



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
16 STATE HOUSE STATION  
AUGUSTA, MAINE 04333-0016

Janet T. Mills  
GOVERNOR

Bruce A. Van Note  
COMMISSIONER

March 21, 2023  
Subject: Large Culvert Replacement  
State WIN: 025515.00  
Location: **Saint George**  
**Amendment No. 1**

Dear Sir/Ms.:

Please make the following changes to the Bid Documents:

In the Bid Book:

**CHANGE** on page 9, NOTICE TO CONTRACTORS, the bid opening date from “March 15, 2023” to read “**March 29, 2023**”. Make this change in pen and ink.

**REMOVE** pages 12 – 15, “Proposal Schedule of Items”, 4 pages, dated 1/24/2023, and **REPLACE** with the attached, revised “Proposal Schedule of Items”, 3 pages, dated 3/21/2023.

**REMOVE** pages 66 – 67, SPECIAL PROVISION – SECTION 403 – HOT MIX ASPHALT, 2 pages, dated January 6, 2023, and **REPLACE** with the attached, revised SPECIAL PROVISION – SECTION 403 – HOT MIX ASPHALT, 1 page, dated March 17, 2023.

In the Plan Set:

**REMOVE** SHEET NUMBER 2 OF 18, GENERAL NOTES, TYPICAL SECTIONS AND ESTIMATED QUANTITIES, dated 1/23/2023, and **REPLACE** with the attached SHEET NUMBER 2 OF 18, GENERAL NOTES, TYPICAL SECTIONS AND ESTIMATED QUANTITIES, dated 3/20/2023.

**REMOVE** SHEET NUMBER 3 OF 18, SPECIAL DETAIL – POLYMER COATED STEEL PIPE, dated 1/23/2023, and **REPLACE** with the attached SPECIAL DETAIL – POLYMER COATED STEEL PIPE, dated 3/21/2023.

The following question has been received:

**Question:** Is this project available to bid this week (3/22) where no bids were received last week?

**Response:** The bid opening has been moved to March 29, 2023.

Consider these changes and information prior to submitting your bid on **March 29, 2023**.

Sincerely,



George M. A. Macdougall P.E.  
Contracts & Specifications Engineer

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 025515.00

Project(s): 025515.00

SECTION: 1 HIGHWAY

Alt Set ID: Alt Mbr ID:

Contractor: \_\_\_\_\_

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0010	203.20 COMMON EXCAVATION	1,640.000 CY	_____	 _____	_____	 _____
0020	203.25 GRANULAR BORROW	640.000 CY	_____	 _____	_____	 _____
0030	203.55 CULVERT BEDDING STONE	190.000 CY	_____	 _____	_____	 _____
0040	304.10 AGGREGATE SUBBASE COURSE - GRAVEL	820.000 CY	_____	 _____	_____	 _____
0050	403.213 HOT MIX ASPHALT 12.5 MM BASE	200.000 T	_____	 _____	_____	 _____
0060	409.15 BITUMINOUS TACK COAT - APPLIED	40.000 G	_____	 _____	_____	 _____
0070	511.07 COFFERDAM: DOWNSTREAM	LUMP SUM		 LUMP SUM	_____	 _____
0080	511.07 COFFERDAM: UPSTREAM	LUMP SUM		 LUMP SUM	_____	 _____
0090	603.40781 120" DIAMETER POLYMER COATED CORRUGATED STEEL PIPE STATE SUPPLIED	LUMP SUM		 LUMP SUM	_____	 _____
0100	610.08 PLAIN RIPRAP	110.000 CY	_____	 _____	_____	 _____
0110	615.10 DIRTY BORROW	100.000 CY	_____	 _____	_____	 _____
0120	618.14 SEEDING METHOD NUMBER 2	3.000 UN	_____	 _____	_____	 _____

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 025515.00

Project(s): 025515.00

SECTION: 1 HIGHWAY

Alt Set ID: Alt Mbr ID:

