

Received

JUL 17 2020

HNTB Corporation

## WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 4

1. CONTRACTOR: Joe Bland Construction
2. Change Order Work Limits: Sta. 100+26 to Sta. 139+81
3. Type of Change(on federal-aid non-exempt projects): Minor (Major/Minor)
4. Reasons: 3F (3 Max. - In order of importance - Primary first)

Project:	<u>Round Rock</u> <u>1901-285</u>
Roadway:	<u>CR 176 at RM</u> <u>2243</u>
CSJ Number:	

5. Describe the work being revised:

**3F: County Convenience. Additional work desired by the County.** This Change Order adds a Shared Use Path to (SUP) the project at the request of the County. The path extends from RM 2243 (Leander Road) to CR 176, located along the west right of way. The SUP required a pedestrian crossing at Parkside Parkway on the south end of the project.

6. Work to be performed in accordance with Items: See Attached.
7. New or revised plan sheet(s) are attached and numbered: PED 1-7
8. New Special Provisions/Specifications to the contract are attached: ☐ Yes ☐ No
9. New Special Provisions to Item N/A No. N/A, Special Specification Item N/A are attached.

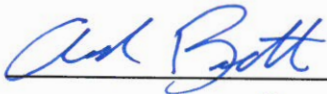
Each signatory hereby warrants that each has the authority to execute this Change Order (CO).

The contractor must sign the Change Order and, by doing so, agrees to waive any and all claims for additional compensation due to any and all other expenses; additional changes for time, overhead and profit; or loss of compensation as a result of this change.

## The following information must be provided

Time Ext. #: 1 Days added on this CO: 60Amount added by this change order: \$452,885.58THE CONTRACTOR Date 7-17-20

By

Typed/Printed Name Andrew BattenTyped/Printed Title Project Manager

## RECOMMENDED FOR EXECUTION:

  
Project Manager Date 7/20/20

County Commissioner Precinct 1 Date

☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 2 Date

☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 3 Date

☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 4 Date

☐ APPROVED ☐ REQUEST APPROVAL

N/A  
Design Engineer Date

  
Program Manager Date 07/21/2020

Design Engineer's Seal:

see attached plan sheets

## WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 4

Project # 1901-285

TABLE A: Force Account Work and Materials Placed into Stock

	LABOR	HOURLY RATE			HOURLY RATE

TABLE B: Contract Items:

				ORIGINAL + PREVIOUSLY REVISED		ADD or (DEDUCT)	NEW		
ITEM	DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	ITEM COST	QUANTITY	QUANTITY	ITEM COST	OVERRUN/ UNDERRUN
432-6005	RIPRAP (CONC)(CL A)	CY	\$569.00	0.00	\$0.00	750.00	750.00	\$426,750.00	\$426,750.00
464-6005	RCPIPE (CL III)(24IN)	LF	\$70.00	0.00	\$0.00	78.00	78.00	\$5,460.00	\$5,460.00
467-6376	SET (TY II)(24IN)(RCP)(3:1)(P)	EA	\$1,778.00	0.00	\$0.00	8.00	8.00	\$14,224.00	\$14,224.00
502-WC01	BARRICADES, SIGNS AND TRAFFIC HANDLING (FOR SUP)	MO	\$975.79	0.00	\$0.00	2.00	2.00	\$1,951.58	\$1,951.58
532-6004	CURB RAMPS (TY I)	EA	\$1,500.00	0.00	\$0.00	3.00	3.00	\$4,500.00	\$4,500.00
TOTALS					\$0.00			\$452,885.58	\$452,885.58

## CHANGE ORDER REASON(S) CODE CHART

1. Design Error or Omission	1A. Incorrect PS&E 1B. Other
2. Differing Site Conditions (unforeseeable)	2A. Dispute resolution (expense caused by conditions and/or resulting delay) 2B. Unavailable material 2C. New development (conditions changing after PS&E completed) 2D. Environmental remediation 2E. Miscellaneous difference in site conditions (unforeseeable)(Item 9) 2F. Site conditions altered by an act of nature 2G. Unadjusted utility (unforeseeable) 2H. Unacquired Right-of-Way (unforeseeable) 2I. Additional safety needs (unforeseeable) 2J. Other
3. County Convenience	3A. Dispute resolution (not resulting from error in plans or differing site conditions) 3B. Public relations improvement 3C. Implementation of a Value Engineering finding 3D. Achievement of an early project completion 3E. Reduction of future maintenance 3F. Additional work desired by the County 3G. Compliance requirements of new laws and/or policies 3H. Cost savings opportunity discovered during construction 3I. Implementation of improved technology or better process 3J. Price adjustment on finished work (price reduced in exchange for acceptance) 3K. Addition of stock account or material supplied by state provision 3L. Revising safety work/measures desired by the County 3M. Other
4. Third Party Accommodation	4A. Failure of a third party to meet commitment 4B. Third party requested work 4C. Compliance requirements of new laws and/or policies (impacting third party) 4D. Other
5. Contractor Convenience	5A. Contractor exercises option to change the traffic control plan 5B. Contractor requested change in the sequence and/or method of work 5C. Payment for Partnering workshop 5D. Additional safety work/measures desired by the contractor 5E. Other
6. Untimely ROW/Utilities	6A. Right-of-Way not clear (third party responsibility for ROW) 6B. Right-of-Way not clear (County responsibility for ROW) 6C. Utilities not clear 6D. Other

## **Williamson County Road Bond Program**

### **CR 176 at RM 2243 Williamson County Project No. 1902-285 Change Order No. 4**

#### **Reason for Change**

This Change Order adds a Shared Use Path (SUP) to the project at the request of the County. The path extends from RM 2243 (Leander Road) to CR 176, along the west right of way. The SUP required a pedestrian crossing at Parkside Parkway on the south end of the project.

The following is a list of new items required for this Change Order.

ITEM	DESCRIPTION	QTY	UNIT
432-6005	RIPRAP (CONC) (CL A)	750.00	CY
464-6005	RCPIPE (CL III) (24IN)	78.00	LF
467-6376	SET (TY II) (24IN) (RCP) (3:1) (P)	8.00	EA
502-WC01	BARRICADES, SIGN, AND TRAFIC HANDLING (FOR SUP)	2.00	MO
532-6004	CURB RAMPS (TY I)	3.00	EA

This Change Order results in an increase of \$452,885.58 to the Contract amount, for an adjusted Contract total of \$2,968,233.13. The original Contract amount was \$2,447,560.00. As a result of this Change Order, \$520,673.13 has been added to the Contract, resulting in an 21.27% increase in the Contract cost. Sixty (60) additional days will be added to the Contract as a result of this Change Order.

