



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



January 29, 2026

Proposal No. 608051-132406

ADDENDUM NO. 5

To Prospective Bidders and Others on:

WILMINGTON

**Federal Aid Project No. STP/CMQ/HSI-0034(030)X
Reconstruction on Route 38 (Main Street), from Route 62 to the Woburn C.L.**

PROPOSAL TO BE OPENED AND READ: TUESDAY, FEBRUARY 3, 2026 at 2:00 P.M.
Transmitting changes to the Contract Documents as follows:

<u>QUESTIONS AND RESPONSES:</u>	Fourteen pages.
<u>DOCUMENT 00010:</u>	Revised Page 4.
<u>DOCUMENT 00104:</u>	Revised Page 3.
<u>DOCUMENT 00880:</u>	Revised Pages 3 through 52.
<u>DOCUMENT A00801:</u>	Revised Pages 132, 154, 366 and 367.
<u>DOCUMENT A00802:</u>	Revised Pages 11 through 15, 20, 21, and 25.
<u>DOCUMENT B00420:</u>	Revised Pages 7 through 36 and inserted new pages 37 and 38.
<u>PLANS:</u>	Revised Sheets 18, 94, 99, 105, 112, 113, 119, 142, 229, 235, 236, 255, 256 and inserted new sheet 136A.

Take note of the above, substitute the revised pages and sheets for the originals, insert the new pages and sheet in proper order and acknowledge Addendum No. 5 in your Expedite Proposal file before submitting your bid.

Very truly yours,

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

MB
c: Kernan, Eamon, Project Manager

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D.W. White Construction, Inc., e-mail dated January 8, 2026

Question 7) Please confirm measurement and locations for bid item 303.12-12 Inch Ductile Iron Water Pipe (Mechanical Joint).

Response 7) See Plans Sheet 142 and Proposal page B00420- 12. Detail and measurements have been added to Sheet 142 – Drainage & Utility Details 9. 12 Inch Ductile Iron Water Pipe (Mechanical Joint) will be installed at all fittings and gate valves per the detail.

McCourt Construction, e-mail dated January 16, 2026

Question 9) There are temporary easements shown all along the corridor. Are all of these temporary easements in place so that the contractor can work throughout the corridor without interruption?

Response 9) All temporary easements shown on the plans have been secured and will be available at the start of construction.

Question 10) On sheet 114 of 420, there is a callout for abandonment of an existing 10” waterline that runs on the north side of Rt.38. It appears to start somewhere near 205+60 and appears to continue to Lowell Street. Please confirm this is as far as this line is to be abandoned.

Response 10) The existing water main to be abandoned runs from approximately STA. 205+60 until approximately STA. 226+50 at the proposed cut and plug before the connection to Kiernan Ave.

Question 11) On sheet 118 of 420, there is a callout for abandonment of an existing 10” waterline that runs on the south side of Rt.38. Please clarify the start / stop limits of this abandonment as there are no mentions of this abandonment to the west on sheet 117.

Response 11) The existing water main to be abandoned runs from approximately STA. 225+00, where it connects to the existing water main on the north side of Route 38, until approximately STA. 259+25, where it connects to the new water main installed under Project 607327.

Question 12) On sheet 124 of 420, there is a callout for abandonment of an existing 10” waterline that runs on the south side of Rt. 38, and a second callout for the abandonment of existing 10” waterline under project 607327. These appear to be the same 10” waterlines. Please clarify where the limit of removal (station) under this project is and where the limit of removal of the 10” waterline removed or to be removed under project 607327 is.

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- Response 12) The new water main installed under Project 607327 begins at approximately STA. 259+25. The existing 10" water main from STA. 259+25 until STA. 270+75 will have already been abandoned under Project 607237.
- Question 13) On sheet 126 of 420, the same condition for abandonment of the existing 10" waterline exists as the bullet above. Please clarify what station this project starts to be responsible for removing the 10" waterline.
- Response 13) The existing water main to be abandoned begins at the proposed cut and cap at approximately STA. 270+75 and runs until the proposed cut and cap at approximately STA. 294+20.
- Question 14) Please clarify where the abandonment of the existing 10" waterline ends on sheet 130 of 420 as it doesn't appear to be called out for abandonment on sheet 131 of 420.
- Response 14) The water main abandonment ends at the proposed cut and cap at approximately STA. 294+20 at Eames Street. The proposed water main is to connect to the existing 10" water at Eames Street, so the water shown on sheet 131 should be kept in service.
- Question 15) Please clarify where along the alignment the pavement typical section called "Proposed Milling & Structural Overlay" shown on sheet 14 of 420 is located.
- Response 15) The limits of the proposed milling and structural overlay are shown on Sheets 35 through 39. Pavement fine milling and resurfacing shall be performed at the work limits to match existing grades.
- Question 16) On sheet 14 of 420 under the section "Proposed Bridge Pavement", it calls for Superpave Base Course 37.5 "variable thickness". Please provide a range of depth the contractor may expect here.
- Response 16) See the revised Sheet 255. The depth of the Superpave Base Course 37.5 at the bridge has been revised to 4.5" over variable depth dense graded crushed stone.
- Question 17) Please clarify if there is any new permanent asphalt on Breed Ave other than what is required for trench restoration.
- Response 17) Permanent asphalt on Breed Ave will be limited to trench restoration unless the utility trench width exceeds 40% of the existing pavement width. In locations where the trench exceeds 40%, full-width pavement fine milling and overlay shall be required within the project limits to provide a uniform pavement section and restore to existing grades.

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Question 18) Item 853.21 “Temporary Barrier Removed and Reset” has a quantity of 2,100 ft. Is this barrier TL-2 barrier or TL-3 barrier? If it is for TL-2 barrier, there doesn’t appear to be an item established for it.

Response 18) The barrier is intended to be TL-3.

Question 19) On sheet 181 of 420 under the “Phasing Notes”, note #6 mentions removal of concrete base. There doesn’t seem to be mention of concrete base under the travel lanes anywhere. Please provide stationing and thickness of this concrete base.

Response 19) There are concrete bases for signs and utilities within the project that will be excavated. Roadway is not expected to have concrete slabs.

Question 20) On sheet 181 of 420 under the “Phasing Notes”, note #12 mentions slab removal. Please provide stationing and thickness for roadway slabs that are referenced by this note.

Response 20) This note is related to the bridge and culvert replacements. Both the existing bridge and culvert have a concrete slab to be removed.

Question 21) Item 745 “Pedestrian Bus Shelter” references 3 shelters, 2 by CEMUSA and 1 by JC Decaux. A Google search for both of these companies returns that they are advertising companies that “advertise” on street furniture such as bus shelters, not manufacture or sell them. Second, JC Decaux appears to have purchased CEMUSA and a Google search of CEMUSA does not find a business with that name. Are there other manufacturers that are acceptable for this bid item?

