

SUBJECT: PLANS AND PROPOSAL ADDENDUMS

PROJECT: STP 2B23 (055)

CONTROL: 1057-03-045

COUNTY: CAMERON

LETTING: 08/03/2023

REFERENCE NO: 0726

PROPOSAL ADDENDUMS

PROPOSAL COVER
 BID INSERTS (SH. NO.: ALL)
 GENERAL NOTES (SH. NO.:)

SPEC LIST (SH. NO.:)
 SPECIAL PROVISIONS:
 ADDED:

DELETED:

SPECIAL SPECIFICATIONS:
 ADDED:

DELETED:

X OTHER: x

DESCRIPTION OF ABOVE CHANGES
(INCLUDING PLANS SHEET CHANGES)

***** BID INSERTS *****

REVISED QUANTITIES FOR THE FOLLOWING BID ITEMS:

560-6008, 100-6002, 104-6001, 105-6095, 134-6001, 164-6036
168-6001, 216-6001, 275-6001, 316-6005, 760-6001, 506-6024
204-6003

ADDED THE FOLLOWING BID ITEMS:

666-6309, 666-6318, 666-6321, 666-6343, 247-6225, 275-6035
462-6020, 6185-6002, 6056-6002, 658-6099, 545-6019, 658-6116
658-6100

DELETED THE FOLLOWING BID ITEMS:

666-6303, 666-6312, 666-6315, 666-6342, 247-6060, 247-6282
439-6002, 533-6002

*****PLAN SHEETS*****

SHEETS 14A-14C (ESTIMATE & QUANTITY SHEETS): REVISED TO REFLECT CHANGES
MADE TO ESTIMATE AS NOTED ABOVE.

DESCRIPTION OF ABOVE CHANGES (CONTINUED)
(INCLUDING PLANS SHEET CHANGES)

SHEET 23 (SUMMARY OF WORKZONE QUANTITIES): DELETED BID ITEMS 545-6001 AND 6185-6001 & REPLACED WITH NEW BID ITEMS 545-6019 AND 6185-6002.

SHEET 24 (SUMMARY OF ROADWAY QUANTITIES): DELETED BID ITEMS 247-6060, 247-6282, 658-6008, AND 658-6049 & REPLACED WITH NEW BID ITEMS 247-6225, 275-6035, 658-6116, AND 658-6100.

SHEET 34 (SUMMARY CROSS CULVERT QUANTITIES): DELETED BID ITEM 658-6048 AND REPLACED WITH NEW BID ITEM 658-6099. ADDITIONALLY, NEW BID ITEM 462-6020 WAS ALSO ADDED TO QUANTITY SUMMARY TABLE.

SHEET 35 (SUMMARY OF PAVEMENT MARKING QUANTITIES): DELETED BID ITEMS 666-6303, 666-6312, 666-6315, AND 666-6342 & REPLACED WITH NEW BID ITEMS 666-6309, 666-6318, 666-6321, AND 666-6343. PM STANDARD REVISION YEAR WAS ALSO UPDATED TO -22 ON EXISTING NOTE BELOW QUANTITY SUMMARY TABLE TO CONFORM TO THE FINAL PLANS.

SHEET 48 (SUMMARY OF SW3P QUANTITIES): REVISED BID ITEM 166 ITEM DESCRIPTION IN QUANTITY SUMMARY TABLE AND ADDED NON-PAY & SUBSIDIARY TO ITEM 164 NOTE.

SHEET 96 (PLAN AND PROFILE STA 20+00 TO STA 32+00): REMOVED EXISTING CALLOUTS FOR CONCRETE OVERLAY. BID ITEM 439-6002 (CONCRETE OVERLAY (2IN)) WILL NOT BE USED ON THIS PROJECT, THEREFORE, IT WAS REMOVED FROM ESTIMATE.



