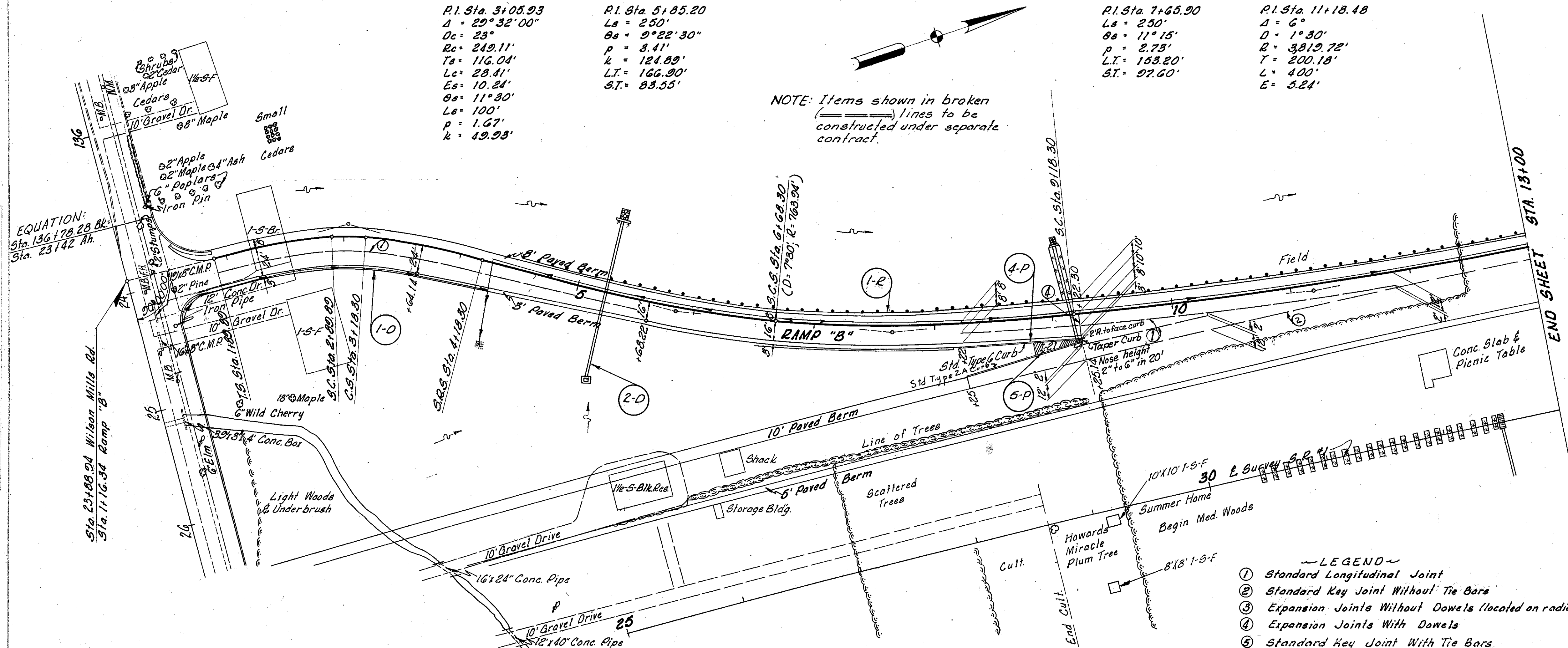
