Texas Commission on Environmental Quality

Edwards Aquifer Application Cover Page

Our Review of Your Application

The Edwards Aquifer Program staff conducts an administrative and technical review of all applications. The turnaround time for administrative review can be up to 30 days as outlined in 30 TAC 213.4(e). Generally administrative completeness is determined during the intake meeting or within a few days of receipt. The turnaround time for technical review of an administratively complete Edwards Aquifer application is 90 days as outlined in 30 TAC 213.4(e). Please know that the review and approval time is directly impacted by the quality and completeness of the initial application that is received. In order to conduct a timely review, it is imperative that the information provided in an Edwards Aquifer application include final plans, be accurate, complete, and in compliance with 30 TAC 213.

Administrative Review

1. Edwards Aquifer applications must be deemed administratively complete before a technical review can begin. To be considered administratively complete, the application must contain completed forms and attachments, provide the requested information, and meet all the site plan requirements. The submitted application and plan sheets should be final plans. Please submit one full-size set of plan sheets with the original application, and half-size sets with the additional copies.

   To ensure that all applicable documents are included in the application, the program has developed tools to guide you and web pages to provide all forms, checklists, and guidance. Please visit the below website for assistance: http://www.tceq.texas.gov/field/eapp.

2. This Edwards Aquifer Application Cover Page form (certified by the applicant or agent) must be included in the application and brought to the administrative review meeting.

3. Administrative reviews are scheduled with program staff who will conduct the review. Applicants or their authorized agent should call the appropriate regional office, according to the county in which the project is located, to schedule a review. The average meeting time is one hour.

4. In the meeting, the application is examined for administrative completeness. Deficiencies will be noted by staff and emailed or faxed to the applicant and authorized agent at the end of the meeting, or shortly after. Administrative deficiencies will cause the application to be deemed incomplete and returned.

   An appointment should be made to resubmit the application. The application is re-examined to ensure all deficiencies are resolved. The application will only be deemed administratively complete when all administrative deficiencies are addressed.

5. If an application is received by mail, courier service, or otherwise submitted without a review meeting, the administrative review will be conducted within 30 days. The applicant and agent will be contacted with the results of the administrative review. If the application is found to be administratively incomplete, it can be retrieved from the regional office or returned by regular mail. If returned by mail, the regional office may require arrangements for return shipping.

6. If the geologic assessment was completed before October 1, 2004 and the site contains "possibly sensitive" features, the assessment must be updated in accordance with the *Instructions to Geologists* (TCEQ-0585 Instructions).

Technical Review

1. When an application is deemed administratively complete, the technical review period begins. The regional office will distribute copies of the application to the identified affected city, county, and groundwater conservation district whose jurisdiction includes the subject site. These entities and the public have 30 days to provide comments on the application to the regional office. All comments received are reviewed by TCEQ.

2. A site assessment is usually conducted as part of the technical review, to evaluate the geologic assessment and observe existing site conditions. The site must be accessible to our staff. The site boundaries should be

clearly marked, features identified in the geologic assessment should be flagged, roadways marked and the alignment of the Sewage Collection System and manholes should be staked at the time the application is submitted. If the site is not marked the application may be returned.

3. We evaluate the application for technical completeness and contact the applicant and agent via Notice of Deficiency (NOD) to request additional information and identify technical deficiencies. There are two deficiency response periods available to the applicant. There are 14 days to resolve deficiencies noted in the first NOD. If a second NOD is issued, there is an additional 14 days to resolve deficiencies. If the response to the second notice is not received, is incomplete or inadequate, or provides new information that is incomplete or inadequate, the application must be withdrawn or will be denied. Please note that because the technical review is underway, whether the application is withdrawn or denied **the application fee will be forfeited**.
4. The program has 90 calendar days to complete the technical review of the application. If the application is technically adequate, such that it complies with the Edwards Aquifer rules, and is protective of the Edwards Aquifer during and after construction, an approval letter will be issued. Construction or other regulated activity may not begin until an approval is issued.

Mid-Review Modifications

It is important to have final site plans prior to beginning the permitting process with TCEQ to avoid delays.

Occasionally, circumstances arise where you may have significant design and/or site plan changes after your Edwards Aquifer application has been deemed administratively complete by TCEQ. This is considered a "Mid-Review Modification". Mid-Review Modifications may require redistribution of an application that includes the proposed modifications for public comment.

If you are proposing a Mid-Review Modification, two options are available:

- If the technical review has begun your application can be denied/withdrawn, your fees will be forfeited, and the plan will have to be resubmitted.
- TCEQ can continue the technical review of the application as it was submitted, and a modification application can be submitted at a later time.

If the application is denied/withdrawn, the resubmitted application will be subject to the administrative and technical review processes and will be treated as a new application. The application will be redistributed to the affected jurisdictions.

Please contact the regional office if you have questions. If your project is located in Williamson, Travis, or Hays County, contact TCEQ's Austin Regional Office at 512-339-2929. If your project is in Comal, Bexar, Medina, Uvalde, or Kinney County, contact TCEQ's San Antonio Regional Office at 210-490-3096

Please fill out all required fields below and submit with your application.

1. Regulated Entity Name: 183A Shared Use Path at Northline Development					**2. Regulated Entity No.:**			
3. Customer Name: Central Texas Regional Mobility Authority					**4. Customer No.:** CN602672263			
5. Project Type: **(Please circle/check one)**	New	Modification			Extension	Exception		
6. Plan Type: **(Please circle/check one)**	WPAP	CZP	SCS	UST	AST	EXP	EXT	Technical Clarification	Optional Enhanced Measures
7. Land Use: **(Please circle/check one)**	Residential	Non-residential				**8. Site (acres):**		1.55
9. Application Fee:	$500	**10. Permanent BMP(s):**				Vegetative Filter Strips		
11. SCS (Linear Ft.):	N/A	**12. AST/UST (No. Tanks):**				N/A		
13. County:	Williamson	**14. Watershed:**				Brushy Creek		

Application Distribution

Instructions: Use the table below to determine the number of applications required. One original and one copy of the application, plus additional copies (as needed) for each affected incorporated city, county, and groundwater conservation district are required. Linear projects or large projects, which cross into multiple jurisdictions, can require additional copies. Refer to the "Texas Groundwater Conservation Districts within the EAPP Boundaries" map found at:

http://www.tceq.texas.gov/assets/public/compliance/field_ops/eapp/EAPP%20GWCD%20map.pdf

For more detailed boundaries, please contact the conservation district directly.

Austin Region			
County:	**Hays**	**Travis**	**Williamson**
Original (1 req.)	___	___	_X_
Region (1 req.)	___	___	_X_
County(ies)	___	___	_X_
Groundwater Conservation District(s)	___Edwards Aquifer Authority ___Barton Springs/ Edwards Aquifer ___Hays Trinity ___Plum Creek	___Barton Springs/ Edwards Aquifer	NA
City(ies) Jurisdiction	___Austin ___Buda ___Dripping Springs ___Kyle ___Mountain City ___San Marcos ___Wimberley ___Woodcreek	___Austin ___Bee Cave ___Pflugerville ___Rollingwood ___Round Rock ___Sunset Valley ___West Lake Hills	___Austin ___Cedar Park ___Florence ___Georgetown ___Jerrell _X_Leander ___Liberty Hill ___Pflugerville ___Round Rock

San Antonio Region					
County:	**Bexar**	**Comal**	**Kinney**	**Medina**	**Uvalde**
Original (1 req.)	___	___	___	___	___
Region (1 req.)	___	___	___	___	___
County(ies)	___	___	___	___	___
Groundwater Conservation District(s)	___ Edwards Aquifer Authority ___Trinity-Glen Rose	___Edwards Aquifer Authority	___Kinney	___EAA ___Medina	___EAA ___Uvalde
City(ies) Jurisdiction	___Castle Hills ___Fair Oaks Ranch ___Helotes ___Hill Country Village ___Hollywood Park ___San Antonio (SAWS) ___Shavano Park	___Bulverde ___Fair Oaks Ranch ___Garden Ridge ___New Braunfels ___Schertz	NA	___San Antonio ETJ (SAWS)	NA

I certify that to the best of my knowledge, that the application is complete and accurate. This application is hereby submitted to TCEQ for administrative review and technical review. Jacob Maldonado,PE
Print Name of Customer/Authorized Agent Signature of Customer/Authorized Agent 12-12-2024 Date

FOR TCEQ INTERNAL USE ONLY				
Date(s)Reviewed:		Date Administratively Complete:		
Received From:		Correct Number of Copies:		
Received By:		Distribution Date:		
EAPP File Number:		Complex:		
Admin. Review(s) (No.):		No. AR Rounds:		
Delinquent Fees (Y/N):		Review Time Spent:		
Lat./Long. Verified:		SOS Customer Verification:		
Agent Authorization Complete/Notarized (Y/N):		Fee Check:	Payable to TCEQ (Y/N):	
Core Data Form Complete (Y/N):			Signed (Y/N):	
Core Data Form Incomplete Nos.:			Less than 90 days old (Y/N):	

Contributing Zone Exception Request Form

Texas Commission on Environmental Quality

for Regulated Activities on the Contributing Zone to the Edwards Aquifer and Relating to 30 TAC §213.24(1), Effective June 1, 1999

To ensure that the application is administratively complete, confirm that all fields in the form are complete, verify that all requested information is provided, consistently reference the same site and contact person in all forms in the application, and ensure forms are signed by the appropriate party.

Note: Including all the information requested in the form and attachments contributes to more streamlined technical reviews.

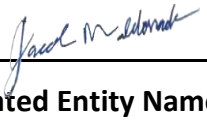
Signature

To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. This **Contributing Zone Exception Request Form** is hereby submitted for TCEQ review and executive director approval. The request was prepared by:

Print Name of Customer/Agent: Jacob Maldonado, PE

Date: 10/12/2024

Signature of Customer/Agent:



Regulated Entity Name: 183A SUP AT NORTHLINE DEVELOPMENT

Project Information

1. County: Williamson
2. Stream Basin: Brushy Creek
3. Groundwater Conservation District (if applicable): N/a
4. Customer (Applicant):

   Contact Person: Mike Sexton
   Entity: Central Texas Regional Mobility Authority
   Mailing Address: 3300 N I-H35, Suite 300
   City, State: Austin, TX Zip: 78705
   Telephone: _____ Fax: _____
   Email Address: _____

5. Agent/Representative (If any):

Contact Person: Charlotte A. Gilpin, PE
Entity: K Friese + Associates
Mailing Address: 1120 S Capital of Texas Highway, Bldg 2, Ste 100
City, State: Austin, TX Zip: 78746
Telephone: (512)-338-1704 Fax: _____
Email Address: Cgilpin@kfriese.com

6. Project Location

☒ This project is inside the city limits of Leander.
☐ This project is outside the city limits but inside the ETJ (extra-territorial jurisdiction) of _____.
☐ This project is not located within any city limits or ETJ.

7. ☒ The location of the project site is described below. Sufficient detail and clarity has been provided so that the TCEQ's Regional staff can easily locate the project and site boundaries for a field investigation.

Project is located along the west side of 183A from San Gabriel Parkway to Hero Way

8. ☒ **Attachment A - Road Map**. A road map showing directions to and location of the project site is attached. The map clearly shows the boundary of the project site.

9. ☒ **Attachment B - USGS Quadrangle Map**. A copy of the USGS Quadrangle Map (Scale: 1" = 2000') is attached. The map(s) should clearly show:

☒ Project site boundaries.
☒ USGS Quadrangle Name(s).

10. ☒ **Attachment C - Project Narrative**. A detailed narrative description of the proposed project is provided at the end of this form. The project description is consistent throughout the application and contains, at a minimum, the following details:

☒ Area of the site
☐ Offsite areas
☒ Impervious cover
☒ Permanent BMP(s)
☒ Proposed site use
☒ Site history
☒ Previous development
☐ Area(s) to be demolished

11. Existing project site conditions are noted below:

☐ Existing commercial site
☐ Existing industrial site
☐ Existing residential site
☐ Existing paved and/or unpaved roads

☒ Undeveloped (Cleared)
☐ Undeveloped (Undisturbed/Not cleared)
☐ Other: _____

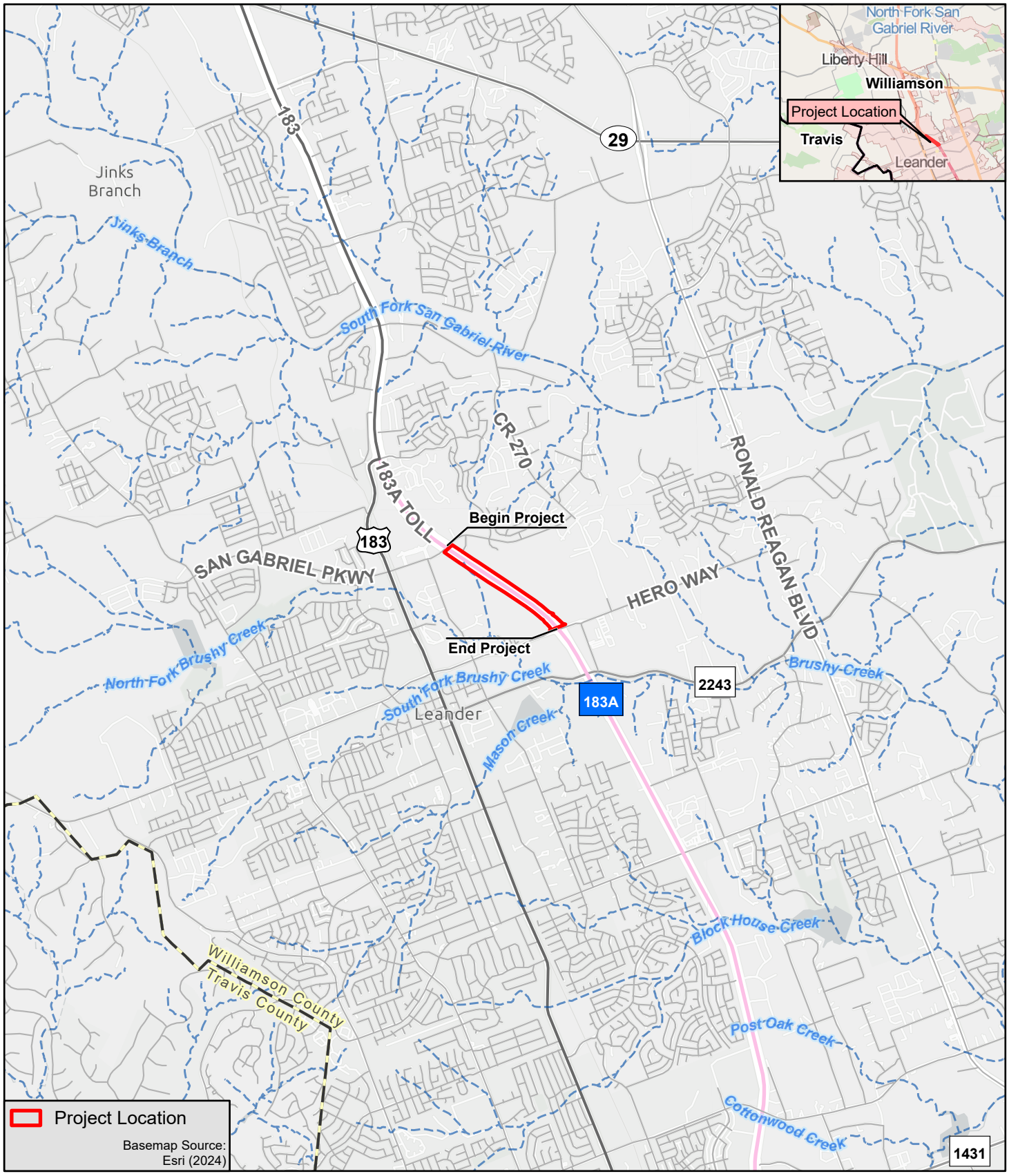
12. ☒ **Attachment D - Nature Of Exception**. A narrative description of the nature of each exception requested is attached. All provisions of 30 TAC §213 Subchapter B for which an exception is being requested have been identified in the description.

13. ☒ **Attachment E - Equivalent Water Quality Protection**. Documentation demonstrating equivalent water quality protection for surface streams which enter the Edwards Aquifer is attached.

Administrative Information

14. ☒ Submit one (1) original and one (1) copy of the application, plus additional copies as needed for each affected incorporated city, groundwater conservation district, and county in which the project will be located. The TCEQ will distribute the additional copies to these jurisdictions.

15. ☒ The applicant understands that prior approval under this section must be obtained from the executive director for the exception to be authorized.



AtkinsRéalis

K FRIESE + ASSOCIATES
A LOCHNER COMPANY
FIRM NO. 6535

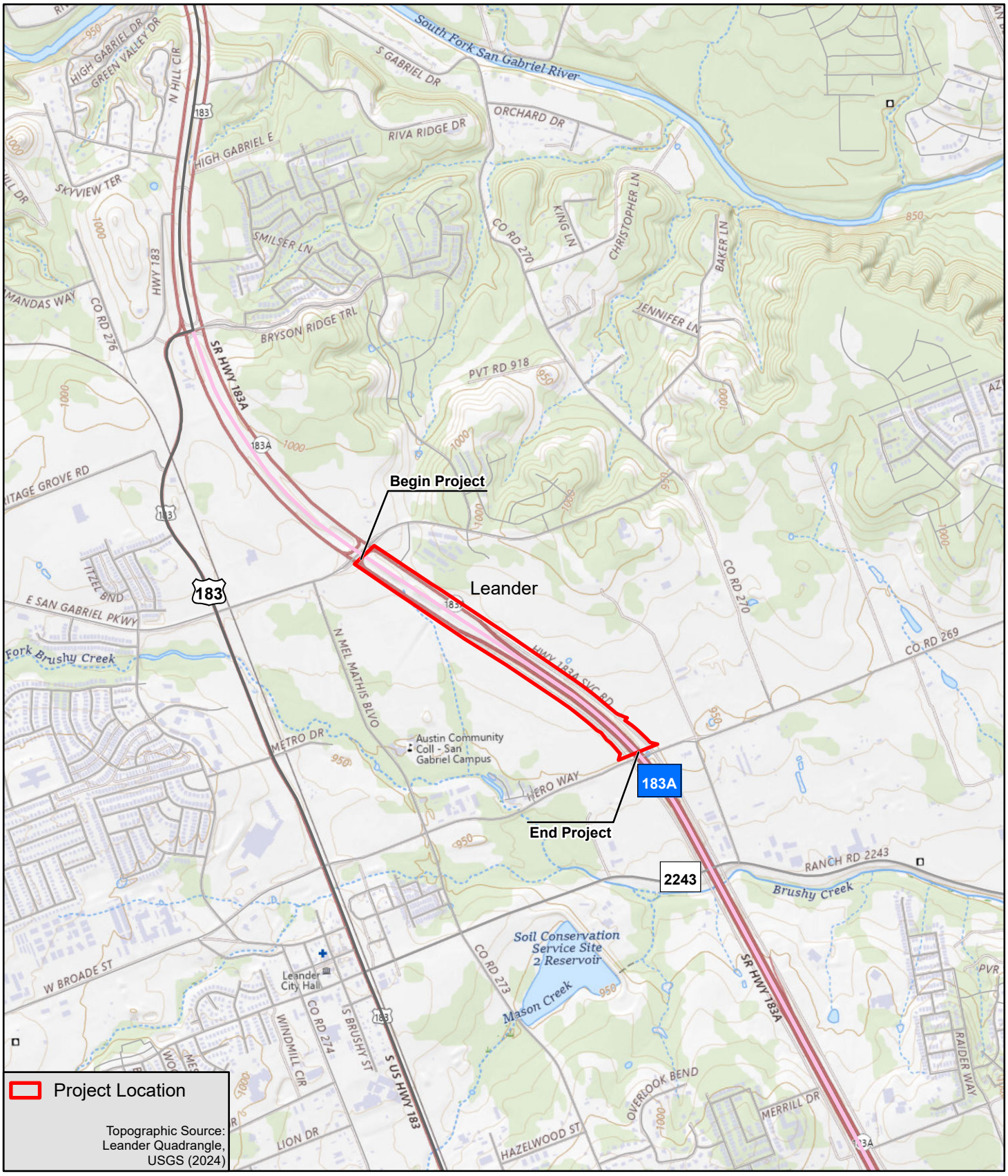
183A SUP NORTHLINE DEVELOPMENT
WILLIAMSON COUNTY, TX

ATTACHMENT A
PROJECT LOCATION
7/23/2024

N

0 2,500 5,000
Feet

X:\GISprojects\g0660_AtkinsCTRMA_183A_NorthlineSUP\AtkinsCTRMA_183A_NorthlineSUP_0660.aprx\183A_SUP NorthlineDev_ProjectLocationRd_20240723



AtkinsRéalis

K FRIESE + ASSOCIATES
A LOCHNER COMPANY
FIRM NO. 6535

183A SUP NORTHLINE DEVELOPMENT
WILLIAMSON COUNTY, TX

ATTACHMENT B
USGS QUADRANGLE
7/24/2024

N

0 1,000 2,000
Feet

X:\GISprojects\g0660_AtkinsCTRMA_183A_NorthlineSUP\AtkinsCTRMA_183A_NorthlineSUP_0660.aprx\183A_SUP NorthlineDev_USGS_Topo_20240723

ATTACHMENT C
PROJECT NARRATIVE

The Central Texas Regional Mobility Authority proposes the construction of improvements along the west side of the 183A corridor in western Williamson County from San Gabriel Parkway to Hero Way within the existing right-of-way. The Project includes a shared use path and the associated grading. The Project is located in the Brushy Creek watershed and is contained within the Contributing Zone.

The site area for the Project is contained within the existing right-of-way of 183A and totals approximately 1.55 acres. Under pre-project conditions there are approximately 0.05 acres of impervious cover within the site area. The proposed improvements will add an additional 0.40 acres of impervious cover for a total proposed impervious cover of 0.45 acres or 29.03 percent of the project area.

The site area is within the limits of the Central Texas Regional Mobility Authority 183A Phase III Project which has a Contributing Zone Plan: EAPP ID 111002291 RN104348743. Therefore, pre-project conditions presented in this exception are the post-project condition of the 183A Phase III project.

This shared use path project proposes vegetative filter strips for permanent BMP. This vegetative filter strip will run along the proposed shared use path to treat the increase in impervious cover. The proposed vegetative filter strips adhere to TCEQ design criteria, as described in RG-348, and achieve 80 percent removal of the post-construction increase in TSS loads.

There are two existing culvert crossings. Each crossing accepts offsite flow from the east side of the Project and conveys it to the west side. There are no offsite contributing areas into the shared use path area and the proposed vegetative filter strips.

ATTACHMENT D
NATURE OF EXCEPTION

The Project is an exception for the requirement for a Contributing Zone Plan for the following reasons:

1. The minor excavation required for the construction of the shared use path is occurring within the limits of the 183A Phase II and Phase III projects and has already been disturbed to construct the 183A frontage roads. An exception for the need for a geological assessment was discussed with and confirmed by the TCEQ staff in a pre-application meeting. At the request of the TCEQ staff, a PDF of an email documenting that discussion is attached to the next page of Attachment D.
2. The proposed work includes the addition of a 10' shared use path and associated grading. The shared use path is disconnected impervious cover. It is a small amount of impervious cover that generally falls within the allowable maintenance limits of an existing permit without revision. A vegetative filter strip is provided for most of the shared use path limits.

Gilpin, Charlotte

From: James Slone <james.slone@tceq.texas.gov>
Sent: Tuesday, August 6, 2024 09:46
To: Gilpin, Charlotte; Kevin Smith
Cc: Maldonado, Jacob; Lynette Swanson
Subject: RE: 183A SUP at Northline Development- TCEQ Guidance

Categories: INFO

Charlotte,
A Geologic Assessment is not required for this Exception application. Please retain this email for your records, and submit it with your application as well.
Have a great day,
Bo

James "Bo" Slone, P.G.
Team Leader
Edwards Aquifer Protection Program
Texas Commission on Environmental Quality
(512) 239-6994

From: Gilpin, Charlotte <CGilpin@KFriese.com>
Sent: Tuesday, August 6, 2024 9:39 AM
To: James Slone <james.slone@tceq.texas.gov>; Kevin Smith <kevin.smith@tceq.texas.gov>
Cc: Maldonado, Jacob <jmaldonado@kfriese.com>; Lynette Swanson <Lynette.Swanson@tceq.texas.gov>
Subject: FW: 183A SUP at Northline Development- TCEQ Guidance

Bo,

Attached is our exhibit from the meeting this morning. As noted we are requesting an exception from the GA requirement to accompany the exception application we will be submitting for the SUP.

Please let us know if you need anything else to process this request.

Thank you all again for the time –
Charlotte

Charlotte A. Gilpin, P.E., CFM
Vice President

P 512.338.1704 D 512.518.5478 C 512.680.7309
1120 S. Capital of Texas Highway, CityView 2, Suite 100, Austin, Texas 78746

AUSTIN | HOUSTON | ROUND ROCK | SAN ANTONIO

ATTACHMENT E
EQUIVALENT WATER QUALITY PROTECTION

The proposed work includes the addition of a 10' shared use path and associated grading. The shared use path is disconnected impervious cover without direct generators of pollutants. A vegetative filter strip is provided for most of the shared use path limits.

