

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 6

1. CONTRACTOR: JAMES CONSTRUCTION GROUP

2. Change Order Work Limits: Sta. 1099 + 71.31 to Sta. 1129 + 00

3. Type of Change(on federal-aid non-exempt projects): Major (Major/Minor)

4. Reasons: 3M (3 Max. - In order of importance - Primary first)

Project: SE LOOP S1 P1

Roadway: T3346

CSJ
Number: N/A

5. Describe the work being revised:

3M. County Convenience. Other. Due to the existing utility conflicts impeding the remaining construction, this Change Order will remove all remaining work from Phases 2-4 from the project.

6. Work to be performed in accordance with Items: See attached

7. New or revised plan sheet(s) are attached and numbered: 3,15A,34,143,268,269,383

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. #: _____ Days added on this CO: _____

Amount added by this change order: (\$1,015,961.92)

THE CONTRACTOR

Date 9-15-23

By

Typed/Printed Name

Typed/Printed Title

Joey Williams
Division Manager

RECOMMENDED FOR EXECUTION:

[Signature]

9/18/2023

Project Manager

Date

N/A

Design Engineer

Date

Christen Echberger

9/18/2023

Program Manager

Date

Design Engineer's Seal:

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

County Judge

Date

☐

APPROVED

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 6

Project # SE LOOP S1 P1

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
100-6002	PREPARING ROW	STA	\$10,650.00	107.80	\$1,148,070.00	(14.00)	93.80	\$998,970.00	(\$149,100.00)
104-6022	REMOVING CONC (CURB AND GUTTER)	LF	\$2.23	725.00	\$1,616.75	(234.00)	491.00	\$1,094.93	(\$521.82)
105-6088	REMOVING STAB BASE AND ASPH PAV (0-5")	SY	\$4.33	2,425.00	\$10,500.25	(2,425.00)	0.00	\$0.00	(\$10,500.25)
106-6002	OBLITERATING ABANDONED ROAD	SY	\$0.76	2,425.00	\$1,843.00	(2,425.00)	0.00	\$0.00	(\$1,843.00)
110-6001	EXCAVATION (ROADWAY)	CY	\$3.92	35,486.00	\$139,105.12	(1,851.00)	33,635.00	\$131,849.20	(\$7,255.92)
132-WC01	EMBANKMENT (FINAL)(DENS CONT)(TY C)	CY	\$39.99	39,249.00	\$1,569,567.51	(1,046.00)	38,203.00	\$1,527,737.97	(\$41,829.54)
160-WC02	FURNISHING AND PLACING TOPSOIL (4")	SY	\$0.31	71,812.00	\$22,261.72	(21,880.00)	49,932.00	\$15,478.92	(\$6,782.80)
161-WC001	EROSION CONTROL COMPOST (3")	SY	\$2.36	17,893.00	\$42,227.48	(6,886.00)	11,007.00	\$25,976.52	(\$16,250.96)
162-WC103	MULCH TOPDRESSING (5")	SY	\$5.28	17,893.00	\$94,475.04	(6,886.00)	11,007.00	\$58,116.96	(\$36,358.08)
164-WC04	SEEDING FOR EROSION CONTROL (TEMP)(COOL)(TY 4)	SY	\$0.15	35,914.00	\$5,387.10	(13,766.00)	22,148.00	\$3,322.20	(\$2,064.90)
164-WC11	SEEDING FOR EROSION CONTROL (TEMP & PERM)(COOL)(TY 11)	SY	\$0.13	107,726.00	\$14,004.38	(41,288.00)	66,438.00	\$8,636.94	(\$5,367.44)
166-6002	FERTILIZER	TON	\$1,106.05	11.00	\$12,166.55	(4.20)	6.80	\$7,521.14	(\$4,645.41)
168-WC01	VEGETATIVE WATERING	MG	\$27.00	2,874.00	\$77,598.00	(1,101.70)	1,772.30	\$47,852.10	(\$29,745.90)
169-6001	SOIL RETENTION BLANKETS (CL 1) (TY A)	SY	\$1.25	15,622.00	\$19,527.50	(2,591.00)	13,031.00	\$16,288.75	(\$3,238.75)
169-6005	SOIL RETENTION BLANKETS (CL 2) (TY E)	SY	\$1.45	29,263.00	\$42,431.35	(8,711.00)	20,552.00	\$29,800.40	(\$12,630.95)
247-6044	FL BS (CMP IN PLC)(TY A GR 4)(FNAL POS)	CY	\$35.83	13,172.00	\$471,952.76	(805.00)	12,367.00	\$443,109.61	(\$28,843.15)
260-6011	LIME TRT (EXST MATL) (12")	SY	\$3.05	39,326.00	\$119,944.30	(2,672.00)	36,654.00	\$111,794.70	(\$8,149.60)
260-6043	LIME (HYD, COM OR QK)(SLURRY)	TON	\$140.67	1,045.00	\$147,000.15	(72.00)	973.00	\$136,871.91	(\$10,128.24)
310-6001	PRIME COAT (MULTI OPTION)	GAL	\$3.20	7,429.00	\$23,772.80	(519.00)	6,910.00	\$22,112.00	(\$1,660.80)
316-6002	AGGR (MULTI OPTION)	CY	\$105.00	336.00	\$35,280.00	(48.00)	288.00	\$30,240.00	(\$5,040.00)
316-6413	ASPH(AC-15P, HFRS-2P OR CRS-2P)	GAL	\$2.90	13,756.00	\$39,892.40	(2,084.00)	11,672.00	\$33,848.80	(\$6,043.60)
TOTALS					\$4,038,624.16			\$3,650,623.05	(\$388,001.11)

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 6

Project # SE LOOP S1 P1

TABLE B: Contract Items (Continued)

				ORIGINAL + PREVIOUSLY REVISED		ADD or (DEDUCT)	NEW		
ITEM	DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	ITEM COST	QUANTITY	QUANTITY	ITEM COST	OVERRUN/ UNDERRUN
351-6002	FLEXIBLE PAVEMENT STRUCTURE REPAIR (6")	SY	\$45.95	1,528.00	\$70,211.60	(1,139.00)	389.00	\$17,874.55	(\$52,337.05)
354-6022	PLANE ASPH CONC PAV (0" TO 3")	SY	\$4.14	3,729.00	\$15,438.06	(3,294.00)	435.00	\$1,800.90	(\$13,637.16)
401-6001	FLOWABLE BACKFILL	CY	\$122.71	43.00	\$5,276.53	(10.00)	33.00	\$4,049.43	(\$1,227.10)
432-6002	RIPRAP (CONC)(5 IN)	CY	\$353.76	352.00	\$124,523.52	(29.00)	323.00	\$114,264.48	(\$10,259.04)
464-6003	RC PIPE (CL III)(18 IN)	LF	\$47.23	3,534.00	\$166,910.82	(197.00)	3,337.00	\$157,606.51	(\$9,304.31)
465-6126	INLET (COMPL)(PSL)(FG)(3FTX3FT-3FTX3FT)	EA	\$4,992.27	7.00	\$34,945.89	(1.00)	6.00	\$29,953.62	(\$4,992.27)
496-6004	REMOV STR (SET)	EA	\$536.31	6.00	\$3,217.86	(6.00)	0.00	\$0.00	(\$3,217.86)
496-6007	REMOV STR (PIPE)	LF	\$21.71	282.00	\$6,122.22	(127.00)	155.00	\$3,365.05	(\$2,757.17)
506-6002	ROCK FILTER DAMS (INSTALL)(TY 2)	LF	\$30.27	880.00	\$26,637.60	(380.00)	500.00	\$15,135.00	(\$11,502.60)
506-6011	ROCK FILTER DAMS (REMOVE)	LF	\$14.19	1,020.00	\$14,473.80	(380.00)	640.00	\$9,081.60	(\$5,392.20)
506-6038	TEMPORARY SEDIMENT CONTROL FENCE (INSTALL)	LF	\$2.12	15,977.00	\$33,871.24	(2,705.00)	13,272.00	\$28,136.64	(\$5,734.60)
506-6039	TEMPORARY SEDIMENT CONTROL FENCE (REMOVE)	LF	\$0.46	15,977.00	\$7,349.42	(2,705.00)	13,272.00	\$6,105.12	(\$1,244.30)
506-6041	BIODEG EROSN CONT LOGS (INSTL)(12")	LF	\$5.18	1,034.00	\$5,356.12	(302.00)	732.00	\$3,791.76	(\$1,564.36)
506-6043	BIODEG EROSN CONT LOGS (REMOVE)	LF	\$1.07	1,034.00	\$1,106.38	(302.00)	732.00	\$783.24	(\$323.14)
529-6008	CONC CURB & GUTTER (TY II)	LF	\$19.00	10,907.00	\$207,233.00	(427.00)	10,480.00	\$199,120.00	(\$8,113.00)
530-6005	DRIVEWAYS (ACP)	SY	\$75.60	262.00	\$19,807.20	(262.00)	0.00	\$0.00	(\$19,807.20)
531-6002	CONC SIDEWALKS (5")	SY	\$42.54	6,476.00	\$275,489.04	(155.50)	6,320.50	\$268,874.07	(\$6,614.97)
550-6001	CHAIN LINK FENCE (INSTALL)(6')	LF	\$22.25	750.00	\$16,687.50	(750.00)	0.00	\$0.00	(\$16,687.50)
550-6012	CHAIN LINK FENCE GATE (INSTALL)(6'X16')	EA	\$933.50	1.00	\$933.50	(1.00)	0.00	\$0.00	(\$933.50)
560-6001	MAILBOX INSTALL-S (TWG-POST) TY 1	EA	\$176.26	3.00	\$528.78	(3.00)	0.00	\$0.00	(\$528.78)
644-6002	IN SM RD SN SUP&AM TY10BWG (1) SA (P-BM)	EA	\$550.00	4.00	\$2,200.00	(2.00)	2.00	\$1,100.00	(\$1,100.00)
644-6007	IN SM RD SN SUP&AM TY10BWG (1) SA (U)	EA	\$675.00	2.00	\$1,350.00	(2.00)	0.00	\$0.00	(\$1,350.00)
644-6060	IN SM RD SN SUP&AM TYTWT (1) WS (P)	EA	\$350.00	8.00	\$2,800.00	(5.00)	3.00	\$1,050.00	(\$1,750.00)
644-6061	IN SM RD SN SUP&AM TYTWT (1) WS (T)	EA	\$450.00	19.00	\$8,550.00	(10.00)	9.00	\$4,050.00	(\$4,500.00)
644-6076	REMOVE SM RD SN SUP&AM	EA	\$70.00	9.00	\$630.00	(9.00)	0.00	\$0.00	(\$630.00)
658-6002	INSTL DEL ASSM (D-SW) SZ 1 (FLX) GND (BI)	EA	\$20.00	60.00	\$1,200.00	(23.00)	37.00	\$740.00	(\$460.00)
658-6016	INSTL DEL ASSM (D-SW) SZ (BRF) GF1 (BI)	EA	\$15.00	42.00	\$630.00	(6.00)	36.00	\$540.00	(\$90.00)
658-6047	INSTL OM ASSM (OM-2Y)(WC) GND	EA	\$60.00	20.00	\$1,200.00	(13.00)	7.00	\$420.00	(\$780.00)
662-6004	WK ZN PAV MRK NON-REMOV (W) 4" (SLD)	LF	\$0.40	9,545.00	\$3,818.00	(4,802.00)	4,743.00	\$1,897.20	(\$1,920.80)
662-6016	WK ZN PAV MRK NON-REMOV (W) 24" (SLD)	LF	\$8.25	85.00	\$701.25	(54.00)	31.00	\$255.75	(\$445.50)
662-6034	WK ZN PAV MRK NON-REMOV (Y) 4" (SLD)	LF	\$0.40	13,471.00	\$5,388.40	(6,569.00)	6,902.00	\$2,760.80	(\$2,627.60)
662-6050	WK ZN PAV MRK REMOV (REFL) TY II-A-A	EA	\$5.00	418.00	\$2,090.00	(202.00)	216.00	\$1,080.00	(\$1,010.00)
662-6109	WK ZN PAV MRK SHT TERM (TAB) TY W	EA	\$1.00	1,688.00	\$1,688.00	(1,688.00)	0.00	\$0.00	(\$1,688.00)
662-6111	WK ZN PAV MRK SHT TERM (TAB)TY Y-2	EA	\$1.00	2,018.00	\$2,018.00	(2,018.00)	0.00	\$0.00	(\$2,018.00)
666-6036	REFL PAV MRK TY I (W) 8" (SLD)(100MIL)	LF	\$0.90	1,959.00	\$1,763.10	(1,418.00)	541.00	\$486.90	(\$1,276.20)
666-6042	REFL PAV MRK TY I (W) 12" (SLD)(100MIL)	LF	\$3.50	160.00	\$560.00	(160.00)	0.00	\$0.00	(\$560.00)
The "Totals" from Table B of the previous work sheet:					\$4,038,624.16			\$3,650,623.05	(\$388,001.11)
TOTALS					\$5,111,330.99			\$4,524,945.67	(\$586,385.32)

