STATE OF MAINE DEPARTMENT OF TRANSPORTATION

TRAFFIC DATA

Current (2023) AADT	
Future (2035) AADT	
DHV - (% of AADT)	
Design Hourly Volume	
Heavy Trucks (% of AADT)	
Directional Distribution (% of DHV)	
18 kip Equivalent P 2.0	
18 kip Equivalent P 2.5	
Design Speed (mph)	

MAINTENANCE OF TRAFFIC

Traffic Maintained on a signed off site detour - Bridges closed to traffic during construction

MATERIALS

Concrete	Class "A"
Reinforcing Steel	ASTM A 615/A 615M. Grade 60

BASIC DESIGN STRESSES

Concrete	f 'c = 4,000 psi
Reinforcing Steel	f y = 60,000 psi

UTILITIES

Central Maine Power Company Consolidated Communications Time Warner Cable

PROJECT LOCATION:	Great Falls #1 and Great Falls #2 over Presumpscot Latitude 43°-48'-7.49" N Longitude 70°-26'-57.59" W
PROGRAM AREA:	Bridge Program
<u>OUTLINE OF WORK:</u>	Bridge Wearing Surface Replacement with 530' of A Guardrail transitions and flare terminals Expansion Joint Modifications
	Expansion Joint Modifications



LIST OF DRAWINGS

GORHAM - WINDHAM CUMBERLAND COUNTY GREAT FALLS #1 & GREAT FALLS #2 OVER PRESUMPSCOT RIVER WINDHAM CENTER ROAD FEDERAL PROJECT NO. 2707000 PROJECT LENGTH 0.08 mi. BRIDGE NO. 6210 & 1529

River on Windham Center Road on town line
Approach Work



	ESTIMATED QUANTITIES	I	
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202.202	REMOVE PAVEMENT SURFACE	1270	SY
202.127	REMOVE EXISTING BITUMINOUS PAVEMENT (635 SY)	/	LS
304.10	AGGREGATE SUBBASE COURSE - GRAVEI	25	СҮ
403.208	HOT MIX ASPHALT, 12.5MM	200	Т
403.213	HOT MIX ASPHALT, 12.5MM (BASE COURSE)	60	T
409.15	BITUMINOUS TACK COAT, APPLIED	90	G
503.12	REINFORCING STEEL, FAB & DEL	300	LB
503./3	REINFORCING STEEL, PLACING	300	LB
503.17	MECHANICAL/WELDED SPLICE	20	EA
508 14	HIGH PERFORMANCE WATERPRODEING MEMBRANE (640 SY)	/	15
		,	
515.21	PROTECTIVE COATING FOR CONCRETE SURFACES (185 SY)	/	LS
518.50	REPAIR OF UPWARD FACING SURFACES-TO REINFORCING STEEL < 8 INCHES	50	SF
518.51	REPAIR OF UPWARD FACING SURFACES-BELOW REINFORCING STEEL < 8 INCHES	200	SF
520 244	RRIDCE WINT MODIFICATION - TYPE 4	1	E A
520.244	DATIDE JUINT MUDIFICATION - TIFE 4	4	
526.301	PORTABLE CONCRETE BARRIER, ITPE I (40 LF)	/	LS
606 1301	31" W-REAM GUARDRAIL MID WAY SPLICE	275	1 <i>F</i>
606 1305	31" W-BEAM GUARDRAIL MID WAY SPLICE ELARED TERMINAL	3	E, FA
606,1305	31" W-REAM CUARDRAIL MID WAY SPLICE TANCENT TERMINAL		
606 17 27	BRIDGE TRANSITION TYPE IN	/ 	
606 353	DRIDGE TRANSITION THE TA	0	
606.353	REFLECIORIZED FLEXIBLE GUARDRAIL MARKER	0	
610.08	PLAIN RIPRAP	15	СҮ
	SEEDING METUOD NUMBER Z	7	////
6/8.141	SEEDING METHOD NUMBER 3	3	
619.12	MULCH	3	
619.14	EROSION CONTROL MIX	40	CY
627.733	4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	2600	LF
629.05	HAND LABOR, STRAIGHT TIME	20	HR
631.12	ALL PURPOSE EXCAVATOR (INC OPERATOR)	20	HR
631 . 172	TRUCK-LARGE (INC OPERATOR)	20	HR
674 0080		,	
634.2082	REMOVE EXISTING LIGHT STANDARD	/	EA
639.19	FIELD OFFICE, TYPE B	/	EA
652.312	TYPE III BARRICADES	6	EA
652.33	DRUM	40	EA
652.34	CONE	40	EA
652.35	CONSTRUCTION SIGNS	475	SF
652.36/	MAINTENANCE OF TRAFFIC CONTROL DEVICES		LS
652.38	FLAGGERS	240	
656.75	TEMP. SOIL EROSION AND WATER POLL. CONTROL	/	LS
659.10	MOBILIZATION	/	LS

