WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 2

Project:	*22IFB39*
Roadway:	CR 111
CSJ Number:	

1. CONTRACTOR: **Capital Excavation**

2. Change Order Work Limits: Sta. **17+00** to Sta. **363+66.50**

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

4. Reasons: **1B** (3 Max. - In order of importance - Primary first)

5. Describe the work being revised:

1B. Design Error or Omission. Other: This change order compensates the Contractor for upsize changes in 6 inlet and 1 junction box to accomidate pipe size design. The revisions affected estimate page 15, summary page 18, storm drainage pages; 149 for Inlet C-5 and C-6, page 150 for Inlets E-4 and E-5, page 151 for Inlet F-6, page 153 for Inlet I-6 and page 154 for Junction Box K.

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

7. New or revised plan sheet(s) are attached and numbered: **15, 18, 149, 150,151, 153 and 154.**

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 CONTRACTOR Date 4.25.22

By Joe Chesney

Typed/Printed Name JOE CHESNEY

Typed/Printed Title V.P.

The following information must be provided

Time Ext. #: **N/A** Days added on this CO: **0**

Amount added by this change order: **$7,553.84**

RECOMMENDED FOR EXECUTION:

Project Manager Date

N/A
Design Engineer Date

M. J. Way 4/26/2022
Program Manager Date

Design Engineer's Seal:

County Commissioner Precinct 1 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 2 Date
☐ APPROVED ☐ REQUEST APPROVAL

Valerie Covey May 5, 2022
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: ***2*** ***Project #*** ***22IFB39***

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
465-6006	JCTBOX (COMPL) (PJB) (4FTX4FT)	EA	$4,690.00	3.00	$14,070.00	(1.00)	2.00	$9,380.00	($4,690.00)
465-6016	INLET (COMPL) (PCO) (3FT) (BOTH)	EA	$7,000.00	25.00	$175,000.00	(6.00)	19.00	$133,000.00	($42,000.00)
465-6009	JCTBOX (COMPL) (PJB) (5FTX5FT)	EA	$6,420.96	0.00	$0.00	1.00	1.00	$6,420.96	$6,420.96
465-6020	INLET (COMPL) (PCO) (4FT) (BOTH)	EA	$7,970.48	0.00	$0.00	6.00	6.00	$47,822.88	$47,822.88
TOTALS					$189,070.00			$196,623.84	$7,553.84

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

CR111 Westinghouse Rd
Williamson County Project No. 22IFB39

Change Order No. 2
Reason for Change

This Change Order adds pay items to revise the size of 6 curb inlets and 1 junction box on the project. New items are being added to change 6 curb inlets from 3 feet wide to 4 feet wide inlets and a junction box from 4' x 4' to a 5' x 5' dimension box. The drainage structures need to be larger than those originally shown in the plans, to accommodate the size of pipe used in the drainage system. This Change Order will compensate the contractor for the difference in the cost of the drainage structures.

The following new items will be added by this Change Order.

ITEM	DESCRIPTION	QTY	UNIT
465-6009	JCTBOX (COMPL) (PJB) (5FTX5FT)	1	EA.
465-6020	INLET (COMPL) (PCO) (4FT) (BOTH)	6	EA

This Change Order results in a net increase of $7,553.84 to the Contract amount, for an adjusted Contract total of $21,265,250.72. The original Contract amount was $21,024,332.88. As a result of this and all Change Orders to-date, $240,917.84 has been added to the Contract, resulting in a 1.15% net increase in the overall Contract cost. As a result of this Change Order, (0) days will be added to the contract.

HNTB Corporation

Oscar Salazar-Bueno, P.E.

PO Box 1301
Austin, TX 78767
Email: Estimating@CapitalExcavation.com

Change Request # 5

Date: 2/7/2022

QuoteTo: Chuck Evans
HNTB CORPORATION

Project: CR 111 / 110 (1024)
Capital Project #: 1024
Description: Design Issue - Precast Storm Structure Changes

Item	Description	Quantity	Unit	Unit Price	Amount
465 6006	JCTBOX (COMPL)(PJB)(4FTX4FT)	-1.00	EA	4,690.00	-4,690.00
465 6016	INLET (COMPL)(PCO)(3FT)(BOTH)	-6.00	EA	7,000.00	-42,000.00
465 6009	JCTBOX (COMPL)(PJB)(5FTX5FT)	1.00	EA	6,420.96	6,420.96
465 6020	INLET (COMPL)(PCO)(4FT)(BOTH)	6.00	EA	7,970.48	47,822.88
GRAND TOTAL					7,553.84

Scope: 1. Inlets C-5, C-6, E-4, E-5, F-6, and I-6 upsized to 4' x 5' to accommodate pipe sizes.
2. JB-K upsized to 5' x 5' to accommodate pipe sizes

Capital Excavation Requests an additional : day(s)

TxDOT Low Bid Average: 465-6009 JCTBOX (COMPL) (PJB) (5FTX5FT) Quantity 2 at $7,250.00
465-6020 INLET (COMPL) (PCO) (4FT) (BOTH) Quantity 2 at $7,601.21

Prices are comparable.

FILE: P:\22000-22999\22009 Wilco CR111 Route Study\Drawings\Plans\General\EstimateandQuantities.dgn
PENTABLE: S:\Software\Bentley\Standards\tables\Pen\Grayscale*ColorLogo.tbl
PRINTED: C:\ProgramData\Bentley\MicroStation\DRWEMERSELECTseries\WorkSpace\system\pltcfg\printer.pltcfg
3/25/2022 @ 2:03:59 PM

