ITEM 609.11 VERT CURB TYPE 1						
PT. to PT.	RADIUS	LENGTH	STATION	OFFSET	X COORD	Y COORD
TANGENT , CURVE & CENTER POINT DATA FOR ISL01						
20-19	93.00'	5.07'	16+84.02	118.64' LT.	1695724.49	477776.72
19-13	250.00'	25.74'	16+57.99	271.84' LT.	1695708.08	477932.86
11-15		13.60'		LT.		
16-17	236.00'	12.68'	16+57.99	271.84' LT.	1695708.08	477932.86
17-20A	79.00'	12.44'	16+84.03	118.64' LT.	1695724.49	477776.72
TANGENT , CURVE & CENTER POINT DATA FOR ISL02						
81-79	79.00'	21.39'	16+84.02	118.64' LT.	1695724.49	477776.72
80-21	93.00'	26.97'	16+84.02	118.64' LT.	1695724.49	477776.72
TANGENT , CURVE & CENTER POINT DATA FOR ML04						
42-49	627.00'	92.76'	14+30.29	600.00' RT.	1695625.33	477064.96
49-54		18.22'		LT.		
TANGENT , CURVE & CENTER POINT DATA FOR SL01						
69-72		119.28'		LT.		
72-72A	100.00'	27.47'	18+94.71	91.36' LT.	1695950.44	477675.11
72A -74	205.00'	12.80'	19+91.63	98.85' LT.	1696043.63	477626.72
74-40	56.00'	92.76'	18+56.37	82.99' LT.	1695907.37	477687.00
TANGENT DATA FOR SR02						
73-75		59.60'		RT.		
76-77		8.45'		RT.		

ITEM 609.12 VERT CURB TYPE 1 - CIRCULAR						
PT. to PT.	RADIUS	LENGTH	STATION	OFFSET	X COORD	Y COORD
CURVE & CENTER POINT DATA FOR ISL01						
13-11	2.00'	4.75'	16+81.00	25.46' LT.	1695708.52	477684.86
15-16	5.00'	3.60'	16+91.19	34.37' LT.	1695720.37	477692.18
CURVE & CENTER POINT DATA FOR ISL02						
79-78	6.00'	12.69'	17+36.71	58.84' LT.	1695773.13	477707.01
78-80	10.00'	10.68'	17+33.22	57.71' LT.	1695769.13	477706.75
CURVE & CENTER POINT DATA FOR ML03						
41-41A	56.00'	25.78'	18+56.37	82.99' LT.	1695907.37	477687.00
CURVE & CENTER POINT DATA FOR ML04						
41B-42	56.00'	9.67'	18+56.37	82.99' LT.	1695907.37	477687.00
CURVE & CENTER POINT DATA FOR SR02						
75-76	10.00'	15.25'	133+61.14	26.26' RT.	1695814.16	477748.45

ITEM 609.34 CURB TYPE 5						
PT. to PT.	RADIUS	LENGTH	STATION	OFFSET	X COORD	Y COORD
TANGENT , CURVE & CENTER POINT DATA FOR ISL03						
25-24		5.46'		LT.		
26-33	614.00'	11.79'	19+45.10	600.00' RT.	1695625.33	477064.96
TANGENT , CURVE & CENTER POINT DATA FOR ISL04						
27-30		6.68'		LT.		
31-34	62.00'	9.22'	18+37.18	72.00' LT.	1695883.11	477685.55
TANGENT , CURVE & CENTER POINT DATA FOR ISL05						
35-38	614.00'	6.72'	14+30.29	600.00' RT.	1695625.33	477064.96
39-36	62.00'	62.00'	18+37.18	72.00' LT.	1695883.11	477685.55

