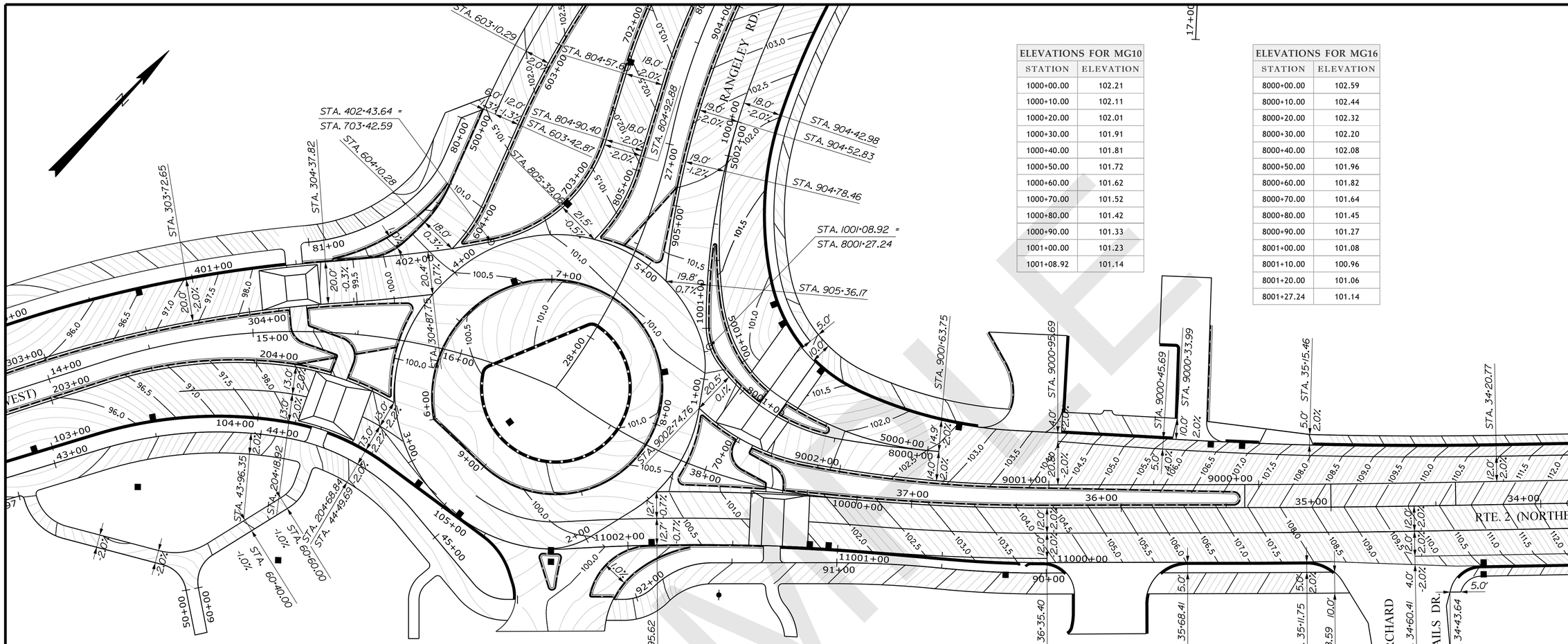


ELEVATIONS FOR MG10	
STATION	ELEVATION
1000+00.00	102.21
1000+10.00	102.11
1000+20.00	102.01
1000+30.00	101.91
1000+40.00	101.81
1000+50.00	101.72
1000+60.00	101.62
1000+70.00	101.52
1000+80.00	101.42
1000+90.00	101.33
1001+00.00	101.23
1001+08.92	101.14

ELEVATIONS FOR MG16	
STATION	ELEVATION
8000+00.00	102.59
8000+10.00	102.44
8000+20.00	102.32
8000+30.00	102.20
8000+40.00	102.08
8000+50.00	101.96
8000+60.00	101.82
8000+70.00	101.64
8000+80.00	101.45
8000+90.00	101.27
8001+00.00	101.08
8001+10.00	100.96
8001+20.00	101.06
8001+27.24	101.14

