



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

Janet T. Mills  
GOVERNOR

Bruce A. Van Note  
COMMISSIONER

February 28, 2025

Subject: Roundabout Construction  
WIN: 026019.00  
Location: **Damariscotta**  
**Amendment No. 1**

Dear Sir/Ms.:

Please make the following changes to the bid book:

**REMOVE** pages 17 thru 24, "Proposal Schedule of Items" dated 02/12/2025 and **REPLACE** with the attached revised "Proposal Schedule of Items", 8 pages, dated 02/27/2025.

**REMOVE** Plan Sheet 4, "Typical Sections" dated 02/12/2025 and **REPLACE** with the attached revised Plan Sheet 4, "Typical Sections" dated 02/27/2025.

**REMOVE** Plan Sheet 5, "Estimated Quantities" dated 02/12/2025 and **REPLACE** with the attached revised Plan Sheet 5, "Estimated Quantities" dated 02/27/2025.

The following questions have been received:

**Question:** On sheet 4 detail A & B do not show the overall height of the Slipform curb. Can you please clarify these items?

**Response:** Details A & B on sheet 4 have been revised to indicate the overall height of the slipform curb. The slipform curb for mold 5 shall have a height of 8" and be placed on top of the hot mix asphalt intermediate course. The slipform curb for mold 4 shall have a height of 12" and be placed on top of the aggregate subbase course gravel, at the elevation matching the bottom of the concrete truck apron.

**Question:** Item 652.36 "Maintenance of Traffic Control Devices" has an estimated quantity of 300 CD. With the bid date of March 19, 2025 and a completion date of November 3, 2025, there is no way that there will be 300 calendar days for "Maintenance of Traffic Control Devices". There is only 202 CD between the dates above and it will take 21 to 28 CD minimum to award the project after the bid date. The estimated quantity should be a maximum of 180 CD or less.

**Response:** The estimated quantity has been revised to 180 days. Please see revised Sheet 5 and revised schedule of items.

**Question:** Is there a plan that shows what will be required for the detour signage package for Belvedere Road closure at both the west and east sides of Route 1?

**Response:** There is not a formal detour signage package. The resident will direct the contractor where to place detour signage.

Consider these changes and information prior to submitting your bid on **March 19, 2025.**

Sincerely,



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

2/27/2025

## Maine Department of Transportation

## Proposal Schedule of Items

Page 1 of 8

Proposal ID: 026019.00

Project(s): 026019.00

SECTION: 1 HIGHWAY ITEMS

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	201.23 REMOVING SINGLE TREE TOP ONLY	7.000 EA	_____	_____	_____	_____
0020	201.24 REMOVING STUMP	7.000 EA	_____	_____	_____	_____
0030	203.20 COMMON EXCAVATION	6,458.000 CY	_____	_____	_____	_____
0040	203.21 ROCK EXCAVATION	325.000 CY	_____	_____	_____	_____
0050	304.10 AGGREGATE SUBBASE COURSE - GRAVEL	5,500.000 CY	_____	_____	_____	_____
0060	403.2081 12.5 MM POLYMER MODIFIED HOT MIX ASPHALT	690.000 T	_____	_____	_____	_____
0070	403.209 HOT MIX ASPHALT 9.5 MM (SIDEWALKS, DRIVES, INCIDENTALS)	170.000 T	_____	_____	_____	_____
0080	403.213 HOT MIX ASPHALT 12.5 MM BASE	1,980.000 T	_____	_____	_____	_____
0090	409.15 BITUMINOUS TACK COAT - APPLIED	610.000 G	_____	_____	_____	_____
0100	502.342 STRUCTURAL CONCRETE ROADWAY TRUCK APRON	120.000 CY	_____	_____	_____	_____
0110	603.175 18 INCH REINFORCED CONCRETE PIPE CLASS III	325.000 LF	_____	_____	_____	_____
0120	603.179 18 INCH CULVERT PIPE OPTION III	50.000 LF	_____	_____	_____	_____

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Proposal ID: 026019.00

Project(s): 026019.00

SECTION: 1 HIGHWAY ITEMS

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0130	603.55 CONCRETE PIPE TIES	8.000 GP	_____	_____	_____	_____
0140	604.092 CATCH BASIN TYPE B1-C	9.000 EA	_____	_____	_____	_____
0150	606.1301 31" W-BM GR, MID-WAY SPLICE-SGL FACED	125.000 LF	_____	_____	_____	_____
0160	606.1305 31" W-BM GR, MID-WAY SPLICE FLARED TERMINAL	1.000 EA	_____	_____	_____	_____
0170	606.353 REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	2.000 EA	_____	_____	_____	_____
0180	609.21 CONCRETE SLIPFORM CURB	2,950.000 LF	_____	_____	_____	_____
0190	609.219 CONCRETE SLIPFORM CURB - TERMINAL END	32.000 LF	_____	_____	_____	_____
0200	609.341 CURB TYPE 5 - TRUCK APRON	365.000 LF	_____	_____	_____	_____
0210	610.08 PLAIN RIPRAP	43.000 CY	_____	_____	_____	_____
0220	610.18 STONE DITCH PROTECTION	165.000 CY	_____	_____	_____	_____
0230	613.319 EROSION CONTROL BLANKET	970.000 SY	_____	_____	_____	_____
0240	615.07 LOAM	330.000 CY	_____	_____	_____	_____

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## Maine Department of Transportation