ITEM 609.35 CURB TYPE 5 - CIRCULAR						
PT. to PT.	RADIUS	LENGTH	STATION	OFFSET	X COORD	Y COORD
TANGENT , CURVE & CENTER POINT DATA FOR ISL03						
24-26	2.00'	3.81'	17+84.32	16.00' LT.	1695810.66	477652.42
TANGENT , CURVE & CENTER POINT DATA FOR ISL04						
30-31	2.00'	4.35'	17+90.30	33.28' LT.	1695821.87	477666.97
TANGENT , CURVE & CENTER POINT DATA FOR ISL05						
38-39	2.00'	2.00'	18+08.28	16.00' LT.	1695833.97	477644.55

POINT	STATION	OFFSET	X COORD	Y COORD
CONTROL POINTS FOR SL01				
69	132+00.00	16.00' LT.	1695959.14	477830.52
72	133+19.16	21.44' LT.	1695877.52	477743.53
72A	133+46.08	26.43' LT.	1695861.69	477721.19
74	133+58.09	30.83' LT.	1695856.15	477709.65
40	18+18.63	45.69' LT.	1695854.47	477668.62
CONTROL POINTS FOR ML03				
41	18+22.44	41.33' LT.	1695856.72	477663.10
41A	18+43.46	28.76' LT.	1695872.58	477643.06
CONTROL POINTS FOR ML04				
41B	18+47.18	27.86' LT.	1695875.81	477640.70
42	18+56.37	26.99' LT.	1695884.24	477636.00
49	19+45.15	27.00' LT.	1695965.60	477591.60
54	19+74.38	27.00' LT.	1695990.15	477575.73
CONTROL POINTS FOR SR01				
70	132+12.67	15.00' RT.	1695928.44	477843.91
71	132+68.00	15.00' RT.	1695888.78	477805.33
CONTROL POINTS FOR SR02				
73	133+01.76	15.00' RT.	1695864.57	477781.79
75	133+61.36	16.26' RT.	1695820.98	477741.14
76	133+71.05	26.01' RT.	1695807.17	477741.30
77	133+71.21	34.46' RT.	1695801.13	477747.21

POINT	STATION	OFFSET	X COORD	Y COORD
CONTROL POINTS FOR ISL01				
20	17+10.00	30.32' LT.	1695739.25	477684.90
19	17+05.39	28.77' LT.	1695734.22	477684.23
13	16+81.26	23.48' LT.	1695708.52	477682.86
11	16+79.50	26.70' LT.	1695707.12	477686.30
15	16+87.44	37.41' LT.	1695716.88	477695.77
16	16+90.25	39.27' LT.	1695720.11	477697.17
17	17+01.79	42.24' LT.	1695732.75	477698.16
20A	17+12.61	46.63' LT.	1695744.97	477700.42
CONTROL POINTS FOR ISL02				
21	17+19.60	34.70' LT.	1695750.01	477687.29
80	134+21.86	21.57' RT.	1695774.51	477698.32
78	134+12.44	23.70' RT.	1695779.11	477707.40
79	134+14.76	33.85' RT.	1695769.69	477711.93
81	134+32.43	42.80' RT.	1695750.72	477702.20
CONTROL POINTS FOR ISL03				
24	17+82.48	16.66' LT.	1695809.06	477653.61
25	17+84.22	21.82' LT.	1695812.31	477658.00
26	17+84.32	14.00' LT.	1695810.06	477650.51
33	17+95.84	14.00' LT.	1695821.27	477646.86
CONTROL POINTS FOR ISL04				
27	17+86.28	27.73' LT.	1695816.14	477662.98
30	17+88.53	33.98' LT.	1695820.30	477668.21
31	17+91.85	34.42' LT.	1695823.78	477667.55
34	17+97.43	27.33' LT.	1695827.10	477658.96
CONTROL POINTS FOR MR03				
28	17+86.74	27.00' RT.	1695799.93	477610.72
32	17+95.43	26.99' RT.	1695807.81	477608.14
CONTROL POINTS FOR MR04				
29	17+86.79	37.14' RT.	1695796.88	477601.04
44	18+82.07	33.19' RT.	1695881.28	477570.69
CONTROL POINTS FOR MR05				
37	18+01.72	26.99' RT.	1695813.50	477606.20
43	18+81.96	26.95' RT.	1695884.00	477576.31
CONTROL POINTS FOR ISL05				
35	18+01.71	14.00' LT.	1695826.95	477644.91
36	18+01.71	23.21' LT.	1695829.97	477653.61
38	18+08.28	14.00' LT.	1695833.29	477642.67
39	18+09.26	17.73' LT.	1695835.50	477645.83

