

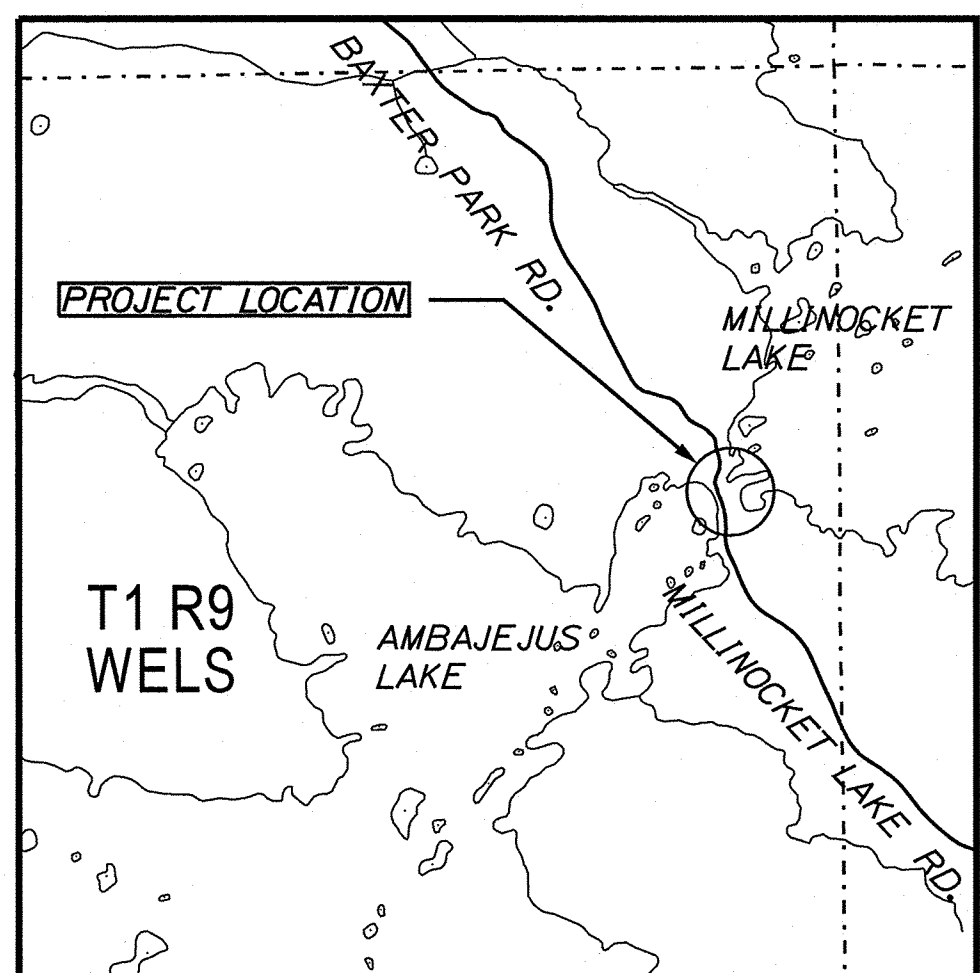
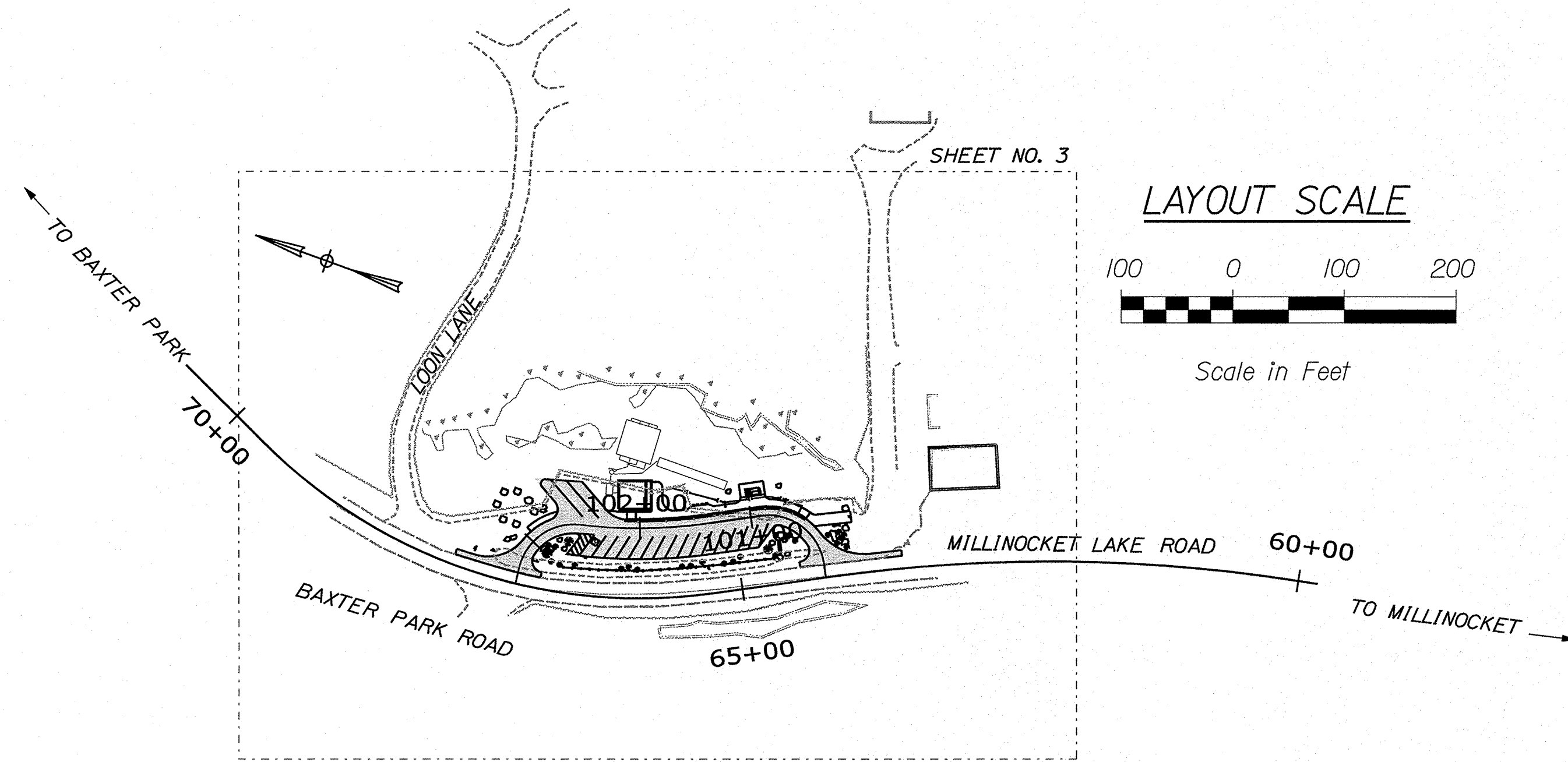
# STATE OF MAINE DEPARTMENT OF TRANSPORTATION



