

**MAINE TURNPIKE AUTHORITY**

**ADDENDUM NO. 2**

**CONTRACT 2022.01**

**PAVEMENT REHABILITATION  
AND DRAINAGE IMPROVEMENTS  
MM 102.6 TO MM 109.1**

The following changes are made to the CONTRACT DOCUMENTS.

**PROPOSAL:**

Remove Proposal sheet P-2 Replace with attached P-2 REVISED 2-17-22.

**SPECIFICATIONS:**

Remove sheets SP-2 and SP-3 and Replace with attached SP-2 ADDENDUM #2 and SP-3 ADDENDUM #2.

Revise quantity on SP-9 from 1,200. CY down to 800. CY.

Delete first paragraph on SP-67 subsection 652.2.5 Truck Mounted Attenuator and replace with

When a pay item for a Truck Mounted Attenuator (TMA) is included in the contract or otherwise required in the contract the TMA will be used on the project for each individual lane closure that is installed. A TMA shall be required as described above or it will be considered a Traffic Control Plan violation and result in a reduction of payment as outlined in Section 652.

Insert the attached permit information in APPENDIX A.

**PREBID AGENDA MINUTES AND SIGN IN SHEET:**

Attached.

**QUESTIONS:**

**Q1:** For lane channelization devices can cones be used for lane closures on the project with a standard barrel taper?

**A1:** Yes.

**Q2:** For HMA Surface Pavement would the Turnpike Authority allow the use of Class II RAP at a maximum of 15% based on current MaineDOT specification?

**A2:** No, Class II would be limited to 10% maximum.

**Notes:** The above items shall be considered as part of the bid submittal.

The total number of pages included with this addendum is 18

All bidders are requested to acknowledge the receipt of the Addendum No. 2 by signing below and faxing this sheet to Nate Carll, Purchasing Department, MTA at 207-871-7739. Bidders are also required to acknowledge receipt of this Addendum No. 2 on Page P-6 of the bid package.

\_\_\_\_\_  
Business Name

\_\_\_\_\_  
Print Name and Title

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

February 17, 2022

Very truly yours,  
MAINE TURNPIKE AUTHORITY

\_\_\_\_\_  
Nathanial Carll  
Purchasing Manager  
Maine Turnpike Authority

**SCHEDULE OF BID PRICES**  
**CONTRACT NO. 2022.01**  
**Pavement Rehabilitation and Drainage Improvements**  
**MM 102.6 to MM 109.1**

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
202.202	Removing Pavement Surface - Mainline	Square Yard	281,900				
202.2026	Remove Pavement Surface - Drainage Paths	Square Foot	385				
202.205	Rumble Strips	Each	122,400				
403.2081	Hot Mix Asphalt, 12.5mm (Polymer Modified)- RAP	Ton	24,500				
403.2084	Hot Mix Asphalt, 12.5mm Nominal Maximum Size(sidewalks, drives, islands & incidentals)	Ton	180				
403.211	Hot Mix Asphalt (shimming)	Ton	150				
409.152	Bituminous Tack Coat - Applied	Gallon	17,590				
419.30	Full Depth Bituminous Sawcut	Linear Foot	900				
419.301	Saw Cutting and Sealing Bituminous Pavement	Linear Foot	156				
424.323	Asphalt Rubber Mastic Crack Sealant	Pound	39,700				
459.06	Bituminous Concrete Waterway - Type I	Each	12				

**CARRIED FORWARD:**

104.3.8 Wage Rates and Labor Laws

Section 104.3.8 Wage Rates and Labor Laws has been amended as follows:

The fair minimum hourly rates determined by the State of Maine Department of Labor for this Contract are as follows:



State of Maine  
 Department of Labor  
 Bureau of Labor Standards  
 Augusta, Maine 04333-0045  
 Telephone (207) 623-7906

Wage Determination - In accordance with 26 MRS §1301 et. seq., this is a determination by the Bureau of Labor Standards, of the fair minimum wage rate to be paid to laborers and workers employed on the below titled project.

