MAINE TURNPIKE AUTHORITY

ADDENDUM NO. 2

CONTRACT 2023.02

EXIT 102, NEW ON RAMP
INTERCHANGE RAMP "A"
MILE 102.0

Make the following changes to the bid documents:

In the Contract Plans, **REMOVE** sheets 2, 3, and 4, and **REPLACE** with the attached revised sheets 2, 3, and 4.

In the Contract Documents, Proposal, **REMOVE** pages P-2 through P-9 and **REPLACE** with the attached revised pages P-2 through P-9.

In the Contract Documents, Proposal, **REMOVE** pages SP-93 through SP-95 and **REPLACE** with the attached revised pages SP-93 through SP-95.

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: Could the MTA provide the size of lumber currently being used as shielding under the existing bridge?

Response: *The existing shielding is approximately 25% 2x6 rough cut hemlock and the remaining 75% is 2x8 rough cut hemlock.*

Question 2: Does MTA follow the MaineDOT specification where if the gravel does not meet Micro-Deval requirements that you revert to the Washington Degradation test?

Response: *Yes, the Authority follows MaineDOT specifications regarding this.*

Question 3: On the General Notes sheet under the Erosion Control items there is Note 7 that references Item 619.1201 "Temporary Mulch". This item is not shown on the Estimated Quantities sheet or on the Bid Form.

Response: *Item 619.1202 – Temporary Mulch has been added. Please see the revised estimated quantities sheet and P-Sheets.*

Question 4: How was the quantity of gravel determined? I believe the estimated quantity is severely high.

Response: *This quantity has been revised. Please see the revised estimated quantities sheet and P-Sheets.*

Question 5: When can the Contractor begin work?

Response: *The Contractor may begin construction activities once all preconstruction submittals have been received by the Authority and a preconstruction meeting has been held.*

Question 6: Is the nearby MTA lot available for anytime of laydown area?

Response: *A space within the West Gardiner Lot will be provided to the Contractor for signs and traffic control items. No granular material or other dirty material shall be stored or stockpiled at this lot.*

Question 7: Will removal of conflicting striping and application of temporary striping be paid for if it is needed for traffic shifts for long term closures utilizing temporary concrete barriers? Will then the removal of the temporary striping and re-application of permanent striping to get the lines back to original be paid for? SP-120 is not very clear on this.

Response: *The Special Provision 652 for Maintenance of Traffic under Section 652.3.6 states that "Removal of non-applicable markings and initial placement of temporary construction pavement markings will be paid for under the appropriate Contract items." The intent of this sentence is that if existing pavement markings are not applicable to the Contractor's approved traffic control plan (TCP), the non-applicable markings shall be removed and paid for under Item 627.77. Additionally, the first application of temporary pavement markings necessary for construction in accordance with the Contractor's approved TCP shall be applied and paid for under Item 627.78. Any subsequent repainting of temporary pavement markings to maintain the effectiveness of the lines will not be paid but shall be incidental to Item 652.361. Therefore, if the Contractor's approved TCP includes long term traffic shifts that require pavement marking removal and temporary pavement markings, the removals and temporary paint will be paid for under the pay items indicated.*

Question 8: There is no Field Office item in the contract, please confirm the Contractor will not be required to supply this.

Response: *Item 639.18 – Field Office, Type A has been added. See the attached Estimated Quantities Sheet and P-Sheets. There is an existing power drop and meter at the West Gardiner Lot that the Contractor may utilize.*

Question 9: The SP 652 Maintenance of traffic does not address stoppages for steel removal, does not address lane closures in 2024, and also does not address temp barrier on mainline during winter months.

Response: *Special Provision 652 for Specific Project Maintenance of Traffic Requirements has been revised to indicate allowable times for structural steel removal, shoulder and lane closures for 2024, and where temporary barrier may be installed during winter months.*

Question 10: Are there shear studs on the existing bridge?

Response: *Yes. Please see the bridge As-Builts under the Additional Info section.*

Attachments

- Contract Plan Sheets 2, 3, and 4 (3 pages)
- Proposal Pages P-2 through P-9 (8 pages)
- Proposal Pages SP-93 through SP-95 (3 pages)

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

The total number of pages included with this addendum is seventeen (17).

All bidders are requested to acknowledge the receipt of the Addendum No. 2 by signing below and faxing this sheet to Nate Carll, Purchasing Department, (207) 871-7739. Bidders are also required to acknowledge receipt of this Addendum No. 2 on Page P-10 of the bid package.

_____
Business Name

_____
Print Name and Title

_____
Signature

_____
Date

December 9, 2022

Very truly yours,

MAINE TURNPIKE AUTHORITY

_____
Purchasing Manager
Maine Turnpike Authority

Date:12/9/2022

	ESTIMATED QUANTITIES			
	ITEM NO.	DESCRIPTION	QUANTITY	UNIT
2.	201.11	Clearing	AC	2.8
	201.23	Removing Single Tree Top Only	EA	1
	201.24	Removing Stump	EA	1
	202.08	Removing Building No. 1: 7 Ronnie Street	LS	1
	202.12	Removing Existing Structural Concrete	CY	16
	202.15	Removing Existing Manhole or Catch Basin	EA	1
	202.193	Removing Existing Bridge (Struct. Steel = 76 T, Conc. = 570 CY)	LS	1
1.	202.202	Removing Pavement Surface	SY	17000
	202.203	Pavement Butt Joints	SY	32
	203.2	Common Excavation	CY	14300
	203.24	Common Borrow	CY	2300
	203.25	Granular Borrow	CY	970
	203.33	Special Fill	CY	24
	211.3	Ditch Excavation	LF	1400
2.	304.1	Aggregate Subbase Course - Gravel	CY	5300
	304.14	Aggregate Subbase Course - Type A	CY	1400
	403.207	Hot Mix Asphalt 19.0 MM HMA	T	720
	403.208	Hot Mix Asphalt 12.5 MM HMA Surface	T	760
	404.2081	Hot Mix Asphalt 12.5 MM HMA Polymer Modified	T	430
	403.209	Hot Mix Asphalt 9.5 MM HMA (Incid.)	T	63
	403.211	Hot Mix Asphalt (Shim)	T	130
	403.213	Hot Mix Asphalt 12.5 MM HMA Base	T	470
	409.15	Bituminous Tack Coat Applied	GAL	790
	419.3	Sawing Bituminous Pavement	LF	3400
	524.4	Protective Shielding	SY	550
	526.306	Temporary Concrete Barrier, Type 1 - Supplied by the Authority	LS	1
	527.341	Work Zone Crash Cushions - TL-3	UNIT	3
	603.15	12" Culvert Pipe Option I	LF	46
	603.159	12" Culvert Pipe Option III	LF	8
	603.16	15" Culvert Pipe Option I	LF	71
	603.175	18" Reinforced Concrete Pipe Class III	LF	116
	603.179	18" Culvert Pipe Option III	LF	34
	603.28	Concrete Collar for Reinforcing Concrete Pipe	EA	1
	603.47	60" Reinforced Concrete Pipe Class IV	LF	80
	604.246	Catch Basin Type F5	EA	1
	606.1301	31" W-Beam Guardrail, Mid-Way Splice-Single Faced	LF	680
	606.1302	31" W-Beam Guardrail, Mid-Way Splice-Dbl Faced	LF	370
	606.1306	31" W-Beam Guardrail, Mid-Way Splice Tangent Terminal	EA	1
	606.1307	31" W-Beam Guardrail, Mid-Way Splice Flared Terminal	EA	1
	606.352	Reflectorized Beam Guardrail Delineators	EA	27
	606.356	Underdrain Delineator Post	EA	14
	606.3561	Delineator Post - Remove And Reset	EA	5
	606.3631	Guardrail Remove and Dispose	LF	2300
	607.09	Woven Wire Fence - Metal Posts	LF	910
	607.17	Chain Link Fence - 6'	LF	120

