

CITY OF LAREDO
CONSTRUCTION CHANGE ORDER

PROJECT: CONSTRUCT TAXIWAYS H1 AND H2

CHANGE ORDER No.

Two (2)

CONTRACTOR: REIM CONSTRUCTION

DATE:

1/28/2025

You are hereby requested to comply with the following changes from the contract plans and specifications.

This document shall become an Amendment to the Contract and all provisions of the Contract shall apply thereto.

| ITEM NO. | DESCRIPTION OF CHANGES | QUANTITY | UNIT | PRICE | DECREASE IN CONTRACT PRICE | INCREASE IN CONTRACT PRICE |
|----------|---|----------|------|--------------|----------------------------|----------------------------|
| 3 | INSTALLATION AND REMOVAL OF SILT FENCE | -70.00 | LF | \$ 8.75 | \$ (612.50) | |
| 4 | GRATE INLET PROTECTION | -7.00 | EA | \$ 325.00 | \$ (2,275.00) | |
| 8 | REMOVE CONCRETE PAVEMENT, FULL DEPTH | -42.00 | SY | \$ 79.00 | \$ (3,318.00) | |
| 10 | REMOVE/DISPOSE EXISTING RCP | -755.00 | LF | \$ 25.25 | \$ (19,063.75) | |
| 11 | UNCLASSIFIED EXCAVATION | -85.00 | CY | \$ 29.25 | \$ (2,486.25) | |
| 13 | DENSE GRADED HOT-MIX ASPHALT TYPE B, PG 64-22 (BASE COURSE) | -337.90 | TON | \$ 183.00 | \$ (61,835.70) | |
| 15 | 6" FLEXIBLE BASE COURSE TYPE A GRADE 5 | -500.00 | SY | \$ 22.75 | \$ (11,375.00) | |
| 16 | FLEXIBLE BASE COURSE TYPE E GRADE 1-2 | -150.00 | CY | \$ 136.00 | \$ (20,400.00) | |
| 17 | 15" CONCRETE PAVEMENT | -356.00 | SY | \$ 185.00 | \$ (65,860.00) | |
| 20 | AIRFIELD PAVEMENT MARKING (WHITE) | -65.00 | SF | \$ 42.00 | \$ (2,730.00) | |
| 27 | SEEDING | -750.00 | SY | \$ 6.25 | \$ (4,687.50) | |
| 29 | TOPSOIL (FURNISH FROM OFF THE SITE) | -170.00 | CY | \$ 48.00 | \$ (8,160.00) | |
| 34 | NO.9 AWG, 5kV, L-824, TYPE C CABLE, INSTALLED IN TRENCH, DUCT BANK OR CONDUIT | -214.00 | LF | \$ 2.45 | \$ (524.30) | |
| 35 | NO.6 AWG, SOLID, BARE COPPER COUNTERPOISE | -410.00 | LF | \$ 2.45 | \$ (1,004.50) | |
| 36 | ALCS PANEL GRAPHIC | -1.00 | LS | \$ 10,220.00 | \$ (10,220.00) | |
| 38 | DIRECT BURIED ELECTRICAL CONDUIT, 1-WAY, 2-INCH SCHEDULE 40PVC | -70.00 | SY | \$ 21.70 | \$ (1,519.00) | |
| 39 | CONCRETE ENCASED ELECTRICAL CONDUIT 4-WAY 2-INCH SCH. 40 PVC, IN NEW PVMT | -69.00 | LF | \$ 132.25 | \$ (9,125.25) | |
| 40 | REMOVE EXISTING 1-WAY, 2 IN CONDUIT, DEB, COMPLETE | -3040.00 | LF | \$ 0.50 | \$ (1,520.00) | |
| 41 | REMOVE EXISTING 2-WAY, 4-INCH DUCT BANK, CONCRETE ENCASED, COMPLETE | -100.00 | LF | \$ 0.80 | \$ (80.00) | |
| 43 | DIRECTIONALLY DRILLED 2-WAY 4" DUCT BANK | -10.00 | LF | \$ 127.00 | \$ (1,270.00) | |
| | ADDITIVE ALTERNATE 1 | | | | | |
| 58 | REMOVE ASPHALT PAVEMENT, FULL DEPTH | -158.00 | SY | \$ 28.00 | \$ (4,424.00) | |
| 59 | UNCLASSIFIED EXCAVATION | -203.00 | CY | \$ 29.50 | \$ (5,988.50) | |
| 60 | 6" FLEXIBLE BASE COURSE TYPE A GRADE 1-2 (COMPLETE IN PLACE) | -126.00 | SY | \$ 22.75 | \$ (2,866.50) | |
| 61 | DENSE GRADED HOT MIX ASPHALT TYPE B PG 64-22 (6 IN BASE COURSE) | -88.83 | TON | \$ 183.00 | \$ (16,255.89) | |
| 62 | 17" CONCRETE PAVEMENT | -167.00 | SY | \$ 214.00 | \$ (35,738.00) | |
| | ADDITIVE ALTERNATE 2 | | | | \$ - | |
| 71 | INSTALLATION AND REMOVAL OF SILT FENCE | -107.00 | LF | \$ 8.75 | \$ (936.25) | |
| 74 | REMOVE ASPHALT PAVEMENT, FULL DEPTH | -39.00 | SY | \$ 30.00 | \$ (1,170.00) | |
| 75 | UNCLASSIFIED EXCAVATION | -174.00 | CY | \$ 29.50 | \$ (5,133.00) | |
| 76 | 6" FLEXIBLE BASE COURSE TYPE A GRADE 1-2 | -39.00 | SY | \$ 22.75 | \$ (887.25) | |
| 77 | DENSE GRADED HOT MIX ASPHALT TYPE B PG 64- | -146.61 | TON | \$ 183.00 | \$ (26,829.63) | |
| 78 | 17" CONCRETE PAVEMENT | -69.00 | SY | \$ 214.00 | \$ (14,766.00) | |
| 82 | SEEDING INCLUDING VEGETATIVE WATERING | -72.00 | SY | \$ 6.25 | \$ (450.00) | |
| 84 | TOPSOIL (FURNISH FROM OFF THE SITE) | -20.00 | CY | \$ 48.00 | \$ (960.00) | |

