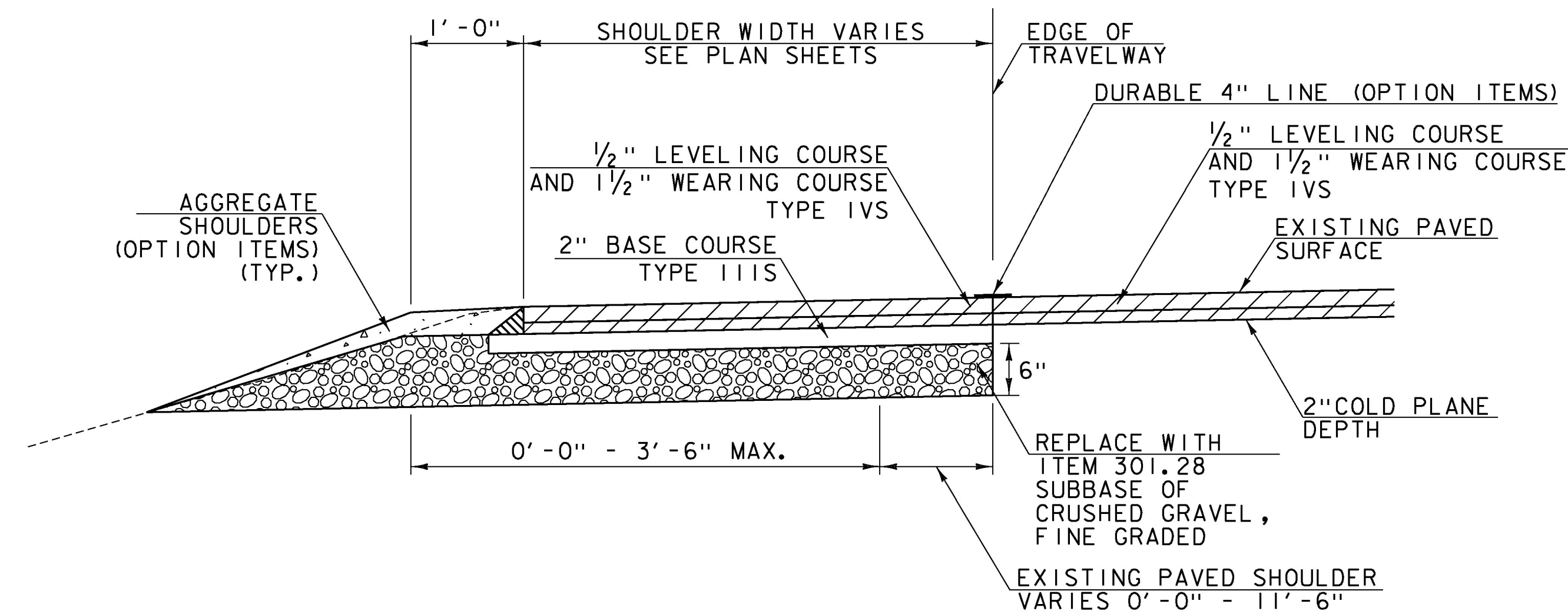
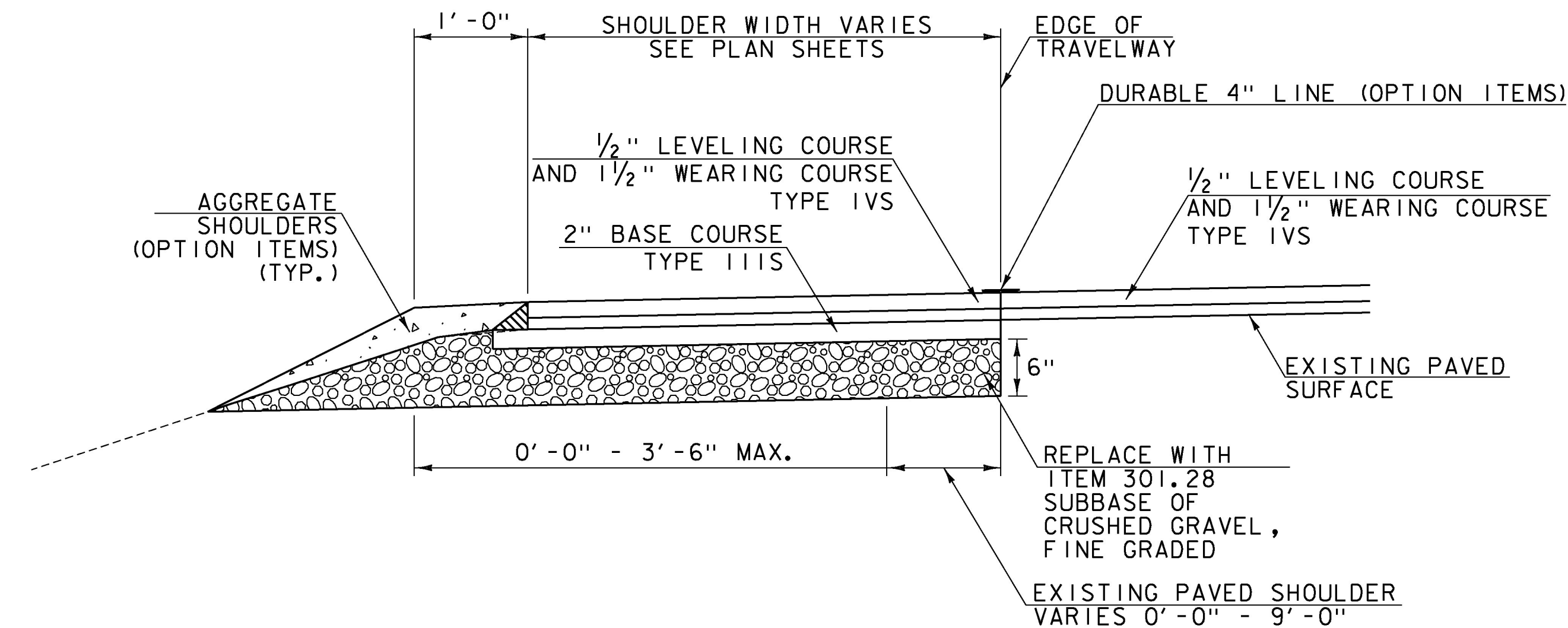