LEGEND			
STATION	TO	STATION	ALIGNMENT
1+00.00	—	5+62.91	SG01
6+00.00	—	9+32.90	SG02
40+00.00	—	45+51.74	SG03
50+00.00	—	50+94.29	SG04
60+00.00	—	60+82.23	SG05
70+00.00	—	70+30.94	SG06
80+00.00	—	81+01.84	SG07
90+00.00	—	92+11.24	SG08
100+00.00	—	105+09.34	MG01
200+00.00	—	204+68.84	MG02
300+00.00	—	304+87.75	MG03
400+00.00	—	402+43.64	MG04
500+00.00	—	500+94.04	MG05
600+00.00	—	604+10.29	MG06
700+00.00	—	703+42.59	MG07
800+00.00	—	805+39.06	MG08
900+00.00	—	905+36.17	MG09
1000+00.00	—	1001+08.92	MG10
5000+00.00	—	5002+16.96	MG14
8000+00.00	—	8001+27.24	MG16
9000+00.00	—	9002+74.46	MG17
10000+00.00	—	10000+95.62	MG18
11000+00.00	—	11002+29.46	MG19

ELEVATIONS FOR SG05	
STATION	ELEVATION
60+00.00	97.12
60+10.00	97.33
60+20.00	97.54
60+30.00	97.75
60+40.00	97.96
60+50.00	98.17
60+60.00	98.38
60+70.00	98.59
60+80.00	98.80
60+82.23	98.85

ELEVATIONS FOR SG06	
STATION	ELEVATION
70+00.00	101.18
70+10.00	101.27
70+20.00	101.35
70+30.00	101.44
70+30.94	101.45

ELEVATIONS FOR SG07	
STATION	ELEVATION
80+00.00	101.77
80+10.00	101.82
80+20.00	101.87
80+30.00	101.92
80+40.00	101.97
80+50.00	101.88
80+60.00	101.57
80+70.00	101.08
80+80.00	100.58
80+90.00	100.08
81+00.00	99.58
81+01.84	99.49

ELEVATIONS FOR SG08	
STATION	ELEVATION
91+50.00	101.49
91+60.00	101.33
91+70.00	101.17
91+80.00	101.13
91+90.00	100.84
92+00.00	100.55
92+10.00	100.27
92+11.24	100.23

ELEVATIONS FOR MG14	
STATION	ELEVATION
5000+00.00	102.51
5000+10.00	102.37
5000+20.00	102.24
5000+30.00	102.12
5000+40.00	102.00
5000+50.00	101.89
5000+60.00	101.74
5000+70.00	101.55
5000+80.00	101.35
5000+90.00	101.17
5001+00.00	101.11
5001+10.00	101.16
5001+20.00	101.26
5001+30.00	101.36
5001+40.00	101.46
5001+50.00	101.52
5001+60.00	101.65
5001+70.00	101.74
5001+80.00	101.83
5001+90.00	101.93
5002+00.00	102.04
5002+10.00	102.14
5002+16.96	102.21

ELEVATIONS FOR MG17			
STATION	ELEVATION	STATION	ELEVATION
9000+00.00	107.47	9001+50.00	102.94
9000+10.00	107.14	9001+60.00	102.74
9000+20.00	106.82	9001+70.00	102.57
9000+30.00	106.49	9001+80.00	102.40
9000+40.00	106.16	9001+90.00	102.24
9000+50.00	105.83	9002+00.00	102.07
9000+60.00	105.50	9002+10.00	101.90
9000+70.00	105.17	9002+20.00	101.73
9000+80.00	104.85	9002+30.00	101.56
9000+90.00	104.54	9002+40.00	101.39
9001+00.00	104.25	9002+50.00	101.22
9001+10.00	103.96	9002+60.00	101.05
9001+20.00	103.69	9002+70.00	100.88
9001+30.00	103.43	9002+74.46	100.80
9001+40.00	103.18		

ELEVATIONS FOR MG18	
STATION	ELEVATION
10000+50.00	101.30
10000+60.00	101.10
10000+70.00	100.90
10000+80.00	100.70
10000+90.00	100.49
10000+95.62	100.38

ELEVATIONS FOR MG19	
STATION	ELEVATION
11001+79.97	100.25
11001+80.00	100.25
11001+90.00	100.17
11002+00.00	100.09
11002+10.00	100.01
11002+20.00	99.93
11002+29.46	99.85

NOTE: UNLESS OTHERWISE PROVIDED ON THE GRADING PLANS, ELEVATIONS OF THE SHARED USE PATH EDGE ADJACENT TO THE ESPLANADE ARE BASED ON A 2.0% ESPLANADE GRADE FROM TOP OF CURB AND THE CROSS SLOPE OF THE SHARED USE PATH IS 2.0%.

