

ADDENDUM #1 – Longmeadow Road and Ole Musket Road Drainage Improvements

To: All Bidders
From: Gorrill Palmer
Date: July 7, 2022
Subject: **3656** – Longmeadow Road and Ole Musket Road Drainage Improvements

CHANGES TO PROJECT PLANS

- I. Drawing No. C107, Drainage Details – This drawing has been modified as follows:
 - a. Removal of “The Snout” detail as it is not necessary for this project.
 - b. Updated Slipform Concrete Curb Detail to have a total height of 4 1/4”
 - c. Updated Trench Section Detail to 2 1/2” thickness on the 19mm HMA Binder Course detail VS. “4” MAX.”

*A revised C107 Sheet is included with this addendum
2. Drawing No. C102, Longmeadow Drive Plan and Profile – This drawing has been modified as follows:
 - a. Note added for tree removal at STA 10+40 left

*A revised C102 Sheet is included with this addendum

CHANGES TO SPECIFICATIONS

- I. A portion of the Project and Schedule in the Contract and Specifications has been changed from:

Paragraph I

PROJECT and SCHEDULE

The project shall consist of all Work necessary to construct the drainage improvements as described in the Bid Documents, which consist of this Request for Bids and Attachments. The Contractor may begin work after a contract is signed, estimated to be within 10 days of bid opening. The Contractor shall complete the work by June 1, 2023. If construction commences on a road (either Longmeadow Road, or Ole Musket Road) prior to November 15, 2022, construction of the road must be completed including shim course of pavement by November 15, 2022.

To:

Paragraph 1

PROJECT and SCHEDULE

The project shall consist of all Work necessary to construct the drainage improvements as described in the Bid Documents, which consist of this Request for Bids and Attachments. The Contractor may begin work after a contract is signed, estimated to be within 10 days of bid opening. The Contractor shall complete the work by **July 14, 2023**. If construction commences on a road (either Longmeadow Road, or Ole Musket Road) prior to November 15, 2022, construction of the road must be completed including shim course of pavement by November 15, 2022.

2. A portion of the Time in the Contract Agreement, Offer & Award has been changed from:

Paragraph 1

B. Time.

The contractor agrees to complete all Work, except warranty work, on or before May 1, 2023. If construction commences on a road (either Longmeadow Road, or Ole Musket Road) prior to November 15, 2022, construction of the road must be completed including shim course of pavement by November 15, 2022.

To:

Paragraph 1

B. Time.

The contractor agrees to complete all Work, except warranty work, on or before **July 14, 2023**. If construction commences on a road (either Longmeadow Road, or Ole Musket Road) prior to November 15, 2022, construction of the road must be completed including shim course of pavement by November 15, 2022.

3. A portion of Special Provision Section 401 and 403 – Basis of Payment has been changed from:

Paragraph 5

403.05 Basis of Payment:

In areas where pipe is to be installed, payment for hot mix asphalt shall be considered as incidental to the cost of supplying and installing the storm drain.

To:

Paragraph 5

403.05 Basis of Payment:

In areas where pipe is to be installed, payment for hot mix asphalt shall be paid for under Item 403.211.

*A revised bid form is included with this addendum.

4. A portion of Special Provision Section 201- General has been changed from:

Paragraph 1

201.03 General

The minimum clearing limits are within 5 feet of the edge of pavement and 18 feet above pavement surface. The actual lines for clearing trees, limits of tree trimming and individual trees to be removed shall be established in the field by the Contractor fourteen days in advance to clearing operations, and shall be approved by the Town and Engineer prior to clearing. The Contractor shall mark the limits using flagging tape or other methods approved by the Town. The Contractor shall accompany the Town on a site walk to review the areas marked.

To:

Paragraph 1

201.03 General

The actual lines for clearing trees, limits of tree trimming and individual trees to be removed shall be established in the field by the Contractor fourteen days in advance to clearing operations, and shall be approved by the Town and Engineer prior to clearing. The Contractor shall mark the limits using flagging tape or other methods approved by the Town. The Contractor shall accompany the Town on a site walk to review the areas marked.

