

A Pre-Bid Conference was held on April 7, 2014 at 10:00 AM at the Maine Turnpike Authority for this project. The sign-in sheet is attached. Questions during and after the pre-bid conference and corresponding responses are included.

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

The total number of pages included with this addendum sixteen (16).

All bidders are requested to acknowledge the receipt of the Addendum No. 1 by signing below and faxing this sheet to Nate Carll, Purchasing Department, (207) 871-7739. Bidders are also required to acknowledge receipt of this Addendum No. 1 on Page P-7 of the bid package.

Business Name

Print Name and Title

Signature

Date

April 11, 2014

Very truly yours,

MAINE TURNPIKE AUTHORITY

Purchasing Manager
Maine Turnpike Authority

QUESTIONS

The following are questions asked at the pre-bid meeting held on April 7, 2014 or submitted to the Maine Turnpike Authority in writing. Answers to the questions are noted. Bidders shall utilize this information in preparing their bid.

- Question 1: It is difficult to create a wetland plan without a USACE permit in hand.
Response: MTA is aware of the permit issue and will provide the permit as soon as it becomes available. The Corps is awaiting input by U.S. Fish & Wildlife.
- Question 2: Can the MTA supply temporary concrete barrier?
Response: MTA will supply 500 LF of temporary concrete barrier. Any additional temporary concrete barrier required shall be furnished by the Contractor.
- Question 3: In reference to sheet 16 of 52 note 2 and 7, will the authority consider either unit price items or payment by the labor and equipment items for the noted work activities? It is impossible for a contractor to determine quantities to develop accurate costs based on a prebid visual inspection for the work described in notes 2 and 7.
Response: Pay items have been added to cover this work.

**SCHEDULE OF BID PRICES
 CONTRACT NO. 2014.15
 Bridge and Culvert Repairs
 4 Locations (MM F1.7 to MM 84.3)**

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
202.202	REMOVING PAVEMENT SURFACE	Square Yard	500				
202.2021	REMOVING PAVEMENT SURFACE - BRIDGE DECK	Square Yard	2,215				
403.210	HOT MIX ASPHALT, 9.5 MM NOMINAL MAXIMUM SIZE	Ton	264				
409.15	BITUMINOUS TACK COAT, APPLIED	Gallon	137				
507.0928	ALUMINUM BRIDGE RAILING, RAIL SECTION REPLACEMENT	Linear Foot	66				
507.095	ALUMINUM BRIDGE RAILING - SPLICE MODIFICATION	Each	72				
508.141	HIGH PERFORMANCE WATERPROOFING MEMBRANE (FALMOUTH ROAD) (805 SY)	Lump Sum	1				
508.142	HIGH PERFORMANCE WATERPROOFING MEMBRANE (CENTER ROAD) (810 SY)	Lump Sum	1				
508.143	HIGH PERFORMANCE WATERPROOFING MEMBRANE (LISBON ROAD) (600 SY)	Lump Sum	1				
511.07	COFFERDAM	Lump Sum	1				
515.201	PIGMENTED PROTECTIVE COATING FOR CONCRETE SURFACES	Square Yard	1,250				
515.202	CLEAR PROTECTIVE COATING FOR CONCRETE SURFACES	Square Yard	1,370				
518.10	ABUTMENT REPAIRS	Square Foot	425				
518.15	CULVERT SURFACE PATCH REPAIR - ABOVE WATERLINE	Square Foot	200				

CARRIED FORWARD:

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
BROUGHT FORWARD:							
518.20	PIER REPAIRS	Square Foot	220				
518.39	GRANITE CURB JOINT MORTAR AND BEDDING MORTAR REPAIR	Linear Foot	80				
518.43	PARAPET JOINT REPAIRS	Linear Foot	525				
518.61	REPAIR OF VERTICAL SURFACES > 7.9 INCHES	Cubic Yard	3				
518.6317	EPOXY INJECTED CRACK REPAIRS	Linear Foot	105				
518.75	FASCIA AND OVERHANG REPAIRS	Square Foot	175				
518.80	PARTIAL DEPTH CONCRETE DECK REPAIRS	Square Foot	1,070				
518.81	FULL DEPTH CONCRETE DECK REPAIRS	Square Foot	110				
520.2211	EXPANSION DEVICE REPAIR (FALMOUTH ROAD)	Each	2				
520.2212	EXPANSION DEVICE REPAIR (CENTER ROAD)	Each	2				
520.2213	EXPANSION DEVICE REPAIR (LISBON ROAD)	Each	2				
526.306	TEMPORARY CONCRETE BARRIER, TYPE 1 - SUPPLIED BY THE AUTHORITY	Lump Sum	1				
527.341	WORK ZONE CRASH CUSHIONS - TL-3	Unit	3				
527.342	WORK ZONE CRASH CUSHIONS - TL-2	Unit	2				
603.91	PRESSURE TREATED WOOD DRAIN TROUGH	Linear Foot	279				
619.1202	TEMPORARY MULCH	Lump Sum	1				