REV	ITEM CODE ITEM NO.	DESC. CODE	SP NO.	DESCRIPTION	UNIT	TOTAL EST.	FINAL
	100	6002		PREPARING ROW	STA	217	
	106	6002		OBLITERATING ABANDONED ROAD	SY	15,289	
	110	6001		EXCAVATION (ROADWAY)	CY	107,513	
	132	6003		EMBANKMENT (FINAL)(ORD COMP)(TY B)	CY	42,149	
	160	WC02		FURNISHING AND PLACING TOPSOIL (4")	SY	148,530	
	161	WC001		EROSION CONTROL COMPOST (3")	SY	37,133	
	162	WC103		MULCH TOPDRESSING (5")	SY	37,133	
	164	WC04		SEEDING FOR EROSION CONTROL (TEMP)(COOL)(TY 4)	SY	74,271	
	164	WC11		SEEDING FOR EROSION CONTROL (TEMP & PERM)(TY 11)	SY	222,801	
	166	6002		FERTILIZER	TON	9.28	
	168	WC01		VEGETATIVE WATERING	MG	4,456	
	169	6001		SOIL RETENTION BLANKETS (CL 1)(TY A)	SY	40,000	
	169	6006		SOIL RETENTION BLANKETS (CL 2)(TY F)	SY	1,620	
	247	6044		FL BS (CMP IN PLC)(TY A GR 4)(FNAL POS	CY	38,060	
	260	6002		LIME (HYDRATED LIME (SLURRY))	TON	2,075	
	260	6073		LIME TRT (SUBGRADE) (8")	SY	115,225	
	310	6001		PRIME COAT (MULTI OPTION)	GAL	20,391	
	316	6193		AGGR(TY-D GR-5 SAC-B)	CY	613	
	316	6413		ASPH (AC-15P, HFRS-2P OR CRS-2P)	GAL	25,305	
	341	6008		D-GR HMA TY-B PG64-22	TON	25,840	
	341	6042		D-GR HMA TY-D SAC-B PG70-22	TON	12,049	
	351	6006		FLEXIBLE PAVEMENT STRUCTURE REPAIR(10")	SY	500	
	354	6041		PLANE ASPH CONC PAV (1.5")	SY	2,273	
	354	6044		PLANE ASPH CONC PAV (7")	SY	386	
	402	6001		TRENCH EXCAVATION PROTECTION	LF	1	
	432	6002		RIPRAP (CONC)(5 IN)	CY	888	
	432	6003		RIPRAP (CONC)(6 IN W/ 6 X 6 X #6 WELDED WIRE)	CY	46	
	432	6031		RIPRAP (STONE PROTECTION)(12 IN)	CY	1,948	
	432	6045		RIPRAP (MOW STRIP)(4 IN)	CY	40	
	460	6002		CMP (GAL STL 18 IN)	LF	367	
	460	6003		CMP (GAL STL 24 IN)	LF	673	
	462	6004		CONC BOX CULV (4 FT X 3 FT)	LF	180	
	462	6007		CONC BOX CULV (5 FT X 3 FT)	LF	600	
3	462	6010		CONC BOX CULV (6 FT X 3 FT)	LF	2,373	
3	464	6003		RC PIPE (CL III)(18 IN)	LF	4,453	
3	464	6005		RC PIPE (CL III)(24 IN)	LF	2,332	
3	464	6007		RC PIPE (CL III)(30 IN)	LF	3,033	
	464	6008		RC PIPE (CL III)(36 IN)	LF	1,439	
	464	6009		RC PIPE (CL III)(42 IN)	LF	174	
	465	6005		JCTBOX(COMPL)(PJB)(3FTX3FT)	EA	1	
	465	6006		JCTBOX(COMPL)(PJB)(4FTX4FT)	EA	2	
5	465	6009		JCTBOX(COMPL)(PJB)(5FTX5FT)	EA	1	
	465	6014		INLET (COMPL)(PCO)(3FT)(LEFT)	EA	3	
3	465	6015		INLET (COMPL)(PCO)(3FT)(RIGHT)	EA	4	
3	465	6016		INLET (COMPL)(PCO)(3FT)(BOTH)	EA	20	
5	465	6020		INLET (COMPL)(PCO)(4FT)(BOTH)	EA	6	
	465	6126		INLET (COMPL)(PSL)(FG)(3FTX3FT-3FTX3FT	EA	1	
	466	6003		HEADWALL (CH-FW-0) (DIA=18 IN)	EA	3	
	466	6007		HEADWALL (CH-FW-0) (DIA=30 IN)	EA	1	
	466	6009		HEADWALL (CH-FW-0) (DIA=36 IN)	EA	1	
	466	6010		HEADWALL (CH-FW-0) (DIA=42 IN)	EA	2	
	466	6022		HEADWALL (CH-FW-15) (DIA=30 IN)	EA	2	
	466	6054		HEADWALL (CH-FW-45) (DIA=36 IN)	EA	1	
	466	6132		HEADWALL (CH-PW-S) (DIA=30 IN)	EA	1	
	466	6134		HEADWALL (CH-PW-S) (DIA=36 IN)	EA	1	
	466	6165		WINGWALL (FW-S) (HW=4FT)	EA	3	
	466	6179		WINGWALL (PW-1) (HW=4FT)	EA	5	
	466	6207		WINGWALL (SW-0) (HW=4FT)	EA	3	
	467	6014		SET (TY I)(36 IN)(3:1)(C)	EA	1	
3	467	6356		SET (TY II)(18 IN)(RCP)(3:1)(C)	EA	1	
3	467	6362		SET (TY II)(18 IN)(RCP)(6:1)(C)	EA	1	
3	467	6363		SET (TY II)(18 IN)(RCP)(6:1)(P)	EA	41	
3	467	6395		SET (TY II)(24 IN)(RCP)(6:1)(P)	EA	41	
3	467	6422		SET (TY II)(30 IN)(RCP)(6:1)(C)	EA	1	
3	467	6423		SET (TY II)(30 IN)(RCP)(6:1)(P)	EA	19	
3	467	6454		SET (TY II)(36 IN)(RCP)(6:1)(P)	EA	4	
	496	6016		REMOV STR (PIPE)	EA	17	
	500	6001		MOBILIZATION	LS	1	
	502	6001		BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	18	
	506	6002		ROCK FILTER DAMS (INSTALL) (TY 2)	LF	1,040	

ITEM CODE ITEM NO.	DESC. CODE	SP NO.	DESCRIPTION	UNIT	TOTAL EST.	FINAL
506	6011		ROCK FILTER DAMS (REMOVE)	LF	1,040	
506	6020		CONSTRUCTION EXITS (INSTALL) (TY 1)	SY	240	
506	6024		CONSTRUCTION EXITS (REMOVE)	SY	240	
506	6038		TEMP SEDMT CONT FENCE (INSTALL)	LF	195	
506	6039		TEMP SEDMT CONT FENCE (REMOVE)	LF	195	
506	6040		BIODEG EROSN CONT LOGS (INSTL) (8")	LF	23,660	
506	6043		BIODEG EROSN CONT LOGS (REMOVE)	LF	23,660	
508	6001		CONSTRUCTING DETOURS	SY	3,775	
512	6009		PORT CTB (FUR & INST)(LOW PROF)(TY 1)	LF	1,240	
512	6010		PORT CTB (FUR & INST)(LOW PROF)(TY 2)	LF	120	
512	6057		PORT CTB (REMOVE)(LOW PROF)(TY 1)	LF	1,240	
512	6058		PORT CTB (REMOVE)(LOW PROF)(TY 2)	LF	120	
528	6001		COLORED TEXTURED CONC (4")	SY	954	
529	6008		CONC CURB & GUTTER (TY II)	LF	24,461	
529	6038		CONC CURB (RIBBON)	LF	616	
530	6004		DRIVEWAYS (CONC)	SY	975	
530	6005		DRIVEWAYS (ACP)	SY	4,242	
531	6001		CONC SIDEWALK (4")	SY	5	
531	6010		CURB RAMPS (TY 7)	EA	675	
540	6001		MTL W-BEAM GD FEN (TIM POST)	LF	3	
544	6001		GUARDRAIL END TREATMENT (INSTALL)	EA	8,156	
560	6004		MAILBOX INSTALL-S (TWG-POST) TY 2	EA	18	
560	6005		MAILBOX INSTALL-D (TWG-POST) TY 2	EA	2	
560	6006		MAILBOX INSTALL-M (TWG-POST) TY 2	EA	2	
618	6023		CONDT (PVC)(SCH 40)(2")	LF	25	
620	6007		ELEC CONDR (NO.8) BARE	LF	25	
628	6001		RELOCATE ELECTRICAL SERVICES	EA	1	
644	6001		INS SM RD SN SUP & AM TY 10BWG (1) SA (P)	EA	16	
644	6004		INS SM RD SN SUP&AM TY 10BWG(1) SA(T)	EA	2	
644	6007		IN SM RD SN SUP&AM TY 10BWG (1) SA (U)	EA	14	
644	6061		INS SM RD SN SUP&AM TY TWT(1) WS(T)	EA	61	
658	6046		INSTL OM ASSM (OM-2X)(WC)GND	EA	23	
662	6004		WK ZN PAV MRK NON-REMOV (W) 4" (SLD)	LF	33,412	
662	6012		WK ZN PAV MRK NON-REMOV (W) 8" (SLD)	LF	3,389	
662	6016		WK ZN PAV MRK NON-REMOV (W) 24" (SLD)	LF	333	
662	6017		WK ZN PAV MRK NON-REMOV (W) (ARROW)	EA	11	
662	6029		WK ZN PAV MRK NON-REMOV (W) (WORD)	EA	11	
662	6032		WK ZN PAV MRK NON-REMOV (Y) 4" (BRK)	LF	2,010	
662	6034		WK ZN PAV MRK NON-REMOV (Y) 4" (SLD)	LF	53,873	
662	6041		WK ZN PAV MRK NON-REMOV (Y) 24" (SLD)	LF	1,831	
666	6035		REFL PAV MRK TY I (W) 8"(SLD)(090MIL)	LF	5,347	
666	6041		REFL PAV MRK TY I (W) 12"(SLD)(090MIL)	LF	370	
666	6047		REFL PAV MRK TY I (W) 24"(SLD)(090MIL)	LF	606	
666	6053		REFL PAV MRK TY I (W) (ARROW) (090MIL)	EA	27	
666	6077		REFL PAV MRK TY I (W) (WORD) (090MIL)	EA	19	
666	6146		REFL PAV MRK TY I (Y) 24"(SLD)(090MIL)	LF	1,359	
666	6299		RE PM W/RET REQ TY I (W)4"(BRK)(090MIL)	LF	800	
666	6302		RE PM W/RET REQ TY I (W)4"(SLD)(090MIL)	LF	23,127	
666	6311		RE PM W/RET REQ TY I (Y)4"(BRK)(090MIL)	LF	2,747	
666	6314		RE PM W/RET REQ TY I (Y)4"(SLD)(090MIL)	LF	47,414	
672	6007		REFL PAV MRKR TY I-C	EA	146	
672	6009		REFL PAV MRKR TY II-A-A	EA	623	
672	6010		REFL PAV MRKR TY II-C-R	EA	116	
682	6001		VEH SIG SEC (12")LED(GRN)	EA	1	
682	6002		VEH SIG SEC (12")LED(GRN ARW)	EA	1	
682	6003		VEH SIG SEC (12")LED(YEL)	EA	1	
682	6004		VEH SIG SEC (12")LED(YEL ARW)	EA	1	
682	6005		VEH SIG SEC (12")LED(RED)	EA	1	
682	6025		BACK PLATE (12") (5 SEC)	EA	1	
684	6033		TRF SIG CBL (TY A)(14 AWG)(7 CONDR)	LF	225	
684	6080		TRF SIG CBL (TY C)(14 AWG)(2 CONDR)	LF	25	
687	6001		PED POLE ASSEMBLY	EA	3	
690	6007		REPLACE OF GROUND BOX	EA	2	
690	6057		REMOVAL OF PEDESTRIAN RAMPS	EA	3	
730	6003		SPOT MOWING	AC	15.3	
730	6107		FULL - WIDTH MOWING	CYC	3	
3076	6066		TACK COAT	GAL	8,156	
6001	6001		PORTABLE CHANGEABLE MESSAGE SIGN	DAY	300	
6120	6001		DEAD END ROAD BARRICADE	LF	112	
7056	6057		PIPE ENCASEMNET (24") STEEL	LF	129	