## Proposal Schedule of Items

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0250	615.081 COMPOST BLANKET	395.000 CY				
0260	615.10 DIRTY BORROW	50.000 CY				
0270	618.13 SEEDING METHOD NUMBER 1	20.000 UN				
0280	618.14 SEEDING METHOD NUMBER 2	15.000 UN				
0290	619.12 MULCH	35.000 UN				
0300	619.13 BARK MULCH	10.000 CY				
0310	620.58 EROSION CONTROL GEOTEXTILE	86.000 SY				
0320	621.031 EVERGREEN TREES (4 FOOT - 5 FOOT) GROUP A	5.000 EA				
0330	621.037 EVERGREEN TREES (5 FOOT - 6 FOOT) GROUP A	5.000 EA				
0340	621.043 EVERGREEN TREES (6 FOOT - 8 FOOT) GROUP A	3.000 EA				
0350	621.046 EVERGREEN TR (8' - 10') GP A	1.000 EA				
0360	621.101 PLUG/ STARTER PLANT	1,250.000 EA				

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## Maine Department of Transportation

## Proposal Schedule of Items

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Proposal ID: 026019.00

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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
0370	621.396 EVERGREENS (18 INCH - 24 INCH) GROUP B	90.000 EA	_____	 _____	_____	 _____
0380	621.402 EVERGREENS (2 FOOT - 2.50 FOOT) GROUP B	24.000 EA	_____	 _____	_____	 _____
0390	621.408 EVERGREENS (2.50 FOOT - 3 FOOT) GROUP B	12.000 EA	_____	 _____	_____	 _____
0400	621.54 DECIDUOUS SHRUBS (18 INCH - 24 INCH) GROUP A	80.000 EA	_____	 _____	_____	 _____
0410	621.546 DECIDUOUS SHRUBS (2 FOOT - 3 FOOT) GROUP A	90.000 EA	_____	 _____	_____	 _____
0420	621.552 DECIDUOUS SHRUBS (3 FOOT - 4 FOOT) GROUP A	20.000 EA	_____	 _____	_____	 _____
0430	621.558 DECIDUOUS SHRUBS (4 FOOT - 5 FOOT) GROUP A	8.000 EA	_____	 _____	_____	 _____
0440	621.71 HERBACEOUS PERENNIALS GROUP A	650.000 EA	_____	 _____	_____	 _____
0450	621.80 ESTABLISHMENT PERIOD	LUMP SUM	LUMP SUM		_____	 _____
0460	626.11 PRECAST CONCRETE JUNCTION BOX	15.000 EA	_____	 _____	_____	 _____
0470	626.22 NON-METALLIC CONDUIT	1,630.000 LF	_____	 _____	_____	 _____

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## Maine Department of Transportation

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Alt Set ID: Alt Mbr ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0480	626.43 30 INCH DIAMETER FOUNDATION	101.000 LF	_____	_____	_____	_____
0490	627.733 4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	5,350.000 LF	_____	_____	_____	_____
0500	627.75 WHITE OR YELLOW PAVEMENT & CURB MARKING	80.000 SF	_____	_____	_____	_____
0510	627.78 TEMPORARY 4 INCH PAINTED PAVEMENT MARKING LINE, WHITE OR YELLOW	5,350.000 LF	_____	_____	_____	_____
0520	629.05 HAND LABOR, STRAIGHT TIME	20.000 HR	_____	_____	_____	_____
0530	631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	10.000 HR	_____	_____	_____	_____
0540	631.133 SKID STEER (INCLUDING OPERATOR)	10.000 HR	_____	_____	_____	_____
0550	631.14 GRADER (INCLUDING OPERATOR)	10.000 HR	_____	_____	_____	_____
0560	631.172 TRUCK - LARGE (INCLUDING OPERATOR)	20.000 HR	_____	_____	_____	_____
0570	631.18 CHAIN SAW RENTAL (INCLUDING OPERATOR)	10.000 HR	_____	_____	_____	_____
0580	631.20 STUMP CHIPPER (INCLUDING OPERATOR)	20.000 HR	_____	_____	_____	_____

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0590	631.32 CULVERT CLEANER (INCLUDING OPERATOR)	20.000 HR	_____	_____	_____	_____
0600	634.160 HIGHWAY LIGHTING	LUMP SUM	LUMP SUM	_____	_____	_____
0610	634.2042 LED LUMINARIES	12.000 EA	_____	_____	_____	_____
0620	634.210 CONVENTIONAL LIGHT STANDARD	12.000 EA	_____	_____	_____	_____
0630	634.25 SERVICE POLE COMPLETE WITH CABINET AND CONTROLS	1.000 EA	_____	_____	_____	_____
0640	639.19 FIELD OFFICE TYPE B	1.000 EA	_____	_____	_____	_____
0650	643.72 TEMPORARY TRAFFIC SIGNAL	LUMP SUM	LUMP SUM	_____	_____	_____
0660	645.106 DEMOUNT REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGN	11.000 EA	_____	_____	_____	_____
0670	645.108 DEMOUNT POLE	11.000 EA	_____	_____	_____	_____
0680	645.116 REINSTALL REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGN	4.000 EA	_____	_____	_____	_____
0690	645.118 REINSTALL POLE	4.000 EA	_____	_____	_____	_____
0700	645.161 BREAKAWAY DEVICES SINGLE POLE	20.000 EA	_____	_____	_____	_____



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## Proposal Schedule of Items

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Proposal ID: 026019.00

Project(s): 026019.00

SECTION: 1 HIGHWAY ITEMS

Alt Set ID:

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0710	645.292 REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGNS TYPE II	265.000 SF	_____	_____	_____	_____
0720	645.301 DEMOUNTABLE REFLECTORIZED DELINEATOR, SINGLE	40.000 EA	_____	_____	_____	_____
0730	652.312 TYPE III BARRICADE	20.000 EA	_____	_____	_____	_____
0740	652.33 DRUM	50.000 EA	_____	_____	_____	_____
0750	652.34 CONE	90.000 EA	_____	_____	_____	_____
0760	652.35 CONSTRUCTION SIGNS	1,020.000 SF	_____	_____	_____	_____
0770	652.36 MAINTENANCE OF TRAFFIC CONTROL DEVICES	180.000 CD	_____	_____	_____	_____
0780	652.38 FLAGGER	1,920.000 HR	_____	_____	_____	_____
0790	652.41 PORTABLE CHANGEABLE MESSAGE SIGN	12.000 EA	_____	_____	_____	_____
0800	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LUMP SUM	_____	LUMP SUM	_____	_____
0810	658.20 ACRYLIC LATEX COLOR FINISH, GREEN GREEN	810.000 SY	_____	_____	_____	_____

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Maine Department of Transportation

Proposal Schedule of Items

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Proposal ID: 026019.00

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SECTION: 1 HIGHWAY ITEMS

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Alt Mbr ID:

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

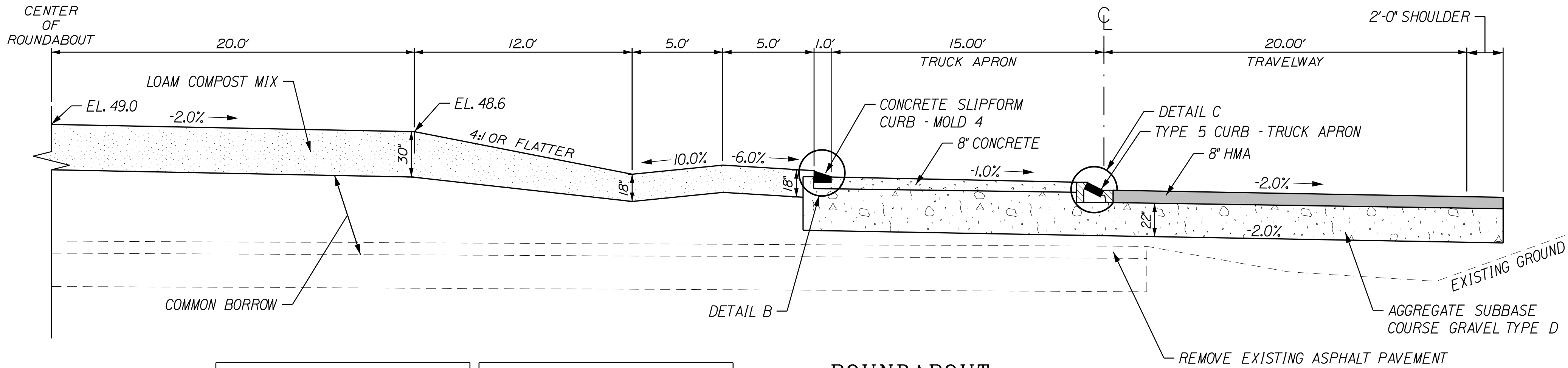
Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0820	659.10 MOBILIZATION	LUMP SUM		LUMP SUM		
Section: 1			Total:			
			Total Bid:			

Date:2/27/2025

Username: MurphySP

Division:

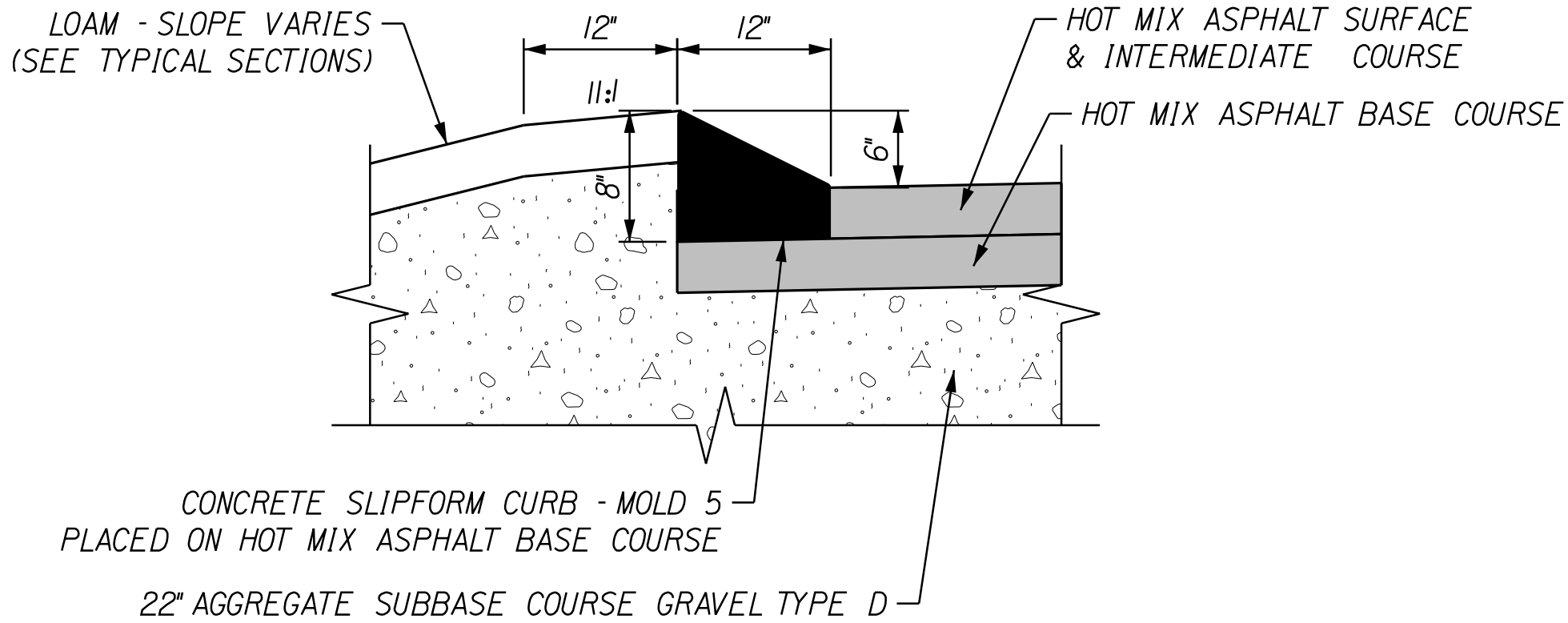
Filename: ... \d3277831\004\_typical\_03.dgn