CARRIED FORWARD:

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers		
				Dollars	Cents	Dollars	Cents	
BROUGHT FORWARD:								
627.712	4 INCH WHITE OR YELLOW PAVEMENT MARKING LINE	Linear Foot	2,995					
627.76	TEMPORARY PAVEMENT MARKING LINE, WHITE OR YELLOW	Lump Sum	1					
627.77	REMOVING EXISTING PAVEMENT MARKING	Square Foot	650					
629.05	HAND LABOR, STRAIGHT TIME	Hour	30					
643.72	TEMPORARY TRAFFIC SIGNAL	Lump Sum	1					
652.30	FLASHING ARROW BOARD	Each	4					
652.312	TYPE III BARRICADE	Each	4					
652.33	DRUM	Each	196					
652.34	CONE	Each	60					
652.35	CONSTRUCTION SIGNS	Square Foot	3,030					
652.361	MAINTENANCE OF TRAFFIC CONTROL DEVICES	Lump Sum	1					
652.38	FLAGGER	Hour	90					
652.412	PORTABLE-CHANGEABLE MESSAGE SIGN	Month	6					
652.45	TRUCK MOUNTED ATTENUATOR	Calendar Day	60		100	00	6000	00
656.632	30 INCH TEMPORARY SILT FENCE	Linear Foot	200					
656.64	BOOM SUPPORTED FLOATING SILT FENCE	Linear Foot	300					

CARRIED FORWARD:

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
BROUGHT FORWARD:							
659.10	MOBILIZATION	Lump Sum	1				
TOTAL:							

SPECIAL PROVISION

SECTION 518

STRUCTURAL CONCRETE REPAIR

(Granite Curb Joint Mortar and Bedding Mortar Repair)

518.01 Description

The following sentence is added:

This work shall consist of the removal and replacement of existing deteriorated granite curb joint mortar and granite curb bedding mortar as shown on the plans and as approved by the Resident.

Areas of existing deteriorated granite curb bedding mortar less than ½ inch in depth, will not be repaired under this pay item but shall be repaired as requested by the Resident using hand tools and equipment unit prices. Materials required shall be receipted costs plus 15%. Small tools, defined as those costing less than \$600, shall be incidental to the hand labor item.

518.03 Repair Materials is re-designated as Subsection 518.02 Repair Materials.

518.02 Repair Materials

The following sentence is added:

Mortar shall be an approved epoxy resin mortar or an approved polymer modified cementitious repair mortar.

The following Subsection is added:

518.032 Construction Requirements

After the existing wearing surface is removed, the Resident will designate areas where the existing granite curb joint mortar and the existing granite curb bedding mortar is to be repaired.

In areas designated for Granite Curb Joint Mortar Repair, the existing granite curb joint mortar shall be removed between curb sections to a minimum depth of 1 in. from the face of curb. Any loose mortar shall also be removed. The repair area shall be repointed with new mortar and tooled concave at the face of curb. The mortar shall be proportioned, mixed, and applied in accordance with the Manufacturer's recommendations.

In areas designated for Granite Curb Bedding Mortar Repair, the existing granite bedding mortar shall be removed under the curb to a minimum depth of 1 in. from the face of curb. Any

loose or deteriorated mortar shall also be removed. The mortar shall be replaced with new mortar and finished with a 45° bevel at the face of curb. The mortar shall be proportioned, mixed, and applied in accordance with the Manufacturer's recommendations.

