

MAINE TURNPIKE AUTHORITY

ADDENDUM NO. 3

CONTRACT 2018.19

BRIDGE REPLACEMENT

CUMMINGS ROAD UNDERPASS

MILE 44.6

The bid opening date is Tuesday 10/30/2018 at 11:00 am.

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

NOTICE TO CONTRACTORS

Page N-1, the proposal opening date in the first sentence shall be changed to October 30, 2018.

PROPOSAL

Proposal Sheets P-6 through P-13 are deleted and replaced with new Proposal Sheets P-6 through P-13 with revision dates of 10/18/2018, attached hereto. The revisions to these proposal sheets is to modify the quantity of Item 526.306, Temporary Concrete Barrier, Type I – Supplied by Authority and add Item 526.301, Temporary Concrete Barrier, Type I.

SPECIFICATIONS

- Page SP-2 Special Provision Section 103.4 Notice of Award is removed in its entirety and replaced with the following:

The following sentence is added:

The Maine Turnpike Authority is scheduled to consider the Contract Award on November 1, 2018.

- Page SP-107 Special Provision Section 639.04 Instrumentation (Geotechnical Instrumentation), the fifth paragraph beginning with “The Contractor is required to read...” is removed in its entirety and replaced with the following:

The Authority, or the Authority’s authorized representative, will read the piezometers at the end of each working day, during the filling period and for a period of 10 Working days after embankment construction. The piezometers will be read by the Authority once per week for the remainder of the preload duration.

- Special Provision Section 526 Concrete Barrier (Temporary Concrete Barrier Type I), attached hereto, is added as pages SP-62a and SP-62b.
- Page SP-66 Special Provision Section 526.01 Concrete Barrier (Temporary Concrete Barrier Type I – Supplied by Authority, Linear Feet of Barrier shall be revised to 200.

PLANS

Plan Sheet EQ-01, sheet 2 Estimated Quantities, is being reissued for a revision to Item 526.306, Temporary Concrete Barrier, Type I – Supplied by Authority and the addition of Item 526.301, Temporary Concrete Barrier, Type I.

References made to “Temporary Concrete Barrier, Type I – Supplied by Authority” and “Item 526.306” throughout the Plans, with the exception of Sheet EQ-01, sheet 2 Estimated Quantities and the 200’ of temporary concrete barrier on the Turnpike adjacent to the northbound off ramp and existing Pier 1, shall be changed to “Temporary Concrete Barrier, Type I” and “Item 526.301”, respectively. These changes shall be made in pen and ink.

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.

Question 1: Would bonded drains, like Colbond, be accepted in lieu of non-bonded drains?

Answer: Bonded wick drains may be utilized, provided all characteristics/requirements of Special Provision 209 are met.

Question 2: Does the option to work on Cummings Road from 9AM to 3PM also apply to guardrail work or is it only available for earthwork and paving?

Answer: In accordance with Special Provision 107.4.6, Prosecution of Work, guardrail shall be installed after the entire roadway width has been constructed. At this stage of construction, the roadway is deemed sufficiently wide to maintain 2 lanes of traffic at all times for guardrail installation.

ATTACHMENTS

- Proposal Sheets P-6 through P-13 (Revised 10/18/18) (8 pages)
- Additional Special Provision (2 pages)
- Revised Plan Sheets (1 pages)

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

The total number of pages included with this addendum is fourteen (14).

All bidders are requested to acknowledge the receipt of the Addendum No. 3 by signing below and faxing this sheet to Nathaniel Carll, Purchasing Department, Maine Turnpike Authority at 207-871-7739. Bidders are also required to acknowledge receipt of this Addendum No. 3 on Page P-14 of the bid package.

