

MAINE TURNPIKE AUTHORITY

ADDENDUM NO. 1

CONTRACT 2018.20

YORK TOLL PLAZA
MILE 8.8

The bid opening date is October 11, 2018 at 11am.

The following changes are made to the Proposal, Plans and Specifications.

GENERAL

Questions will be accepted until 12:00 pm on October 3, 2018.

PROPOSAL

Proposal Sheet N-1 is deleted and replaced with sheet N-1 (Revised 9/24/18). September 21, 2018 (twice) was deleted and replaced with October 3, 2018.

Proposal Sheet P-1 is deleted and replaced with sheet P-1 (Revised 9/24/18). Changes made include deleting references to Mile 7.3 work.

Proposal Sheet P-3 is deleted and replaced with sheet P-3 (Revised 9/24/18). Changes made include deleting Item 203.24 Common Borrow.

PLANS

Plan Sheet 3 of 489, "Estimated Quantities 1" is deleted and replaced in its entirety with attached revised sheet 3.

SPECIFICATIONS

Special Provision 403 – Hot Mix Asphalt Pavement (Pavement Table) SP-51 and SP-52 deleted and replaced with SP-51 and SP-52.

Specifications, Part IV - Appendix E, Product Data Sheets AP-29 to AP-30 deleted and replaced with AP-29 to AP-30.

QUESTIONS

The following are questions submitted to the Maine Turnpike Authority in writing. Answers to the questions are noted. Bidders shall utilize this information in preparing their bid.

1. On page 8400-1 of the specifications under general requirements detail A it is calling for 350 entrance doors and 451T frames as manufactured by Kawneer, but on page 483 of the plans (door and windows schedule) it is calling for wide style doors. What door type are you looking for 350 (medium) or 500 (wide) style doors? Also do you want a thermally broken frame?

Answer: Door Type shall be 500 (Wide) style. Frame shall be thermally broken.

2. What color is the aluminum entrance and fixed storefront framing going to be?
Answer: Valspar 395C1675 Fluorpon Sherwood Green (matches other MM locations).
3. Section 8400 list hardware for the Pivots, Exit Device, Closer and polls. Will rest of the hardware be supplied by MTA including the electric strike?
Answer: Section 08700 indicates the balance of the hardware to be provided at the Aluminum Storefront Door locations.
4. On page A5 (page 472 of 489) Stair Enclose Details - Are these windows going to be 451t fixed storefront as manufactured by Kawneer?
Answer: Kawneer products are specified as basis of design.
5. On page A5 (page 472 of 489) Stair Enclose Details - We can find the type B windows (2 required) and type C windows (8 required) but cannot find the type D windows. Are there any required, if so where? The schedule states there are 4 aluminum doors required. Does that mean that the type B, C and D windows are going to be multiplied times 4?
Answer: See “type D” noted on plan view of stair enclosure. It is the aluminum infill panel at narrow end of an enclosure structure. Windows and infill panels are scheduled for individual enclosure structure. Refer to sheet 295 of 489 (drawing S-02), as there are four (4) stair enclosures in all. Each enclosure has two (20 of type B glazing, 8 or type C which are NOT glazing but aluminum panels, and 1 of type D which is also aluminum infill panel.

There are 8 of type B glazing in total, 32 of type C, 4 of type D.
6. The specification provides highway, bridge and building wages. Which wages are applicable for this project?
Answer: All the wages need to be used depending on the activity.
7. Page P-1 states the project consists of: “work at Mile 7.3 consists of demolition of the existing 17-lane toll plaza, tunnel, administration building, removal of existing utilities and driveway, and reconstruction of the existing facility to a three (3) lane highway southbound and a four (4) lane highway northbound.” Details provided in the document does not show any of this work please clarify.
Answer: The reference to Mile 7.3 work has been removed.
8. Page P-1 states “contractors submitting bids must be themselves or utilize an electrical subcontractor prequalified by the Maine Department of Transportation for Traffic Signals and Lighting Projects. The majority of the electrical work is building electric located in the administration building, tunnel and toll booths can this work be completed under the building category?
Answer: The prequalification for electrical sub is for non-building electrical including toll system work and street lighting. The contractor completing this work on the project needs to be prequalified by MaineDOT for signals/lighting or can submit to MTA for prequalification for this project.
9. The MTA is allowing contractors not currently prequalified by Maine DOT for Bridge projects to seek prequalification for this project prior to the bid by submitting the prequalification application included with this notice directly to the Authority at the above address, with a

decision on prequalification status by September 21, 2018 at 4:30 PM. Will the MTA publish any newly prequalified contractors in any of the categories?

Answer: A decision on any prequalification applications will not be made until October 3rd, after which a list of any newly prequalified contractors will be included in the next bid addendum

10. Concrete Note number 10 on sheet 344 calls for construction joints at a maximum of 15' from any corner or 30' along any wall. Sheet 346 shows locations of construction joints on the south, east and west wall that all exceed these limits and no construction joints on the north wall. Please clarify where the desired construction joints should be located on the administration building foundation.

Answer: Note 10 on Sheet No. 344 states "unless noted otherwise." Refer to Sheet No. 346 for the locations of construction joints in the foundation walls. Provide an additional construction joint along column line B.8 at the north foundation wall of the building.

11. For items 526.3522, 526.371, 526.372 is the epoxy rebar included in the unit price of those items or will it be paid for separately in item 503.14 and 503.15?

Answer: Items 526.3522, 526.371, 526.372 include epoxy rebar in the unit price. Unit cost is complete in place.

12. Is the 8" Concrete slab (on Sheet MSC-01) within the typical dumpster enclosure paid for under item 608.08 Site Concrete Slabs or is it part of 607.4211 Dumpster enclosure?

Answer: The 8" concrete slab within the dumpster enclosure is to be paid under item 608.08 Site Concrete Slabs.

13. Are the 4 5'x5' entrance slabs (on sheets SP-01 and detailed on MSC-01) paid for under item 608.08 Site Concrete Slabs or part of the 800.01 Toll administration building?

Answer: The entrance slab shown on the plans and detailed on MSC-01 are to be paid for yard price under item 608.08. The footing and foundation walls for the entrance slabs are paid under Item 800.01 Toll Administration Building.

14. Sheet 45 calls for the installation of temporary cover over the stair enclosures. Is MTA furnishing this cover? If so can you provide details of the cover? Which pay item does this work fall under?

Answer: The temporary covers over stair enclosures shall be designed by the Contractor's precast manufacturer, who is also responsible for the design of the precast tunnel and tunnel staircase elements. The temporary covers shall be compatible with the precast staircase elements (U-sections), including prevention of damage to the protruding portions of cast-in waterstops. The work shall be paid for under (and is considered incidental to) lump sum bid Item No. 534.71 Precast Concrete Tunnel and Tunnel Staircase Structures.

15. Sheet 6 of 489 – Earthwork Summary – right side of page.

The Computation for Common Borrow for Estimate: This calculation does not look correct; however, the result looks correct with 131,132 cy of surplus material. The Bid Schedule Item #203.24 Common Borrow shows 43,400 cy. We are unsure why the Common Borrow is required when the project has so much surplus excavation. Are you paying for the "Embankment" placement of the Common Excavation Item under the Common Borrow Bid

Item? Or maybe are you paying for Common Borrow when we have to “re-handle” the excavation due to phasing and/or fill location.

Answer: The calculation of 131,132 cy of surplus material is correct. Item 203.24 Common Borrow is removed from contract. Item 203.24 Common Borrow has been removed from bid schedule sheet P-3 and plan sheet 3 of 489 Estimated Quantities 1.

16. Plans Vol 3 – There is one sheet for the ORT slab, ST-41. With other details/plans for the ORT slab be provided?

Answer: No additional sheets for the ORT slab plans/details will be provided.

17. Section 526.306 – Temp Conc Barrier supplied by MTA indicates 4,000LF will be provided at the Kennebunk Motel site. Will the Turnpike provide other Temp Concrete Barrier for other locations? Will all other Temp Barrier required be furnished by the contractor?