#### **HNTB Corporation**

James Klotz, P.E.



## JOE BLAND CONSTRUCTION, L.P.

13111 DESSAU ROAD

AUSTIN, TX 78754

Contact: Andrew Batten

Phone: 512-579-9221

Fax:

Quote To:

HNTB

Job Name:

CR 176 Shared Use Path

Date of Plans:

Revision Date:

Phone:

Fax:

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
10	RIPRAP (CL A)	750.00	CY	569.00	426,750.00
20	RC PIPE (CL III)(24 IN)	78.00	LF	70.00	5,460.00
30	SET (TY II)(24 IN)(RCP)(3:1)(P)	8.00	EA	1,778.00	14,224.00
40	CURB RAMPS (TY 1)	3.00	EA	1,500.00	4,500.00
<b>GRAND TOTAL</b>					<b>\$450,934.00</b>



# Flasher Equipment Co

**Flasher Equipment Co.**  
 5827 W. US Hwy. 90  
 San Antonio, TX 78227  
 210-736-4251  
 Fax 210-736-2084

## INVOICE

Invoice Date	Invoice No.
4/30/2020	00335470

Terms: Net 10 Days

**Joe Bland Construction, L.P.**  
 Ellen Edmondson  
 13111 Dessau Road  
 Austin, Texas 78754

**Job ID: 250536**

Cr 176  
 CR 176;; Deer Draw;; RM 2243  
 Georgetown  
 Project#: CR 176  
 Highway: County:

**Sub in eCMS - 843**

**Item 1: \$850.00**

Customer	Customer Job No.	Customer P.O. No.	Period Covered			Foreman Name / Phone#		
JOEBLACO	CR 176	843	4/1/2020 - 4/30/2020			Andrew Batten		
Date	Description	From - To	Qty	Days	Units	Price	Total	
	----- RENTALS -----							
04/30/20	MONTHLY CONTRACT	04/01 04/30	1	30	1	850.00	\$850.00	
04/01/20	42" CHANNELIZER	04/01 04/30	56	30	1,680	0.00	\$0.00	
04/01/20	30LB CHANNELIZER BASE	04/01 04/30	56	30	1,680	0.00	\$0.00	
04/01/20	8 FT TY III PLASTIC BARRICADE	04/01 04/28	24	28	672	0.00	\$0.00	
04/29/20	8 FT TY III PLASTIC BARRICADE	04/29 04/30	12	2	24	0.00	\$0.00	
04/01/20	METAL BASE FOR TYPE III BARRICADE	04/01 04/28	48	28	1,344	0.00	\$0.00	
04/29/20	METAL BASE FOR TYPE III BARRICADE	04/29 04/30	24	2	48	0.00	\$0.00	
04/01/20	PLASTIC TRAFFIC BARREL	04/01 04/28	6	28	168	0.00	\$0.00	
04/01/20	TIRE RING FOR BARREL	04/01 04/28	6	28	168	0.00	\$0.00	
04/01/20	18 X 36 CORO DGFO BLACK - End Road Work	04/01 04/30	3	30	90	0.00	\$0.00	
04/01/20	18 X 36 CORO WHITE BLACK - When Workers Are Pre	04/01 04/30	5	30	150	0.00	\$0.00	
04/01/20	24X30 CORO DGFO BKV - M4-9L Detour Left	04/01 04/28	2	28	56	0.00	\$0.00	
04/01/20	24X30 CORO DGFO BKV - M4-9R Detour Right	04/01 04/28	2	28	56	0.00	\$0.00	
04/01/20	24 X 48 CORO DGFO BLACK - Begin Road Work Next _	04/01 04/30	5	30	150	0.00	\$0.00	
04/01/20	24 X 48 CORO DGFO BLACK - End Road Work	04/01 04/30	5	30	150	0.00	\$0.00	
04/01/20	24 X 48 CORO DGFO BLACK - End Work Zone	04/01 04/30	5	30	150	0.00	\$0.00	
04/01/20	30X36 CORO DGFO BKV - Begin Work Zone	04/01 04/30	5	30	150	0.00	\$0.00	
04/01/20	30X36 CORO DGFO BKV - M4-9AL DETOUR W/90 DE	04/01 04/28	1	28	28	0.00	\$0.00	
04/01/20	30X36 CORO DGFO BKV - M4-9AR DETOUR W/90 DE	04/01 04/28	1	28	28	0.00	\$0.00	
04/01/20	30 X 48 CORO WHITE BLACK - Contractor Name	04/01 04/30	5	30	150	0.00	\$0.00	
04/01/20	30 X 48 CORO WHITE BLACK - ROAD CLOSED	04/01 04/28	5	28	140	0.00	\$0.00	
04/01/20	30 X 60 CORO WHITE BLACK - Road Closed __ Mile A	04/01 04/28	2	28	56	0.00	\$0.00	
04/01/20	36 X 36 CORO DGFO BLACK - DETOUR 1500 FT	04/01 04/28	2	28	56	0.00	\$0.00	
04/01/20	36 X 36 CORO DGFO BLACK - No Center Line	04/01 04/30	2	30	60	0.00	\$0.00	



Date	Description	From - To	Qty	Days	Units	Price	Total
	----- RENTALS -----						
04/01/20	36 X 36 CORO DGFO BLACK - Road Work Ahead	04/01 04/30	3	30	90	0.00	\$0.00
04/01/20	36 X 36 CORO WHITE BLACK - Traffic Fines Double	04/01 04/30	6	30	180	0.00	\$0.00
04/01/20	42 X 48 CORO WHITE BLACK - Obey Warning Sign	04/01 04/30	5	30	150	0.00	\$0.00
04/01/20	48 X 48 CORO DGFO BLACK - Road Work Ahead	04/01 04/30	5	30	150	0.00	\$0.00
04/01/20	48X48 ALUM YLP BKV - Stay Alert Talk Or Text Later	04/01 04/30	5	30	150	0.00	\$0.00
04/01/20	SANDBAG	04/01 04/30	360	30	10,800	0.00	\$0.00
04/01/20	TELE 10 FT SQ POST BREAK AWAY 1 INCH	04/01 04/30	33	30	990	0.00	\$0.00
04/01/20	TELE 12 FT SQ POST BREAK AWAY 1 INCH	04/01 04/30	40	30	1,200	0.00	\$0.00
04/01/20	TELE 14 FT SQ POST BREAK AWAY 1 INCH	04/01 04/30	10	30	300	0.00	\$0.00
04/01/20	TELE 4ft upright with 5ft square foot welded	04/01 04/30	33	30	990	0.00	\$0.00
04/01/20	8 IN UPRIGHT FOR T-LEG	04/01 04/30	50	30	1,500	0.00	\$0.00
04/01/20	TELE 6in round to 3ft sq adjustable foot for sign	04/01 04/30	58	30	1,740	0.00	\$0.00
04/01/20	TELE 1.75 x 38inch 14 ga Crossbrace	04/01 04/30	28	30	840	0.00	\$0.00
04/01/20	52 IN X BRACE SET	04/01 04/30	50	30	1,500	0.00	\$0.00

