE's obligations to pay any increased rent. If the Index is changed so that the base year differs from that used as of the date immediately preceding the Commencement Date the Index shall be converted in accordance with the conversion factor published by the United States Department of Labor, Bureau of Labor Statistics. If the Index is discontinued or revised during the term hereof such other governmental index or computation with which it is replaced shall be used in order to obtain substantially the same result as would be obtained if the Index had not been discontinued.

8.4 Extended Term Rent.

8.4.1 Upon LESSEE's exercise of the option for the first Extended Term, the monthly rent for the first year of the Extended Term shall be adjusted to reflect the then current fair market rental value of the Premises ("**Fair Market Rent**"), as determined by mutual agreement between LESSOR and LESSEE. If the parties cannot agree upon the Fair Market Rent within sixty (60) days after the date of LESSEE's notice exercising the option for the Extended Term, then the parties will attempt to agree upon an independent MAI-certified appraiser jointly selected by the parties to determine Fair Market Rent for the Premises. If the parties are unable to agree upon a single appraiser, then within a thirty (30) day period, then within ten (10) business days after the expiration of the thirty (30) day period, LESSOR and each at its own cost and by giving notice to the other party, shall appoint a MAI appraiser that has the qualifications set forth below.

8.4.2 Any appraiser appointed hereunder shall be a disinterested MAI appraiser with at least five (5) years full-time commercial appraisal experience in the San Bernardino, California, and not have worked with or represented either LESSOR or LESSEE in the previous five (5) years. The appraiser shall consider comparable industrial properties in the Inland Empire region, including those used for energy production or similar industrial uses, and the Fair Market Rent

shall not include the value of the Premises Improvements constructed by LESSEE.

8.4.3 If appraisers are appointed by both LESSEE and LESSOR as stated herein, they shall meet promptly and attempt to set a Fair Market Rent for the Premises for the first year of the Extended Term. If the two (2) appraisers are unable to reasonably agree within thirty (30) days after the second appraiser has been appointed, each such appraiser shall provide a written statement of their determination of the Fair Market Rent, which valuation shall be provided to both LESSEE and LESSOR. The two appraisers shall select a third appraiser meeting the same qualifications within ten (10) business days after the last day the two (2) appraisers are given to set the Fair Market Rent. Such third appraiser shall determine the Fair Market Rent for the Premises within thirty (30) days of its selection by the first two (2) appraisers and provide a written statement of such values to LESSOR and LESSEE. The Fair Market Rent for the Premises shall be the average of the closest two valuations provided by the three appraisers. LESSEE and LESSOR each shall bear one-half (1/2) of the cost of appointing the third appraiser and of paying the third appraiser's fee. The third appraiser, however selected, shall be a person who has not previously acted in any capacity for either LESSEE or LESSOR, or their affiliates.

8.4.4 Commencing on the second Rent Year of the Extended Term, and each subsequent Rent Year during the Term of this Lease the amount of the month base rent shall be adjusted using the procedure in Section 8.3 above, with the Beginning Index being the Index for the month three (3) months prior to the start of the Rent Year of the Extended Term and the monthly base rent used for such calculation being the Fair Market Rent determined above.

8.4 Utilities. LESSEE shall pay all charges for all electricity, gas, water, sewer, trash disposal and other utility services which may be used or consumed on or for the Premises. LESSEE shall have the right at its sole cost and expense to provide additional utility service to the Premises or upgrade existing utilities as may reasonably be required by LESSEE subject to LESSOR's prior written approval of plans and specifications therefore, which approval shall not unreasonably be withheld.

8.5 Late Payments and Charges.

8.5.1 Interest. If LESSEE shall fail to pay, when the same is due and payable, any rent, amounts or charges payable hereunder, such unpaid amount shall bear interest from the due date to the date of payment at the rate of one percent (1%) per month up to the maximum rate allowed by applicable usury law. Notwithstanding the foregoing, interest will not be charged on payments of such rent, amounts or charges received by LESSOR prior to 5:00 p.m. on the 10th day of the month when due.

8.5.2 Late Charge. LESSEE acknowledges that late payment by LESSEE to LESSOR of rent or other charges payable hereunder will cause LESSOR to incur costs not contemplated by this Lease, the exact amount of which are extremely difficult and impracticable to fix. Such costs include, without limitation, processing and accounting charges, late charges which may be imposed on LESSOR and additional property management expenses. Therefore, if any installment of rent or other charges payable hereunder due from LESSEE is not received by LESSOR prior to 5:00 p.m. on the 10th day of the month when due, LESSEE shall pay to LESSOR as a late charge an additional sum of five percent (5%) of the amount of rent which is due but unpaid. The parties agree that this late charge represents a fair and reasonable estimate of the costs that LESSOR will incur by reason of late payment by LESSEE. Acceptance of any late charge shall not constitute a waiver of LESSEE's default with respect to the overdue amount,

or prevent LESSOR from exercising any of the other rights and remedies available to LESSOR.

8.6 Security Deposit. On execution of this Lease, LESSEE shall deposit with LESSOR, or provide a surety bond, certificate of deposit or a letter of credit meeting the reasonable satisfaction of LESSOR, as security for the faithful performance of the terms, covenants and conditions of this Lease, a sum equivalent to two (2)-months base rent or $34,848.00. If LESSEE is in default, LESSOR may use the security deposit provided or any portion of it, to cure the default or to compensate LESSOR for any damages or loss sustained by LESSOR resulting from LESSEE's default. LESSEE shall immediately on demand pay to LESSOR a sum equal to the portion of the security deposit expended or applied by LESSOR as provided in this paragraph so as to maintain the security deposit in the amount required by this section. LESSOR shall return any remaining balance of the security deposit to LESSEE within thirty (30) days following the expiration or earlier termination of this Lease.

9.0 Use Conditions and Reservations.

9.1. Compliance with Rules, Regulations, Ordinance, Codes and Laws. LESSEE shall at LESSEE's sole cost and expense at all times during the term of this Lease or any renewal or extension thereof comply with and observe all rules, regulations, ordinances, codes and laws which have been or may be promulgated by LESSOR or by other jurisdictions that relate to the Premises and the use of the facilities of the Airport including all fire regulations, safety regulations, local noise control regulations, Airport Rules & Regulations, and Airport security regulations. Such rules, regulations, ordinances, codes and laws are hereby made a part of this Lease and LESSEE's failure to keep and observe the rules and regulations shall constitute a breach of the terms of this Lease in like manner as if the same were contained herein as covenants and conditions. LESSOR reserves the right to amend or supplement the rules, regulations, ordinances, codes and laws and to adopt additional rules, regulations, ordinances, codes and laws applicable to the Premises, to LESSEE's use of the Premises, and the use of the facilities of the Airport to comply with FAA requirements and applicable laws or for the orderly and safe operation of the Airport. LESSOR shall have no obligation to LESSEE as a result of the violation of any such rules by any other person. LESSEE shall at all times obey the statutes, codes, ordinances, laws and regulations of the United States of America, the State of California, the County of San Bernardino, the City of San Bernardino, and any other governmental entity having jurisdiction as the same may from time to time be amended during the term of this Lease.

9.1.1 Airport Appropriated by Federal Government. If the Airport or any part thereof is appropriated by the Federal Government in a national emergency and, as a result thereof, LESSEE is prohibited by Federal law, rule or regulation from using or occupying the Premises, and LESSEE for such reason does not use or occupy the Premises and is not otherwise compensated for loss of use caused thereby, then, during the period in which all these conditions exist, LESSEE shall not be entitled to recover from LESSOR. Each and every provision, term and condition of this Lease shall remain in force and effect, unless by reason of the Federal Government's having appropriated the Airport or any part thereof, LESSEE shall be physically or legally prevented from carrying out such provisions, terms and conditions; LESSEE's obligation in this regard shall be suspended only during the period of time LESSEE is prevented from carrying out such obligations by reason of such appropriation by the Federal Government. The term of this Lease shall not be extended because of the occurrence of the above conditions. LESSEE's obligation to pay rent and any other monetary payments to LESSOR shall also be suspended during the period of time LESSEE is prevented from occupying the Premises by reason of such appropriation. In the event LESSEE is prevented from occupying the Premises as a result of such appropriation for a period of more than sixty (60) days, LESSEE shall have the right to terminate this Lease.

9.1.2 Compliance with FAA Requirements. LESSEE shall comply with the following

applicable Federal Aviation Administration requirements attached hereto as Exhibit "C", incorporated herein by reference, and applicable as if set forth in full below:

A. General Civil Rights Provisions.

B. Compliance with Nondiscrimination Requirements.

C. Clauses for Transfer of Real Property Acquired or Improved under the Airport Improvement Program.

D. Clauses for Construction/Use/Access to Real Property Acquired under the Activity, Facility or Program.

E. Title VI List of Pertinent Nondiscrimination Acts and Authorities

9.1.3 Agreement with the United States. This Lease shall be subordinate to the provisions of any existing or future agreement between LESSOR and the United States of America relative to the use, operation or maintenance of the Airport, the execution of which agreement had been or may now or hereafter be required as a condition precedent to the expenditure of Federal Funds for the development of the Airport; provided, that if, in the consequence of the subordination of this Lease to such agreement, LESSEE is required to give up any part or all of these leased premises or to alter, remove and/or relocate any part or all of its improvements, adjustment of rent shall be made by mutual agreement between LESSOR and LESSEE.

9.1.4 Rights to Amend. In the event the Federal Aviation Agency requires modifications or changes in this Lease as a condition precedent to the granting of funds for the improvement of the air terminal or lands and improvement covered by its laws, rules or regulations, LESSEE agrees to consent to such amendments, modifications or requirements of this Lease as may be reasonably required to obtain such funds; provided, however, that in no event will LESSEE be required, pursuant to this paragraph, to agree to an increase in the rent provided for hereunder or to a change in the use (provided it is an authorized use hereunder) to which LESSEE has put the Premises.

9.1.5 Non-Discriminatory Prices. LESSEE shall furnish its accommodations and/or services on a fair, equal and not unjustly discriminatory basis to all users thereof, and it shall charge fair, reasonable and not unjustly discriminatory prices for each unit or service; PROVIDED, that LESSEE may be allowed to make reasonable and nondiscriminatory discounts, rebates or other similar type of price reductions to volume purchasers.

9.1.6 Signage. Tenant may place one (1)-sign at the east and/or west exterior of the Premises, provided the sign is in conformance with the Landlord's standard sign criteria. All cost of design, fabrication, permitting, installation, maintenance, repair and removal shall be at the sole cost of Tenant.

9.2 Compliance with TSA Security Requirements. Tenant shall comply fully with federally-mandated security and access requirements by TSA and/or Department of Homeland Security as may change from time-to-time and the provisions set forth in 49 CFR Part-1542 Airport Security in all pertinent parts as directed either by representatives of the federal government or SBIAA.

9.2.1 Other Use Restrictions. LESSEE shall not commit or suffer to be committed any waste upon the Premises or any public or private nuisance or any other act or thing which may

disturb the quiet enjoyment of any other person or organization at the Airport. LESSEE's method of lighting the Premises and its installation of all exterior light fixtures shall be subject to LESSOR's prior approval, which shall not unreasonably be withheld. LESSEE shall maintain access control to the Premises in conformance with Section 9.2 herein. All motor vehicles parked or operated upon the Premises by LESSEE, its officers, employees, passengers, guests, patrons and invitees shall be parked or operated in accordance with LESSOR's traffic and parking regulations, ordinances and other directives. LESSEE must obtain written approval from the LESSOR prior to erecting any crane, lift, or appertuance within the Premises greater than 25 feet in height. LESSEE shall ensure that all trash, debris, parts, hardware, aircraft equipment, and support equipment are contained within the Premises at all times; only vehicles and equipment equipped with rubberized tracks or rubberized tires shall be permitted for use by LESSEE, its officers, employees, subcontractors, or parties on the Premises; in LESSORS sole and absolute discretion of identification of such items located outside of the Premises, LESSEE shall immediately remove such items from outside of the Premises to the satisfaction of the LESSOR.

9.3 Reservations.

9.3.1 LESSOR reserves the right to install, lay, construct, maintain, repair, and operate such sanitary sewers, drains, storm water sewers, pipelines, manholes, and connections; water, oil and gas pipelines; telephone, telegraph and electric power lines; and the appliances and appurtenances necessary or convenient in connection therewith, in, over, upon, through, across and along any and all portions of the leased premises. No right reserved by LESSOR in this clause shall be so exercised as to interfere unreasonably with LESSEE's operations hereunder or to impair the security of any secured creditor of LESSEE authorized by this Agreement. LESSOR agrees that rights granted to third parties by reason of this clause shall contain provisions that the surface of the Premises shall be restored as nearly as practicable to its original condition upon the completion of any construction. In the event LESSOR or its contractors enter the Premises to exercise rights under this Section, LESSOR shall restore the affected areas to their prior condition and reimburse LESSEE for any direct costs incurred due to such entry, including damage to improvements, loss of use, or relocation expenses. LESSOR shall not undertake any development, construction, or maintenance activities that materially interfere with LESSEE's authorized use of the Premises without first providing written notice and a mitigation plan. If such interference results in a shutdown of LESSEE's operations for more than thirty (30) consecutive days, LESSEE shall be entitled to rent abatement and may terminate the Lease upon thirty (30) days' written notice.

9.3.2 LESSOR reserves the right to further develop or improve the landing area of the Airport as it sees fit, regardless of the desires or view of the LESSEE and without interference or hindrance. LESSOR reserves the right, but shall not be obligated to the LESSEE, to maintain and keep in repair the landing area of the Airport and all publicly owned facilities of the Airport, together with the right to direct and control all activities of the LESSEE in this regard.

9.3.3 This Lease is subordinate to the provisions and requirements of any existing or future Agreement between the LESSOR and the United States, including but not limited to agreements with the Federal Aviation Administration, relative to the development, operation or maintenance of the Airport. LESSEE agrees to conform its use with all applicable Federal Aviation Regulations and further agrees that nothing in this Lease shall be construed to grant or authorize the granting of an exclusive right within the meaning of Section 308A of the Federal Aviation Act of 1958, as amended, (49 U.S.C. 1349a). LESSOR reserves the right to take any action it considers necessary to protect the aerial approaches of the Airport against obstruction, together with the right to prevent LESSEE from erecting, or permitting to erect, any building or other structures on the Airport which, in the opinion of LESSOR, would limit the usefulness of the Airport or constitute a hazard to aircraft.

10.0 Maintenance of Premises.

10.1 As Is. LESSEE agrees to accept the Premises in an "as is" condition. LESSEE acknowledges that it has inspected the Premises as thoroughly as LESSEE desires. LESSEE agrees that LESSOR has made no warranties or representations of any kind respecting the conditions of the Premises or the condition of any improvements or utilities located thereon.

10.2 Maintenance Costs. LESSEE at its sole cost and expense shall at all times maintain the Premises, including grounds, buildings, structures and improvements in a good state of repair and in a safe, clean, neat and sanitary condition. LESSEE hereby waives the provisions of sections 1941 and 1942 of the Civil Code of the State of California and any statutes, laws or ordinances now or hereafter enacted permitting LESSEE to make repairs at the expense of the LESSOR or to terminate the Lease by reason of the condition of the Premises. In the event LESSEE fails to make any repairs required to be made by LESSEE in accordance with the terms of this section, after providing ten (10) days' written notice (unless for emergency) LESSOR shall have the option but not the obligation to make such repairs at the expense of LESSEE. LESSEE shall pay as additional rent due hereunder upon demand all costs of LESSOR for making such repairs. LESSOR shall have no liability to LESSEE for any damage, inconvenience or interference with the use of the Premises by LESSEE as a result of the making of any repairs made by LESSOR under this section and the rent shall not be abated by reason thereof.

11.0 Alterations and Improvements.

11.1 Alterations and Improvements in General. LESSEE shall not install, make, or suffer to be made, any alterations or improvements to the Premises or any part thereof without the prior written consent of LESSOR which shall not unreasonably be withheld. LESSOR's approval of the initial Premises Improvements shall be obtained pursuant to Section 4, provided that all other provisions of this Section shall apply to the construction of the initial Premises Improvements. All work performed by LESSEE shall be performed in accordance with good construction practices, applicable governmental requirements, the requirements of any insurance policy providing coverage to the Premises and the general and special conditions, plans and specifications approved by LESSOR. LESSEE shall comply with all construction and labor regulations of LESSOR and shall provide all bonds and insurance required by LESSOR, including such proof of bonding and insurance coverage as LESSOR may require. All alterations or improvements performed by LESSEE shall be carried out by licensed contractors reasonably approved by LESSOR and shall be carried out in accordance with all applicable laws and regulations. LESSEE shall at LESSEE's sole cost and expense obtain all necessary permits, licenses and authorizations in connection with the construction. LESSEE's work shall be subject to the general inspection of LESSOR. LESSEE shall provide proof satisfactory to LESSOR that LESSEE's contractor will (a) provide warranties for not less than one year against defects in workmanship, materials, and equipment; (b) carry or cause to be carried worker's compensation insurance covering all of the contractor's and its subcontractor's employees; and (c) carry public liability and property damage insurance which names LESSOR as an insured and requires thirty (30) days prior written notice to LESSOR before any change in or cancellation of coverage becomes effective. The policy or policies shall contain liability limits of not less than Five Million Dollars ($5,000,000) single limit coverage. LESSOR shall have the right to post a notice of non-responsibility for liens arising out of any work performed, materials furnished and obligations incurred by LESSEE. LESSEE agrees to advise LESSOR in writing at least ten (10) business days in advance of the date upon which alterations will be commenced in order to permit LESSOR to post such a notice. LESSEE shall keep the Premises free from any and all liens arising out of any work performed, materials furnished or obligations incurred by LESSEE. LESSOR shall cooperate with LESSEE in executing any reasonable documentation required to release or prevent liens arising from LESSEE's work, provided LESSEE has satisfied its payment obligations. LESSEE shall indemnify, defend and hold LESSOR harmless against any

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claim, demand, liability or expense on account of claims for work done or materials supplied for LESSEE or person claiming under it.