Response 21) See the revised Special Provisions page A00801-154. Pedestrian bus shelter shall be Model 54186-00S without solar panels, lighting, or advertising panel, as manufactured by Tolar Manufacturing, or Slimline Flat Roof Bus Stop Shelter, five feet wide by twelve feet long as manufactured by Brasco International, or Transit Shelter with Classic Roof, approximately five feet wide by 12 feet long as manufactured by Duo-Gard. Pedestrian bus shelter shall be supplied with signage in accordance with the MBTA Bus Stop Design Guide and shall be supplied with a bench that is approximately half the length between posts. Side and back panels shall be 3/8-inch clear tempered glass. There shall be a minimum of five feet clearance in front of the shelter. Bus shelter shall be in accordance with MBTA Bus Stop Design Guide.

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E.T.& L. Corp., e-mail dated January 16, 2026

- Question 22) Sheet 119 appears to show a 2" Ductile Iron Pipe water service, however there is no item for 2" Ductile Iron Pipe. Please clarify how the 2" Ductile Iron Pipe will be compensated. Also, please provide a detail of how this 2" ductile iron service should be connected into the 12" ductile iron water main.
- Response 22) See the revised Proposal pages B00420-12 and 13 and Plans sheet 119. Item 347.2 2 Inch Copper Tubing Type K and Item 363.2 2 Inch Corporation Cock have been added.
- Question 23) Sheet 121 calls for ¾" Copper Service Type K at STA 243+05, however there are no ¾" copper service or corporation items. Please add pay items for the ¾" copper service and corporation.
- Response 23) See the revised Proposal pages B00420-12 and 13. Item 347.075 ¾ Inch Copper Tubing Type K and Item 363.075 ¾ Inch Corporation Cock have been added.
- Question 24) Sheet 118 shows a 10" Insertion Valve, however there is no 10" insertion valve item. Please add a pay item for the 10" Insertion Valve.
- Response 24) See the revised Special Provisions page A00801- 132 and Proposal page B00420 - 14. Item 375.10 10 Inch Insertion Valve and Box has been added to the contract.
- Question 25) It does not appear that any of the manholes are 9'-14' deep. Can you please confirm the bid quantity of 22 each for Item 202.2?
- Response 25) See the revised Proposal page B00420-7. The contract quantity for Item 202. has been revised. Item 202.2 has been removed.
- Question 26) Please clarify what structures are to be paid under Item 201.9 – Catch Basin (6.5 Foot and Over), as well as the measurement and payment for those structures.
- Response 26) See the revised Proposal page B00420-7. The contract quantity for Item 201. has been revised. Item 201.9 has been removed.
- Question 27) Can you please verify the quantity of Item 204 Gutter Inlet? The detail sheets in the specifications call for several gutter inlets that are not shown on the plans.
- Response 27) See the revised Proposal page B00420-8. The contract quantity for Item 204. has been revised.

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Question 28) Sheet 95 of the plans calls for a run of 18" corrugated plastic pipe with a 45 degree bend tying into the headwall for the Special Drainage Structure No. 1. Please clarify which item(s) this 18" corrugated plastic pipe and 45 degree bend are paid under.

Response 28) See the revised Proposal page B00420-11. Item 252.18 18 Inch Corrugated Plastic Pipe has been added.

Question 29) It appears that Drainage and Utility Details – Page 3 is missing from the Contract Plans. Please confirm if there is a missing page for the drainage and utility details.

Response 29) See inserted new Plans Sheet 136A.

Question 30) The utility plans call out an existing, buried Boston & Northern Street Railway. Can an estimated depth of this railway be provided? Please provide a pay item to the Contract for the removal and disposal of this existing railway.

Response 30) The buried Boston & Northern Street Railway shown on the plans is based on record plans and is provided for reference only. Subsurface investigations, including surface observations, ground penetrating radar, and utility test pits indicate that the railway is likely no longer present. Therefore, an estimated depth cannot be provided. No separate pay item for removal of the railway is included in the Contract. Should any remnants be encountered during construction, they shall be reported to the Engineer.

Question 31) Please reference plan sheet 255 (Bridge Sheet 20/26). The details for the "Face of Sidewalk Curb Details" and the "Face of Safety Curb Details" appear to indicate that the Membrane Waterproofing will be installed below the Superpave Intermediate course, and therefore above the Superpave Base Course. Please clarify if these limits of the Membrane Waterproofing are correct, or if the Membrane Waterproofing should be on the Precast Frame/CDF (below the Superpave Base Course).

Response 31) See the revised Plans Sheet 255 and 256. Membrane waterproofing to be removed from the two details noted on Sheet 20. The membrane waterproofing will be applied to the precast frame as called out in the Typical Section and on Sheet 21.

Question 32) Please reference Plans Sheets 255 (Bridge Sheet 20/26). The "Typical Bridge Section" appears to indicate that there will be Superpave Base Course below the cast-in-place sidewalk curb and the cast-in-place sidewalk. Can you please provide a detail clarifying the limits of Superpave Base Course in this area, and provide a detail if gravel is required below the cast-in-place curb and sidewalk.

Response 32) See the revised Plans Sheet 255. Between the curb lines, there will be a Superpave Base Course 4.5" thick with a varying depth Dense Grade Crushed Stone for the remaining fill material. That same material should be used below the sidewalk.

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Question 33) Please reference plan sheet 255 (Bridge Sheet 20/26). Can you please add the limits of Membrane Waterproofing to the “East Headwall Details” and the “West Headwall details.

Response 33) See the revised Plans Sheet 255.

Question 34) Please reference plan sheet 115. Utility pole #103A at approximately station 207+50 RT, is to be removed and reset with a new guy wire. The new location of the pole and guy wire appear to interfere with the construction of Wall #1 footing and the new fence. Please clarify the location of relocated utility pole 103A.

Response 34) See the revised Plans Sheet 229 for the revised SOE. The permanent relocation of Pole 103A is anticipated to be within the sidewalk in front of the proposed guardrail, provided a minimum 4'-0" clear path (excluding the curb width) is maintained. A caisson may be required based on sequencing and means and methods. Final pole relocation and guy anchor locations shall be coordinated with Verizon during construction. The fence between Station 207+00 RT and Station 210+60 RT is temporary and may be adjusted within the easement as needed.

Question 35) Please reference plan sheet 231. The limits of “Gravel Borrow for Bridge Foundations” detail indicates a 3' deep gravel foundation below the Wall #1 footing at 45-degrees, which would require 3' of gravel extending beyond the width of the footing on each side. In contrast, the detail “Limits of Gravel Borrow for Backfilling Structures and Pipes” indicates that gravel payment will only be paid to 1' outside of the footing.

If we install our support of excavation at 3' outside of the footing to satisfy the foundation detail, where will the additional 2' of bridge excavation and gravel backfill within the support of excavation be paid.