	ESTIMATED QUANTITIES			
	ITEM NO.	DESCRIPTION	QUANTITY	UNIT
	607.32	Bracing Assembly Type I Metal Post	EA	1
	607.33	Bracing Assembly Type II Metal Post	EA	3
	609.34	Curb Type 5	LF	1200
	609.35	Curb Type 5 - Circular	LF	120
	610.08	Plain Riprap	CY	75
	610.181	Temporary Stone Check Dam	CY	30
	613.319	Erosion Control Blanket	SY	5800
	615.07	Loam	CY	3400
	618.13	Seeding Method Number 1	UNIT	8
	618.14	Seeding Method Number 2	UNIT	280
	619.1201	Mulch - Plan Quantity	UNIT	280
2.	619.1202	Temporary Mulch	LS	1
	620.58	Erosion Control Geotextile	SY	180
1.	626.122	Quazite Junction Box (18X11)	EA	10
	626.22	Non-Metallic Conduit	LF	2000
	626.32	24" Diameter Foundation	EA	6
	626.33	30" Foundation, 8-Foot or less Foundation	EA	6
	626.38	Ground Mounted Cabinet Foundation	EA	1
1.	626.3412	Conventional Light Standard With LED Fixture - Supplied By The Authority	EA	6
	627.712	White or Yellow Pavement Marking Line	LF	12000
	627.75	White Or Yellow Pavement And Curb Marking	SF	38
	627.77	Removing Existing Pavement Markings	SF	320
	627.78	Temporary 4" Paint Pavement Marking Line White Or Yellow	LF	4900
	629.05	Hand Labor, Straight Time	HR	40
	631.12	All-Purpose Exc (Inc Operator)	HR	40
	631.172	Truck-Large (Inc Operator)	HR	80
	631.22	Front End Loader (Inc Oper)	HR	20
	631.36	Foreperson	HR	20
	634.1612	Highway Lighting Panel and Service Upgrades	LS	1
2.	639.18	Field Office, Type A	EA	1
	645.105	Remove and Stack Sign	EA	35
	645.109	Remove and Reset Sign	EA	9
	645.162	Breakaway Device Multi Pole	EA	4
	645.2511	Roadside Guide Sign, Type I	SF	397
	645.2511	Sheet Aluminum Overlay, Type I	SF	394
	645.271	Regulatory, Warning, Confirmation and Route Assembly, Type I	SF	251
	645.289	Steel H-Beam Poles	LBS	1340
	645.511	LED Flashing Sign	EA	2
	652.3	Flashing Arrow	EA	2
1.	652.312	Type III Barricade	EA	6
	652.33	Drum	EA	125
	652.34	Cone	EA	50
	652.35	Construction Signs	SF	1240
	652.361	Maintenance of Traffic Control Devices	LS	1
	652.38	Flaggers	HR	480
	652.41	Portable Changeable Message Sign	EA	4
	652.45	Truck Mounted Attenuator	CD	100
	652.451	Automated Trailer Mounted Speed Limit Sign	CD	80
	656.5	Baled Hay, In Place	EA	50
	656.632	30" Temporary Silt Fence	LF	3600
	659.1	Mobilization	LS	1

Filename: ...\002_Estimated_Quantities.dgn

Scale: NOT TO SCALE

No.	Revision	By	Date
1.	Amendment No. 1	JBD	11/22
2.	Amendment No. 2	JBD	12/22

Designed by: vhb

CONSULTANT PROJECT MANAGER: A. Grande

	By	Date		By	Date
Designed	JBD	12/9/2022	Checked	ECF	12/9/2022
Drawn	AGC	12/9/2022	In Charge of	AG	12/9/2022

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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: Ryan Barnes, PE, CPESC

WEST GARDINER EXIT 102

ESTIMATED QUANTITIES

VHB: 55327.00 SHEET NUMBER: 2

CONTRACT: 2023.02

Date:12/9/2022

GENERAL

1. ALL WORK SHALL BE IN CONFORMANCE WITH MAINE DEPARTMENT OF TRANSPORTATION (MAINEDOT) 2014 STANDARD SPECIFICATIONS AND 2020 STANDARD DETAILS FOR HIGHWAYS AND BRIDGES WITH ALL UPDATES, AND MAINEDOT BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL LATEST REVISION UNLESS OTHERWISE NOTED IN THESE PLANS OR PROJECT SPECIFICATIONS.

2. FOR CONSTRUCTION LIMITS AND RIGHT OF WAY LINES, REFER TO RIGHT OF WAY MAPS. ALL WORK MUST BE COMPLETED WITHIN THE RIGHT OF WAY SHOWN IN THESE PLANS.

3. CONNECTIONS TO EXISTING FENCE SHALL BE INCIDENTAL TO THE PROPOSED FENCE ITEMS.

4. EXISTING ROW FENCE WITHIN THE LIMITS OF WORK, AS SHOWN ON THE PLANS OR AS DIRECTED BY THE RESIDENT, SHALL BE REMOVED AND DISPOSED. THIS WORK SHALL BE INCIDENTAL TO THE PROPOSED FENCE ITEMS.

5. THE CONTRACTOR SHALL SUBMIT THEIR PROPOSED STAGING AREA(S) TO THE RESIDENT FOR APPROVAL PRIOR TO STARTING WORK.

6. ALL PORTIONS OF THE EXISTING BRIDGE TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

7. COPIES OF THE AS-BUILT PLANS ARE POSTED ON THE MAINE TURNPIKE AUTHORITY WEBSITE AT WWW.MAINETURNPIKE.COM/PROJECTS/CONSTRUCTION-CONTRACTS. THE COMPLETENESS AND ACCURACY OF THESE PLANS IS NOT GUARANTEED.

