

**MAINE TURNPIKE AUTHORITY**

**ADDENDUM NO. 1**

**CONTRACT 2014.13**

**BRIDGE REHABILITATION**

**Bridge #28 and Bridge #31**

**Mile 55.5 to Mile 56.6**

**The following changes are made to the bid documents.**

**PROPOSAL**

Proposal Sheets P-3 thru P-6 are deleted and replaced with P-3 thru P-6 (Revised 7/14/14) attached hereto. The revised bid table includes the following changes:

Add	524.41	Protective Shielding of Gas Line	1 LS
-----	--------	----------------------------------	------

**SPECIFICATIONS**

**On Page SP-6, 104.4.6 Utility Coordination, replace the second to last paragraph with:**

Unitil has plans to relocate the gas line from under the bridge to immediately south of the southern abutment. The pits for jacking are expected to be well outside the work zone. However, access to the pit on the western side will be directly off the Turnpike southbound roadway, approximately 400' south of Bridge #28. The Contractor shall coordinate with Unitil regarding any outstanding utility work.

The Contractor is responsible for understanding, following and abiding by the obligations and limitations outlined in these specifications throughout the Project. During construction the Contractor shall complete the work in a manner that does not disturb, damage, place loads on, or otherwise disrupt the gas line or any surrounding existing sand bags or soil. The Contractor shall note that the gas line is protected by an external coating that serves as a cathodic protection system. This system will not function properly if the coating is scratched or marred. Any damage to the gas line or the cathodic protection system resulting from the Contractor's operations shall be repaired to the satisfaction of Unitil at no additional cost to the Maine Turnpike Authority or Unitil.

The Contractor is responsible for meeting the following requirements agreed to by Unitil and the Maine Turnpike Authority:

**Dig Safe & Maintaining Utility Markings**

The location of the gas line shown on the plans is approximate. The Contractor shall coordinate with Unutil to have the centerline of the gas distribution line field located prior to commencing the work.

### Pre-Construction Meeting

A Preconstruction Utility Conference, as defined in Subsection 104.4.6 of the Standard Specifications, is required.

### Construction Requirements

1. Primary Contact – The Contractor will be required to work with representatives from Unutil throughout the project. Initially all communications with Unutil should be channeled through the Resident until primary contacts are established.
2. Land-Based Equipment – Land-based equipment, such as trucks, skid-steers, and excavators, will not be permitted to work on, over or within ten feet of the gas pipeline.
3. Water-Based Equipment – Water-based equipment, including barges, skiffs and floats, may be permitted to operate in the river provided the following requirements are met:
  - Any equipment used in the water, and within ten feet of the gas line, shall not encroach within the clearance envelop shown in the “Gas Line Clearance Envelope” provided in Special Provision 524, “Protective Shielding of Gas Line”. Clearance shall be measured from the top of the gas line, river bed or existing sandbags to the nearest point on the proposed equipment. Consideration shall be given to how the clearance will change when the equipment is fully loaded with materials, equipment and crew.
  - The equipment shall be sized such that it is reasonably stable and will not tip, roll or list significantly during construction.
  - If water-based equipment is proposed the Contractor shall submit his proposed means of access to the Resident for review and approval prior to starting the work.
4. Work above or adjacent to the gas line – Whenever work is occurring over, or within ten feet horizontally of the gas line, the Contractor shall shield the gas line from materials or equipment that may fall from the work area. All shielding shall be in accordance with Special Provision 524 “Protective Shielding of Gas Line”.
5. Excavation – No excavation, regardless of the excavation method, will be permitted to occur within five feet of the gas transmission line without the prior approval of the Resident and Unutil.

6. Construction Supervision – Unitil will arrange for personnel to be present at appropriate times to oversee any work occurring near the gas pipeline. The Contractor shall coordinate all proposed work activities at Bridge #28 with Unitil at least five working days in advance of all planned work activities.