**2022 Fair Minimum Wage Rates  
 Highway & Earth Kennebec County**

Occupational Title	Minimum Wage	Minimum Benefit	Total
Carpenter	\$21.13	\$1.39	\$22.52
Cement Masons And Concrete Finisher	\$20.00	\$0.00	\$20.00
Commercial Divers	\$28.00	\$2.50	\$30.50
Construction And Maintenance Painters	\$23.34	\$2.53	\$25.87
Construction Laborer	\$21.25	\$1.65	\$22.90
Control And Valve Installers And Repairers - Except Mechanical Door	\$26.00	\$5.49	\$31.49
Conveyor Operators And Tenders	\$18.00	\$2.71	\$20.71
Crane And Tower Operators	\$31.54	\$6.68	\$38.22
Crushing Grinding And Polishing Machine Operators	\$20.22	\$3.89	\$24.11
Earth Drillers - Except Oil And Gas	\$23.25	\$5.53	\$28.78
Electricians	\$39.54	\$18.92	\$58.46
Excavating And Loading Machine And Dragline Operators	\$25.73	\$5.26	\$30.99
Fence Erectors	\$18.00	\$0.72	\$18.72
Flaggers	\$16.50	\$0.00	\$16.50
Heating And Air Conditioning And Refrigeration Mechanics And Installers	\$26.33	\$4.06	\$30.39
Heavy And Tractor - Trailer Truck Drivers	\$22.00	\$2.12	\$24.12
Highway Maintenance Workers	\$22.13	\$2.10	\$24.23
Industrial Machinery Mechanics	\$26.00	\$5.19	\$31.19
Industrial Truck And Tractor Operators	\$24.00	\$5.61	\$29.61
Light Truck Or Delivery Services Drivers	\$20.00	\$0.99	\$20.99
Millwrights	\$25.13	\$3.51	\$28.64
Mixing And Blending Machine Operators	\$24.71	\$8.59	\$33.30
Mobile Heavy Equipment Mechanics - Except Engines	\$26.13	\$4.06	\$30.19
Operating Engineers And Other Equipment Operators	\$26.00	\$6.73	\$32.73
Paving Surfacing And Tamping Equipment Operators	\$26.00	\$4.92	\$30.92
Pipelayers	\$28.00	\$7.20	\$35.20
Plumbers Pipe Fitters And Steamfitters	\$26.00	\$2.93	\$28.93
Reinforcing Iron And Rebar Workers	\$48.58	\$0.00	\$48.58
Structural Iron And Steel Workers	\$27.98	\$4.69	\$32.67

Welders are classified as the trade to which welding is incidental (e.g. welding structural steel is Structural Iron and Steel Worker)


Apprentices – The minimum wage rate for registered apprentices are those set forth in the standards and policies of the Maine State Apprenticeship and Training Council for approved apprenticeship programs.

For any other specific trade on this project not listed above, contact the Bureau of Labor Standards for further clarification.

Title 26 §1310 requires that a clearly legible statement of all fair minimum wage and benefits rates to be paid the several classes of laborers, workers and mechanics employed on the construction on the public work must be kept posted in a prominent and easily accessible place at the site by each contractor and subcontractor subject to sections 1304 to 1313.

Appeal – Any person affected by the determination of these rates may appeal to the Commissioner of Labor by filing a written notice with the Commissioner stating the specific grounds of the objection within ten (10) days from the filing of these rates.

A true copy

Attest:   
 Scott R. Cotnoir  
 Wage & Hour Director  
 Bureau of Labor Standards

Expiration Date: 12-31-2022

**MAINE TURNPIKE AUTHORITY**

Pre-Bid Conference

CONTRACT 2022.01

Pavement Rehabilitation

And Drainage Improvements MM 102.6 to MM 109.1

February 10, 2022 1:00 PM

1) Location:

- a) Pavement Rehabilitation Mile 102.6 to Mile 109.1 in the Town of West Gardiner and the City of Augusta on the Maine Turnpike.
- b) Rumble strips(SNAPs) installation at the New Gloucester ORT(MM67.0) northbound and southbound – see Appendix B, MTA to provide maintenance of traffic.
- c) Drainage Improvements MM 104.6 northbound and southbound and MM 106.47 southbound.
- d) Median catch basin rebuilds and bituminous waterways shown on plan sheet 3.

2) General Description:

The pavement rehabilitation work consists of milling and paving two 12 foot wide lanes and the shoulders for both northbound and southbound. Excess material in the median will be removed to restore proper drainage, catch basins will be rebuilt and adjusted as necessary, drainage outlets will be replaced as necessary. Pavement markings, maintenance of traffic and all other work incidental thereto will be completed in accordance with the Plans and Specifications.

3) Bid Opening:

- a) February 24, 2022 at 1:00 P.M. at MTA headquarters 2360 Congress Street, Portland.
- b) All bid and contractual questions shall be directed to Mr. Nathaniel Carll. Phone No. (207) 871-7771 Ext. 115.
- c) All questions on plans and specifications shall be in faxed or emailed to Nathaniel Carll, Purchasing Manager(ncarll@maineturnpike.com), of the Maine Turnpike Authority. Fax No. (207) 871-7739. **MTA will end answers to questions received at end of business on 2/17/22.**

4) Notification:

- a) Contractor shall notify and obtain approval from the Authority prior to visiting the Project site for field inspection. The contact person is Mr. Steve Tartre at (207) 871-7771, Ext. 144.



- 5) Construction Schedule/Prosecution of Work:
  - a) After Contract Execution.
  - b) September 16, 2022 – Substantial Completion, (defined in Special Provision Section 107.1.1 Substantial Completion(SP-5)).
  - c) October 7, 2022 - Contract Completion date.
  - d) Lane 2 and 8' shoulder to be pulled as one.
  - e) Beginning of project(station 5239+50 to 5284+00) to be 1.5" mill and fill- need to get by Exit 103 ramps.
  - f) Lanes and adjacent shoulders shall be kept even during milling.
  - g) Milling and paving thru four bridge underpasses as shown plan sheet 9.
  
- 6) Maine Department of Labor – Fair Hourly Wages (Special Provision 104.3.8):
  - a) Highway and Earthwork wages will be issued in an Addendum.
  
- 7) Cooperation with Other Contractors (MTA Supplemental Specification 104.4.7):
  - a) **2022.06 Richmond Road MM93.3.**
  
- 8) General Requirements
  - a) U-Turns at toll plazas and median openings not allowed.
  - b) Class III vests.
  