SAMPLE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

HSIP-2269(200)

WIN 022692.00

HIGHWAY PLANS

	BY	DATE
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

GRADING PLANS

SHEET NUMBER

37

OF 81

Filename: ...\DGN\037_Grading2.dgn Division: HIGHWAY Username: Jonathon.French Date:12/11/2018

ALIGNMENT DATA FOR SG05

		STATION	X COORD	Y COORD
CURVE				
PC		60+00.00	1760209.37	507808.07
PI		60+10.34	1760200.95	507814.06
CC			1760218.06	507820.29
PT		60+18.10	1760203.55	507824.06
R	15.00'			
Δ	69°-08'-48" RT.			
D	381°-58'-19"			
L	18.10'			
T	10.34'			
E	3.22'			
TANGENT				
PT		60+18.10	1760203.55	507824.06
PC		60+60.99	1760214.33	507865.57
BEARING	N 14°-33'-46" E			
L	42.88'			
CURVE				
PC		60+60.99	1760214.33	507865.57
PI		60+68.00	1760216.09	507872.36
CC			1760194.97	507870.60
PT		60+74.47	1760213.23	507878.76
R	20.00'			
Δ	38°-38'-23" LT.			
D	286°-28'-44"			
L	13.49'			
T	7.01'			
E	1.19'			
TANGENT				
PT		60+74.47	1760213.23	507878.76
PC		60+82.21	1760210.08	507885.82
BEARING	N 24°-04'-37" W			
L	7.73'			
CURVE				
PC		60+82.21	1760210.08	507885.82
PI		60+84.25	1760209.24	507887.69
CC			1760211.90	507886.63
PT		60+85.39	1760211.13	507888.48
R	2.00'			
Δ	91°-16'-24" RT.			
D	2864°-47'-20"			
L	3.19'			
T	2.04'			
E	0.86'			

ALIGNMENT DATA FOR SG06

		STATION	X COORD	Y COORD
TANGENT				
POB		70+00.00	1760347.06	508035.22
PC		70+01.44	1760347.44	508033.83
BEARING	S 15°-16'-36" E			
L	1.44'			
CURVE				
PC		70+01.44	1760347.44	508033.83
PI		70+10.37	1760349.79	508025.22
CC			1760356.12	508036.20
PT		70+15.50	1760358.42	508027.50
R	9.00'			
Δ	89°-32'-28" LT.			
D	636°-37'-11"			
L	14.07'			
T	8.93'			
E	3.68'			
TANGENT				
PT		70+15.50	1760358.42	508027.50
PC		70+28.10	1760370.60	508030.72
BEARING	N 75°-10'-56" E			
L	12.60'			
CURVE				
PC		70+28.10	1760370.60	508030.72
PI		70+28.74	1760371.22	508030.89
CC			1760370.86	508029.76
PT		70+29.24	1760371.63	508030.39
R	1.00'			
Δ	65°-21'-28" RT.			
D	5729°-34'-41"			
L	1.14'			
T	0.64'			
E	0.19'			
TANGENT				
PT		70+29.24	1760371.63	508030.39
POE		70+30.94	1760372.71	508029.08
BEARING	S 39°-27'-36" E			
L	1.70'			

ALIGNMENT DATA FOR SG07

		STATION	X COORD	Y COORD
TANGENT				
POB		80+00.00	1760146.05	508056.84
PC		80+20.30	1760152.86	508037.72
BEARING	S 19°-36'-32" E			
L	20.30'			
CURVE				
PC		80+20.30	1760152.86	508037.72
PI		80+30.36	1760156.24	508028.25
CC			1760103.88	508020.27
PCC		80+40.17	1760155.84	508018.20
R	52.00'			
Δ	21°-53'-44" RT.			
D	110°-11'-03"			
L	19.87'			
T	10.06'			
E	0.96'			