5. A portion of Special Provision Section 201 – Basis of Payment has been changed from:

Paragraph 1

201.10 Basis of Payment

Trimming of branches above the roadway to a height of 18', the removal of stumps, and the protection of existing trees/shrubs shall be considered as incidental to the cost of supplying and installing the storm drain.

To:

Trimming of branches above the roadway as necessary for construction, the removal of stumps, and the protection of existing trees/shrubs shall be considered as incidental to the cost of supplying and installing the storm drain.

6. A portion of Special Provisions Section 201 – Basis of Payment has been changed from:

Paragraph 2

201.10 Basis of Payment

Trimming of branches above the roadway to a height of 18' shall be incidental to Item 203.20 Common Excavation. Removal of stumps shall be considered incidental to Item 203.20 Common Excavation. The protection of existing trees/shrubs will be considered incidental to pay item 201.23.

To:

Trimming of branches above the roadway as necessary for construction shall be incidental to Item 203.20 Common Excavation. Removal of stumps shall be considered incidental to Item 203.20 Common Excavation. The protection of existing trees/shrubs will be considered incidental to pay item 201.23.

QUESTIONS FROM CONTRACTORS

1. Can Cascade style grates be used for the catch basins?

Response: The Neenah Foundry R3470 Frame and Grate depicted on the detail is a Cascade style grate and approved equivalents will be accepted.

2. If it's possible to perform the excavation needed without the trimming or removal of trees, are we able to skip the trimming all together?

Response: See specification changes provided above.

ATTACHMENTS

Full copy of Revised Bid Form
Revised Special Provisions Section 201
Revised C102 and C107 Sheets

Contractor shall acknowledge receipt of Addendum #1 in the appropriate location on the Bid Form.

End of Addendum #1

BID FORM - BASE BID
LONGMEADOW ROAD DRAINAGE IMPROVEMENTS
CUMBERLAND, MAINE

7/7/2022

BASE BID

Item No.	Quantity	Item with Unit Bid Price Written in Words	Unit Price		Total Price	
			Dollars	Cents	Dollars	Cents
201.23	EA	REMOVING SINGLE TREE TOP ONLY (PROTECTION OF TREES) @				
	1	Per Each				
203.20	CY	COMMON EXCAVATION (PLAN QUANTITY) @				
	200	Per Cubic Yard				
203.21	CY	ROCK EXCAVATION @				
	1*	Per Cubic Yard				
203.250	CY	GRANULAR BORROW @				
	1*	Per Cubic Yard				
203.290	CY	CRUSHED STONE @				
	1*	Per Cubic Yard				
304.104	CY	AGGR SUBB COURSE - GRAVEL PLAN QTY. (TYPE D) @				
	110	Per Cubic Yard				
403.207	T	HOT MIX ASPHALT 19 MM HMA @				
	150	Per Ton				
403.210	T	HOT MIX ASPHALT 9.5 MM (SHIM) @				
	200	Per Ton				
603.159	LF	12 INCH CULVERT PIPE OPTION III @				
	640	Per Linear Foot				
603.169	LF	15 INCH CULVERT PIPE OPTION III @				
	475	Per Linear Foot				
604.131	EA	4' DIAMETER CATCH BASIN @				
	18	Per Each				
604.161	EA	ALTERING CATCH BASIN @				
	1	Per Linear Foot				
604.18	EA	ADJUSTING MANHOLE OR CATCH BASIN TO GRADE @				
	6	Per Linear Foot				
604.248	LS	CATCH BASIN TYPE F6 @				
	2	Per Each				