Contractor: \_\_\_\_\_

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0130	619.12 MULCH	3.000 UN	_____	 _____	_____	 _____
0140	620.58 EROSION CONTROL GEOTEXTILE	160.000 SY	_____	 _____	_____	 _____
0150	620.65 REINFORCEMENT GEOGRID	330.000 SY	_____	 _____	_____	 _____
0160	627.733 4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	1,300.000 LF	_____	 _____	_____	 _____
0170	629.05 HAND LABOR, STRAIGHT TIME	40.000 HR	_____	 _____	_____	 _____
0180	631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	40.000 HR	_____	 _____	_____	 _____
0190	631.172 TRUCK - LARGE (INCLUDING OPERATOR)	40.000 HR	_____	 _____	_____	 _____
0200	631.18 CHAIN SAW RENTAL (INCLUDING OPERATOR)	10.000 HR	_____	 _____	_____	 _____
0210	639.19 FIELD OFFICE TYPE B	1.000 EA	_____	 _____	_____	 _____
0220	652.312 TYPE III BARRICADE	6.000 EA	_____	 _____	_____	 _____
0230	652.33 DRUM	30.000 EA	_____	 _____	_____	 _____
0240	652.34 CONE	100.000 EA	_____	 _____	_____	 _____

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 025515.00

Project(s): 025515.00

SECTION: 1 HIGHWAY

Alt Set ID:

Alt Mbr ID:

Contractor: \_\_\_\_\_

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0250	652.35 CONSTRUCTION SIGNS	320.000 SF	_____	 _____	_____	 _____
0260	652.36 MAINTENANCE OF TRAFFIC CONTROL DEVICES	30.000 CD	_____	 _____	_____	 _____
0270	652.38 FLAGGER	250.000 HR	_____	 _____	_____	 _____
0280	652.41 PORTABLE CHANGEABLE MESSAGE SIGN	2.000 EA	_____	 _____	_____	 _____
0290	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LUMP SUM		 LUMP SUM	_____	 _____
0300	659.10 MOBILIZATION	LUMP SUM		 LUMP SUM	_____	 _____
<b>Section: 1</b>			<b>Total:</b>		_____	 _____
			<b>Total Bid:</b>		_____	 _____

**SPECIAL PROVISION**  
**SECTION 403**  
**HOT MIX ASPHALT**

Desc. Of Course	Grad Design.	Item Number	Total Thickness	No. Of Layers	Comp. Notes
<b><u>2 ½” HMA Overlay Areas - Full Construction</u></b>					
<b><u>Travelway &amp; Adjacent Shoulders (As Indicated in Typical)</u></b>					
Base	12.5 mm	403.213	2 ½”	1	3,10
<b><u>2 ½” HMA Overlay Areas – STA. 157+36 – 157+75 LT</u></b>					
<b><u>Shoulders (As Indicated in Typical)</u></b>					
Base	12.5 mm	403.213	2 ½”	1	3,10,30,32

**COMPLEMENTARY NOTES**

3. The aggregate qualities shall meet the design traffic level of <3 million ESALS for mix placed under this contract. The design, verification, Quality Control, and Acceptance tests for this mix will be performed at **65 gyrations**.
10. Section 106.6 Acceptance, (2) **Method D** as specified Section 401.21 - Quality Assurance Methods B and D.
30. The incentive/disincentive provisions for density shall not apply. Rollers shall meet the requirements of this special provision. The use of an oscillating steel roller shall be required to compact all mixtures pavements placed on **bridge decks**.
32. In areas inaccessible to a **10 ton** roller, compaction of the new Hot Mix Asphalt Pavement will be obtained using a minimal roller train consisting of a **3-5 ton** vibratory roller. Areas less than 2 feet wide shall be compacted with a minimum of a **150 pound** plate compactor. An approved release agent is required to ensure the mixture does not adhere to hand tools, rollers, pavers, and truck bodies. The use of petroleum based fuel oils, or asphalt stripping solvents will not be permitted.