		STATION	X COORD	Y COORD
CURVE				
PCC		80+40.17	1760155.84	508018.20
PI		80+71.50	1760154.59	507986.89
CC			1760067.91	508021.71
PT		81+00.37	1760133.83	507963.42
R	88.00'			
Δ	39°-11'-53" RT.			
D	65°-06'-32"			
L	60.20'			
T	31.33'			
E	5.41'			
TANGENT				
PT		81+00.37	1760133.83	507963.42
POE		81+01.84	1760132.86	507962.32
BEARING	S 41°-29'-05" W			
L	1.46'			

ALIGNMENT DATA FOR SG08

		STATION	X COORD	Y COORD
CURVE				
PC		90+00.00	1760497.63	508091.48
PI		90+25.71	1760479.05	508073.72
CC			1760152.16	508452.94
PRC		90+51.36	1760458.74	508057.96
R	500.00'			
Δ	5°-53'-10" RT.			
D	11°-27'-33"			
L	51.36'			
T	25.71'			
E	0.66'			
CURVE				
PRC		90+51.36	1760458.74	508057.96
PI		90+76.38	1760438.98	508042.62
CC			1760765.32	507662.98
PT		91+01.36	1760420.85	508025.38
R	500.00'			
Δ	5°-43'-44" LT.			
D	11°-27'-33"			
L	49.99'			
T	25.02'			
E	0.63'			
TANGENT				
PT		91+01.36	1760420.85	508025.38
PC		91+59.30	1760378.85	507985.46
BEARING	S 46°-27'-10" W			
L	57.94'			

		STATION	X COORD	Y COORD
CURVE				
PC		91+59.30	1760378.85	507985.46
PI		91+75.78	1760366.90	507974.11
CC			1760406.41	507956.47
PRC		91+90.57	1760366.43	507957.63
R	40.00'			
Δ	44°-48'-03" LT.			
D	143°-14'-22"			
L	31.28'			
T	16.49'			
E	3.26'			
CURVE				
PRC		91+90.57	1760366.43	507957.63
PI		91+98.82	1760366.19	507949.38
CC			1760346.44	507958.20
PT		92+06.22	1760360.21	507943.70
R	20.00'			
Δ	44°-49'-32" RT.			
D	286°-28'-44"			
L	15.65'			
T	8.25'			
E	1.63'			
TANGENT				
PT		92+06.22	1760360.21	507943.70
POE		92+11.24	1760356.57	507940.24
BEARING	S 46°-28'-39" W			
L	5.02'			

ALIGNMENT DATA FOR MG10

		STATION	X COORD	Y COORD
CURVE				
PC		1000+00.00	1760242.91	508146.21
PI		1000+16.31	1760250.15	508131.60
CC			1760584.27	508315.43
PCC		1000+32.61	1760258.62	508117.65
R	381.00'			
Δ	4°-54'-14" LT.			
D	15°-02'-18"			
L	32.61'			
T	16.31'			
E	0.35'			
CURVE				
PCC		1000+32.61	1760258.62	508117.65
PI		1000+66.15	1760276.03	508088.99
CC			1760515.04	508273.38
PCC		1000+99.41	1760299.34	508064.88
R	300.00'			
Δ	12°-45'-26" LT.			
D	19°-05'-55"			
L	66.80'			
T	33.54'			
E	1.87'			
CURVE				
PCC		1000+99.41	1760299.34	508064.88
PI		1001+04.20	1760302.67	508061.43
CC			1760320.91	508085.73
PT		1001+08.92	1760306.92	508059.19
R	30.00'			
Δ	18°-10'-18" LT.			
D	190°-59'-09"			
L	9.51'			
T	4.80'			
E	0.38'			

ALIGNMENT DATA FOR MG16

		STATION	X COORD	Y COORD
CURVE				
PC		8000+00.00	1760420.61	508098.25
PI		8000+23.70	1760402.14	508083.40
CC			1760060.40	508546.44
PCC		8000+47.37	1760382.50	508070.12
R	575.00'			
Δ	4°-43'-14" RT.			
D	9°-57'-52"			
L	47.37'			
T	23.70'			
E	0.49'			
CURVE				
PCC		8000+47.37	1760382.50	508070.12
PI		8000+84.47	1760351.77	508049.34
CC			1760332.09	508144.68
PCC		8001+17.75	1760315.32	508056.25
R	90.00'			
Δ	44°-48'-12" RT.			
D	63°-39'-43"			
L	70.38'			
T	37.10'			
E	7.35'			
CURVE				
PCC		8001+17.75	1760315.32	508056.25
PI		8001+22.25	1760310.90	508057.09
CC			1760320.91	508085.73
PT		8001+26.69	1760306.92	508059.19
R	30.00'			
Δ	17°-03'-51" RT.			
D	190°-59'-09"			
L	8.93'			
T	4.50'			
E	0.34'			

