



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

Janet T. Mills
GOVERNOR

Bruce A. Van Note
COMMISSIONER

January 29, 2021
Subject: Traffic Signal Updates
State WIN: 024301.00
Location: **Statewide**
Amendment No. 4

Dear Sir/Ms.:

Please make the following changes to the Bid Documents:

In the Bid Book:

REMOVE page 90, 2020 Fair Minimum Wage Rates – Highway & Earth Statewide, and **REPLACE** with the attached 2021 Fair Minimum Wage Rates – Highway & Earth Statewide.

The following questions have been received:

Question: For item 626.11, STANDARD SPECS NOTE "Junction Boxes shall be as listed on MaineDOT's Qualified Products List of Traffic Signal and Lighting Materials". We cannot locate a list of these approved boxes on Mainedot's website. Please advise

Response: The preapproved list can be found at <https://www.maine.gov/mdot/research/products/#category2>. The Traffic Signal and Lighting Materials is at the bottom of the list. Additional information can be found in Standard Details titled "Electrical Junction Box for Traffic Signals, and Lighting" 626(06) and 626(07).

Question: How will the department proceed with acceptance of installations? Meaning will the department inspect/accept intersections as they are complete? And what is the event that kicks off any warranty timeframe?

Response: MaineDOT final acceptance will be upon full project completion and the warranty timeframe will begin after that.

Question: For any signals, PED heads, buttons, preempt to be reset, do we assume we are re-using existing hardware and cable?

Response: For items identified to be removed and reset the Contractor is to assume reuse of existing hardware and cable. There are provisions to address any existing hardware or cable to be found defective.

Question: Is the intent to re-use existing electrical services at each intersection?

Response: The intent is to re-use existing power sources at each intersection though in most cases there will be need for a new meter with disconnect.

Question: Plan sheet b says "spare 1 1/2 conduit is to be installed in each cabinet foundation to nearest service pole". How is this to be paid?

Response: Spare 1-1/2 inch conduit shall be incidental to the project.

Question: Please confirm all surveying, if required, will be the responsibility of MaineDOT

Response: All survey necessary to construct the project has already been obtained by MaineDOT and is included in the plans. The Contractor is responsible for survey required for layout required for construction, per the standard specifications.

Question: Will "final acceptance" occur upon successful completion of the "30 day acceptance testing" period at each intersection?

Response: Final acceptance will occur upon successful completion of the 30-day acceptance testing period and all items on any punch list having been addressed to the satisfaction of the Department.

Question: Please delineate which locations require temp soil erosion & water pollution control, and to what extent

Response: If the Contractor's construction operations require temporary soil erosion control, they will work with the project Resident to delineate such areas, and install accordingly.

Question: There is no item 643.21 for Augusta - route 27 & Darin Dr (sheet 3). is this correct?

Response: Sheet 3 Darin Drive is a recent installation with new vehicle detection.

Question: For locations where coordination is required with the local cable company (i.e. spectrum) to reset existing fiber optic cable into the new cabinet, who is responsible for the termination of the reset cable.....the cable co. or the contractor?

Response: The Contractor is responsible for fiber termination connections at the new cabinet.

Question: Will item 626.36 pay for any foundation to be removed (i.e. pedestal foundation, cabinet foundation, etc.)?

Response: 626.36 is intended to pay for large foundations to be removed.

Question: Locations on the drawings call for new conduit to be tied into the existing traffic signal conduit system via mast arm foundations. Please provide a detail of how the new conduit will break into/attach to existing conduits inside/at mast arm foundations

Response: It will be the responsibility of the Contractor to determine the optimal method to tie into the existing conduit system, which may vary from intersection to intersection depending on the existing condition as determined during the time that the scheduled work is to be performed.

Question: Drawing 36 says temp signal is incidental to item 643.71, but there is a separate pay item for this location under item 643.72. Which is correct?

Response: This was responded to in Amendment No. 3.

