



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0016

Janet T. Mills
GOVERNOR

Bruce A. Van Note
COMMISSIONER

April 23, 2024
Subject: Highway Rehabilitation
WIN: 027480.00
Location: Allagash & Saint Francis
Amendment No. 1

Dear Sir/Ms.:

Remove pages forty-four through forty-three titled Project Stationing document and **Replace** with the attached updated Project Stationing document.

Remove pages forty-nine through fifty-seven and **Replace** with the attached Construction Notes.

Add attached Allagash-Saint Francis Cross Section.

Add attached Allagash-Saint Francis Cross Section Sheets One and Two.

Question: Can the Station and Footage for each of the Option III Pipes be provided?

Response: Yes, through amendment please see the updated construction notes and addition of cross section sheets.

Please consider these changes and information prior to submitting your bid on **May 8, 2024**.

Sincerely,

George M. A. Macdougall P.E.
Contracts & Specifications Engineer

St. Francis - Allagash

27480.00

Route 161

March 12, 2024

<u>Project Stationing</u>		
<u>Left</u>	<u>Station</u>	<u>Right</u>
Pole 291030	216+14	
Pole 291031	208+60	
Pole 291036	201+65	
	198+35	Pole 289732
Pole 289602	191+14	Pole 289984
Pole 289980	184+62	
Pole 289979	177+80	
Pole 289987	170+24	
Pole 289992	163+51	Pole 245 S
Pole 248	155+92	
Pole 251	147+33	
	137+19	Pole 255
	129+78	Pole 258
	125+55	Pole 43873
	116+89	Pole 43876
	108+59	Pole 43879
	100+30	Pole 43882
Pole 53886	90+11	
Pole 53895	81+56	
Pole 43902	74+37	
Pole 43910	66+98	
	59+74	Pole 286
	53+79	Carney Road
	53+14	Pole 182235
Pole 43930	46+11	
Pole 43934	37+00	Pole 43935
Pole 43938	29+62	Pole 43939
Pole 43944	21+22	Pole 78771
Pole 43957	15+22	
Begin Project	10+00	Begin Project