Business Name

Print Name and Title

Signature

Date

October 18, 2018

Very truly yours,

MAINE TURNPIKE AUTHORITY

Nathaniel Carll
Purchasing Department
Maine Turnpike Authority

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
BROUGHT FORWARD:							
520.21	Expansion Device - Gland Seal (150 LF)	Each	2				
523.52	Bearing Installation	Each	28				
523.5401	Laminated Elastomeric Bearings, Fixed	Each	7				
523.5402	Laminated Elastomeric Bearings, Expansion	Each	21				
524.40	Protective Shielding - Steel Girders	Square Yard	2,050				
526.301	Temporary Concrete Barrier, Type I (2,660 LF)	Lump Sum	1				
526.304	Temporary Concrete Barrier, Anchored (440 LF)	Lump Sum	1				
526.306	Temporary Concrete Barrier, Type I - Supplied by Authority (200 LF)	Lump Sum	1				
527.341	Work Zone Crash Cushions - TL-3	Unit	2				
527.342	Work Zone Crash Cushions - TL-2	Unit	2				
603.169	15 Inch Culvert Pipe Option III	Linear Foot	20				
604.184	Rebuild Catch Basin to Grade - Type II	Each	1				

CARRIED FORWARD:

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
BROUGHT FORWARD:							
604.301	Special Catch Basin - Bioscape Vault Basin	Each	1				
604.302	Special Catch Basin - Standard Offline Basin	Each	2				
605.10	6 inch Underdrain Outlet	Linear Foot	20				
606.13	31" W-Beam Guardrail - Mid-Way Splice (7' Steel Post, 8" Offset Blocks, Single Faced)	Linear Foot	970				
606.1306	31" W-Beam Guardrail - Mid-Way Splice Tangential Terminal (31" Height)	Each	2				
606.1351	Terminal End - Anchored End - 31" W-Beam Guardrail	Each	2				
606.1723	Bridge Transition Type III	Each	4				
606.178	Guardrail Beam	Linear Foot	820				
606.24	Guardrail Type 3d - Single Rail	Linear Foot	50				
606.278	Terminal End - Anchored End	Each	2				
606.352	Reflectorized Beam Guardrail Delineator	Each	7				
606.356	Underdrain Delineator Post	Each	2				

CARRIED FORWARD:

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
BROUGHT FORWARD:							
606.3561	Delineator Post - Remove and Reset	Each	9				
606.3605	Guardrail - Remove, Modify and Reset Single Rail	Linear Foot	390				
606.3606	Guardrail - Remove, Modify and Reset Double Rail	Linear Foot	220				
606.47	Single Wood Post	Each	1				
606.48	Single Galvanized Steel Post	Each	96				
607.17	Chain Link Fence – 6 foot	Linear Foot	690				
607.23	Chain Link Fence Gate	Each	2				
607.32	Bracing Assembly Type I - Metal Posts	Each	6				
607.33	Bracing Assembly Type II - Metal Posts	Each	8				
609.11	Vertical Curb Type 1	Linear Foot	62				
609.12	Vertical Curb Type 1 - Circular	Linear Foot	43				
609.15	Slope Curb Type 1	Linear Foot	950				

CARRIED FORWARD:

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
BROUGHT FORWARD:							
609.234	Terminal Curb Type 1 - 4 foot	Each	1				
609.2341	Terminal Curb Type 1 - 4 foot - Circular	Each	1				
609.31	Curb Type 3	Linear Foot	950				
609.38	Reset Curb Type 1	Linear Foot	80				
610.08	Plain Riprap	Cubic Yard	250				
610.181	Temporary Stone Check Dam	Cubic Yard	2				
613.319	Erosion Control Blanket	Square Yard	6,150				
615.07	Loam	Cubic Yard	1,200				
618.13	Seeding Method Number 1	Unit	9				
618.14	Seeding Method Number 2	Unit	87				
619.1201	Mulch, Plan Quantity	Unit	96				
619.1202	Temporary Mulch	Lump Sum	1				

CARRIED FORWARD:

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
BROUGHT FORWARD:							
620.58	Erosion Control Geotextile	Square Yard	140				
620.70	HDPE Geomembrane	Square Yard	4,950				
626.33	30 Inch Foundation, 8 feet or less Foundation	Each	2				
627.712	White or Yellow Pavement Marking Line	Linear Foot	10,700				
627.73	Temporary 6 Inch Pavement Marking Tape	Linear Foot	1,300				
627.75	White or Yellow Pavement & Curb Marking	Square Foot	130				
627.77	Removing Existing Pavement Marking	Square Foot	9,600				
627.78	Temporary Pavement Marking Line, White or Yellow	Linear Foot	22,100				
627.812	Temporary Raised Pavement Markers	Each	2,600				
629.05	Hand Labor, Straight Time	Hour	60				
631.10	Air Compressor (including operator)	Hour	20				
631.11	Air Tool (including operator)	Hour	40				

CARRIED FORWARD:

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
BROUGHT FORWARD:							
631.12	All Purpose Excavator (including operator)	Hour	10				
631.171	Truck - small (including operator)	Hour	35				
631.172	Truck - large (including operator)	Hour	35				
631.22	Front end loader (Including Operator)	Hour	35				
631.32	Culvert Cleaner (including Operator)	Hour	10				
631.36	Foreman	Hour	20				
639.18	Field Office, Type A	Each	1				
639.26	Instrumentation - Geotechnical	Lump Sum	1				
645.109	Remove and Reset Sign	Each	1				
645.272	Regulatory, Warning and Bridge Number Signs, Type I - Supplied by Authority	Each	2				
645.292	Regulatory, Warning, Confirmation and Route Marker Assembly Signs Type II	Each	2				
645.503	Remove and Reset Bridge Mounted Guide Sign to Ground Mounted	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:							
645.504	Remove and Reset Mainline Sign	Lump Sum	1				
646.091	Settlement Platforms	Lump Sum	1				
652.30	Flashing Arrow	Each	2				
652.312	Type III Barricades	Each	18				
652.33	Drum	Each	170				
652.34	Cone	Each	80				
652.35	Construction Signs	Square Foot	1,200				
652.361	Maintenance of Traffic Control Devices	Lump Sum	1				
652.38	Flaggers	Hour	1,400				
652.41	Portable-Changeable Message Sign	Each	3				
652.45	Truck Mounted Attenuator	Calendar Day	130				
652.452	Automated Trailer Mounted Speed Limit Sign	Each	2				

CARRIED FORWARD:

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
BROUGHT FORWARD:							
656.50	Baled Hay, in place	Each	25				
656.60	Temporary Berms	Linear Foot	2,100				
656.62	Temporary Slope Drains	Linear Foot	200				
656.632	30 inch Temporary Silt Fence	Linear Foot	6,000				
659.10	Mobilization	Lump Sum	1				
TOTAL:							

SPECIAL PROVISIONSECTION 526CONCRETE BARRIER

(Temporary Concrete Barrier Type I)

526.01 Description

The following paragraphs are added:

The work also includes supplying connecting pins and furnishing and mounting retro-reflective delineators, per Subsection 526.02 and 526.03.

526.02 Materials

The following paragraphs are added:

- f. Delineators shall be bi-directional with a minimum effective reflective area of eight square inches as approved by the Resident. The reflectors shall be methyl methacrylate and the housing of acrylonitrile butadiene styrene. Color shall be in accordance with the MUTCD.

526.03 Construction Requirements

The following paragraphs are added:

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

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

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

Retro-Reflective Delineators shall be mounted as follows:

- One on top of each barrier.

- One on the traffic side of every barrier used in a taper.
- One on the traffic side of every other barrier at regularly spaced intervals and locations.
- Delineators shall be installed on both sides of the barrier if barrier is used to separate opposing traffic.
- Delineators shall be physically adhered so as to withstand the force of throw from a snow plow.
- If more than 25% of delineators in any 50 foot section of barrier fall off for any reason, the Contractor will be responsible for reinstalling all the delineators in that run at that their own cost.
- Contractor is required to submit the installation method for review and approval to the Resident.