Answer: The Turnpike will provide 4,000 lf of temporary concrete barrier as indicated in the specifications. No additional temporary concrete barrier will be provided to the Contractor from other Turnpike locations. Any additional temporary barrier required for the project will be provided by the Contractor.

18. We respectfully submit for your consideration a request to approve products as an accepted substitute on York Toll Plaza Mile 8.8 Reconstruction (18-774218). Please find attached to this email the following supporting documentation:

- Substitution request form
- Technical data sheets and MSDS forms for the appropriate product(s), confirming performance as specified

Answer: This would be addressed during shop drawing review.

19. For cast in place contract will an air de-training admixture be allowed?

Answer: No, it will not be allowed.

20. Surface pavement. Will an anti-strip additive be allowed instead of the lime additive?

Answer: No. Special Provision 403 – Hot Mix Asphalt Pavement (Pavement Table) has been revised to require both an anti-strip additive and lime.

21. Conduit items. What is 626 Items for versus 655 items.

Answer: Conduit Items 626 are for highway and utilities. Conduit Items 655 are for tolling.

ATTACHMENTS

Proposed Sheets	(3 pages)
Plan Sheet	(1 page)
Special Provisions	(2 pages)
Specifications, Part IV Appendix E	(3 pages)
Pre-Bid Agenda	(9 pages)
Pre-Bid Sign-In Sheet	(2 pages)

MAINE TURNPIKE AUTHORITY

NOTICE TO CONTRACTORS

Sealed Proposals will be received by the Maine Turnpike Authority for:

CONTRACT 2018.20

YORK TOLL PLAZA

MILE 8.8

that at the office of the Maine Turnpike Authority, 2360 Congress Street, Portland, ME, until 11:00 a.m., prevailing time as determined by the Authority on October 11, 2018 at which time and place the Proposals will be publicly opened and read. Bids will be accepted from Contractors prequalified by the Maine Department of Transportation for Bridge Construction Projects. All other bids will be rejected. In addition, contractors submitting bids must be themselves or utilize a Highway subcontractor pre-qualified by the Maine Department of Transportation for Highway, a building subcontractor pre-qualified by the Maine Department of Transportation for Buildings and an electrical subcontractor prequalified by the Maine Department of Transportation for Traffic Signals and Lighting Projects.

Contractors not currently prequalified by MaineDOT for Bridge projects can seek prequalification for this project prior to the bid by submitting the prequalification application included with this notice directly to the Authority at the above address. Prequalification applications will be accepted for this project until September 14, 2018 at 4:30 PM with a decision on prequalification status by October 3, 2018 at 4:30 PM. Contractors not currently prequalified by MaineDOT for Bridge Projects or Contractors not prequalified by the MTA for Bridge projects for this project by October 3, 2018 at 4:30 PM will not be permitted to submit a bid as the general Contractor for this project.

Subcontractors not currently prequalified by MaineDOT can seek prequalification for this project prior to the bid by submitting the prequalification application included with this notice directly to the Authority at the above address. Post bid qualification in accordance with the MTA supplemental Specifications will be allowed for Sub Contractors only.

This Project includes a wage determination developed by the State of Maine Department of Labor.

The Project consists of highway, structures, building and site work required to construct a new toll facility. The work at Mile 8.8 consists of constructing six (6) open, high-speed (70 mph) E-ZPass center lanes (3 in each direction) with overhead open frame gantries with electronic toll collection equipment, nine (9) cash lanes with toll booths (4 northbound and 5 southbound) with canopies, reconstruction of mainline to accommodate approach and departure lanes at the new toll plaza, construction of a precast pedestrian tunnel for employee access and utilities, driveway from Chases Pond Road, parking lot and Administration Building. The work includes earthwork, pavement, concrete, signing, overhead sign structures, concrete barrier, guardrail, mechanical work, electrical work, lighting and lightning suppression systems. The work also includes the

MAINE TURNPIKE AUTHORITY

PROPOSAL

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TO MAINE TURNPIKE AUTHORITY:

The Project consists of highway, structures, building and site work required to construct a new toll facility. The work at Mile 8.8 consists of constructing six (6) open, high-speed (70 mph) E-ZPass center lanes (3 in each direction) with overhead open frame gantries with electronic toll collection equipment, nine (9) cash lanes with toll booths (4 northbound and 5 southbound) with canopies, reconstruction of mainline to accommodate approach and departure lanes at the new toll plaza, construction of a precast pedestrian tunnel for employee access and utilities, driveway from Chases Pond Road, parking lot and Administration Building. The work includes earthwork, pavement, concrete, signing, overhead sign structures, concrete barrier, guardrail, mechanical work, electrical work, lighting and lightning suppression systems. The work also includes the installation of tolling equipment in the tunnel, canopy, and toll booth, maintenance of traffic and all other work incidental thereto in accordance with the Plans and Specifications.

This Work will be done under a Contract known as Contract 2018.20 according to the Plans and Specifications which are on file in the office of the Maine Turnpike Authority, 2360 Congress Street, Portland, Maine.

On the acceptance of this Proposal for said Work, the undersigned will give the required bond with good security conditioned for the faithful performance of said Work, according to said Plans and Specifications, and the doing of all other work required by said Specifications for the consideration herein named and with the further condition that the Maine Turnpike Authority shall be saved harmless from any and all damages that might accrue to any person, persons or property by reason of the carrying out of said Work, or any part thereof, or by reason of negligence of the undersigned, or any person or persons under his employment and engaged in said Work.

The undersigned hereby declares that he/she has carefully examined the Plans, Specifications and other Contract Documents, and that he/she will contract to carry out and complete the said Work as specified and delineated at the price per unit of measure for each scheduled item of Work stated in the Schedule of Prices as follows:

It is understood that the TOTAL AMOUNT stated by the undersigned in the following Schedule of Prices is based on approximate quantities and will be used solely for the comparison of bids, and that the quantities stated in the Schedule of Prices for the various items are estimates only and may be increased or decreased all as provided in the Specifications.

Item No.	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
BROUGHT FORWARD:							
203.245	Clay Borrow	CY	55				
203.25	Granular Borrow	CY	7,400				
203.35	Crushed Stone Fill 3/4-Inch	CY	550				
205.51	Widening of Existing Shoulder, Plan Quantity	SY	315				
206.07	Structural Rock Excavation - Drainage & Minor Structures	CY	3,200				
206.082	Structural Earth Excavation - Major Structures, Plan Quantity	CY	2,450				
206.092	Structural Rock Excavation - Major Structures	CY	1,980				
304.10	Aggregate Subbase Course-Gravel	CY	115,500				
304.14	Aggregate Base Course - Type A	CY	26,170				
304.15	Aggregate Base Course - Type B	CY	200				
403.207	Hot Mix Asphalt, 19.0 mm Nominal Maximum Size	T	39,750				
403.208	Hot Mix Asphalt, 12.5 mm Nominal Maximum Size	T	550				
CARRIED FORWARD:							