**Tack Coat**

A tack coat of emulsified asphalt, RS-1, RS-1h, CRS-1 or CRS-1h, Item 409.15 shall be applied to any existing pavement at a rate of approximately 0.030 gal/yd<sup>2</sup>, and on milled pavement approximately 0.05 gal/yd<sup>2</sup> prior to placing a new course. A fog coat of emulsified asphalt shall be applied between shim /base courses and surface course as well as to any bridge membrane prior to the placement of HMA layers at a rate not to exceed 0.030 gal/yd<sup>2</sup>. Tack used will be **paid for at the contract unit price** for Item 409.15 Bituminous Tack Coat.

**GENERAL NOTES**

1. PAVEMENT THICKNESSES SHOWN ON THE TYPICAL SECTIONS ARE INTENDED TO BE NOMINAL.
2. CLEARING LIMITS SHALL BE 10 FEET BEYOND AND PARALLEL TO THE CONSTRUCTION SLOPE LINES OR AS SHOWN ON THE PLANS UNLESS OTHERWISE AUTHORIZED BY THE RESIDENT.
3. ALL CLEARING SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT WILL BE MADE. THE ACTUAL LINES FOR CLEARING SHALL BE ESTABLISHED IN THE FIELD BY THE CONTRACTOR AS INDICATED ON THE PLANS AND APPROVED BY THE RESIDENT.
4. GRUBBING IN FILL AREAS HAS BEEN SHOWN ON THE CROSS SECTIONS AND THE QUANTITIES NOTED. THESE LIMITS ARE APPROXIMATE AND HAVE BEEN USED FOR ESTIMATING PURPOSES ONLY. ACTUAL GRUBBING LIMITS MAY VARY BASED ON FIELD CONDITIONS AS DIRECTED BY THE RESIDENT.
5. ALL WASTE MATERIAL NOT USED ON THE PROJECT SHALL BE DISPOSED OF OFF THE PROJECT IN ACCEPTABLE WASTE AREAS REVIEWED BY THE RESIDENT. GRADING, SEEDING AND MULCHING OF WASTE AREAS SHALL BE CONSIDERED INCIDENTAL.
6. GRANULAR BORROW USED TO BACKFILL MUCK EXCAVATION OR IN LOW WET AREAS TO 1 FOOT ABOVE WATER LEVEL OR OLD GROUND SHALL MEET REQUIREMENTS FOR GRANULAR BORROW MATERIAL FOR UNDERWATER BACKFILL AS SPECIFIED IN STANDARD SPECIFICATION 703.19.
7. EXISTING INSLOPES IN PROPOSED FILL AREAS SHALL BE BENCHED BY EXCAVATING STEPS OF SUFFICIENT WIDTH TO PERMIT PLACING AND COMPACTING THE FILL MATERIAL ALONG WITH THE MATERIAL REMOVED.
8. WHEN SUPER ELEVATION EXCEEDS THE SLOPE OF THE LOW SIDE SHOULDER, THE LOW SIDE SHOULDER WILL HAVE SAME SLOPE AS THE TRAVELWAY.
9. CROSS SLOPES FOR NORMAL AND SUPERELEVATED SECTIONS WILL BE STRAIGHT UNLESS OTHERWISE DIRECTED BY THE DEPARTMENT.
10. THE ALGEBRAIC DIFFERENCE BETWEEN TRAVELWAY AND SHOULDER CROSS SLOPE SHALL NOT EXCEED 8 PERCENT.
11. NO EXISTING DRAINAGE SHALL BE ABANDONED, REMOVED OR PLUGGED WITHOUT PRIOR APPROVAL OF THE RESIDENT.
12. INLETS AND OUTLETS OF ALL CULVERTS SHALL BE RIPRAPPED UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE RESIDENT.
13. GUARDRAIL END TREATMENTS SHALL BE INSTALLED CONCURRENTLY WITH THE PLACEMENT OF EACH SECTION OF BEAM GUARDRAIL.
14. ALL EXISTING GUARDRAIL REMOVED AND NOT REUSED ON THE PROJECT WILL BECOME PROPERTY OF THE CONTRACTOR. REMOVAL AND DISPOSAL SHALL BE CONSIDERED INCIDENTAL TO THE GUARDRAIL ITEMS.
15. LOAM HAS BEEN ESTIMATED FOR DISTURBED LAWN AREAS. ACTUAL PLACEMENT OF THE LOAM SHALL BE AS NOTED ON THE PLANS OR DESIGNATED BY THE RESIDENT.
16. UNLESS OTHERWISE NOTED SEEDING METHOD NO. 1 SHALL BE UTILIZED ON ALL LAWNS AND DEVELOPED AREAS; SEEDING METHOD NO. 2 SHALL BE UTILIZED ON ALL OTHER AREAS.
17. ANY DAMAGE TO THE SLOPES CAUSED BY THE CONTRACTOR'S EQUIPMENT, PERSONNEL, OR OPERATION SHALL BE REPAIRED TO THE SATISFACTION OF THE RESIDENT. ALL WORK, EQUIPMENT, AND MATERIALS REQUIRED TO MAKE REPAIRS SHALL BE AT THE CONTRACTOR'S EXPENSE.
20. THE PROJECT GEOTECHNICAL REPORT TITLED "GEOTECHNICAL DESIGN REPORT FOR THE CONSTRUCTION OF SEAL HARBOR BRIDGE", SOILS REPORT 2022-36, DECEMBER 21, 2022 CAN BE ACCESSED AT THE MAINE DOT WEBSITE [HTTP://WWW.MAINE.GOV/MDOT/CONTRACTORS/](http://www.maine.gov/mdot/contractors/).
21. GEOTECHNICAL INFORMATION FURNISHED OR REFERRED TO IN THE BID DOCUMENTS IS FOR THE USE OF THE BIDDERS. NO ASSURANCE IS GIVEN THAT THE INFORMATION OR INTERPRETATIONS WILL BE REPRESENTATIVE OF THE ACTUAL SUBSURFACE CONDITIONS THROUGHOUT THE CONSTRUCTION SITE. MAINE DOT WILL NOT BE RESPONSIBLE FOR ANY INTERPRETATIONS OR CONCLUSION DRAWN FROM THE GEOTECHNICAL INFORMATION. THE BORING LOGS PROVIDED IN THE BID DOCUMENTS (IF ANY) PRESENT FACTUAL AND INTERPRETIVE SUBSURFACE INFORMATION COLLECTED AT DISCRETE LOCATIONS. DATA PROVIDED MAY NOT BE REPRESENTATIVE OF THE SUBSURFACE CONDITIONS BETWEEN BORING LOCATIONS.
22. AREAS REQUIRING FILL ON THE PROJECT WILL COME FROM SUITABLE EXCAVATION FROM EXCAVATION, DITCH AND INSLOPE OR EQUIPMENT RENTAL AREAS.
23. NO SEPARATE PAYMENT FOR SUPERINTENDENT OR FOREMAN WILL BE MADE FOR THE SUPERVISION OF EQUIPMENT AND LAYOUT OF WORK BEING PAID FOR UNDER THE EQUIPMENT RENTAL ITEMS.
24. THE EXISTING CULVERT SHALL BE REMOVED AND BECOME PROPERTY OF THE CONTRACTOR. REMOVAL AND DISPOSAL OF THE EXISTING CULVERT SHALL BE CONSIDERED INCIDENTAL TO ITEM NO. 603.40781.
25. FINAL STRIPING FOR THE PROJECT SHALL BE DONE BY THE CONTRACTOR PER THE STRIPING LAYOUT IN THE CONTRACT DOCUMENTS OR AS PROVIDED BY THE DEPARTMENT. PAYMENT SHALL BE MADE UNDER APPROPRIATE CONTRACT ITEMS.