## T1R9 WELS PISCATAQUIS COUNTY KATAHDIN WOODS & WATERS SCENIC BYWAY SB-1837(801) PROJECT LENGTH : 0.00 MILES

Description	Sheet No.
Title Sheet .....	1
General Notes / Misc. Details .....	2
Plan .....	3
Profile .....	4
Geometry Plan .....	5
Cross Sections .....	6-10

PLAN LEGEND	
Town, County, State	-----
Property Lines	-----
R/W Lines-Existing	-----
R/W Lines-Proposed	-----
Culvert-Existing	-----
Culvert Proposed	-----
Curbing	Existing      Proposed
Type 1	-----
Type 3	-----
Type 5	-----
Outline of Bodies of Water	-----
Exposed Bedrock	-----
Buildings	-----
Trees	Conifer      Deciduous
Tree Line	-----
Clearing Limit Line	-----
Railroad	-----
Catch Basins	Existing      Proposed
Manholes	Existing      Proposed
Proposed Underdrain	-----
Proposed Ditch	-----
Existing Ditch	-----
Utility Poles	Existing      Proposed
Fire Hydrants	Existing      Proposed
Existing Water Line	-----
Existing San. Sewer	-----
Existing San. Sewer Manhole	-----
Guardrail-Existing	-----
Guardrail-Proposed	-----
Guardrail-Cable, Other	-----
Centerline-Existing	-----
Centerline-Proposed	-----
Travelway-Existing	-----
Travelway-Proposed	-----
Boring	HB-XXX-###
Pavement Core	PC-#
Test Pit	TP-XXX-###
Probe	P-#. #X
	#. # = Depth
	X = W (Weathered Rock)
	R (Refusal)
	NR (No Refusal)



<b>PROJECT LOCATION:</b>	BAXTER PARK ROAD APPROXIMATELY 9 MILES NORTHWEST OF MILLINOCKET BETWEEN MILLINOCKET LAKE AND AMBEJEJUS LAKE.
<b>PROGRAM AREA:</b>	MULTIMODAL
<b>SCOPE OF WORK:</b>	SCENIC BYWAY VISITOR INFORMATION FACILITIES

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE
COMMISSIONER:	[Signature]	12/13/18
CHIEF ENGINEER:	[Signature]	12-9-18

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	SIGNATURE	DATE
JAMES L. EASON No. 7960	11/20/18	
TERRA MAGNA SERVICES, INC.	P.E. NUMBER	DATE

PROJECT INFORMATION	MULTIMODAL
PROJECT MANAGER	MATE BENOIT
DESIGNER	A. GODFREY/J. EASON
CONSULTANT	TERRA MAGNA SERVICES, INC.
PROJECT RESIDENT	[Blank]
CONTRACTOR	[Blank]
PROJECT COMPLETION DATE	[Blank]

T1R9 WELS KATAHDIN WOODS & WATERS SCENIC BYWAY	TITLE SHEET
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SHEET NUMBER	1
OF 10	

Date: 11/20/2018

Username: common

Division: HIGHWAY

Filename: ... \001\_Title\_01.dgn

WIN 18378.01 SB-1837(801)



Date: 11/20/2018

Username: common

Division: HIGHWAY

Filename: ... \003\_Plan.dgn

ITEM 609.11 CURB TYPE 1	
LOCATION	LENGTH
STA. 100+60.2, 7.5' RT. TO STA. 100+91.0, 7.5' RT.	107.6 LF

ITEM 609.12 - CURB TYPE 1 - CIRCULAR		
LOCATION	LENGTH	REMARK
STA. 100+91.0, 7.5' RT. TO STA. 102+03.7, 7.5' RT.	35.5 LF	R= 57.5'

ITEM 609.238i TERMINAL CURB TYPE 1 - 8' CIRCULAR	
LOCATION	REMARK
STA. 100+53.2, 7.5' RT. TO STA. 100+60.2, 7.5' RT.	R= 57.5'

ITEM 609.238 TERMINAL CURB TYPE 1 - 8'	
LOCATION	
STA. 102+03.7, 7.5' RT. TO STA. 102+11.8, 7.5' RT.	

ITEM 606.6ii TIMBER RAIL	
LOCATION	LENGTH
STA. 64+64.1, 21.3' RT. TO STA. 66+65.8, 22.6' RT.	192 LF

PLAIN RIPRAP - ITEM 610.08	
LOCATION	
STA. 101+10 RT.	

ITEM 606.47 - SINGLE WOOD POST	
LOCATION	
STA. 100+35.5, 37.5' RT.	

DEMOUNT AND RELOCATE SIGN		
STATION	OFFSET	DESCR.
65+27	23.5' RT.	WI-5R (CURVES AHD)
67+37.5	21.5' RT.	BOAT LAUNCH

ITEM 605.09 6' TYPE 'B' UD	
LOCATION	LENGTH
STA. 100+53.2 RT. TO STA. 100+99.0 RT.	50 LF
STA. 101+12.0 RT. TO STA. 102+14.0 RT.	102 LF

ITEM 603.159 - 12" CULVERT PIPE - OPT III	
LOCATION	LENGTH
STA. 101+01.0 RT. TO STA. 101+08 RT.	7 LF
STA. 101+10.0 RT. TO STA. 101+10.0 RT.	48 LF

ITEM 604.072 - CATCH BASIN, TYPE AI-C	
LOCATION	
STA. 101+10.00, 6.38' RT.	

ITEM 604.247 - CATCH BASIN, TYPE F5-C	
LOCATION	
STA. 101+00.00, 6.38' RT.	

ITEM 634.209 - WOOD ORNAMENTAL LIGHT STANDARD	
LOCATION	
STA. 100+72.0, 16.5' RT.	
STA. 101+21.5, 16.5' RT.	