Date: 9/20/2018

Filename: ... \00259637.003_Estimate_01.dgn

Item No.	Item Description	Unit	Quantity
201.11	Clearing	AC	17
202.15	Removing Existing Manhole or Catch Basin	EA	22
202.151	Abandoning Existing Manhole or Catch Basin	EA	10
202.16	Removing Existing Pipe	LF	575
202.161	Abandoning Existing Pipe	LF	680
202.202	Removing Pavement Surface	SY	88,000
202.205	Rumble Strips - Shoulder	LF	35,500
202.206	Removing Rumble Strips	LF	6,100
202.60	Abandon Monitoring Well	EA	2
203.20	Common Excavation	CY	128,500
203.21	Rock Excavation	CY	47,300
203.213	Shatter Solid Rock Subgrade	SY	5,700
203.245	Clay Borrow	CY	55
203.25	Granular Borrow	CY	7,400
203.35	Crushed Stone Fill 3/4-Inch	CY	550
205.51	Widening of Existing Shoulder, Plan Quantity	SY	315
206.07	Structural Rock Excavation - Drainage & Minor Structures	CY	3,200
206.082	Structural Earth Excavation - Major Structures, Plan Quantity	CY	2,450
206.092	Structural Rock Excavation - Major Structures	CY	1,980
304.10	Aggr Subbase Course - Gravel	CY	115,500
304.14	Aggregate Base Course - Type A	CY	26,170
304.15	Aggregate Base Course - Type B	CY	200
403.207	Hot Mix Asphalt 19.0 mm Nominal Maximum Size	T	39,750
403.208	Hot Mix Asphalt 12.5 mm HMA Surface	T	550
403.2081	Hot Mix Asphalt - 12.5 mm Nominal Maximum Size (Polymer Modified)	T	14,300
403.209	Hot Mix Asphalt 9.5 mm (Incidentals)	T	50
403.211	Hot Mix Asphalt (Shim)	T	11,500
403.213	Hot Mix Asphalt 12.5 mm Base	T	14,240
409.15	Bituminous Tack Coat - Applied	G	17,675
419.30	Saw Cutting Bituminous Pavement	LF	3,600
502.231	Structural Concrete, Space Frame and Overhead Sign Structure Pedestals	CY	155
502.233	Structural Concrete, Canopy Column Foundations	CY	55
502.265	Structural Concrete, ORT Slabs	CY	300
502.266	Structural Concrete, Plaza Structural Slabs	CY	470
502.267	Structural Concrete, Toll Islands	CY	290
502.268	Structural Concrete, Utility Pits	CY	60
502.269	Structural Concrete, CCTV Pole Foundations	CY	14
502.28	Structural Concrete, Rigid Frame Structures [Tunnel]	CY	170
503.14	Epoxy-Coated Reinforcing Steel, Fabricated and Delivered	LB	136,500
503.15	Epoxy-Coated Reinforcing Steel, Placing	LB	136,500
503.18	Glass Fiber Reinforced Polymer (GFRP) Reinforcing Bars, Fabricated and Deliv.	LB	48,000
503.19	Glass Fiber Reinforced Polymer (GFRP) Reinforcing Bars, Placing	LB	48,000
503.90	Synthetic Fiber Reinforcement	LB	2,100
504.80	Space Frame Canopies, Fabricated and Delivered	LS	1
504.81	Space Frame Canopies, Erection	LS	1
504.90	Space Frame Steel Support Posts and Anchorage Assemblies	LS	1
504.91	Mounting Bracket Assemblies	LS	1
506.15	Shop Coating of New Steel	LS	1
506.9103	Galvanizing	LS	1
508.14	High Performance Waterproofing Membrane	SY	1,670
508.15	Membrane Waterproofing	LS	1
511.091	Temporary Earth Support Systems	LS	1
515.2011	Pigmented Concrete Protective Coating - Tunnel Walls & Ceiling	SY	1,330
515.2012	Pigmented Concrete Protective Coating - Tunnel Floor	SY	455
515.202	Clear Protective Coating for Concrete Surfaces	SY	1,400
515.23	Epoxy Overlay	SY	250
526.306	Temporary Concrete Barrier Type I - Supplied by the Authority	LS	1
526.351	Median Barrier Type I - Precast	LF	7,000
526.3511	Median Barrier Type IA - Precast	LF	1,800
526.3512	Median Barrier Type IB - Precast	LF	870
526.352	Median Barrier Type II - Precast	LF	240
526.3522	Median Barrier Type II - Cast in Place	LF	140

Item No.	Item Description	Unit	Quantity
526.3531	Median Barrier Type IIIA - Precast	LF	180
526.3532	Median Barrier Type IIIB - Precast	LF	180
526.361	Median Barrier Transition Type I - Precast	EA	4
526.3611	Median Barrier Transition Type IA - Precast	EA	2
526.3612	Median Barrier Transition Type IB - Precast	EA	2
526.3613	Median Barrier Transition Type LP-A	EA	8
526.3614	Median Barrier Transition Type LP-B	EA	10
526.362	Median Barrier Transition Type II - Precast	EA	16
526.371	Median Barrier With Mounted Light Pole Type LP-A	EA	4
526.372	Median Barrier With Mounted Light Pole Type LP-B	EA	5
527.306	Center Barrier Crash Attenuator	EA	2
527.341	Work Zone Crash Cushions - TL-3	UNIT	5
534.71	Precast Concrete Tunnel and Tunnel Staircase Structures	LS	1
603.155	12 Inch Reinforced Concrete Pipe Class III	LF	420
603.159	12 Inch Culvert Pipe Option III	LF	250
603.165	15 Inch Reinforced Concrete Pipe Class III	LF	2,375
603.169	15 Inch Culvert Pipe Option III	LF	450
603.175	18 Inch Reinforced Concrete Class III	LF	940
603.179	18 Inch Culvert Pipe Option III	LF	100
604.199	24 Inch Culvert Pipe Option III	LF	25
603.205	30 Inch Reinforced Concrete Class III	LF	64
603.215	36 Inch Reinforced Concrete Class III	LF	64
603.2353	48 Inch Reinforced Concrete Class V	LF	200
603.28	Concrete Collar for Reinforced Concrete Pipe	EA	10
603.90	12 Inch Ductile Iron Storm Drain	LF	90
604.09	Catch Basin Type B1	EA	24
604.0901	Catch Basin Type B1 with Flat Top	EA	48
604.152	48 Inch Manhole	EA	7
604.1542	72 Inch Outlet Control Structure	EA	5
604.1561	96 Inch Doghouse Manhole	EA	1
604.1581	Inlet Control Structure	EA	1
604.26	Catch Basin Type B5	EA	13
605.09	6 Inch Underdrain Type B	LF	1,450
605.105	8 Inch Underdrain Outlet	LF	350
605.11	12 Inch Underdrain Type C	LF	1,700
606.13	31" W-Beam Guardrail - Mid-way Splice	LF	5,050
606.1724	Guardrail Transition - Type 3	EA	2
606.278	Terminal End - Anchored End	EA	11
606.279	Terminal End - Anchored End, Thrie Beam	EA	2
605.352	Reflectorized Beam Guardrail Delineator	EA	9
606.353	Reflectorized Flexible Guardrail Marker	EA	32
606.356	Underdrain Delineator Post	EA	189
606.3562	Delineator Post - Remove and Stack	EA	119
606.3605	Guardrail - Remove, Modify, and Reset, Single Rail	LF	25
606.3610	Guardrail - Remove, Modify, and Reset Thrie Beam, Single Rail	LF	175
606.3611	Guardrail - Remove, Modify, and Reset Thrie Beam, Double Rail	LF	700
606.3631	Guardrail - Remove and Stack or Dispose	LF	10,050
606.48	Single Galvanized Steel Post	LF	20
606.64	Guardrail - Thrie Beam - Double Rail	LF	125
606.65	Gr - Thrie Beam - Sgl Rail	LF	550
606.754	Widen Shoulder for Energy Absorbing End Terminal	EA	12
606.791	Guardrail - Flared Terminal - 31" W-Beam Guardrail (7' Steel Posts, 8" Offset Blocks)	EA	13
607.093	Right of Way Fencing with Habitat Barrier Fence, Metal Posts	LF	15,000
607.2325	Pipe Entry Gate	EA	1
607.4	Chain Link Fence - 3' High	LF	480
607.41	Post Assembly for Sign or Chain Link Fence	EA	67
607.4211	Dumpster Enclosure	LS	1
608.08	Reinforced Concrete Sidewalk/Site Concrete Slabs	SY	340
608.26	Curb Ramp Detectable Warning Field	SF	75
609.11	Vertical Curb Type 1	LF	1,700
609.12	Vertical Curb Type 1 - Circular	LF	350
609.238	Terminal Curb Type 1 - 8'	EA	8
610.07	Stone Fill	CY	420