WILLIAMSON COUNTY, TEXAS

6

Project # SE LOOP S1 P1

TABLE B: Contract Items (Continued)

				ORIGINAL + PREVIOUSLY REVISED		ADD or (DEDUCT)	NEW		
ITEM	DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	ITEM COST	QUANTITY	QUANTITY	ITEM COST	OVERRUN/ UNDERRUN
666-6048	REFL PAV MRK TY I (W) 24" (SLD)(100MIL)	LF	\$5.50	168.00	\$924.00	(116.00)	52.00	\$286.00	(\$638.00)
666-6054	REFL PAV MRK TY I (W)(ARROW)(100MIL)	EA	\$90.00	27.00	\$2,430.00	(14.00)	13.00	\$1,170.00	(\$1,260.00)
666-6078	REFL PAV MRK TY I (W)(WORD)(100MIL)	EA	\$110.00	17.00	\$1,870.00	(12.00)	5.00	\$550.00	(\$1,320.00)
666-6141	REFL PAV MRK TY I (Y) 12" (SLD)(100MIL)	LF	\$3.50	877.00	\$3,069.50	(580.00)	297.00	\$1,039.50	(\$2,030.00)
666-6156	REFL PAV MRK TY I (Y) (MED NOSE) (100MIL)	EA	\$175.00	3.00	\$525.00	(1.00)	2.00	\$350.00	(\$175.00)
666-6167	REFL PAV MRK TY II (W)4"(BRK)	LF	\$0.13	570.00	\$74.10	(570.00)	0.00	\$0.00	(\$74.10)
666-6170	REFL PAV MRK TY II (W)4"(SLD)	LF	\$0.11	22,616.00	\$2,487.76	(6,389.00)	16,227.00	\$1,784.97	(\$702.79)
666-6178	REFL PAV MRK TY II (W)8"(SLD)	LF	\$0.30	1,959.00	\$587.70	(1,418.00)	541.00	\$162.30	(\$425.40)
666-6180	REFL PAV MRK TY II (W)12"(SLD)	LF	\$1.10	160.00	\$176.00	(160.00)	0.00	\$0.00	(\$176.00)
666-6182	REFL PAV MRK TY II (W)24"(SLD)	LF	\$1.50	168.00	\$252.00	(116.00)	52.00	\$78.00	(\$174.00)
666-6184	REFL PAV MRK TY II (W)(ARROW)	EA	\$40.00	27.00	\$1,080.00	(14.00)	13.00	\$520.00	(\$560.00)
666-6192	REFL PAV MRK TY II (W)(WORD)	EA	\$45.00	17.00	\$765.00	(12.00)	5.00	\$225.00	(\$540.00)
666-6205	REFL PAV MRK TY II (Y)4"(BRK)	LF	\$0.13	3,260.00	\$423.80	(140.00)	3,120.00	\$405.60	(\$18.20)
666-6207	REFL PAV MRK TY II (Y)4"(SLD)	LF	\$0.11	24,863.00	\$2,734.93	(8,512.00)	16,351.00	\$1,798.61	(\$936.32)
666-6212	REFL PAV MRK TY II (Y)12"(SLD)	LF	\$1.10	877.00	\$964.70	(682.00)	195.00	\$214.50	(\$750.20)
666-6217	REFL PAV MRK TY II (Y)(MED NOSE)	EA	\$45.00	3.00	\$135.00	(1.00)	2.00	\$90.00	(\$45.00)
666-6300	RE PM W/RET REQ TY I (W) 4" (BRK)(100MIL)	LF	\$0.39	570.00	\$222.30	(570.00)	0.00	\$0.00	(\$222.30)
666-6303	RE PM W/RET REQ TY I (W) 4" (SLD)(100MIL)	LF	\$0.35	22,616.00	\$7,915.60	(6,389.00)	16,227.00	\$5,679.45	(\$2,236.15)
666-6312	RE PM W/RET REQ TY I (Y) 4" (BRK)(100MIL)	LF	\$0.39	3,260.00	\$1,271.40	(140.00)	3,120.00	\$1,216.80	(\$54.60)
666-6315	RE PM W/RET REQ TY I (Y) 4" (SLD)(100MIL)	LF	\$0.35	24,863.00	\$8,702.05	(8,512.00)	16,351.00	\$5,722.85	(\$2,979.20)
672-6007	REFL PAV MRKR TY I-C	EA	\$4.00	117.00	\$468.00	(92.00)	25.00	\$100.00	(\$368.00)
672-6009	REFL PAV MRKR TY II-A-A	EA	\$3.00	961.00	\$2,883.00	(444.00)	517.00	\$1,551.00	(\$1,332.00)
677-6001	ELIM EXT PAV MRK & MRKS (4")	LF	\$0.50	14,458.00	\$7,229.00	(5,993.00)	8,465.00	\$4,232.50	(\$2,996.50)
677-6007	ELIM EXT PAV MRK & MRKS (24")	LF	\$3.00	31.00	\$93.00	(31.00)	0.00	\$0.00	(\$93.00)
3076-6001	D-GR HMA TY-B PG64-22	TON	\$72.00	10,011.00	\$720,792.00	(3,114.00)	6,897.00	\$496,584.00	(\$224,208.00)
3076-6038	D-GR HMA TY-D PG64-22 (LEVEL-UP)	TON	\$120.00	123.00	\$14,760.00	(66.00)	57.00	\$6,840.00	(\$7,920.00)
3076-6042	D-GR HMA TY-D SAC-B PG70-22	TON	\$90.00	5,769.00	\$519,210.00	(1,705.00)	4,064.00	\$365,760.00	(\$153,450.00)
3076-6066	TACK COAT	GAL	\$2.50	2,861.00	\$7,152.50	(433.00)	2,428.00	\$6,070.00	(\$1,082.50)
5001-6002	GEOGRID BASE REINFORCEMENT (TY II)	SY	\$1.78	33,808.00	\$60,178.24	(2,672.00)	31,136.00	\$55,422.08	(\$4,756.16)
6001-6002	PORTABLE CHANGEABLE MESSAGE SIGN	EA	\$2,151.59	2.00	\$4,303.18	(2.00)	0.00	\$0.00	(\$4,303.18)
6049-6001	LONG CHANNEL MOUNT CURB SYS (INSTALL)	LF	\$85.00	125.00	\$10,625.00	(125.00)	0.00	\$0.00	(\$10,625.00)
6049-6003	LONG CHANNEL MOUNT CURB SYS (REMOVE)	LF	\$25.00	125.00	\$3,125.00	(125.00)	0.00	\$0.00	(\$3,125.00)
The "Totals" from Table B of the previous work sheet:					\$5,111,330.99			\$4,524,945.67	(\$586,385.32)
TOTALS					\$6,498,760.75			\$5,482,798.83	(\$1,015,961.92)

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

**SE Loop Seg 1 Ph 1
Williamson County Project No. T3346**

Change Order No. 6

Reason for Change

Due to the existing utility conflicts impeding the remaining construction of this project, this Change Order will remove all remaining work contained in Phases 2 through 4 from the project.