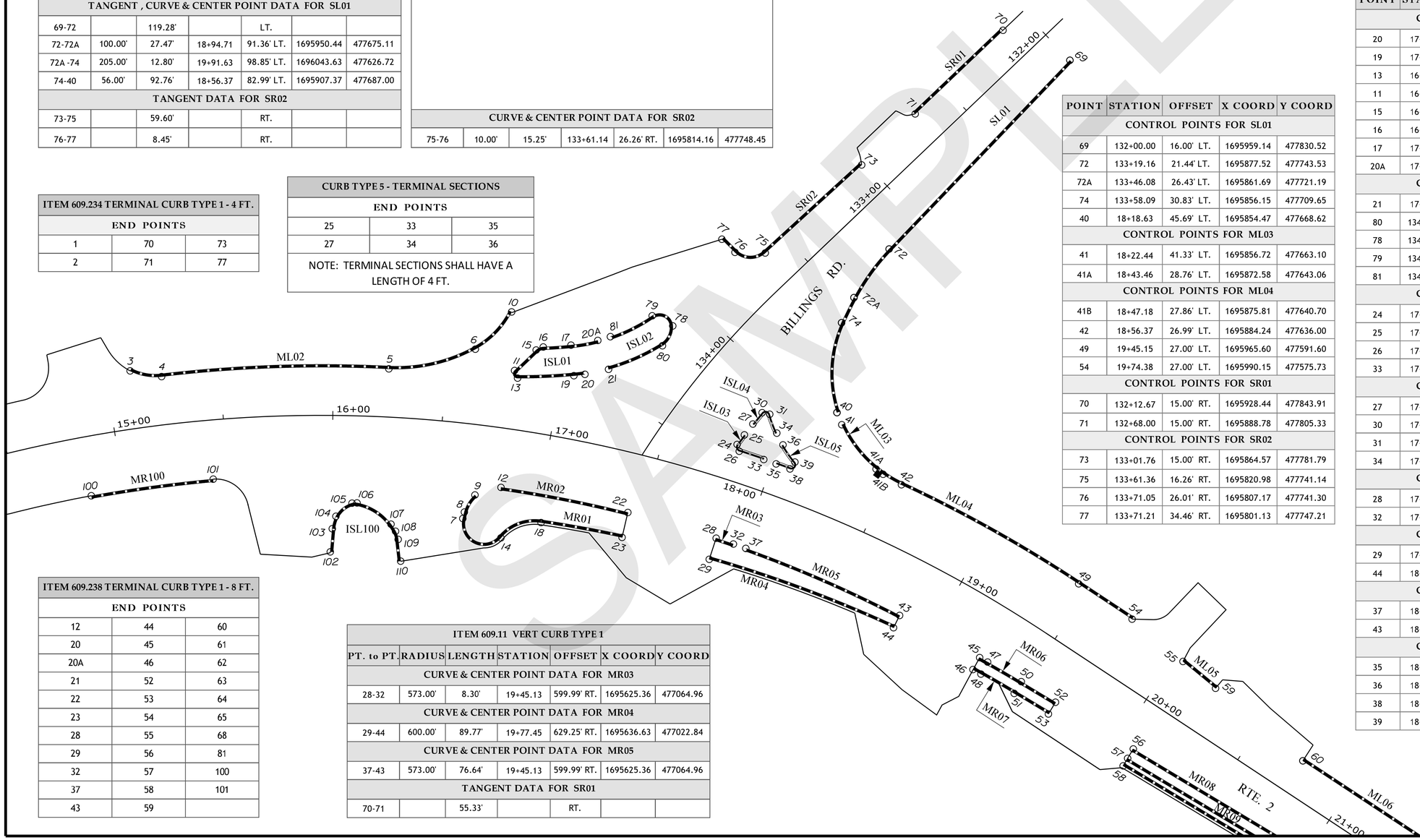
ITEM 609.234 TERMINAL CURB TYPE 1 - 4 FT.		
END POINTS		
1	70	73
2	71	77