St. Francis - Allagash

27480.00

Route 161

March 12, 2024

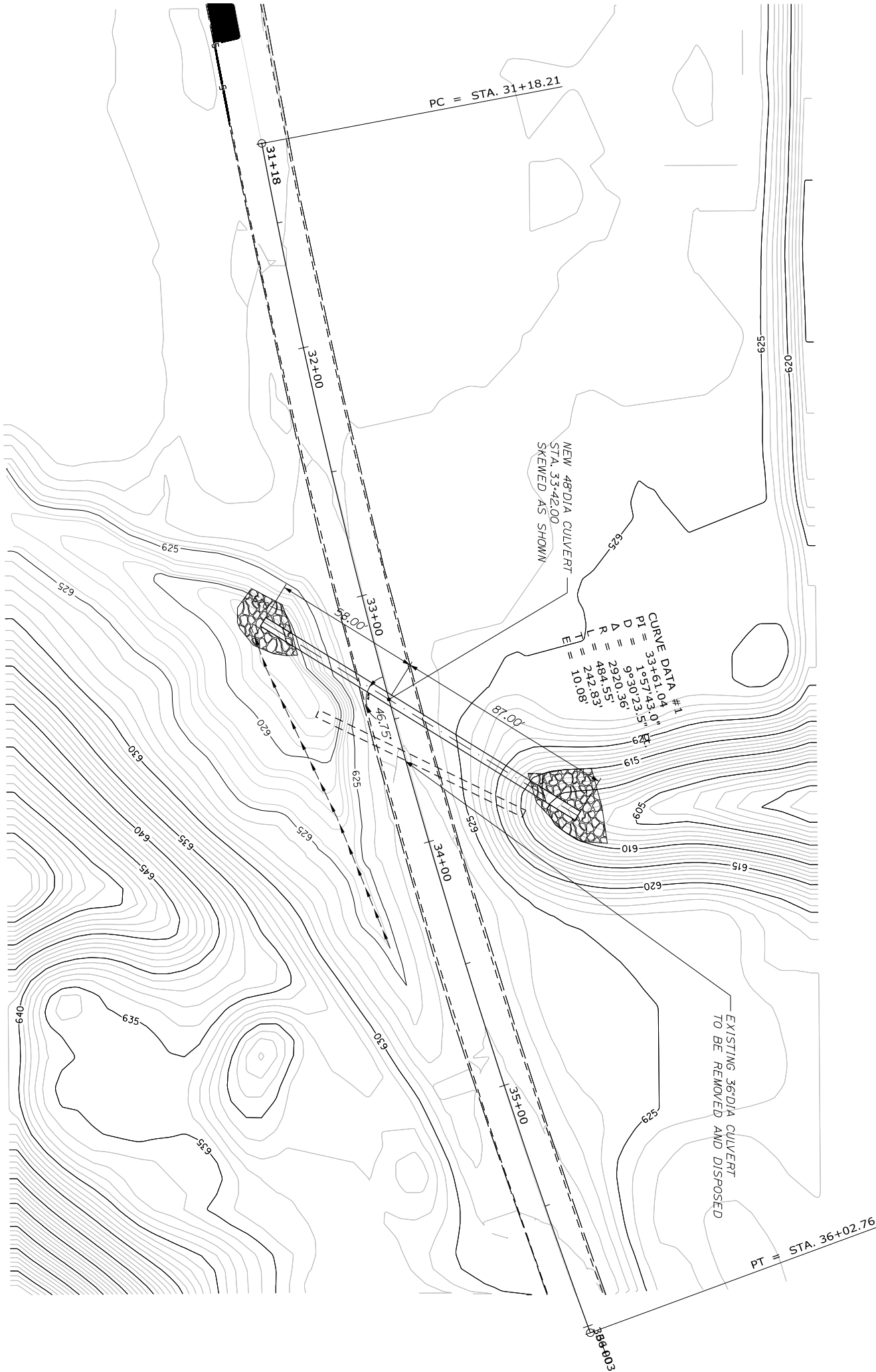
Project Stationing

<u>Left</u>	<u>Station</u>	<u>Right</u>
	420+23	Pole 112
	413+57	Pole 115
	400+81	Pole 138
	395+29	Pole 140
	386+97	Pole 283458
	380+67	Walker Mountain Road
Pole 148	376+38	
	365+67	Pole 158.5
	358+11	Pole 161
	349+15	Pole 164
	342+13	Pole 167
	335+76	Pole 170
	326+72	Pole 173
	317+62	Pole 177
Pole 74974	311+11	Pole 180
	308+55	St. Francis Road
Pole 183	303+28	
	295+49	Pole 186
	287+37	Pole 489
Allagash - St. Francis Town Line	281+39	Allagash - St. Francis Town Line
Pole 198	281+25	
	273+37	Pole 43790
	264+44	Pole 43794
	257+33	Pole 43798
	250+53	Pole 43802
	241+64	Pole 43808
	237+25	Pole 289604
	231+82	Pole 289601
Pole 289993	226+93	
Pole 43823	222+67	

<u>Project Stationing</u>		
<u>Left</u>	<u>Station</u>	<u>Right</u>
Pole 209581	599+08	
	592+99	Pole 43560
Pole 73324	588+94	
	587+25	Kits Road
	583+71	Pole 43573
	580+32	Pole 30 B
	572+90	Pole 209587
Pole 209588	568+16	
	563+03	Pole 209589
Pole 43614	550+03	
Pole 53	543+36	
Pole 43625	538+26	Pole 56
	531+85	Pole 60
Pole 43631	526+52	
Pole 43639	522+19	
	517+03	Pole 71
	512+26	Pole 43648
Pole 43653	507+63	
	502+55	Rankin Rapids Road
Pole 70572	501+02	
Pole 85 S	491+21	
	482+49	Pole 86
	474+08	Pole 89
	468+77	Pole 91
	461+96	Pole 94
Pole 70522	453+53	
	446+46	Pole 99
	438+59	Balsam Ridge Road
	432+53	Pole 106
	426+60	Pole 109

<u>Project Stationing</u>		
<u>Left</u>	<u>Station</u>	<u>Right</u>
	768+77	Pole 283141
	763+00	Pole 283142
Pole 283107	756+51	
	749+28	Pole 72
	743+40	Pole 69
Pole 43332	736+86	
Pole P1	730+43	
Pole 43351	723+58	
	719+77	High Mountain Road
	716+93	Pole 43358
Pole 43362	710+88	
	704+11	Pelletier Avenue
Pole 75323	703+86	
Pole 43377	697+93	
Pole 43384	689+66	
Pole 43391	683+46	
Pole 32.1	679+44	
Pole 43400	672+53	
Pole 43408	664+43	
Pole 43414	655+79	
Pole 43419	646+07	
	641+29	Pole 63309
Pole 4.1	634+01	
Pole FK60-7	629+09	
	622+92	Pole 43444
	619+37	Pole 7
	614+90	Sunset Drive
Pole 11 A	613+78	
	607+97	Pole 43549
	604+04	Pole 43553