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
203.20	COMMON EXCAVATION	1,640	CY
203.25	GRANULAR BORROW	640	CY
203.55	CULVERT BEDDING STONE	190	CY
304.10	AGGREGATE SUBBASE COARSE GRAVEL - TYPE D	20	CY
403.213	HOT MIX ASPHALT, 12.5MM BASE	40	T
511.07	COFFERDAM - UPSTREAM	1	LS
511.07	COFFERDAM - DOWNSTREAM	1	LS
603.40781	144" DIAMETER POLYMER COATED CORRUGATED STEEL PIPE - STATE SUPPLIED	140	LF
610.08	PLAIN RIPRAP	110	CY
615.10	DIRTY BORROW	100	CY
618.14	SEEDING METHOD NUMBER 2	3	UN
619.12	MULCH	3	UN
620.58	EROSION CONTROL GEOTEXTILE	160	SY
620.65	REINFORCEMENT GEOGRID	330	SY
627.733	4" WHITE OR YELLOW PAINTED PAVEMENT MARK LINE	1,300	LF
629.05	HAND LABOR, STRAIGHT TIME	40	HR
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	40	HR
631.172	TRUCK - LARGE (INCLUDING OPERATOR)	40	HR
631.18	CHAINSAW RENTAL (INCLUDING OPERATOR)	10	HR
639.19	FIELD OFFICE TYPE B	1	EA
652.312	BARRICADE TYPE III	6	EA
652.33	DRUM	30	EA
652.34	CONE	100	EA
652.35	CONSTRUCTION SIGNS	320	SF
652.36	MAINTAINANCE OF TRAFFIC CONTROL DEVICES	30	CD
652.38	FLAGGER	250	HR
652.41	PORTABLE CHANGEABLE MESSAGE SIGN	2	EA
656.75	TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL PLAN	1	LS
659.10	MOBILIZATION	1	LS