12.0 Surrender of Premises.

Upon the expiration or earlier termination of this Lease, LESSEE shall vacate and surrender the Premises as follows:

A. LESSEE shall remove prior to the expiration or termination date of this Lease any or all of its trade fixtures, equipment, machinery, materials or other personal property located on the Premises.

B. Except as otherwise instructed or approved by LESSOR as provided below, LESSEE shall, at LESSEE's expense, remove all improvements constructed on the Premises, including any berms, all underground or below grade structures or excavations, remediate any and all Hazardous Substances or environmental conditions on the Premises, and return the Premises to LESSOR in a flat and level condition.

C. LESSOR may, in LESSOR's discretion, notify LESSEE prior to the expiration or termination of this Lease of any improvements located on the Premises that LESSEE shall leave in place and not remove as provided above. In such instance, LESSEE shall surrender such improvements and alterations to LESSOR in good condition, reasonable use and wear excepted, free from any liens or encumbrances. At the request of LESSOR, LESSEE shall execute a bill of sale transferring such improvements to LESSOR.

The provisions of this Section shall survive the expiration or sooner termination of the term of this Lease.

13.0 Damage, Destruction or Condemnation.

13.1 Damage or Destruction. If the Premises or the Premises Improvements (as used in this section the term Premises shall also include the Premises Improvements as applicable) are damaged or destroyed during the term hereof, LESSOR agrees to consult with LESSEE on the advisability of repairing or rebuilding the Premises. In the event there is destruction or damage to the Premises, LESSEE may either elect to repair or rebuild the Premises or may elect to terminate this Lease by giving notice of such election in writing to LESSOR within sixty (60) days after the occurrence of the event causing the damage. If LESSEE elects to terminate, all insurance proceeds received by either party as a result of such damage shall first be used to restore the Premises to the condition determined pursuant to Section 12.0 above, and the balance of any insurance proceeds applicable to the damage to LESSEE's trade fixtures, equipment, machinery, materials or other personal property located on the Premises shall belong to LESSEE. If LESSEE elects to repair or rebuild, the damage shall be promptly repaired by LESSEE at LESSEE's expense, provided that LESSEE shall apply any insurance proceeds received as a result of such damage to the repair or replacement of the Premises. If damage to the Premises or repair or rebuilding of the Premises after such damage renders the Premises untenantable in whole or in part and the damage is not due to the default or neglect of LESSEE and LESSEE elects to repair such damage pursuant to the provisions of this section, then a proportionate abatement of the rent shall be allowed from the ninetieth (90th) day following the date on which such damage occurs until the date LESSEE completes repairs, but in no event for longer than an aggregate of one hundred eighty (180) days. LESSEE hereby waives any rights it may have under the provisions of California Civil Code section 1932(2) and section 1933(4) or any successor statute thereto regarding repair and termination after destruction of part or all of the Premises.

13.2 Total Taking. If all the Premises are taken or condemned for a public or quasi-public use, this Lease shall terminate as of the date of condemnation and LESSEE shall thereupon be released from any liability thereafter occurring hereunder.

13.3 Partial Taking. If any part of the Premises are taken or condemned for a public or quasi-public use and there is such a major change in the character of the property as to prevent LESSEE from using the Premises in substantially the same manner as theretofore used then in such event LESSEE may terminate this Lease as of the date of condemnation by giving written notice to LESSOR within fifteen (15) days after the date of condemnation. If any part of the Premises are taken or condemned for a public or quasi-public use and LESSEE does not have the power to terminate this Lease as hereinabove set forth, then this Lease shall continue in full force and effect except that as to the part so taken this Lease shall terminate as of the date of condemnation and the monthly rent payable hereunder shall be adjusted so that LESSEE shall be required to pay for the remainder of the term only such portion of such rent as the value of the remaining part after condemnation bears to the value of the Premises at the date of condemnation. Each party hereby waives the provisions of California Code of Civil Procedure section 1265.130 or any similar statute allowing either party to petition the Superior Court to terminate this Lease in the event of a partial taking of the Premises.

14.0 Default.

14.1 Event of Default. Each of the following events shall be an event of default hereunder by LESSEE and a breach of this Lease:

14.1.1 The failure by LESSEE to pay LESSOR any rent or other charges due under this Lease as and when the same become due and payable if such nonpayment continues for a period of three (3) days after written notice thereof by LESSOR to LESSEE; provided that LESSOR shall not be required to give more than two (2) notices of non-payment of Base Rent or other charges in any calendar year period;

14.1.2 The failure by LESSEE to perform or observe any other agreements, terms, covenants or conditions hereof if such nonperformance or nonobservance continues for a period of ten (10) days after written notice thereof by LESSOR to LESSEE or such performance or observance cannot be had within such 10-day period then if LESSEE has not in good faith commenced such performance within such 10-day period and does not diligently proceed therewith to completion;

14.1.3 The filing by or against LESSEE in any court pursuant to any statute of the United States or of any state of a petition in bankruptcy or insolvency or for reorganization or arrangement or for the appointment of a receiver or trustee of all or any portion of LESSEE's property if within thirty (30) days after the commencement of any such proceedings against LESSEE or after such assignment for the benefit of creditors such petition shall not have been dismissed or such assignment shall not have been revoked;

14.1.4 The transfer of LESSEE's interest in this Lease to any person, firm or corporation whether voluntarily or by operation of law except in the manner expressly permitted in this Lease; or

14.1.5 Vacating or abandoning the Premises by LESSEE at any time during the term hereof for a period in excess of fourteen (14) consecutive days.

14.2 LESSOR's Remedies. LESSOR shall have the following remedies in the event of a default by LESSEE hereunder:

A. LESSSOR may elect to terminate this Lease and in such event LESSOR may recover from LESSEE:

(1) the worth at the time of award of any unpaid rent which had been earned at the time of such termination; plus

(2) the worth at the time of award of the amount by which the unpaid rent which would have been earned after termination until the time of award exceeds the amount of such rental loss that LESSEE proves could have been reasonably avoided; plus

(3) the worth at the time of award of the amount by which the unpaid rent for the balance of the Term after the time of award exceeds the amount of such rental loss that LESSEE proves could be reasonably avoided; plus

(4) any other amount necessary to compensate LESSOR for all the detriment proximately caused by LESSEE's failure to perform LESSEE's obligations under this Lease or which in the ordinary course of things would be likely to result therefrom, including all costs of restoring the Premises as required under Section.

B. As used in Section A(1) and (2) above, the "worth at the time of award" is computed by allowing interest at the rate of ten percent (10%) per annum. As used in Section A(3) above, the "worth at the time of award" is computed by discounting such amount at the discount rate of the Federal Reserve Bank of San Francisco at the time of award plus one percent (1%).

C. In the event of a default hereunder by LESSEE, LESSOR has the remedy described in California Civil Code Section 1951.4 (LESSOR may continue this Lease in effect after LESSEE's breach and abandonment and recover rent as it becomes due, if LESSEE has the right to sublet or assign, subject only to reasonable limitations).

All rights, options and remedies of LESSOR contained in this Lease shall be construed and held to be cumulative, and no one of them shall be exclusive of the other, and LESSOR shall have the right to pursue any one or all of such remedies or any other remedy or relief which may be provided by law, whether or not stated in this Lease. No waiver of any default of LESSEE hereunder shall be implied from any acceptance by LESSOR of any rent or other payments due hereunder or any omission by LESSOR to take any such action on account of such default if such default persists or is repeated, and no express waiver shall affect defaults other than as specified in such waiver. The consent or approval of LESSOR to or of any act by LESSEE requiring LESSR's consent or approval shall not be deemed to waive or render unnecessary LESSOR's consent or approval to or of any subsequent similar acts by LESSEE.

14.3 Attorneys' Fees. In the event of any action at law or in equity (or in the event of any arbitration required by the terms of this Lease) between LESSOR and LESSEE arising out of or concerning this Lease or any right or obligation derived therefrom, then in addition to all other relief at law or in equity, the prevailing party shall be entitled to recover from the unsuccessful party all attorneys' fees and costs incurred therein by the prevailing party.

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15.0 Indemnity and Insurance.

1**5.1 Waiver**. This Lease is made upon the express condition that LESSEE hereby waives all claims against LESSOR for damages to property or for injuries or death to any person or persons from any cause except to the extent of the negligence of LESSOR or any of its agents, employees or servants (collectively "**LESSOR Parties**") arising at any time.

A. LESSEE's Indemnification of the LESSOR Parties. To the fullest extent permitted by law, LESSEE shall, at LESSEE's sole expense and with counsel reasonably acceptable to the LESSOR, indemnify, defend, and hold harmless the LESSOR, and all LESSOR's agents, employees, counsel members and representatives (collectively "**LESSOR Parties**") from and against all claims, as defined in Section 15.1C, to the extent arising out of or relating (directly or indirectly), to LESSEE's use or occupancy of the Premises or LESSEE's activities on the Airport, including without limitation:

(1) The use or occupancy, or manner of use or occupancy, of the Airport or the Premises by LESSEE and all LESSEE's agents, employees, and representatives (collectively "**LESSEE Parties**");

(2) Any act, error, omission, or negligence of LESSEE Parties or of any invitee, guest, or licensee of LESSEE Parties in, on, or about the Airport or Premises;

(3) LESSEE Parties conducting of their business;

(4) Any improvement, activities, work, or things done, omitted, permitted, allowed, or suffered by LESSEE Parties in, at, or about the Premises or the Airport, including the violation of or failure to comply with any applicable laws, statutes, ordinances, standards, rules, regulations, order, decrees, or judgments in existence on the Effective Date or enacted, promulgated, or issued after the Effective Date; and

(5) Any breach or default in performance of any obligation on LESSEE's part to be performed under this Lease, including obligations that survive expiration or earlier termination of this Lease under the terms of this Lease.

B. LESSOR Indemnification of the LESSEE Parties. To the fullest extent of the law, LESSOR shall indemnify, defend, and hold harmless LESSEE from claims arising out of LESSOR's gross negligence or willful misconduct of LESSOR or LESSOR Parties.

C. Definition of Claims. For purposes of this Lease, "Claims" means any and all claims, losses, costs, damage, expenses, liabilities, liens, actions, causes of action (whether in tort or contract, at law or in equity, or otherwise), charges, assessments, fines, and penalties of any kind and Environmental Matters, as defined in this Lease (including consultant and expert expenses, court costs, and attorneys fees actually incurred).

D. Type of Injury or Loss. This indemnification extends to and includes Claims for:

(1) Injury to any persons (including death at any time resulting from that injury); and

(2) Loss of, injury or damage to, or destruction of property (including all loss of use resulting from that loss, injury, damage, or destruction), and all economic losses and consequential or resulting damage of any kind.

E. Survival of Indemnification. The indemnification clauses of this Section 15.1 shall survive the expiration or earlier termination of this Lease until all claims against any indemnified parties involving any of the indemnified matters are fully, finally, and absolutely barred by the applicable statutes of limitations.

15.2 Insurance Coverage. During the term of this Lease including any extension or renewal thereof, LESSEE at its cost shall at all times maintain in full force and effect comprehensive public liability insurance and property damage insurance (each more particularly described below) upon the Premises.

15.2.1 General Liability. Comprehensive general liability insurance with a minimum of not less than One Million Dollars ($1,000,000) during the design and permitting phase, and then upon completion of construction, the minimum shall increase to not less than Five Million Dollars ($5,000,000) combined single limit annual aggregate for bodily injury and property damage in connection with the use by LESSEE, sublessees, invitees, agents, suppliers and employees on the Premises.

15.2.2 Fire Insurance. LESSEE shall maintain fire insurance covering the Premises and all improvements, including protection against perils included within the classification standard fire and extended coverage together with insurance against vandalism and malicious mischief; in an amount sufficient to fully cover the replacement cost of all improvements.

15.2.3 Pollution and Remediation Legal Liability. LESSEE shall maintain Pollution and Remediation Coverage with a minimum limit of $2,000,000 that provides liability coverage on the Premises which includes, but is not be limited to:

A. **Coverage A - Pollution Legal Liability.** LESSEE shall carry insurance for loss and related legal expense resulting from any pollution condition on, at, under or migrating from the Premises, which LESSEE has or will become legally obligated to pay as a result of its activities on the Premises during the term of this Lease, and where applicable, the extended reporting period.

B. **Coverage B - Remediation Legal Liability.** LESSEE shall carry insurance for remediation expense and related legal expense resulting from any pollution condition on, at, under or migrating from the Premises as a result of LESSEE activity on the Premises during the term of this Lease, and where applicable, the extended reporting period.

C. **Coverage C - Contingent Transportation Coverage.** LESSEE shall carry insurance for loss, remediation expense and related legal expense resulting from any pollution condition that arises solely during the course of transportation by any carrier, which the LESSEE has or will become legally obligated to pay as a result of a claim during the term of this Lease, and where applicable, the extended reporting period.

15.3 Other Insurance Requirements. All policies shall name LESSOR as an additional insured. Insurance shall be with a company or companies reasonably satisfactory to

LESSOR in the amounts of not less than that specified herein or in minimum amounts as may be subsequently adjusted by LESSOR in the exercise of its reasonable business judgment and consistent with airport industry practice for similar kinds of activities. LESSEE shall at all times during the term of this Lease, including any extension or renewal hereof, provide LESSOR with a certificate from the insurance carrier or carriers insuring LESSOR and LESSEE as set forth herein. Insurance policies shall not be subject to cancellation except after notice to LESSOR by registered mail at least thirty (30) days prior to such cancellation. Where policies have normal expirations during the term of this Lease or any extension thereof written evidence of renewal shall be furnished to LESSOR thirty (30) days prior to such expiration.

15.4 Waiver of Subrogation. The parties release each other and their respective authorized representatives from any claims for damage to any person or to the Premises and to the fixtures, personal property, LESSEE improvements and alterations by LESSOR or LESSEE in or on the Premises that are caused by or result from risks insured against under any insurance policy carried by either party and in force at the time of any such damage to the extent of the insurance proceeds received from such policy. Each party shall cause each insurance policy obtained by it to provide that the insurance company waives all right of recovery by way of subrogation against either party in connection with any damage covered by any policy. If the insurance cannot be obtained or the party in whose favor a waiver of subrogation is desired refuses to pay the additional premium charged the other party is relieved of the obligation to obtain a waiver of subrogation right with respect to the particular insurance involved.

16.0 Hazardous Substances. The provisions of this section 16, which govern LESSEE's obligations with regard to hazardous substances, as defined below, shall survive termination of this Lease.

16.1 Responsibility for and Definition of Hazardous Substances. LESSEE agrees to indemnify, defend, protect and hold LESSOR free and harmless from and against any and all claims, liability, loss, damage, actions or causes of action, costs and expenses (including attorney's fees) arising from or in connection with the presence of any Hazardous Substances in, on or under the Premises except to the extent that LESSEE can demonstrate by clear and convincing proof that such Hazardous Substances were present in, on or under the Premises prior to the commencement date or migrated onto or under the Premises from other land after such date. Furthermore, LESSEE shall, at LESSEE's sole cost and expense, be responsible for the receiving, use, storage, handling, transportation, generation, spillage, migration, discharge, release, and disposition of all Hazardous Substances to the extent any such are used, stored, brought onto, located on or shipped from or within, the Premises in connection with LESSEE's occupancy and use thereof, in accordance with all applicable rules, regulations, orders, ordinances, statutes, codes and laws. For purposes of this Lease, "Hazardous Substances" shall include but not be limited to flammable, combustible, explosive, corrosive, caustic, carcinogenic or radioactive matter, petroleum or petroleum related materials and/or substances defined as "hazardous substances", "hazardous materials", "hazardous waste" or "toxic substances" in any federal, state or local laws or regulations adopted or publications promulgated pursuant to said laws (hereinafter collectively referred to as the "Laws"). LESSEE shall, at LESSEE's sole cost and expense, comply fully with all requirements of the Laws applicable to LESSEE's use of the Premises and obligations contained herein.