EQUIPMENT RENTAL TOTAL	\$850.00
ONE-TIME CHARGES	\$0.00
SALES TAX	\$70.12
TOTAL CHARGES	\$920.12
PLEASE PAY THIS AMOUNT	\$920.12
*** Job Not Complete ***	

SPLTDIVS\$  
2:14:23 PM  
1/10/2020  
K:\011512-000\CR 176\DWG\SHEETS\Shared Use Path\CR176-PED-SUMM.dgn

SHARED USE PATH QUANTITIES SUMMARY														
SUP SHEET NO.	ITEM 432	ITEM 464	ITEM 467	ITEM 532	SUBSIDIARY TO ITEM 432  ----->	ITEM 100	ITEM 110	ITEM 132	ITEM 247	FOR INFORMATION PURPOSED ONLY  ----->	160	164	ITEM 166	168
	6005	6005	6376	6004		WC01	6001	6005	WC01		WC02	WC05	6002	WC001
	RIPRAP (CL A)	RC PIPE (CL III) (24 IN)	SET (TY II) (24 IN)(RCP) (3:1)(P)	CURB RAMPS (TY 1)		PREPARING ROW	EXCAVATION (RDWY)	EMBANKMENT (FINAL) (ORD COMP) (TY C)	FL BS (CMP IN PLACE) (8")		FURNISHING & PLACING TOPSOIL (4")	SEEDING FOR EROSION CONTROL (PERM)(WARM) (TY 5)	FERTILIZER	VEGETATIVE WATERING
	CY	LF	EA	EA		LS	CY	CY	CY		SY	SY	TON	MG
1 OF 2	307	54	6	1		0.5	635	107	198		1670	1670	0.3	81.7
2 OF 2	310	24	2	2		0.5	437	181	184		1823	1823	0.3	85.7
TOTAL	617	78	8	3		1.0	1072	288	382		3493	3493	0.6	167.4



WILLIAMSON  
COUNTY  
PRECINCT  
#3

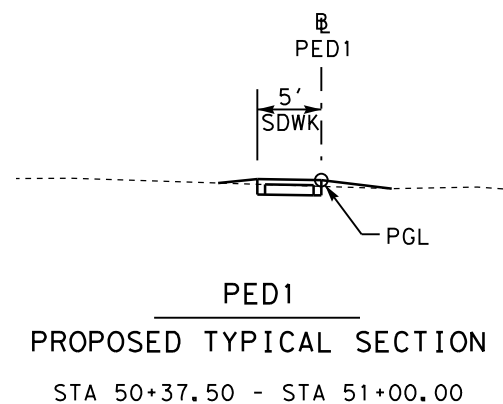
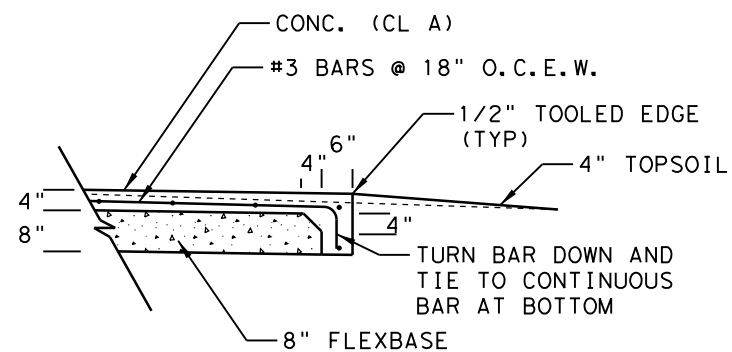
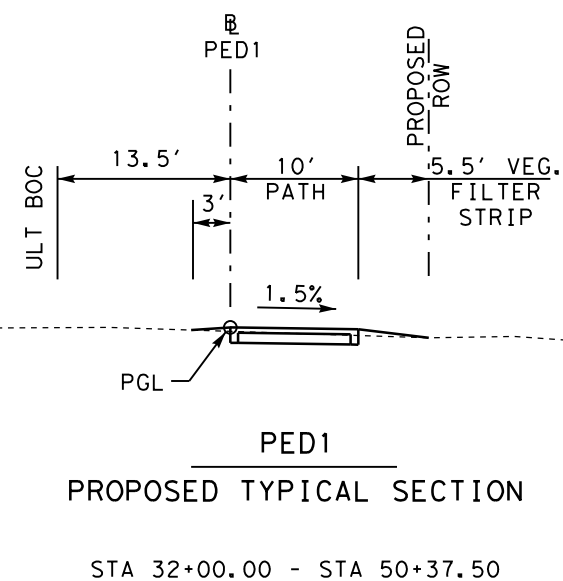
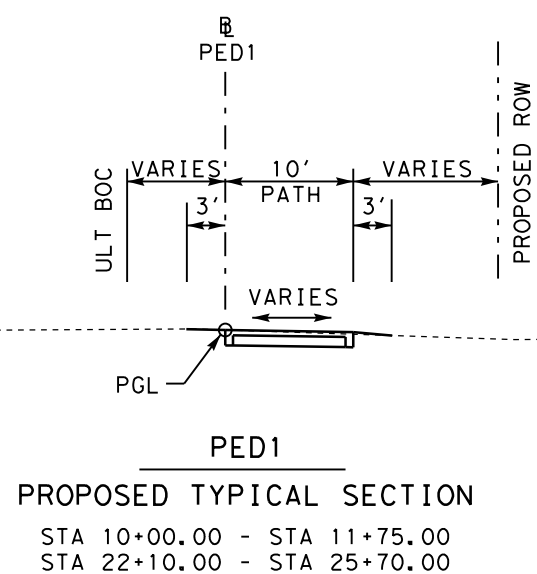
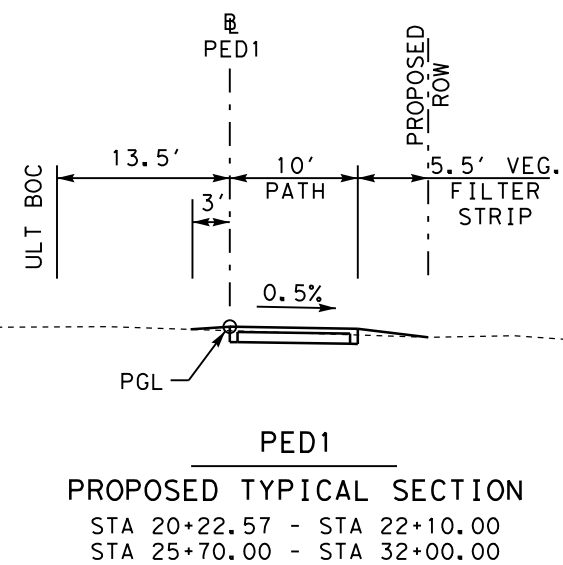
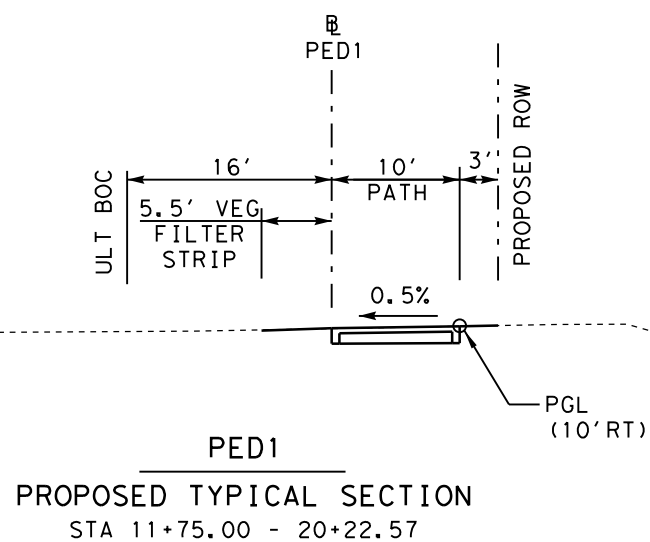