Item No.	Item Description	Unit	Quantity
610.08	Plain Riprap	CY	250
610.181	Temporary Stone Check Dam	CY	400
610.182	Permanent Stone Check Dam	CY	80
613.319	Erosion Control Blanket	SY	40,000
615.07	Loam	CY	14,050
618.13	Seeding Method Number 1	UN	850
618.141	Seeding Method Number 3	UN	200
619.1201	Mulch	UN	950
619.1202	Temporary Mulch	LS	1
619.13	Bark Mulch	CY	60
620.56	Drainage Geotextile	SY	350
620.58	Erosion Control Geotextile	SY	14,400
621.037	Evergreen Tree (5'-6') Group GP A	EA	8
621.291	Large Deciduous Tree (4" Cal) GP A	EA	1
621.535	Deciduous Shrub (No. 3 Cont) GP A	EA	25
625.086	2 Inch Copper Tubing	LF	20
625.145	8 Inch Non-Metallic Pipe Sleeve	LF	360
625.16	2 Inch Non-Metallic Pipe	LF	780
626.111	Barrier Junction Box	EA	13
626.113	4'x4' Splice Box	EA	12
626.12	Quazite Junction Box (36x24)	EA	81
626.13	Primary Electric Manholes (CMP)	EA	6
626.22	Non-Metallic Conduit	LF	22,755
626.2214	4" Non-Metallic Conduit, Concrete Encased	LF	6,500
626.2215	5" Non-Metallic Conduit, Concrete Encased	LF	6,500
626.3321	36-inch Diameter Drilled Shaft	LF	360
626.3322	30-Inch Diameter Drilled Shaft - Rock Socket	LF	80
626.341	Light Standard Foundation	EA	65
627.18	12" Solid White Pavement Marking	LF	10,200
627.4072	Pref Pave Mark Tape Line, Groove Install	SF	2,000
627.71	4" White Pavement Marking Line	LF	1,100
627.73	Temporary 6 Inch Pavement Marking Tape	LF	3,200
627.731	Temporary 6 Inch Black Pavement Marking Tape	LF	2,000
627.744	6 Inch White or Yellow Pavement Marking Line	LF	50,700
627.75	White or Yellow Pavement & Curb Marking	SF	200
627.77	Remove Existing Pavement Marking	SF	3,400
627.781	Temporary 6 Inch Painted Pavement Marking Line -Yellow or White	LF	140,000
627.812	Temporary Raised Pavement Markers	EA	530
627.9011	Pavement Marking Symbol	EA	9
627.94	Pavement Marking Tape	LF	2,750
629.05	Hand Labor, Straight Time	HR	20
631.10	Air Compressor (Inc Operator)	HR	20
631.11	Air Tool (Inc Operator)	HR	20
631.115	Jackhammer (Inc Operator)	HR	20
631.12	All Purpose Excavator (Inc Operator)	HR	20
631.171	Truck - Small (Including Operator)	HR	20
631.18	Chain Saw Rental (Inc Operator)	HR	20
631.32	Culvert Cleaner (Inc Operator)	HR	20
631.36	Foreperson	HR	25
631.51	Bucket Truck	HR	20
631.52	Scissor Lift	HR	20
631.53	Electrician	HR	20
631.54	Electrician's Apprentice	HR	20
633.021	Propane Service Line	LF	100
634.16	Highway Lighting	LS	1
634.2042	LED Luminaires	EA	5
634.210	Conventional Light Standard	EA	5
639.18	Field Office Type A	EA	1
639.19	Field Office Type B	EA	1
641.35	Aluminum Flag Pole	EA	1
643.63	Flashing Beacon - Solar Powered	EA	4
643.712	Lane Use Signal	EA	9
645.105	Remove and Stack Sign	EA	13

Scale: **NO SCALE**

No.	Revision	By	Date
1	Remove Item 203.24	CSM	9/18

Designed by:



CONSULTANT PROJECT MANAGER: T. MORIN

	By	Date	By	Date
Designed	CSM	7-18	RRP	7-18
Drawn	AMS	7-18	TWM	7-18

JACOBS ENGINEERING GROUP
 120 ST. JAMES AVENUE
 BOSTON, MA 02116
 TEL (617) 242-9222
 FAX (617) 242-9824



THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: R. NORWOOD

YORK TOLL PLAZA

ESTIMATED QUANTITIES 1

SHEET NUMBER: QN-01

CONTRACT: 2018.20

3 OF 489

SPECIAL PROVISIONSECTION 403HOT MIX ASPHALT PAVEMENT(Pavement Table)

Course	HMA Grading	Item Number	Total Thickness	No. of Layers	Complimentary Notes
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Northbound and Southbound Mill and Pave

Surface	12.5mm	403.2081	1.5"	1	A,C,F,G,H,I,J,K,L,M,N,O
Shim	4.75	403.211	1/2"	1	B,F,J,L,N

Northbound and Southbound Shim and Pave

Surface	12.5mm	403.2081	1.5"	1	A,C,F,G,H,I,J,K,L,M,N,O
Binder	12.5mm	403.213	1.5"	1	B, F,J,L,N
Base	19.0 mm	403.207	Varies	2 1/2" max. lift	B, F,J,L,N
Shim	4.75mm	403.211	Varies 0" to 1 1/2"	1	B,F,J,L,N
Shim	12.5 mm	403.211	Varies 1 1/2" to 3"	1	B,F,J,L,N

Northbound and Southbound Full Depth Construction and Full Depth Pavement Removal

Surface	12.5mm	403.2081	1.5"	1	A,C,F,G,H,I,J,K,L,M,N,O
Binder	12.5mm	403.213	1.5"	1	B,F,J,L,N
Base	19.0 mm	403.207	7.5"	3	B,F,J,L,N

Access Road

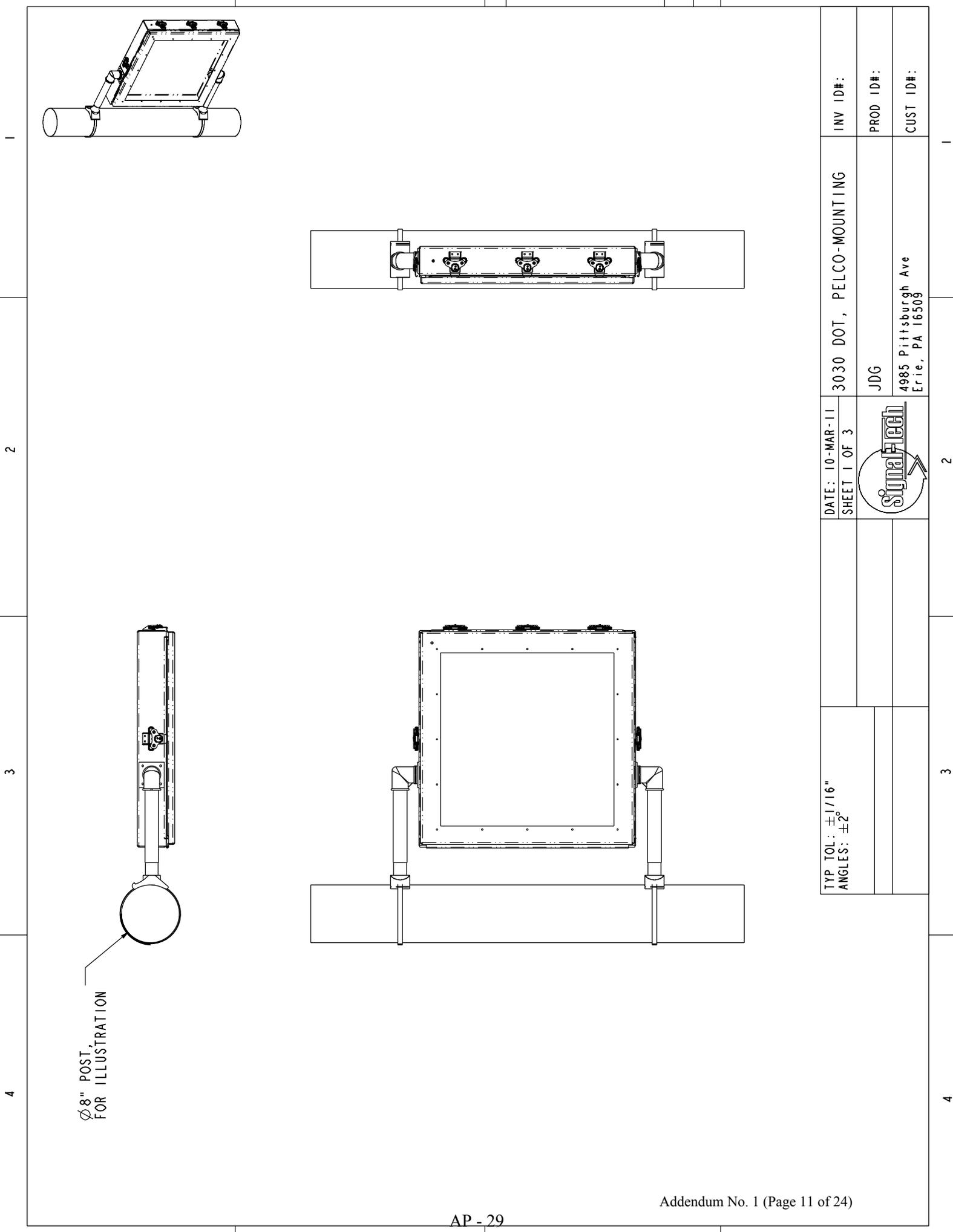
Surface	12.5mm	403.208	2"	1	B,F,J,L,N
Binder	12.5mm	403.213	2"	1	B,F,J,L,N