This Change Order results in a net decrease of \$1,015,961.92 to the Contract amount, for an adjusted Contract total of \$12,160,165.73. The original Contract amount was \$11,526,789.09. As a result of this and all Change Orders to-date, \$633,376.64 has been added from the Contract, resulting in a 5.49% net increase in the Contract cost.

HNTB Corporation

Oscar Salazar-Bueno, P.E.



Alexander Krejchi
Project Manager
James Construction
5880 West Highway 190
Belton, TX 76513
RE: T3346_SE Loop Ph 1 - Project Limits Adjustments

May 16, 2023

Dear Alex,

This letter confirms Williamson County's decision to modify the limits of construction for the subject project. This change will remove the portions of the work that cannot currently be constructed due to utility conflicts. A change order will be prepared showing the new limits of construction and the quantities of work being removed from the contract. JCG must complete the remaining work within the new limits in accordance with the contract requirements.

Please submit an updated schedule showing the remaining work to be performed and estimated completion date. Should you have any questions, please do not hesitate to call me at (737) 237-3581.

Best regards,

A handwritten signature in blue ink, appearing to read "Oscar Salazar-Bueno".

Oscar Salazar-Bueno, P.E.
Sr. Resident Engineer
Williamson County Road Bond Program

See plan sheets with comments below.

As discussed in the meeting with JCG and HNTB, the new western limit of the project will be 1129+00 with exception to the remaining drainage items.

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5/26/2023

cc: Robert B. Daigh, PE, Sr. Director of Infrastructure Williamson County
Russ Boles, Williamson County Commissioner Precinct 4
Christen Eschberger, PE WilCo Road Bond Program Director

Revised earthwork
qty's, per RFI #16 and
Change Order #5.

ROADWAY SUMMARY																					
PLAN & PROFILE SHEET	100 6002	104 6022	105 6088	106 6002	110 6001	132 6006	247 6044	260 6011	260 6043	310 6001	316 6002	316 6413	351 6002	354 6022	432 6001	432 6002	432 6045	496 6002	496 6003	496 6004	496 6007
	PREPARING ROW	REMOVING CONC (CURB AND GUTTER)	REMOVING STAB BASE AND ASPH PAVE (0"-5")	OBLITER -ATING ABANDONED ROAD	EXCAVATION (ROADWAY)	EMBANKMENT (FINAL) (DENS CONT) (TY C)	FLEX BASE (CMP IN PLC) (TY A GR 4) (FINL POS)	LIME TREAT (EXST MATL) (12")	LIME (HYD, COM OR QK) (SLURRY)	PRIME COAT (MULTI OPTION)	AGGR (MULTI OPTION)	ASPH (AC-15P, HFRS-2P OR CRS-2P)	FLEXIBLE PAVEMENT STRUCTURE REPAIR (6")	PLANE ASPH CONC PAV (0-3")	RIPRAP (CONC) (4 IN)	RIPRAP (CONC) (5 IN)	RIPRAP (MOW STRIP) (4 IN)	REMOV STR (INLET)	REMOV STR (MANHOLE)	REMOV STR (SET)	REMOV STR (PIPE)
	STA	LF	SY	SY	CY	CY	CY	SY	TON	GAL	CY	GAL	SY	SY	CY	CY	CY	EA	EA	EA	LF
EBFR																					
1 OF 19	2.5	234			67	128	134	461	12	92	4	163	285*	1,533						2	28
2 OF 19	5.5				749	161	371	1,272	34	254	10	460	335*	979					4	39	
3 OF 19	5.5				365	79	70	239	6	48	2	82	267*	541							
4 OF 19	5.5				92	58					1	49	252*	241							
5 OF 19	5.5				836	1,089					23	1,015									47
6 OF 19	5.5		421	421	1,205	1,248	612	2,090	56	396	23	946						1			137
7 OF 19	5.5		2,004	2,004	2125	190	883	2,747	74	513	23	928				10	6				
8 OF 19	5.5				9213	547	884	2,750	74	513	23	929				22	10				
9 OF 19	5.5				87	10795	882	2,745	74	512	23	927					14				
10 OF 19	5.5				2243	1547	884	2,750	74	513	23	929					11				
11 OF 19	5.5				1048	904	854	2,649	72	471	22	876					6				
12 OF 19	5.5				2792	122	833	2,577	70	442	21	839									
13 OF 19	5.5				4728	69	833	2,577	70	442	21	839									
14 OF 19	5.5				1259	8386	689	2,127	57	365	18	693			0.25		23				
15 OF 19	5.5														0.25		1				
16 OF 19	5.5				994	16843	1,000	3,156	85	631	26	1,060					17				
17 OF 19	5.5				2290	2448	829	2,564	69	513	21	835					17				
18 OF 19	5.5				142	12597	465	1,447	39	289	12	471			0.50		19				
19 OF 19	0.8				119	54	116	399	11	80	3	135									
EBFR TOTALS	96.8	234	2,425	2,425	30,354	57,265	10,339	32,550	877	6,074	299	12,176	1,139	3,294	1.00	32	124	0	1	6	251

Qty's carry over
to next sheet.

2

ROADWAY SUMMARY																		
PLAN & PROFILE SHEET	512 6001	529 6008	529 6038	530 6005	531 6002	531 6010	540 6001	540 6006	540 6016	544 6001	560 6001	3076 6001	3076 6038	3076 6042	3076 6066	5001 6002	6049 6001	6049 6003
	PORT CTB (FUR & INST) (SGL SLOPE) (TY 1)	CONC CURB & GUTTER (TY II)	CONC CURB (RIBBON)	DRIVEWAYS (ACP)	CONC SIDEWALKS (5")	CURB RAMPS (TY 7)	MTL W-BEAM GD FEN (TIM POST)	MTL BEAM GD FEN TRANS (THRIE-BEAM)	DOWNSTREAM ANCHOR TERMINAL SECTION	GUARD RAIL END TREATMENT (INSTALL)	MAILBOX INSTALL-S (TWG-POST) TY 1	D-GR HMA TY-B PG64-22	D-GR HMA TY-D PG64-22 (LEVEL-UP)	D-GR HMA TY-D SAC-B PG70-22	TACK COAT	GEOGRID BASE REINFORCE- MENT (TY II)	LONG CHANNEL MOUNT CURB SYS (INSTALL)	LONG CHANNEL MOUNT CURB SYS (REMOVE)
	LF	LF	LF	SY	SY	EA	LF	EA	EA	EA	EA	TON	TON	TON	GAL	SY	LF	LF
EBFR																		
1 OF 19												86	15	467	32	461	125	125
2 OF 19				113							3	244	19	47	92	1,272		
3 OF 19				68								43	16	411	15	239		
4 OF 19												113	16	378	10			
5 OF 19												2,328		307	214			
6 OF 19		318			18	2						928		286	199	2,090		
7 OF 19		550			612		225		1			491		281	195	2,747		
8 OF 19		515			520	2	25	1		1		492		281	196	2,750		
9 OF 19		1,073			612							491		281	195	2,745		
10 OF 19		972			612	2	25	1		1		492		281	196	2,750		
11 OF 19		1,103			610							464		265	184	2,649		
12 OF 19		1,104			610	1						444		254	177	2,577		
13 OF 19		1,104			610							444		254	177	2,577		
14 OF 19		912			535		100	3		3		367		210	146	2,127		
15 OF 19																		
16 OF 19	450	1,056			631		100	3		3		561		321	223	3,156		
17 OF 19		1,099			626		25	1		1		442		253	176	2,564		
18 OF 19		620			390		150	4		4		250		143	99	1,447		
19 OF 19		102	94		90							70		40	28	399		
EBFR TOTALS	450	10,528	94	181	6476	6	650	13	2	13	3	8,750	66	4,760	2,554	32,550	125	125

*351 6002 & 3076 6038 (LEVEL-UP) TO BE
USED AS DIRECTED BY THE ENGINEER

2	UPDATED EARTHWORK QUANTITIES	DK	3/2022
1	SOUTHGATE/STAR RANCH/COVER BDG	DK	6/2021
NO.	REVISION	BY	DATE



RTG RODRIGUEZ
TRANSPORTATION
GROUP
FIRM #587

SE LOOP SEGMENT 1 PHASE 1
SUMMARY OF
ROADWAY

SHEET 1 OF 2

DESIGNED:	PROJECT NUMBER		ROADWAY	
CHECKED:			SE LOOP	
DRAWN:	STATE	COUNTY	CITY	SHEET No.
CHECKED:	TEXAS	WILLIAMSON		15

100% SUBMITTAL

Qty's from previous sheet.
30,354 & 57,265

ROADWAY SUMMARY																						
PLAN & PROFILE SHEET	100 6002	104 6022	105 6088	106 6002	110 6001	132 6006	247 6044	260 6011	260 6043	310 6001	316 6002	316 6413	351 6002	354 6022	432 6001	432 6002	432 6045	496 6002	496 6003	496 6004	496 6007	
	PREPARING ROW	REMOVING CONC (CURB AND GUTTER)	REMOVING STAB BASE AND ASPH PAVE (0"-5")	OBLITER-ATING ABANDONED ROAD	EXCAVATION (ROADWAY)	EMBANKMENT (FINAL) (DENS CONT) (TY C)	FLEX BASE (CMP IN PLC) (TY A GR 4) (FINL POS)	LIME TREAT (EXST MATL) (12")	LIME (HYD, COM OR QK) (SLURRY)	PRIME COAT (MULTI OPTION)	AGGR (MULTI OPTION)	ASPH (AC-15P, HFRS-2P OR CRS-2P)	FLEXIBLE PAVEMENT STRUCTURE REPAIR (6")	PLANE ASPH CONC PAV (0-3")	RIPRAP (CONC) (4 IN)	RIPRAP (CONC) (5 IN)	RIPRAP (MOW STRIP) (4 IN)	REMOV STR (INLET)	REMOV STR (MANHOLE)	REMOV STR (SET)	REMOV STR (PIPE)	
	STA	LF	SY	SY	CY	CY	CY	SY	TON	GAL	CY	GAL	SY	SY	CY	CY	CY	EA	EA	EA	LF	
STAR_1																						
1 OF 1					1670	38	671	1,725	41	345	14	656										
STAR_2																						
1 OF 1					643	3	315	810	19	162	7	308										
CR 137																						
1 OF 3	1.9				33	5	40	138	4	28	1	45	66 *	219								
2 OF 3	5.5				303	71	231	791	21	158	6	281	195 *									
3 OF 3	3.6				156	14	96	329	9	66	2	110	128 *	216								
DANA DRIVE																						
1 OF 1		491			971													2			31	
OLD CR 138																						
1 OF 1					719	69	757	1,947	46	389	16	740										
CHURCH																						
1 OF 1					250	250	302	1,036	28	207	9	394				4						
SOUTHGATE																						
1 OF 2					299	294	206				2	30										
2 OF 2					88	135	215															
SIDE TOTALS	11.0	491			5,132	879	2,833	6,776	168	1,355	57	2,564	389 *	435	0.00	4		2			31	
PROJECT TOTALS	107.8	725	2,425	2,425	35,486	58,144	13,172	39,326	1,045	7,429	356	14,740	1,528 *	3,729	1.00	36	124	2	1	6	282	

Totals including previous sheet.