3 (01/05/22): RFI #1
5 (03/23/22): RFI #12 & RFI #13

WILLIAMSON COUNTY 1848

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STEGER BIZZELL
ADDRESS 1978 S. AUSTIN AVENUE GEORGETOWN, TX 78626
METRO 512.930.9412 TBPE FIRM NO. 181 TBPLS FIRM NO. 10003700 WEB STEGERBIZZELL.COM
SERVICES >>ENGINEERS >>PLANNERS >>SURVEYORS

WILLIAMSON COUNTY
CR 111 IMPROVEMENTS

ESTIMATE & QUANTITIES

DATE: 3/25/2022	DN:	DW:	CK:	AP:
FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.			SHEET NO.
6	----			15
STATE	DIST.	COUNTY		
TEXAS	---	WILLIAMSON		
CONT.	SECT.	JOB	HIGHWAY NO.	
----	--	---	CR 111	

SHEET	402-6001	432-6002	432-6003	462-6004	462-6007	462-6010	464-6003	464-6005	464-6007	464-6008	464-6009	465-6005	465-6006	465-6009	465-6014	465-6015	465-6016	465-6020	465-6126	466-6003	466-6007	466-6009
						3	3	3	3					5		3	3	5				
	TRENCH EXCAVATION PROTECTION	RIPRAP (CONC) (5 IN)	RIPRAP (CONC) (6 IN W/ 6 X 6 X #6 WELDED WIRE)	CONC BOX CULV (4 FT X 3 FT)	CONC BOX CULV (5 FT X 3 FT)	CONC BOX CULV (6 FT X 3 FT)	RC PIPE (CL III)(18 IN)	RC PIPE (CL III)(24 IN)	RC PIPE (CL III)(30 IN)	RC PIPE (CL III)(36 IN)	RC PIPE (CL III)(42 IN)	JCTBOX (COMPL) (PJB) (3FTX3FT)	JCTBOX (COMPL) (PJB) (4FTX4FT)	JCTBOX (COMPL) (PJB) (5FTX5FT)	INLET (COMPL) (PCO)(3FT) (LEFT)	INLET (COMPL) (PCO)(3FT) (RIGHT)	INLET (COMPL) (PCO)(3FT) (BOTH)	INLET (COMPL) (PCO)(4FT) (BOTH)	INLET (COMPL)(PSL)(FG)(3 FTX3FT-3FTX3FT	HEADWALL (CH-FW-0) (DIA=18 IN)	HEADWALL (CH-FW-0) (DIA=30 IN)	HEADWALL (CH-FW-0) (DIA=36 IN)
	LF	CY	CY	LF	LF	LF	LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
CULVERT #1	103	53	46							1,158												
CULVERT #2	36	14							548												1	
CULVERT #5	63								564													
CULVERT #6						1702																
CULVERT #7	81					536																
CULVERT #8					282																	
CULVERT #9		11				135																
CULVERT #10	81	21			318																	
CULVERT #11									448													
CULVERT CR 104	174										174											
SS 1 OF 6							498	141	254							1	5	2	1	2		
SS 2 OF 6							1,510	205	301	183		1	2			3	3	2				1
SS 3 OF 6								690	343								2	1				
SS 4 OF 6							359	0							1		3			1		
SS 5 OF 6							644	275	123						1		4	1				
SS 6 OF 6							547							1	1		3					
DRIVEWAYS				180			895	1,021	452	98												
DITCHES		789																				
TOTAL	**1**	**888**	**46**	**180**	**600**	**2,373**	**4,453**	**2,332**	**3,033**	**1,439**	**174**	**1**	**2**	**1**	**3**	**4**	**20**	**6**	**1**	**3**	**1**	**1**

SHEET	466-6010	466-6022	466-6054	466-6132	466-6134	466-6165	466-6179	466-6207	467-6014	467-6356	467-6362	467-6363	467-6395	467-6422	467-6423	467-6454
										3	3	3	3	3	3	3
	HEADWALL (CH-FW-0) (DIA=42 IN)	HEADWALL (CH-FW-15) (DIA=30 IN)	HEADWALL (CH-FW-45) (DIA=36 IN)	HEADWALL (CH-PW-S) (DIA=30 IN)	HEADWALL (CH-PW-S) (DIA=36 IN)	WINGWALL (FW-S) (HW=4FT)	WINGWALL (PW-1) (HW=4FT)	WINGWALL (SW-0) (HW=4FT)	SET (TY I) (36 IN) (3:1)(C)	SET (TY II) (18 IN)(RCP) (3:1)(C)	SET (TY II) (18 IN)(RCP) (6:1)(C)	SET (TY II) (18 IN)(RCP) (6:1)(P)	SET (TY II) (24 IN)(RCP) (6:1)(P)	SET (TY II) (30 IN)(RCP) (6:1)(C)	SET (TY II) (30 IN)(RCP) (6:1)(P)	SET (TY II) (36 IN)(RCP) (6:1)(P)
	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
CULVERT #1			1		1											
CULVERT #2				1												
CULVERT #5		2														
CULVERT #6						1	1									
CULVERT #7							1									
CULVERT #8						1	1									
CULVERT #9							1	1								
CULVERT #10						1	1									
CULVERT #11									1					1	2	
CULVERT CR 104	2															
SS 1 OF 6											1					
SS 2 OF 6																
SS 3 OF 6																
SS 4 OF 6																
SS 5 OF 6															1	
SS 6 OF 6										1						
DRIVEWAYS								2				41	41		16	4
DITCHES																
TOTAL	**2**	**2**	**1**	**1**	**1**	**3**	**5**	**3**	**1**	**1**	**1**	**41**	**41**	**1**	**19**	**4**