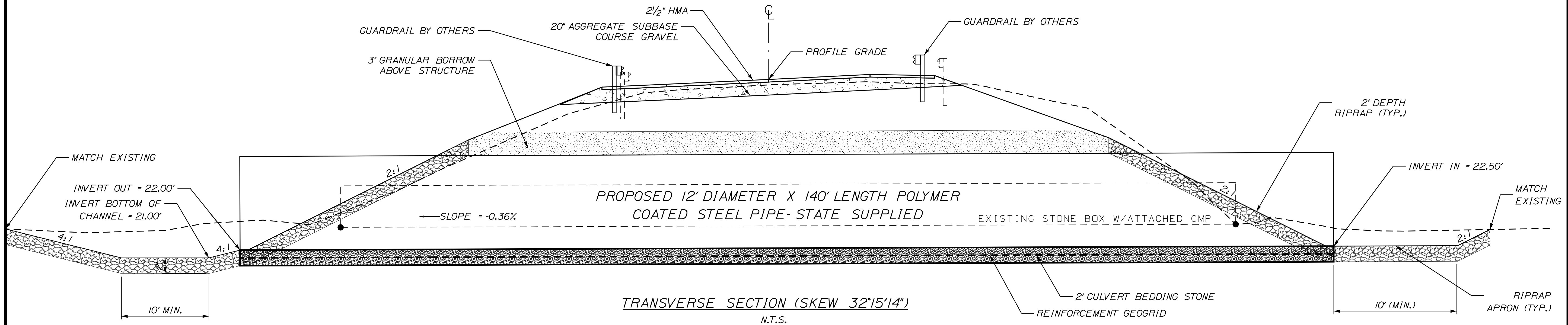
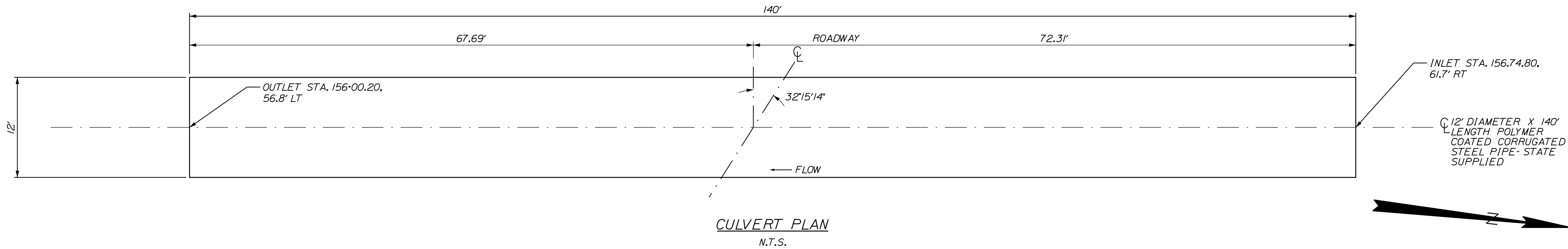
<p><b>STATE OF MAINE</b> <b>DEPARTMENT OF TRANSPORTATION</b></p> <p><b>25515.00</b></p> <p><b>WIN 25515.00</b></p> <p>BRIDGE NO. 6679 HIGHWAY PLANS</p>	<p>SIGNATURE _____</p> <p>P.E. NUMBER _____</p> <p>DATE _____</p>
<p><b>ST. GEORGE</b> <b>ROUTE 73</b></p> <p><b>GENERAL NOTES</b> <b>AND ESTIMATED QUANTITIES</b></p>	<p>PROJ. MANAGER _____</p> <p>DESIGN-DETAILED _____</p> <p>CHECKED-REVIEWED _____</p> <p>DESIGN-DETAILED _____</p> <p>DESIGN-DETAILED _____</p> <p>REVISIONS 1 _____</p> <p>REVISIONS 2 _____</p> <p>REVISIONS 3 _____</p> <p>REVISIONS 4 _____</p> <p>FIELD CHANGES _____</p>
<p>BY _____</p> <p>D. COOMBS _____</p> <p>DATE _____</p> <p>NOV 2022</p>	
<p>SHEET NUMBER</p> <p style="font-size: 2em;"><b>2</b></p> <p>OF 18</p>	