ITEM 634.25 - SERVICE POLE COMPLETE WITH CABINET AND CONTROLS	
LOCATION	
STA. 101+69.0, 33.5' RT.	

NOTE - BUILDING AND WASTE DISPOSAL SYSTEM (BY OTHERS)  
BUILDING SHALL BE LOCATED WITHIN THE FOOTPRINT SHOWN.

MILLINOCKET LAKE ROAD  
CURVE DATA

PI = 67+63.81  
D = 11° - 59' - 59.5"  
Δ = 53° - 03' - 05.1" Rt.  
R = 477.47'  
L = 442.10'  
T = 238.33'  
E = 56.17'

SITE  
CURVE DATA

PI = 101+96.31  
D = 12° - 43' - 56.7"  
Δ = 14° - 42' - 58.4" Rt.  
R = 500.00'  
L = 115.58'  
T = 58.11'  
E = 3.74'

SITE  
CURVE DATA

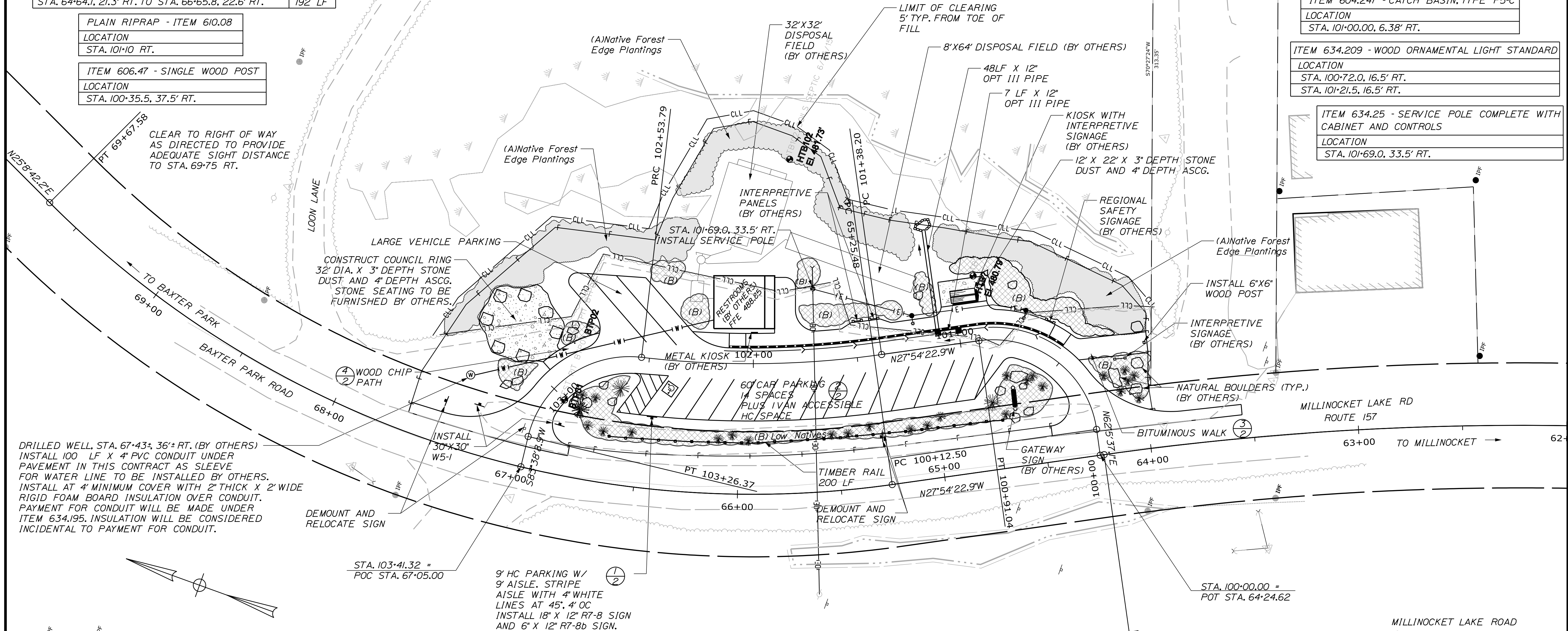
PI = 102+98.16  
D = 114° - 35' - 29"  
Δ = 83° - 10' - 26.6" Lt.  
R = 50.00'  
L = 72.58'  
T = 44.37'  
E = 16.85'

SITE  
CURVE DATA

PI = 100+62.50  
D = 114° - 35' - 29"  
Δ = 90° - 00' - 00.0" Lt.  
R = 50.00'  
L = 78.54'  
T = 50.00'  
E = 20.71'

MILLINOCKET LAKE ROAD  
CURVE DATA

PI = 67+63.81  
D = 11° - 59' - 59.5"  
Δ = 53° - 03' - 05.1" Rt.  
R = 477.47'  
L = 442.10'  
T = 238.33'  
E = 56.17'



NOTE - LANDSCAPING  
LANDSCAPE PLANTINGS ARE SHOWN IN CONCEPTUAL LOCATIONS. ACTUAL LOCATIONS WILL BE AS DIRECTED IN THE FIELD BY THE MAINE DOT LANDSCAPE ARCHITECT.