CR 176  
AT RM 2243  
SHARED USE PATH  
SUMMARY OF QUANTITIES

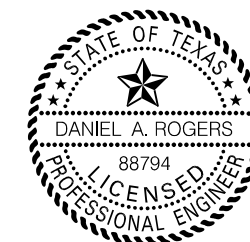
SHEET 1 OF 1

FED. RD. DIV. NO.	STATE PROJECT NO.		SHEET
6	2103-01-033		PED1
STATE	DIST.	COUNTY	
TEXAS	AUS	WILLIAMSON	
CONT.	SECT.	JOB	HIGHWAY NO.
2103	01	033	CR 176





NOTE: PROVIDE GROOVED EXPANSION JOINTS @ 10'.  
 PROVIDE 3/4" BOARD EXPANSION JOINTS @ 40' (MAX).  
 TERMINATE EACH WORKDAY AT AN EXPANSION JOINT.



Daniel G. Lopez

1/10/2020



WILLIAMSON  
COUNTY  
PRECINCT  
#3



CR 176  
AT RM 2243  
SHARED USE PATH  
TYPICAL SECTIONS

SHEET 1 OF 1

FED. RD. DIV. NO.	STATE PROJECT NO.		SHEET
6	2103-01-033		PED2
STATE	DIST.	COUNTY	
TEXAS	AUS	WILLIAMSON	
CONT.	SECT.	JOB	HIGHWAY NO.
2103	01	033	CR 176

N. T. S.

HORIZONTAL ALIGNMENT DATA  
(PED1)

<\* 1 DESCRIBE CHAIN PED1

Chain PED1 contains:  
PED04 CUR PED11 CUR PED12 CUR PED13 CUR PED14 CUR PED15 CUR PED16 PED05 PED06 PED07

Beginning chain PED1 description  
=====

Point PED04 N 10,191,031.9156 E 3,102,256.3147 Sta 9+00.00

Course from PED04 to PC PED11 S 10° 21' 39.67" E Dist 126.0000

Curve Data  
\*-----\*

Curve PED11  
P.I. Station 10+30.99 N 10,190,903.0599 E 3,102,279.8735  
Delta = 0° 35' 05.51" (RT)  
Degree = 5° 51' 30.47"  
Tangent = 4.9916  
Length = 9.9832  
Radius = 978.0000  
External = 0.0127  
Long Chord = 9.9832  
Mid. Ord. = 0.0127  
P.C. Station 10+26.00 N 10,190,907.9702 E 3,102,278.9758  
P.T. Station 10+35.98 N 10,190,898.1407 E 3,102,280.7211  
C.C. N 10,190,732.0769 E 3,101,316.9230  
Back = S 10° 21' 39.67" E  
Ahead = S 9° 46' 34.17" E  
Chord Bear = S 10° 04' 06.92" E

Curve Data  
\*-----\*

Curve PED12  
P.I. Station 10+53.10 N 10,190,881.2741 E 3,102,283.6273  
Delta = 64° 44' 27.61" (LT)  
Degree = 212° 12' 23.76"  
Tangent = 17.1152  
Length = 30.5085  
Radius = 27.0000  
External = 4.9677  
Long Chord = 28.9112  
Mid. Ord. = 4.1957  
P.C. Station 10+35.98 N 10,190,898.1407 E 3,102,280.7211  
P.T. Station 10+66.49 N 10,190,876.7051 E 3,102,300.1214  
C.C. N 10,190,902.7253 E 3,102,307.3290  
Back = S 9° 46' 34.17" E  
Ahead = S 74° 31' 01.77" E  
Chord Bear = S 42° 08' 47.97" E

Curve Data  
\*-----\*

Curve PED13  
P.I. Station 11+66.97 N 10,190,849.8833 E 3,102,396.9505  
Delta = 136° 35' 03.16" (RT)  
Degree = 143° 14' 22.01"  
Tangent = 100.4753  
Length = 95.3538  
Radius = 40.0000  
External = 68.1447  
Long Chord = 74.3265  
Mid. Ord. = 25.2050  
P.C. Station 10+66.49 N 10,190,876.7051 E 3,102,300.1214  
P.T. Station 11+61.85 N 10,190,802.8169 E 3,102,308.1809  
C.C. N 10,190,838.1567 E 3,102,289.4434  
Back = S 74° 31' 01.77" E  
Ahead = S 62° 04' 01.38" W  
Chord Bear = S 6° 13' 30.19" E