CURB TYPE 5 - TERMINAL SECTIONS		
END POINTS		
25	33	35
27	34	36

NOTE: TERMINAL SECTIONS SHALL HAVE A LENGTH OF 4 FT.

ITEM 609.238 TERMINAL CURB TYPE 1 - 8 FT.		
END POINTS		
12	44	60
20	45	61
20A	46	62
21	52	63
22	53	64
23	54	65
28	55	68
29	56	81
32	57	100
37	58	101
43	59	

ITEM 609.11 VERT CURB TYPE 1						
PT. to PT.	RADIUS	LENGTH	STATION	OFFSET	X COORD	Y COORD
CURVE & CENTER POINT DATA FOR MR03						
28-32	573.00'	8.30'	19+45.13	599.99' RT.	1695625.36	477064.96
CURVE & CENTER POINT DATA FOR MR04						
29-44	600.00'	89.77'	19+77.45	629.25' RT.	1695636.63	477022.84
CURVE & CENTER POINT DATA FOR MR05						
37-43	573.00'	76.64'	19+45.13	599.99' RT.	1695625.36	477064.96
TANGENT DATA FOR SR01						
70-71		55.33'		RT.		



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1788(700)X

WIN 017887.00

HIGHWAY PLANS

PROJ. MANAGER	BY	DATE
DESIGN-DETAILED		
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