518.10 Method of Measurement

The following sentence is added:

Granite Curb Joint Mortar and Bedding Mortar Repair will be measured for payment by the linear foot along the face of the curb, horizontally and vertically, complete and accepted.

518.11 Basis of Payment

The following sentence is added:

Granite Curb Joint Mortar and Bedding Mortar Repair will be paid for at the contract unit price per linear foot, which includes all materials, labor, equipment, and incidentals necessary to complete the work including removal of existing mortar.

Payment will be made under:

<u>Pay Item</u>		<u>Pay Unit</u>
518.39	Granite Curb Joint Mortar and Bedding Mortar Repair	Linear Foot

SPECIAL PROVISION

SECTION 518

STRUCTURAL CONCRETE REPAIR

(Parapet Joint Repair)

518.01 Description

The following sentence is added:

This work shall consist of the removal and replacement of existing deteriorated parapet joint sealant as approved by the Resident. The Contractor shall provide the Resident safe access to all the parapet joints for inspection before this work begins, including access to the fascia parapet joints.

518.03 Repair Materials is re-designated as Subsection 518.02 Repair Materials.

518.032 Construction Requirements

After the Resident has identified the joint repair locations, the Contractor shall remove the existing joint sealant to a minimum 3/8 inch depth, clean and prepare the concrete surfaces per sealant manufacturer recommendations, and replace the sealant to the edge of concrete with an approved polyurethane-based sealant such as Sikaflex-1a or other product on the MaineDOT approved products list as directed by the Resident.

518.10 Method of Measurement

The following sentence is added:

The quantity of Parapet Joint Repair will be measured by the linear foot where the repair occurs.

518.11 Basis of Payment

The following sentence is added:

Parapet Joint Repair will be paid for at the Contract unit price per linear, which includes all materials, labor, equipment, and incidentals necessary to complete the work including removal of existing joint sealant.

Pay Item

Pay Unit

518.43 Parapet Joint Repair

Linear Foot

SPECIAL PROVISION

SECTION 526

CONCRETE BARRIER

(Temporary Concrete Barrier Type I - Supplied by Authority)

526.01 Description

The following paragraphs are added:

This work shall consist of loading, transporting, setting, resetting, removing, transporting and stacking temporary concrete barrier Type I – supplied by Authority, and furnishing any additional temporary concrete barrier Type I deemed necessary, of a shape designated on the Plans. The barrier shall have attachments allowing individual sections to be connected into a continuous barrier.

The work also includes supplying connecting pins and furnishing and mounting retro-reflective delineators, per Subsection 526.03, on both Contractor-supplied and Authority-supplied temporary concrete barriers.

Concrete barriers supplied by Authority shall be available at the following location:

<u>Maintenance Area</u>	<u>Linear Feet of Barrier</u>
Crosby Maintenance Area Mile 46 Southbound	500

Upon substantial completion of work, the Contractor shall remove and transport the concrete barrier - supplied by Authority back to Crosby Maintenance Area.

526.02 Materials

The following paragraphs are added:

- e. Delineators shall be bi-directional with a minimum effective reflective area of eight square inches as approved by the Resident. The reflectors shall be methyl methacrylate and the housing of acrylonitrile butadiene styrene. Color shall be in accordance with the MUTCD.
- f. Connecting pins shall be a one inch diameter A36 steel hot rolled round rod that has a 4” long 180 degree bend at the top (“J” shaped). The rod shall be 2’-11” long pre-bend and 2’-7” long post bend.

526.021 Acceptance

The Resident shall have the authority to accept or reject any and all temporary concrete barrier Type I used on the Project.

526.03 Construction Requirements

The following paragraphs are added:

The Contractor shall notify the Resident prior to the scheduled pick-up and delivery of concrete barrier. No barrier shall be removed from or stacked at the Turnpike Maintenance Area without approval of the Resident.

The Contractor shall move and place barrier-utilizing methods that will not damage the barrier. Barrier that is damaged by the Contractor by failing to use proper methods shall be replaced by the Contractor at no additional cost to the Maine Turnpike Authority.

Concrete barrier supplied by the Authority consists of several different styles. Not all barriers may be compatible. The Contractor shall utilize caution when setting barrier to use identical barrier types as adjacent barrier. Non-compatible barrier that cannot be attached together shall be overlapped by a minimum of 10 feet with the blunt end on the non-traffic side of the barrier. This work will not be measured separately for payment, but shall be incidental to the concrete barrier.

