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

MassDOT
Massachusetts Department of Transportation
Highway Division

October 22, 2026

609204- 136695

ADDENDUM NO. 2

To Prospective Bidders' and Others on:

BELMONT
Federal Aid Project No. STP/CMQ/TAP-0034(035)X
Community Path, Belmont Component of the MCRT (Phase I)

THIS PROPOSAL TO BE OPENED AND READ: TUESDAY, NOVEMBER 10, 2026 at 2:00 P.M.

Transmitting revisions to the Contract Documents as follows:

QUESTIONS AND RESPONSES:	12 pages.
DOCUMENT A00801:	Revised page 7. Inserted new pages 97.1 and 97.2.
DOCUMENT B00420:	Revised pages 9 through 25.
PLANS:	Revised sheet 127 of 221.

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

Very truly yours,

Eric M. Cardone Digitally signed by Eric M. Cardone
Date: 2026.10.22 08:04:34 -04'00'

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

SP
cc: Thomas Currier, Project Manager

Ten Park Plaza, Suite 4160, Boston, MA 02116
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J.F. White Contracting Company, Inc., October 8, 2026

Question 1) On plan Sheet 127 we have the following questions with regard to the proposed 6'x13' Electrical Manhole behind Wall 9 @ approximately Station 934+00:

A.) Top of EMH is at elevation 14.34 while existing ground is at approximately elevation 28. What type of precast riser is required for the 13.66 ' above the electrical manhole?

B.) Will this riser require a ladder inside it?

C.) The proposed 6-5" duct bank that comes out of the electric manhole and runs northwest to the proposed electrical manhole in Channing Road passes through the Wall 9 shear key. Are any special details required for this or will a block out in the shear key be adequate for the duct bank to pass through?

Response 1)

A.) EMH to be moved to STA 934+50 RT and to be installed at finished grade (without a special precast riser) as a Belmont Light standard EMH. See revised page B00420 – 19 and plan sheet 127 of 221.

B.) N/A per response to A. The EMH per detail on Page 121 shall be utilized.

C.) The proposed duct bank running northwest passes beneath the footings of the Northeast Wingwall and Wall 9 and avoids the shear key of Wall 9.

Question 2) Plan Sheet 150 of 221 – Longitudinal Section (Looking North) shows the 12" RCP drain pipe cased at Elev. 11.31and states it is a highway item and to see the Utility plans. Plan Sheet 76 of 221 shows this pipe to be 12" PVC between DMH 7 & DMH 8 without a casing.

We have the following questions :

A.) Is the pipe between DMH 7 & DMH 8 -12" RCP or 12" PVC?

B.) If 12" PVC what type?

C.) Is the Pipe required to be cased?

D.) If the answer to question C is yes please provide the casing details.

E.) Will the contractor be compensated separately for the casing or is it incidental to the cost of the pipe?

Response 2)

A.) Per Sheet 76, pipe between DMH-7 & DMH-8 is to be 12-inch PVC.

B.) PVC pipe is to be per MassDOT Standard Item 252.12 – 12 Inch Corrugated Plastic Pipe.

See inserted new page A00801-97.1 and revised page B00420 - 9

C.) Yes, per the MassDOT Utility Accommodation Policy (UAP) Chapter 9 Item 7(b) the drain pipe adjacent to the proposed culvert structure must be cased.

D.) Seerespomse B..

E.) See response B.

J.F. White Contracting Company, Inc., October 14, 2026

Question 6) Bid Item 804.1 -1" Electrical Conduit Type NM -Plastic (UL) has a bid quantity of 9500 FT. We have reviewed drawings 74-79 and 94-96 of 221 and found a quantity that is approximately 7 % of the bid quantity. Please advise as to the correct quantity.

Response 6) See revised page B00420 – 19.

Question 7) Bid Item 804.2 -2" Electrical Conduit Type NM -Plastic (UL) has a bid quantity of 650 FT. We have reviewed drawings 74-79 and 94-96 of 221 and found a quantity that is approximately 3.5 % of the bid quantity. Please advise as to the correct quantity.

Response 7) See revised page B00420 – 19.

J.F. White Contracting Company, Inc., October 15, 2026

Question 13) In review of Special Provision page A00801-5 we request information as to when the following project support costs would apply and if the contractor is required to carry them in his bid.
Structural Engineering Third Party Review: $ 150,000 per day
MBTA Support Costs (Force Account): $400,000-$500,000 per day.

Response 13) These costs are to be carried by MassDOT as Non-bid Items. MassDOT will be carrying these costs and they shall not be carried in bidders bid sheet.

Question 14) After the Project Support Costs the next paragraph states: " the contractor is required to submit their schedule for the project , including an hour by hour fragnet schedule for the underpass outlining the pre and post outage tasks . Please confirm that this is a post bid submission.

Response 14) The schedule is to be submitted after NTP is issued.

Question 15) Item 995.07 Removal and Replacement of Railroad
We have reviewed the specification and have the following questions:

A.) The first paragraph in the Construction Methods Section states :'the MBTA and Keolis is responsible for the work related to cutting rails , installing joint bars ,removing and storing rails, delivering new ballast stone ,placing and testing ballast ,installing timber ties ,replacing and testing rails. What are the durations of these operations so the contractor can determine and adequately price the cost and analyze the schedule for the seven day track outage.

B.) With the MBTA and Keolis performing the work listed in Item A we request clarification as to what work the contractor is to carry in this bid item as all the remaining work for the seven day track outage is covered in other bid items.

Response 15)

A.) Based on our design fragnet schedule, and coordination with the MBTA/Keolis, we estimated 6 hours for the removal, and 10 hours for the installation of the rail. Note that this was based on discussions during design, and the Contractor is responsible for confirming durations upon development of their schedule, as it may vary based on their proposed means and methods.

B.) Refer to Special Provision Item 995.07, Construction Methods paragraphs 2 and 3 stating the work to be done by the Contractor.

Question 16) Item 945.1 Drilled Micropiles has a bid quantity of 1190 feet. We have reviewed the plans and find these at Wall No. 1 (sheet 119of 221) . We have calculated the drilling quantity utilizing the chart with the minimum tip elevations shown o the drawing and find a quantity which is approximately 52% of the bid quantity.