Revised earthwork
qty's, per RFI #16 and
Change Order #5.

ROADWAY SUMMARY																		
PLAN & PROFILE SHEET	512 6001	529 6008	529 6038	530 6005	531 6002	531 6010	540 6001	540 6006	540 6016	544 6001	560 6001	3076 6001	3076 6038	3076 6042	3076 6066	5001 6002	6049 6001	6049 6003
	PORT CTB (FUR & INST) (SGL SLOPE) (TY 1)	CONC CURB & GUTTER (TY II)	CONC CURB (RIBBON)	DRIVEWAYS (ACP)	CONC SIDEWALKS (5")	CURB RAMPS (TY 7)	MTL W-BEAM GD FEN (TIM POST)	MTL BEAM GD FEN TRANS (THRIE-BEAM)	DOWNSTREAM ANCHOR TERMINAL SECTION	GUARD RAIL END TREATMENT (INSTALL)	MAILBOX INSTALL-S (TWG-POST) TY 1	D-GR HMA TY-B PG64-22	D-GR HMA TY-D PG64-22 (LEVEL-UP)	D-GR HMA TY-D SAC-B PG70-22	TACK COAT	GEOGRID BASE REINFORCE-MENT (TY II)	LONG CHANNEL MOUNT CURB SYS (INSTALL)	LONG CHANNEL MOUNT CURB SYS (REMOVE)
	LF	LF	LF	SY	SY	EA	LF	EA	EA	EA	EA	TON	TON	TON	GAL	SY	LF	LF
STAR_1																		
1 OF 1			943									279		160	111			
STAR_2																		
1 OF 1			456									132		76	53			
CR 137																		
1 OF 3												24		98	8	138		
2 OF 3												149	57	381	55	791		
3 OF 3												58		206	20	329		
DANA DRIVE																		
1 OF 1												588		72	50			
OLD CR 138																		
1 OF 1		0	417	81								369		211	147			
CHURCH																		
1 OF 1		251	329									251		143	159	1,496		
SOUTHGATE																		
1 OF 2			99															
2 OF 2																		
SIDE TOTALS		251	2,244	81								1,850	57	1,347	602	2,754		
PROJECT TOTALS	450	10,779	2,338	262	6,476	6	650	13	2	13	3	10,600	123	6,107	3,156	35,304	125	125

810.0 10,907.0 516.0

4

10,011

5,769.0

2,861.0

33,808

351 6002 & 3076 6038 (LEVEL-UP) TO BE
USED AS DIRECTED BY THE ENGINEER

2	UPDATED EARTHWORK QUANTITIES	DK	3/2022
1	SOUTHGATE/STAR RANCH/COVER BDG	DK	6/2021
NO.	REVISION	BY	DATE



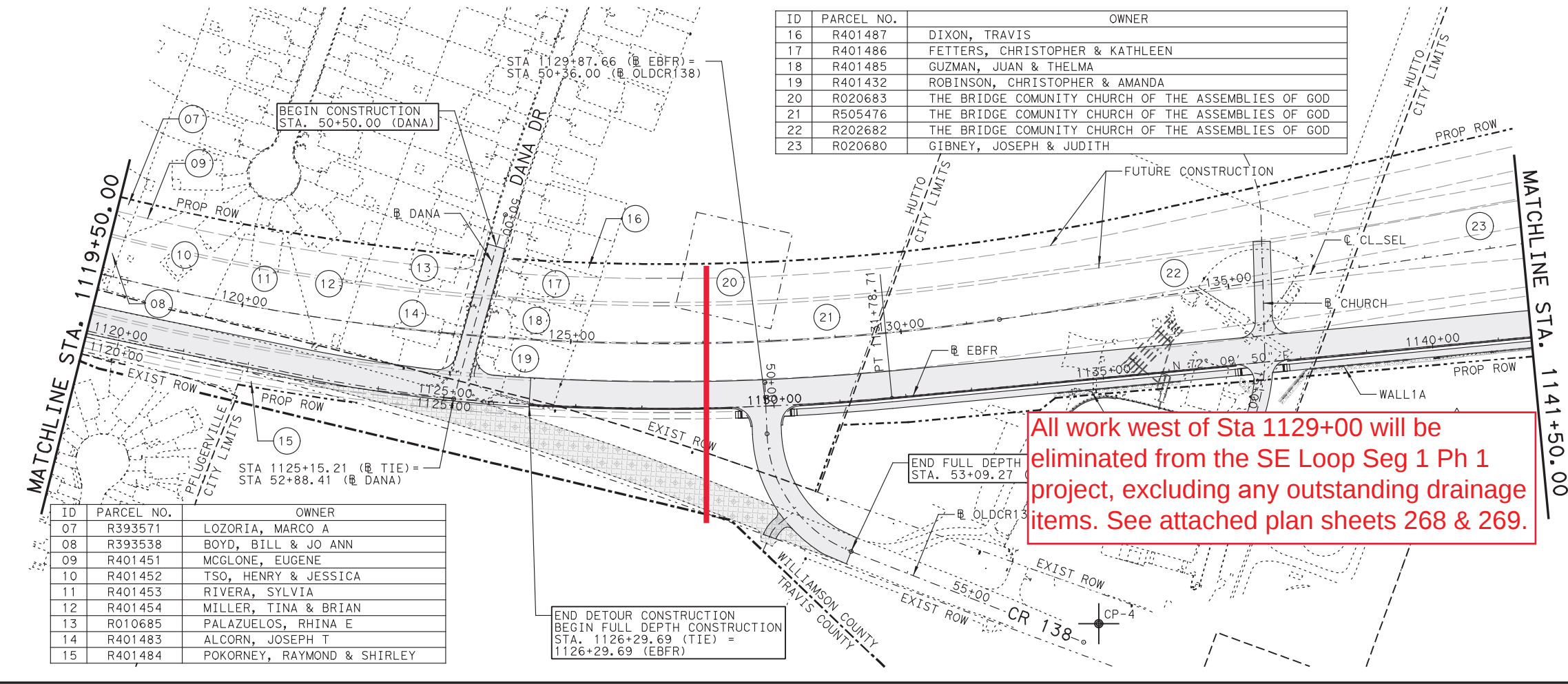
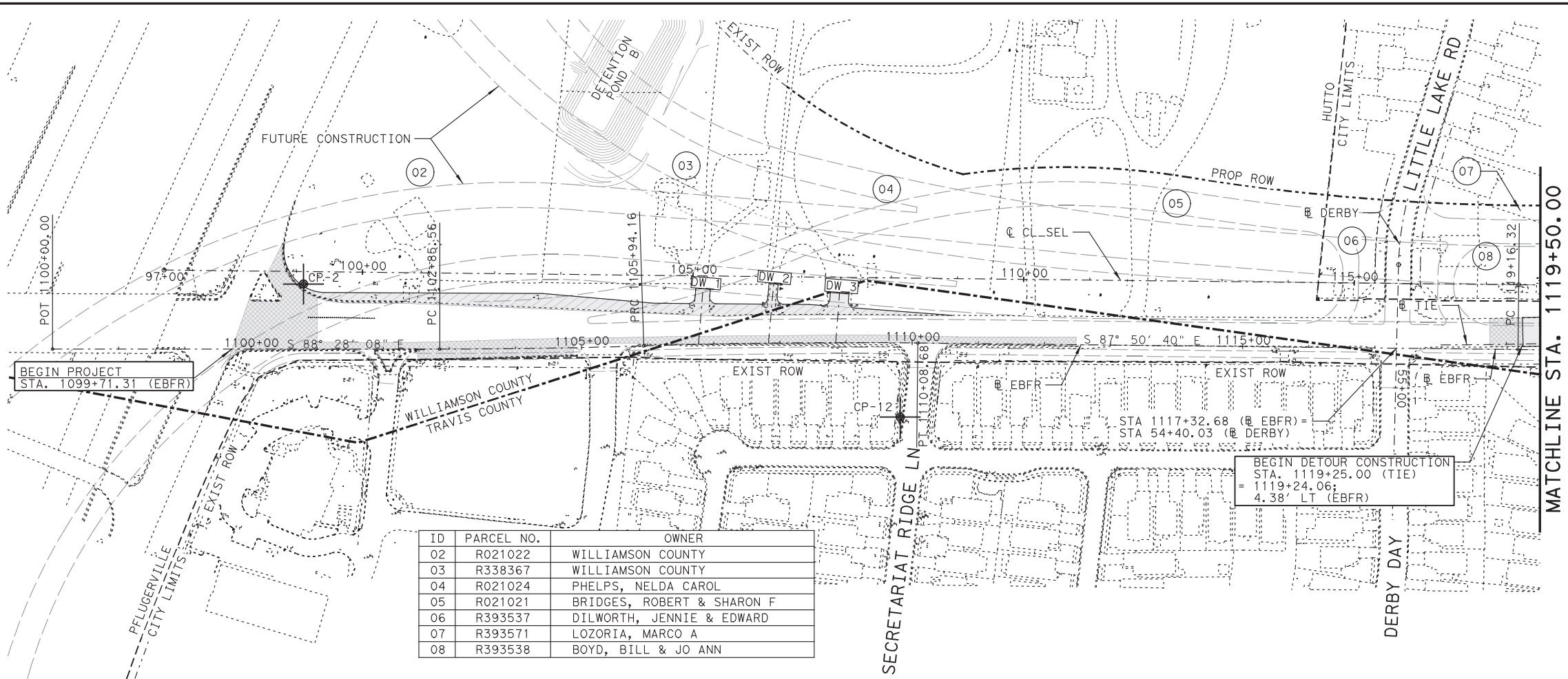
RTG RODRIGUEZ
TRANSPORTATION
GROUP