**On Page SP-8, 105.2.4.2 Lead Paint, replace the Second bullet with:**

- Inspections (including frequency and checklist):
  - Inspections shall be performed each day the Contractor works
  - Inspection checklist shall be similar to MaineDEP format (Refer to Appendix A1 of MaineDEP Handbook for Hazardous Waste Generators – June 2008)

**On Page SP-15, 107.1 Contract Time and Contract Completion Date, replace the first sentence with:**

Work shall begin on September 8, 2014 and all work shall be completed on or before October 15, 2015.

**On Page SP-16, Section 107.4.7, Limitations of Operations, the following paragraph is added at the end of the section:**

At Piscataqua River, Structure #28, Unitil has plans to relocate the gas line from under the bridge to immediately south of the southern abutment. In the event the existing gas line has not been deactivated prior to work, the Contractor will be required to complete the work and protect Unitil natural gas distribution line in accordance with Special Provision 104.4.6 “Utility Coordination”, and Special Provision 524 “Protective Shielding of Gas Line”.

The Contractor shall exercise extreme care when working over and around Unitil facilities. The Contractor shall also hold a safety meeting with all construction staff to review the contract requirements regarding work over and around Unitil line and the potential hazards associated with damaging this facility. See Special Provision 104.4.6 for additional information.

**On Page SP-99, insert the following:**

SPECIAL PROVISION

SECTION 524

TEMPORARY STRUCTURAL SUPPORTS

(Protective Shielding of Gas Line)

524.01 Description

The following paragraph is added:

This work shall also consist of furnishing all labor, equipment and materials required to provide shielding over Unitil natural gas line located within the riverbed at Piscataqua River, Bridge #28. The protective shielding shall be in place whenever work is occurring over, or within ten feet horizontally of the gas line. Once positioned the shielding shall be secured in place using anchors, tie-offs, or other suitable means.

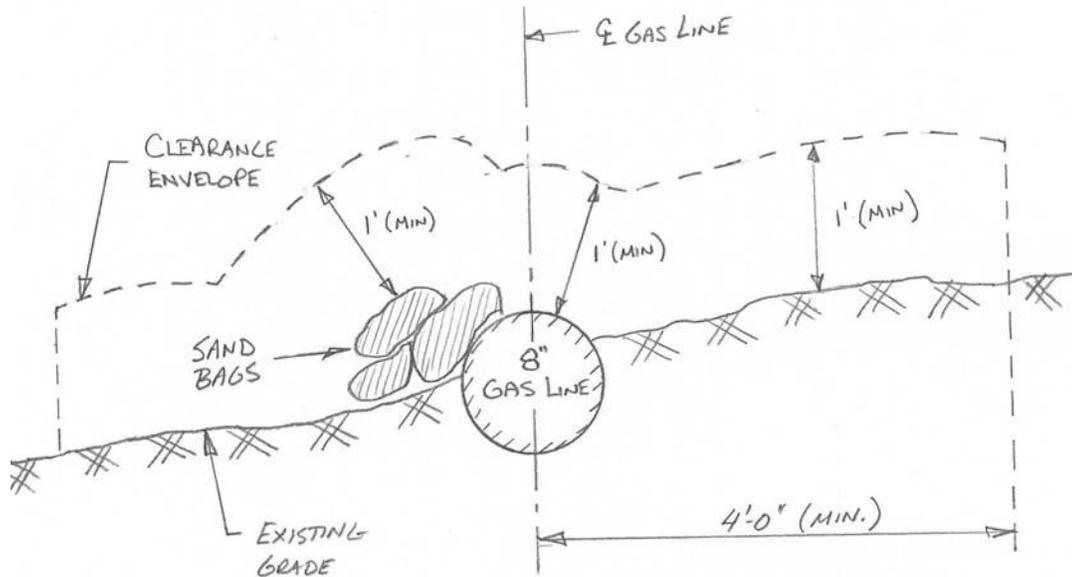
The following Subsections are added:

524.031 Protective Shielding Design

Prior to the start of work, the Contractor shall submit plans for review and approval indicating the sizes and dimensions of the proposed protective shielding. The shielding design shall be stamped by a professional engineer licensed in the State of Maine.

