

DRAINAGE STRUCTURE SCHEDULE

LOCATION STATION	OFFSET	PIPE CULVERTS								END SECTIONS	PRECAST REINFORCED CONCRETE FLARED END SECTIONS				CLASS A4 RIPRAP	POROUS GRANULAR BACKFILL	INLET AND PIPE PROTECTION	REMOVAL OF EXISTING STRUCTURES	PIPE CULVERT REMOVAL			
		CLASS A				CLASS D					EORS 24"	EORS 30"	EORS 36"	EORS 42"								
		TYPE 1				TYPE 2																
		EORS 24"	EORS 30"	EORS 36"	EORS 42"	18"	24"	36"	42"	18"	24"	36"	42"	EORS 24"	EORS 30"	EORS 36"	EORS 42"	SQ YD	CU YD	EA	EA	FOOT
		FT	FT	FT	FT	FT	FT	FT	FT	EA	EA	EA	EA	EA	EA	EA	EA					
132+34.88	MAIN				47													25	25		1	61
147+86.56	FER					42				2											1	25
159+56.69	PER					44				2											1	25
161+20.13	MAIN			42												2		22	13		1	37
163+29.36	CEL					44				2											1	25
168+00.00	MAIN	43												2				10	15			24
170+49.24	FEL					16				2											1	47
176+31.02	CEL					39				2											1	48
176+98.98	CEL					39				2											1	25
190+60.57	MAIN		54												2			16	33		1	37
195+81.76	MAIN	48												2				13	29		1	25
211+97.04	SRL							28			2										1	29
221+76.20	CER					156				1											1	41
223+37.47	CER					200				1											1	60
224+30.22	CEL					54				2											1	27
226+49.54	CER					34				2											1	40
265+67.85	CER								46				2								1	30
268+68.60	CER							47			2										1	59
0+49.73	CER						49				2										1	72
7+70.00	MAIN	48												2				14	29			80
8+00.00	MAIN																					67
8+30.38	CEL					59				2											1	46
11+74.16	CER					46				2											1	46
13+14.37	CER										44		2								1	810
TOTAL		139	54	42	47	773	121	47	46	22	6	2	2	6	2	2	2	100	144	17	4	810

CULVERT HYDRAULICS INFORMATION

LOCATION STATION	OFFSET	DRAINAGE AREA	DESIGN DISCHARGE		CULVERT SIZE AND TYPE	HEADWATER DEPTH		HEADWATER ELEVATION	
			50 YEAR	100 YEAR		50 YEAR	100 YEAR	50 YEAR	100 YEAR
			ACRE	CFS		CFS	FEET	FEET	FEET
132+34.88	MAIN	112.95	60.63	73.1	PCC EQRP 42"	1.17	1.34	410.02	410.58
161+20.13	MAIN	12.89	5.99	7.28	PCC EQRP 36"	0.39	0.4	396.52	397.65
168+00.00	MAIN	2.9	1.82	2.22	PCC EQRP 24"	0.35	0.37	399.77	399.74
190+60.57	MAIN	5.83	6.76	8.11	PCC EQRP 30"	0.53	0.55	393.88	397.87
195+81.76	MAIN	3.03	4.43	5.38	PCC EQRP 30"	0.43	0.44	394.03	394.07
7+70.00	MAIN	0.6	0.8	0.95	PCC EQRP 24"	0.22	0.24	383.18	383.23