GENERAL CONSTRUCTION NOTES

I. During construction, the road will be closed to traffic for a time period specified in the Special Provisions.

2. For easements, construction limits and right of way lines, refer to Right of Way Map.

3. The clearing limits as shown on the plans are approximate. The exact limits will be established in the field by the Resident. Payment for clearing will be considered incidental to Contract items.

4. All utility facilities shall be adjusted by the respective utilities unless otherwise noted.

5. Aggregate Subbase Course - Gravel included in the Estimated Quantities is intended to be used for side slope reconstruction as required prior to placement of Erosion Control Mix.

6. Place Erosion Control Mix 4 inches deep on all new or reconstructed sideslopes or as directed by the Resident. Seed over the top of the ECM, seeding method #3.

7. Guardrail posts as shown in Standard Detail 606(03) shall be modified from the indicated length of 7 feet to a length of 8 feet with an embedment of 5.5 feet. Payment will be considered incidental to the guardrail pay items.

8. Project information referred to below may be accessed at the following MaineDOT web address http://www.maine.gov/mdot/contractors/.

9. The existing bridge plans may be accessed at the MaineDOT web address. The plans are reproductions of the original drawings as prepared for the construction of the bridge. It is very unlikely that the plans will show any construction field changes or any alterations which may have been made to the bridge during its life span.

IO. The bridge deck evaluation report of the existing bridge may be accessed at the MaineDOT web address. The report contains visual inspection information and deck core data of the bridge. There is no assurance that the information or data is a true representation of the conditions of the entire deck.

II. Quantities included for pay items measured and paid for by Lump Sum are estimated quantities and are provided by MaineDOT for informational purposes only. Lump Sum pay items will be paid for at the Contract Bid amount, with no addition or reduction in payment to the Contractor if the actual final quantities are different from the MaineDOT provided estimated quantities, except as follows:

a. If a Lump Sum pay item is eliminated, the requirements of Standard Specifications Section 109.2, Elimination of Items, will take precedence.

b. If other Contract Documents specifically allow a change in payment for a Lump Sum pay item, those requirements will be followed.

c. If a design change results in changes to estimated quantities for Lump Sum pay items, price adjustments will be made in accordance with Standard Specifications Section 109.7, Equitable Adjustments to Compensation.

I2. Once the rehabilitation work is complete, the Contractor is responsible for removing and appropriate disposal of components not re-used in the completed work.

13. Repair areas indicated in plans are anticipated areas based on site inspection. Areas and locations are subject to change based on actual field conditions and the results of the concrete removal process, as determined by the Resident. Prior to the rehabilitation work the Resident and the Contractor shall go over and agree on all areas that will receive repair.

14. All dimensions, elevations and other information shown on the contract plans to define the structure are based upon the original construction drawings and are not guaranteed to represent as-built conditions. The contractor shall verify all conditions and dimensions as required for the completion of the work under the contract. The contractor shall be responsible for the accuracy and for the correct fit of all construction.

15. Protective Coating for Concrete Surfaces shall be applied to the following areas:

All exposed surfaces of concrete curbs Fascias down to the drip notch, All exposed surfaces of Concrete Transition Barriers,

16. Exsiting signs within the Project limits shall be removed and reset as directed by the Resident. Payment for removal and reinstallation of existing signs will be considered incidental to the Contract. No separate payment will be made.

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			CHECKED-REVIEWED JJH JJH FEB 202	5 SIGNATURE	DEPARTMENT OF TRANSPORTATION
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