HERMON
ROUTE 2 & BILLINGS ROAD

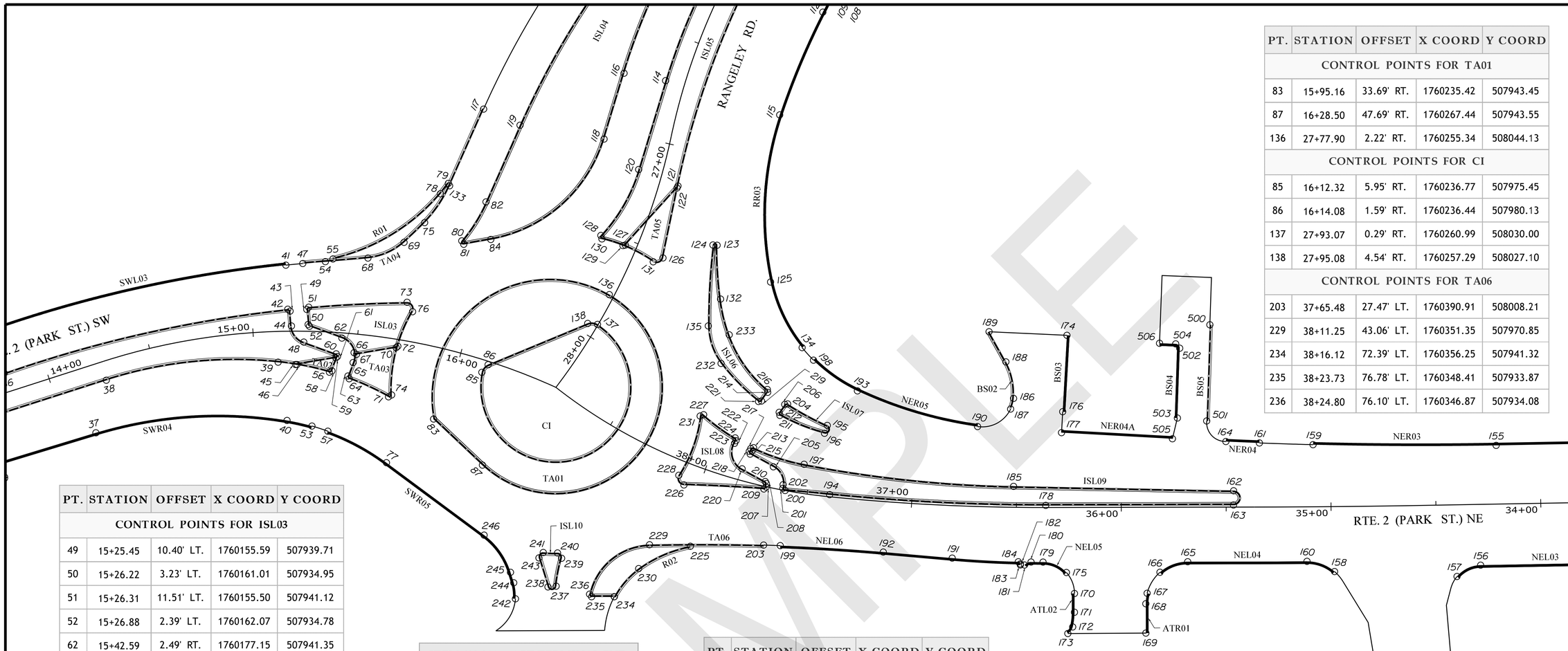
GEOMETRIC PLANS

SHEET NUMBER

12

OF 29

Filename: ...\DGN\012A_Geometry2.dgn Division: HIGHWAY Username: Jonathon.French Date:12/11/2018



PT.	STATION	OFFSET	X COORD	Y COORD
CONTROL POINTS FOR TA01				
83	15+95.16	33.69' RT.	1760235.42	507943.45
87	16+28.50	47.69' RT.	1760267.44	507943.55
136	27+77.90	2.22' RT.	1760255.34	508044.13
CONTROL POINTS FOR CI				
85	16+12.32	5.95' RT.	1760236.77	507975.45
86	16+14.08	1.59' RT.	1760236.44	507980.13
137	27+93.07	0.29' RT.	1760260.99	508030.00
138	27+95.08	4.54' RT.	1760257.29	508027.10
CONTROL POINTS FOR TA06				
203	37+65.48	27.47' LT.	1760390.91	508008.21
229	38+11.25	43.06' LT.	1760351.35	507970.85
234	38+16.12	72.39' LT.	1760356.25	507941.32
235	38+23.73	76.78' LT.	1760348.41	507933.87
236	38+24.80	76.10' LT.	1760346.87	507934.08

PT.	STATION	OFFSET	X COORD	Y COORD
CONTROL POINTS FOR ISL03				
49	15+25.45	10.40' LT.	1760155.59	507939.71
50	15+26.22	3.23' LT.	1760161.01	507934.95
51	15+26.31	11.51' LT.	1760155.50	507941.12
52	15+26.88	2.39' LT.	1760162.07	507934.78
62	15+42.59	2.49' RT.	1760177.15	507941.35
66	15+49.08	8.93' RT.	1760186.14	507940.30
67	15+50.35	9.63' RT.	1760187.54	507940.50
70	15+69.09	3.99' RT.	1760199.04	507955.83
72	15+69.76	3.17' RT.	1760199.13	507956.89
73	15+70.64	18.23' LT.	1760187.90	507975.13
76	15+73.83	14.25' LT.	1760192.91	507973.67
CONTROL POINTS FOR R01				
55	15+36.27	34.90' LT.	1760148.05	507965.75
78	15+76.33	71.97' LT.	1760163.79	508023.59
79	15+78.56	77.56' LT.	1760163.12	508029.80
CONTROL POINTS FOR SWR05				
57	15+38.54	47.25' RT.	1760202.87	507904.53
77	15+74.43	58.85' RT.	1760233.47	507912.86
242	38+47.37	94.49' LT.	1760322.77	507908.14
244	38+50.74	88.33' LT.	1760316.91	507913.11
245	38+53.65	84.88' LT.	1760312.35	507915.67
246	38+68.97	77.00' LT.	1760291.01	507919.88