100% SUBMITTAL

FED.RD. DIV.NO.	FEDERAL AID PROJECT NO.		
6			
STATE	DIST.	COUNTY	
TEXAS	AUS	WILLIAMSON	
CONT.	SECT.	JOB	HIGHWAY NO.
			183A

PREPARED BY:

AtkinsRéalis

TBPE REG. #F-474

11801 Domain Blvd., Suite 500
Austin, Texas, 78758
512-327-6840 PH
512-327-2453 FX

CENTRAL TEXAS
Regional Mobility Authority

183A SBFR SHARED USE PATH
SOUTH OF SAN GABRIEL PKWY

CTRMA CONTRACT NO.: 25183A24604C

APPROXIMATE LENGTH OF PROJECT=
2175 ft = .412 mi

LETTING DATE: _____

DATE CONTRACTOR BEGAN WORK: _____

DATE WORK WAS COMPLETED & ACCEPTED: _____

FINAL CONTRACT COST: $ _____

CONTRACTOR : _____

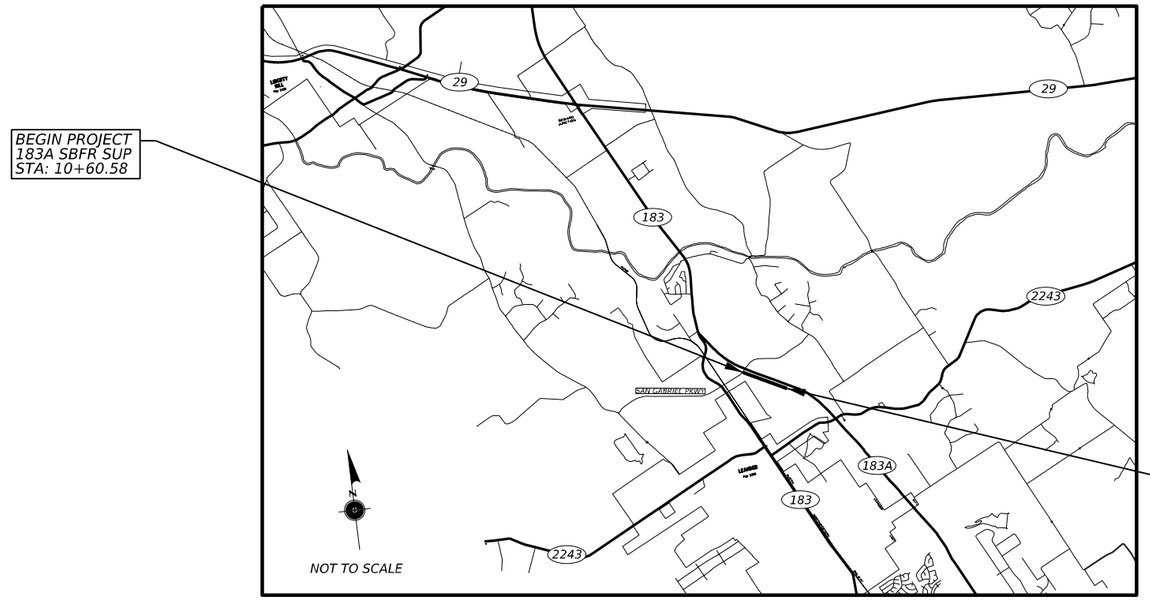
FUNCTIONAL CLASSIFICATION: 183A TOLL: URBAN FREEWAY
183A SBFR: URBAN COLLECTOR

EQUATIONS: NONE

EXCEPTIONS: NONE

RAILROADS: NONE

REQUIRED TRAFFIC CONTROL SIGNS SHALL BE IN ACCORDANCE WITH BC(1) - 21 THRU BC (12) - 21, INCLUDED TCP STANDARDS, AND THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES



DESIGN SPEED

183A SBFR - 50 MPH

SHARED USE PATH - 20 MPH

ADT

183A SBFR SAN GABRIEL PKWY TO
183A TOLL SB RAMP ENTRANCE (2023)= 22,164

STATE OF TEXAS
BETESEB SHIBIKOM
137319
LICENSED
PROFESSIONAL ENGINEER
Beteseb Shibikom
12/04/2024

FOR THE CONSTRUCTION OF A SHARED USE PATH
CONSISTING OF CONCRETE PAVEMENT, GRADING, SIGNING AND PAVEMENT MARKINGS

SPECIFICATIONS ADOPTED BY THE TEXAS DEPARTMENT OF TRANSPORTATION SEPTEMBER 1, 2024 AND SPECIFICATION ITEMS LISTED AND DATED AS FOLLOWS, SHALL GOVERN ON THIS PROJECT: REQUIRED CONTRACT PROVISIONS FOR ALL FEDERAL-AID CONSTRUCTION CONTRACTS (FORM FHWA 1273, OCTOBER 2023)

TDLR INSPECTION REQUIRED
Registered Accessibility Registered (RAS) inspection required.

APPROVED BY:
CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY

Mike Sexton (Dec 5, 2024 13:26 CST)

DIRECTOR OF ENGINEERING

Dec 5, 2024

DATE

DATE: 12/4/2024 3:22:58 PM
FILE: ...\183AP3_GEN_TITLE-01.dgn

100% SUBMITTAL

dw: cc: dw: cc:

INDEX OF SHEETS

SHEET NO.			DESCRIPTION
I. GENERAL			
1			TITLE SHEET
2			INDEX OF SHEETS
3			PROJECT LAYOUT
4	-	5	PROPOSED TYPICAL SECTIONS
6			TYPICAL SECTIONS (LAS TIENDAS RD NORTH)
6			TYPICAL SECTIONS (KREUGER RD)
6			TYPICAL SECTIONS (VAQUILLAS RD)
6			GENERAL NOTES
6	-	9	GENERAL NOTES
10			ESTIMATE AND QUANTITIES SHEET
11			SUMMARY OF QUANTITIES
II. TRAFFIC CONTROL PLAN			
12			TRAFFIC CONTROL PLAN NARRATIVE
			TRAFFIC CONTROL PLAN STANDARD DETAILS
13	-	24 *	BC(1-12)-21
25		*	TCP(1-5)-18

SHEET NO.			DESCRIPTION
III. ROADWAY			
26			HORIZONTAL GEOMETRIC DATA
27			VERTICAL GEOMETRIC DATA
28	-	29	PLAN & PROFILE
30			SUP MISCELLANOUS DETAILS
			ROADWAY STANDARD DETAILS
31		*	CCCG-22
32	-	35 *	PED-18
36	-	38 *	PRD-13 (MOD)
IV. DRAINAGE & WATER QUALITY			
39	-	40	EXISTING DRAINAGE AREA MAPS
41	-	42	PROPOSED DRAINAGE AREA MAPS
43	-	44	DRAINAGE CALCULATION SHEETS
45		46	DITCH LAYOUT SHEETS
47			WATER QUALITY CALCULATION SUMMARY
48	-	49	WATER QUALITY CONTROL PLANS
			DRAINAGE STANDARD DETAILS
50		**	WATER QUALITY MISCELLANEOUS DETAILS
V. SIGNING & PAVEMENT MARKINGS			
51			SIGNING AND PAVEMENT MARKINGS
			SIGNING & PAVEMENT MARKINGS STANDARD DETAILS
52		*	PM(4)-22A
53		*	TSR(4)-13
54		*	SMD(SLIP-1)-08
55		*	SMD(SLIP-2)-08
VII. ENVIRONMENTAL			
57	-	58	STORMWATER PREVENTION PLAN (SWP3)
59			ENVIRONMENTAL, PERMITS, ISSUES, AND COMMITMENTS
60	-	61	TEMPORARY EROSION CONTROL PLAN
62	-	63	PERMANENT EROSION CONTROL PLAN
			ENVIRONMENTAL STANDARD DETAILS
64	-	65 *	EC(1&3)-16
VIII. REFERENCE			
66	-	68	183A PHASES II & III EXTENSION SURVEY CONTROL SHEETS

THE STANDARD SHEETS SPECIFICALLY IDENTIFIED ABOVE BY A ** HAVE BEEN ISSUED BY ME AND ARE APPLICABLE TO THIS PROJECT

STATE OF TEXAS
BETESEB SHIBIKOM
137319
LICENSED
PROFESSIONAL ENGINEER

Beteseb F. Shibikom
12/04/2024

THE STANDARD SHEETS SPECIFICALLY IDENTIFIED ABOVE BY A ** HAVE BEEN ISSUED BY ME AND ARE APPLICABLE TO THIS PROJECT

STATE OF TEXAS
JACOB MALDONADO
152059
LICENSED
PROFESSIONAL ENGINEER

Jacob M. Maldonado
12/04/2024

CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY

AtkinsRéalis
TBPE REG. #F-474

183A SBFR SUP SOUTH OF SAN GABRIEL PKWY

INDEX OF SHEETS

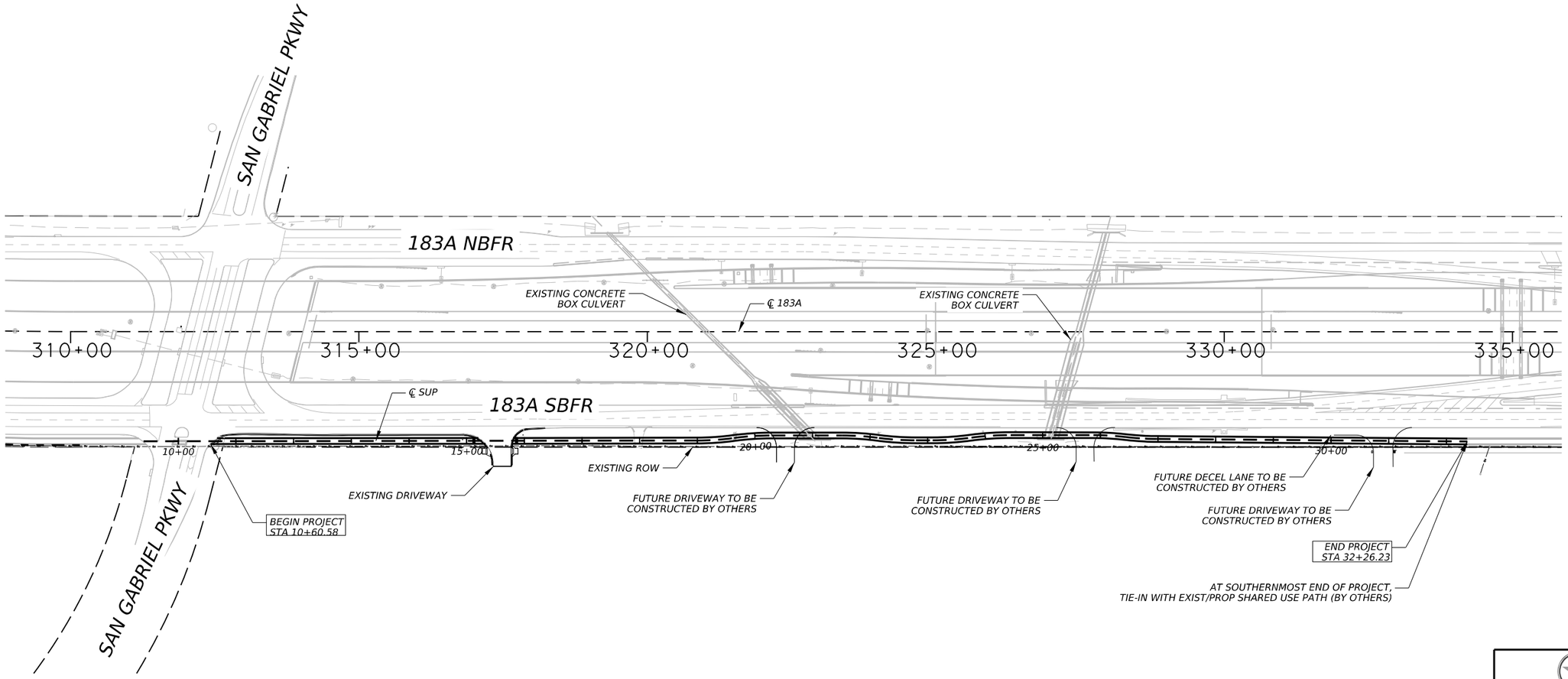
SHEET 1 OF 1

CONT	SECT	JOB	HIGHWAY
			183A
DIST	COUNTY		SHEET NO.
AUS	WILLIAMSON		2

DATE: 12/4/2024 3:23:16 PM
FILE: ...\1. General\183AP3 GEN INDEX-02

100% SUBMITTAL

ck:
dw:
ck:
dw:



STATE OF TEXAS
BETESEB SHIBIKOM
137319
LICENSED PROFESSIONAL ENGINEER
Beteseb T. Shibikom
12/04/2024

CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY

AtkinsRéalis
TBPE REG. #F-474

183A SBFR SUP SOUTH OF SAN GABRIEL PKWY

PROJECT LAYOUT

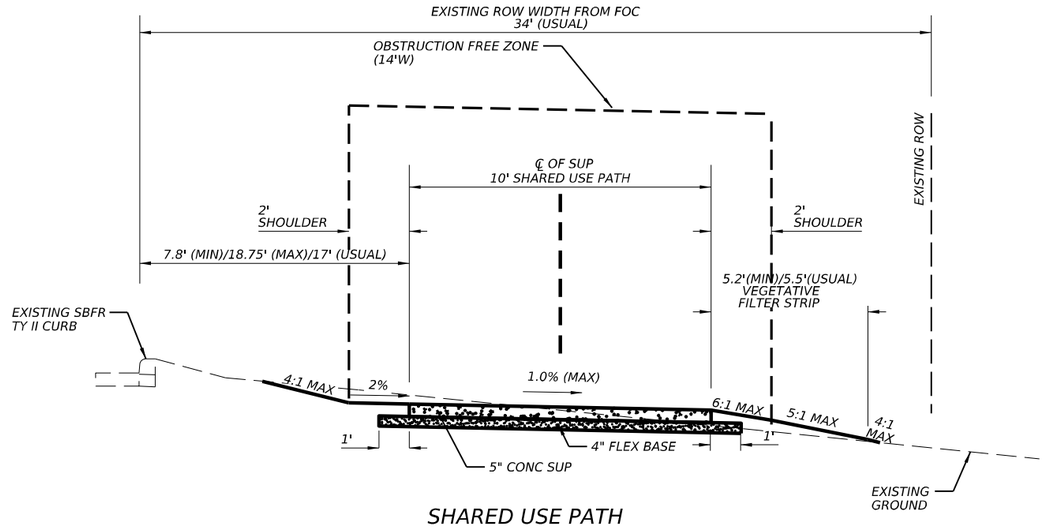
SCALE 1" = 200' SHEET 1 OF 1

CONT	SECT	JOB	HIGHWAY
			183A
DIST	COUNTY		SHEET NO.
AUS	WILLIAMSON		3

DATE: 12/4/2024 3:46:29 PM
FILE: ...\183AP3_GEN_PL-05.dgn

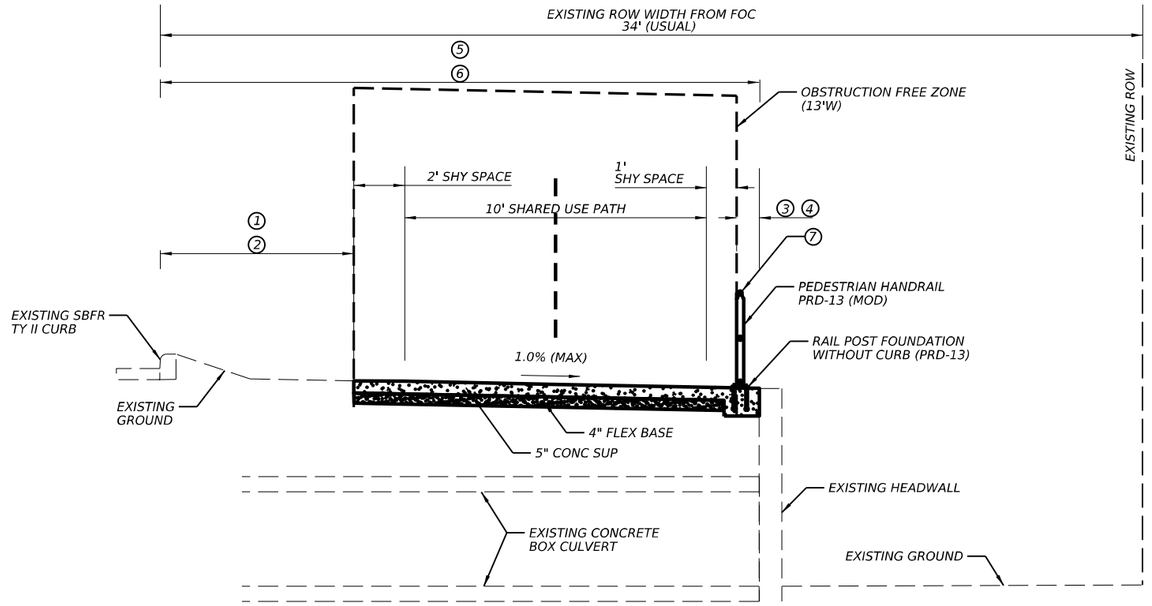
100% SUBMITTAL

cx:
cx:
cx:
cx:



SHARED USE PATH
PROPOSED TYPICAL SECTION (N.T.S.)

STA 10+60.58 TO STA 20+75.00
STA 21+31.00 TO STA 22+50.00
STA 24+50.00 TO STA 24+91.00



SHARED USE PATH - CULVERT SECTIONS
PROPOSED TYPICAL SECTION (N.T.S.)

STA 20+75.00 TO STA 21+31.00
STA 24+91.00 TO STA 25+37.00

LEGEND

1. STA 20+75.00 TO STA 21+31.00: 8.8'
2. STA 24+91.00 TO STA 25+37.00: 8.1'
3. STA 20+75.00 TO STA 21+31.00: 1.21'
4. STA 24+91.00 TO STA 25+37.00: VARIES 0.95' TO 1.68'
5. STA 20+75.00 TO STA 21+31.00: 21'
6. STA 24+91.00 TO STA 25+37.00: VARIES 20.1' TO 20.8'
7. RAIL LIMITS: STA 20+70.36 TO STA 21+38.05
   STA 24+84.22 TO STA 25+43.94

* EXISTING DRIVEWAY

STATE OF TEXAS
BETESEB SHIBIKOM
137319
LICENSED
PROFESSIONAL ENGINEER
12/04/2024

CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY

AtkinsRéalis
TBPE REG. #F-474

183A SBFR SUP SOUTH OF SAN GABRIEL PKWY

PROPOSED TYPICAL SECTIONS

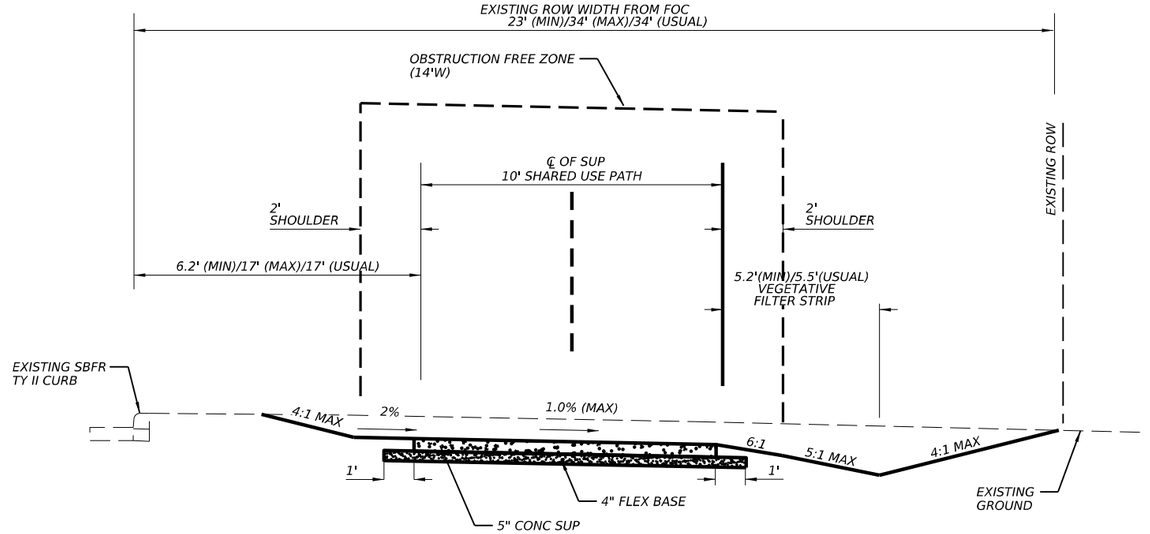
SHEET 1 OF 2

CONT	SECT	JOB	HIGHWAY
			183A
DIST	COUNTY		SHEET NO.
AUS	WILLIAMSON		4

DATE: 12/4/2024 3:23:48 PM
FILE: ...\183AP3_GEN_TYP-04.dgn

100% SUBMITTAL

CK:
DW:
CK:
DW:



SHARED USE PATH
PROPOSED TYPICAL SECTION (N.T.S.)

STA 22+50.00 TO STA 24+50.00
STA 25+37.00 TO STA 32+26.23

STATE OF TEXAS
BETESEB SHIBIKOM
137319
LICENSED
PROFESSIONAL ENGINEER
Beteseb Shibikom
12/04/2024

CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY

AtkinsRéalis
TBPE REG. #F-474

183A SBFR SUP SOUTH OF SAN GABRIEL PKWY

PROPOSED TYPICAL SECTIONS

SHEET 2 OF 2

CONT	SECT	JOB	HIGHWAY
			183A
DIST	COUNTY		SHEET NO.
AUS	WILLIAMSON		5

DATE: 12/4/2024 3:23:49 PM
FILE: ...\183AP3_GEN_TYP-04.dgn

100% SUBMITTAL

CK:
DW:
CK:
DW:

GENERAL NOTES: Version: October 24, 2024

Basis of Estimate

Item	Description	**Rate
168	**Vegetative Watering**	
	Permanent Seed or Sod	**20 GAL/SY**
	Temporary	**10 GAL/SY**
**204	**Sprinkling**	
	(Dust)	30 GAL/CY
	(Item 132)	30 GAL/CY
	(Item 247)	30 GAL/CY
**210	**Rolling (Flat Wheel)**	
	(Item 247)	1 HR/200 TON
	(Item 316)	1 HR/6000 SY
**210	**Rolling (Tamping and Heavy Tamping)**	1 HR/200 CY
**210	**Rolling (Lt Pneumatic Tire)**	
	(Item 132)	1 HR/500 CY
	(Item 247)	1 HR/200 TON
	(Item 316 - Seal Coat)	1 HR/6000 SY
	(Item 316 - Two Course)	1 HR/3000 SY
216	**Proof Rolling**	1 HR/500 SY
247	**Flexible Base (CMP IN PLC)**	132 LB/CF

** For Informational Purposes Only

The following standard detail sheet or sheets have been modified:
Modified Standards
PRD-13 (MOD) – PEDESTRIAN HANDRAIL DETAILS

GENERAL
The "Engineer" shall be the Central Texas Regional Mobility Authority's (Mobility Authority) consultant identified by the Mobility Authority at the Pre-Construction Meeting.

References to manufacturer's trade name or catalog numbers are for the purpose of identification only. Similar materials from other manufacturers are permitted if they are of equal quality, comply with the specifications for this project, and are approved by the Mobility Authority.

Perform work during good weather. If work is damaged by a weather event, the Contractor is responsible for all costs associated with replacing damaged work.

If work is performed at Contractor's option, when inclement weather is impending, and the work is damaged by subsequent precipitation, the Contractor is responsible for all costs associated with replacing the work, if required.

Remove and replace, at the Contractor's expense, and as directed, all defective work, which was caused by the Contractor's workforce, materials, or equipment. The existing subgrade and bed material will be free of organic material prior to placing any subsection of the SUP pavement structure.

Equip all construction equipment used in roadway work with highly visible omnidirectional flashing warning lights.

Contractor is responsible for verifying the location of all utilities (overhead and underground) and notifying the Engineer of any discrepancies before beginning construction. Contractor shall contact utility companies 48 hours prior to construction and take "caution" in areas where utilities are close together to avoid damaging the utilities.

Both TxDOT owned and CTRMA owned Intelligent Transportation Systems (ITS) and Electronic Toll Collection (ETC) Systems Infrastructure may exist within the limits of this project. All ITS and ETC Systems must remain operational throughout project construction. The exact location of underground ITS Infrastructure may not be known. Backbone and hub communication fiber links are critical and must be maintained for the duration of the project and beyond.

Short periods for switchovers must be approved in writing by CTRMA and shall be scheduled with both TxDOT and CTRMA at least 30 days in advance. Scheduled changeovers should occur at night.

Use caution when working near ITS/ETC Infrastructure to avoid damage. Repair any damage to the ITS, ETC, and Infrastructure within 8 hours of occurrence at no cost to TxDOT/CTRMA. In the event of TxDOT system damage, notify TxDOT at (512) 974-0883 and the Toll Operations Division at (512) 874-9177 within one hour of occurrence. In the event of CTRMA system damage, notify the CTRMA Director of Operations at (512) 996-9778 within one hour of occurrence. Failure of the Contractor to repair damage within 8 hours of occurrence to any infrastructure that conveys any corridor information to TxDOT/CTRMA will result in the Contractor being billed for the full cost of emergency repairs performed by others. Upon completion of installation of permanent fiber optic duct bank and cable and switchover from temporary to permanent has been made, remove all temporary fiber optic cable, timber poles, messenger cable and ground boxes. Temporary conduit to existing ground boxes shall be separated from existing ground boxes and access port to ground box shall be repaired.

