



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)
64	INLET TY A 24" Ø, TY 24 FR & GR	165+30	32' LT	695.97	690.17				TY 24 FR & GR			
65	CB TY A 48" Ø, TY 24 FR & GR	165+30	32' RT	695.97	689.53	689.43			TY 24 FR & GR			
66	CB TY A 48" Ø, TY 1 FR & GR	165+30	50' RT	694.90	689.28	690.98	688.88		TY 1 FR & GR			
67	INLET TY A 24" Ø, TY 24 FR & GR	166+90	32' LT	702.09	695.68				TY 24 FR & GR			
68	CB TY A 48" Ø, TY 24 FR & GR	166+90	32' RT	702.09	695.04	694.94			TY 24 FR & GR			
69	CB TY A 48" Ø, TY 1 FR & GR	166+90	47' RT	700.87	694.81	FIELD	696.51	694.41	TY 1 FR & GR			
70	CB TY A 48" Ø, TY 1 FR & GR	167+50	47' RT	703.29		699.73	697.63		TY 1 FR & GR			
71	CB TY C, TY B FR & GR	171+00	58' LT	713.27	709.78				TY B FR & GR			
72	CB TY A 48" Ø, TY 24 FR & GR	168+50	32' LT	708.14	702.93	703.03			TY 24 FR & GR			
73	CB TY A 48" Ø, TY 24 FR & GR	168+50	32' RT	708.14	702.29	702.19			TY 24 FR & GR			
74	CB TY A 48" Ø, TY 1 FR & GR	168+50	48' RT	706.27	702.05	702.05	701.65		TY 1 FR & GR			
75	CB TY A 48" Ø, TY 1 FR & GR	169+50	51' RT	709.00		FIELD	705.03	704.93	TY 1 FR & GR			
76	INLET TY A 24" Ø, TY 24 FR & GR	171+00	32' LT	714.66	709.57				TY 24 FR & GR			
77	CB TY A 48" Ø, TY 24 FR & GR	171+00	32' RT	714.66	708.93	708.83			TY 24 FR & GR			
78	MH TY A 48" Ø, TY 1 FR & CL	171+00	50' RT	712.72	708.68	708.78	708.68		TY 1 FR & CL			
79	CB TY A 48" Ø, TY 1 FR & GR	171+65	46' RT	715.50		FIELD	709.81	709.71	TY 1 FR & GR			
80	INLET TY A 24" Ø, TY 24 FR & GR	173+50	32' LT	718.66	713.45	713.71			TY 24 FR & GR			
81	CB TY A 48" Ø, TY 24 FR & GR	173+50	32' RT	718.42	712.81	712.71			TY 24 FR & GR			
82	CB TY A 48" Ø, TY 1 FR & GR	173+50	43' RT	719.32	712.64	FIELD		712.54	TY 1 FR & GR			
83	INLET TY A 24" Ø, TY 24 FR & GR	1001+10	18' RT	718.09			715.37		TY 24 FR & GR			
84	INLET TY A 24" Ø, TY 24 FR & GR	1001+10	18' LT	718.30	715.14	715.19			TY 24 FR & GR			

PROPOSED DRAINAGE PIPE SCHEDULE

PIPE NO.	STRUCTURE FROM	STRUCTURE TO	SIZE	LENGTH	SLOPE	TYPE	TRENCH BACKFILL (CU. YD.)
58	64	65	12	64	1.00%	SS CL A, TY 2, 12"	40.5
59	65	66	12	15	1.00%	SS CL A, TY 2, 12"	4.3
60	69	66	18	156	2.20%	SS CL A, TY 2, 18"	14.4
61	67	68	12	64	1.00%	SS CL A, TY 2, 12"	46.6
62	68	69	12	13	1.00%	SS CL A, TY 2, 12"	4.8
63	70	69	18	56	2.00%	SS CL A, TY 2, 18"	13.6
64	74	70	18	96	2.00%	SS CL A, TY 2, 12"	0.0
65	71	76	12	42	0.50%	SS CL A, TY 2, 12"	0.0
66	72	73	12	64	1.00%	SS CL A, TY 2, 12"	13.1
67	73	74	12	14	1.00%	SS CL A, TY 2, 12"	2.4
68	75	74	12	96	3.00%	SS CL A, TY 2, 12"	12.0
69	78	75	12	146	2.50%	SS CL A, TY 2, 12"	0.0
70	76	77	12	64	1.00%	SS CL A, TY 2, 12"	12.4
71	77	78	12	15	1.00%	SS CL A, TY 2, 12"	2.3
72	79	78	12	62	1.50%	SS CL A, TY 2, 12"	13.1
73	82	79	12	182	1.50%	SS CL A, TY 2, 12"	12.2
74	80	81	12	64	1.00%	SS CL A, TY 2, 12"	13.1
75	81	82	12	6	1.00%	SS CL A, TY 2, 12"	2.6
76	83	84	12	36	0.50%	SS CL A, TY 1, 12"	0.0
77	84	80	8	143	1.00%	8" PIPE UNDERDRAIN	0.0

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 = Monica Crisman	DESIGNED - SJP	REVISED -		<p align="center">PROPOSED DRAINAGE PLAN</p> <p>SCALE: 1"=50' SHEET NO. 4 OF 10 SHEETS STA. 164+00 TO STA. 176+00</p>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 5/8"=1'-0" IN.	CHECKED - KDN	REVISED -					1016	02-00110-12-WR	LAKE	206	72
	PLOT DATE = 07/15/09	DATE - 07/15/09	REVISED -					CONTRACT NO. 63209				
								FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				