



Maura Healey, Governor  
Kimberley Driscoll, Lieutenant Governor  
Phillip Eng, Interim MassDOT Secretary  
Jonathan L. Gulliver, Undersecretary and Highway Administrator



April 24, 2026

610647-133932

ADDENDUM NO. 2

To Prospective Bidders and Others on:

**WAREHAM**  
**FAP No. STP-0035(068)X**  
**Corridor Improvements on Route 6 at Swifts Beach Road**

THIS PROPOSAL TO BE OPENED AND READ:                      TUESDAY, MAY 5, 2026 at 2:00 P.M.

Transmitting revisions to the Contract Documents as follows:

<u>QUESTION AND RESPONSE:</u>	One page.
<u>DOCUMENT 00010:</u>	Revised page 1.
<u>DOCUMENT 00104:</u>	Revised page 3.
<u>DOCUMENT 00710:</u>	Deleted document in its entirety and inserted new document (2 pages).
<u>DOCUMENT 00715:</u>	Inserted new document (4 pages).
<u>DOCUMENT A00801:</u>	Revised pages 1, 90, 91, 92, and 95.

Take note of the above, substitute the revised pages for the originals, delete the document indicated, insert the new documents in proper order, and acknowledge Addendum No. 2 in your Expedite Proposal file before submitting your bid.

Very truly yours,

Eric M. Cardone, P.E.  
Construction Contracts Engineer

CS  
cc: Kathy Dougherty, Project Manager

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**WAREHAM**  
**FAP No. STP-0035(068)X**  
**Corridor Improvements on Route 6 at Swifts Beach Road**  
(610647-133932)

Question and Response

Addendum No. 2, April 24, 2026

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**Ocean State Signal Co., email dated April 21, 2026**

**Question 2**

Please confirm what style cabinet assembly is required for Items 815.1 & 816.02?

NEMA TS2 ? – as stated on spec pages 90, 91, 92, 95

ATC P4 ? – as stated on plan sheet 66 & 68 major items list

ATC P1 ? – as stated on spec page 91

These plans and specifications contradict each other.

**Response 2**

See the revised special provisions – page A00801 – 90, 91, 92, and 95 attached.

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② Addendum No. 2, April 24, 2026

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- ② Addendum No. 2, April 24, 2026
- ① Addendum No. 1, April 21, 2026

**NOTICE TO CONTRACTORS** (Continued)

**PRICE ADJUSTMENTS**

- ②① This Contract contains price adjustments for hot mix asphalt and Portland cement mixtures, diesel fuel, and gasoline. For reference the base prices are as follows: liquid asphalt \$670.00 per ton, Portland cement \$452.13 per ton, diesel fuel \$4.452 per gallon, and gasoline \$2.955 per gallon, and Steel Base Price Index 354.8. MassDOT posts the **Price Adjustments** on their Highway Division's website at <https://www.mass.gov/massdot-contract-price-adjustments>

This Contract contains Price Adjustments for steel. See Document 00813 - PRICE ADJUSTMENT FOR STRUCTURAL STEEL AND REINFORCING STEEL for their application and base prices.

MassDOT projects are subject to the rules and regulations of the Architectural Access Board (521 CMR 1.00 et seq.)

Prospective bidders and interested parties can access this information and more via the internet at [WWW.COMMBUYS.COM](http://WWW.COMMBUYS.COM).

BY: Phillip Eng, Interim MassDOT Secretary  
Jonathan L. Gulliver, Undersecretary and Highway Administrator  
SATURDAY, MARCH 28, 2026

DOCUMENT 00710  
GENERAL CONTRACT PROVISIONS  
Revised: 03-31-26

NOTICE OF AVAILABILITY

The STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES dated 2026, the SUPPLEMENTAL SPECIFICATIONS, the 1990 STANDARD DRAWINGS FOR SIGNS AND SUPPORTS; the 1968 STANDARD DRAWINGS FOR TRAFFIC SIGNALS AND HIGHWAY LIGHTING and the CONSTRUCTION STANDARD DETAILS are available online at <https://www.mass.gov/massdot-highway-division-manuals-and-publications>

SPECIAL PROVISIONS FOR RIGHT-TO-KNOW ACT REQUIREMENTS

The Contractor's attention is directed to Massachusetts General Laws, Chapter 111F, commonly known as the Right-To-Know Act, and to the regulations promulgated pursuant thereto. Among the provisions of the Right-To-Know Act is a requirement that employers make available to employees Materials Safety Data Sheets (MSDS) for any substance on the Massachusetts Substance List (MSL) to which employees are, have been, or may be exposed.