UNSUITABLE SHOULDER RECONSTRUCTION AREAS

UNSUITABLE SHOULDER RECONSTRUCTION AREAS



SHOULDER RECONSTRUCTION DETAIL - COLD PLANE  
(SEE TABLE ON THIS SHEET)



SHOULDER RECONSTRUCTION DETAIL - OVERLAY  
(SEE TABLE ON THIS SHEET)

NOTES:  
PRIOR TO PAVING, ANY EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE ENGINEER SHALL BE EXCAVATED TO A DEPTH OF SIX INCHES. EXCAVATION SHALL BE PAID FOR USING THE APPROPRIATE RENTAL ITEMS. THE METHOD OF REMOVAL AND THE USE OF RENTAL ITEMS SHALL BE APPROVED BY THE ENGINEER PRIOR TO ANY WORK BEING DONE. MATERIAL REMOVED SHALL BE REPLACED WITH ITEM 301.28 SUBBASE OF CRUSHED GRAVEL, FINE GRADED. EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE COMPLETED PRIOR TO PAVING. ANY SOIL SPREAD ON SIDE SLOPE SHALL HAVE TURF ESTABLISHMENT AS DIRECTED BY THE ENGINEER. THE FOLLOWING ITEMS WERE ESTIMATED FOR TURF ESTABLISHMENT: 651.15 SEED, 651.18 FERTILIZER, 651.20 AGRICULTURAL LIMESTONE AND 651.25 HAY MULCH.