3 (01/05/22): RFI #1

5 (03/23/22): RFI #12 & RFI #13

WILLIAMSON COUNTY 1848

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DISCIPLINES: >>ENGINEERS >>PLANNERS >>SURVEYORS

WILLIAMSON COUNTY
CR 111 IMPROVEMENTS

SUMMARY OF DRAINAGE QUANTITIES

DATE: 3/25/2022	DN:	DW:	CK:	AP:
FED.RD. DIV.NO.	FEDERAL AID PROJECT NO.			SHEET NO.
6	----			18
STATE	DIST.	COUNTY		
TEXAS	---	WILLIAMSON		
CONT.	SECT.	JOB	HIGHWAY NO.	
----	--	---	CR 111	

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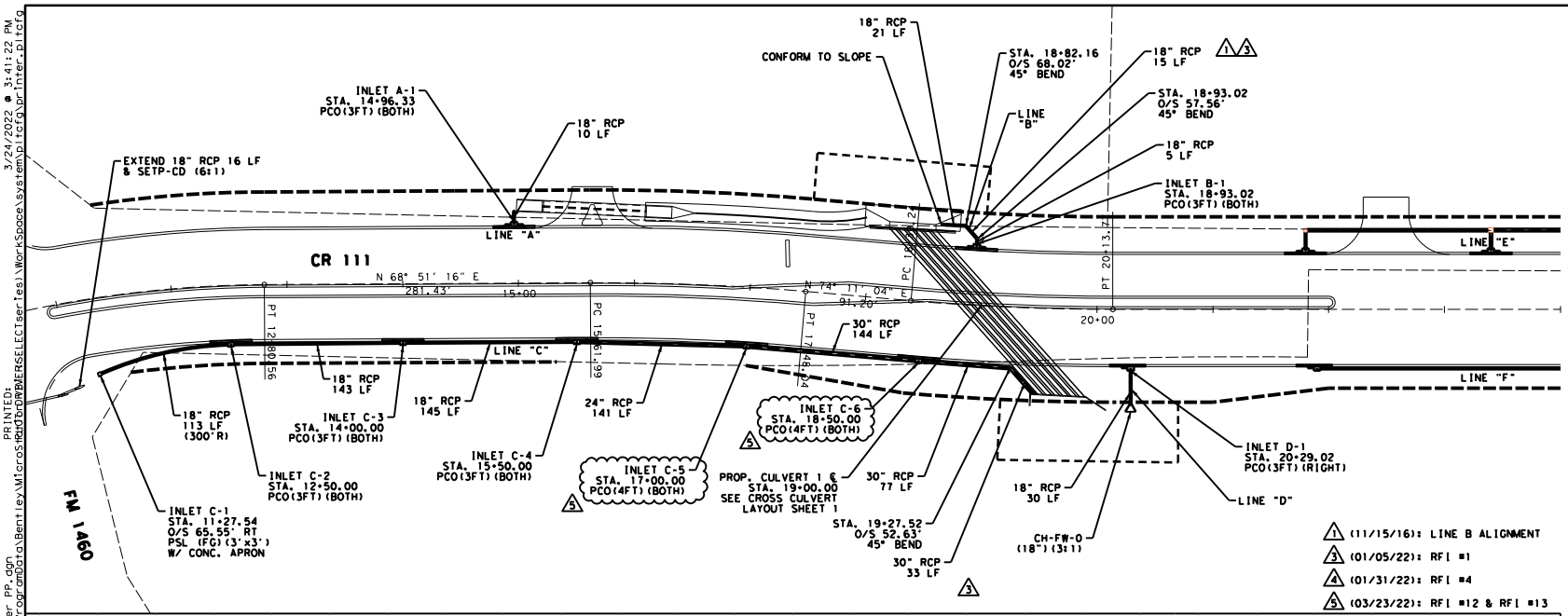


LEGEND

- PROPOSED RIGHT-OF-WAY
- PROPOSED EASEMENT
- PROPERTY LINE
- PROPOSED CENTERLINE

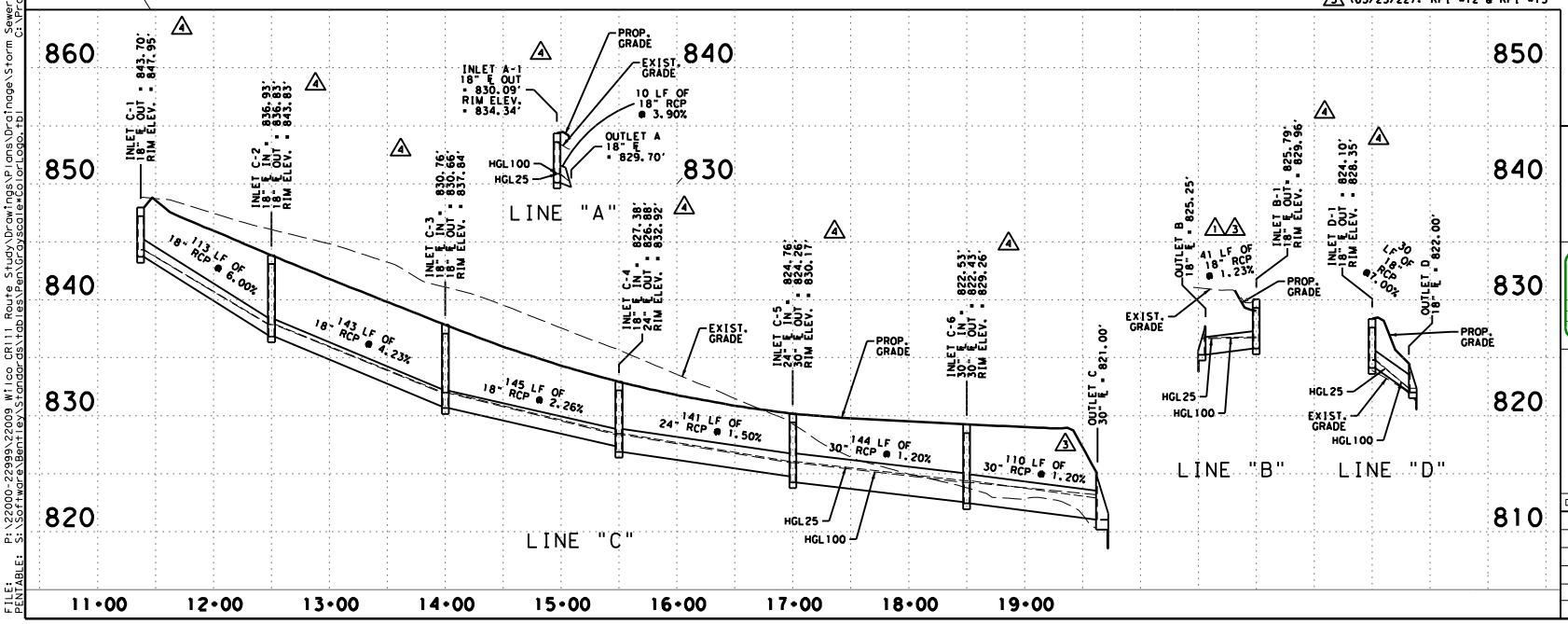
REVISION
2, 3, 4, & 5 ONLY

STATE OF TEXAS
BRYAN ERIC MOORE
98920
LICENSED PROFESSIONAL ENGINEER
03/24/2022

N

0 25 50 75 100
SCALE IN FEET

1 (11/15/16): LINE B ALIGNMENT
3 (01/05/22): RFI #1
4 (01/31/22): RFI #4
5 (03/23/22): RFI #12 & RFI #13



STATE OF TEXAS
BENJAMIN R. LAKE
118889
LICENSED PROFESSIONAL ENGINEER
11/15/16

WILLIAMSON COUNTY
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WILLIAMSON COUNTY
CR 111 IMPROVEMENTS

STORM SEWER
PLAN & PROFILE

SHEET 1 OF 6

SCALE: 1"=100'H
1"= 10'V

DATE: 3/24/2022	DN:	DW:	CK:	AP:
FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.			SHEET NO.
6	----			149
STATE	DIST.	COUNTY		
TEXAS	---	WILLIAMSON		
CONT.	SECT.	JOB	HIGHWAY NO.	
----	--	---	CR 111	