16.1.1 On and after the Commencement Date, LESSEE shall not cause or permit any Hazardous Substance to be used, generated, manufactured, produced, stored, brought upon, or released on, in, under or about the Premises, or transported to or from the Premises, by LESSEE, its agents, employees, contractors, invitees, guests or vendors in violation of any Environmental Laws.

16.1.2 Without limiting the foregoing, if the activities of LESSEE, its officers, agents, employees, contractors, guests, vendors or invitees on the Premises, the Common Areas, the Airfield Area or the Airport Roadway Area result in an unauthorized release of any Hazardous Substance, LESSEE shall at its sole cost and expense promptly take all actions necessary to fully remediate and remedy the condition caused by such release of a Hazardous Substance in compliance with all Environmental Laws.

16.1.3 LESSEE shall immediately notify the LESSOR of the occurrence of any of the following events and provide the LESSOR with a copy of all relevant documents in the custody or control of LESSEE: (i) receipt by LESSEE of any correspondence from any governmental entity regarding compliance by LESSEE with any matter set forth in this Lease; (ii) discovery or actual knowledge of LESSEE of any matter or condition of the Premises, the Airfield Area or the Airport Roadway Area that may give rise to a claim or accrual of action against the Air Force under Section 330(d) of the National Defense Authorization Act of 1993, as amended; (iii) receipt by LESSEE of any correspondence or communication from any governmental entity regarding the application of Environmental Laws from and after the Commencement Date to the Premises or the investigation or enforcement of any such Environmental Laws in connection with the occupancy or use of the Premises by LESSEE; and (iv) discovery or actual knowledge of LESSEE of any unauthorized release of any Hazardous Substance on, in, under or around the Premises, Common Areas, the Airfield Area or the Airport Roadway Area occurring at any time during the Term of this Lease.

16.1.4 If pretreatment is required for any industrial wastes placed by LESSEE in the City of San Bernardino sewage treatment system under any applicable National Pollutant Discharge Elimination System ("NPDES") permits, Environmental Protection Agency ("EPA") regulations, or the LESSOR's contracts for waste water treatment, LESSEE shall pre-treat such wastes as required.

16.1.5 LESSEE shall be solely responsible for obtaining and maintaining, at its sole cost and expense, any environmental permits required for its operations under this Lease, independent of any existing Airport permits, including any permits required by the SCAQMD to comply with NPDES, or required by the EPA, the City of San Bernardino or Tenant or the State of California and all agencies thereof. LESSEE shall provide copies of all such permits to the LESSOR together with all renewals or extensions thereof. LESSEE shall immediately notify the LESSOR of any notice of violation, potential violation, modification, revocation, threatened revocation, suspension, threatened suspension, or other adverse action with respect to any of its permits and provide the LESSOR with copies of all requested documents related thereto.

16.1.6 LESSOR and its agents and representatives shall have the right at any reasonable time to enter and visit the Premises for the purposes of observing the Premises, taking and removing soil or groundwater samples, and conducting tests on any part of the Premises. LESSOR is under no duty, however, to visit or observe the Premises or to conduct tests. No site visit, observation or testing by LESSOR shall result in a waiver of any default of LESSEE or impose any liability on LESSOR. In no event shall any site visit, observation or testing by LESSOR be a representation that Hazardous Substances are or are not present in, on or under the Premises, or that there has been compliance with any law, regulation or ordinance pertaining to Hazardous Substances or any other applicable governmental law. Neither LESSEE nor any other

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party is entitled to rely on any site visit, observation or testing by LESSOR. LESSOR shall be obligated to disclose to LESSEE or any other party any report or finding made as a result of, or in connection with, any site visit, observation or testing by LESSOR. In each instance, LESSOR shall give LESSEE reasonable notice before entering the Premises or any other place LESSOR is permitted to enter under this section. LESSOR shall make reasonable efforts to avoid interfering with LESSEE's use of the Premises or any other property in exercising any right provided in this section. LESSOR shall provide LESSEE with copies of any test results or reports within ten (10) business days of receipt or completion thereof.

16.1.7 LESSEE shall maintain compliance with the LESSOR's Storm Water Pollution Prevention Plan (SWPPP), as may be amended from time to time, at the sole discretion of the LESSOR. LESSEE shall disallow its officers, employees, contractors, and sub-contractors to cause substances other than those approved by the LESSOR's SWPPP from entering into the Airport storm drain system. LESSEE's aircraft shall be washed in designated areas only – unless LESSEE obtains prior written approval from the LESSOR for alternative methods of containing and eliminating potential storm water contaminants.

16.1.8 Notwithstanding the foregoing or any other provisions in this Lease to the contrary, LESSEE and any other occupants or users of the Premises shall be entitled to store on the Premises, and use in connection with operations at the Premises, such hazardous materials as may reasonably be required in connection with their permitted operations thereon, including, without limitation, petroleum products (such as fuel, kerosene and oil), solvents used for cleaning of aircraft and vehicles and other chemicals normally located in air passenger and cargo facilities and other industrial or commercial places of business; provided, however, that in all cases such hazardous materials must be stored and used in compliance with applicable Environmental Laws.

16.2 Compliance with the Environmental Conditions Covenants of the Quitclaim Deed. Any use, occupancy or activity of LESSEE on the Premises resulting in the receipt by the LESSOR of a notice of default from the Air Force under the Quitclaim Deed relating to the environmental condition of the Premises shall be deemed to be a material default of LESSEE under this Lease, subject to any applicable notice and cure period provided in this Lease. The response of the LESSOR, following receipt by the LESSOR of any such notice of default or breach from the Air Force, shall not waive, stay or otherwise mitigate or remedy the material default of LESSEE under this Lease. LESSEE shall have no right under this Lease to participate in any proceeding between the Air Force and the LESSOR for the resolution of an alleged default, breach or other dispute among the Air Force, the LESSOR, the EPA or the State Department of Toxic Substance Control arising under (or in any way related to) the Quitclaim Deed.

16.3 Emergency Response. In conformity with the Quitclaim Deed and all applicable regulations, LESSEE shall have a complete "Hazardous Materials and Spilled Fuel Containment Plan" subject to approval by the LESSOR and all applicable government agencies prior to commencement of operations on the Premises. Such plan shall be independent of the Airport and, except for initial fire response and/or spill containment, shall not rely on the use of Airport personnel or equipment. Should the LESSOR provide any personnel or equipment at the request of LESSEE, or in the event of an emergency threatening the safety of individuals, whether for

initial fire response and/or spill containment, LESSEE agrees to reimburse the LESSOR for its actual costs of such response.

16.4 Inspection. The LESSOR's rights under this Lease specifically include the right for the LESSOR and federal officials, pursuant to the Quitclaim Deed, or any other provision of law, to inspect the Premises for compliance with Environmental Laws, occupational health and safety laws and regulations, whether or not the LESSOR is responsible for enforcing them. Such inspections are without prejudice to the right of duly constituted enforcement officials to, make such inspections and are in addition to those authorized by any other provision of this Lease. Except when necessary for the immediate preservation of health, safety and welfare, or as otherwise provided in this Lease, such inspections will occur during normal business hours upon reasonable prior written notice to LESSEE, and the LESSOR shall conduct such inspections so as to reasonably minimize disruption to LESSEE operations on the Premises.

16.4.1 The LESSOR and its agents shall have the right (but not the obligation) upon thirty (30) calendar days' prior notice to LESSEE and without waiver of any right to seek contribution or exercise any other right or remedy against LESSEE under this Lease, to enter the Premises to conduct and perform such remedial activity on the Premises as may be required under any applicable Environmental Law.

16.5 Business Response Plan. LESSEE must prepare and maintain to the satisfaction of the San Bernardino County Fire Marshall a "Business Response Plan" in accordance with Section 25500 et seq. of the Health and Safety Code. Said plan must be kept current and on file in the Airport, and San Bernardino County Fire Marshall's office. LESSEE shall coordinate its Hazardous Materials and Spilled Fuel Containment Plan with the San Bernardino County Fire Department and LESSOR prior to commencement of operations.

17.0 Assignment and Subletting.

17.1 Sublease. LESSEE shall not, either voluntarily or by operation of law, assign, sublet, sell, encumber, hypothecate, pledge, or otherwise transfer all or any part of this Lease or LESSEE's leasehold estate hereunder.

17.2 Change of Ownership. LESSEE represents that it is a limited liability company organized and existing under and by virtue of the laws of the State of California and that its majority members are _____. It is a condition of this Lease that the majority ownership interest with voting privileges shall not be transferred by said principal members without the consent of LESSOR in writing first had and obtained, which consent shall not be unreasonably withheld. In the event of any such transfer or change of ownership without such consent of LESSOR, LESSOR at its option may terminate this Lease. Notwithstanding any other provision of this Lease, said majority owners may transfer all or any portion of their ownership interest in LESSEE to any revocable trust created for the benefit of that member that members' spouse or that members' issue.

18.0 Miscellaneous. All notices required to be given to either party under this Lease shall be in writing and shall be personally delivered, sent by nationally recognized overnight carrier (for next day or next business day delivery) or sent by United States Postal Service

certified mail, return receipt requested, addressed to the LESSOR or LESSEE at the addresses provided below:

Addresses:

LESSOR: San Bernardino International Airport Authority
1601 East Third Street, Suite 100
San Bernardino, CA 92408
Attention: Chief Executive Officer

LESSEE: Total Hydrogen Solutions

Attention: Mark Mire_____

B. Either party may designate in writing, delivered pursuant to Section 18.1., a different address or persons for delivery of notices under this Lease. The effective date of service of any notice shall be the date such notice is mailed to LESSEE or the Executive Director, if by certified mail or overnight courier, or the date received if by personal delivery.

C. Any correctly addressed notice that is refused, unclaimed, or undeliverable because of an act or omission of the party to be notified shall be considered to be effective as of the first date that the notice was refused, unclaimed, or considered undeliverable by the postal authorities, messenger, or overnight delivery service.

18.2 Possessory Interest Tax. In the event a possessory interest tax is levied by the appropriate taxing authority of the County of San Bernardino or the State of California, it is understood that LESSEE shall be solely responsible for the payment of such tax. LESSEE shall also pay all taxes, assessments, fees, and charges on all merchandise, fixtures, and equipment owned or used thereon.

18.3 Non-Discrimination. The Standard Nondiscrimination and Airport Development Provisions For Leases attached hereto as Exhibit "C" are incorporated herein by this reference. LESSEE's failure to abide by the requirements set forth therein shall constitute a breach of the terms of this Lease in like manner as if the same were contained herein as covenants and conditions. LESSOR shall cooperate with LESSEE in contesting any possessory interest tax assessments that LESSEE reasonably believes to be erroneous or excessive.

18.4 Time. Time is of the essence of this Lease and of each and every one of the provisions herein contained.

18.5 Entire Agreement. This Lease sets forth all the covenants, agreements and conditions between LESSOR and LESSEE concerning the Premises and there are no other covenants, promises, agreements, conditions or understandings either oral or written between them. No subsequent alteration, amendment, change or addition to the Lease shall be binding upon LESSOR or LESSEE unless reduced to writing and signed by each of them.

18.6 Captions. The headings and titles to the paragraphs of this Lease are not part of this Lease and shall have no effect on the construction or interpretation of any part of this Lease.

18.7 Applicable Law and Venue. The laws of the State of California shall govern the

validity, performance and enforcement of this Lease. Venue for any action brought relating to this Agreement shall be held exclusively in San Bernardino County Superior Court or the United States District Court, Central District of California.

18.8 Partial Invalidity. If any term, covenant or condition of this Lease or the application thereof to any person or circumstances shall to any extent be invalid or unenforceable, the remainder of this Lease shall not be affected thereby and each term, covenant and condition shall be valid and enforced to the fullest extent permitted by law.

18.9 Tense, Number and Gender. Each number, tense and gender used in this Lease shall include any other tense, number or gender where the context and the parties hereto or the context and references therein shall require.

18.10 Negotiated Agreement. It is acknowledged, agreed and understood by the parties that this Lease and its wording have been arrived at through a process of negotiation between the parties in which each party participated to the fullest extent desired by that party and that neither party is to be deemed the party who prepared this Lease or the party who caused any uncertainty to exist within the meaning of California Civil Code Section 1654.

IN WITNESS WHEREOF, the parties hereto have executed this Lease on the dates below indicated.

{Signature Page to Follow}

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LESSOR:
San Bernardino International Airport Authority

Dated: _____ By:_____
Michael Burrows, Chief Executive Officer

ATTEST:

_____
Jillian Ubaldo
Assistant Secretary of the Commission

Approved as to form and legal content:

_____
Legal Counsel

LESSEE:

Total Hydrogen Solutions, a California Limited Liability Company

Dated: _____ By: _____
Mark Mire, Owner

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EXHIBIT "A"
DESCRIPTION OF PREMISES

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EXHIBIT "B"
DESCRIPTION OF PREMISES IMPROVEMENTS

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EXHIBIT "C"

FAA Contract Provisions for Leases, License Agreements and Permits

1. DEFINITION: As herein the term "Contractor" shall also mean LESEEE and consultants of LESSEE as applicable.

2. GENERAL CIVIL RIGHTS PROVISIONS

A. In all its activities within the scope of its airport program, the Contractor agrees to comply with pertinent statutes, Executive Orders, and such rules as identified in Title VI List of Pertinent Nondiscrimination Acts and Authorities to ensure that no person shall, on the grounds of race, color, national origin (including limited English proficiency), creed, sex (including sexual orientation and gender identity), age, or disability be excluded from participating in any activity conducted with or benefiting from Federal assistance. This provision is in addition to that required by Title VI of the Civil Rights Act of 1964.

B. The above provision binds the Contractor and subcontractors from the bid solicitation period through the completion of the contract.

C. If the Contractor transfers its obligation to another, the transferee is obligated in the same manner as the Contractor.

D. The above provision obligates the Contractor for the period during which the property is owned, used or possessed by the Contractor and the airport remains obligated to the Federal Aviation Administration.

3. COMPLIANCE WITH NONDISCRIMINATION REQUIREMENTS

During the performance of this contract, the Contractor, for itself, its assignees, and successors in interest agrees as follows:

A. **Compliance with Regulations:** The Contractor (hereinafter includes consultants) will comply with the Title VI List of Pertinent Nondiscrimination Acts and Authorities, as they may be amended from time to time, which are herein incorporated by reference and made a part of this contract.

B. **Nondiscrimination:** The Contractor, with regard to the work performed by it during the contract, will not discriminate on the grounds of race, color, national origin (including limited English proficiency), creed, sex (including sexual orientation and gender identity), age, or disability in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The Contractor will not participate directly or indirectly in the discrimination prohibited by the

Nondiscrimination Acts and Authorities, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR part 21.

C. **Solicitations for Subcontracts, including Procurements of Materials and Equipment:** In all solicitations, either by competitive bidding or negotiation made by the Contractor for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier will be notified by the Contractor of the contractor's obligations under this contract and the Nondiscrimination Acts and Authorities on the grounds of race, color, or national origin.

D. **Information and Reports:** The Contractor will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Sponsor or the Federal Aviation Administration to be pertinent to ascertain compliance with such Nondiscrimination Acts and Authorities and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish the information, the Contractor will so certify to the Sponsor or the Federal Aviation Administration, as appropriate, and will set forth what efforts it has made to obtain the information.

E. **Sanctions for Noncompliance:** In the event of a Contractor's noncompliance with the non-discrimination provisions of this contract, the Sponsor will impose such contract sanctions as it or the Federal Aviation Administration may determine to be appropriate, including, but not limited to:

1. Withholding payments to the Contractor under the contract until the Contractor complies; and/or
2. Cancelling, terminating, or suspending a contract, in whole or in part.

F. **Incorporation of Provisions:** The Contractor will include the provisions of paragraphs one through six in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations, and directives issued pursuant thereto. The Contractor will take action with respect to any subcontract or procurement as the Sponsor or the Federal Aviation Administration may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the Contractor becomes involved in, or is threatened with litigation by a subcontractor, or supplier because of such direction, the Contractor may request the Sponsor to enter into any litigation to protect the interests of the Sponsor. In addition, the Contractor may request the United States to enter into the litigation to protect the interests of the United States.

4. CLAUSES FOR TRANSFER OF REAL PROPERTY ACQUIRED OR IMPROVEDUNDER THE AIRPORT IMPROVEMENT PROGRAM

A. The (grantee, lessee, permittee, etc. as appropriate) for himself/herself, his/her heirs, personal representatives, successors in interest, and assigns, as a part of the consideration hereof, does hereby covenant and agree [in the case of deeds and leases add "as a covenant running with the land"] that:

1. In the event facilities are constructed, maintained, or otherwise operated on the property described in this (license, lease, permit, etc.) for a purpose for which a Federal Aviation Administration activity, facility, or program is extended or for another purpose involving the provision of similar services or benefits, the (grantee, licensee, lessee, permittee, etc.) will maintain and operate such facilities and services in compliance with all requirements imposed by the Nondiscrimination Acts and Regulations listed in the Title VI List of Pertinent Nondiscrimination Acts and Authorities (as may be amended) such that no person on the grounds of race, color, or national origin, will be excluded from participation in, denied the benefits of, or be otherwise subjected to discrimination in the use of said facilities.