- 9) Permit Requirements (Special Provision 105.8.2)
  - a) Permit Required-MTA has received and will issue as an Addendum.
  
- 10) Limitations of Operations (Special Provision 107.4.7 SP-6):
  - a) Continuous work.
  - b) Lane widths according to Sunrise/Sunset Table.
  
- 11) Traffic Control (Supplemental Specification and Special Provision Section 652):
  - a) Contractor is responsible for supplying all traffic control devices.
  - b) Contractor is responsible for placement, relocation, removal and maintenance of traffic control devices. Maintenance of traffic control devices is a 24-hour a day, seven day per week, responsibility. Contractor shall inspect devices as required.
  - c) Lane closures
    - i) Requests for temporary lane closures shall be submitted a minimum of two days in advance of scheduled closure. Requests are subject to approval by MTA.
    - ii) NB and SB Lane closure permissions shown on SP-62.
    - iii) Shoulder closures and equipment moves coincide with SP-62
  - d) Stoppages of traffic for moving heavy or slow equipment across turnpike (stoppages less than five minutes)
    - i) Install signs “Expect Stopped Traffic” and “ Be Prepared to Stop”

- ii) Fee of \$500 per minute for each minute in excess of the five minute allowance.
- iii) Requests for short term traffic stoppages (up to 5 minutes) shall be submitted two days in advance of scheduled stoppage. Request subject to approval by MTA.
- e) All signs, which do not apply to current construction activity, shall be 100% covered or removed in accordance with the plans. This includes any speed limit signs when work zone speed is in operation.

12) New Items

- i) SP-67 Truck Mounted Attenuator will be used when there is a lane closure-Addendum forth coming.
- ii) MTA Supplemental Specifications-On Line.
- iii) SP-16 Fine aggregate Micro-Duval.
- iv) SP-29 Zycotherm to 0.125%.
- v) SP-20 Table 1A Hamburg Wheel Tracker temperature for 64E-28(45 to 48 Celsius)
- vi) SP-1 Juneteenth Day June 20, 2022.

13) Addendum No. 2 will be issued February 15, 2022.

- a) SP-67 Truck Mounted Attenuator use.
- b) SP-9 Quantity of millings to Litchfield Maintenance to be reduced from 1,200. CY to 800. CY.
- c) Permit received by MTA for drainage work at three pipe ends.
- d) SP-3 Highway and Earthwork Wage Rates.
- e) Trackless Tack pay item should be 409.152.
- f) Any pertaining to the Pre-bid Meeting.

14) Other

- a) Detail shown for lane closure coming from I-295 at the Exit 103 ORT.
- b) A Patrol vehicle is required per specifications.

15) Questions

- a) Q1: Will the contractor be charged a fee of \$1,000. for the paver stopping during production?
- b) A1: The contractor shall plan the paving operation such that a sufficient number of haul units are supplied to keep the paver moving at a constant speed. The \$1,000. fine will be imposed for paver stoppages or slow downs caused solely by a lack of haul units.







DEPARTMENT OF THE ARMY  
US ARMY CORPS OF ENGINEERS  
NEW ENGLAND DISTRICT  
696 VIRGINIA ROAD  
CONCORD MA 01742-2751

January 11, 2022

Regulatory Division  
File Number: NAE-2021-03314

Maine Turnpike Authority  
2360 Congress Street  
Portland, Maine 04102  
sdonohue@maineturnpike.com

Dear Applicant:

This authorization is to place permanent and temporary fill within freshwater wetlands at Maine Turnpike mile markers 104.7 and 106.4 in Farmingdale, Maine in order to reconstruct culvert ends, regrading, and stabilization. This work will result in approximately 1,352 s.f. of permanent and 6,140 s.f. of temporary wetland impact and is shown on the attached plans entitled "Locus Map: Pipe End Repairs Mile Marker 104.7" on 1 sheet and not dated, "Maine Turnpike Authority 2022 Culvert Maintenance Site MM 106.4 Farmingdale" on 1 sheet and not dated, "Maine Turnpike Authority 2022 Culvert Maintenance Site MM 104.7 Farmingdale" on 1 sheet and not dated and "Maine Turnpike Authority 2022 Culvert Maintenance Site MM 106.4 Farmingdale" on 1 sheet and not dated and "As Built" on 2 pages and dated "8-21-56" and "8-22-56".

Based on the information you have provided, we have determined that the proposed activity, which includes a discharge of dredged or fill material into waters of the United States, including wetlands, will have only minimal individual or cumulative environmental impacts. Therefore, this work is authorized as a SV activity under the enclosed Federal permits known as the Maine General Permits (GPs). This work must be performed in accordance with the terms and conditions of the GPs.

You are responsible for complying with all of the GPs' requirements. Please review the enclosed GPs carefully, in particular the general conditions beginning on Page 5, to familiarize yourself with its contents. You should ensure that whoever does the work fully understands the requirements and that a copy of the GPs and this authorization letter are at the project site throughout the time the work is underway.

This permit does not obviate the need to obtain other Federal, state, or local authorizations required by law. Performing work not specifically authorized by this determination or failing to comply with all the terms and conditions of the GPs may subject you to the enforcement provisions of our regulations.