Date: 3/21/2023

Username: James.Baines

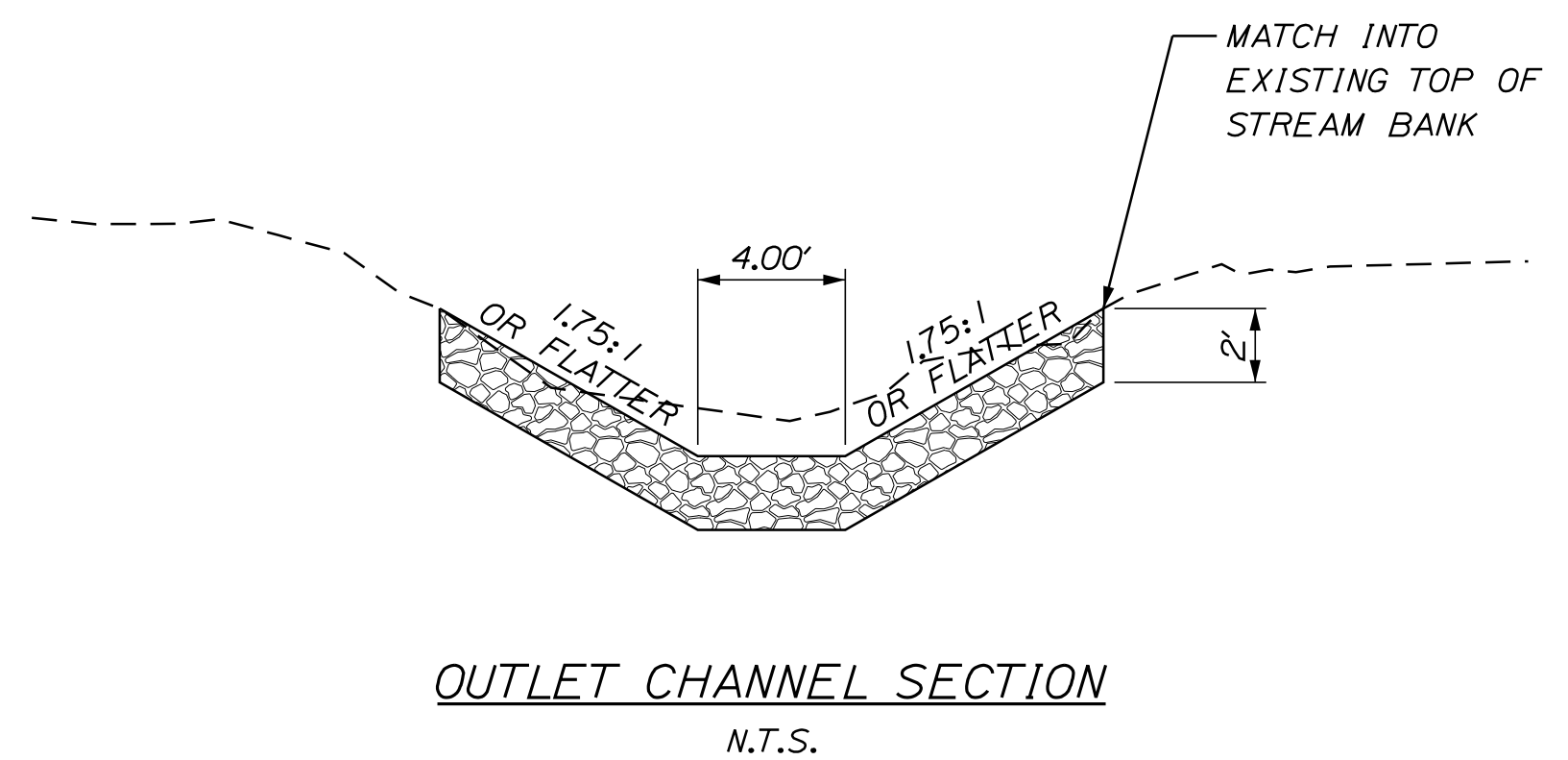