The Contractor's proposed means for shielding the gas line shall be designed and detailed to satisfy the following criteria:

1. The proposed system may consist of floating rafts, pontoons, netting or other devices approved by the Engineer.
2. No portion of the proposed shielding shall encroach into to the clearance envelope shown in the "Gas Line Clearance Envelope Detail" below. No sandbags shall be added over the gas line.
3. The system shall be sized such that it is stable in a loaded and unloaded condition. The system shall not tip, roll or list significantly under load.
4. The proposed shielding shall be capable of protecting the gas line from any materials, tools or equipment that may fall from the work area.
5. The system shall measure at least 8' wide and extend 10' minimum beyond limits of work for active phase.
6. The system shall be capable of safely supporting its own weight plus all construction and dead loads. The system shall also be capable of supporting a 1,000 pound vertical (downward) point load applied anywhere on the system.
7. If the proposed shielding system is intended to float on the surface of the water its design shall consider how the system will perform when the water depth is shallow, or where the stream bed is exposed.



GAS LINE CLEARANCE ENVELOPE  
N.T.S.

524.041 Protective Shielding Erection and Removal

Shielding shall be approved and installed prior to the start of any work over the channel and shall remain in position at all times until work is being completed.

524.28 Method of Measurement

The following paragraph is added:

Protective Shielding of the Gas Line will be measured as one lump sum.

524.29 Basis of Payment

The following paragraphs are added:

Protective Shield will be paid for at the Contract Lump Sum price. Payment shall be considered full compensation for all design, materials, transportation, labor (to install, anchor, relocate, stack, and reposition and re-anchor as needed), tools and equipment necessary to perform the work as described above, or as approved by the Resident.

Payment will be made under:

Pay Item

Pay Unit

524.41 Protective Shielding of Gas Line

Lump Sum

**On Page SP-114, Guardrail – Guardrail Beam, Section 606.02, Materials, replace the last sentence with:**

Delineators shall be fabricated from aluminum.

A Pre-Bid Conference was held on July 8, 2014 at 10:00 AM at the Maine Turnpike Authority for this project. The attached 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 is seven (7) plus two (2) plan sheets.

All bidders are requested to acknowledge the receipt of the Addendum No. 1 by signing below and faxing this sheet to Nathaniel 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

July 14, 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 July 8, 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: Are daytime closures allowed for paving?

Response: Yes, per Special Provision 652 Table A.

Question 2: Will there be a cost escalation for asphalt?

Response: No, quantity is less than threshold given in Special Provision 108.4.1.

Question 3: Will there be an item for remove & dispose guardrail?

Response: No there will not be an item for remove and dispose guardrail. Any necessary disposal of damaged guardrail should be covered under the Remove, Modify, and Reset item. Anything the resident determines is salvageable should be covered under the Guardrail – Removed and Stacked, or similar items.

Question 4: There are no details for item# 606.1721 (Bridge Trans Type 1) - is the transition section asymmetrical or standard and what are the post length?

Response: This is the unmodified transition per MaineDOT Standard Detail 606(25-27).

Question 5: What is the post length on Item 606.1729?

Response: See MaineDOT Standard Detail 606(25-27).

Question 6: There are no details for item#: 606.701 (Thrie Beam Trans Double Rail Modified).

Response: This shall be the same as the Thrie Beam Transition Section shown in MaineDOT Standard Detail 606(25), except that it shall be double faced and shall include all posts, offset blocks, and all hardware necessary for installation.

Question 7: Will the Turnpike be using plastic beam reflectors or galvanized steel on this project?

Response: The guardrail beam reflectors shall be aluminum per SP 606.02 of Addendum 1.

Question 8: There are two sets of wage rates included in the bid book. Typically on this type of work the highway wages prevail? Which wages should apply to the work?

Response: It shall be the responsibility of the Contractor to be sure they comply with the DOL rates.

Question 9: Item #: 606.64 & 606.65 – What is the post length for these two items? Standard Post length is 6'6".

Response: 6-6" is correct.