BID FORM - BASE BID
LONGMEADOW ROAD DRAINAGE IMPROVEMENTS
CUMBERLAND, MAINE

7/7/2022

Item No.	Quantity	Item with Unit Bid Price Written in Words	Unit Price		Total Price	
			Dollars	Cents	Dollars	Cents
605.12	LF	15 INCH UNDERDRAIN TYPE C @ _____				
	525	Per Linear Foot				
609.50	LF	SLIPFORM CONCRETE CURB @ _____				
	2,950	Per Linear Foot				
615.0701	CY	LOAM - PLAN QUANTITY @ _____				
	420	Per Cubic Yard				
618.1401	UN	SEEDING METHOD NUMBER 2 - PLAN QUANTITY @ _____				
	25	Per Unit				
619.1201	UN	MULCH - PLAN QUANTITY @ _____				
	25	Per Unit				
625.143	LF	4 INCH PIPE SLEEVE @ _____				
	1*	Per Linear Foot				
652.39	LS	WORK ZONE TRAFFIC CONTROL @ _____				
	1	Lump Sum				
656.75	LS	TEMP SOIL EROSION & WATER POLLUTION CT @ _____				
	1	Lump Sum				
TOTAL AMOUNT OF BASE BID FOR LONGMEADOW ROAD, WRITTEN AND IN FIGURES BASED ON ESTIMATE OF QUANTITIES.						

The pay items with quantities marked with an asterisk (*) on the bid sheets are for quantities that are indeterminate. These items are part of the Contract Proposal and will also be used should any extra work be necessary. Actual quantities will be measured in the field or calculated from the contract drawings. The unit price will be used regardless of final quantity.

BID FORM - BASE BID
OLE MUSKET ROAD DRAINAGE IMPROVEMENTS
CUMBERLAND, MAINE

7/7/2022

BASE BID

Item No.	Quantity	Item with Unit Bid Price Written in Words	Unit Price		Total Price	
			Dollars	Cents	Dollars	Cents
201.23	EA	REMOVING SINGLE TREE TOP ONLY (PROTECTION OF TREES) @ _____				
	1*	Per Each				
203.20	CY	COMMON EXCAVATION (PLAN QUANTITY) @ _____				
	100	Per Cubic Yard				
203.21	CY	ROCK EXCAVATION @ _____				
	1*	Per Cubic Yard				
203.250	CY	GRANULAR BORROW @ _____				
	20*	Per Cubic Yard				
203.290	CY	CRUSHED STONE @ _____				
	20*	Per Unit				
304.104	CY	AGGR SUBB COURSE - GRAVEL PLAN QTY. (TYPE D) @ _____				
	85	Per Cubic Yard				
403.207	T	HOT MIX ASPHALT 19 MM HMA @ _____				
	90	Per Ton				
403.21	T	HOT MIX ASPHALT 9.5 MM (SHIM) @ _____				
	240	Per Ton				
603.159	LF	12 INCH CULVERT PIPE OPTION III @ _____				
	100	Per Linear Foot				
603.169	LF	15 INCH CULVERT PIPE OPTION III @ _____				
	250	Per Linear Foot				
604.131	EA	4' DIAMETER CATCH BASIN @ _____				
	9	Per Each				
604.161	EA	ALTERING CATCH BASIN @ _____				
	1	Per Linear Foot				
604.18	EA	ADJUSTING MANHOLE OR CATCH BASIN TO GRADE @ _____				
	1	Per Linear Foot				

BID FORM - BASE BID
OLE MUSKET ROAD DRAINAGE IMPROVEMENTS
CUMBERLAND, MAINE

7/7/2022

Item No.	Quantity	Item with Unit Bid Price Written in Words	Unit Price		Total Price	
			Dollars	Cents	Dollars	Cents
605.11	LF	12 INCH UNDERDRAIN TYPE C @ _____				
	360	Per Linear Foot				
605.12	LF	15 INCH UNDERDRAIN TYPE C @ _____				
	270	Per Linear Foot				
609.05	LF	SLIPFORM CONCRETE CURB @ _____				
	2,100	Per Linear Foot				
615.0701	CY	LOAM - PLAN QUANTITY @ _____				
	300	Per Cubic Yard				
618.1401	UN	SEEDING METHOD NUMBER 2 - PLAN QUANTITY @ _____				
	18	Per Unit				
619.1201	UN	MULCH - PLAN QUANTITY @ _____				
	18	Per Unit				
625.143	LF	4 INCH PIPE SLEEVE @ _____				
	1*	Per Linear Foot				
652.39	LS	WORK ZONE TRAFFIC CONTROL @ _____				
	1	Lump Sum				
656.75	LS	TEMP SOIL EROSION & WATER POLLUTION CT @ _____				
	1	Lump Sum				
TOTAL AMOUNT OF BASE BID FOR OLE MUSKET ROAD, WRITTEN AND IN FIGURES BASED ON ESTIMATE OF QUANTITIES.						