Estimate & Quantity Sheet

CONTROLLING PROJECT ID 1057-03-045

DISTRICT Pharr
HIGHWAY FM 510

COUNTY Cameron

CONTROL SECTION JOB				1057-03-045		TOTAL EST.	TOTAL FINAL
PROJECT ID				A00123458			
COUNTY				Cameron			
HIGHWAY				FM 510			
ALT	BID CODE	DESCRIPTION	UNIT	EST.	FINAL		
	100-6002	PREPARING ROW	STA	403.000		403.000	
	104-6001	REMOVING CONC (PAV)	SY	31,754.000		31,754.000	
	104-6009	REMOVING CONC (RIPRAP)	SY	812.000		812.000	
	105-6095	REMOVING STAB BASE & ASPH PAV (12"-14")	SY	147,117.000		147,117.000	
	110-6001	EXCAVATION (ROADWAY)	CY	8,410.000		8,410.000	
	132-6006	EMBANKMENT (FINAL)(DENS CONT)(TY C)	CY	8,216.000		8,216.000	
	134-6001	BACKFILL (TY A)	STA	403.000		403.000	
	164-6009	BROADCAST SEED (TEMP) (WARM)	SY	169,219.000		169,219.000	
	164-6011	BROADCAST SEED (TEMP) (COOL)	SY	169,219.000		169,219.000	
	164-6036	DRILL SEEDING (PERM) (RURAL) (CLAY)	AC	34.110		34.110	
	168-6001	VEGETATIVE WATERING	MG	24.400		24.400	
	204-6003	SPRINKLING (DUST CONTROL)	MG	403.000		403.000	
	216-6001	PROOF ROLLING	HR	15.120		15.120	
	247-6225	FL BS (RDWY DEL)(TY E GR 4)(FNAL POS)	CY	65,573.000		65,573.000	
	260-6011	LIME TRT (EXST MATL) (12")	SY	198,674.000		198,674.000	
	260-6043	LIME (HYD, COM OR QK)(SLURRY)	TON	5,893.000		5,893.000	
	275-6001	CEMENT	TON	2,473.000		2,473.000	
	275-6035	CEMENT TREAT (NEW BASE)(12")	SY	196,691.000		196,691.000	
	316-6005	ASPH (TIER II)	GAL	55,704.000		55,704.000	
	316-6486	AGGR (TY-D GR-4P)(SAC-B)	CY	1,560.000		1,560.000	
	354-6021	PLANE ASPH CONC PAV(0" TO 2")	SY	370.000		370.000	
	354-6041	PLANE ASPH CONC PAV (1.5")	SY	457.000		457.000	
	401-6001	FLOWABLE BACKFILL	CY	1,749.000		1,749.000	
	432-6002	RIPRAP (CONC)(5 IN)	CY	157.000		157.000	
	432-6046	RIPRAP (MOW STRIP)(5 IN)	CY	135.000		135.000	
	450-6023	RAIL (TY SSTR)	LF	190.000		190.000	
	451-6024	RETROFIT RAIL (TY SSTR)	LF	134.000		134.000	
	462-6020	CONC BOX CULV (8 FT X 5 FT)	LF	98.000		98.000	
	464-6003	RC PIPE (CL III)(18 IN)	LF	686.000		686.000	
	467-6363	SET (TY II) (18 IN) (RCP) (6: 1) (P)	EA	38.000		38.000	
	480-6001	CLEAN EXIST CULVERTS	EA	21.000		21.000	
	496-6004	REMOV STR (SET)	EA	11.000		11.000	
	496-6007	REMOV STR (PIPE)	LF	546.000		546.000	
	496-6099	REMOVE STR (RAIL)	LF	209.000		209.000	
	500-6001	MOBILIZATION	LS	1.000		1.000	
	502-6001	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	20.000		20.000	
	506-6020	CONSTRUCTION EXITS (INSTALL) (TY 1)	SY	312.000		312.000	