FIRM #587

SE LOOP SEGMENT 1 PHASE 1
SUMMARY OF
ROADWAY

SHEET 2 OF 2

DESIGNED:	PROJECT NUMBER		ROADWAY	
CHECKED:			SE LOOP	
DRAWN:	STATE	COUNTY	CITY	SHEET No.
CHECKED:	TEXAS	WILLIAMSON		15A



0 100 200
SCALE: 1" = 200'

LEGEND

- PLANE ASPH SURF (0-3")
- WIDENING
- REMOVE
- PROPOSED CONSTRUCTION
- SURVEY CONTROL POINT (SEE NOTE 1)

NOTES:

- REFER TO SURVEY CONTROL DATA SHEETS FOR PROJECT CONTROL POINT LOCATIONS AND H/V CONTROL REFERENCE.
- REFER TO HORIZONTAL ALIGNMENT DATA SHEETS FOR MORE INFORMATION.
- COUNTY LINES AND CITY LIMITS SHOWN ON THE PROJECT LAYOUTS, AND ELSEWHERE IN THE PLANS, ARE APPROXIMATE AND ARE BASED ON OPEN DATA TAKEN FROM TRAVIS AND WILLIAMSON COUNTY'S GIS WEBSITES.

1 ADDENDUM NO. 2 DK 3/2021
NO. REVISION BY DATE

STATE OF TEXAS
DAVID W. KRIZAN
66414
REGISTERED PROFESSIONAL ENGINEER
3/15/2021

WILLIAMSON COUNTY
1848

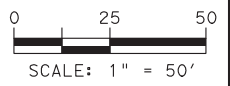
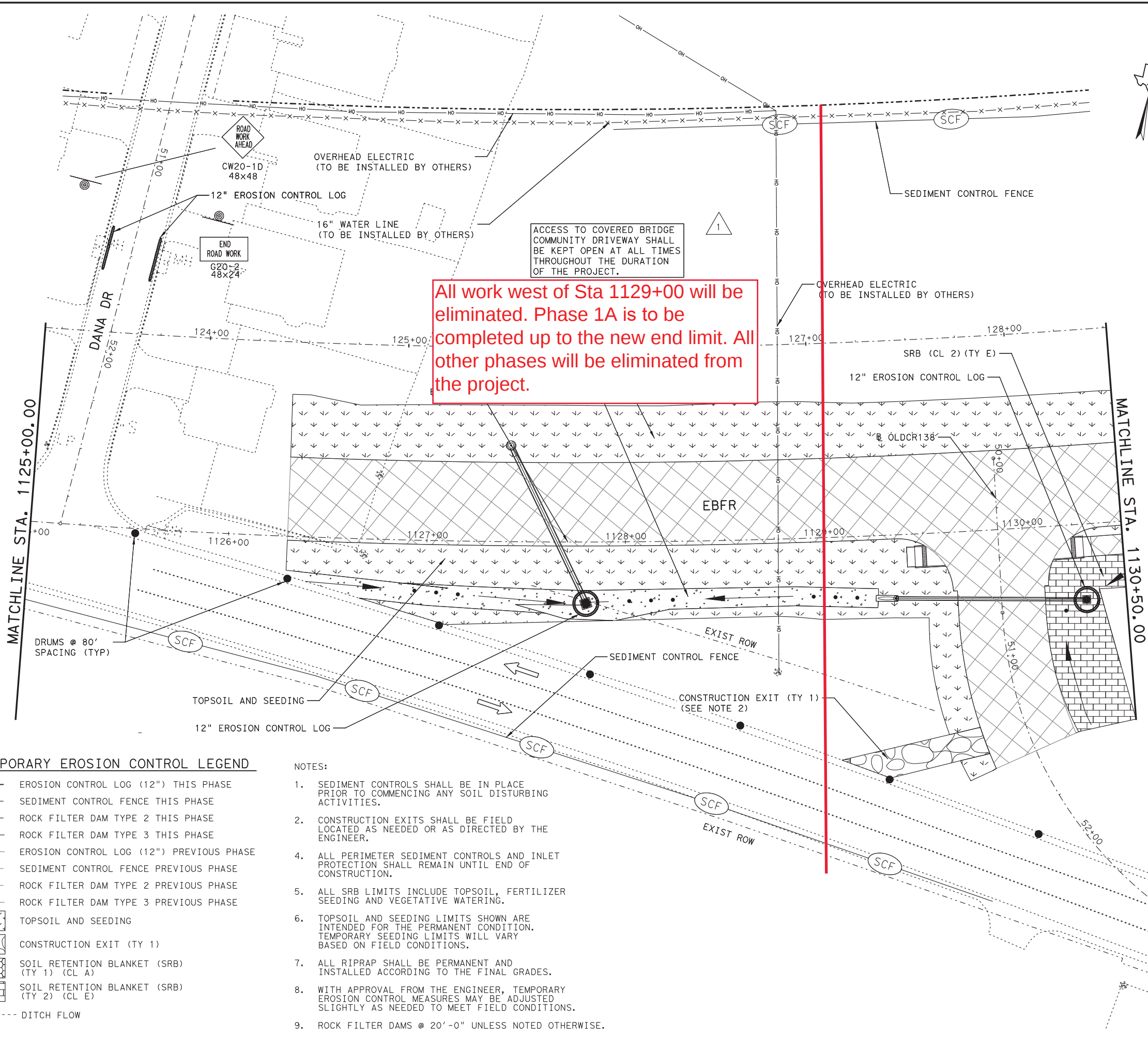
RTG RODRIGUEZ TRANSPORTATION GROUP
FIRM #587

SE LOOP SEGMENT 1 PHASE 1 PROJECT LAYOUT

SHEET 1 OF 3

DESIGNED:	PROJECT NUMBER	ROADWAY
CHECKED:		SE LOOP
DRAWN:	STATE	COUNTY
CHECKED:	TEXAS	WILLIAMSON

3



WRK ZN STRIPING LEGEND

SYMBOL	ITEM DESCRIPTION	UNIT
(A)	WK ZN PAV MRK NON-REMOV (W) 4" (SLD)	LF
(B)	WK ZN PAV MRK NON-REMOV (W) 8" (SLD)	LF
(C)	WK ZN PAV MRK NON-REMOV (W) 24" (SLD)	LF
(D)	WK ZN PAV MRK NON-REMOV (Y) 4" (SLD)	LF
(E)	WK ZN PAV MRK REMOV (REFL) TY II-A-A	EA
(F)	ELIM EXT PAV MRK & MRKS (4")	LF
(G)	ELIM EXT PAV MRK & MRKS (8")	LF
(H)	ELIM EXT PAV MRK & MRKS (24")	LF

TCP LEGEND

- PAVEMENT CONSTRUCTION THIS PHASE
- BRIDGE CONSTRUCTION THIS PHASE
- TEMPORARY PAVEMENT THIS PHASE
- CONSTRUCTION PREVIOUS PHASE
- CONSTRUCTION WARNING SIGN
- TYPE III BARRICADE
- CONSTRUCTION WARNING SIGN PREVIOUS PHASE
- STRIPING PREVIOUS PHASE
- DIRECTION OF TRAFFIC FLOW

TEMPORARY EROSION CONTROL LEGEND

- EROSION CONTROL LOG (12") THIS PHASE
- SEDIMENT CONTROL FENCE THIS PHASE
- ROCK FILTER DAM TYPE 2 THIS PHASE
- ROCK FILTER DAM TYPE 3 THIS PHASE
- EROSION CONTROL LOG (12") PREVIOUS PHASE
- SEDIMENT CONTROL FENCE PREVIOUS PHASE
- ROCK FILTER DAM TYPE 2 PREVIOUS PHASE
- ROCK FILTER DAM TYPE 3 PREVIOUS PHASE
- TOPSOIL AND SEEDING
- CONSTRUCTION EXIT (TY 1)
- SOIL RETENTION BLANKET (SRB) (TY 1) (CL A)
- SOIL RETENTION BLANKET (SRB) (TY 2) (CL E)
- DITCH FLOW

NOTES:

- SEDIMENT CONTROLS SHALL BE IN PLACE PRIOR TO COMMENCING ANY SOIL DISTURBING ACTIVITIES.
- CONSTRUCTION EXITS SHALL BE FIELD LOCATED AS NEEDED OR AS DIRECTED BY THE ENGINEER.
- ALL PERIMETER SEDIMENT CONTROLS AND INLET PROTECTION SHALL REMAIN UNTIL END OF CONSTRUCTION.
- ALL SRB LIMITS INCLUDE TOPSOIL, FERTILIZER SEEDING AND VEGETATIVE WATERING.
- TOPSOIL AND SEEDING LIMITS SHOWN ARE INTENDED FOR THE PERMANENT CONDITION. TEMPORARY SEEDING LIMITS WILL VARY BASED ON FIELD CONDITIONS.
- ALL RIPRAP SHALL BE PERMANENT AND INSTALLED ACCORDING TO THE FINAL GRADES.
- WITH APPROVAL FROM THE ENGINEER, TEMPORARY EROSION CONTROL MEASURES MAY BE ADJUSTED SLIGHTLY AS NEEDED TO MEET FIELD CONDITIONS.
- ROCK FILTER DAMS @ 20'-0" UNLESS NOTED OTHERWISE.

All work west of Sta 1129+00 will be eliminated. Phase 1A is to be completed up to the new end limit. All other phases will be eliminated from the project.