The pay items with quantities marked with an asterisk (*) on the bid sheets are for quantities that are indeterminate. These items are part of the Contract Proposal and will also be used should any extra work be necessary. Actual quantities will be measured in the field or calculated from the contract drawings. The unit price will be used regardless of final quantity.

BID FORM - BID ALTERNATE 1: FULL DEPTH RECONSTRUCTION
LONGMEADOW ROAD AND OLE MUSKET ROAD DRAINAGE IMPROVEMENTS
CUMBERLAND, MAINE

7/7/2022

BID ALTERNATE 1

Item No.	Quantity	Item with Unit Bid Price Written in Words	Unit Price		Total Price	
			Dollars	Cents	Dollars	Cents
203.20	CY	COMMON EXCAVATION (PLAN QUANTITY) @ _____				
	275	Per Cubic Yard				
304.104	CY	AGGR SUBB COURSE - GRAVEL PLAN QTY. (TYPE D) @ _____				
	275	Per Cubic Yard				
651.03	EA	DENSITY TEST @ _____				
	1	Per Each				
TOTAL AMOUNT OF BID ALTERNATE 1, WRITTEN AND IN FIGURES BASED ON ESTIMATE OF QUANTITIES.						

**SPECIAL PROVISION
SECTION 201
CLEARING RIGHT-OF-WAY**

The provisions of Section 201 of the "State of Maine, Department of Transportation, Standard Specifications, Revision of March 2020" shall apply with the following additions and modifications:

201.03 General

The actual lines for clearing trees, limits of tree trimming and individual trees to be removed shall be established in the field by the Contractor fourteen days in advance of clearing operations, and shall be approved by the Town and Engineer prior to clearing. The Contractor shall mark the limits using flagging tape or other methods approved by the Town. The Contractor shall accompany the Town on a site walk to review the areas marked.

201.10 Basis of Payment

Trimming of branches above the roadway as necessary for construction, the removal of stumps, and the protection of existing trees/shrubs shall be considered as incidental to the cost of supplying and installing the storm drain.

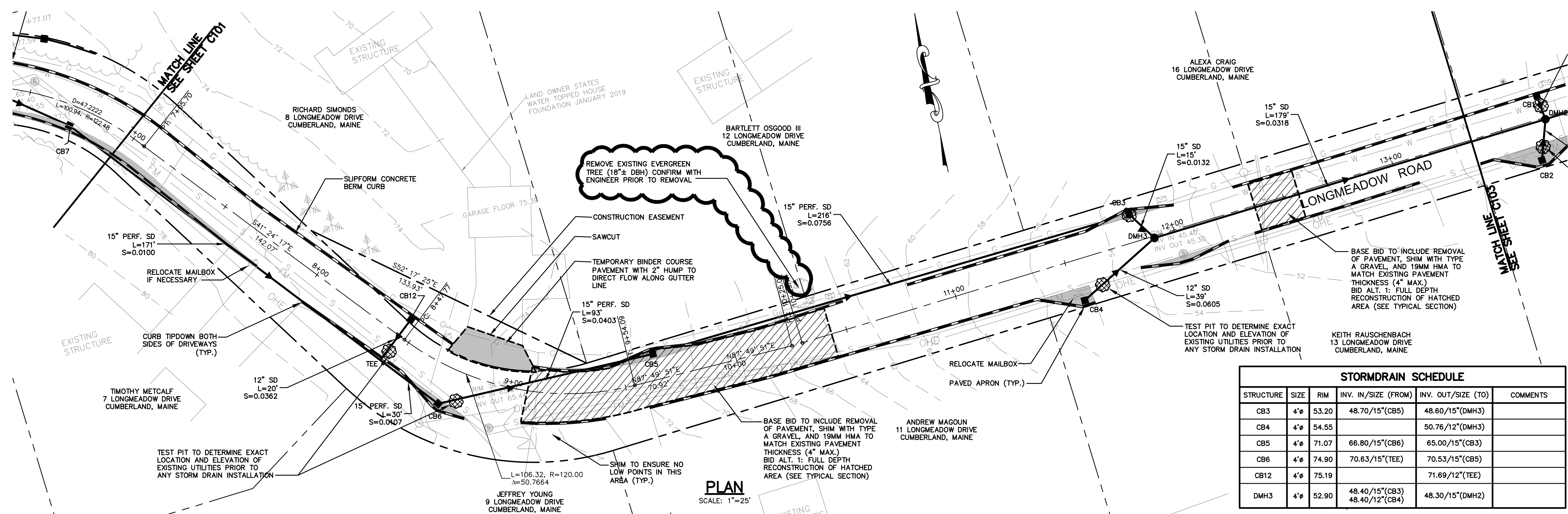
Trimming of branches above the roadway as necessary for construction shall be incidental to Item 203.20 Common Excavation. Removal of stumps shall be considered incidental to Item 203.20 Common Excavation. The protection of existing trees/shrubs will be considered incidental to pay item 201.23.