B. With respect to licenses, leases, permits, etc., in the event of breach of any of the above Nondiscrimination covenants, the SBIAA will have the right to terminate the (lease, license, permit, etc.) and to enter, re-enter, and repossess said lands and facilities thereon, and hold the same as if the (lease, license, permit, etc.) had never been made or issued.

5. CLAUSES FOR CONSTRUCTION/USE/ACCESS TO REAL PROPERTY ACQUIRED UNDER THE ACTIVITY, FACILITY OR PROGRAM

The following clauses will be included in deeds, licenses, permits, or similar instruments/agreements entered into by the SBIAA pursuant to the provisions of the Airport Improvement Program grant assurances.

A. The (grantee, licensee, permittee, etc., as appropriate) for himself/herself, his/her heirs, personal representatives, successors in interest, and assigns, as a part of the consideration hereof, does hereby covenant and agree as a covenant running with the land" that (1) no person on the ground of race, color, or national origin, will be excluded from participation in, denied the benefits of, or be otherwise subjected to discrimination in the use of said facilities, (2) that in the construction of any improvements on, over, or under such land, and the furnishing of services thereon, no person on the ground of race, color, or national origin, will be excluded from participation in, denied the benefits of, or otherwise be subjected to discrimination, (3) that the (grantee, licensee, lessee, permittee, etc.) will use the premises in compliance with all other requirements imposed by or pursuant to the Title VI List of Pertinent Nondiscrimination Acts and Authorities.

B. With respect to (licenses, leases, permits, etc.), in the event of breach of any of the above Non-discrimination covenants, the SBIAA will have the right to terminate the (license, permit, etc., as appropriate) and to enter or re-enter and repossess said land and the facilities thereon, and hold the same as if said (license, permit, etc., as appropriate) had never been made or issued.

6. TITLE VI LIST OF PERTINENT NONDISCRIMINATION ACTS AND AUTHORITIES

During the performance of this contract, the Contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "Contractor") agrees to comply with the following non- discrimination statutes and authorities; including but not limited to:

- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d *et seq*., 78 stat. 252) (prohibits discrimination on the basis of race, color, national origin);
- 49 CFR Part 21 (Non-discrimination in Federally-Assisted programs of the Department of Transportation—Effectuation of Title VI of the Civil Rights Act of 1964) including amendments thereto;
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601) (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. § 794 *et seq*.), as amended (prohibits discrimination on the basis of disability); and 49 CFR part 27 (Nondiscrimination on the Basis of Disability in Programs or Activities Receiving Federal Financial Assistance);
- The Age Discrimination Act of 1975, as amended (42 .U.S.C. § 6101 *et seq*.) (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982 (49 U.S.C. § 47123), as amended (prohibits discrimination based on race, creed, color, national origin, or sex);
- The Civil Rights Restoration Act of 1987 (P.L. 100-259) (broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, the Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act of 1990 (42 U.S.C. § 12101, et seq) (prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities) as implemented by U.S. Department of Transportation regulations at 49 CFR Parts 37 and 38;
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. § 1681, et seq).

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EXHIBIT "D"

AIRPORT RULES & REGULATIONS

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EXHIBIT "E"

DEED REQUIREMENTS

The following disclosures, notices and provisions are made by LESSOR to LESSEE and are hereby incorporated into the Lease with the same effect as if fully stated therein:

1. **NOTICE OF HAZARDOUS SUBSTANCES GIVEN UNDER CERCLA SECTION 120 (h)(3)**

Pursuant to CERCLA Section 120 (h)(3), the applicable provisions of the Quitclaim Deed and all of the various studies and reports prepared by the Air Force, as referenced therein, the Air Force has given notice informing all interested persons of certain information relating to the presence of certain hazardous substances or toxic or contaminating materials that may affect or concern the Airport and the Premises. The CERCLA notice of the Air Force, as set forth in the Quitclaim Deed, also includes a description of remedial action taken by the Air Force that affects or concerns the Airport and the Premises prior to the date of this Lease, and the existence and effect of the remedial environmental action covenant of the Air Force concerning the Airport and the Premises.

2. **AIR FORCE INDEMNITY – INSPECTION RIGHTS**

A. The Air Force may be obligated, pursuant to Section 330 of the National Defense Authorization Act of 1993, as amended, to indemnify the LESSOR, or LESSEE from and against certain suits, claims, demands or actions, liability, judgment, cost or fees arising out of any claim for personal injury or property damage resulting from the unauthorized release or threatened release of any Hazardous Substance, pollutant or contaminant, or petroleum or petroleum derivative on, in, under or around the Premises. In addition, except to the extent set forth in the Quitclaim Deed with respect to LBP and ACM, the Air Force may be liable pursuant to Section 120(h) of CERCLA, for certain remedial actions found to be necessary on the Premises on or after the Commencement Date.

B. In the event that any governmental agency having jurisdiction over the Premises requires LESSEE, as a successor in possessory interest of the Air Force or the LESSOR in the Premises, to take any removal or remedial action with regard to any Hazardous Substance, pollutant or contaminant, or petroleum or petroleum derivative on, in, under or around the Premises for which the Air Force may be responsible under Section 120 (h) of CERCLA, or in the event of any dispute over the nature or scope of the obligations of the Air Force to indemnify LESSEE under Section 330 of the National Defense Authorization Act, or to remediate any Hazardous Substance, pollutant or contaminant, or petroleum or petroleum derivative under Section 120(h) of CERCLA, the LESSOR agrees to cooperate fully with LESSEE in tendering such a claim of indemnity to the Air Force. The LESSOR shall do so without assuming any

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liability, or obligation for such action, and shall sign any documents reasonably requested by any governmental agency or by LESSEE, provide any information or reasonable access to information in its possession or control and reasonably required in connection with such action. Notwithstanding anything in this Section to the contrary, no provision of this Section shall relieve LESSEE from its responsibility to comply with all Environmental Laws applicable to the activities of LESSEE on the Premises, nor excuse any performance otherwise required of LESSEE under this Lease, nor result in any abatement of Rent, during any period that the Premises are rendered unusable.

C. The LESSOR and the Air Force and/or their consultants, contractors and subcontractors shall have the right to enter upon the Premises and conduct investigations and surveys, to include drillings, compiling, etc., as required under the Lessee Air Force Base Installation Restoration Program, the FFA (as defined in Section 8.11A) or the Quitclaim Deed. These inspections or surveys will be coordinated with a representative designated by LESSEE and will occur on reasonable prior notice. Inspections will be conducted with a representative of LESSEE, and in such manner so as to reasonably minimize any disruption to the operations of LESSEE on the Premises.

3. **PREMISES, A NATIONAL PRIORITY LIST SITE**

LESSEE acknowledges that the Airport is identified as a National Priority List (NPL) Site under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) of 1980, as amended. LESSEE acknowledges that the LESSOR provided it with access to the Lessee Air Force Base Federal Facility Agreement Under CERCLA Section 120 (the "FFA") entered into by EPA Region 9, the State of California, and the United States Air Force on June 29, 1989, and agrees that should any conflict arise between the terms of the FFA and the provisions of this Lease, the terms of the FFA will prevail. LESSEE further agrees that the LESSOR assumes no liability to LESSEE should implementation of either the FFA or any provisions of the Quitclaim Deed interfere with LESSEE's use of the Premises. LESSEE shall not have any claim on account of any such interference against the LESSOR or any elected official, officer, agent, employee, attorney, consultant or contractor of the LESSOR. However, if the business operations of LESSEE on the Premises are substantially disrupted for a period of thirty (30) calendar days or more by activities in implementation of the provisions of the FFA or the Quitclaim Deed, then LESSEE may terminate this Lease, upon thirty (30) calendar days prior written notice to the LESSOR.

6. **HAZARDOUS WASTE LINE (N/A)**

The LESSOR and LESSEE further acknowledge that the United States government may be obligated, pursuant to Section 330 of the National Defense Authorization Act of 1993 (as amended), to indemnify the LESSOR and its tenants from and against any suits, claims, demands or actions, liabilities, judgments, costs or other fees arising out of any claim for personal injury or property damage resulting from the release or threatened release of any hazardous substance, pollutant or contaminant, or petroleum or petroleum derivative affecting the Premises. In addition, the LESSOR and LESSEE acknowledge that the United States government may be liable, pursuant to Section 120(h) of CERCLA, for any remedial action found to be necessary on

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the Premises associated with any release or threatened release of hazardous substances affecting the Premises that may have occurred prior to the date of the Quitclaim Deed.

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	TO: San Bernardino International Airport Authority Commission **DATE: May 27, 2026** **ITEM NO: 19** **PRESENTER: Mark Gibbs, Director of Aviation**

SUBJECT: CONSIDER AND DISCUSS THE SBD GOOD NEIGHBOR PROGRAM FIRST QUARTER 2026 REPORT

SUMMARY

The San Bernardino International Airport (SBD) continues to be a leading economic contributor to the region it serves, with jobs and aircraft activity increasing steadily in recent years. Commercial passenger service, air cargo operations, and supporting airport facilities will continue to bring career opportunities, travelers, goods, and prosperity to the region, but may also lead to questions and concerns from those whom live and work nearby. The SBD Good Neighbor Program is designed to help the Airport educate, listen to, and learn from the community it serves.

The SBD Good Neighbor Program is designed to inform residents and business owners about what to expect from operational changes at the Airport, and how developments will benefit the community, while providing a two-way communication channel that facilitates information sharing with community members. By committing to ongoing dialogue, sharing up-to-date information, and increasing opportunities for well-paying jobs, this program will ensure the Airport remains a good neighbor now and into the future.

RECOMMENDED ACTION(S)

Consider and discuss the SBD Good Neighbor Program quarterly report.

FISCAL IMPACT

None.

PREPARED BY:	Mark Gibbs
CERTIFIED AS TO AVAILABILITY OF FUNDS:	N/A
APPROVED AS TO FORM AND LEGAL CONTENT:	Scott Huber
FINAL APPROVAL:	Michael Burrows

BACKGROUND INFORMATION

In recent years, aircraft activity at SBD has continued to evolve and grow across aviation segments. Balancing future growth with long-term community expectations requires careful planning and transparent delivery of consistent two-way communications in support of aircraft noise management programs and community initiatives. Effective communications are designed to minimize unanticipated impacts that may constrain future airport capacity and development needs.

Through technical tools and specialized services supporting the SBD Good Neighbor Program, each quarter a report will be shared with the San Bernardino International Airport Authority (SBIAA) Commission, the Federal Aviation Administration (FAA), and the community. The report will review ongoing outreach initiatives, aircraft activity, and a summary of aircraft noise concerns by the numbers. Since Fall 2019, Staff has worked with industry partners to develop a responsive and informative program that includes Aviatrix Communications, LLC, a firm specializing in aircraft noise management programs and community outreach initiatives. The firm's principal partners have led aircraft noise management efforts and community outreach initiatives at noise-impacted airports around the country, including San Diego and San Jose, among others.

An oral report and presentation will be provided at the meeting.

For informational and discussion purposes.

Attachments:

1. SBD Good Neighbor Program 2026 Q1 Report

San Bernardino International Airport

Quarterly Report: May 2026

SBD good neighbor program

Program Components

By committing to ongoing dialogue, sharing up-to-date information, and increasing channels to receive feedback, the program ensures San Bernardino International Airport remains a good neighbor.

COMMUNITY OUTREACH

Presentations, reports to jurisdictions, communications efforts

EDUCATION

Website to provide information, explanatory videos

COMMUNICATIONS

Reports to the Board, e-newsletter, social media

GAIN FEEDBACK & LISTEN

Noise comment and general feedback forms

PHONE

Dedicated noise hotline

EMAIL

sbdgoodneighbor.com/contact-us/

San Bernardino International Airport

Good Neighbor Program

San Bernardino International Airport launched the SBD Good Neighbor Program in July 2020.

This proactive effort allows the airport to inform the community about new and ongoing developments at the airport.

A program update follows.

COMMUNITY OUTREACH

RECEIVE FEEDBACK

EDUCATE THE REGION

PROVIDE CONSISTENT REPORTING

San Bernardino International Airport Good Neighbor Program

Notable developments for 1Q26:

- Federal partner support and engagement included:
  - Education about the new fee-based TSA ConfirmID
  - FAA Safety Team pilot forums focused on flight safety and operating procedures between SBD and Redlands Municipal Airport (REI)

- Community engagement and education included:
  - On-airport tours for students of:
    - AB Miller High School Aviation Program
    - San Bernardino Valley College Aeronautical Program
  - Highlighting career possibilities at SBD during National Engineers Week
  - Sponsoring and speaking at the 2026 Southern California E-Commerce & Logistics Summit
  - Focusing on Norton Air Force Base Museum and SBD history

Social Media - Strategy

- Facebook, Instagram, X, LinkedIn, & YouTube
- Increase followers and engagement by:

  - Emphasizing Good Neighbor Program
  - Generating original, dynamic content
  - Encouraging comments & sign-ups
  - Tagging partners
  - Posting weekly

  - Boosting posts

Disclaimer: SBD Good Neighbor Program

SBD Good Neighbor Program Noise Report presents noise monitoring information managed by the SBD Good Neighbor Program. SBD International Airport has no authority over the movement of aircraft or the direction of flight. The authority to regulate flight patterns of aircraft is vested exclusively in the Federal Aviation Administration (FAA). FAA air traffic controllers have the responsibility for directing aircraft on the ground and in flight, and the pilot in command has the final authority as to the safe flight of their aircraft. Pilots in command make the final decisions relative to runway use; therefore, pilots may request to use any available runway. Neither the airport nor the FAA air traffic controllers may restrict a pilot's access to an available runway.

Introduction

Quarterly Report - May 2026

TOTALS & TRENDS

COMMENTS YEAR-TO-DATE

COMMENT BREAKDOWN

COMMENT MAP

January 2026

A first look at the first month of the quarter.

13 noise comments

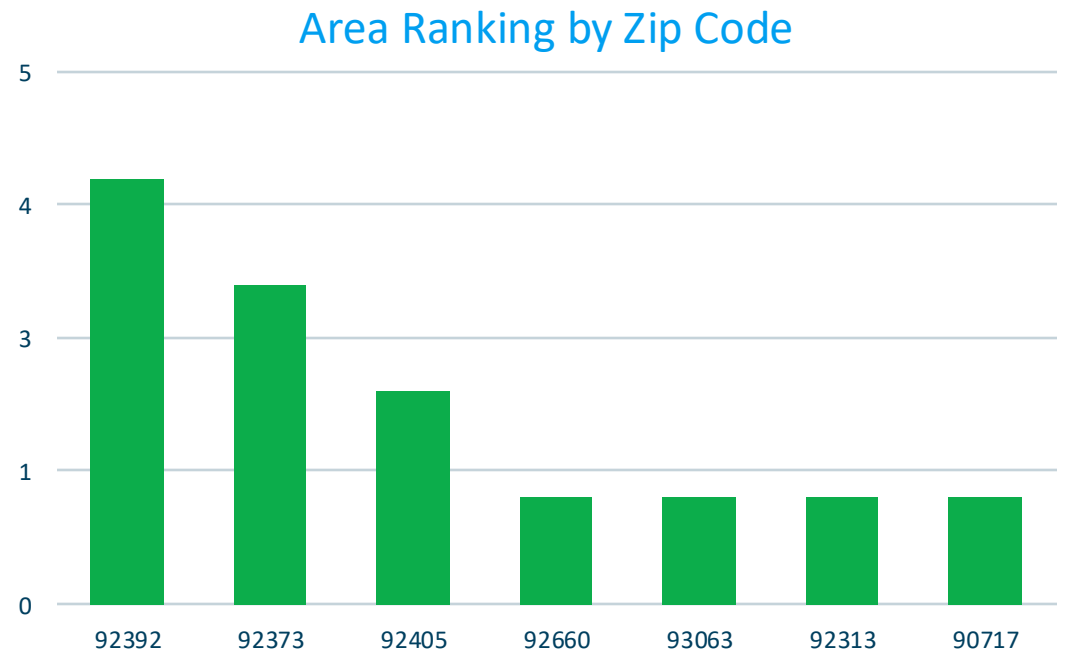
- Filed by 9 households

Comments in January

SBD International Airport

January 2026

ZIP CODE	CITY	COMMENTS	HOUSEHOLDS	COMMENTS/ HOUSEHOLD
92392	Victorville	4	1	4.0
92373	Redlands	3	3	1.0
92405	San Bernardino	2	1	2.0
92660	Newport Beach	1	1	1.0
93063	Simi Valley	1	1	1.0
92313	Grand Terrace	1	1	1.0
90717	Lomita	1	1	1.0
TOTALS		13	9	1.4

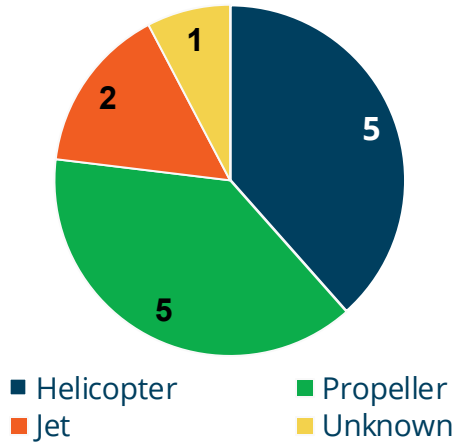


Comment Breakdown

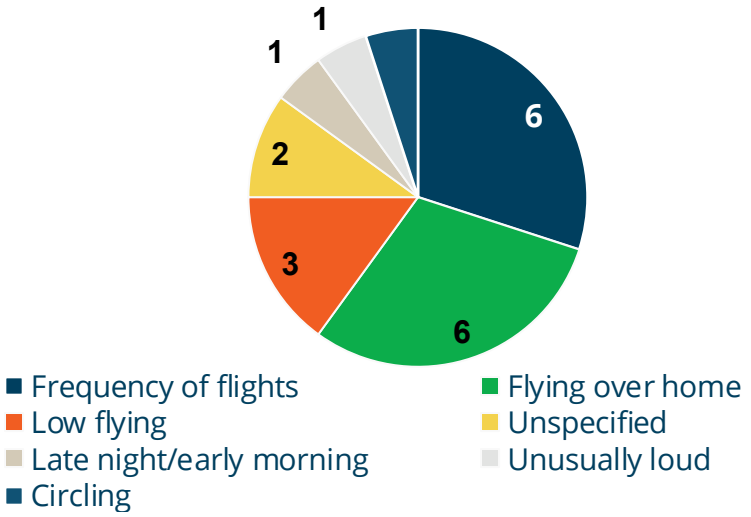
SBD International Airport

January 2026

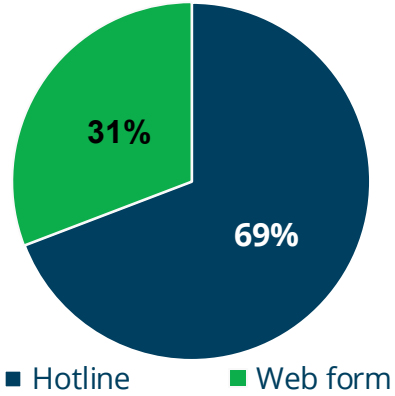
Comments by Aircraft Category



Comments by Concern



Filing Method



February 2026

A first look at the second month of the quarter.