1		ADDENDUM NO. 2		RP	3/2021
NO.	REVISION			BY	DATE

RODRIGUEZ TRANSPORTATION GROUP
FIRM #587

SE LOOP SEGMENT 1 PHASE 1
TRAFFIC CONTROL PLAN
PHASE 1A

SHEET 6 OF 21

DESIGNED:	PROJECT NUMBER		ROADWAY	
CHECKED:			SE LOOP	
DRAWN:	STATE	COUNTY	CITY	SHEET No.
CHECKED:	TEXAS	WILLIAMSON		34

FROM STA 1119+25 TO STA 1126+29.69,
CONTROL ALIGNMENT IS 'TIE'. ALIGNMENT
'TIE' TRANSITIONS FROM EXISTING PAVEMENT
(MILL/OVERLAY) TO PROPOSED EBFR.

All work west of Sta 1129+00 will be
eliminated from the project.

JCG will place the Type D HMAC for the
DNT Driveway (northern CR 138
turnaround), and everything east along SE
Loop. The final lift of HMAC for CR 138
turnaround (south of EBFR) will be
eliminated.

0 25 50
SCALE: 1" = 50' (H)
SCALE: 1" = 10' (V)

LEGEND

- EXISTING ROW
- PROPOSED ROW
- CONSTRUCTION LIMITS
- RETAINING WALL
- PROPOSED DRAINAGE
- EXISTING PLANIMETRICS
- EXISTING UTILITIES
- XXXX-# ALIGNMENT CURVE NAME
- XXXX MISCELLANEOUS CURVE DATA
- DWN6 DRIVEWAY NUMBER
- PROPOSED CONSTRUCTION
- PLANE ASPH SURF (0-3")
- PROPOSED WIDENING
- RIPRAP/MOW STRIP

NOTES:

1. REFER TO HORIZONTAL ALIGNMENT DATA SHEETS FOR CURVE DATA AND ADDITIONAL INFO.
2. REFER TO DRAINAGE PLANS FOR ADDITIONAL INFO.
3. ALL DIMENSIONS ARE TO THE FACE OF CURB OR NOMINAL FACE OF RAIL, UNLESS NOTED OTHERWISE.
4. REFER TO TABLE OF CROSS SLOPE SHEETS FOR CROSS SLOPES AND ADDITIONAL INFO.
5. SAWCUT SET AT EXISTING LIP OF GUTTER OR 1' OFFSET FROM EXISTING EDGE OF PAVEMENT, WHICHEVER IS GREATER. PAYMENT SHALL BE SUBSIDIARY TO THE VARIOUS BID ITEMS.
6. THE CONTRACTOR SHALL LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION.

NO.	REVISION	BY	DATE
1	ADDED COVERED BRIDGE ACCESS	DK	6/2021



RTG RODRIGUEZ
TRANSPORTATION
GROUP
FIRM #587

**SE LOOP SEGMENT 1 PHASE 1
PLAN & PROFILE
FRONTAGE ROAD
EASTBOUND
STA. 1125+00-STA. 1130+50**

SHEET 6 OF 19

DESIGNED:	PROJECT NUMBER	ROADWAY
CHECKED:		SE LOOP
DRAWN:	STATE	COUNTY
CHECKED:	TEXAS	WILLIAMSON
		CITY
		SHEET NO.
		143

740

730

720

710

700

740

730

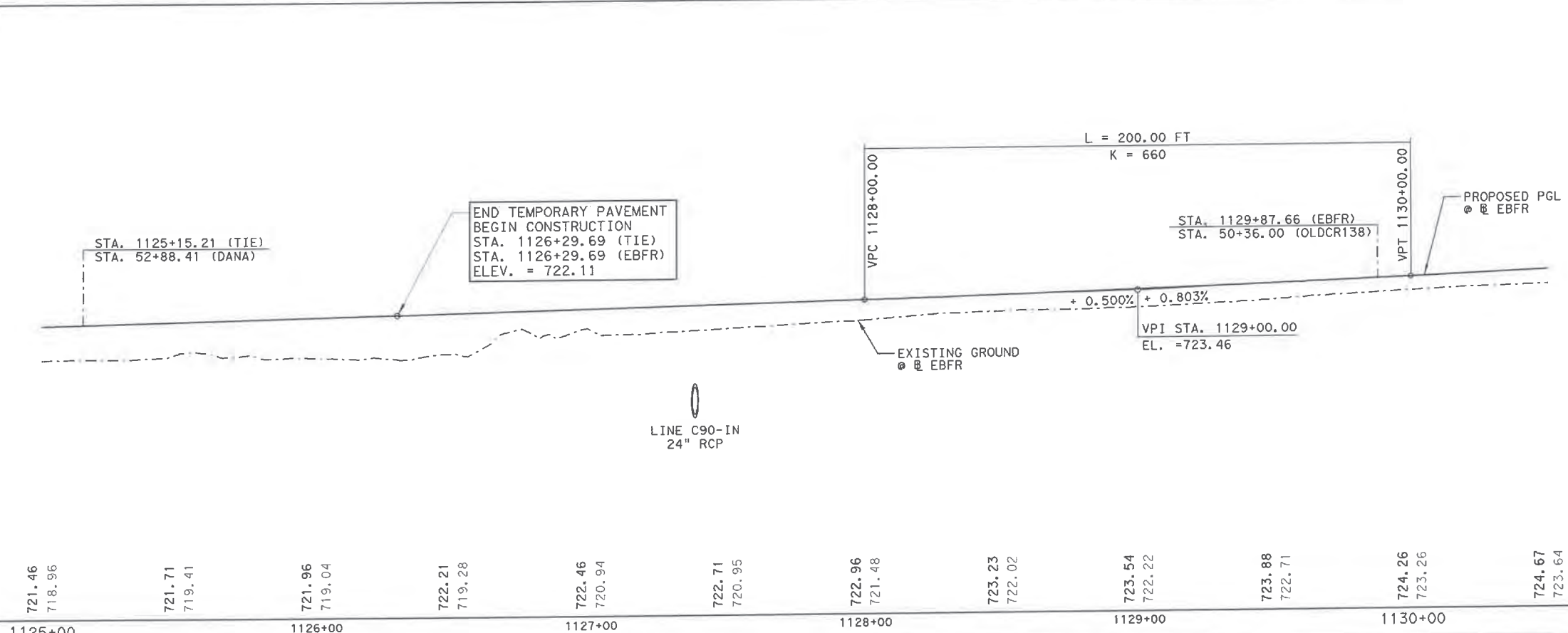
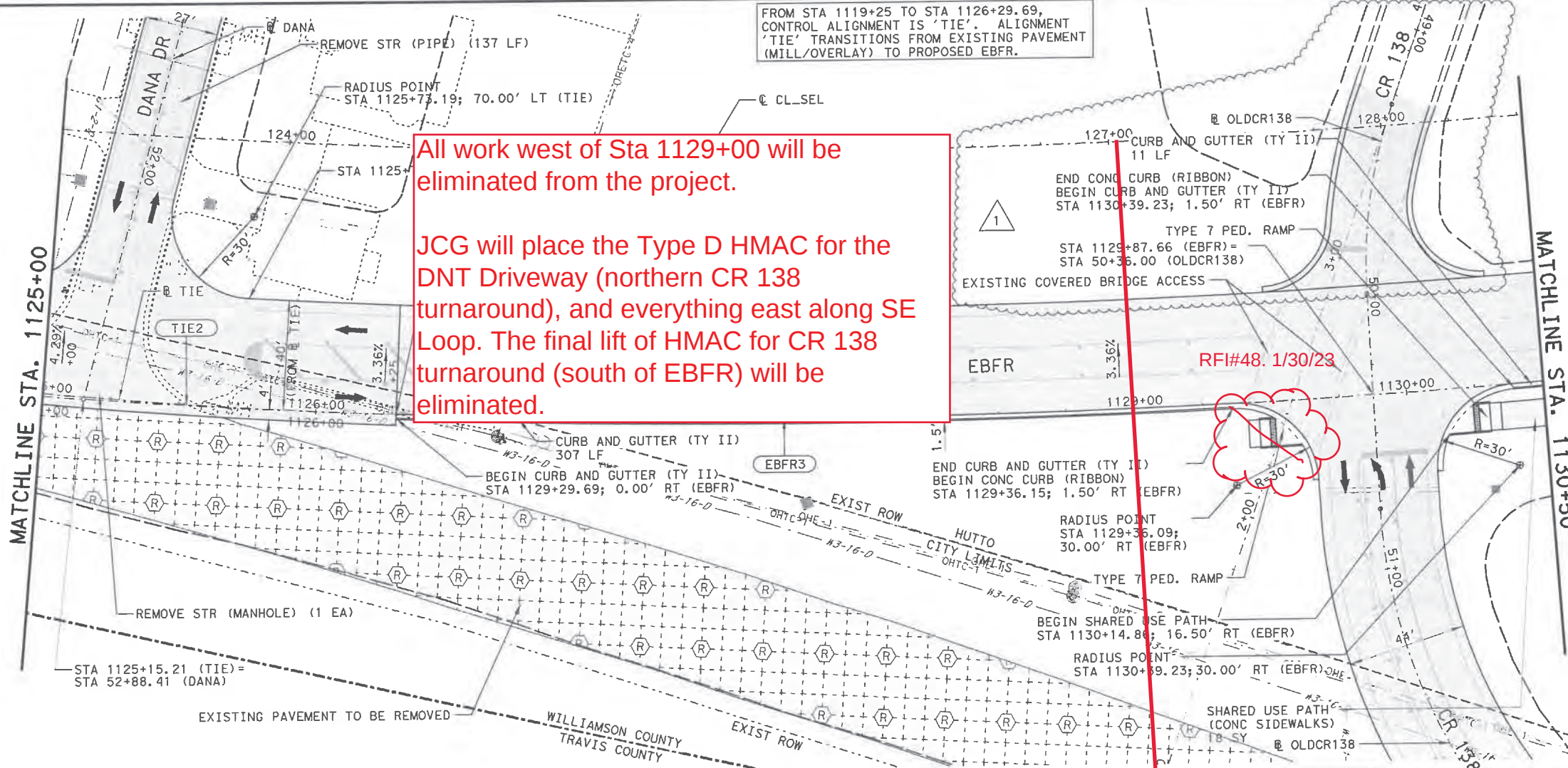
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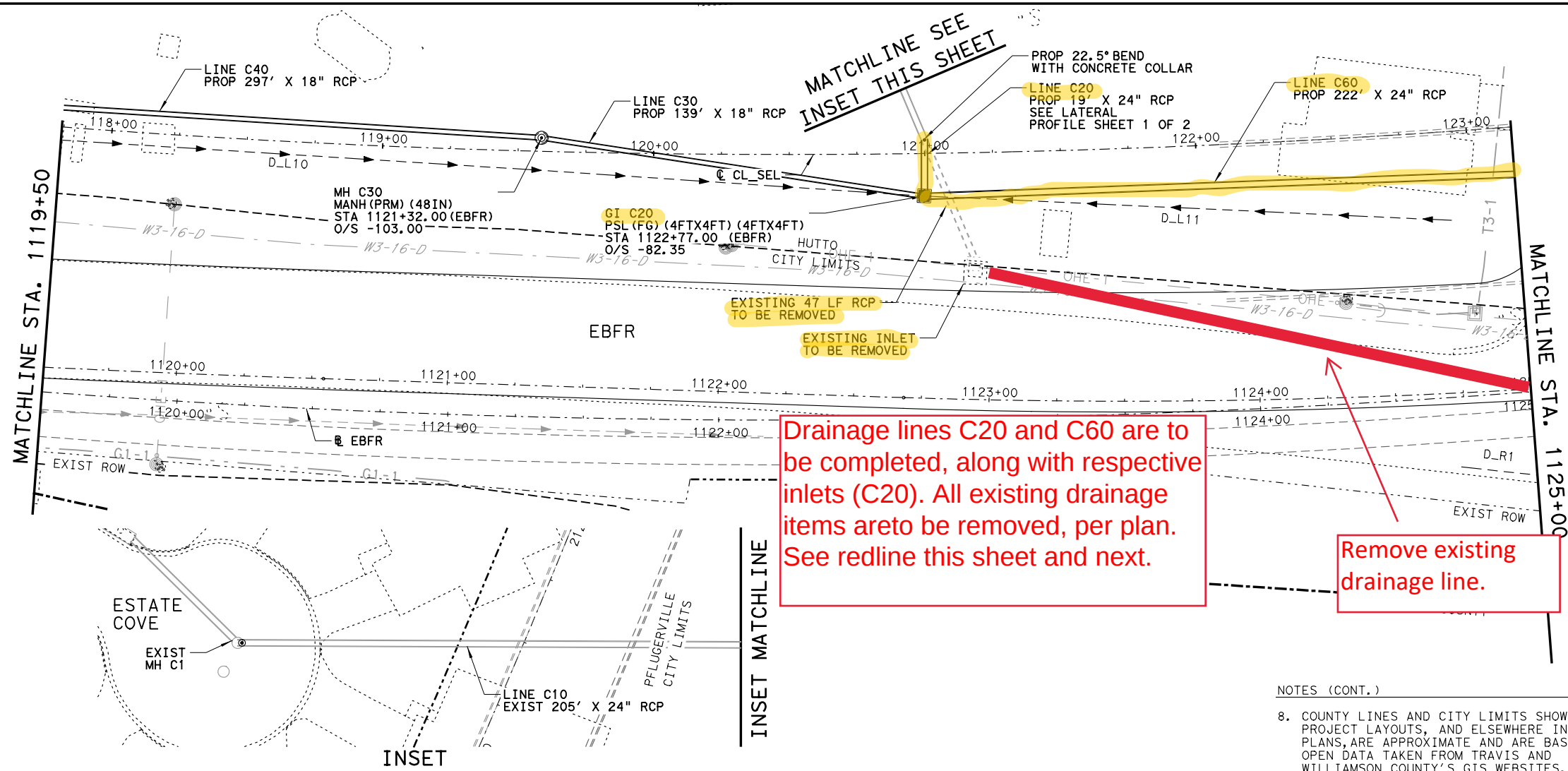
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700