Concrete barrier placed at roadway low points shall be shimmed on 1" by 2" by 2' long wood planks to allow drainage to pass under the barrier. In addition, the Resident may direct the Contractor to shim the concrete barrier at other locations to provide for proper roadway drainage. All labor, material, and equipment necessary to shim the barrier will not be measured separately for payment, but shall be incidental to the Concrete Barrier.

Pins connecting the barrier shall be set flush with the top of the barrier.

The removal of concrete barrier from adjacent to the travel lane may be conducted without a lane closure if it is accomplished in accordance with the following requirements:

- Barrier is removed from the trailing end and the workmen and equipment involved in the operation are always behind the barrier. No workmen or equipment shall enter the travel lane.
- Barrier shall be dragged away from the travel lane to at least a 30-degree angle by the use of a cable.
- Barrier shall be lifted no more than six inches while within 10 feet of the travel lane.

Retro-Reflective Delineators shall be mounted as follows:

- One on top of each barrier.
- One on the traffic side of every barrier used in a taper.
- One on the traffic side of every other barrier at regularly spaced intervals and locations.
- Delineators shall be installed on both sides of the barrier if barrier is used to separate opposing traffic.
- Delineators shall be physically adhered so as to withstand the force of throw from a snow plow.

- If more than 25% of delineators in any 50 foot section of barrier fall off for any reason, the Contractor will be responsible for reinstalling all the delineators in that run at that their own cost.
- Contractor is required to submit the installation method for review and approval to the Resident.

526.04 Method of Measurement

The following paragraphs are added:

Temporary Concrete Barrier Type I – Supplied by Authority shall be measured for payment by the lump sum.

The loading, transporting, setting, resetting, removing, transporting and stacking of the barrier, the furnishing, installation and maintenance of the barrier delineators, and furnishing and installing connector pins will not be measured separately for payment, but shall be incidental to the cost of the barrier. Temporary storage of Concrete Barrier between construction phases, if required, will not be measured separately for payment, but shall be incidental to the cost of the barrier.

All equipment required to load, unload, transport and stack Concrete Barrier shall be supplied by the Contractor.

Any Barrier lost or damaged by the Contractor shall be replaced by the Contractor at no additional cost to the Authority.

526.05 Basis of Payment

The fifth paragraph is deleted and not replaced.

The following paragraphs are added:

Temporary Concrete Barrier Type I – Supplied by Authority will be paid for at the Contract lump sum price, complete in place. Such payment shall be full compensation for loading, transporting, setting, resetting, temporary storage, removing, transporting and stacking at the area designated, furnishing all materials, and all other incidentals necessary to complete the work. Such payment shall also be full compensation for any additional temporary concrete barrier Type I deemed necessary to complete the work. Temporary Concrete Barrier Type I – Supplied by Authority and all connecting pins shall remain the property of the Authority, and shall be returned to the Turnpike Maintenance Area as designated in Subsection 526.01.

Payment of Concrete Barrier shall be based on a percentage of the work accomplished during that pay period.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
526.306 Temporary Concrete Barrier, Type I – Supplied by Authority	Lump Sum