Response 35) The limits of materials and excavation shown on the plan details are in accordance with MassDOT Standards and the latest specifications. Please refer to Subsection 140 of the MassDOT Standard Specifications, where the method of measurement is defined for structure excavation. Subsection 150 of the MassDOT Standard Specifications establishes that measurement for backfilling materials shall be as shown on the Plans.

Question 36) Please reference plan sheet 231. The limits of “Gravel Borrow for Bridge Foundations” detail indicates a 3' deep gravel foundation below the Wall #1 footing at 45-degrees, which would require 3' of gravel extending beyond the width of the footing on each side. In contrast, the detail “Limits of Gravel Borrow for Backfilling Structures and Pipes” indicates that gravel payment will only be paid to 1' outside of the footing.

Please clarify the limits of gravel borrow for backfilling structures and pipes.

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Response 36) See the response to Question 35.

Question 37) Please reference plan sheet 231. The limits of “Gravel Borrow for Bridge Foundations” detail indicates a 3’ deep gravel foundation below the Wall #1 footing at 45-degrees, which would require 3’ of gravel extending beyond the width of the footing on each side. In contrast, the detail “Limits of Gravel Borrow for Backfilling Structures and Pipes” indicates that gravel payment will only be paid to 1’ outside of the footing. Please clarify the limits of gravel borrow for bridge foundation.

Response 37) See the response to Question 35.

Question 38) Please reference plan sheet 231. The limits of “Gravel Borrow for Bridge Foundations” detail indicates a 3’ deep gravel foundation below the Wall #1 footing at 45-degrees, which would require 3’ of gravel extending beyond the width of the footing on each side. In contrast, the detail “Limits of Gravel Borrow for Backfilling Structures and Pipes” indicates that gravel payment will only be paid to 1’ outside of the footing.

The foundation detail also states that 2’ of gravel shall be placed above the footing, compacted, and excavated. Where will the contractor be paid to install and excavate this gravel?

Response 38) See the response to Question 35.

Question 39) Wall No. 1 Elevation shown on plan sheet 229 seems to have some discrepancies in the measured height of the wall vs the elevations given on the detail. The wall portion is measuring about 5” taller than the elevations shown. For example, WP#1 is at El. 105.05, with a top of footing elevation of 95.0, totaling a wall height of 10.05’. However, this height is scaled off the plans at 10’ 5”. Please clarify the actual wall heights and revise the Wall Elevation Plan as necessary.

Response 39) See the revised Plans Sheet 229. The elevations provided on the Plans should be used and not the scaled dimensions.

Question 40) The cross sections for stations 207+50 through 208+50 seem to contradict the Wall No. 1 plan sheets 229-231. The cross sections show a 2.25’ thick footing (vs 2’ in the wall plans) and the footing elevations on the cross sections differ from those on the wall elevation. Please clarify the wall location, footing and wall heights, and elevations.

Response 40) Refer to the wall plan sheets 229-231 for all wall design elements.

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Question 41) The typical pipe trench detail on Sheet 225 of the plans calls for ¾" diameter crushed stone pipe bedding. Please confirm this crushed stone will be paid under Item 156 – Crushed Stone.

Response 41) Crushed stone pipe bedding will be paid under Item 156 Crushed Stone.

McCourt Construction, e-mail dated January 20, 2026

Question 42) On plan sheet 181 of 420, under the "Phasing Notes" section, note #2 states that all lanes are to be paved by 3:00 PM on Friday and remain paved until 6:00 PM on Sunday. This note would seem to infer that it is MassDOT's intent that traffic is running on the dense graded base daily/nightly from 6:00 PM Sunday to 3:00 PM Friday? Is there a maximum distance that traffic can run on the dense graded base?

Response 42) The approximately five days noted is intended to represent a maximum duration, not a typical duration. Appropriate measures shall be taken to provide smooth transitions while the roadway is in a gravel/dense grade condition and dust control measures are in place. The Contractor shall minimize the duration that traffic is permitted on dense-graded base to the greatest extent possible.

Question 43) On sheets 94 thru 113 of 420 there are numerous omissions of invert information in the tables provided on these sheets. Please provide these missing values.

Response 43) The drainage tables on sheets 94, 99, 105, 112, and 113 have been revised as part of this Addendum.

McCourt Construction, e-mail dated January 22, 2026

Question 44) On plan sheet 99 of 420, there is a callout of "DMH 3-39" that does not show up on the drainage table. Is this DMH required?

Response 44) See response to Question 43.

Question 45) On plan sheet 105 of 420, there is a callout of "DMH 5-52 and DMH 5-54" that do not show up on the drainage table. Are these DMH's required?

Response 45) DMH 5-52 and DMH 5-54 have been revised to CB W/ F&C 5-52 and CB W/ F&C 5-54 and added to the drainage table on Sheet 105 as part of this Addendum. Refer to the SC-740 Isolator Row Plus Detail detail on Sheet 141 for more information.

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Question 46) On plan sheet 112 of 420, there is a callout of “DMH 7-31 and DMH 7-35” that do not show up on the drainage table. Are these DMH’s required?

Response 46) DMH 7-31 and DMH 7-35 have been revised to CB W/ F&C 7-31 and CB W/ F&C 7-35 and added to the drainage table on Sheet 105 as part of this Addendum. Refer to the SC-740 Isolator Row Plus Detail on Sheet 141 for more information.

Question 47) On plan sheet 113 of 420, there is a callout of “DMH 7-32” that does not show up on the drainage table. Is this DMH required?

Response 47) See the response to Question 43.

J.F. White Contracting Co., e-mail dated January 23, 2026

Question 48) Will MADOT be releasing Electrical, communications & telephone specific drawings. Referring to utility tasks 7 Verizon, 8 RMLD, 9 Eversource, 17 utility support & 18 utility support.

Response 48) Contractor shall coordinating with the utility owners during construction to confirm current utility standards and requirements.

Question 49) Referencing the Special Provisions, page A00801-111 under Method Of Measurement it indicates “Items 201, 201.7 and 201.9 will be measured for payment per Subsection 201.80 of the Standard Specifications.” Standard Specification, Subsection 201.80 Method Of Measurement indicates “Measurement for catch basins, leaching basins, manholes and drop inlets (Types C and D), will be based on a standard unit having a depth of 6½ feet; ...as measured vertically at the center of the structure from the top of the grating or cover to the top of the floor in the case of basins.... When the measured depth exceeds the standard unit, the number of units paid for will be in the proportion of the measured depth to the standard depth down to 9 feet.” When measuring a catch basin that exceed the depth of 6.5 feet (example $7.08' / 6.5' = 1.09$) is the fraction above 1 (in this case 0.09) to be paid for as 0.09 each under Bid Item 201. Catch Basin or as 0.09 each under Bid Item 201.9 Catch Basin (6.5 Foot And Over)? If the answer is Item 201. Catch Basin what is paid for under Item 201.9 Catch Basin (6.5 Foot And Over)?