ALIGNMENT DATA FOR MG17

		STATION	X COORD	Y COORD
TANGENT				
POB		9000+00.00	1760541.97	508191.83
PC		9001+03.62	1760467.00	508120.30
BEARING	S 46°-20'-38" W			
L	103.62'			
CURVE				
PC		9001+03.62	1760467.00	508120.30
PI		9001+60.57	1760425.80	508080.98
CC			1760060.40	508546.44
PCC		9002+17.17	1760377.82	508050.29
R	589.00'			
Δ	11°-02'-45" RT.			
D	9°-43'-39"			
L	113.55'			
T	56.95'			
E	2.75'			
CURVE				
PCC		9002+17.17	1760377.82	508050.29
PI		9002+46.63	1760353.01	508034.41
CC			1760323.93	508134.52
PT		9002+74.46	1760323.55	508034.52
R	100.00'			
Δ	32°-49'-42" RT.			
D	57°-17'-45"			
L	57.30'			
T	29.46'			
E	4.25'			

ALIGNMENT DATA FOR MG18

		STATION	X COORD	Y COORD
CURVE				
PC		10000+00.00	1760408.13	508054.64
PI		10000+47.85	1760370.67	508024.87
CC			1761030.22	507271.69
PT		10000+95.62	1760336.22	507991.67
R	1000.00'			
Δ	5°-28'-43" LT.			
D	5°-43'-46"			
L	95.62'			
T	47.85'			
E	1.14'			

ALIGNMENT DATA FOR MG19

		STATION	X COORD	Y COORD
CURVE				
PC		11000+00.00	1760493.10	508096.83
PI		11000+42.25	1760462.54	508067.65
CC			1759794.27	508828.80
PRC		11000+84.45	1760429.65	508041.12
R	1012.00'			
Δ	4°-46'-53" RT.			
D	5°-39'-42"			
L	84.45'			
T	42.25'			
E	0.88'			
CURVE				
PRC		11000+84.45	1760429.65	508041.12
PI		11001+57.08	1760373.13	507995.52
CC			1761057.51	507262.79
PT		11002+29.46	1760323.78	507942.24
R	1000.00'			
Δ	8°-18'-29" LT.			
D	5°-43'-46"			
L	145.00'			
T	72.63'			
E	2.63'			

DRAFT

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

HSIP-2269(200)