Date: 4/11/2014

Filename: ... \BRIDGE\MSTA\002_Quantities.dgn

ITEM NO.	ITEM DESCRIPTION	UNIT	FALMOUTH RD. UNDERPASS (MILE F1.7)	CENTER RD. UNDERPASS (MILE 62.9)	NO-NAME RIVER CULVERT (MILE 82.5)	LISBON RD. UNDERPASS (MILE 84.3)	TOTAL QUANTITY
202.202	REMOVING PAVEMENT SURFACE	SY	200	160		140	500
202.2021	REMOVING PAVEMENT SURFACE - BRIDGE DECK	SY	805	810		600	2215
403.210	HOT MIX ASPHALT, 9.5 MM NOMINAL MAXIMUM SIZE	TON	119	82		63	264
409.15	BITUMINOUS TACK COAT, APPLIED	GAL	51	49		37	137
507.0928	ALUMINUM BRIDGE RAILING, RAIL SECTION REPLACEMENT	LF	28			38	66
507.095	ALUMINUM BRIDGE RAILING - SPLICE MODIFICATION	EA	20	32		20	72
508.141	HIGH PERFORMANCE WATERPROOFING MEMBRANE (FALMOUTH ROAD) (805 SY)	LS	1				1
508.142	HIGH PERFORMANCE WATERPROOFING MEMBRANE (CENTER ROAD) (810 SY)	LS		1			1
508.143	HIGH PERFORMANCE WATERPROOFING MEMBRANE (LISBON ROAD) (600 SY)	LS				1	1
511.07	COFFERDAM	LS			1		1
515.201	PIGMENTED PROTECTIVE COATING FOR CONCRETE SURFACES	SY	480	450		320	1250
515.202	CLEAR PROTECTIVE COATING FOR CONCRETE SURFACES	SY	440	500		430	1370
518.10	ABUTMENT REPAIRS	SF	115	125	170	15	425
518.15	CULVERT SURFACE PATCH REPAIR - ABOVE WATERLINE	SF			200		200
518.20	PIER REPAIRS	SF	85	95		40	220
518.39	GRANITE CURB JOINT MORTAR AND BEDDING MORTAR REPAIR	LF	25	30		25	80
518.43	PARAPET JOINT REPAIRS	LF	155	190		180	525
518.61	REPAIR OF VERTICAL SURFACES > 7.9 INCHES	CY			3		3
518.6317	EPOXY INJECTED CRACK REPAIRS	LF	20	55	30		105
518.75	FASCIA AND OVERHANG REPAIRS	SF	30	70	45	30	175
518.80	PARTIAL DEPTH CONCRETE DECK REPAIRS	SF	425	440		205	1070
518.81	FULL DEPTH CONCRETE DECK REPAIRS	SF	40	40		30	110
520.2211	EXPANSION DEVICE REPAIR (FALMOUTH ROAD)	EA	2				2
520.2212	EXPANSION DEVICE REPAIR (CENTER ROAD)	EA		2			2
520.2213	EXPANSION DEVICE REPAIR (LISBON ROAD)	EA				2	2
526.306	TEMPORARY CONCRETE BARRIER, TYPE 1 - SUPPLIED BY THE AUTHORITY	LS	0.58	0.42			1
527.341	WORK ZONE CRASH CUSHIONS - TL-3	UNIT	1	2			3
527.342	WORK ZONE CRASH CUSHIONS - TL-2	UNIT	2				2
603.91	PRESSURE TREATED WOOD DRAIN TROUGH	LF	100	119		60	279
619.1202	TEMPORARY MULCH	LS	0.25	0.25	0.25	0.25	1
627.712	4 INCH WHITE OR YELLOW PAVEMENT MARKING LINE	LF	1280	915		800	2995
627.76	TEMPORARY PAVEMENT MARKING LINE, WHITE OR YELLOW	LS	1				1
627.77	REMOVING EXISTING PAVEMENT MARKING	SF	650				650
629.05	HAND LABOR, STRAIGHT TIME	HR	10	10		10	30
643.72	TEMPORARY TRAFFIC SIGNAL	LS	1				1
652.30	FLASHING ARROW BOARD	EA	1	1	1	1	4
652.312	TYPE III BARRICADE	EA		2		2	4
652.33	DRUM	EA	50	55	50	41	196
652.34	CONE	EA	20	20		20	60
652.35	CONSTRUCTION SIGNS	SF	650	970	370	1040	3030
652.361	MAINTENANCE OF TRAFFIC CONTROL DEVICES	LS	0.40	0.31	0.08	0.21	1
652.38	FLAGGER	HR	90				90
652.412	PORTABLE-CHANGEABLE MESSAGE SIGN	MO	2	2		2	6
652.45	TRUCK MOUNTED ATTENUATOR	CD	20	20		20	60
656.632	30 INCH TEMPORARY SILT FENCE	LF	50	50	50	50	200
656.64	BOOM SUPPORTED FLOATING SILT FENCE	LF			300		300
659.10	MOBILIZATION	LS			1		1

Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by:

TY-LIN INTERNATIONAL

CONSULTANT PROJECT MANAGER: Norman L. Baker

	By	Date		By	Date
Designed	DSM	3/14	Checked	CPT	3/14
Drawn	DSM	3/14	In Charge of	NLB	3/14