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
<b>BROUGHT FORWARD:</b>							
503.12	REINFORCING STEEL, FABRICATED AND DELIVERED	Pound	33,600				
503.13	REINFORCING STEEL, PLACING	Pound	33,600				
503.14	EPOXY-COATED REINFORCING STEEL, FABRICATED AND DELIVERED	Pound	17,400				
503.15	EPOXY-COATED REINFORCING STEEL, PLACING	Pound	17,400				
503.17	MECHANICAL/WELDED SPLICE	Each	176				
507.0911	ALUMINUM BRIDGE RAILING, 1 BAR (BRIDGE 28)	Lump Sum	1				
507.0912	ALUMINUM BRIDGE RAILING, 1 BAR (BRIDGE 31)	Lump Sum	1				
508.14	HIGH PERFORMANCE WATERPROOFING MEMBRANE	Lump Sum	1				
511.091	TEMPORARY EARTH SUPPORT SYSTEMS	Lump Sum	1				
514.06	CURING BOX FOR CONCRETE CYLINDER	Each	2				
515.202	CLEAR PROTECTIVE COATING FOR CONCRETE SURFACES	Square Yard	1,220				
518.10	ABUTMENT REPAIRS	Square Foot	168				
518.41	EPOXY INJECTION CRACK REPAIR - ABOVE WATERLINE	Linear Foot	8				
523.521	BEARING REMOVAL	Each	48				
524.40	PROTECTIVE SHIELDING - STEEL GIRDERS	Square Yard	900				
524.41	PROTECTIVE SHIELDING OF GAS LINE	Lump Sum	1				

**CARRIED FORWARD:**

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
<b>BROUGHT FORWARD:</b>							
526.306	TEMPORARY CONCRETE BARRIER, TYPE I - SUPPLIED BY AUTHORITY	Lump Sum	1				
526.312	PERMANENT CONCRETE BARRIER, TYPE I - SUPPLIED BY AUTHORITY	Linear Foot	50				
526.342	PERMANENT CONCRETE BARRIER, TYPE I TRANSITION	Each	4				
527.341	WORK ZONE CRASH CUSHIONS - TL-3	Unit	4				
535.601	PRESTRESSED STRUCTURAL CONCRETE SLAB (BRIDGE 28)	Lump Sum	1				
535.602	PRESTRESSED STRUCTURAL CONCRETE SLAB (BRIDGE 31)	Lump Sum	1				
606.1721	BRIDGE TRANSITION - TYPE I	Each	8				
606.1729	BRIDGE TRANSITION - TYPE I (MODIFIED)	Each	4				
606.178	GUARDRAIL BEAM	Linear Foot	150				
606.2652	TERMINAL END - REMOVE AND STACK	Each	4				
606.278	TERMINAL END - ANCHORED END	Each	6				
606.35	GUARDRAIL DELINEATOR POST	Each	14				
606.3605	GUARDRAIL - REMOVE, MODIFY, AND RESET - SINGLE RAIL	Linear Foot	125				
606.3621	GUARDRAIL ADJUST, SINGLE RAIL	Linear Foot	1,400				
606.369	GUARDRAIL - REMOVE AND STACK	Linear Foot	190				
606.471	SINGLE OFFSET BLOCK - W-BEAM	Each	20				

**CARRIED FORWARD:**

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
<b>BROUGHT FORWARD:</b>							
606.48	SINGLE GALVANIZED STEEL POST	Each	20				
606.64	GUARDRAIL THRIE BEAM - DOUBLE RAIL	Linear Foot	2,950				
606.65	GUARDRAIL THRIE BEAM - SINGLE RAIL	Linear Foot	300				
606.66	TERMINAL END THRIE BEAM	Each	2				
606.701	THRIE BEAM TRANSITION - DOUBLE RAIL - MODIFIED	Each	4				
606.754	WIDEN SHOULDER FOR GUARDRAIL 350 FLARED TERMINAL	Each	4				
606.80	GUARDRAIL 350 FLEAT TERMINAL	Each	4				
609.15	SLOPED CURB TYPE 1	Linear Foot	198				
615.07	LOAM	Cubic Yard	14				
618.1401	SEEDING METHOD NUMBER 2, PLAN QUANTITY	Unit	2				
619.1201	MULCH, PLAN QUANTITY	Unit	2				
627.681	TEMPORARY 6" PAVEMENT MARKING LINE, WHITE OR YELLOW	Linear Foot	29,500				
627.712	WHITE OR YELLOW PAVEMENT MARKING LINE	Linear Foot	13,600				
627.713	BROKEN WHITE PAVEMENT MARKING LINE	Linear Foot	6,850				
627.77	REMOVING EXISTING PAVEMENT MARKING	Square Foot	19,250				
629.05	HAND LABOR, STRAIGHT TIME	Hour	20				