Supply litter barrels in enough numbers at locations as directed to control litter within the project. Consider subsidiary to pertinent Items.

Use a self-contained vacuum broom to sweep the roadway and keep it free of sediment as directed. The contractor will be responsible for any sweeping above and beyond the normal maintenance required to keep fugitive sediment off the roadway as directed by the Engineer.

Damage to existing pipes and SET's due to Contractor operations will be repaired at Contractor's expense.

All locations used for storing construction equipment, materials, and stockpiles of any type, within the right of way, will be as directed. Use of right of way for these purposes will be restricted to those locations where driver sight distance to businesses and side street intersections is not obstructed and at other locations where an unsightly appearance will not exist. The Contractor will not have exclusive use of right of way but will cooperate in the use of the right of way with the city/county and various public utility companies as required.

Protect all areas of the right of way (ROW) that are not included in the actual limits of proposed construction areas. Exercise care to prevent damage of trees, vegetation and other natural surroundings. Areas not to be disturbed will be as directed by the Engineer. Restore any area disturbed by the Contractor's operations to a condition as good as, or better than, before the beginning of work.

Coordinate and obtain approval for all work over existing roadways.

During evacuation periods for Hurricane events the Contractor will cooperate with the Mobility Authority and TxDOT for the restricting of Lane Closures and arranging for Traffic Control to facilitate Coastal Evacuation Efforts.

Contractor is responsible for all toll charges incurred by Contractor vehicles.

ITEM 4 – SCOPE OF WORK
Final Clean-Up will include the removal of excess material considered detrimental to vegetation growth along the front slope of the ditch. Materials, as specified by the Engineer, will be removed at the Contractor's expense.

ITEM 5 – CONTROL OF THE WORK
Provide a 48-hour advance email notice to AUS_Locate@txdot.gov to request illumination, traffic signal, ITS, or toll equipment utility locates on TxDOT's system (US 183, 183A frontage roads between Brushy Creek and SH 45N). Provide a 2-week advance notice to the Engineer to request locates on the Mobility Authority's system (183A in areas not mentioned above).

Before the Mobility Authority or its contractor begins work on State right of way, the entity performing the work shall provide TxDOT with a fully executed copy of TxDOT's Form 1560 Certificate of Insurance verifying the existence of coverage in the amounts and types specified on the Certificate of Insurance for all persons and entities working on State right of way. This coverage shall be maintained until all work on TxDOT right of way is complete. If coverage is not maintained, all work on State right of way shall cease immediately, and TxDOT may recover damages and all costs of completing the work.

Cooperate and coordinate with other Contractors working within the limits or adjacent to the limits of construction.

Electronic Shop Drawing Submittals
Submit electronic shop drawing submittals using the Mobility Authority's Electronic Data Management System (EDMS), which will be established for the Project prior to commencing construction. Submittals will be addressed to the Construction, Engineering and Inspections (CE&I) Firm's Resident Engineer (RE) and additional staff, as appropriate.

ITEM 6 – CONTROL OF MATERIALS
Give a minimum of 5 business days notice for materials which require inspection at the Plant.

ITEM 7 – LEGAL RELATIONS AND RESPONSIBILITIES
Refer to the Environmental Permits, Issues and Commitments (EPIC) plan sheets for additional requirements and permits.

When any abandoned well is encountered, cease construction operations in this area and notify the Engineer who will coordinate the proper plugging procedures. A water well driller licensed in the State of Texas must be used to plug a well.

Erosion control and stabilization measures must be initiated immediately in portions of the site where construction activities have temporarily ceased and will not resume for a period exceeding 14 calendar days. Track all exposed soil, stockpiles, and slopes. Tracking consists of operating a tracked vehicle or equipment up and down the slope, leaving track marks perpendicular to the direction of the slope. Re-track slopes and stockpiles after each rain event or every 14 days, whichever occurs first. This work is subsidiary.

Do not park equipment where driver sight distance to businesses and side street intersections is obstructed, especially after work hours. If it is necessary to park where drivers' views are blocked, make every effort to flag traffic accordingly. Give the traveling public first priority.

Perform maintenance of vehicles or equipment at designated maintenance sites. Keep a spill kit on-site during fueling and maintenance. This work is subsidiary.

Maintain positive drainage for permanent and temporary work for the duration of the project. Be responsible for any items associated with the temporary or interim drainage and all related maintenance. This work is subsidiary.

Collect wastewater generated on-site by chemical toilets and transport off the recharge zone and dispose of properly.

Suspend all activities near any significant recharge features, such as sinkholes, caves, or any other subterranean openings that are discovered during construction or core sampling. Do not proceed until the designated Geologist or TCEQ representative is present to evaluate and approve remedial action.

For projects with PSLs in Edwards Aquifer Recharge/Contributing Zone or in USACE Jurisdictional Area:

Project Specific Location (PSL) in Edwards Aquifer Recharge and Contributing Zone
Obtain written approval from the Engineer for all on or off right of way PSLs not specifically addressed in the plans. Provide a signed SW3P sketch of the location 30 business days prior to use of the PSL. Include a list of materials, equipment and portable facilities that will be stored at the PSL.

PSL in USACE Jurisdictional Area
Do not initiate activities in a PSL associated with a U.S. Army Corps of Engineers (USACE) jurisdictional area that have not been previously evaluated by the USACE as part of the permit review of this project. Such activities include, but are not limited to, haul roads, equipment staging areas, borrow and disposal sites. Associated defined here means materials are delivered to or from the PSL. The jurisdictional area includes all waters of the U.S. including wetlands or associated wetlands affected by activities associated with this project. Special restrictions may be required for such work. Consult with the USACE regarding activities, including PSLs that have not been previously evaluated by the USACE. Provide the Mobility Authority with a copy of all USACE coordination and approvals before initiating activities.

CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY

AtkinsRéalis
TBPE REG. #F-474

183A SBFR SUP SOUTH OF SAN GABRIEL PKWY

GENERAL NOTES

SHEET 1 OF 4

CONT	SECT	JOB	HIGHWAY
			183A
DIST	COUNTY		SHEET NO.
AUS	WILLIAMSON		6

DATE: 12/4/2024 3:24:03 PM
FILE: ...\183AP3_GEN_GN-03.dgn

Proceed with activities in PSLs that do not affect a USACE jurisdictional area if self-determination has been made that the PSL is non-jurisdictional or proper clearances have been obtained in USACE jurisdictional areas or have been previously evaluated by the USACE as part of the permit review of this project. Document any determinations that PSL activities do not affect a USACE jurisdictional area. Maintain copies of PSL determinations for review by the Mobility Authority or any regulatory agency. The Contractor must document and coordinate with the USACE, if required, before any excavation material hauled from or embankment material hauled into a USACE jurisdictional area by either (1) or (2) below.

Restricted Use of Materials for the Previously Evaluated Permit Areas.
When an area within the project limits has been evaluated by the USACE as part of the permit process for this project:

a) suitable excavation of required material in the areas shown on the plans and cross sections as specified in Standard Specification Item 110, Excavation is used for permanent or temporary fill within a USACE jurisdictional area;
b) suitable embankment from within the USACE jurisdictional area is used as fill within a USACE evaluated area;
c) Unsuitable excavation or excess excavation that is disposed of at an approved location within a USACE evaluated area.

Contractor Materials from Areas Other than Previously Evaluated Areas.
Provide the Mobility Authority with a copy of all USACE coordination and approvals before initiating any activities in a jurisdictional area within the project limits that has not been evaluated by the USACE or for any off right of way locations used for the following, but not limited to, haul roads, equipment staging areas, borrow and disposal sites:

a) Standard Specification Item 132, Embankment is used for temporary or permanent fill within a USACE jurisdictional area;
b) Unsuitable excavation or excess excavation that is disposed of outside a USACE evaluated area.

Work over or near Bodies of Water (Lakes, Rivers, Ponds, Creeks, etc.)
Keep on site a universal spill kit adequate for the body of water and the work being performed. No debris is allowed to fall into a body of water. Debris that falls into the water must be removed at the end of each work day. Debris that falls into the floodway must be removed at the end of each work week or prior to a rain event. This work is subsidiary.

DSHS Asbestos and Demolition Notification
Complete and provide the Texas Department of State Health Services (DSHS) notification form to the Engineer at least 30 calendar days prior to bridge or bridge class culvert removal or renovation. Notify the Engineer via email of any changes to the Work Start and End Dates.

Migratory Birds and Bats
Migratory birds and bats may be nesting within the project limits and concentrated on roadway structures such as bridges and culverts. Remove all old and unoccupied migratory bird nests from any structures, trees, etc. between September 16 and February 28. Prevent migratory birds from re-nesting between March 1 and September 15. All methods used for the removal of old nesting areas and the prevention of re-nesting must be submitted to the Mobility Authority 30 business days prior to begin work. This work is subsidiary.

If active nests are encountered on-site during construction, all construction activity within 50 ft. of the nest must cease immediately. Contact the Engineer to determine how to proceed.

No extension of time or compensation payment will be granted for a delay or suspension of work caused by migratory birds or bats. This work is subsidiary.

Law Enforcement Personnel.
Submit charge summary and invoices using Mobility Authority-provided forms.

Patrol vehicles must be clearly marked to correspond with the officer's agency and equipped with appropriate lights to identify them as law enforcement. For patrol vehicles not owned by a law enforcement agency, markings will be retroreflective and legible from 100 ft. from both sides and the rear of the vehicle. Lights will be high intensity and visible from all angles.

No payment will be made for law enforcement personnel needed for moving equipment or payment for drive time to/from the event site.

If the Contractor has a field office, provide an office location for a supervisory officer when event requires a supervising officer. This work is subsidiary.

A maximum combined rate of $70 per hour for the law enforcement personnel and the patrol vehicle will be allowed. Any scheduling fee is subsidiary per Standard Specification 502.4.2.

Cancel law enforcement personnel when the event is canceled. Cancellation, minimums or "show up" fees will not be paid when cancellation is made 12 hours prior to beginning of the event. Failure to cancel within 12 hours will not be cause for payment for cancellation, minimums, or "show up" time. Payment of actual "show up" time to the event site due to cancellation will be on a case by case basis at a maximum of 2 hours per officer.

Alterations to the cancellation and maximum rate must be approved by the Engineer or pre-determined by official policy of the officers governing authority.

Back Up Alarm
For hours 9 P to 5 A, utilize a non-intrusive, self-adjusting noise level reverse signal alarm. This is not applicable to hot mix or seal coat operations. This is subsidiary.

ITEM 8 – PROSECUTION AND PROGRESS
Electronic versions of schedules will be saved in native format and delivered in both native and PDF formats.

Working Days will be charged based on a Standard Workweek.

Work is allowed to be performed during the nighttime, with prior approval, per Article 8.3.

Provide via email a baseline schedule in Gantt chart format.

Provide via email a current-week plus a 3-week look-ahead schedule in Gantt chart format. Submit weekly prior to the project meeting or by noon on Friday, whichever comes first. Designate each activity as night or day shift and include the name of the foreman or contractor. The chart shall have a specific section dedicated solely to lane closures and detours. Each lane closure and detour shall be an individual item on the schedule.

The contractor will have 50 working days from NTP to complete the project and have the entire project open to pedestrian/bike traffic.

Lane Closure Assessments will be assessed as shown in the **Table 1** below.

Any unauthorized lane closures will be assessed to the Contractor as noted in **Table 1** below. All Lane Closure Assessments for the Contractor will be subtracted from the value of the payment application for that associated period.

Table 1: Lane Closure Assessment

Lane Closure Period	Late Charges (Per Lane) 183A & 183A FR	
	Lane	Shoulder
0-15 Mins	$1,000	$1,000
15-30 Mins	$2,000	$2,000
30-45 Mins	$3,000	$3,000
45-60 Mins	$4,000	$4,000
Every Additional 15-Minute Interval after 1-Hour	$2,000	$2,000

For example: If the contractor has one southbound lane of traffic closed on US 183 until Monday at 5:32 a.m., the contractor is 32 minutes outside of the allowable lane closure period. Refer to Item 502 for Allowable Lane Closure Times. The late charges will be accrued as follows:

1 lane closed × [$1,000+ $1,000 + $1,000] = $3,000

Emergency lane closures are not subject to lane closure assessments. Emergency lane closures are defined as closures caused by circumstances other than those caused by the contractor and shall be approved by the Mobility Authority.

Refer to Table 2. Allowable Lane Closure of Item 502 – Barricades, Signs, and Traffic Handling for available lane closure times.

Lane Closure Assessments will apply to the shoulder of the main lane and general purpose lanes.

ITEM 9 – MEASUREMENT AND PAYMENT
Provide full-time, off-duty, uniformed, certified peace officers in officially marked vehicles, as part of traffic control operations, as directed by the Engineer.
Show proof of certification by the Texas Commission on Law Enforcement Standards.

No payment will be made for peace officers unless the Contractor completes the proper Department tracking form. Submit invoices that agree with the tracking form for payment at the end of each month, when approved services were provided. Request the tracking form from the Department.

No payment for officers used for moving equipment without prior written approval.

Cancel "Off-Duty" Peace Officers and their Motor Vehicle Units when the Scheduled lane closures are canceled. Failure to cancel the Off-Duty Officers and their respective Motor Vehicle Units will not be the cause for payment, by Mobility Authority, for "Show Up" time.

ITEM 100 – PREPARING RIGHT OF WAY
Prep ROW must not begin until accessible trees designated for preservation have been protected, items listed in the EPIC have been addressed, and SW3P controls installed in accessible areas.

Burning brush is not allowed.

Backfill material will be Type A Embankment using ordinary compaction.

Follow Item 752.4 Work Methods and Item 752 general notes when removing or working on or near trees and brush.

Unless shown otherwise in the plans or a designated non-mow area, perform trimming or removal for areas within 30 ft. of edge of pavement under construction. Trim or remove to provide minimum of 5 ft. of horizontal clearance and 7 ft. of vertical clearance for the following: guard fence, rails, signs, object markers, and structures. Trim to provide a minimum of 14 ft. vertical clearance under all trees. Trimming shall occur on a quarterly cycle thru the duration of construction and shall include a final cycle prior to Final Acceptance. This work is subsidiary.

Use hand methods or other means of removal if doing work by mechanical methods is impractical. This work is subsidiary to Item 100.

ITEM 110 – EXCAVATION
Unsuitable material encountered in a cut section will be considered waste. Unsuitable material is defined as shale, clay shale, shaley clay or an embankment material having a PI greater than 40.

ITEM 132 – ALL EMBANKMENT

Unsuitable material is defined as shale, clay shale, shaley clay or an embankment material having a PI greater than 40. Material which the Contractor might deem to be unsuitable due to moisture content will not be considered unsuitable material. Prior to beginning placement of embankment of existing area, correct or replace

CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY

AtkinsRéalis TBPE REG. #F-474

183A SBFR SUP SOUTH OF SAN GABRIEL PKWY

GENERAL NOTES

CONT	SECT	JOB	HIGHWAY
			183A
DIST	COUNTY		SHEET NO.
AUS	WILLIAMSON		7

unstable material to a depth of 6 in. below existing grade. In areas where existing earth stockpiles are located within the median, existing material (within 5 ft. of the bottom of the Mainlane cement treated base) shall be removed and recompacted in accordance with Embankment (TY B) requirements. Refer to Table 1 for additional information. Work will not be paid for directly but shall be considered subsidiary to the various bid items. Embankment areas will be inspected prior to beginning work.

Track all embankment slopes left idle for more than 14 days, within or at the end of the 14-day idle period to prevent erosion. Tracking consists of operating a tracked vehicle or equipment up and down the slope, leaving track marks perpendicular to the direction of the slope. Tracking slopes to prevent erosion is considered subsidiary to the pertinent items.

Obtain approval of all compaction equipment prior to backfilling and/or embankment operations.

ITEM 164 – SEEDING FOR EROSION CONTROL
Temporary and Permanent Seeding shall be as described below.

Temporary Seeding
Temporary seeding species should be Winter Wheat at 6 lbs./acre for Cool Season and Foxtail Millet at 10 lbs./acre for Warm Season.

Permanent Seeding

Common Name	Scientific Name	Habit	lb. PLS/Acre
Prairie Wildrye	*Elymus Canadensis*	Grass	2.0
Green Sprangletop	*Leptochloa Dubia*	Grass	1.0
Little Bluestem	*Schizachyrium Scoparium*	Grass	3.0
Sideoats Grama	*Bouteloua Curtipendula*	Grass	7.0
Buffalograss	*Bouteloua Dactyloides*	Grass	15.0
Curly-Mesquite	*Hilaria Belangeri*	Grass	1.0
Purple Threeawn	*Artisida Purpurea Var. Purpea*	Grass	1.0
Hall's Panicum	*Panicum Hallii Var. Hallii*	Grass	0.5
Yellow Indiangrass	*Sorghashastrum Nutans*	Grass	2.5
		TOTAL	**33.0**
Illinois Bundleflower	*Desmanthus Illinoensis*	Forb	6.0
Indian Blanket	*Gaillardia Pulchella*	Forb	6.0
Lemon Mint	*Mondarda Citriodora*	Forb	1.0
Bluebonnet	*Lupinus Texensis*	Forb	12.0
Pink Evening Primrose	*Oenothera Speciosa*	Forb	1.0
Black-Eyed Susan	*Rudbecia Hirta*	Forb	1.0
Texas Star	*Lindheimera Texana*	Forb	1.0
Mealy Blue Sage	*Salvia Farinacea*	Forb	1.5
Partridge Pea	*Cassia (Chamaecrista) Fasiculata*	Forb	8.0
Plains Coreopsis	*Coreopsis Tinctoria*	Forb	1.0
		TOTAL	**38.5**

NOTE: 19 Species Total

ITEM 168 – VEGETATIVE WATERING
Water all areas of project to be seeded or sodded.

Maintain the seedbed in a condition favorable for the growth of grass. Watering can be postponed immediately after a rainfall on the site of ½ inch or greater but will be resumed before the soil dries out. Continue watering until final acceptance.

Obtain water at a source that is metered (furnish a current certification of the meter being used) or furnish the manufacturer's specifications showing the tank capacity for each truck used. Notify the Engineer, each day that watering takes place, before watering, so that meter readings or truck counts can be verified.

This work is subsidiary.

ITEM 502 – BARRICADES, SIGNS, AND TRAFFIC HANDLING
Cover, relocate or remove existing signs that conflict with traffic control. Install all permanent signs, delineation, and object markers required for the operation of the roadway before opening to traffic. Use of temporary mounts is allowed or may be required until the permanent mounts are installed or not impacted by construction. Maintain the temporary mounts. This work is subsidiary.
Do not set up traffic control when the pavement is wet.

Maintain access to all streets and driveways at all times, unless otherwise approved. Considered subsidiary to the pertinent Items.

Table 2. Allowable Lane Closure

Roadway	Limits	Allowable Closure Time* Weekday
183A FR	Hero Way to San Gabriel Pkwy	9 PM to 5 AM

* Allowable Closure Time includes setup and cleanup time.

For roadways without defined allowable closure times, nighttime lane closures will be allowed from 8 P to 5 A. Unless stated, daytime or Friday night lane closures will not be allowed and one lane in each direction will remain open at all times for all roadways.

Full mainlane closures will not be allowed. Full ramp closures must be approved by the Engineer.

No closures will be allowed on Friday nights. No closures will be allowed to 183A Main Lanes.

No closures will be allowed the weekends adjacent to, working day prior, and working day after the National Holidays defined in the Standard Specifications and Easter weekend. No closures will be allowed on Friday and the weekends for Austin City Limits Fest, Formula 1 United States Grand Prix, South by Southwest, UT home football games, Republic of Texas Rally, Rodeo Austin or other special events that could be impacted by the construction. All lanes will be open by noon of the day before these special events. The closure restrictions may be amended by the Engineer.

To account for directional traffic volumes, begin and end times of closures may be shifted equally by the Engineer. The closure duration will remain. Added compensation is not allowed.

Submit a request for a lane closure notification (LCN) to the Mobility Authority using the CTRMA's electronic document management system. Receive concurrence prior to implementation. Submit a cancellation of lane closures a minimum of 18 hours prior to implementation.

Blanket requests for extended periods are not allowed. Max duration of a request is 2 weeks prior to requiring resubmittal. Provide 2-hour notice prior to implementation and immediately upon removal of the closure.

Submit the request a minimum of 48 hours prior to the closure and by the following deadline immediately prior to the closure: 11A on Tuesday or 11A on Friday.

For all roadways: Submit request for traffic detours and full roadway closures 7 days prior to implementation.

Cancellations of accepted closures (not applicable to full closures or detours) due to weather will not require resubmission in accordance with the above restrictions if the work is completed during the next allowable closure time.

In the case of an unauthorized lane closure, all approved LCNs will be revoked until a meeting is held between the contractor and the Engineer. No lane closure notices will be approved until the meeting is concluded.

Meet with the Engineer prior to lane closures to ensure that sufficient equipment, materials, devices, and workers will be used. Take immediate action to modify traffic control, if at any time backup (queuing) becomes greater than 20 minutes. Have a contingency plan of how modification will occur. Consider inclement weather prior to implementing the lane closures.

Maximum lane closure length shall be 2 miles.

Do not setup lane and/or shoulder closures on both sides of road at the same time.

Closures that conflict with adjacent contractor will be prioritized according to critical path work per latest schedule. Conflicting critical path or non-critical work will be approved for first LCN submitted. Denial of a closure due to prioritization or other reasons will not be reason for time suspension, delay, overhead, etc.

Maintain a minimum of 2 through lanes in each direction on the 183A frontage roads and US 183 within the limits of Brushy Creek to Hero Way and a minimum of 1 through lane North of Hero Way.

Shadow Vehicle with TMA is required for setup/removal of traffic control devices.

ITEM 506 – TEMPORARY EROSION, SEDIMENTATION, AND ENV CONTROLS
Install, maintain, remove erosion, sedimentation and environmental control measures in areas of the right of way utilized by the contractor that are outside the limits of disturbance required for construction. Permanently stabilize the area. This work is subsidiary.

ITEM 531 – SIDEWALKS
Refer to Shared Use Path Miscellaneous Details for additional information regarding Item 531 Sidewalks.

The surface profile may be adjusted to the extent allowed by ADA. This work is subsidiary.

ITEM 600s – LIGHTING, SIGNING, MARKINGS, AND SIGNALS
Use materials from Material Producer List as shown on the TxDOT website (TxDOT.gov > Business > Resources). Furnish new material as required per Standard Specification.
Meet the requirements of the NEC, Texas MUTCD, TxDOT standards, and TxDOT Standard Specifications. If existing elements shown to remain do not meet the codes or specifications, provide notice to the Engineer.

ITEM 636 – SIGNS
Final location of the signs must be approved prior to installation.

Stake all sign locations and receive approval prior to sign placement.

Leave the advance guide sign and/or exit direction sign for an interchange in place at all times unless directed to remove the signs.

All signs that are to be replaced should have the old sign removed and the new sign placed within the same day and the same operation and setup.

Manufacture all white legends using Clearview font on overhead and large ground-mounted guide signs. This includes destinations, cardinal directions, exit information and exit numbers. Use the font shown on the current Standard Drawings for all route markers and "Exit Only" panel information.

CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY

AtkinsRéalis
TBPE REG. #F-474

183A SBFR SUP SOUTH OF SAN GABRIEL PKWY

GENERAL NOTES

SHEET 3 OF 4

CONT	SECT	JOB	HIGHWAY
			183A
DIST	COUNTY		SHEET NO.
AUS	WILLIAMSON		8

100% SUBMITTAL

CK:
DW:
CK:
DW:

Provide shop drawings for signs. The shop drawings shall conform to the details shown on the plans. The shop drawings shall show the details of the panels, wind beams, stiffeners, joint backing plates, splices, joint backing plates, splices, fasteners, brackets, and sign support connections. The shop drawings shall show letter types and sizes, interline spacing and message arrangements.

Any sign with CTRMA logo displayed shall be approved by the Mobility Authority prior to fabrication.

Affix a sign identification decal to the back of all new signs in accordance with Item 643. Attach sheeting applied to extruded aluminum panels to each individual extrusion.

Contractor will retain ownership of replaced signs.

ITEM 666 – RETROREFLECTORIZED PAVEMENT MARKINGS
Notify the Engineer at least 24 hours in advance of work for this item.

Place longitudinal markings no later than 7 calendar days after placement of the surface for roadways with AADT greater than 20,000. Place longitudinal markings within 10 calendar days of placing surface for roadways with ADT greater than 5,000.

Pavement Sealer will cure 48 hours prior to placing TY I markings. Roadway surface will cure 72 hours prior to placing TY I.

When the raised portion of a profile marking is placed as a separate operation from the pavement marking, the raised portion must be placed first then covered with TY I.

When using black shadow to cover existing stripe apply a non-retroreflective angular abrasive bead drop. The marking color shall be adjusted to resemble the pavement color. If Item 677 is not used prior to placement of black shadow, scrape the top of the marking with a blade or large piece of equipment unless surface is a seal coat. The scraping of the marking is subsidiary.

ITEM 677 – ELIMINATING EXISTING PAVEMENT MARKINGS AND MARKERS
Remove and dispose of off the ROW any existing raised pavement markers and pavement markings before beginning operations. This work is subsidiary.

Elimination using a pavement marking will not be allowed in lieu of methods listed in specification.

Remove pavement markings on concrete surfaces by a blasting method. Flail milling will be allowed when total quantity of removal on concrete surfaces is less than 1000 ft.

Remove pavement markings outside the limits of the new surface by a blasting method.

