

STORM SEWER

① Diameter or equivalent diameter

* Bid Item
** For SW-545

INTAKES AND UTILITY ACCESSES							PIPES													
							Design Length, Slope, and Flowlines are calculated from inside wall to inside wall along CL of pipe. An additional 2 ft length is added to each side of the Design Length to account for estimated length to center of structures.													
No.	Location Station and Offset	*Type or Standard Road Plan	Form	Bottom	Extension	Notes	Line Number	Intake/Utility Access No.		Class 'D'	Pipe Size	Bid* Length	Design Length	Slope %	Connected Pipe Joint (DR-121) Type	Flow Lines			Pipe Profile Sheet No.	Notes
			Elev.	Elev.	FT			From	To							Inlet Elevation	Outlet Elevation	Other Elevation		
1	11645+60.00; 23.00' RT	18" DR-201		1134.33		(1) Inlet	P-1	1	2	2000	18	37.86	35.9	5.07		1134.026	1132.208			
2	00+25.00; 00.00' RT	SW-509	1136.1	1131.41		(9)	P-2	2	4	2000	18	38.2	36.2	0.5		1131.908	1131.728			
3	11645+50.00; 21.00' LT	18" DR-201		1135.23		(1) Inlet	P-3	3	4	2000	18	44.81	42.8	3.95		1134.992	1133.301			
4	00+20.10; 04.92' RT	SW-401		1130.93		(8) Manhole Access	P-4	4	5	2000	18	43.9	41.9	0.499		1131.428	1131.219			
5	647+00.00; 19.00' LT	SW-541 + 542 Ext.	1135.4	1130.42			P-5	5	6	2000	18	123	121.0	1.01		1130.919	1129.695			
6	648+25.00; 19.00' LT	SW-541 + 542 Ext.	1133.7	1128.9			P-6	6	7	2000	18	98	96.0	1.34		1129.395	1128.112			
7	649+25.00; 19.00' LT	SW-541 + 542 Ext.	1132.2	1127.51			P-7	7	8	2000	24	269.97	268.0	0.42		1128.012	1126.886			0.1' FL Drop
8	652+00.00; 42.00' LT	24" DR-201		1126.86		Outlet	P-9	9	10	2000	18	250.04	248.0	1.5		1159.702	1155.981			
9	707+60.00; 39.00' RT	18" DR-201		1159.79		Inlet	P-10	10	11	2000	24	149.8	147.8	0.98		1155.681	1154.203			
10	705+00.00; 19.00' RT	SW-508	1160.1	1155.18			P-11	11	12	2000	30	164.5	162.5	0.56		1153.903	1153			
11	703+45.00; 19.00' RT	SW-508	1158.4	1153.4			P-12	12	13	2000	36	245.5	243.5	0.5		1152.7	1151.483			
12	701+75.00; 19.00' RT	SW-508	1156.9	1152.2			P-13	13	14	2000	36	173	171.0	1.39		1151.183	1148.814			
13	699+25.00; 19.00' RT	SW-508	1155.4	1150.68			P-14	14	15	2000	36	74.7	72.7	1.5		1148.514	1147.424			
14	697+50.00; 19.00' RT	SW-508	1153.9	1148.01			P-16	16	18	2000	24	92.36	90.4	2.5		1195.88	1193.621			
15	697+50.00; 103.7' RT	36" DR-201		1147.3		Outlet	P-17	17	18	2000	18 LC	80.7	78.7	6.01		1196.966	1192.236			
16	00+40.00; 23.43' RT	24" DR-201		1196.03		(10) Inlet	P-18	18	19	2000	24	220.3	218.3	3.2		1191.936	1184.95			
17	9741+71.00; 20.60' RT	24" DR-206		1197.34		(2) Inlet	P-19	19	20	2000	24	95.17	93.2	2.17		1184.65	1182.628			
18	742+20.00; 16.00' LT	4x4 SW-402				Manhole Access	P-21	21	22	2000	18	155.48	153.5	3.08		1191.982	1187.257			
19	740+00.00; 16.00' LT	4x4 SW-402				Manhole Access	P-22	22	23	2000	18	109.45	107.5	2.99		1186.957	1183.744			
20	739+00.00; 32.00' LT	24" DR-201		1182.49		Outlet	P-24	24	25	2000	18	204.16	202.2	2.25		1192.809	1188.26			