To ensure prompt compliance with these regulations and legislation, the Contractor shall:

1. Deliver to the Department, prior to the start of any work under this contract, copies of MSDS for all MSL substances to be used, stored, processed or manufactured at the worksite by the Contractor.
2. Train employees of the Department, who may be exposed to MSL substances as a result of the Contractor's work under this contract, with regard to those specific substances in accordance with requirements of the Right-To-Know Act.
3. Observe all safety precautions recommended on the MSDS for any MSL substance to be used, stored, processed, or manufactured at the worksite by the Contractor.
4. Inform the Department in writing regarding specific protective equipment recommended in the MSDS for MSL substances to which employees of the Department may be exposed as a result of the Contractor's work under this contract.

The Department shall not be liable for any delay or suspension of work caused by the refusal of its employees to perform any work due to the Contractor's failure to comply with the Right-To-Know Act. The Contractor agrees to hold the Department or the Commissioner of the Department harmless and fully indemnified for any and all claims, demands, fines, actions, complaints, and causes of action resulting from or arising out of the Contractor's failure to comply with the requirements of the Right-To-Know Act.

ALTERNATIVE DISPUTE RESOLUTION

Forum, Choice of Law and Mediations:

Any actions arising out of a contract shall be governed by the laws of Massachusetts and shall be brought and maintained in a State or federal court in Massachusetts which shall have exclusive jurisdiction thereof. MassDOT and the Contractor may both agree to mediation of any claim and will share the costs of such mediation pro rata based on the number of parties involved.

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DOCUMENT 00715



## SUPPLEMENTAL SPECIFICATIONS

MARCH 31, 2026

The 2026 *Standard Specifications for Highways and Bridges* are amended by the following modifications, additions and deletions. These Supplemental Specifications prevail over those published in the Standard Specifications.

The Specifications Committee has issued these Supplemental Specifications for inclusion into each proposal until such time as they are updated or incorporated into the next Standard Specifications.

Contractors are cautioned that these Supplemental Specifications are dated and will change as they are updated.

### DIVISION I

#### GENERAL REQUIREMENTS AND COVENANTS

##### SECTION 5.00: CONTROL OF WORK

Subsection 5.03: Conformity with Plans and Specifications

*Change the MGL reference in the first sentence to Chapter 30, Section 39I (from Section 39L).*

### DIVISION II

#### CONSTRUCTION DETAILS

##### SECTION 600: HIGHWAY GUARD, FENCES AND WALLS

###### SUBSECTION 628: IMPACT ATTENUATORS

Subsection 628.82: General

*Replace this subsection with the following:*

Item number	Description	Unit
628.302	Permanent Impact Attenuator, Non-Redirective, TL-2	Each
628.303	Permanent Impact Attenuator, Non-Redirective, TL-3	Each
628.304	Temporary Impact Attenuator, Non-Redirective, TL-2	Each
628.305	Temporary Impact Attenuator, Non-Redirective, TL-3	Each
628.312	Permanent Impact Attenuator, Redirective, TL-2	Each
628.313	Permanent Impact Attenuator, Redirective, TL-3	Each
628.314	Temporary Impact Attenuator, Redirective, TL-2	Each
628.315	Temporary Impact Attenuator, Redirective, TL-3	Each
628.322	Permanent Impact Attenuator, Low-Maintenance, TL-2	Each
628.323	Permanent Impact Attenuator, Low-Maintenance, TL-3	Each

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## SECTION 800: TRAFFIC CONTROL DEVICES

### SUBSECTION 813: WIRING, GROUNDING AND SERVICE CONNECTIONS

#### Subsection 813.20: Payment Items

*Replace this subsection with the following:*

This work shall consist of furnishing and installing wire and cable of the type and size indicated for traffic signals and other traffic control devices, ITS systems, highway lighting and related electrical systems, equipment grounding systems, new ground electrodes or connections to existing ground electrodes, power pedestals, and all materials and equipment necessary to deliver power to such systems.