Use a TRAIL or a non-retroreflective paint to cover stripe remnants that remain after elimination. The test requirements for these materials are waived. The paint color shall be adjusted to resemble the existing pavement color. Installation and maintenance is subsidiary.

DATE: 12/4/2024 3:24:09 PM
FILE: ...\183AP3_GEN_GN-03.dgn

CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY

AtkinsRéalis
TBPE REG. #F-474

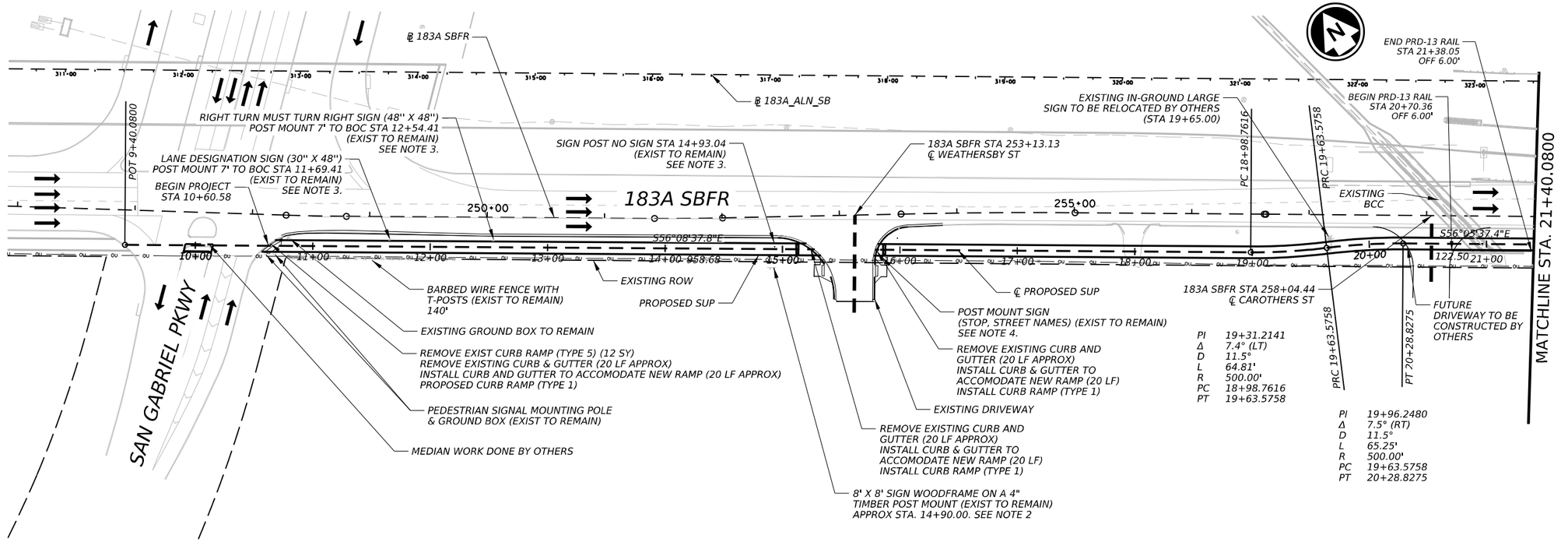
183A SBFR SUP SOUTH OF SAN GABRIEL PKWY

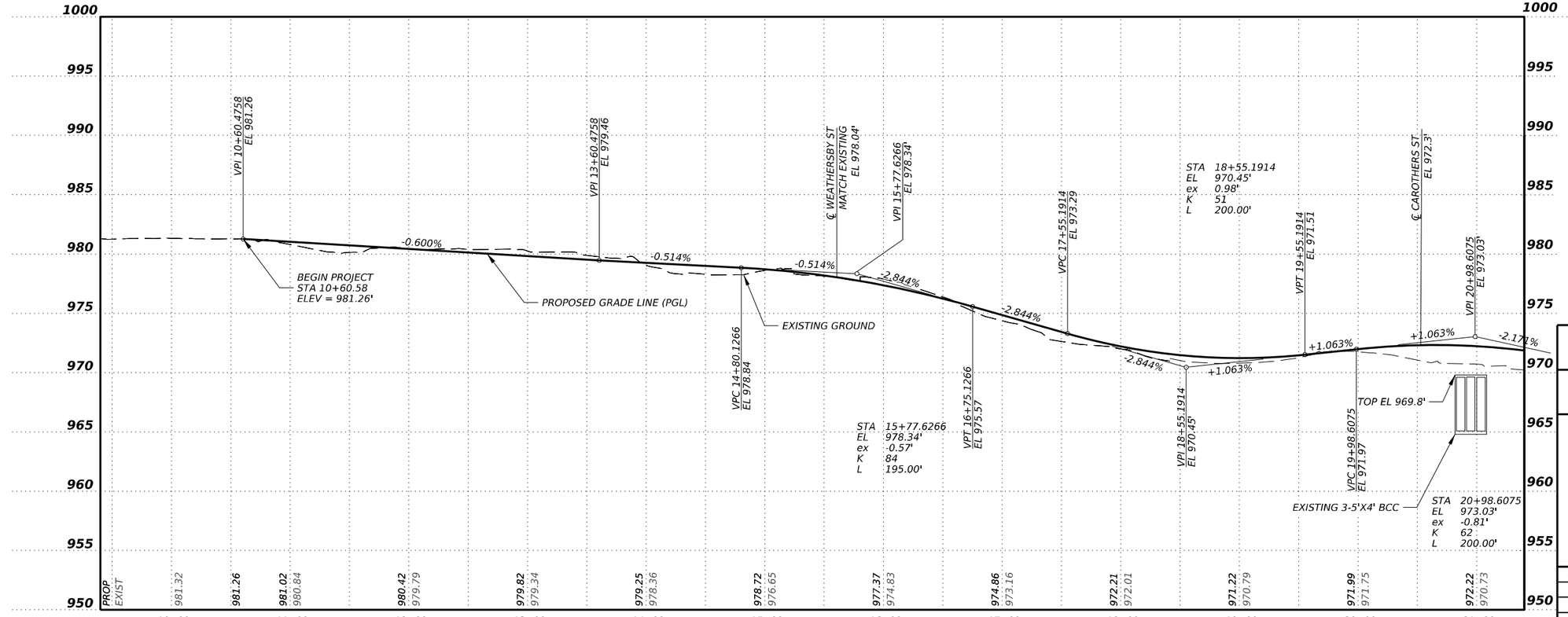
GENERAL NOTES

SHEET 4 OF 4

CONT	SECT	JOB	HIGHWAY
			183A
DIST	COUNTY		SHEET NO.
AUS	WILLIAMSON		9

100% SUBMITTAL





NOTES:

1. CONTRACTOR SHALL NOT WORK OUTSIDE OF CTRMA RIGHT OF WAY WITHOUT APPROVAL OF THE ENGINEER.
2. IF EMBANKMENT LIMITS ENCROACH UPON THE SIGN, THEN CONTRACTOR SHALL REMOVE AND RE-INSTALL AFTER THE PERMANENT WORK IS COMPLETE.
3. IF IMPACTED BY SUP, MOVE OVER TO THE LHS OF SUP AT A LOCATION APPROVED BY THE ENGINEER. OBTAIN ENGINEER APPROVAL PRIOR TO REMOVING SIGN.
4. EXISTING SIGN TO REMAIN. IF IMPACTED BY SUP MOVE OVER TO RHS OF SUP AT A LOCATION APPROVED BY THE ENGINEER.

STATE OF TEXAS
BETESEB SHIBIKOM
137319
LICENSED
PROFESSIONAL ENGINEER
12/04/2024

CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY

AtkinsRéalis
TBPE REG. #F-474

183A SBFR SUP SOUTH OF SAN GABRIEL PKWY

PLAN & PROFILE

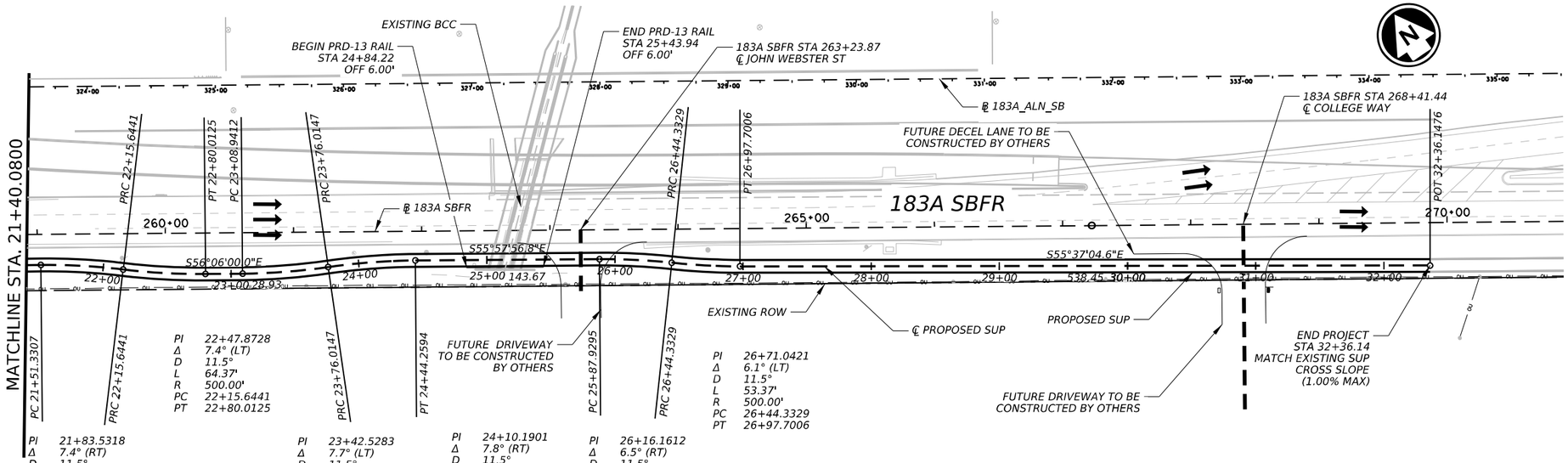
SHEET 1 OF 2

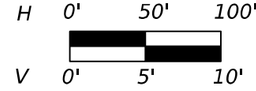
CONT	SECT	JOB	HIGHWAY
			183A
DIST	COUNTY		SHEET NO.
AUS	WILLIAMSON		28

DATE: 12/4/2024 3:26:03 PM
FILE: ...\183AP3_RDW_PP_SUP-1.dgn

100% SUBMITTAL

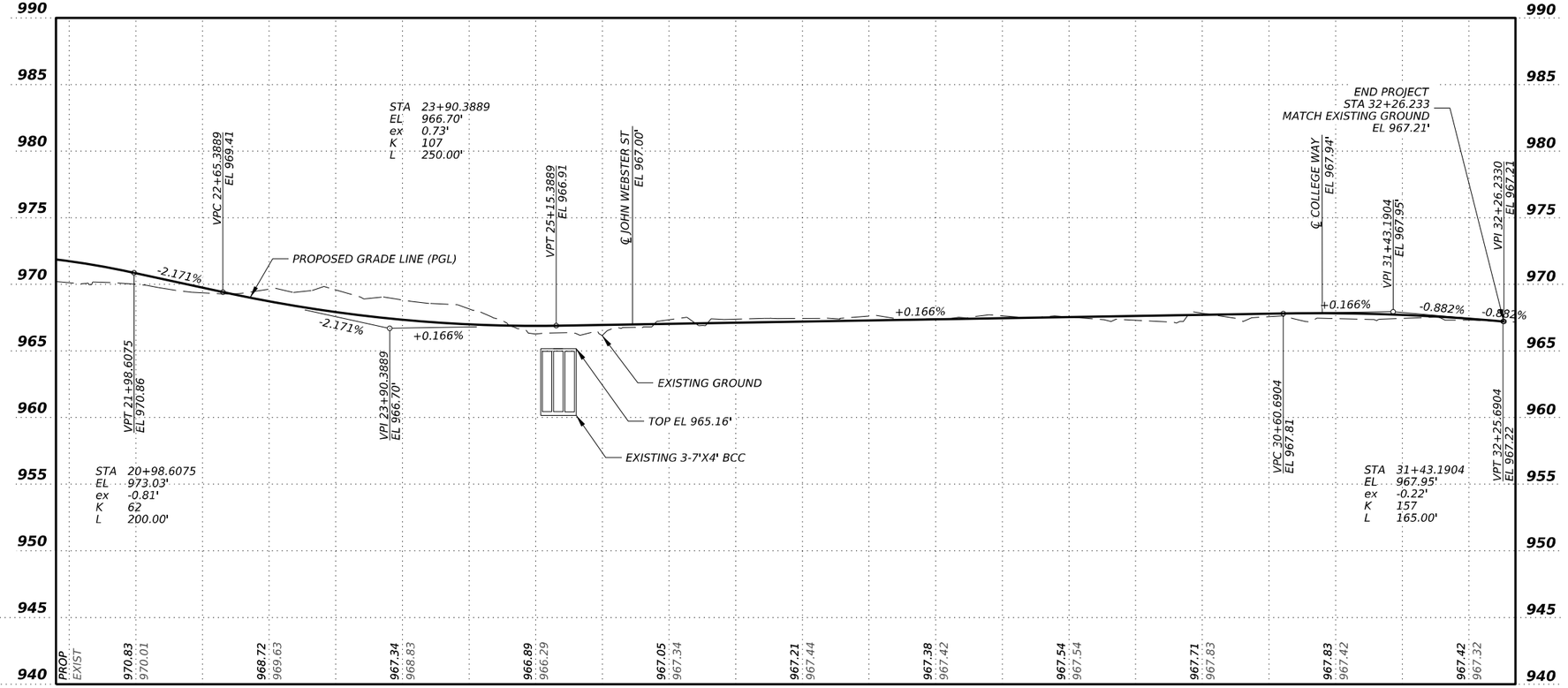
CK:
DW:
CK:
DW:





NOTES:

1. CONTRACTOR SHALL NOT WORK OUTSIDE OF CTRMA RIGHT OF WAY WITHOUT APPROVAL OF THE ENGINEER.
2. IF EMBANKMENT LIMITS ENCROACH UPON THE SIGN, THEN CONTRACTOR SHALL REMOVE AND RE-INSTALL AFTER THE PERMANENT WORK IS COMPLETE.
3. IF IMPACTED BY SUP, MOVE OVER TO THE LHS OF SUP AT A LOCATION APPROVED BY THE ENGINEER. OBTAIN ENGINEER APPROVAL PRIOR TO REMOVING SIGN.
4. EXISTING SIGN TO REMAIN. IF IMPACTED BY SUP MOVE OVER TO RHS OF SUP AT A LOCATION APPROVED BY THE ENGINEER.



CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY

AtkinsRéalis
TBPE REG. #F-474

183A SBFR SUP SOUTH OF SAN GABRIEL PKWY

PLAN & PROFILE

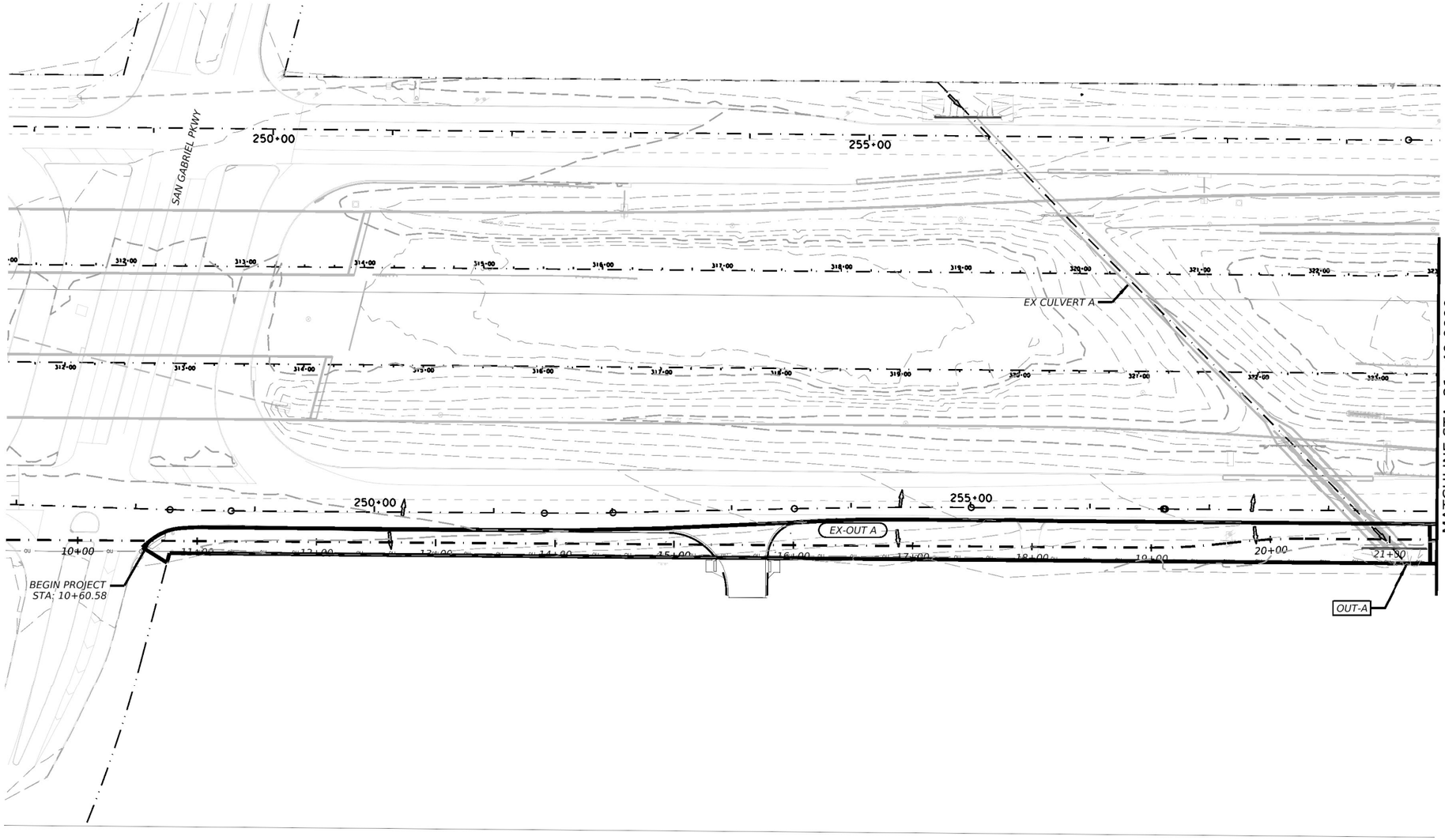
SHEET 2 OF 2

CONT	SECT	JOB	HIGHWAY
			183A
DIST	COUNTY		SHEET NO.
AUS	WILLIAMSON		29

DATE: 12/4/2024 3:26:20 PM
FILE: ...\183AP3_RDW_PP_SUP-2.dgn

100% SUBMITTAL

CK:
DW:
CK:
DW:



H 0' 50' 100'

LEGEND

- FLOW DIRECTION
- SUBWATERSHED BOUNDARY
- XX DRAINAGE AREA ID

JACOB MALDONADO
152059
LICENSED
PROFESSIONAL ENGINEER
STATE OF TEXAS

12/04/2024

K·FRIESE + ASSOCIATES
A LOCHNER COMPANY
1120 S. Capital of Texas Highway
CityView 2, Suite 100
Austin, Texas 78746
P 512.338.1704 F 512.338.1784
TBPE Firm No. 6535
www.kfriese.com

CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY

AtkinsRéalis
TBPE REG. #F-474

183A SBFR SUP SOUTH OF SAN GABRIEL PKWY

EXISTING DRAINAGE AREA MAPS

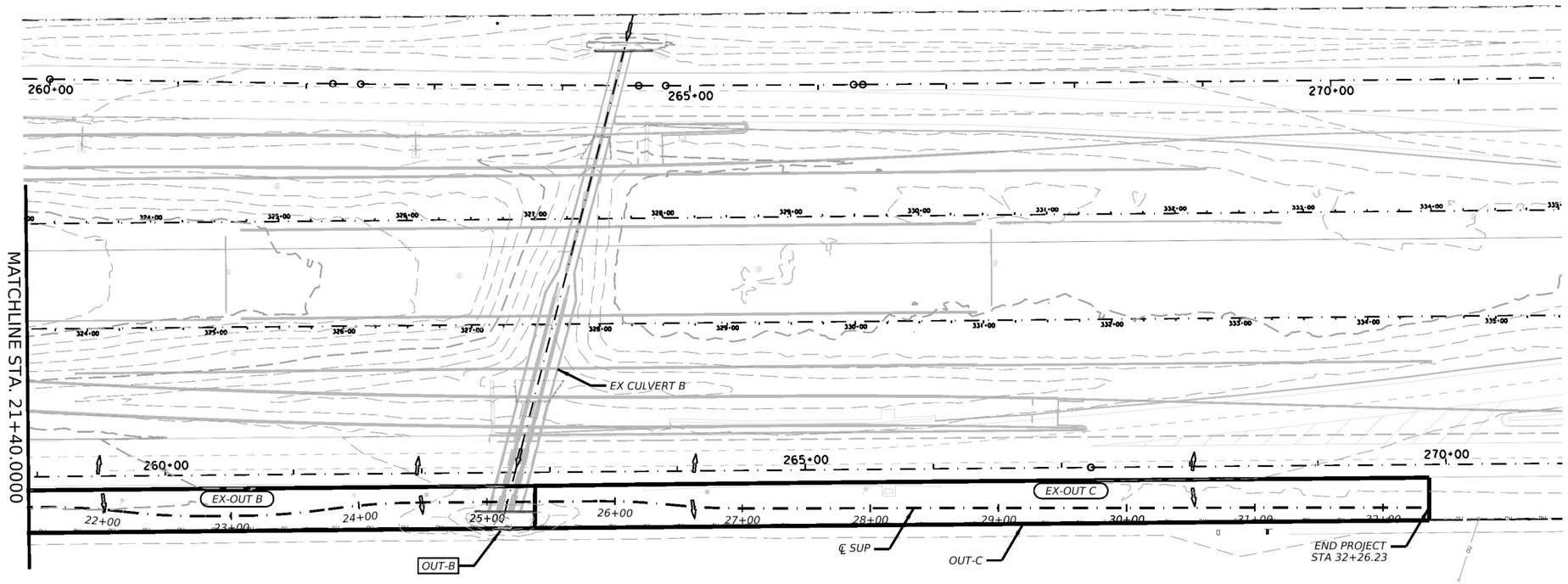
SHEET 1 OF 2

CONT	SECT	JOB	HIGHWAY
			183A
DIST	COUNTY		SHEET NO.
AUS	WILLIAMSON		39

DATE: 12/4/2024 3:27:41 PM
FILE: ...\183AP3 DRN EX DAM01.dgn

100% SUBMITTAL

ck. dw. ck. dw.