11 noise comments

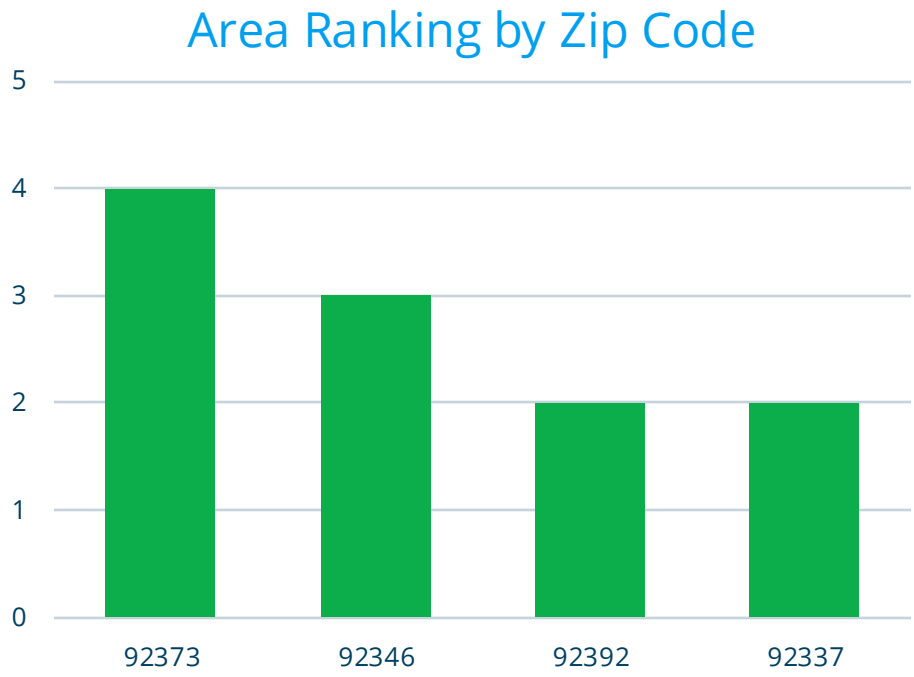
- Filed by 8 households

Comments in February

SBD International Airport

February 2026

ZIP CODE	CITY	COMMENTS	HOUSEHOLDS	COMMENTS/ HOUSEHOLD
92373	Redlands	4	4	1.0
92346	Highland	3	2	1.5
92392	Victorville	2	1	2.0
92337	Fontana	2	1	2.0
TOTALS		11	8	1.4

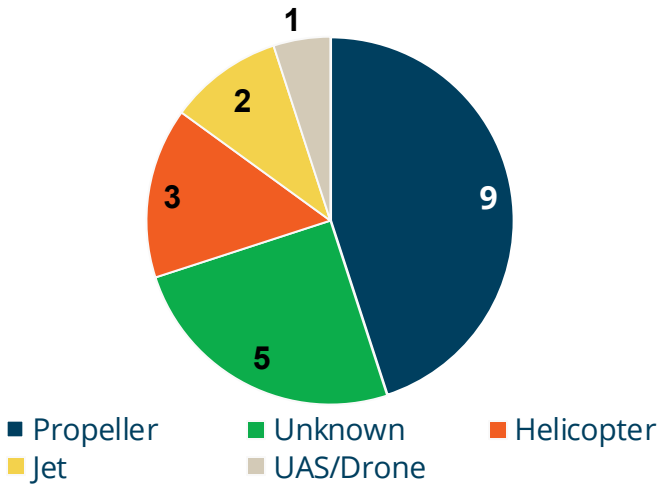


Comment Breakdown

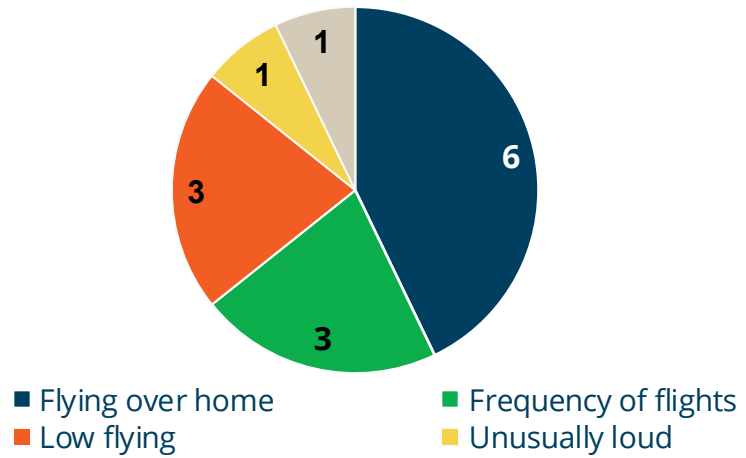
SBD International Airport

February 2026

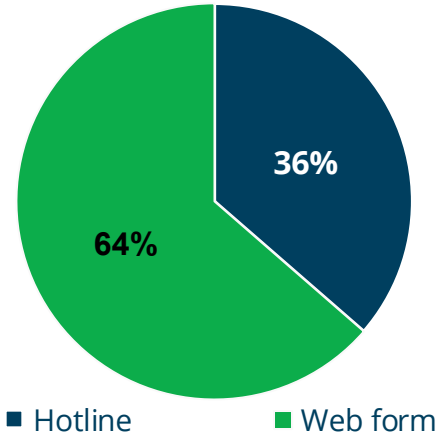
Comments by Aircraft Category



Comments by Concern



Filing Method



March 2026

A first look at the last month of the quarter.

33 noise comments

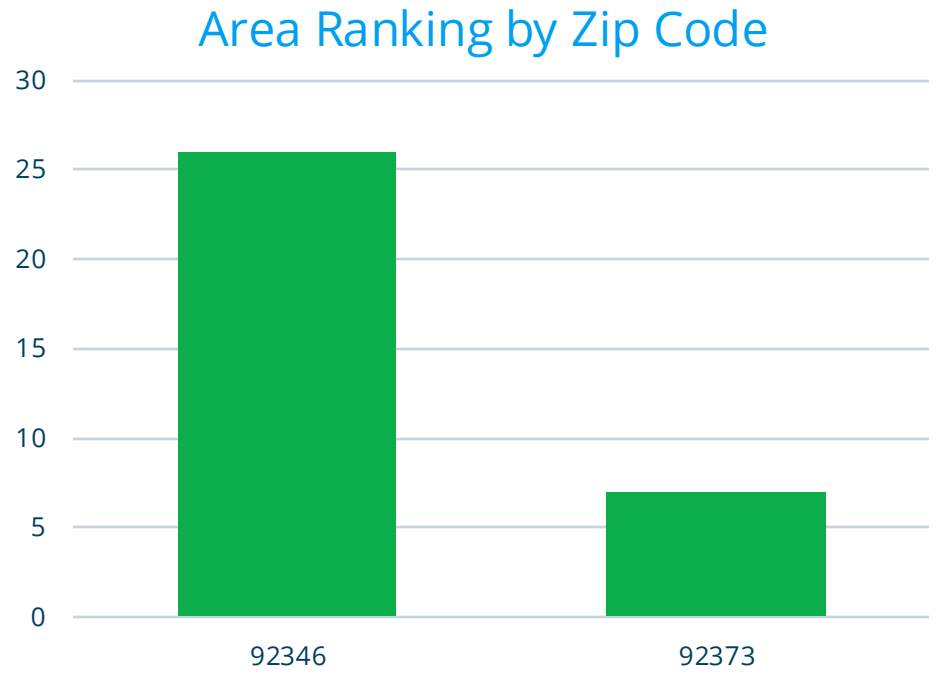
- Filed by 10 households

Comments in March

SBD International Airport

March 2026

ZIP CODE	CITY	COMMENTS	HOUSEHOLDS	COMMENTS/ HOUSEHOLD
92346	Highland	26	3	8.7
92373	Redlands	7	7	1.0
TOTALS		33	10	3.3

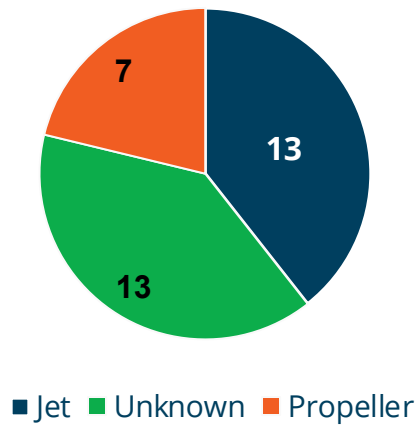


Comment Breakdown

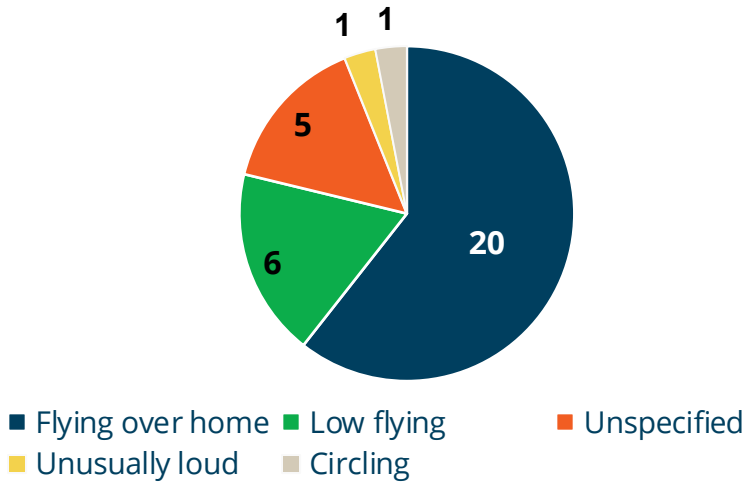
SBD International Airport

March 2026

Comments by Aircraft Category



Comments by Concern



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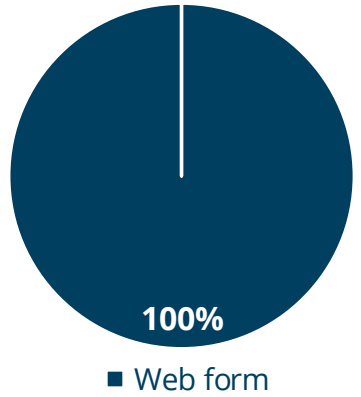


TOTALS & TRENDS

A look at the number of comments in the first quarter, year-over-year, and the areas of origination.

Noise comments for San Bernardino International Airport decreased in 1Q26, YoY, despite:

- **Continued aircraft operations, and**
- **Ongoing information and communications about the Good Neighbor Program to neighbors, aligned with available resources.**

Totals & Trends

SBD International Airport

January – March 2026

24

Distinct households filed aircraft noise comments this quarter.

57

Noise comments received from those households.

ZIP CODE	CITY	COMMENTS	HOUSEHOLDS	COMMENTS/ HOUSEHOLD
92346	Highland	29	3	9.7
92373	Redlands	14	14	1.0
92392	Victorville	6	1	6.0
92405	San Bernardino	2	1	2.0
92337	Fontana	2	1	2.0
93063	Simi Valley	1	1	1.0
92660	Newport Beach	1	1	1.0
90717	Lomita	1	1	1.0
92313	Grand Terrace	1	1	1.0
TOTALS		57	24	2.4

Totals & Trends

SBD International Airport

January – March 2026

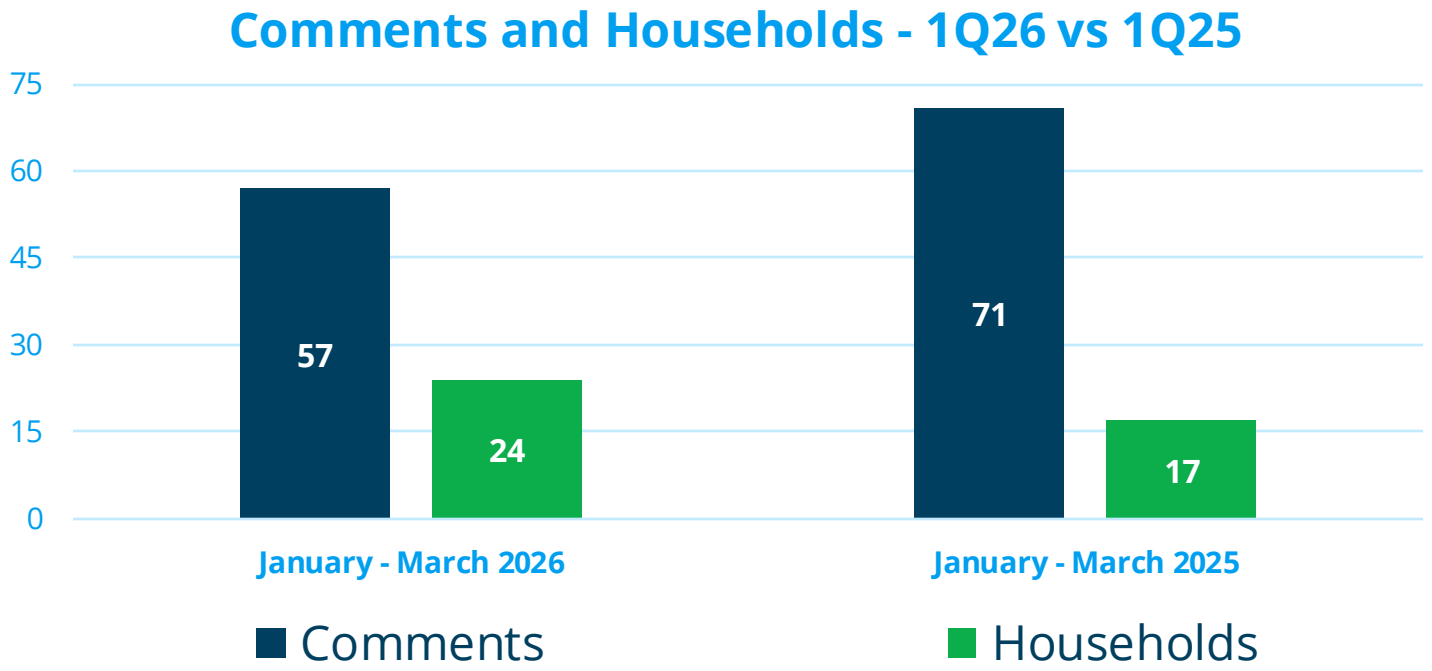
Top 5 Commenters - 1Q26

RANK	HOUSEHOLD ID	CITY	NUMBER OF COMMENTS
1	G183	Highland	14
2	N11	Highland	13
3	H373	Victorville	6
4	K139	Highland	2
5	H221	Fontana	2
TOTALS			37

Totals & Trends

SBD International Airport

1Q YoY Trends



COMMENT BREAKDOWN

What people are saying about activities at San Bernardino International Airport.