This authorization presumes that the work as described above and as shown on your plans noted above is in waters of the U.S. Please submit a request for an approved jurisdictional

determination to this office in writing if you desire to appeal our jurisdiction.

This authorization expires on October 14, 2025, unless it is modified, suspended, or revoked before then. You must commence or be under contract to commence the work authorized herein by October 14, 2025 and complete the work by October 14, 2026. If you do not, you must contact this office to determine the need for further authorization before beginning or continuing the activity. We recommend that you contact us *before* this authorization expires to discuss a time extension or permit reissuance. Please contact us immediately to discuss modification of this authorization if you change the plans or construction methods for work within our jurisdiction. This office must approve any changes before you undertake them.

We continually strive to improve our customer service. In order for us to better serve you, we would appreciate your completing our Customer Service Survey located at <https://regulatory.ops.usace.army.mil/customer-service-survey/>

If you have any questions regarding this letter, please contact me at (978) 318-8171, (800) 343-4789, (800) 362-4367 within Massachusetts, or [Richard.C.Kristoff@usace.army.mil](mailto:Richard.C.Kristoff@usace.army.mil).

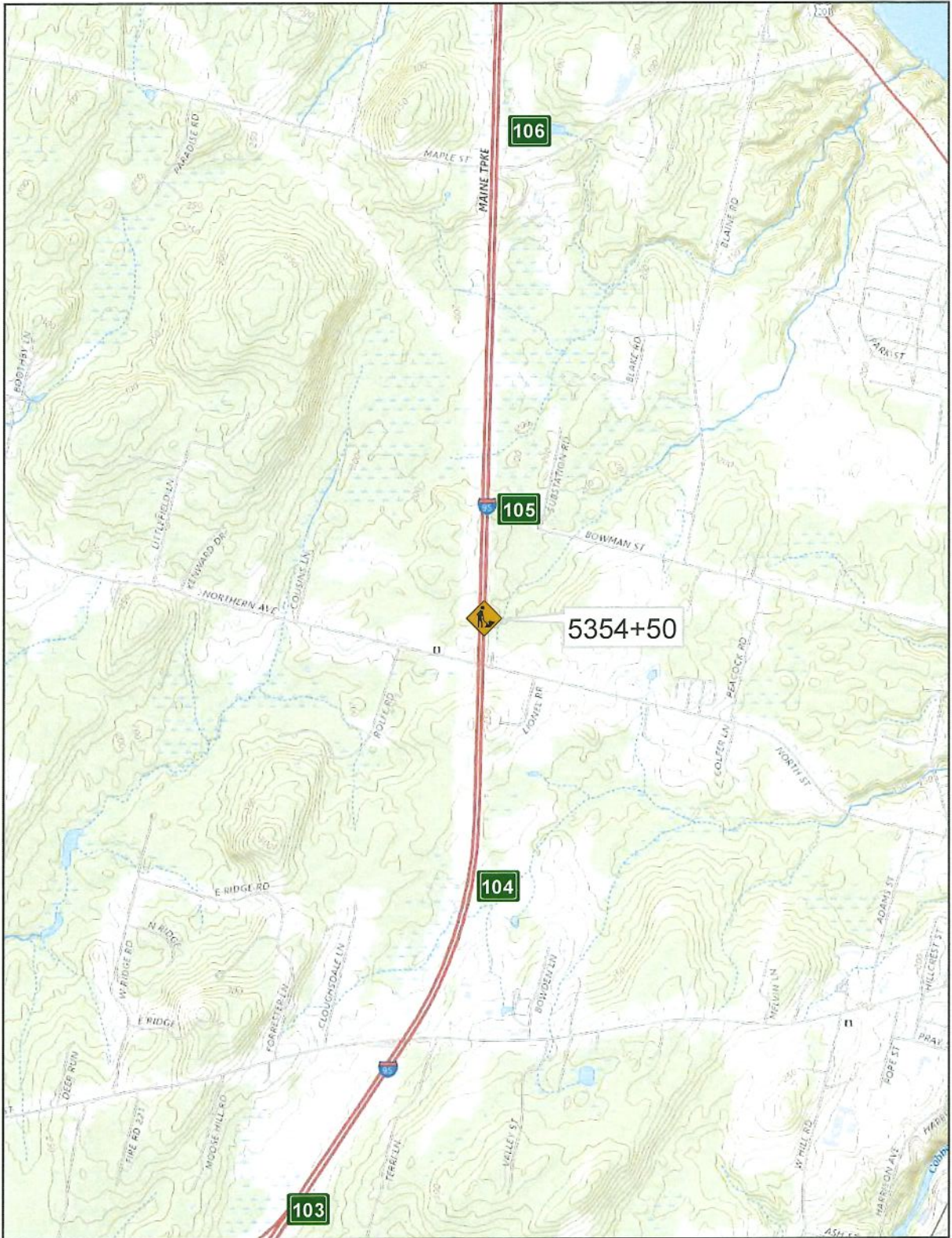
Sincerely,

**Richard  
Kristoff**

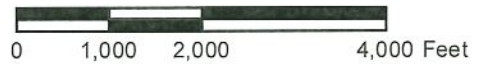
Digitally signed by  
Richard Kristoff  
Date: 2022.01.11  
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For Frank DelGiudice  
Chief, Permits & Enforcement Branch  
Regulatory Division