8. THE PROPOSED ELEVATIONS ARE BASED ON THE NAVD 88 DATUM. THE AS-BUILT PLANS ARE BASED ON NGVD 29 DATUM.

9. NO TEMPORARY OR PERMANENT IMPACTS TO WETLANDS OUTSIDE OF THE LIMITS OF DISTURBANCE SHOWN ON THE PLAN SET ARE PERMITTED.

10. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AND SIDE ROADS DURING CONSTRUCTION UNLESS OTHERWISE SHOWN ON THE PLANS.

11. ALL EXISTING ROADWAYS USED IN ACCESSING THE SITE SHALL REMAIN CLEAN IN ACCORDANCE WITH THE MAINEDOT STANDARD SPECIFICATIONS.

12. ACCESS THROUGH AREAS BEYOND THE LIMITS OF DISTURBANCE ARE TO BE APPROVED BY THE RESIDENT.

13. GEOTECHNICAL INFORMATION FURNISHED OR REFERRED TO IN THIS PLAN SET AND THE PROJECT'S GEOTECHNICAL REPORT IS FOR THE BIDDER'S AND CONTRACTOR'S USE. NO ASSURANCE IS GIVEN THAT THE INFORMATION OR INTERPRETATIONS WILL BE REPRESENTATIVE OF ACTUAL SUBSURFACE CONDITIONS AT THE TIME OF CONSTRUCTION. THE AUTHORITY SHALL NOT BE RESPONSIBLE FOR BIDDER'S AND CONTRACTOR'S INTERPRETATIONS OF OR CONCLUSIONS DRAWN FROM THE GEOTECHNICAL INFORMATION. THE BORING LOGS CONTAINED IN THE PLAN SET PRESENT FACTUAL AND INTERPRETIVE SUBSURFACE INFORMATION COLLECTED AT DISCRETE LOCATIONS. DATA PROVIDED MAY NOT BE REPRESENTATIVE OF THE SUBSURFACE CONDITIONS BETWEEN BORING LOCATIONS.

14. FOLLOWING THE COMPLETION OF WORK THE CONTRACTOR SHALL PROVIDE THE AUTHORITY THREE HARD COPIES OF ALL O&M MANUALS ASSOCIATED WITH THE PROJECT AND ONE LINKED, TABBED, AND SEARCHABLE PDF DOCUMENT CONTAINING ALL O&M MANUALS IN A SINGLE FILE.

15. FOLLOWING THE COMPLETION OF WORK THE CONTRACTOR SHALL PROVIDE ONE HARD COPY AND ONE LINKED, TABBED, AND SEARCHABLE PDF DOCUMENT OF ALL APPROVED SUBMITTALS ASSOCIATED WITH THE PROJECT ORGANIZED BY WORK CATEGORY.

GUARDRAIL

1. AT THE END OF THE WORKDAY, EVERYDAY, THE CONTRACTOR IS REQUIRED TO HAVE AN APPROVED CRASHWORTHY END TREATMENT ON ALL GUARDRAIL AND BARRIER WITHIN ALL WORK AREAS THAT ARE ACCESSIBLE TO TRAFFIC.

2. CONNECTIONS FOR PROPOSED GUARDRAIL TO EXISTING GUARDRAIL SHALL BE INCIDENTAL TO THE PROPOSED GUARDRAIL ITEMS.

3. ALL PROPOSED GUARDRAIL AND RESET GUARDRAIL SHALL BE INSTALLED IN A MANNER TO AVOID ALL EXISTING SUBSURFACE FEATURES.

4. ON ROUTE 9/126, TWO GUARDRAIL DELINEATOR POSTS SHALL BE INSTALLED AT EACH END OF THE GUARDRAIL TERMINALS. ON THE ON RAMP, TWO DELINEATOR POSTS ON THE LEADING END AND ONE DELINEATOR POST ON THE TRAILING END SHALL BE INSTALLED AT EACH GUARDRAIL TERMINAL.

5. DELINEATORS SHALL BE SPACED AT 264' ON THE MAINE TURNPIKE. CONFIRM LAYOUT WITH THE RESIDENT.

6. GUARDRAIL WHICH IS REMOVED AND NOT REUSED ON THE PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

7. DAMAGE TO EXISTING PAVEMENT OR NEW PAVEMENT DUE TO THE INSTALLATION OF NEW OR RESET GUARDRAIL SHALL BE REPAIRED AND PAYMENT SHALL BE INCIDENTAL TO GUARDRAIL ITEMS.

UTILITY

1. EXISTING UTILITIES ON THESE PLANS WERE COMPILED FROM EXISTING PLANS AND VARIOUS OTHER SOURCES. LOCATIONS ARE NOT GUARANTEED TO BE ACCURATE NOR IS IT GUARANTEED THAT ALL UTILITIES ARE SHOWN. NO SEPARATE OR ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR DUE TO ANY VARIANCE BETWEEN THE DATA SHOWN ON THE PLANS AND THE ACTUAL FIELD CONDITIONS ENCOUNTERED. NO WORK SHALL BE STARTED UNTIL THE OWNERS OF THE VARIOUS UTILITIES ARE NOTIFIED BY THE CONTRACTOR OF THE PROPOSED CONSTRUCTION. THE CONTRACTOR IS ALSO REQUIRED TO CALL DIG SAFE AT 1-888-344-7233 AT LEAST 72 HOURS PRIOR TO THE START OF THE WORK.

2. THE CONTRACTOR SHALL NOTIFY ALL NON-MEMBERS THROUGH WWW.OKtoDIG.COM OR AS OTHERWISE REQUIRED BY THE MAINE PUBLIC UTILITIES COMMISSION. ALL PROPOSED SIGN LOCATIONS AND EXCAVATION LOCATIONS SHALL BE MARKED AT THE NOTIFICATION TIME. NO EXCAVATION SHALL BE PERMITTED UNTIL THE AUTHORITY HAS LOCATED AND MARKED ITS UNDERGROUND UTILITIES. THE RESIDENT ENGINEER SHALL BE PROVIDED AN ELECTRONIC COPY OF ALL DIG SAFE TICKETS WITHIN 24 HOURS OF THEIR RELEASE FOR PROJECT NOTIFICATIONS AND 3RD PARTY UTILITY LOCATER COORDINATION.