STATION	STATION	POSITION	SHOULDER RECONSTRUCTION WIDTH (FT)	ITEM 301.28 SUB. OF CRUSH. GRAV., F.G. (TON)
0+15.84	0+25	LT	11.9	3.8
0+15.84	0+25	RT	11.9	3.8
0+25	0+50	LT	10.9	9.7
0+25	0+50	RT	13.6	11.8
0+50	1+00	LT	12.25	21.5
0+50	1+00	RT	8.1	14.7
1+00	1+15.84	LT	12.9	7.1
1+00	1+15.84	RT	3.0	2.1
1+15.84	2+00	LT	8.4	25.5
1+15.84	2+00	RT	4.0	13.6
2+00	2+40	LT	3.6	6.0
2+00	2+40	RT	4.7	7.4
2+40	2+50	LT	3.25	1.4
2+40	2+50	RT	4.4	1.8
2+50	3+00	RT	3.7	7.6
2+50	3+50	LT	4.0	16.5
3+00	7+50	RT	3.0	58.4
3+50	7+50	LT	3.0	51.9
7+50	8+30	LT	1.6	6.7
7+50	8+30	RT	1.6	6.7
8+30	8+88	RT	0.4	2.6
8+30	8+88	LT	0.6	3.0
8+88	9+52	LT	0.9	3.8
8+88	9+52	RT	0.7	3.5
9+52	10+00	RT	2.2	4.9
9+52	10+00	LT	1.4	3.7
10+00	10+50	LT	2.3	5.3
10+00	10+50	RT	2.75	6.1
10+50	11+00	LT	2.75	6.1
10+50	14+50	RT	2.0	39.1
11+00	11+50	LT	2.7	5.9
11+50	12+00	LT	2.25	5.3
12+00	14+00	LT	2.75	24.5
14+00	16+00	LT	2.0	19.4
14+00	15+00	RT	2.75	6.1
15+00	16+00	RT	2.0	9.6
16+00	17+00	RT	1.8	9.1
16+00	17+00	LT	2.5	11.3
17+00	20+50	RT	3.0	45.4
17+00	25+00	LT	3.0	103.7
20+50	21+50	RT	3.3	13.9
21+50	23+00	RT	3.0	19.4
23+00	24+00	RT	3.9	15.9
24+00	25+00	RT	3.0	13.0
25+00	25+50	RT	2.75	6.1
25+00	25+50	LT	2.5	5.7
25+50	26+00	LT	2.1	5.0
25+50	26+00	RT	2.25	5.3
26+00	26+50	LT	2.6	5.8
26+00	28+50	RT	2.0	24.3
26+50	27+00	LT	3.3	7.0
27+00	27+50	LT	3.5	7.3
27+50	28+00	LT	3.1	6.6
28+00	28+50	LT	2.7	6.0
28+50	29+00	LT	2.5	5.7
28+50	29+00	RT	2.25	5.3
29+00	29+50	RT	2.5	5.6
29+00	29+50	LT	2.3	5.3
29+50	30+00	LT	2.1	5.0
29+50	30+50	RT	2.25	10.5
30+00	31+50	LT	2.0	14.6
30+50	31+00	RT	2.5	5.6
31+00	31+50	RT	2.2	5.2
31+50	32+00	RT	2.0	4.9
31+50	32+00	LT	2.2	5.1
32+00	32+50	LT	2.3	5.3
32+00	32+50	RT	1.75	4.1
32+50	33+00	LT	2.7	5.9
32+50	33+00	RT	1.5	4.1
33+00	33+50	RT	2.5	5.7
33+00	38+50	LT	3.0	71.3
33+50	38+50	RT	3.0	64.8
			SUBTOTAL TABLE 1	971.7