H 0' 50' 100'

LEGEND

- FLOW DIRECTION
- SUBWATERSHED BOUNDARY
- XX DRAINAGE AREA ID

STATE OF TEXAS
JACOB MALDONADO
152059
LICENSED
PROFESSIONAL ENGINEER

12/04/2024

K·FRIESE + ASSOCIATES
A LOCHNER COMPANY
1120 S. Capital of Texas Highway
CityView 2, Suite 100
Austin, Texas 78746
P 512.338.1704 F 512.338.1784
TBPE Firm No. 6535
www.kfriese.com

CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY

AtkinsRéalis
TBPE REG. #F-474

183A SBFR SUP SOUTH OF SAN GABRIEL PKWY

EXISTING DRAINAGE AREA MAPS

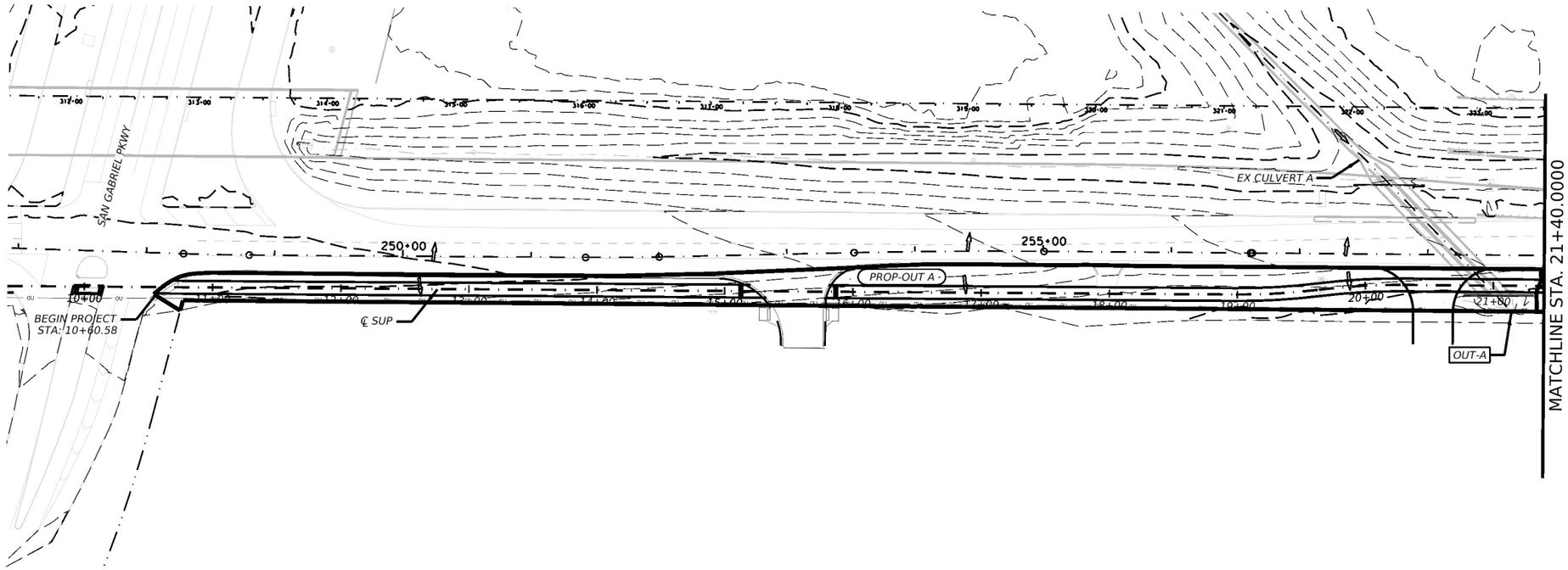
SHEET 2 OF 2

CONT	SECT	JOB	HIGHWAY
			183A
DIST	COUNTY		SHEET NO.
AUS	WILLIAMSON		40

DATE: 12/4/2024 3:28:17 PM
FILE: ...\183AP3_DRN_EX_DAM02.dgn

100% SUBMITTAL

H 0' 50' 100'



LEGEND

- FLOW DIRECTION
- SUBWATERSHED BOUNDARY
- XX DRAINAGE AREA ID

STATE OF TEXAS
JACOB MALDONADO
152059
LICENSED PROFESSIONAL ENGINEER

12/04/2024

K·FRIESE + ASSOCIATES
A LOCHNER COMPANY
1120 S. Capital of Texas Highway
CityView 2, Suite 100
Austin, Texas 78746
P 512.338.1704 F 512.338.1784
TBPE Firm No. 6535
www.kfriese.com

CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY

AtkinsRéalis
TBPE REG. #F-474

183A SBFR SUP SOUTH OF SAN GABRIEL PKWY

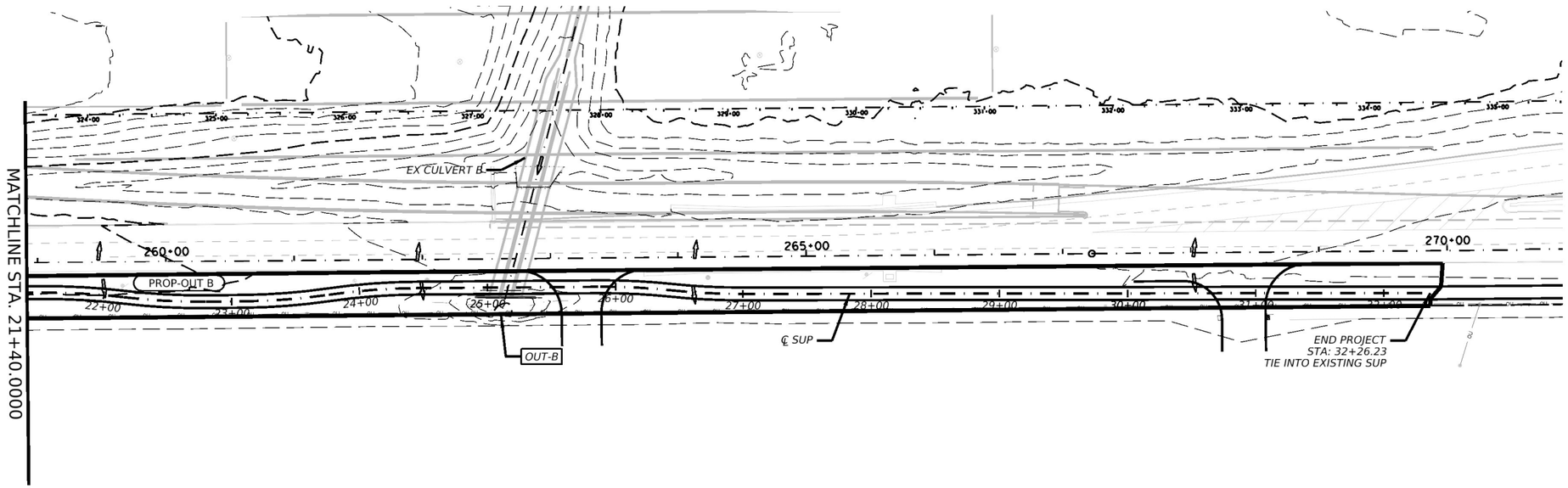
PROPOSED DRAINAGE AREA MAPS

SHEET 1 OF 2

CONT	SECT	JOB	HIGHWAY
			183A
DIST	COUNTY		SHEET NO.
AUS	WILLIAMSON		41

DATE: 12/4/2024 3:28:39 PM
FILE: ...\183AP3_DRN_PROP_DAM01.dgn

100% SUBMITTAL



H 0' 50' 100'

LEGEND

- FLOW DIRECTION
- SUBWATERSHED BOUNDARY
- XX DRAINAGE AREA ID

STATE OF TEXAS
JACOB MALDONADO
152059
LICENSED
PROFESSIONAL ENGINEER

12/04/2024

K·FRIESE + ASSOCIATES
A LOCHNER COMPANY
1120 S. Capital of Texas Highway
CityView 2, Suite 100
Austin, Texas 78746
P 512.338.1704 F 512.338.1784
TBPE Firm No. 6535
www.kfriese.com

CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY

AtkinsRéalis
TBPE REG. #F-474

183A SBFR SUP SOUTH OF SAN GABRIEL PKWY

PROPOSED DRAINAGE AREA MAPS

SHEET 2 OF 2

CONT	SECT	JOB	HIGHWAY
			183A
DIST	COUNTY		SHEET NO.
AUS	WILLIAMSON		42

DATE: 12/4/2024 3:28:58 PM
FILE: ...\183AP3_DRN_PROP_DAM02.dgn

100% SUBMITTAL

DWG. CK. DWG. CK.

RUNOFF CALCULATION

AREA ID	AREA	COMPOSITE RUNOFF COEFF	Tc	AEP = 10%		AEP = 1%	
				I	Q	I	Q
	(AC)		(MIN)	(IN/HR)	(CFS)	(IN/HR)	(CFS)
EX-OUT A	0.69	0.30	10.0	7.18	1.5	11.15	2.3
PROP-OUT A	0.69	0.50	10.0	7.18	2.5	11.15	3.8
EX-OUT B	0.31	0.30	10.0	7.18	0.7	11.15	1.0
PROP-OUT B	0.85	0.50	10.0	7.18	3.1	11.15	4.7
EX-OUT C	0.54	0.30	10.0	7.18	1.2	11.15	1.8

NOTES:

1. *DRAINAGE AREAS AND RUNOFF COMPUTATIONS ARE BASED ON ULTIMATE ROADWAY DESIGN WHERE APPROPRIATE. CURRENT DESIGN INFORMATION IS SHOWN.*
2. *FLOW RATES WERE CALCULATED USING THE RATIONAL METHOD.*
3. *UTILIZED FREQUENCY-DURATION RAINFALL DATA FROM ATLAS-14 AT PROJECT SPECIFIC LOCATION ALONG SOUTH FORK SAN GABRIEL RIVER (30.6337°, 97.8655°) USING THE 2019 TXDOT EBD SPREADSHEET.*

STATE OF TEXAS
JACOB MALDONADO
152059
LICENSED
PROFESSIONAL ENGINEER

12/04/2024

K·FRIESE + ASSOCIATES
A LOCHNER COMPANY
1120 S. Capital of Texas Highway
CityView 2, Suite 100
Austin, Texas 78746
P. 512.338.1704 F. 512.338.1784
TBPE Firm No. 6535
www.kfriese.com

CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY

AtkinsRéalis
TBPE REG. #F-474

183A SBFR SUP SOUTH OF SAN GABRIEL PKWY
DRAINAGE CALCULATION SHEETS

SHEET 1 OF 1

CONT	SECT	JOB	HIGHWAY
			183A
DIST	COUNTY		SHEET NO.
AUS	WILLIAMSON		43

DATE: 12/4/2024 3:29:19 PM
FILE: ...\183AP3_DRN_HYDRCOMPS01.dgn

100% SUBMITTAL

DITCH HYDRAULIC SUMMARY

DITCH ID	UPSTREAM					DOWNSTREAM					LENGTH	SLOPE	Lining	n	BOTTOM WIDTH	MAX DEPTH	SIDE SLOPE		CAPACITY	DITCH HYDRAULICS			
	STATION	OFFSET		ALIGN	FLOWLINE	STATION	OFFSET		ALIGN	FLOWLINE							FRONT	BACK		FREQ	Q	V	d
	(STA)	(FT)			(FT)	(STA)	(FT)			(FT)	(FT)	(%)			(FT)	(FT)	(_:1)	(_:1)	(CFS)		(CFS)	(FPS)	(FT)
Ditch-01	16+00.00	10.50	RT	CL-SUP	976.08	16+75.00	10.50	RT	CL-SUP	975.25	75	1.11%	GRASS	0.03	0.0	0.8	5.0	4.0	5	10-yr	0.29	0.70	0.30
Ditch-02	22+50.00	10.25	RT	CL-SUP	968.75	24+50.00	10.50	RT	CL-SUP	966.17	200	1.29%	GRASS	0.03	0.0	0.7	9.0	4.0	6	10-yr	0.6	0.65	0.36
Ditch-03	32+00.00	10.50	RT	CL-SUP	966.42	25+51.00	10.50	RT	CL-SUP	964.50	649	0.30%	GRASS	0.03	0.0	1.0	5.0	4.0	5.7	10-yr	2	0.88	0.71

JACOB MALDONADO
152059
LICENSED PROFESSIONAL ENGINEER
STATE OF TEXAS

12/04/2024

K·FRIESE + ASSOCIATES
A LOCHNER COMPANY
1120 S. Capital of Texas Highway
CityView 2, Suite 100
Austin, Texas 78746
P 512.338.1704 F 512.338.1784
TBPE Firm No. 6535
www.kfriese.com

CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY

AtkinsRéalis
TBPE REG. #F-474

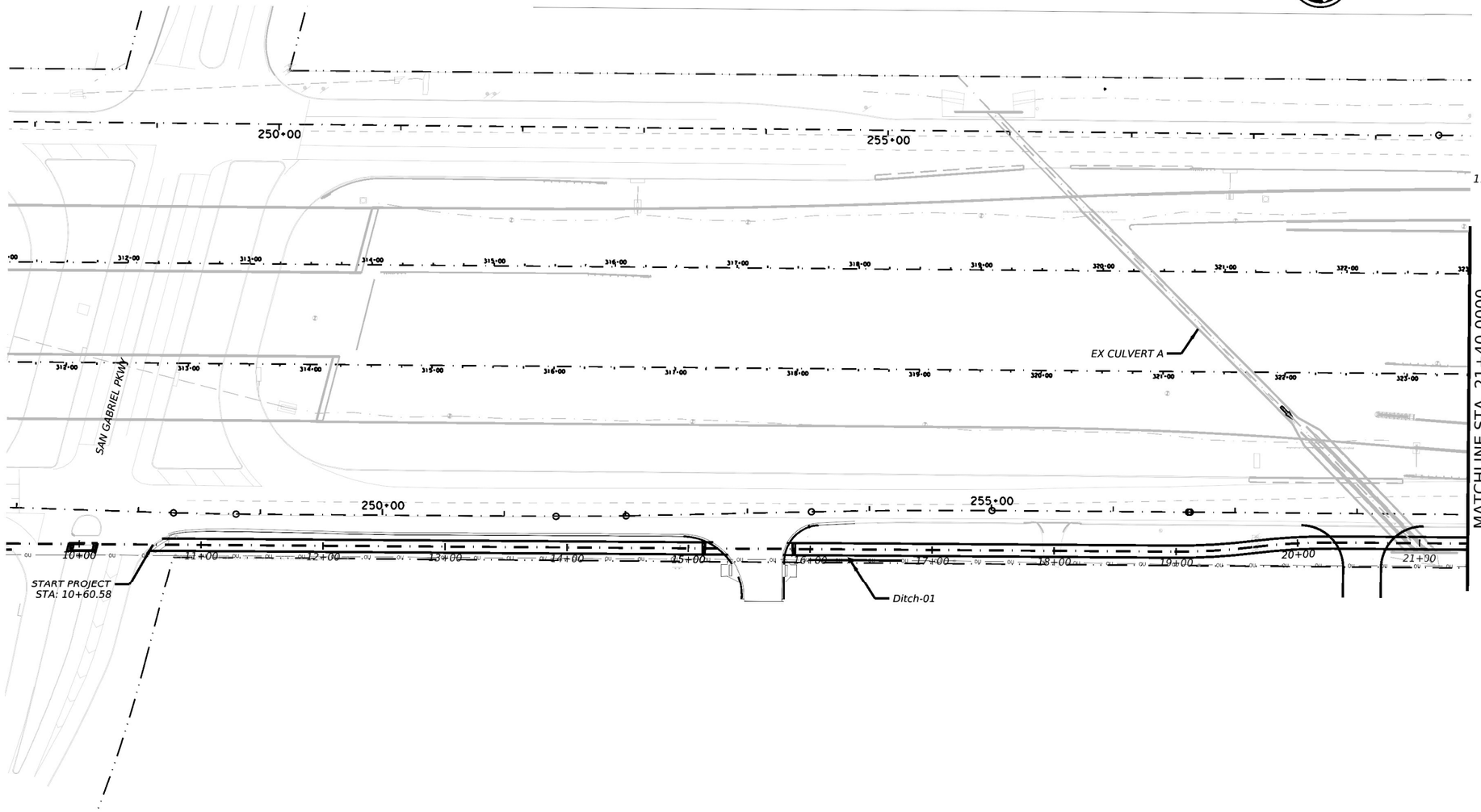
183A SBFR SUP SOUTH OF SAN GABRIEL PKWY
DRAINAGE CALCULATION SHEETS

SHEET 1 OF 1

CONT	SECT	JOB	HIGHWAY
			183A
DIST	COUNTY		SHEET NO.
AUS	WILLIAMSON		44

DATE: 12/4/2024 3:29:40 PM
FILE: ...\183AP3_DRN_DITCHCOMPS01.dgn

H 0' 50' 100'



LEGEND

PROPOSED DRAINAGE DITCH

DIRECTION OF STORM FLOW

NOTES

1. REFER TO DITCH CALCULATION SHEET FOR DITCH CALCS AND GEOMETRY.

STATE OF TEXAS
JACOB MALDONADO
152059
LICENSED PROFESSIONAL ENGINEER

12/04/2024

K·FRIESE + ASSOCIATES
A LOCHNER COMPANY
1120 S. Capital of Texas Highway, CityView 2, Suite 100
Austin, Texas 78746
P 512.338.1704 F 512.338.1784
TBPE Firm No. 8535
www.kfriese.com

AtkinsRéalis
TBPE REG. #F-474

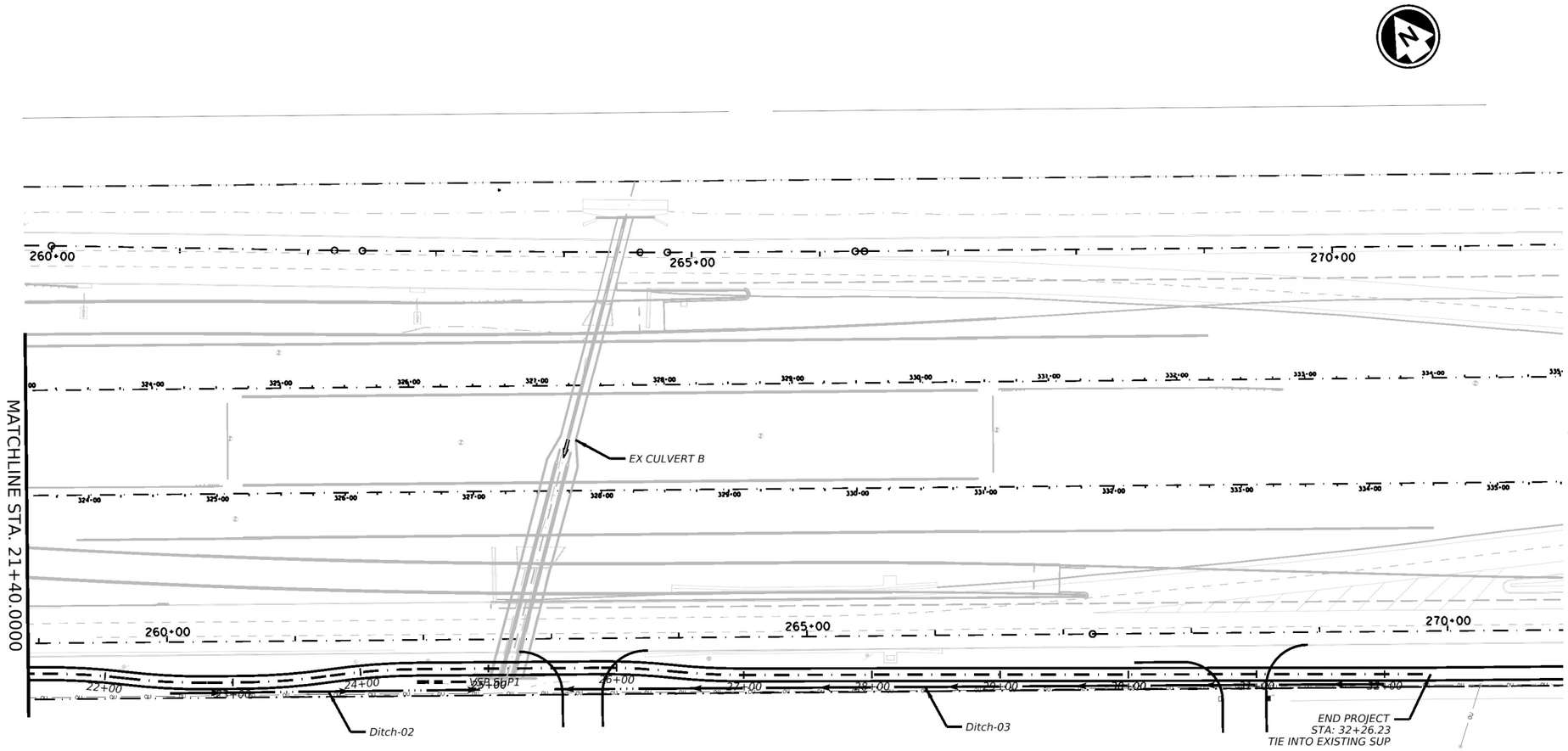
183A SBFR SUP S OF SAN GABRIEL PKWY

DITCH LAYOUT SHEETS

SHEET 1 OF 2

CONT	SECT	JOB	HIGHWAY
			183A
DIST	COUNTY		SHEET NO.
AUS	WILLIAMSON		45

DATE: 12/4/2024 3:30:00 PM
FILE: ...\183AP3_DitchLayout_01.dgn



H 0' 50' 100'

LEGEND

PROPOSED DRAINAGE DITCH

DIRECTION OF STORM FLOW

NOTES

1. REFER TO DITCH CALCULATION SHEET FOR DITCH CALCS AND GEOMETRY.

STATE OF TEXAS
JACOB MALDONADO
152059
LICENSED
PROFESSIONAL ENGINEER

12/04/2024

K·FRIESE + ASSOCIATES
A LOCHNER COMPANY
1120 S. Capital of Texas Highway
CityView 2, Suite 100
Austin, Texas 78746
P 512.338.1704 F 512.338.1784
TBPE Firm No. 6535
www.kfriese.com

AtkinsRéalis
TBPE REG. #F-474

183A SBFR SUP S OF SAN GABRIEL PKWY

DITCH LAYOUT SHEETS

SHEET 2 OF 2

CONT	SECT	JOB	HIGHWAY
			183A
DIST	COUNTY		SHEET NO.
AUS	WILLIAMSON		46

DATE: 12/4/2024 3:30:19 PM
FILE: ...\183AP3 DitchLayout 02.dgn

100% SUBMITTAL

CK.
DW.
CK.
DW.

183A SUP PROJECT

WATER QUALITY SUMMARY									
BASIN ID	OUTFALL	DESCRIPTION	ONSITE BASIN AREA (AC)	IMPERVIOUS COVER		BMP PARAMETERS			
				PRE-PROJECT (AC)	POST-PROJECT (AC)	L_r REQUIRED REMOVAL (LBS)	[1]BMP TYPE	L_r POSSIBLE (LBS)	L_r PROVIDED (LBS)
BASIN VFS.SUP7	BRUSHY CREEK	VFS FOR SHARED USE PATH	1.50	0.05	0.28	348	VFS	274	274
UNTREATED		UNTREATED	0.04	0.00	0.17	0	-	0	0
BRUSHY CREEK WATERSHED			1.54	0.05	0.45	348		274	274
PROJECT TOTAL			1.54	0.05	0.45	348		274	274

STATE OF TEXAS
JACOB MALDONADO
152059
LICENSED
PROFESSIONAL ENGINEER

12/04/2024

K·FRIESE + ASSOCIATES
A LOCHNER COMPANY
1120 S. Capital of Texas Highway,
CityView 2, Suite 100
Austin, Texas 78746
P 512.338.1704 F 512.338.1784
TBPE Firm No. 6535
www.kfriese.com

AtkinsRéalis
TBPE REG. #F-474

183A SBFR SUP SOUTH OF SAN GABRIEL PKWY

WATER QUALITY CALCULATION SUMMARY

SHEET 1 OF 1

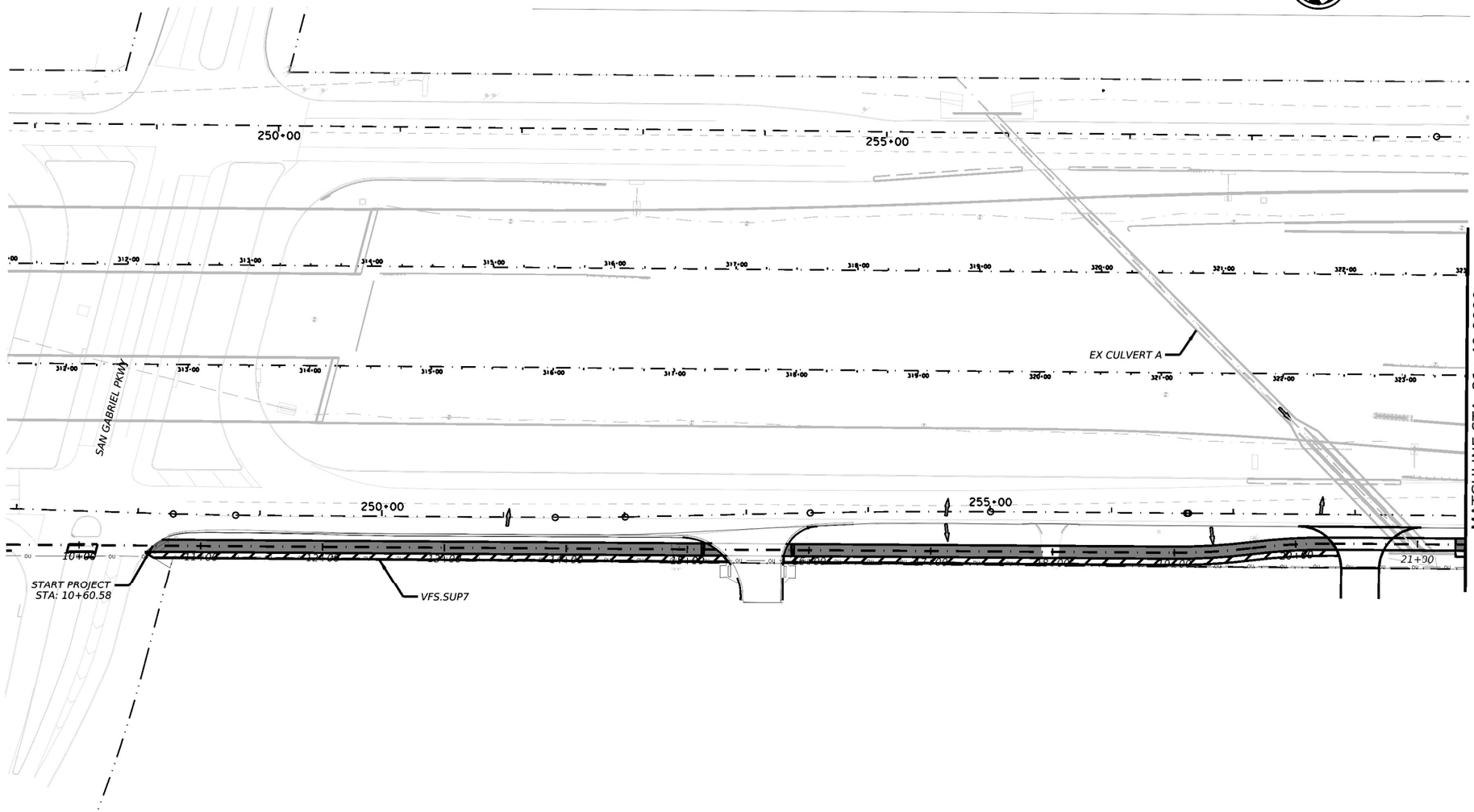
CONT	SECT	JOB	HIGHWAY
			183A
DIST	COUNTY		SHEET NO.
AUS	WILLIAMSON		47

DATE: 12/4/2024 3:30:40 PM
FILE: ...\183AP3_DRN_WQCOMPS01.dgn

100% SUBMITTAL

CK.
DW.
CK.
DW.