Service points shown on the plans are approximate only. The Contractor shall determine exact locations for both overhead and underground service access points. The Contractor shall determine riser elevations or connections/routing to manhole facilities from the serving utility, and arrange to complete the service connections.

All work under this Subsection shall comply with the MEC and the National Electrical Safety Code.

#### Subsection 813.41: Grounding and Bonding Conductions

*Replace this subsection with the following:*

Grounding and bonding conductors shall conform to M8.16.10: Type 10 Grounding and Bonding Conductors (Solid or Stranded, Insulated or Bare).

#### Subsection 813.42: Ground Rods

*Replace this subsection with the following:*

Ground rods shall consist of driven rod(s) conforming to M8.17.0: Ground Rod or other devices approved for the purpose.

#### Subsection 813.44: Power Pedestal

*Add this subsection in numerical order:*

A Power Pedestals shall consist of a side-of-post mounted lockable load center enclosure, a load center with circuit breakers, an exterior-mounted electrical meter, signal post and base, equipment bonding, ground rod(s) conforming to 813.42: Ground Rods, and a cement concrete foundation. The enclosure, lock, circuit breakers, signal post and base, and foundation shall all be included in the Shop Drawing submission.

The enclosure shall be rated to meet or exceed NEMA 3R and be suitable for post-mounting and shall be sized appropriately to house the load center. The enclosure shall be capable of being secured with an integrated locking mechanism or by a Contractor-supplied padlock; regardless of locking mechanism, it shall be operated with a #2 key.

The circuit breakers shall be designed for single-phase, 3-wire, 120/240 VAC. Circuit breakers shall provide a means to manually operate a circuit and/or automatically open a circuit that is in overload or short circuit conditions. All circuit breakers shall be UL listed and have CSA certification.

The enclosure shall be furnished with a meter socket installed. The meter socket shall be approved by the servicing electrical utility.

The signal post and base shall conform to M10.05.1: Signal Posts and Bases and the Plans. The Contractor shall supply a square aluminum base with a natural or anodized finish and a Schedule 80 aluminum post with a brushed or spun finish, unless otherwise indicated in the Plans.

The Contractor shall supply mounting equipment recommended by the enclosure manufacturer to side-mount the cabinet to the post.

Bonding for the Power Pedestal shall utilize a #8 AWG or larger ASTM-B3 wire.

The cement concrete foundation shall conform to the Plans and M4.02.0: Concrete Produced by Stationary and Truck Mixers, M4.03.0: Concrete Produced by Volumetric Mixers, M4.06.1: Conventional Concrete, M4.09.0:

Precast, Prestressed, and Prefabricated Concrete Products, M4.11.0: Evaporation Reducing Materials, and M4.12.0: Curing Materials, as applicable.

**Subsection 813.64: Power Pedestal**

*Add this subsection in numerical order:*

No work shall commence until Shop Drawings have been approved.

The Power Pedestal Cabinet shall be mounted side-of-post to the Signal Post, per the manufacturer's recommendations. The Power Pedestal Cabinet should be installed directly below the meter socket, per the Plans. If dissimilar metals are present, they shall be electrically insulated to prevent galvanic corrosion.

The Contractor shall supply the appropriate type (single pole or double pole) and number of circuit breakers included within the Power Pedestal Cabinet to provide the recommended AC power to each device receiving power from the Cabinet. The circuit breakers shall be clearly labeled as to which device they are powering (e.g. RRFB-1, RRFB-2, Warning Beacon, Speed Feedback Sign, etc.).

The Power Pedestal shall be grounded and bonded per 813.61: Equipment Grounding and Bonding and 813.62: Grounding Electrodes.

**Subsection 813.80.E: Power Pedestal**

*Add this subsection in numerical order:*

Power Pedestals will be measured on the basis of the number of Power Pedestals each furnished and installed.

**Subsection 813.81.E: Power Pedestal**

*Add this subsection in numerical order:*

Power Pedestals will be paid for at the contract unit price for each installed in place. This includes all labor and materials required for a working system.

All costs associated with grounding and bonding of Power Pedestals shall be considered incidental to the item.

All costs associated with providing service connections to Power Pedestals shall be paid for under their respective pay items.