Removal of trees by the Contractor not approved for removal will result in a \$500 fine per tree in addition to replacement of the tree with a new 4" caliper tree.

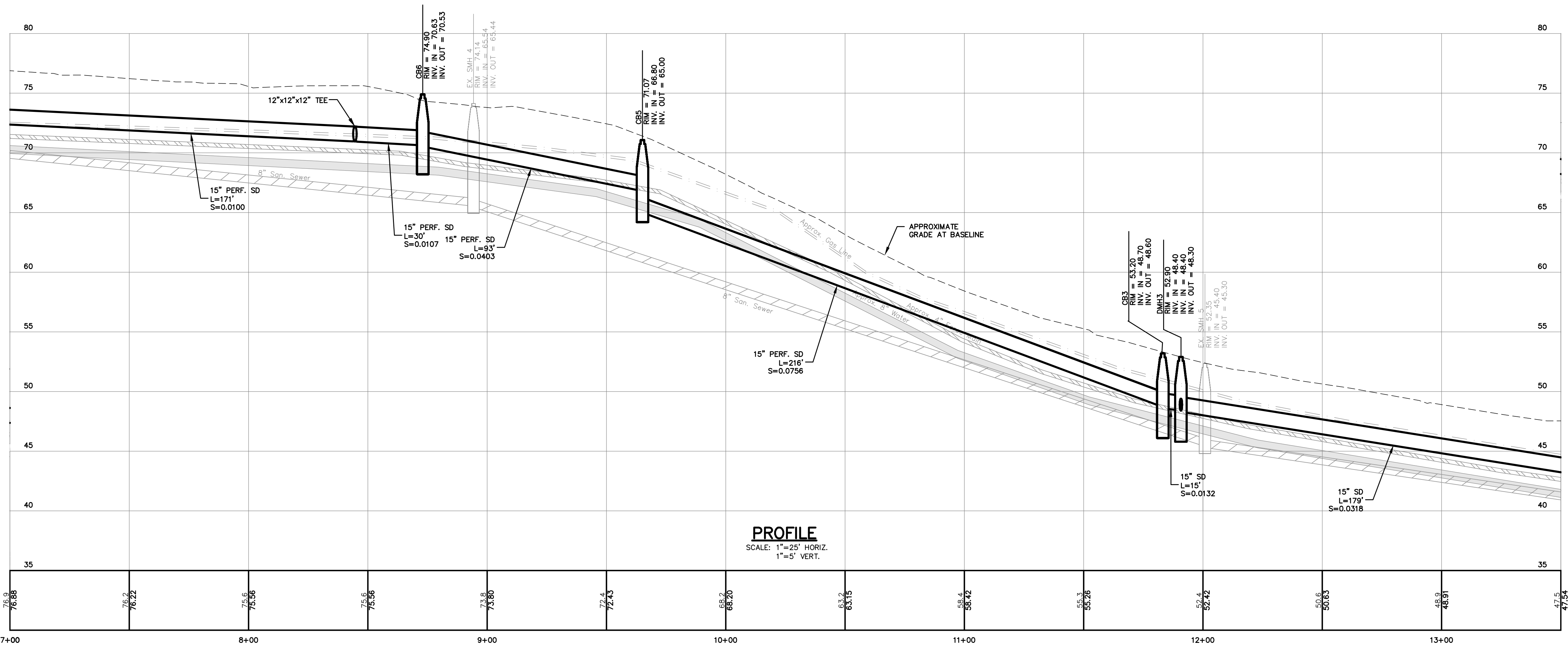
Clearing will be considered incidental to the related contract items and no separate payment shall be made.