**CARRIED FORWARD:**

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
<b>BROUGHT FORWARD:</b>							
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	Hour	20				
631.17	TRUCK - LARGE (INCLUDING OPERATOR)	Hour	20				
644.10	GLARE SCREEN - SUPPLIED BY AUTHORITY	Linear Foot	3,300				
645.109	REMOVE AND RESET SIGN	Each	2				
652.30	FLASHING ARROW BOARD	Each	2				
652.33	DRUM	Each	140				
652.333	DRUM - SUPPLIED BY AUTHORITY	Each	120				
652.35	CONSTRUCTION SIGNS	Square Foot	800				
652.351	CONSTRUCTION SIGNS - SUPPLIED BY AUTHORITY	Square Foot	900				
652.361	MAINTENANCE OF TRAFFIC CONTROL DEVICES	Lump Sum	1				
652.41	PORTABLE - CHANGEABLE MESSAGE SIGN	Each	2				
652.45	TRUCK MOUNTED ATTENUATOR	Calen. Day	20	10000		2,000	00
656.632	30 INCH TEMPORARY SILT FENCE	Linear Foot	440				
659.10	MOBILIZATION	Lump Sum	1				
<b>TOTAL:</b>							

Date: 7/14/2014

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

ITEM NO.	ITEM DESCRIPTION	UNIT	BRIDGE 28 QUANTITY	BRIDGE 31 QUANTITY	TOTAL QUANTITY
202.10	REMOVING EXISTING SUPERSTRUCTURE - PROPERTY OF CONTRACTOR	LS	0.6	0.4	1
202.12	REMOVING EXISTING STRUCTURAL CONCRETE	CY	52	35	87
202.202	PAVEMENT BUTT JOINT	SY	660	560	1220
206.082	STRUCTURAL EARTH EXCAVATION - MAJOR STRUCTURES, PLAN QUANTITY	CY	310	280	590
403.208	HOT MIX ASPHALT - 12.5 mm NOMINAL MAXIMUM SIZE, SURFACE	TON	187	161	348
403.213	HOT MIX ASPHALT - 12.5 mm NOMINAL MAXIMUM SIZE, BASE	TON	23	20	43
409.15	BITUMINOUS TACK COAT, APPLIED	GAL	53	46	99
419.30	SAWING BITUMINOUS PAVEMENT	LF	230	230	460
470.08	BERM DROP OFF CORRECTION - GRINDINGS	TON	30	37	67
502.210	STRUCTURAL CONCRETE, ABUTMENTS AND RETAINING WALLS	CY	70	50	120
502.264	STRUCTURAL CONCRETE, PARAPETS	LS	0.6	0.4	1
502.445	STRUCTURAL CONC WEARING SURFACE ON BRIDGES - SYNTHETIC FIBER REINF	CY	44	31	75
502.45	STRUCTURAL CONCRETE APPROACH SLAB	CY	150	145	295
502.64	BRIDGE TRENCH DRAIN	EA	1	1	2
503.12	REINFORCING STEEL, FABRICATED AND DELIVERED	LB	17100	16500	33600
503.13	REINFORCING STEEL, PLACING	LB	17100	16500	33600
503.14	EPOXY-COATED REINFORCING STEEL, FABRICATED AND DELIVERED	LB	9500	7900	17400