Response 16) See revised page B00420 - 24.
Quantity for Item 945.1 – Drilled Micropiles revised to be 610 feet. The original estimate assumed deep bedrock for each pile, however, piles are to be 14-feet min embedment, or rock, whichever occurs first, per the plans.

A.A. Will Corporation, October 16, 2026

Question 17) On page 13 of GZA's August 7, 2026, report, under Construction Dewatering, GZA anticipates that sump pumping will be sufficient to control groundwater during construction. The report also calls for groundwater control sufficiently in advance of excavation to avoid seepage-related instability. Will the Contractor be permitted access to the MBTA right-of-way to install and operate a dewatering system before the proposed railroad outage? Please identify any access restrictions and required approvals.

Response 17) This will be answered in a future addendum.

Question 18) What criteria will be used to accept the exposed culvert subgrade before placement of the specified crushed-stone bedding, and who will make the acceptance determination?

Response 18) This will be answered in a future addendum.

Question 19) We understand that TB-2 is the only boring within the proposed culvert footprint beneath the railroad tracks. Based on the subsurface information and geotechnical recommendations in the Contract Documents, we assume the existing subgrade will be suitable to support the culvert after completion of the specified subgrade preparation, overexcavation, crushed-stone foundation layer, and geotextile. We have not included additional undercutting, stabilization, or other ground improvement beyond what is shown or specified. Is this assumption correct?

Response 19) This will be answered in a future addendum.

Question 20) Please provide available groundwater chemical testing results and identify the permitted discharge locations, treatment requirements, discharge limits, and approvals required for construction dewatering.

Response 20) This will be answered in a future addendum.

Question 21) Has environmental soil characterization been performed for material to be excavated from the culvert installation?

Response 21) This will be answered in a future addendum.

Question 22) Does MassDOT have a designated or approved location for temporary stockpiling of excavated material? For disposal characterization, specifically for the culvert crossing has MassDOT made provisions with the MBTA that would allow an in-situ testing program which would have to proceed from the MBTA ROW.

Response 22) This will be answered in a future addendum.

Question 23) Please identify the hours within the 168-hour railroad outage required by MBTA/Keolis for track removal at the beginning of the outage and for track replacement, tamping, inspections, signal/PTC testing, and return-to-service activities at the end of the outage. How much of the outage will remain available for the Contractor's culvert excavation and installation work?

Response 23) This will be answered in a future addendum.

Question 24) Please clarify the Contractor's temporary and permanent work associated with the existing MBTA PTC, signal, and communication ductbanks at the underpass. The Contract indicates that the PTC ductbank will be modified or raised before the multi-day outage and protected or supported during the outage. Please confirm who is responsible for these modifications and for PTC cable splicing, cutover, testing, and commissioning, and whether the Contractor's outage scope is limited to supporting the ductbanks over the excavation.

Response 24) This will be answered in a future addendum.

Question 25) The Bid Documents, including A00813-40, state that equipment movement or construction within 30 feet of the nearest live track requires MBTA authorization, Keolis flag protection, and an MBTA Field Staff representative. For bidding, we assume these resources and authorizations will be available as required when needed without delaying planned operations. If the Contractor experiences delayed or denied access to the work due to the unavailability of Keolis Flag protection and/or MBTA personnel will be reimbursed by MassDOT. Please clarify.

Response 25) This will be answered in a future addendum.

Question 26) The Special Provisions under A00801, Work Schedule – Belmont Middle & High School, state that work impacting school parking, traffic operations, and overall school operations shall be limited to times when school or major events are not occurring. Please clarify whether construction activities adjacent to the school, including excavation, installation of support of excavation, retaining wall construction, and use of the school parking lot for construction access and staging, will be permitted during normal school hours. Otherwise, when can they be performed? Please also clarify whether the Contractor may mobilize in this location during school hours for work needed to facilitate the pedestrian tunnel installation.

Response 26) This will be answered in a future addendum.

Question 27) The specification for Item 950.5, Temporary Support of Excavation, measures excavation depth to the minimum necessary for installation of footings or subgrade. Please confirm that any additional SOE height or area required to reach suitable bearing material beneath the retaining walls will be measured and paid under Item 950.5.

Response 27) This will be answered in a future addendum.

Question 28) The Contract identifies Alexander Avenue as the primary construction access. How is the Contractor expected to access work between Stations 900+50 and 910+00 for equipment, excavation, deliveries, and retaining wall construction? Is access permitted from Pleasant Street, through the MBTA right-of-way, or across designated temporary easements? Please identify authorized access points and restrictions on construction vehicles.

Response 28) This will be answered in a future addendum.

Question 29) The Contract identifies two existing ductbanks, each reportedly containing nine 4-inch PVC conduits with power and signal lines, crossing the railroad near and generally parallel to the proposed culvert. However, the Temporary Support of Excavation specification identifies three ductbanks: one containing nine 4-inch PVC conduits, one containing two 4-inch PVC conduits, and one containing two 2-inch PVC conduits. Please clarify this discrepancy. The bid documents do not identify modifications to these ductbanks. One ductbank appears to be approximately 4 feet below grade and 4 to 5 feet from the proposed slide-rail SOE; installing and excavating within the suggested system will expose and potentially undermine the ductbank. Please confirm whether the ductbanks are active and, if so, whether any will be relocated before the outage.

Response 29) This will be answered in a future addendum.

Question 30) The drawings for Retaining Wall 4A indicate Contractor-designed SOE. We assume all retaining wall earthwork and SOE must remain within the applicable temporary or permanent easements limits. Is this correct?

Response 30) This will be answered in a future addendum.

Question 31) The drawings for Retaining Wall 4B show tiebacks. Are these required? Will temporary SOE tiebacks, including their bonded lengths, be permitted to extend beyond the temporary or permanent easement lines?

Response 31) This will be answered in a future addendum.

Question 32) Please provide available as-built or survey information showing the sizes, horizontal locations, depths/elevations, and status of existing buried electrical and signal conduits parallel to the railroad, together with the sizes, locations, and depths of associated electrical manholes. As shown, they appear to interfere with wall 4A SOE and excavation. For the conduits identified on Contract Sheets 121 and 122, please also clarify how any necessary protection, modification, or relocation will be accomplished and paid for.

Response 32) This will be answered in a future addendum.