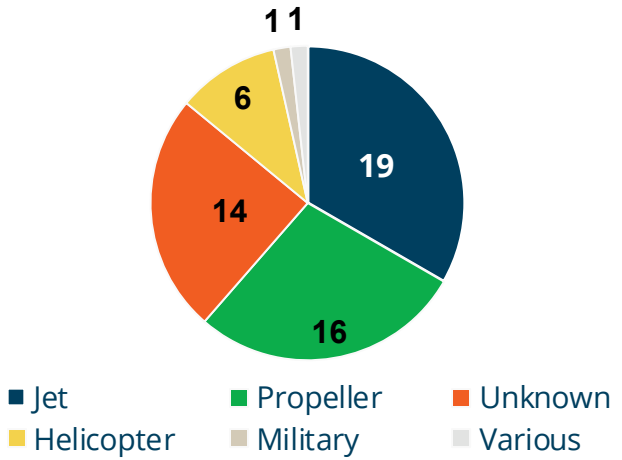
Most people are concerned about an airplane's proximity to their home.

Comment Breakdown

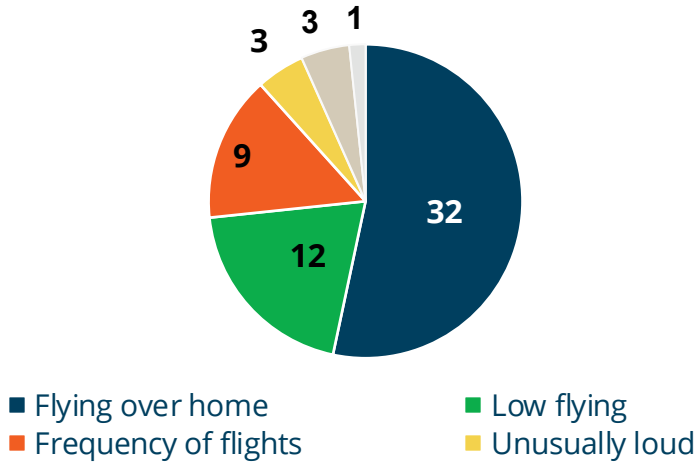
SBD International Airport

January – March 2026

Comments by Aircraft Category



Comments by Concern



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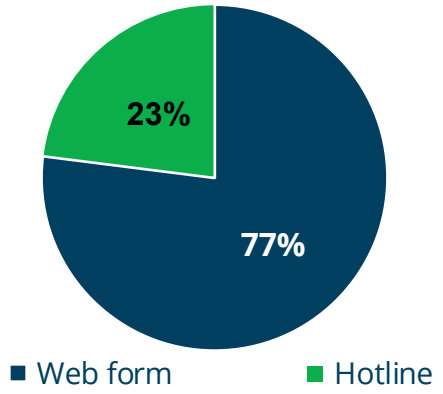


Comment Breakdown

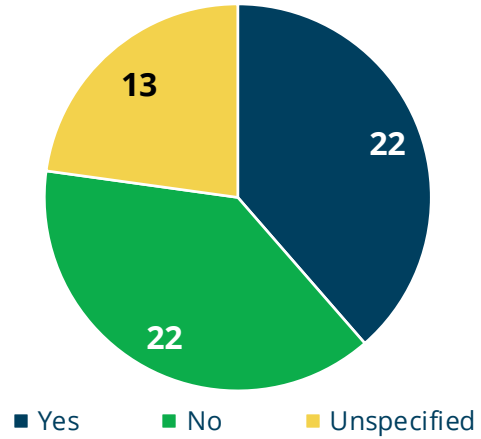
SBD International Airport

January – March 2026

COMMENT BY CONCERN	MENTIONS
Flying over home	32
Low flying	12
Frequency of flights	9
Unusually loud	3
Circling	3
Late night/early morning	1

AIRCRAFT CATEGORY	MENTIONS
Jet	19
Propeller	16
Unknown	14
Helicopter	6
Military	1
Various	1

Response Requested



COMMENT MAP

A look at where the comments originate.

Most comments come from within 5 - 10 miles of the airport.

Comment Map

SBD International Airport

January – March 2026

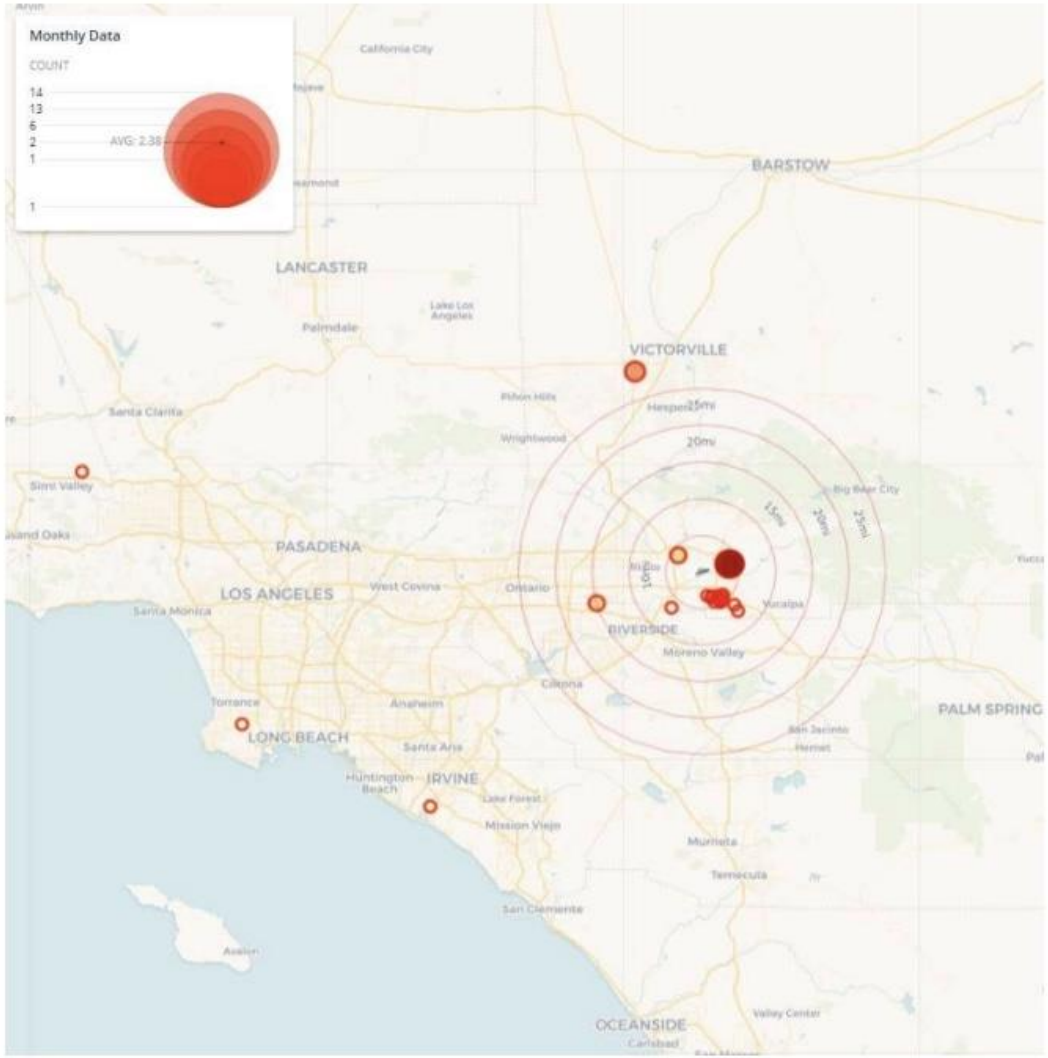
24

Distinct households filed aircraft noise comments this quarter.

57

Noise comments received from those households.

Comment Map: January – March 2026



NOTE: Map shows comments from distinct households. Noise comments from households submitted without valid address information are not depicted on the map.

Final Thoughts

1Q26 vs. 4Q25 (QoQ):

Noise comments decreased.
Number of households filing decreased.

1Q26 vs. 1Q25 (YoY):

Noise comments decreased.
Number of households filing increased.

YoY noise comments decreased, despite:

- Continued aircraft operations at SBD, and
- Ongoing community education and engagement about aircraft operations to neighbors.

***

The Good Neighbor Program is an important community resource, offering:

- Outlet for neighbors
- Pilot education about neighborhood noise sensitivity, and
- Community education and awareness about airport operations, activities, developments, and SBD's support to the region it serves.

SBD good neighbor program26

	TO: San Bernardino International Airport Authority Commission **DATE: May 27, 2026** **ITEM NO: 20** **PRESENTER: Michael Burrows, Chief Executive Officer**

SUBJECT: CONSIDER AND ADOPT A BUSINESS PLAN UPDATE (2026-2031)

SUMMARY

An oral report and PowerPoint presentation will be provided at the time of meeting. Commissioner feedback, direction, and concurrence will be requested during the meeting.

RECOMMENDED ACTION(S)

Conduct a San Bernardino International Airport Authority (SBIAA) Business Plan workshop and provided feedback and direction to Staff as appropriate, in reference to the prior workshops held on October 22, and December 18, 2025, and January 28, February 25, March 25, and April 22, 2026. The draft final Business Plan update is attached for consideration, review and adoption.

FISCAL IMPACT

None.

PREPARED BY:	Michael Burrows
CERTIFIED AS TO AVAILABILITY OF FUNDS:	N/A
APPROVED AS TO FORM AND LEGAL CONTENT:	Scott Huber
FINAL APPROVAL:	Michael Burrows

BACKGROUND INFORMATION

In 2009, the Inland Valley Development Agency (IVDA) and San Bernardino International Airport Authority (SBIAA) adopted its first Strategic Plan which operated on a five-year and ten-year outlook. In 2015, the SBIAA Commission adopted a new Strategic Plan which centered on revised initiatives, goals, and priorities. These were focused on Priority Projects and Programs for SBD International Airport. Staff have provided annual updates to the Board since the inception of the Strategic Plan. The most recent update was in 2020 wherein the plan was modified to reflect SBIAA Business Plan priorities. Reports on the status of the Action Plan (a subset of the Strategic Plan) are provided monthly.

Staff have been in the process of finalizing the upcoming fiscal year update and story map, which has been presented most recently with the annual budget process. The current SBIAA Business Plan is programmed for an update in 2026. Reports and workshops on core elements of the pending Business Plan Update were held on October 22, and December 18, 2025, and January 25, February 25, March 25, and April 22, 2026.

Attachments:

1. PowerPoint Presentation

SBD
International Airport

San Bernardino International Airport

Business Plan Update – 2026 - 2031

Impacts of Base Closure

Economic Impact (1990 – 2010):

- Loss of 15,458 Jobs
- $1.5 Billion in Annual Payroll
- $1.9 Billion Loss of Output (Economic Activity)
- About 3% of the 2009 SB Total GDP

Physical Impact:

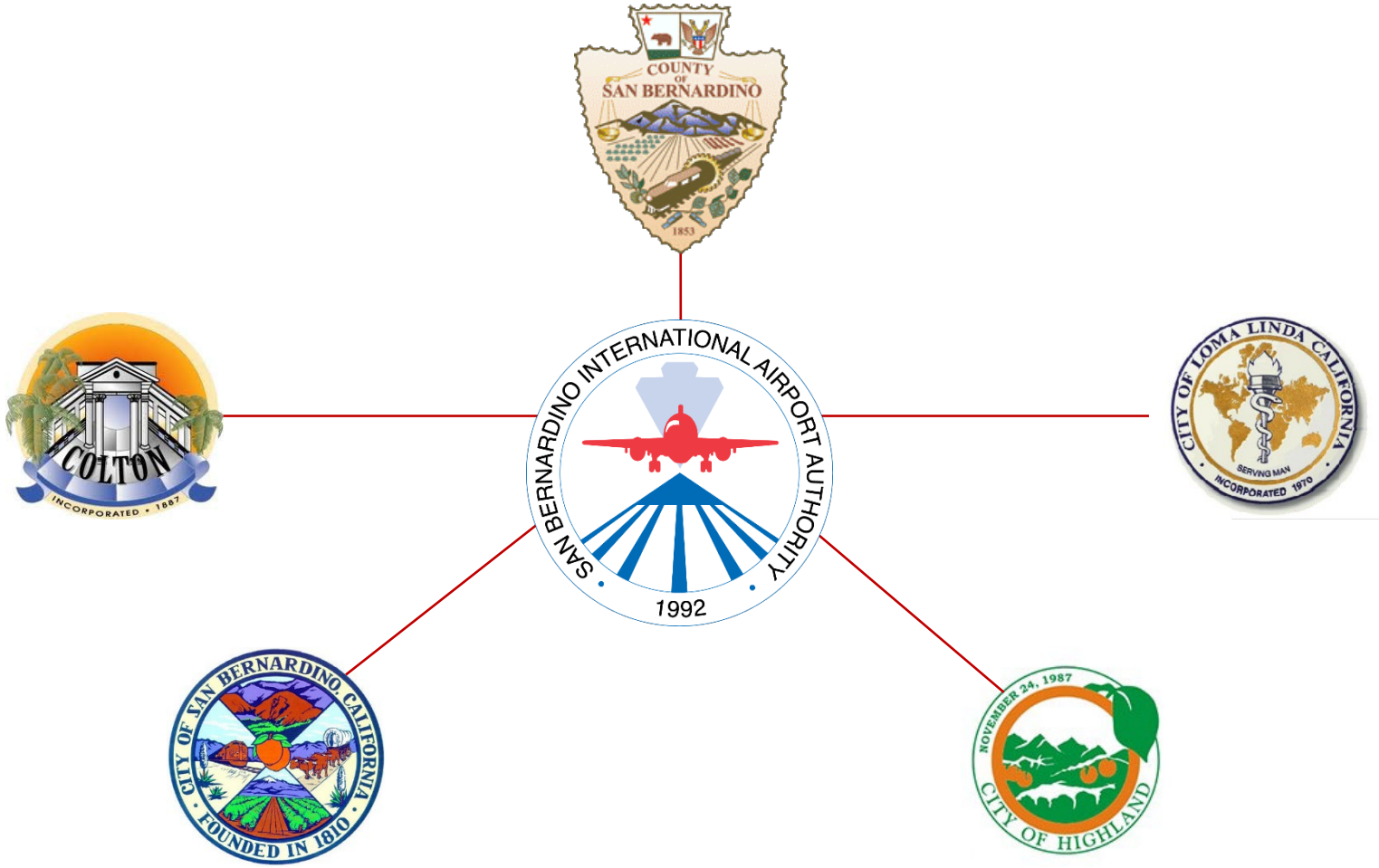
- Environmental Clean-up (Federal & Local)
- Replacement of All Utility Systems
- Replacement of All Major Roadways
- Abatement & Demolition of Over 125 buildings

Phase III Analysis (2020-2026):

- 2024 Update
- 18,693 Direct Jobs
- Over $5 Billion in Total Economic Output

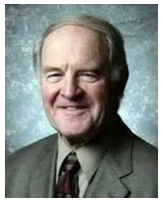
Source: Economic Impact Analysis of Alliance California and the San Bernardino International Airport (former Norton AFB, Phase II, 3/31/15)

Governance Structure



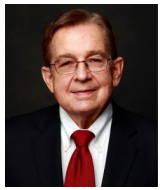
Leadership Through the Years

- Marshall Julian, Deputy Executive Director – 1992
- William Bopf, Executive Director – 1992
- Trevor Van Horn, Executive Director – 1993 to 1994
- Jim Monger, Airport Director – 1994 to 1997
- William Bopf, Executive Director – 1997 to 1998
- Alex Estrada, Interim Executive Director – 1998
- James W. Gourley, Executive Director – 1998 to 2000
- T. Milford Harrison, Interim Director then made Executive Director – 2000 to 2002
- Donald L. Rogers, Transition Management Team (2003), Interim Executive Director (2004-2009), Executive Director (2010-2011) – 2003 to 2011
- Michael Burrows, Acting Executive Director (2014-2015), Executive Director (2015-2020), Chief Executive Officer (2020-current) – 2014 to current



William L. Bopf

A.J. Wilson



T. Milford Harrison

Michael Burrows

Donald L. Rogers

Business Plan Workshop

Airport Facts:

1) SBD is comprised of over 1,300 acres of FAA regulated land and facilities.
2) Since 1997, it has been an FAA Part-139 certificated Airport. Deed covenants and FAA grant assurances require and compel compliance with FAA land use covenants.
    - This includes a restriction requiring that most properties be used for aeronautical purposes
    - Lease transactions Only – No sale of Airport property
    - All revenues generated from Airport property must be used for on-airport purposes – No diversion of Airport revenues
3) SBIAA serves as the “Airport Sponsor,” and while in compliance, is eligible for FAA grants.
    - FAA grants are primarily through the Airport Improvement Program (AIP) and can only be used for non-capital projects that improve airport infrastructure, safety, capacity, or security of nonexclusive use facilities
    - Eligibility determined through air cargo and commercial passenger service activity levels
4) SBD is also subject to a State of California, Department of Aeronautics Operating Permit.
5) SBD operates under a public utility model and generates revenue from leases, fuel sales, and Airport use fees and charges.
6) No local taxes are collected or used to fund or operate the Airport.