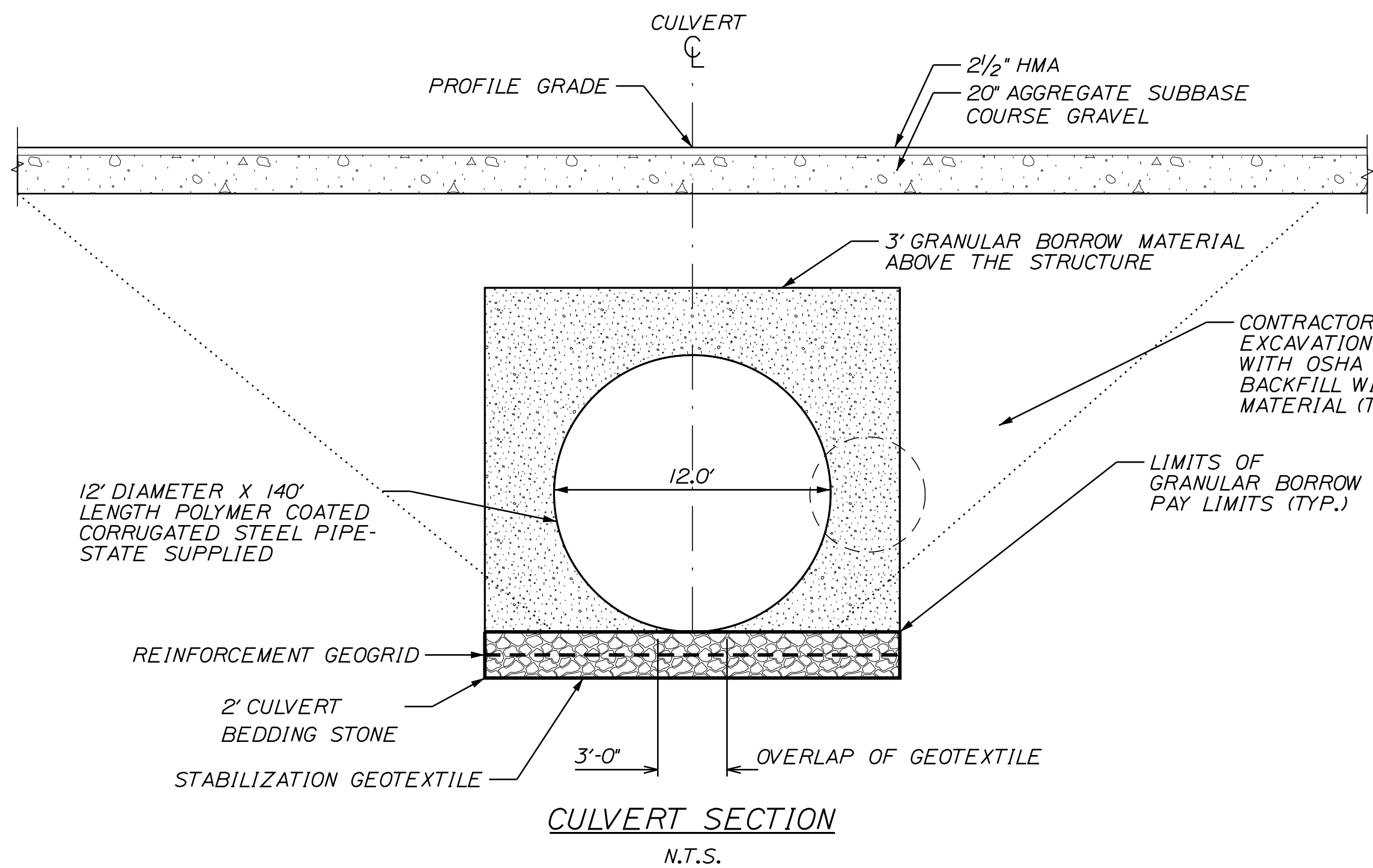
Division: HIGHWAY