H 0' 50' 100'



LEGEND

- VEG. FILTER STRIP
- V.F.S. CONTRIBUTING AREA
- DIRECTION OF STORM FLOW

NOTES

1. WATER QUALITY CALCULATIONS HAVE BEEN PERFORMED BASED ON ULTIMATE PROJECT CONDITIONS, BUT GRAPHICS FOR INTERIM PROJECT CONDITIONS ARE SHOWN FOR CLARITY.

STATE OF TEXAS
JACOB MALDONADO
152059
LICENSED PROFESSIONAL ENGINEER

12/04/2024

K·FRIESE + ASSOCIATES
A LOCHNER COMPANY
1120 S. Capital of Texas Highway,
CityView 2, Suite 100
Austin, Texas 78746
P. 512.338.1704 F. 512.338.1784
TBPE Firm No. 6535
www.kfriese.com

AtkinsRéalis
TBPE REG. #F-474

183A SBFR SUP SOUTH OF SAN GABRIEL PKWY

WATER QUALITY CONTROL PLANS

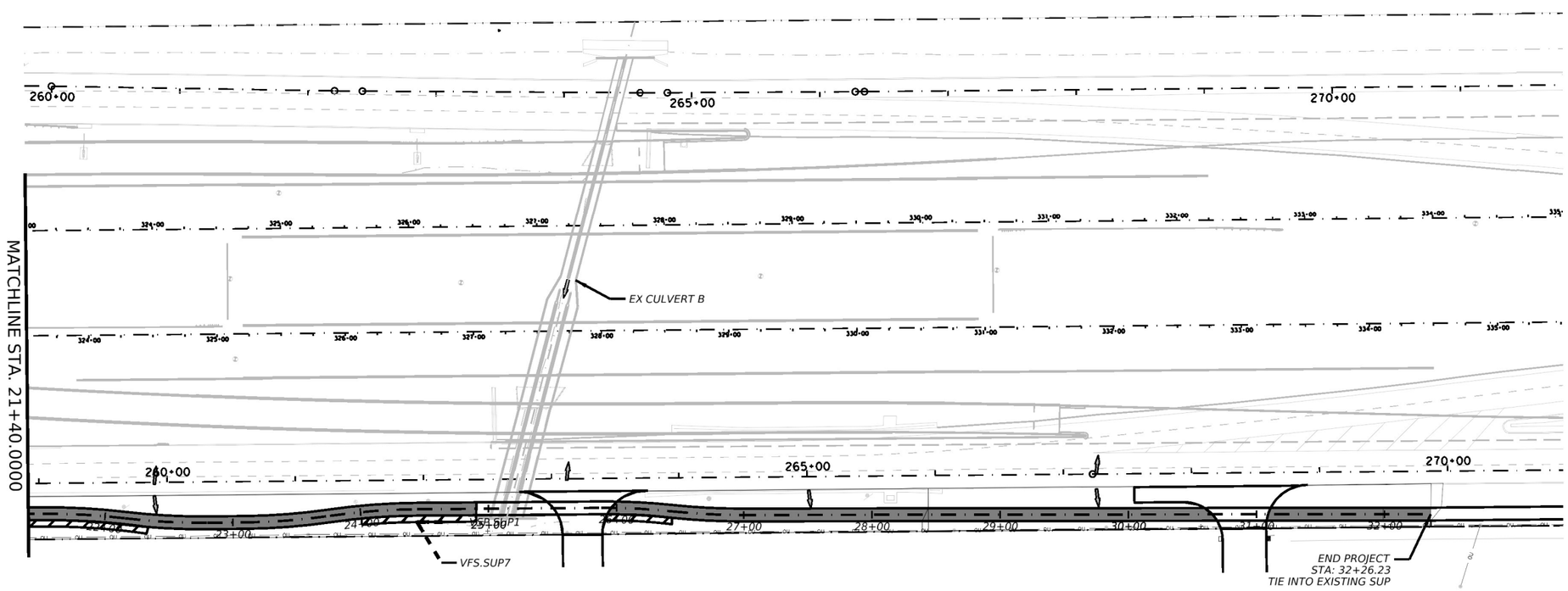
SHEET 1 OF 2

			183A
AUS	WILLIAMSON		48

12/4/2024 3:31:00 PM
...\183AP3_WQ_CZP01.dgn

100% SUBMITTAL

CK: DW: CK: DW:



H 0' 50' 100'

LEGEND

- VEG. FILTER STRIP
- V.F.S. CONTRIBUTING AREA
- DIRECTION OF STORM FLOW

NOTES

1. WATER QUALITY CALCULATIONS HAVE BEEN PERFORMED BASED ON ULTIMATE PROJECT CONDITIONS, BUT GRAPHICS FOR INTERIM PROJECT CONDITIONS ARE SHOWN FOR CLARITY.

STATE OF TEXAS
JACOB MALDONADO
152059
LICENSED
PROFESSIONAL ENGINEER

12/04/2024

K·FRIESE + ASSOCIATES
A LOCHNER COMPANY
1120 S. Capital of Texas Highway
CityView 2, Suite 100
Austin, Texas 78746
P 512.338.1704 F 512.338.1784
TBPE Firm No. 6535
www.kfriese.com

AtkinsRéalis
TBPE REG. #F-474

183A SBFR SUP SOUTH OF SAN GABRIEL PKWY

WATER QUALITY CONTROL PLANS

SHEET 2 OF 2

			183A
AUS	WILLIAMSON		48

12/4/2024 3:31:21 PM
...\183AP3 WQ CZP02.dgn

100% SUBMITTAL

CK.
DW.
CK.
DW.

Texas Commission on Environmental Quality
Contributing Zone Plan
General Construction Notes

Edwards Aquifer Protection Program Construction Notes Legal Disclaimer

The following/listed "construction notes" are intended to be advisory in nature only and do not constitute an approval or conditional approval by the Executive Director (ED), nor do they constitute a comprehensive listing of rules or conditions to be followed during construction. Further actions may be required to achieve compliance with TCEQ regulations found in Title 30, Texas Administrative Code (TAC), Chapters 213 and 217, as well as local ordinances and regulations providing for the protection of water quality. Additionally, nothing contained in the following/listed "construction notes" restricts the powers of the ED, the commission or any other governmental entity to prevent, correct, or curtail activities that result or may result in pollution of the Edwards Aquifer or hydrologically connected surface waters. The holder of any Edwards Aquifer Protection Plan containing "construction notes" is still responsible for compliance with Title 30, TAC, Chapters 213 or any other applicable TCEQ regulation, as well as all conditions of an Edwards Aquifer Protection Plan through all phases of plan implementation. Failure to comply with any condition of the ED's approval, whether or not in contradiction of any "construction notes," is a violation of TCEQ regulations and any violation is subject to administrative rules, orders, and penalties as provided under Title 30, TAC § 213.10 (relating to Enforcement). Such violations may also be subject to civil penalties and injunction. The following/listed "construction notes" in no way represent an approved exception by the ED to any part of Title 30 TAC, Chapters 213 and 217, or any other TCEQ applicable regulation

1. *A written notice of construction must be submitted to the TCEQ regional office at least 48 hours prior to the start of any ground disturbance or construction activities. This notice must include:*
   - *the name of the approved project;*
   - *the activity start date; and*
   - *the contact information of the prime contractor.*
2. *All contractors conducting regulated activities associated with this project should be provided with complete copies of the approved Contributing Zone Plan (CZP) and the TCEQ letter indicating the specific conditions of its approval. During the course of these regulated activities, the contractor(s) should keep copies of the approved plan and approval letter on-site.*
3. *No hazardous substance storage tank shall be installed within 150 feet of a water supply source, distribution system, well, or sensitive feature.*
4. *Prior to beginning any construction activity, all temporary erosion and sedimentation (E&S) control measures must be properly installed and maintained in accordance with the manufacturers specifications. If inspections indicate a control has been used inappropriately, or incorrectly, the applicant must replace or modify the control for site situations. These controls must remain in place until the disturbed areas have been permanently stabilized.*
5. *Any sediment that escapes the construction site must be collected and properly disposed of before the next rain event to ensure it is not washed into surface streams, sensitive features, etc.*
6. *Sediment must be removed from the sediment traps or sedimentation basins when it occupies 50% of the basin's design capacity.*
7. *Litter, construction debris, and construction chemicals exposed to stormwater shall be prevented from being discharged offsite.*
8. *All excavated material that will be stored on-site must have proper E&S controls.*
9. *If portions of the site will have a cease in construction activity lasting longer than 14 days, soil stabilization in those areas shall be initiated as soon as possible prior to the 14th day of inactivity. If activity will resume prior to the 21st day, stabilization measures are not required. If drought conditions or inclement weather prevent action by the 14th day, stabilization measures shall be initiated as soon as possible.*
10. *The following records should be maintained and made available to the TCEQ upon request:*
    - *the dates when major grading activities occur;*
    - *the dates when construction activities temporarily or permanently cease on a portion of the site; and*
    - *the dates when stabilization measures are initiated.*
11. *The holder of any approved CZP must notify the appropriate regional office in writing and obtain approval from the executive director prior to initiating any of the following:*

    A. *any physical or operational modification of any best management practices (BMPs) or structure(s), including but not limited to temporary or permanent ponds, dams, berms, silt fences, and diversionary structures;*

    B. *any change in the nature or character of the regulated activity from that which was originally approved;*

    C. *any change that would significantly impact the ability to prevent pollution of the Edwards Aquifer; or*

    D. *any development of land previously identified as undeveloped in the approved contributing zone plan.*

Austin Regional Office	*San Antonio Regional Office*
12100 Park 35 Circle, Building A	*14250 Judson Road*
Austin, Texas 78753-1808	*San Antonio, Texas 78233-4480*
Phone (512) 339-2929	*Phone (210) 490-3096*
Fax (512) 339-3795	*Fax (210) 545-4329*

THESE GENERAL CONSTRUCTION NOTES MUST BE INCLUDED ON THE CONSTRUCTION PLANS PROVIDED TO THE CONTRACTOR AND ALL SUBCONTRACTORS.

STATE OF TEXAS
JACOB MALDONADO
152059
LICENSED PROFESSIONAL ENGINEER

12/04/2024

K·FRIESE + ASSOCIATES
A LOCHNER COMPANY
1120 S. Capital of Texas Highway
CityView 2, Suite 100
Austin, Texas 78746
P 512.338.1704 F 512.338.1784
TBPE Firm No. 6535
www.kfriese.com

AtkinsRéalis
TBPE REG. #F-474

183A SBFR SUP SOUTH OF SAN GABRIEL PKWY

WATER QUALITY MISCELLANEOUS DETAILS

SHEET 1 OF 1

CONT	SECT	JOB	HIGHWAY
			183A
DIST	COUNTY		SHEET NO.
AUS	WILLIAMSON		50

DATE: 12/4/2024 3:31:41 PM
FILE: ...\183AP3_DRN_WQ_MISC_DETAILS.dgn

STORMWATER POLLUTION PREVENTION PLAN (SWP3):

This SWP3 has been developed in accordance with the TPDES Construction General Permit TXR150000 (CGP). The Texas Department of Transportation (TxDOT) ensures that project specifications include adequate best management practices (BMPs) for this project.

For all projects with soil disturbing activity and for projects that have Environmental, Permits, Issues, and Commitments (EPICs) dependent on stormwater controls and water quality measures TxDOT will maintain a SWP3 with all pertinent records, correspondence, environmental documents, etc. at the project field office, Area Office, or electronically.

This SWP3 is consistent with requirements specified in applicable stormwater plans and the projects environmental permits, issues, and commitments (EPICs). A copy of the CGP is included in Attachment 2.12 of the SWP3 binder.

1.0 SITE/PROJECT DESCRIPTION

1.1 PROJECT CONTROL SECTION JOB (CSJ):
CTRMA Contract No. 25183A24601M

1.2 PROJECT LIMITS:
From: SAN GABRIEL PARKWAY

To: 0.41 MI SOUTH

1.3 PROJECT COORDINATES:
BEGIN: (Lat) 30°35'44.34"N ,(Long) 97°51'10.42"W

END: (Lat) 30°35'32.06"N ,(Long) 97°50'50.03"W

1.4 TOTAL PROJECT AREA (Acres): 1.69

1.5 TOTAL AREA TO BE DISTURBED (Acres): 1.69

1.6 NATURE OF CONSTRUCTION ACTIVITY:
For the construction of a shared use path consisting of concrete pavement, grading, signing and pavement markings.

1.7 MAJOR SOIL TYPES:

Soil Type	Description

1.8 PROJECT SPECIFIC LOCATIONS (PSLs):
PSLs must be depicted on the Environmental Layout Sheets in Attachment 1.2 of this SWP3. PSLs may be identified during preconstruction meetings or during the construction process. Please choose from the options below:

☐ PSLs determined during preconstruction meeting
☐ PSLs determined during construction
☒ No PSLs planned for construction

Type	Sheet #s

All off-ROW PSLs required by the Contractor are the Contractor's responsibility. The Contractor shall secure all permits required by local, state, federal laws for off-ROW PSLs. The contractor shall provide diagrams, areas of disturbance, acreage, and BMPs for all off-ROW PSLs within one mile of the project.

1.9 CONSTRUCTION ACTIVITIES:
(Use the following list as a starting point when developing the Construction Activity Schedule and Ceasing Record in Attachment 2.5.)

☒ Mobilization
☒ Install sediment and erosion controls
☒ Blade existing topsoil into windrows, prep ROW, clear and grub
☒ Remove existing pavement
☒ Grading operations, excavation, and embankment
☐ Excavate and prepare subgrade for proposed pavement widening
☐ Remove existing culverts, safety end treatments (SETs)
☐ Remove existing metal beam guard fence (MBGF), bridge rail
☒ Install proposed pavement per plans
☐ Install culverts, culvert extensions, SETs
☐ Install mow strip, MBGF, bridge rail
☒ Place flex base
☒ Rework slopes, grade ditches
☒ Blade windrowed material back across slopes
☒ Revegetation of unpaved areas
☒ Achieve site stabilization and remove sediment and erosion control measures
☐ Other: _____
☐ Other: _____
☐ Other: _____

1.10 POTENTIAL POLLUTANTS AND SOURCES:

☒ Sediment laden stormwater from stormwater conveyance over disturbed area
☒ Fuels, oils, and lubricants from construction vehicles, equipment, and storage
☒ Solvents, paints, adhesives, etc. from various construction activities
☒ Transported soils from offsite vehicle tracking
☒ Construction debris and waste from various construction activities
☒ Contaminated water from excavation or dewatering pump-out water
☐ Sanitary waste from onsite restroom facilities
☒ Trash from various construction activities/receptacles
☐ Long-term stockpiles of material and waste
☒
☐ Other: _____
☐ Other: _____
☐ Other: _____

1.11 RECEIVING WATERS:
Receiving waters must be depicted on the Environmental Layout Sheets in Attachment 1.2 of this SWP3. Include Segment # for receiving waters.

Tributaries	Classified Waterbody
Brushy Creek	Fresh Water Stream

* Add (*) for impaired waterbodies with pollutant in ().

1.12 ROLES AND RESPONSIBILITIES: TxDOT

☒ Development of plans and specifications
☒ Submit Notice of Intent (NOI) to TCEQ (≥5 acres)
☒ Post Construction Site Notice
☒ Submit NOI/CSN to local MS4
☒ Perform SWP3 inspections
☒ Maintain SWP3 records and update to reflect daily operations
☒ Complete and submit Notice of Termination to TCEQ
☒ Maintain SWP3 records for 3 years
☐ Other: _____
☐ Other: _____
☐ Other: _____

1.13 ROLES AND RESPONSIBILITIES: CONTRACTOR

☒ Day To Day Operational Control
☒ Submit Notice of Intent (NOI) to TCEQ (≥5 acres)
☒ Post Construction Site Notice
☒ Submit NOI/CSN to local MS4
☒ Maintain schedule of major construction activities
☒ Install, maintain and modify BMPs
☒ Complete and submit Notice of Termination to TCEQ
☒ Maintain SWP3 records for 3 years
☐ Other: _____
☐ Other: _____
☐ Other: _____

1.14 LOCAL MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) OPERATOR COORDINATION:

MS4 Entity

STORMWATER POLLUTION PREVENTION PLAN (SWP3)

July 2023 Sheet 1 of 2
Texas Department of Transportation

FED. RD. DIV. NO.	PROJECT NO.		SHEET NO.
			57
STATE	STATE DIST.	COUNTY	
TEXAS	AUS	WILLIAMSON	
CONT.	SECT.	JOB	HIGHWAY NO.
			183A

STORMWATER POLLUTION PREVENTION PLAN (SWP3):

2.0 BEST MANAGEMENT PRACTICES (BMPs) AND CONTROLS, INSPECTION, AND MAINTENANCE

The Contractor shall be the responsible party for implementing the BMPs described herein and for complying with the SWP3 for control of erosion and sedimentation during day-to-day operations. The Contractor shall implement changes to this SWP3 approved by TxDOT within the times specified in this SWP3 or the CGP.

2.1 EROSION CONTROL AND SOIL STABILIZATION BMPs:

T / P

- ☐ ☐ Protection of Existing Vegetation
- ☐ ☐ Vegetated Buffer Zones
- ☐ ☐ Soil Retention Blankets
- ☐ ☐ Geotextiles
- ☐ ☐ Mulching/ Hydromulching
- ☐ ☐ Soil Surface Treatments
- ☐ ☐ Temporary Seeding
- ☐ X Permanent Planting, Sodding or Seeding
- ☐ ☐ Biodegradable Erosion Control Logs
- ☐ ☐ Rock Filter Dams/ Rock Check Dams
- X ☐ Vertical Tracking
- ☐ ☐ Interceptor Swale
- ☐ ☐ Riprap
- ☐ ☐ Diversion Dike
- ☐ ☐ Temporary Pipe Slope Drain
- ☐ ☐ Embankment for Erosion Control
- ☐ ☐ Paved Flumes
- ☐ ☐ Other: _____
- ☐ ☐ Other: _____
- ☐ ☐ Other: _____
- ☐ ☐ Other: _____

2.2 SEDIMENT CONTROL BMPs:

T / P

- ☐ ☐ Biodegradable Erosion Control Logs
- ☐ ☐ Dewatering Controls
- ☐ ☐ Inlet Protection
- X ☐ Rock Filter Dams/ Rock Check Dams
- ☐ ☐ Sandbag Berms
- X ☐ Sediment Control Fence
- X ☐ Stabilized Construction Exit
- ☐ ☐ Floating Turbidity Barrier
- ☐ ☐ Vegetated Buffer Zones
- ☐ X Vegetated Filter Strips
- ☐ ☐ Other: _____
- ☐ ☐ Other: _____
- ☐ ☐ Other: _____
- ☐ ☐ Other: _____

Refer to the Environmental Layout Sheets/ SWP3 Layout Sheets located in Attachment 1.2 of this SWP3

Sediment control BMPs requiring design capacity calculations (See SWP3 Attachment 1.3.):

T / P

- ☐ ☐ Sediment Trap
  - ☐ Calculated volume runoff from 2-year, 24-hour storm for each acre of disturbed area
  - ☐ 3,600 cubic feet of storage per acre drained
- ☐ ☐ Sedimentation Basin
  - ☐ Not required (<10 acres disturbed)
  - ☐ Required (>10 acres) and implemented.
    - ☐ Calculated volume runoff from 2-year, 24-hour storm for each acre of disturbed area
    - ☐ 3,600 cubic feet of storage per acre drained
  - ☐ Required (>10 acres), but not feasible due to:
    - ☐ Available area/Site geometry
    - ☐ Site slope/Drainage patterns
    - ☐ Site soils/Geotechnical factors
    - ☐ Public safety
    - ☐ Other: _____

2.3 PERMANENT CONTROLS:

Brushy Creek

(Coordinate post-construction BMPs with appropriate TxDOT maintenance sections.)

BMPs To Be Left In Place Post Construction:

Type	Stationing	
	From	To
Vegitative Filter Strips	10+60.00	32+04.88

Refer to the Environmental Layout Sheets/ SWP3 Layout Sheets located in Attachment 1.2 of this SWP3

2.4 OFFSITE VEHICLE TRACKING CONTROLS:

- X Excess dirt/mud on road removed daily
- ☐ Haul roads dampened for dust control
- ☐ Loaded haul trucks to be covered with tarpaulin
- X Stabilized construction exit
- ☐ Daily street sweeping
- ☐ Other: _____
- ☐ Other: _____
- ☐ Other: _____
- ☐ Other: _____

2.5 POLLUTION PREVENTION MEASURES:

- X Chemical Management
- X Concrete and Materials Waste Management
- ☐ Debris and Trash Management
- ☐ Dust Control
- X Sanitary Facilities
- ☐ Other: _____
- ☐ Other: _____
- ☐ Other: _____
- ☐ Other: _____
- ☐ Other: _____

2.6 VEGETATED BUFFER ZONES:

Natural vegetated buffers shall be maintained as feasible to protect adjacent surface waters. If vegetated natural buffer zones are not feasible due to site geometry, the appropriate additional sediment control measures have been incorporated into this SWP3.

Type	Stationing	
	From	To

Refer to the Environmental Layout Sheets/ SWP3 Layout Sheets located in Attachment 1.2 of this SWP3

2.7 ALLOWABLE NON-STORMWATER DISCHARGES:

- ☐ Fire hydrant flushings
- ☐ Irrigation drainage
- ☐ Pavement washwater (where spills or leaks have not occurred, and detergents are not used)
- ☐ Potable water sources
- ☐ Springs
- ☐ Uncontaminated groundwater
- ☐ Water used to wash vehicles or control dust
- ☐ Other allowable non-stormwater discharges as allowed by TPDES GP TXR150000.

2.8 DEWATERING:

Dewatering discharges of accumulated stormwater, groundwater, and surface water including discharges from dewatering of trenches, excavations, foundations, vaults, and other points of accumulation are prohibited unless managed by appropriate controls to prevent and minimize the offsite discharge of sediment and other pollutants.

2.9 INSPECTIONS:

All disturbed areas and erosion and sediment control devices shall be inspected at least once every seven (7) days. Inspections shall be performed by TxDOT as indicated on the Field Inspection and Maintenance Report Form 2118 and retained in Attachment 2.5 of this SWP3.

When dewatering activities are present, a daily inspection will be conducted once per day during those activities and documented in accordance with CGP and TxDOT requirements.

2.10 MAINTENANCE:

Control measures shall be properly installed according to specifications. If it is determined that a BMP or control measure is not operating effectively, maintenance must be accomplished as soon as possible and before the next anticipated rain event, but in no case later than 7 calendar days after being able to access the site. Maintenance shall be performed by the Contractor as indicated on the Field Inspection and Maintenance Report Form 2118 and retained in Attachment 2.5 of this SWP3.

STORMWATER POLLUTION PREVENTION PLAN (SWP3)

July 2023 Sheet 2 of 2

Texas Department of Transportation

FED. RD. DIV. NO.	PROJECT NO.		SHEET NO.
			58
STATE	STATE DIST.	COUNTY	
TEXAS	AUS	WILLIAMSON	
CONT.	SECT.	JOB	HIGHWAY NO.
			183A

DATE:
FILE:

I. STORMWATER POLLUTION PREVENTION-CLEAN WATER ACT SECTION 402

TPDES TXR 150000: Stormwater Discharge Permit or Construction General Permit required for projects with 1 or more acres disturbed soil. Projects with any disturbed soil must protect for erosion and sedimentation in accordance with Item 506.

List MS4 Operator(s) that may receive discharges from this project. They may need to be notified prior to construction activities.

1.

2.

☐ No Action Required ☒ Required Action

Action No.

1. Prevent stormwater pollution by controlling erosion and sedimentation in accordance with TPDES Permit TXR 150000
2. Comply with the SW3P and revise when necessary to control pollution or required by the Engineer.
3. Post Construction Site Notice (CSN) with SW3P information on or near the site, accessible to the public and TCEQ, EPA or other inspectors.
4. When Contractor project specific locations (PSL's) increase disturbed soil area to 5 acres or more, submit NOI to TCEQ and the Engineer.

II. WORK IN OR NEAR STREAMS, WATERBODIES AND WETLANDS CLEAN WATER ACT SECTIONS 401 AND 404

USACE Permit required for filling, dredging, excavating or other work in any water bodies, rivers, creeks, streams, wetlands or wet areas.

The Contractor must adhere to all of the terms and conditions associated with the following permit(s):

☒ No Permit Required
☐ Nationwide Permit 14 - PCN not Required (less than 1/10th acre waters or wetlands affected)
☐ Nationwide Permit 14 - PCN Required (1/10 to <1/2 acre, 1/3 in tidal waters)
☐ Individual 404 Permit Required
☐ Other Nationwide Permit Required: NWP# _____

Required Actions: List waters of the US permit applies to, location in project and check Best Management Practices planned to control erosion, sedimentation and post-project TSS.

1.

2.

3.

4.

The elevation of the ordinary high water marks of any areas requiring work to be performed in the waters of the US requiring the use of a nationwide permit can be found on the Bridge Layouts.