ITEM 609.214 - 4 FT TERMINAL END							
END POINTS							
MOLD 1							
4	13						
MOLD 2							
14	15	16	41	55	57	79	88
90	91	92	101	134	158	166	167
170	175	176	199	225	234	242	503
MOLD 5							
187	501						
MOLD 6							
47	117	203					

ITEM 609.218 - 8 FT TERMINAL END							
END POINTS							
MOLD 1							
143	144	145	146	151	152	153	154
157	159	161	164	177	190	198	505

PT.	STATION	OFFSET	X COORD	Y COORD
CONTROL POINTS FOR TA03				
63	15+47.10	20.29' RT.	1760191.70	507930.21
64	15+47.85	21.53' RT.	1760193.01	507929.68
65	15+49.06	13.67' RT.	1760189.05	507936.56
66	15+49.08	8.93' RT.	1760186.14	507940.30
71	15+69.29	27.72' RT.	1760212.54	507936.32
72	15+69.76	3.17' RT.	1760199.13	507956.89
74	15+70.74	26.58' RT.	1760212.99	507938.00
CONTROL POINTS FOR ISL04				
80	15+88.41	52.06' LT.	1760186.65	508014.32
81	15+89.51	50.69' LT.	1760188.45	508013.79
82	15+94.11	72.84' LT.	1760182.23	508035.75
84	15+99.65	56.06' LT.	1760196.22	508024.32
104	25+26.81	27.41' RT.	1760152.32	508279.95
105	25+27.34	23.46' RT.	1760156.29	508279.46
116	26+73.65	29.17' RT.	1760187.67	508125.57
118	27+05.09	30.94' RT.	1760202.38	508096.25
119	27+09.12	71.40' RT.	1760168.80	508073.44

PT.	STATION	OFFSET	X COORD	Y COORD
CONTROL POINTS FOR ISL08				
207	37+69.84	0.17' LT.	1760372.71	508029.08
208	37+70.09	1.51' RT.	1760371.63	508030.39
209	37+70.67	1.30' LT.	1760372.57	508027.67
210	37+70.80	2.33' RT.	1760370.60	508030.72
220	37+83.19	5.50' RT.	1760358.42	508027.50
222	37+90.09	17.56' RT.	1760347.06	508035.22
223	37+90.39	16.14' RT.	1760347.44	508033.83
224	37+90.89	18.72' RT.	1760345.88	508035.94
226	38+06.96	10.53' LT.	1760343.54	508002.78
227	38+10.46	24.10' RT.	1760327.35	508033.58
228	38+10.78	7.13' LT.	1760338.60	508004.45
231	38+11.90	22.91' RT.	1760326.58	508031.99
CONTROL POINTS FOR R02				
225	37+95.26	37.02' LT.	1760365.97	507983.75
230	38+11.68	55.54' LT.	1760355.43	507959.04
234	38+16.12	72.39' LT.	1760356.25	507941.32

SAMPLE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

HSIP-2269(200)

WIN 022692.00

HIGHWAY PLANS

PROJ. MANAGER			
DESIGN-DETAILED			
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

ORONO
ROUTE 2/RANGELEY ROAD

GEOMETRIC PLANS

SHEET NUMBER
46
OF 81

Filename: ...\DGN\046_Geometry2.dgn Division: HIGHWAY Username: Jonathan.French Date:12/11/2018