WIN 22692.00

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

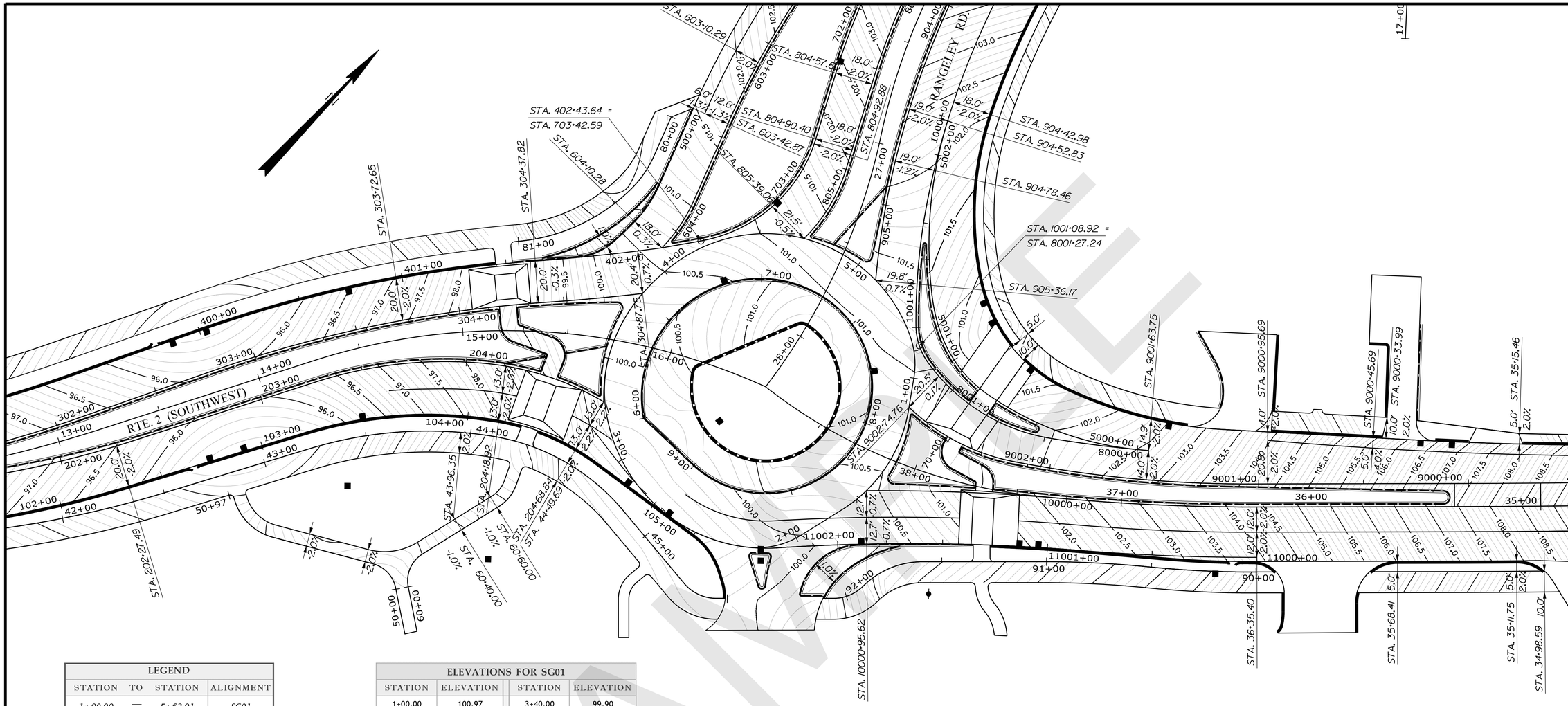
DATE

ORONO
ROUTE 2/RANGELEY ROAD

GRADING PLANS

SHEET NUMBER
38
OF 81

Filename: ...\DGN\038_Grading2A.dgn Division: HIGHWAY Username: Jonathan.French Date:12/11/2018



LEGEND			
STATION	TO	STATION	ALIGNMENT
1+00.00	—	5+62.91	SG01
6+00.00	—	9+32.90	SG02
40+00.00	—	45+51.74	SG03
50+00.00	—	50+94.29	SG04
60+00.00	—	60+82.23	SG05
70+00.00	—	70+30.94	SG06
80+00.00	—	81+01.84	SG07
90+00.00	—	92+11.24	SG08
100+00.00	—	105+09.34	MG01
200+00.00	—	204+68.84	MG02
300+00.00	—	304+87.75	MG03
400+00.00	—	402+43.64	MG04
500+00.00	—	500+94.04	MG05
600+00.00	—	604+10.29	MG06
700+00.00	—	703+42.59	MG07
800+00.00	—	805+39.06	MG08
900+00.00	—	905+36.17	MG09
1000+00.00	—	1001+08.92	MG10
5000+00.00	—	5002+16.96	MG14
8000+00.00	—	8001+27.24	MG16
9000+00.00	—	9002+74.46	MG17
10000+00.00	—	10000+95.62	MG18
11000+00.00	—	11002+29.46	MG19