Payment will be made under:		
<u>Pay Item</u>		<u>Pay Unit</u>
201.23	Removing Single Tree Top Only	Each

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STORMDRAIN SCHEDULE					
STRUCTURE	SIZE	RIM	INV. IN/SIZE (FROM)	INV. OUT/SIZE (TO)	COMMENTS
CB3	4"	53.20	48.70/15"(CB5)	48.60/15"(DMH3)	
CB4	4"	54.55		50.76/12"(DMH3)	
CB5	4"	71.07	66.80/15"(CB6)	65.00/15"(CB3)	
CB6	4"	74.90	70.63/15"(TEE)	70.53/15"(CB5)	
CB12	4"	75.19		71.69/12"(TEE)	
DMH3	4"	52.90	48.40/15"(CB3) 48.40/12"(CB4)	48.30/15"(DMH2)	

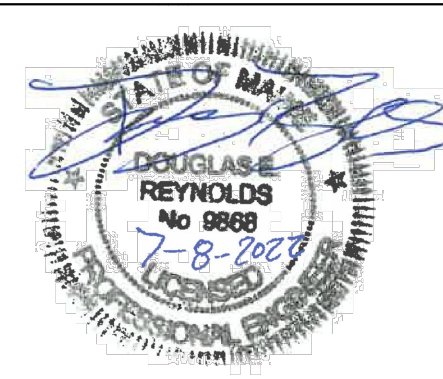


NOTES:

- TRAFFIC CONTROL SHALL BE PROVIDED BY THE CONTRACTOR AT ALL TIMES WHEN TWO TRAVEL LANES ARE NOT AVAILABLE OR WHEN WORK ADJACENT TO THE TRAVELWAY REQUIRES CONTROL.
- THE CONTRACTOR SHALL COMPLY WITH THE MAINE DOT STANDARD SPECIFICATIONS MARCH 2020 EDITION AND THE SUPPLEMENT SPECIFICATIONS AND PROVISIONS PROVIDED FOR THIS LONGMEADOW ROAD DRAINAGE IMPROVEMENT WORK.
- EXISTING CONDITIONS BASED ON SURVEY COMPLETED BY BOUNDARY POINTS.
- SAWCUT LINES NOT SHOWN FOR CLARITY. SEE TYPICAL SECTION STATIONING ON SHEET C107 FOR LIMITS OF ROADWAY WIDENING.

1 inch = 25 ft.

NOTE: THIS PLAN SET IS ISSUED FOR CONSTRUCTION.