503.15	EPOXY-COATED REINFORCING STEEL, PLACING	LB	9500	7900	17400
503.17	MECHANICAL/WELDED SPLICE	EA	88	88	176
507.0911	ALUMINUM BRIDGE RAILING, 1 BAR (BRIDGE 28)	LS	1	0	1
507.0912	ALUMINUM BRIDGE RAILING, 1 BAR (BRIDGE 31)	LS	0	1	1
508.14	HIGH PERFORMANCE WATERPROOFING MEMBRANE	LS	0.5	0.5	1
511.091	TEMPORARY EARTH SUPPORT SYSTEMS	LS	0.5	0.5	1
514.06	CURING BOX FOR CONCRETE CYLINDER	EA	1	1	2
515.202	CLEAR PROTECTIVE COATING FOR CONCRETE SURFACES	SY	550	670	1220
518.10	ABUTMENT REPAIRS	SF	55	113	168
518.41	EPOXY INJECTION CRACK REPAIR - ABOVE WATERLINE	LF	0	8	8
523.521	BEARING REMOVAL	EA	24	24	48
524.40	PROTECTIVE SHIELDING - STEEL GIRDERS	SY	500	400	900
524.41	PROTECTIVE SHIELDING OF GAS LINE	LS	1	0	1
526.306	TEMPORARY CONCRETE BARRIER, TYPE I - SUPPLIED BY AUTHORITY	LS	0.5	0.5	1
526.312	PERMANENT CONCRETE BARRIER, TYPE I - SUPPLIED BY AUTHORITY	LF	30	20	50
526.342	PERMANENT CONCRETE BARRIER, TYPE I TRANSITION	EA	2	2	4
527.341	WORK ZONE CRASH CUSHIONS - TL-3	UNIT	2	2	4
535.601	PRESTRESSED STRUCTURAL CONCRETE SLAB (BRIDGE 28)	LS	1	0	1
535.602	PRESTRESSED STRUCTURAL CONCRETE SLAB (BRIDGE 31)	LS	0	1	1
606.1721	BRIDGE TRANSITION - TYPE I	EA	4	4	8
606.1729	BRIDGE TRANSITION - TYPE I (MODIFIED)	EA	2	2	4
606.178	GUARDRAIL BEAM	LF	75	75	150
606.2652	TERMINAL END - REMOVE AND STACK	EA	2	2	4
606.278	TERMINAL END - ANCHORED END	EA	2	4	6
606.35	GUARDRAIL DELINEATOR POST	EA	6	8	14
606.3605	GUARDRAIL - REMOVE, MODIFY, AND RESET - SINGLE RAIL	LF	75	50	125
606.3621	GUARDRAIL ADJUST, SINGLE RAIL	LF	650	750	1400
606.369	GUARDRAIL - REMOVE AND STACK	LF	110	80	190
606.471	SINGLE OFFSET BLOCK - W-BEAM	EA	11	9	20
606.48	SINGLE GALVANIZED STEEL POST	EA	11	9	20
606.64	GUARDRAIL THRIE BEAM - DOUBLE RAIL	LF	1850	1100	2950
606.65	GUARDRAIL THRIE BEAM - SINGLE RAIL	LF	0	300	300
606.66	TERMINAL END THRIE BEAM	EA	0	2	2
606.701	THRIE BEAM TRANSITION - DOUBLE RAIL - MODIFIED	EA	2	2	4
606.754	WIDEN SHOULDER FOR GUARDRAIL 350 FLARED TERMINAL	EA	2	2	4
606.80	GUARDRAIL 350 FLEAT TERMINAL	EA	2	2	4
609.15	SLOPED CURB TYPE 1	LF	110	88	198

