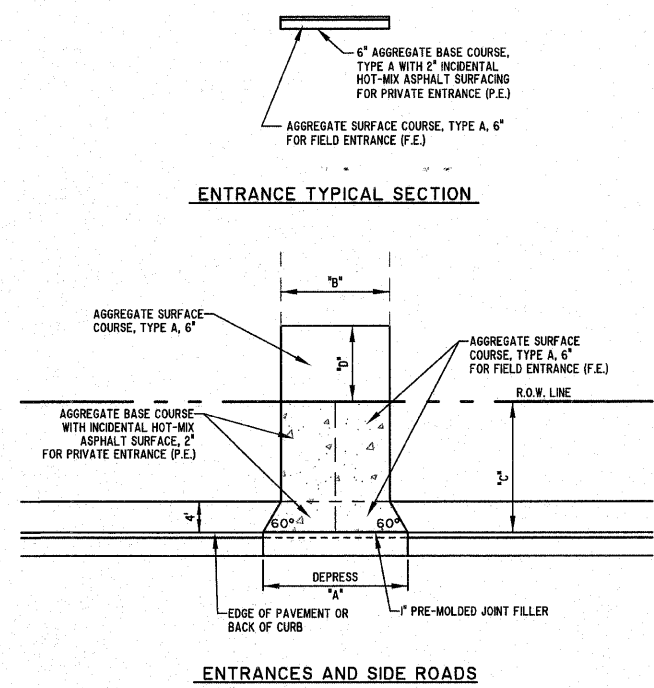


SCHEDULE OF QUANTITIES/DRAINAGE PIPE SCHEDULE											
FROM STRUCTURE	INVERT ELEVATION	TO STRUCTURE	INVERT ELEVATION	PIPE SLOPE %	STORM SEWER RUBBER GASKET, CLASS A, TYPE 2					STORM SEWER RUBBER GASKET, CLASS A, TYPE 3	TRENCH BACKFILL
					12"	15"	18"	24"	36"	72"	CU YD
1	567.43	2	563.33	4.00						95	133.0
3	573.24	4	573.19	0.70					8		
4	566.57	5	565.85	1.40					94		28.2
6	589.09	7	589.06	0.50	7						
7	589.05	8	588.08	2.02				46			5.0
8	588.08	9	589.65	2.55				55			11.0
8	588.08	10	586.02	2.02				92			5.0
10	586.02	11	584.10	2.02				92			
11	584.10	12	583.20	1.42				58			5.0
13	577.54	14	577.50	1.00	4						0.4
15	565.69	16	565.63	1.00	6						0.4
14	577.50	16	564.63	6.50	198						
17	555.53	18	555.47	1.00	6						0.4
16	564.63	18	555.47	6.50	141						
19	546.40	20	546.34	1.00	6						0.4
18	555.22	20	546.05	6.50		141					
21	539.10	22	539.04	1.00	6						0.4
20	546.05	22	536.63	6.50		141					
23	533.90	24	533.84	1.00	6						0.4
22	536.63	24	533.11	6.50			141				
25	530.80	26	530.74	1.00	6						0.4
24	533.11	26	529.58	2.50			141				
27	529.20	28	529.16	1.00	4						0.4
26	529.58	28	526.92	1.80			148				
28	526.42	29	523.80	1.80				100			
29	523.80	30	523.75	0.10				94			0.6
31	528.95	32	529.25	1.00				25			
33	540.20	34	539.26	2.50	38						7.6
34	539.00	35	538.96	1.00	4						0.4
32	529.25	35	538.10	6.70				132			6.0
36	554.85	37	553.91	2.50	38						7.6
37	553.75	38	553.71	1.00	4						0.4
35	538.60	38	553.40	7.94			187				
39	572.22	40	571.85	1.00	38						7.6
40	571.75	41	571.71	1.00	4						0.4
38	553.40	41	571.35	9.63			187				
42	587.35	43	587.16	0.50	38						7.6
43	587.10	44	587.06	1.00	4						0.4
41	571.60	44	586.75	8.00		190					
100	587.50	101	587.23	1.00	28						4
101	587.15	102	586.97	1.00	18						2
102	585.50	103	581.59	2.50		157					
106	584.50	104	584.39	1.50	8						2
104	584.00	105	583.70	1.00	31						4
107	584.50	105	584.39	1.50	8						2
105	583.00	103	582.78	1.50			15				2
103	573.74	108	573.50	1.00			18				
TOTAL					651	629	837	694	102	95	245