Question 33) Tree trimming is a lump-sum bid item, but restrictions on MBTA and private-property access prevent bidders from inspecting all portions of the work. The specification also states that trimming shall be performed as directed by the Engineer. How is that quantified? Please identify the required locations, number of trees, and extent of trimming so bidders can reasonably quantify and price the lump-sum work.

Response 33) This will be answered in a future addendum.

Question 34) Please confirm whether the proposed tree trimming and removal, excavation, temporary SOE, construction access, and temporary material storage within the project limits are covered by the existing Belmont Conservation Commission determination. We assume there are no additional Conservation Commission permits, approvals, restrictions, or mitigation measures or other requirements required for these activities? Please clarify.

Response 34) This will be answered in a future addendum.

Question 35) Specifications Items 102.3 and 102.33 address invasive plant management. We understand invasive vegetation must be treated before clearing and handled to prevent its spread. Must invasive vegetation removed during clearing and grubbing be segregated from non-invasive vegetation and handled and disposed of separately? If so, please identify the limits and estimated quantities and clarify how the work will be measured and paid.

Response 35) This will be answered in a future addendum.

Question 36) For Retaining Wall 9 between Stations 936+00 and 937+00, the draft interpretation of borings SB-3, SB-4, and SB-5 identifies fill material up to 8 feet below the bottom of the proposed footing elevation. The SOE for the over excavation at these and other locations where SOE is required is to be measured and paid under item 950.5. Is this correct?

Response 36) This will be answered in a future addendum.

Question 37) The drawings appear to show the specified drilled mini-pile (micropile) tip elevations within existing fill. Please confirm the intended tip elevations and whether termination within the fill is acceptable under the design requirements.

Response 37) This will be answered in a future addendum.

Question 38) The specifications state that no cutting, trimming, or removal of trees and/or woody vegetation greater than 3 inches in diameter may occur between April 15 and October 31. Please confirm that this restriction applies to the entire project location.

Response 38) This will be answered in a future addendum.

Question 39) The Contract identifies a maximum 168-hour railroad outage but does not establish a specific outage date. Please identify the anticipated outage date

Response 39) This will be answered in a future addendum.

Question 40) Contract documents states The Contractor is limited to a maximum of 7-full days (168 hours) of track shutdown for the construction of the underpass, B-07-017-. The Contractor is subject to liquated damages for any amount of time that exceeds the 7-day shut down. The liquidated damages shall be as follows: Liquidate Damages: $450,000 per day *Liquid damages only apply if the tracks are not returned to service by the end of the (8) day outage.
Please clarify the duration of the outage.

Response 40) This will be answered in a future addendum.

Question 41) Construction of Retaining Walls 4A and 9 will require excavation of the existing embankment adjacent to the railroad tracks. We assume that existing excavated embankment material may be reused as backfill above the required foundation replacement material, provided it meets applicable compaction requirements and is not otherwise unsuitable. Is this assumption correct?

Response 41) This will be answered in a future addendum.

Question 42) At certain locations, including Retaining Walls 4A and 9, E-80 lateral loading requirements and insufficient soil resistance below grade preclude the use of cantilevered sheeting, requiring a two-sided, internally braced support-of-excavation system.
Please confirm that where two-sided support of excavation is required, the exposed face area of sheeting retaining soil on each side of the excavation will be measured separately, and that both sides will be paid under Item 950.5, based on the total square footage of the two exposed faces.

Response 42) This will be answered in a future addendum.

Question 43) At locations where braced support of excavation is required, temporary cross-struts may interfere with cast-in-place wall formwork and reinforcement. Precast wall sections could potentially be installed between struts and backfilled before the struts are removed. Will precast concrete retaining walls be permitted in lieu of the cast-in-place concrete walls specified for Walls 4A, 4B, 7, 8 and 9?

Response 43) This will be answered in a future addendum.

Question 44) The Contract Documents identify three safety-related positions:
Contractor Safety Supervisor – Section 01568.
Railroad Safety Representative – Section 2.16(A) of the Railroad Special Provisions.
Environmental Site Safety and Health Officer – Item 180.01.
Please confirm whether a single qualified individual, approved by the applicable authorities, may perform all three functions, or whether separate personnel are required. Please also clarify whether any of these positions must be dedicated exclusively to safety responsibilities and maintained on-site full-time during construction operations.

Response 44) This will be answered in a future addendum.

J.F. White Contracting Company, Inc., October 19, 2026

Question 45) Construction plan sheet 31/221 at Station 900 +/- shows a proposed bench. What type of bench is required and under what pay item should it be included in?

Response 45) The bench shall be per Item 707.11 – Park Bench Type 1.

Question 46) Item704.2 -Stonedust Shoulder has a bid quantity of 550 tons. We have reviewed the drawings and calculated a quantity that is 60 % of the bid quantity.

Response 46) Item 704.2 - Stonedust Shoulder quantity confirmed, quantity includes swell percentage, and also contingency quantity.

Question 47) As a follow-up to question 10 – page 3 of 5 addendum 1 the response states that all handholes for the traffic signals shall be per Item 811.22- Electric Handhole -SD2.022.
Item 811.31 – Pullbox 12x12 Inches -SD2.031 with a quantity of 4 each was added to Sheet B000420-20. Please clarify where these are in the plans.

Response 47) This will be answered in a future addendum.

Question 48) Sheet 23 of 221 shows temporary construction fence starting at approximately Station 911+21.18 and running to approximately 916 +68.45 on the south side of the path construction. This prevents access to the MBTA Commuter Outbound Platform by the Stairs between Station 912 & 913. Please confirm that access to the MBTA Commuter Outbound Platform through the work area is not required.

Response 48) Temporary construction fence is not shown on sheet 23. Sheet 33 shows the construction fence near Belmont Station. Access to the station is required to be maintained at all train hours of operation. The temporary construction fence is shown across the access path as we anticipate that access may be closed during non-revenue hours for the MBTA, as coordinated and approved by the Engineer and MBTA.

J.F. White Contracting Company, Inc., October 20, 2026

Question 49) Bid Item 390.1-Gas Line Service to Switches -Special Provision Page A00801-101 under Contractors Items states that the contractor shall" pay for Keolis with a 3rd Party Agreement in advance and also pay for National Grid's Work. What amounts should be carried in Bid Item 390.1 for these two items.

Response 49) This will be answered in a future addendum.