Best Management Practices:

Erosion	Sedimentation	Post-Construction TSS
☐ Temporary Vegetation	☒ Silt Fence	☒ Vegetative Filter Strips
☐ Blankets/Matting	☒ Rock Berm	☐ Retention/Irrigation Systems
☐ Mulch	☐ Triangular Filter Dike	☐ Extended Detention Basin
☐ Sodding	☐ Sand Bag Berm	☐ Constructed Wetlands
☐ Interceptor Swale	☐ Straw Bale Dike	☐ Wet Basin
☐ Diversion Dike	☐ Brush Berms	☐ Erosion Control Compost
☐ Erosion Control Compost	☐ Erosion Control Compost	☐ Mulch Filter Berm and Socks
☐ Mulch Filter Berm and Socks	☐ Mulch Filter Berm and Socks	☐ Compost Filter Berm and Socks
☐ Compost Filter Berm and Socks	☐ Compost Filter Berm and Socks	☐ Vegetation Lined Ditches
	☐ Stone Outlet Sediment Traps	☐ Sand Filter Systems
	☐ Sediment Basins	☐ Grassy Swales

III. CULTURAL RESOURCES

Refer to TxDOT Standard Specifications in the event historical issues or archeological artifacts are found during construction. Upon discovery of archeological artifacts (bones, burnt rock, flint, pottery, etc.) cease work in the immediate area and contact the Engineer immediately.

☒ No Action Required ☐ Required Action

Action No.

1.

2.

3.

4.

IV. VEGETATION RESOURCES

Preserve native vegetation to the extent practical.
Contractor must adhere to Construction Specification Requirements Specs 162, 164, 192, 193, 506, 730, 751, 752 in order to comply with requirements for invasive species, beneficial landscaping, and tree/brush removal commitments.

☐ No Action Required ☒ Required Action

Action No.

1. See General Notes for item 164 Seeding Specifications.

2.

3.

4.

V. FEDERAL LISTED, PROPOSED THREATENED, ENDANGERED SPECIES, CRITICAL HABITAT, STATE LISTED SPECIES, CANDIDATE SPECIES AND MIGRATORY BIRDS.

☒ No Action Required ☒ Required Action

Action No.

1.

2.

3.

4.

If any of the listed species are observed, cease work in the immediate area, do not disturb species or habitat and contact the Engineer immediately. The work may not remove active nests from bridges and other structures during nesting season of the birds associated with the nests. If caves or sinkholes are discovered, cease work in the immediate area, and contact the Engineer immediately.

LIST OF ABBREVIATIONS

BMP:	Best Management Practice	SPCC:	Spill Prevention Control and Countermeasure
CGP:	Construction General Permit	SW3P:	Storm Water Pollution Prevention Plan
DSHS:	Texas Department of State Health Services	PCN:	Pre-Construction Notification
FHWA:	Federal Highway Administration	PSL:	Project Specific Location
MOA:	Memorandum of Agreement	TCEQ:	Texas Commission on Environmental Quality
MOU:	Memorandum of Understanding	TPDES:	Texas Pollutant Discharge Elimination System
MS4:	Municipal Separate Stormwater Sewer System	TPWD:	Texas Parks and Wildlife Department
MBTA:	Migratory Bird Treaty Act	TxDOT:	Texas Department of Transportation
NOT:	Notice of Termination	T&E:	Threatened and Endangered Species
NWP:	Nationwide Permit	USACE:	U.S. Army Corps of Engineers
NOI:	Notice of Intent	USFWS:	U.S. Fish and Wildlife Service

VI. HAZARDOUS MATERIALS OR CONTAMINATION ISSUES

General (applies to all projects):

Comply with the Hazard Communication Act (the Act) for personnel who will be working with hazardous materials by conducting safety meetings prior to beginning construction and making workers aware of potential hazards in the workplace. Ensure that all workers are provided with personal protective equipment appropriate for any hazardous materials used.

Obtain and keep on-site Material Safety Data Sheets (MSDS) for all hazardous products used on the project, which may include, but are not limited to the following categories: Paints, acids, solvents, asphalt products, chemical additives, fuels and concrete curing compounds or additives. Provide protected storage, off bare ground and covered, for products which may be hazardous. Maintain product labelling as required by the Act.

Maintain an adequate supply of on-site spill response materials, as indicated in the MSDS. In the event of a spill, take actions to mitigate the spill as indicated in the MSDS, in accordance with safe work practices, and contact the District Spill Coordinator immediately. The Contractor shall be responsible for the proper containment and cleanup of all product spills.

Contact the Engineer if any of the following are detected:
* Dead or distressed vegetation (not identified as normal)
* Trash piles, drums, canister, barrels, etc.
* Undesirable smells or odors
* Evidence of leaching or seepage of substances

Does the project involve any bridge class structure rehabilitation or replacements (bridge class structures not including box culverts)?

☐ Yes ☒ No

If "No", then no further action is required.
If "Yes", then TxDOT is responsible for completing asbestos assessment/inspection.

Are the results of the asbestos inspection positive (is asbestos present)?

☐ Yes ☒ No

If "Yes", then TxDOT must retain a DSHS licensed asbestos consultant to assist with the notification, develop abatement/mitigation procedures, and perform management activities as necessary. The notification form to DSHS must be postmarked at least 15 working days prior to scheduled demolition.

If "No", then TxDOT is still required to notify DSHS 15 working days prior to any scheduled demolition.

In either case, the Contractor is responsible for providing the date(s) for abatement activities and/or demolition with careful coordination between the Engineer and asbestos consultant in order to minimize construction delays and subsequent claims.

Any other evidence indicating possible hazardous materials or contamination discovered on site. Hazardous Materials or Contamination Issues Specific to this Project:

☒ No Action Required ☐ Required Action

Action No.

1.

VII. OTHER ENVIRONMENTAL ISSUES

(includes regional issues such as Edwards Aquifer District, etc.)

☒ No Action Required ☐ Required Action

Action No.

1.

2.

3.

Texas Department of Transportation

Design Division Standard

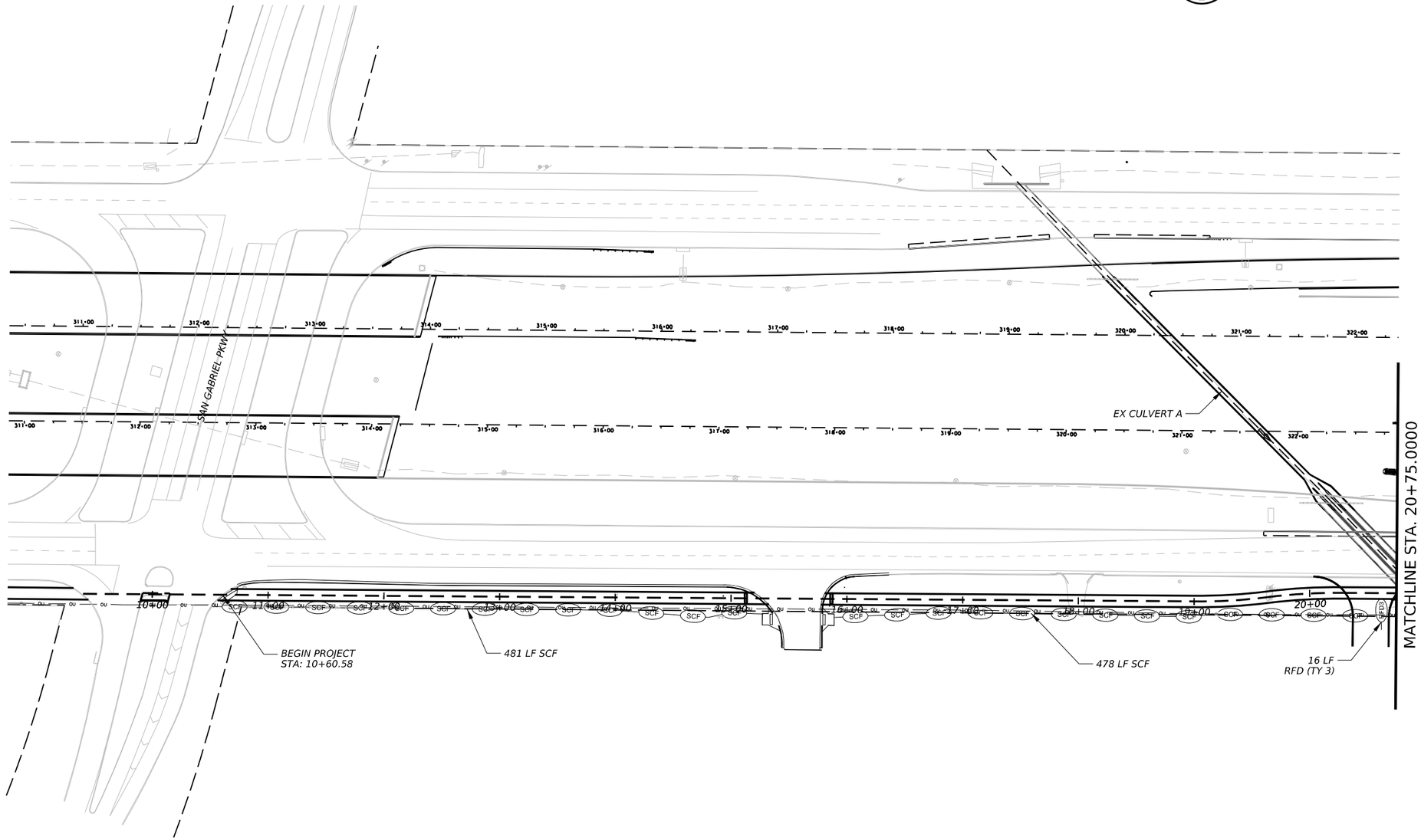
ENVIRONMENTAL PERMITS, ISSUES AND COMMITMENTS

EPIC

FILE: epic.dgn	DN: TxDOT	CK: RG	DW: VP	CK: AR
©TxDOT: February 2015	CONT	SECT	JOB	HIGHWAY
REVISIONS				183A
12-12-2011 (DS)	DIST	COUNTY		SHEET NO.
05-07-14 ADDED NOTE SECTION IV.	AUS	WILLIAMSON		59
01-23-2015 SECTION I (CHANGED ITEM 1122 TO ITEM 506, ADDED GRASSY SWALES.				

100% SUBMITTAL

CK:
DW:
CK:
DW:



H 0' 50' 100'

LEGEND

SCF — SILT FENCE

RFD3 — RFD (TY 3)

PROPOSED DRAINAGE DITCH

NOTES

1. THE LOCATION OF CONSTRUCTION SUPPORT ACTIVITIES INCLUDING MATERIALS, WASTE, BORROW, FILL, AND EQUIPMENT STORAGE WILL BE ESTABLISHED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. THESE SITES WILL BE INCLUDED IN THE INSPECTION REPORT.
2. THE CONTRACTOR SHALL LOCATE HIS/HER OWN CONCRETE TRUCK WASHOUT AREA, AS WELL AS THE VEHICLE WASH AREA WITH THE APPROVAL OF THE ENGINEER. THESE AREAS WILL BE PROTECTED WITH THE APPROVED BMP AS APPROVED BY THE ENGINEER. THESE SITES WILL BE INCLUDED IN THE INSPECTION REPORT.
3. TYPICAL EROSION AND SEDIMENTATION CONTROLS USED DURING CONSTRUCTION ARE SHOWN. OTHER EROSION/SEDIMENTATION CONTROL MEASURES INCLUDE:
   -DAILY STREET SWEEPING
   -INSPECTION AND MAINTENANCE PER THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN.
4. THE ENGINEER SHALL DETERMINE A LOCATION FOR A CONSTRUCTION EXIT.

STATE OF TEXAS
JACOB MALDONADO
152059
LICENSED
PROFESSIONAL ENGINEER

12/04/2024

K·FRIESE + ASSOCIATES
A LOCHNER COMPANY
1120 S. Capital of Texas Highway
CityView 2, Suite 100
Austin, Texas 78746
P 512.338.1704 F 512.338.1784
TBPE Firm No. 6535
www.kfriese.com

CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY

AtkinsRéalis
TBPE REG. #F-474

183A SBFR SUP SOUTH OF SAN GABRIEL PKWY

TEMPORARY EROSION CONTROL PLAN
STA 10+00.00 - STA 20+75.00

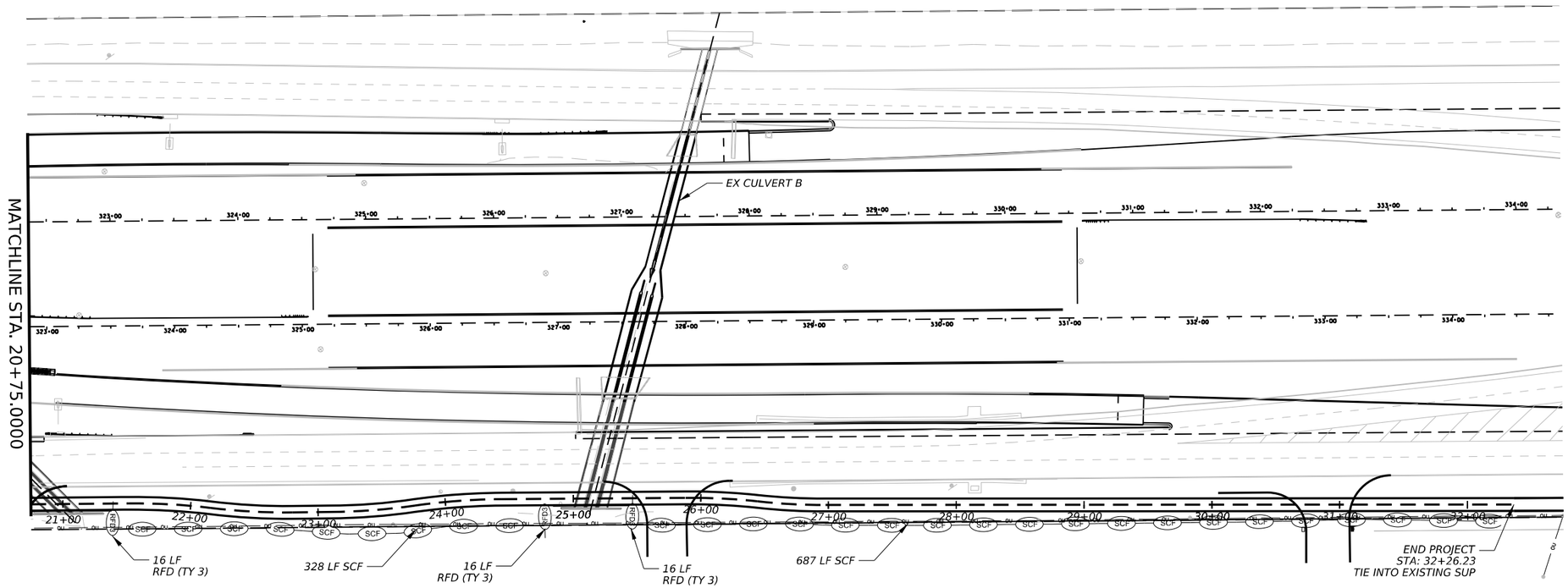
SHEET 1 OF 2

CONT	SECT	JOB	HIGHWAY
			183A
DIST	COUNTY		SHEET NO.
AUS	WILLIAMSON		60

DATE: 12/4/2024 3:34:44 PM
FILE: ...\CL-SUP-6 - Temporary Erosion Control.dgn

100% SUBMITTAL

CK:
DW:
CK:
DN:



H 0' 50' 100'

LEGEND

- SCF — SILT FENCE
- RFD3 — RFD (TY 3)
- PROPOSED DRAINAGE DITCH

NOTES

1. THE LOCATION OF CONSTRUCTION SUPPORT ACTIVITIES INCLUDING MATERIALS, WASTE, BORROW, FILL, AND EQUIPMENT STORAGE WILL BE ESTABLISHED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. THESE SITES WILL BE INCLUDED IN THE INSPECTION REPORT.
2. THE CONTRACTOR SHALL LOCATE HIS/HER OWN CONCRETE TRUCK WASHOUT AREA, AS WELL AS THE VEHICLE WASH AREA WITH THE APPROVAL OF THE ENGINEER. THESE AREAS WILL BE PROTECTED WITH THE APPROVED BMP AS APPROVED BY THE ENGINEER. THESE SITES WILL BE INCLUDED IN THE INSPECTION REPORT.
3. TYPICAL EROSION AND SEDIMENTATION CONTROLS USED DURING CONSTRUCTION ARE SHOWN. OTHER EROSION/SEDIMENTATION CONTROL MEASURES INCLUDE:
   -DAILY STREET SWEEPING
   -INSPECTION AND MAINTENANCE PER THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN.
4. THE ENGINEER SHALL DETERMINE A LOCATION FOR A CONSTRUCTION EXIT.

STATE OF TEXAS
JACOB MALDONADO
152059
LICENSED
PROFESSIONAL ENGINEER

12/04/2024

K·FRIESE + ASSOCIATES
A LOCHNER COMPANY
1120 S. Capital of Texas Highway
CityView 2, Suite 100
Austin, Texas 78746
P 512.338.1704 F 512.338.1784
TBPE Firm No. 6535
www.kriese.com

CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY

AtkinsRéalis
TBPE REG. #F-474

183A SBFR SUP SOUTH OF SAN GABRIEL PKWY

TEMPORARY EROSION CONTROL PLAN
STA 20+75.00 - STA 32+36.15

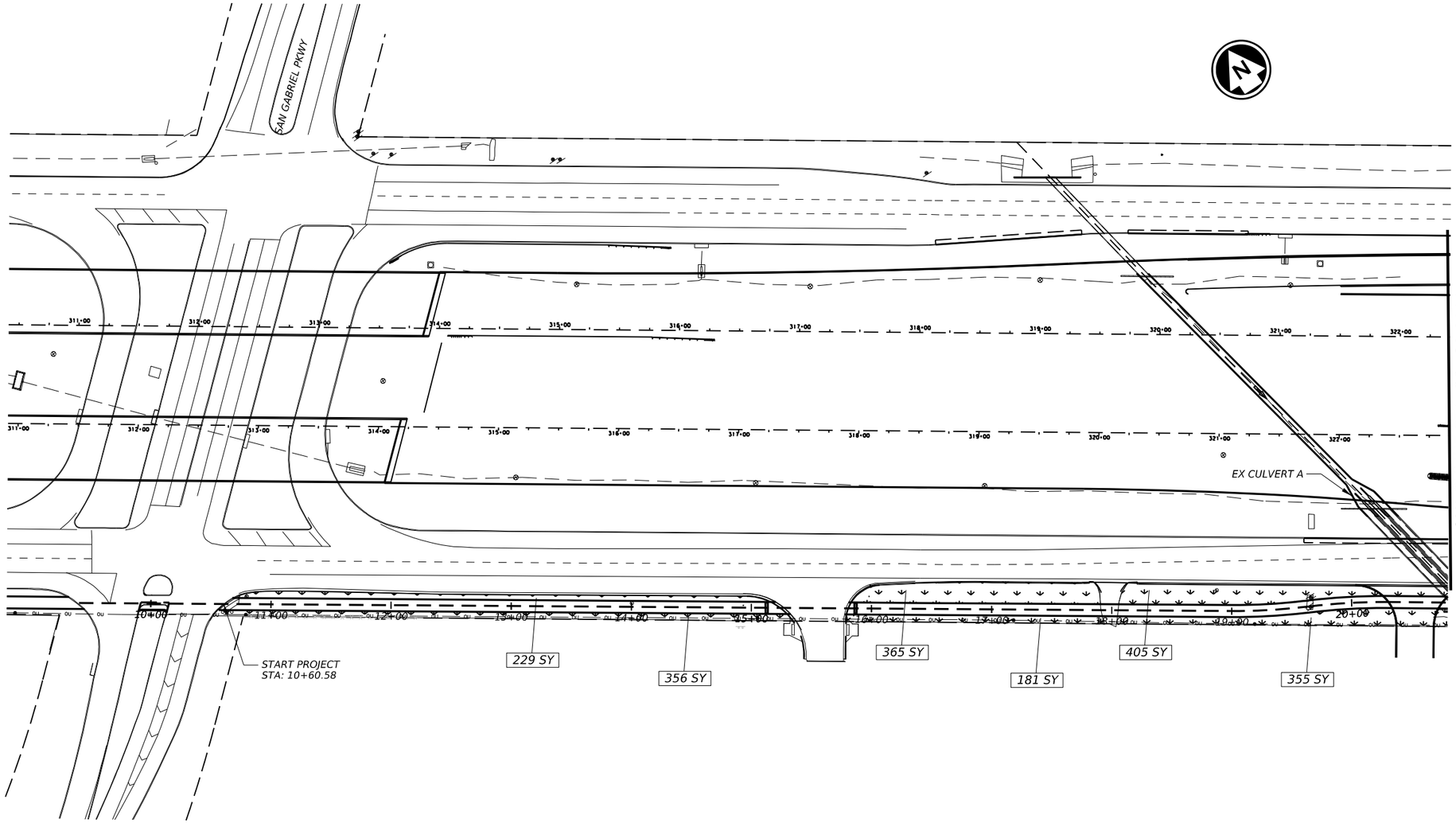
SHEET 2 OF 2

			183A
AUS	WILLIAMSON		61

12/4/2024 3:35:02 PM
...\CL-SUP-6 - Temporary Erosion Control-1.dgn

100% SUBMITTAL

CK:
DW:
CK:
DW:



H 0' 50' 100'

LEGEND

TOP SOIL AND SEEDING-

NOTES:

1. THE QUANTITIES SHOWN ARE APPROXIMATE AND MAY BE ADJUSTED TO MEET FIELD CONDITIONS.

2. TEMPORARY EROSION CONTROL DEVICES SHALL REMAIN IN PLACE THROUGHOUT ALL PHASES OF CONSTRUCTION UNTIL PERMANENT VEGETATION IS ESTABLISHED OR AS DIRECTED BY THE ENGINEER.

STATE OF TEXAS
BETESEB SHIBIKOM
137319
LICENSED
PROFESSIONAL ENGINEER
Beteseb Shibikom
12/04/2024

CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY

AtkinsRéalis
TBPE REG. #F-474

183A SBFR SUP SOUTH OF SAN GABRIEL PKWY

PERMANENT EROSION CONTROL PLAN

STA 10+00.00 - STA 20+80.00

SHEET 1 OF 2

CONT	SECT	JOB	HIGHWAY
			183A
DIST	COUNTY		SHEET NO.
AUS	WILLIAMSON		62

DATE: 12/4/2024 3:35:23 PM
FILE: ...\CL-SUP-6 - Permanent Erosion Control.dgn

100% SUBMITTAL

CK:
DW:
CK:
DN:

H 0' 50' 100'

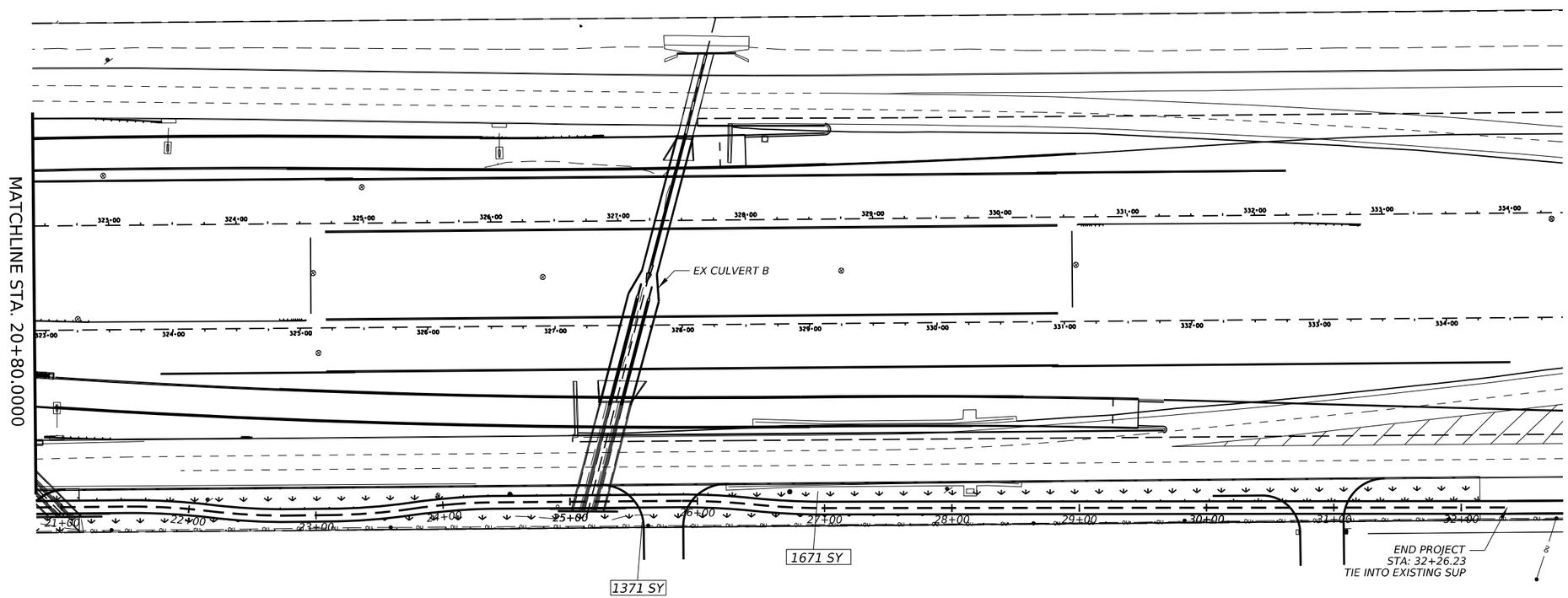
LEGEND

TOP SOIL AND SEEDING-

NOTES:

1. THE QUANTITIES SHOWN ARE APPROXIMATE AND MAY BE ADJUSTED TO MEET FIELD CONDITIONS.

2. TEMPORARY EROSION CONTROL DEVICES SHALL REMAIN IN PLACE THROUGHOUT ALL PHASES OF CONSTRUCTION UNTIL PERMANENT VEGETATION IS ESTABLISHED OR AS DIRECTED BY THE ENGINEER.