ENTRANCE DIMENSIONS				
LOCATION	A	B	C	D
P.E. LT. STA. 28+37	32'	14'	12'	25'
P.E. RT. STA. 30+08	40'	30'	18'	50'
P.E. LT. STA. 34+05	28'	16'	30'	50'
F.E. RT. STA. 40+78	26'	16'	22'	0'
P.E. LT. STA. 40+90	26'	16'	26'	16'
F.E. RT. STA. 47+59	30'	20'	24'	0'
F.E. LT. STA. 47+59	24'	14'	20'	0'
P.E. LT. STA. 49+48	28'	18'	26'	0'
P.E. LT. STA. 50+95	34'	20'	24'	0'
P.E. RT. STA. 51+50	26'	16'	24'	274'
S.R. LT. STA. 51+50	60'	16'	45'	440'
F.E. RT. STA. 65+80	28'	16'	40'	56'
F.E. LT. STA. 65+80	28'	16'	45'	36'
S.R. LT. STA. 70+00	74'	24'	60'	578'
F.E. RT. STA. 74+00	30'	20'	42'	50'
F.E. LT. STA. 78+50	30'	20'	130'	0'
F.E. RT. STA. 83+43	50'	14'	25'	0'
F.E. RT. STA. 86+89	28'	20'	65'	0'
F.E. LT. STA. 86+89	28'	20'	28'	0'
C.E. RT. STA. 87+40	28'	18'	240'	0'
S.R. RT. STA. 94+93	40'	18'	10'	100'
F.E. LT. STA. 1+92	28'	18'	35'	0'
P.E. RT. STA. 1+75	18'	16'	40'	0'
P.E. LT. STA. 95+16	28'	20'	10'	40'
P.E. LT. STA. 96+40	28'	20'	10'	40'

INLET AND PIPE PROTECTION		
LOCATION	INLET PROTECTION EACH	PIPE PROTECTION EACH
LT 33+37		1
LT 34+40		1
LT 37+62		1
RT 47+40		1
LT 47+45		1
LT 50+50	1	
RT 51+00		1
LT 52+00	1	
LT 54+00	1	
LT 56+00	1	
LT 57+40	1	
LT 58+80	1	
LT 60+20	1	
LT 61+60	1	
LT 63+00	1	
LT 64+50	1	
RT 65+29		1
LT 65+50	1	
LT 69+00		1
RT 73+70		1
LT 78+85		1
RT 87+19		1
RT 88+00	1	
LT 88+00	1	
RT 90+00	1	
LT 90+00	1	
RT 92+00	1	
LT 92+00	1	
RT 94+00	1	
LT 94+00	1	
LT 97+30	1	
RT 97+30	1	
LT 98+90	1	
RT 98+90	1	
LT 99+00	1	
RT 99+00	1	
TOTAL		36

PIPE CULVERTS, CLASS C, TYPE 2					
ENTRANCE STATION	PIPE SIZE & LENGTH*			ALUMINUM END SECTIONS	
	24" CMP	30" CMP	36" CMP	24"	30"
LT 34+04.95	70			2	
RT 47+58.80	40			2	
RT 65+80	65			2	
LT 70+00			80		2
RT 74+00		60			2
LT 78+50	72			2	
RT 86+89.30	48			2	
TOTAL	295	60	80	10	2

\* MATERIAL SHALL BE RESTRICTED TO ALUMINIZED STEEL TYPE 2 CORRUGATED PIPE.

REMOVE EXISTING STRUCTURES				
STRUCTURE NUMBER	LOCATION	UNIT	QUANTITY	DESCRIPTION
1	AR. STA. 33+43	EACH	1	6.5' (S) X 5.0' (W) X 4.0' (L)
2	AR. STA. 37+86	EACH	1	4.0' (S) X 3.0' (W) X 36' (L)
3	AR. STA. 52+85	EACH	1	2.0' (S) X 2.0' (W) X 27' (L)
4	LT. STA. 77+00	EACH	1	8.0' (S) X 6.0' (W) X 26' (L)
5	LT. STA. 154+20	EACH	1	6' 0" X 8' 0" X 5' 0" 6" THICK
6	LT. STA. 154+35	EACH	1	6' 0" X 8' 0" X 5' 0" 6" THICK

PIPE CULVERT REMOVAL		
STATION	UNIT	FOOT
LT. 28+32.55	12" CMP	30
AR. 29+07.33	12" RCCP	28
LT. 33+80	12" Steel	52
LT. 50+95.36	12" CMP	36
RT. 53+16.15	12" CMP	26
LT. 54+44.45	8" Steel	12
RT. 89+00	12" CMP	22
AR. 92+37.71	15" CMP	30
LT. 96+19.69	8" CMP	32
LT. 205+00.12	12" CMP	14
TOTAL		282