<u>Project Stationing</u>		
<u>Left</u>	<u>Station</u>	<u>Right</u>
Project End	799+08	Project End
Pole 43277	794+10	Pole 43278
	791+96	Cottage Siding Road
	788+68	Pole 74789
	784+25	Pole 127690
Pole 92S	779+21	Pole 92
Pole 283100	771+90	



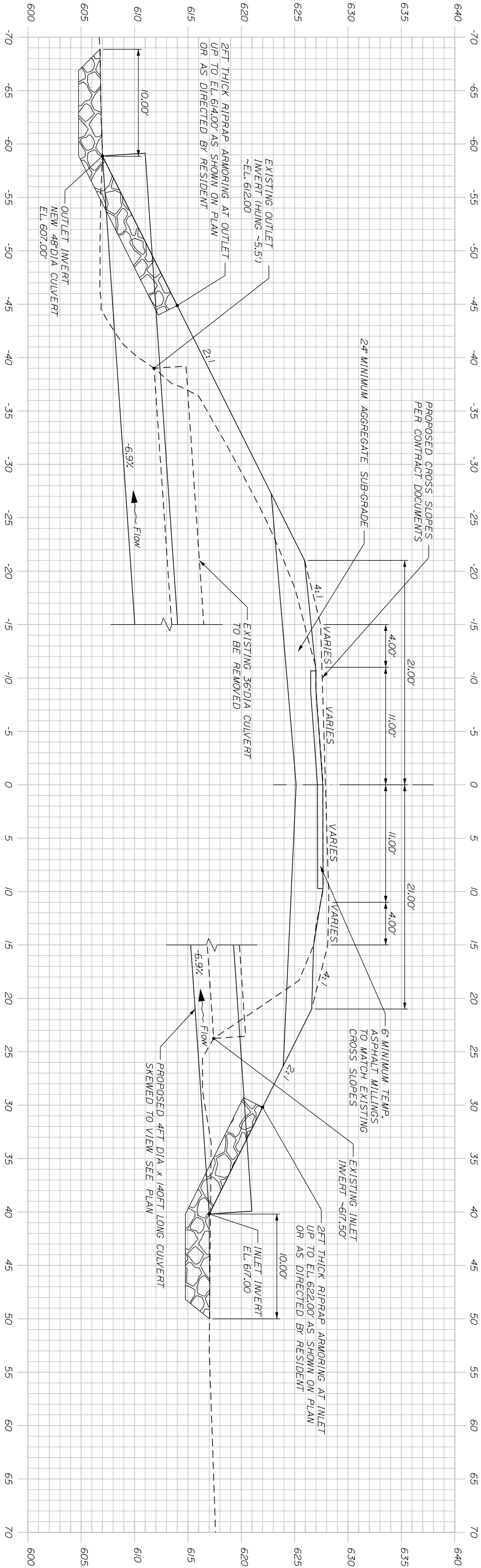
SHEET NUMBER

ALLAGASH-SAINT FRANCIS
ROUTE 161
PLAN VIEW XC-179987

PROJ. MANAGER	R. SOUCY	BY	DATE
DESIGN-DETAILED	MOLAVAR	WARDWELL	JAN 2024
CHECKED-REVIEWED	MOLAVAR	SOUCY	JAN 2024
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
27480.00
WIN
2748000
HIGHWAY PLANS



CROSS SECTION AT PROPOSED PIPE
CENTERLINE STA. 33+42.00
SKEWED BACK RIGHT 46.75DEG

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

27480.00

WIN
2748000

HIGHWAY PLANS

PROJ. MANAGER	R. SOUCY	BY	DATE
DESIGN-DETAILED	MOLAVER	WARDWELL	JAN 2024
CHECKED-REVIEWED	MOLAVER	SOUCY	JAN 2024
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

