

DESCRIPTION	REVISIONS	DATE
ADJUST HT. OF CLF TO 4'		09/29/2020

CROSSDRAIN SUMMARY

STR. NO.	STATION	DESCRIPTION	DESIGN	FLOWLINE IN	FLOWLINE OUT	UNCLASSIFIED EXCAVATION	SOLID SLAB SODDING	STRUCTURAL EXCAVATION UNCLASSIFIED	CLASS AA CONCRETE	REINFORCING STEEL	TYPE I PLAIN RIPRAP	SMD TYPE 1	R.C.P. - ROUND				C.E.T.		S.C.E.S
						202(A)	230(A)	501(A)	509(A)	511(A)	601(A)	611(G)	18"	24"	30"	48"	B4	AA4	C4
						C.Y.	S.Y.	C.Y.	C.Y.	LBS.	TON	EA.	L.F.	L.F.	L.F.	L.F.	EA.	EA.	EA.
XD-1	73+50.00	CONST 24" x 65' R.C.P. - ROUND W/CET	CET 4S-3, RS, NG	887.03	886.70		12										2		
XD-2	82+10.00	CONST 24" x 59' R.C.P. - ROUND W/CET	CET 4S-3, RS, NG	898.30	898.00		12										2		
XD-3	100+05.00	CONST 2-18" x 55' R.C.P. - ROUND W/CET	CET 4D-3, RS, NG	917.50	917.20		6				13			110				2	
XD-4	114+20.00	CONST 24" x 68' R.C.P. - ROUND W/CET	CET 4S-3, RS, NG	916.25	915.90		12										2		
BD-1	129+88.00	CONST DBL 14'x8' R.C.B. W/END WING WALLS	RCB-C1-14(2-10)-01E	884.24	883.50	SEE SHEET B-1 FOR SUMMARY													
XD-5	153+43.00	CONST 14' x 5' x 65' R.C.B. / SKEW 30°	RCB-C1-14(2-10)-01E	918.83	918.50	554		137	160.0	26,836									
XD-6	158+36.00	CONST 12' x 4' x 48' R.C.B. / SKEW 30°	RCB-C1-12(2-14)-01E	920.26	920.00	516		162	161.0	25,754									
XD-7	158+41.00	CONST 30" x 65' R.C.P. - ROUND W/CET	CET 4S-3, RS, NG	920.00	920.33		6									65			1
XD-8	206+94.00	CONST 48" x 137' R.C.P. - ROUND W/RET WALL	MJB-3	903.50	902.81						60						137		
XD-9	300+37.56	CONST 24" x 97' R.C.P. - ROUND W/CET & SMD	SMD-3, CET 4S-3, RS, NG	916.30	915.97		6					1			97			1	
TOTAL =						1,070	54	299	321	52,590	345	1	110	289	65	137	7	2	1