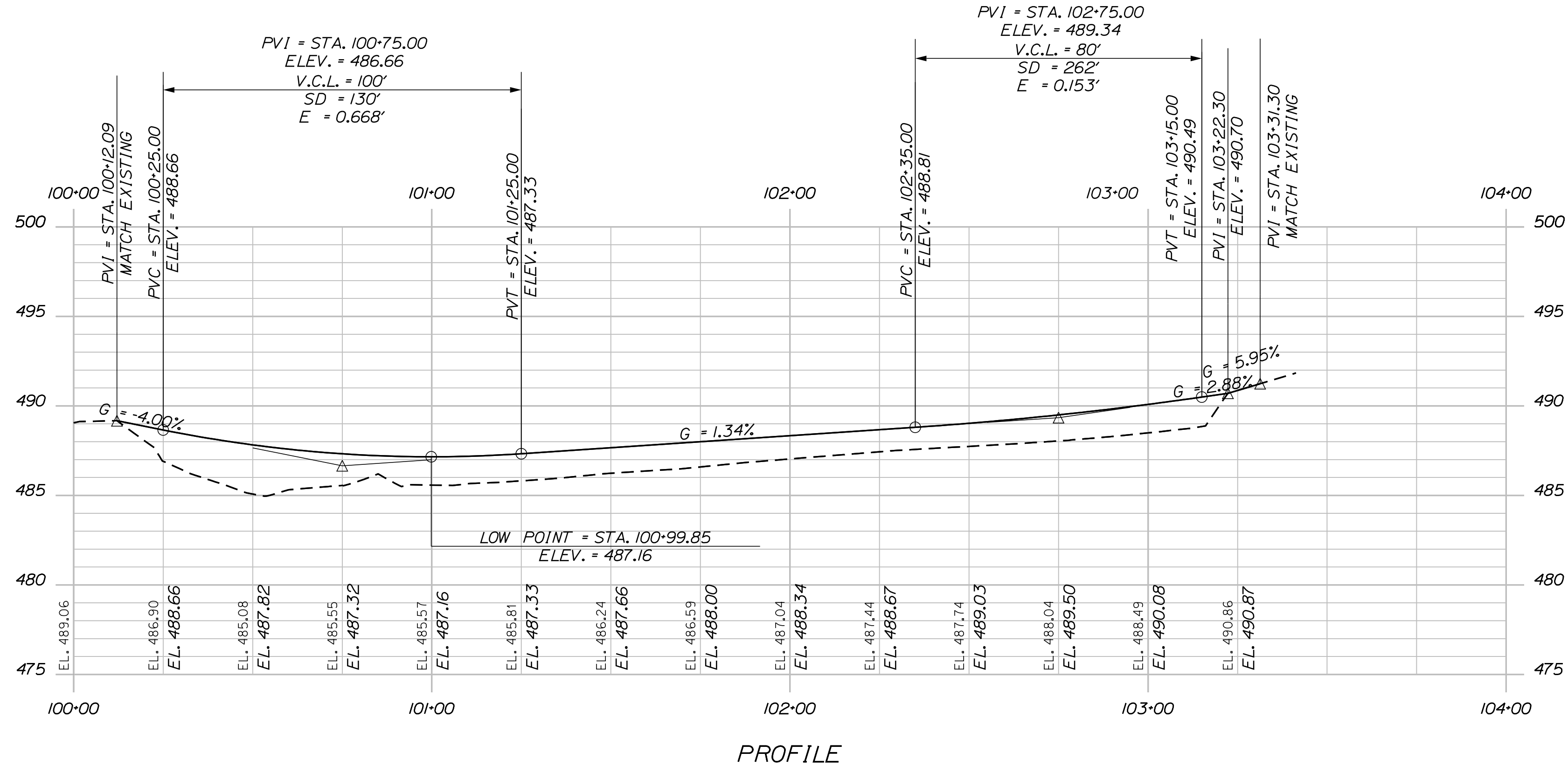
STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
SB-1837(801)  
WIN 18378.01  
HIGHWAY PLANS

KATAHDIN W&W SCENIC BYWAY  
T1R9 WELS  
PLAN

PROJ. MANAGER	DATE	BY	DATE
DESIGN-DETAILED	8-2018	JLE	9-2018
CHECKED-REVIEWED			
DESIGN-DETAILED			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE: 7960  
P.E. NUMBER: 11/20/18  
DATE

SHEET NUMBER  
**3**  
OF 10



SHEET NUMBER

4

OF 10

**KATAHDIN W&W SCENIC BYWAY**  
**T1R9 WELS**  
**PROFILE**

PROJ. MANAGER	DATE	BY	DATE
DESIGN-DETAILED	8-2018	JLE	8-2018
CHECKED-REVIEWED	9-2018		9-2018
DESIGN-DETAILED			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE  
 7960  
 P.E. NUMBER  
 11/20/18  
 DATE

STATE OF MAINE  
 DEPARTMENT OF TRANSPORTATION  
**SB-1837(801)**  
 WIN  
 18378.01  
 HIGHWAY PLANS

Horizontal Alignment Name: Site (Parking Lot)

STATION	NORTHING	EASTING
POB (200) 100+00.00	813038.02704	1713618.02163
PC (201) 100+12.50	813043.87738	1713629.06803
Tangent Direction: N 62°05'37.1" E		
Tangent Length: 12.50		
PC (201) 100+12.50	813043.87738	1713629.06803
PI ( ) 100+62.50	813067.27874	1713673.25362
CC (202)	813088.06298	1713605.66667
PT (203) 100+91.04	813111.46433	1713649.85227
Radius: 50.00		
Delta: 90°00'00.0" Left		
Length: 78.54		
Tangent: 50.00		
External: 20.7106		
PC (204) 101+38.20	813153.14457	1713627.77778
Tangent Direction: N 27°54'22.9" W		
Tangent Length: 47.16		
PI ( ) 101+96.31	813204.49729	1713600.58061
CC (205)	813363.75678	1714025.44811
PRC (206) 102+53.79	813261.07436	1713587.32083
Radius: 450.00		
Delta: 14°42'58.4" Right		
Length: 115.58		
Tangent: 58.11		
External: 3.74		
PI ( ) 102+98.16	813304.27545	1713577.19599
CC (207)	813249.66528	1713538.64007
PT (208) 103+26.37	813299.35699	1713533.09775
Radius: 50.00		
Delta: 83°10'26.6" Left		
Length: 72.58		
Tangent: 44.37		
External: 16.85		
POE (209) 103+41.32	813297.69942	1713518.23638
Tangent Direction: S 83°38'08.9" W		
Tangent Length: 14.95		

MILLINOCKET LAKE ROAD  
CURVE DATA

PI = 67+63.81  
D = 11° - 59' - 59.5"  
Δ = 53° - 03' - 05.1" Rt.  
R = 477.47'  
L = 442.10'  
T = 238.33'  
E = 56.17'

SITE  
CURVE DATA

PI = 101+96.31  
D = 12° - 43' - 56.7"  
Δ = 14° - 42' - 58.4" Rt.  
R = 500.00'  
L = 115.58'  
T = 58.11'  
E = 3.74'