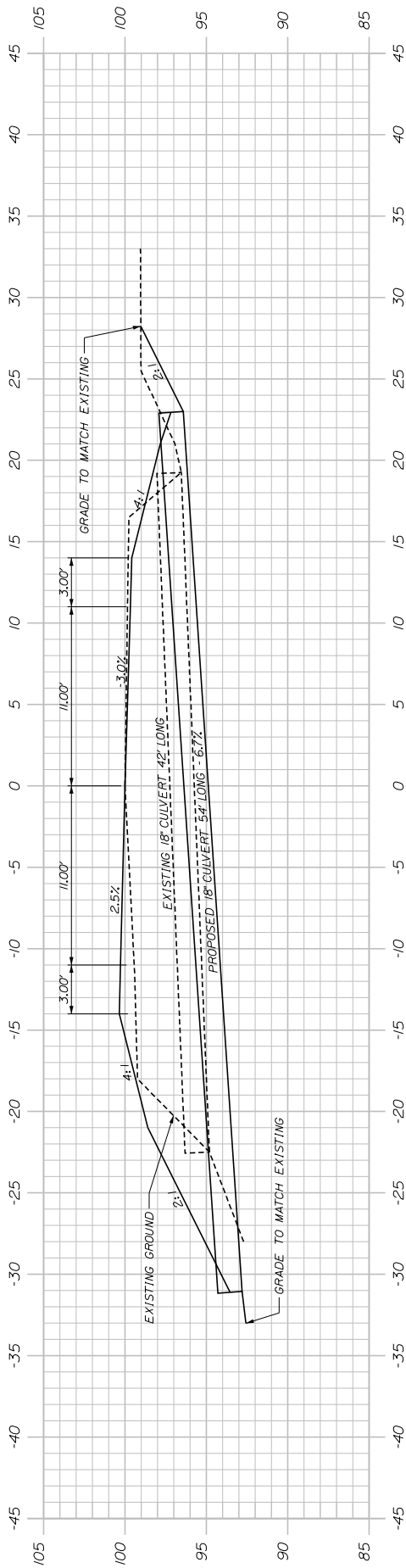
DATE

ALLAGASH-SAINT FRANCIS
ROUTE 161

CROSS SECTIONS

SHEET NUMBER

XC-177 462
STA 728+60



NOT TO SCALE

ALLAGASH - SAINT FRANCIS
ROUTE 161

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

SHEET NUMBER

CROSS SECTION

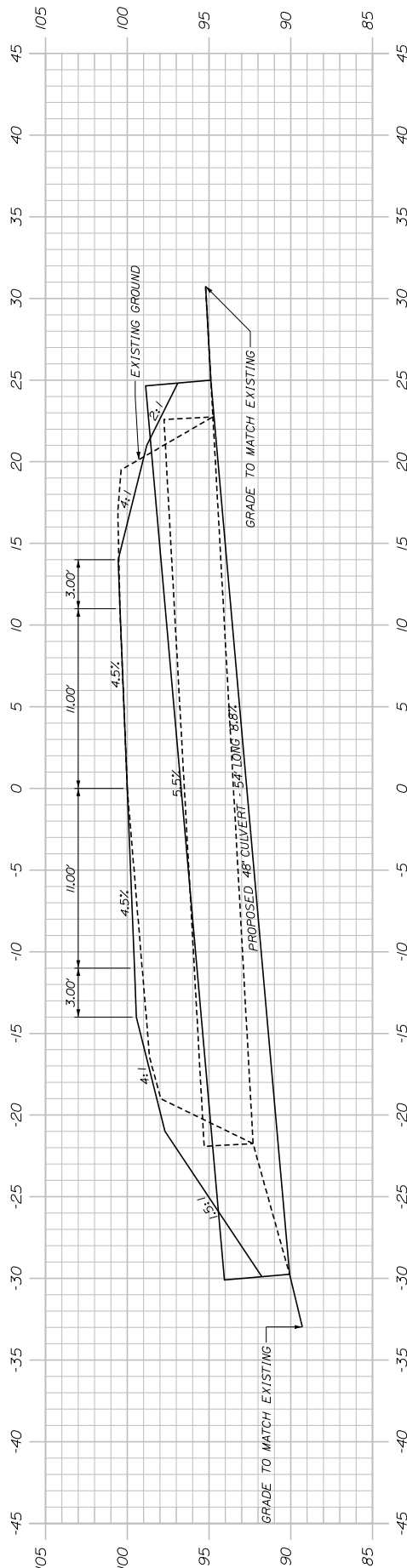
WIN 27480.00

HIGHWAY PLANS

2748000

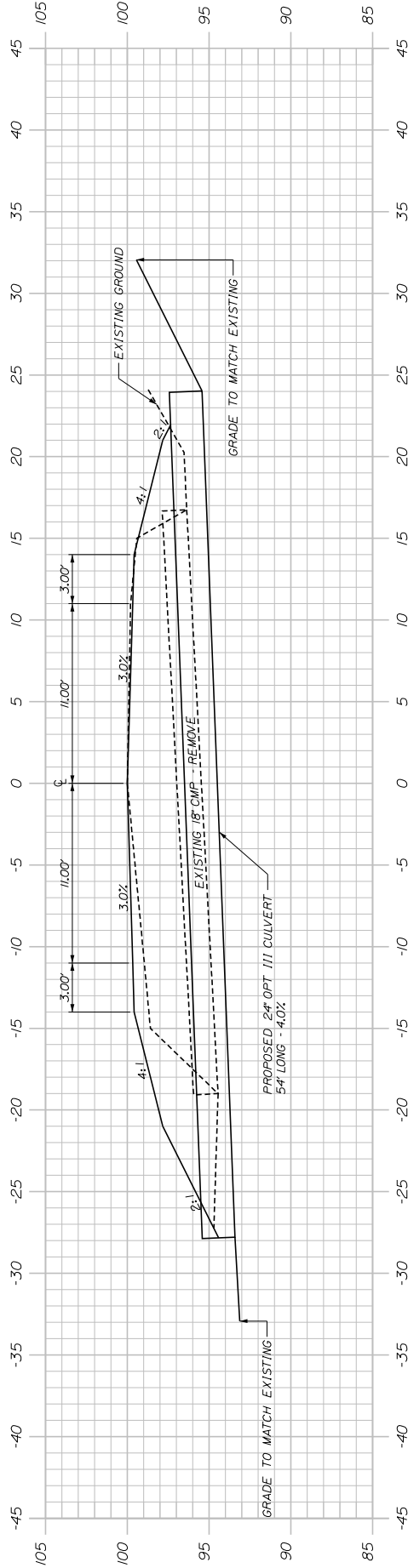
1 OF 4

XC-177575
STA 647+00



NOT TO SCALE		STATE OF MAINE	
ALLAGASH - SAINT FRANCIS		DEPARTMENT OF TRANSPORTATION	
ROUTE 161		2748000	
CROSS SECTION		HIGHWAY PLANS	
SHEET NUMBER		2 OF 4	