ELEVATIONS FOR SG01			
STATION	ELEVATION	STATION	ELEVATION
1+00.00	100.97	3+40.00	99.90
1+10.00	100.87	3+50.00	100.00
1+20.00	100.77	3+60.00	100.10
1+30.00	100.67	3+70.00	100.20
1+40.00	100.57	3+80.00	100.30
1+50.00	100.47	3+90.00	100.40
1+60.00	100.37	4+00.00	100.50
1+70.00	100.27	4+10.00	100.60
1+80.00	100.17	4+20.00	100.70
1+90.00	100.07	4+30.00	100.80
2+00.00	99.97	4+40.00	100.90
2+10.00	99.87	4+50.00	101.00
2+20.00	99.77	4+60.00	101.10
2+30.00	99.68	4+70.00	101.18
2+40.00	99.60	4+80.00	101.24
2+50.00	99.54	4+90.00	101.28
2+60.00	99.51	5+00.00	101.30
2+70.00	99.49	5+10.00	101.30
2+80.00	99.49	5+20.00	101.28
2+90.00	99.51	5+30.00	101.24
3+00.00	99.56	5+40.00	101.18
3+10.00	99.62	5+50.00	101.10
3+20.00	99.70	5+60.00	101.00
3+30.00	99.80	5+62.91	100.97

ELEVATIONS FOR SG02			
STATION	ELEVATION	STATION	ELEVATION
6+00.00	99.79	7+80.00	100.85
6+10.00	99.87	7+90.00	100.79
6+20.00	99.96	8+00.00	100.70
6+30.00	100.05	8+10.00	100.62
6+40.00	100.13	8+20.00	100.53
6+50.00	100.22	8+30.00	100.44
6+60.00	100.29	8+40.00	100.37
6+70.00	100.36	8+50.00	100.34
6+80.00	100.44	8+60.00	100.32
6+90.00	100.55	8+70.00	100.10
7+00.00	100.68	8+80.00	99.98
7+10.00	100.81	8+90.00	99.91
7+20.00	100.90	9+00.00	99.88
7+30.00	100.96	9+10.00	99.81
7+40.00	100.97	9+20.00	99.76
7+50.00	100.95	9+30.00	99.76
7+60.00	100.94	9+32.90	99.79
7+70.00	100.91		

WIDTHS & CROSS SLOPES FOR SG01		
STATION	WIDTH	CROSS SLOPE
1+15.75	18.0'	-0.2%
1+59.57	18.0'	0.7%
2+00.00	24.0'	1.5%
2+24.00	26.0'	1.5%
2+64.45	26.0'	1.5%
2+75.00	26.0'	1.5%
3+29.13	18.0'	0.4%
3+83.66	18.0'	-0.7%
4+25.00	20.1'	-1.5%
4+91.13	22.0'	-1.5%
5+25.00	22.0'	-1.5%
5+43.11	22.0'	-0.2%

WIDTH & CROSS SLOPE FOR SG02		
STATION	WIDTH	CROSS SLOPE
7+90.65	15.0'	1.0%
8+23.03	15.0'	1.0%
8+58.96	15.0'	1.0%
8+68.04	15.0'	1.0%
8+94.82	15.0'	1.0%
9+01.82	15.0'	1.0%
6+09.44	23.7'	1.0%
6+50.00	27.6'	1.0%
6+82.11	30.7'	1.0%
7+28.96	15.4'	1.0%
7+52.62	15.0'	1.0%
7+65.27	15.0'	1.0%

NOTE: UNLESS OTHERWISE PROVIDED ON THE GRADING PLANS, ELEVATIONS OF THE SHARED USE PATH EDGE ADJACENT TO THE ESPLANADE ARE BASED ON A 2.0% ESPLANADE GRADE FROM TOP OF CURB AND THE CROSS SLOPE OF THE SHARED USE PATH IS 2.0%.

SAMPLE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

HSIP-2269(200)

WIN 022692.00

HIGHWAY PLANS

	BY	DATE
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

GRADING PLANS

SHEET NUMBER

42

OF 81

Filename: ...\DGN\042_Grading5.dgn Division: HIGHWAY Username: Jonathan.French Date:12/11/2018

