

MAINE TURNPIKE AUTHORITY

ADDENDUM NO. 2

CONTRACT 2025.15

TOLL PLAZA TUNNEL REPAIR

NEW GLOUCESTER (MM 67.0)

WEST GARDINER (MM 102.0)

The bid opening date is November 13, 2025, at 11:00am

The following changes are made to the Proposal, Specifications and Plans. Refer to the Questions section for additional information.

GENERAL

All questions regarding Contract 2025.15 should be submitted by **Noon on November 6, 2025** to be answered by Addendum on or before November 10, 2025. Questions received after that time may not be answered.

PROPOSAL

1. Proposal Sheets P-2 through P-5 are deleted and replaced with P-2 through P-5 revised 11/5/2025. The revisions to these proposal sheets include the following:
 - Item 652.41 Portable-Changeable Message Sign is added to the Contract.
 - Items 655.90 New Gloucester Temporary Utilities and 655.91 West Gardiner Temporary Utilities are added to the Contract.
 - Item 800.34 Emergency Lighting is added to the Contract.

SPECIFICATIONS

The following revisions to the Special Provisions are incorporated into the Contract Documents:

1. Special Provision Section 107.1.1 Limitations of Operations, page SP-7 is revised.
2. Special Provision Section 107.4.6 Prosecution of Work, pages SP-8 and SP-9 are revised.
3. Special Provision Section 631 Equipment Rental, page SP-23a is added.
4. Special Provision Section 652 Maintenance of Traffic (Specific Project Maintenance of Traffic Requirements), page SP-52 is revised.
5. Special Provision Section 652 Maintenance of Traffic (Temporary Toll Plaza Lane Closures), page SP-53 is revised.
6. Special Provision Section 655 Electrical (AWG Wire), page SP-72 is revised.
7. Special Provision Section 655 Electrical (Panelboard Cabinets), page SP-78 is revised.
8. Special Provision Section 655 (Plastic Wireway), page SP-80 is revised.
9. Special Provision Section 655 Electrical (Temporary Utilities), page SP-81A is added.
10. Special Provision Section 800 Toll Tunnel Repairs (Heating, Ventilation, and Dehumidification), pages SP-98 and SP-99 are revised.

PLANS

1. The Contractor shall make a 'pen and ink' change to Plan Sheet 2 (GN-01), Estimated Quantities Table, adding the following items:
 - 652.41 Portable Changeable Message Signs 1 EA
 - 655.90 New Gloucester Temporary Utilities 1 LS
 - 655.91 West Gardiner Temporary Utilities 1 LS
 - 800.34 Emergency Lighting 1 LS

QUESTIONS

The following questions were asked during the Pre-Bid site visit on November 3rd 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: Could you confirm the total linear footage of caulking required at the toll booths?

Answer: An approximate total length of 330 LF of toll booth sealing is required.

Question 2: Which existing components are anticipated to be replaced in conjunction with the new unit heaters (e.g., high-point vents, low-point drains, circuit setters, etc.)?

Answer: The contract includes replacing the existing high point vents, low point drains, and circuit setters at each of the unit heaters, leaving the existing ball valves in place for isolation. Components shall be as specified in Section 232113. Additionally, provide new hangers for the unit heaters. Utilize rubber in shear vibration isolators as specified in Section 238239.

Question 3: Does the heating system loop currently contain glycol? If so, is the type of glycol known?

Answer: The heating systems at both toll plazas do not contain glycol. The contractor is advised they will need to supply clean water for makeup water at West Gardiner due to poor water quality onsite.

Question 4: Response to Question 2 in Addendum #1 made all electrical work incidental to the various pay items. Would it be possible to instead add a lump sum electrical item for temporary utility services and revise the existing electrical bid items to cover only the materials and installation of new components.

Answer: Response to Question 2 in Addendum #1 is deleted. Items 655.90 New Gloucester Temporary Utilities and 655.91 West Gardiner Temporary Utilities have been added to the Contract as lump sum items for payment of maintaining existing services and utilities and temporary utility work including temporary connections, service runs, relocations, disconnections, reconnections, and removals.

Question 5: Please confirm whether the MAU support platform detailed on sheet S-18 is required for both toll plaza locations.

Answer: Yes, the MAU platform detailed on sheet S-18 is required at both toll plaza locations

Question 6: Is hydrophobic grout acceptable for the concrete crack repairs in lieu of epoxy crack injection.