526.04 Method of Measurement

The following paragraphs are added:

Payment for furnishing, installing and maintaining retro-reflective delineators will not be measured for payment separately but shall be incidental to the Temporary Concrete Barrier Pay Item.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
526.301 Temporary Concrete Barrier, Type I	Lump Sum

Date: 10/18/2018

ITEM NO.	ITEM DESCRIPTION	UNIT	CIVIL QUANTITY	BRIDGE QUANTITY	TOTAL QUANTITY
201.11	Clearing	AC	2		2
202.19	Removing Existing Bridge (Structural Steel = 112 Tons, Concrete = 580 CY)	LS		1	1
202.202	Removing Pavement Surface	SY	1120		1,120
203.20	Common Excavation	CY	18,600		18,600
203.24	Common Borrow	CY	10,000		10,000
203.25	Granular Borrow	CY	850	650	1,500
203.43	Geofoam Lightweight Fill	CY	5,400		5,400
203.45	Leveling Sand	CY	1,450		1,450
203.46	Sand Drainage Blanket	CY	3,800		3,800
206.082	Structural Earth Excavation - Major Structures, Plan Quantity	CY		600	600
206.10	Structural Earth Excavation - Piers	CY		690	690
209.29	Prefabricated Vertical Drains	LF	183,000		183,000
304.10	Aggregate Subbase Course - Gravel	CY	4,900		4,900
304.14	Aggregate Base Course - Type A	CY	800		800
403.207	Hot Mix Asphalt, 19.0 mm Nominal Maximum Size	TON	950		950
403.208	Hot Mix Asphalt, 12.5 mm Nominal Maximum Size	TON	760	400	1,160
403.2084	Hot Mix Asphalt, 12.5 mm Nominal Maximum Size (sidewalks, drives, islands & incidentals)	TON	40		40
403.212	Hot Mix Asphalt, 4.75 mm Nominal Maximum Size	TON	30		30
403.213	Hot Mix Asphalt, 12.5 mm Nominal Maximum Size (Base and Intermediate Course)	TON	570		570
409.15	Bituminous Tack Coat, Applied	GAL	430	160	590
419.30	Sawing Bituminous Pavement	LF	990		990
501.231	Dynamic Loading Test	EA		4	4
501.54	Steel H-beam Piles 117 lb/ft, delivered	LF		11,300	11,300
501.541	Steel H-beam Piles 117 lb/ft, in place	LF		10,600	10,600
501.90	Pile Tips	EA		112	112
501.91	Pile Splices	EA		336	336
501.92	Pile Driving Equipment Mobilization	LS		1	1
502.219	Structural Concrete, Abutments and Retaining Walls (635 CY)	LS		1	1
502.239	Structural Concrete, Piers (593 CY)	LS		1	1
502.26	Structural Concrete Roadway and Sidewalk Slab on Steel Bridges (737 CY)	LS		1	1
502.264	Structural Concrete, Parapet (102 CY)	LS		1	1
502.31	Structural Concrete Approach Slab (107 CY)	LS		1	1
502.452	Structural Concrete Distribution Slab (350 CY)	LS		1	1
503.14	Epoxy-Coated Reinforcing Steel, Fabricated and Delivered	LB		479,900	479,900
503.15	Epoxy-Coated Reinforcing Steel, Placing	LB		479,900	479,900
503.17	Mechanical/Welded Splice	EA		416	416
504.702	Structural steel fabricated and delivered, welded (1190000 LB)	LS		1	1
504.71	Structural steel erection (1190000 LB)	LS		1	1
505.08	Shear Connectors (8176 EA)	LS		1	1
506.9104	Thermal Spray Coating (Shop Applied)	LS		1	1
507.091	Aluminum Bridge Railing, 1 Bar (882 LF)	LS		1	1
508.14	High Performance Waterproofing Membrane (2700 SY)	LS		1	1
511.091	Temporary Earth Support Systems	LS		1	1
513.09	Slope Protection - Portland Cement Concrete	SY		400	400