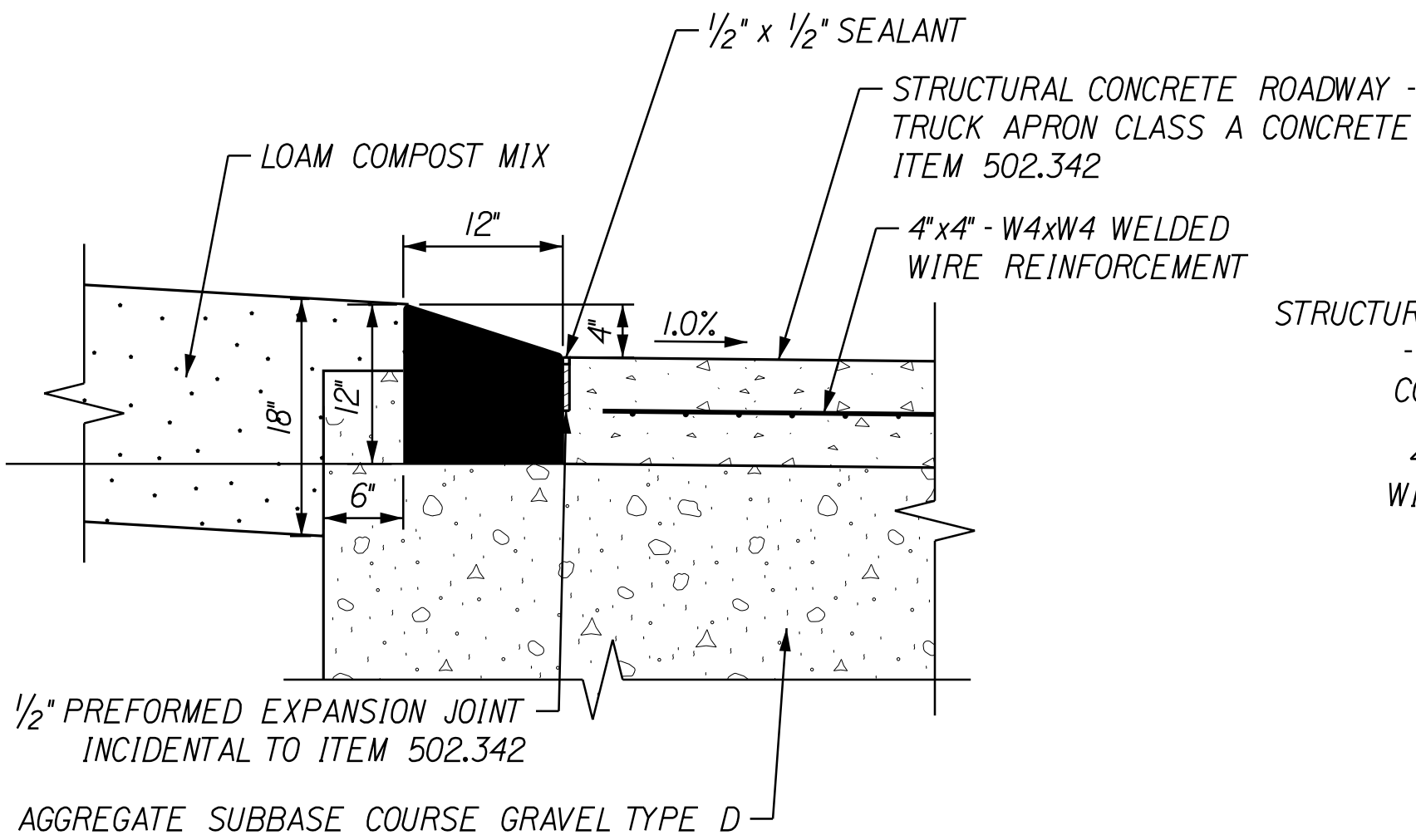
- NOTES:
1. THE PAVEMENT, BASE AND SUBBASE DEPTHS AS SHOWN ON THE PLANS ARE INTENDED TO BE NOMINAL.
  2. CROWNS FOR BOTH NORMAL AND SUPERELEVATION SECTIONS FOR ALL COURSES OF SUBBASE AND PAVEMENT SHALL BE STRAIGHT.
  3. THE GRAVEL QUANTITY CALCULATION IS BASED ON A 4" LOAM DEPTH. THE ACTUAL DEPTH MAY VARY. SEE THE GENERAL NOTES.
  4. THE ALGEBRAIC DIFFERENCE BETWEEN THE SHOULDER AND TRAVELWAY CROSS SLOPES "ROLLOVER" SHALL NOT EXCEED 8%.
  5. THE STATIONING SHOWN UNDER EACH TYPICAL IS APPROXIMATE.
  6. PAVEMENT STRUCTURE IS ESTIMATED AND WILL BE UPDATED ONCE PAVEMENT DESIGN HAS BEEN COMPLETED.