| ADDITIVE ALTERNATE 3 | | | | | | |
|-----------------------|---|---------|-----|----------------|----------------|--------------|
| 87 | INSTALLATION AND REMOVAL OF SILT FENCE | -107.00 | LF | \$ 8.75 | \$ (936.25) | |
| 90 | REMOVE ASPHALT PAVEMENT, FULL DEPTH | -73.00 | SY | \$ 26.00 | \$ (1,898.00) | |
| 91 | UNCLASSIFIED EXCAVATION | -143.00 | CY | \$ 29.50 | \$ (4,218.50) | |
| 92 | 6" FLEXIBLE BASE COURSE TYPE A GRADE 1-2 (COMPLETE IN PLACE) | -73.00 | SY | \$ 22.75 | \$ (1,660.75) | |
| 93 | DENSE GRADED HOT MIX ASPHALT TYPE B PG 64- | -145.45 | TON | \$ 183.00 | \$ (26,617.35) | |
| 94 | 17" CONCRETE PAVEMENT | -59.00 | SY | \$ 214.00 | \$ (12,626.00) | |
| ADDITIVE ALTERNATE 4 | | | | | | |
| 98 | UNCLASSIFIED EXCAVATION | -10.00 | CY | \$ 29.50 | \$ (295.00) | |
| 100 | 6" FLEXIBLE BASE COURSE TYPE A GRADE 1-2 | -177.00 | SY | \$ 22.75 | \$ (4,026.75) | |
| 103 | 12" SUBBASE COURSE | -145.00 | CY | \$ 136.00 | \$ (19,720.00) | |
| 104 | 12" CONCRETE PAVEMENT | -152.00 | SY | \$ 154.00 | \$ (23,408.00) | |
| 106 | CLSM ENCASED ELECTRICAL CONDUIT, 1-WAY, 2-INCH SCHEDULE 40 PVC, IN NEW CONCRETE | -96.00 | EA | \$ 30.10 | \$ (2,889.60) | |
| ADDITIONAL QUANTITIES | | | | | | |
| 109 | OUTBOUND DESTINATION SIGNS MODIFICATIONS | 1.00 | EA | \$ 8,433.81 | | \$ 8,433.81 |
| 110 | AIRFIELD PAVEMENT MARKING (BLACK) | 1289.00 | SF | \$ 9.90 | | \$ 12,761.10 |
| 111 | AIRFIELD PAVEMENT MARKING (YELLOW) | 205.00 | SF | \$ 11.70 | | \$ 2,398.50 |
| 112 | PAVEMENT MARKING REMOVAL | 2689.00 | SF | \$ 10.50 | | \$ 28,234.50 |
| 115 | L-861T(L) TAXIWAY EDGE LIGHT, ON L-867B BASE CAN, IN NEW CONCRETE SHOULDER | 2.00 | EA | \$ 3,490.00 | | \$ 6,980.00 |
| 116 | P501 CRACK REPAIR REDUCTION | 1.00 | LS | \$ (34,778.60) | \$ (34,778.60) | |

Original Contract: \$ 9,629,230.00

Total Decrease: \$ (477,546.57)

Original Contract Time: 450 Calendar Days

Total Increase: \$ 58,807.91

Net Change: \$ (418,738.66)

JUSTIFICATION:

Deductions for quantities in place.

Additional quantities include:

Modifications for sign installed on Taxiways H1 and H2 per FAA inspector comment. See attached ESI 5 for more information on signage changes and attached Contractor's breakdown of costs.

Restriping for Taxiways D and H.

Reduction for P-501 concrete panel repairs.