3. THE CONTRACTOR SHALL NOTIFY THE RESIDENT 10 CALENDAR DAYS PRIOR TO SUBMITTING A UTILITY LOCATE REQUEST THROUGH DIG SAFE SO THAT THE RESIDENT CAN ARRANGE FOR MAINE TURNPIKE UNDERGROUND UTILITY LOCATION. ALL PROPOSED SIGN LOCATIONS AND EXCAVATION LOCATIONS SHALL BE MARKED AT THE NOTIFICATION TIME.

4. FOLLOWING THE COMPLETION OF THE INITIAL UTILITY LOCATE, THE CONTRACTOR WILL GPS ALL UTILITIES WITHIN THE PROJECT LIMITS AND PROVIDE A COPY OF THE DIG SAFE RECORDS TO THE AUTHORITY. THE CONTRACTOR, ACTING AS THE AUTHORITY'S THIRD PARTY LOCATOR SHALL BE RESPONSIBLE FOR REMARKING ALL MAINE TURNPIKE FACILITIES WHEN A DIG SAFE UTILITY LOCATE IS CALLED IN FOR THE PROJECT.

5. SEE SPECIFICATIONS FOR REQUIRED UTILITY COORDINATION.

6. ALL UTILITY FACILITIES SHALL BE ADJUSTED BY THE RESPECTIVE UTILITIES UNLESS NOTED.

7. THE UTILITIES INVOLVED IN THIS CONTRACT ARE:
   - CENTRAL MAINE POWER (CMP)
   - CHARTER COMMUNICATIONS
   - CONSOLIDATED COMMUNICATIONS
   - MAINE TURNPIKE AUTHORITY

LIGHTING

1. ALL NEW LIGHTING STANDARDS SHALL BE PLACED ON NEW 24" FOUNDATIONS.

2. BREAKWAY COUPLINGS ARE REQUIRED FOR ALL PERMANENT LIGHT POLES.

3. LOCATION OF ELECTRICAL CONDUIT IS SCHEMATIC ONLY.

4. CONTRACTOR MAY ENCOUNTER EXISTING ASBESTOS CEMENT CONDUIT AND SHALL TAKE EXTREME CARE NOT TO DAMAGE IT. ALL EXISTING CONDUIT THAT REQUIRES REMOVAL DUE TO NEW CONSTRUCTION SHALL BE REMOVED PER THE SPECIFICATIONS, SPECIAL PROVISION 202 AND AS DIRECTED BY THE RESIDENT.

5. ALL WIRE SHALL BE COPPER. NO ALUMINUM WIRE IS ALLOWED.

6. ALL LIGHT STANDARD FOUNDATIONS AND CONDUIT TRENCHES SHALL BE INSTALLED IN A MANNER TO AVOID DRAINAGE STRUCTURES AND UTILITIES.

7. CONTRACTOR SHALL ONLY EXCAVATE AN AMOUNT OF UTILITY TRENCH THAT CAN BE BACKFILLED IN THE SAME DAY. UTILITY TRENCHES SHALL NOT BE LEFT OPEN OVERNIGHT.

8. THE CONTRACTOR SHALL VERIFY THE VOLTAGE TO THE HIGHWAY LIGHTING AND SHALL NOTE VOLTAGE IN SHOP DRAWING SUBMITTALS.

9. EXISTING LIGHT STANDARD FOUNDATIONS SHALL BE REMOVED. PAYMENT SHALL BE INCIDENTAL TO THE COMMON EXCAVATION. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

10. PROPOSED NON-METALLIC CONDUIT SHALL BE 3" SCHEDULE 80 PVC AND CONTAIN 2 #2 AND 1 #6 (GROUND) WIRES.

11. EXISTING LIGHT STANDARDS SHALL BE REMOVED AND BECOME THE PROPERTY OF THE CONTRACTOR. THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

EROSION CONTROL

1. THE ANTICIPATED EROSION CONTROL DEVICES ARE SHOWN ON THE PLANS. THE CONTRACTOR SHALL PROPOSE ACTUAL TYPE AND LOCATION OF DEVICES FOR APPROVAL BY THE RESIDENT. ADDITIONAL DEVICES MAY BE PROPOSED BY THE CONTRACTOR TO IMPLEMENT ADDITIONAL MEASURES. ANY ADDITIONAL MEASURES APPROVED BY THE RESIDENT WILL BE MEASURED FOR PAYMENT.

2. TEMPORARY SEED SHALL BE APPLIED TO ALL DISTURBED AREAS THAT WILL NOT BE COMPLETED WITHIN 30 DAYS.

3. ALL TEMPORARY AND PERMANENT EROSION CONTROL DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE MAINEDOT BEST MANAGEMENT PRACTICES (BMPS).

4. TEMPORARY STONE CHECK DAMS SHALL BE INSTALLED IN ACCORDANCE WITH THE MAINEDOT BMPS.

5. EROSION CONTROL BLANKET, ITEM 613.319 SHALL BE INSTALLED ON 2:1 SLOPES FROM THE TOP TO TOE OF SLOPE. LOAM AND SEED SHALL BE PLACED PRIOR TO THE INSTALLATION OF THE EROSION CONTROL BLANKET.

6. PLACE LOAM 4 INCHES DEEP ON ALL NEW OR RECONSTRUCTED SIDE SLOPES OR AS DIRECTED BY THE RESIDENT.

7. NEWLY DISTURBED EARTH SHALL BE MULCHED IN ACCORDANCE WITH SUPPLEMENTAL SPECIFICATION 656. THIS WORK SHALL BE PAID FOR UNDER ITEM 619.1202 TEMPORARY MULCH (2.)

8. UNLESS OTHERWISE NOTED, SEEDING METHOD NO. 2 SHALL BE UTILIZED ON ALL DISTURBED AREAS.

9. CONTRACTOR SHALL BE RESPONSIBLE FOR PLACEMENT AND MAINTENANCE OF EROSION CONTROL ITEMS AROUND STOCKPILES. IN ACCORDANCE WITH "MAINE EROSION AND SEDIMENT CONTROL HANDBOOK FOR CONSTRUCTION: BEST MANAGEMENT PRACTICES". PAYMENT FOR THESE ITEMS SHALL BE INCIDENTAL TO THE MATERIAL STOCKPILED.

DRAINAGE

1. NO EXISTING DRAINAGE SHALL BE ABANDONED, REMOVED OR PLUGGED WITHOUT PRIOR APPROVAL OF THE RESIDENT.

2. INLETS AND OUTLETS OF ALL CULVERTS SHALL BE RIPRAPPED UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE RESIDENT.

3. ALL DITCH ELEVATIONS AND OFFSETS SHOWN ON THE CROSS SECTIONS ARE FOR THE FINISHED DITCH FLOW LINE.

4. IF FOUNDATION MATERIAL IS REQUIRED UNDER CULVERTS, IT SHALL MEET THE REQUIREMENTS FOR GRANULAR BORROW - UNDERWATER BACKFILL AND SHALL BE PAID FOR AS GRANULAR BORROW.