Parking

Surface	12.5mm	403.208	2"	1	B,F,J,L,N
Binder	12.5mm	403.213	2"	1	B,F,J,L,N
Base	19.0 mm	403.207	2 1/2"	1	B,F,J,L,N

COMPLEMENTARY NOTES

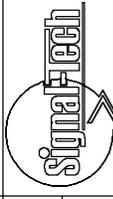
- A. The required PGAB for this mixture shall be **64E-28**.
- B. The required PGAB for this mixture shall be **64-28**.
- C. A maximum of 15 percent RAP may be used.
- D. RAP may not be used.
- E. The Maine DOT will conduct the job mix verification. The aggregate qualities shall meet the design traffic level of 3 to <10 million ESALS for mix placed under this contract. The design verification, Quality Control, and Acceptance tests for this mix will be performed at **XX gyrations**. (N design) Minimum and Maximum PGAB content shall not apply.
- F. The MTA will conduct the job mix verification. The aggregate qualities shall meet the design traffic level of 10 to <30 million ESALS for mix placed under this contract. The design verification, Quality Control, and Acceptance tests for this mix will be performed at **75 gyrations**. (N design)
- G. A material transfer vehicle (MTV) shall be used for the placement of Hot Mix Asphalt wearing surface on all roadways including acceleration and deceleration lanes and all ramps.
- H. Joints shall be constructed as the “notched wedge” type in accordance with Subsection 401.17.
- I. Joint density will be measured in accordance with Subsection 401.165.
- J. Tack coat shall be applied between all layers of pavement at a rate of 0.04 G/SY.
- K. PGAB shall conform to the provisions of 403.02 – Polymer Modified PGAB for HMA
- L. The Contractor shall furnish a quality control technician equipped with an approved densometer to ensure density requirements are met.
- M. Hydrated Lime shall be incorporated into the mixture.
- N. No vehicular loads shall be permitted on newly completed pavement until adequate stability has been attained and the material has cooled sufficiently to prevent distortion or loss of fines. The newly paved area may be opened to traffic after the internal temperature of the pavement has cooled to 120° F. The Resident will test the internal temperature of the pavement and shall be the sole judge as to the opening to traffic. The period of time before opening to traffic may be extended at the discretion of the Resident. The lane closure may not be removed until the internal temperature has cooled to 120° F.
- O. The warm mix/antistrip additive Zycotherm manufactured by Zydex industries shall be incorporated into the PGAB at a rate of 0.1%.



Ø8" POST,
FOR ILLUSTRATION

TYP TOL: ±.1/16"
ANGLES: ±2°

DATE: 10-MAR-11
SHEET 1 OF 3



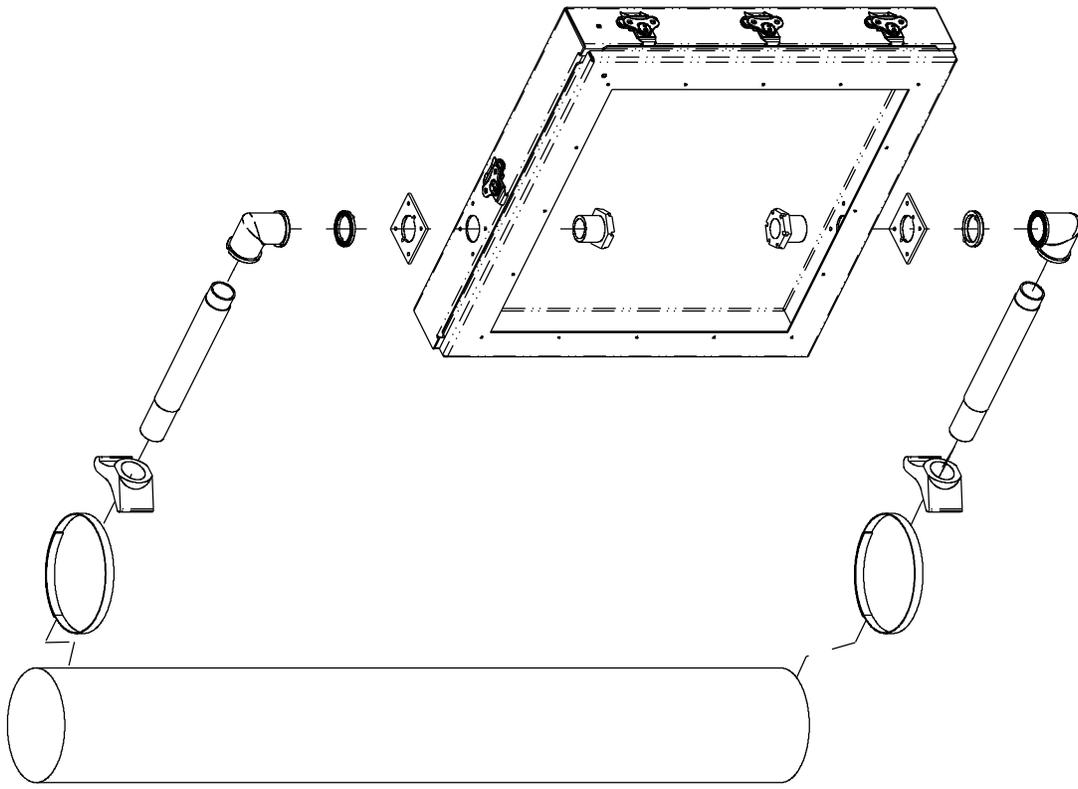
3030 DOT, PELCO-MOUNTING

JDG
4985 Pittsburgh Ave
Erie, PA 16509

INV ID#:

PROD ID#:

CUST ID#:



TYP TOL: $\pm 1/16"$
 ANGLES: $\pm 2^\circ$

DATE: 10-MAR-11
 SHEET 2 OF 3



3030 DOT, PELCO-MOUNTING

INV ID#:

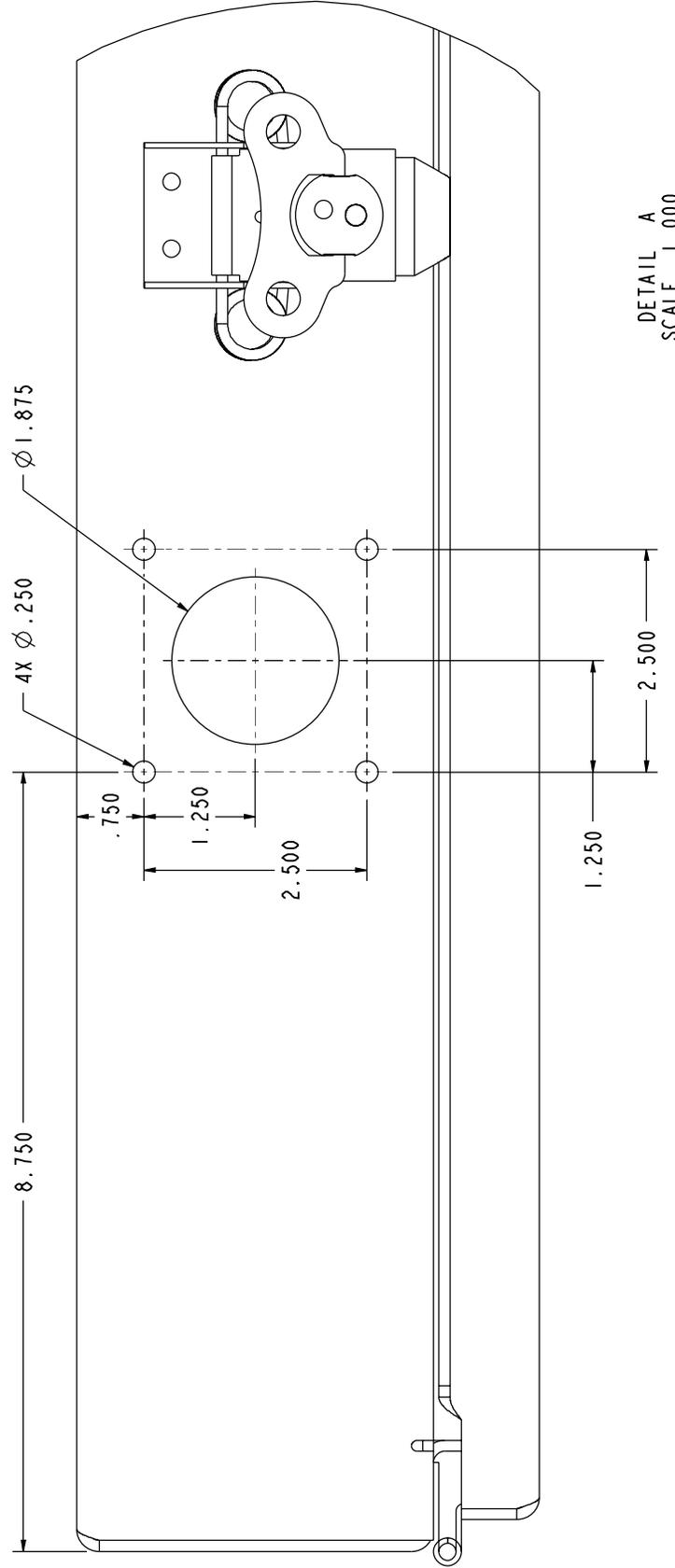
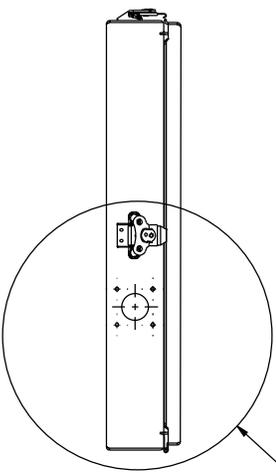
JDG

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CUST ID#:

4985 Pittsburgh Ave
 Erie, PA 16509

4 3 2 1



AP - 31

Addendum No. 1 (Page 13 of 24)

TYP TOL: $\pm 1/16"$ ANGLES: $\pm 2^\circ$	DATE: 10-MAR-11 SHEET 3 OF 3	3030 DOT, PELCO-MOUNTING	INV ID#:
		JDG	PROD ID#:
		4985 Pittsburgh Ave Erie, PA 16509	CUST ID#:

4 3 2 1

MAINE TURNPIKE AUTHORITY

Pre-Bid Conference

CONTRACT 2018.20

YORK TOLL PLAZA

MILE 8.8

September 18, 2018 10:00 a.m.

1) Location:

The general limits of work are at Mile 7.9 (Station 295+00) to Mile 9.6 (Station 383+50) in York, Maine.

2) General Description:

The Project consists of highway, structures, building and site work required to construct a new toll facility. The work at Mile 8.8 consists of constructing six (6) open, high-speed (70 mph) E-ZPass center lanes (3 in each direction) with overhead space frame gantries supporting electronic toll collection equipment, nine (9) cash lanes with toll booths (4 northbound and 5 southbound) with canopies, reconstruction of mainline to accommodate approach and departure lanes at the new toll plaza, construction of a precast pedestrian tunnel for employee access and utilities, driveway from Chases Pond Road, parking lot and Administration Building. The work includes earthwork, pavement, concrete, signing, overhead sign structures, concrete barrier, guardrail, mechanical work, electrical work, lighting and lightning suppression systems. The work also includes the installation of tolling equipment in the tunnel, canopy, and toll booth, maintenance of traffic and all other work incidental thereto in accordance with the Plans and Specifications.

Coordination with the toll system integrator for toll equipment installation and commissioning will be required.

3) Bid:

a) October 11, 2018 at 11:00 a.m. at MTA Headquarters 2360 Congress Street, Portland.

b) Bids will be accepted from Contractors prequalified by the Maine Department of Transportation for Bridge Construction Projects. All other bids will be rejected. In addition, Contractors submitting bids must be themselves or utilize a Highway subcontractor prequalified by the Maine Department of Transportation for Highway, a building subcontractor pre-qualified by the Maine Department of Transportation for Buildings and an electrical subcontractor prequalified by the Maine Department of Transportation for Traffic Signals and Lighting Projects. All other bids may be rejected.

Prequalification process has closed. Only contractors already prequalified by MaineDOT in bridge or those contractors who submitted by September 14 to the Authority who are deemed prequalified by the Authority will be allowed to bid. Any contractor who submitted by September 14, will be notified by September 21 if deemed prequalified.

- c) All bid and contractual questions shall be directed to Purchasing Department, Phone No. (207) 482-8115.
- d) All questions on plans and specifications shall be in writing and shall be directed (faxed) to Purchasing Department, of the Maine Turnpike Authority. Fax No. (207) 871-7739 or ncarll@maineturnpike.com.

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 startre@maineturnpike.com.

5) Maine Department of Labor – Fair Hourly Wages (Special Provision 104.3.8)

- a) Highway and Earthwork
- b) Heavy and Bridge
- c) Building 2 (other than 1 & 2 family homes)

6) General Requirements

- a) U-Turns at toll plazas and median openings not allowed, subject to fines. (Supplemental Specifications 105.5.1)
- b) Contractor access to and from the mainline shall not negatively impact mainline traffic flow. The Contractor may be required to establish lane closures to provide for safe access. Refer to Special Provision 652, Specific Project Maintenance of Traffic Requirements, for lane closure requirements and restrictions.
- c) All vehicles used on the Project, including concrete delivery trucks, shall be equipped with amber flashing beacons in accordance with the General Provision 652.61.
- d) Class III safety vests must be worn at all times in accordance with Supplemental Specifications 652.3.2.

7) Furnishing of Permits (Special Provision 104.2.2)

The Contractor shall obtain the following permits:

State Electrical and State Plumbing permits.

The Contractor will not obtain permits from the Town of York.

8) Workers and Equipment (Special Provision 104.3.4)

This Subsection is amended by the addition of the following paragraph:

The Contractor shall provide a competent, English-speaking Project Manager experienced in the type of Work being performed that will be responsible for the daily management of the York Toll Plaza Project. Two weeks prior to the preconstruction meeting the Contractor shall submit a detailed resume of the proposed Project Manager for MTA approval. The Project Manager shall have significant experience managing and completing projects on schedule which had contract values in excess of \$10 million. In addition, the Project Manager shall have significant experience managing and scheduling sub-contractors. If MTA does not approve the submitted Project Manager the contractor shall propose another Project Manager until an acceptable Project Manager to the MTA has been submitted. Substitution of the project manager will not be allowed without written permission from the MTA. The Project Manager shall have full authority to manage the Work in accordance with the Contract and will be responsible for managing the work of the Contractor's employees and all Subcontractor's present. The Project Manager and the Project Superintendent shall not be the same person. Such Project Manager must be provided regardless of the amount of Work being done.