Curve Data  
\*-----\*

Curve PED14  
P.I. Station 11+78.96 N 10,190,794.7995 E 3,102,293.0597  
Delta = 64° 44' 27.61" (LT)  
Degree = 212° 12' 23.76"  
Tangent = 17.1152  
Length = 30.5085  
Radius = 27.0000  
External = 4.9677  
Long Chord = 28.9112  
Mid. Ord. = 4.1957  
P.C. Station 11+61.85 N 10,190,802.8169 E 3,102,308.1809  
P.T. Station 11+92.35 N 10,190,777.7029 E 3,102,293.8581  
C.C. N 10,190,778.9625 E 3,102,320.8287  
Back = S 62° 04' 01.38" W  
Ahead = S 2° 40' 26.22" E  
Chord Bear = S 29° 41' 47.58" W

HORIZONTAL ALIGNMENT DATA  
(PED1)  
(CONT.)

Curve Data  
\*-----\*

Curve PED15  
P.I. Station 15+49.04 N 10,190,421.4008 E 3,102,310.4986  
Delta = 40° 04' 30.90" (RT)  
Degree = 5° 51' 30.47"  
Tangent = 356.6904  
Length = 684.0573  
Radius = 978.0000  
External = 63.0149  
Long Chord = 670.1983  
Mid. Ord. = 59.2005  
P.C. Station 11+92.35 N 10,190,777.7029 E 3,102,293.8581  
P.T. Station 18+76.41 N 10,190,138.0457 E 3,102,093.8470  
C.C. N 10,190,732.0769 E 3,101,316.9230  
Back = S 2° 40' 26.22" E  
Ahead = S 37° 24' 04.68" W  
Chord Bear = S 17° 21' 49.23" W

Course from PT PED15 to PC PED16 S 37° 24' 04.68" W Dist 146.1635

Curve Data  
\*-----\*

Curve PED16  
P.I. Station 26+33.17 N 10,189,536.8734 E 3,101,634.1945  
Delta = 58° 05' 25.81" (LT)  
Degree = 5° 12' 39.87"  
Tangent = 610.5985  
Length = 1,114.7506  
Radius = 1,099.5000  
External = 158.1688  
Long Chord = 1,067.6150  
Mid. Ord. = 138.2769  
P.C. Station 20+22.57 N 10,190,021.9333 E 3,102,005.0682  
P.T. Station 31+37.33 N 10,188,965.6520 E 3,101,849.9180  
C.C. N 10,189,354.1038 E 3,102,878.5120  
Back = S 37° 24' 04.68" W  
Ahead = S 20° 41' 21.13" E  
Chord Bear = S 8° 21' 21.78" W

Course from PT PED16 to PED05 S 20° 41' 21.13" E Dist 837.1996

Point PED05 N 10,188,182.4429 E 3,102,145.6994 Sta 39+74.52

Course from PED05 to PED06 S 21° 20' 10.69" E Dist 1,063.0618

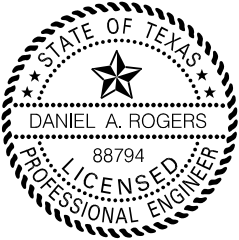
Point PED06 N 10,187,192.2424 E 3,102,532.4854 Sta 50+37.59

Course from PED06 to PED07 N 68° 39' 49.31" E Dist 143.3463

Point PED07 N 10,187,244.3978 E 3,102,666.0069 Sta 51+80.93

=====

Ending chain PED1 description



*Daniel A. Rogers*

1/10/2020



WILLIAMSON  
COUNTY  
PRECINCT  
#3



CR 176  
AT RM 2243  
SHARED USE PATH  
HORIZONTAL ALIGNMENT DATA

SHEET 1 OF 1

FED. RD. DIV. NO.	STATE PROJECT NO.		SHEET
6	2103-01-033		PED3
STATE	DIST.	COUNTY	
TEXAS	AUS	WILLIAMSON	
CONT.	SECT.	JOB	HIGHWAY NO.
2103	01	033	CR 176

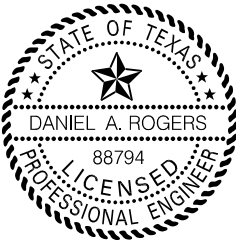
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STATION	X-SLOPE	PGL ELEV	DESC.
10+00.00	-0.50%	981.83	VPI
10+20.00	-0.50%	981.32	VPI
10+40.00	-0.50%	979.92	POINT ON GRADE
10+60.00	-0.50%	978.52	VPI
10+80.00	-0.50%	977.91	POINT ON GRADE
11+00.00	-0.50%	977.30	VPI
11+20.00	-0.50%	978.02	POINT ON GRADE
11+40.00	-0.50%	978.75	VPI
11+50.00	-0.50%	978.75	VPI
11+60.00	-0.50%	979.34	POINT ON GRADE
11+80.00	0.50%	980.51	POINT ON GRADE
12+00.00	0.50%	981.13	VPI
12+50.00	0.50%	981.25	VPI
13+00.00	0.50%	981.41	VPI
13+50.00	0.50%	981.52	VPI
14+00.00	0.50%	981.46	VPI
14+50.00	0.50%	981.77	VPI
15+00.00	0.50%	982.26	VPI
15+50.00	0.50%	982.57	VPI
16+00.00	0.50%	983.03	VPI
16+50.00	0.50%	983.60	VPI
17+00.00	0.50%	984.39	VPI
17+50.00	0.50%	985.00	VPI
18+00.00	0.50%	985.29	VPI
18+50.00	0.50%	985.77	VPI
19+00.00	0.50%	986.40	VPI
19+50.00	0.50%	986.63	VPI
20+00.00	0.50%	986.75	VPI
20+50.00	0.50%	987.13	VPI
21+00.00	0.00%	987.26	VPI
21+50.00	-0.50%	987.27	VPI
22+00.00	-0.50%	987.30	VPI
22+50.00	-0.50%	987.04	VPI
23+00.00	-0.50%	986.72	VPI
23+50.00	-0.50%	986.60	VPI
24+00.00	-0.50%	986.44	VPI
24+50.00	-0.50%	986.23	VPI
25+00.00	-0.50%	986.31	VPI
25+50.00	-0.50%	986.94	VPI
26+00.00	-0.50%	986.40	VPI
26+50.00	-0.50%	986.24	VPI
27+00.00	-0.50%	985.74	VPI