Question 50) Drawing Sheet 144 of 221 on the North Side has a note for the contractor to install temporary utility beams to shore conduits in preparation for excavation (to be paid in support of excavation bridge).
Please confirm the following:

A.) Enough slack exists in the cables inside the conduits to allow supporting, moving and raising as shown on the drawings.
B.) That the owner of the utilities will have personnel available to work with the contractor to provide the slack in the cables as required.
C.) That split PVC conduit and fittings where needed will be allowed to be placed around the cables during supporting, moving and raising and the final condition.
D.) When will this work be allowed to be done. (Nights, weekends, off hours for the commuter rail?)

Response 50) This will be answered in a future addendum.

Question 51) Where the contractor will be working within 15' of the centerline of the outbound track on the east end of the project (Approximately End of Wall 9 to Brighton Street) will Keolis allow single tracking on the inbound track during non -peak hours so as to maximize the time the contractor has each day instead of working under foul time conditions.

Response 51) This will be answered in a future addendum.

② Addendum No. 2, October 22, 2026
① Addendum No. 1, October 16, 2026

MBTA SCHEDULE RESTRICTION (Continued)

- Replace temporary rail joint bars with flash-butt welds.
- Prepare subbase for the wingwall footings.
- Install the north and south precast wingwall footings with flowable fill.
- Allow the flowable fill to achieve the required set.
- Install and grout the north and south wingwall stems.
- Allow the grout to achieve the required compressive strength.
- Backfill the wingwalls with crushed stone.
- Install drainage piping and DMH-6 and DMH-8.
- Place HMA through the tunnel and within the wingwall limits.
- Remove the remaining bulkhead.
- Install the north and south concrete-encased electrical ductbanks through the preinstalled sleeve and associated manholes.
- Install the gas booster-pump bungalow.
- Install the four-inch gas line from the meter through the booster pump to the four switch heaters.
- Extract the southern sheet piles.
- Restore curbing, pavement, lane striping, loam, and seed for the Belmont High School Parking Lot.
- Install a temporary asphalt patch over the electrical ductbank north of Track 1.
- Install and connect the gas booster pump.
- Have MBTA complete the gas connections at the four switch heaters.

① **PROPRIETARY PRODUCTS**

A letter discussing *Highway Lighting Luminaire – Acorn Style Scones LED – Gardco and Underpass Lighting Luminaire 6-foot LED – Lumec* as a proprietary specification pursuant to M.G.L. c. 30, sec. 39M(b) has been placed in the Project file.

② Item 823.101, Highway Lighting Luminaire – Acorn Style Scones LED – Gardco PPT Scones LED, shall be manufactured by Pennsylvania Globe Gaslight Co. or approved equal.

② Item 823.311, Underpass Lighting Luminaire 6 foot LED, shall be manufactured by Spring City Electrical Mfg. Co. or approved equal.

ITEM 252.12 12N INCH CORRUGATED PLASTIC PIPE FOOT

The work under this Item shall conform to the relevant provisions of Subsection 230 of the Standard Specifications and the following:

This item shall be used for the drainage pipe installation between proposed Drainage Manholes 7 and 8.

Per the MassDOT Utility Accommodation Policy (UAP) Chapter 9 Item 7(b) the drain pipe adjacent to the proposed culvert structure must be cased. The casing for the corrugated plastic pipe between the manholes shall be ASTM A252 Grade 2 smooth-walled steel pipe, with a diameter of 18” and wall thickness of 5/16”.

METHOD OF MEASUREMENT AND BASIS OF PAYMENT

Item 252.12 will be measured and paid per Subsections 230.80 and 230.81, respectively.

No separate payment will be made for the casing for the corrugated plastic pipe and the installation of the casing, but all costs in connection therewith shall be included in the Contract unit price bid.

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② Addendum No. 2, October 22, 2026

Project # 609204	Contract # 136695			
Location : BELMONT				
Description : Community Path, Belmont Component of the MCRT (Phase I)				
ITEM #	**QUANTITY**	**ITEM WITH UNIT BID PRICE WRITTEN IN WORDS**	**UNIT PRICE**	**AMOUNT**
238.06	100	6 INCH DUCTILE IRON PIPE AT _____ PER FOOT		
238.12	875	12 INCH DUCTILE IRON PIPE AT _____ PER FOOT		
241.12	900	12 INCH REINFORCED CONCRETE PIPE CLASS III AT _____ PER FOOT		
② 252.12	55	12 INCH CORRUGATED PLASTIC PIPE AT _____ PER FOOT		
269.08	3,900	8 INCH SLOT-PERFORATED CORRUGATED PLASTIC PIPE (SUBDRAIN) AT _____ PER FOOT		
281.2	125	JUTE MESH (WATERWAYS) AT _____ PER SQUARE YARD		
390.01	1	GAS LINE SERVICE TO SWITCHES AT _____ LUMP SUM		
402.	200	DENSE GRADED CRUSHED STONE FOR SUB-BASE AT _____ PER CUBIC YARD		
415.2	550	PAVEMENT FINE MILLING AT _____ PER SQUARE YARD		

Project # 609204	Contract # 136695			
Location : BELMONT				
Description : Community Path, Belmont Component of the MCRT (Phase I)				
ITEM #	**QUANTITY**	**ITEM WITH UNIT BID PRICE WRITTEN IN WORDS**	**UNIT PRICE**	**AMOUNT**
440.	27,100	CALCIUM CHLORIDE FOR ROADWAY DUST CONTROL AT _____ PER POUND		
443.	20	WATER FOR ROADWAY DUST CONTROL AT _____ PER 1000 GALLONS		
450.22	850	SUPERPAVE SURFACE COURSE – 9.5 (SSC – 9.5) AT _____ PER TON		
450.23	1,400	SUPERPAVE SURFACE COURSE - 12.5 (SSC - 12.5) AT _____ PER TON		
450.231	100	SUPERPAVE SURFACE COURSE - 12.5 POLYMER (SSC - 12.5 - P) AT _____ PER TON		
450.31	100	SUPERPAVE INTERMEDIATE COURSE - 12.5 (SIC -12.5) AT _____ PER TON		
450.42	50	SUPERPAVE BASE COURSE - 37.5 (SBC - 37.5) AT _____ PER TON		
451.	25	HMA FOR PATCHING AT _____ PER TON		
452.	900	ASPHALT EMULSION FOR TACK COAT AT _____ PER GALLON		