9) Utility Coordination (Special Provision 104.4.6)

The project requires utility coordination summarized as follows:

- a) The contract includes the installation 1,600 linear feet of 16-inch ductile iron water main and associated appurtenances as depicted within the design plans. The water main installation work shall be completed by March 1, 2019 (refer to Special Provision 822 Water Supply Main).
 - All water supply main work, materials, and installation procedures shall adhere to the requirements and specifications stated within the York Water District Special Provisions – Water Main and Appurtenances, revised August 2018 or latest revision. Attached in Appendix G.
 - Contractor shall coordinate all work with York Water District for required inspections, testing, and notifications.
- b) Central Maine Power will be extending Three Phase primary power from Chases Pond Road to proposed Maine Turnpike Authority Administrative building. Provide electrical service for a streetlight at Chases Pond Road. Central Maine Power Company is the pole owner along Chases Pond Road. Contractor will be responsible for any temporary power that is needed on site.
- c) Consolidated Communications (successor to Fairpoint Communications) will extend communication line from Chases Pond Road to proposed Maine Turnpike Authority Administrative building.
- d) Spectrum Cable Television will extend communication line from Chases Pond Road to

proposed Maine Turnpike Authority Administrative building.

10) Cooperation With Other Contractors (Special Provisions 104.4.7)

- a) MTA Contract 2017.08 – Guide Sign Contracts (2017 – 2019), MTA bridge reconstruction projects at Mountain Road (2019), Littlefield Road (2020), existing York Toll Plaza Demolition (2021), and MaineDOT I-95 Maine/New Hampshire Bridge Wearing Surface project.

11) Use of Explosives (Special Provision 105.2.5)

- a) The use of explosives requirements outlined in Special Provision 105.2.7 replaces the subsection 105.2.7 of the supplemental specifications incorporating specific provisions required by the projects MDEP permits and Site Law General Permit Authorization. Revisions include but are not limited to the following:
 - Prior to start of blasting work, the Contractor shall conduct a pre-blast condition survey of all existing structures and conditions on the site, adjacent to the site, or in the vicinity of the site. This survey shall extend to such structures or conditions as may be affected by the Contractor's construction operations. Surveys shall be performed on all structures within 2000 feet of anticipated blasting areas unless the radius can be reduced using the formula at 38 M.R.S. §490-Z(14)(F)(3). As a minimum condition surveys shall be performed on all structures within 500 feet of anticipated blasting. Testing of wells within the pre-blast survey area is required.
 - Definitions of the alternative Blasting Level Criteria
 - Provisions related to police details and time limitations for stoppage of traffic on the turnpike mainline
 - Traffic control provision related to closing local streets during periods of blasting

12) Permit Requirements (Special Provision 105.8.2)

- a) The Project is being permitted under the Maine Department of Environmental Protection (MDEP) Site Location of Development Act General Permit for the Maine Turnpike Authority (MTA GP). A copy of the MTA GP is attached in Appendix H. A copy of the MDEP Approval Order is attached in Appendix I.
- b) The project is permitted under a Tier 3 Natural Resources Protection Act (NRPA) issued by MDEP. A copy of the permit MDEP Approval Order is attached in Appendix I.
- c) The Project permitted through the US Army Corps of Engineers Programmatic General Permit, Category 2 (General Permit Authorization dated October 13, 2015 through October 13, 2020). A copy of the USACE General Permit Authorization Letter is attached in Appendix J and a copy of the Maine General Permit is attached in Appendix K.
- d) Compliance with the Maine Pollutant Discharge and Elimination System (MPDES) General Permit for the Discharge of Stormwater from MTA's Municipal Separate Storm Sewer

Systems (MS4) requirements outlined in this Contract is required by the Contractor. Including the requirements of MaineDOT Best Management Practices (latest issue), subject to fine in accordance with Supplemental Specifications 105.8.1.

- e) The preliminary Limit of Disturbance (LOD) Plan for this Contract, has been submitted to MDEP part of the Notice of Intent (NOI) for the MTA-GP and has been estimated to be 34 acres. The Contractor shall prepare and submit a final Limit of Disturbance (LOD) plan.
 - This Plan shall be submitted for review and approval, to the Resident within 14 days of Contract award.
 - The Contractor's LOD plan shall illustrate Contract limits of earthwork disturbance, all construction access locations, field office locations, material and temporary waste storage locations, and applicable erosion and sedimentation control devices.
 - At any time during the Contract, if the Limit of Disturbance needs to be adjusted, the Contractor shall resubmit the LOD plan (including any additional erosion and sedimentation control measures needed) to the Resident for review and approval prior to any additional disturbance.
 - Changes in the limit of disturbance may require resubmittal of the NOI for MaineDEP approval and/or modifications to the project permits. Any re-approvals that are necessary, will take several weeks or longer to complete. The Contractor is not entitled to any additional compensation for time delays to acquire any amended LOD approvals. No additional clearing will be allowed within the turnpike right of way, including along the utility building access road for contractor staging areas.

13) Construction Schedule/Prosecution of Work:

- a) October 18, 2018 – Contract award considered at MTA Board Meeting
- b) November 2018 – Anticipated Contract start
- c) March 1, 2019 - Construction and testing of the water main shall be completed.
- d) June 21, 2021 - Contract Completion date
- e) Contract completion date is defined as the required completion date of all Work including punch list items pursuant to the Contract, except the landscape establishment period and warranty work.
- f) Liquidated damages on a calendar day basis in accordance with Subsection 107.4.6 shall be assessed for each calendar day that project completion is not achieved.

14) Limitations of Operations

- a) Existing Toll Plaza will remain open during construction.
- b) Wide loads will be allowed to safely pass through the Project area during daylight hours as authorized by the Authority unless otherwise approved. Wide loads are restricted from

moving on the Turnpike from a half hour after sunset until a half hour before sunrise. The request to implement wide load restrictions must be made two weeks in advance.

- c) The Contractor will be allowed to mill the entire work area prior to beginning the paving operation in the work area provided the milled areas can be surfaced within two weeks. Temporary bituminous ramps, incidental to paving operation, shall be a minimum 5' per inch of pavement elevation change and will be required at all butt joints. The Contractor shall submit a milling and paving schedule for review and acceptance.
- d) The Contractor shall use I-95 mainline for hauling and delivery of materials and equipment for the construction of this project. Chases Pond Road shall not be used by the Contractor for hauling and delivery of materials and equipment for construction of this contract, except for the construction of the proposed access road, parking lot and administration building. Chases Pond Road shall be the responsibility of the Contractor to properly repair to original condition, as determined by the Resident.

15) Traffic Control (Special Provision Section 652):

- a) Phase 1 provides a long-term right shoulder closure with three 12' travel lanes in existing location. Right shoulders reduced to 4'. Construct temporary and permanent widening to accommodate phase 2 traffic.
- b) Phase 2 shifts traffic to outside on temporary and permanent pavement.
- c) Phase A consists of a full depth construction area requiring short term lane closures. See specifications for restrictions on allowable lane closure times and dates.
- d) Phase B consists of full depth and drainage construction north of proposed plaza. This phases requires short term lane closures. See specifications for restrictions on allowable lane closure times and dates.

16) Specific Contract Items

- a) Section 503 - GFRP reinforcing is required for the ORT roadway slabs and portions of the cash lane structural concrete pavement slabs to provide for minimum required clearances between steel materials and the tolling equipment (roadway detection loops). Field bending of GFRP is not allowed.
- b) Section 504 – Structural Steel
 - i) Toll Plaza Canopies - The Contractor shall install new canopies over the new NB and SB cash lanes. The canopy installations shall include shop painted structural steel, EPDM roofing system, canopy roof and toll booth pit drains from the canopy roof to the tunnel underdrain and roadway drainage system as shown on the plans, and all electrical and toll systems mounted to or routed through the canopy, installation of canopy sign supports, coordination with the installation of canopy signs and luminaires and all other attachments, and all material, labor, equipment, and incidentals required to complete the work.