STATION	X-SLOPE	PGL ELEV	DESC.
27+50.00	-0.50%	985.28	VPI
28+00.00	-0.50%	985.32	VPI
28+50.00	-0.50%	985.62	VPI
29+00.00	-0.50%	985.87	VPI
29+50.00	-0.50%	986.38	VPI
30+00.00	-0.50%	986.64	VPI
30+50.00	-0.50%	986.98	VPI
31+00.00	-0.50%	987.08	VPI
31+50.00	-0.50%	987.27	VPI
32+00.00	-0.50%	987.68	VPI
32+50.00	-1.50%	988.45	VPI
33+00.00	-1.50%	989.33	VPI
33+50.00	-1.50%	989.93	VPI
34+00.00	-1.50%	990.94	VPI
34+50.00	-1.50%	991.42	VPI
35+00.00	-1.50%	991.40	VPI
35+50.00	-1.50%	990.40	VPI
36+00.00	-1.50%	988.48	VPI
36+50.00	-1.50%	987.09	VPI
37+00.00	-1.50%	986.37	VPI
37+50.00	-1.50%	985.70	VPI
38+00.00	-1.50%	984.84	VPI
38+50.00	-1.50%	983.82	VPI
39+00.00	-1.50%	982.94	VPI
39+50.00	-1.50%	982.13	VPI
40+00.00	-1.50%	980.91	VPI
40+50.00	-1.50%	980.10	VPI
41+00.00	-1.50%	979.64	VPI
41+50.00	-1.50%	978.74	VPI
42+00.00	-1.50%	978.07	VPI
42+50.00	-1.50%	977.31	VPI
43+00.00	-1.50%	976.64	VPI
43+50.00	-1.50%	976.01	VPI
44+00.00	-1.50%	975.28	VPI
44+50.00	-1.50%	974.19	VPI
45+00.00	-1.50%	973.05	VPI
45+50.00	-1.50%	972.09	VPI
46+00.00	-1.50%	971.27	VPI
46+50.00	-1.50%	970.58	VPI
47+00.00	-1.50%	969.81	VPI
47+50.00	-1.50%	969.58	VPI
48+00.00	-1.50%	968.81	VPI
48+50.00	-1.50%	968.59	VPI
49+00.00	-1.50%	968.10	VPI
49+60.00	-1.50%	967.63	VPI
50+00.00	-1.50%	969.50	VPI
50+37.50	-1.50%	966.92	VPI

NOTES:

1. REFER TO TYPICAL SECTIONS FOR PGL LOCATION RELATIVE TO ALIGNMENT.
2. X-SLOPE IS MEASURED FROM PGL TOWARD OPPOSITE EDGE OF PATH.



*Daniel A. Rogers*

1/10/2020



WILLIAMSON  
COUNTY  
PRECINCT  
#3

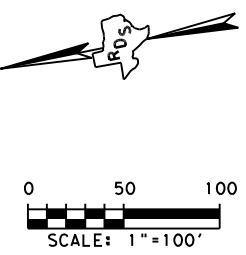
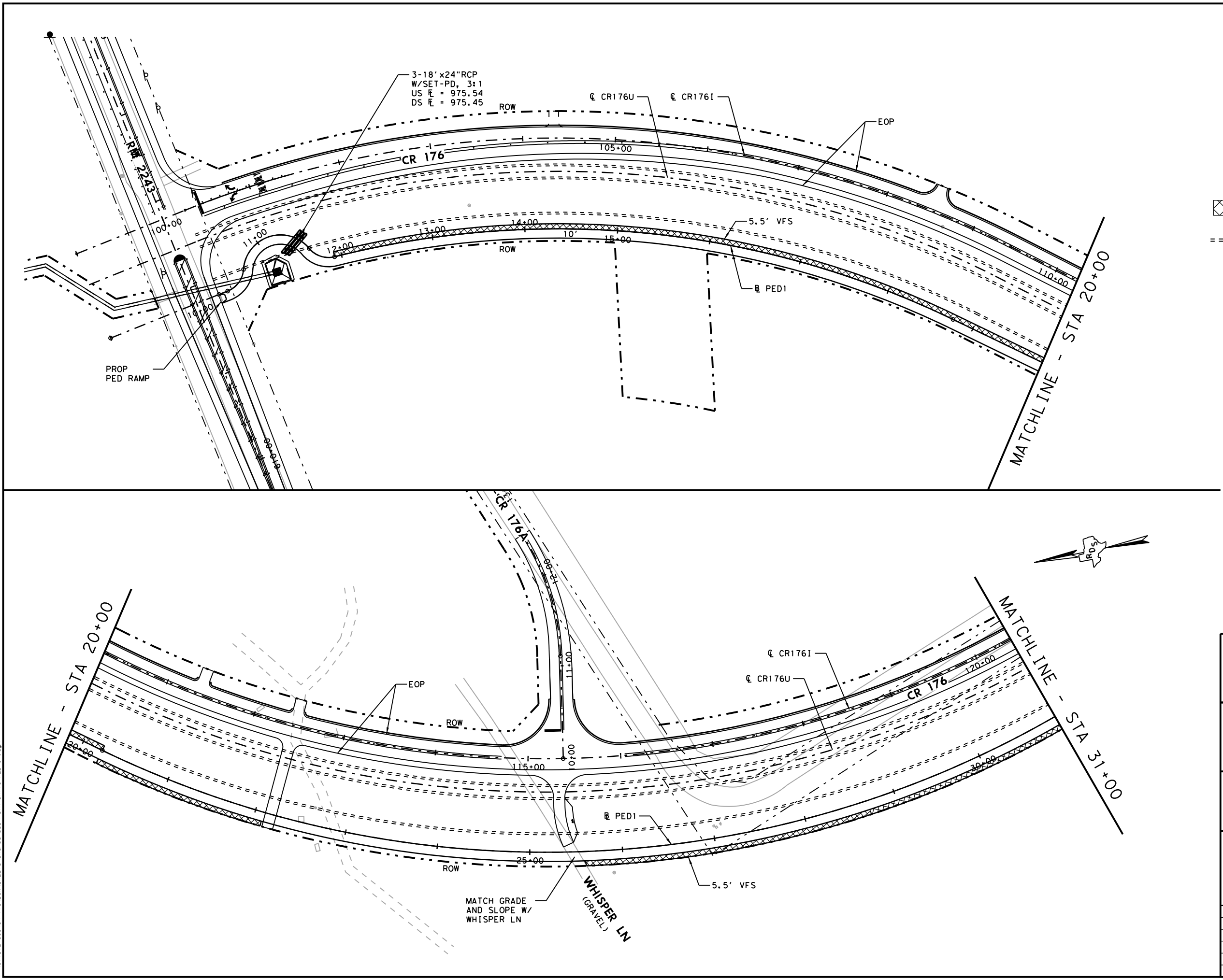