**Subsection 813.82: Payment Items**

*Change the unit of measure for items 813.80 and 813.81 to Each and add the following pay item:*

813.90	Power Pedestal	Each
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## DIVISION III

### MATERIALS SPECIFICATIONS

#### SECTION M10: TRAFFIC CONTROL DEVICES

**Subsection M10.03.1: Field Monitoring Unit**

*Add this new subsection:*

All Field Monitoring Units (FMU) shall be compatible with the MassDOT Critical Operations Multi-jurisdictional Modular System (MCOMMS), cloud-based management system.

FMUs shall be capable of operating independently from the brand of traffic signal controller, vehicle and pedestrian detection systems, battery backup system (BBS), and any other Ethernet-based, web accessible device present in the traffic signal controller cabinet.

**M10.03.1.A: Hardware**

The FMU shall communicate via an Ethernet port with an RJ45 connector and have an integrated Ethernet switch with a minimum of four ports.



② Addendum No. 2, April 24, 2026

DOCUMENT A00801

**SPECIAL PROVISIONS****WAREHAM****Federal Aid Project No. FAP No. STP-0035(068)X  
Corridor Improvements on Route 6 at Swifts Beach Road**

Labor participation goals for this project shall be 15.3% for minorities and 6.9% for women for each job category. The goals apply to both contractor's and subcontractor's on-site construction workforce. Refer to document 00820 for details.

**SCOPE OF WORK**

The work done under this contract consists of furnishing all necessary labor, materials, equipment, and services to construct roadway improvements on Marion Road (Route 6). The project begins approximately 300' north of the intersection with Cromesett Road at Sta. 3+00 and ends approximately 125' north of the intersection with Viking Drive at Sta. 45+00. The length of the project is 0.795 mile. The proposed roadway section will reduce the number of lanes from four to two. A 10' shared use path will be constructed on the south side of the project. Work includes traffic signal improvements at the intersections of: Marion Rd at Swifts Beach Rd and Marion Rd at Wareham Plaza. The work also includes, but is not limited to, installation of signs and supports, full depth pavement construction, pavement milling and resurfacing, granite curbing, hot mix asphalt and cement concrete sidewalk. Also included are utility pole relocations (by others). The work also includes drainage system construction, landscaping, pedestrian curb ramps, pavement markings and all incidental costs required to complete the work shown on the plans and described herein.

- ② All work under this Contract shall be done in conformance with the *2026 Standard Specifications for Highways and Bridges*, the *Supplemental Specifications* contained in this book, the *Construction Standard Details* in effect as of January 2026, the *1990 Standard Drawings for Signs and Supports*, the *2015 Overhead Signal Structure and Foundation Standard Drawings*, the *11<sup>th</sup> Edition of the Manual on Uniform Traffic Control Devices (MUTCD)* and the *January 2026 Massachusetts Amendments to the MUTCD*, the *1968 Standard Drawings for Traffic Signals and Highway Lighting*, the latest edition of *The American Standard for Nursery Stock*, the Plans and these Special Provisions.

② Addendum No. 2, April 24, 2026

**ITEMS 815.1 and 816.02** (Continued)

**FLASHING OPERATION**

Changes from automatic flashing to stop-and-go operation and from stop-and-go to automatic flashing operation shall occur as set forth in Section 4G of the latest MUTCD.

**SIGNAL CABLE & WIRING**

All signal cable connections in the bases of signal poles, posts, and cabinet shall be made by means of appropriate terminal blocks. These blocks shall be completely furnished and installed on terminal block mounting strips in bases. All cables & wires shall comply with Subsection 813.

**TRAFFIC SIGNAL EQUIPMENT; TERMINAL & FACILITIES**

- ② The traffic signal cabinet monitor unit (CMU), Auxiliary Display Unit (ADU), Serial Interface units (SIUs), Universal Switch Pack/Flasher, cabinet power supply, High-Density Flash Transfer Relay Unit (HDFTR) and all other ancillary traffic signal control devices shall comply with Advanced Transportation Controller Cabinet (ATCC) 5301 v02 standard as indicated in the Section M10:Traffic Control Devices of 2024 MassDOT Standard Specifications for Highways and Bridges.

**CONTROLLER UNIT AND CABINET**

- ② The traffic controller unit shall be supplied in a NEMA ATC configuration as required in the list of major traffic signal items included on the plans and should meet the requirements listed in the Section M10:Traffic Control Devices of 2024 MassDOT Standard Specifications for Highways and Bridges.