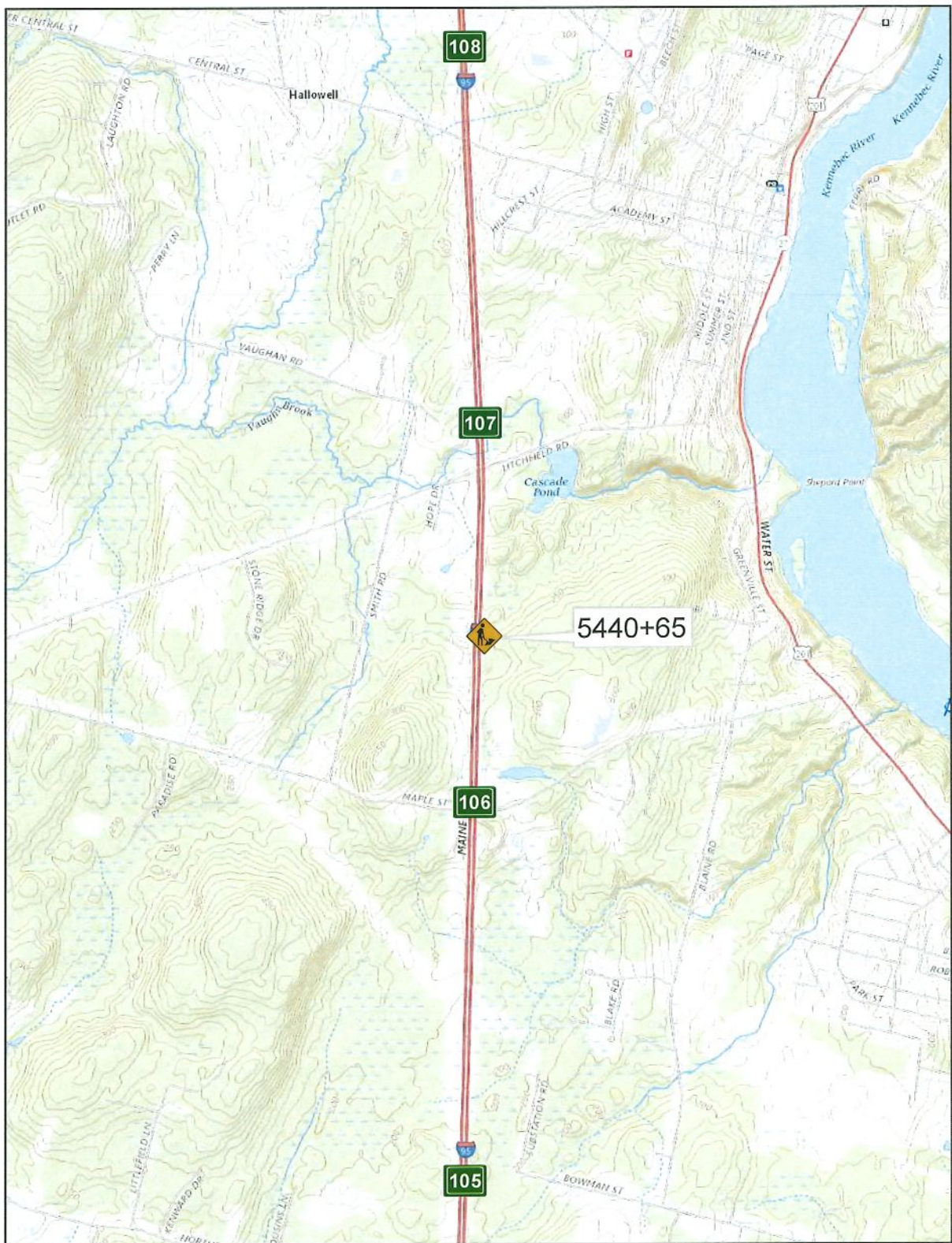




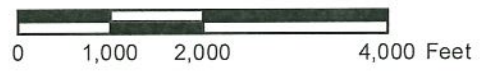
Locus Map:  
**Pipe End Repairs**  
**Mile Marker 104.7** | Farmingdale, ME