Planning Process

2010-2015 Plan | 2015-2020 Plan | 2020-2025 Plan | Update

Establishing Priorities

Draft Business Plan Update – common themes from Members:

1) Priority Projects:
   - SBD International Airport
   - Luxivair SBD
2) Align with Resources
3) Annual Updates

Establishing Priorities

- Diversify revenue streams and sources (aviation, non-aviation, inter-governmental)
  - Increase revenues by a minimum of 5% per year
  - Add new customers to Luxivair SBD by a minimum of 10% per year
- Maintain infrastructure & development support
- Increase application rate for federal grants (U.S. DOC, U.S. DOT)
- Implement new airport workforce development programs
- Implement a new airport capital improvement plan
- Expand private investment and employment in and at the Airport

What Do We Consider Results?

- San Bernardino International Airport is a public airport. It operates under a public utility business model. It serves to ensure compliance with FAA, Military Base Reuse, and General Airport Obligations.
- It seeks to consistently increase Airport business activity, including aircraft operations, enplanements, fuel sales, and airport services, thus providing investment at the Airport.
- Airport activity should maximize opportunities for the flying public while achieving fair, non-discriminatory, and equitable revenue returns to support the airport utility over the long run.
- To accomplish this, SBIAA must create an Airport business environment which supports further investment and employment opportunities for the benefit of the airport, its customers, stakeholders, region, and the National Air Transportation System.
- SBIAA seeks to ensure that inter-governmental and community support to the San Bernardino International Airport is provided as appropriate.
- SBIAA should consistently deliver quality airport planning, infrastructure development, community development , and environmental programs, projects, and initiatives.
- SBIAA seeks to realize its potential to provide high quality, higher wage producing employment opportunities for its member agencies and the communities they serve.
- Overall business attraction and retention across market segments: MRO, GA, Corporate, Air Cargo, and Commercial Passenger.
- Transforming the Airport into a best-in-class facility and operation.

Key Issues

- Near-term
  - Ever-changing business and regulatory environment
  - Constrained resources
  - Aging infrastructure
  - U.S. Customs – expansion of services
  - Environmental issues
- Long-term
  - Need to leverage federal and state funding opportunities by working collaboratively and regionally with SBIAA members and stakeholders
  - Programs must be self-funding and sustainable, promoting and advancing regional attributes, goals, and objectives

Financial Plan

a flight plan for SBIAA…

- The Plan - Proposed 5-Year and 10-Year Roadmap for the SBIAA
- Designed to enhance SBIAA strengths and core competencies while minimizing the expenditure of time and resources on non-essential or obsolete programs
- Focused on business development, retention and customer service– some tenets are uncharted territory for the airport
- Detailed program schedules are included in the appendices

Airport Revenues

Sources of Funds:

1) Lease Revenues – Pursuant to Federal Property Transfers

2) Luxivair Business Activity – Sale of Fuel, Goods, and Services

3) Grant Funds – Predominantly U.S. Department of Transportation, FAA

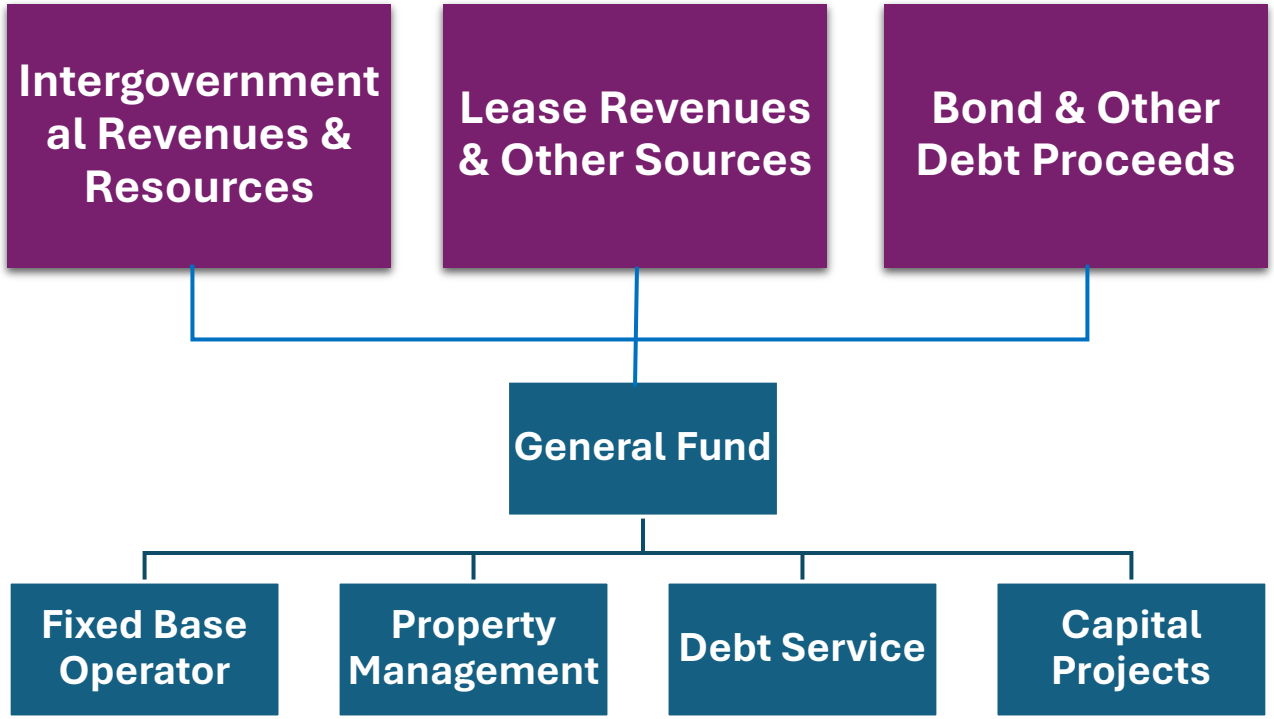
4) Advertising & Parking Fees – Domestic & International Terminals

5) Operating Fees – Licenses, Permits, Fees, and Charges (Filming)

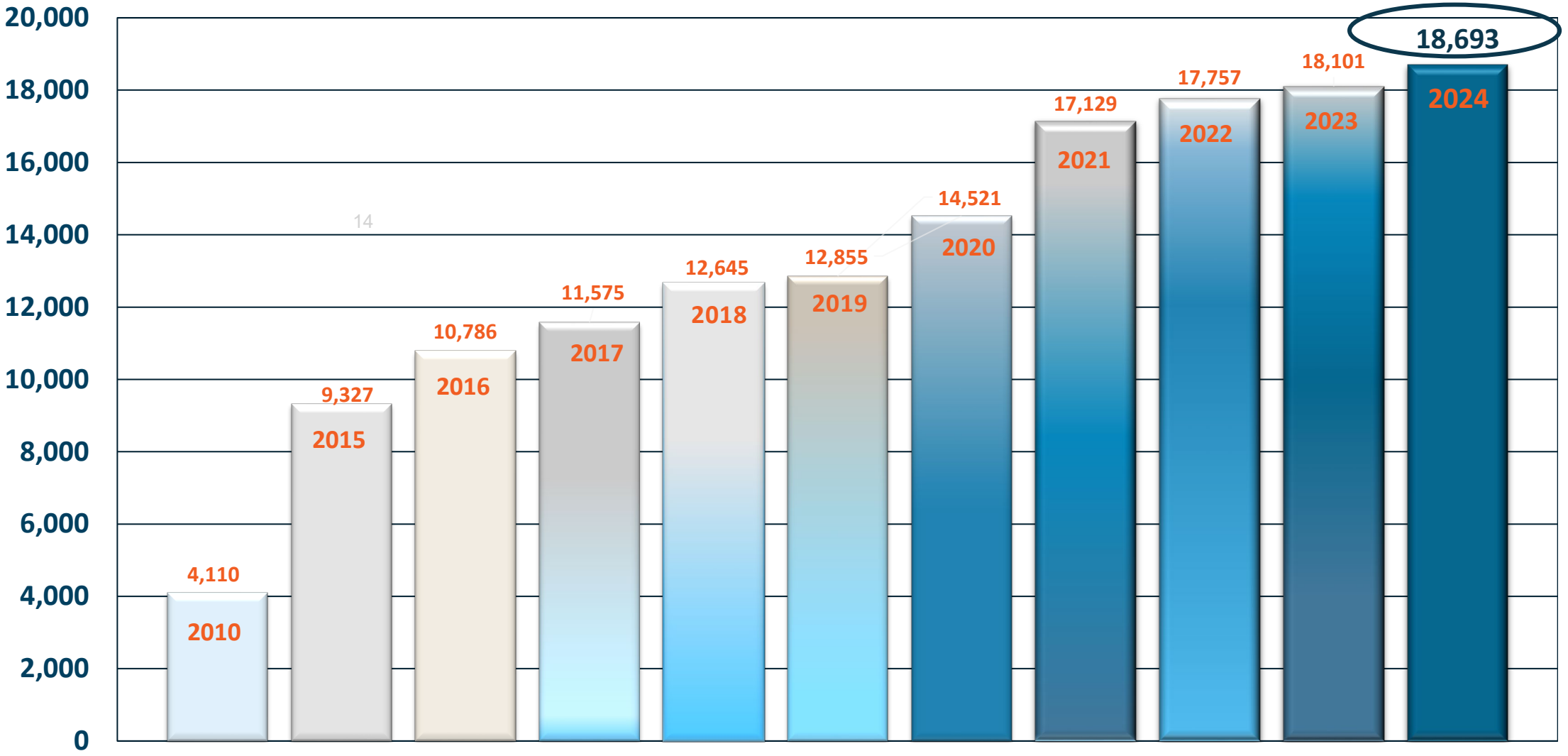
6) U.S. Customs – Need to Leverage Staff and Equipment Capabilities; Expand services

Airport Budget Structure

San Bernardino International Airport Authority
FY 2026-27 Annual Budget Structure
BUDGET STRUCTURE



New Employment – Direct Jobs



IMPLAN Analysis 2024

As of 2024, the IVDA project base reuse area has reached a milestone of creating and retaining *18,693* direct jobs. The "IMPLAN - 2024 IVDA Analysis" chart showcases the economic impact of the IVDA project area.

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	18,693.00	$768,423,999.66	$2,209,641,595.05	$3,701,554,712.64
2 - Indirect	5,878.22	$320,225,903.77	$472,167,349.09	$889,263,604.18
3 - Induced	2,751.48	$142,308,620.85	$284,819,713.49	$455,465,358.07
Totals	27,322.70	$1,230,958,524.28	$2,966,628,657.62	$5,046,283,674.89

	Display Code	Display Description	Industry Total Output	Impact Output	Percentage of Total Industry Output
1	413	Retail - Nonstore retailers	$3,311,431,251.62	$2,445,925,538.82	73.86%
2	414	Air transportation	$510,295,383.74	$336,267,914.37	65.90%
3	470	Office administrative services	$560,659,450.91	$62,126,353.82	11.08%
4	422	Warehousing and storage	$8,990,741,959.97	$856,606,452.62	9.53%
5	462	Management consulting services	$952,064,232.82	$82,805,266.98	8.70%
6	465	Advertising, public relations, and related services	$293,090,785.84	$18,008,639.34	6.14%
7	420	Scenic and sightseeing transportation and support activities for transportation	$1,144,406,181.85	$60,850,782.18	5.32%
8	423	Newspaper publishers	$19,386,649.71	$840,182.72	4.33%
9	431	Radio and television broadcasting	$286,891,372.77	$11,886,242.28	4.14%
10	526	Postal service	$270,198,341.84	$11,042,367.36	4.09%

Top 10 Job Industries

Aviation Business Partners at SBD - 2026

Green Energy Element

Re-Imagined in 2020 and implemented in 2021. SBD was early adopter of EV and solar in 2010. SBD's Green Energy Element is going strong.

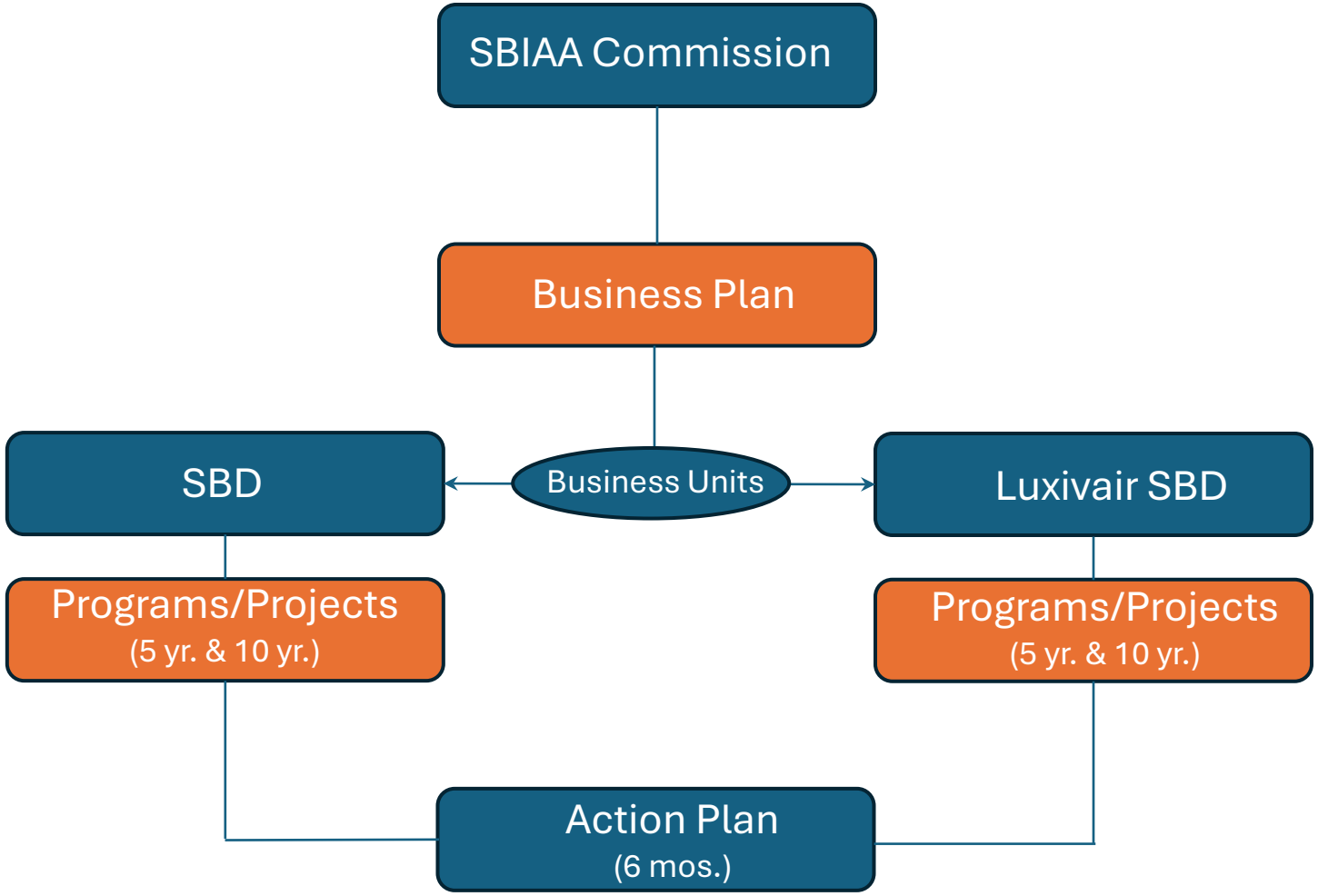
Acquisition of additional all-electric ground support equipment (tugs, stair truck, lavatory cart, Ford Lightning trucks, hybrid security vehicles, etc.).

10 fleet vehicles upgraded to electric/hybrid.

130 EV Chargers installed throughout the airport and business park under the SCE Charge Ready program with Charge Point – completed in 2024.

Program is aligned with the IVDA UAS Center at SBD, now a focus site for emerging aerospace technologies with SBD based OEM companies.

