

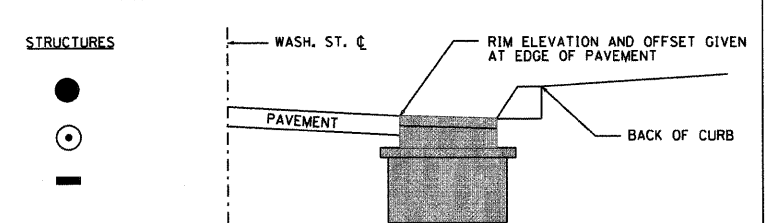
PROPOSED DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	TYPE	STATION	OFFSET	RIM ELEV.	INVERT (N)	INVERT (S)	INVERT (E)	INVERT (W)	FRAMES & GRATES	CONCRETE HEADWALL	HEADWALL GRATES (LBS)	REINF BARS (LBS)
IA	CB TY C, TY 8 FR & GR	134+76	53' LT	717.90			713.26		TY 8 FR & GR			
IB	PRC FLAR END SEC 12	135+50	56' LT				712.50					
IC	INLET TY A 24" Ø, TY 24 FR & GR	135+62	30' LT	714.80	711.38				TY 24 FR & GR			
ID	CB TY A 48" Ø, TY 24 FR & GR	135+62	30' RT	714.80	710.78	710.68			TY 24 FR & GR			
1	EXISTING 60" MH (BY OTHERS)	135+62	40' RT	713.75			708.12					
2	INLET TY A 24" Ø, TY 24 FR & GR	136+88	30' LT	713.35			708.57		TY 24 FR & GR			
3	CB TY A 48" Ø, TY 24 FR & GR	137+00	30' LT	713.34	**	708.37	708.47		TY 24 FR & GR			
4	INLET TY A 24" Ø, TY 24 FR & GR	136+88	30' RT	713.36			707.87		TY 24 FR & GR			
5	CB TY A 48" Ø, TY 24 FR & GR	137+00	30' RT	713.35	707.77	707.67	707.77		TY 24 FR & GR			
6	MH TY A 60" Ø, TY 1 FR & CL	137+00	37' RT	712.40	707.62		706.82	706.92	TY 1 FR & CL			
9	EXISTING 72" MH (BY OTHERS)	137+18	37' RT	712.70	706.69		707.50	706.70				
10	INLET TY A 24" Ø, TY 24 FR & GR	138+80	30' LT	715.93	710.72				TY 24 FR & GR			
11	CB TY A 48" Ø, TY 24 FR & GR	138+80	30' RT	715.93	710.12	710.02			TY 24 FR & GR			
12	MH TY A 48" Ø, TY 1 FR & CL	138+80	37' RT	716.25	709.97		709.97	709.87	TY 1 FR & CL			

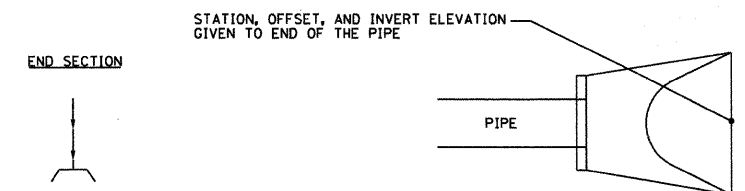
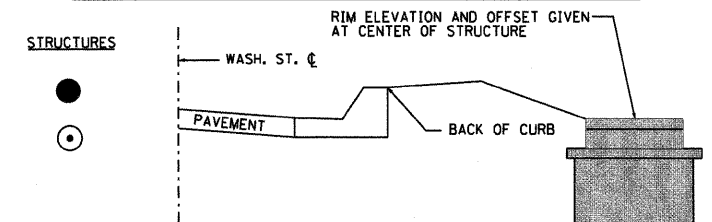
PROPOSED DRAINAGE PIPE SCHEDULE

PIPE NO.	STRUCTURE FROM	STRUCTURE TO	SIZE	LENGTH	SLOPE	TYPE	TRENCH BACKFILL (CU. YD.)
IA	IA	IB	12	76	1.00%	SS CL A, TY 2, 12"	10.1
IB	IC	ID	12	60	1.00%	SS CL A, TY 2, 12"	14.2
IC	ID	1	12	8	1.00%	SS CL A, TY 2, 12"	2.3
1	2	3	12	8	1.00%	SS CL A, TY 2, 12"	1.7
2	3	5	12	60	1.00%	SS CL A, TY 2, 12"	28.3
3	4	5	12	8	1.00%	SS CL A, TY 2, 12"	3.6
4	5	6	12	4	2.00%	SS CL A, TY 2, 12"	1.8
5	1	6	24	134	0.90%	SS CL A, TY 2, 24"	47.8
7	6	9	24	14	1.00%	SS CL A, TY 2, 24"	8.7
8	12	9	12	158	1.50%	SS CL A, TY 2, 12"	79.6
9	10	11	12	60	1.00%	SS CL A, TY 2, 12"	34.1
10	11	12	12	4	1.00%	SS CL A, TY 2, 12"	2.3
11	13	12	12	166	2.50%	SS CL A, TY 2, 12"	36.0

DRAINAGE STRUCTURES (EDGE OF PAVEMENT)



DRAINAGE STRUCTURES (OUTSIDE EDGE OF PAVEMENT)



LEGEND

	EXISTING SANITARY SEWER		PROPOSED STORM SEWER
	EXISTING WATERMAIN		PROPOSED DITCHLINE
	EXISTING STORM SEWER		PROPOSED UNDERDRAIN
	EXISTING ELECTRICAL		PROPOSED STORM SEWER STRUCTURE
	EXISTING EXISTING FIBER OPTICS		PROPOSED STORM SEWER PIPE
	EXISTING GAS LINE		PROPOSED STORM SEWER MANHOLE
	EXISTING AERIAL ELECTRICAL		PROPOSED STORM SEWER CATCH BASIN
	EXISTING STORM SEWER INLET		PROPOSED STORM SEWER INLET
	EXISTING EXISTING MANHOLE		PROPOSED UTILITY CROSSING
	STORM SEWER (BY OTHERS)		ADJUST STRUCTURE/PIPE
	MANHOLE (BY OTHERS)		CLEAN STRUCTURE/PIPE
	CATCH BASIN (BY OTHERS)		TIE-IN TO STRUCTURE/PIPE

NOTES:

1. ** SEE EROSION CONTROL SHEETS FOR INVERT AND PIPE ELEVATIONS FOR TEMPORARY DRAINAGE TIES INTO PROPOSED STRUCTURES.



USER NAME = Steve Prange
 DESIGNED - SJP
 DRAWN - SJP
 CHECKED - KDN
 DATE - 05/29/09

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

REVISED -
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PROPOSED DRAINAGE PLAN

SCALE: 1"=50' SHEET NO. 1 OF 10 SHEETS STA. 128+00 TO STA. 140+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1016	02-00110-12-WR	LAKE	206	69
CONTRACT NO. 63209				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				