Answer: No, epoxy crack injection repairs are required.

Question 7: Are there any required concrete repairs to the toll booth parapets.

Answer: Concrete repairs to the toll booth parapets are not included in this scope of work.

Question 8: Response to Question 5 in Addendum #1 included a note that the title of Special Provision Section 237333 would be modified in Addendum #2.

Answer: Contractor shall make the following 'Pen and Ink' revision: the new title for Section 237333 shall be, "Section 237333 – Indirect-Fired H+V Units".

Question 9: Response to Question 6 in Addendum #1 included a note that a modification to the specifications would be made in Addendum #2

Answer: Contractor shall make the following 'Pen and Ink' revision: under Section 230900 – Direct Digital Control (DDC) System, Subsection 1.5 Contractor Qualifications, Paragraph A Qualified Bidders, ADD to the list "5. Basix Automation".

Question 10: Where is Item 526.306 Temporary Concrete Barrier to be used? The Maintenance of Traffic special provision notes that the left-most EZ-Pass Only lane within the cash only lanes shall be closed with temporary concrete barrier, but is this required?

Answer: Temporary Concrete Barrier shall be used to shield temporary MTA toll staff parking, porta-potties, and contractor laydown areas if they are not behind guardrail. One such location for this is the northbound side of the New Gloucester toll plaza. The contractor shall sequence their work, including all proposed toll lane closures, to minimize the duration of closed lanes. The contractor shall coordinate all proposed toll lane closures with the Resident, MTA, and the MTA's toll vendor. Special Provision 652 is revised to clarify.

Question 11: Drawing E-05 provides a panel schedule for existing 225 Amp panel. Can you provide panel schedules for the other panels?

Answer: Panel schedules will be provided to the successful bidder.

Question 12: Item 655.141 4pr/24 (Category 5e) Cable quantity of 1,700 LF. Where do you anticipate this being used?

Answer: This cable will replace existing communication cable to the cash toll booths.

ATTACHMENTS

- Addendum No. 2 (4 pages)
- Pre-Bid Site Visit Sign-In Sheet (1 page)
- Revised P-Sheets (4 pages)
- Specifications (12 pages)

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

The total number of pages included in this addendum is twenty-one (21) pages.

All bidders are requested to acknowledge the receipt of the Addendum No. 2 by signing below and faxing this sheet to Nathaniel Carll, Purchasing Department, Maine Turnpike Authority at ncarll@maineturnpike.com. 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

Very truly
yours,

MAINE TURNPIKE AUTHORITY

Nathaniel Carll
Purchasing Department
Maine Turnpike
Authority

CONTRACT 2025.15 TOLL TUNNEL REPAIRS
NEW GLOUCESTER – MILE 67.0 AND
WEST GARDINER – MILE 100.2



PRE-BID SITE WALK (11/3/2025)

SIGN-IN SHEET

Please Print

Name	Company and/or Address	Phone	E-Mail
Kevin Walker	K&J Electric	207-634-4502	KandJelectric11c2017@gmail.com
Ken MacLuson	MacLuson Electric	207-468-2111	KMacLuson@macLuson.com
Chris De Rosa	CCB	(207)615-7859	cderosa@ccb-inc.com
Travis Stearns	Clh and Son	207-212-2483	travis@clhanson.com
Brian Turgeon	CCB	207-212-9925	bturgeon@ccb-inc.com
Amanda Denning	H.E. Callahan	207-517-7023	adenning@hecallahan.com
MICHAEL BROCHU	DAMON	207-784-7461	MBROCHU@DAMONMECHANICAL.COM
Sam Bloniasz	CPM	207-272-8093	sam@cpmconstructors.com
Scott Lachance	MTA	207-482-8570	Slachance@mainetrap.be.com
Rick Barva	MTA		
Jamie Mason	MTA		
Dan Bencheard	HNTB		
Bret Grenier	HNTB		
Dale Mitchell	HNTB		