1 REVISED 7/26/2023

DISTRICT	COUNTY	CCSJ	SHEET
Pharr	Cameron	1057-03-045	14A



Estimate & Quantity Sheet

CONTROLLING PROJECT ID 1057-03-045

DISTRICT Pharr
HIGHWAY FM 510

COUNTY Cameron

CONTROL SECTION JOB				1057-03-045		TOTAL EST.	TOTAL FINAL
PROJECT ID				A00123458			
COUNTY				Cameron			
HIGHWAY				FM 510			
ALT	BID CODE	DESCRIPTION	UNIT	EST.	FINAL		
	506-6024	CONSTRUCTION EXITS (REMOVE)	SY	446.000		446.000	
	506-6038	TEMP SEDMT CONT FENCE (INSTALL)	LF	430.000		430.000	
	506-6039	TEMP SEDMT CONT FENCE (REMOVE)	LF	430.000		430.000	
	506-6041	BIODEG EROSN CONT LOGS (INSTL) (12")	LF	30,195.000		30,195.000	
	506-6043	BIODEG EROSN CONT LOGS (REMOVE)	LF	30,195.000		30,195.000	
	512-6005	PORT CTB (FUR & INST)(F-SHAPE)(TY 1)	LF	570.000		570.000	
	512-6029	PORT CTB (MOVE)(F-SHAPE)(TY 1)	LF	1,165.000		1,165.000	
	512-6053	PORT CTB (REMOVE)(F-SHAPE)(TY 1)	LF	570.000		570.000	
	529-6036	CONCRETE CURB (SPECIAL)	LF	214.000		214.000	
	530-6005	DRIVEWAYS (ACP)	SY	12,472.000		12,472.000	
	540-6002	MTL W-BEAM GD FEN (STEEL POST)	LF	1,175.000		1,175.000	
	540-6006	MTL BEAM GD FEN TRANS (THRIE-BEAM)	EA	8.000		8.000	
	542-6001	REMOVE METAL BEAM GUARD FENCE	LF	1,050.000		1,050.000	
	542-6002	REMOVE TERMINAL ANCHOR SECTION	EA	2.000		2.000	
	542-6004	RM MTL BM GD FENCE TRANS (THRIE-BEAM)	EA	8.000		8.000	
	544-6001	GUARDRAIL END TREATMENT (INSTALL)	EA	11.000		11.000	
	544-6003	GUARDRAIL END TREATMENT (REMOVE)	EA	10.000		10.000	
	545-6003	CRASH CUSH ATTEN (MOVE & RESET)	EA	6.000		6.000	
	545-6005	CRASH CUSH ATTEN (REMOVE)	EA	2.000		2.000	
	545-6019	CRASH CUSH ATTEN (INSTL)(S)(N)(TL3)	EA	2.000		2.000	
	545-6026	CRASH CUSHION ATTEN (INSTALL) (QUAD)(N)	EA	1.000		1.000	
	560-6003	MAILBOX INSTALL-M (TWG-POST) TY 1	EA	1.000		1.000	
	560-6007	MAILBOX INSTALL-S (WC-POST) TY 3	EA	134.000		134.000	
	560-6008	MAILBOX INSTALL-D (WC-POST) TY 3	EA	5.000		5.000	
	636-6001	ALUMINUM SIGNS (TY A)	SF	136.000		136.000	
	644-6001	IN SM RD SN SUP&AM TY10BWG(1)SA(P)	EA	12.000		12.000	
	644-6027	IN SM RD SN SUP&AM TYS80(1)SA(P)	EA	78.000		78.000	
	644-6030	IN SM RD SN SUP&AM TYS80(1)SA(T)	EA	18.000		18.000	
	644-6033	IN SM RD SN SUP&AM TYS80(1)SA(U)	EA	6.000		6.000	
	644-6076	REMOVE SM RD SN SUP&AM	EA	88.000		88.000	
	658-6060	REMOVE DELIN & OBJECT MARKER ASSMS	EA	15.000		15.000	
	658-6099	INSTL OM ASSM (OM-2Z)(WFLX)GND	EA	22.000		22.000	
	658-6100	INSTL OM ASSM (OM-2Z)(WFLX)GND(BI)	EA	19.000		19.000	
	658-6116	INS DEL ASSM(D-SW)SZ 1(WFLX)GF2(BI)	EA	32.000		32.000	
	662-6004	WK ZN PAV MRK NON-REMOV (W)4"(SLD)	LF	81,000.000		81,000.000	
	662-6034	WK ZN PAV MRK NON-REMOV (Y)4"(SLD)	LF	81,000.000		81,000.000	
	662-6109	WK ZN PAV MRK SHT TERM (TAB)TY W	EA	4,050.000		4,050.000	