ALIGNMENT DATA FOR SG01

		STATION	X COORD	Y COORD
TANGENT				
POB		1+00.00	1760315.69	508046.18
PC		1+15.75	1760324.49	508033.13
BEARING	S 33°-59'-27" E			
L	15.75'			
CURVE				
PC		1+15.75	1760324.49	508033.13
PI		1+46.87	1760341.89	508007.32
CC			1760267.28	507994.55
PT		1+74.22	1760334.07	507977.20
R	69.00'			
Δ	48°-33'-11" RT.			
D	83°-02'-15"			
L	58.47'			
T	31.12'			
E	6.69'			
TANGENT				
PT		1+74.22	1760334.07	507977.20
PC		1+97.20	1760328.29	507954.96
BEARING	S 14°-33'-44" W			
L	22.98'			
CURVE				
PC		1+97.20	1760328.29	507954.96
PI		2+11.12	1760324.79	507941.48
CC			1760289.57	507965.02
PCC		2+24.00	1760313.67	507933.09
R	40.00'			
Δ	38°-23'-30" RT.			
D	143°-14'-22"			
L	26.80'			
T	13.93'			
E	2.35'			
CURVE				
PCC		2+24.00	1760313.67	507933.09
PI		2+82.27	1760267.16	507897.99
CC			1760267.28	507994.55
PCC		3+23.76	1760220.74	507933.21
R	77.00'			
Δ	74°-13'-55" RT.			
D	74°-24'-36"			
L	99.76'			
T	58.27'			
E	19.56'			
CURVE				
PCC		3+23.76	1760220.74	507933.21
PI		3+39.08	1760208.54	507942.47
CC			1760260.03	507984.99
PCC		3+53.85	1760201.75	507956.20
R	65.00'			
Δ	26°-31'-17" RT.			
D	88°-08'-50"			
L	30.09'			
T	15.32'			
E	1.78'			

		STATION	X COORD	Y COORD
CURVE				
PCC		3+53.85	1760201.75	507956.20
PI		3+68.98	1760195.05	507969.76
CC			1760268.55	507989.20
PCC		3+83.70	1760194.17	507984.87
R	74.50'			
Δ	22°-57'-39" RT.			
D	76°-54'-26"			
L	29.86'			
T	15.13'			
E	1.52'			
CURVE				
PCC		3+83.70	1760194.17	507984.87
PI		3+93.84	1760193.58	507994.99
CC			1760294.00	507990.68
PCC		4+03.90	1760195.04	508005.02
R	100.00'			
Δ	11°-34'-22" RT.			
D	57°-17'-45"			
L	20.20'			
T	10.13'			
E	0.51'			
CURVE				
PCC		4+03.90	1760195.04	508005.02
PI		5+06.75	1760209.78	508106.80
CC			1760267.28	507994.55
PCC		5+43.11	1760301.00	508059.30
R	73.00'			
Δ	109°-15'-54" RT.			
D	78°-29'-15"			
L	139.21'			
T	102.84'			
E	53.12'			
CURVE				
PCC		5+43.11	1760301.00	508059.30
PI		5+53.22	1760309.96	508054.63
CC			1760282.52	508023.82
PT		5+62.91	1760315.63	508046.27
R	40.00'			
Δ	28°-21'-37" RT.			
D	143°-14'-22"			
L	19.80'			
T	10.11'			
E	1.26'			

ALIGNMENT DATA FOR SG02

		STATION	X COORD	Y COORD
CURVE				
PC		6+00.00	1760235.39	507943.45
PI		7+23.33	1760135.53	508015.82
CC			1760268.55	507989.20
PCC		7+28.96	1760255.55	508044.19
R	56.50'			
Δ	130°-46'-19" RT.			
D	101°-24'-30"			
L	128.96'			
T	123.33'			
E	79.15'			
CURVE				
PCC		7+28.96	1760255.55	508044.19
PI		7+81.80	1760306.98	508056.34
CC			1760267.28	507994.55
PCC		8+10.88	1760317.30	508004.51
R	51.00'			
Δ	92°-02'-23" RT.			
D	112°-20'-41"			
L	81.93'			
T	52.85'			
E	22.44'			
CURVE				
PCC		8+10.88	1760317.30	508004.51
PI		8+72.83	1760329.39	507943.75
CC			1760267.28	507994.55
PT		9+00.85	1760267.44	507943.55
R	51.00'			
Δ	101°-04'-29" RT.			
D	112°-20'-41"			
L	89.97'			
T	61.95'			
E	29.24'			
TANGENT				
PT		9+00.85	1760267.44	507943.55
POE		9+32.90	1760235.39	507943.45
BEARING	S 89°-49'-07" W			
L	32.05'			

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

GRADING PLANS

SHEET NUMBER
43
OF 81

Filename: ...\DGN\043_Grading5A.dgn Division: HIGHWAY Username: Jonathon.French Date:12/11/2018