ITEM 609.21 MOLD 5

PT. to PT.	RADIUS	LENGTH	STATION	OFFSET	X COORD	Y COORD
TANGENT , CURVE & CENTER POINT DATA FOR ISL04						
80 - 81	1.00'	2.44'	27+91.27	75.26' RT.	1760187.64	508014.38
81 - 84		13.09'		LT.		
84 - 118	69.00'	75.98'	26+99.32	99.79' RT.	1760140.72	508065.30
118 - 116		32.80'		RT.		
116 - 105	301.00'	158.90'	26+96.71	271.65' LT.	1760456.69	508260.58
105 - 104	2.00'	6.04'	25+27.19	25.45' RT.	1760154.29	508279.59
104 - 119	399.00'	209.57'	27+40.66	325.61' LT.	1760544.66	508207.34
119 - 82		40.01'		RT. & LT.		
82 - 80	79.00'	21.96'	27+63.62	153.50' RT.	1760107.81	508009.24
TANGENT , CURVE & CENTER POINT DATA FOR ISL09						
163 - 162	3.40'	10.61'	35+46.50	4.40' RT.	1760537.82	508178.75
162 - 185		104.91'		RT.		
185 - 197	590.00'	100.52'	22+96.17	166.39' RT.	1760060.38	508546.43
197 - 213	101.00'	25.45'	37+46.59	114.75' RT.	1760323.93	508134.52
213 - 217	1.00'	1.52'	37+80.66	15.67' RT.	1760355.74	508037.61
217 - 218		1.46'		RT.		
218 - 215	1.00'	1.57'	37+81.02	14.25 RT.	1760356.12	508036.20
215 - 205		12.60'		RT.		
205 - 202	9.00'	10.27'	37+71.08	1.37' RT.	1760370.86	508029.76
202 - 201		1.74'		RT.		
201 - 200	1.00'	1.56'	37+60.79	0.95' RT	1760379.68	508034.77
200 - 194	1000.00'	21.48'	37+39.30	999.00' LT.	1761008.88	507256.24
194 - 178	999.00'	103.19'	21+19.41	508.93' RT.	1759786.05	508837.59
178 - 163		89.49'		RT.		
TANGENT , CURVE & CENTER POINT DATA FOR BS02						
189 - 188		16.46'		RT.		
188 - 186	30.00'	18.07'	36+83.69	53.85' RT.	1760405.53	508122.45
186 - 187	15.00'	5.29'	36+67.86	53.02' RT.	1760417.33	508131.71
TANGENT , CURVE & CENTER POINT DATA FOR ISL08						
209 - 207	1.00'	1.57'	37+70.82	0.31' LT.	1760371.94	508028.44
207 - 208		1.70'		LT. & RT.		
208 - 210	1.00'	1.14'	37+71.08	1.37' RT.	1760370.86	508029.76
210 - 220		12.60'		RT.		
220 - 223	9.00'	14.07'	37+81.02	14.25' RT.	1760356.12	508036.20
223 - 222		1.45'		RT.		
222 - 224	1.00'	1.52'	37+91.15	17.75' RT.	1760346.09	508034.96
224 - 227	101.00'	18.70'	37+46.59	114.75' RT.	1760323.93	508134.52
227 - 231	1.00'	2.17'	38+10.83	23.16' RT.	1760327.38	508032.58
231 - 228	69.00'	30.30'	38+78.45	3.62' LT.	1760270.87	507991.27
228 - 226	3.00'	6.32'	38+07.92	7.70' LT.	1760341.55	508005.02
226 - 209	1000.00'	38.24'	37+39.30	999.00' LT.	1761008.88	507256.24

ITEM 609.21 MOLD 6

PT. to PT.	RADIUS	LENGTH	STATION	OFFSET	X COORD	Y COORD
TANGENT , CURVE & CENTER POINT DATA FOR TA01						
83 - 87		32.05'		RT.		
87 - 136	51.00'	171.89'	16+48.21	0.00'	1760267.28	507994.55
136 - 83	56.50'	128.96'	16+47.66	5.47' RT.	1760268.57	507989.21
TANGENT , CURVE & CENTER POINT DATA FOR TA06						
203 - 229	1000.00'	54.42'	37+18.31	1024.00' LT.	1761057.51	507262.79
229 - 236	30.00'	39.92'	38+01.97	70.82' LT.	1760372.53	507949.61
236 - 235	1.00'	1.79'	38+24.05	75.88' LT.	1760347.72	507934.60
235 - 234		10.82'		RT.		
TANGENT , CURVE & CENTER POINT DATA FOR ISL10						
238 - 237	2.00'	5.45'	38+38.38	80.53' LT.	1760331.09	507924.66
237 - 239	87.00'	13.58'	37+70.61	59.12' LT.	1760402.28	507978.07
239 - 240	2.00'	3.71'	38+41.60	67.29' LT.	1760323.65	507936.38
240 - 241	79.00'	6.80'	38+81.87	0.00'	1760267.28	507994.55
241 - 243	2.00'	3.90'	38+46.44	70.52' LT.	1760318.43	507931.75
243 - 238		14.50'		RT.		