Question: How is the fiber work related to/between locations 49 and 50 to be paid?

Response: All fiber work is covered under 643.90.

Question: Locations on the drawings call for new conduit to be tied into the existing traffic signal conduit system via signal pedestal foundations. Please provide a detail of how the new conduit will break into/attach to existing conduits inside/at pedestal foundations

Response: It will be the responsibility of the Contractor to determine the optimal method to tie into the existing conduit system, which may vary from intersection to intersection depending on the existing condition as determined during the time that the scheduled work is to be performed.

Question: Most of the intersections do not call for new conduit crossing roadways. Just confirming it is the intent to re-use the existing conduits crossing roadways (unless it is drawn to install new).

Response: New conduit will be installed as shown in the design plans.

Question: Drawing sheet "V" shows the same legend (solid line) for both "cellular" and "proposed fiber" connections. Please clarify

Response: The solid lines in the legend are correct in the context of what the plan sheet is illustrating. For clarification, all project intersections will be provided with cellular connections through a Field Monitoring Unit (FMU). In Sanford (Sheet V), the cellular connection is intended to be a redundant/backhaul connection with primary communications to be supported by fiber optic connections using existing dark fibers in the City's fiber backbone or wireless radio connections as called out on Sheet V.

Question: Please confirm that all locations where new span/tether wire is not called for that it is the intention to re-use the existing span/tether wire

Response: This was responded to in the previous Amendments.

Question: Is conduit to be installed for location 60 from fiber riser pole to cabinet? If not, how is fiber to be installed from fiber riser pole to cabinet?

Response: Conduit is to be installed from fiber pole riser to the proposed cabinet, covered in the quantity of conduit summarized in the List of Work Items on Sheet 60A. See also Sheets Y and Z.

Question: For any foundations to be removed, is removed to 12" below grade acceptable?

Response: Foundations at those locations to have proposed mast arm poles placed in existing mast arm pole locations in kind will require the removal of the entire existing mast arm pole foundation. For foundations that will be abandoned in place, removal to 12" below grade is acceptable.

Question: In locations where cabinet foundations are to be removed and a new foundation installed in a nearby location (i.e. location 80), will a junction box be installed/paid for at or near the old foundation location?

Response: It is anticipated that the Contractor will tie into the existing conduit system entering an existing cabinet foundation to be removed with conduit extended to the new control cabinet location in lieu of the installation of junction boxes, though the Department is open to discussions with the Contractor awarded the project if use of junction boxes reduces project costs.

Question: Can the DBE goal % be revised? A large portion of this bid is material and the goal is difficult to meet

Response: There is no DBE goal for this project.

Question: There is a large disparity in the cost of local police details in different locations across the project. Specifically, in Augusta, the police detail rates are significantly higher than other towns. Can a separate bid item be added for Traffic Officers in Augusta?

Response: No separate bid item will be added.

Consider these changes and information prior to submitting your bid on **February 3, 2021**.

Sincerely,



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

State of Maine
 Department of Labor
 Bureau of Labor Standards
 Augusta, Maine 04333-0045
 Telephone (207) 623-7906

Wage Determination - In accordance with 26 MRS §1301 et. seq., this is a determination by the Bureau of Labor Standards, of the fair minimum wage rate to be paid to laborers and workers employed on the below titled project.