1 REVISED 7/26/2023

DISTRICT	COUNTY	CCSJ	SHEET
Pharr	Cameron	1057-03-045	14B



Estimate & Quantity Sheet

CONTROLLING PROJECT ID 1057-03-045

DISTRICT Pharr
HIGHWAY FM 510

COUNTY Cameron

CONTROL SECTION JOB				1057-03-045		TOTAL EST.	TOTAL FINAL
PROJECT ID				A00123458			
COUNTY				Cameron			
HIGHWAY				FM 510			
ALT	BID CODE	DESCRIPTION	UNIT	EST.	FINAL		
	662-6111	WK ZN PAV MRK SHT TERM (TAB)TY Y-2	EA	4,050.000		4,050.000	
	666-6036	REFL PAV MRK TY I (W)8"(SLD)(100MIL)	LF	602.000		602.000	
	666-6048	REFL PAV MRK TY I (W)24"(SLD)(100MIL)	LF	567.000		567.000	
	666-6141	REFL PAV MRK TY I (Y)12"(SLD)(100MIL)	LF	1,364.000		1,364.000	
	666-6309	RE PM W/RET REQ TY I (W)6"(SLD)(100MIL)	LF	79,405.000		79,405.000	
	666-6318	RE PM W/RET REQ TY I (Y)6"(BRK)(100MIL)	LF	7,880.000		7,880.000	
	666-6321	RE PM W/RET REQ TY I (Y)6"(SLD)(100MIL)	LF	24,466.000		24,466.000	
	666-6343	REF PROF PAV MRK TY I(W)6"(SLD)(100MIL)	LF	79,405.000		79,405.000	
	668-6077	PREFAB PAV MRK TY C (W) (ARROW)	EA	5.000		5.000	
	668-6085	PREFAB PAV MRK TY C (W) (WORD)	EA	5.000		5.000	
	668-6089	PREFAB PAV MRK TY C (W) (RR XING)	EA	2.000		2.000	
	672-6007	REFL PAV MRKR TY I-C	EA	951.000		951.000	
	672-6009	REFL PAV MRKR TY II-A-A	EA	960.000		960.000	
	752-6003	TREE TRIMMING / BRUSH REMOVAL	MI	1.000		1.000	
	752-6006	TREE REMOVAL (12" - 18" DIA)	EA	12.000		12.000	
	760-6001	DITCH CLEANING AND RESHAPING (FOOT)	LF	80,872.000		80,872.000	
	3077-6065	SP MIXESSP-DSAC-A PG76-22	TON	31,199.000		31,199.000	
	3080-6007	STONE-MTRX-ASPH SMA-D SAC-A PG76-22	TON	39.070		39.070	
	5001-6002	GEOGRID BASE REINFORCEMENT (TY II)	SY	198,674.000		198,674.000	
	6001-6002	PORTABLE CHANGEABLE MESSAGE SIGN	EA	2.000		2.000	
	6056-6002	PREFORMED CENTERLINE RUMBLE STRIP	LF	39,150.000		39,150.000	
	6185-6002	TMA (STATIONARY)	DAY	347.000		347.000	
	6185-6003	TMA (MOBILE OPERATION)	HR	200.000		200.000	
	18	SAFETY CONTINGENCY: CONTRACTOR FORCE ACCOUNT WORK (PARTICIPATING)	LS	1.000		1.000	
		EROSION CONTROL MAINTENANCE: CONTRACTOR FORCE ACCOUNT WORK (PART)	LS	1.000		1.000	

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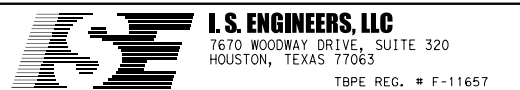
DISTRICT	COUNTY	CCSJ	SHEET
Pharr	Cameron	1057-03-045	14C

FILENAME: L:\Pharr District\FM*1425*ETC\CADD\Sheets\FM510\03 Quantity Summary.es\SUMMARY OF WORKZONE QUANTITIES.dgn
 DRAWING DATE: 6/27/2022

SUMMARY OF WORKZONE ITEMS

LOCATION (STA TO STA)	512	512	512	545	545	545	662	662	662	662	6001	6185	6185
	6005	6029	6053	6019	6003	6005	6004	6034	6109	6111	6002	6002	6003
	PORT CTB (FUR & INST) (F-SHAPE) (TY 1)	PORT CTB (MOVE) (F-SHAPE) (TY 1)	PORT CTB (REMOVE) (F-SHAPE) (TY 1)	△ CRASH CUSH ATTEN (INSTR) (S)(N)(TL3)	CRASH CUSH ATTEN (MOVE & RESET)	CRASH CUSH ATTEN (REMOVE)	WK ZN PAV MRK NON-REMOV (W) 4" (SLD)	WK ZN PAV MRK NON-REMOV (Y) 4" (SLD)	WK ZN PAV MRK SHT TERM (TAB) TY W	WK ZN PAV MRK SHT TERM (TAB) TY Y-2	PORTABLE CHANGEABLE MESSAGE SIGN	△ TMA (STATIONARY)	TMA (MOBILE OPERATION)
CSJ: 1057-03-045	LF	LF	LF	EA	EA	EA	LF	LF	EA	EA	EA	DAY	HR
	570	1,165	570	2	6	2	81,000	81,000	4,050	4,050	2	347	200
PROJECT TOTALS	570	1,165	570	2	6	2	81,000	81,000	4,050	4,050	2	347	200

1 REVISED 7/26/2023



FM 510

**SUMMARY OF WORKZONE
QUANTITIES**

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		HIGHWAY NO.
6			FM 510
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	PHARR	CAMERON	
CONTROL	SECTION	JOB	
1057	03	045	23

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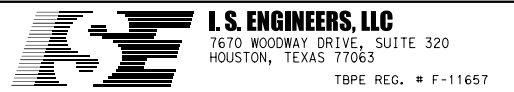
DRAWING DATE: 6/27/2022