**SCHEDULE OF BID PRICES
CONTRACT NO. 2025.15
TOLL TUNNEL REPAIRS
NEW GLOUCESTER (MM 67.0)
WEST GARDINER (102.0)**

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
515.203	Broadcast Sealant for Concrete Surfaces	Square Yard	1,910				
518.40	Epoxy Injection Crack Repair	Linear Foot	200				
518.511	Repair of Concrete Surfaces - Stairwell Steps	Lump Sum	1				
518.512	Repair of Concrete Surfaces - Stairwell Grinding	Each	4				
518.513	Repair of Concrete Surfaces - Stairwell Landing	Each	4				
518.514	Tollbooth Blockout Sealing	Each	10				
526.306	Temporary Concrete Barrier, Type I - Supplied by Authority (600 LF)	Lump Sum	1				
527.341	Work Zone Crash Cushions - TL-3	Unit	1				
631.53	Electrician	Hour	80				
631.54	Electrician's Apprentice	Hour	80				
652.361	Maintenance of Traffic Control Devices	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:							
652.41	Portable-Changeable Message Sign	Each	1				
655.1004	#4/0 AWG Wire	Linear Foot	130				
655.101	#6 AWG Wire	Linear Foot	700				
655.103	#10 AWG Wire	Linear Foot	200				
655.12	#12 AWG Wire	Linear Foot	1,880				
655.141	4pr/24 (Category 5e) Cable	Linear Foot	1,700				
655.2021	1" Sch 80 PVC Conduit	Linear Foot	150				
655.203	1 1/2" Sch 80 PVC Conduit	Linear Foot	140				
655.2031	2" Sch 80 PVC Conduit	Linear Foot	90				
655.2032	2 1/2" Sch 80 PVC Conduit	Linear Foot	230				
655.2101	1-1/2" Liquid Tight Metallic Flexible Conduit	Linear Foot	300				
655.2102	2" Liquid Tight Metallic Flexible Conduit	Linear Foot	250				

CARRIED FORWARD:

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
BROUGHT FORWARD:							
655.2103	1" Liquid Tight Metallic Flexible Conduit	Linear Foot	100				
655.225	Type F Pull Box	Each	1				
655.227	Type H Pull Box	Each	3				
655.228	Type I Pull Box	Each	1				
655.431	60 AMP Panel Board and Cabinet	Each	4				
655.432	100 AMP Panel Board and Cabinet	Each	6				
655.433	225 AMP Panel Board and Cabinet	Each	1				
655.501	1" PVC Conduit Condulets	Each	2				
655.502	1 1/2" PVC Conduit Condulets	Each	2				
655.503	2" PVC Conduit Condulets	Each	2				
655.5031	2 1/2" PVC Conduit Condulets	Each	2				
655.63	4"x4" Plastic NEMA 4R Raceway	Linear Foot	55				

CARRIED FORWARD:

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
BROUGHT FORWARD:							
655.64	6"x6" Plastic NEMA 4R Raceway	Linear Foot	715				
655.82	Duplex Receptacle	Each	1				
655.84	Quadplex Receptacle	Each	3				
655.90	New Gloucester Temporary Utilities	Lump Sum	1				
655.91	West Gardiner Temporary Utilities	Lump Sum	1				
659.10	Mobilization	Lump Sum	1				
800.31	Stairwell Enclosure	Lump Sum	1				
800.32	Tollbooth Canopy Drainage Modifications	Lump Sum	1				
800.33	Heating, Ventilation, and Dehumidification	Lump Sum	1				
800.34	Emergency Lighting	Lump Sum	1				
TOTAL:							

- All toll plaza lanes fully opened to traffic including shoulders.
- All disturbed slopes loamed, seeded and mulched, temporary erosion control mix and/or blanket installed where necessary.

Supplemental Liquidated damages on a calendar day basis in accordance with Subsection 107.8 shall be assessed for each calendar day that substantial completion is not achieved.

107.1.1 Limitations of Operations

Construction of the Toll Plaza Tunnel Repairs shall not, in the opinion of the Resident, prohibit the safe and reasonable operations of MTA toll staff. The Contractor shall provide clear access to all toll booths and emergency egress from tunnels at all times during construction.

The Contractor shall not block existing MTA parking at the toll plazas. At daily shift changes, 6 AM, 2 PM, and 10 PM, the Contractor shall provide clear access to and egress from a minimum of two parking spaces for the northbound Cash Lanes portion of the New Gloucester toll plaza, and shall provide clear access to and egress from a minimum of two parking spaces on the right shoulder of the southbound West Gardiner toll plaza. The Contractor shall also provide safe parking for MTA Maintenance vehicles as may be needed for service and repair activities.