MATCHLINE STA. 1125+00

MATCHLINE STA. 1130+50



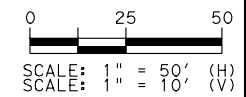


MATCHLINE SEE
INSET THIS SHEET

Drainage lines C20 and C60 are to be completed, along with respective inlets (C20). All existing drainage items are to be removed, per plan. See redline this sheet and next.

Remove existing drainage line.

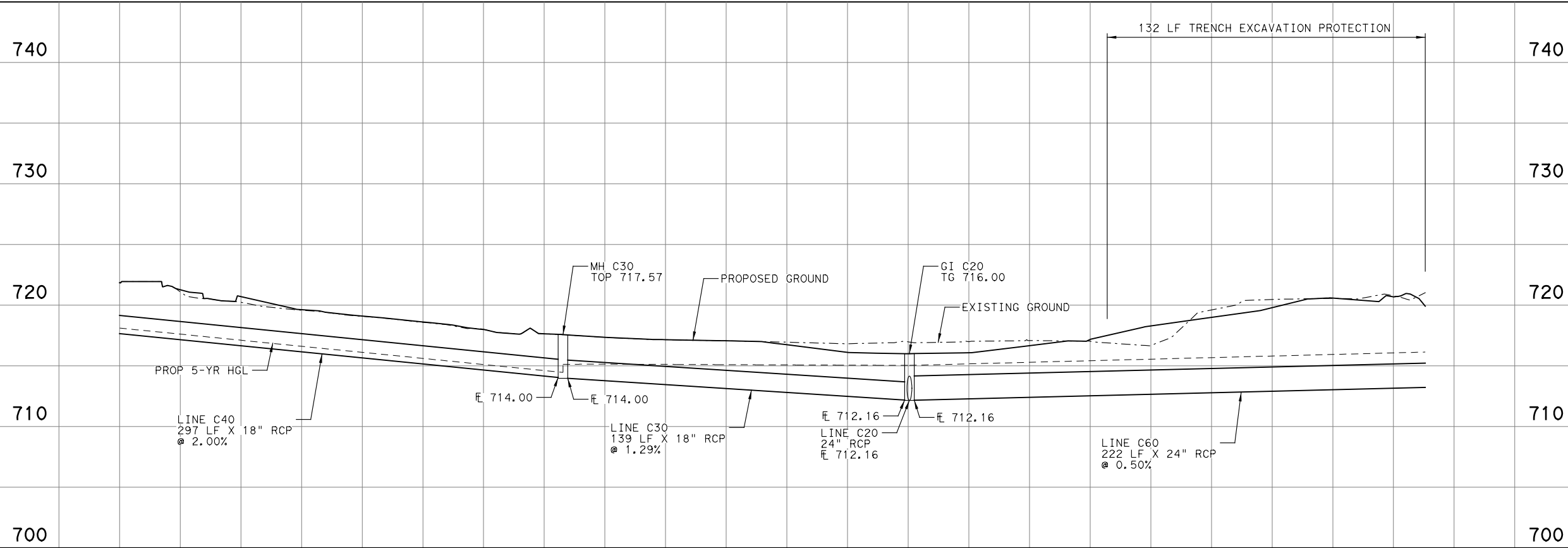
NOTES (CONT.)
8. COUNTY LINES AND CITY LIMITS SHOWN ON THE PROJECT LAYOUTS, AND ELSEWHERE IN THE PLANS, ARE APPROXIMATE AND ARE BASED ON OPEN DATA TAKEN FROM TRAVIS AND WILLIAMSON COUNTY'S GIS WEBSITES.



LEGEND

- D_XX_XX
- DITCH FLOWLINE & ID
- PROP STORM SEWER
- CURB INLET (TY PCO)
- CURB & GRATE INLET (TY PCU)
- AREA ZONE DRAIN (TY PAZD)
- DROP INLET (TY PSL FG)
- BARRIER DRAIN (TY PMBD)
- GRATE INLET (TY PSL SFG)
- OVERPASS DRAIN (TY POD)
- MANHOLE (TY PRM)
- MANHOLE (TY PSL RC)
- DECK DRAIN
- SAFETY END TREATMENT
- FLUME (CRR)
- RIPRAP (CONC)
- RIPRAP (STONE)
- GABIONS

- NOTES
1. UTILITIES INFORMATION PROVIDED BY OTHERS. ALL UTILITIES MUST BE FIELD VERIFIED BEFORE CONSTRUCTION.
 2. GUTTER ELEVATION IS THEORETICAL. ACTUAL GUTTER IS DEPRESSED AT INLETS.
 3. OFFSET IS TO LG FOR CURB INLETS, CENTER OF GRATE FOR GRATE INLETS, WORKING POINT FOR SETS.
 4. TG=TOP OF GRATE, LG=LIP OF GUTTER, TOP=TOP OF MH, FLM=FLUME GRATE.
 5. ALL GRATE INLETS SHALL USE EXTRA OPEN AREA GRATES.
 6. DITCHES TO BE CONSTRUCTED BASED ON CROSS-SECTIONS.
 7. IN LOCATIONS WHERE DITCHES ARE NOT SHOWN IN THE CROSS-SECTIONS, SUPPLEMENTAL INFORMATION HAS BEEN PROVIDED IN PLAN VIEW. SEE THE DITCH HYDRAULIC DATA TABLE FOR DITCH GEOMETRY.