SUMMARY OF CROSS CULVERT STRUCTURES									
ITEM		104 6009	401 6001	432 6002	480 6001	529 6036	658 6099	658 6060	760 6001
STATION	CULVERT NO.	REMOVING CONC (RIPRAP)	FLOWABLE BACKFILL	RIPRAP (CONC) (5 IN)	CLEAN EXIST CULVERTS	CONCRETE CURB (SPECIAL)	INSTL OM ASSM (CONC) (FLX) (ND)	REMOVE DELIN & OBJECT MARKER ASSMS	DITCH CLEANING AND RESHAPING (FOOT)
		SY	CY	CY	EA	LF	EA	EA	LF
14+11.75	1		59						
21+01.85	2		58						
27+41.76	3		65		1				
55+97.55	4		60						
61+09.36	5		58		1		2	1	
69+67.02	6		141		1		2	2	
70+01.66	7		141						
82+41.59	8	70	60	15	1		2	1	100
95+62.96	9	28	61	6	1		2	1	50
110+09.30	10		60		1		2	2	
135+20.72	11		58		1		2	2	
139+83.58	12	87	63	18	1	90			
161+37.68	13		63						
179+78.04	14		65		1				
231+26.60	15		62		1				
243+13.20	16		35		1				
251+72.42	16A		63		1				100
252+13.37	17	149	66	29	1	124			
252+76.21	18	91	66	18	1		2	1	
268+98.30	18A		60		1				
282+10.08	19	171	71	32	1		2	2	
282+47.18	19A		59						
321+86.47	20		58		1		2	1	
334+71.83	21		59		2		2		
361+93.75	22	216	76	39	1		2	2	
390+52.95	23		62		1				
PROJECT TOTALS		812	1,749	157	21	214	22	15	250

Δ 462
 6020
 CONC BOX CULV
 (8 FT X 5 FT)
 LF

 98
 98

1 REVISED 7/26/2023



FM 510
SUMMARY CROSS CULVERT
QUANTITIES

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		HIGHWAY NO.
6			FM 510
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	PHARR	CAMERON	
CONTROL	SECTION	JOB	34
1057	03	045	

DRAWING DATE: 6/27/2022 FILENAME: L:\Pharr District\FM*1425*ETC\CADD\Sheets\FM510\10 Signing Striping and Signals\FM510*S&PM\SUMMARY OF PVMK QUANTITIES.dgn

SUMMARY OF PAVEMENT MARKING QUANTITIES

SHEET SEQUENCE	ITEM		666	666	666	666	666	666	666	668	668	668	672	672	6056	
	DESC. CODE		6036	6048	6141	6309	6318	6321	6343	6077	6085	6089	6007	6009	6002	
	LOCATION		REFL PAV MRK TY I (W) 8" (SLD) (100MIL)	REFL PAV MRK TY I (W) 24" (SLD) (100MIL)	REFL PAV MRK TY I (Y) 12" (SLD) (100MIL)	RE PM W/RET REQ TY I (W) 6" (SLD) (100MIL)	RE PM W/RET REQ TY I (Y) 6" (BRK) (100MIL)	RE PM W/RET REQ TY I (Y) 6" (SLD) (100MIL)	REF PROF PAV MRK TY I (W) 6" (SLD) (100MIL)	PREFAB PAV MRK TY C (W) (ARROW)	PREFAB PAV MRK TY C (W) (WORD)	PREFAB PAV MRK TY C (W) (RR XING)	REFL PAV MRKR TY I-C	REFL PAV MRKR TY II-A-A	PREFORMED CENTERLINE RUMBLE STRIP	
	(STA TO STA)					△	△	△	△							
CSJ: 1057-03-045		LF	LF	LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	LF		
SHEET 1 OF 18	BEGIN	TO 8+00.00	350	114	535	1,510		1,980	1,510	3				170	105	620
	08+00.00	TO 20+00.00				2,400		2,400	2,400					25	31	1,200
SHEET 2 OF 18	20+00.00	TO 32+00.00				2,400	100	2,012	2,400				200	32	1,200	
	32+00.00	TO 44+00.00				2,354	300	400	2,354					22	1,154	
SHEET 3 OF 18	44+00.00	TO 56+00.00				2,400	300		2,400					16	1,200	
	56+00.00	TO 68+00.00		12		2,320	290		2,320					15	1,120	
SHEET 4 OF 18	68+00.00	TO 80+00.00		38		2,292	280		2,292					15	1,146	
	80+00.00	TO 92+00.00				2,400	300		2,400					16	1,200	
SHEET 5 OF 18	92+00.00	TO 104+00.00		12		2,362	290		2,362					15	1,162	
	104+00.00	TO 116+00.00				2,347	290	1,054	2,347					28	1,147	
SHEET 6 OF 18	116+00.00	TO 128+00.00		20		2,359	290	542	2,359					22	1,159	
	128+00.00	TO 140+00.00				2,400	300		2,400					16	1,200	
SHEET 7 OF 18	140+00.00	TO 152+00.00				2,400	300		2,400					16	1,200	
	152+00.00	TO 164+00.00		24		2,260	290		2,260					15	1,139	
SHEET 8 OF 18	164+00.00	TO 176+00.00				2,400	300	140	2,400					18	1,200	
	176+00.00	TO 188+00.00				2,400	150	1,905	2,400					31	1,200	
SHEET 9 OF 18	188+00.00	TO 200+00.00		12		2,350		2,300	2,350				342	29	1,150	
	200+00.00	TO 212+00.00		24		2,245		2,244	2,245					28	1,044	
SHEET 10 OF 18	212+00.00	TO 224+00.00				2,400	220	1,544	2,400				140	31	1,200	
	224+00.00	TO 236+00.00				2,463	290	1,048	2,463				27	29	1,140	
SHEET 11 OF 18	236+00.00	TO 248+00.00		12	224	2,340	240	1,510	2,340				32	72	1,140	
	248+00.00	TO 260+00.00	252	96	605	2,140	70	2,615	2,140	2	2		15	145	1,112	
SHEET 12 OF 18	260+00.00	TO 272+00.00		32		2,260	280		2,260					14	1,060	
	272+00.00	TO 284+00.00				2,400	300		2,400					16	1,200	
SHEET 13 OF 18	284+00.00	TO 296+00.00				2,400	300		2,400					16	1,200	
	296+00.00	TO 308+00.00				2,400	300		2,400					16	1,200	
SHEET 14 OF 18	308+00.00	TO 320+00.00				2,400	300		2,400					16	1,200	
	320+00.00	TO 332+00.00				2,400	270	242	2,400					18	1,200	
SHEET 15 OF 18	332+00.00	TO 344+00.00		96		2,200	60	1,846	2,200				2	28	1,045	
	344+00.00	TO 356+00.00				2,400	280	100	2,400					18	1,200	
SHEET 16 OF 18	356+00.00	TO 368+00.00				2,400	300		2,400					16	1,200	
	368+00.00	TO 380+00.00				2,400	300		2,400					16	1,200	
SHEET 17 OF 18	380+00.00	TO 392+00.00				2,400	300		2,400					16	1,200	
	392+00.00	TO 404+00.00		47		2,262	290	516	2,262					21	1,177	
SHEET 18 OF 18	404+00.00	TO END		28		141		68	141					2	35	
	PROJECT TOTALS		602	567	1,364	79,405	7,880	24,466	79,405	5	5	2	951	960	39,150	