XC-179983
STA 38-00



NOT TO SCALE

ALLAGASH - SAINT FRANCIS
ROUTE 161

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

SHEET NUMBER
3 OF 4

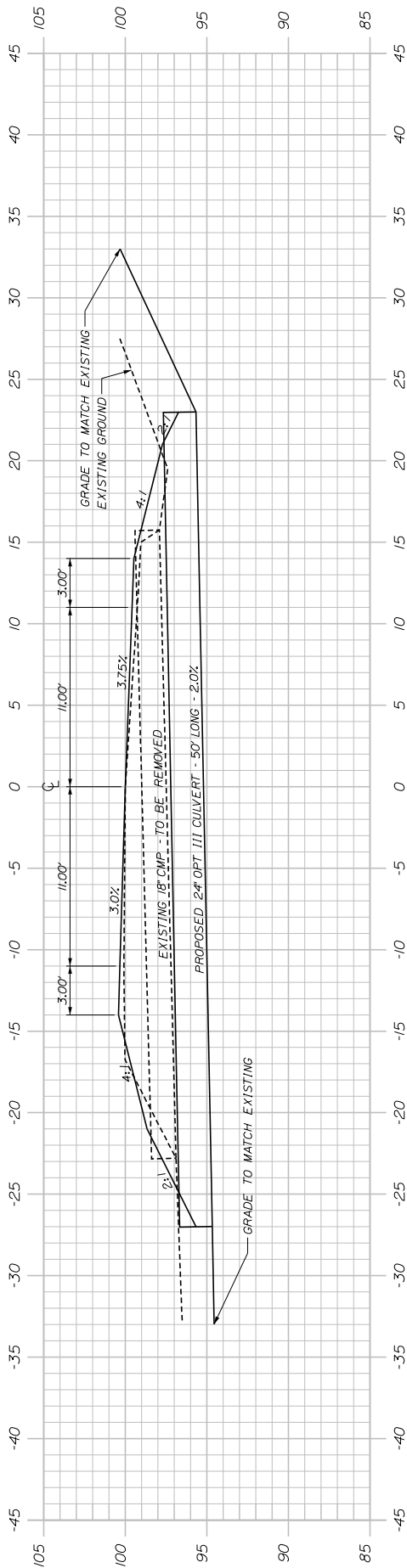
CROSS SECTION

WIN 27480.00

HIGHWAY PLANS

2748000

XC-177866
STATION 472+27



NOT TO SCALE

ALLAGASH - SAINT FRANCIS
ROUTE 161

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

SHEET NUMBER

CROSS SECTION

WIN 27480.00

HIGHWAY PLANS

2748000

4 OF 4

201.23 - Removing Single Tree – Top Only

This item shall be used to remove trees from within the right of way at the following locations:

- Station 523+68 – Approximately 25' RT
- Station 712+22 – Approximately 25' RT
- Station 712+44 – Approximately 25' RT

201.24 - Removing Stump

This item shall be used to remove tree stumps from the right of way at the following locations:

- Station 523+68 – Approximately 25' RT
- Station 712+22 – Approximately 25' RT

202.202 - Removing Pavement Surface

<u>Station</u>	<u>to</u>	<u>Station</u>	<u>Width</u>	<u>Side</u>	<u>Description</u>	<u>Depth</u>
10+00	-	27+07	22'	LT/RT	Mainline	1.5"
145+75	-	150+90	22'	LT/RT	Mainline	Full Depth
156+30	-	168+40	22'	LT/RT	Mainline	Full Depth
183+75	-	206+60	22'	LT/RT	Mainline	Full Depth
516+75	-	525+00	22'	LT/RT	Mainline	Full Depth
565+90	-	592+00	22'	LT/RT	Mainline	3"
610+00	-	624+50	22'	LT/RT	Mainline	3"
668+00	-	688+00	22'	LT/RT	Mainline	3"

Millings/grindings will be stockpiled on site by the contractor for potential re-use on site in full depth reclamation areas. Payment for delivery and stockpiling will be incidental to Item 202.202. Stockpiling shall include all equipment, personnel, and all other necessary incidentals required to construct stockpiles as per normal construction practices. Upon completion of the project, remaining material from this stockpile will become property of the contractor.

202.203 Pavement Butt Joints

<u>Station</u>	<u>to</u>	<u>Station</u>	<u>Width</u>	<u>Length</u>	<u>Side</u>	<u>Description</u>
10+00	-	10+00	28'	75'	RT/LT	Project Begin
53+50	-	54+30	1.5'	80'	RT	Carney Road
613+81	-	614+61	1.5'	80'	RT	Sunset Drive
791+87	-	792+47	1.5'	60'	RT	Cottage Road
799+08	-	799+08	28'	75'	RT/LT	End Project

204.21 Add Shoulder Aggregate – Truck Measure

- To be used in Full Depth Reclamation areas where additional gravel is required to achieve required grade beyond the edge of existing pavement.
- To be used in all other areas after removal of winter sand and debris to achieve required grade prior to paving shoulders.

411.10 Untreated Aggregate Surface Course (Truck Measure)

<u>Station</u>	<u>to</u>	<u>Station</u>	<u>Side</u>	<u>Description</u>
27+07	-	799+08	RT/LT	Entrances

- Material shall be placed in all gravel drives and or entrances to back up paved aprons, as directed by the Resident.

461.1300 Light Capital Paving

- Starting LCP from the Western Joint of the Allagash River Bridge and continuing 3.02 miles west to the Frank Mack Road.
- Pavement shall be full width covering all existing pavement including shoulders.
- Pavement depth shall be 5/8”.

511.07 Cofferdam, Upstream & Downstream

This item will be used for in-water work to install new cross culverts at the following locations:

- Station 33+42 LT/RT
- Station 647+00 LT/RT

519.60 Asphaltic Plug Joint

Work performed under this item shall be located at the east abutment of bridge #5658.

520.243 Joint Modification Type 3

Work performed under this item shall be located at the following locations:

- Bridge #5658 – West abutment
- Bridge #3909 – South and North abutments
- Bridge #2014 – West and East abutments

603.16 15” Culvert Pipe Option 1

<u>Station</u>	<u>Length</u>	<u>Side</u>	<u>Station</u>	<u>Length</u>	<u>Side</u>
347+20	48’	LT	59+60	36’	RT
562+26	54’	LT	378+98	50’	RT
564+65	30’	LT	380+18	40’	RT
699+85	44’	LT	382+34	44’	RT
713+08	32’	LT	464+22	44’	RT
			505+23	36’	RT
			551+86	36’	RT
			552+72	36’	RT
			553+39	36’	RT
			557+21	40’	RT
			567+02	40’	RT
			572+37	40’	RT
			573+16	44’	RT
			574+09	44’	RT
			620+89	44’	RT
			642+59	40’	RT
			649+29	40’	RT

603.1690 15" CULV PIPE OPTION III

586+10 to 588+20 = 210' LT

603.17 18" Culvert Pipe Option 1

<u>Station</u>	<u>Length</u>	<u>Side</u>	<u>Station</u>	<u>Length</u>	<u>Side</u>
516+56	48'	LT			
393+37	50'	RT	680+21	84'	RT
446+49	38'	RT	687+09	44'	RT
471+84	34'	RT	688+78	80'	RT
525+76	48'	RT	692+61	48'	RT
527+33	48'	RT	699+85	48'	RT
528+08	40'	RT	700+96	44'	RT
575+90	44'	RT	714+70	36'	RT
576+65	44'	RT			
601+20	44'	RT			
640+00	48'	RT			
641+81	36'	RT			
640+45	44'	RT			
641+50	36'	RT			
652+65	44'	RT			
678+04	38'	RT			

603.199 – 24" CULV PIPE OPT III

STA 714+00 – 52' – New installation – no existing culvert at this location
Other locations are depicted in cross-sections.

603.21 36" Culvert Pipe Option 1

<u>Station</u>	<u>Length</u>	<u>Side</u>
681+33	50'	RT
683+22	86'	RT
684+14	42'	RT

604.092 – Catch Basin Type B1-C

New catch basins shall be installed at the following locations:

- Station 586+10 – 15' LT
- 0.55 miles east of Frank Mack Road in Allagash – 27' RT

604.161 Altering Catch Basin

<u>Station</u>	<u>Side</u>	<u>Station</u>	<u>Side</u>
588+12	LT	588+12	RT
588+80	LT	589+85	RT
612+50	RT	613+70	RT

604.18 Adjust Manhole Or Catch Basin To Grade

<u>Station</u>	<u>Side</u>
614+90	RT
621+25	LT
621+80	LT

606.1301 31” W Beam Guardrail Mid-Way Splice

Left		Right	
<u>Begin</u>	<u>End</u>	<u>Begin</u>	<u>End</u>
46+17	47+55	45+80	46+55
54+75	56+38	68+64	72+64
69+65	71+40	109+34	113+22
109+81	112+19	298+20	300+08
195+70	199+58	362+63	363+13
258+00	270+13	594+55	597+18
298+90	300+65	603+26	609+51
347+38	355+88	709+35	711+60
359+76	376+14		
402+52	419+15		
420+58	423+95		
596+10	597+35		
653+16	662+29		
709+35	711+60		
744+92	749+05		
781+92	788+92		
792+40	797+78		

- Exact locations will be determined in the field by the Resident.

606.1303 31” W Beam Guardrail Mid-Way Splice -15’ Radius & Less

<u>Station</u>	<u>Side</u>
71+40	LT
72+65	RT
362+63	RT
363+13	RT
347+23	LT
420+43	LT

- Exact locations will be determined in the field by the Resident.

606.1305 31” W Beam Guardrail Mid-Way Splice Flared Terminal

<u>Station</u>	<u>Side</u>	<u>Station</u>	<u>Side</u>
46+17	LT	45+80	RT
47+55	LT	46+55	RT
54+75	LT	68+64	RT
56+38	LT	109+34	RT
69+65	LT	113+22	RT
109+41	LT	298+20	RT
195+30	LT	300+08	RT
200+00	LT	594+55	RT
257+60	LT	597+18	RT
301+10	LT	603+26	RT
595+70	LT	709+35	RT
652+76	LT	711+60	RT
662+73	LT		
707+83	LT		
709+84	LT		
749+40	LT		
781+52	LT		
789+37	LT		
792+00	LT		
798+16	LT		

- Exact locations will be determined in the field by the Resident.

All new Guardrail shoulders will be paved. End treatments will be installed using posts recommended by the manufacturer. The contractor shall provide the Resident with the system to be used on the project at the pre-construction meeting. The contractor shall plan their work accordingly that end treatments shall be installed within the widened areas for end treatments and installed according to manufacturer's recommendations. Any adjustments needed from installing guardrail or end treatments after paving surface shall be the responsibility of the contractor.

606.1308 Buried in Slope Guardrail End – Mid-Way Splice

- Station 609+51 RT

606.3511 Snow Pole

- The Snow-Poles will be installed at all Guardrail End treatments, terminal ends, and one post is to be installed at each approach to bridges left and right, or as directed by the Resident. Top of post will be 8' above ground level.
- Snow poles shall be installed on all end treatments beginning at the urban compact line on Route 161 in Fort Kent and continuing West to Frank Mack Road in Allagash. This includes guardrail treatments located outside of the project limits.

