STORM SEWER STRUCTURE SCHEDULE

Node	Pay Item	Rim Elevation (ft)	Quantities
26+00S	INLETS, TYPE A, TYPE 8 GRATE	606.85	1
31+87	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	607.15	1
31+88S	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	605.31	6
31+88N	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	605.31	9
34+38N	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	600.87	
34+38S	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	600.87	
36+88N	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	596.24	
36+88S	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	596.24	
38+00N	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	591.91	1
39+38N	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	589.46	
39+38S	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	589.46	
40+17N	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	588.51	
40+17a	INLETS, SPECIAL	590.63	2
40+83N	INLETS, SPECIAL	589.69	
41+20N	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	587.75	
41+20S	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	587.75	
43+70S	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	584.65	
43+70N	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	584.65	
46+20N	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	582.77	
46+20S	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	582.77	
Outlet	END SECTIONS 21"		1
ES 1	END SECTIONS 12"		3
ES 2	END SECTIONS 12"		
ES 3	END SECTIONS 12"		

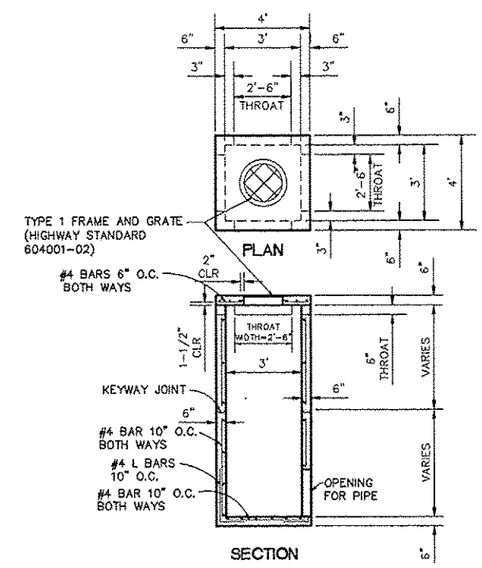
EARTHWORK SCHEDULE

Location	Cut	Shrinkage (20%)	Available	Fill	Balance (+/-)
16+90 to 28+13	180	36	144	23	121
21+50 to 23+75	1	0	1	48	-47
24+75 to 30+00	251	50	201	76	125
30+00 to 35+75	432	86	346	499	-154
35+75 to 41+20	776	155	621	604	17
41+20 to 46+84.64	827	165	662	247	415
46+84.64 to 48+08.59	124	25	99	53	46
Total	2591	518	2073	1550	523

STORM SEWER PIPE SCHEDULE

Pipe	Upstream Node	Downstream Node	Length (ft)	Section Size	Material	Upstream Invert Elevation (ft)	Downstream Invert Elevation (ft)	Constructed Slope (ft/ft)	Trench Backfill (cy)
P-1	31+88S	31+88N	28	12 inch	RCCP	601.81	601.66	0.0054	4
P-2	31+87	31+88N	13	12 inch	RCCP	602.65	601.66	0.0765	2
P-3	31+88N	34+38N	250	12 inch	RCCP	601.56	597.22	0.0174	38
P-4	34+38S	34+38N	28	12 inch	RCCP	597.37	597.22	0.0054	4
P-5	34+38N	36+88N	250	12 inch	RCCP	597.12	592.59	0.0181	38
P-6	36+88S	36+88N	28	12 inch	RCCP	592.74	592.59	0.0054	4
P-7	36+88N	38+00N	112	12 inch	RCCP	592.49	588.41	0.0364	16
P-7A	38+00N	39+38N	138	15 inch	RCCP	588.16	585.56	0.0189	22
P-8	39+38S	39+38N	28	12 inch	RCCP	585.96	585.81	0.0054	4
P-9	39+38N	40+17N	79	15 inch	RCCP	585.51	584.76	0.0095	14
P-10	40+17a	40+17N	30	12 inch	RCCP	587.13	584.96	0.0723	2
P-11	40+17N	41+20N	103	15 inch	PVC	584.66	583.62	0.0101	19
P-12	40+83N	41+20N	49	12 inch	PVC	586.19	583.95	0.0457	3
P-13	41+20N	41+20S	27	18 inch	PVC	583.52	583.19	0.0122	6
P-14	41+20S	43+70S	250	18 inch	PVC	583.09	579.90	0.0128	64
P-15	43+70N	43+70S	28	12 inch	RCCP	581.15	581.00	0.0054	4
P-16	43+70S	46+20S	250	21 inch	PVC	579.65	578.15	0.0060	66
P-17	46+20N	46+20S	28	12 inch	RCCP	579.27	579.12	0.0054	4
P-18	46+20S	Outlet	114	21 inch	PVC	578.05	577.31	0.0065	27
P-19	26+00S	ES 1	17	12 inch	CMP	605.64	605.55	0.0050	3
P-20	ES 2	ES 3	20	12 inch	CMP	607.62	607.32	0.0140	2

RCCP - Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe
PVC - Polyvinyl Chloride Pipe
CMP - Corrugated Metal Pipe



DETAIL INLET 3'x3'

NOT TO SCALE

CONTRACT 97528

REVISIONS

SMS ENGINEERS
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CONSULTING ENGINEERS AND LAND SURVEYORS
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DESIGN FIRM # 184-000992

STAMPER LANE - GODFREY, ILLINOIS
FAU ROUTE 8950
10-00022-01-PV
10-00024-00-SW
SCHEDULE OF QUANTITIES AND INLET DETAIL

DWG. NO.
G:\CAD\PROJ\GODFREY (438439) STAMPER LN PHS\PROJ\DWGS\STAMPER LN PHS SCHEDULE OF QUANTITIES.DWG
REF. BK. PG.
JOB NO. 438439
DSN. BY: SJW
DWN. BY: BGS
CHK. BY: SJW
DATE: MARCH, 2013
SCALE: NOT TO SCALE
SHEET 4 OF 50