STATE OF TEXAS
BETESEB SHIBIKOM
137319
LICENSED
PROFESSIONAL ENGINEER
Beteseb Shibikom
12/04/2024

CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY

AtkinsRéalis
TBPE REG. #F-474

183A SBFR SUP SOUTH OF SAN GABRIEL PKWY

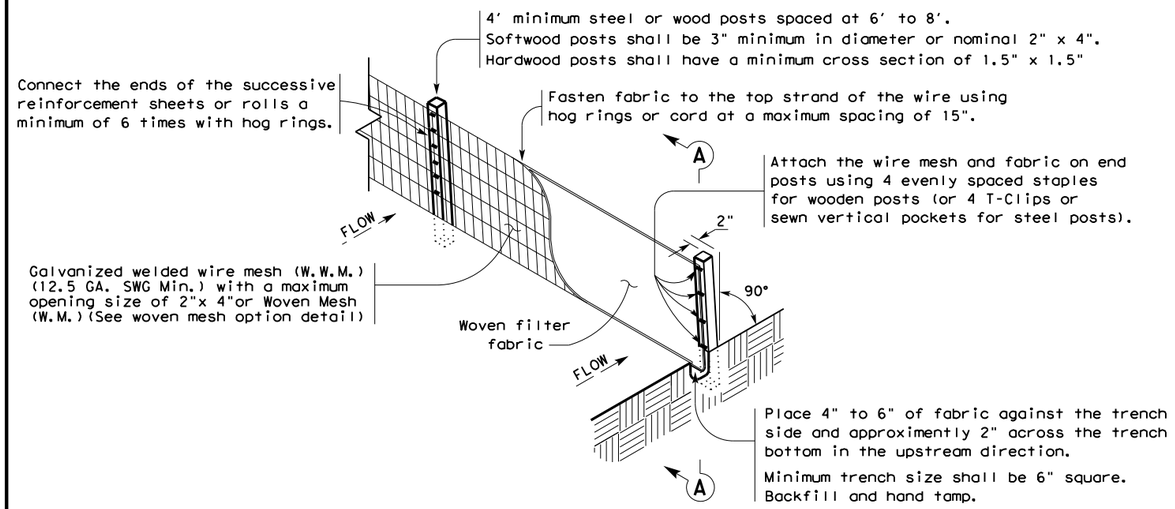
PERMANENT EROSION CONTROL PLAN

STA 20+80.00 - STA 32+15.00

SHEET 2 OF 2

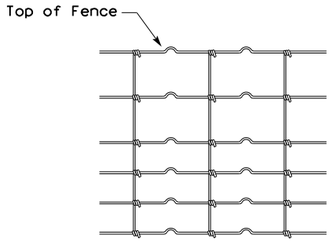
CONT	SECT	JOB	HIGHWAY
			183A
DIST	COUNTY		SHEET NO.
AUS	WILLIAMSON		63

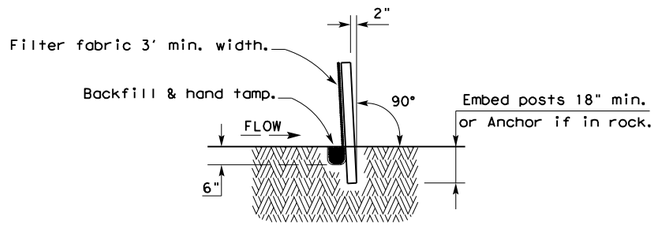
DATE: 12/4/2024 3:35:41 PM
FILE: ...\1-CL-SUP-6 - Permanent Erosion Control.dgn



TEMPORARY SEDIMENT CONTROL FENCE

SCF





SECTION A-A

HINGE JOINT KNOT WOVEN MESH (OPTION) DETAIL

Galvanized hinge joint knot woven mesh (12.5 GA.SWG Min.) requires a minimum of five horizontal wires spaced at a maximum of 12 inches apart and all vertical wires spaced at a maximum of 12 inches apart.

SEDIMENT CONTROL FENCE USAGE GUIDELINES

A sediment control fence may be constructed near the downstream perimeter of a disturbed area along a contour to intercept sediment from overland runoff. A 2 year storm frequency may be used to calculate the flow rate to be filtered.

Sediment control fence should be sized to filter a maximum flow through rate of 100 GPM/FT^2. Sediment control fence is not recommended to control erosion from a drainage area larger than 2 acres.

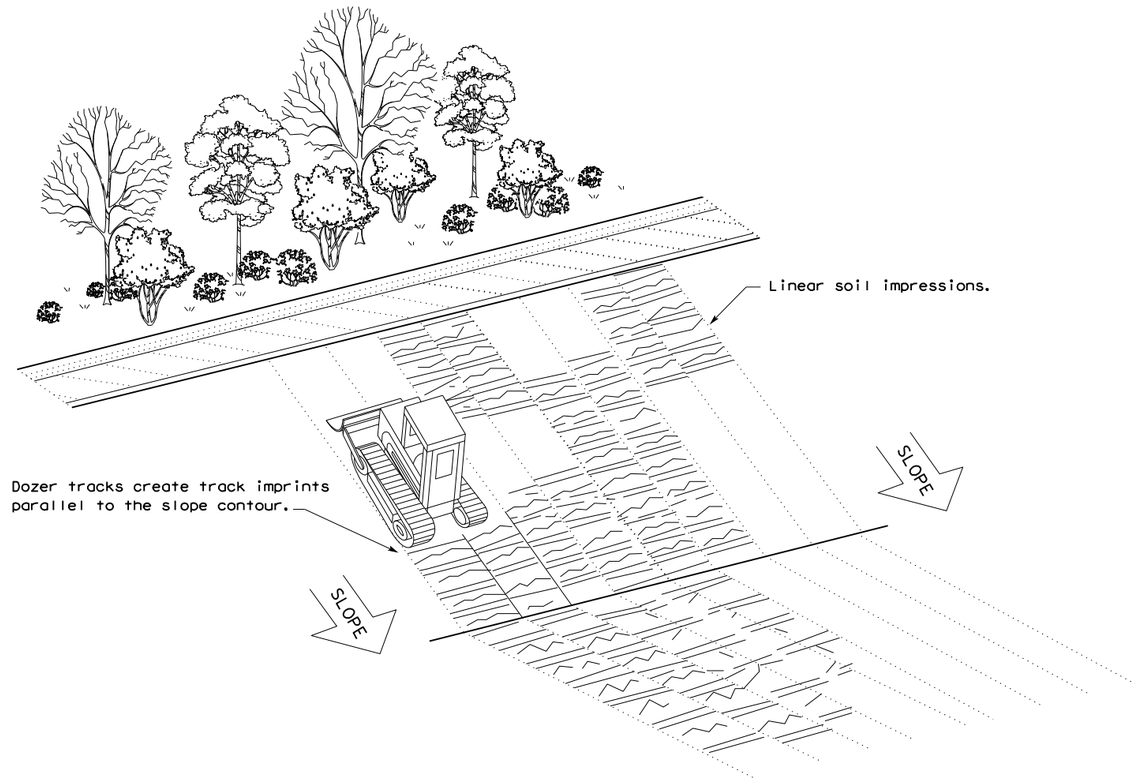
LEGEND

Sediment Control Fence

SCF

GENERAL NOTES

1. Vertical tracking is required on projects where soil distributing activities have occurred unless otherwise approved.
2. Perform vertical tracking on slopes to temporarily stabilize soil.
3. Provide equipment with a track undercarriage capable of producing linear soil impressions measuring a minimum of 12" in length by 2" to 4" in width by 1/2" to 2" in depth.
4. Do not exceed 12" between track impressions.
5. Install continous linear track impressions where the minimum 12" length impressions are perpendicular to the slope or direction of water flow.



VERTICAL TRACKING

Texas Department of Transportation

Design Division Standard

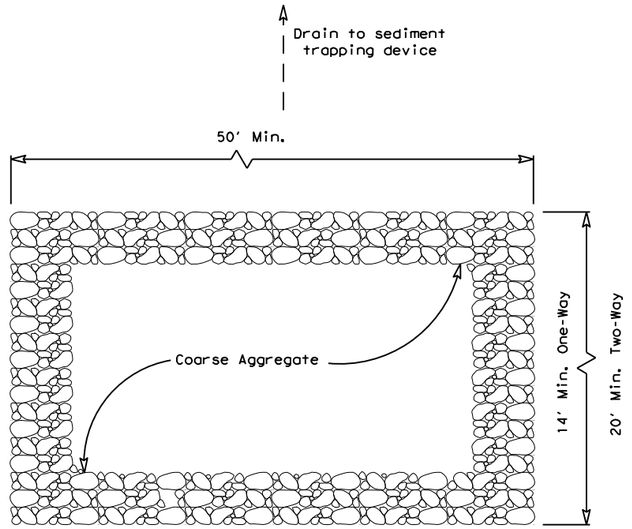
TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES

FENCE & VERTICAL TRACKING

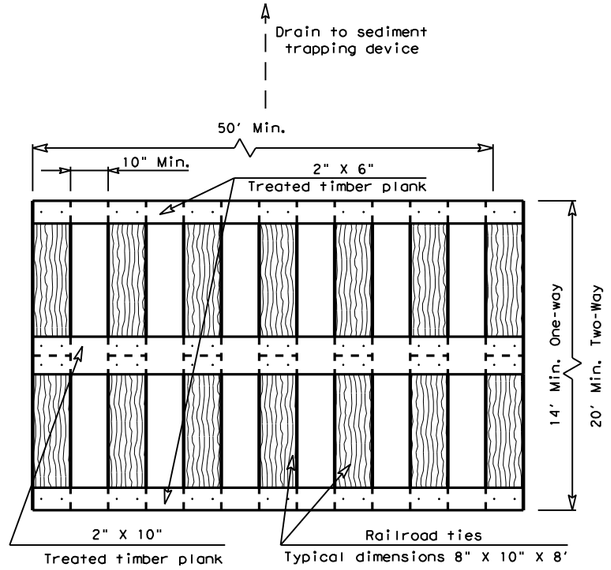
EC(1)-16

FILE: ec116	DN: TxDOT		CK: KM		DW: VP		DN/CK: LS
© TxDOT: JULY 2016	CONT	SECT	JOB		HIGHWAY		
REVISIONS					183A		
	DIST	COUNTY					SHEET NO.
	AUS	WILLIAMSON					64

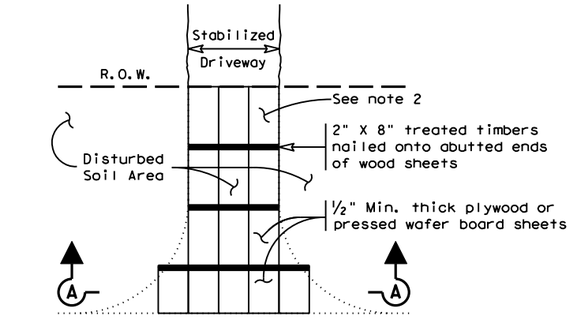
DATE
FILE



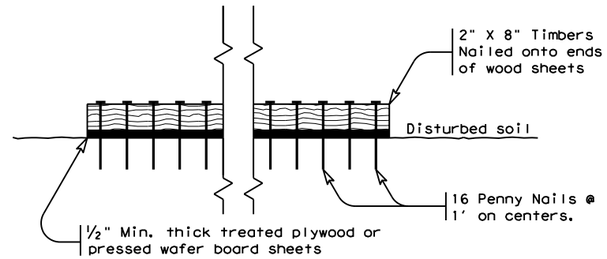
PLAN VIEW



PLAN VIEW



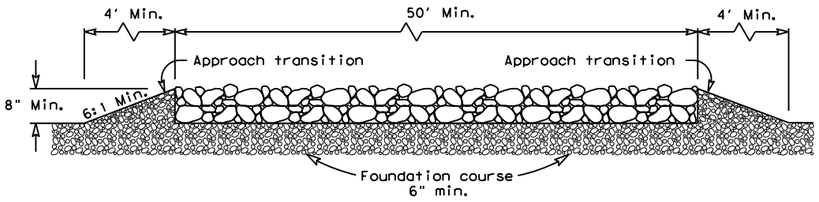
PLAN VIEW



SECTION A-A

CONSTRUCTION EXIT (TYPE 3)

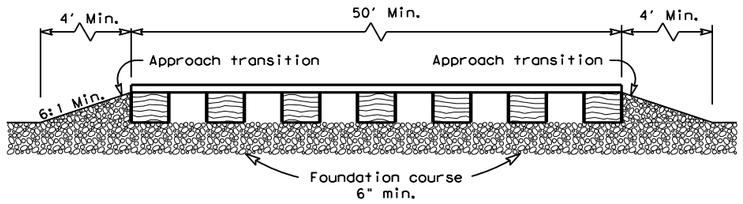
SHORT TERM



ELEVATION VIEW

CONSTRUCTION EXIT (TYPE 1)

ROCK CONSTRUCTION (LONG TERM)



ELEVATION VIEW

CONSTRUCTION EXIT (TYPE 2)

TIMBER CONSTRUCTION (LONG TERM)

GENERAL NOTES (TYPE 1)

1. The length of the type 1 construction exit shall be as indicated on the plans, but not less than 50'.
2. The coarse aggregate should be open graded with a size of 4" to 8".
3. The approach transitions should be no steeper than 6:1 and constructed as directed by the Engineer.
4. The construction exit foundation course shall be flexible base, bituminous concrete, portland cement concrete or other materialas approved by the Engineer.
5. The construction exit shall be graded to allow drainage to a sediment trapping device.
6. The guidelines shown hereon are suggestions only and may be modified by the Engineer.
7. Construct exits with a width of at least 14 ft. for one-way and 20 ft. for two-way traffic for the full width of the exit, or as directed by the engineer.

GENERAL NOTES (TYPE 2)

1. The length of the type 2 construction exit shall be as indicated on the plans, but not less than 50'.
2. The treated timber planks shall be attached to the railroad ties with ½"x 6" min. lag bolts. Other fasteners may be used as approved by the Engineer.
3. The treated timber planks shall be #2 grade min., and should be free from large and loose knots.
4. The approach transitions shall be no steeper than 6:1 and constructed as directed by the Engineer.
5. The construction exit foundation course shall be flexible base, bituminous concrete, portland cement concrete or other material as approved by the Engineer.
6. The construction exit should be graded to allow drainage to a sediment trapping device.
7. The guidelines shown hereon are suggestions only and may be modified by the Engineer.
8. Construct exits with a width of at least 14 ft. for one-way and 20 ft. for two-way traffic for the full width of the exit, or as directed by the engineer.

GENERAL NOTES (TYPE 3)

1. The length of the type 3 construction exit shall be as shown on the plans, or as directed by the Engineer.
2. The type 3 construction exit may be constructed from open graded crushed stone with a size of two to four inches spread a min. of 4" thick to the limits shown on the plans.
3. The treated timber planks shall be #2 grade min., and should be free from large and loose knots.
4. The guidelines shown hereon are suggestions only and may be modified by the Engineer.

Texas Department of Transportation | Design Division Standard

TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES

CONSTRUCTION EXITS

EC(3)-16

FILE: ec316	DN: TxDOT	CK: KM	DW: VP	DN/CK: LS
©TxDOT: JULY 2016	CONT	SECT	JOB	HIGHWAY
REVISIONS				183A
	DIST	COUNTY		SHEET NO.
	AUS	WILLIAMSON		65

DATE: 12/4/2024
FILE: ...\ec316.dgn

Agent Authorization Form
For Required Signature
Edwards Aquifer Protection Program
Relating to 30 TAC Chapter 213
Effective June 1, 1999

I Mike Sexton,
Print Name

Director of Engineering,
Title - Owner/President/Other

of Central Texas Regional Mobility Authority,
Corporation/Partnership/Entity Name

have authorized Charlotte A. Gilpin, PE
Print Name of Agent/Engineer

of K Friese + Associates
Print Name of Firm

to represent and act on the behalf of the above named Corporation, Partnership, or Entity for the purpose of preparing and submitting this plan application to the Texas Commission on Environmental Quality (TCEQ) for the review and approval consideration of regulated activities.

I also understand that:

1. The applicant is responsible for compliance with 30 Texas Administrative Code Chapter 213 and any condition of the TCEQ's approval letter. The TCEQ is authorized to assess administrative penalties of up to $10,000 per day per violation.

2. For those submitting an application who are not the property owner, but who have the right to control and possess the property, additional authorization is required from the owner.

3. Application fees are due and payable at the time the application is submitted. The application fee must be sent to the TCEQ cashier or to the appropriate regional office. The application will not be considered until the correct fee is received by the commission.

4. A notarized copy of the Agent Authorization Form must be provided for the person preparing the application, and this form must accompany the completed application.

5. No person shall commence any regulated activity on the Edwards Aquifer Recharge Zone, Contributing Zone or Transition Zone until the appropriate application for the activity has been filed with and approved by the Executive Director.

SIGNATURE PAGE:

Applicant's Signature

12/20/2024
Date

THE STATE OF TEXAS §

County of Travis §

BEFORE ME, the undersigned authority, on this day personally appeared Michael Sexton known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that (s)he executed same for the purpose and consideration therein expressed.

GIVEN under my hand and seal of office on this 20th day of December, 2024.

NOTARY PUBLIC

JOSEFINA IBARRA
Notary Public, State of Texas
Comm. Expires 11-04-2025
Notary ID 129614504

Josefina Ibarra
Typed or Printed Name of Notary

MY COMMISSION EXPIRES: 11-04-2025

Application Fee Form

Texas Commission on Environmental Quality
Name of Proposed Regulated Entity: 183A Shared Use Path at Northline Development
Regulated Entity Location: San Gabriel Parkway to Hero Way
Name of Customer: Central Texas Regional Mobility Authority
Contact Person: Mike Sexton Phone: (512) 996-9778
Customer Reference Number (if issued):CN 602672263
Regulated Entity Reference Number (if issued):RN _____

Austin Regional Office (3373)

☐ Hays ☐ Travis ☒ Williamson

San Antonio Regional Office (3362)

☐ Bexar ☐ Medina ☐ Uvalde
☐ Comal ☐ Kinney

Application fees must be paid by check, certified check, or money order, payable to the **Texas Commission on Environmental Quality**. Your canceled check will serve as your receipt. **This form must be submitted with your fee payment**. This payment is being submitted to:

☒ Austin Regional Office
☐ Mailed to: TCEQ - Cashier
Revenues Section
Mail Code 214
P.O. Box 13088
Austin, TX 78711-3088

☐ San Antonio Regional Office
☐ Overnight Delivery to: TCEQ - Cashier
12100 Park 35 Circle
Building A, 3rd Floor
Austin, TX 78753
(512)239-0357

Site Location (Check All That Apply):

☐ Recharge Zone ☒ Contributing Zone ☐ Transition Zone

Type of Plan	***Size***	***Fee Due***
Water Pollution Abatement Plan, Contributing Zone Plan: One Single Family Residential Dwelling	Acres	$
Water Pollution Abatement Plan, Contributing Zone Plan: Multiple Single Family Residential and Parks	Acres	$
Water Pollution Abatement Plan, Contributing Zone Plan: Non-residential	Acres	$
Sewage Collection System	L.F.	$
Lift Stations without sewer lines	Acres	$
Underground or Aboveground Storage Tank Facility	Tanks	$
Piping System(s)(only)	Each	$
Exception	1 Each	$ 500
Extension of Time	Each	$

Signature: _____

Date: 10/12/2024

Application Fee Schedule

Texas Commission on Environmental Quality
Edwards Aquifer Protection Program 30 TAC Chapter 213 (effective 05/01/2008)

Water Pollution Abatement Plans and Modifications

Contributing Zone Plans and Modifications

Project	*Project Area in Acres*	*Fee*
One Single Family Residential Dwelling	< 5	$650
Multiple Single Family Residential and Parks	< 5 5 < 10 10 < 40 40 < 100 100 < 500 ≥ 500	$1,500 $3,000 $4,000 $6,500 $8,000 $10,000
Non-residential (Commercial, industrial, institutional, multi-family residential, schools, and other sites where regulated activities will occur)	< 1 1 < 5 5 < 10 10 < 40 40 < 100 ≥ 100	$3,000 $4,000 $5,000 $6,500 $8,000 $10,000

Organized Sewage Collection Systems and Modifications

Project	*Cost per Linear Foot*	*Minimum Fee-Maximum Fee*
Sewage Collection Systems	$0.50	$650 - $6,500

Underground and Aboveground Storage Tank System Facility Plans and Modifications

Project	*Cost per Tank or Piping System*	*Minimum Fee-Maximum Fee*
Underground and Aboveground Storage Tank Facility	$650	$650 - $6,500

Exception Requests

Project	*Fee*
Exception Request	$500

Extension of Time Requests

Project	***Fee***
Extension of Time Request	$150

TCEQ Use Only

TCEQ Core Data Form

For detailed instructions on completing this form, please read the Core Data Form Instructions or call 512-239-5175.

SECTION I: General Information

1. Reason for Submission (*If other is checked please describe in space provided.*)

☒ New Permit, Registration or Authorization (*Core Data Form should be submitted with the program application.*)

☐ Renewal *(Core Data Form should be submitted with the renewal form)*

☐ Other

2. Customer Reference Number *(if issued)*	Follow this link to search for CN or RN numbers in Central Registry**	**3. Regulated Entity Reference Number** *(if issued)*
CN 602672263		**RN**

SECTION II: Customer Information

4. General Customer Information | **5. Effective Date for Customer Information Updates** (mm/dd/yyyy)

☐ New Customer ☐ Update to Customer Information ☐ Change in Regulated Entity Ownership
☐ Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)

The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).

6. Customer Legal Name *(If an individual, print last name first: eg: Doe, John)* — *If new Customer, enter previous Customer below:*

CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY

7. TX SOS/CPA Filing Number	**8. TX State Tax ID** (11 digits)	**9. Federal Tax ID** (9 digits)	**10. DUNS Number** *(if applicable)*
N/A	N/A	N/A	N/A

11. Type of Customer:

☐ Corporation ☐ Individual Partnership: ☐ General ☐ Limited
Government: ☐ City ☐ County ☐ Federal ☐ Local ☐ State ☐ Other ☐ Sole Proprietorship ☒ Other: MOBILITY AUTHORITY

12. Number of Employees

☐ 0-20 ☒ 21-100 ☐ 101-250 ☐ 251-500 ☐ 501 and higher

13. Independently Owned and Operated?

☒ **Yes** ☐ **No**

14. Customer Role (Proposed or Actual) – *as it relates to the Regulated Entity listed on this form. Please check one of the following*

☐ Owner ☐ Operator ☒ Owner & Operator
☐ Occupational Licensee ☐ Responsible Party ☐ VCP/BSA Applicant ☐ Other:

15. Mailing Address:	3300 N IH35, SUITE 300						
	City	AUSTIN	**State**	TX	**ZIP**	78705	**ZIP + 4**

16. Country Mailing Information *(if outside USA)*	**17. E-Mail Address** *(if applicable)*

18. Telephone Number	19. Extension or Code	20. Fax Number *(if applicable)*
(512) 996-9778		(512) 996-9784

SECTION III: Regulated Entity Information

21. General Regulated Entity Information *(If 'New Regulated Entity" is selected, a new permit application is also required.)*

☐ New Regulated Entity ☐ Update to Regulated Entity Name ☒ Update to Regulated Entity Information

The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).

22. Regulated Entity Name *(Enter name of the site where the regulated action is taking place.)*

183A SHARED USE PATH AT NORTHLINE DEVELOPMENT

23. Street Address of the Regulated Entity: ***(No PO Boxes)***							
	City		**State**		**ZIP**		**ZIP + 4**
24. County							

If no Street Address is provided, fields 25-28 are required.

25. Description to Physical Location:	San Gabriel Parkway to the intersection of Hero Way				
26. Nearest City			**State**	**Nearest ZIP Code**	
Leander			TX	78641	

Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).

27. Latitude (N) In Decimal:	30.594464		**28. Longitude (W) In Decimal:**	97.850803	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
30	35	40.07	97	51	2.89

29. Primary SIC Code (4 digits)	**30. Secondary SIC Code** (4 digits)	**31. Primary NAICS Code** (5 or 6 digits)	**32. Secondary NAICS Code** (5 or 6 digits)

33. What is the Primary Business of this entity? *(Do not repeat the SIC or NAICS description.)*

34. Mailing Address:	**Central Texas Regional Authority**						
	3300 N IH35 Suite 300						
	City	**Leander**	**State**	**TX**	**ZIP**	**78705**	**ZIP + 4**
35. E-Mail Address:							

36. Telephone Number	**37. Extension or Code**	**38. Fax Number** *(if applicable)*
(512) 996-9778		**(512) 996-9784**

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form instructions for additional guidance.

☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☐ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☐ Wastewater	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:

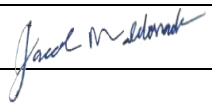
SECTION IV: Preparer Information

40. Name:	Jacob Maldonado, PE	**41. Title:**	Project Engineer

42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**
(512 **)** 919-0722		**( )** -	Jmaldonado@kfriese.com

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

Company:	K Friese + Associates, LLC	**Job Title:**	Project Engineer
Name *(In Print):*	Jacob Maldonado, PE	**Phone:**	**(** 512 **)** 919-0722
Signature:		**Date:**	10/12/2024