CONTROL POINTS

Point	Station	Offset	NORTHING	EASTING
1000	100+38.29	57.50	813030.23590	1713696.28798
1001	100+44.35	7.50	813063.22501	1713657.52519
1002	100+32.20	36.16	813033.24508	1713672.13290
1003	100+37.23	40.76	813037.62528	1713681.12253
1004	100+51.74	19.50	813067.59191	1713672.08325
1005	100+82.81	19.50	813110.08626	1713671.58483
1006	100+87.08	30.75	813120.09288	1713679.79585
1007	101+06.65	30.50	813139.53458	1713669.49923
1008	101+11.65	19.50	813138.80484	1713657.43824
1009	101+31.62	14.50	813154.10892	1713643.67503
1010	101+36.55	17.00	813159.64255	1713643.57687
1011	101+51.04	17.00	813172.09364	1713637.17822
1012	101+56.20	14.50	813175.48022	1713632.75045
1013	101+67.94	24.50	813189.87264	1713637.10054
1014	101+83.32	36.06	813207.61207	1713642.09251
1015	102+11.82	32.50	813231.05578	1713629.59961
1016	102+55.17	38.22	813272.17274	1713623.93754
1017	102+73.81	39.80	813302.61426	1713611.16444
1018	102+77.71	18.00	813293.91995	1713590.26846
1019	102+95.43	13.00	813304.71765	1713569.27030
1020	103+04.37	48.00	813342.41464	1713570.28660
1021	103+09.72	-18.00	813280.88028	1713545.68389
1022	102+56.72	-11.00	813260.77903	1713576.02283
1023	102+72.04	-25.83	813263.21942	1713558.65305
1024	100+97.00	-27.50	813103.86179	1713622.76003
1025	100+72.55	-12.53	813092.44500	1713642.87522
1026	100+36.13	-17.78	813069.57046	1713632.05673
1027	100+53.22	7.50	813072.76143	1713661.09314
1028	100+60.18	7.50	813080.59597	1713662.67960
1029	100+91.04	7.50	813114.97456	1713656.48005
1030	101+08.00	7.50	813129.96262	1713648.54215
1031	101+12.00	7.50	813133.49748	1713646.67003
1032	101+38.20	7.50	813156.65476	1713634.40559
1033	102+03.69	7.50	813215.54787	1713608.50732
1034	102+11.82	7.50	813223.10975	1713605.89606

Horizontal Alignment Name: 1000

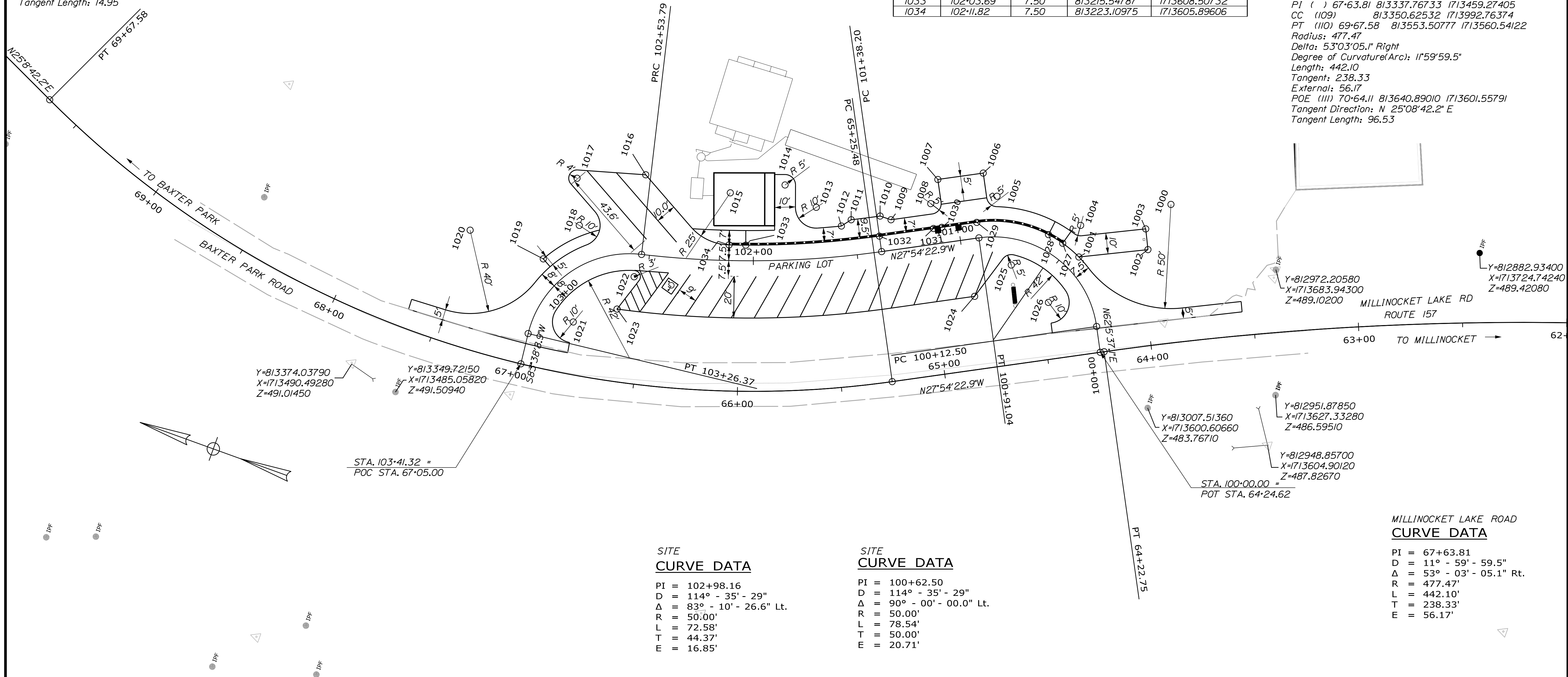
STATION	NORTHING	EASTING
PC (100) 50+00.00	811644.61149	1713835.56001
PI ( ) 51+17.64	811759.03571	1713808.24316
CC (101)	811866.35353	1714764.38818
PT (102) 52+34.10	811876.66859	1713809.51389
Radius: 954.9300		
Delta: 14°02'45.6" Right		
Degree of Curvature(Arc): 6°00'00.0"		
Length: 234.1000		
Tangent: 117.6398		
External: 7.2189		
PC (103) 54+19.65	812062.20777	1713811.51819
Tangent Direction: N 0°37'08.1" E		
Tangent Length: 185.55		
PI ( ) 57+10.62	812353.16019	1713814.66121
CC (104)	812093.15296	1710946.89533
PCC (105) 59+99.60	812638.80294	1713759.24094
Radius: 2864.79		
Delta: 11°35'56.4" Left		
Degree of Curvature(Arc): 2°00'00.0"		
Length: 579.95		
Tangent: 290.9694		
External: 14.74		
PI ( ) 62+12.73	812848.02859	1713718.64708
CC (106)	812365.98271	1712353.09267
PT (107) 64+22.75	813036.37206	1713618.89753
Radius: 1432.37		
Delta: 16°55'34.6" Left		
Degree of Curvature(Arc): 4°00'00.2"		
Length: 423.15		
Tangent: 213.13		
External: 15.77		
PC (108) 65+25.48	813127.15596	1713570.81701
Tangent Direction: N 27°54'22.9" W		
Tangent Length: 102.73		
PI ( ) 67+63.81	813337.76733	1713459.27405
CC (109)	813350.62532	1713992.76374
PT (110) 69+67.58	813553.50777	1713560.54122
Radius: 477.47		
Delta: 53°03'05.1" Right		
Degree of Curvature(Arc): 11°59'59.5"		
Length: 442.10		
Tangent: 238.33		
External: 56.17		
POE (111) 70+64.11	813640.89010	1713601.55791
Tangent Direction: N 25°08'42.2" E		
Tangent Length: 96.53		