Response 49) See the revised Proposal page B00420-7. Item 201.9 Catch Basin (6.5 Foot And Over) has been removed from the contract quantities. All catch basins will be paid for under Item 201. in proportion to the measured depth. The contract quantities for Item 201. has been revised.

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Question 50) Per Special Provisions, Item 203.6 Outlet Control Structure, Basis of Payment states “The cost of the frame and cover shall be paid under Item 222.3.” On the Bid Sheets there is no Item 222.3, where will the Frame & Covers be paid for?

Response 50) Frame and cover shall be paid under Item 221. Frame and Cover.

Question 51) Please confirm that Bid Item 205.22 Subsurface Infiltration System No. 2 is to pay for (Ref. Sheet 140 of 420) SCM-3?

Response 51) Yes, Bid Item 205.22 is to pay for SCM-3.

Question 52) Proposed DMH (5-52) and (5-54) on Sheet 105 of 320 do not appear on the “Drainage Structure Table”; also Proposed DMH (7-31) and (7-35) on Sheet 112 of 420 do not appear on the “Drainage Structure Table”. What are the elevations for these DMHs and under what Bid Item are they paid?

Response 52) Please refer to the response to Question 45.

Question 53) Please reference the detail titled Typical Rock Cut Selection Left on drawing sheet 18 of 420. Please clarify limits of excavation and dimensions by material type of borrow to construct this detail. Including lift below that noted ‘Gravel Borrow’ on the detail. Also please clarify corresponding bid items for unidentified borrow lifts.

Response 53) See the revised Plans Sheet 18. The lift below the gravel borrow has been removed. Please refer to the revised Typical Rock Cut Selection Left detail, which reflects the full-depth pavement reconstruction structure. The limits of excavation shall conform to MassDOT Construction Detail 121.0.1 (dated January 2025).

Question 54) Bid Item 801.42 – 4” Conduit – Double – The estimate of quantities detail sheet is approximately half of the bid item quantity. Please verify the quantity of 275 FT is correct.

Response 54) The quantity of 275 FT is correct.

Question 55) Bid Item 983.0 – Dumped Riprap – The estimate of quantities detail sheet identifies this scope located at Station 253+80. Please verify the quantity of 2,100 TN at this location is correct.

Response 55) See revised Proposal page B00420-35.

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Question 56) There are approximately 126 New Catch Basins and Gutter Inlets on the project. Setting the frame and grate 1 time on the project is contained in the standard specifications. How will the contractor be compensated for temporary adjustments required for roadway drainage before placing the top course of pavement?

Response 56) See revised Proposal page B00420-8.

J.F. White Contracting Co., e-mail dated January 23, 2026

Question 57) The specification for the water pipe items states that “Gravel borrow required for water main bedding and to replace unsuitable bottom material for watermain bedding, as shown in the Drawings, shall be paid for under Item 151 Gravel Borrow.” Can you please confirm that the Gravel Borrow for the water pipe bedding will be paid under item 151 and not item 151.2-Gravel Borrow for Backfilling Structures and Pipes?

Response 57) Gravel Borrow for the water pipe bedding will be paid for under Item 151.

Question 58) The details for the subsurface infiltration systems on Sheet 140 show two manholes and one outlet control structure at each of the infiltration systems. Please confirm the pay items for these structures. The drain manholes are labeled DMH 5-52, 5-54, 7-31, and 7-35 on the drainage plans, but are not found in the drainage structure tables. The outlet control structures are labeled OCS-1 and OCS-3 and can be found in the drainage structure tables.

Response 58) See the responses to Question 45 and Question 46.

Question 59) Please provide a detail for Item 629.2 – Precast Concrete Median Barrier – Double Faced.

Response 59) Contractor shall refer to MassDOT Construction Standards dated October 2017 E 402.10.0 and E 402.11.0.

Question 60) The details for Channel Armoring and Rip Rap Armoring End Transition on Sheet 135 call for geotextile fabric for scour protection and for permanent erosion control beneath the dumped rip rap. Please clarify which item this geotextile fabric will be paid under.

Response 60) This item will be paid for under Item 698.3.

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Question 61) Regarding Item 998.103 – Specialty Services #3, please provide more information regarding the existing conduit feed for the existing lighting that will need to be replaced. Please also clarify where restoration of MBTA property, including the rip rap swale adjacent to the bituminous walk, is to be paid.

Response 61) The Contractor shall coordinate with MBTA/Keolis to field verify the existing conduit feed and associated lighting system to be replaced.

Restoration work within MBTA property shall be performed in coordination with and subject to review by MBTA/Keolis, with final approval by MassDOT. Grading restoration associated with light pole work shall be incidental to the respective specialty services item.

Restoration of the riprap swale shall be paid under the following items, as applicable:

- Item 120.1 – Unclassified Excavation
- Item 170. – Fine Grading and Compacting – Subgrade Area
- Item 258. – Stone for Pipe End
- The respective drainage structure and pipe items

Question 62) Regarding Item 998.105 – Specialty Services #5, please provide more information for the work required by the Contractor under this item. Please revise Utility Plan -3 to detail out the conduit, risers, manholes, handholes, frames and covers that are required for this item.

Response 62) Contractor shall coordinate with the MBTA/Keolis to confirm conduit, risers, manholes, handholes, frames and covers requirements. Materials required by the MBTA/Keolis to complete this work are reimbursed under Non-Bid item 999.860 Specialty Services.

Question 63) The cross section at STA 251+21.50 on Sheet 122 calls for the 12” water main to be installed with polywrap within 20’ of the 24” gas main. Please confirm that polywrap is only required for the water main within 20’ of the high-pressure gas main, not all gas mains. Please confirm that this is the only location of the high-pressure gas main within the contract limits.

Response 63) Polywrap of the water main near gas main crossings is only required for the water main within 20’ of the high pressure gas main. STA 251+21.50 is the only recorded location of the high pressure gas main within the contract limits.

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Question 64) The specifications for Item 810.1 – Fire Alarm Cable Removed and Discarded states that work under this item includes poles to be Removed and Reset as indicated on the plans. Please clarify which poles, if any, are to be removed and reset by the Contractor. It appears that all the poles called out on the plans to be R&R'd are called out as "By Others".

Response 64) No utility poles are to be removed and reset (R&R) under Item 810.1. Item 810.1 applies only to the removal and disposal of existing fire alarm cable attached to poles identified on the plans for R&R (by others). Pole removal and reset work will be performed by the utility owners.

Question 65) Please reference the "Typical Culvert Wall Penetration Detail" on plan sheet 235. Please provided the linear limits of the 26" diameter steel sleeves for the 18" CPP and the 18" RCP.