Project # 609204	Contract # 136695			
Location : BELMONT				
Description : Community Path, Belmont Component of the MCRT (Phase I)				
ITEM #	**QUANTITY**	**ITEM WITH UNIT BID PRICE WRITTEN IN WORDS**	**UNIT PRICE**	**AMOUNT**
453.	400	HMA JOINT SEALANT AT _____ PER FOOT		
472.	100	TEMPORARY ASPHALT PATCHING AT _____ PER TON		
504.	230	GRANITE CURB TYPE VA4 - STRAIGHT AT _____ PER FOOT		
504.1	40	GRANITE CURB TYPE VA4 - CURVED AT _____ PER FOOT		
509.	125	GRANITE TRANSITION CURB FOR PEDESTRIAN CURB RAMPS - STRAIGHT AT _____ PER FOOT		
509.1	20	GRANITE TRANSITION CURB FOR PEDESTRIAN CURB RAMPS - CURVED AT _____ PER FOOT		
580.	400	CURB REMOVED AND RESET AT _____ PER FOOT		
580.2	90	CURB REMOVED AND RESET - BRIDGE AT _____ PER FOOT		
594.	110	CURB REMOVED AND DISCARDED AT _____ PER FOOT		

Project # 609204	Contract # 136695			
Location : BELMONT				
Description : Community Path, Belmont Component of the MCRT (Phase I)				
ITEM #	**QUANTITY**	**ITEM WITH UNIT BID PRICE WRITTEN IN WORDS**	**UNIT PRICE**	**AMOUNT**
595.	3	CURB INLET REMOVED AND DISCARDED AT _____ EACH		
625.	5,800	TIMBER RAIL AT _____ PER FOOT		
625.5	560	PRIVACY SCREEN AT _____ PER FOOT		
627.82	1	GUARDRAIL TANGENT END TREATMENT, TL-2 AT _____ EACH		
630.2	80	HIGHWAY GUARD REMOVED AND DISCARDED AT _____ PER FOOT		
644.096	1,300	96 INCH CHAIN LINK FENCE (SPRING TENSION WIRE) (LINE POST OPTION) AT _____ PER FOOT		
645.0961	5,200	96 INCHSTEEL FENCE - MBTA STANDARD AT _____ PER FOOT		
650.096	6	96 INCH CHAIN LINK GATE WITH GATE POSTS AT _____ PER FOOT		
654.096	8,200	96 INCH CHAIN LINK FENCE FABRIC AT _____ PER FOOT		

Project # 609204	Contract # 136695			
Location : BELMONT				
Description : Community Path, Belmont Component of the MCRT (Phase I)				
ITEM #	**QUANTITY**	**ITEM WITH UNIT BID PRICE WRITTEN IN WORDS**	**UNIT PRICE**	**AMOUNT**
655.5	320	WROUGHT IRON PICKET FENCE AT _____ PER FOOT		
657.	6,200	TEMPORARY FENCE AT _____ PER FOOT		
657.1	350	TEMPORARY PEDESTRIAN MANAGEMENT GUIDANCE SYSTEM AT _____ PER FOOT		
657.5	3,100	TEMPORARY FENCE REMOVED AND RESET AT _____ PER FOOT		
665.	100	CHAIN LINK FENCE REMOVED AND STACKED AT _____ PER FOOT		
670.	135	FENCE REMOVED AND RESET AT _____ PER FOOT		
685.	870	STONE MASONRY WALL IN CEMENT MORTAR AT _____ PER CUBIC YARD		
697.1	13	SILT SACK AT _____ EACH		
698.4	2,170	GEOTEXTILE FABRIC FOR PERMANENT EROSION CONTROL AT _____ PER SQUARE YARD		

Project # 609204	Contract # 136695			
Location : BELMONT				
Description : Community Path, Belmont Component of the MCRT (Phase I)				
ITEM #	**QUANTITY**	**ITEM WITH UNIT BID PRICE WRITTEN IN WORDS**	**UNIT PRICE**	**AMOUNT**
701.	400	CEMENT CONCRETE SIDEWALK AT _____ PER SQUARE YARD		
701.2	60	CEMENT CONCRETE PEDESTRIAN CURB RAMP AT _____ PER SQUARE YARD		
701.21	5	TACTILE DETECTABLE INDICATORS AT _____ EACH		
702.	30	HOT MIX ASPHALT SIDEWALK OR DRIVEWAY AT _____ PER TON		
702.1	15	HOT MIX ASPHALT SIDEWALK OR DRIVEWAY - BRIDGE AT _____ PER TON		
704.2	550	STONE DUST SHOULDER AT _____ PER TON		
706.51	130	PEDESTRIAN UNIT PAVERS AT _____ PER SQUARE YARD		
706.9	410	DECORATIVE RESIN WALK AT _____ PER SQUARE YARD		
707.11	2	PARK BENCH TYPE 1 AT _____ EACH		

Project # 609204	Contract # 136695			
Location : BELMONT				
Description : Community Path, Belmont Component of the MCRT (Phase I)				
ITEM #	**QUANTITY**	**ITEM WITH UNIT BID PRICE WRITTEN IN WORDS**	**UNIT PRICE**	**AMOUNT**
707.12	2	PARK BENCH TYPE 2 AT _____ EACH		
707.81	1	BOLLARD REMOVED AND RESET AT _____ EACH		
707.9	4	BICYCLE RACK AT _____ EACH		
710.4	5	BOUND - PLAIN GRANITE AT _____ EACH		
722.1	1	SCHEDULE OF OPERATIONS (TYPE A) - FIXED PRICE $140000 AT One Hundred Forty Thousand Dollars LUMP SUM	$140,000.00	$140,000.00
740.	30	ENGINEERS FIELD OFFICE AND EQUIPMENT (TYPE A) AT _____ PER MONTH		
748.	1	MOBILIZATION AT _____ LUMP SUM		
751.	4,600	LOAM FOR ROADSIDES AT _____ PER CUBIC YARD		
756.	1	NPDES STORMWATER POLLUTION PREVENTION PLAN AT _____ LUMP SUM		