Rev.	Date	Revision

ADDENDUM 1	7/8/22	DER
CONSTRUCTION	6/13/22	DER
Issued For	Date	By

Design: AJK	Draft: CG	Date: MAR 2022
Checked: DER	Scale: 1"=25'	Job No.: 1636.100
File Name: 1636.100-PBASE.dwg		
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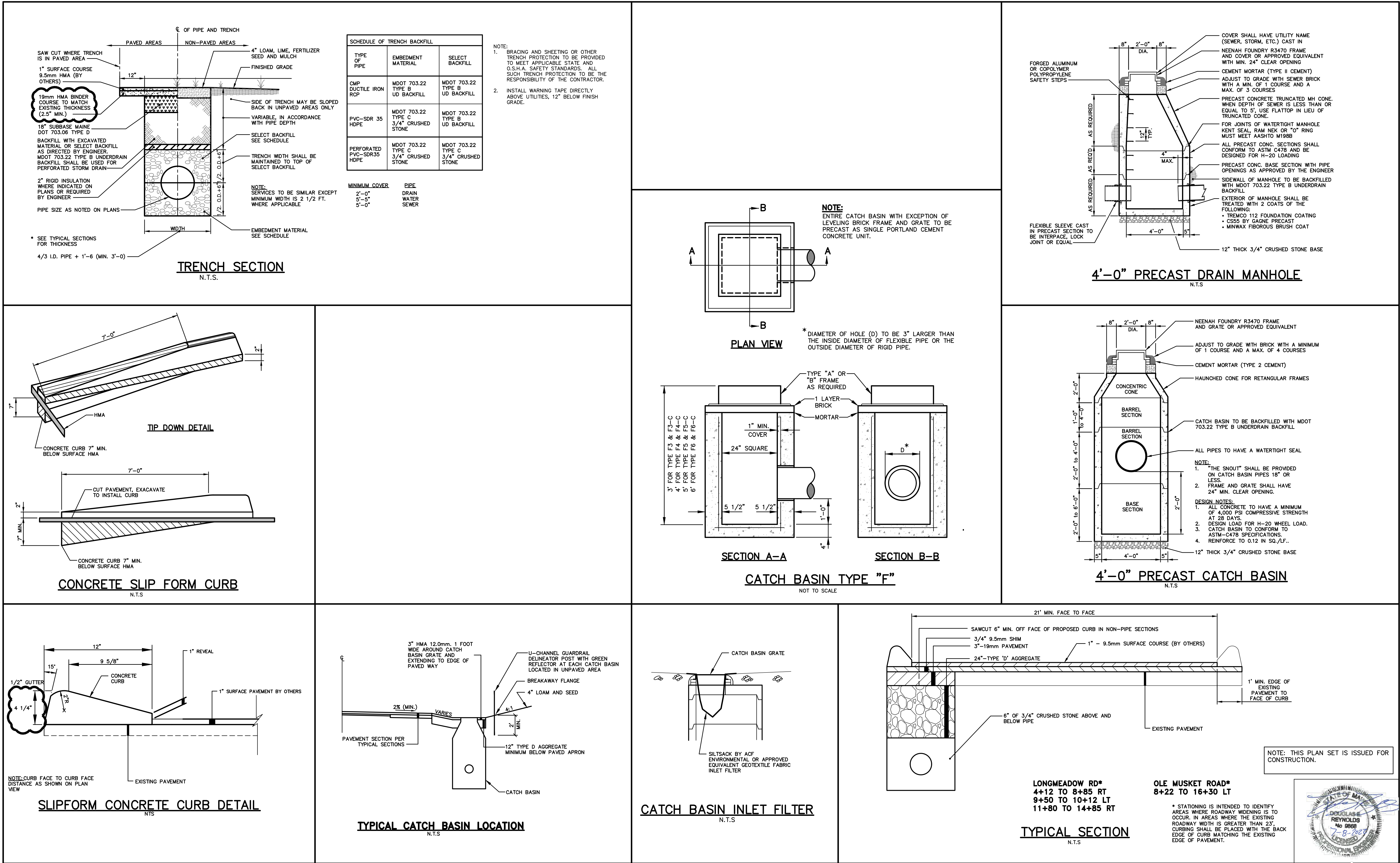
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Drawing Name:	Longmeadow Drive Plan and Profile
Project:	Longmeadow Road and Ole Musket Road Drainage Improvements Cumberland, Maine
Client:	Town of Cumberland 290 Tuttle Road, Cumberland, Maine

Drawing No.

C102

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Rev.	Date	Revision

ADDENDUM	Date	By

Design: AJK	Draft: CG	Date: MAR 2022
Checked: DER	Scale: NTS	Job No.: 1636.100
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Drawing Name:	Drainage Details
Project:	Longmeadow Road and Ole Musket Road Drainage Improvements Cumberland, Maine
Client:	Town of Cumberland 290 Tuttle Road, Cumberland, Maine

Drawing No.
C107