Date: 11/20/2018

Username: common

Division: HIGHWAY

Filename: ... \005\_Geometry\_Plan\_01.dgn



SITE  
CURVE DATA

PI = 102+98.16  
D = 114° - 35' - 29"  
Δ = 83° - 10' - 26.6" Lt.  
R = 50.00'  
L = 72.58'  
T = 44.37'  
E = 16.85'

SITE  
CURVE DATA

PI = 100+62.50  
D = 114° - 35' - 29"  
Δ = 90° - 00' - 00.0" Lt.  
R = 50.00'  
L = 78.54'  
T = 50.00'  
E = 20.71'

MILLINOCKET LAKE ROAD  
CURVE DATA

PI = 67+63.81  
D = 11° - 59' - 59.5"  
Δ = 53° - 03' - 05.1" Rt.  
R = 477.47'  
L = 442.10'  
T = 238.33'  
E = 56.17'

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
SB-1837(801)  
WIN  
18378.01  
HIGHWAY PLANS

PROJ. MANAGER	DATE	BY	DATE	REVISIONS	FIELD CHANGES
DESIGN-DETAILED	8-2018	JLE	9-2018	7960	
CHECKED-REVIEWED					
DESIGN-DETAILED					
DESIGN-DETAILED					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					

KATAHDIN W&W SCENIC BYWAY  
T1R9 WELS  
GEOMETRY PLAN

SHEET NUMBER

5

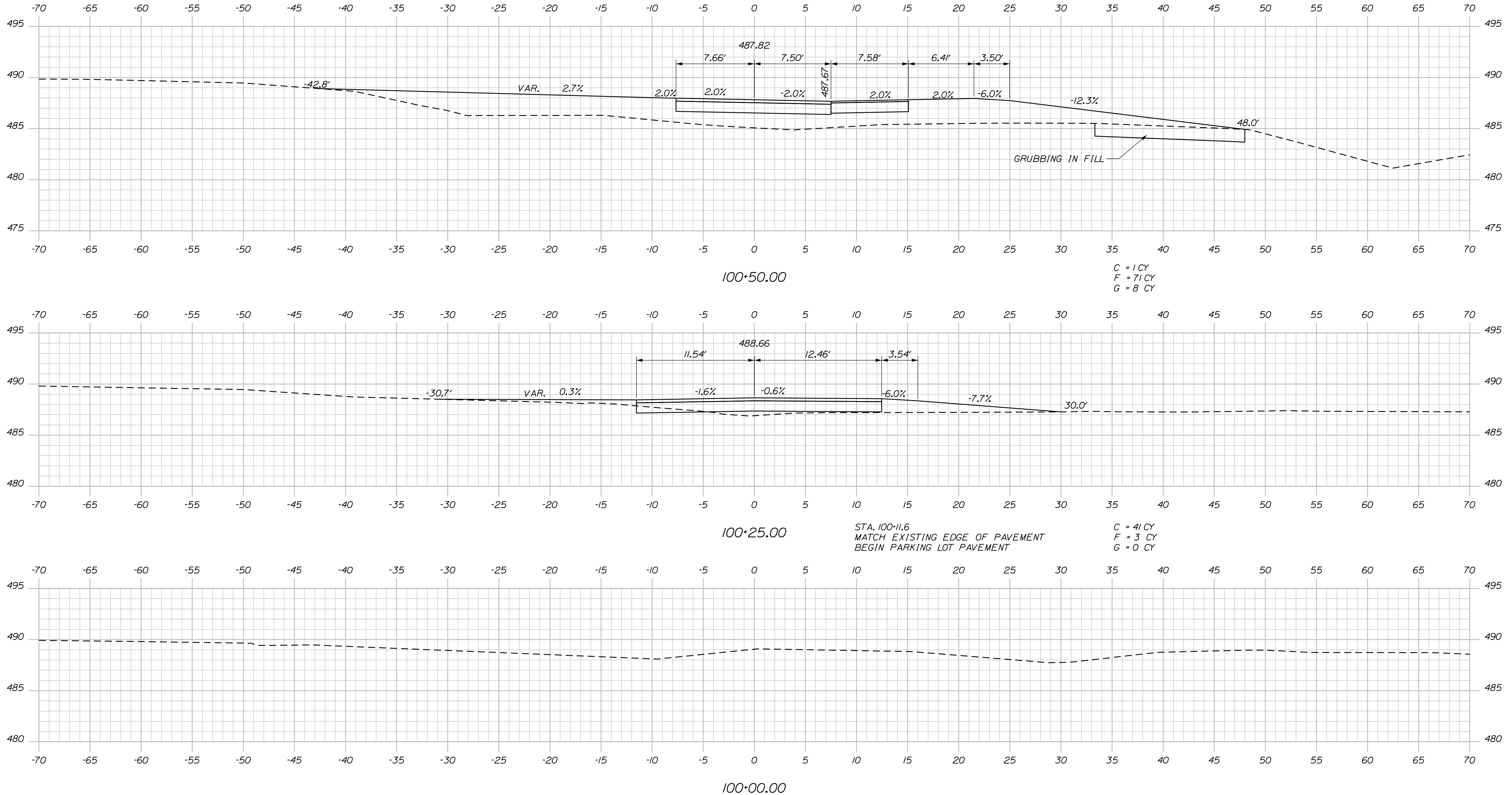
OF 10

Date: 11/20/2018

Username: common

Division: HIGHWAY

Filename: ... \006\_XSECT\_100+00\_001.dgn



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
SB-1837(801)  
WIN  
18378.01  
HIGHWAY PLANS