The Contractor shall provide one standard porta-potty, for exclusive MTA staff use, at each Toll Plaza for the duration of the Contract. The porta-potties shall be cleaned a minimum of once per week. Final location of the porta-potties shall be determined in the field as directed by the Resident. Supplying, cleaning, moving, and maintaining access to the porta-potties shall not be measured for payment but shall be incidental to Pay Item 659.10 Mobilization.

The Contractor shall submit their proposed staging, storage and construction areas for approval to the Resident. The Contractor shall be responsible for minimizing the footprint of the project, and resulting impacts to the MTA, to the extent practical. The Authority will not allow the Contractor to store materials on site prior to starting work. Site access and final area used for storage shall be coordinated and approved by the Resident.

The Contractor shall be responsible for maintaining all utility services, including backup power at all times during construction, except as noted herein. Toll systems, EZ Pass and Cash, shall not be interrupted except as follows. The Contractor shall coordinate through the MTA, with the MTA Toll vendor to schedule all required power and communication interruptions. Such interruptions shall be scheduled a minimum of 14 calendar days prior to the interruption; 21 days required for wide load lanes. The following system outages are allowed and shall be scheduled and approved by the MTA at least two weeks prior to the beginning of any outage: Backup power: Not to exceed four hours. Limited to between June 1st and October 15th; Domestic water service: Not to exceed one week.

The Contractor is responsible to keep all temporarily closed toll lanes free of snow and ice at all times for the duration of the approved closure. This includes maintaining snow-free access to the porta-potty. Snow and ice removal shall be coordinated with MTA Maintenance. Snow and ice shall not be moved into open travel lanes or shoulders. Maintaining snow and ice-free conditions shall not be measured for payment but shall be incidental to Pay Item 659.10 Mobilization.

107.4.6 Prosecution of Work

The following activities shall have the time limitations as specified:

- Demolition and reconstruction of the stairwell enclosures shall be scheduled as early in the contract as possible to minimize requirements for temporary lane closures during cold weather.
- The Contractor will be allowed a seven-day period to close the tunnel stairwell, restricting toll staff passage, for constructing the stairwell enclosure and other repairs that would normally impede passage.
- Outside of the seven-day period, the Contractor shall provide, at a minimum, during daily shift changes at 6 AM, 2 PM, and 10 PM, safe passage for MTA staff.
- Installation of sump pit discharge pipe shall be scheduled for non-frost conditions.
- Foundation support for the make-up air unit shall not be installed with frost in the ground.
- A minimum of one cash lane per bound in West Gardiner, and two cash lanes per bound in New Gloucester, shall remain open at all times. All lane closures shall be approved by MTA before closure. All lane closures are subject to reopening within a two-hour period as may be requested by MTA. See Special Provision 652 for more information.

The Contractor shall submit to the Authority a construction schedule which shall document that the Contractor has the necessary labor and equipment to work immediately and continuously at the project site once the first toll lane is closed. The construction schedule shall contain specific details for the sequencing of closed lanes and be accompanied by plan details showing the location of MTA toll staff parking and the clear path to both the tunnel and the vacant toll booth to be used as temporary break space. The intent of this specification is to minimize the amount of time for lane closure, while providing the Contractor sufficient time to complete the work in a diligent manner, providing MTA toll staff with safe access and egress, and reopen the full toll plaza as prescribed by the project's Substantial Completion date.

108.2.1 Generation of Progress Payments

The Authority will estimate the amount of Work performed at least monthly and make payment based upon such estimates. Estimates may be paid bimonthly (twice-a-month) if the bimonthly (twice-a-month) invoices exceed \$100,000. No such estimates or payment will be made if, in the judgment of the Authority, the Work is not proceeding in accordance with the provisions of the Contract. The Contractor agrees to waive all claims related to the timing and amount of such estimates.

108.2.3 Mobilization Payment

The second paragraph is deleted in its entirety and replaced with the following:

Upon approval of all pre-construction submittals required for approval by this Contract, including those listed in Section 104.4.2 – Preconstruction Conference, the Contractor will receive payment of 50% of the Lump Sum price for Mobilization, not to exceed 5% of the Bid less the amount bid for Mobilization. After the Authority determines that the Work is 50% complete and the Contractor has submitted a Draft (50%) as-built submittal of all underground work to date (within the prior 30 day pay period) as defined in Special Provision 105., the Contractor will receive the other 50% of the Lump Sum price for Mobilization, not to exceed 5% of the Bid less the amount bid for Mobilization. Any remaining Mobilization will be at the completion of physical work.