- ii) Space frame gantries - Space frame steel framing, support posts and mounting bracket assemblies at the new NB and SB gantries shall be hot-dipped galvanized.
- iii) Metal Stairs - Metal stairs are located within the stair enclosures at four cash toll islands. The stairs shall consist of steel stringers and framing; steel pans for concrete infill stair treads, platforms, and landings; steel risers; and steel tube handrails attached to the concrete walls adjacent to the metal stairs.
- c) Section 506 – Shop Coating Application
 - i) This includes the shop cleaning and painting of steel framing at canopies, stair enclosures, and handrails within the tunnel staircases including all connection components (plates, blocks, etc.).
 - ii) Note the strict qualification and quality control requirements
- d) Section 511- Temporary Earth Support Systems – Lump sum
 - i) Temporary earth support structures and systems shall also include temporary structures or systems that are left-in-place if needed to accomplish the phasing of work as shown on the plans or at the Contractor’s option. Any temporary materials left-in-place shall be designed and located to avoid any interference with, or other detriment to, the subsequent work and completed project. This includes the operation of the tolling equipment. Any temporary materials left-in-place shall be subject to review and approval by the Engineer.
- e) Section 515 – Protective Coating for Concrete Surfaces
 - i) Epoxy overlay is applied to sensor loops as shown on the plans.
- f) Section 526 – Temporary Concrete Barrier Type I – Supplied by Authority
 - i) 4,000 linear feet will be available for use on this contract, the concrete barrier sections are stored at the Kennebunk Motel Site Mile 25.5 and shall be returned there.
- g) Section 526 – Concrete Barrier
 - i) This contract calls for both cast in place and precast barrier section.
 - ii) Overhead sign structure foundations integrated into barrier.
 - iii) Highway lighting foundations integrated into barrier.
 - iv) Concrete barrier heights vary from 4’ to 6’6”.
 - v) Concrete barrier widths vary from 1’6 5/8” to 4’.
- h) Section 535- Precast Concrete Tunnel
 - i) This work shall consist of furnishing and installing precast concrete tunnel sections into one continuous unit in accordance with these Specifications and in conformity with the lines, grades, and dimensions shown on the Plans. The tunnel shall consist of individual concrete sections connected together via connection rods located within the sides of the segments and extending across the lap joints of each segment. The precast concrete tunnel in its final configuration shall be watertight. Underground precast concrete shall include precast stairwells.
 - ii) Voids and penetrations for utilities shall be shown on the shop drawings. Steel reinforcement layout shall be predetermined to avoid conflicts with penetrations. Penetrations shall be formed with sleeves prior to casting of the segments. Field drilling will not be permitted without written consent from the Engineer of Record and unless indicated otherwise on the plans or specifications.
 - iii) Note cast-in-place tunnel sections are shown on the Plans to connect the precast tunnel to the Administration Building basement and to connect the precast stair sections to the precast tunnel. Reinforcement for cast-in-place sections has been designed by Engineer

- whereas for reinforcement in precast sections shall be designed by the Contractor.
- i) Section 605 - 12 Inch Underdrain Type C
 - i) Consist of furnishing and installing 12-inch diameter PVC SDR35 pipe with perforations and fittings for the precast concrete tunnel underdrain at the locations as shown on the Plans or as approved by the Resident.
 - ii) When elbows, tees, wyes, or other special fittings are required in underdrain, each fitting shall be included for payment as 3 additional linear feet of the largest pipe size involved.
 - j) Section 606 – Guardrail
 - i) The Guardrail run shall be the 31” W-Beam Guardrail – Mid-way Splice system.
 - ii) The FLEAT shall be for use with the 31” W-Beam Guardrail – Mid-way Splice system.
 - k) Section 607 – Fences
 - i) Right of way Fence with Habitat Barrier is standard right of way fencing modified to include additional 5/8” wire mesh along the bottom fence and embedded 6” into the soil. Payment for the fencing includes all clearing and excavation to install the fence and embed the habitat barrier mesh.
 - l) Section 634 – Highway Lighting
 - i) All Contract work shall be overseen by a Maine Licensed Master Electrician. The lead person for the field installations shall be either a Maine Licensed Master Electrician, or a Maine Licensed Journeyman Electrician.
 - ii) The Contractor may submit an alternate LED fixture for review and acceptance or rejection. Any alternative LED fixture will need to meet or exceed the performance and efficiency of the specified fixtures. Should the Authority not accept the Contractor’s proposed substitution the Contractor shall provide the specified fixture at no additional cost to the Authority. Any alternative LED fixture submittal shall include a photometric analysis to be reviewed for the areas for which it shall be used and shall have comparable light levels and uniformity ratio to the design fixture used on the project.
 - m) Section 645 – Overhead Guide Sign
 - i) Retains Section 645 of State of Maine, Department of Transportation, Standard Specifications, Revision of November 2014.
 - ii) Requires the design, materials and fabrication of sign support structures shall meet the requirements of the current edition of AASHTO "Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals".
 - iii) The Contractor shall be responsible for the design of the support structures excluding foundations. Payment for foundations is included under separate cast-in-place concrete, reinforcement and drilled shaft pay items and are not included under Item Nos. 645.121 through 645.128 for overhead guide sign structures.
 - iv) The foundations shall consist of cast-in-place reinforced concrete drilled shafts. Drilled shafts shall not be permanently cased; concrete shall be cast directly against the surrounding soil.
 - v) Geotechnical report provides foundation design soil parameters. Geotechnical Report is posted on MTA Website.
 - n) Section 670 Sewage Disposal System
 - i) Appendix A – Subsurface Wastewater Disposal System Application contains the design.
 - ii) Before any portion of the work can be backfilled, the Contractor shall make

- arrangements to have the Plumbing Inspector inspect the work. Backfilling shall proceed pursuant to approval of the work by the Plumbing Inspector.
- o) Section 800 - Toll Administration Building- Lump Sum
 - i) Contractor should note all work items listed in Section 800.2 Work Included.
 - ii) Division 800 contains the specifications for the building and specifications referenced in the Special Provisions for various toll plaza structures.
 - iii) Work for designing, furnishing and installing the radon mitigation system; excavating rock and soil to install foundations and the basement slab; and filling and backfilling for building utilities, foundations and basement slab will be measured and paid for separately and not included in the lump sum for the Toll Administration Building.
 - iv) For warranty items the warranty period is from the date of project completion.

17) Questions:

**2018.20 YORK TOLL RELOCATION
PRE-BID
MEETING SIGN-IN SHEET**

Meeting Date: September 18, 2018 10AM

Place/Room: MTA Conf. Room E & F

Name	Title	Company	Phone	E-Mail
Eric Barnes		MTA	482-8374	ebarnes@maineturnpike.com
Bruce Munger		HNTB	252-4507	bmunger@hntb.com
Bill Scott		CANBRO	679-2254	Bill WSCOTT@CANBRO.COM
Thomas Morin		Jacobs	617-963-3632	Thom.Morin@Jacobs.com
DAN RILEY		SEBARD TECH	207 615 7912	DRILEY@SEBARDTECHNICS.COM
Nate Corill		MTA	482-8115	nccorill@maineturnpike.com
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KRISTE- LUCAS		SHAW EBOS	839-2558	KLUKASE.SHAUBROTHERS.COM
Ken Johnson		Modular	617-719-5008	Ken@Modular.com
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Mike Adams		Canneston	207 621 2805	michael@canneston.com

**2018.20 YORK TOLL RELOCATION
PRE-BID
MEETING SIGN-IN SHEET**

Meeting Date: September 18, 2018 10AM

Place/Room: MTA Conf. Room E & F

Name	Title	Company	Phone	E-Mail
MARIO M GAZZELL		E.S. Boulos	207-212-2654	mgazell@ESBoulos.com
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Phil Nunley		Harrison DeLuca	207-229-9810	snunley@thehissongroup.com
Brett Dayan		MD + B	207-203-1689	bdayan@mdandb.com
Will Purington		MD + B	207-240-8829	wpuringtonii@mdandb.com
Steve Tarfre		MTA	207 831 5914	sttarfre@mainetrapke.com