WSB & ASSOCIATES, INC.  
FIRM # 16849

CR 176  
AT RM 2243  
SHARED USE PATH  
X-SLOPE/PGL DATA

SHEET 1 OF 1

FED. RD. DIV. NO.	STATE PROJECT NO.		SHEET
6	2103-01-033		PED4
STATE	DIST.	COUNTY	
TEXAS	AUS	WILLIAMSON	
CONT.	SECT.	JOB	HIGHWAY NO.
2103	01	033	CR 176



LEGEND

- VEGETATIVE FILTER STRIP
- FUTURE CURB & GUTTER

STATE OF TEXAS  
DANIEL A. ROGERS  
88794  
LICENSED PROFESSIONAL ENGINEER  
*Daniel A. Rogers*  
1/10/2020



WILLIAMSON COUNTY  
PRECINCT #3



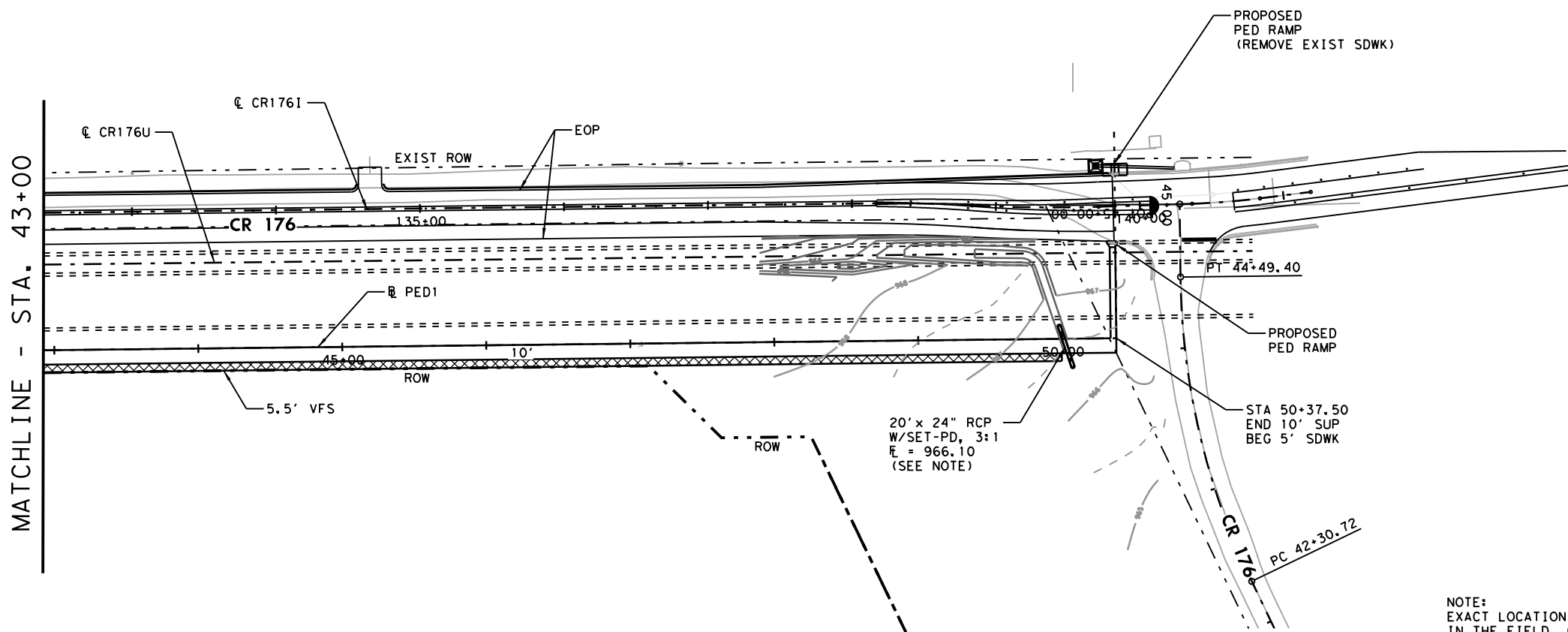
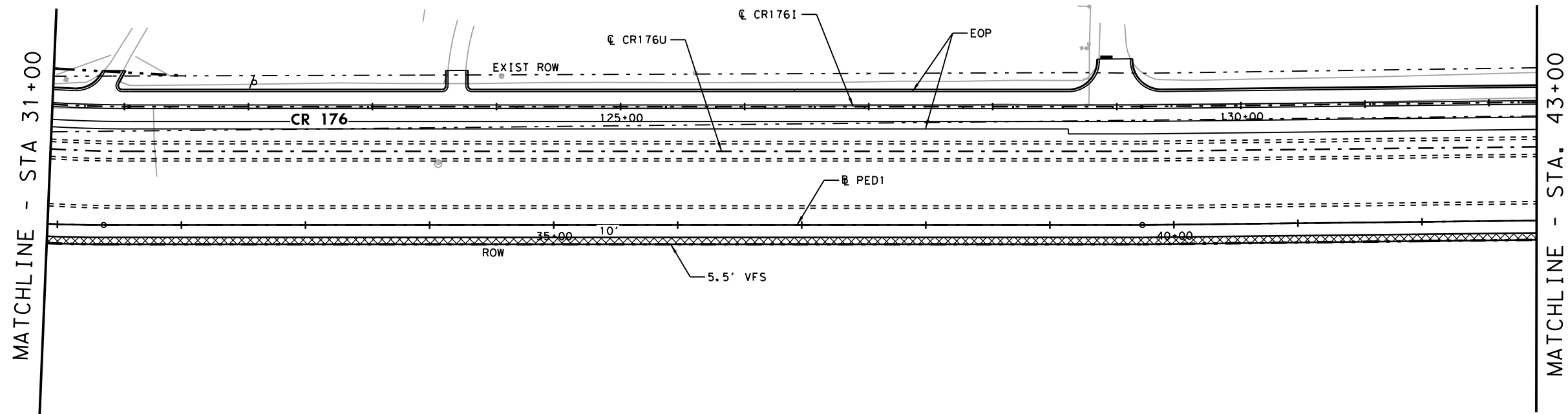
CR 176  
AT RM 2243  
SHARED USE PATH  
PLAN