ITEM 609.21 MOLD 4

PT. to PT.	RADIUS	LENGTH	STATION	OFFSET	X COORD	Y COORD
TANGENT , CURVE & CENTER POINT DATA FOR CI						
86 - 85	5.00'	4.89'	16+17.39	5.38' RT.	1760241.01	507978.10
85 - 137	36.00'	155.83'	16+48.21	0.00'	1760267.28	507994.55
137 - 138	5.00'	4.89'	27+98.07	0.51' RT.	1760261.86	508025.08
138 - 86		51.40'		LT. & RT.		
CURVE & CENTER POINT DATA FOR R02						
225 - 230	60.00'	27.09'	37+74.06	90.84' LT.	1760414.49	507948.45
230 - 234	40.00'	17.89'	37+85.69	78.28' LT.	1760394.81	507951.98

ITEM 609.21 MOLD 2

PT. to PT.	RADIUS	LENGTH	STATION	OFFSET	X COORD	Y COORD
TANGENT , CURVE & CENTER POINT DATA FOR ATL02						
173 - 172	5.00'	3.99'	36+28.12	55.82' LT.	1760520.30	508078.84
172 - 171	30.00'	7.08'	36+51.63	50.03' LT.	1760498.64	508066.37
171 - 170		8.95'		LT.		
TANGENT , CURVE & CENTER POINT DATA FOR NEL05						
175 - 179	15.00'	12.48'	36+37.33	41.04' LT.	1760503.40	508083.15
179 - 180		5.81'		LT.		
180 - 181	4.00'	3.51'	36+42.90	30.02' LT.	1760491.63	508087.20
TANGENT DATA FOR BS03						
174 - 176		36.50'		RT.		
TANGENT , CURVE & CENTER POINT DATA FOR NEL06						
183 - 182		0.50'		LT.		
182 - 184	1.00'	1.56'	36+48.81	26.96' LT.	1760485.10	508085.28
184 - 191	500.00'	31.56'	23+61.88	58.86' RT.	1760148.95	508456.77
191 - 192		32.99'		LT.		
192 - 199	1000.00'	49.22'	37+18.31	1024.00' LT.	1761057.51	507262.79

ITEM 609.21 MOLD 1

PT. to PT.	RADIUS	LENGTH	STATION	OFFSET	X COORD	Y COORD
CURVE & CENTER POINT DATA FOR NER04						
161 - 164	1995.00'	16.00'	34+20.77	2023.00' RT.	1759211.59	509704.65
TANGENT DATA FOR NER04A						
247 - 177		52.95'		RT.		
CURVE & CENTER POINT DATA FOR NER05						
190 - 193	200.00'	59.99'	25+27.57	129.91' LT.	1760309.63	508282.13
193 - 198	75.00'	25.67'	37+01.71	121.74' RT.	1760349.03	508163.50

SAMPLE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

HSIP-2269(200)

WIN 022692.00

HIGHWAY PLANS

PROJ. MANAGER	BY	DATE
DESIGN-DETAILED		
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ORONO
ROUTE 2/RANGELEY ROAD

GEOMETRIC PLANS

SHEET NUMBER

47

OF 81

Filename: ...\DGN\047_Geometry2A.dgn Division: HIGHWAY Username: Jonathon.French Date:12/11/2018