Contract price including previous Change Orders \$ 9,181,726.60

Contract time including previous Change Orders 450 Calendar Days

Net increase/decrease resulting from this Change Order \$ (418,738.66)

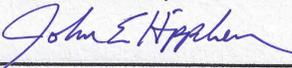
Net increase/decrease resulting from this Change Order 60 Calendar Days

Current contract price including this Change Order \$ 8,762,987.94

Current contract time including this Change Order 510 Calendar Days

Recommended by:

Accepted by:

 2/19/2025

 2/19/25

John Hippchen, P.E. Date
RS&H, Inc

Miguel A. Ramos Date
REIM Construction

Recommended by:

Approved by:

Ramon E. Chavez, P.E. Date
City Engineer

Joseph Neeb Date
City Manager

Approved as to form:

Attest:

Doanh "Zone" T. Nguyen Date
City Attorney

Mario Maldonado, Jr. Date
City Secretary

Standard Signs, Inc.
9115 Freeway Drive
Macedonia, OH 44056
(800) 258-1997

LUMACURVE
AIRFIELD SIGNS

Made in the USA



QUOTE #: LRD-22-0720
 AIRPORT: Laredo International Airport, TX
 DATE: 8/9/2024
 QUOTED BY: Dave Benson
 REFERENCE: Replacement Sign Panels (signs 5 & 9)

| <u>LINE</u> | <u>QTY</u> | <u>PART NUMBER/DESCRIPTION</u> | <u>UNIT PRICE</u> | <u>EXTENSION</u> |
|-------------|------------|--|-------------------|------------------|
| 1 | | Size 2 Replacement Panels | | |
| | | Sign #: 5 (a&b) | | |
| | 5 | MCLT-5YRP: LUMACURVE ® Reflective Legend Panels, Size 2, Directional | \$ 307.52 | \$ 1,537.60 |
| | | Sign #: 9 (a&b) | | |
| | 5 | MCLT-5YRP: LUMACURVE ® Reflective Legend Panels, Size 2, Directional | \$ 307.52 | \$ 1,537.60 |
| | | TOTAL = | | \$ 3,075.19 |

EXCEPTIONS

Quoted per verbal or reproduced specifications provided by customer.

NOTES

INSTALLATION NOT INCLUDED

QUOTATION IS FOR LISTED MATERIALS ONLY.

THIS SALE MAY BE SUBJECT TO STATE SALES TAX.

Please provide a tax exemption certificate or we can provide a tax estimate at your request.

* All panels and parts quoted are Lumacurve original manufacturer's equipment.
 Use of 3rd party (non OEM) panels or parts is not FAA certified for use in Lumacurve signs.
 Call (330) 467-2030 with questions or Consult the FAA website for a current listing of FAA Certified Equipment:
http://www.faa.gov/airports_airtraffic/airports/resources/advisory_circulars/

TERMS:

PAYMENT: NET 30 DAYS (w/ approved credit)
FREIGHT: Prepaid & Added for orders < \$3500.
 Allowed for orders > \$3500.
 Pricing is for (1) purchase consigned to (1) location within the contiguous 48 US states.
DELIVERY: Standard Lead-Time is 2-3 weeks* after receipt of released purchase order & approved shop drawings.
 *May exceed 10 weeks depending on quantities, product mix, and/or special requirements.

VALID FOR 30 DAYS

PROPOSED / ESTIMATE FOR CONTRACT MODIFICATION

DATE: 29-Aug-24

Construct Taxiways H1 & H2 and Taxiway A Reconstruction

CONTRACT TITLE: Taxiway H1 & H2 and Taxiway A

CONTRACT NO:

FY22-ENG-34

DESCRIPTION: Replacement of sign panels

PRIME CONTRACTOR'S WORK

REVISIONS / COMMENTS

| | | | | | | |
|--|-----------------|--------|----|---|----|---|
| 1 Direct Materials | | | \$ | - | | |
| 2 Sales Tax on Materials | 0.0000 x line 1 | 0.00% | \$ | - | | |
| 3 Direct Labor | | | \$ | - | | |
| 4 Insurance, Taxes, and Fringe Benefits | 0.1800 x line 3 | 18.00% | \$ | - | | |
| 5 Rental Equipment | | | \$ | - | | |
| 6 Sales Tax on Rental Equipment | 0.0825 x line 5 | 8.25% | \$ | - | | |
| 7 Equipment Owned and Operating Expenses | | | \$ | - | | |
| 8 SUBTOTAL (add lines 1-7) | | | | | \$ | - |
| 9 Field Overhead | 0.1000 x line 8 | 10.00% | \$ | - | | |
| 10 SUBTOTAL (Add Lines 8 & 9) | | | | | \$ | - |

PRIME REMARKS:

SUB-CONTRACTOR'S WORK

| | | | | | | |
|---|------------------|--------|----|---------|----|----------|
| 11 Direct Materials | | | | \$3,830 | | |
| 12 Sales Tax on Materials | 0.0000 x line 11 | 0.00% | \$ | - | | |
| 13 Direct Labor | | | | \$1,100 | | |
| 14 Insurance, Taxes, and Fringe Benefits | 0.5500 x line 13 | 55.00% | \$ | 605.00 | | |
| 15 Rental Equipment | | | \$ | - | | |
| 16 Sales Tax on Rental Equipment | 0.0000 x line 15 | 0.00% | \$ | - | | |
| 17 Equipment Owned and Operating Expenses | | | | \$550 | | |
| 18 SUBTOTAL (add lines 11-17) | | | | | \$ | 6,085.00 |
| 19 Field Overhead (Per Diem) | 0.0500 x line 18 | 5.00% | \$ | 304.25 | | |
| 20 SUBTOTAL (add lines 18 & 19) | | | | | \$ | 6,389.25 |
| 21 Home Office Overhead | 0.1000 x line 20 | 10.00% | \$ | 638.93 | | |
| 22 Profit | 0.1000 x line 20 | 10.00% | \$ | 638.93 | | |
| 23 SUBTOTAL (Add Lines 20 - 22) | | | | | \$ | 7,667.10 |