②

The controllers shall have ATC functionality and shall log system computations ensuring coordination. Controller unit shall be capable of operating as a volume density controller and shall be capable of functioning in every respect as an integrated part of a closed loop traffic control system with internal communication capability and direct access to the data memory.

Controller unit shall have internal Time Base Coordination (TBC) logic.

Controller unit shall use a standard RS232 port provided in or with the local controller to allow for local printing of reports.

Controller unit shall have internal preemption with the capability of size unique preemption sequences. Each preempt sequence shall be fully user programmable for timing and signal display in response to an individual preempt command input.

② Addendum No. 2, April 24, 2026

**ITEMS 815.1 and 816.02** (Continued)

Controller unit shall be provided with all necessary hardware, including cables and internal system modem to operate a closed loop system.

②

② The cabinet size shall be a standard NEMA-style P4 (Standard). The cabinet shall include a police door, fan, thermostat, and pullout laptop shelf. In addition, the cabinet shall be sized to include a master controller (for future use), as shown on the Contract documents.

Cabinets shall be made of aluminum and outside painted Aluminum. The cabinets shall also be wired with a normally closed switch connected to a user defined input to the controller for remote monitoring of the control cabinets' door open status. Where applicable, the cabinets shall be installed with the door opening positioned in order to allow general observation of the flow of traffic and the inside of the cabinets at the same time. Controller cabinet foundations shall not obstruct a sidewalk or crosswalk so that passage by physically-challenged persons is impaired. The foundation, if installed in a grassed area, shall include a cement concrete workman's pad and walkway made the same width as the cabinet foundation, extending to a length of 30"-36" away from the foundation, and is a thickness of 4" placed on an 8" compacted gravel base.

The cabinet shall be installed with the door of the cabinet positioned on the side opposite the sidewalk, whenever feasible or as shown on the plan sheets, such that a signal technician standing in front of the open door will see the signalized intersection and not obstruct the sidewalk. The Contractor shall include a 25' RS-232 cable in each cabinet to support communications between the controller unit and a laptop computer.

**CABINET POWER SUPPLY**

② A separate power supply shall be supplied and installed in each of the Traffic signal cabinets. The power supply shall be either shelf mounted or installed as part of the detector rack assembly.

**TESTING OF GROUND SYSTEM**

The Contractor shall perform testing of the equipment grounding system in the presence of the Engineer in accordance with the Standard Specifications.

② Addendum No. 2, April 24, 2026

**ITEMS 815.1 and 816.02** (Continued)

②

**VIDEO DETECTION SYSTEM**

② The Contractor shall provide a Video Detection System to detect vehicles and bicyclists. The system shall also provide full motion video output showing zones highlighted during detection for fine-tuning. All hardware and software within the traffic signal cabinet shall be NEMA ATC compliant.

At the location shown on the plans, the Contractor shall supply and install a Video Detection System. The Video Detection System shall utilize a 360-degree camera with the ability to view and detect vehicles and bicycles on every approach within the detection zones shown on the plans, as well as cameras with radar sensors. The major components of the Video Detection System are further described as follows:

- A. Prior to installation of the Video Detection System a detailed site survey shall be conducted by a factory trained and certified representative. The site survey shall ensure the design of the camera, camera location, camera optics, and video/data interconnect is appropriate for the application.
- B. The supplier of the Video Detection System shall supervise the installation and testing of the Video Detection System and computer software. A factory certified representative from the supplier shall be on site during installation.

② Addendum No. 2, April 24, 2026

**ITEMS 815.1 and 816.02** (Continued)

**RADAR SENSOR**

The radar sensor shall operate in the 24 GHz frequency band and shall operate 1 of 7 available enumerated channels that is user selectable.

The radar detection range shall be over 500 feet minimum, +/-5%.

The radar sensor shall be able to track up the 64 independent objects simultaneously.

Object speed detection shall be within a range of 0 to 150 miles per hours +/- 1.0 miles per hour.

The radar sensor shall be able to detect vehicles in 1 to 6 traffic lanes.

The radar sensor shall be housed in a weather-tight sealed enclosure conforming to IP-67 specifications. The housing shall allow the radar to be adjusted to allow proper alignment between the sensor and the traveled road surface.

When mounted outdoors in the enclosure, the radar shall operate in a temperature range from -34 to 74 degrees Celsius and a humidity range from 0% RH to 100% RH.

The radar sensor shall communicate with the sensor data combiner.

②