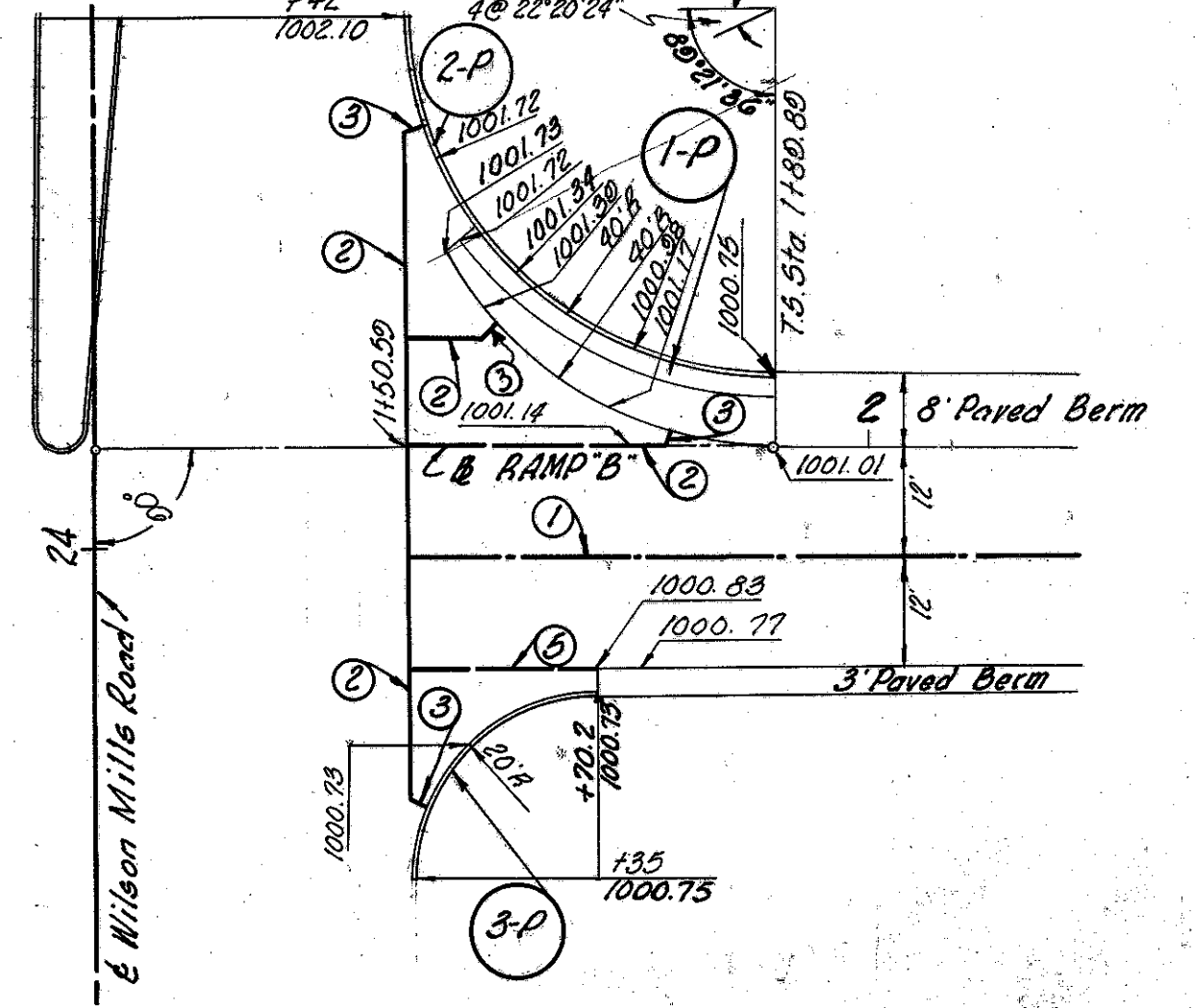