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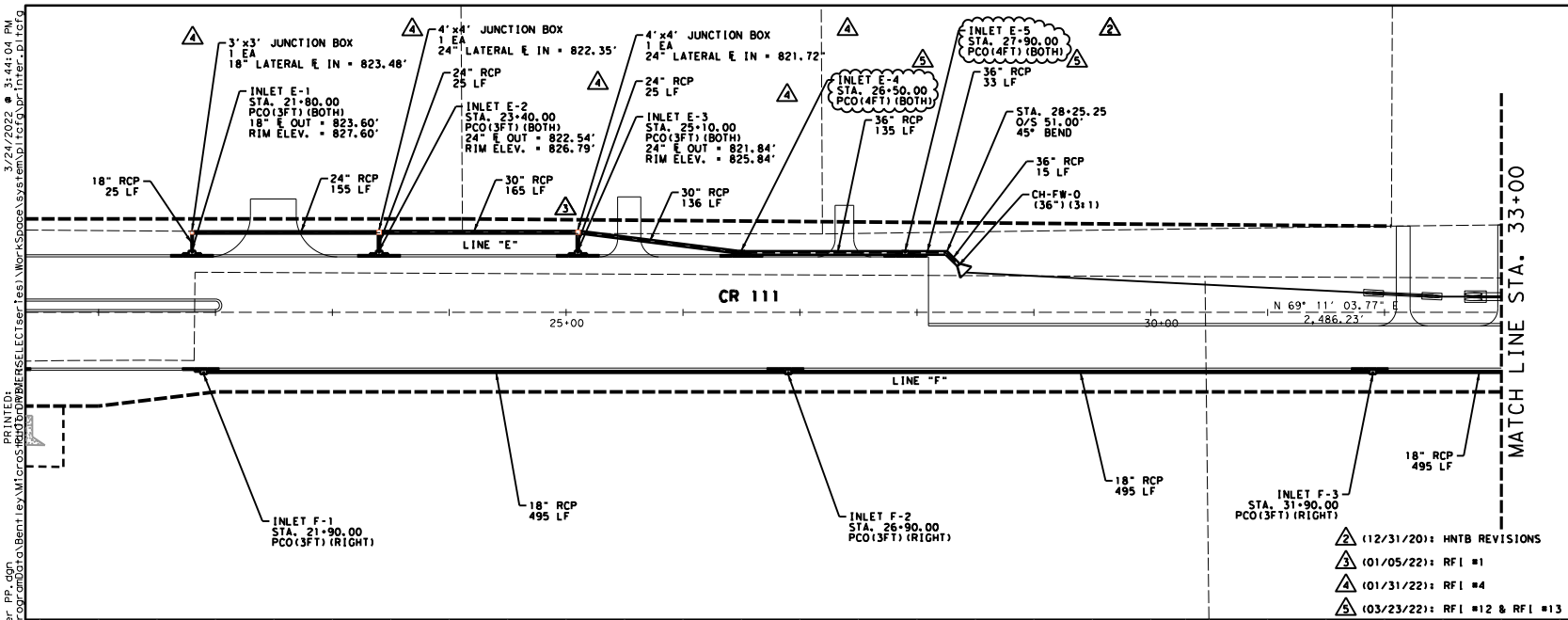


LEGEND

- PROPOSED RIGHT-OF-WAY
- PROPOSED EASEMENT
- PROPERTY LINE
- PROPOSED CENTERLINE

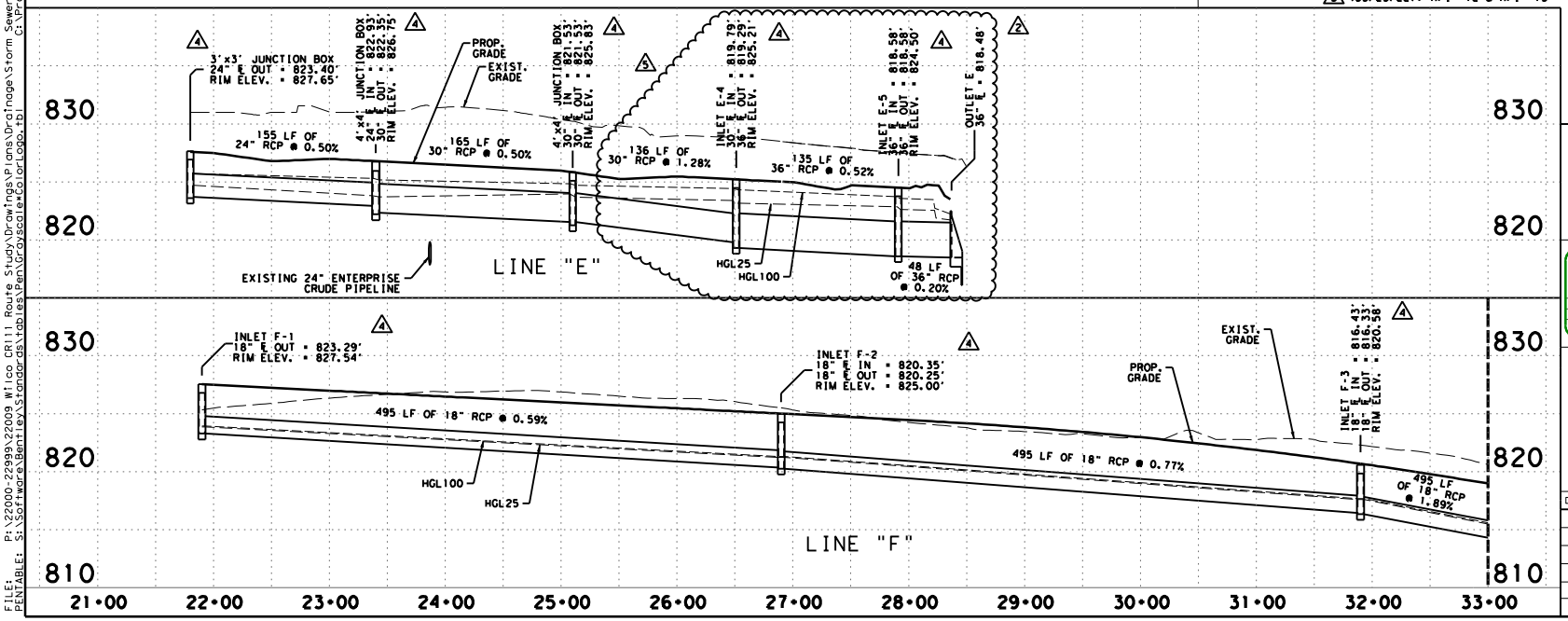
REVISION
2, 3, 4, & 5 ONLY

STATE OF TEXAS
BRYAN ERIC MOORE
98920
LICENSED
PROFESSIONAL ENGINEER
03/24/2022

N

0 25 50 75 100
SCALE IN FEET

(2) (12/31/20): HNTB REVISIONS
(3) (01/05/22): RFI #1
(4) (01/31/22): RFI #4
(5) (03/23/22): RFI #12 & RFI #13



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11/15/16

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WILLIAMSON COUNTY
CR 111 IMPROVEMENTS

STORM SEWER PLAN & PROFILE

SHEET 2 OF 6

SCALE: 1"=100'H
1"= 10'V

DATE: 3/24/2022	DN:	DW:	CK:	AP:
FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.			SHEET NO.
6	----			150
STATE	DIST.	COUNTY		
TEXAS	---	WILLIAMSON		
CONT.	SECT.	JOB	HIGHWAY NO.	
----	--	---	CR 111	