SUB'S REMARKS:

SUMMARY

| | | | | | | |
|--|-----------|-------|--|-----------|--|------------|
| 24 Prime Contractor's Work (from line 10) | | | | \$0.00 | | |
| 25 Sub-Contractor's Work (from line 23) | | | | \$7667.10 | | |
| 26 SUBTOTAL (add lines 24 & 25) | | | | | | \$0.00 |
| 27 Prime Overhead on Sub-Contractor | x line 25 | 5.00% | | 0.00 | | |
| 28 Prime's Home Office Overhead | x line 24 | 2.00% | | \$153.04 | | |
| 29 Prime's Profit | x line 26 | 8.00% | | \$613.67 | | |
| 30 SUBTOTAL (add lines 26 - 29) | | | | | | \$0.00 |
| 31 Prime Contractor's Bond Premium | x line 30 | 0.35% | | \$0.00 | | |
| 32 TOTAL COST (Add Lines 30 & 31) | | | | | | \$8,433.81 |

ESTIMATED TIME EXTENSION AND JUSTIFICATION

PRIME CONTRACTOR'S NAME: REIM Construction

Approved By: _____

SUB-CONTRACTOR'S NAME: F and W Electrical Contractors

Signature

Date

SIGNATURE & TITLE OF PREPARER:

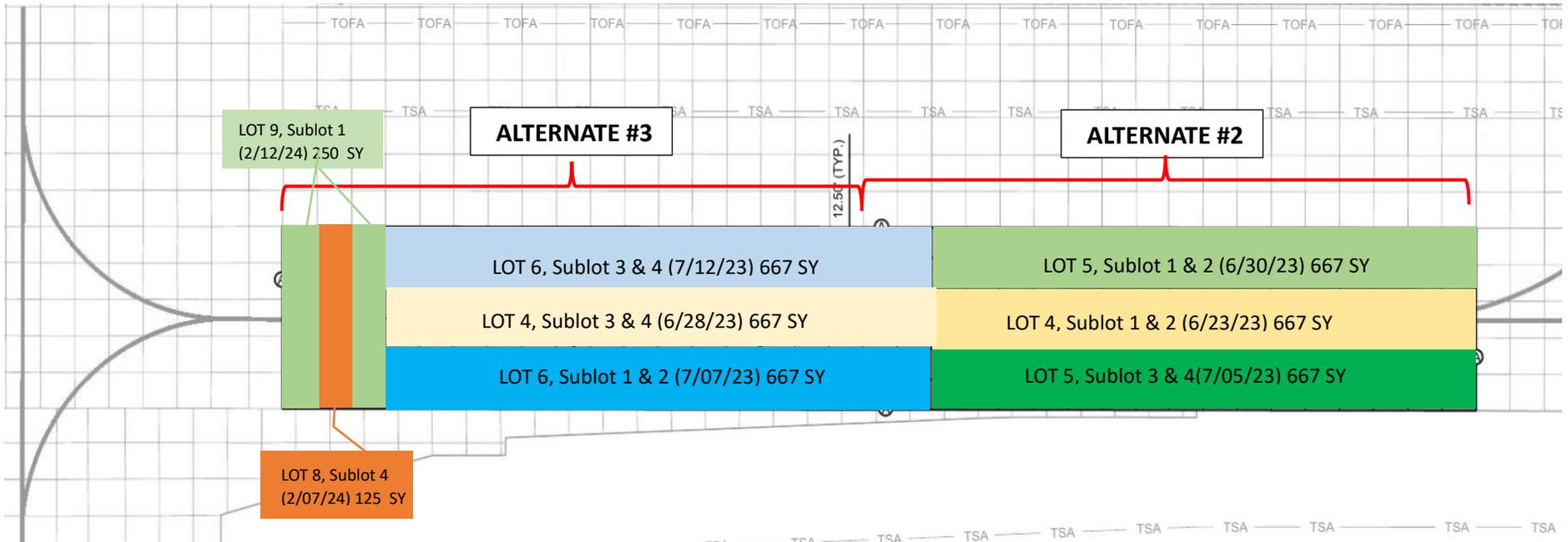
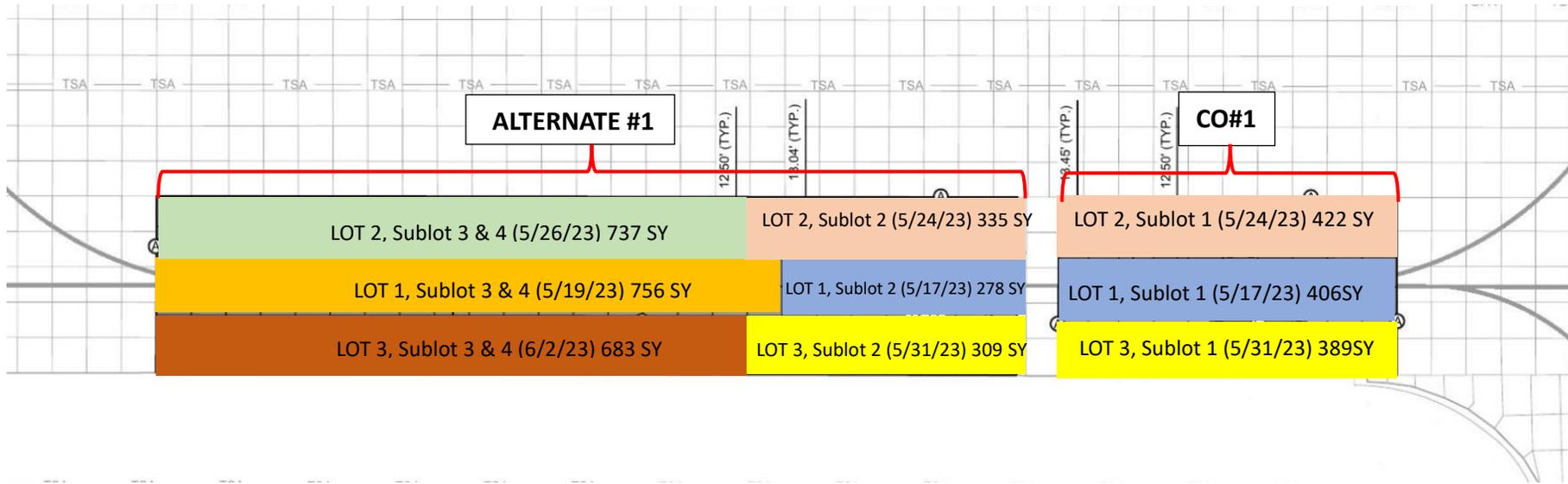
"FOR OFFICIAL USE ONLY"