108.3 Retainage

The seventh paragraph is deleted in its entirety and replaced with the following:

When requested by the Contractor, an 80 percent reduction of retainage will be considered by the Authority when the Project is substantially complete and the Contractor has submitted a Final Draft (98%) as-built submittal of all underground work, in accordance with Special Provision 105. When requesting a reduction, the Contractor shall include an explanation of the outstanding Work, an estimate of the cost to complete the Work, and a schedule for completing the Work. Seasonal limitations as well as warranty and establishment periods (for vegetation) shall be addressed.

SPECIAL PROVISION

SECTION 631

EQUIPMENT RENTAL

631.02 General

The following sentences are added:

Electrician - Licensed by State of Maine.

Electrician's Apprentice - Enrolled in an accredited program.

631.08 Basis of Payment

The following paragraphs are added:

Such related costs such as use of hand tools, meal and room expenses, benefits, insurance, retirement, travel time, overtime, overhead and profit will not be measured separately for payment but shall be incidental to the unit price for the bid item.

Note: For extra materials required for miscellaneous work the General Contractor shall be allowed 15 percent overhead and profit on the cost of materials and rental equipment (not covered by miscellaneous unit items). Rates for Subcontractor owned equipment required to perform miscellaneous work, not otherwise provided for in the Contract, shall be negotiated.

The General Contractor will be allowed 10 percent overhead and profit on the subcontractor's cost of materials, and subcontractors rented equipment (not covered by miscellaneous unit items). The General Contractor shall include his markup on the Subcontractor's labor in the pay items.

The labor hour bid items shall include labor and labor burdens, benefits, supervision, transportation, travel time and allowances, overnights, small tools and equipment, subcontractor overhead and profit, and General Contractor overhead and profit. Time will be measured from the start of work to the stoppage of work at the project site; less the time taken for lunch. No deduction of time will be taken for the standard morning "coffee break".

<u>Pay Item</u>		<u>Pay Unit</u>
631.53	Electrician	Hour
631.54	Electrician's Apprentice	Hour

SPECIAL PROVISIONSECTION 652MAINTENANCE OF TRAFFIC

(Specific Project Maintenance of Traffic Requirements)

This Specification describes the specific project maintenance of traffic requirements for this Project.

The following minimum traffic requirements shall be maintained. These requirements may be adjusted based on the traffic volume when authorized by the Authority.

Maine Turnpike Traffic Control Requirements

Mainline lane and shoulder closures are not allowed. A single temporary toll plaza lane may be closed, one at a time, as the Contractor progresses the work. Once the work is complete requiring closure of the Northbound wide load lane and adjacent lane within the CASH lanes at New Gloucester, the Contractor may request to close the left-most EZ-Pass Only lane within the CASH lanes, on a longer term basis with temporary concrete barrier. The closure shall include temporary concrete barrier prior to the toll plaza to close the lane, then temporary concrete barrier shall extend approximately 100 feet, as directed by MTA Resident, beyond the toll plaza to create the Contractor's laydown and parking area. Contractor shall coordinate with the MTA Resident to change overhead lane use signals upon implementing this single, left-most EZ-Pass Only lane closure.

The Contractor is responsible to keep the closed lane free of snow and ice at all times for the duration of the closure. The Contractor shall plan the work, including sufficient labor and materials, such that once the closure is setup, the stairwell caps and booth repairs are completed expeditiously without undue delay to minimize the duration of this EZ-Pass Only lane closure. With the exception of the stairwell closure period defined in Special Provision 652 Temporary Toll Plaza Lane Closure, the Contractor shall be prepared at all times to allow MTA to reopen the closed EZ-Pass Only lane with a two-day notice.

See Special Provision 652 Temporary Toll Plaza Lane Closure for other allowable closures.

SPECIAL PROVISIONSECTION 652MAINTENANCE OF TRAFFIC

(Temporary Toll Plaza Lane Closures)

The following minimum requirements shall be maintained:

Plaza lanes shall remain available for opening at all times except when the Contractor is performing work in, adjacent to or directly over the plaza lanes. A plaza lane closure is required when danger to the traveling public or turnpike employees may exist. The potential of any material falling onto the roadway shall be considered a potential danger. This shall include, but not necessarily be limited to, demolition debris, water, tools, equipment and material.