ITEM NO.	ITEM DESCRIPTION	UNIT	CIVIL QUANTITY	BRIDGE QUANTITY	TOTAL QUANTITY
513.22	Crushed Stone Slope Protection	SY		320	320
514.06	Curing Box for Concrete Cylinders	EA		1	1
515.202	Clear Protective Coating for Concrete Surfaces	SY		1,800	1,800
520.21	Expansion Device - Gland Seal (150 LF)	EA		2	2
523.52	Bearing Installation	EA		28	28
523.5401	Laminated Elastomeric Bearings, Fixed	EA		7	7
523.5402	Laminated Elastomeric Bearings, Expansion	EA		21	21
524.40	Protective Shielding - Steel Girders	SY		2,050	2,050
526.301	Temporary Concrete Barrier, Type I (2,660 LF)	LS		1	1
526.304	Temporary Concrete Barrier, Anchored (440 LF)	LS		1	1
526.306	Temporary Concrete Barrier, Type I - Supplied by Authority (200 LF)	LS		1	1
527.341	Work Zone Crash Cushions - TL-3	UN		2	2
527.342	Work Zone Crash Cushions - TL-2	UN		2	2
603.169	15 Inch Culvert Pipe Option III	LF	20		20
604.184	Rebuild Catch Basin to Grade - Type II	EA		1	1
604.301	Special Catch Basin - Bioscape Vault Basin	EA		1	1
604.302	Special Catch Basin - Standard Offline Basin	EA		2	2
605.10	6 inch Underdrain Outlet	LF	20		20
606.13	31" W-Beam Guardrail - Mid-Way Splice (7" Steel Post, 8" Offset Blocks, Single Faced)	LF	970		970
606.1306	31" W-Beam Guardrail - Mid-Way Splice Tangential Terminal (31" Height)	EA		2	2
606.1351	Terminal End - Anchored End - 31" W-Beam Guardrail	EA		2	2
606.1723	Bridge Transition Type III	EA		4	4
606.178	Guardrail Beam	LF	820		820
606.24	Guardrail Type 3d - Single Rail	LF	50		50
606.278	Terminal End - Anchored End	EA		2	2
606.352	ReflectORIZED Beam Guardrail Delineator	EA		7	7
606.356	Underdrain Delineator Post	EA		2	2
606.3561	Delineator Post - Remove and Reset	EA		9	9
606.3605	Guardrail - Remove, Modify and Reset Single Rail	LF	390		390
606.3606	Guardrail - Remove, Modify and Reset Double Rail	LF	220		220
606.47	Single Wood Post	EA		1	1
606.48	Single Galvanized Steel Post	EA		96	96
607.17	Chain Link Fence - 6 foot	LF	690		690
607.23	Chain Link Fence Gate	EA		2	2
607.32	Bracing Assembly Type I - Metal Posts	EA		6	6
607.33	Bracing Assembly Type II - Metal Posts	EA		8	8
609.11	Vertical Curb Type 1	LF	62		62
609.12	Vertical Curb Type 1 - Circular	LF	43		43
609.15	Slope Curb Type 1	LF		950	950
609.234	Terminal Curb Type 1 - 4 foot	EA		1	1
609.2341	Terminal Curb Type 1 - 4 foot - Circular	EA		1	1
609.31	Curb Type 3	LF	950		950
609.38	Reset Curb Type 1	LF	80		80
610.08	Plain Riprap	CY	250		250
610.181	Temporary Stone Check Dam	CY		2	2
613.319	Erosion Control Blanket	SY	6,150		6,150