Response 65) See the revised Plans Sheet 235. The proposed steel sleeve limits shall be 24 inches long.

Question 66) Please reference the "Typical Culvert Wall Penetration Detail" on plan sheet 235. Please provided the linear limits of the 26" diameter steel sleeves for the 18" CPP and the 18" RCP. Please indicate what type of link seals are required for the CPP and the RCP at the limits of the steel sleeve.

Response 66) See the revised Special Provisions pages 366 and 367 and Plans Sheet 235. The proposed steel sleeve limits shall be 24 inches long. The callout for sealing the pipe has been revised to MODULAR PIPE SEALING SYSTEM. Special Provision for Item No. 997.01 has been updated to include a section for the Modular Pipe Sealing System with three fabricator options. The steel sleeve and pipe sealing system will be incidental to Item 997.01 Lump Sum.

E.T.& L. Corp., e-mail dated January 27, 2026

Question 67) The detail sheet for Item 813.812 calls for an Electric Service Riser Relocation at STA 211+57 LT. On the plans, this is called out as Specialty Services #2. Please confirm the intended bid item for this work.

Response 67) Item 813.812 ELECTRIC SERVICE RISER RELOCATION applies to the riser relocation at the permanent relocation of Pole #99. Item 998.102 SPECIALTY SERVICES #2 is for the relocation of the electric service riser to the commercial sign.

WILMINGTON
Federal Aid Project No. STP/CMQ/HSI-0034(030)X
Reconstruction on Route 38 (Main Street), from Route 62 to the Woburn C.L.
(608051-132406)

Questions and Responses

Addendum No. 5, January 29, 2026

Question 68) The specification for Item 813.812 – Electric Service Riser Relocation states that the item includes new conduit, wire, and handholes as required. Can more detail be provided on the plans showing the conduit and handholes required at each relocation?

Response 68) Conduit and handholes required for the electric service riser relocations shall conform to the latest edition of the National Electrical Code (NEC), Reading Municipal Light Department (RMLD) requirements, local codes, and applicable utility standards.

RMLD requirements can be found in the Electric Service Requirements Handbook (<https://www.rml.com/176/Service-Requirements-Handbook>). The Contractor shall coordinate directly with RMLD to determine specific service, conduit routing, and handhole requirements for each location. No additional plan details will be provided, as these installations are utility-driven and must conform to the serving utility's standards.

© Addendum No. 5, January 29, 2026

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⑤ Addendum No.5, January 29, 2026

NOTICE TO CONTRACTORS (Continued)

⑤

PRICE ADJUSTMENTS

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 \$625.00 per ton, Portland cement \$425.13 per ton, diesel fuel \$2.724 per gallon, and gasoline \$2.152 per gallon, and Steel Base Price Index 377.1 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.

BY: Phillip Eng, Interim MassDOT Secretary
Jonathan L. Gulliver, Undersecretary and Highway Administrator
SATURDAY, NOVEMBER 22, 2025

Addendum No. 5, January 29, 2026

"General Decision Number: MA20260021 01/02/2026

Superseded General Decision Number: MA20250021

State: Massachusetts

Construction Type: Highway

County: Middlesex County in Massachusetts.

HIGHWAY CONSTRUCTION PROJECTS

Modification Number	Publication Date
0	01/02/2026

ELEC0103-007 09/01/2025

	Rates	Fringes
ELECTRICIAN.....	\$ 66.17	37.08

ENGI0004-026 06/01/2025

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
Group 1.....	\$ 57.83	33.70
Group 2.....	\$ 57.18	33.70

FOOTNOTE FOR POWER EQUIPMENT OPERATORS:

A. PAID HOLIDAYS: New Year's Day, Washington's Birthday,
Labor Day, Memorial Day, Independence Day, Patriot's Day,
Columbus Day, Veteran's Day, Thanksgiving Day, Christmas Day

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

Group 1: Backhoe/Excavator/Trackhoe; Bobcat/Skid Steer/Skid
Loader; Broom/Sweeper; Gradall; Loader; Paver (Asphalt, Aggregate, and Concrete)
Group 2: Bulldozer; Grader/Blade; Milling Machine; Roller

Addendum No. 5, January 29, 2026

IRON0007-031 09/16/2025

	Rates	Fringes
IRONWORKER (ORNAMENTAL, REINFORCING, AND STRUCTURAL).....	\$ 57.87	37.67

LABO0039-002 06/01/2018

	Rates	Fringes
LABORER		
Asphalt, Includes Raker, Shoveler, Spreader and Distributor.....	\$ 33.50	22.92
Landscape.....	\$ 33.25	22.92

PAIN0035-023 07/01/2024

	Rates	Fringes
PAINTER (Steel).....	\$ 56.76	36.00

SUMA2014-011 01/11/2017

	Rates	Fringes
CARPENTER, Includes Form Work....	\$ 47.93	19.46
CEMENT MASON/CONCRETE FINISHER...	\$ 56.70	21.08
LABORER: Common or General.....	\$ 36.58	19.40
LABORER: Concrete Saw (Hand Held/Walk Behind).....	\$ 41.78	18.37
LABORER: Guardrail Installation.....	\$ 37.70	15.37

Addendum No. 5, January 29, 2026

OPERATOR: Crane.....	\$ 57.61	0.00
OPERATOR: Forklift.....	\$ 64.67	0.00
OPERATOR: Mechanic.....	\$ 48.14	17.02
OPERATOR: Piledriver.....	\$ 44.46	16.94
OPERATOR: Post Driver (Guardrail/Fences).....	\$ 41.49	23.07
PAINTER: Spray (Linestriping)....	\$ 40.87	13.86
PILEDRIVERMAN.....	\$ 45.65	23.33
TRAFFIC CONTROL: Flagger.....	\$ 23.00	20.44
TRAFFIC CONTROL: Laborer-Cones/ Barricades/Barrels - Setter/Mover/Sweeper.....	\$ 44.49	12.41
TRUCK DRIVER: Concrete Truck....	\$ 33.69	15.79
TRUCK DRIVER: Dump Truck.....	\$ 38.92	9.73
TRUCK DRIVER: Flatbed Truck.....	\$ 48.53	0.00

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this

Addendum No. 5, January 29, 2026

contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at <https://www.dol.gov/agencies/whd/government-contracts>.

Note: Executive Order 13658 generally applies to contracts subject to the Davis-Bacon Act that were awarded on or between January 1, 2015 and January 29, 2022, and that have not been renewed or extended on or after January 30, 2022. Executive Order 13658 does not apply to contracts subject only to the Davis-Bacon Related Acts regardless of when they were awarded. If a contract is subject to Executive Order 13658, the contractor must pay all covered workers at least \$13.30 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2025. The applicable Executive Order minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under Executive Order 13658 is available at www.dol.gov/whd/govcontracts.

Addendum No. 5, January 29, 2026

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (iii)).

