

TRENCH BACKFILL SCHEDULE

PIPE RUN NUMBER	STRUCTURES		AVE. TRENCH (FT.)	TRENCH DEPTH LESS PAVEMENT (FT.)	TRENCH BACKFILL (CU. YD.)
	UPSTRM	DOWNSTRM			
A-1	A4	A1	3.4	0.3226	26.08
A-5	A7	A6	3.7	1.9	7.3
A-15	A16	A15	4.8	3.0	5.8
A-10	A10	A9	4.6	2.8	17.3
A-18	A19	A18	5.8	4.0	21.3
A-23	A22	A21	6.9	5.2	44.7
A-28	A29	A27	5.0	3.2	20.0
A-29	A27	A26	7.2	5.4	47.2
A-32	A32	A35	2.8	2.8	23.9
A-36	A36	A37	3.4	3.4	16.4
B-25	B24	B25	4.4	4.4	26.5
B-37	B35	B36	6.0	5.7	3.2
B-33	B30	B31	6.0	5.6	3.2
B-3	B1	B2	5.9	4.1	22.0
B-6	B4	B5	5.7	3.9	20.3
B-10	B7	B8	5.7	3.9	20.3
B-13	B10	B11	6	4.2	22.4
B-17	B14	B15	4.8	3.1	15
B-19	B22	B21	5.3	3.5	5.7
B-20	B21	B20	5.7	5.4	3.8
B-22	B18	B19	5.3	3.5	5.7
B-21	B19	B20	5.7	5.4	3.8
B-23	B23	B24	5.8	4	10.3
C-2	C1	C2	5.7	3.9	24.5
C-16	C11	C12	5.7	3.9	21.7
C-19	C14	C15	5.7	3.9	20.3
C-23	C17	C18	5.7	3.9	20.3
C-27	C20	C21	5.7	3.9	20.3
C-38	C27	C28	5.1	3.3	5.4
C-37	C28	C29	5.1	3.3	1.6
C-36	C29	C30	5.4	3.6	1.8
C-8	C4	C5	5.7	3.9	24.5
C-50	C42	C43	6.1	5.8	19.8
C-55	C47	C48	7.8	7.8	70.99
C-44	C39R	C40	10.5	10.6	196.896
C-42	C36	C37	3.86	4	21.142
C-33	C26	C32	6.46	6.6	79.724
C-10	C8	C9	3.975	4	25.234
C-5	C51	C52	3.865	4	25.234
D-2	D3	D4	3.885	4	25.234
D-6	D6	D7	3.045	3.2	19.018
D-10	D9	D10	2.445	2.6	14.356
D-14	D25	D16	2.145	2.2	11.248
D-18	D18	D20	1.95	2	2.64
D-20	D21	D22	2.435	2.6	2.134
D-21	D22	D24	2.45	2.6	3.88
D-26	D12	D14	4.69	4.8	73.081
E-8	E7	EXISTING			44.63
E-17	E15	E16	2.63	2.8	2.365
E-18	E16	E18	4.22	4.4	7.66
E-30	E30	E31	4	4	25.234
D-19	D20	D21	4.1	2.3	1.3
E-10	E8	E9	6	5.7	16.2
E-15	E13	E14	5.7	3.9	24.5
E-16	E14	E15	6	5.7	16.9
E-19	E17	E18	5.4	3.6	22.5
E-22	E20	E21	5.5	3.7	6.3
E-26	E24	E25	6.1	5.7	3.2
E-1	E1	E2	5.7	3.9	24.5
E-4	E4	E5	5.7	3.9	24.5
E-28	E27	E28	6.1	5.7	3.3

TOTAL= total= 1320.2 CY

MANHOLE WITH RESTRICTOR PLATE SCHEDULE

MANHOLE W/ RESTRICTOR #	STATION	MANHOLE DIAMETER (FT)	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER (IN) (d)		INVERT OF RESTRICTOR TYPE		ELEVATION OF TOP PLATE OVERFLOW
				UPPER ORIFICE	LOWER ORIFICE	UPPER ORIFICE	LOWER ORIFICE	
A-8R	257+75	7	SQUARE EDGED	12	12	787.55	785.55	789.56
A-17R	259+85	7	SQUARE EDGED	9 1/2	9 1/4	788.45	785.98	791.39
B-29R	274+75	6	SQUARE EDGED	6	6	788.25	787.05	790.77
B-16R	275+65	5	SQUARE EDGED	10 1/4	14	788.76	787.06	790.68
C-39R	289+87	6	SQUARE EDGED	8 1/4	16	795.01	792.51	801.46
C-34R	292+10	6	SQUARE EDGED	14	11	800.34	797.34	802.30
C-19R	294+85	6	SQUARE EDGED	9	9 1/3	800.85	798.35	803.71
C-13R	298+85	7	SQUARE EDGED	7	9 1/4	801.23	799.23	804.59
D-8R	310+66	7	SQUARE EDGED	6	6	806.58	804.88	808.10
D-11R	311+66	7	SQUARE EDGED	6	6	806.23	804.53	807.61
D-15R	312+34	7	SQUARE EDGED	6	7	801.23	799.23	807.54
E-7R	319+32	6	SQUARE EDGED		6		803.00	804.91
E-11R	319+90	6	SQUARE EDGED	16 1/3	10 1/3	806	802.86	807.62

PIPE UNDERDRAIN SCHEDULE

STATION	OFFSET	PIPE LENGTH (FT)	TIE-IN STRUCTURE
254+15	LT	46.00	A4
254+15	RT	46.00	*
257+75	LT	43.00	A9
257+75	RT	62.00	A10
259+90	LT	38.00	A18
259+90	RT	38.00	A19
263+80	LT	38.00	A26
263+80	RT	38.00	A27
270+00	LT	96.00	*
271+10	LT	43.00	B35
271+10	RT	43.00	B34
275+25	LT	33.00	B22
275+25	RT	33.00	B18
278+90	LT	38.00	B8
278+90	RT	38.00	B7
281+40	LT	38.00	B5
281+40	RT	38.00	B4
283+55	LT	33.00	B2
283+55	RT	33.00	B1
288+75	LT	38.00	C51
288+75	RT	38.00	C52
291+30	LT	34.00	C29
291+30	RT	34.00	C23
294+90	LT	38.00	C18
294+90	RT	38.00	C17
298+90	LT	38.00	C12
298+90	RT	38.00	C11
303+35	LT	38.00	C5
303+35	RT	38.00	C4
310+45	LT	33.00	D5
310+45	RT	33.00	D4
312+45	LT	33.00	D20
312+45	RT	33.00	D16
320+65	LT	33.00	E31
320+65	RT	33.00	E30
323+05	LT	33.00	E14
323+05	RT	33.00	E13
326+55	LT	33.00	E8
326+55	RT	33.00	E7
TOTAL LENGTH (FT) =		1517.00	

\* CONCRETE HEADWALL FOR PIPE UNDERDRAINS