**2021 Fair Minimum Wage Rates
 Highway & Earth Statewide**

<u>Occupation Title</u>	<u>Minimum Wage</u>	<u>Minimum Benefit</u>	<u>Total</u>	<u>Occupation Title</u>	<u>Minimum Wage</u>	<u>Minimum Benefit</u>	<u>Total</u>
Asphalt Raker	\$ 18.46	\$ 1.74	\$ 20.20	Ironworker - Reinforcing	\$ 28.00	\$ 6.74	\$ 34.74
Backhoe Loader Operator	\$ 29.17	\$ 7.69	\$ 36.86	Laborer - Skilled	\$ 18.50	\$ 1.63	\$ 20.13
Boom Truck (Truck Crane) Operator	\$ 26.00	\$ 5.20	\$ 31.20	Laborers (Helpers & Tenders)	\$ 17.00	\$ 0.69	\$ 17.69
Bulldozer Operator	\$ 21.75	\$ 3.45	\$ 25.20	Loader Operator - Front-End	\$ 20.00	\$ 3.03	\$ 23.03
Carpenter - Rough	\$ 30.76	\$ 19.62	\$ 50.38	Mechanic- Maintenance	\$ 23.91	\$ 3.66	\$ 27.57
Cement Mason/Finisher	\$ 20.75	\$ 1.27	\$ 22.02	Millwright	\$ 25.75	\$ 5.41	\$ 31.16
Communication Equip Installer	\$ 22.00	\$ 0.00	\$ 22.00	Painter	\$ 20.80	\$ 0.32	\$ 21.12
Crane Operator =>15 Tons)	\$ 29.12	\$ 6.68	\$ 35.80	Paver Operator	\$ 23.91	\$ 4.25	\$ 28.16
Crusher Plant Operator	\$ 20.00	\$ 2.90	\$ 22.90	Pipelayer	\$ 24.75	\$ 3.50	\$ 28.25
Electrician - Licensed	\$ 31.98	\$ 9.95	\$ 41.93	Reclaimer Operator	\$ 26.83	\$ 13.25	\$ 40.08
Electrician Helper/Cable Puller	\$ 18.50	\$ 2.38	\$ 20.88	Roller Operator - Earth	\$ 20.00	\$ 2.93	\$ 22.93
Excavator Operator	\$ 23.00	\$ 3.48	\$ 26.48	Roller Operator - Pavement	\$ 22.35	\$ 4.52	\$ 26.87
Fence Setter	\$ 19.00	\$ 2.00	\$ 21.00	Screed/Wheelman	\$ 20.00	\$ 3.01	\$ 23.01
Flagger	\$ 15.00	\$ 0.00	\$ 15.00	Stone Mason	\$ 25.00	\$ 1.88	\$ 26.88
Grader/Scraper Operator	\$ 25.00	\$ 6.64	\$ 31.64	Truck Driver - Heavy	\$ 18.04	\$ 1.47	\$ 19.51
Highway Worker/Guardrail Installer	\$ 24.00	\$ 1.09	\$ 25.09	Truck Driver - Light	\$ 18.08	\$ 0.00	\$ 18.08
Hot Top Plant Operator	\$ 23.91	\$ 7.34	\$ 31.25	Truck Driver - Medium	\$ 20.65	\$ 1.58	\$ 22.23
Industrial Truck (Forklift) Operator	\$ 26.51	\$ 3.43	\$ 29.94	Truck Driver - Tractor Trailer	\$ 19.00	\$ 0.72	\$ 19.72

The Laborer classifications include a wide range of work duties. Therefore, if any specific occupation to be employed on this project is not listed in this determination, call the Bureau of Labor Standards at the above number for further clarification.

Welders are classified in the trade to which the welding is incidental.

Apprentices – The minimum wage rate for registered apprentices are those set forth in the standards and policies of the Maine State Apprenticeship and Training Council for approved apprenticeship programs.

Title 26 §1310 requires that a clearly legible statement of all fair minimum wage and benefits rates to be paid the several classes of laborers, workers and mechanics employed on the construction on the public work must be kept posted in a prominent and easily accessible place at the site by each contractor and subcontractor subject to sections 1304 to 1313.

Appeal – Any person affected by the determination of these rates may appeal to the Commissioner of Labor by filing a written notice with the Commissioner stating the specific grounds of the objection within ten (10) days from the filing of these rates.

A true copy

Attest: Scott R. Cotnoir
 Scott R. Cotnoir
 Wage & Hour Director
 Bureau of Labor Standards

Expiration Date: 12-31-2021