TRUCK APRON	TRAVELWAY & SHOULDER
22" A.B.C. = 101.9 CY/100 LF	22" A.B.C. = 149.4 CY/100 LF
STATION TO STATION	STATION TO STATION
700+00.00 TO 703+64.42	700+00.00 TO 703+64.42

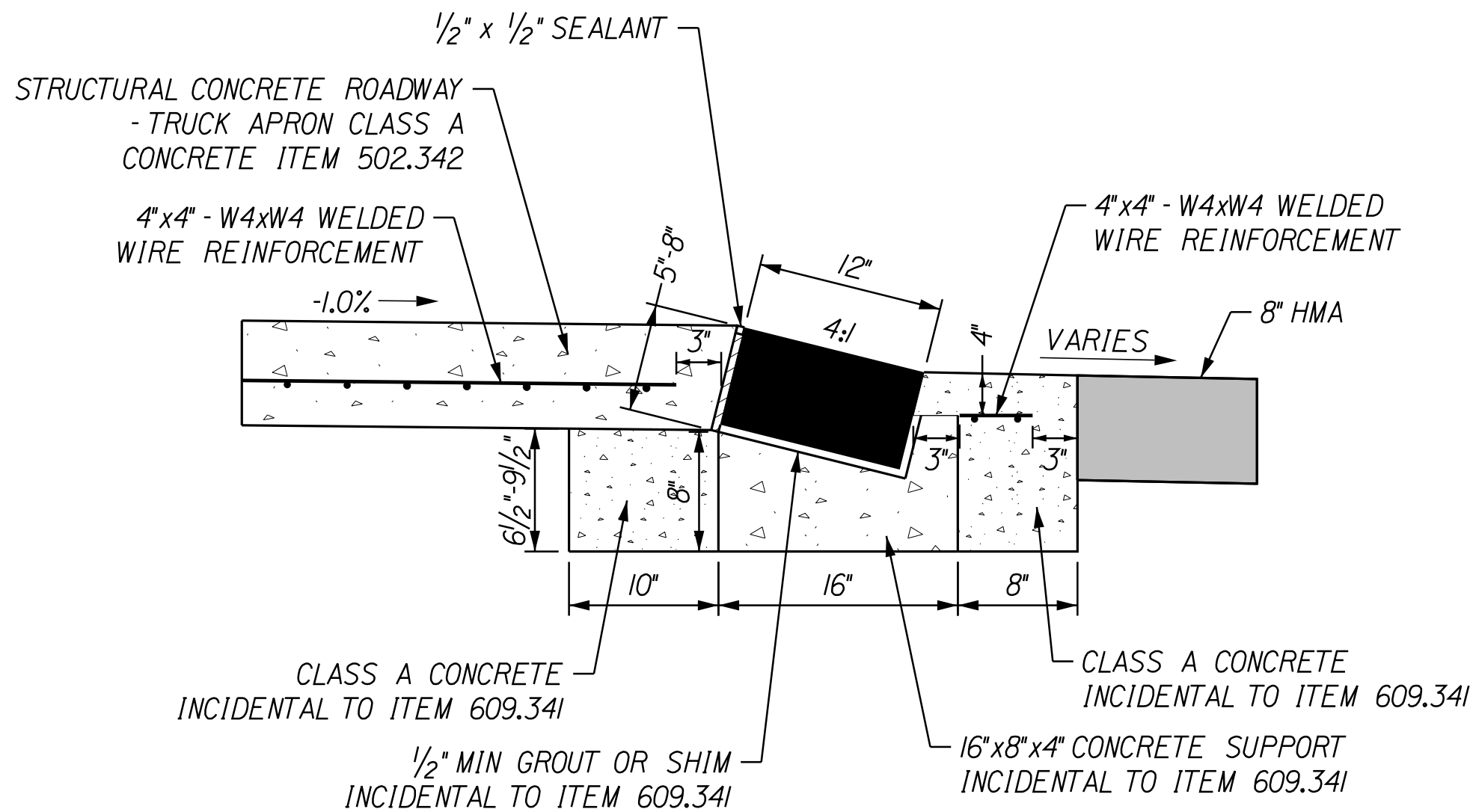
ROUNDABOUT  
STA. 700+00.00 TO STA. 703+64.42  
SCALE: 1/4"=1'