The body of each wage determination lists the classifications and wage rates that have been found to be prevailing for the type(s) of construction and geographic area covered by the wage determination. The classifications are listed in alphabetical order under rate identifiers indicating whether the particular rate is a union rate (current union negotiated rate), a survey rate, a weighted union average rate, a state adopted rate, or a supplemental classification rate.

Union Rate Identifiers

A four-letter identifier beginning with characters other than "SU", "UAVG", ?SA?, or ?SC? denotes that a union rate was prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2024. PLUM is an identifier of the union whose collectively bargained rate prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2024 in the

Addendum No. 5, January 29, 2026

example, is the effective date of the most current negotiated rate.

Union prevailing wage rates are updated to reflect all changes over time that are reported to WHD in the rates in the collective bargaining agreement (CBA) governing the classification.

Union Average Rate Identifiers

The UAVG identifier indicates that no single rate prevailed for those classifications, but that 100% of the data reported for the classifications reflected union rates. EXAMPLE: UAVG-OH-0010 01/01/2024. UAVG indicates that the rate is a weighted union average rate. OH indicates the State of Ohio.

The next number, 0010 in the example, is an internal number used in producing the wage determination. The date, 01/01/2024 in the example, indicates the date the wage determination was updated to reflect the most current union average rate.

A UAVG rate will be updated once a year, usually in January, to reflect a weighted average of the current rates in the collective bargaining agreements on which the rate is based.

Survey Rate Identifiers

The ""SU"" identifier indicates that either a single non-union rate prevailed (as defined in 29 CFR 1.2) for this classification in the survey or that the rate was derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As a weighted average rate includes all rates reported in the survey, it may

Addendum No. 5, January 29, 2026

include both union and non-union rates. Example: SUFL2022-007
6/27/2024. SU indicates the rate is a single non-union prevailing rate or a weighted average of survey data for that classification. FL indicates the State of Florida. 2022 is the year of the survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 6/27/2024 in the example, indicates the survey completion date for the classifications and rates under that identifier.

?SU? wage rates typically remain in effect until a new survey is conducted. However, the Wage and Hour Division (WHD) has the discretion to update such rates under 29 CFR 1.6(c)(1).

State Adopted Rate Identifiers

The ""SA"" identifier indicates that the classifications and prevailing wage rates set by a state (or local) government were adopted under 29 C.F.R 1.3(g)-(h). Example: SAME2023-007 01/03/2024. SA reflects that the rates are state adopted. ME refers to the State of Maine. 2023 is the year during which the state completed the survey on which the listed classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 01/03/2024 in the example, reflects the date on which the classifications and rates under the ?SA? identifier took effect under state law in the state from which the rates were adopted.

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WAGE DETERMINATION APPEALS PROCESS

1) Has there been an initial decision in the matter? This can be:

- a) a survey underlying a wage determination
- b) an existing published wage determination
- c) an initial WHD letter setting forth a position on a wage determination matter
- d) an initial conformance (additional classification and rate) determination

On survey related matters, initial contact, including requests for summaries of surveys, should be directed to the WHD Branch of Wage Surveys. Requests can be submitted via email to davisbaconinfo@dol.gov or by mail to:

Branch of Wage Surveys
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

Regarding any other wage determination matter such as conformance decisions, requests for initial decisions should be directed to the WHD Branch of Construction Wage Determinations. Requests can be submitted via email to BCWD-Office@dol.gov or by mail to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

Addendum No. 5, January 29, 2026

2) If an initial decision has been issued, then any interested party (those affected by the action) that disagrees with the decision can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Requests for review and reconsideration can be submitted via email to dba.reconsideration@dol.gov or by mail to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210.

Addendum No. 5, January 29, 2026

"General Decision Number: MA20260006 01/02/2026

Superseded General Decision Number: MA20250006

State: Massachusetts

Construction Type: Heavy Dredging

Counties: Massachusetts Statewide.
STATEWIDE

Massachusetts All Dredging, except self-propelled hopper dredges, on the Atlantic Coast & tributary waters emptying into the Atlantic Ocean.

Modification Number	Publication Date
0	01/02/2026

ENGI0025-001 10/01/2024

STATEWIDE

	Rates	Fringes
Dredging:		
CLASS A1.....	\$ 47.07	15.34+a+b
CLASS A2.....	\$ 41.94	14.99+a+b
CLASS B1.....	\$ 40.71	14.90+a+b
CLASS B2.....	\$ 38.31	14.73+a+b
CLASS C1.....	\$ 37.26	14.66+a+b
CLASS C2.....	\$ 36.07	14.57+a+b
CLASS D.....	\$ 29.96	14.15+a+b

CLASSIFICATIONS:

CLASS A1: Deck Captain; Mechanical Dredge Operator, Leverman, Licensed Tug Operator over 1000 HP.

CLASS A2: Crane Operator (360 swing).

CLASS B1: Derrick Operator (180 swing), Spider/Spill Barge

Operator, Engineer, Electrician, Chief Welder, Chief Mate,

Addendum No. 5, January 29, 2026

Fill Placer, Operator II, Maintenance Engineer, Licensed Boat Operator, Licensed Crew Boat Operator.

CLASS B2: Certified Welder.

CLASS C1: Mate, Drag Barge Operator, Assistant Fill Placer, Welder, Steward.

CLASS C2: Boat Operator.

CLASS D: Oiler, Deckhand, Shoreman, Rodman, Scowman, Cook, Messman, Porter/Janitor.

INCENTIVE PAY: (Add to Hourly Rate)

Operator (NCCCO License/Certification) \$1.80 Licensed Tug

Operator over 1000 HP (Assigned as Master) (USCG licensed

Master of Towing Vessels (MOTV) \$1.80; Licensed Boat Operator (Assigned as lead boat captain) USCG licensed boat operator \$1.30; Engineer (QMED and Tankerman endorsement or licensed engineer (USCG) \$1.80 Oiler (QMED and Tankerman endorsement (USCG) \$1.80; All classifications (Tankerman endorsement only) USCG \$1.55; Deckhand or Mate (AB with Lifeboatman endorsement (USCG) \$1.80; All classifications (lifeboatman endorsement only (USCG) \$1.55; Welder (ABS certification) \$1.55

FOOTNOTES APPLICABLE TO ABOVE CRAFTS:

a. PAID HOLIDAYS: New Year's Day, Martin Luther King, Jr.'s Birthday, Memorial Day, Good Friday, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day and Christmas Day

b. VACATION: Eight percent (8%) of the straight time rate, multiplied by the total hours worked.

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

Addendum No. 5, January 29, 2026

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at <https://www.dol.gov/agencies/whd/government-contracts>.

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Addendum No. 5, January 29, 2026

renewed or extended on or after January 30, 2022. Executive Order 13658 does not apply to contracts subject only to the Davis-Bacon Related Acts regardless of when they were awarded.