T.Y. Lin International
 12 Northbrook Drive
 Building A, Suite One
 Falmouth, Maine 04105
 TEL: (207) 781-4721
 FAX: (207) 781-4753



THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: Ralph C. Norwood IV

BRIDGE AND CULVERT REPAIRS
 4 LOCATIONS (MILE F1.7 TO MILE 84.3)

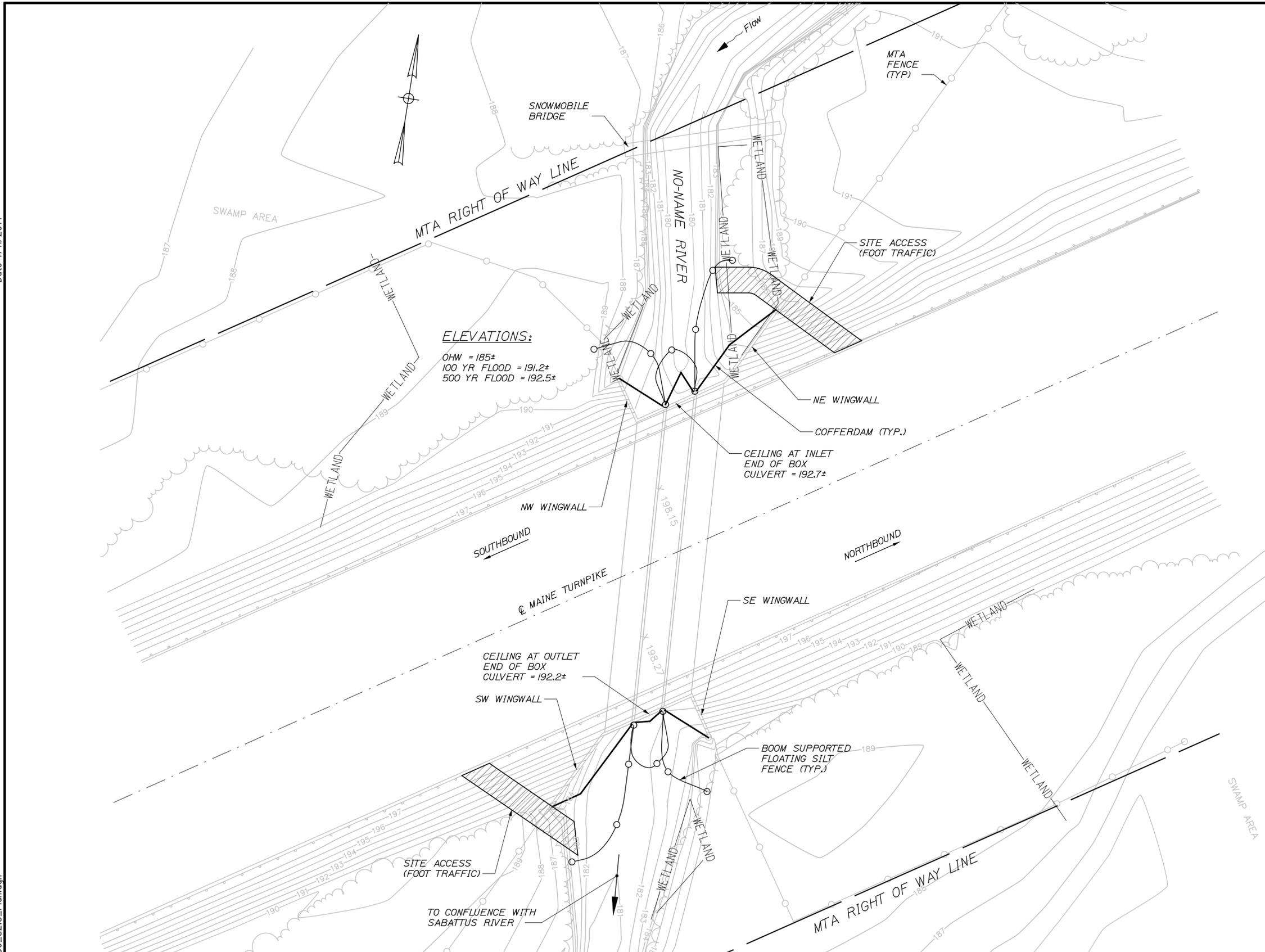
QUANTITIES

SHEET NUMBER: QT-01
 2 OF 52

CONTRACT: 2014.15

Date: 4/11/2014

Filename: ...BRIDGE\MSTAV030_82.5_Plan.dgn



ELEVATIONS:

OHW = 185±
 100 YR FLOOD = 191.2±
 500 YR FLOOD = 192.5±

CEILING AT INLET
 END OF BOX
 CULVERT = 192.7±

CEILING AT OUTLET
 END OF BOX
 CULVERT = 192.2±

NOTES:

1. EROSION AND SEDIMENT CONTROL DEVICES REQUIRED FOR THE CONTRACTOR'S ACCESS LOCATIONS AND STORAGE AREAS WILL NOT BE MEASURED FOR PAYMENT.
2. SITE ACCESS IS SOLELY FOR FOOT TRAFFIC AND WILL BE STABILIZED AT THE COMPLETION OF THE PROJECT. COSTS SHALL BE INCIDENTAL TO THE CONTRACT.
3. CONTRACT LIMIT OF DISTURBANCE FOR NO-NAME RIVER CULVERT IS 0.02 ACRES. CONTRACT LIMIT OF DISTURBANCE AREA FOR ACCESS AND STORAGE FOR NO-NAME RIVER CULVERT IS 0.02 ACRES.
4. SEE SPECIFICATIONS FOR CONTRACTOR'S SUBMITTAL REQUIREMENTS IF INCREASING THE LIMITS OF DISTURBANCE ABOVE THE PROJECT ESTIMATED QUANTITIES.
5. WETLANDS SHOWN ARE CONSIDERED TO BE "WETLANDS OF SPECIAL SIGNIFICANCE".
6. CLOSING OF THE BARRELS SHALL BE DONE IN STAGES TO ALLOW FOR FISH PASSAGE. AT NO TIME WILL TWO BARRELS BE CLOSED AT THE SAME TIME.
7. ALL WORK SHALL ADHERE TO THE LATEST REVISION OF THE MAINE DOT BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL AND THE CONTRACT SPECIFICATIONS.
8. REMOVE ALL TEMPORARY WATER DIVERSION STRUCTURES AND TURBIDITY CONTROLS FROM THE CULVERT AND WATER COURSE ONCE ALL CONCRETE REPAIRS ARE COMPLETE.
9. ANY PROPOSED CLEARING SHALL BE APPROVED BY THE RESIDENT PRIOR TO THE START OF WORK.
10. THE WORK SHALL BE CONDUCTED TO MINIMIZE IMPACTS AND DISTURBANCE TO WETLANDS AND THE WATER COURSE. TEMPORARY BOOM-SUPPORTED SILT FENCE SHALL BE INSTALLED TO ENSURE FLOW IS MAINTAINED AT ALL TIMES AS WORK IS ALTERNATED FROM BARREL TO BARREL.
11. ALL RECONSTRUCTED TURNPIKE SIDE SLOPES SHALL RECEIVE FOUR INCHES OF LOAM AND SHALL BE SEEDDED WITH SEEDING METHOD 2 IN ACCORDANCE WITH STANDARD SPECIFICATIONS 615 AND 618.
12. ANY REFUELING OF EQUIPMENT NECESSARY TO COMPLETE THIS WORK SHALL BE DONE AT ROADWAY LEVEL AWAY FROM THE RIVER.

Scale: 10 0 10 20

No.	Revision	By	Date

Designed by:

TYLIN INTERNATIONAL

CONSULTANT PROJECT MANAGER: Norman L. Baker

	By	Date		By	Date
Designed	DSM	3/14	Checked	SBK	3/14
Drawn	JD	3/14	In Charge of	NLB	3/14

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**THE GOLD STAR
 MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph C. Norwood IV

BRIDGE AND CULVERT REPAIRS
 4 LOCATIONS (MILE F1.7 TO MILE 84.3)
 NO-NAME RIVER CULVERT - MILE 82.5
 GENERAL SITE PLAN

SHEET NUMBER: S-15
 CONTRACT: 2014.15
 30 OF 52