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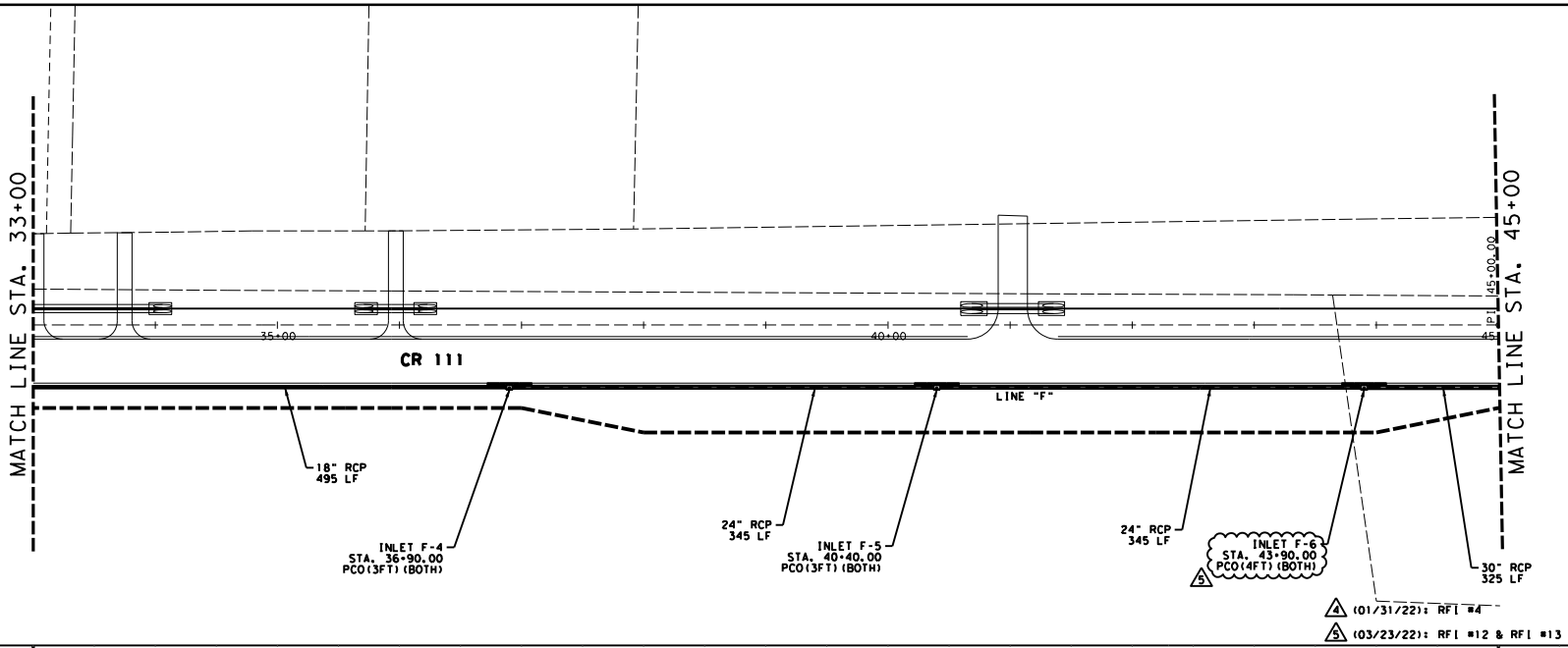


LEGEND

- PROPOSED RIGHT-OF-WAY
- PROPOSED EASEMENT
- PROPERTY LINE
- PROPOSED CENTERLINE

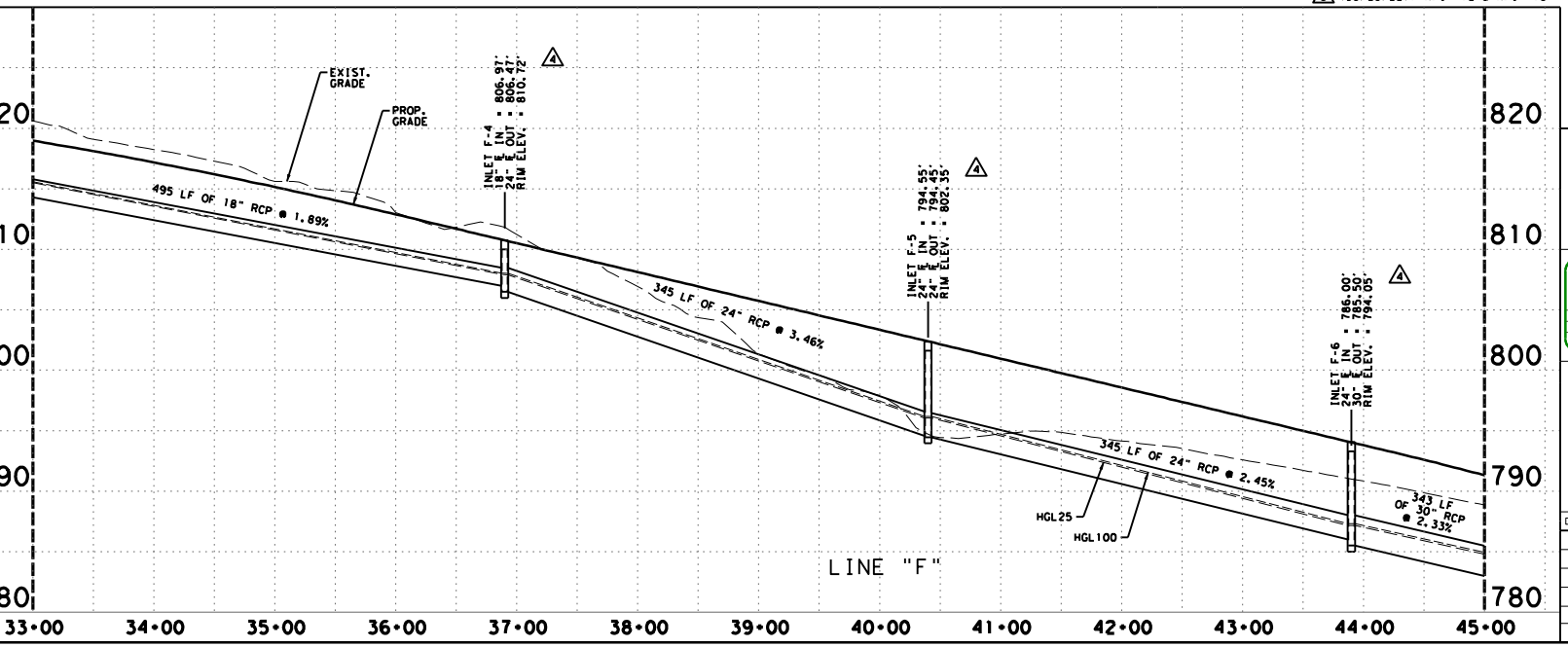
REVISION 4 & 5 ONLY

STATE OF TEXAS
BRYAN ERIC MOORE
98920
LICENSED
PROFESSIONAL ENGINEER
03/24/2022

N

0 25 50 75 100
SCALE IN FEET

STATE OF TEXAS
BENJAMIN R. LAKE
118889
LICENSED
PROFESSIONAL ENGINEER
11/15/16



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WILLIAMSON COUNTY
CR 111 IMPROVEMENTS

STORM SEWER PLAN & PROFILE

SHEET 3 OF 6

SCALE: 1"=100'H
1"= 10'V

DATE: 3/24/2022	DN:	DW:	CK:	AP:
FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.			SHEET NO.
6	----			151
STATE	DIST.	COUNTY		
TEXAS	---	WILLIAMSON		
CONT.	SECT.	JOB	HIGHWAY NO.	
----	--	---	CR 111	