ITEM NO.	ITEM DESCRIPTION	UNIT	BRIDGE 28 QUANTITY	BRIDGE 31 QUANTITY	TOTAL QUANTITY
615.07	LOAM	CY	7	7	14
618.1401	SEEDING METHOD NUMBER 2, PLAN QUANTITY	UNIT	1	1	2
619.1201	MULCH, PLAN QUANTITY	UNIT	1	1	2
627.681	TEMPORARY 6" PAVEMENT MARKING LINE, WHITE OR YELLOW	LF	16250	13250	29500
627.712	WHITE OR YELLOW PAVEMENT MARKING LINE	LF	7350	6250	13600
627.713	BROKEN WHITE PAVEMENT MARKING LINE	LF	3700	3150	6850
627.77	REMOVING EXISTING PAVEMENT MARKING	SF	10400	8850	19250
629.05	HAND LABOR, STRAIGHT TIME	HR	10	10	20
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	HR	10	10	20
631.17	TRUCK - LARGE (INCLUDING OPERATOR)	HR	10	10	20
644.10	GLARE SCREEN - SUPPLIED BY AUTHORITY	LF	1850	1450	3300
645.109	REMOVE AND RESET SIGN	EA	1	1	2
652.30	FLASHING ARROW BOARD	EA	1	1	2
652.33	DRUM	EA	70	70	140
652.333	DRUM - SUPPLIED BY AUTHORITY	EA	60	60	120
652.35	CONSTRUCTION SIGNS	SF	0	800	800
652.351	CONSTRUCTION SIGNS - SUPPLIED BY AUTHORITY	SF	450	450	900
652.361	MAINTENANCE OF TRAFFIC CONTROL DEVICES	LS	0.5	0.5	1
652.41	PORTABLE - CHANGEABLE MESSAGE SIGN	EA	1	1	2
652.45	TRUCK MOUNTED ATTENUATOR	CD	10	10	20
656.632	30 INCH TEMPORARY SILT FENCE	LF	220	220	440
659.10	MOBILIZATION	LS	0.5	0.5	1

Scale:			
No.	Revision	By	Date
1	Add Item 524.41	CPT	07/14

Designed by:			
<b>TYLIN INTERNATIONAL</b>			
CONSULTANT PROJECT MANAGER: Chris Taylor			
By	Date	By	Date
Designed	CPT 06/2014	Checked	TJP 06/2014
Drawn	TJP 06/2014	In Charge of	CPT 06/2014