(*) PROFILE PAVEMENT MARKING QUANTITIES ACCOUNT FOR TWO APPLICATIONS OF PAINT AT 100 MIL THICKNESS TO PROVIDE MINIMUM 300 MIL IN HEIGHT THAT IS REQUIRED BY STANDARD PM(2)-22. △

1 REVISED 7/26/2023



FM 510
SUMMARY OF PAVEMENT MARKING QUANTITIES



FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		HIGHWAY NO.
6			FM 510
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	PHARR	CAMERON	35
CONTROL	SECTION	JOB	
1057	03	045	

FILENAME: L:\Pharr District\FM*1425*ETC\CADD\Sheets\FM510\03 Quantity Summary\FM510*SUM*SW3P*03.dgn
 DRAWING DATE: 6/27/2022

SUMMARY OF EROSION CONTROL DEVICES

LOCATION (STA TO STA)	164	164	△ 166	168	506	506	506	506	506	506
	6009	6011	NON-PAY	6001	6020	6024	6038	6039	6041	6043
	BROADCAST SEED (TEMP) (WARM)	BROADCAST SEED (TEMP) (COOL)	FERTILIZER (SUBSIDIARY TO ITEM 164)	VEGETATIVE WATERING	CONSTRUCTION EXITS (INSTALL) (TY 1)	CONSTRUCTION EXITS (REMOVE)	TEMP SEDMT CONT FENCE (INSTALL)	TEMP SEDMT CONT FENCE (REMOVE)	BIODEG EROSN CONT LOGS (INSTL) (12")	BIODEG EROSN CONT LOGS (REMOVE)
	SY	SY	TON	MG	SY	SY	LF	LF	LF	LF
260+00.00 TO 272+00.00										547
272+00.00 TO 284+00.00										977
284+00.00 TO 296+00.00										552
296+00.00 TO 308+00.00										390
308+00.00 TO 320+00.00										240
320+00.00 TO 332+00.00										1,710
332+00.00 TO 344+00.00										2,169
344+00.00 TO 356+00.00										2,611
356+00.00 TO 368+00.00								90		2,031
368+00.00 TO 380+00.00										2,589
380+00.00 TO 392+00.00										1,098
392+00.00 TO 404+00.00										452
404+00.00 TO END						134				
TOTAL CSJ: 1057-03-045	169,219	169,219	8.74	8.1	312	446	430	430	30,195	30,195
PROJECT TOTALS	169,219	169,219	8.74	8.1	312	446	430	430	30,195	30,195