STATION	STATION	POSITION	SHOULDER RECONSTRUCTION WIDTH (FT)	ITEM 301.28 SUB. OF CRUSH. GRAV., F.G. (TON)
38+50	39+00	RT	2.5	5.7
38+50	39+00	LT	2.5	5.7
39+00	40+00	LT	1.5	8.1
39+00	40+00	RT	1.6	8.4
40+00	42+00	LT	2.0	19.5
40+00	45+00	RT	2.0	48.8
42+00	43+00	LT	2.25	10.5
43+00	45+00	LT	2.0	19.8
45+00	45+50	LT	2.5	5.8
45+00	45+50	RT	2.5	5.7
45+50	48+50	RT	3.0	38.9
45+50	48+50	LT	3.0	38.9
48+50	49+50	LT	2.5	11.0
48+50	49+50	RT	2.5	11.3
49+50	50+00	LT	2.0	4.9
49+50	57+00	RT	2.0	72.6
50+00	50+62	LT	2.2	6.3
50+62	52+07	LT	2.7	17.2
52+07	52+50	LT	2.5	4.9
52+50	54+00	LT	2.0	14.6
54+00	54+68	LT	2.25	7.0
54+68	55+26	LT	2.75	7.0
55+26	55+50	LT	2.25	2.5
55+50	58+00	LT	2.0	24.4
57+00	58+00	RT	2.3	10.7
58+00	60+50	LT	2.25	26.3
58+00	63+00	RT	2.0	48.8
60+50	66+00	LT	2.0	53.6
63+00	63+50	RT	2.2	5.1
63+50	64+00	RT	2.7	5.9
64+00	64+50	RT	2.5	5.7
64+50	66+00	RT	2.0	14.6
66+00	66+50	RT	2.5	5.7
66+00	66+50	LT	2.5	5.7
66+50	73+00	LT	3.0	84.3
66+50	73+00	RT	3.0	84.3
73+00	73+50	RT	2.0	4.9
73+00	73+50	LT	2.0	4.9
73+50	74+00	LT	1.5	4.1
73+50	74+00	RT	1.5	4.0
74+00	75+00	RT	2.2	10.0
74+00	78+68	LT	2.0	45.5
75+00	76+00	RT	2.0	9.7
76+00	76+50	RT	2.2	5.0
76+50	77+50	RT	2.4	10.9
77+50	78+68	RT	2.6	13.8
78+68	79+81	RT	2.9	14.3
78+68	80+50	LT	2.2	18.9
79+81	80+50	RT	2.4	7.6
80+50	82+50	RT	2.0	19.4
80+50	86+00	LT	2.0	53.5
82+50	83+50	RT	2.4	11.0
83+50	84+50	RT	2.75	12.2
84+50	85+00	RT	2.6	5.8
85+00	86+00	RT	2.4	10.9
86+00	86+64.5	RT	1.25	4.7
86+00	86+64.5	LT	1.2	4.5
86+64.5	87+50.2	LT	0.3	3.6
86+64.5	87+50.2	RT	0.3	3.6
87+50.2	88+00	RT	0.7	2.7
87+50.2	88+00	LT	1.25	3.6
88+00	88+50	RT	1.6	4.1
88+00	91+31	LT	2.0	32.3
88+50	91+01	RT	2.0	24.4
91+01	91+31	RT	2.5	3.4
91+31	91+50.56	RT	2.25	2.1
91+31	92+00	LT	1.4	5.4
91+50.56	92+00	RT	1.75	4.4
92+00	92+50.56	RT	1.0	2.5
92+00	92+50.56	LT	1.0	2.5
			SUBTOTAL TABLE 2	1120.4
			SUBTOTAL TABLE 1	971.7
			SUBTOTAL	2092.1*

\* ITEM CARRIED FORWARD TO ITEM DETAIL SUMMARY SHEET. SEE SHEET 173.

NOT TO SCALE

PROJECT NAME: RICHFORD  
PROJECT NUMBER: STP 2916(I)

FILE NAME: z10c234de+all.dgn PLOT DATE: 4/2/2018  
PROJECT LEADER: G. EDWARDS DRAWN BY: D. BARNES  
DESIGNED BY: D. BARNES CHECKED BY: J. LITTLE  
MISCELLANEOUS DETAIL SHEET 1 SHEET 167 OF 222