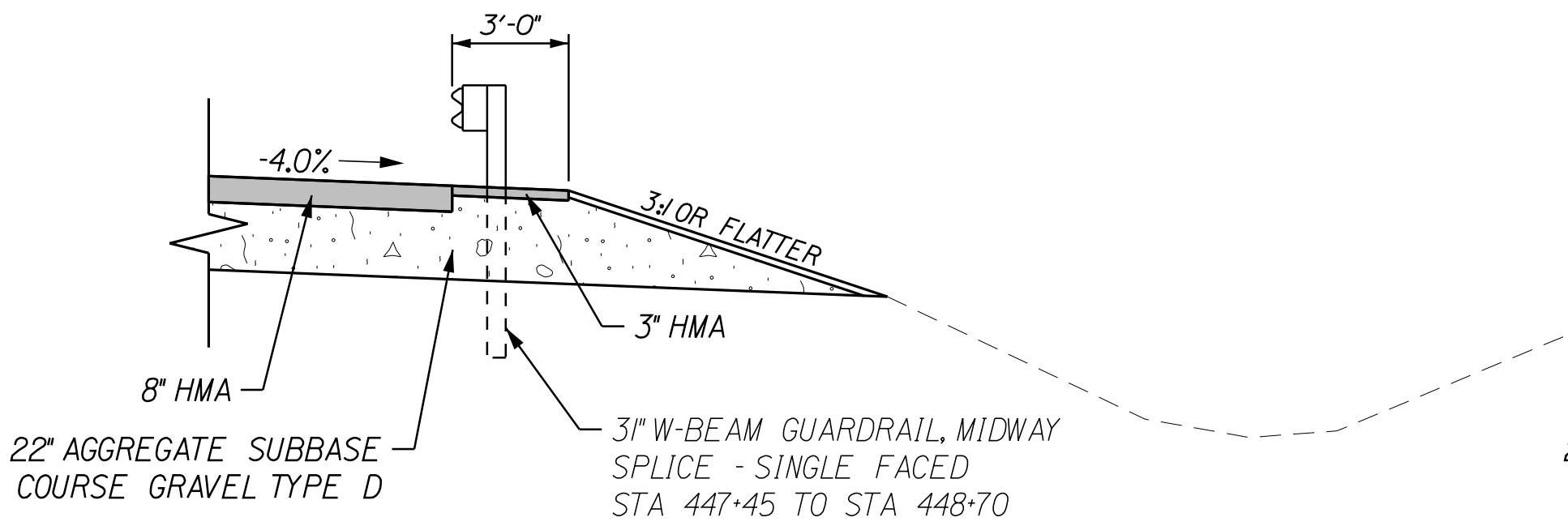
DETAIL A  
CONCRETE SLIPFORM CURB MOLD 5  
N.T.S.



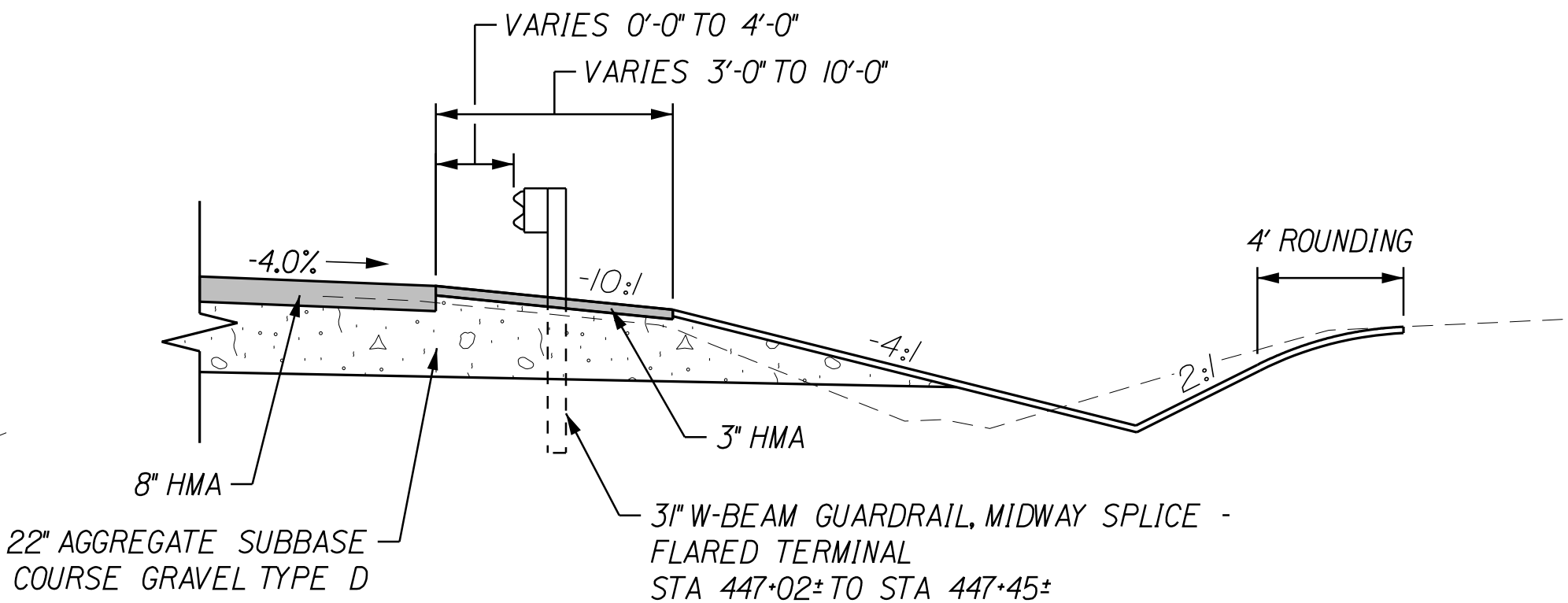
DETAIL B  
CONCRETE SLIP FORM CURB MOLD 4  
N.T.S.



DETAIL C  
CURB TYPE 5 - TRUCK APRON  
N.T.S.



DETAIL D  
GUARDRAIL SECTION  
N.T.S.



DETAIL D  
GUARDRAIL TERMINAL SECTION  
N.T.S.