**CUYAHOGA & LAKE COUNTIES
CUY-I-15.91
LAK-I-0.00**



NOTE: Items shown in broken lines to be constructed under separate contract.

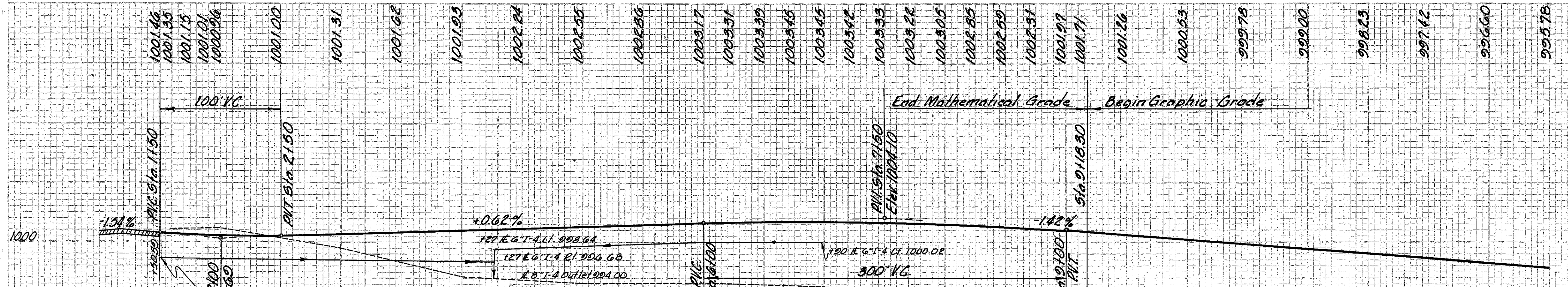
R.I. Sta. 3+05.93
Δ = 29°32'00"
Dc = 23'
Rc = 249.11'
Ts = 116.04'
Lc = 28.41'
Es = 10.24'
Os = 11°30'
Ls = 100'
p = 1.67'
k = 49.93'

R.I. Sta. 5+55.20
Ls = 250'
Os = 0°22'30"
p = 3.41'
k = 124.89'
L.T. = 166.90'
S.T. = 83.55'

R.I. Sta. 7+65.90
Ls = 250'
Os = 11°15'
p = 2.73'
L.T. = 153.20'
S.T. = 97.60'

R.I. Sta. 11+18.48
Δ = 6°
D = 1°30'
R = 3819.72'
T = 200.18'
L = 400'
E = 3.24'

- LEGEND
- ① Standard Longitudinal Joint
 - ② Standard Key Joint Without Tie Bars
 - ③ Expansion Joints Without Dowels (located on radial lines)
 - ④ Expansion Joints With Dowels
 - ⑤ Standard Key Joint With Tie Bars



SUPERELEVATION TABLE RAMP "B"

Station	Profile Grade on @	Rt. Edge Pavt. Elev.	Station	Profile Grade on @	Rt. Edge Pavt. Elev.
1+00	1001.01	1000.64	5+62.76	1002.94	1003.31
2+00	1000.96	1000.59	7+00	1003.01	1003.41
3+00	1000.92	1000.55	8+00	1003.17	1003.64
4+00	1000.88	1000.51	9+00	1003.31	1003.84
5+00	1000.84	1000.47	10+00	1003.39	1003.98
6+00	1000.80	1000.43	11+00	1003.45	1004.07
7+00	1000.76	1000.39	12+00	1003.42	1003.97
8+00	1000.72	1000.35	13+00	1003.31	1003.84
9+00	1000.68	1000.31	14+00	1003.22	1003.69
10+00	1000.64	1000.27	15+00	1003.05	1003.48
11+00	1000.60	1000.23	16+00	1002.85	1003.24
12+00	1000.56	1000.19	17+00	1002.59	1002.96
13+00	1000.52	1000.15	18+00	1002.31	1002.65
14+00	1000.48	1000.11	19+00	1001.97	1002.28
15+00	1000.44	1000.07	20+00	1001.71	1001.99
16+00	1000.40	1000.03			
17+00	1000.36	1000.00			
18+00	1000.32	1000.00			
19+00	1000.28	1000.00			
20+00	1000.24	1000.00			
21+00	1000.20	1000.00			
22+00	1000.16	1000.00			
23+00	1000.12	1000.00			
24+00	1000.08	1000.00			
25+00	1000.04	1000.00			
26+00	1000.00	1000.00			
27+00	1000.00	1000.00			
28+00	1000.00	1000.00			
29+00	1000.00	1000.00			
30+00	1000.00	1000.00			

OFFSETS & ELEVATIONS - RAMP "B" LT. EDGE (ft)

