



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

Paul R. LePage  
GOVERNOR

David Bernhardt  
COMMISSIONER

January 5, 2018  
Subject: Large Culvert Replacement  
State WIN: 018847.00  
Location: **Roxbury**  
**Amendment No. 1**

Dear Sir/Ms.:

Please make the following changes to the Bid Documents:

In the Bid Book:

**ADD** the attached Special Provisions - Temporary Traffic Signal - Item 643, 2 pages, dated November, 2017.

The following question has been received:

**Question:** Item No. 643.72 – Temporary Traffic Signal – Lump Sum, Any direction provided by the MaineDOT in regards to Item No. 643.72, a traffic control plan is usually provided with sight distances, drives, and timing considered.

**Response:** See attached Special Provisions - Temporary Traffic Signal - Item 643.

Consider these changes and information prior to submitting your bid on **January 10, 2018**.

Sincerely,

A handwritten signature in blue ink that reads "George M. A. Macdougall".

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



PRINTED ON RECYCLED PAPER

**Special Provisions  
 Temporary Traffic Signal  
 Item 643**

The Contractor shall install and maintain a temporary traffic signal for the project duration.

Signal heads at each end of the bridge work area, and facing the utility entrance shall be mounted on a temporary structure supplied by the Contractor and approved by the Resident. Two heads shall face traffic on each approach. Heads at the southeast end of the work area should be placed approximately at sta. 13+90. All signal heads shall have 12” R-Y-G circular LED indications with 5” backplates and yellow retroreflective tape along all borders.

Stop bar detection shall be provided on each approach. The Contractor shall determine the method of detection with the Resident’s approval.

The Contractor shall program the signal controller with the following phasing and timing (in seconds):

	□1	□2	□3*
Min Green	5	5	5
Extension	3	3	3
Max Green	20	20	10
Yellow Cl.	3	3	3
All Red	17	17	7
Recall	none	none	none

- 1 – Route 120 northeast
- 2 – Route 120 southwest
- 3 – utility entrance

\*□3 detectors shall always place a locking call on □1

643.18 Method of Measurement

As per *STATE OF MAINE, Department of Transportation, Standard Specifications, Revision of November 2014.*

643.19 Basis of Payment

As per *STATE OF MAINE, Department of Transportation, Standard Specifications, Revision of November 2014.*

Payment will be made under:

<i>Pay Item</i>	<i>Description</i>	<i>Pay Unit</i>
643.72	Temporary Traffic Signal at: Route 120 & Lathe Bridge	Lump Sum

Clearance time calculations were based on a vehicle speed of 20 mph for 475' along Route 120.