If a contract is subject to Executive Order 13658, the contractor must pay all covered workers at least \$13.30 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing

on the contract in 2025. The applicable Executive Order minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections

under Executive Order 13658 is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within

the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses

(29CFR 5.5 (a) (1) (iii)).

The body of each wage determination lists the classifications and wage rates that have been found to be prevailing for the type(s) of construction and geographic area covered by the wage determination. The classifications are listed in alphabetical order under rate identifiers indicating whether the particular rate is a union rate (current union negotiated rate), a survey rate, a weighted union average rate, a state adopted rate, or a supplemental classification rate.

Addendum No. 5, January 29, 2026

Union Rate Identifiers

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Union Average Rate Identifiers

The UAVG identifier indicates that no single rate prevailed for those classifications, but that 100% of the data reported for the classifications reflected union rates. EXAMPLE: UAVG-OH-0010 01/01/2024. UAVG indicates that the rate is a weighted union average rate. OH indicates the State of Ohio. The next number, 0010 in the example, is an internal number used in producing the wage determination. The date, 01/01/2024

Addendum No. 5, January 29, 2026

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Addendum No. 5, January 29, 2026

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WAGE DETERMINATION APPEALS PROCESS

1) Has there been an initial decision in the matter? This can be:

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- c) an initial WHD letter setting forth a position on a wage determination matter
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Addendum No. 5, January 29, 2026

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Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

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Branch of Construction Wage Determinations
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U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

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Addendum No. 5, January 29, 2026

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

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Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210.

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END OF GENERAL DECISION

Addendum No. 5, January 29, 2026

"General Decision Number: MA20260008 01/02/2026

Superseded General Decision Number: MA20250008

State: Massachusetts

Construction Types: Heavy (Heavy and Marine)

Counties: Barnstable, Bristol, Dukes, Essex, Middlesex,
Nantucket, Norfolk, Plymouth and Suffolk Counties in
Massachusetts.

HEAVY AND MARINE CONSTRUCTION PROJECTS

Modification Number	Publication Date
0	01/02/2026

BOIL0029-001 01/01/2025

	Rates	Fringes
BOILERMAKER.....	\$ 50.62	28.82

BRMA0001-011 02/01/2023

FOXBORO CHAPTER

BRISTOL (Attleboro, Berkley, Dighton, Mansfield, North
Attleboro, Norton, Raynham, Rehoboth, Seekonk, Taunton);
NORFOLK, (Bellingham, Canton, Dedham, Foxboro, Franklin,
Norfolk, Norwood, Plainville, Sharon, Walpole, Westwood,
Wrentham); and PLYMOUTH (Lakeville)

	Rates	Fringes
Bricklayer/Cement Mason.....	\$ 60.35	34.40

Addendum No. 5, January 29, 2026

BRMA0001-012 02/01/2023

LOWELL CHAPTER

MIDDLESEX (Acton, Ashby, Ayer, Bedford, Billerica, Boxboro, Carlisle, Chemsford, Dracut, Dunstabale, Ft Devens, Groton, Littleton, Lowell, North Acton, Pepperell, Shirley, South Acton, Tewksbury, Townsend, Tyngsboro, West Acton, Westford, Wilmington)

	Rates	Fringes
BRICKLAYER.....	\$ 58.21	33.71

BRMA0001-013 08/01/2023

LOWELL CHAPTER

MIDDLESEX (Ashland, Framingham, Holliston, Hopkinton, Hudson, Maynard, Natick, Sherbourn, Stow); and NORFOLK (Medfield, Medway, Millis)

	Rates	Fringes
BRICKLAYER.....	\$ 62.40	34.40

BRMA0003-001 08/01/2024

	Rates	Fringes
Marble & Tile Finisher.....	\$ 49.32	35.26
Marble, Tile & Terrazzo		
Workers.....	\$ 64.52	37.51
TERRAZZO FINISHER.....	\$ 63.44	37.33

Addendum No. 5, January 29, 2026

BRMA0003-003 08/01/2024

BOSTON CHAPTER

MIDDLESEX (Arlington, Cambridge, Everett, Malden, Medford,
Melrose, Somerville); NORFOLK (Brookline, Milton); and
SUFFOLK

	Rates	Fringes
BRICKLAYER.....	\$ 64.50	37.54

BRMA0003-011 08/01/2024

LYNN CHAPTER

ESSEX (Amesbury, Andover, Beverly, Boxford, Danvers, Essex,
Georgetown, Gloucester, Groveland, Hamilton, Haverhill,
Ipswich, Lawrence, Lynn, Lynnfield, Manchester, Marblehead,
Merrimac, Methuen, Middleton, Nahant, Newbury, Newburyport,
North Andover, Peabody, Rockport, Rowley, Salisbury, Salem,
Saugus, Swampscott, Topsfield, Wakefield, Wenham, West
Newbury); and MIDDLESEX (North Reading, Reading, Wakefield)

	Rates	Fringes
Bricklayer/Cement Mason.....	\$ 64.50	37.54

BRMA0003-012 08/01/2024

	Rates	Fringes
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Addendum No. 5, January 29, 2026

BRICKLAYER

WALTHAM CHAPTER -
MIDDLESEX (Belmont,
Burlington, Concord,
Lexington, Lincoln,
Stoneham, Sudbury,
Waltham, Watertown,
Wayland, Weston,
Winchester, Woburn).....\$ 64.50 37.54

BRMA0003-014 08/01/2024

QUINCY CHAPTER

PLYMOUTH COUNTY (Abington, Bridgewater, Brockton, Carver,
Duxbury, East Bridgewater, Halifax, Hanover, Hanson,
Hingham,
Hull, Kingston, Marshfield, Middleboro, Norwell, Pembroke,
Plymouth, Rockland, Scituate, West Bridgewater, Whitman)

	Rates	Fringes
Bricklayer/Cement Mason.....	\$ 64.50	37.54

BRMA0003-025 08/01/2024

NEW BEDFORD CHAPTER

BARNSTABLE; BRISTOL (Acushnet, Dartmouth, Fairhaven, Fall
River,
Freetown, New Bedford, Somerset, Swansea, Westport); DUKES;
NANTUCKET; PLYMOUTH (Marion, Mattapoisett, Rochester,
Wareham)

	Rates	Fringes
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Addendum No. 5, January 29, 2026

Bricklayer/Cement Mason.....\$ 64.50 37.54

BRMA0003-033 08/01/2024

NEWTON CHAPTER

MIDDLESEX (Newton); NORFOLK (Dover, Needham, Wellesley)

Rates

Fringes

Bricklayer, Plasterer.....\$ 64.50 37.54

CARP0056-001 08/01/2024

All of SUFFOLK COUNTY; and those areas of BARNSTABLE,
BRISTOL,
ESSEX, MIDDLESEX, NORFOLK, and PLYMOUTH COUNTIES situated
INSIDE Boston Beltway (I-495) and North of Cape Cod Canal.
ALL
of DUKES and NANTUCKET COUNTIES