Station	Offset	Dist.	Elevation	Station	Offset	Dist.	Elevation	Station	Offset	Dist.	Elevation
1+00	0	0	1001.62	33+25	138.50'	025.36	37+50	138.50'	088.22		
2+00	0	0	1001.26	34+00	138.50'	025.04	38+00	138.50'	087.80		
3+00	0	0	1000.90	35+00	138.50'	024.72	39+00	138.50'	087.38		
4+00	0	0	1000.54	36+00	138.50'	024.40	40+00	138.50'	086.96		
5+00	0	0	1000.18	37+00	138.50'	024.08	41+00	138.50'	086.54		
6+00	0	0	1000.00	38+00	138.50'	023.76	42+00	138.50'	086.12		
7+00	0	0	1000.00	39+00	138.50'	023.44	43+00	138.50'	085.70		
8+00	0	0	1000.00	40+00	138.50'	023.12	44+00	138.50'	085.28		
9+00	0	0	1000.00	41+00	138.50'	022.80	45+00	138.50'	084.86		
10+00	0	0	1000.00	42+00	138.50'	022.48	46+00	138.50'	084.44		
11+00	0	0	1000.00	43+00	138.50'	022.16	47+00	138.50'	084.02		
12+00	0	0	1000.00	44+00	138.50'	021.84	48+00	138.50'	083.60		
13+00	0	0	1000.00	45+00	138.50'	021.52	49+00	138.50'	083.18		
14+00	0	0	1000.00	46+00	138.50'	021.20	50+00	138.50'	082.76		
15+00	0	0	1000.00	47+00	138.50'	020.88	51+00	138.50'	082.34		
16+00	0	0	1000.00	48+00	138.50'	020.56	52+00	138.50'	081.92		
17+00	0	0	1000.00	49+00	138.50'	020.24	53+00	138.50'	081.50		
18+00	0	0	1000.00	50+00	138.50'	020.00	54+00	138.50'	081.08		
19+00	0	0	1000.00	51+00	138.50'	019.76	55+00	138.50'	080.66		
20+00	0	0	1000.00	52+00	138.50'	019.52	56+00	138.50'	080.24		
21+00	0	0	1000.00	53+00	138.50'	019.28	57+00	138.50'	079.82		
22+00	0	0	1000.00	54+00	138.50'	019.04	58+00	138.50'	079.40		
23+00	0	0	1000.00	55+00	138.50'	018.80	59+00	138.50'	078.98		
24+00	0	0	1000.00	56+00	138.50'	018.56	60+00	138.50'	078.56		
25+00	0	0	1000.00	57+00	138.50'	018.32	61+00	138.50'	078.14		
26+00	0	0	1000.00	58+00	138.50'	018.08	62+00	138.50'	077.72		
27+00	0	0	1000.00	59+00	138.50'	017.84	63+00	138.50'	077.30		
28+00	0	0	1000.00	60+00	138.50'	017.60	64+00	138.50'	076.88		
29+00	0	0	1000.00	61+00	138.50'	017.36	65+00	138.50'	076.46		
30+00	0	0	1000.00	62+00	138.50'	017.12	66+00	138.50'	076.04		
31+00	0	0	1000.00	63+00	138.50'	016.88	67+00	138.50'	075.62		
32+00	0	0	1000.00	64+00	138.50'	016.64	68+00	138.50'	075.20		
33+00	0	0	1000.00	65+00	138.50'	016.40	69+00	138.50'	074.78		
34+00	0	0	1000.00	66+00	138.50'	016.16	70+00	138.50'	074.36		
35+00	0	0	1000.00	67+00	138.50'	015.92	71+00	138.50'	073.94		
36+00	0	0	1000.00	68+00	138.50'	015.68	72+00	138.50'	073.52		
37+00	0	0	1000.00	69+00	138.50'	015.44	73+00	138.50'	073.10		
38+00	0	0	1000.00	70+00	138.50'	015.20	74+00	138.50'	072.68		
39+00	0	0	1000.00	71+00	138.50'	014.96	75+00	138.50'	072.26		
40+00	0	0	1000.00	72+00	138.50'	014.72	76+00	138.50'	071.84		
41+00	0	0	1000.00	73+00	138.50'	014.48	77+00	138.50'	071.42		
42+00	0	0	1000.00	74+00	138.50'	014.24	78+00	138.50'	071.00		
43+00	0	0	1000.00	75+00	138.50'	014.00	79+00	138.50'	070.58		
44+00	0	0	1000.00	76+00	138.50'	013.76	80+00	138.50'	070.16		
45+00	0	0	1000.00	77+00	138.50'	013.52	81+00	138.50'	069.74		
46+00	0	0	1000.00	78+00	138.50'	013.28	82+00	138.50'	069.32		
47+00	0	0	1000.00	79+00	138.50'	013.04	83+00	138.50'	068.90		
48+00	0	0	1000.00	80+00	138.50'	012.80	84+00	138.50'	068.48		
49+00	0	0	1000.00	81+00	138.50'	012.56	85+00	138.50'	068.06		
50+00	0	0	1000.00	82+00	138.50'	012.32	86+00	138.50'	067.64		
51+00	0	0	1000.00	83+00	138.50'	012.08	87+00	138.50'	067.22		
52+00	0	0	1000.00	84+00	138.50'	011.84	88+00	138.50'	066.80		
53+00	0	0	1000.00	85+00	138.50'	011.60	89+00	138.50'	066.38		
54+00	0	0	1000.00	86+00	138.50'	011.36	90+00	138.50'	065.96		
55+00	0	0	1000.00	87+00	138.50'	011.12	91+00	138.50'	065.54		
56+00	0	0	1000.00	88+00	138.50'	010.88	92+00	138.50'	065.12		
57+00	0	0	1000.00	89+00	138.50'	010.64	93+00	138.50'	064.70		
58+00	0	0	1000.00	90+00	138.50'	010.40	94+00	138.50'	064.28		
59+00	0	0	1000.00	91+00	138.50'	010.16	95+00	138.50'	063.86		
60+00	0	0	1000.00	92+00	138.50'	009.92	96+00	138.50'	063.44		
61+00	0	0	1000.00	93+00	138.50'	009.68	97+00	138.50'	063.02		
62+00	0	0	1000.00	94+00	138.50'	009.44	98+00	138.50'	062.60		
63+00	0	0	1000.00	95+00	138.50'	009.20	99+00	138.50'	062.18		
64+00	0	0	1000.00	96+00	138.50'	008.96	100+00	138.50'	061.76		
65+00	0	0	1000.00	97+00	138.50'	008.72					
66+00	0	0	1000.00	98+00	138.50'	008.48					
67+00	0	0	1000.00	99+00	138.50'	008.24					
68+00	0	0	1000.00	100+00	138.50'	008.00					