5. CATCH BASINS SHALL BE SET TO FINAL GRADE UTILIZING CONCRETE. BRICK AND MORTAR WILL NOT BE ALLOWED.

EARTHWORK

1. DO NOT EXCAVATE FOR AGGREGATE SUBBASE COURSE WHERE EXISTING MATERIAL IS SUITABLE AS DETERMINED BY THE RESIDENT.

2. THE CONTRACTOR SHALL MINIMIZE SLOPE DISTURBANCES WHERE POSSIBLE, AS DIRECTED BY THE RESIDENT.

3. WASTE MATERIALS SHALL BE DISPOSED OF OFF THE PROJECT SITE, IN ACCORDANCE WITH ALL ENVIRONMENTAL REGULATIONS.

4. GRANULAR BORROW SHALL BE USED TO BACK FILL MUCK/PEAT EXCAVATION OR IN LOW WET AREAS AS DIRECTED BY THE RESIDENT TO 1' ABOVE WATER LEVEL OR OLD GROUND. GRANULAR BORROW SHALL MEET THE REQUIREMENTS OF GRANULAR BORROW - UNDERWATER BACKFILL AND WILL BE PAID FOR AS GRANULAR BORROW.

5. CLEARING LIMITS SHALL BE 10' BEYOND AND PARALLEL TO THE CONSTRUCTION SLOPE LINES OR AS SHOWN ON THE PLAN UNLESS OTHERWISE AUTHORIZED BY THE RESIDENT. THE ACTUAL CLEARING LINES SHALL BE ESTABLISHED IN THE FIELD BY THE CONTRACTOR AND SHALL BE PROVIDED BY THE RESIDENT PRIOR TO ANY CLEARING TAKING PLACE.

6. CLEARING IS NOT ALLOWED FROM APRIL 1ST TO JULY 31ST.

7. GRUBBING IN FILL AND MUCK EXCAVATION HAVE BEEN SHOWN ON THE CROSS SECTIONS. THESE LIMITS ARE APPROXIMATE AND HAVE BEEN USED FOR QUANTITY ESTIMATION PURPOSES ONLY. ACTUAL LIMITS MAY VARY BASED ON FIELD CONDITIONS AND AS DIRECTED BY THE RESIDENT.

Filename: ...\004_General_Notes.dgn

Scale:

No.	Revision	By	Date
2.	Amendment No. 2	JBD	12/22

Designed by: vhb

CONSULTANT PROJECT MANAGER: A. Grande

	By	Date		By	Date
Designed	JBD	12/9/2022	Checked	ECF	12/9/2022
Drawn	AGC	12/9/2022	In Charge of	AG	12/9/2022

VANASSE HANGEN BRUSTLIN, INC.
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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: Ryan Barnes, PE, CPESC

WEST GARDINER
EXIT 102

GENERAL NOTES

VHB: 55327.00 SHEET NUMBER: 4
CONTRACT: 2023.02 4 OF 92

CONSTRUCTION NOTES

DRIVES AND ENTRANCES

STATIONING	OFFSET	TYPE	WIDTH (LF)
STA 101+70	RT	GRAVEL	26.0
STA 102+80	RT	GRAVEL	26.0
STA 103+75	RT	GRAVEL ROAD	35.0

ITEM 201.11 - CLEARING

LOCATION	OFFSET	QUANTITY (AC)
PROPOSED RAMP		
2400+22 TO 2417+81	RT & LT	2.6
ROUTE 126		
104+00 TO 111+50	RT	0.2

ITEM 202.15 - REMOVING EXISTING CATCH BASIN OR MANHOLE

LOCATION	OFFSET	QUANTITY (EA)
I-95		
2415+54	RT	1

ITEM 201.23 - REMOVING SINGLE TREE TOP ONLY

LOCATION	OFFSET	QUANTITY (EA)
PROPOSED RAMP		
2416+21	RT	1.0

ITEM 201.24 - REMOVING STUMP

LOCATION	OFFSET	QUANTITY (EA)
PROPOSED RAMP		
2416+21	RT	1.0

ITEM 201.12 - REMOVING EXISTING STRUCTURAL CONCRETE

LOCATION	OFFSET	QUANTITY (CY)
PARK AND RIDE		
10+94 TO 11+43	LT	16.0

ITEM 202.202 - REMOVING PAVEMENT SURFACE

LOCATION	OFFSET	QUANTITY (SY)
ROUTE 126		
100+50 TO 112+67	RT & LT	3517.1
EXISTING EXIT 102 SB OFF RAMP		
14+00 TO 46+10	RT & LT	9524.1
EXISTING EXIT 102 NB OFF RAMP		
10+75 TO 52+50	RT & LT	3443.3

ITEM 202.203 - PAVEMENT BUTT JOINTS

LOCATION	OFFSET	QUANTITY (SY)
ROUTE 126		
103+40	LT	3.5
105+25	LT	3.5
106+50	LT	24.1

ITEM 211.3 - DITCH EXCAVATION

LOCATION	OFFSET	QUANTITY (LF)
I-95 (SB)		
32+50 TO 39+75	RT	725.0
I-95 (NB)		
5206+00 TO 5212+00	RT	600.0

ITEM 419.3 - SAWING BITUMINOUS PAVEMENT

LOCATION	OFFSET	QUANTITY (LF)
ROUTE 126		
101+00 TO 112+20	RT	1175.0
I-95 NB OFF RAMP		
51+00 TO 53+00	LT	200.0
PARK AND RIDE		
10+73 TO 14+25	RT	577.6
I-95		
32+22 TO 46+10	LT	1411.2