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ITEM #	**QUANTITY**	**ITEM WITH UNIT BID PRICE WRITTEN IN WORDS**	**UNIT PRICE**	**AMOUNT**
765.	16,500	SEEDING AT _____ PER SQUARE YARD		
765.472	95	STEEP SLOPE MID-HEIGHT SEED MIX AT _____ PER POUND		
765.635	6,100	NATIVE SEEDING AND ESTABLISHMENT AT _____ PER SQUARE YARD		
767.	30	HAY MULCH AT _____ PER TON		
767.121	670	SEDIMENT CONTROL BARRIER AT _____ PER FOOT		
767.6	6	AGED PINE BARK MULCH AT _____ PER CUBIC YARD		
767.9	150	JUTE MESH AT _____ PER SQUARE YARD		
771.050	104	TREE WHIPS AT _____ EACH		
772.337	35	CEDAR - RED 7-8 FEET AT _____ EACH		

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ITEM #	**QUANTITY**	**ITEM WITH UNIT BID PRICE WRITTEN IN WORDS**	**UNIT PRICE**	**AMOUNT**
773.438	29	PINE - WHITE 7-8 FEET AT _____ EACH		
774.095	36	SPRUCE - WHITE 7-8 FEET AT _____ EACH		
775.350	15	ELM - VALLEY FORGE 3-3.5 INCH CALIPER AT _____ EACH		
776.523	14	MAPLE - RED 2-2.5 INCH CALIPER AT _____ EACH		
777.035	13	OAK - NORTHERN RED 2-2.5 INCH CALIPER AT _____ EACH		
777.138	10	OAK - PIN 2-2.5 INCH CALIPER AT _____ EACH		
777.673	15	SWEETGUM - FRUITLESS 2-2.5 INCH CALIPER AT _____ EACH		
778.300	10	CHERRY - BLACK 2-2.5 INCH CALIPER AT _____ EACH		
781.284	14	HAWTHORN - COCKSPUR 1.5-2 INCH CALIPER AT _____ EACH		

Project # 609204	Contract # 136695			
Location : BELMONT				
Description : Community Path, Belmont Component of the MCRT (Phase I)				
ITEM #	**QUANTITY**	**ITEM WITH UNIT BID PRICE WRITTEN IN WORDS**	**UNIT PRICE**	**AMOUNT**
782.536	19	REDBUD - EASTERN 7-8 FEET AT _____ EACH		
783.044	18	SERVICEBERRY - AUTUMN BRILLIANCE 7-8 FEET AT _____ EACH		
783.467	11	TUPELO 2-2.5 INCH CALIPER AT _____ EACH		
785.735	72	INKBERRY - SHAMROCK 2-3 FEET / #3 AT _____ EACH		
790.831	63	DOGWOOD - ARCTIC FIRE 2-3 FEET / #3 AT _____ EACH		
791.531	60	FOTHERGILLA - DWARF FOTHERGILLA 18-25 INCHES AT _____ EACH		
794.331	8	SUMAC SHRUB - FRAGRANT-GRO-LOW 2-3 FEET / #2 AT _____ EACH		
794.500	82	SWEETSPIRE - HENRYS GARNET 30 INCHES AT _____ EACH		
795.131	9	VIBURNUM - BLUE MUFFIN ARROWWOOD 30 INCHES AT _____ EACH		

② Addendum No. 2, October 22, 2026

Project # 609204	Contract # 136695			
Location : BELMONT				
Description : Community Path, Belmont Component of the MCRT (Phase I)				
ITEM #	**QUANTITY**	**ITEM WITH UNIT BID PRICE WRITTEN IN WORDS**	**UNIT PRICE**	**AMOUNT**
795.186	19	WITCH HAZEL - AUTUMN BLOOMING 6-7 FEET AT _____ EACH		
796.025	57	YELLOWROOT - 18 INCHES/ #2 AT _____ EACH		
796.205	57	FEATHER REED GRASS - KARL FOERSTER - #2 AT _____ EACH		
801.54	100	5 INCH ELECTRICAL CONDUIT - TYPE NM (4 BANK) AT _____ PER FOOT		
② 801.56	650	5 INCH ELECTRICAL CONDUIT - TYPE NM (6 BANK) AT _____ PER FOOT		
② 804.1	700	1 INCH ELECTRICAL CONDUIT TYPE NM - PLASTIC -(UL) AT _____ PER FOOT		
804.15	75	1-1/2 INCH ELECTRICAL CONDUIT TYPE NM - PLASTIC -(UL) AT _____ PER FOOT		
② 804.2	50	2 INCH ELECTRICAL CONDUIT TYPE NM - PLASTIC (UL) AT _____ PER FOOT		
804.3	500	3 INCH ELECTRICAL CONDUIT TYPE NM - PLASTIC -(UL) AT _____ PER FOOT		

Addendum No. 2, October 22, 2026
① Addendum No. 1, October 16, 2026

Project # 609204 **Contract # 136695**

Location : BELMONT

Description : Community Path, Belmont Component of the MCRT (Phase I)

ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
804.65	50	JACKING 6 INCH PIPE AT _____ PER FOOT		
811.112	3	ELECTRIC MANHOLE 6 FT X 13 FT AT _____ EACH		
811.22	20	ELECTRIC HANDHOLE - SD2.022 AT _____ EACH		
① 811.31	4	PULL BOX 12 X 12 INCHES - SD2.031 AT _____ EACH		
812.09	13	LIGHT STANDARD FOUNDATION PRECAST AT _____ EACH		
812.20	1	LIGHTING LOAD CENTER FOUNDATION AT _____ EACH		
813.30	110	WIRE TYPE 7 NO. 10 GENERAL PURPOSE AT _____ PER FOOT		
813.32	150	WIRE TYPE 7 NO. 6 GENERAL PURPOSE AT _____ PER FOOT		
813.35	450	WIRE TYPE 7 NO. 1 GENERAL PURPOSE AT _____ PER FOOT		