PROJ. MANAGER: \_\_\_\_\_  
DATE: 8-18  
BY: JLE  
DATE: 9-18  
SIGNATURE: \_\_\_\_\_  
P.E. NUMBER: 7960  
DATE: 11/20/18

PROJ. MANAGER	DATE	BY
DESIGN DETAILED	8-18	JLE
CHECKED/REVIEWED	9-18	JLE
DESIGN DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

KATAHDIN W&W SCENIC BYWAY  
T1R9 WELS  
CROSS SECTIONS

SHEET NUMBER  
**6**  
OF 10



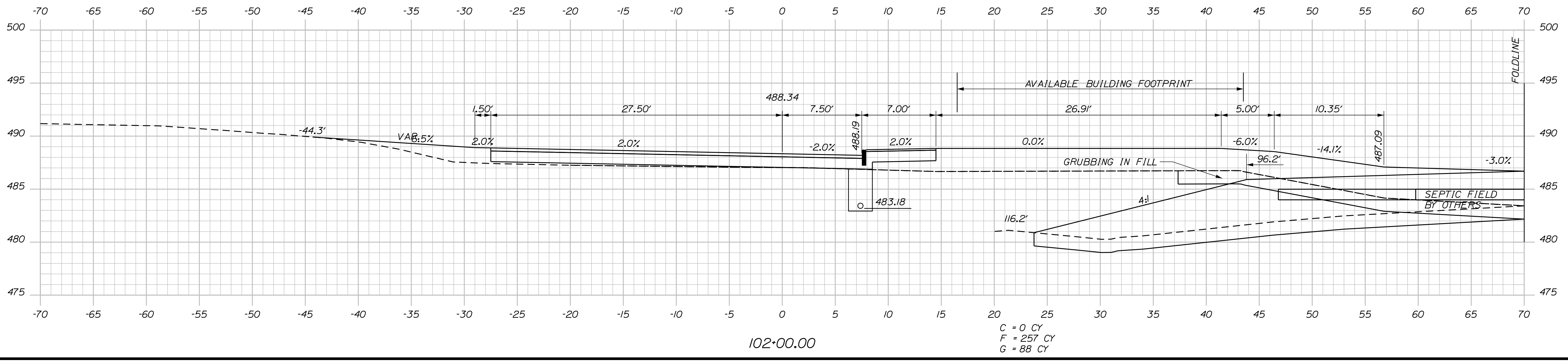
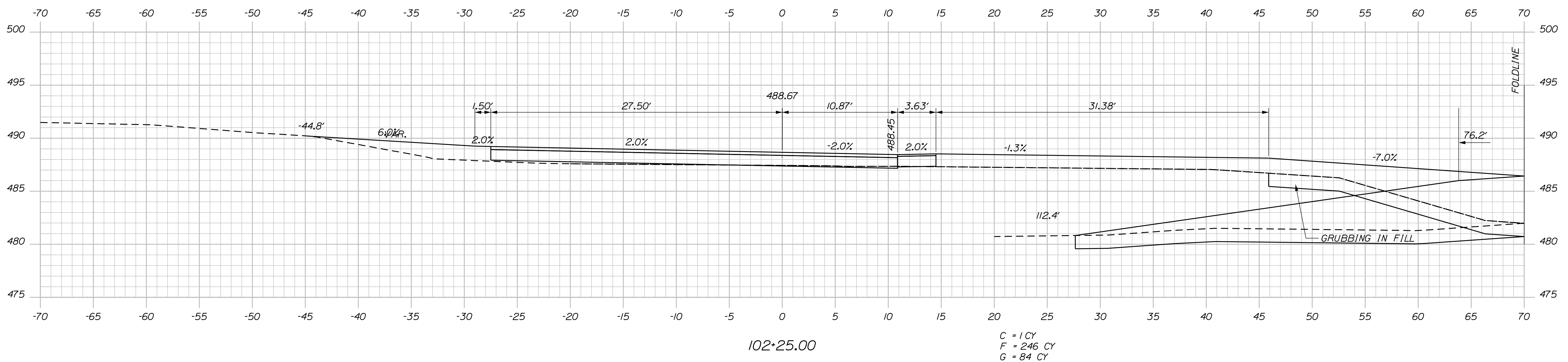
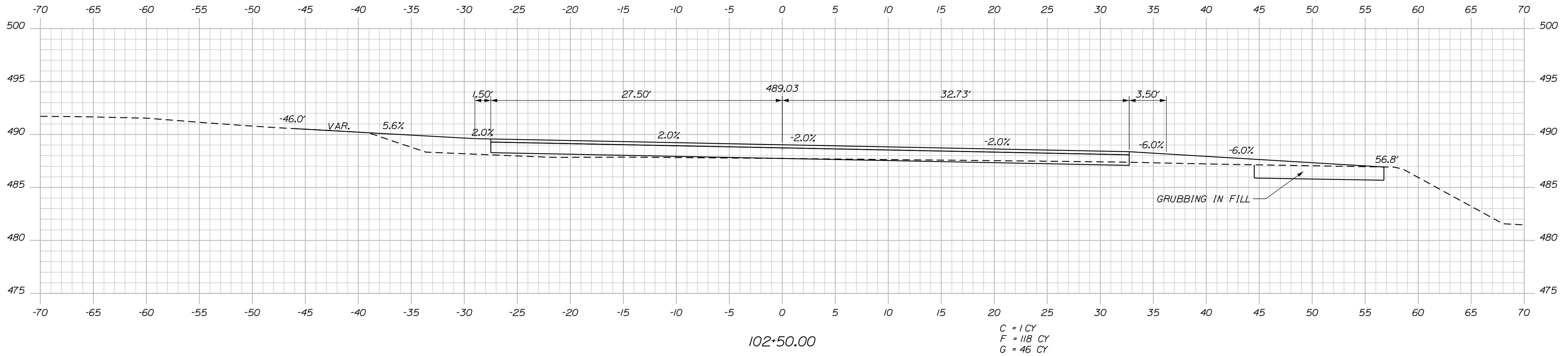