SHEET 1 OF 2

FED. RD. DIV. NO.	STATE PROJECT NO.		SHEET
6	2103-01-033		PED5
STATE	DIST.	COUNTY	
TEXAS	AUS	WILLIAMSON	
CONT.	SECT.	JOB	HIGHWAY NO.
2103	01	033	CR 176

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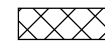
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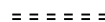
NOTE:  
EXACT LOCATION OF 24" RCP TO BE DETERMINED  
IN THE FIELD. CULVERT TO BE INSTALLED IN E  
OF GRADED DITCH.



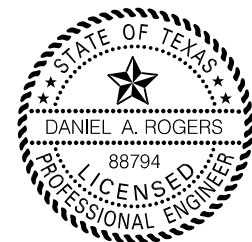
#### LEGEND



VEGETATIVE FILTER STRIP



FUTURE CURB & GUTTER



*Daniel A. Rogers*

1/10/2020



WILLIAMSON  
COUNTY  
PRECINCT  
#3

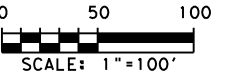
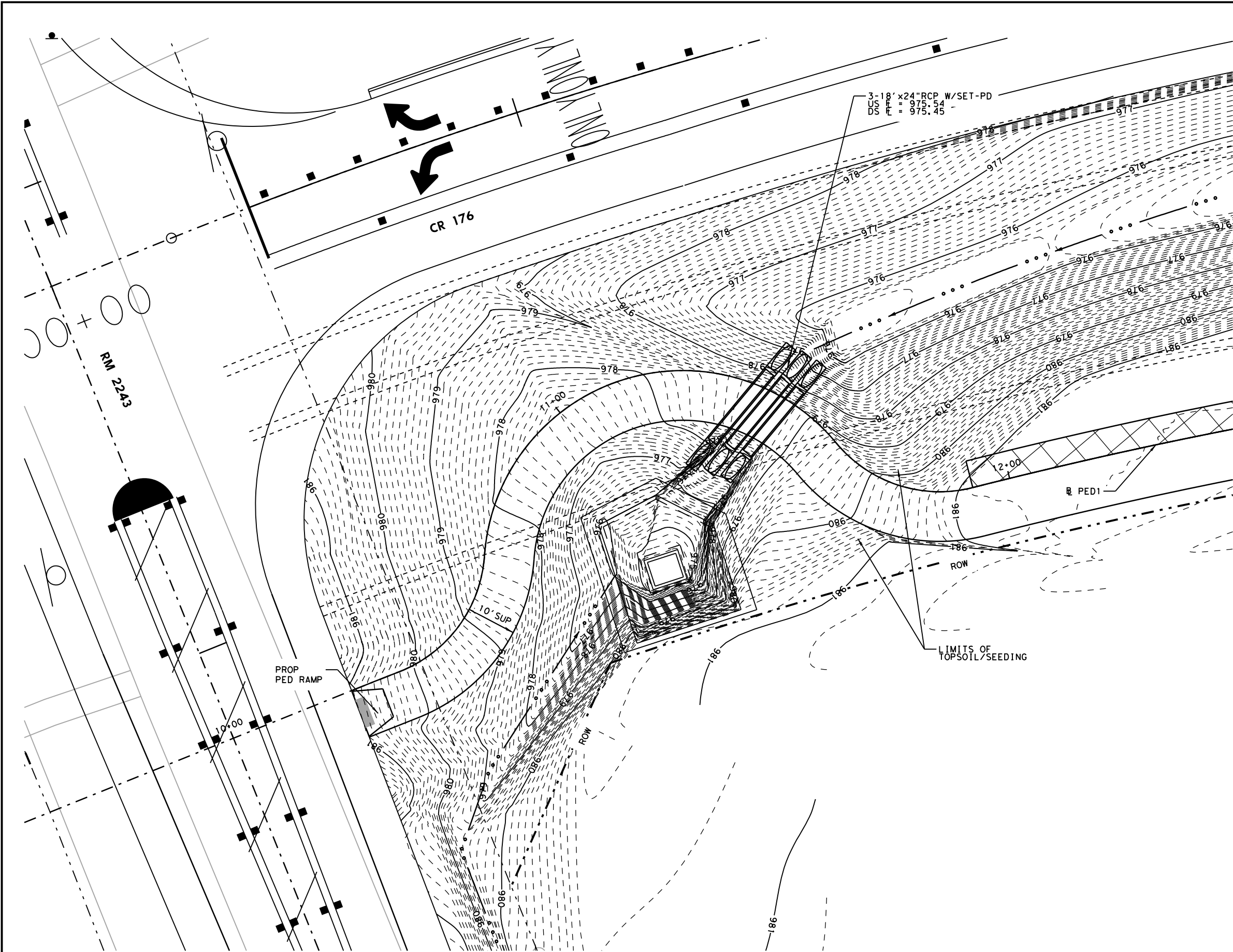


### CR 176 AT RM 2243 SHARED USE PATH PLAN

SHEET 2 OF 2

FED. RD. DIV. NO.	STATE PROJECT NO.		SHEET
6	2103-01-033		PED6
STATE	DIST.	COUNTY	
TEXAS	AUS	WILLIAMSON	
CONT.	SECT.	JOB	HIGHWAY NO.
2103	01	033	CR 176

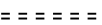
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LEGEND



VEGETATIVE FILTER STRIP



FUTURE CURB & GUTTER



*Daniel A. Rogers*

1/10/2020



WILLIAMSON  
COUNTY  
PRECINCT  
#3



CR 176  
AT RM 2243  
SHARED USE PATH  
DETAIL

SHEET 1 OF 1

FED. RD. DIV. NO.	STATE PROJECT NO.		SHEET
6	2103-01-033		PED7
STATE	DIST.	COUNTY	
TEXAS	AUS	WILLIAMSON	
CONT.	SECT.	JOB	HIGHWAY NO.
2103	01	033	CR 176