BREAK DOWN OF DIRECT COST

| # | ITEMS OF WORK FOR PRIME CONTRACTOR | QTY | UNIT | MATERIAL | | LABOR | | R O | EQUIPMENT | | | ITEM TOTAL |
|----------------------------------|---------------------------------------|-----|------|----------|----------|---------|----------|--------|-----------|--------------|-------|---------------|
| | | | | UNIT \$ | TOTAL \$ | UNIT \$ | TOTAL \$ | | DAYS | RATE | TOTAL | |
| 1 | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | |
| DIRECT PRIME CONTRACTOR'S TOTALS | | | | | | \$0 | \$0 | | | Total Rented | 0 | |
| | | | | | | | | | | Total Owned | \$0 | |
| | | | | | | | | | | DPC TOTAL: | | \$0 |

| ITEM # | ITEMS OF WORK FOR SUB-CONTRACTOR | QTY | UNIT | MATERIAL | | LABOR | | R O | EQUIPMENT | | | ITEM TOTAL |
|--------------------------------|--|-----|------|----------|----------|----------|----------|--------|-----------|--------------|---------|---------------|
| | | | | UNIT \$ | TOTAL \$ | UNIT \$ | TOTAL \$ | | DAYS | RATE | TOTAL | |
| 1 | Mobilization | 1 | LS | \$50.00 | \$50 | \$500.00 | \$500 | | | \$400.00 | \$400.0 | \$950 |
| 2 | Size 2 Directional Panel | 10 | EA | \$308.00 | \$3,080 | \$0.00 | \$0 | | | \$0.00 | \$0.0 | \$3,080 |
| 3 | Reposition 3 module and 2 module signs | 2 | EA | \$100.00 | \$200 | \$300.00 | \$600 | | | \$75.00 | \$150.0 | \$950 |
| 4 | Freight for panels | 1 | LS | \$500.00 | \$500 | \$0.00 | \$0 | | | \$0.00 | \$0.0 | \$500 |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | |
| DIRECT SUB-CONTRACTOR'S TOTALS | | | | | | \$3,830 | \$1,100 | | | Total Rented | | |
| | | | | | | | | | | Total Owned | \$550 | |
| | | | | | | | | | | DSC TOTAL: | | \$5,480 |

LAREDO INTERNATIONAL AIRPORT LAYOUT CONCRETE PLAN





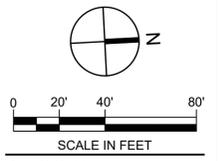
- X Panels Damaged (Cracks)
- Spall
- Deficiencies

LEGEND

- ISOLATION JOINT TYPE "A"
- CONTRACTION JOINT TYPE "C" DOWELED
- CONSTRUCTION JOINT TYPE "E" DOWELED
- BUTT JOINT TYPE "F"
- ISOLATION JOINT WITHOUT THICKENED EDGE
- REINFORCED CONCRETE SLAB
- ROFA
- RSA
- TOFA
- TSA
- PROPOSED CONCRETE TAXIWAY PAVEMENT
- PROPOSED SHOULDER PAVEMENT

NOTES

1. SEE CJ500 SERIES SHEETS FOR PAVEMENT JOINT DETAILS.
2. SEE CP500 SERIES SHEETS FOR PAVEMENT SECTIONS.
3. ALL JOINTS ARE DOWELED CONSTRUCTION JOINTS OR DOWELED CONTRACTION JOINTS UNLESS OTHERWISE NOTED.
4. UNLESS OTHERWISE NOTED, PROPOSED PCC JOINT LOCATIONS SHOULD MATCH EXISTING JOINT LOCATIONS AT TIE-INS. IN CASE OF DISCREPANCY, NOTIFY THE RPR PRIOR TO PLACING CONCRETE.
5. TYPE "E" DOWELED CONSTRUCTION JOINTS MUST BE USED FOR ALL LONGITUDINAL AND TRANSVERSE JOINTS WHEN CONSTRUCTION IS DELAYED OR STOPPED REGARDLESS OF WHAT IS SHOWN IN THE DRAWINGS. CONFIRM REQUIRED JOINT TYPE WITH THE RPR.
6. REFER TO SHEET EP101 AND EP102 FOR TAXIWAY LIGHT BLOCK OUT LOCATIONS.
7. IF BID ALTERNATE 4 IS AWARDED, THIS SHEET REPLACES SHEET CJ101. IF BID ALTERNATE 4 IS NOT AWARDED, THIS SHEET IS REMOVED FROM THE CONTRACT.



REVISIONS

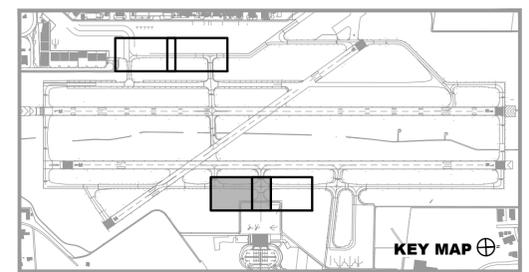
| NO. | DESCRIPTION | DATE |
|-----|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

DATE ISSUED: 02-24-2023
 REVIEWED BY: JEH
 DRAWN BY: RET
 DESIGNED BY: ALL
 RS&H PROJECT NUMBER
 1023-0081-000

SHEET TITLE
JOINT LAYOUT PLAN - TAXIWAY H2 (ALTERNATE)

SHEET NUMBER
CJ101A

CONFORMED DOCUMENTS

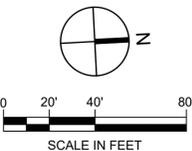


FILE PATH: C:\pwworking\rsandh\user\038477
 FILE NAME: CJ101.dwg
 PLOT DATE: 02/28/2023 4:17:52 PM Plotter: Bentley



X Panels Damaged (Cracks)

● Spall



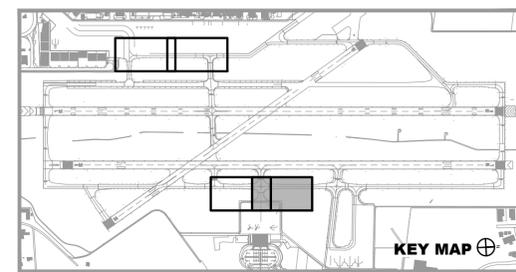
| REVISIONS | | |
|-----------|-------------|------|
| NO. | DESCRIPTION | DATE |
| | | |
| | | |
| | | |
| | | |
| | | |

DATE ISSUED: 02-24-2023
REVIEWED BY: JEH
DRAWN BY: RET
DESIGNED BY: ALL
RS&H PROJECT NUMBER
1023-0081-000

SHEET TITLE
JOINT LAYOUT PLAN - TAXIWAY H1 (ALTERNATE)

SHEET NUMBER
CJ102A

CONFORMED DOCUMENTS

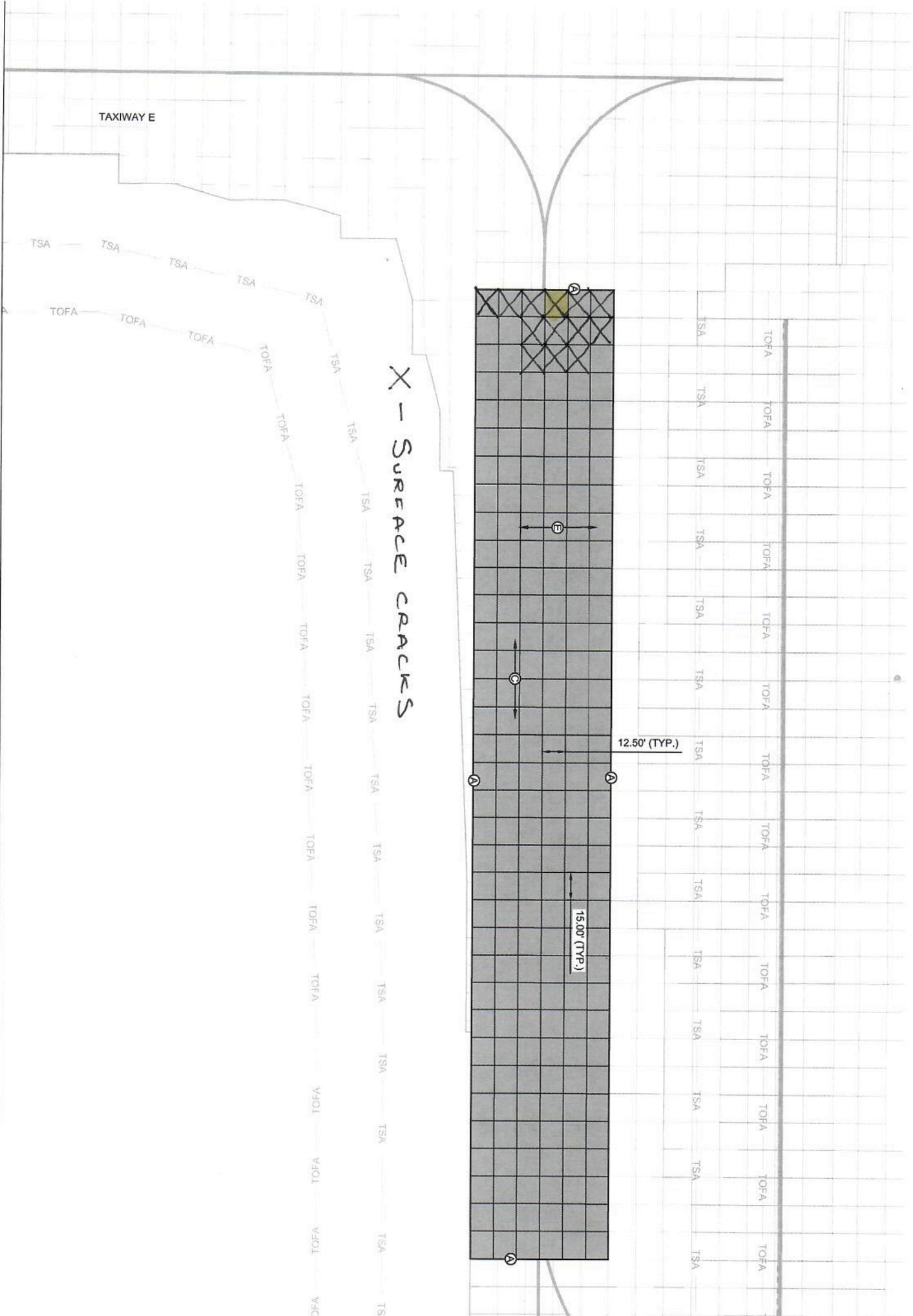


LEGEND

- ISOLATION JOINT TYPE "A"
- CONTRACTION JOINT TYPE "C" DOWELED
- CONSTRUCTION JOINT TYPE "E" DOWELED
- BUTT JOINT TYPE "F"
- ISOLATION JOINT WITHOUT THICKENED EDGE
- REINFORCED CONCRETE SLAB
- ROFA
- RSA
- TOFA
- TSA
- PROPOSED CONCRETE TAXIWAY PAVEMENT
- PROPOSED SHOULDER PAVEMENT

NOTES

- SEE CJ500 SERIES SHEETS FOR PAVEMENT JOINT DETAILS.
- SEE CP500 SERIES SHEETS FOR PAVEMENT SECTIONS.
- ALL JOINTS ARE DOWELED CONSTRUCTION JOINTS OR DOWELED CONTRACTION JOINTS UNLESS OTHERWISE NOTED.
- UNLESS OTHERWISE NOTED, PROPOSED PCC JOINT LOCATIONS SHOULD MATCH EXISTING JOINT LOCATIONS AT TIE-INS. IN CASE OF DISCREPANCY, NOTIFY THE RPR PRIOR TO PLACING CONCRETE.
- TYPE "E" DOWELED CONSTRUCTION JOINTS MUST BE USED FOR ALL LONGITUDINAL AND TRANSVERSE JOINTS WHEN CONSTRUCTION IS DELAYED OR STOPPED REGARDLESS OF WHAT IS SHOWN IN THE DRAWINGS. CONFIRM REQUIRED JOINT TYPE WITH THE RPR.
- REFER TO SHEET EP101 AND EP102 FOR TAXIWAY LIGHT BLOCK OUT LOCATIONS.
- IF BID ALTERNATE 4 IS AWARDED, THIS SHEET REPLACES SHEET CJ102. IF BID ALTERNATE 4 IS NOT AWARDED, THIS SHEET IS REMOVED FROM THE CONTRACT.



X - SURFACE CRACKS

NOTES

1. SEE C1500 SERIES SHEETS FOR PAVEMENT JOINT DETAILS.
2. SEE CP500 SERIES SHEETS FOR PAVEMENT SECTIONS.

TAXIWAY MAINLINE REDUCTIONS

A

| Lot | Sublot | Panels | Repair Panels | Repair % | Reduction by 5% | Pay Factor | Area | Revised Area | Unit Price | Payment | Reduction |
|-----|--------|--------|---------------|----------|-----------------|------------|------|--------------|------------|----------|-----------|
| 8 | 4 | 6 | 4 | 66.67% | Yes | 0.95 | 125 | 118.75 | 185 | 21968.75 | 1156.25 |
| 9 | 1 | 12 | 9 | 75.00% | Yes | 0.95 | 250 | 237.5 | 185 | 43937.5 | 2312.5 |

\$ 3,468.75

H1

| Lot | Sublot | Panels | Repair Panels | Repair % | Reduction by 5% | Pay Factor | Area | Revised Area | Unit Price | Payment | Reduction |
|-----|--------|--------|---------------|----------|-----------------|------------|------|--------------|------------|--------------|-------------|
| 6 | 3 | 6 | 3 | 50.00% | Yes | 0.95 | 425 | 403.75 | 185 | \$ 74,693.75 | \$ 3,931.25 |
| 6 | 4 | 7 | 1 | 14.29% | No | | | | | | |
| 7 | 1 | 7 | 1 | 14.29% | No | | | | | | |
| 7 | 2 | 7 | 1 | 14.29% | No | | | | | | |
| 7 | 4 | 7 | 1 | 14.29% | No | | | | | | |
| 8 | 1 | 7 | 3 | 42.86% | Yes | 0.95 | 187 | 177.65 | 185 | \$ 32,865.25 | \$ 1,729.75 |
| 10 | 4 | 5 | 2 | 40.00% | Yes | 0.95 | 125 | 118.75 | 185 | \$ 21,968.75 | \$ 1,156.25 |
| 12 | 2 | 5 | 2 | 40.00% | Yes | 0.95 | 125 | 118.75 | 185 | \$ 21,968.75 | \$ 1,156.25 |
| 12 | 3 | 5 | 3 | 60.00% | Yes | 0.95 | 125 | 118.75 | 185 | \$ 21,968.75 | \$ 1,156.25 |
| 10 | 1 | 12 | 5 | 41.67% | Yes | 0.95 | 215 | 204.25 | 185 | \$ 37,786.25 | \$ 1,988.75 |

\$ 11,118.50

H2

| Lot | Sublot | Panels | Repair Panels | Repair % | Reduction by 5% | Pay Factor | Area | Revised Area | Unit Price | Payment | Reduction |
|-----|--------|--------|---------------|----------|-----------------|------------|------|--------------|------------|--------------|-------------|
| 3 | 4 | 12 | 2 | 16.67% | No | | | | | | |
| 4 | 2 | 12 | 3 | 25.00% | Yes | 0.95 | 300 | 285 | 185 | \$ 52,725.00 | \$ 2,775.00 |
| 5 | 2 | 12 | 1 | 8.33% | No | | | | | | |
| 5 | 3 | 9 | 2 | 22.22% | Yes | 0.95 | 230 | 218.5 | 185 | \$ 40,422.50 | \$ 2,127.50 |
| 3 | 3 | 12 | 1 | 8.33% | No | | | | | | |

\$ 4,902.50

Total \$ 19,489.75

TAXIWAY SHOULDER REDUCTIONS

H1

| Lot | Sublot | Panels | Repair Panels | Repair % | Reduction by 5% | Pay Factor | Area (SY) | Revised Area | Unit Price | Payment | Reduction |
|-----|--------|--------|---------------|----------|-----------------|------------|-----------|--------------|------------|--------------|-------------|
| 6 | 2 | 6 | 2 | 33.33% | Yes | 0.95 | 145 | 137.75 | 185 | \$ 25,483.75 | \$ 1,341.25 |
| 7 | 2 | 9 | 4 | 44.44% | Yes | 0.95 | 211 | 200.45 | 185 | \$ 37,083.25 | \$ 1,951.75 |
| 7 | 4 | 8 | 1 | 12.50% | No | | | | | | |
| 10 | 1 | 12 | 5 | 41.67% | Yes | 0.95 | 215 | 204.25 | 185 | \$ 37,786.25 | \$ 1,988.75 |
| 11 | 2 | 12 | 9 | 75.00% | Yes | 0.95 | 299 | 284.05 | 186 | \$ 52,833.30 | \$ 2,780.70 |
| 11 | 3 | 12 | 5 | 41.67% | Yes | 0.95 | 299 | 284.05 | 187 | \$ 53,117.35 | \$ 2,795.65 |

\$ 10,858.10

H2

| Lot | Sublot | Panels | Repair Panels | Repair % | Reduction by 5% | Pay Factor | Area | Revised Area | Unit Price | Payment | Reduction |
|-----|--------|--------|---------------|----------|-----------------|------------|------|--------------|------------|--------------|-------------|
| 1 | 1 | 14 | 1 | 7.14% | No | | | | | | |
| 1 | 4 | 10 | 1 | 10.00% | No | | | | | | |
| 2 | 4 | 5 | 0.25 | 5.00% | No | | | | | | |
| 3 | 1 | 20 | 6 | 30.00% | Yes | 0.95 | 479 | 455.05 | 185 | \$ 84,184.25 | \$ 4,430.75 |
| 3 | 2 | 20 | 2 | 10.00% | No | | | | | | |
| 2 | 3 | 15 | 1 | 6.67% | No | | | | | | |
| 4 | 1 | 16 | 2 | 12.50% | No | | | | | | |

\$ 4,430.75

Total \$ 15,288.85