ROADWAY & PAVEMENT

Ref. No.	Station		Side & Buffer	1-12 Std. Type 2 Conc. Curb & Buffer	1-12 Conc. Curb	1-15 Guard Rail	1-21 Conc. Med. Sp. Vgs.	1-12 Std. Type 2A Conc. Curb	
	From	To							
1-R	4+00	13+00	LI						
1-P	1+50	1+50	LI	40					
2-P	1+50	1+50	LI		25				
3-P	1+50	1+50	RI		31				
4-P	8+22	9+22	RI		100			102	
5-P	8+81	9+81	RI						
Totals:				40	56	100	845.03	27	102

DRAINAGE

Station	From	To	Structure	Size	Material	Notes
1-2	1+50	1+50	Underdrain	8"	Gravel	Underdrain
1-4	1+50	1+50	Underdrain	8"	Gravel	Underdrain
1-5	1+50	1+50	Underdrain	8"	Gravel	Underdrain
1-8	1+50	1+50	Underdrain	8"	Gravel	Underdrain
1-9	1+50	1+50	Underdrain	8"	Gravel	Underdrain
1-10	1+50	1+50	Underdrain	8"	Gravel	Underdrain
1-11	1+50	1+50	Underdrain	8"	Gravel	Underdrain
1-12	1+50	1+50	Underdrain	8"	Gravel	Underdrain
1-13	1+50	1+50	Underdrain	8"	Gravel	Underdrain
1-14	1+50	1+50	Underdrain	8"	Gravel	Underdrain
1-15	1+50	1+50	Underdrain	8"	Gravel	Underdrain
1-16	1+50	1+50	Underdrain	8"	Gravel	Underdrain
1-17	1+50	1+50	Underdrain	8"	Gravel	Underdrain
1-18	1+50					