1 REVISED 7/26/2023

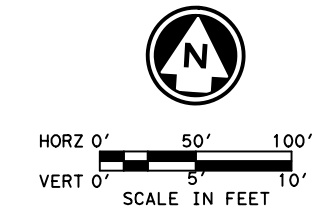
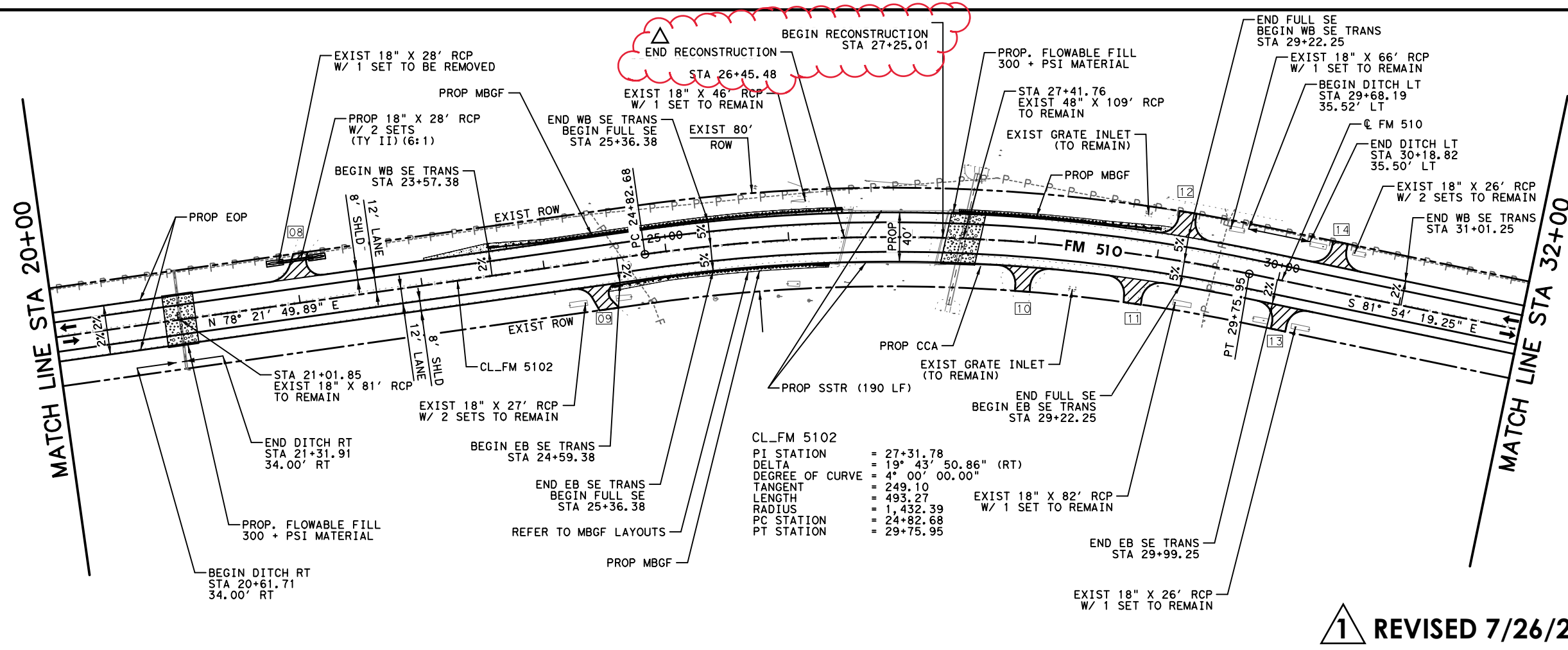

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 I.S. ENGINEERS, LLC
 7670 WOODWAY DRIVE, SUITE 320
 HOUSTON, TEXAS 77063
 TBPE REG. # F-11657

FM 510
SUMMARY OF SW3P
QUANTITIES

SHEET 3 OF 3

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		HIGHWAY NO.
6			FM 510
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	PHARR	CAMERON	48
CONTROL	SECTION	JOB	
1057	03	045	