ITEM 603.15 - 12" CULVERT OPTION I

LOCATION	OFFSET	QUANTITY (LF)
ROUTE 126		
103+55 TO 104+00	RT	46.0

ITEM 603.159 - 12" CULVERT OPTION III

LOCATION	OFFSET	QUANTITY (LF)
I-95(NB)		
5209+31 TO 5209+31	RT	8.0

ITEM 603.16 - 15" CULVERT OPTION I

LOCATION	OFFSET	QUANTITY (LF)
ROUTE 126		
102+62 TO 102+93	RT	32.0
101+50 TO 101+88	RT	39.0

ITEM 603.175 - 18" CULVERT RCP CLASS III

LOCATION	OFFSET	QUANTITY (LF)
ROUTE 126		
105+10	LT & RT	68.0
PROPOSED RAMP		
2401+00	LT & RT	48.0

ITEM 603.179 - 18" CULVERT OPTION III

LOCATION	OFFSET	QUANTITY (LF)
PROPOSED RAMP		
2415+54	RT	34.0

1. ITEM 603.28 - CONCRETE COLLAR FOR REINFORCING CONCRETE PIPE

LOCATION	OFFSET	QUANTITY (EA)
I-95 SB		
5209+39	RT	1.0

ITEM 603.47 - 60" RCP CLASS IV

LOCATION	OFFSET	QUANTITY (LF)
PROPOSED RAMP		
2407+25	LT & RT	80.0

ITEM 604.246 - CATCH BASIN TYPE F5

LOCATION	OFFSET	QUANTITY (EA)
PROPOSED RAMP		
2415+54	RT	1.0

ITEM 606.1301 - 31" W-BEAM GUARDRAIL MID-WAY SPLICE SINGLE FACED

LOCATION	OFFSET	QUANTITY (LF)
PROPOSED RAMP		
2416+06 TO 2417+81	RT	187.5
ROUTE 126		
107+34 TO 112+22	RT	487.5

ITEM 606.1302 - 31" W-BEAM GUARDRAIL, MID-SPLICE, DOUBLE FACED

LOCATION	OFFSET	QUANTITY (LF)
I-95		
5206+09 TO 5209+69	LT	362.50

ITEM 606.1306 - 31" W-BEAM GUARDRAIL MID-WAY SPLICE TANGENT TERMINAL

LOCATION	OFFSET	QUANTITY (EA)
PROPOSED RAMP		
2416+06 TO 2415+93	RT	1

ITEM 606.1307 - 31" W-BEAM GUARDRAIL MID-WAY SPLICE FLARED TERMINAL

LOCATION	OFFSET	QUANTITY (EA)
ROUTE 126		
106+98 TO 107+34	RT	1

ITEM 606.352 - REFLECTORIZED BEAM GUARDRAIL DELINEATORS

LOCATION	OFFSET	QUANTITY (EA)
ROUTE 126		
107+34 TO 112+20	RT	9.0
I-95		
2416+95 TO 2417+81	LT	4.0
36+23 TO 38+38	LT	14.0

ITEM 606.356 - UNDERDRAIN DELINEATOR POST

LOCATION	OFFSET	QUANTITY (EA)
ROUTE 126		
105+10 CROSS CULVERT	LT & RT	2.0
PROPOSED RAMP		
2401+00 CROSS CULVERT	LT & RT	2.0
2407+25 CROSS CULVERT	LT & RT	2.0
2415+50 CROSS CULVERT	RT	1.0
JUNCTION BOXES	LT & RT	7.0

ITEM 606.3561 - DELINEATOR POST - REMOVE AND RESET

LOCATION	OFFSET	QUANTITY (EA)
I-95		
5206+10 TO 5209+75	RT	2.0
32+25 TO 46+10	LT	2.0
PROPOSED RAMP		
2410+00 TO 2417+81	RT	1.0

ITEM 606.3631 - GUARDRAIL REMOVE AND DISPOSE

LOCATION	OFFSET	QUANTITY (LF)
EXISTING RAMP		
16+77 TO 18+92	LT	214.4
21+54 TO 28+41	LT	687.0
16+86 TO 18+92	RT	206.0
21+54 TO 22+83	RT	128.9
32+90 TO 35+90	LT	609.7
I-95		
5206+10 TO 5209+75	LT	365.0

ITEM 607.09 - WOVEN WIRE FENCE - METAL POSTS

LOCATION	OFFSET	QUANTITY (LF)
ROUTE 126		
2400+50 TO 2409+00	RT	902.2

ITEM 607.17 - CHAIN LINK FENCE

LOCATION	OFFSET	QUANTITY (LF)
ROUTE 126		
111+44 TO 112+42	RT	115.8

ITEM 607.32 - BRACE ASSEMBLY TYPE I METAL POST

LOCATION	OFFSET	QUANTITY (EA)
ROUTE 126		
111+44 TO 112+42	RT	1.0

ITEM 607.33 - BRACE ASSEMBLY TYPE II METAL POST

LOCATION	OFFSET	QUANTITY (EA)
ROUTE 126		
111+44 TO 112+42	RT	3.0

ITEM 610.08 - PLAIN RIPRAP

LOCATION	OFFSET	QUANTITY (CY)
ROUTE 126		
105+10	RT	6.7
105+10	LT	3.2
PROPOSED RAMP		
2401+00	RT	5.2
2401+00	LT	5.2
2407+25	RT	21.3
2407+25	LT	21.3
2415+54	RT	11.2
I-95		
5209+39	RT	0.5

ITEM 613.319 - EROSION CONTROL BLANKET

LOCATION	QUANTITY (SY)
INSTALL ON 2:1 SLOPES AND IN DITCHES AS DIRECTED	5,800.0

EARTHWORK SUMMARY

(DOES NOT INCLUDE EXISTING RAMP & BRIDGE REMOVAL)

2.

COMMON EXCAVATION FOR ESTIMATE

COMMON EXCAVATION (FROM CROSS SECTIONS)	11,329	
DITCH EXCAVATION	491	
EARTH FROM DRIVES, OLD ROAD, ETC.	0	
GRUBBING IN FILL	1,358	
LOAM SALVAGE IN FILL	0	
UNDERCUT	0	
MUCK EXCAVATION	1,031	
CULVERT INLET AND OUTLET DITCHES	75	
PAVEMENT SALVAGE IN FILL	0	
TOTAL COMMON EXCAVATION (for estimate)		14,283

FILL FOR BORROW CALCULATIONS

COMMON FILL (FROM CROSS SECTIONS)	6,525	
FILL FOR DRIVES	0	
GRUBBING IN FILL	1,358	
LOAM SALVAGE IN FILL	0	
UNDERCUT	0	
MUCK EXCAVATION	1,031	
PAVEMENT SALVAGE IN FILL	0	
TOTAL FILL		8,914

ROCK EXCAVATION FOR ESTIMATE

ROCK EXCAVATION (FROM CROSS SECTIONS)	0	
ROCK EXCAVATION (BOULDERS)	0	
TOTAL ROCK EXCAVATION		0

UNCLASSIFIED EXCAVATION FOR ESTIMATE

TOTAL UNCLASSIFIED EXCAVATION	0

AVAILABLE COMMON EXCAVATION FOR BORROW CALCULATIONS

(1) TOTAL COMMON EXCAVATION		14,283
DEDUCTIONS:		
PARK AND RIDE / I-95 NB OFF RAMP *	741	
GRUBBING IN CUT	3,767	
GRUBBING IN FILL	1,358	
LOAM SALVAGE IN CUT	0	
LOAM SALVAGE IN FILL	0	
UNDERCUT	0	
MUCK EXCAVATION	1,031	
PAVEMENT SALVAGE (CUT & FILL)	0	
(2) TOTAL DEDUCTIONS		6,898
TOTAL AVAILABLE COMMON EXCAVATION (1) MINUS (2)		7,386
TOTAL AVAILABLE STRUCT. EXCAVATIONS (USUALLY UNDERDRAIN ONLY)		0
RIPRAP EXCAVATION		0
TOTAL AVAILABLE NON-ROCK EXCAVATION		7,386