A plaza lane closure will be required whenever people or equipment will be present in a plaza lane. The Authority may also require adjacent lanes to be closed to protect the traveling public or turnpike employees. Temporary plaza lane closures will only be allowed at the times outlined below. These hours may be adjusted based on the traffic volume each day by the Resident. Plaza lane closures not completely removed by the ending time specified will be subject to a lane rental fee of \$100.00 per 10 minutes for every 10 minute increment beyond the specified ending time. Temporary plaza lane closures will not be allowed during periods of inclement weather as determined by the Authority. Temporary plaza lane closures may not be allowed on days or times when complete stoppages of traffic for other Authority projects are scheduled. The Authority reserves the right to order removal of approved plaza lane closures.

Requests for temporary toll lane closures shall be submitted to the Resident a minimum of 14 days, 21 days for wide load lanes, prior to closure for approval. The Resident is required to receive approval from the Maine Turnpike Authority's Plaza Supervisor for all plaza lane closures. The request shall be submitted to the Plaza Supervisor by the Resident at least one (1) working days prior to the day of the requested plaza lane closure. All requests must be received by 12:00 p.m. noon to be considered as received on that day. Requests received after 12:00 p.m. shall be considered as received the following day. The Contractor shall plan the work accordingly.

Some activities, which require plaza lane closures, will be considered favorably for night work. The Contractor shall submit a request in writing to the Resident. The approval of the request will be at the Resident's discretion and will not be unreasonably withheld.

Wide load and E-ZPass lanes may be closed Monday thru Thursday from 8:00 p.m. to 6:00 a.m. the following morning. The wide load and E-ZPass lane closures must be final scheduled one (1) week in advance, and occur outside of the various Holiday restrictions.

Intermediate single lanes may be closed Sunday thru Thursday from 8:00 p.m. to 3:00 p.m. the next day. The Intermediate single lanes closures must be final scheduled one (1) day in advance, and occur outside of the various Holiday restrictions.

SPECIAL PROVISION

SECTION 655

ELECTRICAL

(AWG Wire)

Description

This task shall include the providing and installation of the AWG wire, as described herein for clean and dirty power wiring, for grounding wires (where applicable) and other locations called for in the Plans and Specifications. All wire installed in conduit must be burial grade, suitable for wet locations.

Basis of Payment

Measurement and payment for the installation of the AWG wire as described herein will be per foot, to the nearest 10 foot interval per run. It shall include the removal and disposal of existing wire, furnishing, installation, routing, termination, splices and connection of the wire per the wiring schedule, and all materials, labor, and equipment and incidentals necessary to complete the work.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
655.1004 #4/0 AWG Wire	Linear Foot
655.101 #6 AWG Wire	Linear Foot
655.103 #10 AWG Wire	Linear Foot
655.12 #12 AWG Wire	Linear Foot
655.125 500 MCM Wire	Linear Foot

new breaker replacement, mounting of the cabinet, drilling of holes into the box for conduits, removal and disposal of existing panelboard, and all materials, labor, equipment and incidentals necessary to complete the work.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
655.431 60 AMP Panelboard Cabinet	Each
655.432 100 AMP Panelboard Cabinet	Each
655.433 225 AMP Panelboard Cabinet	Each

SPECIAL PROVISION

SECTION 655

ELECTRICAL

(Plastic Wireway)

Description

This task shall include providing and the installation of plastic wireway in the booth pit as shown on the Plan drawings and/or described herein. Wireways shall be plastic NEMA 4R and shall be installed per NEC regulations. All supports for wireways shall be stainless steel.

Basis of Payment

Measurement and payment for installing the Plastic Wireways as shown on the Plan drawings and described herein will be per foot, to the nearest two foot increment above the final installed segment. It shall include the removal and disposal of existing wireways, furnishing, installing, supporting and connection of the new wireway, and all materials, labor, equipment, and incidentals necessary to complete the work. It shall also include all end caps, covers, drilling of holes for conduits, fabrications for 90 degree bends, etc.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
655.63 4-inch x 4-inch Plastic NEMA 4R Wireway	Linear Foot
655.64 6-inch x 6-inch Plastic NEMA4R Wireway	Linear Foot

SPECIAL PROVISION

SECTION 655

ELECTRICAL

(Temporary Utilities)

Description

The Contractor will be required to maintain all services and utilities to the existing facility throughout construction. The toll system, EZ Pass, and Cash operations along with tunnel and administrative building utilities shall not be interrupted except as allowed in *Special Provision 107.1.1 - Limitations of Operations* and *Special Provision 107.4.6 - Prosecution of Work*. Existing services and utilities include, but are not necessarily limited to, power, telephone, water, sewer, propane, heat, and site/roadway lighting.