**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 NORWOOD

**BRIDGE REHABILITATION  
PISCATAQUA RIVER BRIDGES**

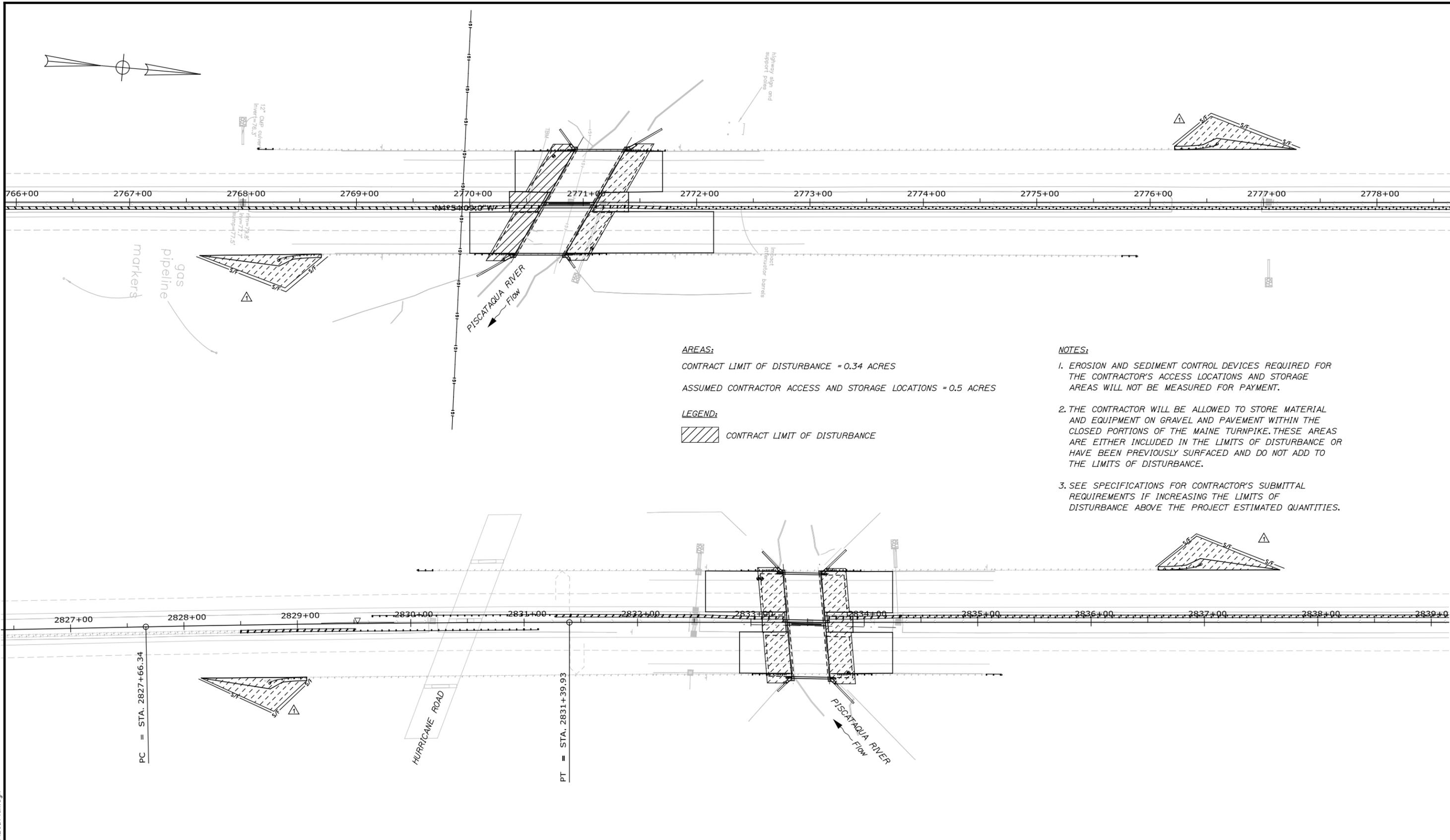
**QUANTITIES**

SHEET NUMBER: C-1  
2 OF 86

CONTRACT: 2014.13

Date: 7/14/2014

Filename: ...00\HIGHWAY\MSTA\LODPlan.dgn



**AREAS:**  
 CONTRACT LIMIT OF DISTURBANCE = 0.34 ACRES  
 ASSUMED CONTRACTOR ACCESS AND STORAGE LOCATIONS = 0.5 ACRES

**LEGEND:**  
 CONTRACT LIMIT OF DISTURBANCE

- NOTES:**
1. EROSION AND SEDIMENT CONTROL DEVICES REQUIRED FOR THE CONTRACTOR'S ACCESS LOCATIONS AND STORAGE AREAS WILL NOT BE MEASURED FOR PAYMENT.
  2. THE CONTRACTOR WILL BE ALLOWED TO STORE MATERIAL AND EQUIPMENT ON GRAVEL AND PAVEMENT WITHIN THE CLOSED PORTIONS OF THE MAINE TURNPIKE. THESE AREAS ARE EITHER INCLUDED IN THE LIMITS OF DISTURBANCE OR HAVE BEEN PREVIOUSLY SURFACED AND DO NOT ADD TO THE LIMITS OF DISTURBANCE.
  3. SEE SPECIFICATIONS FOR CONTRACTOR'S SUBMITTAL REQUIREMENTS IF INCREASING THE LIMITS OF DISTURBANCE ABOVE THE PROJECT ESTIMATED QUANTITIES.

Scale: 40 0 40 80

No.	Revision	By	Date
1	Added Silt Fence Around Each Guardrail 350 Terminal	JRH	7/14/14

Designed by:

**TYLIN INTERNATIONAL**

CONSULTANT PROJECT MANAGER: Chris Taylor					
	By	Date	By	Date	
Designed	JRH	03/2014	Checked	KSD	03/2014
Drawn	PJB	04/2014	In Charge of	CPT	03/2014

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

**MAINE TURNPIKE**

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: RALPH NORWOOD

**BRIDGE REHABILITATION  
 PISCATAQUA RIVER BRIDGES  
 LIMIT OF DISTURBANCE PLAN**

SHEET NUMBER: L-1  
 CONTRACT: 2014.13  
 22 OF 86