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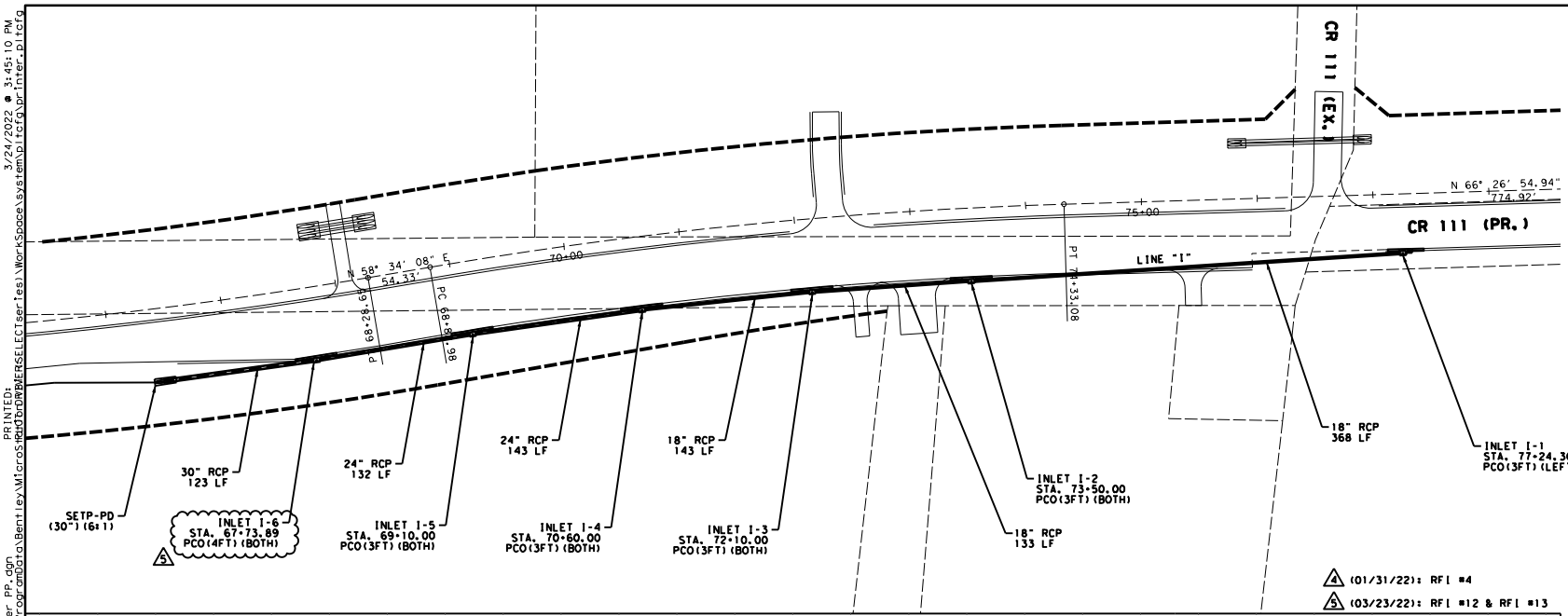


LEGEND

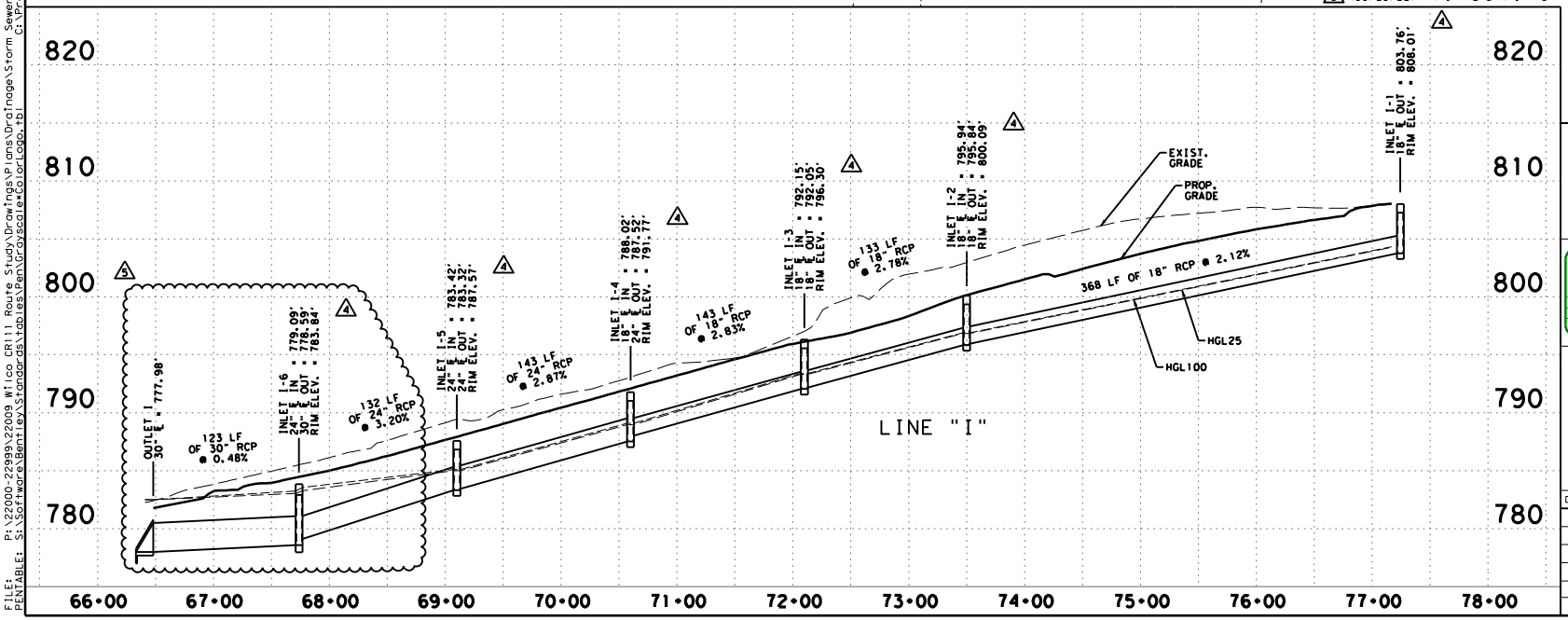
- PROPOSED RIGHT-OF-WAY
- PROPOSED EASEMENT
- PROPERTY LINE
- PROPOSED CENTERLINE

REVISION 4 & 5 ONLY

STATE OF TEXAS
BRYAN ERIC MOORE
98920
LICENSED PROFESSIONAL ENGINEER
03/24/2022

N

0 25 50 75 100
SCALE IN FEET



STATE OF TEXAS
BENJAMIN R. LAKE
118889
LICENSED PROFESSIONAL ENGINEER
11/15/16

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WILLIAMSON COUNTY
CR 111 IMPROVEMENTS

STORM SEWER PLAN & PROFILE

SHEET 5 OF 6

SCALE: 1"=100'H 1"= 10'V

DATE: 3/24/2022	DN:	DW:	CK:	AP:
FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.			SHEET NO.
6	----			153
STATE	DIST.	COUNTY		
TEXAS	---	WILLIAMSON		
CONT.	SECT.	JOB	HIGHWAY NO.	
----	--	---	CR 111	