COMPUTATION OF GRANULAR BORROW FOR ESTIMATE

GRANULAR BORROW TO REPLACE MUCK	969	
GRANULAR BORROW IN LOW WET AREAS	0	
GRANULAR BORROW TO MAINTAIN TRAFFIC	0	
GRANULAR BORROW FOR UNDERCUTTING	0	
GRANULAR BORROW =	969 x 1.00 =	969

COMPUTATION FOR COMMON BORROW FOR ESTIMATE

(3) TOTAL FILL			8,914
TOTAL AVAIL. NON-ROCK EXCAV.	7,386 x 0.90 =	6,647	
TOTAL AVAIL. ROCK EXCAV.	0 x 1.30 =	0	
TOTAL AVAIL. STR. ROCK EXCAV.	0 x 1.30 =	0	
TOTAL WASTE MATERIAL TO BE UTILIZED	0 x 0.00 =	0	
(4) TOTAL AVAILABLE EXCAVATION			6,647
BORROW NEEDED = TOTAL FILL MINUS TOTAL AVAILABLE EXCAVATION			2,267

*NOTE: DUE TO POTENTIAL CONSTRUCTION PHASING COMPLICATIONS, THE EXCAVATION FROM THE PARK AND RIDE AND EXISTING RAMP AREAS WAS DEDUCTED FROM THE USABLE EXCAVATION.

Date:12/8/2022

Filename: ...\003_Construction_Notes_Earthworks.dgn

Scale: NOT TO SCALE

No.	Revision	By	Date
1.	Amendment No. 1	JBD	11/22
2.	Amendment No. 2	JBD	12/22

Designed by: vhb

CONSULTANT PROJECT MANAGER: A. Grande

	By	Date		By	Date
Designed	JBD	12/8/2022	Checked	ECF	12/8/2022
Drawn	AGC	12/8/2022	In Charge of	AG	12/8/2022

VANASSE HANGEN BRUSTLIN, INC.
500 Southborough Dr.
Suite 105B
South Portland, ME 04106
TEL (207) 889-3150
FAX (207) 253-5596

MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: Ryan Barnes, PE, CPESC

WEST GARDINER
EXIT 102
CONSTRUCTION NOTES/
EARTHWORK SUMMARY

VHB: 55327.00 SHEET NUMBER: 3
CONTRACT: 2023.02 3 OF 92

SCHEDULE OF BID PRICES
CONTRACT NO. 2023.02

EXIT 102, NEW ON RAMP
INTERCHANGE RAMP "A"
MILE 102.0

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
201.11	Clearing	Acres	2.8				
201.23	Removing Single Tree Top Only	Each	1				
201.24	Removing Stump	Each	1				
202.08	Removing Building No. 1: 7 Ronnie Street	Lump Sum	1				
202.12	Removing Existing Structural Concrete	Cubic Yard	16				
202.15	Removing Existing Manhole or Catch Basin	Each	1				
202.193	Removing Existing Bridge (Struct. Steel = 76 T, Conc. = 570 CY)	Lump Sum	1				
202.202	Removing Pavement Surface	Square Yard	17000				
202.203	Pavement Butt Joints	Square Yard	32				
203.2	Common Excavation	Cubic Yard	14300				
203.24	Common Borrow	Cubic Yard	2300				

CARRIED FORWARD:

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
				BROUGHT FORWARD:			
203.25	Granular Borrow	Cubic Yard	970				
203.33	Special Fill	Cubic Yard	24				
211.3	Ditch Excavation	Linear Foot	1400				
304.1	Aggregate Subbase Course - Gravel	Cubic Yard	5300				
304.14	Aggregate Subbase Course - Type A	Cubic Yard	1400				
403.207	Hot Mix Asphalt 19.0 MM HMA	Tons	720				
403.208	Hot Mix Asphalt 12.5 MM HMA Surface	Tons	760				
403.2081	Hot Mix Asphalt 12.5 MM HMA Polymer Modified	Tons	430				
403.209	Hot Mix Asphalt 9.5 MM HMA (Incid.)	Tons	63				
403.211	Hot Mix Asphalt (Shim)	Tons	130				
403.213	Hot Mix Asphalt 12.5 MM HMA Base	Tons	470				
409.15	Bituminous Tack Coat Applied	Gallon	790				

CARRIED FORWARD:

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
				BROUGHT FORWARD:			
419.3	Sawing Bituminous Pavement	Linear Foot	3400				
524.4	Protective Shielding	Square Yard	550				
526.306	Temporary Concrete Barrier, Type 1 - Supplied by the Authority	Lump Sum	1				
527.341	Work Zone Crash Cushions - TL-3	Unit	3				
603.15	12" Culvert Pipe Option I	Linear Foot	46				
603.159	12" Culvert Pipe Option III	Linear Foot	8				
603.16	15" Culvert Pipe Option I	Linear Foot	71				
603.175	18" Reinforced Concrete Pipe Class III	Linear Foot	116				
603.179	18" Culvert Pipe Option III	Linear Foot	34				
603.28	Concrete Collar for Reinforcing Concrete Pipe	Each	1				
603.47	60" Reinforced Concrete Pipe Class IV	Linear Foot	80				
604.246	Catch Basin Type F5	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:			
606.1301	31” W-Beam Guardrail, Mid-Way Splice-Single Faced	Linear Foot	680				
606.1302	31” W-Beam Guardrail, Mid-Way Splice-Dbl Faced	Linear Foot	370				
606.1306	31" W-Beam Guardrail, Mid-Way Splice Tangent Terminal	Each	1				
606.1307	31" W-Beam Guardrail, Mid-Way Splice Flared Terminal	Each	1				
606.352	Reflectorized Beam Guardrail Delineators	Each	27				
606.356	Underdrain Delineator Post	Each	14				
606.3561	Delineator Post - Remove And Reset	Each	5				
606.3631	Guardrail Remove and Dispose	Linear Foot	2300				
607.09	Woven Wire Fence - Metal Posts	Linear Foot	910				
607.17	Chain Link Fence - 6'	Linear Foot	120				
607.32	Bracing Assembly Type I Metal Post	Each	1				
607.33	Bracing Assembly Type II Metal Post	Each	3				

TOTAL:	