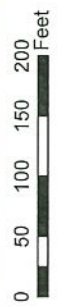
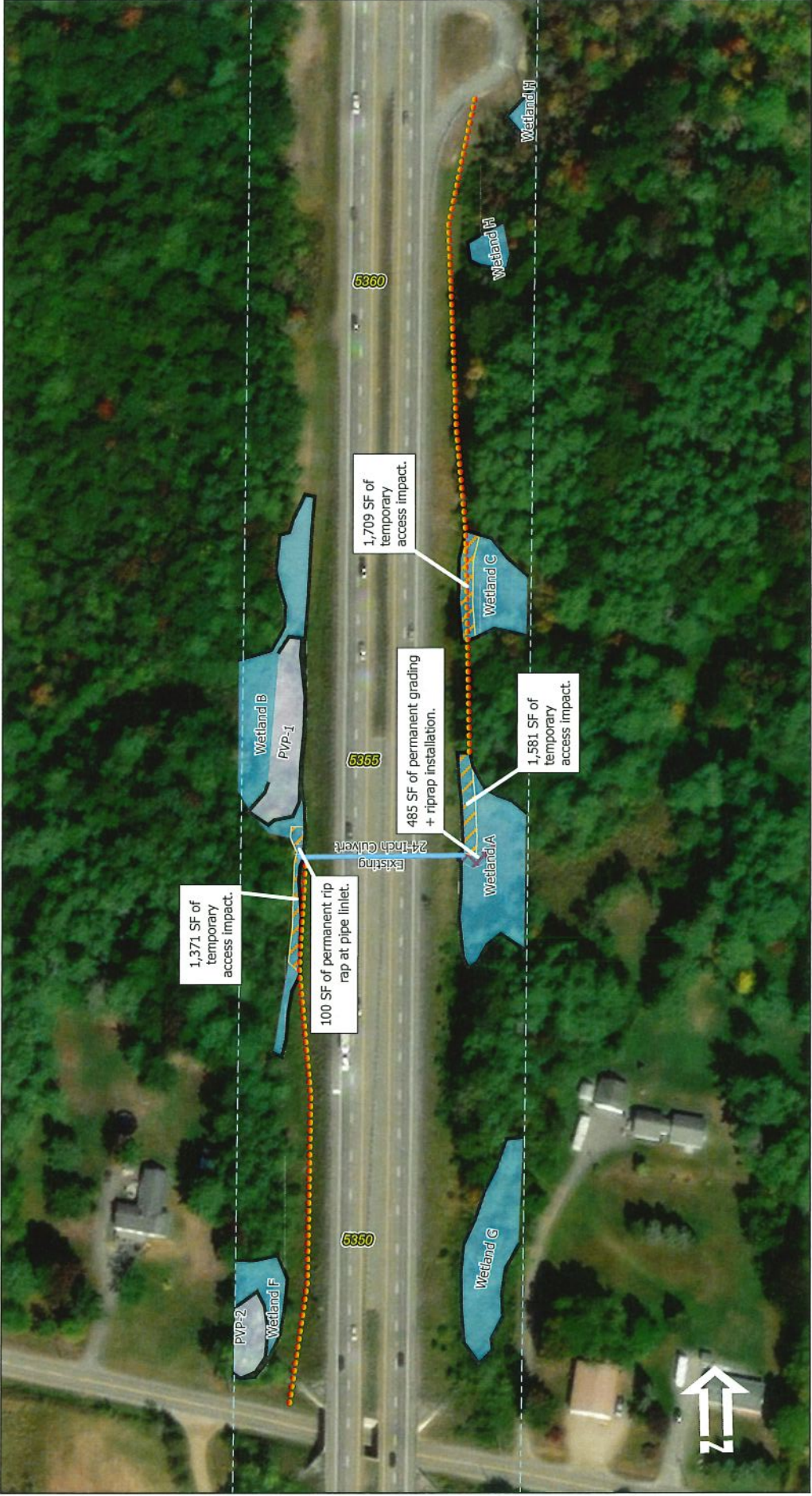




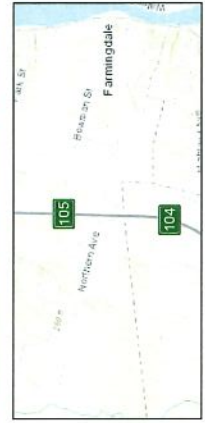
Locus Map:  
 Pipe End Repairs  
 Mile Marker 106.4 | Farmingdale, ME







- Potential Vernal Pool
- Wetland
- Culvert
- Right-of-way
- Equipment access
- Riprap
- Temporary impact



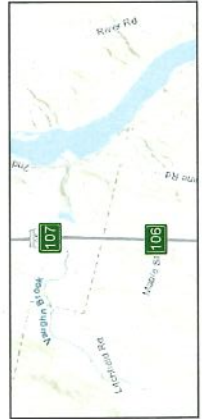
Maine Turnpike Authority  
 2022 Culvert Maintenance Site  
 MM 104.7  
 Farmingdale







- Potential Vernal Pool
- Wetland
- Culvert
- Right-of-way
- Equipment access
- Riprap
- Temporary impact



Maine Turnpike Authority  
 2022 Culvert Maintenance Site  
 MM 106.4  
 Farmingdale

**DIMENSIONS FOR SLOPE OF 2:1**

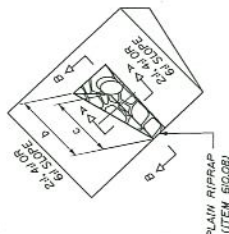
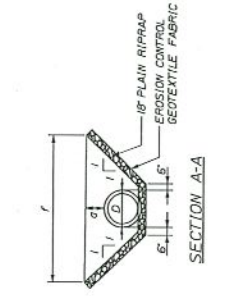
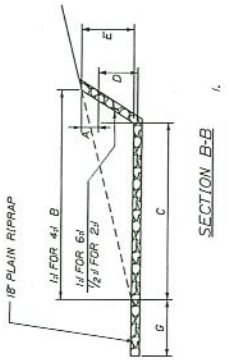
D	A	B	C	E	F	G	STONE
(FT)	(FT)	(FT)	(FT)	(FT)	(FT)	(FT)	DEPTH (CY)
12"	1.00	4.00	3.00	2.00	6.00	1.00	1.50
15"	1.00	4.50	3.37	2.25	6.75	1.63	1.70
18"	1.00	5.00	3.75	2.50	7.50	2.25	1.50
24"	1.00	6.00	4.50	3.00	9.00	3.50	3.02
30"	1.00	7.00	5.25	3.50	10.50	4.75	4.33