Business Plan Structure



Operational Business Units: Alignment (2026 - 2031)

SBD International Airport

Focal Areas:

1) **Expanded Passenger Service**
2) **U.S. Customs Staffing Enhancement**
3) **Upgrade Navigational Aids**

LUXIVAIR SBD

Focal Areas:

1) **Elevate the Customer Experience**
2) **Expanded International Service**
3) **Maintain Steady Growth**

Operational Business Units: (2026 - 2031)

Planning Projects 2026-2031			
#	Project	Est. Completion	Cost
1	SBD Above & Beyond Project (Pre-Build)	2026/27	$ 300,000
2	Airport Environmental Programs	2027/28	$ 300,000
3	GA Hangar Expansion (Permitting)	2026/28	$ 100,000
4	Airport Communication Initiatives	Annual	$ 200,000
5	Pavement Management Update	2026/28	$ 300,000
6	Entitlement/ Design of Hangar Expansion Areas (Cargo)	2026/28	$ 250,000
7	SBD Above & Beyond Project (Permitting & Design/Build)	2027/28	$ 250,000
8	Environmental Assessment for extension of Runway 6/24 and Taxiway "A"	2028/30	$ 800,000
9	SBD Good Neighbor Program (YOY)	Annual	$ 400,000

Operational Business Units: (2026 - 2031)

Construction Projects 2026-2031				
#	Project	Est. Completion	Cost	
1	Reconstruct Portion of Taxiway (A) FAA	2026/27	$	4,510,612
2	Inter-Terminal Pedestrian Walkway	2026/27	$	150,000
3	Pavement Mangement Plan Update (FAA)	2026/27	$	292,300
4	Slurry Seal & Airfield Striping Project (FAA)	2026	$	3,275,708
5	Airfield Drainage Channel Repairs (City Creek)	2027/28	$	3,100,000
6	Construct Apron Pavement in East GA Area (Phase II)	2027/28	$	500,000
7	SBD Above & Beyond Project	2026/27	$	6,000,000
8	Airport Operations/ Maintenance Vehicle Replacements	Annual	$	250,000
9	Airport Operations Communications Upgrades	Annual	$	150,000
10	General Aviation Hangar Construction - Phase III	2026/28	$	1,000,000
11	Reconstruct North Airport Ramp (2026)	2026/27	$	3,000,000
12	FAA ARFF Response Vehicle (2027)	2026/27	$	1,300,000
13	Reconstruct Runway Stopways (2027)	2027/28	$	3,500,000
14	Airport Navaid Upgrades	2027/30	$	375,000
15	Airport Security Vehicle Replacements	Annual	$	200,000
16	Fiberoptic Network Repairs/ Upgrades	Annual	$	150,000

Operational Business Units: (2026 - 2031)

Planning/Maintenance Projects 2026-2031			
#	Project	Est. Completion	Cost
1	Community Programs	2026/27	$ 250,000
2	Luxiivair SBD Business Plan Support	Annual	$ 30,000
3	Alternative Fuel Vehicle & Equipment Upgrades (EV/GSE)	2026/28	$ 600,000
4	Solar Upgrades	2027/28	$ 110,000
5	Customer Service & Financial Training	Annual	$ 50,000
6	Computer/ Network Upgrades (FBO & Fuel Farm)	2026/28	$ 50,000
7	POS/ Tablet System Upgrades	2026/29	$ 25,000
8	Luxiivair SBD Lighting Upgrades	2026/27	$ 50,000
9	Concession Design & Entitlement	2027/28	$ 120,000

Operational Business Units: (2026 - 2031)

LUXIVAIR SBD

Development Projects 2026-2031				
#	Project	Est. Completion	Cost	
1	Signage (on-site & airfield)	2026/28	$	75,000
2	Baggage Tractor (EV)	2026/29	$	82,000
3	Relocate Blast Fence	2027/29	$	50,000
4	Towbars	2027/29	$	30,000
5	Belt Loader	2027/29	$	81,000
6	Fuel Farm Lighting/ Awnings	2027/28	$	80,000
7	Airport Ramp Upgrades	2027/28	$	350,000
8	Courtesy Shuttle Van	2028/29	$	120,000
9	Baggage Tractor (EV)	2027/28	$	60,000
10	Parking Lot Improvements	2027/28	$	150,000
11	Concession Improvements	2027/29	$	2,500,000
12	Tug Upgrade	2027/29	$	120,000
13	Fuel Truck Upgrades	2028/29	$	500,000
14	GSE Upgrade	Annual	$	750,000
15	Striping Project	2026/29	$	100,000
16	FF &E Replacement	2027/29	$	250,000
17	Box Hangar Construction	2027/29	$	6,500,000
18	Construct FBO Ramp & Apron	2027/30	$	2,000,000
19	Solar System Installation	2028/29	$	1,300,000
20	Courtesy Car replacements	2026/30	$	250,000

Appendices

AIRPORT

San Bernardino International Airport Authority
Proposed Projects for FY 2026-31

#	Project	Est. Cost	2026 1st QTR	2026 2nd QTR	2026 3rd QTR	2026 4th QTR	2027 1st QTR	2027 2nd QTR	2027 3rd QTR	2027 4th QTR	2028 1st QTR	2028 2nd QTR	2028 3rd QTR	2028 4th QTR	2029 1st QTR	2029 2nd QTR	2029 3rd QTR	2029 4th QTR	2030 1st QTR	2030 2nd QTR	2030 3rd QTR	2030 4th QTR
	Planning Projects																					
1	SBD Above & Beyond Project (Pre-Build)	$ 300,000																				
2	Airport Environmental Programs	$ 300,000																				
3	GA Hangar Expansion (Permitting)	$ 100,000																				
4	Airport Communication Initiatives	$ 200,000																				
5	Pavement Management Update	$ 500,000																				
6	Entitlement/ Design of Hangar Expansion Areas (Cargo)	$ 250,000																				
7	SBD Above & Beyond Project (Permitting & Design/Build)	$ 250,000																				
8	Environmental Assessment for extension of Runway 6/24 and Taxiway "A"	$ 800,000																				
9	SBD Good Neighbor Program (YOY)	$ 400,000																				
	Planning Projects - Total	*$ 2,800,000*																				
	Construction Projects - 5 Year																					
10	Reconstruct Portion of Taxiway (A) FAA	$ 4,510,612																				
11	Inter-Terminal Pedestrian Walkway	$ 150,000																				
12	Pavement Management Plan Update (FAA)	$ 292,300																				
13	Slurry Seal & Airfield Striping Project (FAA)	$ 3,275,708																				
14	Airfield Drainage Channel Repairs (City Creek)	$ 3,100,000																				
15	Construct Apron Pavement in East GA Area (Phase II)	$ 500,000																				
16	SBD Above & Beyond Project	$ 6,000,000																				
17	Airport Operations/ Maintenance Vehicle Replacements	$ 250,000																				
18	Airport Operations Communications Upgrades	$ 150,000																				
19	General Aviation Hangar Construction - Phase III	$ 1,000,000																				
20	Reconstruct North Airport Ramp (2026)	$ 3,000,000																				
21	FAA ARFF Response Vehicle (2027)	$ 1,300,000																				
22	Reconstruct Runway Stopways (2027)	$ 3,500,000																				
23	Airport Navaid Upgrades	$ 375,000																				
24	Airport Security Vehicle Replacements	$ 200,000																				
25	Fiberoptic Network Repairs/ Upgrades	$ 150,000																				
26	Airport Security Upgrades (TSA, Video, Etc.)	$ 350,000																				
27	Replace AWOS III (2027)	$ 250,000																				
28	Airport Parking Lot/ revenue Control Repairs/ Upgrades	$ 200,000																				
29	Reconstruct Taxiway C (2028)	$ 12,000,000																				
30	Reconstruct General Aviation Ramp (2029)	$ 2,500,000																				
31	Terminal Solar Upgrades (REPAIR/UPDATE)	$ 240,000																				
32	Air Traffic Control Tower Upgrades	$ 500,000																				
33	Domestic Terminal Jet bridge Replacements	$ 3,000,000																				
34	Airport Security Building Rehabilitation	$ 300,000																				
35	Airport Maintenance Equipment Upgrades	$ 125,000																				
36	Airfield Drainage Improvement Project	$ 1,100,000																				
37	Reconstruct Taxiway B	$ 11,000,000																				
38	Construct Heliport	$ 600,000																				
39	Airport Master Plan Update (2031)	$ 1,100,000																				
40	Construct Apron - Phase II	$ 3,900,000																				
41	Air Traffic Control Service Radar Feed Upgrade	$ 2,000,000																				
42	Improve General Aviation Utility Infrastructure	$ 2,000,000																				
43	Construct Corporate Hangar Development Infrastructure	$ 1,004,000																				
44	Construct Taxiway Extension Leading to Hangar Development in GA Area	$ 684,000																				
45	Construct General Aviation Hangars - Phase III (Hangars)	$ 3,500,000																				
46	Construct Terminal Building Concourse - Phase II (3 gates)	$ 11,700,000																				
47	GRID Resiliency Upgrades	$ 6,500,000																				
48	Rehabilitate Various Taxiway and Apron Pavements (Various Phases)	$ 10,000,000																				
	Construction Projects - 5-Year Total	*$ 102,306,620*																				
	5-Year Planning and Construction Projects - Total	*$ 105,106,620*																				
	Construction Projects - 10 Year																					
49	Airport Maintenance Vehicle Replacement	$200,000																				
50	Construct Parallel Rwy 6R-24L for General Aviation Use (4,600'x75')	$ 15,131,000																				
51	Install PAPI-2s and REILS on Runway 6R-24L	$ 317,000																				
52	Expand Fuel Farm Facility - Phase II	$3,900,000																				
53	Construct Terminal Building Concourse - Phase III (3 Gates)	$ 11,700,000																				
54	Construct Air Cargo Apron - Phase II	$ 4,579,000																				
55	Repave Perimeter Road	$ 1,552,000																				
56	Construct Air Cargo Facility/Buildings/Parking - Phase II	$ 23,610,000																				
57	Construct Taxiways Leading to Hangar Development in GA Area	$ 2,000,000																				
58	Construct General Aviation Hangars - Phase IV	$5,200,000																				
59	Remove Existing Building Infrastructure in East GA Area	$3,026,000																				
60	Construct Taxilane Leading to Airfield Access Revenue Support Parcels	$ 214,000																				
61	Rehabilitate Various Taxiway and Apron Pavements	$ 10,000,000																				
	Construction Projects - 10 Year Total	*$ 81,429,000*																				
	Planning and Construction Projects - Total	*$ 186,535,620*																				
	Evaluation/Assessment - Plan Update																					

Eligible for grant or partner funding

Local/Other Funds/P3

LUXIVAIR SBD

#		Project	Est. Cost	2026 1st QTR	2026 2nd QTR	2026 3rd QTR	2026 4th QTR	2027 1st QTR	2027 2nd QTR	2027 3rd QTR	2027 4th QTR	2028 1st QTR	2028 2nd QTR	2028 3rd QTR	2028 4th QTR	2029 1st QTR	2029 2nd QTR	2029 3rd QTR	2029 4th QTR	2030 1st QTR	2030 2nd QTR	2030 3rd QTR	2030 4th QTR
Planning/ Maintenance Projects																							
1		Community Programs	$ 250,000			■	■	■	■						■	■			■	■				
2		Luxivair SBD Business Plan Support	$ 30,000			■	■	■	■			■	■	■				■					■
3		Alternative Fuel Vehicle & Equipment Upgrades (EV/GSE)	$ 600,000			■	■	■	■	■	■	■	■										
4		Solar Updgrades	$ 110,000				■			■	■			■	■			■	■			■	■
5		Customer Service & Financial Training	$ 50,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
6		Computer/ Network Upgrades (FBO & Fuel Farm)	$ 50,000			■	■	■		■	■			■									■
7		POS/ Tablet System Upgrades	$ 25,000			■	■			■	■							■	■				■
8		Luxivair SBD Lighting Upgrades	$ 50,000		■	■	■	■	■														
9		Concession Design & Entitlement	$ 120,000					■	■	■	■	■		■									■
Planning/ Maintenance Projects - Total			*$ 1,285,000*																				
Development Projects - 5 Year																							
10		Signage (on-site & airfield)	$ 75,000			■	■	■	■	■	■	■	■			■	■			■	■		
11		Baggage Tractor (EV)	$ 82,000			■	■	■	■	■	■	■	■			■	■			■	■		
12		Relocate Blast Fence	$ 50,000					■	■	■						■	■						
13		Towbars	$ 30,000					■	■			■	■			■	■						
14		Belt Loader	$ 81,000					■	■			■	■			■							
15		Fuel Farm Lighting/ Awnings	$ 80,000					■	■	■		■	■										
16		Airport Ramp Upgrades	$ 350,000					■	■	■	■			■	■								
17		Curetsy Shuttle Van	$ 120,000											■	■								
18		Baggage Tractor (EV)	$ 60,000							■	■			■	■								
19		Parking Lot Improvements	$ 150,000					■	■			■	■										
20		Concession Improvements	$ 2,500,000							■	■	■	■	■	■	■							
21		Tug Upgrade	$ 120,000											■				■					
22		Fuel Truck Upgrades	$ 500,000										■	■				■	■				
23		GSE Upgrade	$ 750,000				■	■				■	■					■	■				
24		Striping Project	$ 100,000				■		■	■					■			■				■	
25		FF &E Replacement	$ 250,000			■	■	■	■	■	■			■				■		■	■		
26		Box Hangar Construction	$ 6,500,000							■	■	■										■	■
27		Construct FBO Ramp & Apron	$ 2,000,000								■	■					■	■	■	■	■	■	■
28		Solar System Installation	$ 1,300,000											■	■	■	■	■	■	■	■	■	■
29		Courtesy Car replacements	$ 250,000		■	■			■	■									■			■	
Business Development Projects - 5 Year Total			*$ 15,348,000*																				
5 Year Business Development Projects - Total			*$ 16,633,000*																				
Business Development Projects - 10 Year																							
30		Gate Operator Upgrades	$ 30,000																				
31		Communications Upgrades	$ 75,000																				
32		Software Upgrades	$ 100,000																				
33		Courtesy Car replacements	$ 150,000																				
34		FF & E Replacements	$ 150,000																				
35		Alternative Fuel Vehicle & Equipment Upgrades	$ 500,000																				
36		Generator Replacement/Upgrades	$ 250,000																				
Business Development Projects - 10 Year Total			*$ 1,255,000*																				
Business Development Projects - Total			*$ 17,888,000*																				
		Evaluation/Assessment - Plan Update																					
		Eligible for grant or partner funding																					
		Local/Other/P3																					

	TO: San Bernardino International Airport Authority Commission **DATE: May 27, 2026** **ITEM NO: 21** **PRESENTER: Michael Burrows, Chief Executive Officer**

SUBJECT: REVIEW STATUS OF THE ACTION PLAN FOR THE SAN BERNARDINO INTERNATIONAL AIRPORT AUTHORITY (SBIAA) THROUGH JUNE 30, 2026

SUMMARY

On December 16, 2015, the SBIAA Commission adopted a Strategic Plan and in January 2020 updated its Business Plan and near-term outlook. These helped identify key dates and deliverables in an effort to focus San Bernardino International Airport Authority (SBIAA) Staff and Resources to increase organizational, operational efficiencies and results.

RECOMMENDED ACTION(S)

Review the Action Plan for the San Bernardino International Airport Authority (SBIAA) through June 30, 2026.

FISCAL IMPACT

None. The proposed plan identifies staff resources for which funding is included in the General Fund of the adopted San Bernardino International Airport Authority (SBIAA) Budget for Fiscal Year 2025-2026.

PREPARED BY:	Michael Burrows
CERTIFIED AS TO AVAILABILITY OF FUNDS:	Mark Cousineau
APPROVED AS TO FORM AND LEGAL CONTENT:	Scott Huber
FINAL APPROVAL:	SBIAA Commission

BACKGROUND INFORMATION

The Action Plan identifies key dates and deliverables in an effort to focus San Bernardino International Airport Authority (SBIAA) Staff and Resources to increase organizational and operational efficiencies.

This status is offered for consideration and review. Updates and adjustments should be made, as appropriate, at each monthly interval.

For review and discussion.

Attachments:

1. SBIAA Action Plan

June 30, 2026 – Airport Focal Areas

- Ensure Operational & Financial Stability
- Stabilize Revenue Streams & Sources
- Good Neighbor Program
- Airport Outreach:
  - Business Retention & Expansion
- EV & Solar Projects
- FAA Taxiway Project
- Grant Programs & Initiatives
- International Trade
- Business Plan Update

Draft Action Plan for SBIAA (6/30/26)

Month	Key Initiative	Key Resources	Completion Date
January, 2026	Airport Operations Update; FAA Reporting; Good Neighbor Report	SBIAA Commission, CEO, Director of Aviation, Airport Manager, Director of Finance	January, 2026
February , 2026	Mid-Year Budget Adjustments; FAA Emergency Exercise	Director of Aviation, Airport Manager, Director of Finance, Director of Administration	February, 2026
March, 2026	Annual Audit; Legislative Updates; Operational Updates	CEO, Director of Administration, Director of Aviation, Director of Finance	March, 2026
April, 2026	Grant Program & Initiatives; Green Energy Element Update	Director of Finance, Director of Aviation, Project Manager	April, 2026
May, 2026	International Trade Initiatives; Draft Annual Budget Preparation and Review	SBIAA Commission & Committee, CEO, Director of Finance, Exec Staff	May, 2026
June, 2026	Adopt Annual Budget	SBIAA Commission & Committee, CEO., Aviation Director, Director of Finance, Exec Staff	June, 2026

- Critical Path for Commission Buy-In & Implementation; Aggressive Timeline May Impact Capital Plan

SBIAA Near-Term Action Plan – Implementation

May 2026

- Stabilize Tenants & Infrastructure
- Review Operational Plans
- FAA Taxiway Project
- Implement New Operational Software
- Complete 2025/26 Airport Marketing Efforts & Initiatives
- Air Passenger Service
- International Trade
- Legislative Program

Sub-Initiative Status: