

ADDENDUM NO. 1
FOR
TKI TAXIWAY A REHABILITATION PHASE II
26-46ITB

ISSUED
April 20, 2026



CITY OF MCKINNEY CONTACT

Erika Roberts
Contracts & Construction Supervisor
401 E. Virginia Street
McKinney, Texas 75069
eroberts1@mckinneytexas.org

The City of McKinney exclusively uses [Bonfire](#) for the notification and dissemination of all solicitations. The receipt of solicitations through any other means may result in your receipt of incomplete specifications and/or addendums which could ultimately render your bid non-compliant. The City of McKinney accepts no responsibility for the receipt and/or notification of solicitations through any other means.

RECEIPT OF ADDENDUM NO. 1 MUST BE ACKNOWLEDGED IN SUBMITTAL

ADDENDUM NO. 1

TKI TAXIWAY A REHABILITATION PHASE II 26-46ITB

This Addendum is hereby made a part of the Invitation to Bid documents to the same extent as if it were originally included therein. The following clarifications shall be made to the Invitation to Bid and shall become a part of, and attached to, the Invitation to Bid documents.

This addendum is issued in response to questions received from prospective Respondents and to provide updated documents. Failure to acknowledge the addendum may result in your submission being considered non-responsive.

Modifications to Bid Documents:

1. The following revisions were made to Bid Schedule (Table BT-59KN):
 - a. Item 29- 18inch Reinforced Concrete Pipe (Class III) was added with a quantity of 8 LF
 - b. Item 44- Sign Panel Replacement quantity was updated to 8 EA
 - c. Item 54- Reinforced Concrete Pipe Removal quantity was updated to 49 LF
2. The following revisions were made to the Construction Plans:
 - a. Replace the existing sheets "CD-102-CD104" with revised sheets "CD-102-CD-104" for updated graphics.
 - b. Replace the existing sheet "EL-103A" with revised sheet "EL-103A" for revised sign call out.
 - c. Replace the existing sheet "EL-505" with revised "EL-505" for revised sign index and sign panel replacement index.
3. Volume II- Technical Specifications
 - a. Added item for D-701 Pipe for Storm Drains and Culverts.

Questions and Answers:

1. Plans show: Phase I: 115 calendar days, Phase 2: 115 calendar days and Phase 3: 85 calendar days. Pre bid meeting agenda calls for Phase I: 115 calendar, Phase 2: 125 calendar days and Phase 3: 85 days. Please clarify.

Answer: *Phase I: 115 calendar days, Phase 2: 115 calendar days, Phase 3: 85 calendar days*

2. Pre bid meeting agenda shows bid date Thursday, April 23, 2026, at 2:00PM. Bonfire site shows Thursday, April 30, 2026, at 2:00PM. Please clarify.

Answer: *The submittal opening is Thursday, April 30, 2026, at 2:00 PM CST.*

3. Sign schedule shows ten 3-module signs; Bid schedule shows only nine 3- module signs. Sign #6, which appears on the sign schedule, does not appear in the electrical layout.

Answer: *The quantity for 3-module signs is nine, and quantity for 2-module signs is one. The quantity for sign panel replacement is eight, Sign #6 is sign panel replacement.*

ADDENDUM NO. 1

4. Who is the replacement panels OEM?

Answer: *Lumacurve*

5. I can't locate a bid schedule or summary of quantities anywhere in the documents. Where do I find it?

Answer: *The bid schedule is located under submittal requirements. The file name is Pricing (BT-59KN).*

6. What is the access route for Phase 1?

Answer: *Fuel Farm Access Gate*

7. Sheet 37 shows installation of 18" Reinforce Concrete Pipe but there is no bid item for it, how will it be paid out?

Answer: *Demolition of the pipe will be paid out under Bid Schedule II, P-101-5.4 Reinforce Concrete Pipe Removal. Installation will be paid out under Bid Schedule I, D-701-5.2*

8. Graphics are missing from the demolition sheets, please provide updated sheets.

Answer: *Updated sheets provided*

9. What is the DBE Goal?

Answer: *There is no DBE goal, it is for record only but must be submitted.*

END OF ADDENDUM NO. 1



3000 Internet Blvd
Suite 400
Frisco, TX 75034
TEL 972.377.7480
FAX 972.377.8380
www.GarverUSA.com

McKinney National Airport (TKI) Taxiway A Rehabilitation Phase II BID NO 26-461TB Pre-Bid Meeting Minutes

1:00pm April 14, 2026

1) Bidding Procedures

- a) Bids will be accepted electronically via City of McKinney's procurement portal ("Bonfire") or sealed bids will be accepted at the City of McKinney City Hall, 401 E. Virginia Street, McKinney, Texas 75069. Hard Copy Submissions are to be addressed to the Procurement Services Manager and shall be marked "**SEALED BID – TAXIWAY A REHABILITATION PHASE II, BID NO 26-461TB**".
- b) Bids will be received until **2:00pm, Thursday April 30, 2026**, then publicly opened and read.
 - i. Any bids received after closing time will be returned unopened.
 - ii. The Bid Opening for this project will be held in virtually.
- c) Technical questions concerning the specifications and plans should be uploaded onto the McKinney Bonfire portal at <https://mckinneytexas.bonfirehub.com/opportunities/228107>
- d) The deadline for questions is **2:00pm on Friday April 17, 2026**. Answers will be provided by **5:00pm on Tuesday, April 21, 2026**.
- e) Site visit will be conducted on Tuesday, April 14, 2026, immediately following the pre-submittal conference. Bidders will meet at the McKinney Airport FBO Building at 1508 Industrial Blvd. McKinney TX 75069

2) Instructions to Bidders

- a) Required Documents
 - (1) Contractor Status Information;
 - (2) Out of State Contractor Compliance to State Law (If Applicable);
 - (3) Statement of Bidding Contractor's Qualifications and Experience;
 - (4) Statement of Subcontractor's Qualifications and Experience;
 - (5) Safety Record Questionnaire & Statement of Bidder's Safety Experience;
 - (6) Bid Proposal;
 - (7) Bid Schedules (Tables 1-4);
 - (8) Bid Bond (in the form attached to Volume I); and
 - (9) DBE Participation Plan
- b) Bidder Qualifications
 - i. The Contractor shall include the bidder's qualifications within five (5) business days after Bid Opening
- c) Bid Proposal
 - i. Contract Time: **315** Calendar Days
 - a. Phase 1 (Twy A between Twy B4 and A4): 115 Calendar Days
 - b. Phase 1A (Taxilane A4 Widening and Extension): 30 Calendar Days
 - c. Phase 1B (Taxilane Connector): 5 Calendar Days
 - d. Phase 2 (Twy A between CCHOA South and Twy A4, Twy A4 connector): 125 Calendar Days
 - e. Phase 2A (Taxilane Connector): 5 Calendar Days

- f. Phase 3 (Twy A south of CCHOA South): 85 Calendar Days
- ii. Liquidated Damages will be assessed per Phase as outlined in FAA General Provisions 80-08
- iii. All addendums need to be acknowledged on the Bid Proposal. Addendums will be posted online through City of McKinney Bonfire portal.

3) General Provisions and Special Provisions

- a) General Provisions followed are adopted by the City of McKinney through the North Central Texas Council of Governments (NCTCOG) Fifth Edition (2017) of the Public Works Construction Standards – North Central Texas.
- b) See FAA Special Provisions Section C-14 for the Coordination of Contract, Plans, and Specification documents regarding the Order of Precedence that shall be followed

4) Construction Plans and Specifications

- a) The attached exhibits were discussed during the Pre-Bid meeting

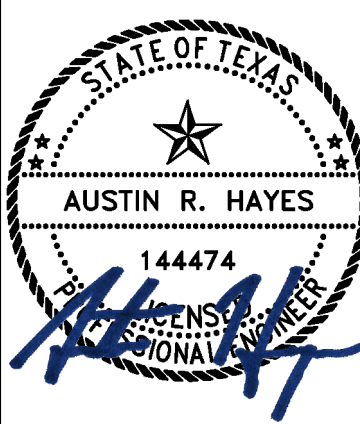
5) Questions

- a) What is the access route for Phase I?
 - i. Access for Phase I will be through the fuel farm gate
- b) Graphics are missing on the demolition sheets, please provide the updated sheets.
 - i. Updated sheets will be provided.
- c) Sheet 37 shows installation of 18" Reinforced Concrete Pipe but there is no bid item for it, how will it be paid out?
 - i. Demolition of the pipe will be paid out under Bid Schedule II, P-101-5.4 Reinforced Concrete Pipe Removal. Installation will be paid out under Bid Schedule I, D-701-5.2
- d) What is the DBE goal?
 - i. There is not DBE goal, it is for record only but will still need to be submitted.

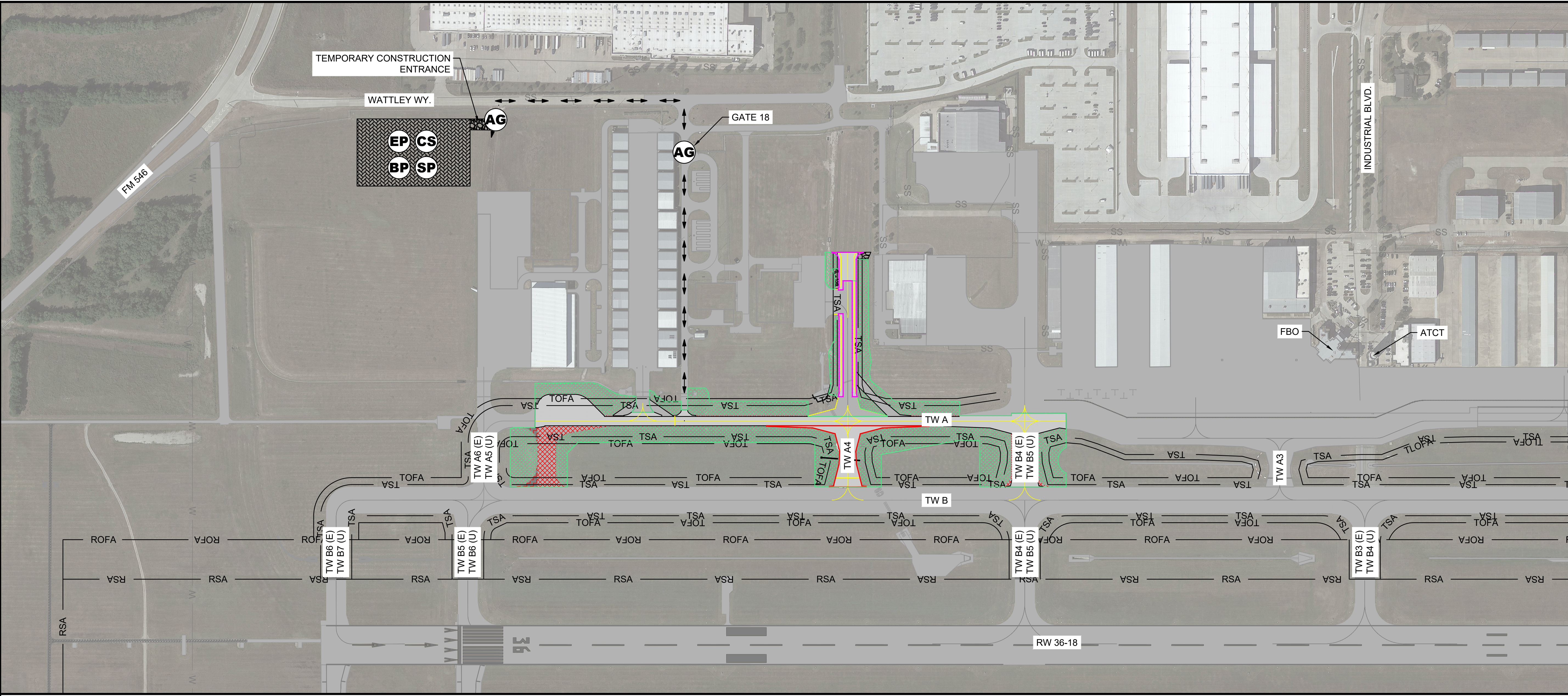


© 2025 GARVER, LLC
 THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

REGISTRATION NO. F-5713



Digitally Signed 3/20/2026



REV.	DATE	DESCRIPTION

LEGEND

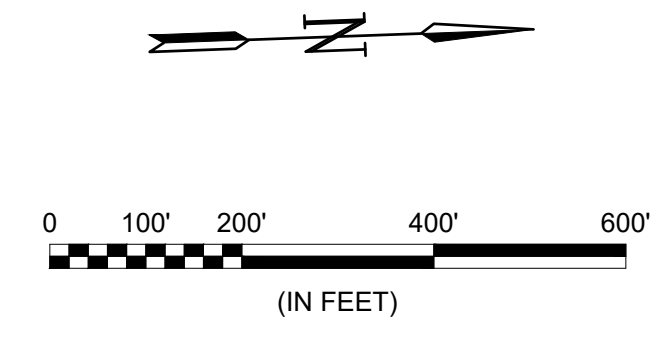
- EXISTING CONCRETE PAVEMENT
- PROPOSED CONCRETE PAVEMENT
- BID SCHEDULE 2: TAXIWAY A4 CONNECTOR
- BID SCHEDULE 3: TAXILANE A4 WIDENING AND EXTENSION
- ASPHALT PAVEMENT REMOVAL
- CONCRETE PAVEMENT REMOVAL
- TSA TAXIWAY SAFETY AREA
- TOFA TAXIWAY OBJECT FREE AREA
- RSA RUNWAY SAFETY AREA
- ROFA RUNWAY OBJECT FREE AREA
- CS** CONTRACTOR STAGING AREA
- SP** CONSTRUCTION MATERIAL STOCKPILE LOCATION
- EP** EMPLOYEE PARKING LOCATION
- BP** BATCH PLANT LOCATION
- AG** ACCESS GATE
- CONTRACTOR HAUL ROUTE
- PROPOSED GRADING LIMITS

ITEMS OF WORK

BID SCHEDULE 1: PERFORM EARTHWORK, PERFORM TAXIWAY A5 DEMOLITION, CONSTRUCT TAXIWAY A AND B5 PAVEMENT SECTIONS, INSTALL ELECTRICAL IMPROVEMENTS, INSTALL DRAINAGE IMPROVEMENTS, PERFORM RESTORATION, AND INSTALL PAVEMENT MARKINGS.

BID SCHEDULE 2: PERFORM EARTHWORK, PERFORM DEMOLITION, CONSTRUCT TAXIWAY A4 PAVEMENT SECTION, INSTALL ELECTRICAL IMPROVEMENTS, INSTALL DRAINAGE IMPROVEMENTS, PERFORM RESTORATION, AND INSTALL PAVEMENT MARKINGS.

BID SCHEDULE 3: PERFORM EARTHWORK, PERFORM DEMOLITION, CONSTRUCT TAXILANE A4 EXTENSION AND WIDENING PAVEMENT SECTION, INSTALL ELECTRICAL IMPROVEMENTS, PERFORM RESTORATION, AND INSTALL PAVEMENT MARKINGS.



NOTE:
 1. PRINT NOTE: SHEET SHALL BE PRINTED IN COLOR.

TKI
 MCKINNEY NATIONAL AIRPORT
 MCKINNEY, TX
 TAXIWAY A REHABILITATION PHASE II

PROJECT LAYOUT PLAN

JOB NO.: A11-2402725
 DATE: MAR 2026
 DESIGNED BY: TJM
 DRAWN BY: JAH

BAR IS ONE INCH ON ORIGINAL DRAWING
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
G1101

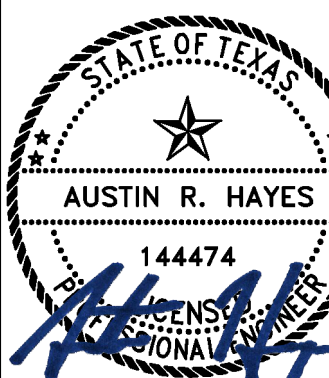
SHEET NUMBER
3

File: I:\2024\11-2402725 - tk taxiway alpha phase in\Drawings\2402725-G1101.dwg Last Save: 3/18/2026 4:47 PM Last saved by: TJMachost
 Last plotted by: Machost, Tyler J. Plot Style: AECmono.ctb Plot Scale: 1:1 Plot Date: 3/20/2026 10:24 AM Plotter used: AutoCAD PDF (General Documentation).prt3

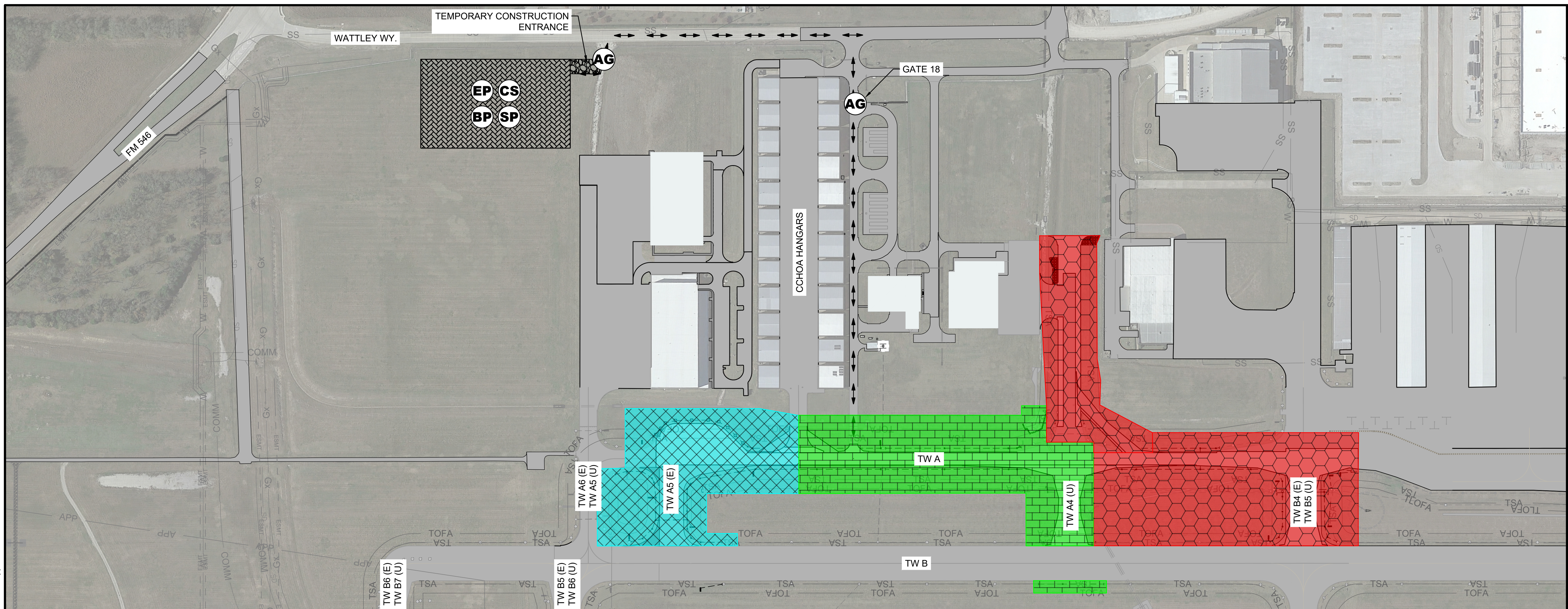


© 2025 GARVER, LLC
 THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

REGISTRATION NO. F-5713



Digitally Signed 3/20/2026



REV.	DATE	DESCRIPTION	BY

McKINNEY NATIONAL AIRPORT
 McKINNEY, TX
 TAXIWAY A REHABILITATION PHASE II

CONSTRUCTION SAFETY AND PHASING PLAN - OVERVIEW

JOB NO.: A11-2402725
 DATE: MAR 2026
 DESIGNED BY: TJM
 DRAWN BY: JAH

BAR IS ONE INCH ON ORIGINAL DRAWING
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
GC100

SHEET NUMBER
8

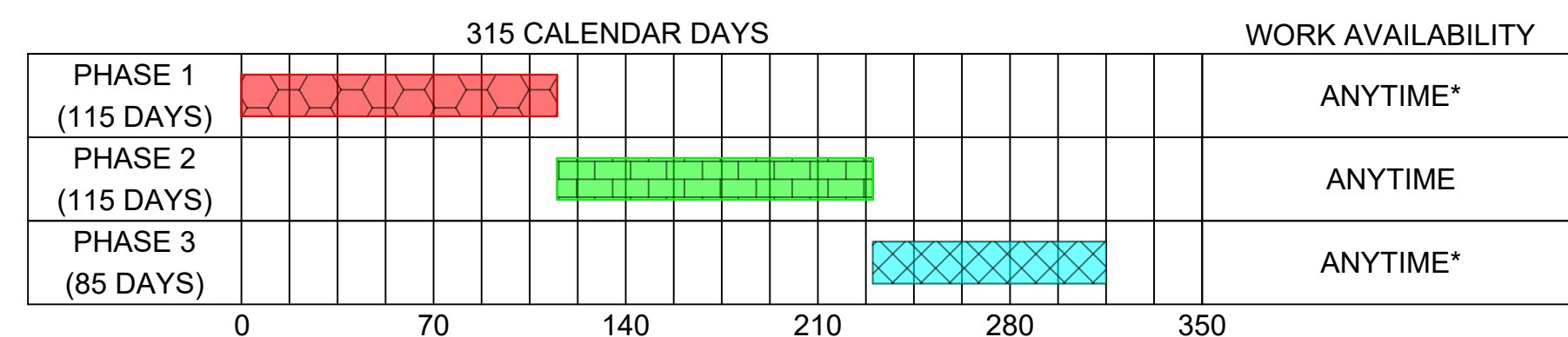
LEGEND

- PHASE 1 WORK AREA
- PHASE 2 WORK AREA
- PHASE 3 WORK AREA
- TSA TAXIWAY SAFETY AREA
- TOFA TAXIWAY OBJECT FREE AREA
- CONTRACTOR STAGING AREA
- CONSTRUCTION MATERIAL STOCKPILE LOCATION
- EMPLOYEE PARKING LOCATION
- BATCH PLANT LOCATION
- ACCESS GATE
- CONTRACTOR HAUL ROUTE

ITEMS OF WORK

- ADJUSTMENT OF TAXIWAY B CENTERLINE, PERFORM DEMOLITION, PERFORM EARTHWORK, CONSTRUCT TAXIWAY B5 (U), TAXILANE A4 WIDENING AND EXTENSION, TAXIWAY A, CONSTRUCT TEMPORARY TAXILANE AND ASPHALT DETOUR PAVEMENT SECTION, INSTALL ELECTRICAL IMPROVEMENTS, DRAINAGE IMPROVEMENTS, AND PAVEMENT MARKINGS.
- PERFORM DEMOLITION, PERFORM EARTHWORK, CONSTRUCT PART OF TAXIWAY A AND TAXIWAY A4 PAVEMENT SECTIONS, CONSTRUCT ASPHALT DETOUR, INSTALL ELECTRICAL IMPROVEMENTS, DRAINAGE IMPROVEMENTS, AND PAVEMENT MARKINGS.
- PERFORM DEMOLITION, PERFORM EARTHWORK, CONSTRUCT TAXIWAY A AND HOLDING APRON PAVEMENT SECTION, INSTALL ELECTRICAL IMPROVEMENTS, DRAINAGE IMPROVEMENTS, PAVEMENT MARKINGS, READJUST TAXIWAY B CENTERLINE TO ORIGINAL POSITION.

CONTRACT TIME



* TAXIWAY B WILL BE CLOSED FOR ONE NIGHT CLOSURE TO TEMPORARILY OFFSET THE TAXIWAY CENTERLINE MARKING. NIGHT CLOSURE SHALL BE FROM 2200 TO 0600 LOCAL TIME AND MUST BE COORDINATED AT LEAST 30 DAYS PRIOR TO CLOSURE WITH AIRPORT OPERATIONS AND ENGINEER.



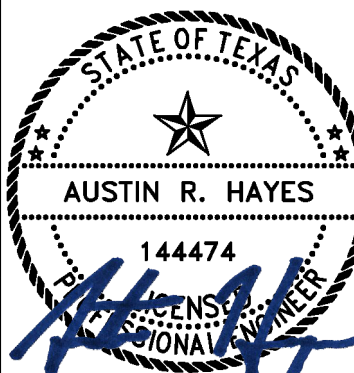
1. PRINT NOTE: SHEET SHALL BE PRINTED IN COLOR.
2. SEE CONSTRUCTION SAFETY AND PHASING NOTES FOR ADDITIONAL INFORMATION.
3. LIGHTED BARRICADES SHOWN ARE FOR GRAPHIC PURPOSES ONLY. THE CONTRACTOR SHALL DETERMINE THE QUANTITY OF LIGHTED BARRICADES REQUIRED TO COMPLETE THE WORK AS SHOWN AND MUST BE IN ACCORDANCE WITH CURRENT FAA ADVISORY CIRCULARS.
4. CONTRACTOR SHALL HAVE AN APPROVED PAVEMENT BROOM OR VACUUM TRUCK AVAILABLE ON SITE AT ALL TIMES. STEEL BRISTLES ARE NOT PERMITTED ON THE AOA. HYDRANTS TO FILL VACUUM TRUCK WILL BE AVAILABLE ON AIRPORT PROPERTY.
5. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING SUFFICIENT LIGHTING TO ADEQUATELY ILLUMINATE THE WORK AREA DURING NIGHTTIME OPERATIONS. PORTABLE LIGHTING SHALL NOT BE ORIENTED IN SUCH A WAY TO CAUSE IMPACT TO AIRPORT OPERATIONS. NIGHTTIME WORK MUST BE APPROVED BY AIRPORT OPERATIONS PRIOR TO WORK TAKING PLACE, INCLUDING A NIGHTTIME LIGHTING LAYOUT APPROVED BY OPERATIONS.
6. IN NO EVENT SHALL CONSTRUCTION VEHICLES, EQUIPMENT, OR MATERIALS BE PARKED/STORED WITHIN 50' OF BARRICADES OR ACTIVE AIRFIELD PAVEMENT.
7. PERIMETER FENCE SHALL BE MAINTAINED AT ALL TIMES. TEMPORARY FENCING SHALL BE INSTALLED AS NECESSARY. METHODS FOR TEMPORARY FENCING SHALL BE APPROVED BY THE ENGINEER. TEMPORARY FENCING SHALL BE CONSIDERED SUBSIDIARY TO CONSTRUCTION SAFETY AND SECURITY.

File: \\2024\at11-2402725 - tk taxiway alpha phase\Drawings\2402725-GC001.dwg, Last Save: 3/18/2026 3:00 PM, Last saved by: T.Machost
 Last plotted by: Machost, Tyler, J. Plot Style: AECmono.ctb Plot Scale: 1:1 Plot Date: 3/20/2026 10:26 AM Plotter used: AutoCAD PDF (General Documentation).ptc3

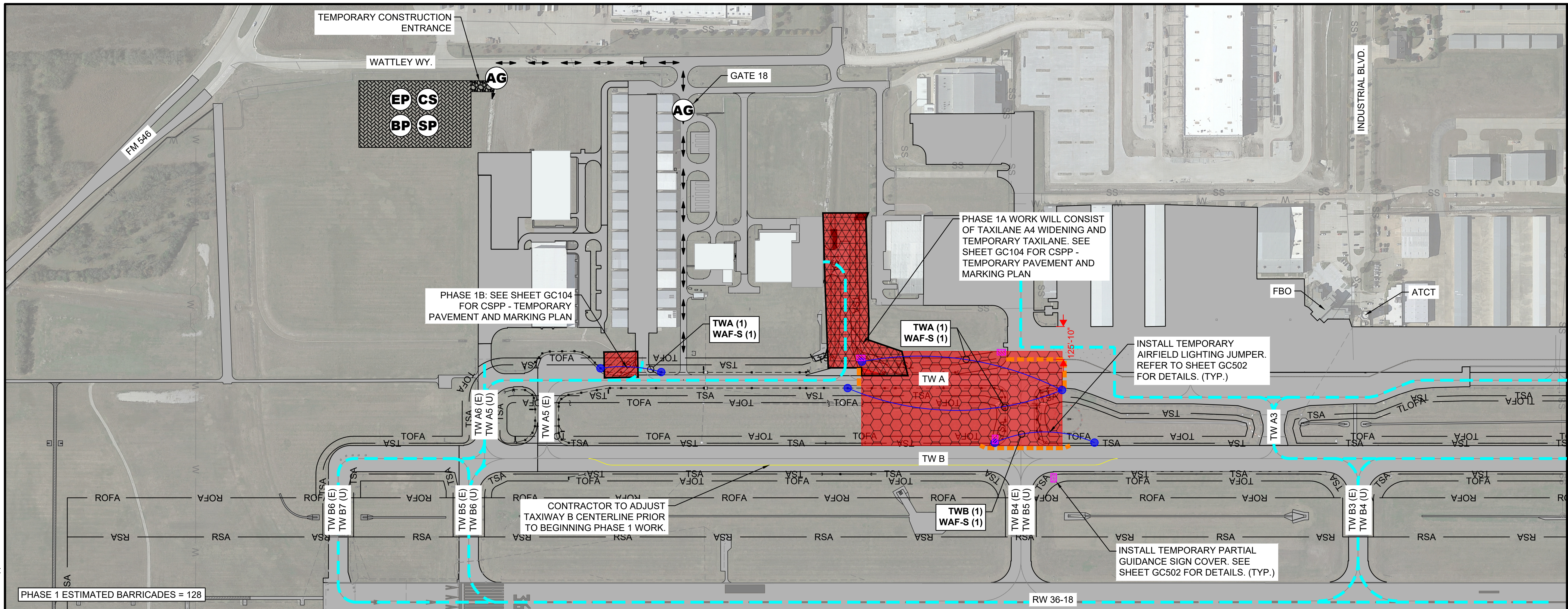


© 2025 GARVER, LLC
 THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

REGISTRATION NO. F-5713



Digitally Signed 3/20/2026



PHASE 1 ESTIMATED BARRICADES = 128

REV.	DATE	DESCRIPTION

File: \\2024\11-2402725 - tk taxiway alpha phase ii\Drawings\2402725-GC101.dwg Last Save: 3/18/2026 3:28 PM Last saved by: T.Machost
 Last plotted by: Machost, Tyler J. Plot Style: AECmono.ctb Plot Scale: 1:1 Plot Date: 3/20/2026 10:27 AM Plotter used: AutoCAD PDF (General Documentation).prt3

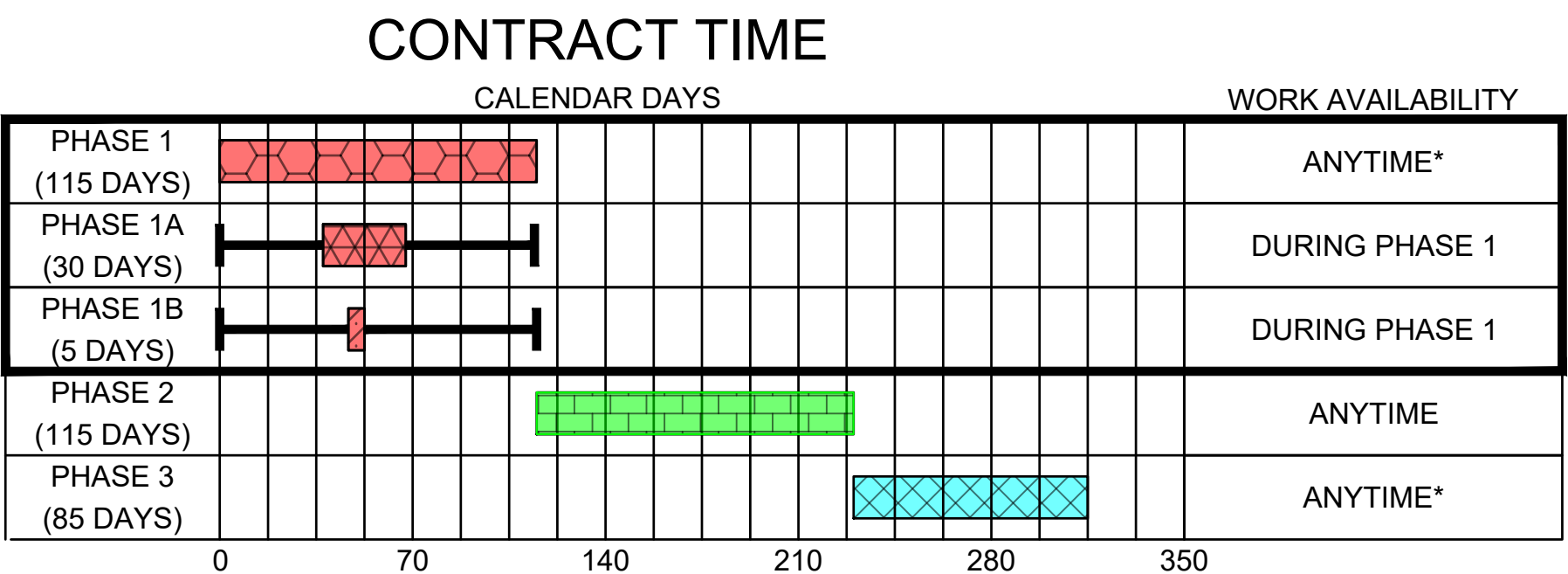
LEGEND

- PHASE 1 WORK AREA
- TSA TAXIWAY SAFETY AREA
- TOFA TAXIWAY OBJECT FREE AREA
- RSA RUNWAY SAFETY AREA
- ROFA RUNWAY OBJECT FREE AREA
- CS CONTRACTOR STAGING AREA
- SP CONSTRUCTION MATERIAL STOCKPILE LOCATION
- EP EMPLOYEE PARKING LOCATION
- BP BATCH PLANT LOCATION
- AG ACCESS GATE
- CONTRACTOR HAUL ROUTE
- LOW PROFILE BARRICADES
- AIRCRAFT ROUTE
- X TAXIWAY CLOSURE MARKER
- TEMPORARY AIRFIELD LIGHTING JUMPER
- OBSCURE SIGN

ITEMS OF WORK

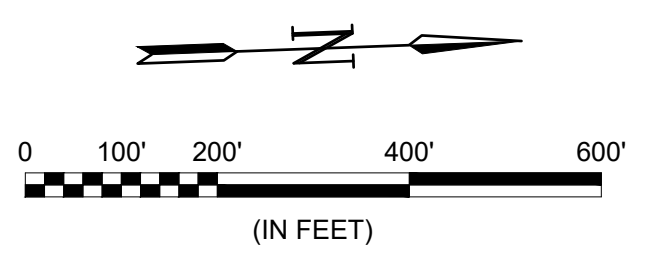
- CONTRACTOR SHALL COORDINATE WITH ENGINEER AND AIRPORT OPERATIONS TO ISSUE APPROPRIATE NOTAMS PRIOR TO BEGINNING OF WORK.
- INSTALL LOW PROFILE BARRICADES.
- CONTRACTOR TO ADJUST TAXIWAY B CENTERLINE AS SHOWN ON SHEETS GC102 AND GC103.
- PERFORM DEMOLITION OF TAXIWAY A, B4 (E), AND TAXILANE A4 PANELS.
- PERFORM EARTHWORK AND INFIELD GRADING.
- INSTALL DRAINAGE IMPROVEMENTS.
- CONSTRUCT TAXIWAY PAVEMENT SECTIONS INCLUDING TAXIWAY A, B5 (U).
- INSTALL ELECTRICAL IMPROVEMENTS AND RESTORATION IMPROVEMENTS.
- INSTALL PAVEMENT MARKINGS.
- TAXIWAY MUST BE INSPECTED BY AIRPORT OPERATIONS PRIOR TO REOPENING TO AIRCRAFT TRAFFIC.

- WORK TO BE DONE SIMULTANEOUSLY TO PHASE 1. CONTRACTOR SHALL COORDINATE WITH ENGINEER AND AIRPORT OPERATIONS PRIOR TO COMMENCING WORK IN THIS AREA.
- INSTALL LOW PROFILE BARRICADES.
- PERFORM EARTHWORK.
- CONSTRUCT TAXILANE A4 EXTENSION AND WIDENING PAVEMENT SECTION.
- INSTALL TEMPORARY TAXILANE PAVEMENT AND ASPHALT DETOUR PAVEMENT SOUTH OF CCHOA.
- INSTALL ELECTRICAL IMPROVEMENTS AND RESTORATION IMPROVEMENTS.



NOTE:
 * TAXIWAY B WILL BE CLOSED FOR ONE NIGHT CLOSURE TO TEMPORARILY OFFSET THE TAXIWAY CENTERLINE MARKING. NIGHT CLOSURE SHALL BE FROM 2200 TO 0600 LOCAL TIME AND MUST BE COORDINATED AT LEAST 30 DAYS PRIOR TO CLOSURE WITH AIRPORT OPERATIONS AND ENGINEER.

- PRINT NOTE: SHEET SHALL BE PRINTED IN COLOR.
- SEE CONSTRUCTION SAFETY AND PHASING NOTES FOR ADDITIONAL INFORMATION.
- LIGHTED BARRICADES SHOWN ARE FOR GRAPHIC PURPOSES ONLY. THE CONTRACTOR SHALL DETERMINE THE QUANTITY OF LIGHTED BARRICADES REQUIRED TO COMPLETE THE WORK AS SHOWN AND MUST BE IN ACCORDANCE WITH CURRENT FAA ADVISORY CIRCULARS.
- LOW-PROFILE AIRPORT BARRICADES SHALL BE FURNISHED, INSTALLED, AND MAINTAINED BY THE CONTRACTOR AS SHOWN ON THESE SHEETS. BARRICADES MUST BE CONNECTED CONTINUOUSLY WITH NO GAPS BETWEEN BARRICADES EXCEPT AS REQUIRED BY AIRPORT OPERATIONS FOR EMERGENCY VEHICLE ACCESS.
- CONTRACTOR SHALL HAVE AN APPROVED PAVEMENT BROOM OR VACUUM TRUCK AVAILABLE ON SITE AT ALL TIMES. STEEL BRISTLES ARE NOT PERMITTED ON THE AOA. HYDRANTS TO FILL VACUUM TRUCK WILL BE AVAILABLE ON AIRPORT PROPERTY.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING SUFFICIENT LIGHTING TO ADEQUATELY ILLUMINATE THE WORK AREA DURING NIGHTTIME OPERATIONS. PORTABLE LIGHTING SHALL NOT BE ORIENTED IN SUCH A WAY TO CAUSE IMPACT TO AIRPORT OPERATIONS. NIGHTTIME WORK MUST BE APPROVED BY AIRPORT OPERATIONS PRIOR TO WORK TAKING PLACE, INCLUDING A NIGHTTIME LIGHTING LAYOUT APPROVED BY OPERATIONS.
- IN NO EVENT SHALL CONSTRUCTION VEHICLES, EQUIPMENT, OR MATERIALS BE PARKED/STORED WITHIN 50' OF BARRICADES OR ACTIVE AIRFIELD PAVEMENT.
- PERIMETER FENCE SHALL BE MAINTAINED AT ALL TIMES. TEMPORARY FENCING SHALL BE INSTALLED AS NECESSARY. METHODS FOR TEMPORARY FENCING SHALL BE APPROVED BY THE ENGINEER. TEMPORARY FENCING SHALL BE CONSIDERED SUBSIDIARY TO CONSTRUCTION SAFETY AND SECURITY.
- TEMPORARY BARRICADES TO BE PLACED DURING MARKING ADJUSTMENT WORK AND MUST BE REMOVED AFTER MARKING ADJUSTMENT WORK IS COMPLETED.
- TEMPORARY TAXILANE WILL BE CONSTRUCTED USING THE DEMOLISHED ASPHALT AND BASE FROM PHASE 1 WORK. TAXILANE WILL BE REMOVED ONCE PHASE 2 IS COMPLETED.



McKINNEY NATIONAL AIRPORT
 McKINNEY, TX

TAXIWAY A REHABILITATION
 PHASE II

CSPP - PHASE 1 OVERVIEW

JOB NO.: A11-2402725
 DATE: MAR 2026
 DESIGNED BY: TJM
 DRAWN BY: JAH

BAR IS ONE INCH ON ORIGINAL DRAWING
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

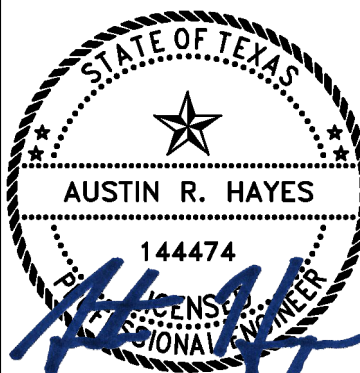
DRAWING NUMBER
GC101

SHEET NUMBER
9

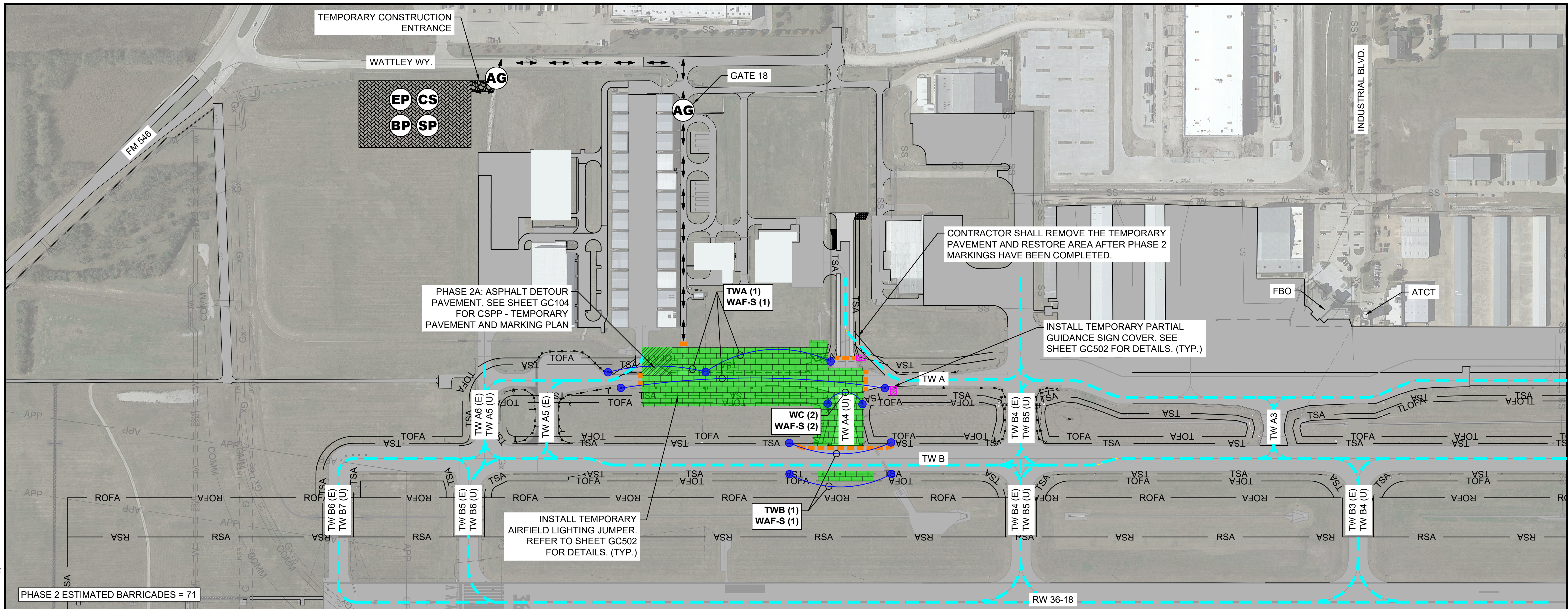


© 2025 GARVER, LLC
 THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

REGISTRATION NO. F-5713



Digitally Signed 3/20/2026



BY	DATE	DESCRIPTION

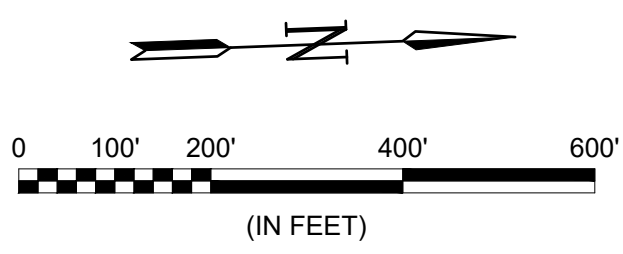
File: \\2024\11-2402725 - tk taxiway alpha phase\Drawings\2402725-GC201.dwg Last Save: 3/18/2026 3:51 PM Last saved by: T.Machost
 Last plotted by: Machost, Tyler J. Plot Style: AECmono.ctb Plot Scale: 1:1 Plot Date: 3/20/2026 10:30 AM Plotter used: AutoCAD PDF (General Documentation).ptc3

LEGEND

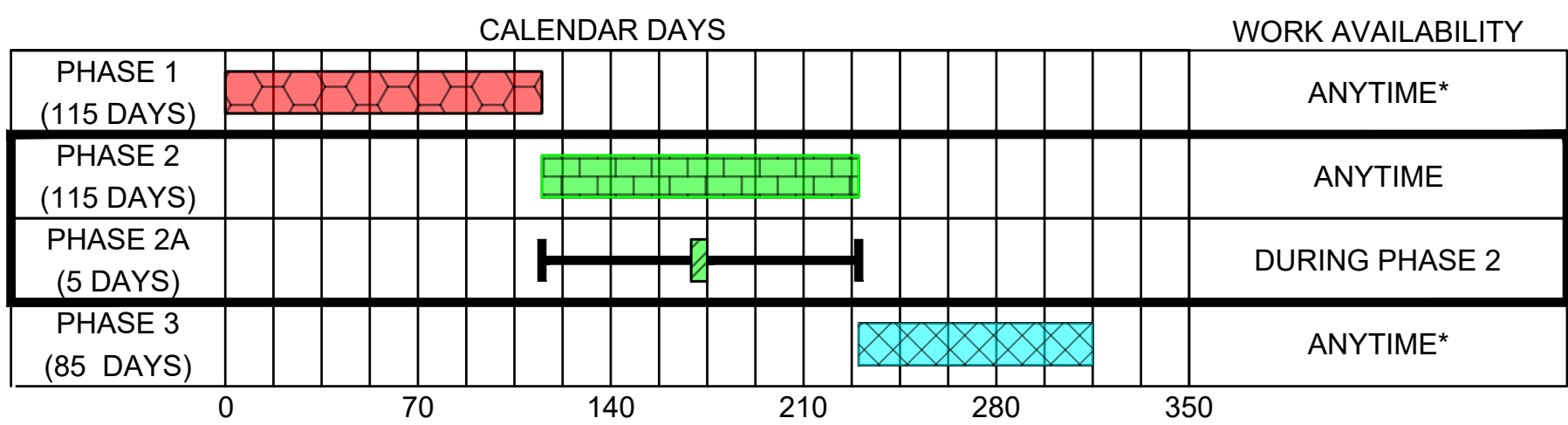
- PHASE 2 WORK AREA
- PHASE 2A WORK AREA
- TSA TAXIWAY SAFETY AREA
- TOFA TAXIWAY OBJECT FREE AREA
- RSA RUNWAY SAFETY AREA
- ROFA RUNWAY OBJECT FREE AREA
- CONTRACTOR STAGING AREA
- CONSTRUCTION MATERIAL STOCKPILE LOCATION
- EMPLOYEE PARKING LOCATION
- BATCH PLANT LOCATION
- ACCESS GATE
- CONTRACTOR HAUL ROUTE
- LOW PROFILE BARRICADES
- AIRCRAFT ROUTE
- TEMPORARY AIRFIELD LIGHTING JUMPER
- OBSCURE SIGN

ITEMS OF WORK

- CONTRACTOR SHALL COORDINATE WITH ENGINEER AND AIRPORT OPERATIONS TO ISSUE APPROPRIATE NOTAMS PRIOR TO BEGINNING OF WORK.
- INSTALL LOW PROFILE BARRICADES.
- PERFORM DEMOLITION OF TAXIWAY A.
- PERFORM EARTHWORK AND INFIELD GRADING.
- INSTALL DRAINAGE IMPROVEMENTS.
- CONSTRUCT TAXIWAY A AND TAXIWAY A4 PAVEMENT SECTIONS.
- INSTALL ELECTRICAL IMPROVEMENTS.
- INSTALL PAVEMENT MARKINGS.
- WORK TO BE DONE SIMULTANEOUSLY TO PHASE 2.
- INSTALL LOW PROFILE BARRICADES.
- PERFORM EARTHWORK
- INSTALL ASPHALT DETOUR PAVEMENT NORTH OF CCHOA.
- INSTALL PAVEMENT MARKINGS.



CONTRACT TIME



NOTE:
 1. IF ADDITIVE ALTERNATE IS AWARDED, 30 CALENDAR DAYS WILL BE ADDED TO THE PHASE 1 DURATION AND 45 CALENDAR DAYS WILL BE ADDED TO THE PHASE 2A DURATION. TOTAL CONTRACT TIME WILL BE INCREASED TO 315 CALENDAR DAYS.

1. PRINT NOTE: SHEET SHALL BE PRINTED IN COLOR.
2. SEE CONSTRUCTION SAFETY AND PHASING NOTES FOR ADDITIONAL INFORMATION.
3. LIGHTED BARRICADES SHOWN ARE FOR GRAPHIC PURPOSES ONLY. THE CONTRACTOR SHALL DETERMINE THE QUANTITY OF LIGHTED BARRICADES REQUIRED TO COMPLETE THE WORK AS SHOWN AND MUST BE IN ACCORDANCE WITH CURRENT FAA ADVISORY CIRCULARS.
4. LOW-PROFILE AIRPORT BARRICADES SHALL BE FURNISHED, INSTALLED, AND MAINTAINED BY THE CONTRACTOR AS SHOWN ON THESE SHEETS. BARRICADES MUST BE CONNECTED CONTINUOUSLY WITH NO GAPS BETWEEN BARRICADES EXCEPT AS REQUIRED BY AIRPORT OPERATIONS FOR EMERGENCY VEHICLE ACCESS.
5. CONTRACTOR SHALL HAVE AN APPROVED PAVEMENT BROOM OR VACUUM TRUCK AVAILABLE ON SITE AT ALL TIMES. STEEL BRISTLES ARE NOT PERMITTED ON THE AOA. HYDRANTS TO FILL VACUUM TRUCK WILL BE AVAILABLE ON AIRPORT PROPERTY.
6. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING SUFFICIENT LIGHTING TO ADEQUATELY ILLUMINATE THE WORK AREA DURING NIGHTTIME OPERATIONS. PORTABLE LIGHTING SHALL NOT BE ORIENTED IN SUCH A WAY TO CAUSE IMPACT TO AIRPORT OPERATIONS. NIGHTTIME WORK MUST BE APPROVED BY AIRPORT OPERATIONS PRIOR TO WORK TAKING PLACE, INCLUDING A NIGHTTIME LIGHTING LAYOUT APPROVED BY OPERATIONS.
7. IN NO EVENT SHALL CONSTRUCTION VEHICLES, EQUIPMENT, OR MATERIALS BE PARKED/STORED WITHIN 50' OF BARRICADES OR ACTIVE AIRFIELD PAVEMENT.
8. PERIMETER FENCE SHALL BE MAINTAINED AT ALL TIMES. TEMPORARY FENCING SHALL BE INSTALLED AS NECESSARY. METHODS FOR TEMPORARY FENCING SHALL BE APPROVED BY THE ENGINEER. TEMPORARY FENCING SHALL BE CONSIDERED SUBSIDIARY TO CONSTRUCTION SAFETY AND SECURITY.
9. TEMPORARY TAXILANE WILL BE CONSTRUCTED USING THE DEMOLISHED ASPHALT AND BASE FROM PHASE 1 WORK. TAXILANE WILL BE REMOVED ONCE PHASE 2 IS COMPLETED.

McKINNEY NATIONAL AIRPORT
 McKINNEY, TX

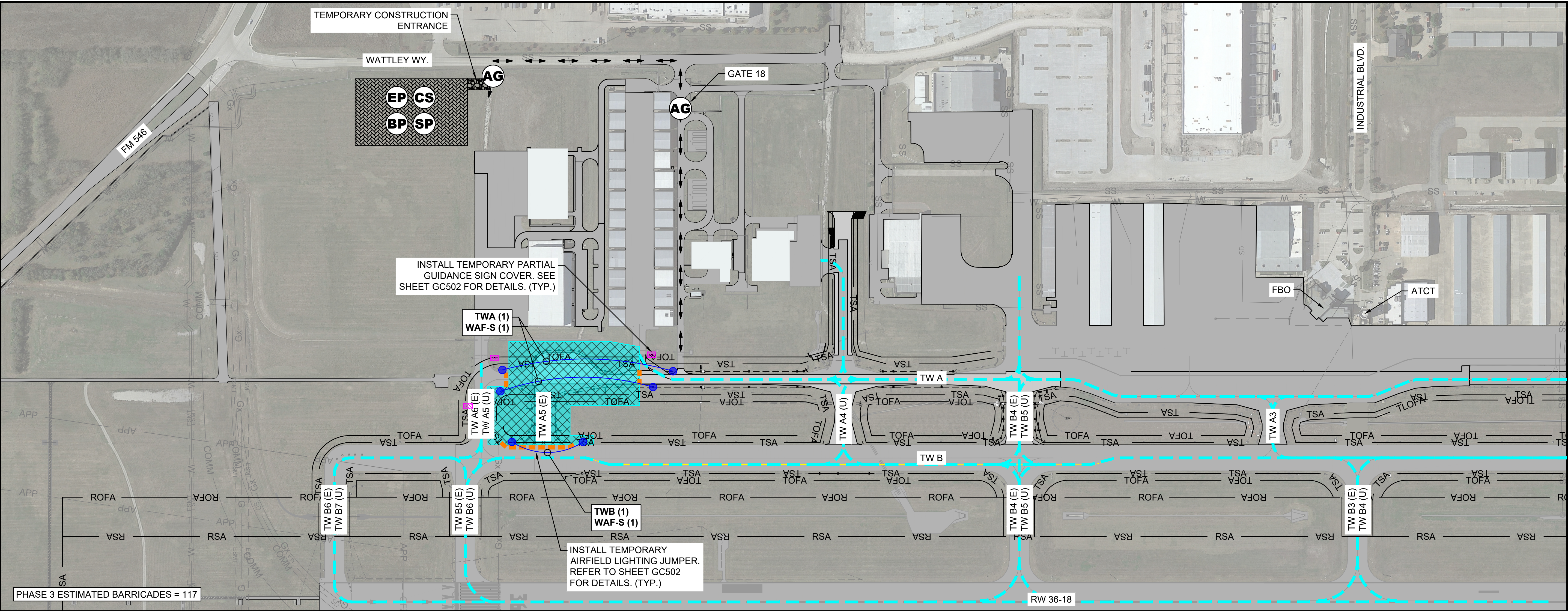
TAXIWAY A REHABILITATION PHASE II

CSPP - PHASE 2 OVERVIEW

JOB NO.: A11-2402725
 DATE: MAR 2026
 DESIGNED BY: TJM
 DRAWN BY: JAH

BAR IS ONE INCH ON ORIGINAL DRAWING
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
GC201
 SHEET NUMBER
13















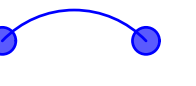



PHASE 3 ESTIMATED BARRICADES = 117


BY	DESCRIPTION	DATE

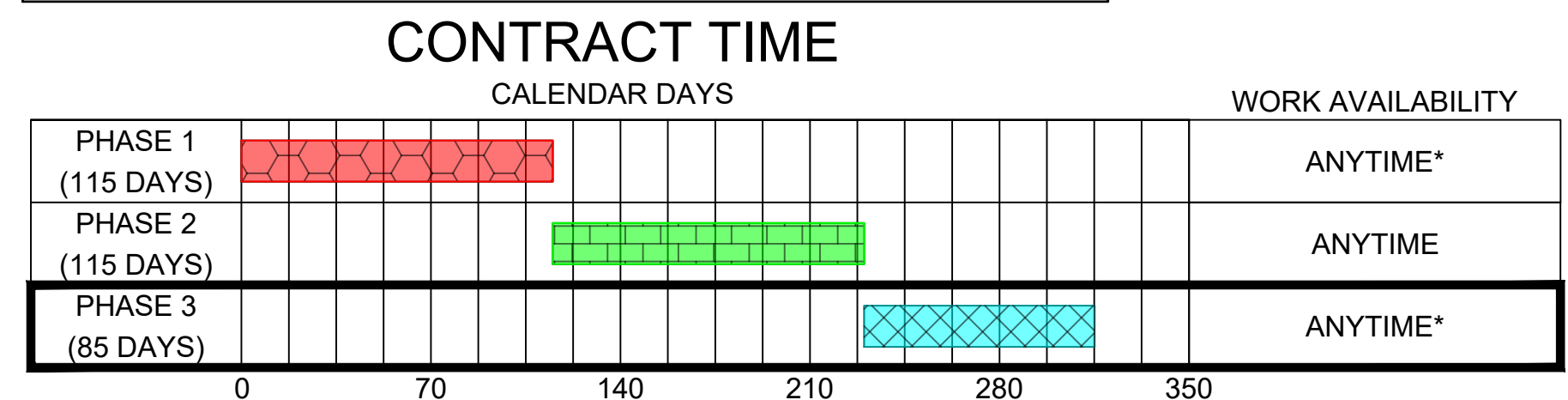
File: I:\2024\11-2402725 - tk taxiway alpha phase\Drawings\2402725-GC301.dwg Last Save: 3/18/2026 3:54 PM Last saved by: T.Machost
 Last plotted by: Machost, Tyler J. Plot Style: AECmono.ctb Plot Scale: 1:1 Plot Date: 3/20/2026 10:31 AM Plotter used: AutoCAD PDF (General Documentation).prt3

LEGEND

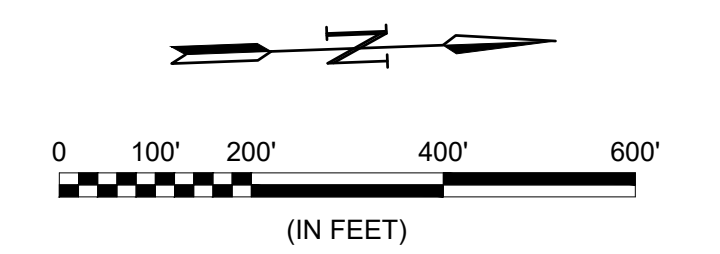
-  PHASE 3 WORK AREA
-  TSA TAXIWAY SAFETY AREA
-  TOFA TAXIWAY OBJECT FREE AREA
-  RSA RUNWAY SAFETY AREA
-  ROFA RUNWAY OBJECT FREE AREA
-  CONTRACTOR STAGING AREA
-  CONSTRUCTION MATERIAL STOCKPILE LOCATION
-  EMPLOYEE PARKING LOCATION
-  BATCH PLANT LOCATION
-  ACCESS GATE
-  CONTRACTOR HAUL ROUTE
-  LOW PROFILE BARRICADES
-  AIRCRAFT ROUTE
-  TAXIWAY CLOSURE MARKER
-  TEMPORARY AIRFIELD LIGHTING JUMPER
-  OBSCURE SIGN

ITEMS OF WORK


-  3
- CONTRACTOR SHALL COORDINATE WITH ENGINEER AND AIRPORT OPERATIONS TO ISSUE APPROPRIATE NOTAMS PRIOR TO BEGINNING OF WORK.
- INSTALL LOW PROFILE BARRICADES.
- PERFORM DEMOLITION OF TAXIWAY A, A5 (E), AND HOLDING APRON.
- PERFORM EARTHWORK AND INFIELD GRADING.
- INSTALL DRAINAGE IMPROVEMENTS.
- CONSTRUCT TAXIWAY PAVEMENT SECTIONS INCLUDING TAXIWAY A AND HOLDING APRON.
- INSTALL ELECTRICAL IMPROVEMENTS.
- INSTALL PAVEMENT MARKINGS.



* TAXIWAY B WILL BE CLOSED FOR ONE NIGHT CLOSURE TO TEMPORARILY OFFSET THE TAXIWAY CENTERLINE MARKING. NIGHT CLOSURE SHALL BE FROM 2200 TO 0600 LOCAL TIME AND MUST BE COORDINATED AT LEAST 30 DAYS PRIOR TO CLOSURE WITH AIRPORT OPERATIONS AND ENGINEER.



1. PRINT NOTE: SHEET SHALL BE PRINTED IN COLOR.
2. SEE CONSTRUCTION SAFETY AND PHASING NOTES FOR ADDITIONAL INFORMATION.
3. LIGHTED BARRICADES SHOWN ARE FOR GRAPHIC PURPOSES ONLY. THE CONTRACTOR SHALL DETERMINE THE QUANTITY OF LIGHTED BARRICADES REQUIRED TO COMPLETE THE WORK AS SHOWN AND MUST BE IN ACCORDANCE WITH CURRENT FAA ADVISORY CIRCULARS.
4. LOW-PROFILE AIRPORT BARRICADES SHALL BE FURNISHED, INSTALLED, AND MAINTAINED BY THE CONTRACTOR AS SHOWN ON THESE SHEETS. BARRICADES MUST BE CONNECTED CONTINUOUSLY WITH NO GAPS BETWEEN BARRICADES EXCEPT AS REQUIRED BY AIRPORT OPERATIONS FOR EMERGENCY VEHICLE ACCESS.
5. CONTRACTOR SHALL HAVE AN APPROVED PAVEMENT BROOM OR VACUUM TRUCK AVAILABLE ON SITE AT ALL TIMES. STEEL BRISTLES ARE NOT PERMITTED ON THE AOA. HYDRANTS TO FILL VACUUM TRUCK WILL BE AVAILABLE ON AIRPORT PROPERTY.
6. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING SUFFICIENT LIGHTING TO ADEQUATELY ILLUMINATE THE WORK AREA DURING NIGHTTIME OPERATIONS. PORTABLE LIGHTING SHALL NOT BE ORIENTED IN SUCH A WAY TO CAUSE IMPACT TO AIRPORT OPERATIONS. NIGHTTIME WORK MUST BE APPROVED BY AIRPORT OPERATIONS PRIOR TO WORK TAKING PLACE, INCLUDING A NIGHTTIME LIGHTING LAYOUT APPROVED BY OPERATIONS.
7. IN NO EVENT SHALL CONSTRUCTION VEHICLES, EQUIPMENT, OR MATERIALS BE PARKED/STORED WITHIN 50' OF BARRICADES OR ACTIVE AIRFIELD PAVEMENT.
8. PERIMETER FENCE SHALL BE MAINTAINED AT ALL TIMES. TEMPORARY FENCING SHALL BE INSTALLED AS NECESSARY. METHODS FOR TEMPORARY FENCING SHALL BE APPROVED BY THE ENGINEER. TEMPORARY FENCING SHALL BE CONSIDERED SUBSIDIARY TO CONSTRUCTION SAFETY AND SECURITY.
9. TEMPORARY BARRICADES TO BE PLACED DURING MARKING ADJUSTMENT WORK AND MUST BE REMOVED AFTER MARKING ADJUSTMENT WORK IS COMPLETED.



McKINNEY NATIONAL AIRPORT
 McKINNEY, TX

TAXIWAY A REHABILITATION
 PHASE II

CSPP - PHASE 3
 OVERVIEW

JOB NO.: A11-2402725
 DATE: MAR 2026
 DESIGNED BY: TJM
 DRAWN BY: JAH

BAR IS ONE INCH ON ORIGINAL DRAWING
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

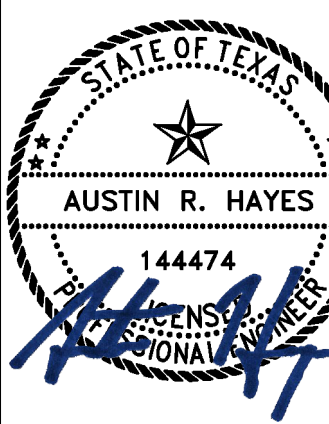
DRAWING NUMBER
GC301

SHEET NUMBER
14



© 2025 GARVER, LLC
 THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

REGISTRATION NO. F-5713



Digitally Signed 3/20/2026

BY	DESCRIPTION	DATE	REV.

McKINNEY NATIONAL AIRPORT
 McKINNEY, TX
 TAXIWAY A REHABILITATION PHASE II

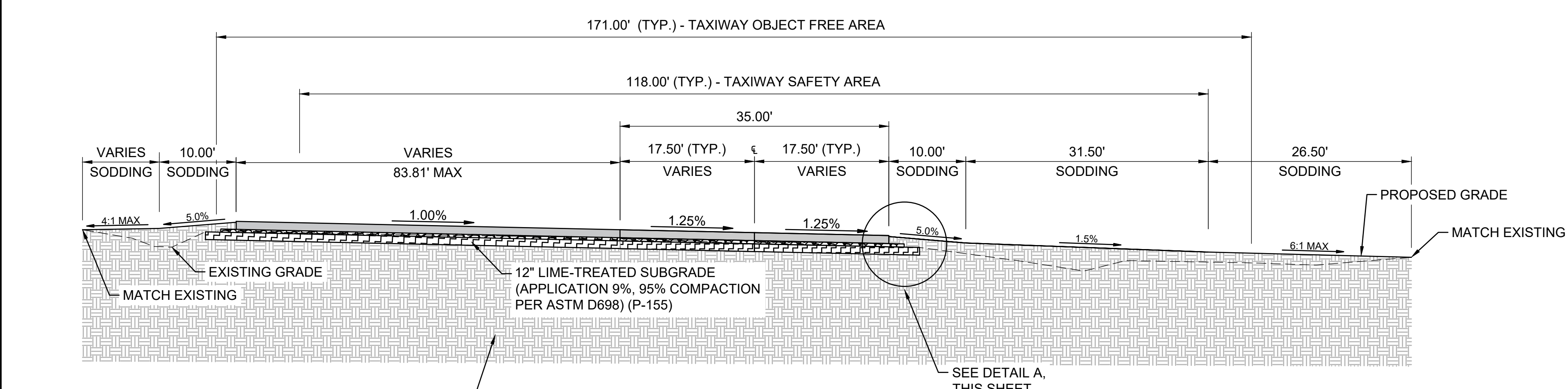
TYPICAL SECTIONS 1

JOB NO.: A11-2402725
 DATE: MAR 2026
 DESIGNED BY: TJM
 DRAWN BY: TJM

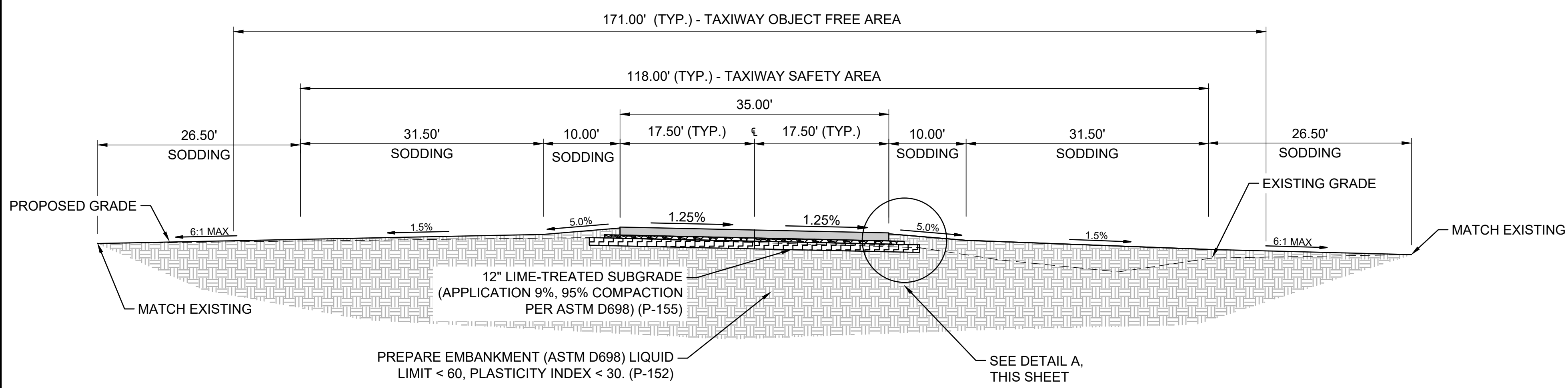
BAR IS ONE INCH ON ORIGINAL DRAWING
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
CP301

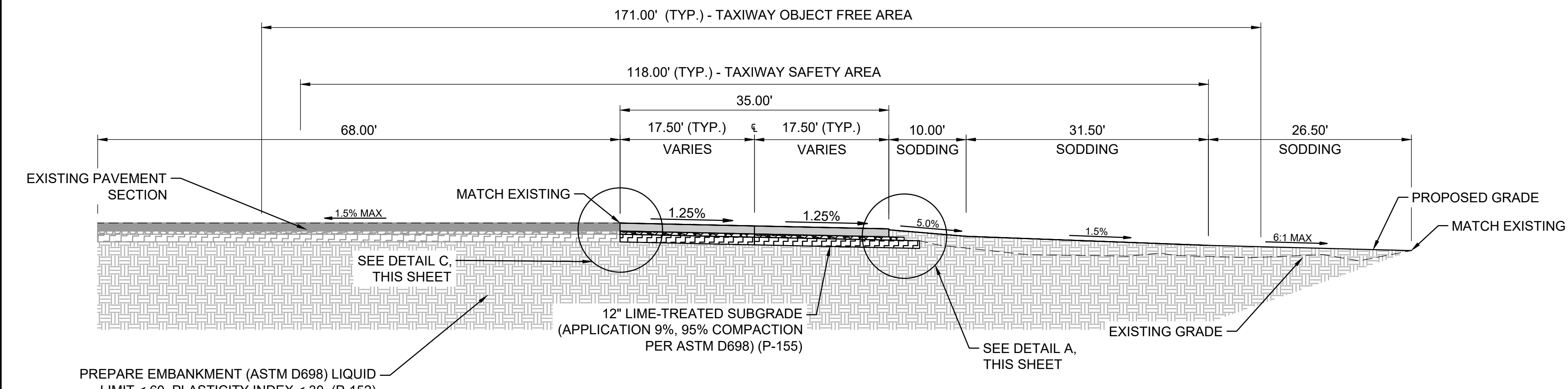
SHEET NUMBER
52



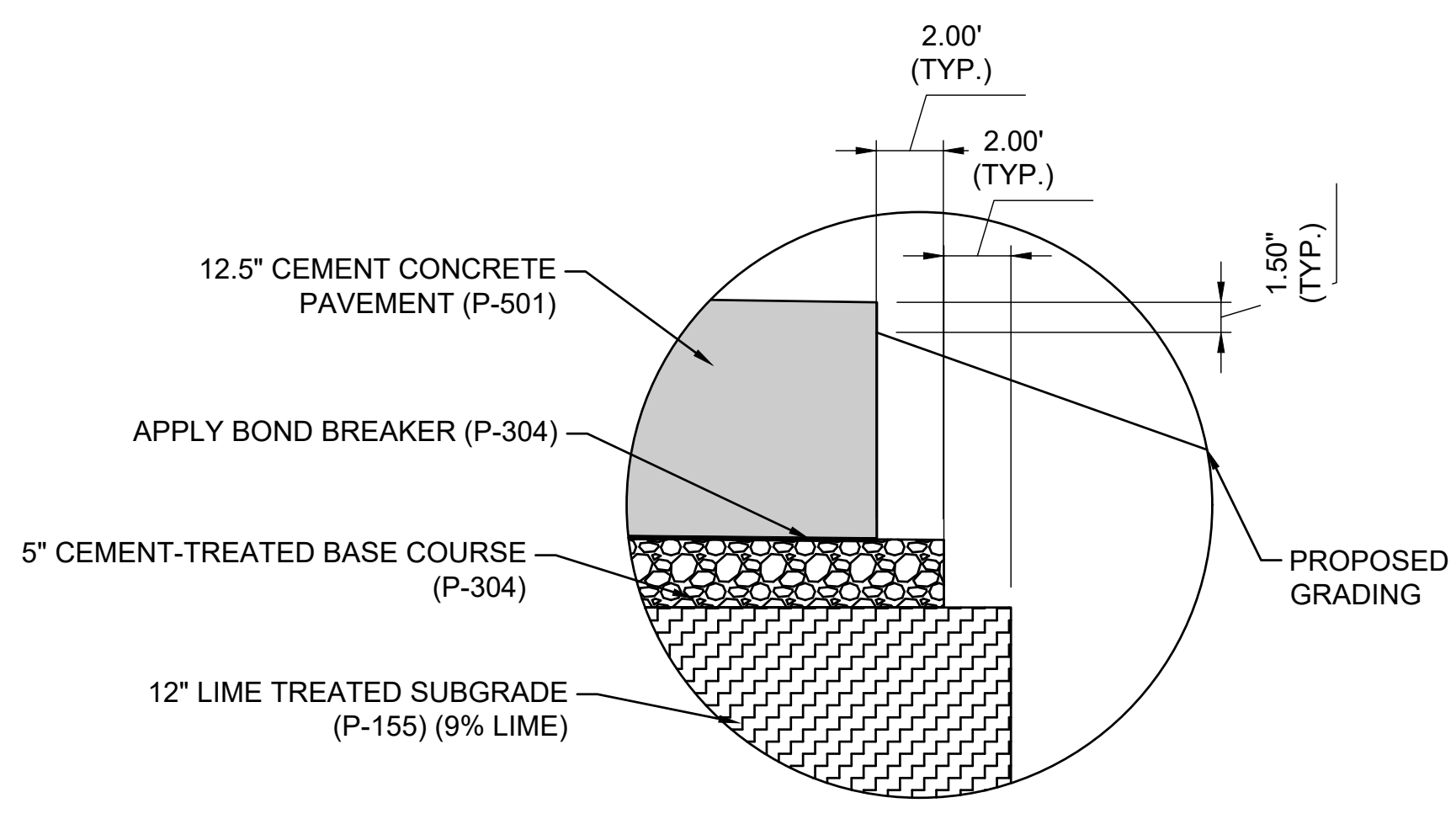
1 TAXIWAY A TYPICAL SECTION 1
 SCALE: NONE
 STA 100+91.74 TO STA 103+55.36



2 TAXIWAY A TYPICAL SECTION 2
 SCALE: NONE
 STA 103+55.36 TO STA 104+28.92
 STA 105+73.22 TO STA 106+15.26
 STA 107+02.80 TO STA 109+71.04
 STA 114+30.09 TO STA 116+42.94
 STA 115+87.04 TO STA 116+42.94 (ADD ALT)



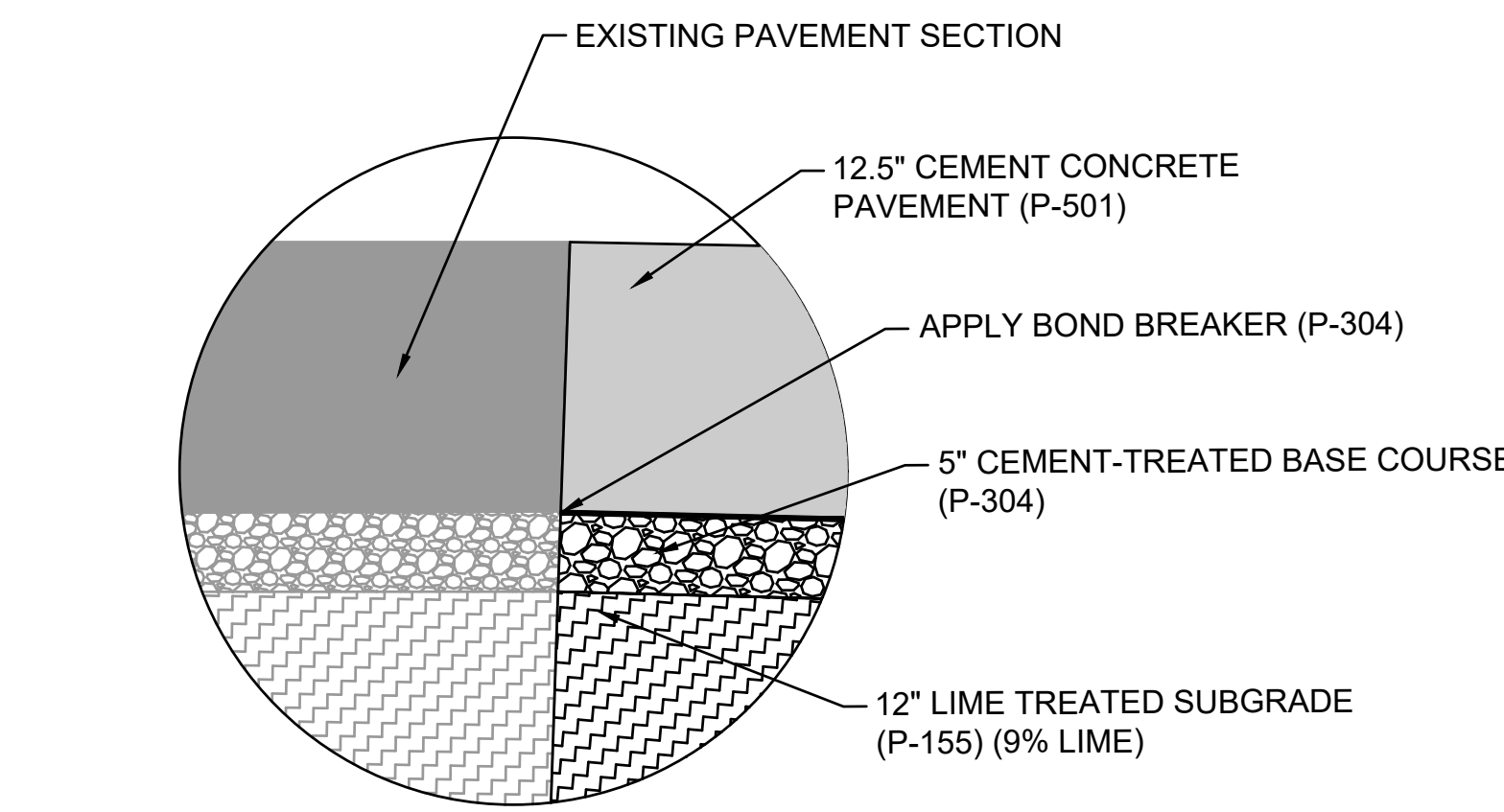
3 TAXIWAY A TYPICAL SECTION 3
 SCALE: NONE
 STA 104+60.18 TO STA 105+42.76
 STA 106+47.27 TO STA 106+71.04
 STA 111+28.50 TO STA 114+30.09



A TAXIWAY PAVEMENT SECTION DETAIL
 SCALE: NONE

EARTHWORK SUMMARY PLAN QUANTITIES

UNCLASSIFIED EXCAVATION	EMBANKMENT IN PLACE
	BID SCHEDULE 1
1,890 C.Y.	3,770 C.Y.
	BID SCHEDULE 2
320 C.Y.	1,135 C.Y.
	BID SCHEDULE 3
840 C.Y.	375 C.Y.



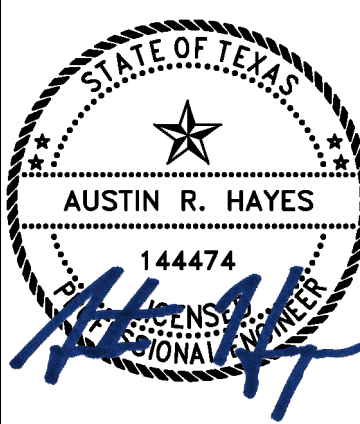
B TAXIWAY PAVEMENT SECTION DETAIL
 SCALE: NONE

File: I:\2024\11-2402725 - tk taxiway alpha phase\Drawings\2402725-CP301.dwg Last Save: 3/19/2026 10:42 AM Last saved by: T.Machost
 Last plotted by: Machost, Tyler J. Plot Style: AECmonochrome.ctb Plot Scale: 1:1 Plot Date: 3/20/2026 10:43 AM Plotter used: AutoCAD PDF (General Documentation).prt3



© 2026 GARVER, LLC
 THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

REGISTRATION NO. F-5713



Digitally Signed 3/20/2026

REV.	DATE	DESCRIPTION	BY

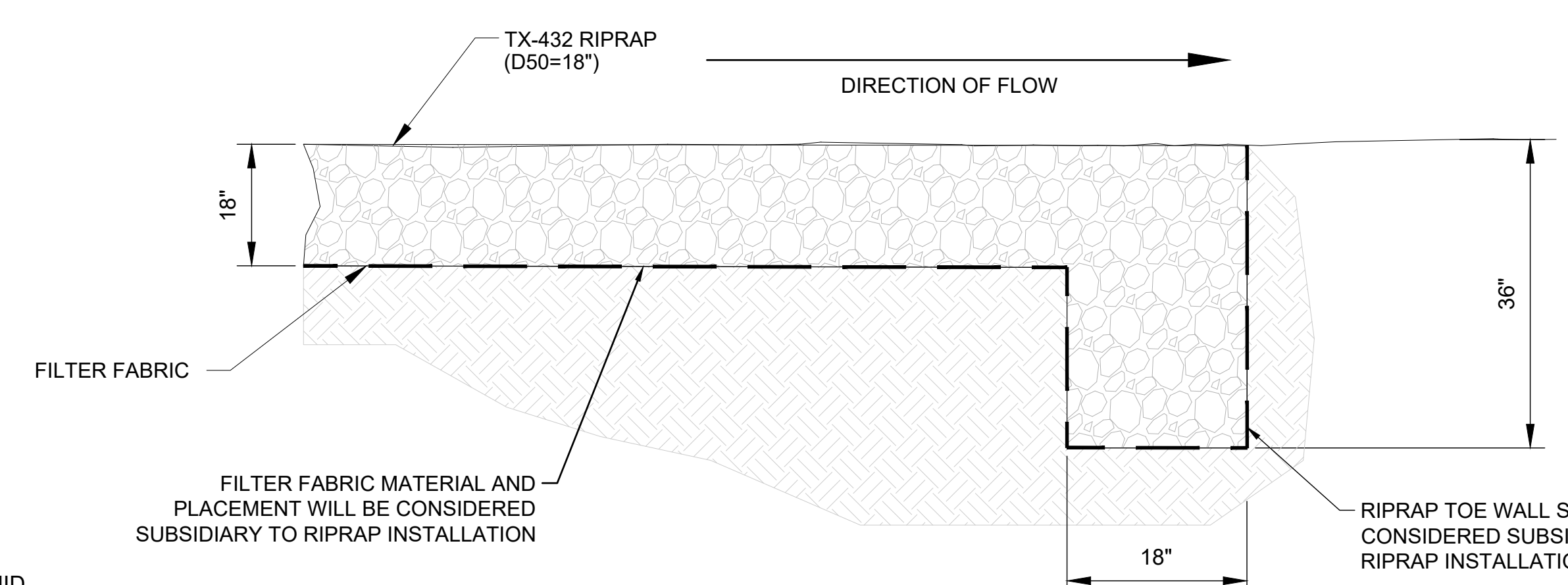
TKI
 MCKINNEY NATIONAL AIRPORT
 MCKINNEY, TX
 TAXIWAY A REHABILITATION PHASE II

TYPICAL SECTIONS 2

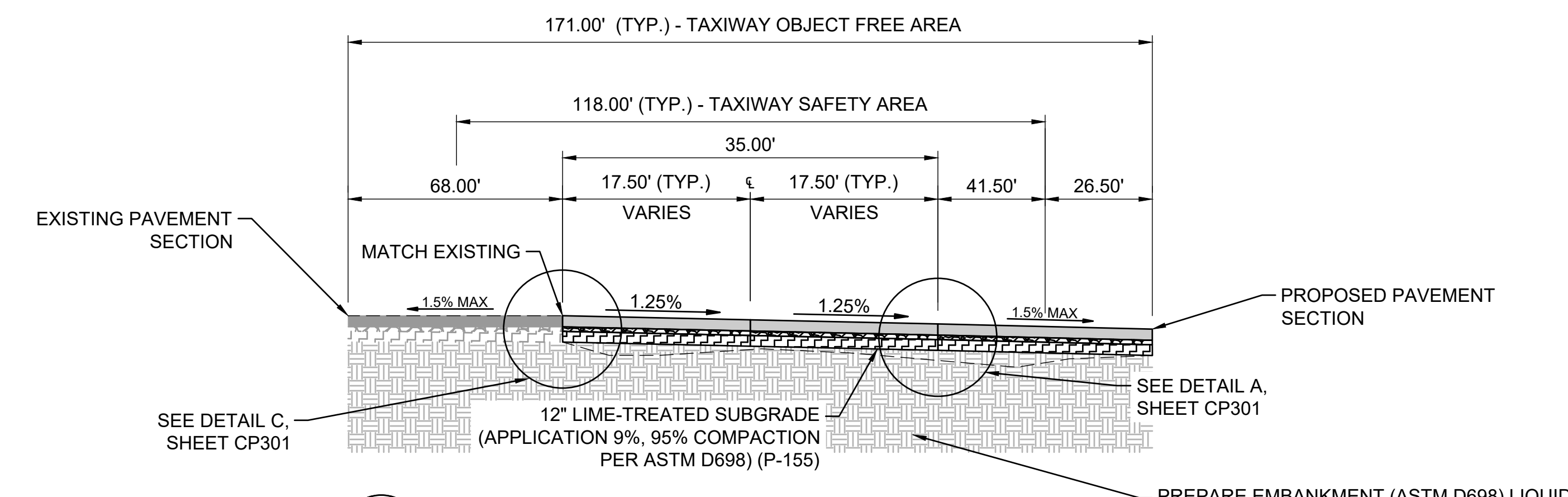
JOB NO.: A11-2402725
 DATE: MAR 2026
 DESIGNED BY: TJM
 DRAWN BY: TJM

BAR IS ONE INCH ON ORIGINAL DRAWING
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

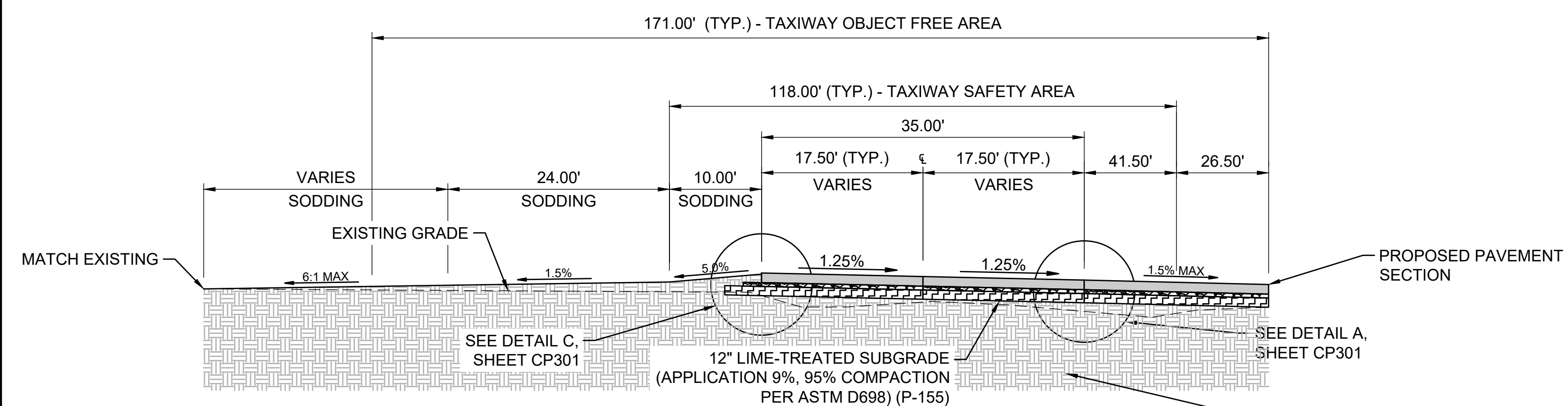
DRAWING NUMBER
CP302
 SHEET NUMBER
53



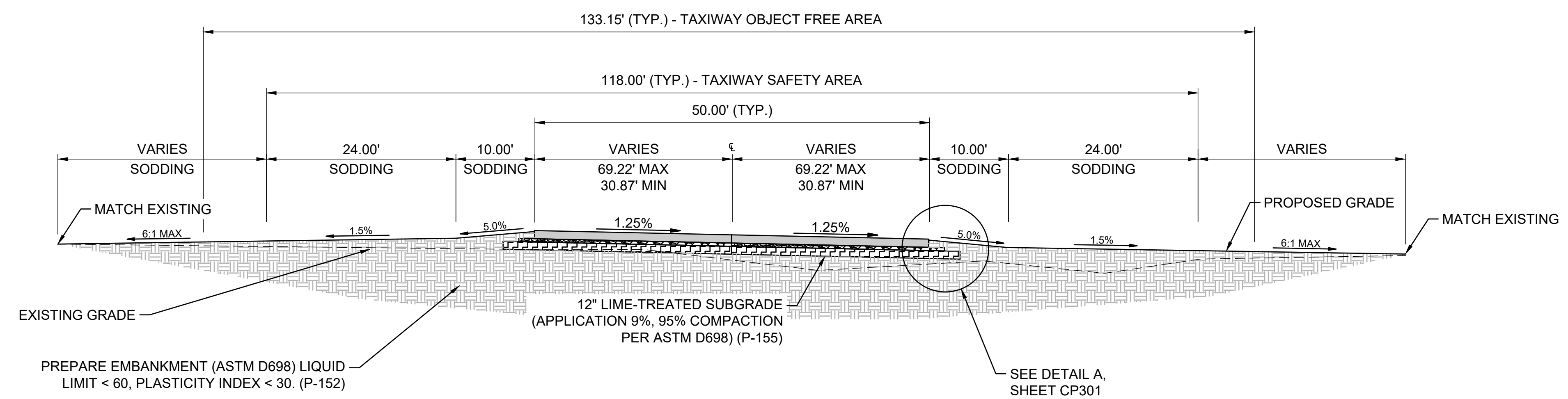
7 TYPICAL RIPRAP INSTALLATION DETAILS
 SCALE: NONE



4 TAXIWAY A TYPICAL SECTION 4
 SCALE: NONE
 STA 111+28.50 TO STA 114+30.09 (ADD ALT)
 STA 117+02.44 TO STA 121+08.42



5 TAXIWAY A TYPICAL SECTION 5
 SCALE: NONE
 STA 109+71.04 TO STA 111+28.50
 STA 114+30.09 TO STA 115+87.04
 STA 116+42.94 TO STA 117+02.44



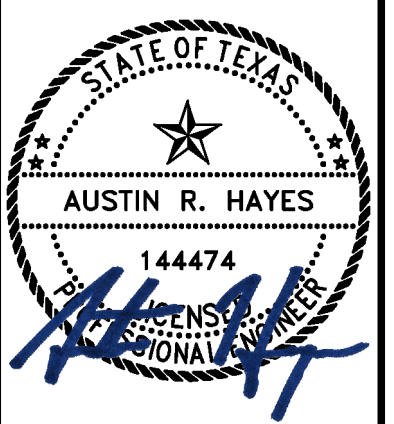
6 TAXIWAY B5 TYPICAL SECTION
 SCALE: NONE

File: I:\2024\11-2402725 - tk taxiway alpha phase\Drawings\2402725-CP301.dwg Last Save: 3/19/2026 10:42 AM Last saved by: T.Machost
 Last plotted by: Machost, Tyler J. Plot Style: AECmono.ctb Plot Scale: 1:1 Plot Date: 3/20/2026 10:43 AM Plotter used: AutoCAD PDF (General Documentation).prt



© 2025 GARVER, LLC
 THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

REGISTRATION NO. F-5713



Digitally Signed 3/20/2026

REV.	DATE	DESCRIPTION

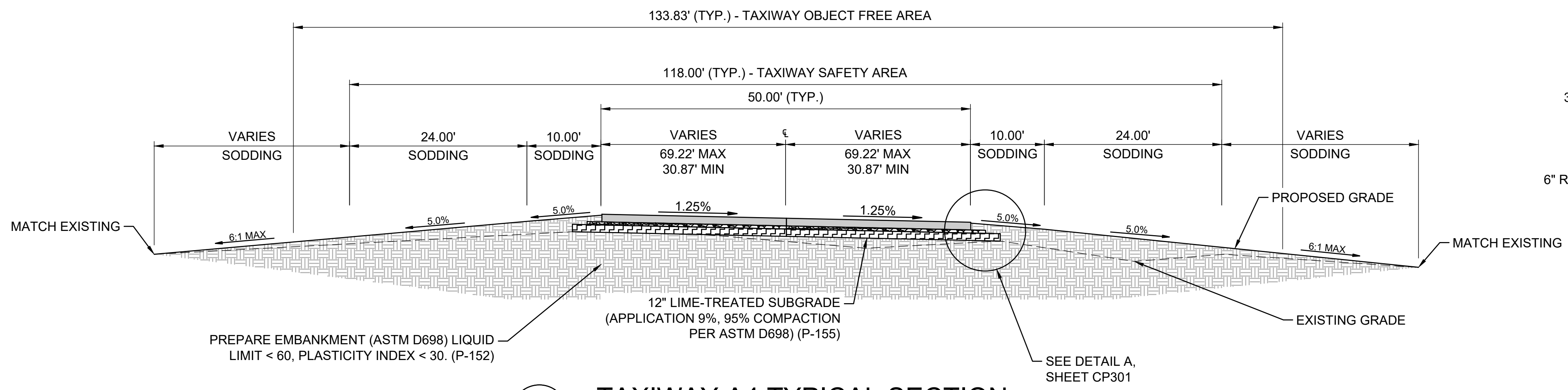
McKINNEY NATIONAL AIRPORT
 McKINNEY, TX
 TAXIWAY A REHABILITATION PHASE II

TYPICAL SECTIONS 3

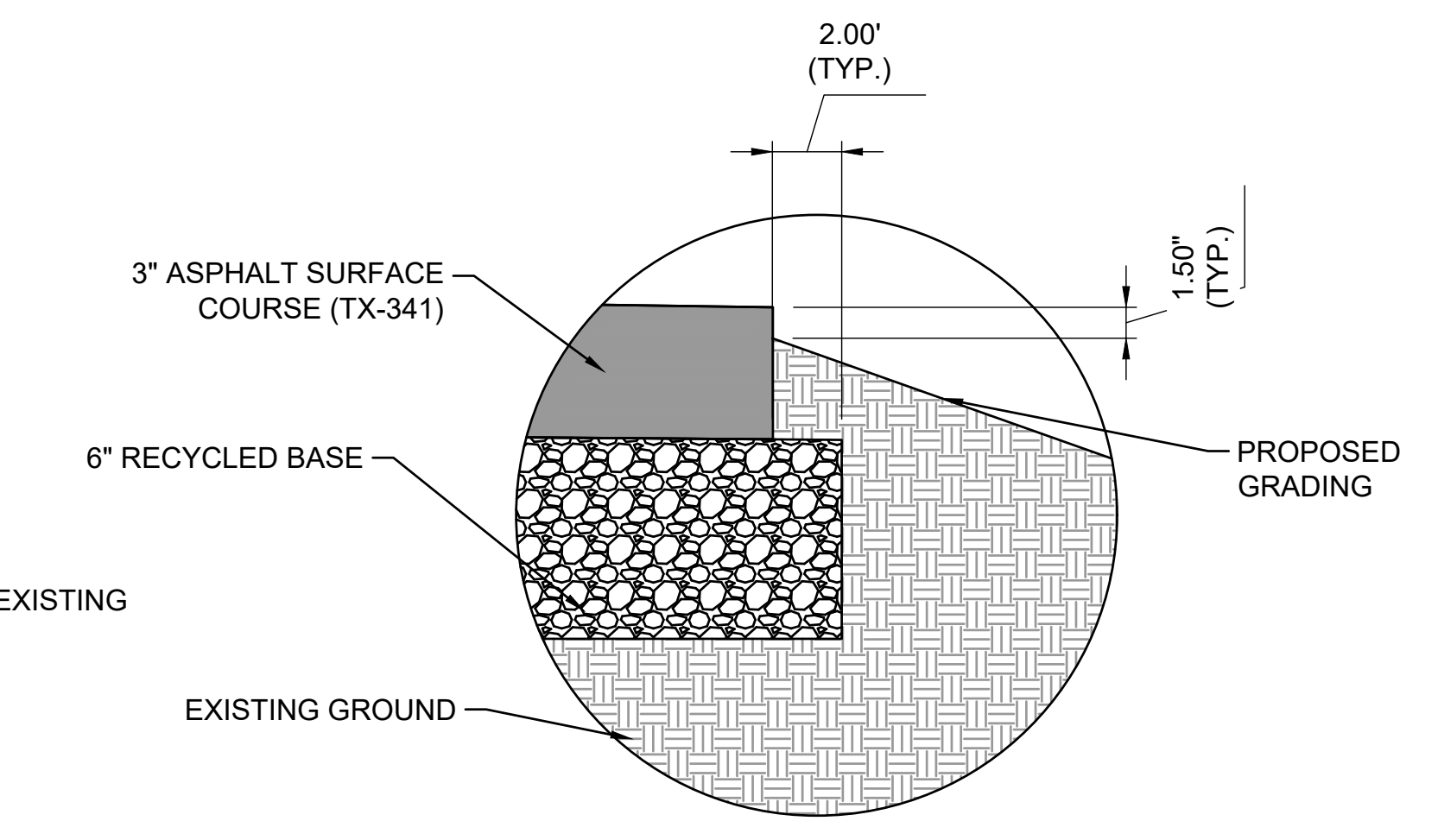
JOB NO.: A11-2402725
 DATE: MAR 2026
 DESIGNED BY: TJM
 DRAWN BY: TJM

BAR IS ONE INCH ON ORIGINAL DRAWING
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
CP303
 SHEET NUMBER
54

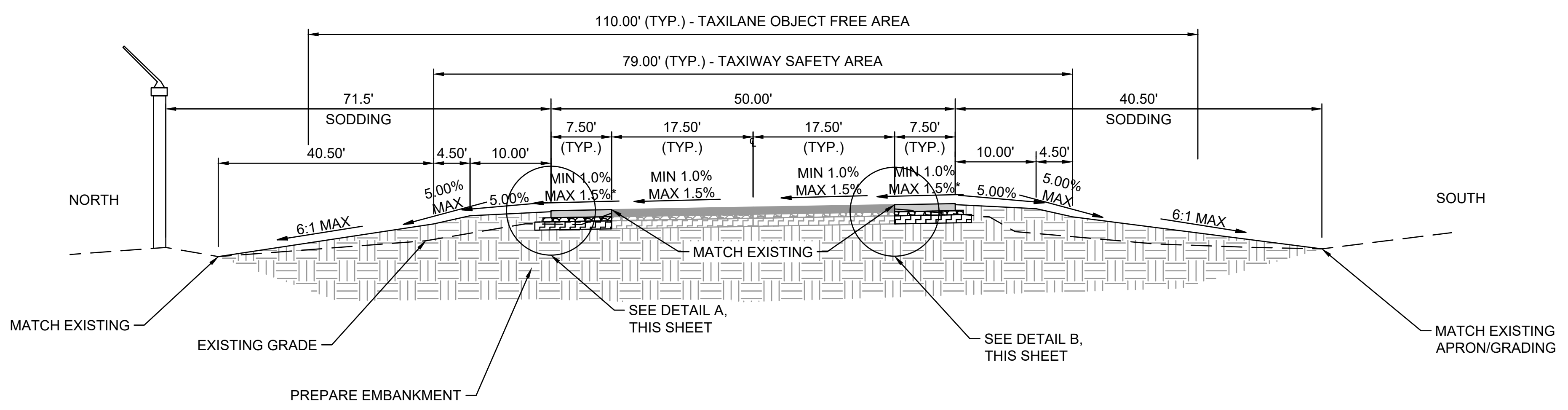


8 TAXIWAY A4 TYPICAL SECTION
 CP303 SCALE: NONE

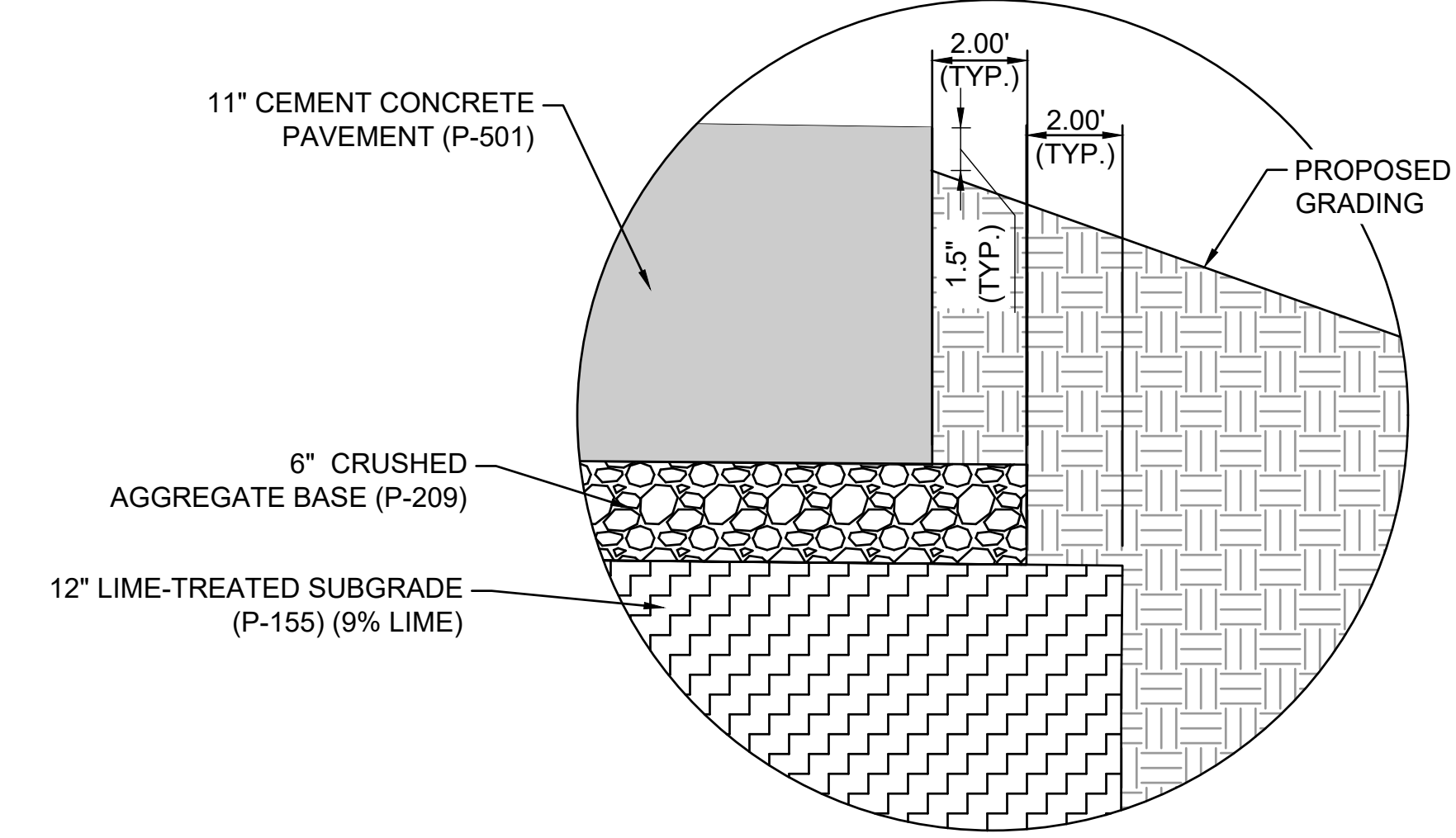


11 TEMPORARY TAXILANE SECTION DETAIL
 CP303 SCALE: NONE

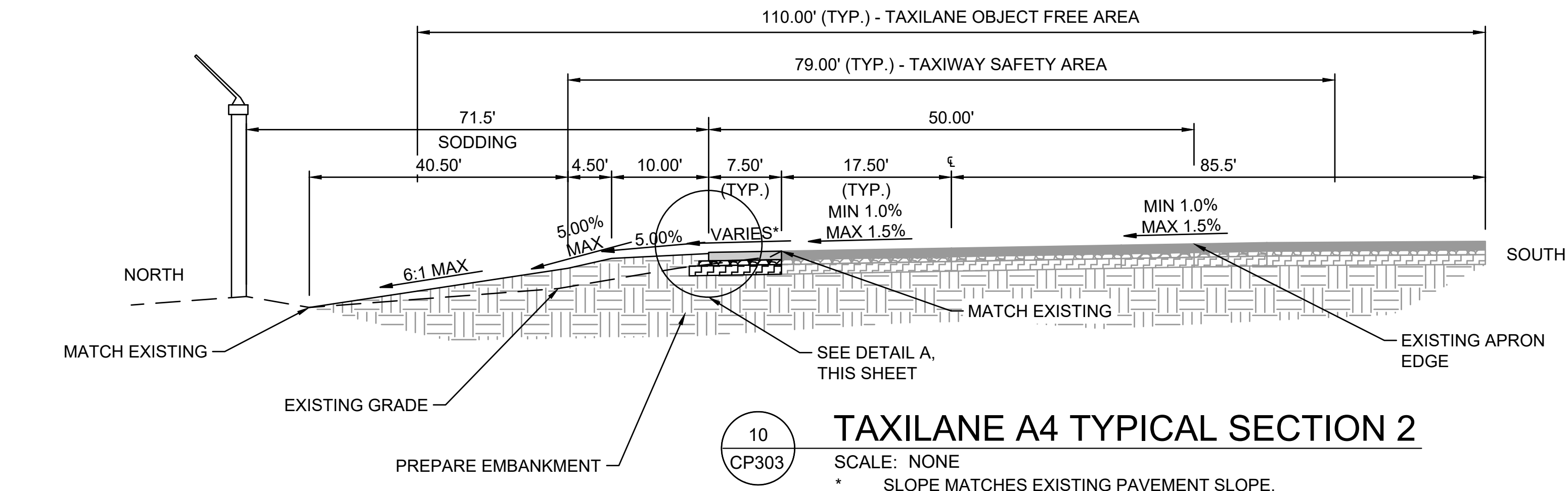
- NOTES:
1. WORK ASSOCIATED WITH THE TEMPORARY TAXILANE CONSTRUCTION SHALL BE PAID UNDER ITEM SS-120-3.2.
 2. EXCAVATION AND REMOVAL OF PAVEMENT ASSOCIATED WITH THE TEMPORARY TAXILANE SHALL BE CONSIDERED INCIDENTAL TO ITEM SS-120-3.2.



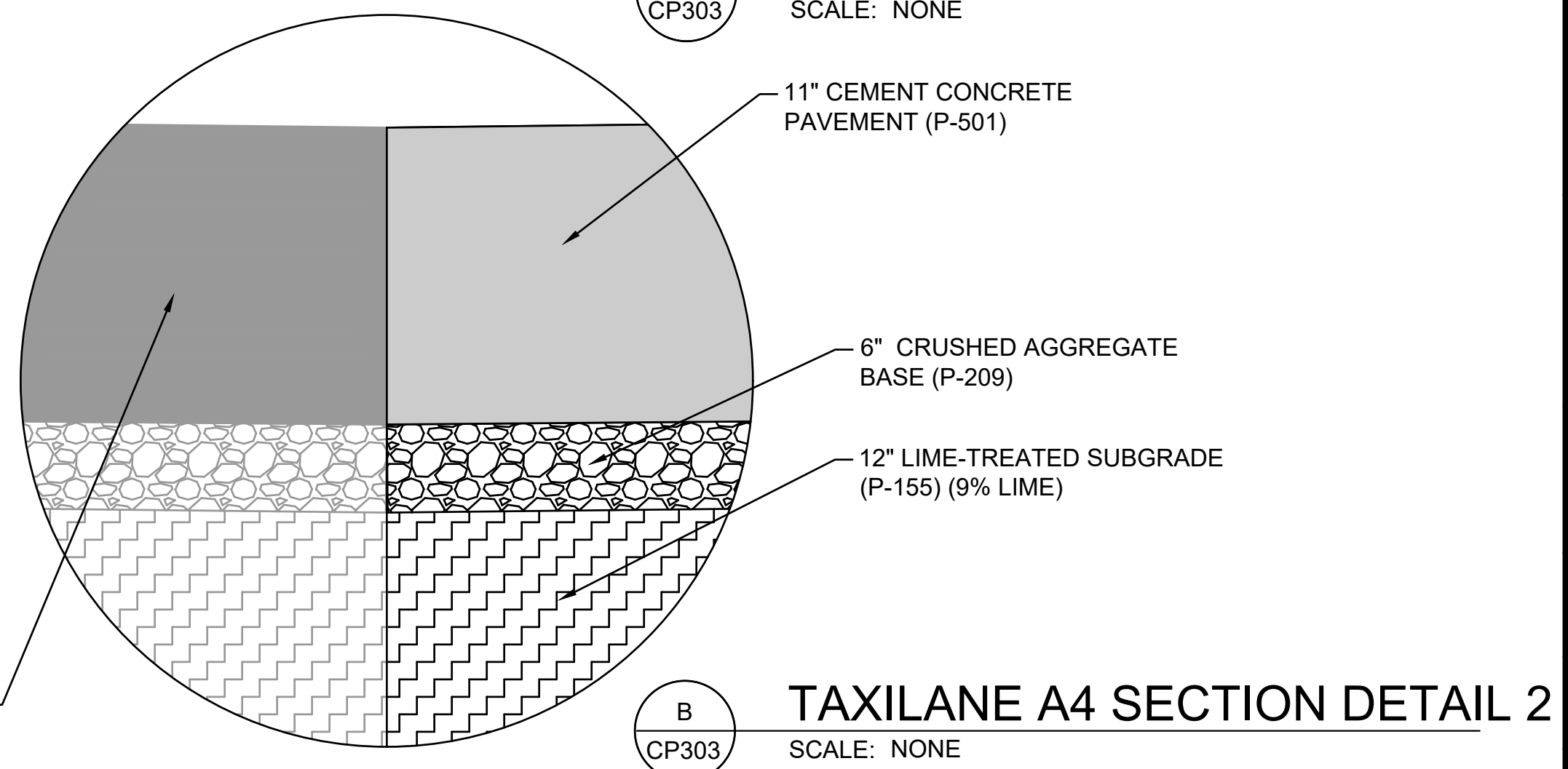
9 TAXILANE A4 TYPICAL SECTION 1
 CP303 SCALE: NONE
 * SLOPE MATCHES EXISTING PAVEMENT SLOPE.



A TAXILANE A4 SECTION DETAIL 1
 CP303 SCALE: NONE



10 TAXILANE A4 TYPICAL SECTION 2
 CP303 SCALE: NONE
 * SLOPE MATCHES EXISTING PAVEMENT SLOPE.



B TAXILANE A4 SECTION DETAIL 2
 CP303 SCALE: NONE

File: I:\2024\11-2402725 - tk taxiway alpha phase\Drawings\2402725-CP301.dwg Last Save: 3/19/2026 10:42 AM Last saved by: T.Machost
 Last plotted by: Machost, Tyler J. Plot Style: AECmono.ctb Plot Scale: 1:1 Plot Date: 3/20/2026 10:43 AM Plotter used: AutoCAD PDF (General Documentation).prt3

ITEM D-701 PIPE FOR STORM DRAINS AND CULVERTS

DESCRIPTION

701-1.1 This item shall consist of the construction of pipe culverts and storm drains in accordance with these specifications and in reasonably close conformity with the lines and grades shown on the plans. *All reinforced concrete pipe shall be Class IV pipe unless otherwise denoted on the plans. No pick-eye holes will be allowed.*

MATERIALS

701-2.1 Materials shall meet the requirements shown on the plans and specified below. Underground piping and components used in drainage systems for terminal and aircraft fueling ramp drainage shall be noncombustible and inert to fuel in accordance with National Fire Protection Association (NFPA) 415.

701-2.2 Pipe. The pipe shall be of the type called for on the plans or in the proposal and shall be in accordance with the following appropriate requirements:

ASTM C76 Standard Specification for Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe

ASTM F2736 Standard Specification for 6 to 30 in. (152 to 762 mm) Polypropylene (PP) Corrugated Single Wall Pipe and Double Wall Pipe

ASTM F2764 Standard Specification for 30 to 60 in. (750 to 1500 mm) Polypropylene (PP) Triple Wall Pipe and Fittings for Non-Pressure Sanitary Sewer Applications

ASTM F2881 Standard Specification for 12 to 60 in. (300 to 1500 mm) Polypropylene (PP) Dual Wall Pipe and Fittings for Non-Pressure Storm Sewer Applications

701-2.3 Concrete. Concrete for pipe cradles shall have a minimum compressive strength of 2000 psi at 28 days and conform to the requirements of ASTM C94.

701-2.4 Rubber gaskets. Rubber gaskets for rigid pipe shall conform to the requirements of ASTM C443. Rubber gaskets for PVC pipe, polyethylene, and polypropylene pipe shall conform to the requirements of ASTM F477. Rubber gaskets for zinc-coated steel pipe and pre-coated galvanized pipe shall conform to the requirements of ASTM D1056, for the "RE" closed cell grades. Rubber gaskets for steel reinforced thermoplastic ribbed pipe shall conform to the requirements of ASTM F477.

701-2.5 Joint mortar. Not used.

701-2.6 Joint fillers. Not used.

701-2.7 Plastic gaskets. Plastic gaskets shall conform to the requirements of ASTM C990.

701-2.8. Controlled low-strength material (CLSM). Not used.

701-2.9 Precast box culverts. Manufactured in accordance with and conforming to ASTM C1433.

701-2.10 Precast concrete pipe. Precast concrete structures shall be furnished by a plant meeting National Precast Concrete Association Plant Certification Program or American Concrete Pipe Association QCast Plant Certification program.

CONSTRUCTION METHODS

701-3.1 Excavation. The width of the pipe trench shall be sufficient to permit satisfactory jointing of the pipe and thorough tamping of the bedding material under and around the pipe, but it shall not be less than the external diameter of the pipe plus 12 inches on each side. The trench walls shall be approximately vertical.

The Contractor shall comply with all current federal, state and local rules and regulations governing the safety of men and materials during the excavation, installation and backfilling operations. Specifically, the Contractor shall observe that all requirements of the Occupational Safety and Health Administration (OSHA) relating to excavations, trenching and shoring are strictly adhered to. The width of the trench shall be sufficient to permit satisfactorily jointing of the pipe and thorough compaction of the bedding material under the pipe and backfill material around the pipe, but it shall not be greater than the widths shown on the plans trench detail.

Where rock, hardpan, or other unyielding material is encountered, the Contractor shall remove it from below the foundation grade for a depth of at least 8 inch or 1/2 inch for each foot of fill over the top of the pipe (whichever is greater) but for no more than three-quarters of the nominal diameter of the pipe. The excavation below grade should be filled with granular material to form a uniform foundation.

Where a firm foundation is not encountered at the grade established, due to soft, spongy, or other unstable soil, the unstable soil shall be removed and replaced with approved granular material for the full trench width. The RPR shall determine the depth of removal necessary. The granular material shall be compacted to provide adequate support for the pipe.

The excavation for pipes placed in embankment fill shall not be made until the embankment has been completed to a height above the top of the pipe as shown on the plans.

701-3.2 Bedding. The bedding surface for the pipe shall provide a foundation of uniform density to support the pipe throughout its entire length.

a. Rigid pipe. The pipe bedding shall be constructed uniformly for the full length of the pipe barrel, as required on the plans. The maximum aggregate size shall be 1 in when the bedding thickness is less than 6 inches, and 1-1/2 in when the bedding thickness is greater than 6 inches. Bedding shall be *number 57 stone or 67 stone as defined in ASTM C 33 or approved equal*. ~~loosely placed uncompacted material under the middle third of the pipe prior to placement of the pipe.~~

b. Flexible pipe. For flexible pipe, the bed shall be roughly shaped to fit the pipe, and a bedding blanket of sand or fine granular material shall be provided as follows:

Flexible Pipe Bedding

Pipe Corrugation Depth		Minimum Bedding Depth	
inch	mm	inch	mm
1/2	12	1	25
1	25	2	50
2	50	3	75
2-1/2	60	3-1/2	90

c. Other pipe materials. For PVC, polyethylene, polypropylene, or fiberglass pipe, the bedding material shall consist of coarse sands and gravels with a maximum particle size of 3/4 inches. For pipes installed under paved areas, no more than 12% of the material shall pass the No. 200 (0.075 mm) sieve. For all other areas, no more than 50% of the material shall pass the No. 200 (0.075 mm) sieve. The bedding shall have a thickness of at least 6 inches below the bottom of the pipe and extend up around the pipe for a depth of not less than 50% of the pipe's vertical outside diameter.

701-3.3 Laying pipe. The pipe laying shall begin at the lowest point of the trench and proceed upgrade. The lower segment of the pipe shall be in contact with the bedding throughout its full length. Bell or groove ends of rigid pipes and outside circumferential laps of flexible pipes shall be placed facing upgrade.

Paved or partially lined pipe shall be placed so that the longitudinal center line of the paved segment coincides with the flow line.

Elliptical and elliptically reinforced concrete pipes shall be placed with the manufacturer's reference lines designating the top of the pipe within five degrees of a vertical plane through the longitudinal axis of the pipe.

701-3.4 Joining pipe. Joints shall be made with (1) cement mortar, (2) cement grout, (3) rubber gaskets, (4) plastic gaskets, (5) coupling bands

Mortar joints shall be made with an excess of mortar to form a continuous bead around the outside of the pipe and shall be finished smooth on the inside. Molds or runners shall be used for grouted joints to retain the poured grout. Rubber ring gaskets shall be installed to form a flexible watertight seal.

a. Concrete pipe. Concrete pipe may be either bell and spigot or tongue and groove. Pipe sections at joints shall be fully seated and the inner surfaces flush and even. Concrete pipe joints shall be sealed with rubber gaskets meeting ASTM C443 when leak resistant joints are required or concrete pipe joints shall be sealed with butyl mastic meeting ASTM C990 or mortar when soil tight joints are required. Joints shall be thoroughly wetted before applying mortar or grout.

~~**b. Metal pipe.** Metal pipe shall be firmly joined by form-fitting bands conforming to the requirements of ASTM A760 for steel pipe and AASHTO M196 for aluminum pipe.~~

c. PVC, Polyethylene, or Polypropylene pipe. Joints for PVC, Polyethylene, or Polypropylene pipe shall conform to the requirements of ASTM D3212 when leak resistant joints are required. Joints for PVC and Polyethylene pipe shall conform to the requirements of AASHTO M304 when soil tight joints are required. Fittings for polyethylene pipe shall conform to the requirements of AASHTO M252 or ASTM M294. Fittings for polypropylene pipe shall conform to ASTM F2881, ASTM F2736, or ASTM F2764.

~~**d. Fiberglass pipe.** Joints and fittings shall be as detailed on the plans and in accordance with the manufacturers recommendations. [Joints shall meet the requirements of ASTM D4161 for flexible elastomeric seals.] [Enter manufacturers joint installation requirements.]~~

701-3.5 Embedment and Overfill. Pipes shall be inspected before any fill material is placed; any pipes found to be out of alignment, unduly settled, or damaged shall be removed and re-laid or replaced at the Contractor's expense.

701-3.5-1 Embedment Material Requirements

a. Concrete Pipe. Embedment material and compaction requirements shall be in accordance with the applicable Type of Standard Installation (Types 1, 2, 3, or 4) per ASTM C1479. If a concrete cradle or CLSM embedment material is used, it shall conform to the plan details.

b. Plastic and fiberglass Pipe. Embedment material shall meet the requirements of ASTM D3282, A-1, A-2-4, A-2-5, or A-3. Embedment material shall be free of organic material, stones larger than 1.5 inches in the greatest dimension, or frozen lumps. Embedment material shall extend to 12 inches above the top of the pipe.

~~**c. Metal Pipe.** Embedment material shall be granular as specified in the contract document and specifications, and shall be free of organic material, rock fragments larger than 1.5 inches in the greatest dimension and frozen lumps. As a minimum, backfill materials shall meet the requirements of ASTM D3282, A-1, A-2, or A-3. Embedment material shall extend to 12 inches above the top of the pipe.~~

701-3.5-2 Placement of Embedment Material. The embedment material shall be compacted in layers not exceeding 6 inches on each side of the pipe and shall be brought up one foot above the top of the pipe or to natural ground level, whichever is greater. Thoroughly compact the embedment material under the haunches of the pipe without displacing the pipe. Material shall be brought up evenly on each side of the pipe for the full length of the pipe.

When the top of the pipe is above the top of the trench, the embedment material shall be compacted in layers not exceeding 6 inches and shall be brought up evenly on each side of the pipe to one foot above the top of the pipe. All embedment material shall be compacted to a density required under Item P-152.

Concrete cradles and flowable fills, such as controlled low strength material (CLSM) or controlled density fill (CDF), may be used for embedment provided adequate flotation resistance can be achieved by restraints, weighing, or placement technique.

It shall be the Contractor's responsibility to protect installed pipes and culverts from damage due to construction equipment operations. The Contractor shall be responsible for installation of any extra strutting or backfill required to protect pipes from the construction equipment.

701-3.6 Overfill. Pipes shall be inspected before any overfill is in place. Any pipes found to be out of alignment, unduly settled, or damaged shall be removed and relaid or replaced at the Contractor's expense. Evaluation of any damage to RCP shall be evaluated based on AASHTO R73.

Overfill material shall be placed and compacted in layers as required to achieve compaction to at least 95 percent standard proctor per ASTM D1557. The soil shall contain no debris, organic matter, frozen material, or stones with a diameter greater than one half the thickness of the compacted layers being placed.

701-3.7 Inspection Requirements

An initial post installation inspection shall be performed by the RPR no sooner than 30 days after completion of installation and final backfill. Clean or flush all lines prior to inspection.

The Contractor shall use a camera with lighting suitable to allow a clear picture of the entire periphery of the pipe interior. Center the camera in the pipe both vertically and horizontally and be able to pan and tilt to a 90 degree angle with the axis of the pipe rotating 360 degrees. Use equipment to move the camera through the pipe that will not obstruct the camera's view or interfere with proper documentation of the pipe's condition. The video image shall be clear, focused, and relatively free from roll, static, or other image distortion qualities that would prevent the reviewer from evaluating the condition of the pipe.

Reinforced concrete pipe shall be inspected, evaluated, and reported on in accordance with ASTM C1840, "Standard Practice for Inspection and Acceptance of Installed Reinforced Concrete Culvert, Storm Drain, and Storm Sewer Pipe." Any issues reported shall include still photo and video documentation. The zoom ratio shall be provided for all still or video images that document any issues of concern by the inspection firm.

Flexible pipes shall be inspected for rips, tears, joint separations, soil migration, cracks, localized buckling, settlement, alignment, and deflection.

METHOD OF MEASUREMENT

701-4.1 The length of pipe shall be measured in linear feet of pipe in place, completed, and accepted. It shall be measured along the centerline of the pipe from end or inside face of structure to the end or inside face of structure, whichever is applicable. The 24-inch Reinforced Concrete Pipe (Class IV) shall be measured separately. All fittings shall be included in the footage as typical pipe sections in the pipe being measured.

701-4.2. *The volume of bedding will not be measured for separate payment but will be considered subsidiary to pipe installation.*

BASIS OF PAYMENT

701-5.0 These prices shall fully compensate the Contractor for furnishing all materials and for all preparation, excavation, and installation of these materials; and for all labor, equipment, tools, and incidentals necessary to complete the item.

701-5.1 Payment will be made at the contract unit price per linear foot for 24-inch Reinforced Concrete Pipe (Class IV).

Payment will be made under:

Item D-701-5.1 24" Reinforced Concrete Pipe (Class IV) - per linear foot

Item D-701-5.2 18" Reinforced Concrete Pipe (Class III) – per linear foot

REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

American Association of State Highway and Transportation Officials (AASHTO)

AASHTO M167	Standard Specification for Corrugated Steel Structural Plate, Zinc-Coated, for Field-Bolted Pipe, Pipe-Arches, and Arches
AASHTO M190	Standard Specification for Bituminous-Coated Corrugated Metal Culvert Pipe and Pipe Arches
AASHTO M196	Standard Specification for Corrugated Aluminum Pipe for Sewers and Drains
AASHTO M219	Standard Specification for Corrugated Aluminum Alloy Structural Plate for Field-Bolted Pipe, Pipe-Arches, and Arches
AASHTO M243	Standard Specification for Field Applied Coating of Corrugated Metal Structural Plate for Pipe, Pipe-Arches, and Arches
AASHTO M252	Standard Specification for Corrugated Polyethylene Drainage Pipe
AASHTO M294	Standard Specification for Corrugated Polyethylene Pipe, 300- to 1500-mm (12- to 60-in.) Diameter
AASHTO M304	Standard Specification for Poly (Vinyl Chloride) (PVC) Profile Wall Drain Pipe and Fittings Based on Controlled Inside Diameter
AASHTO MP20	Standard Specification for Steel Reinforced Polyethylene (PE) Ribbed Pipe, 300- to 900-mm (12- to 36-in.) Diameter

ASTM International (ASTM)

ASTM A760	Standard Specification for Corrugated Steel Pipe, Metallic Coated for Sewers and Drains
ASTM A761	Standard Specification for Corrugated Steel Structural Plate, Zinc Coated, for Field-Bolted Pipe, Pipe-Arches, and Arches
ASTM A762	Standard Specification for Corrugated Steel Pipe, Polymer Precoated for Sewers and Drains
ASTM A849	Standard Specification for Post-Applied Coatings, Pavings, and Linings for Corrugated Steel Sewer and Drainage Pipe
ASTM B745	Standard Specification for Corrugated Aluminum Pipe for Sewers and Drains
ASTM C14	Standard Specification for Nonreinforced Concrete Sewer, Storm Drain, and Culvert Pipe
ASTM C76	Standard Specification for Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe
ASTM C94	Standard Specification for Ready Mixed Concrete
ASTM C144	Standard Specification for Aggregate for Masonry Mortar

ASTM C150	Standard Specification for Portland Cement
ASTM C443	Standard Specification for Joints for Concrete Pipe and Manholes, Using Rubber Gaskets
ASTM C506	Standard Specification for Reinforced Concrete Arch Culvert, Storm Drain, and Sewer Pipe
ASTM C507	Standard Specification for Reinforced Concrete Elliptical Culvert, Storm Drain and Sewer Pipe
ASTM C655	Standard Specification for Reinforced Concrete D-Load Culvert, Storm Drain and Sewer Pipe
ASTM C990	Standard Specification for Joints for Concrete Pipe, Manholes, and Precast Box Sections Using Preformed Flexible Joint Sealants
ASTM C1433	Standard Specification for Precast Reinforced Concrete Monolithic Box Sections for Culverts, Storm Drains, and Sewers
ASTM D1056	Standard Specification for Flexible Cellular Materials Sponge or Expanded Rubber
ASTM D3034	Standard Specification for Type PSM Poly (Vinyl Chloride) (PVC) Sewer Pipe and Fittings
ASTM D3212	Standard Specification for Joints for Drain and Sewer Plastic Pipes Using Flexible Elastomeric Seals
ASTM D3262	Standard Specification for "Fiberglass" (Glass-Fiber Reinforced Thermosetting Resin) Sewer Pipe
ASTM D3282	Standard Practice for Classification of Soils and Soil-Aggregate Mixtures for Highway Construction Purposes
ASTM D4161	Standard Specification for "Fiberglass" (Glass-Fiber Reinforced Thermosetting Resin) Pipe Joints Using Flexible Elastomeric Seals
ASTM D6690	Standard Specification for Joint and Crack Sealants, Hot Applied, for Concrete and Asphalt Pavements
ASTM F477	Standard Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe
ASTM F667	Standard Specification for 3 through 24 in. Corrugated Polyethylene Pipe and Fittings
ASTM F714	Standard Specification for Polyethylene (PE) Plastic Pipe (DR PR) Based on Outside Diameter
ASTM F794	Standard Specification for Poly (Vinyl Chloride) (PVC) Profile Gravity Sewer Pipe & Fittings Based on Controlled Inside Diameter
ASTM F894	Standard Specification for Polyethylene (PE) Large Diameter Profile Wall Sewer and Drain Pipe
ASTM F949	Standard Specification for Poly (Vinyl Chloride) (PVC) Corrugated Sewer Pipe with a Smooth Interior and Fittings
ASTM F2435	Standard Specification for Steel Reinforced Polyethylene (PE) Corrugated Pipe

ASTM F2562	Specification for Steel Reinforced Thermoplastic Ribbed Pipe and Fittings for Non-Pressure Drainage and Sewerage
ASTM F2736	Standard Specification for 6 to 30 in. (152 to 762 mm) Polypropylene (PP) Corrugated Single Wall Pipe and Double Wall Pipe
ASTM F2764	Standard Specification for 30 to 60 in. (750 to 1500 mm) Polypropylene (PP) Triple Wall Pipe and Fittings for Non-Pressure Sanitary Sewer Applications
ASTM F2881	Standard Specification for 12 to 60 in. (300 to 1500 mm) Polypropylene (PP) Dual Wall Pipe and Fittings for Non-Pressure Storm Sewer Applications

National Fire Protection Association (NFPA)

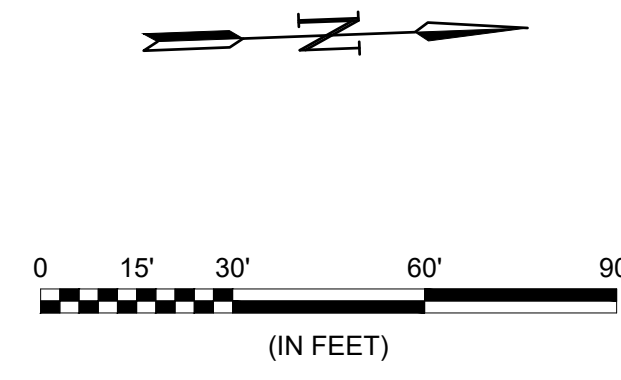
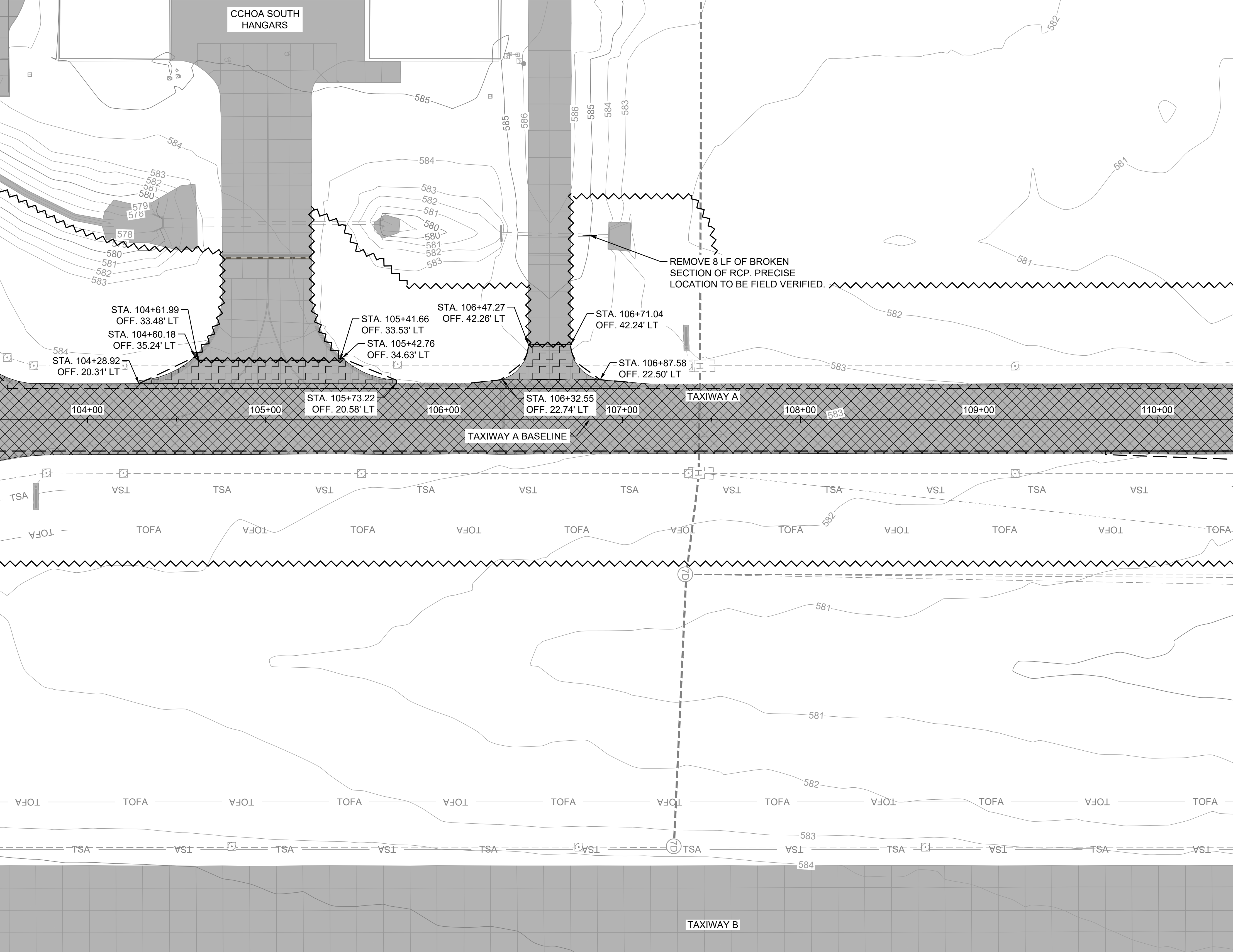
NFPA 415	Standard on Airport Terminal Buildings, Fueling Ramp Drainage, and Loading Walkways
----------	---

END ITEM D-701

PAGE INTENTIONALLY LEFT BLANK

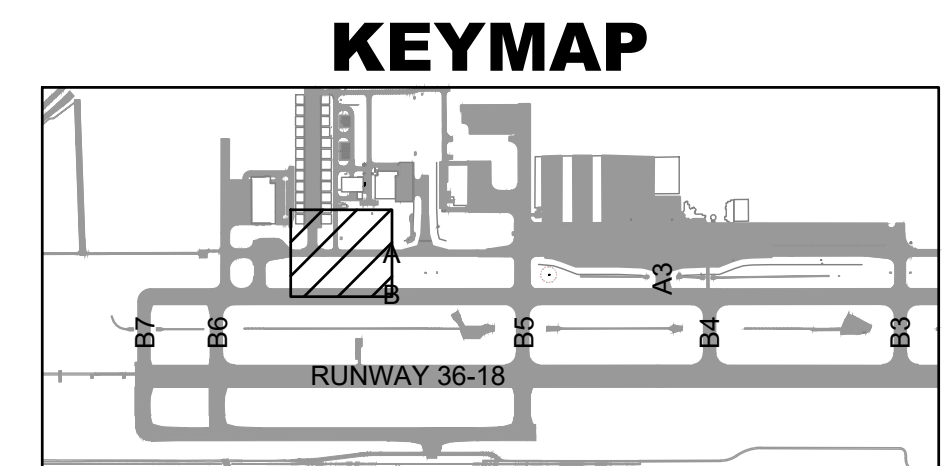
CAUTION: UNDERGROUND UTILITIES EXIST WITHIN AND ADJACENT TO THE LIMITS OF CONSTRUCTION. AN ATTEMPT HAS BEEN MADE TO LOCATE THESE UTILITIES ON THE PLANS. HOWEVER, ALL EXISTING UTILITIES MAY NOT BE SHOWN AND THE ACTUAL LOCATIONS OF THE UTILITIES MAY VARY FROM THE LOCATIONS SHOWN. PRIOR TO BEGINNING ANY TYPE OF EXCAVATION, THE CONTRACTOR SHALL CONTACT THE UTILITIES INVOLVED AND MAKE ARRANGEMENTS FOR THE LOCATION OF THE UTILITIES ON THE GROUND. THE CONTRACTOR SHALL MAINTAIN THE UTILITY LOCATION MARKINGS UNTIL THEY ARE NO LONGER NECESSARY.

TEXAS STATE LAW, THE UNDERGROUND FACILITIES DAMAGE PREVENTION ACT, REQUIRES SUFFICIENT ADVANCE NOTIFICATION THROUGH THE TEXAS ONE-CALL SYSTEM CENTER BEFORE EXCAVATING USING MECHANIZED EQUIPMENT (EXCEPT IN THE CASE OF AN EMERGENCY). THE ONE-CALL SYSTEM PHONE NUMBER IS 1-800-344-8377. THE CONTRACTOR IS ADVISED THAT THERE IS A SEVERE PENALTY FOR NOT MAKING THIS CALL. NOT ALL UTILITY COMPANIES ARE MEMBERS OF THE TEXAS ONE-SYSTEM; THEREFORE, THE CONTRACTOR IS ADVISED TO CONTACT ALL NON-MEMBER UTILITIES AS WELL AS THE ONE-CALL SYSTEM.



LEGEND	
	EXISTING PAVEMENT
	EXISTING CONTOUR
	ASPHALT PAVEMENT REMOVAL
	CONCRETE PAVEMENT REMOVAL
	TAXIWAY SAFETY AREA
	TAXIWAY OBJECT FREE AREA
	EXISTING STORM DRAIN PIPE
	EXISTING DRAINAGE STRUCTURE
	EXISTING TAXIWAY LIGHT
	PROPOSED PAVEMENT LIMITS
	PROPOSED GRADING LIMITS
	PAVEMENT MARKING REMOVAL
	STORM PIPE REMOVAL
	SINGULAR ITEM REMOVAL

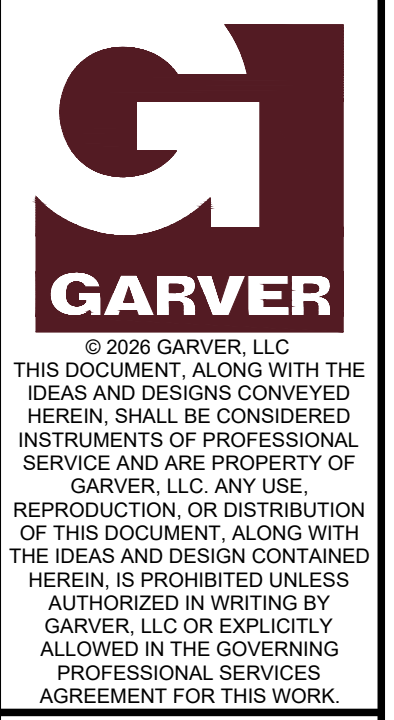
NOTES:
 1. SEE SHEET CD101 FOR DEMOLITION NOTES.



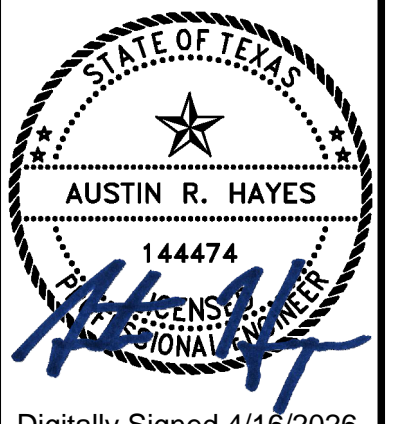
MATCHLINE STA 103+50 SHEET CD101

MATCHLINE STA 110+50 SHEET CD103

File: K:\2024\A11-2402725 - TKI Taxiway Alpha Phase I\Drawings\2402725-CD101.dwg Last Save: 4/14/2026 4:30 PM Last saved by: TJMachost
 Last plotted by: Machost, Tyler J. Plot Style: AECmono.ctb Plot Scale: 1:1 Plot Date: 4/16/2026 8:04 AM Plotter used: AutoCAD PDF (General Documentation).pc3



REGISTRATION NO. F-5713



Digitally Signed 4/16/2026

REV.	DATE	DESCRIPTION	BY
1	04/16/26	ADDENDUM NO. 1	ARH

TKI
 MCKINNEY NATIONAL AIRPORT
 MCKINNEY, TX
 TAXIWAY A REHABILITATION PHASE II

EXISTING CONDITIONS AND DEMOLITION PLAN 2

JOB NO.: A11-2402725
 DATE: MAR 2026
 DESIGNED BY: TJM
 DRAWN BY: JAH

BAR IS ONE INCH ON ORIGINAL DRAWING
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
CD102
 SHEET NUMBER
28

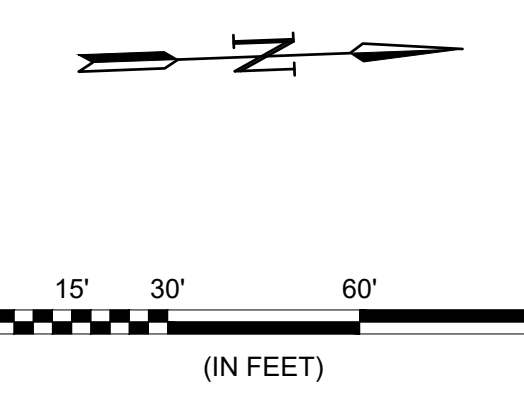
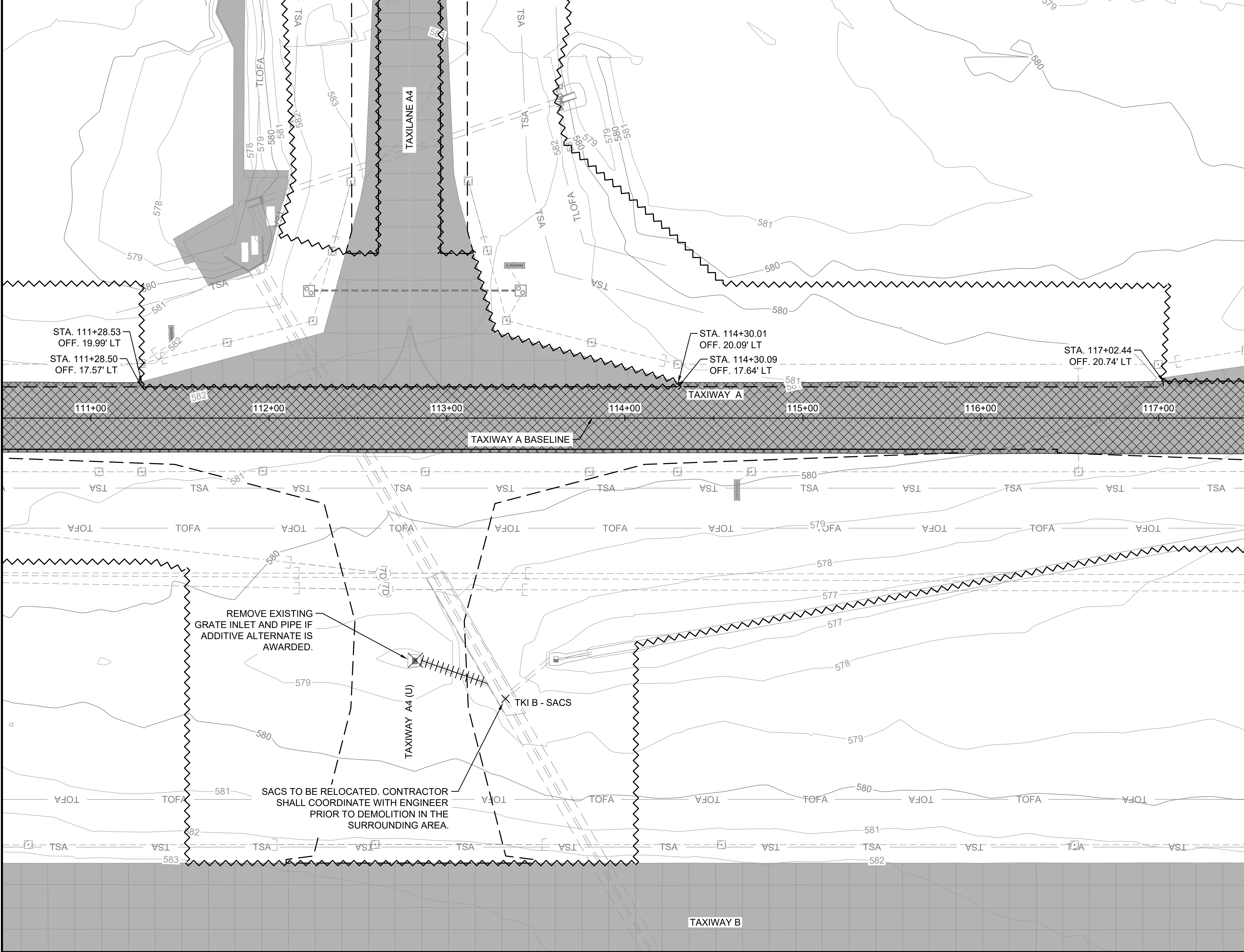
File: K:\2024\A11-2402725 - TKI Taxiway Alpha Phase I\Drawings\2402725-CD101.dwg Last Save: 4/14/2026 4:30 PM Last saved by: TJMachost
 Last plotted by: Machost, Tyler J. Plot Style: AECmono.ctb Plot Scale: 1:1 Plot Date: 4/16/2026 8:04 AM Plotter used: AutoCAD PDF (General Documentation).pc3

MATCHLINE STA 110+50 SHEET CD102

MATCHLINE STA 117+50 SHEET CD104

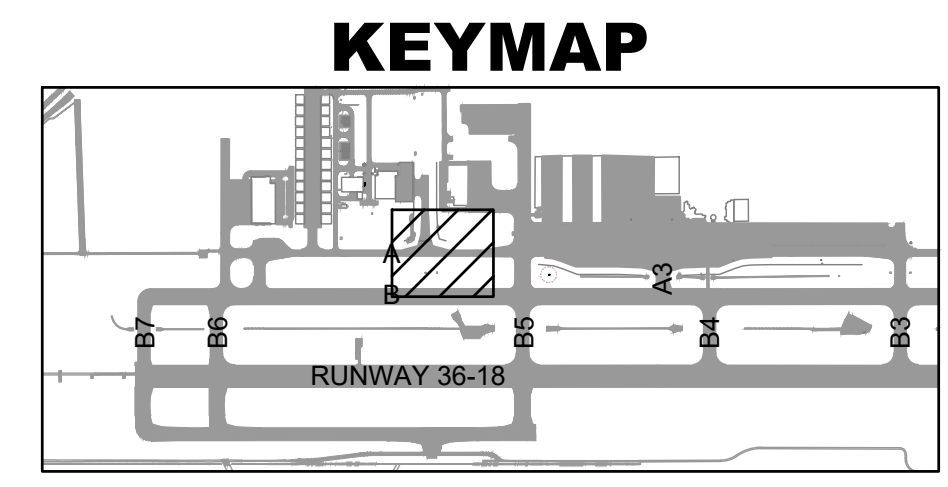
CAUTION: UNDERGROUND UTILITIES EXIST WITHIN AND ADJACENT TO THE LIMITS OF CONSTRUCTION. AN ATTEMPT HAS BEEN MADE TO LOCATE THESE UTILITIES ON THE PLANS. HOWEVER, ALL EXISTING UTILITIES MAY NOT BE SHOWN AND THE ACTUAL LOCATIONS OF THE UTILITIES MAY VARY FROM THE LOCATIONS SHOWN. PRIOR TO BEGINNING ANY TYPE OF EXCAVATION, THE CONTRACTOR SHALL CONTACT THE UTILITIES INVOLVED AND MAKE ARRANGEMENTS FOR THE LOCATION OF THE UTILITIES ON THE GROUND. THE CONTRACTOR SHALL MAINTAIN THE UTILITY LOCATION MARKINGS UNTIL THEY ARE NO LONGER NECESSARY.

TEXAS STATE LAW, THE UNDERGROUND FACILITIES DAMAGE PREVENTION ACT, REQUIRES SUFFICIENT ADVANCE NOTIFICATION THROUGH THE TEXAS ONE-CALL SYSTEM CENTER BEFORE EXCAVATING USING MECHANIZED EQUIPMENT (EXCEPT IN THE CASE OF AN EMERGENCY). THE ONE-CALL SYSTEM PHONE NUMBER IS 1-800-344-8377. THE CONTRACTOR IS ADVISED THAT THERE IS A SEVERE PENALTY FOR NOT MAKING THIS CALL. NOT ALL UTILITY COMPANIES ARE MEMBERS OF THE TEXAS ONE-SYSTEM; THEREFORE, THE CONTRACTOR IS ADVISED TO CONTACT ALL NON-MEMBER UTILITIES AS WELL AS THE ONE-CALL SYSTEM.



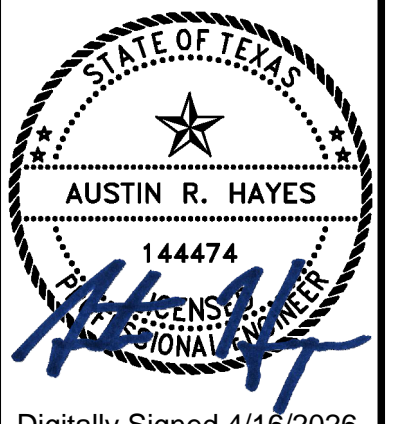
LEGEND	
	EXISTING PAVEMENT
	EXISTING CONTOUR
	ASPHALT PAVEMENT REMOVAL
	TAXIWAY SAFETY AREA
	TAXIWAY OBJECT FREE AREA
	EXISTING STORM DRAIN PIPE
	EXISTING DRAINAGE STRUCTURE
	EXISTING TAXIWAY LIGHT
	PROPOSED PAVEMENT LIMITS
	PROPOSED GRADING LIMITS
	PAVEMENT MARKING REMOVAL
	STORM PIPE REMOVAL
	SINGULAR ITEM REMOVAL
	EXISTING SANITARY SEWER LINE

NOTES:
 1. SEE SHEET CD101 FOR DEMOLITION NOTES



GARVER
 © 2026 GARVER, LLC
 THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

REGISTRATION NO. F-5713



Digitally Signed 4/16/2026

REV.	DATE	DESCRIPTION	BY
1	04/16/26	ADDENDUM NO. 1	ARH

TKI
 MCKINNEY NATIONAL AIRPORT
 MCKINNEY, TX
 TAXIWAY A REHABILITATION PHASE II

EXISTING CONDITIONS AND DEMOLITION PLAN 3

JOB NO.: A11-2402725
 DATE: MAR 2026
 DESIGNED BY: TJM
 DRAWN BY: JAH

BAR IS ONE INCH ON ORIGINAL DRAWING
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

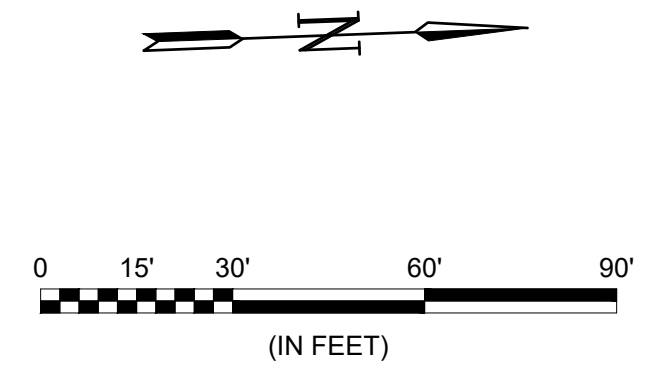
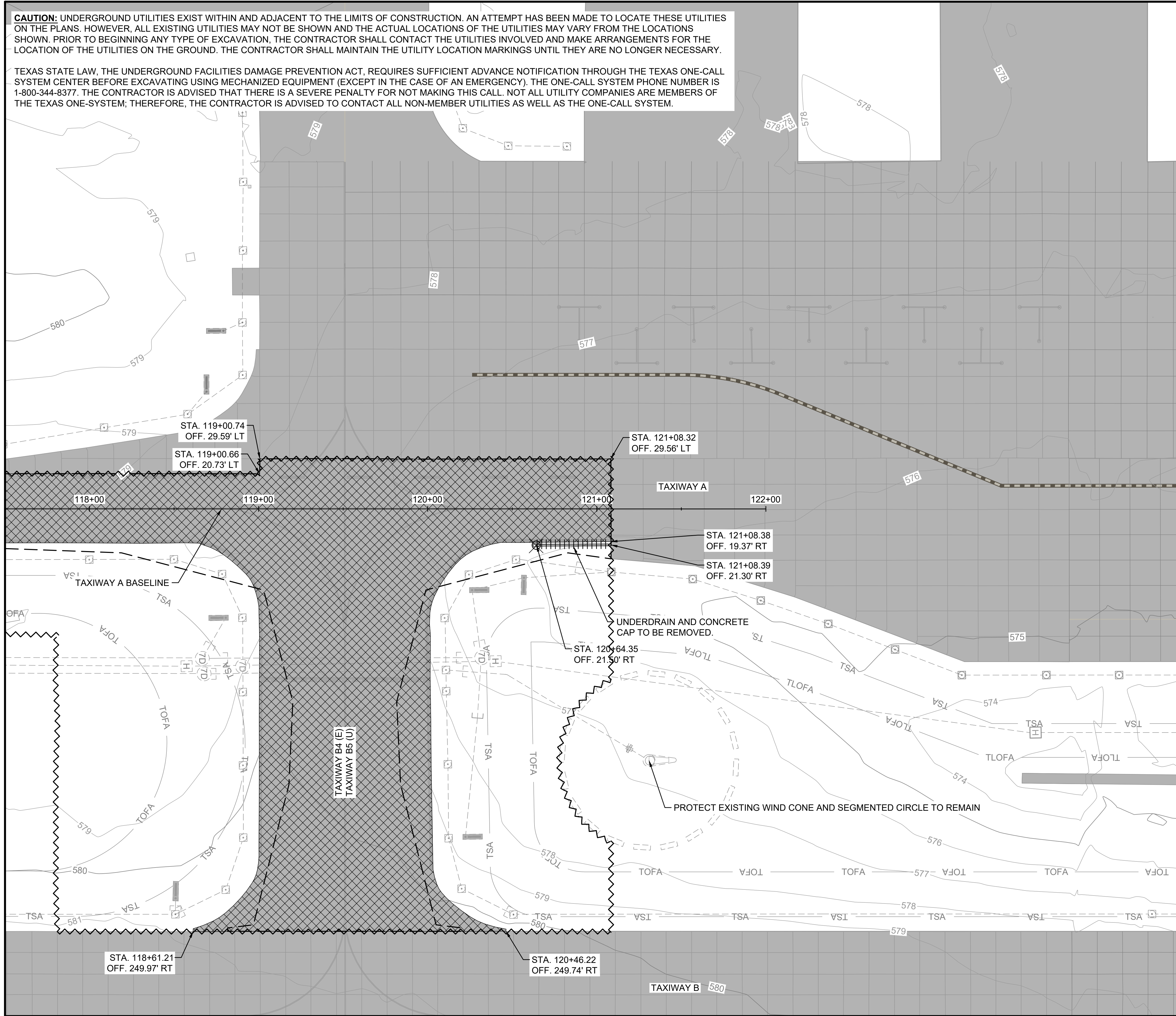
DRAWING NUMBER
CD103

SHEET NUMBER
29

CAUTION: UNDERGROUND UTILITIES EXIST WITHIN AND ADJACENT TO THE LIMITS OF CONSTRUCTION. AN ATTEMPT HAS BEEN MADE TO LOCATE THESE UTILITIES ON THE PLANS. HOWEVER, ALL EXISTING UTILITIES MAY NOT BE SHOWN AND THE ACTUAL LOCATIONS OF THE UTILITIES MAY VARY FROM THE LOCATIONS SHOWN. PRIOR TO BEGINNING ANY TYPE OF EXCAVATION, THE CONTRACTOR SHALL CONTACT THE UTILITIES INVOLVED AND MAKE ARRANGEMENTS FOR THE LOCATION OF THE UTILITIES ON THE GROUND. THE CONTRACTOR SHALL MAINTAIN THE UTILITY LOCATION MARKINGS UNTIL THEY ARE NO LONGER NECESSARY.

TEXAS STATE LAW, THE UNDERGROUND FACILITIES DAMAGE PREVENTION ACT, REQUIRES SUFFICIENT ADVANCE NOTIFICATION THROUGH THE TEXAS ONE-CALL SYSTEM CENTER BEFORE EXCAVATING USING MECHANIZED EQUIPMENT (EXCEPT IN THE CASE OF AN EMERGENCY). THE ONE-CALL SYSTEM PHONE NUMBER IS 1-800-344-8377. THE CONTRACTOR IS ADVISED THAT THERE IS A SEVERE PENALTY FOR NOT MAKING THIS CALL. NOT ALL UTILITY COMPANIES ARE MEMBERS OF THE TEXAS ONE-CALL SYSTEM; THEREFORE, THE CONTRACTOR IS ADVISED TO CONTACT ALL NON-MEMBER UTILITIES AS WELL AS THE ONE-CALL SYSTEM.

MATCHLINE STA 117+50 SHEET CD103



LEGEND	
	EXISTING PAVEMENT
	EXISTING CONTOUR
	ASPHALT PAVEMENT REMOVAL 1 CD501
	TAXIWAY SAFETY AREA
	TAXIWAY OBJECT FREE AREA
	EXISTING STORM DRAIN PIPE
	EXISTING DRAINAGE STRUCTURE
	EXISTING TAXIWAY LIGHT
	PROPOSED PAVEMENT LIMITS
	PROPOSED GRADING LIMITS
	PAVEMENT MARKING REMOVAL
	STORM PIPE REMOVAL
	SINGULAR ITEM REMOVAL

- NOTES:**
- SEE SHEET CD101 FOR DEMOLITION NOTES

File: K:\2024\A11-2402725 - TKI Taxiway Alpha Phase I\Drawings\2402725-CD101.dwg Last Save: 4/14/2026 4:30 PM Last saved by: TJMachost
Last plotted by: Machost, Tyler J. Plot Style: AECmono.ctb Plot Scale: 1:1 Plot Date: 4/16/2026 8:04 AM Plotter used: AutoCAD PDF (General Documentation).pc3

© 2026 GARVER, LLC
THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

REGISTRATION NO. F-5713

AUSTIN R. HAYES
144474
DIGITALLY SIGNED 4/16/2026

REV.	DATE	DESCRIPTION	BY
1	04/16/26	ADDENDUM NO. 1	ARH

McKINNEY NATIONAL AIRPORT
McKINNEY, TX
TAXIWAY A REHABILITATION PHASE II

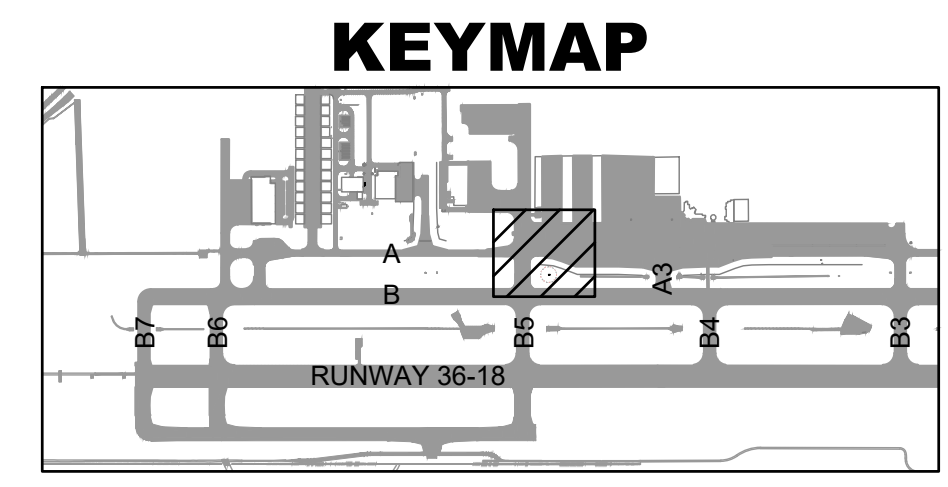
EXISTING CONDITIONS AND DEMOLITION PLAN 4

JOB NO.: A11-2402725
DATE: MAR 2026
DESIGNED BY: TJM
DRAWN BY: JAH

BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
CD104

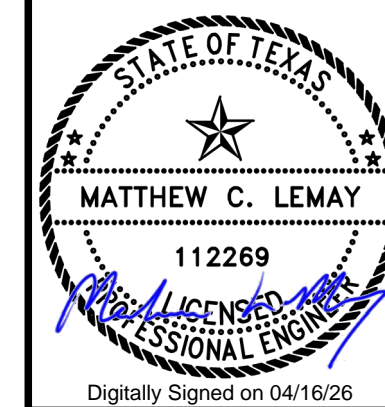
SHEET NUMBER
30



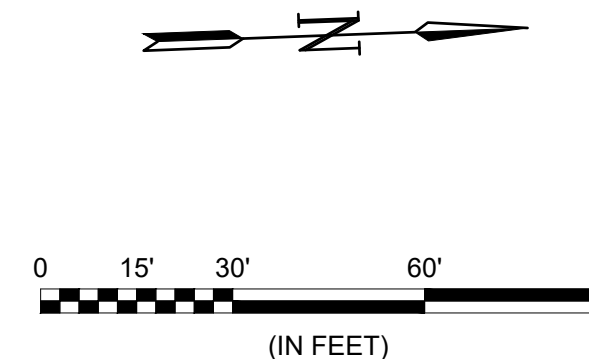


© 2025 GARVER, LLC
 THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

REGISTRATION NO. F-5713



Digitally Signed on 04/16/26



GENERAL NOTES:

- SEE SHEET EN001 FOR ELECTRICAL INSTALLATION LEGEND, CONSTRUCTION NOTES, CAUTION NOTES, ELECTRICAL SAFETY NOTES, AND INSTALLATION NOTES.
- SEE THE EL500 SERIES FOR LIGHTING INSTALLATION DETAILS.
- EXISTING CIRCUIT ROUTING IS APPROXIMATE. IF ROUTING DIFFERS IN THE FIELD, COORDINATE WITH ENGINEER.
- CONCRETE ENCASED DUCT BANKS SHALL EXTEND 3' BEYOND EDGE OF PAVEMENT IN ACCORDANCE WITH DETAIL 2 ON SHEET EL508. UNLESS OTHERWISE NOTED, DUCT BANK IN TURF AREAS SHALL BE NON-ENCASED.
- REFER TO SHEET EL505 FOR SIGN INDEX.
- LIGHTS WITH SYMBOL "T" SHALL HAVE A CONDUIT DRAIN INSTALLED AND CONNECTED TO DRAINAGE SYSTEM. SEE DETAIL 3 ON SHEET EL507.

CIRCUIT LABEL LEGEND:

- TWA TAXIWAY ALPHA LIGHT CIRCUIT
- TWB TAXIWAY BRAVO LIGHT CIRCUIT
- WAF-S WEST AIRFIELD SIGN CIRCUIT
- WC WIND CONE CIRCUIT

REV.	DATE	DESCRIPTION	BY
1	04/16/26	ADDENDUM NO. 1	MCL

TKI
 McKINNEY NATIONAL AIRPORT
 McKINNEY, TX
 TAXIWAY A REHABILITATION PHASE II

ELECTRICAL INSTALLATION PLAN 3A

JOB NO.: A11-2402725
 DATE: MAR 2026
 DESIGNED BY: MCL
 DRAWN BY: DED

BAR IS ONE INCH ON ORIGINAL DRAWING
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

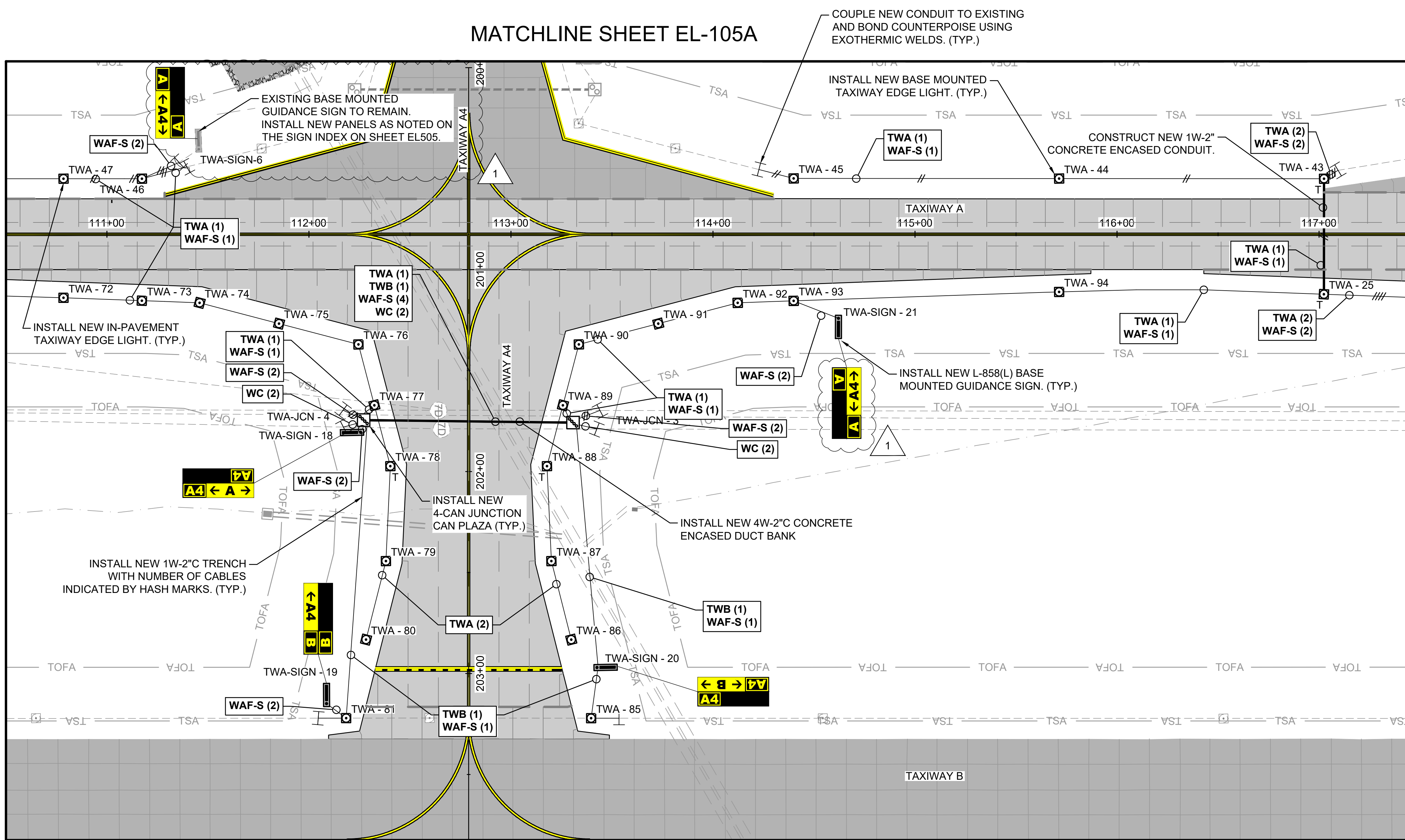
DRAWING NUMBER
EL103A

SHEET NUMBER
86

MATCHLINE SHEET EL-105A

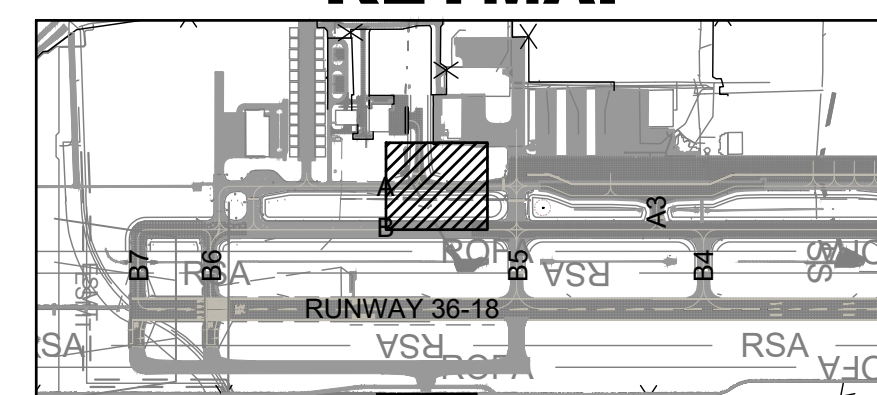
MATCHLINE SHEET EL102

MATCHLINE SHEET EL104



MATCHLINE SHEET EL103B

KEYMAP

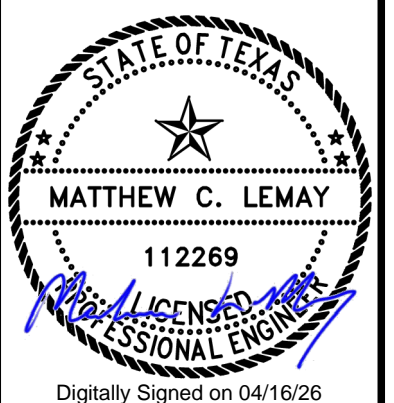


File: K:\2024\A11-2402725 - TKI Taxiway Alpha Phase II\Drawings\2402725-EL101.dwg, Last Saved: 4/15/2026 4:45 PM, Last Saved by: MCL, May
 Last Plotted by: Lemay, Matthew, C, Plot Style: AECmono.ctb, Plot Scale: 1:1, Plot Date: 4/15/2026 4:47 PM, Plotter used: AutoCAD PDF (General Documentation).pc3



© 2025 GARVER, LLC
 THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGNS CONVEYED HEREIN, SHALL BE CONSIDERED INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROPERTY OF GARVER, LLC. ANY USE, REPRODUCTION, OR DISTRIBUTION OF THIS DOCUMENT, ALONG WITH THE IDEAS AND DESIGN CONTAINED HEREIN, IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY GARVER, LLC OR EXPLICITLY ALLOWED IN THE GOVERNING PROFESSIONAL SERVICES AGREEMENT FOR THIS WORK.

REGISTRATION NO. F-5713



Digitally Signed on 04/16/26

BY	MCL
DESCRIPTION	ADDENDUM NO. 1
DATE	04/16/26
REV.	1

McKINNEY NATIONAL AIRPORT
 McKINNEY, TX
 TAXIWAY A REHABILITATION PHASE II

GUIDANCE SIGN INSTALLATION DETAILS 3

JOB NO.: A11-2402725
 DATE: MAR 2026
 DESIGNED BY: MCL
 DRAWN BY: DED

BAR IS ONE INCH ON ORIGINAL DRAWING
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
EL505

SHEET NUMBER
94

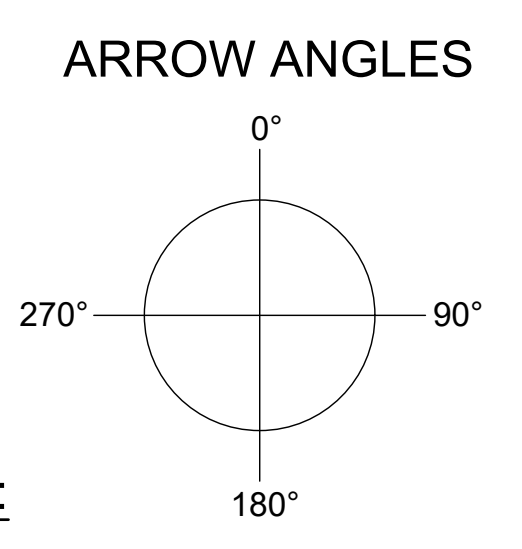
GUIDANCE SIGN PANEL REPLACEMENT INDEX										
SIGN NO.	DESC.	SIDE 1	SIDE 2	SIZE	STYLE	CLASS	MODE	ARROW ANGLE		
6	LEGEND	A	A ← A4 →	1	5	2	2	270°, 90°		
	TYPE	L	Y Y							
7	LEGEND	← A A5	A5	1	5	2	2	270°		
	TYPE	Y L	L *							
9	LEGEND	A ← A5 →	A	1	5	2	2	270°, 90°		
	TYPE	L Y Y	* * *							
11	LEGEND	← B A5 B6 → B	A5	1	5	2	2	270°, 45°, 90°		
	TYPE	Y L Y Y Y	* * * * *							
15	LEGEND	← B B6 B A5 →	B	1	5	2	2	315°, 90°		
	TYPE	Y Y L Y Y	L * * * * *							
16	LEGEND	← B B6 A5 → B	B6	1	5	2	2	270°, 45°, 90°		
	TYPE	Y L Y Y Y	L * * * * *							
17	LEGEND	A5 A	A5	1	5	2	2	90°		
	TYPE	L Y	L *							
18	LEGEND	← A5 B B6 →	B	1	5	2	2	315°, 90°		
	TYPE	Y Y L Y Y	L * * * * *							

+ DENOTES SIGN PANEL REPLACEMENT WITHIN EXISTING SIGN FRAME.

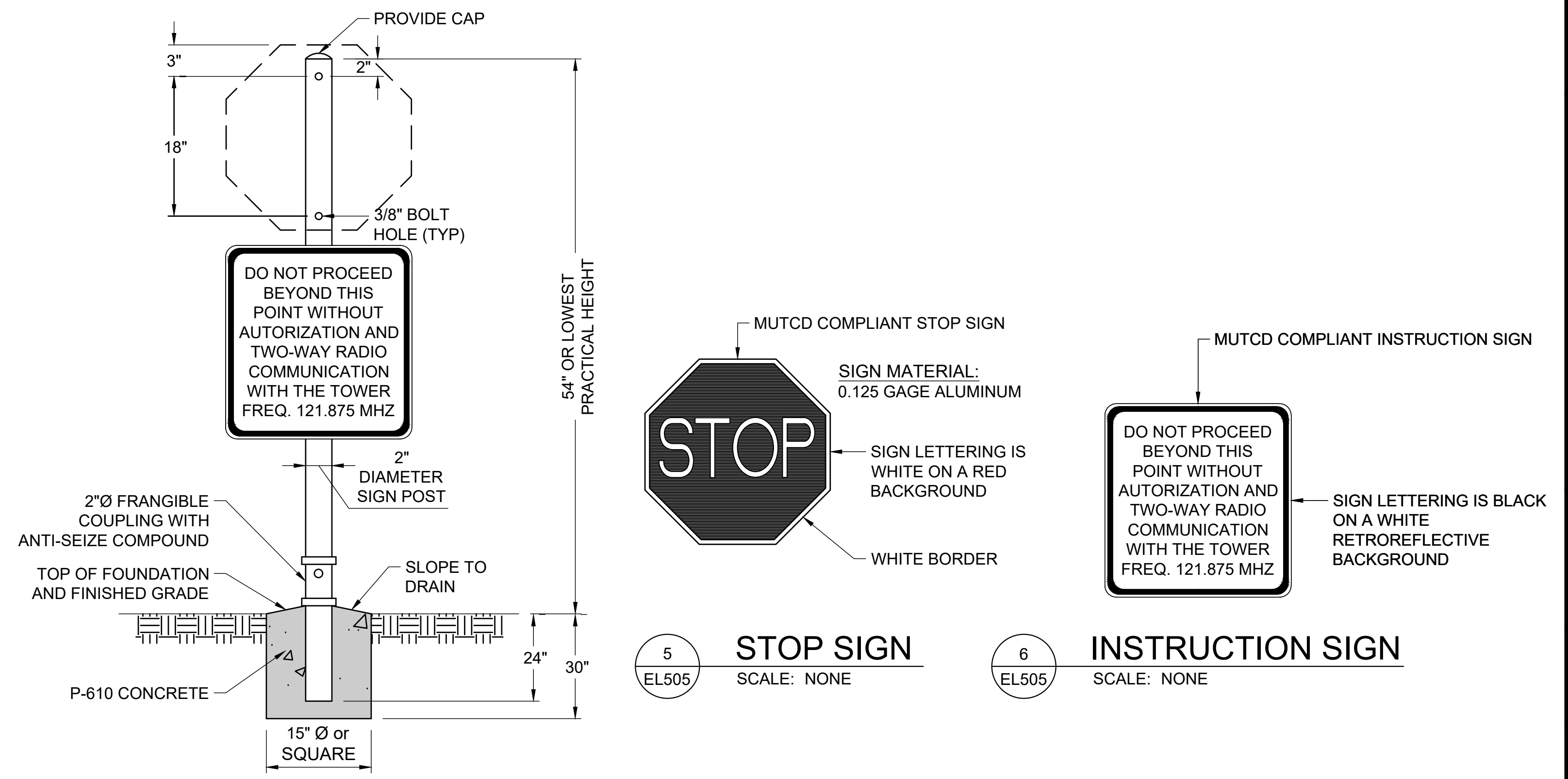
2 GUIDANCE SIGN PANEL REPLACEMENT INDEX
 EL505 SCALE: NONE

NEW GUIDANCE SIGN INDEX								
SIGN NO.	DESC.	SIDE 1	SIDE 2	SIZE	STYLE	CLASS	MODE	ARROW ANGLE
1	LEGEND	← A →	*	1	5	2	2	270°, 90°
	TYPE	Y Y	* *					
2	LEGEND	B5 ← A →	B5	1	5	2	2	270°, 90°
	TYPE	L Y Y	L * *					
3	LEGEND	B ← B5 →	B	1	5	2	2	270°, 90°
	TYPE	L Y Y	L * *					
4	LEGEND	B5	B5 ← B →	1	5	2	2	270°, 90°
	TYPE	L * *	L Y Y					
5	LEGEND	B	B ← B5 →	1	5	2	2	270°, 90°
	TYPE	L * *	L Y Y					
18	LEGEND	A4 ← A →	A4	1	5	2	3	270°, 90°
	TYPE	L Y Y	L * *					
19	LEGEND	← A4 B	B	1	5	2	2	270°
	TYPE	Y Y L	L * *					
20	LEGEND	A4	A4 ← B →	1	5	2	2	270°, 90°
	TYPE	L * *	L Y Y					
21	LEGEND	A	← A4 → A	1	5	2	2	270°, 90°
	TYPE	L * *	Y Y L					
22	LEGEND	B	B A4 →	1	5	2	2	90°
	TYPE	L * *	L Y Y					

1 NEW GUIDANCE SIGN INDEX
 EL505 SCALE: NONE



LEGEND:
 L L-858L LOCATION
 Y L-858Y DIRECTION / DESTINATION / BOUNDARY
 R L-858R MANDATORY INSTRUCTION
 B L-858B DISTANCE REMAINING
 * BLANK PANEL



5 STOP SIGN
 EL505 SCALE: NONE

6 INSTRUCTION SIGN
 EL505 SCALE: NONE

4 STOP SIGN AND INSTRUCTION SIGN INSTALLATION
 EL505 SCALE: NONE

File: K:\2024\A11-2402725 - TKI Taxiway Alpha Phase II\Drawings\2402725-EL501.dwg, Last Saved: 4/15/2026 4:45 PM, Last Saved by: MCLemay, Last Plotted by: Lemay, Matthew, C, Plot Style: AECmono.ctb, Plot Scale: 1:1, Plot Date: 4/15/2026 4:47 PM, Plotter used: AutoCAD PDF (General Documentation).pc3

Plan Holder List of 4/20/2026

Vendor Name	Contact Name	Contact Email
ADB SAFEGATE AMERICAS LLC	Jason Watson	jason.watson@adbsafegate.com
Airport Lighting Company	Steve Shaw	steves@airportlightingcompany.com
Airside Solutions, Inc.	MARNI STAMM	mstamm@airsidesolutionsinc.com
Ambrozi Contracting	Fritz K Ambrozi, II	admin@ambrozi.com
American Traffic Construction	Peter Torres	petertorres@americantraffictx.com
Amtek Information	Kaylan Burke	amtek.dfw@amtekusa.com
Archer Western Construction, LLC	Dustin McGrath	dmcgrath@walshgroup.com
Austin Bridge & Road, L.P.	Mike Landen	abrworks@austin-ind.com
BBR Printers	Bo Pomu	Bopomu@outlook.com
Brown Industrial Construction, LLC	David Hays	david.hays@brown-ind.com
Caribbean Technical Services, Inc.	Edwin Rosario	erosario@caribbeantechnical.com
CJIS GROUP LLC	Ann Herold	Region2@cjisgroup.com
Constructconnect	Michael Stubbs	content@constructconnect.com
Construction Bid Source, LLC	Elizabeth Strycker	liz@constructionbidsource.com
Deltek	Source Management	sourcemanagement@deltek.com
Dodge Data and Analytics	April Hamilton	april.hamilton@construction.com
EAS Contracting, L.P.	Lawrence Pinzel	lrp@easlp.com
Ed Bell Construction Company	Doug Teter	dteter@ebcc.com
FABco	Madison McClure	madison.mcclure@fabcous.com
Granite Construction Company	Melissa Rushing	melissa.rushing@gcinc.com
Head, LLC.	Josh Graham	joshg@headinc.com
HQS Construction LLC	Qasim Rasul	bids@hqsconstruction.com
Lumacurve Airfield Signs	Liz Humpage	liz@lumacurve.com
Mario Sinicola & Sons Excavating, Inc.	Aaron Barry	Sinicolaengineering@MarioSinicola.Com
MP Heavy Construction, Inc.	Jose Mendez	josemc@mpheavy.com
Multi Electric Mfg	Frank Kazienko	fkazienko@multielectric.com
North Rock Construction & Assocaites LLC	Kenneth Williamson	kwilliamson@nrockconstruction.com
Nu-Way Construction, LLC	Brandy Woehrle	brandy@nu-wayconstruction.net
Obra Ramos Construction, LLC	andres ramos	andres@obraramos.com
Oldcastle	NTX Bids	ntxbids@oldcastle.com
PWXPress	Gio Saravini	quotes@gtechresearch.com
Ragle Inc.	Ammar Elhamad	aelhamad@ragleinc.com
re	cr cr	arizonacontracts@sharklasers.com
Reyes Group Ltd	Marcos Reyes	estimatingtexas@reyesgroup.com
RPM xConstruction, LLC	Delane Bandeira	estimating-public@rpmxconstruction.com
Smartprocure Inc	Ron Bjornsson	rbjornsson@smartprocure.us
Thompson Pipe Group	Brandon White	brandon.white@thompsonpipegroup.com
Trindom Global, LLC	Aaron Brady	abrady@trindom.com
Trindom Global, LLC	Aaron Brady	abrady@trindom.com
Urban Infraconstruction	Anup Tamrakar	anup@urbaniconstruct.com
Vellutini Corporation dba Royal Electric	Rebecca Fletcher	Estimating-Email@royalelect.com
Virtual Builder Exchange	Jeannette Olguin	jeannette@virtualbx.com
Webber LLC	Jason Pittenger	jason.pittenger@wwebber.com



CITY OF MCKINNEY PROCUREMENT SERVICES
PRE-SUBMITTAL CONFERENCE ATTENDEES
BID NUMBER: 26-461TB TKI Taxiway A Rehabilitation Phase II
TUESDAY, April 14, 2026 @ 1:00 PM

	Name	Company	Email Address
1	Alejandra Sclimo Bermudez	Webber	asolino@webber.com
2	Chalres Sites	Ed Bell Construction Co.	estimating@edbellconstruction.com
3	Olivia Matehuala	Sinacola	sinacolaengineering@mariosinacola.com
4	Teresa Lyons	City of McKinney	tyons@flytki.com
5	Sara Andrews	Garver	scandrews@garverusa.com
6	Porter Burns	City of McKinney	PBurns@flytki.com
7	Hrishi Pethkar	RPMx	estimating-public@rpmconstruction.com
8	Chaitanya Raju	RPMx	cpbraju@rpmconstruction.com
9	Alex Hernandez	RPMx	ahernandez@rpmconstruction.com
10	Rey Silva-Reues	Nu-Way Construction	ray@nu-wayconstruction.net
11	Eric Bartholomew	B-C Company	ericb@b-company.net
12	Erika Roberts	City of McKinney	eroberts1@mckinneytexas.org
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			
33			