**DIMENSIONS FOR SLOPE OF 4:1**

D	A	B	C	E	F	G	STONE
(FT)	(FT)	(FT)	(FT)	(FT)	(FT)	(FT)	DEPTH (CY)
12"	1.00	8.00	6.00	2.00	6.00	0.00	1.50
15"	1.00	9.00	6.75	2.25	6.75	0.00	1.50
18"	1.00	10.00	7.50	2.50	7.50	0.00	1.50
24"	1.00	12.00	9.00	3.00	9.00	0.00	1.50
30"	1.00	14.00	10.50	3.50	10.50	0.00	1.50

**DIMENSIONS FOR SLOPE OF 6:1**

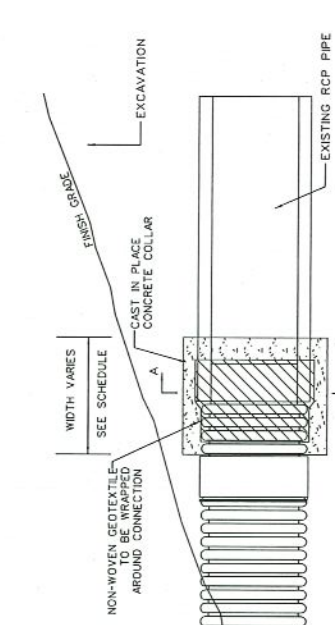
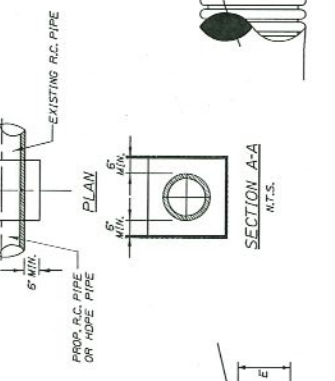
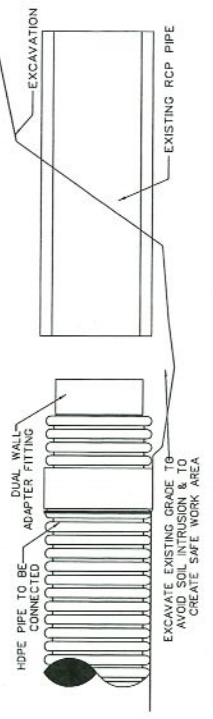
D	A	B	C	E	F	G	STONE
(FT)	(FT)	(FT)	(FT)	(FT)	(FT)	(FT)	DEPTH (CY)
12"	0.50	9.00	7.50	1.50	4.50	0.00	1.50
15"	0.50	10.50	8.75	1.75	5.50	0.00	1.50
18"	0.50	12.00	10.00	2.00	6.50	0.00	1.50
24"	0.50	15.00	12.50	2.50	8.00	0.00	1.50
30"	0.50	18.00	15.00	3.00	9.50	0.00	1.50



**NOTES:**

- 1. THE DIMENSIONS SHOWN ARE APPROXIMATE AND MAY BE MODIFIED BY THE RESIDENT.
- 2. STONE QUANTITIES ARE FOR ONE END OF THE PIPE.

ROADWAY CULVERT END SLOPE TREATMENT  
NT.5



PIPE DIA. (INCHES)	WIDTH OF CONC. (INCHES)
12	24
15	24
18	24
24	24
30	30
36	36
42	48
48	48

**NOTES:**

- 1. CONNECTION AND PIPE TO BE BACKFILLED PER ASTM D2321 (CRUSHED STONE).
- 2. CONCRETE SHALL BE CLASS A FIBER REINFORCED.
- 3. SEE CONCRETE COLLAR WIDTH SCHEDULE FOR DIMENSIONS.

Scale:

No.	Revision	By	Date

Designed by:			
CONSULTANT PROJECT MANAGER: T. Bryant			
By	Date	By	Date
ACC	5/2020	ECF	5/2020
ACC	5/2020	In Charge of	AG

VANASSE HANGEN BRUSTLIN, INC.  
500 Southborough Dr.  
Suite 105B  
South Portland, ME 04106  
TEL (207) 253-5500  
FAX (207) 253-5550