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
			BROUGHT FORWARD:				
609.34	Curb Type 5	Linear Foot	1200				
609.35	Curb Type 5 - Circular	Linear Foot	120				
610.08	Plain Riprap	Cubic Yard	75				
610.181	Temporary Stone Check Dam	Cubic Yard	30				
613.319	Erosion Control Blanket	Square Yard	5800				
615.07	Loam	Cubic Yard	3400				
618.13	Seeding Method Number 1	Unit	8				
618.14	Seeding Method Number 2	Unit	280				
619.1201	Mulch - Plan Quantity	Unit	280				
619.1202	Temporary Mulch	Lump Sum	1				
620.58	Erosion Control Geotextile	Square Yard	180				
626.122	Quazite Junction Box (18X11)	Each	10				

TOTAL:

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
			BROUGHT FORWARD:				
626.22	Non-Metallic Conduit	Linear Foot	2000				
626.32	24" Diameter Foundation	Each	6				
626.33	30" Foundation, 8-Foot or less Foundation	Each	6				
626.38	Ground Mounted Cabinet Foundation	Each	1				
626.3412	Conventional Light Standard With LED Fixture - Supplied By The Authority	Each	6				
627.712	White or Yellow Pavement Marking Line	Linear Foot	12000				
627.75	White Or Yellow Pavement And Curb Marking	Square Foot	38				
627.77	Removing Existing Pavement Markings	Square Foot	320				
627.78	Temporary 4" Paint Pavement Marking Line White Or Yellow	Linear Foot	4900				
629.05	Hand Labor, Straight Time	Hour	40				
631.12	All-Purpose Exc (Inc Operator)	Hour	40				
631.172	Truck-Large (Inc Operator)	Hour	80				

CARRIED FORWARD:

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
			BROUGHT FORWARD:				
631.22	Front End Loader (Inc Oper)	Hour	20				
631.36	Foreperson	Hour	20				
634.1612	Highway Lighting Panel and Service Upgrades	Lump Sum	1				
639.18	Field Office, Type A	Each	1				
645.105	Remove and Stack Sign	Each	35				
645.109	Remove and Reset Sign	Each	9				
645.162	Breakaway Device Multi Pole	Each	4				
645.251	Roadside Guide Sign, Type 1	Square Foot	397				
645.2511	Sheet Aluminum Overlay, Type I	Square Foot	394				
645.271	Regulatory, Warning, Confirmation and Route Assembly, Type 1	Square Foot	251				
645.289	Steel H-Beam Poles	ERROR	1340				
645.511	LED Flashing 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:				
652.3	Flashing Arrow	Each	2				
652.312	Type III Barricade	Each	6				
652.33	Drum	Each	125				
652.34	Cone	Each	50				
652.35	Construction Signs	Square Foot	1240				
652.361	Maintenance of Traffic Control Devices	Lump Sum	1				
652.38	Flaggers	Hour	480				
652.41	Portable Changeable Message Sign	Each	4				
652.45	Truck Mounted Attenuator	Calend er Days	100				
652.451	Automated Trailer Mounted Speed Limit Sign	Calend er Days	80				
656.5	Baled Hay, In Place	Each	50				
656.632	30" Temporary Silt Fence	Linear Foot	3600				
659.1	Mobilization	Lump Sum	1				

TOTAL:		

SPECIAL PROVISION

SECTION 652

MAINTENANCE 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:

Lewiston Road

Lewiston Road shall be maintained open to two-way traffic through the construction of the ramp when work is not active. When construction occurs within 6 feet of the edge of pavement the eastbound lane shall be closed and alternating two-way traffic maintained with an MUTCD compliant flagging operation.

Maine Turnpike Traffic Control Requirements

The maintenance of traffic control plans includes shoulder closures, single lane closures and temporary nighttime closures for the work that will occur on or adjacent to the Turnpike.

Where temporary barrier is proposed in the maintenance of traffic control plans, the Contractor shall provide a minimum of four (4) feet of median side shoulder between November 15th and April 1st during construction. Temporary barrier shall not be permitted along the right side shoulder between November 15th and April 1st.

Activities along the Turnpike mainline are only allowed during the times noted in Table A. Travel lanes may not be impeded by traffic control devices until the time frames specified for each activity.

TABLE A: TURNPIKE MAINLINE - APPROVED SHOULDER CLOSURES AND LANE CLOSURES

Mainline Northbound March 13, 2023 to May 25, 2023 September 5, 2023 to May 24, 2024				
		Turnpike Shoulder Closures	**Turnpike Lane Closures**	**Removing Structural Steel**
Days of Week:	Anytime	Allowed		
Days of Week:	**Sunday p.m. through Friday a.m.**			
Time of Day:	7:00 p.m. to 6:00 a.m. next day	Allowed	Allowed	
Time of Day	10:00 p.m. to 5:00 a.m. next day	Allowed	Allowed	Allowed
Days of Week:	**Monday through Friday**			
Time of Day:	9:00 a.m. to 3:00 p.m.	Allowed	Allowed	

Mainline Southbound March 13, 2023 to May 25, 2023 September 5, 2023 to May 24, 2024				
		Turnpike Shoulder Closures	**Turnpike Lane Closures**	**Removing Structural Steel**
Days of Week:	Anytime	Allowed		
Days of Week:	**Sunday p.m. through Friday p.m.**			
Time of Day:	7:00 p.m. to 3:00 p.m. next day	Allowed	Allowed	
Time of Day	10:00 p.m. to 5:00 a.m. next day	Allowed	Allowed	Allowed

Mainline Northbound and Southbound May 26, 2023 to September 4, 2023 May 25, 2024 to June 21, 2024				
		Turnpike Shoulder Closures	**Turnpike Lane Closures**	**Removing Structural Steel**
Days of Week:	Anytime	Allowed		
Days of Week:	**Sunday p.m. through Friday p.m.**			
Time of Day:	7:00 p.m. to 6:00 a.m. next day	Allowed	Allowed	
Time of Day	10:00 p.m. to 5:00 a.m. next day	Allowed	Allowed	Allowed

NOTE 1: Turnpike Lane Closures shall be removed if construction is not ongoing. Unattended lane closures are not allowed.

Construction vehicles are prohibited from merging with mainline traffic after noon on Fridays between June 22nd and September 7th unless the merge occurs at an interchange.

NOTE 2: There shall be no lane closures permitted along the Turnpike over the following dates:

- April school vacation week 2023 and 2024 (2023: April 17th – April 21st; 2024 estimated: April 16th – April 20th)
- May 25-May 29, 2023
- June 18-June 19, 2023
- June 30-July 5, 2023
- September 1-September 5, 2023
- October 6-October 9, 2023
- November 22-November 26, 2023
- December 22- December 26, 2023
- December 29, 2023-January 2, 2024
- February school vacation week 2024 (February 19th – February 23rd)
- May 24-May 28, 2024