Addendum No. 2, October 22, 2026
Addendum No. 1, October 16, 2026

Project # 609204	Contract # 136695			
Location : BELMONT				
Description : Community Path, Belmont Component of the MCRT (Phase I)				
ITEM #	**QUANTITY**	**ITEM WITH UNIT BID PRICE WRITTEN IN WORDS**	**UNIT PRICE**	**AMOUNT**
813.80	1	SERVICE CONNECTION (OVERHEAD) AT _____ EACH		
821.14	13	HIGHWAY LIGHTING POLE (ANCHOR BASE) 12 FOOT BRACKET AT _____ EACH		
823.101	13	HIGHWAY LIGHTING LUMINAIRE - GARDCO PPT SCONES LED AT _____ EACH		
823.311	4	UNDERPASS LIGHTING LUMINAIRE 6 FOOT LED AT _____ EACH		
823.60	1	HIGHWAY LIGHTING LOAD CENTER AT _____ LUMP SUM		
823.70	1	HIGHWAY LIGHTING POLE AND LUMINAIRE REMOVED AND RESET AT _____ EACH		
825.1	1	RECTANGULAR RAPID FLASHING BEACON LOCATION NO. 1 AT _____ LUMP SUM		
832.	153	WARNING-REGULATORY AND ROUTE MARKER - ALUMINUM PANEL (TYPE A) AT _____ PER SQUARE FOOT		
847.1	40	SIGN SUP (N/GUIDE)+RTE MKR W/1 BRKWAY POST ASSEMBLY - STEEL AT _____ EACH		

Addendum No. 2, October 22, 2026
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Project # 609204	Contract # 136695			
Location : BELMONT				
Description : Community Path, Belmont Component of the MCRT (Phase I)				
ITEM #	**QUANTITY**	**ITEM WITH UNIT BID PRICE WRITTEN IN WORDS**	**UNIT PRICE**	**AMOUNT**
852.	510	SAFETY SIGNING FOR TRAFFIC MANAGEMENT AT _____ PER SQUARE FOOT		
853.1	15	PORTABLE BREAKAWAY BARRICADE TYPE III AT _____ EACH		
854.0161	70	PAVEMENT MARKINGS - 6 INCH (PAINTED) BRIDGE AT _____ PER FOOT		
856.060	180	ARROW BOARD (TYPE B) AT _____ PER DAY		
856.12	450	PORTABLE CHANGEABLE MESSAGE SIGN AT _____ PER DAY		
859.	36,000	REFLECTORIZED DRUM AT _____ PER DAY		
① 859.1	720	REFLECTORIZED DRUMS WITH SEQUENTIAL FLASHING WARNING LIGHTS AT _____ PER DAY		
864.04	60	PAVEMENT ARROWS AND LEGENDS REFLECTORIZED WHITE (THERMOPLASTIC) AT _____ PER SQUARE FOOT		
864.1	230	GREEN FRICTION SURFACE FOR BIKE LANES AT _____ PER SQUARE FOOT		

Addendum No. 2, October 22, 2026
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Project # 609204	Contract # 136695			
Location : BELMONT				
Description : Community Path, Belmont Component of the MCRT (Phase I)				
ITEM #	**QUANTITY**	**ITEM WITH UNIT BID PRICE WRITTEN IN WORDS**	**UNIT PRICE**	**AMOUNT**
866.106	240	6 INCH REFLECTORIZED WHITE LINE (THERMOPLASTIC) AT _____ PER FOOT		
866.112	325	12 INCH REFLECTORIZED WHITE LINE (THERMOPLASTIC) AT _____ PER FOOT		
867.104	1,800	4 INCH REFLECTORIZED YELLOW LINE (THERMOPLASTIC) AT _____ PER FOOT		
867.106	450	6 INCH REFLECTORIZED YELLOW LINE (THERMOPLASTIC) AT _____ PER FOOT		
867.112	55	12 INCH REFLECTORIZED YELLOW LINE (THERMOPLASTIC) AT _____ PER FOOT		
871.22	1	PERMANENT NTCS FOR TRAILS AT _____ EACH		
874.	5	STREET NAME SIGN AT _____ EACH		
874.51	14	WAYFINDING SIGN AT _____ EACH		
874.71	5	MISCELLANEOUS SIGNS REMOVED AND RESET AT _____ EACH		

k Addendum No. 2, October 22, 2026
Addendum No. 1, October 16, 2026

Project # 609204	Contract # 136695			
Location : BELMONT				
Description : Community Path, Belmont Component of the MCRT (Phase I)				
ITEM #	**QUANTITY**	**ITEM WITH UNIT BID PRICE WRITTEN IN WORDS**	**UNIT PRICE**	**AMOUNT**
904.	5	4000 PSI, 3/4 INCH, 610 CEMENT CONCRETE AT _____ PER CUBIC YARD		
904.3	2,150	5000 PSI, 3/4 INCH, 685 HP CEMENT CONCRETE AT _____ PER CUBIC YARD		
910.1	651,600	STEEL REINFORCEMENT FOR STRUCTURES - EPOXY COATED AT _____ PER POUND		
k 945.10	610	DRILLED MICROPILES AT _____ PER FOOT		
950.5	2,100	TEMPORARY SUPPORT OF EXCAVATION AT _____ PER SQUARE YARD		
950.51	1	TEMPORARY SUPPORT OF EXCAVATION - BRIDGE AT _____ LUMP SUM		
964.11	1,600	ANTI-GRAFFITI COATING AT _____ PER SQUARE YARD		
983.1	4,075	RIPRAP AT _____ PER TON		
986.	450	MODIFIED ROCKFILL AT _____ PER TON		

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Project # 609204	Contract # 136695			
Location : BELMONT				
Description : Community Path, Belmont Component of the MCRT (Phase I)				
ITEM #	**QUANTITY**	**ITEM WITH UNIT BID PRICE WRITTEN IN WORDS**	**UNIT PRICE**	**AMOUNT**
995.01	1	BRIDGE STRUCTURE, BRIDGE NO. 8-07-017 AT _____ LUMP SUM		
995.07	140	REMOVAL AND REPLACEMENT OF RAILROAD AT _____ PER FOOT		
996.01	1	WALL STRUCTURE, WALL NO. 1 AT _____ LUMP SUM		
996.03	3,790	SMALL BLOCK LANDSCAPE RETAINING WALL AT _____ PER SQUARE FOOT		
Total Qty:	905,992			