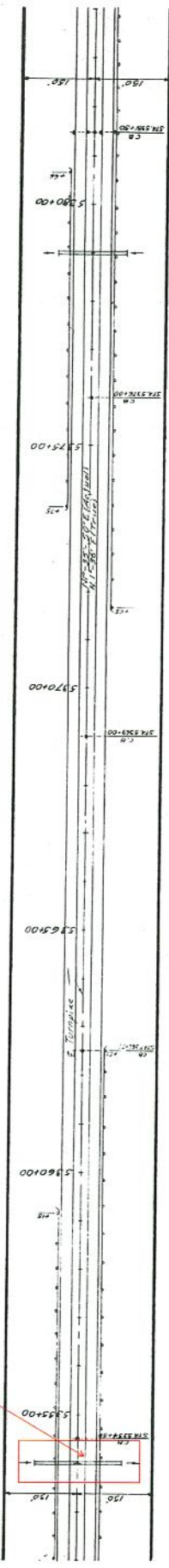
THE GOLD STAR MEMORIAL HIGHWAY

DRAINAGE DETAILS





Project Location - Main Turnpike TOLY Pipe End Repair and Stabilization



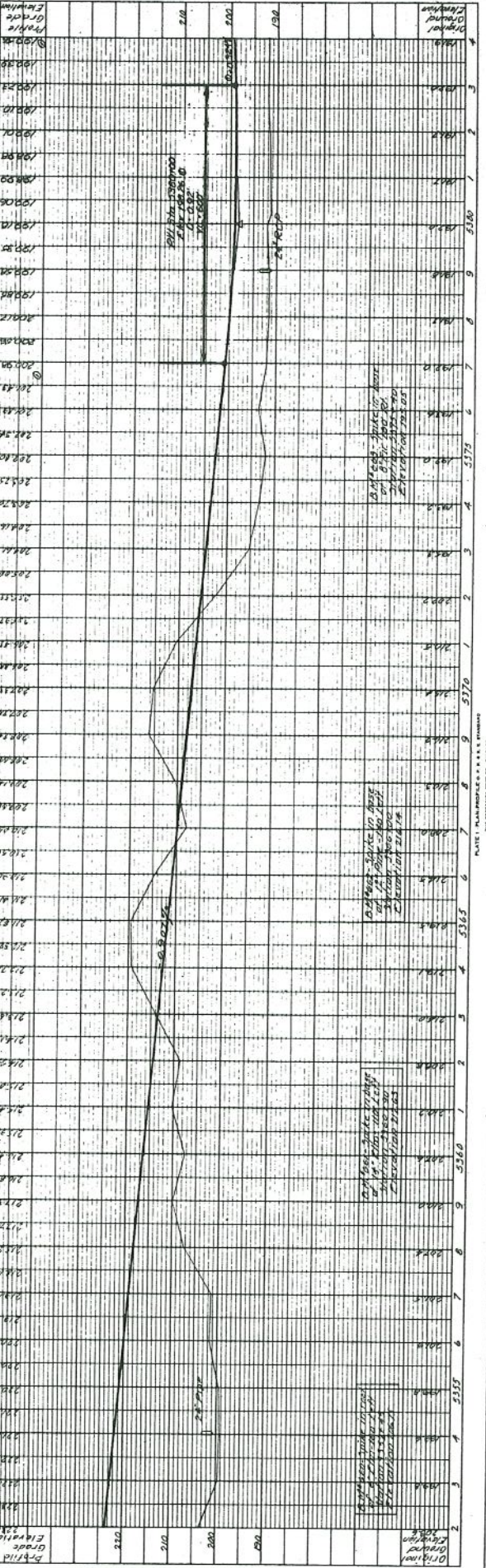
MAINE TURNPIKE AUTHORITY  
 MAINE TURNPIKE  
 SECTION 2 - PORTLAND TO AUGUSTA

STA. 5352+00 TO 5384+00  
 HOWARD NEEDLES TAMM & BERENSON  
 CONSULTING ENGINEERS  
 NEW YORK  
 KANSAS CITY  
 SHEET NO. 100 OF 200

24" Pipe - 140.0' Slope 0.14%  
 10' B.C.P. - 24" ACCMIP  
 Inv. in Elev. 193.0'  
 Inv. Out Elev. 193.0'

24" Pipe - 140.0' Slope 0.14%  
 10' B.C.P. - 24" ACCMIP  
 Inv. in Elev. 193.0'  
 Inv. Out Elev. 193.0'

No.	Date	Revision	Approved
1	10/15/03	Initial Design	
2	10/15/03	Final Design	
3	10/15/03	Grade Change	



Original Elevation  
 220  
 215  
 210  
 205  
 200  
 195  
 190

5355+00 5360+00 5365+00 5370+00 5375+00 5380+00 5385+00 5390+00 5395+00 5400+00 5405+00 5410+00 5415+00 5420+00 5425+00 5430+00 5435+00 5440+00 5445+00 5450+00 5455+00 5460+00 5465+00 5470+00 5475+00 5480+00 5485+00 5490+00 5495+00 5500+00 5505+00 5510+00 5515+00 5520+00 5525+00 5530+00 5535+00 5540+00 5545+00 5550+00 5555+00 5560+00 5565+00 5570+00 5575+00 5580+00 5585+00 5590+00 5595+00 5600+00

PLATE 1 - MAIN TURNPIKE - PORTLAND TO AUGUSTA  
 THE PRESENTED SHEET IS LEGAL

PLAN  
 LAYOUT  
 SHEET NO. 100 OF 200  
 HOWARD NEEDLES TAMM & BERENSON  
 CONSULTING ENGINEERS  
 NEW YORK  
 KANSAS CITY

PROFILE  
 ELEVATION  
 SHEET NO. 100 OF 200  
 HOWARD NEEDLES TAMM & BERENSON  
 CONSULTING ENGINEERS  
 NEW YORK  
 KANSAS CITY