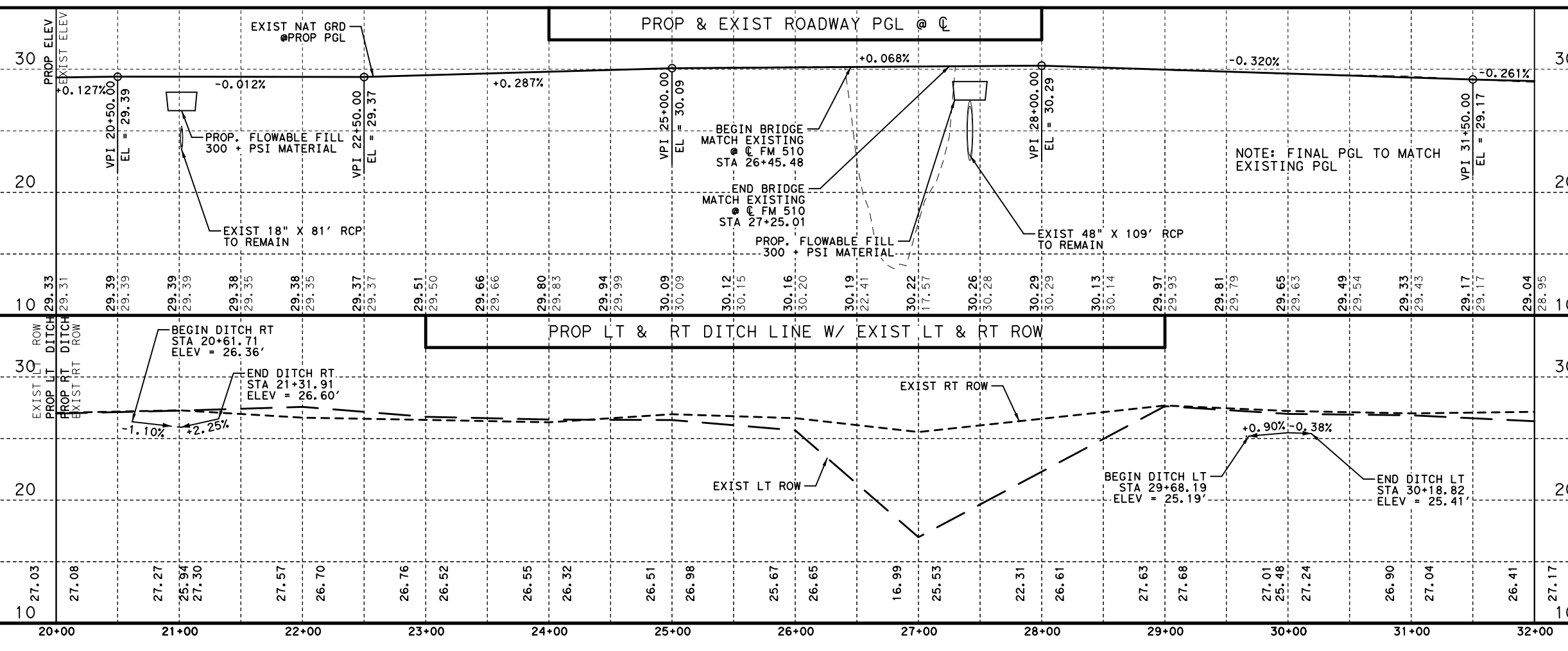
FILENAME: L:\Pharr District\FM1425*ETC\CADD\Sheets\FM510\05 Roadway Detail\FM510*P&P*03.dgn
DRAWING DATE: 6/27/2022



- NOTES:**
- EXISTING ROW LINE IS RECREATED FROM THE AVAILABLE AS-BUILT INFORMATION. NO ROW SURVEY HAS BEEN PERFORMED FOR THIS PROJECT.
 - CONTRACTOR IS RESPONSIBLE TO LOCATE EXISTING UTILITIES PRIOR TO WORK.

- LEGEND:**
- PROPOSED TRAFFIC
 - EXISTING TRAFFIC
 - RIGHT-OF-WAY LINE
 - DIRECTION OF FLOW
 - OVERHEAD POWER LINE
 - UNDERGROUND GAS LINE
 - TEST HOLE
 - DRIVEWAY NUMEBR
 - MAILBOX TURNOUT
 - RIPRAP (CONC) (5 IN)
 - PROP ACP DRIVEWAY

1 REVISED 7/26/2023



Texas Department of Transportation
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I. S. ENGINEERS, LLC
7670 WOODWAY DRIVE, SUITE 320
HOUSTON, TEXAS 77063
TBPE REG. # F-11657

FM 510

PLAN AND PROFILE
STA 20+00 TO STA 32+00

SHEET 3 OF 35

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	HIGHWAY NO.
6		FM 510
STATE	DISTRICT	COUNTY
TEXAS	PHARR	CAMERON
CONTROL	SECTION	JOB
1057	03	045
		SHEET NO.
		96