ITEM NO.	ITEM DESCRIPTION	UNIT	CIVIL QUANTITY	BRIDGE QUANTITY	TOTAL QUANTITY
615.07	Loam	CY	1,200		1,200
618.13	Seeding Method Number 1	UN	9		9
618.14	Seeding Method Number 2	UN	87		87
619.1201	Mulch, Plan Quantity	UN	96		96
619.1202	Temporary Mulch	LS	1		1
620.58	Erosion Control Geotextile	SY	140		140
620.70	HDPE Geomembrane	SY	4,950		4,950
626.33	30 Inch Foundation, 8 feet or less Foundation	EA	2		2
627.712	White or Yellow Pavement Marking Line	LF	10,700		10,700
627.73	Temporary 6 Inch Pavement Marking Tape	LF	1,300		1,300
627.75	White or Yellow Pavement & Curb Marking	SF	130		130
627.77	Removing Existing Pavement Marking	SF	9,600		9,600
627.78	Temporary Pavement Marking Line, White or Yellow	LF	22,100		22,100
627.812	Temporary Raised Pavement Markers	EA	2,600		2,600
629.05	Hand Labor, Straight Time	HR	60		60
631.10	Air Compressor (including operator)	HR	20		20
631.11	Air Tool (including operator)	HR	40		40
631.12	All Purpose Excavator (including operator)	HR	10		10
631.171	Truck - small (including operator)	HR	35		35
631.172	Truck - large (including operator)	HR	35		35
631.22	Front end loader (Including Operator)	HR	35		35
631.32	Culvert Cleaner (including Operator)	HR	10		10
631.36	Foreman	HR	20		20
639.18	Field Office, Type A	EA	1		1
639.26	Instrumentation - Geotechnical	LS	1		1
645.109	Remove and Reset Sign	EA	1		1
645.272	Regulatory, Warning and Bridge Number Signs, Type I - Supplied by Authority	EA	2		2
645.292	Regulatory, Warning, Confirmation and Route Marker Assembly Signs Type II	EA	2		2
645.503	Remove and Reset Bridge Mounted Guide Sign to Ground Mounted	LS	1		1
645.504	Remove and Reset Mainline Sign	LS	1		1
646.091	Settlement Platforms	LS	1		1
652.30	Flashing Arrow	EA	2		2
652.312	Type III Barricades	EA	18		18
652.33	Drum	EA	170		170
652.34	Cone	EA	80		80
652.35	Construction Signs	SF	1,200		1,200
652.361	Maintenance of Traffic Control Devices	LS	1		1
652.38	Flaggers	HR	1,400		1,400
652.41	Portable-Changeable Message Sign	EA	3		3
652.45	Truck Mounted Attenuator	CD	130		130
652.452	Automated Trailer Mounted Speed Limit Sign	EA	2		2
656.50	Baled Hay, in place	EA	25		25
656.60	Temporary Berms	LF	2,100		2,100
656.62	Temporary Slope Drains	LF	200		200
656.632	30 inch Temporary Silt Fence	LF	6,000		6,000
659.10	Mobilization	LS	1		1

Filename: 002_Quantity_Sheet.dgn

No.	Revision	By	Date
1	QUANTITY CHANGES	LZD	10/18
2	ADDED AND REVISED QUANTITIES	JKO	10/18
3	ADDED AND REVISED QUANTITIES	JKO	10/18

Designed by:							
HNTB							
CONSULTANT PROJECT MANAGER: Tim Cote, P.E.							
	By	Date		By	Date		
Designed	LSK	08\18	Checked	LZD	08\18		
Drawn	LSK	08\18	In Charge of	RAL	08\18		

HNTB CORPORATION
 340 County Road, Suite 6-C
 Westbrook, ME 04092
 TEL (207) 774-5155
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**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph C. Norwood, IV, P.E., P.T.O.E.

**BRIDGE REPLACEMENT
CUMMINGS ROAD UNDERPASS**

ESTIMATED QUANTITIES

SHEET NUMBER: EQ-01

CONTRACT: 2018.19

2 OF 135