The Contractor shall be responsible for all temporary connections, service runs, relocation, disconnections, reconnections, etc. required to maintain these services due to phasing of construction and constraints of the site and work area. This includes any needed temporary services for the building, tunnel, and occupied toll booths.

Prior to start of construction, the Contractor shall submit a plan and schedule for maintaining existing services and utilities. The plan shall identify all proposed temporary connections, service runs, relocations, disconnections, reconnections, etc. and shall reflect construction phasing and the Contractor's proposed sequence of work.

Basis of Payments

Measurement and payment for maintaining existing services and utilities and all temporary utility work, including proposed temporary connections, service runs, relocations, disconnections, reconnections, removals, etc. will be paid for lump sum per each toll plaza location. Lump sum payment shall be full compensation for all materials, labor, equipment, tools, miscellaneous hardware and incidentals necessary for maintaining existing services and utilities and all temporary utility work. Payment shall also include the removal and disposal of all existing services and utilities not otherwise paid for under the individual pay item.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
655.90 New Gloucester Temporary Utilities	Lump Sum
655.91 West Gardiner Temporary Utilities	Lump Sum

SPECIAL PROVISION

SECTION 800

TOLL TUNNEL REPAIRS

(Heating, Ventilation, and Dehumidification)

800.01 Description

Section 800 and Divisions 01 through 28 specifies materials, procedures, and requirements for the construction of the Heating, Ventilation, and Dehumidification at New Gloucester and West Gardiner Toll Tunnels, complete with all appurtenances, including any and all associated utilities and services within the limits as shown on the Drawings.

The Contractor shall submit to the Resident for approval a cost breakdown of the major components of work for the Heating, Ventilation, and Dehumidification, by Division, for sections 01 through 28. This breakdown will be used as a basis for monthly pay estimates.

Toll tunnel walk-thrus shall occur 30 days prior to anticipated completion and MTA occupancy of the Tunnels. Contractor shall allow the MTA access to the tunnels as outline herein for MTA staff passage and maintenance of toll support equipment.

The Contractor shall ensure and be responsible for the total and complete coordination of all work in the Toll Plaza Tunnel Repairs. The Contractor shall generate coordination drawings for the Repairs. Coordination drawings shall:

1. Be computer generated.
2. Show a dimensionally accurate representation of all equipment that was approved by the shop drawing process.
3. Show architectural features, structural features, piping, conduit, ductwork and any other items that require coordination which shall be accurately sized.
4. Be submitted to and approved by the MTA prior to the purchasing of any approved equipment.

800.02 General

The work includes heating, ventilating, and dehumidification reconstruction, emergency lighting, coordination with Maine Turnpike toll vendor, maintenance of traffic and all other work incidental thereto in accordance with the Plans and Specifications.

800.05 Method of Measurement

The heating, ventilating, and dehumidification reconstruction, coordination with Maine Turnpike toll vendor, maintenance of traffic and all other work incidental thereto, including the work described above, will be measured for payment by the lump sum, complete and accepted.

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All earthwork required for make-up air handling unit support, including excavation for support frame and foundation, and repair of all disturbed earth surfaces including loam, seed, and mulch, will not be measured for payment but shall be incidental to the Heating, Ventilation, and Dehumidification pay item.

Mobilization related to construction of the Toll Plaza Tunnel Repairs shall be measured for payment under Pay Item 659.10.

Emergency lighting will be measured for payment by the lump sum, complete and accepted.

800.06 Basis of Payment

The Lump Sum payment for Heating, Ventilation, and Dehumidification of the New Gloucester and West Gardiner Toll Tunnels shall be full compensation for the cost of furnishing all materials, equipment, supplies, tools, incidentals, labor and supervision necessary to satisfactorily complete the work in all respects, in accordance with the Contract Documents and to the satisfaction of the Resident.

The lump sum payment for Emergency Lighting shall be full compensation for the cost of furnishing all materials, labor, equipment, and incidentals necessary to complete the work.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
800.33 Heating, Ventilation, and Dehumidification	Lump Sum
800.34 Emergency Lighting	Lump Sum