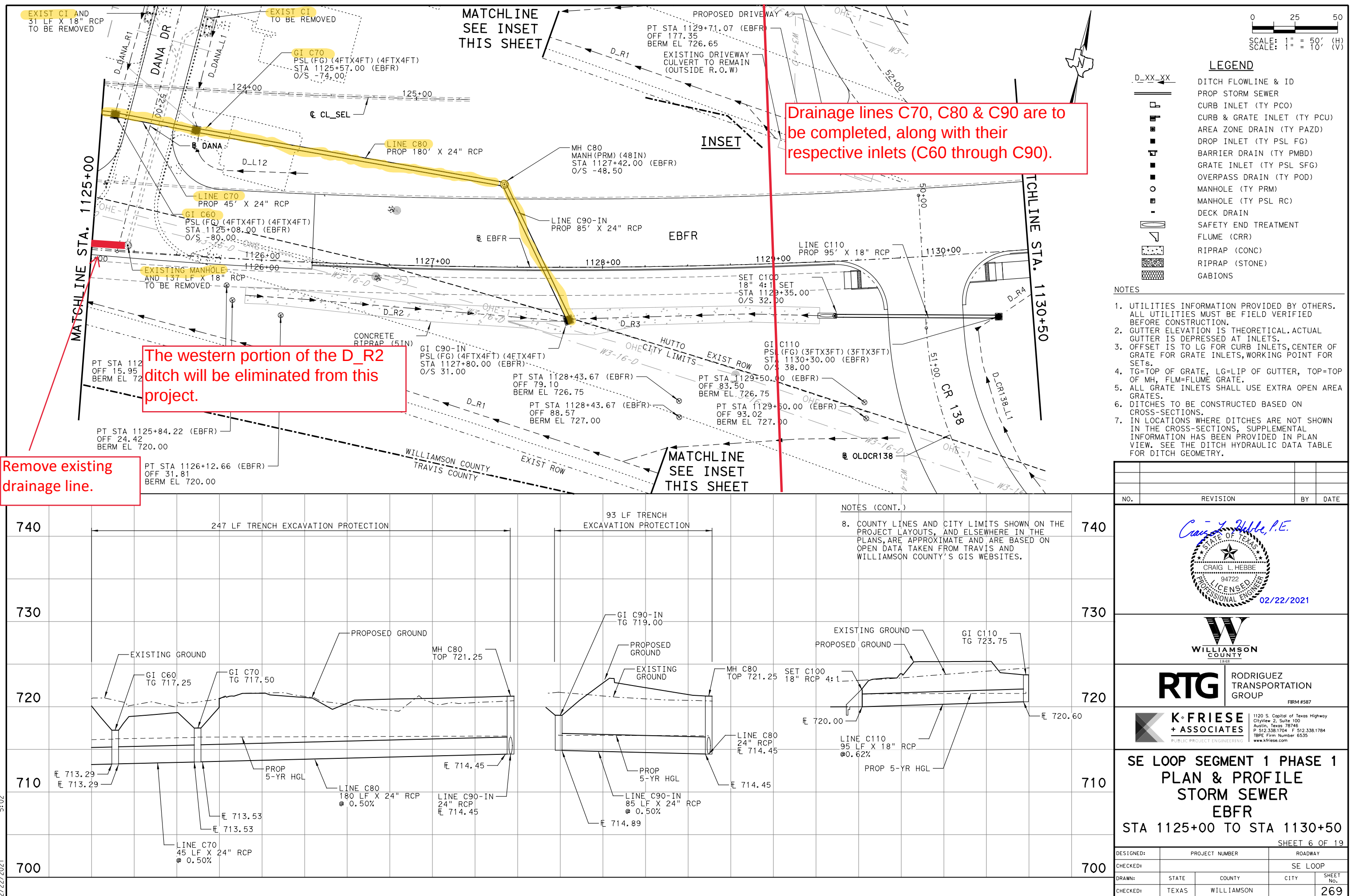


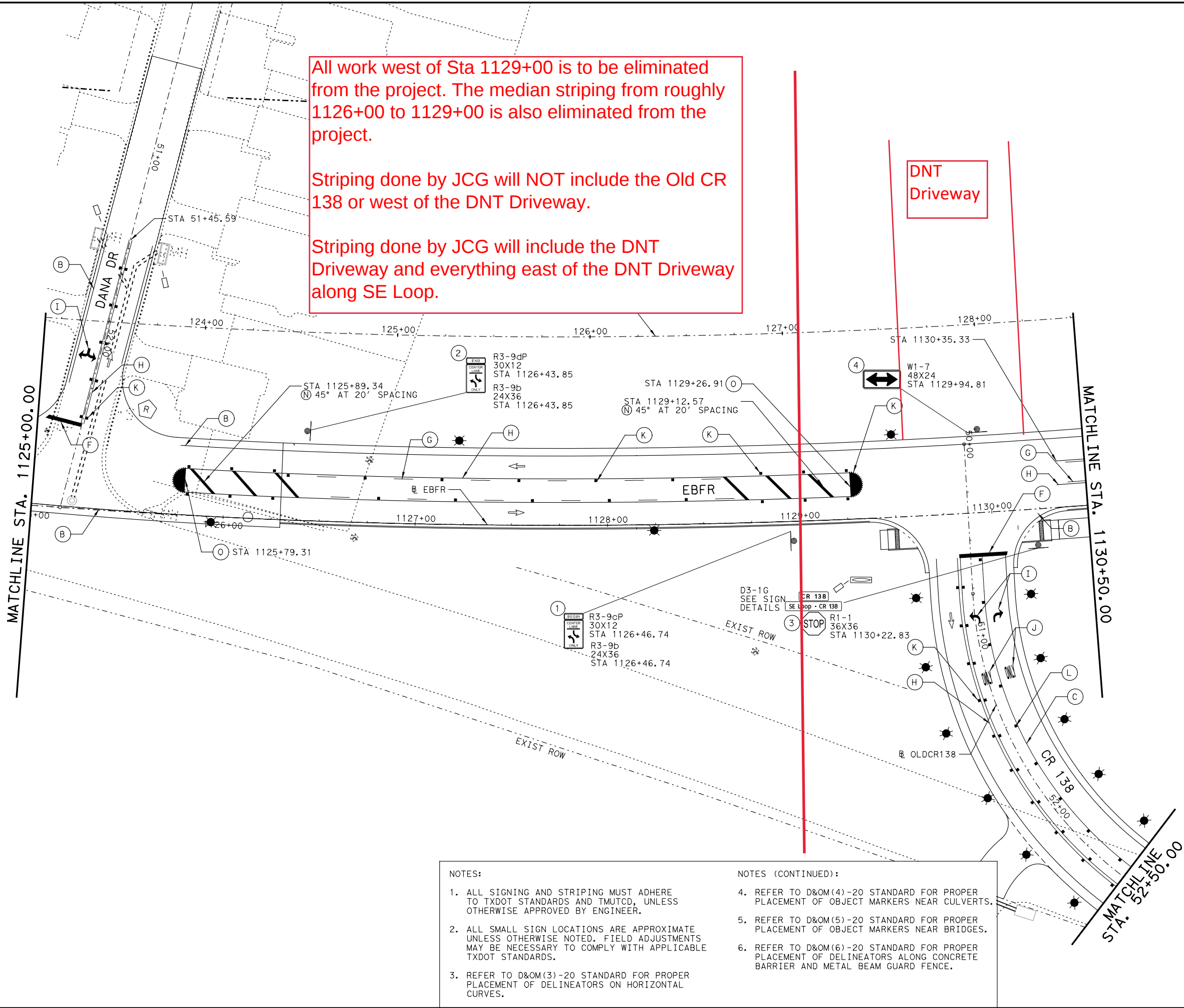
NO.	REVISION	BY	DATE

**SE LOOP SEGMENT 1 PHASE 1
PLAN & PROFILE
STORM SEWER
EBFR
STA 1119+50 TO STA 1125+00**

SHEET 5 OF 19

DESIGNED:	PROJECT NUMBER		ROADWAY	
CHECKED:			SE LOOP	
DRAWN:	STATE	COUNTY	CITY	SHEET No.
CHECKED:	TEXAS	WILLIAMSON		268





All work west of Sta 1129+00 is to be eliminated from the project. The median striping from roughly 1126+00 to 1129+00 is also eliminated from the project.

Striping done by JCG will NOT include the Old CR 138 or west of the DNT Driveway.

Striping done by JCG will include the DNT Driveway and everything east of the DNT Driveway along SE Loop.

DNT Driveway

LEGEND OF ESTIMATED QUANTITIES

(A)	RE PM W/RET REQ TY I (W) (4") (BRK) (100 MIL)
(B)	RE PM W/RET REQ TY I (W) (4") (SLD) (100 MIL)
(C)	REFL PAV MRK TY I (W) (8") (SLD) (100 MIL)
(D)	REFL PAV MRK TY I (W) (12") (LNDP) (100 MIL)
(E)	REFL PAV MRK TY I (W) (12") (SLD) (100 MIL)
(F)	REFL PAV MRK TY I (W) (24") (SLD) (100 MIL)
(G)	RE PM W/RET REQ TY I (Y) (4") (BRK) (100 MIL)
(H)	RE PM W/RET REQ TY I (Y) (4") (SLD) (100 MIL)
(I)	REFL PAV MRK TY I (W) (ARROW) (100 MIL)
(J)	REFL PAV MRK TY I (W) (WORD) (100 MIL)
(K)	REFL PAV MRKR TY II-A-A
(L)	REFL PAV MRKR TY I-C
(M)	REFL PAV MRK TY I (W) (8") (BRK) (100 MIL)
(N)	REFL PAV MRK TY I (Y) (12") (SLD) (100 MIL)
(O)	REFL PAV MRK TY I (Y) (MED NOSE) (100 MIL)
(P)	INSTR DEL ASSM (D-SW) SZ1 (FLX) GND (BI)
(Q)	INSTR DEL ASSM (D-SW) SZ (BRF) CTB
(R)	INSTR DEL ASSM (D-SW) SZ (BRF) CTB (BI)
(S)	INSTR DEL ASSM (D-SW) SZ (BRF) GF1 (BI)
(T)	INSTR OM ASSM (OM-2Y) (WC) GND
(U)	TRAFFIC DIRECTION ARROWS
(V)	REMOVE EXISTING SIGN

NO.	REVISION	BY	DATE

2/23/2021

WILLIAMSON COUNTY
1848

RODRIGUEZ
TRANSPORTATION
GROUP
FIRM #587

SE LOOP SEGMENT 1 PHASE 1
PAVEMENT MARKING
& DELINEATION PLAN

SHEET 6 OF 19

DESIGNED:	PROJECT NUMBER	ROADWAY
CHECKED:		SE LOOP
DRAWN:	STATE	COUNTY
CHECKED:	TEXAS	WILLIAMSON

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