CURB TYPE (SHEET)
CONCRETE SLIPFORM CURB - MOLD 2
CONCRETE SLIPFORM CURB - MOLD 4
CONCRETE SLIPFORM CURB - MOLD 5
CURB TYPE 5 - TRUCK APRON
STATIONING
SEE SHEET 2

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

WIN  
26019.00  
HIGHWAY PLANS

PROJ. MANAGER	BY	DATE
D. COOMBS	W. STRONG	1/25
DESIGN-DETAILED	S. MURPHY	1/25
CHECKED-REVIEWED		
DESIGN-DETAILED		
DESIGN-DETAILED		
REVISIONS 1	UPDATED DETAILS A & B 02/27/25	
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

DAMARISCOTTA  
RD  
US1 AT BELVEDERE RD

TYPICAL SECTIONS

SHEET NUMBER

4

OF 77



ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
201.23	REMOVING SINGLE TREE TOP ONLY	7	EA
201.24	REMOVING STUMP	7	EA
203.20	COMMON EXCAVATION	6,458	CY
203.21	ROCK EXCAVATION	325	CY
304.10	AGGREGATE SUBBASE COURSE - GRAVEL	5,500	CY
403.2081	HOT MIX ASPHALT, 12.5 MM NOMINAL MAXIMUM SIZE (POLYMER MODIFIED)	690	T
403.209	HOT MIX ASPHALT, 9.5 MM NOMINAL MAXIMUM SIZE (SIDEWALKS, DRIVES, ISLANDS & INCIDENTALS)	170	T
403.213	HOT MIX ASPHALT, 12.5 MM NOMINAL MAXIMUM SIZE (BASE AND INTERMEDIATE BASE COURSE)	1,980	T
409.15	BITUMINOUS TACK COAT, APPLIED	610	GAL
502.342	STRUCTURAL CONCRETE ROADWAY TRUCK APRON	120	CY
603.175	18" REINFORCED CONCRETE PIPE CLASS III	325	LF
603.179	18" CULVERT PIPE OPTION III	50	LF
603.55	CONCRETE PIPE TIES	8	EA
604.092	CATCH BASIN TYPE B1-C	9	EA
606.1301	31" W-BEAM GUARDRAIL, MIDWAY SPLICE - SINGLE FACED	125	LF
606.1305	31" W-BEAM GUARDRAIL, MIDWAY SPLICE FLARED TERMINAL	1	EA
606.353	REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	2	EA
609.21	CONCRETE SLIPFORM CURB - TYPE 2	2,950	LF
609.219	CONCRETE SLIPFORM TERMINAL END TYPE 2	32	LF
609.341	CURB TYPE 5 - TRUCK APRON	365	LF
610.08	PLAIN RIPRAP	43	CY
610.18	STONE DITCH PROTECTION	165	CY
613.319	EROSION CONTROL BLANKET	970	SY
615.07	LOAM	330	CY
615.081	COMPOST BLANKET	395	CY
615.10	DIRTY BORROW	50	CY
618.13	SEEDING METHOD NUMBER 1	20	UN
618.14	SEEDING METHOD NUMBER 2	15	UN
619.12	MULCH	35	UN
619.13	BARK MULCH	10	CY
620.58	EROSION CONTROL GEOTEXTILE	86	SY
621.031	EVERGREEN TREE 4' - 5' GR. A B&B	5	EA
621.037	EVERGREEN TREE 5' - 6' GR. A B&B	5	EA
621.043	EVERGREEN TREE 6' - 8' GR. A B&B	3	EA
621.046	EVERGREEN TREE 8' - 10' GR. A B&B	1	EA
621.101	PLUGS/STARTER PLANTS TYP 2" CONT. MIN 6" PLANTS	1,250	EA
621.396	EVERGREEN SHRUB 18" - 24" GR. B CONT.	90	EA
621.402	EVERGREEN SHRUB 2 - 2½' GR. B CONT.	24	EA
621.408	EVERGREEN SHRUB 2 ½' - 3 ' GR. B CONT.	12	EA
621.54	DECIDUOUS SHRUB 18- 24" GR. A CONT.	80	EA
621.546	DECIDUOUS SHRUB 2'- 3' GR. A B&B	90	EA
621.552	DECIDUOUS SHRUB 3'- 4' GR. A B&B	20	EA
621.558	DECIDUOUS 4' - 5' GR. A B&B HEAVY SPEC.	8	EA
621.71	HERBACEOUS PERENNIALS GR. A 1 GAL. CONT./PATCHES	650	EA
621.80	ESTABLISHMENT PERIOD	1	LS
626.11	PRECAST CONCRETE JUNCTION BOX	15	EA
626.22	NON-METALLIC CONDUIT	1,630	LF
626.43	30-INCH DIAMETER FOUNDATION	101	LF
627.733	4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	5,350	LF
627.75	WHITE OR YELLOW PAVEMENT & CURB MARKING	80	SF
627.78	TEMPORARY 4" PAINT PAVEMENT MARKING LINE, WHITE OR YELLOW	5,350	LF
629.05	HAND LABOR, STRAIGHT TIME	20	HR
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	10	HR
631.133	SKID STEER (INCLUDING OPERATOR)	10	HR
631.14	GRADER (INCLUDING OPERATOR)	10	HR
631.172	TRUCK-LARGE (INCLUDING OPERATOR)	20	HR
631.18	CHAIN SAW RENTAL (INCLUDING OPERATOR)	10	HR
631.20	STUMP CHIPPER RENTAL (INCLUDING OPERATOR)	20	HR
631.32	CULVERT CLEANER (INCLUDING OPERATORS)	20	HR
634.160	HIGHWAY LIGHTING	1	LS
634.2042	LED LUMINAIRIES	12	EA
634.210	CONVENTIONAL LIGHT STANDARD	12	EA
634.25	SERVICE POLE COMPLETE WITH CABINET AND CONTROLLER	1	EA
639.19	FIELD OFFICE TYPE B	1	EA
643.72	TEMPORARY TRAFFIC SIGNAL	1	LS
645.106	DEMOUNT REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGN	11	EA
645.108	DEMOUNT POLE	11	EA
645.116	REINSTALL REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGN	4	EA
645.118	REINSTALL POLE	4	EA
645.161	BREAKAWAY DEVICE SINGLE POLE	20	EA
645.292	REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGNS TYPE II	265	SF
645.301	DEMOUNTABLE REFLECTORIZED FLEXIBLE DELINEATOR, SINGLE	40	EA
652.312	TYPE III BARRICADE	20	EA
652.33	DRUM	50	EA
652.34	CONE	90	EA
652.35	CONSTRUCTION SIGNS	1,020	SF
652.36	MAINTENANCE OF TRAFFIC CONTROL DEVICES	180	CD
652.38	FLAGGER	1,920	HR
652.41	PORTABLE CHANGEABLE MESSAGE SIGN	12	EA
656.75	TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	1	LS
658.20	ACRYLIC LATEX FINISH, GREEN	810	SY
659.10	MOBILIZATION	1	LS