Filename: ... \MSTA\003\_Culvert Details.dgn



**CULVERT NOTES**

1. THE PIPE SHALL BE BEDDED ON A 2' THICK GEOTEXTILE WRAPPED, CULVERT BEDDING STONE WITH A LAYER OF GEOGRID AT THE CENTER. PAYMENT WILL BE MADE UNDER THE APPROPRIATE ITEM NUMBERS.
2. STABILIZATION GEOTEXTILE SHALL BE OVERLAPPED BY A MINIMUM OF 3'.
3. THE REINFORCEMENT GEOGRID SHALL MEET THE REQUIREMENTS OF SPECIAL PROVISION 620.
4. COFFERDAMS ARE TO BE PLACED AT BOTH THE DOWNSTREAM AND UPSTREAM ENDS OF THE STRUCTURE TO ALLOW WATER TO BE PUMPED AND REMOVED DURING CONSTRUCTION OF THE STEEL STRUCTURAL PLATE PIPE.
5. THE FURNISHING AND PLACING OF BACKFILL MATERIAL BETWEEN THE GRANULAR BORROW PAY LIMIT AND THE NORMAL SUBGRADE LINE WILL NOT BE PAID FOR DIRECTLY BUT SHALL BE CONSIDERED INCIDENTAL TO THE WORK. A MINIMUM OF 3.5' OF SUITABLE MATERIAL MUST BE PLACED APPROPRIATELY OVER THE PIPE BEFORE RUNNING EQUIPMENT OVER THE TOP. BACKFILL MATERIAL SHALL BE FROM SUITABLE EXCAVATION WITHIN PROJECT LIMITS, AS DIRECTED BY THE RESIDENT.
6. RIPRAP WILL BE USED TO INSLOPE AROUND THE CULVERT ENDS AT BOTH THE INLET AND OUTLET. SEE PLAN AND PROFILE FOR LOCATIONS.
7. ALL EXCAVATION AND BACKFILL FOR THE PROPOSED 12' DIAMETER X 140' LENGTH POLYMER COATED STEEL PIPE-STATE SUPPLIED SHALL BE INCIDENTAL TO ITEM 603.40781



STATE OF MAINE DEPARTMENT OF TRANSPORTATION		25515.00		WIN 25515.00		HIGHWAY PLANS	
BRIDGE NO. 6679		SIGNATURE		P.E. NUMBER		DATE	
PROJ. MANAGER	CHECKED	DESIGNED	DESIGNED	REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4
D. COOMBS	J. BAINES						
DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
	NOV 2022						
ST. GEORGE ROUTE 73		SPECIAL DETAIL- POLYMER COATED STEEL PIPE					
SHEET NUMBER		3					
		OF 18					