SIDEDRAIN SUMMARY

STR. NO.	STATION	SIDE	DESCRIPTION	DESIGN (ALL CET DESIGNS ARE RS, NG UNLESS NOTED OTHERWISE)	FLOWLINE IN	FLOWLINE OUT	RCP - ROUND		6" I.D. MH	SMD TYPE 1	CET TYPE A4	CET TYPE A6	CET TYPE B4	CET TYPE B6
							18"	24"						
							613(A)	611(A)						
SD-1	16+76.00	RT.	CONSTR. 18" x 75' R.C.P. - ROUND W/CET	CET 4S-3, CET 6S-3	878.67	877.17	75							
SD-2	45+98.00	RT.	CONSTR. 18" x 81' R.C.P. - ROUND W/CET	CET 4S-3, CET 6S-3	879.12	878.60	81							
SD-3	46+70.00	LT.	CONSTR. 18" x 75' R.C.P. - ROUND W/CET	CET 4S-3, CET 6S-3	879.39	878.54	75							
SD-4	62+56.00	RT.	CONSTR. 18" x 71' R.C.P. - ROUND W/CET & SMD	SMD-3, CET 6S-3	893.37	893.06	71		1					
SD-5	69+42.00	LT.	CONSTR. 18" x 65' R.C.P. - ROUND W/CET	CET 4S-3	892.36	892.02	65			1				
SD-6	70+02.00	LT.	CONSTR. 18" x 71' R.C.P. - ROUND W/CET & SMD	SMD-3, CET 6S-3	892.02	891.66	71		1					
SD-7	74+13.00	LT.	CONSTR. 18" x 75' R.C.P. - ROUND W/CET	CET 4S-3, CET 6S-3	890.06	888.17	75			1				
SD-8	95+77.31	RT.	CONSTR. 18" x 100' R.C.P. - ROUND W/CET	CET 4S-3, CET 6S-3	916.15	915.65	100			1				
SD-9	101+31.00	LT.	CONSTR. 18" x 75' R.C.P. - ROUND W/CET	CET 4S-3, CET 6S-3	918.98	918.49	75			1				
SD-10	103+04.27	LT.	CONSTR. 18" x 75' R.C.P. - ROUND W/CET	CET 4S-3, CET 6S-3	920.10	919.61	75			1				
SD-11	103+34.29	RT.	CONSTR. 18" x 79' R.C.P. - ROUND W/CET	CET 4S-3, CET 6S-3	918.61	918.37	79			1				
SD-12	121+78.00	RT.	CONSTR. 18" x 75' R.C.P. - ROUND W/CET	CET 4S-3, CET 6S-3	913.81	913.36	75			1				
SD-13	129+82.00	RT.	CONSTR. 24" x 16' R.C.P. - ROUND W/CET	CET 6S-3	888.97	886.71		16					1	
SD-14	130+13.00	LT.	CONSTR. 18" x 28' R.C.P. - ROUND W/SMD	SMD-3	889.97	887.17	28		1					
SD-15	130+35.00	RT.	CONSTR. 18" x 47' R.C.P. - ROUND W/SMD	SMD-3	891.55	886.85	47		1					
SD-16	139+82.00	RT.	CONSTR. 18" x 75' R.C.P. - ROUND W/CET	CET 4S-3, CET 6S-3	927.88	927.51	75			1				
SD-17	145+64.00	RT.	CONSTR. 18" x 75' R.C.P. - ROUND W/CET	CET 4S-3, CET 6S-3	928.53	927.65	75			1				
SD-18	148+24.00	LT.	CONSTR. 24" x 131' R.C.P. - ROUND W/CET	CET 4S-3, CET 6S-3	925.48	923.08		131				1	1	
SD-19	152+50.00	RT.	CONSTR. 18" x 75' R.C.P. - ROUND W/CET	CET 4S-3, CET 6S-3	919.32	919.04	75			1				
SD-20	156+38.00	LT.	CONSTR. 18" x 75' R.C.P. - ROUND W/CET	CET 4S-3, CET 6S-3	919.65	919.39	75			1				
SD-21	157+88.00	LT.	CONSTR. 18" x 75' R.C.P. - ROUND W/CET	CET 4S-3, CET 6S-3	921.10	920.07	75			1				
SD-22			NOT USED											
SD-23	175+02.00	RT.	CONSTR. 18" x 81' R.C.P. - ROUND W/CET	CET 4S-3, CET 6S-3	947.99	945.51	81			1				
SD-24	175+19.00	LT.	CONSTR. 24" x 91' R.C.P. - ROUND W/CET	CET 4S-3, CET 6S-3	948.81	945.92		91				1	1	
SD-25	177+01.00	LT.	CONSTR. 24" x 49' R.C.P. - ROUND W/CET & SMD	SMD-3, CET 4S-3	952.23	951.98		49		1				
SD-26	177+45.00	LT.	CONSTR. 24" x 55' R.C.P. - ROUND W/CET	CET 6S-3	955.18	952.23		55					1	
SD-27	180+37.00	LT.	CONSTR. 24" x 48' R.C.P. - ROUND W/CET & SMD	SMD-3, CET 4S-3	960.29	960.05		48		1				
SD-28	180+79.00	LT.	CONSTR. 24" x 54' R.C.P. - ROUND W/CET	CET 6S-3	961.07	960.29		54					1	
SD-29	188+74.00	LT.	CONSTR. 18" x 75' R.C.P. - ROUND W/CET	CET 4S-3, CET 6S-3	960.08	958.67	75			1				
SD-30	199+34.00	RT.	CONSTR. 18" x 75' R.C.P. - ROUND W/CET	CET 4S-3, CET 6S-3	950.93	949.18				1				
SD-31	201+73.00	LT.	CONSTR. 24" x 75' R.C.P. - ROUND W/CET	CET 4S-3, CET 6S-3	943.24	940.41		75					1	
SD-32	206+92.00	LT.	CONSTR. 24" x 77' R.C.P. - ROUND W/SMD & MH	SMD-3, MJB-3, MFC-4	917.00	910.84		77	1	1				
SD-33	207+44.00	RT.	CONSTR. 24" x 112' R.C.P. - ROUND W/SMD & MH	SMD-3, MJB-3, MFC-4	920.00	913.28		112	1	1				
SD-34	304+03.00	LT.	CONSTR. 18" x 75' R.C.P. - ROUND W/CET	CET 4S-3, CET 6S-3	920.68	919.88				1				
TOTAL =							1523	708	2	8	19	20	5	6