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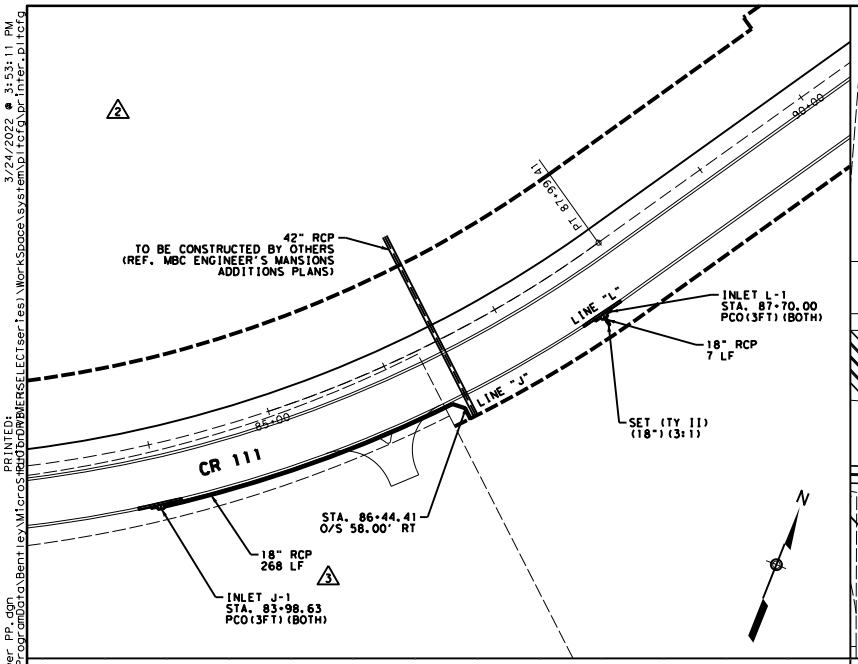
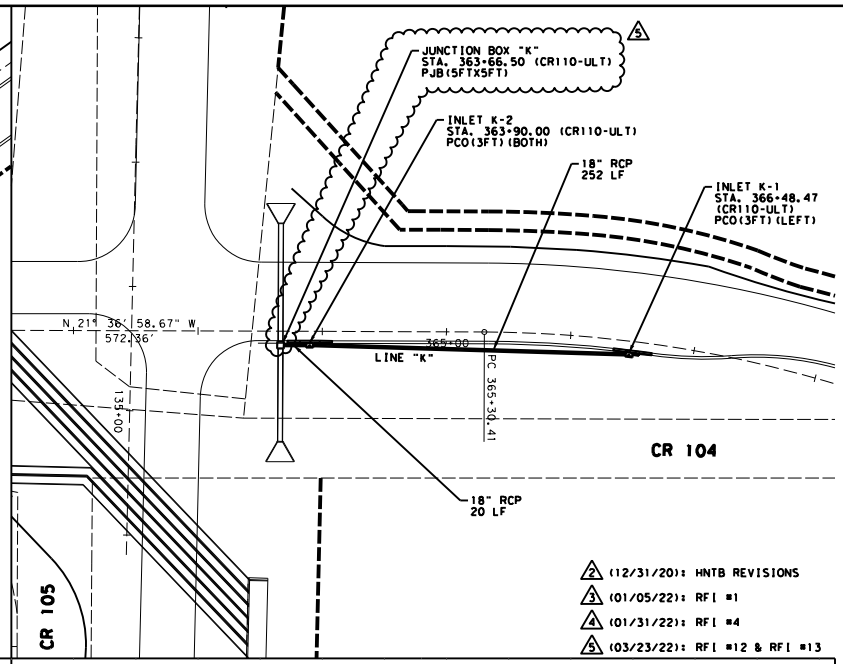




LEGEND

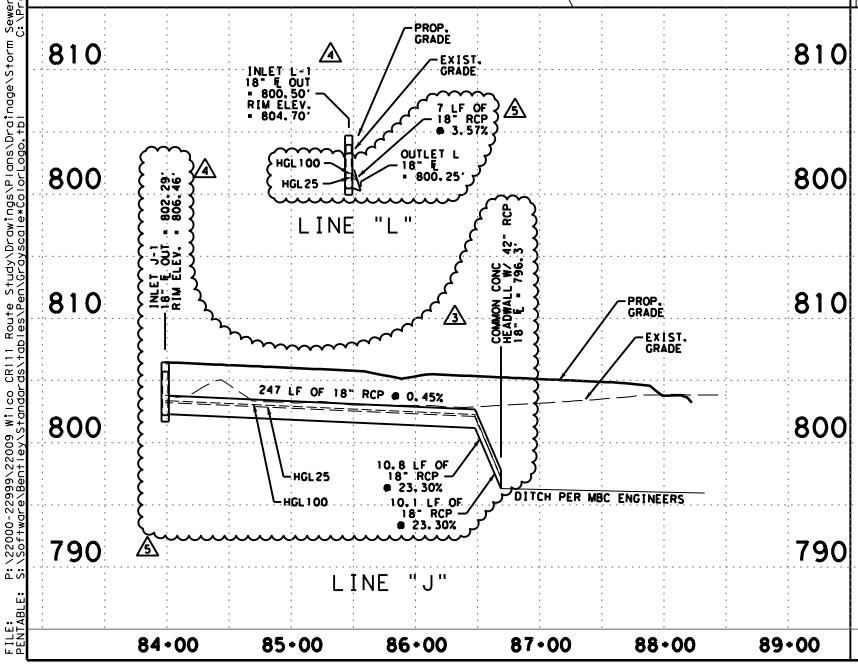
- PROPOSED RIGHT-OF-WAY
- PROPOSED EASEMENT
- PROPERTY LINE
- PROPOSED CENTERLINE

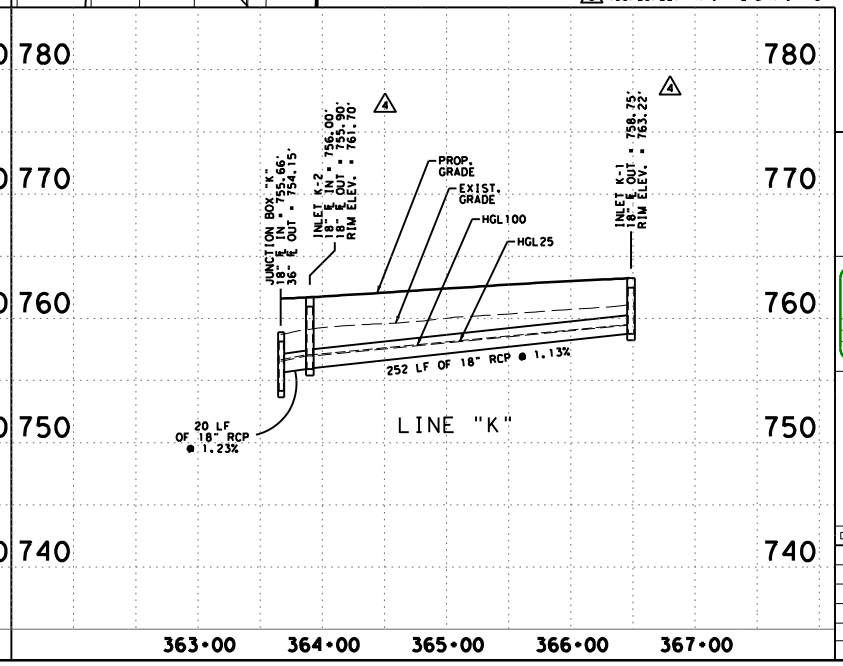
REVISION
2, 3, 4, & 5 ONLY

STATE OF TEXAS
BRYAN ERIC MOORE
98920
LICENSED PROFESSIONAL ENGINEER
03/24/2022

(2) (12/31/20): HNTB REVISIONS
(3) (01/05/22): RFI #1
(4) (01/31/22): RFI #4
(5) (03/23/22): RFI #12 & RFI #13

0 25 50 75 100
SCALE IN FEET





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11/15/16

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WILLIAMSON COUNTY
CR 111 IMPROVEMENTS

STORM SEWER PLAN & PROFILE

SHEET 6 OF 6

SCALE: 1"=100'H
1"= 10'V

DATE: 3/24/2022	DN:	DW:	CK:	AP:
FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.			SHEET NO.
6	----			154
STATE	DIST.	COUNTY		
TEXAS	---	WILLIAMSON		
CONT.	SECT.	JOB	HIGHWAY NO.	
----	--	---	CR 111	

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