21	742+00.00; 19.00' RT	SW-508	1195.9	1191.48			P-25	25	26	2000	18	228	226.0	1.62		1187.96	1184.299			
22	740+40.00; 19.00' RT	SW-508	1191.1	1186.46			P-26	26	27	2000	24	144.09	142.1	0.495		1183.999	1183.296			
23	739+25.00; 32.00' RT	18" DR-201		1183.57		Outlet	P-28	28	29	2000	18	215.04	213.0	2.24		1171.171	1166.399			
24	750+60.00; 31.00' LT	18" DR-201		1192.94		Inlet	P-29	29	30	2000	24	193.9	191.9	0.997		1166.099	1164.186			
25	752+70.00; 19.00' LT	SW-508	1192.1	1187.46			P-31	31	32	2000	18	192.48	190.5	4.9		1171.535	1162.201			
26	755+00.00; 19.00' LT	SW-508	1188.2	1183.5			P-32	32	33	2000	18	324.1	322.1	3.36		1161.901	1151.078			
27	756+50.00; 29.00' LT	24" DR-201		1183.27		Outlet	P-34	34	35	2000	18	155	153.0	5.14		1114.695	1106.831			
28	793+00.00; 31.00' LT	18" DR-201		1170.84		Inlet	P-35	35	36	2000	24	190.72	188.7	1.37		1106.531	1103.946			
29	790+80.00; 19.00' LT	SW-508	1170.4	1165.6			Roundabout													
30	788+85.00; 35.00' LT	24" DR-201		1164.12		Outlet	P-37	37	38	2000	18	88.06	86.1	3.4		1132.186	1129.264			
31	828+60.00; 38.00' RT	18" DR-201		1171.86		Inlet	P-38	38	39	2000	18	42.8	40.8	3.87		1128.964	1127.385			
32	826+65.00; 19.00' RT	SW-508	1167.2	1161.4			P-40	40	41	2000	24	60.4	58.4	4.13		1141.437	1139.025			
33	823+35.00; 32.00' RT	18" DR-201		1150.87		Outlet	P-42	42	43	2000	18	58.4	56.4	1		1145.852	1145.288			
34	40864+90.00; 31.00' RT	18" DR-201		1115.01		(3) Inlet	P-43	43	46	2000	18	32.26	30.3	1		1144.988	1144.685			
35	863+25.00; 19.00' RT	SW-508	1111.2	1106.03			P-44	44	46	2000	18	60.75	58.8	2.1		1146.093	1144.859			
36	861+25.00; 31.00' RT	24" DR-201		1103.87		Outlet	P-45	45	46	2000	18	47.4	45.4	0.5		1144.988	1144.761			
	Roundabout						P-46	46	47	2000	24	115.2	113.2	1.24		1144.385	1142.981			
37	40869+75.00; 02.50' LT	SW-509	1138.2	1131.69		(3)(11)														
38	40868+80.00; 02.80' LT	SW-509	1134.3	1128.46		(3)(11)														
39	40868+80.00; 43.96' RT	18" DR-201		1127.15		(3) Outlet														
40	00+87.18; 03.00' LT	SW-505	1147.4	1140.94		(4)														
41	00+50.00; 33.80' RT	24" DR-201		1138.77		(5) Outlet														
42	436876+35.60; 18.50' LT	SW-509	1151.9	1145.35																
43	436877+00.00; 18.50' LT	SW-509	1150.3	1144.49																
44	00+25.00; 28.00' RT	18" DR-201		1146.22		(6) Inlet														
45	00+50.00; 00.00' RT	SW-509	1150.5	1144.49																
46	01+04.42; 00.00' RT	SW-509	1149.9	1143.89		(6)														
47	01+00.00; 24.84' RT	24" DR-201		1142.85		(7) Outlet														
Chains in Reference Note																				
(1) SRHINGTGEN																				
(2) SRBANKSTON																				
(3) ML052WB																				
(4) RA_CIRCLE																				
(5) HOLYCROSS_RET1																				
(6) HOLYCROSS_RET3																				
(7) HOLYCROSS_RET4																				
(8) SRHINGTGEN_RET3																				
(9) SRHINGTGEN_RET4																				
(10) SRBANKSTON_RET3																				
(11) EAST1 - 0+39.81																				