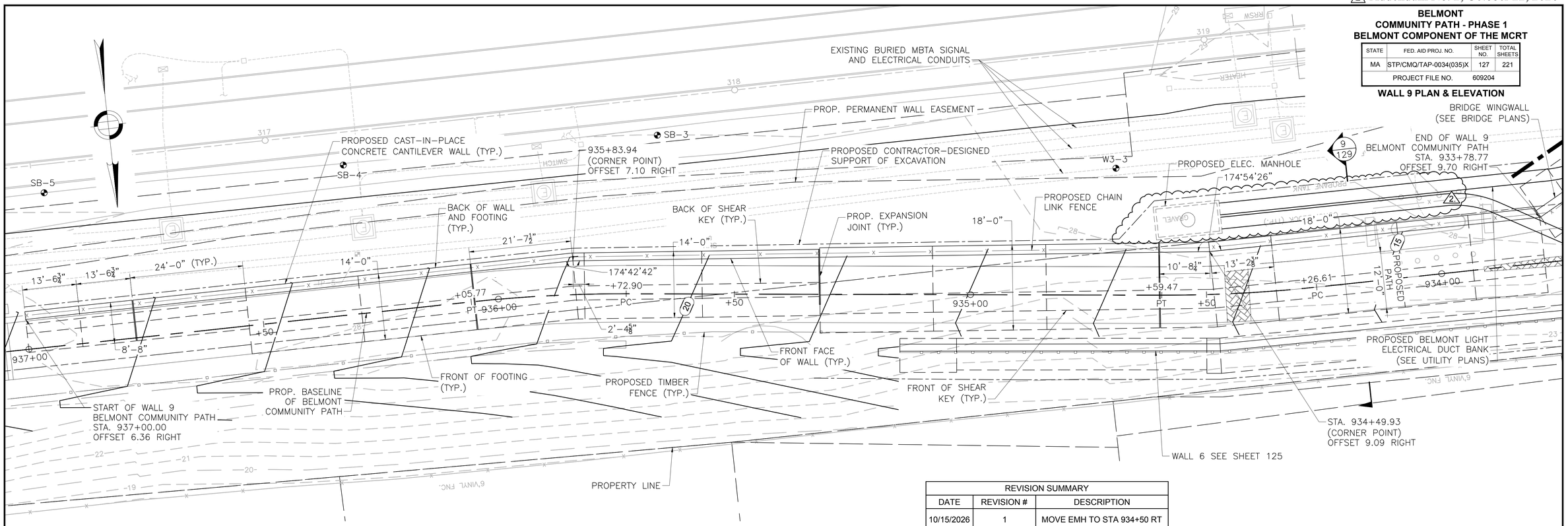
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BELMONT
COMMUNITY PATH - PHASE 1
BELMONT COMPONENT OF THE MCRT

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	STP/CMQ/TAP-0034(035)X	127	221
PROJECT FILE NO.	609204		

WALL 9 PLAN & ELEVATION

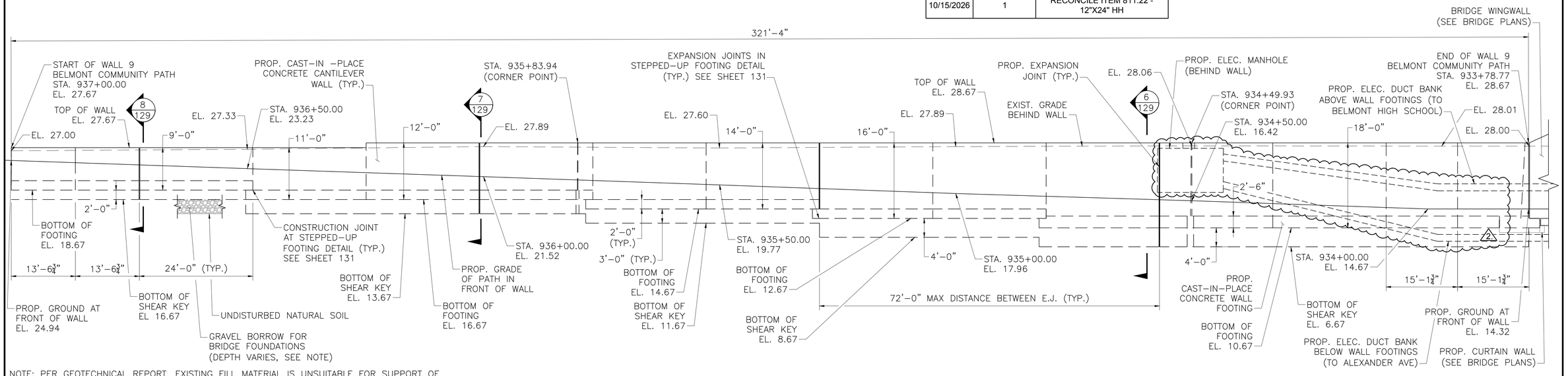
609204_BRI(P&E).DWG Plotted on 15-Oct-2026 10:06 AM



LEGEND:
XX-# BORING LOCATION

PLAN VIEW – WALL 9
SCALE: 1" = 10'

REVISION SUMMARY		
DATE	REVISION #	DESCRIPTION
10/15/2026	1	MOVE EMH TO STA 934+50 RT
10/15/2026	1	UPDATE TO ITEM 120. EARTH EXCAVATION
10/15/2026	1	UPDATE UNDERPASS LIGHTING LUMINAIRE QUANTITY
10/15/2026	1	RECONCILE ITEM 811.22 - 12"X24" HH



ELEVATION VIEW – WALL 9
SCALE: 1" = 10'

NOTE: PER GEOTECHNICAL REPORT, EXISTING FILL MATERIAL IS UNSUITABLE FOR SUPPORT OF WALLS. WALL FOOTINGS SHALL BE FOUNDED ON UNDISTURBED NATURAL SUBGRADE OR GRAVEL BORROW FOR BRIDGE FOUNDATIONS. IF FOOTINGS ARE LOCATED ABOVE NATURAL SUBGRADE, EXCAVATE ALL FILL MATERIAL BENEATH WALL FOUNDATIONS TO NATURAL UNDISTURBED SUBGRADE AND REPLACE WITH GRAVEL BORROW FOR BRIDGE FOUNDATIONS. BORINGS NEAR THE SECTION OF WALL SHOWN ON THIS SHEET INDICATE THE FOOTINGS MAY REQUIRE 0' TO 3' OF GRAVEL BORROW FOR BRIDGE FOUNDATIONS NEAR THE EAST END OF WALL 9. CONDITIONS SHOULD BE CONFIRMED BY THE CONTRACTOR IN THE FIELD.

WALL 9 – CAST-IN-PLACE CONCRETE CANTILEVER WALL