

• THE CONTRACTOR SHALL PROVIDE BRACING FOR THE TEMPORARY SIGNAL POLE DURING CONSTRUCTION OF PROPOSED DRAINAGE STRUCTURE NO. 13. THE COST ASSOCIATED WITH BRACING SHALL BE INCLUDED IN THE CONTRACT PRICE FOR "TEMPORARY TRAFFIC SIGNAL INSTALLATION".

PROPOSED DRAINAGE STRUCTURE SCHEDULE

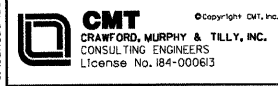
STRUCTURE NO.	TYPE	STATION	OFFSET	RIM ELEV.	INVERT (IN)	INVERT (S)	INVERT (E)	INVERT (W)	FRAMES & GRATES	CONCRETE HEADWALL	HEADWALL GRATES (LBS)	REINF BARS (LBS)
13	CB TY C, TY 8 FR & GR	140+50	44' RT	717.70				714.12	TY 8 FR & GR			
14	INLET TY A 24" Ø, TY 24 FR & GR	144+00	42' LT	715.72		710.57			TY 24 FR & GR			
15	CB TY A 48" Ø, TY 24 FR & GR	144+00	30' RT	715.97	709.85	709.75			TY 24 FR & GR			
16	CB TY A 48" Ø, TY 1 FR & GR	144+00	48' RT	713.19	709.63		709.53		TY 1 FR & GR			
17	INLET TY A 24" Ø, TY 24 FR & GR	146+50	30' LT	709.17	FIELD	704.43			TY 24 FR & GR			
18	CB TY A 48" Ø, TY 24 FR & GR	146+50	30' RT	709.18	703.83	703.73			TY 24 FR & GR			
19	CB TY A 48" Ø, TY 1 FR & GR	146+50	48' RT	710.00	703.61		703.21	704.61	TY 1 FR & GR			
20	CB TY A 48" Ø, TY 1 FR & GR	147+76	49.5' RT	707.47	700.18				TY 1 FR & GR			
21	CB TY A 60" Ø, TY 1 FR & CL	147+78	41' RT	707.48		700.09	699.69	700.09	TY 1 FR & CL			
22	INLET TY A 24" Ø, TY 24 FR & GR	149+00	30' LT	702.31		696.78			TY 24 FR & GR			
23	CB TY A 48" Ø, TY 24 FR & GR	149+00	30' RT	702.31	696.18	696.08			TY 24 FR & GR			
24	CB TY A 60" Ø, TY 1 FR & CL	149+00	41' RT	704.32	696.03		695.23	697.33	TY 1 FR & CL			
25	CB TY A 60" Ø, TY 1 FR & GR	150+00	48' RT	701.46			693.21	693.31	TY 1 FR & GR			
26	INLET TY A 24" Ø, TY 24 FR & GR	152+00	30' LT	695.59		690.87			TY 24 FR & GR			
27	CB TY A 48" Ø, TY 24 FR & GR	152+00	30' RT	695.59	690.27	690.17			TY 24 FR & GR			
28	CB TY A 60" Ø, TY 1 FR & GR	152+00	46' RT	694.20	690.07		688.87	689.27	TY 1 FR & GR			

PROPOSED DRAINAGE PIPE SCHEDULE

PIPE NO.	STRUCTURE FROM	STRUCTURE TO	SIZE	LENGTH	SLOPE	TYPE	TRENCH BACKFILL (CU. YD.)
12	14	15	12"	72'	1.00%	SS CL A, TY 2, 12"	37.4
13	15	16	12"	12'	1.00%	SS CL A, TY 2, 12"	2.3
14	16	19	12"	246'	2.00%	SS CL A, TY 2, 12"	0.0
15	17	18	12"	60'	1.00%	SS CL A, TY 2, 12"	26.4
16	18	19	12"	12'	1.00%	SS CL A, TY 2, 12"	2.7
17	19	21	18"	125'	2.50%	SS CL A, TY 2, 18"	0.0
18	20	21	18"	4'	1.50%	SS CL A, TY 2, 18"	0.0
19	21	24	24"	118'	2.00%	SS CL A, TY 2, 24"	0.0
20	22	23	12"	60'	1.00%	SS CL A, TY 2, 12"	33.1
21	23	24	12"	6'	1.00%	SS CL A, TY 2, 12"	3.5
22	24	25	24"	96'	2.00%	SS CL A, TY 2, 24"	0.0
23	25	28	24"	197'	2.00%	SS CL A, TY 2, 24"	20.0
24	26	27	12"	60'	1.00%	SS CL A, TY 2, 12"	25.4
25	27	28	12"	11'	1.00%	SS CL A, TY 2, 12"	2.7

NOTES: 1. "FIELD" NOTATION IN SCHEDULE REFERS TO EXISTING FIELD TILE CONNECTION TO PROPOSED DRAINAGE STRUCTURE. TIE-IN INVERT ELEVATION OF EXISTING FIELD TILE SHALL BE DETERMINED IN THE FIELD.

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USER NAME = Steve Prange
 PLOT SCALE = 50.0000' / IN.
 PLOT DATE = 05/29/09

DESIGNED - SJP
 DRAWN - SJP
 CHECKED - KDN
 DATE - 05/29/09

REVISED -
 REVISED -
 REVISED -
 REVISED -



PROPOSED DRAINAGE PLAN
 SCALE: 1"=50' SHEET NO. 2 OF 10 SHEETS STA. 140+00 TO STA. 152+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1016	02-00110-12-WR	LAKE	206	70
CONTRACT NO. 63209				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				