606.7540 Widen Shoulder For Guardrail 350 Flared

<u>Station</u>	<u>Side</u>	<u>Station</u>	<u>Side</u>
46+17	LT	47+55	LT
69+65	LT	109+41	LT
195+30	LT	200+00	LT
257+60	LT	301+10	LT
595+70	LT	652+76	LT
662+73	LT	707+83	LT
709+84	LT	749+40	LT
781+52	LT	789+37	LT
792+00	LT	798+16	LT
45+80	RT	46+55	RT
68+64	RT	298+20	RT
300+08	RT	594+55	RT
597+18	RT	603+26	RT
709+35	RT	711+60	RT

608.46 Regrading Sidewalk

This item shall be used to regrade existing sidewalk from station 618+80 to 621+85 LT

609.31 Curb Type 3: Cape Cod Mold

All new curb shall be installed at 15' to the face of curb

<u>Station</u>	LEFT	<u>Station</u>	<u>Station</u>	RIGHT	<u>Station</u>
567+80	TO	568+12	568+43	TO	569+35
568+30	TO	569+35	580+95	TO	581+76
569+65	TO	570+68	581+99	TO	582+54
570+94	TO	571+32	587+66	TO	588+34
576+50	TO	577+03	588+55	TO	589+15
580+95	TO	581+20	589+50	TO	589+92
581+76	TO	582+96	590+85	TO	591+59
585+50	TO	586+30	609+99	TO	612+40
568+75	TO	588+32	612+77	TO	613+42
611+00	TO	612+80	614+46	TO	614+67
613+22	TO	613+82	616+19	TO	617+09
614+70	TO	615+84	621+37	TO	621+72
623+33	TO	623+72	621+89	TO	622+46
637+54	TO	637+94	722+76	TO	723+30
698+40	TO	699+05	723+57	TO	724+40
699+30	TO	699+55	724+62	TO	725+03
714+84	TO	716+72	725+48	TO	726+13
719+51	TO	720+17	726+41	TO	726+82
720+46	TO	721+40	731+63	TO	732+23
772+43	TO	773+45	771+63	TO	772+06
778+24	TO	779+64	780+56	TO	781+19
779+99	TO	780+56	781+54	TO	782+49
			788+00	TO	790+03
			790+18	TO	790+73
			795+19	TO	795+58

609.31 Curb Type 3: Standard Mold

LEFT
618+80 TO 621+85

610.08 Plain Riprap

Plain riprap shall be added at the inlet and outlet of each roadway culvert. Exact locations and dimensions will be determined in the field by the resident.

610.18

This item shall be installed at the following locations:

- Station 686+00 to 687+62 RT – Approximately 10' Width
- Station 687+88 to 689+77 RT – Approximately 10' Width

615.07 Loam

This item is to be used on lawn areas at a nominal depth of 4 inches. Exact locations to be determined in the field by the resident.

615.10 Dirty Burrow

This item is to be used for disturbed areas on the project that are not considered lawn areas, as well as to back up the edge of shoulders and cover gravel on the in-slopes. Material will be placed to a 2" nominal depth. Exact locations will be determined in the field by the resident.

627.733 4" White or Yellow Painted Pavement Marking Line

Center lines and edge lines shall be painted on all matched pavement within one week. Center line TOMs may be utilized until final striping and will be considered incidental to the contract.

627.78 Temporary 4" Painted Pavement Marking Line, White or Yellow

Temporary center lines and edge lines shall be painted on all matched pavement within one week.

Multilane sections, truck lanes, and milled surfaces must be striped daily on all matched pavement layers.

Temporary lines will require one coat on the milled surface and one coat on the shim layer.

631 Hourly Items

- Primary use of the 631.12 All Purpose Excavator and 631.172 Truck-Large will be for removal of excess material from in-slopes, ditches, guardrail, and ends of pipes. 631.14 – Grader has been estimated for preparing shoulders for placement of shoulder aggregate and removal of winter sand and debris, and for spreading recycled millings in the roadway prior to reclamation. 631.13 – Bulldozer has been estimated for re-establishing open drainage ditches. 631.22 – Front End Loader and 631.172 – Truck-Large has been estimated for loading and hauling millings for use in full depth reclamation areas from the department's maintenance lot located at 14 Mills Road, Fort Kent, ME. 04743. Actual locations for rental equipment use will be determined in the field by the resident. Cleaning of pavement following rental work will be considered incidental to the rental items and will be done daily to the satisfaction of the Resident.
- Bridges: Repairs to the joint armor and keeper blocks will be paid for through item 631.112 - Welder as Directed by the Resident. Repairs required to the joint armor due to Contractor's damage will not be considered for payment.

652.35 Construction Signs

Two **Road Work Next 18 Miles** signs are required for this project.

Allagash – Saint Francis
27480.00
Route 161
March 18th, 2024