SUMMARY OF EROSION CONTROL

STATION EXTENTS	SOLID SLAB SODDING 230(A)	TEMPORARY SILT FENCE 221(C)	TEMPORARY SILT DIKE 221(F)	TEMPORARY FIBER LOG 221(K)	VEGETATIVE MULCHING 233(A)
	S.Y.	L.F.	L.F.	L.F.	AC.
10+00.00 TO 37+00.00	16,039	3670	99	0	5.73
37+00.00 TO 66+50.00	16,431	3000	144	20	6.26
66+50.00 TO 96+50.00	16,153	1600	270	20	6.16
96+50.00 TO 133+50.00	21,165	770	387	80	8.07
133+50.00 TO 178+50.00	25,064	0	513	40	9.55
178+50.00 TO 221+00.00	23,672	0	342	60	9.02
221+00.00 TO 307+00.00	3,899	630	18	0	1.49
TOTALS =	121,423	9670	1773	220	46.28

SUMMARY OF TEMPORARY EROSION CONTROL

STATION EXTENTS	TEMPORARY SILT FENCE 221(C)	TEMPORARY SILT DIKE 221(F)	TEMPORARY FIBER LOG 221(K)	VEGETATIVE MULCHING 233(A)
	L.F.	L.F.	L.F.	AC.
10+00.00 TO 37+00.00	3670	99	0	5.73
37+00.00 TO 66+50.00	3000	144	20	6.26
66+50.00 TO 96+50.00	1600	270	20	6.16
96+50.00 TO 133+50.00	770	387	80	8.07
133+50.00 TO 178+50.00	0	513	40	9.55
178+50.00 TO 221+00.00	0	342	60	9.02
221+00.00 TO 307+00.00	630	18	0	1.49
TOTALS =	9670	1773	220	46.28

SUMMARY OF PAVEMENT MARKINGS (PERMANENT)

STATION EXTENTS	RUMBLE STRIP - CENTERLINE HMA-CON 413(A)	TRAFFIC STRIPE (MULTI-POLY) (4" WIDE) WHITE 856(A)	TRAFFIC STRIPE (MULTI-POLY) (4" WIDE) YELLOW 856(A)
	L.F.	L.F.	L.F.
10+00.00 TO 133+40.00	12,340	24,640	24,840
133+40.00 TO 221+00.00	8,760	17,790	17,200
300+00.00 TO 306+00.00	600	1,040	1,040
TOTALS =	21,700	43,470	43,080

FENCE SUMMARY

STATION EXTENTS	FENCE-STYLE SWF (5 BARBED WIRE) 624(C)	(PL) WOOD PRIVACY FENCE 624	FENCE-STYLE CLF (4' HIGH, CLASS A) 624(E)
	L.F.	L.F.	L.F.
19+27.39 TO 32+90.00 RT.	1,363		
46+20.81 TO 54+97.23 RT.	876		
155+37.07 TO 156+72.10 LT.	135		
156+72.10 TO 157+62.00 LT.		90	
157+62.00 TO 158+29.00 LT.			51
158+29.00 TO 174+99.99 LT.	1,671		
206+18.00 TO 207+63.00 RT.			145
206+85.00 TO 207+75.00 LT.			90
TOTALS =	4,045	90	286

DITCH TREATMENT SUMMARY

STATION EXTENTS	DESIGN	TYPE	BOTTOM WIDTH	CURTAIN WALLS	CLASS C CONCRETE 509(D)
			FT.	EA.	C.Y.
72+80.00 TO 73+47.00 LT.	DC-3	DES. NO. 2A	2	2	4.0
125+50.00 TO 128+65.00 LT.	DC-3	DES. NO. 2A	2	4	17.0
125+50.00 TO 129+70.00 RT.	DC-3	DES. NO. 2A	2	5	23.0
130+30.00 TO 136+00.00 LT.	DC-3	DES. NO. 2A	2	7	31.0
130+60.00 TO 132+90.00 RT.	DC-3	DES. NO. 2A	2	3	13.0
154+05.00 TO 157+71.00 RT.	SEE SHEET 2B	SPECIAL	12 TO 19.5	5	170.0
170+00.00 TO 174+65.00 LT.	DC-3	DES. NO. 2A	2	6	25.0
170+00.00 TO 174+65.00 RT.	DC-3	DES. NO. 2A	2	6	25.0
175+50.00 TO 179+00.00 RT.	DC-3	DES. NO. 2A	2	5	19.0
175+70.00 TO 176+74.00 LT.	DC-3	DES. NO. 2A	2	2	6.0
177+78.00 TO 179+00.00 LT.	DC-3	DES. NO. 2A	2	2	7.0
198+00.00 TO 201+30.00 LT.	DC-3	DES. NO. 2A	2	4	18.0
199+70.00 TO 205+20.00 RT.	DC-3	DES. NO. 2A	2	7	30.0
202+15.00 TO 206+50.00 LT.	DC-3	DES. NO. 2A	2	5	24.0
208+00.00 TO 213+00.00 RT.	DC-3	DES. NO. 2A	2	6	27.0
300+30.00 TO 301+50.00 RT.	DC-3	DES. NO. 2A	2	2	7.0
TOTALS =					446.0

SUMMARY SHEETS
(SHEET NO. 2 OF 2)