Date: 11/20/2018

Username: common

Division: HIGHWAY

Filename: ... \009\_XSECT\_102+00\_004.dgn



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
SB-1837(801)  
WIN  
18378.01  
HIGHWAY PLANS

PROJ. MANAGER	DATE	BY	DATE
DESIGN DETAILED	8/18	JLE	9/18
CHECKED-REVIEWED			
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

KATAHDIN W&W SCENIC BYWAY  
T1R9 WELS  
CROSS SECTIONS

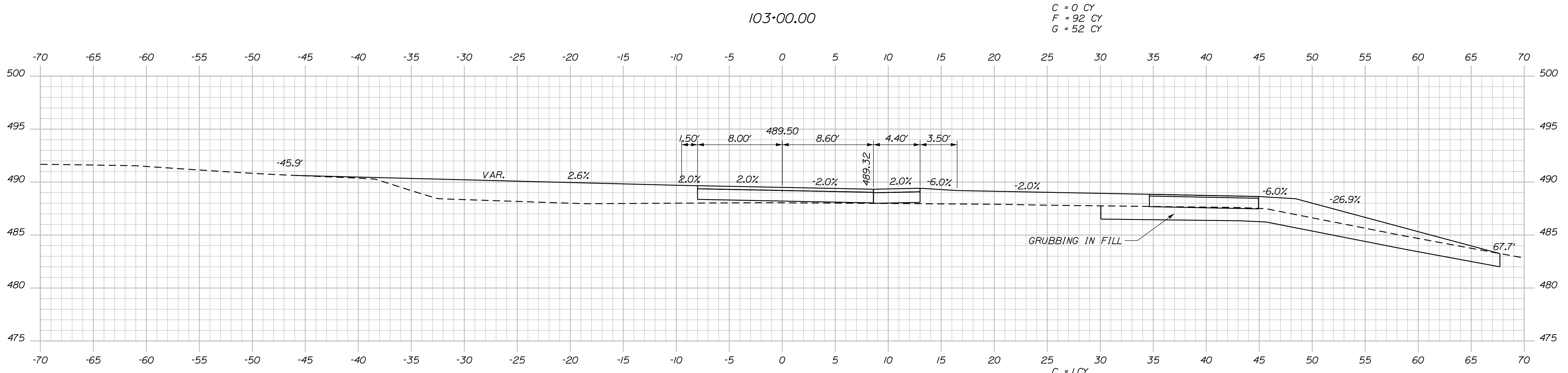
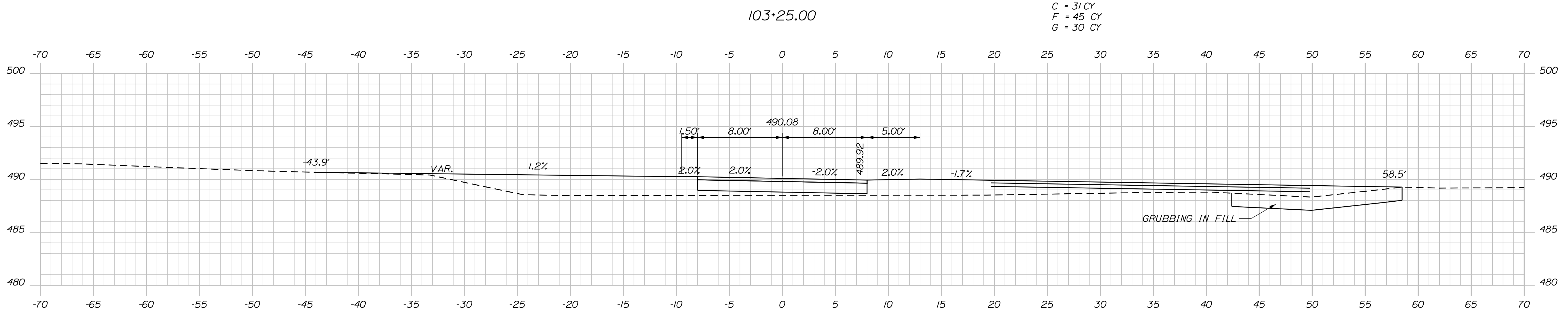
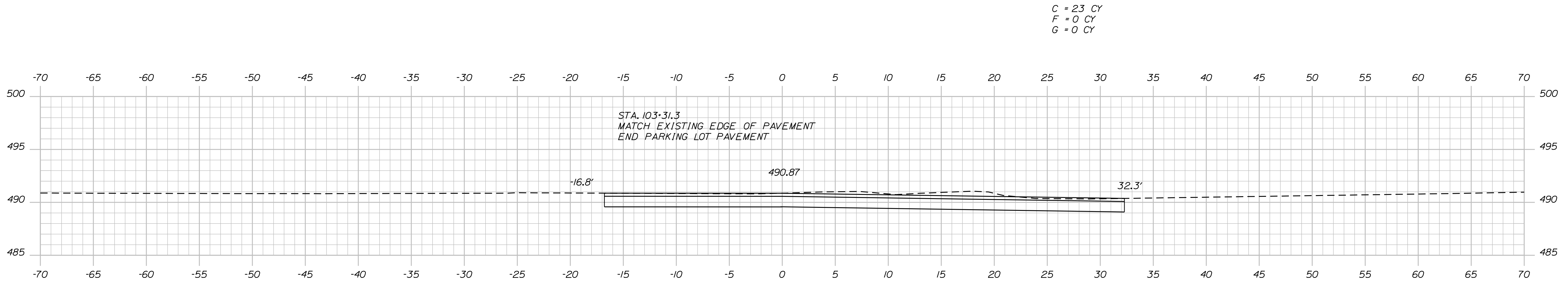
SHEET NUMBER  
**9**  
OF 10

Date: 11/20/2018

Username: common

Division: HIGHWAY

Filename: ... \010\_XSECT\_102+75\_005.dgn



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
SB-1837(801)  
WIN  
18378.01  
HIGHWAY PLANS

PROJ. MANAGER	DATE
DESIGN DETAILED	8/18
CHECKED/REVIEWED	9/18
DESIGN DETAILED	
DESIGN DETAILED	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

BY	SIGNATURE
JLE	7960
	P.E. NUMBER
	11/20/18
	DATE

KATAHDIN W&W SCENIC BYWAY  
T1R9 WELS  
CROSS SECTIONS

SHEET NUMBER  
**10**  
OF 10