EARTHWORK SUMMARY			
COMMON EXCAVATION FOR ESTIMATE			
COMMON EXCAVATION (FROM MODEL OR PLANS)	5840		
GRUBBING IN FILL	145		
LOAM SALVAGE IN FILL			
UNDERCUT			
MUCK EXCAVATION			
PEAT EXCAVATION			
CULVERT INLET AND OUTLET DITCHES	43		
PAVEMENT SALVAGE IN FILL	430		
TOTAL COMMON EXCAVATION	6458		
FILL FOR BORROW CALCULATIONS			
COMMON FILL (FROM MODEL OR PLANS)	2620		
GRUBBING IN FILL	10		
LOAM SALVAGE IN FILL			
UNDERCUT	0		
MUCK EXCAVATION			
PEAT EXCAVATION			
PAVEMENT SALVAGE IN FILL	430		
RECYCLED PAVEMENT REMOVAL IN FILL			
TOTAL FILL	3060		
ROCK EXCAVATION FOR ESTIMATE			
ROCK EXCAVATION (FROM CROSS SECTIONS)	320	Assume 5% of excavation	
ROCK EXCAVATION (BOULDERS)			
TOTAL ROCK EXCAVATION	320		
AVAILABLE COMMON EXCAVATION FOR BORROW CALCULATIONS			
ALL DEDUCTIONS:			
GRUBBING IN CUT	135		
GRUBBING IN FILL	10		
LOAM SALVAGE IN CUT			
LOAM SALVAGE IN FILL			
UNDERCUT	0		
MUCK EXCAVATION			
PEAT EXCAVATION			
PAVEMENT SALVAGE (CUT & FILL)	1150		
TOTAL DEDUCTIONS	1295		
TOTAL AVAILABLE COMMON EXCAVATION (-) TOTAL DEDUCTIONS	5163		
TOTAL AVAILABLE STRUCTURAL EXCAVATION (UNDERDRAIN ONLY)			
RIPPRAP EXCAVATION			
TOTAL AVAILABLE NON-ROCK EXCAVATION	5163		
COMPUTATION OF WASTE STORAGE & WASTE MATERIAL			
TOTAL AVAILABLE WASTE STORAGE AREA (FROM CROSS SECTIONS)			
GRUBBING IN CUT	135		
GRUBBING IN FILL	10		
UNDERCUT	0		
MUCK EXCAVATION			
PEAT EXCAVATION			
TOTAL WASTE MATERIAL	145		
TOTAL WASTE MATERIAL TO BE UTILIZED*			
TOTAL WASTE MATERIAL TO BE WASTED	145		
COMPUTATION FOR GRANULAR BORROW FOR ESTIMATE			
GRANULAR BORROW TO REPLACE MUCK			
GRANULAR BORROW TO REPLACE PEAT			
GRANULAR BORROW IN LOW WET AREAS			
GRANULAR BORROW FOR EMBANKMENT CONSTRUCTION NEAR BOX CULVERTS			
GRANULAR BORROW TO MAINTAIN TRAFFIC			
GRANULAR BORROW FOR UNDERCUTTING			
GRANULAR BORROW FOR CULVERT BEDDING			
TOTAL GRANULAR BORROW	0		
COMPUTATION FOR SURPLUS MATERIAL OR COMMON BORROW FOR ESTIMATE			
TOTAL AVAILABLE NON-ROCK EXCAVATION	5163 x 0.90	=	4650
TOTAL AVAILABLE ROCK EXCAVATION	320 x 1.30	=	420
TOTAL AVAILABLE STRUCTURAL ROCK EXCAVATION	x 1.30	=	0
TOTAL WASTE MATERIAL TO BE UTILIZED	0 x 0.90	=	0
TOTAL AVAILABLE EXCAVATION	5070		
BORROW NEEDED = TOTAL FILL (-) TOTAL AVAILABLE EXCAVATION	0		
IF NO BORROW IS NEEDED, SURPLUS MATERIAL = AVAILABLE EXCAVATION (-) TOTAL FILL, (+)			
TOTAL WASTE MATERIAL TO BE WASTED	2155		
SURPLUS MATERIAL	2155 CY		
GRANULAR BORROW IN LOW WET AREAS			
GRANULAR BORROW TO MAINTAIN TRAFFIC			
BORROW NEEDED (-) REQUIRED GRANULAR BORROW WITHIN FILL	0		
COMMON BORROW	0 CY		

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

SIGNATURE

P.E. NUMBER

DATE

WIN  
26019.00  
HIGHWAY PLANS

DAMARISCOTTA  
US1 AT BELVEDERE RD

ESTIMATED QUANTITIES

SHEET NUMBER

5

OF 77