Rates

Fringes

PILEDRIVERMAN.....\$ 55.79 35.47

CARP0056-002 08/01/2024

The areas of BARNSTABLE, BRISTOL, PLYMOUTH, and NORFOLK
COUNTIES situated OUTSIDE Boston Beltway (I-495) and South
of
Cape Cod Canal

Rates

Fringes

PILEDRIVERMAN.....\$ 51.97 35.47

Addendum No. 5, January 29, 2026

CARP0056-003 08/01/2024

Those areas of ESSEX and MIDDLESEX COUNTIES situated
OUTSIDE
Boston Beltway (I-495)

	Rates	Fringes
FILEDRIVERMAN.....	\$ 49.19	35.47

CARP0056-004 08/01/2024

	Rates	Fringes
DIVER TENDER.....	\$ 61.70	35.47
DIVER.....	\$ 78.11	35.47

CARP0327-002 09/01/2025

MIDDLESEX (Belmont, Cambridge, Everett, Malden, Medford,
Somerville); NORFOLK (Brookline, Dedham, Milton); AND
SUFFOLK
COUNTIES

	Rates	Fringes
CARPENTER.....	\$ 61.19	31.55

CARP0339-002 09/01/2025

BRISTOL (Attleborough, North Attleborough); ESSEX;
MIDDLESEX
(Except Belmont, Cambridge, Everett, Malden, Medford,
Somerville); AND NORFOLK (Bellingham, Braintree, Canton,
Cohasset, Foxboro, Franklin, Medfield, Medway, Millis,
Needham, Norfolk, Norwood, Plainville, Quincy, Sharon,
Walpole,

Addendum No. 5, January 29, 2026

Wellesley, Westwood, Weymouth, Wrentham) COUNTIES

	Rates	Fringes
CARPENTER.....	\$ 50.10	31.45

CARP0346-001 09/01/2025

NORFOLK (Braintree, Quincy, Cohasset, Weymouth, etc.)
PLYMOUTH
(Duxbury, Hanover, Hull, Hingham, Marshfield, Norwell,
Pembroke
Rockland, Scituate)

	Rates	Fringes
CARPENTER.....	\$ 50.10	31.45

CARP0624-002 09/01/2017

DUKES; NANTUCKET

	Rates	Fringes
CARPENTER.....	\$ 46.43	28.35

CARP0624-006 09/01/2017

BARNSTABLE; BRISTOL (Except Attleboro & North Attleboro);
NORFOLK (Avon, Holbrook, Randolph, Stoughton); PLYMOUTH
(Bridgewater, Kingston, Lakeville, Middleboro, Plymouth, S.
Hanover, Whitman)

	Rates	Fringes
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CARPENTER.....\$ 39.28 27.90

CARP1121-001 04/21/2025

SUFFOLK COUNTY

Rates Fringes

MILLWRIGHT.....\$ 50.47 33.50

CARP1121-005 04/21/2025

BARNSTABLE, BRISTOL, DUKES, ESSEX, MIDDLESEX, NANTUCKET,
NORFOLK and PLYMOUTH COUNTIES

Rates Fringes

MILLWRIGHT.....\$ 45.03 33.25

ELEC0096-001 09/07/2025

MIDDLESEX (Ashby, Ashland, Ayer, Ft. Devens, Groton,
Hopkinton,
Hudson, Marlboro, Pepperell, Shirley, Stow, Townsend)

Rates Fringes

ELECTRICIAN.....\$ 48.16 36.20

Teledata System Installer.....\$ 36.12 34.51

ELEC0099-001 06/01/2025

BRISTOL (Attleboro, North Attleboro, Seekonk)

Rates Fringes

Addendum No. 5, January 29, 2026

ELECTRICIAN.....	\$ 56.11	44.10%
Teledata System Installer.....	\$ 42.09	10.45%+15.31

ELEC0103-002 09/01/2025

ESSEX (Amesbury, Andover, Boxford, Georgetown, Groveland,
Haverhill, Lawrence, Merrimac, Methuen, Newbury,
Newburyport,
North Andover, Rowley, Salisbury, West Newbury); MIDDLESEX
(Bedford, Billerica, Boxboro, Burlington, Carlisle,
Chelmsford,
Dracut, Dunstable littleton, Lowell, North Reading,
Tewksbury,
Tyngsboro, Westford, Wilmington)

	Rates	Fringes
ELECTRICIAN.....	\$ 66.17	37.08

ELEC0103-004 09/01/2025

ESSEX (Beverly, Danvers, Essex, Gloucester, Hamilton,
Ipswich,
Manchester, Marblehead, Middleton, Peabody, Rockport,
Salem,
Topsfield, Wenham)

	Rates	Fringes
ELECTRICIAN.....	\$ 66.17	37.08

ELEC0103-005 09/01/2025

Addendum No. 5, January 29, 2026

ESSEX (Lynn, Lynnfield, Nahant, Saugus, Swampscott);
 MIDDLESEX
 (Acton, Arlington, Belmont, Cambridge, Concord, Everett,
 Framingham, Holliston, Lexington, Lincoln, Malden, Maynard,
 Medford, Melrose, Natick, Newton, Reading, Sherborn,
 Somerville, Stoneham, Sudbury, Wakefield, Waltham,
 Watertown,
 Wayland, Weston, Winchester, Woburn); NORFOLK (Bellingham,
 Braintree, Brookline, Canton, Cohasset, Dedham, Dover,
 Foxboro,
 Franklino, Medfield, Medway, Millis, Milton, Needham,
 Norfolk,
 Norwood, Quincy, Sharon, Walpole, Wellesley, Westwood,
 Weymouth, Wrentham); PLYMOUTH (Hingham and Hull); SUFFOLK

	Rates	Fringes
ELECTRICIAN.....	\$ 66.17	37.08

ELEC0104-001 09/01/2024		

	Rates	Fringes
Line Construction:		
Cableman.....	\$ 58.41	30.19+A
Equipment Operator.....	\$ 49.65	26.72+A
Groundman.....	\$ 32.13	12.70+A
Lineman.....	\$ 58.41	30.19+A

A. PAID HOLIDAYS: New Year's Day; Memorial Day;
 Independence Day; Labor Day; Thanksgiving Day; Christmas
 Day and Columbus Day, provided the employee has been
 employed 5 working days prior to any one of the listed
 holidays.

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 ELEC0223-002 09/01/2024

BARNSTABLE, BRISTOL (Except Attleboro, North Attleboro,
 Seekonk); DUKES; NANTUCKET; PLYMOUTH (Except Hingham and
 Hull
 Twps); NORFOLK (Avon, Halbrook, Randolph, Sloughton)

	Rates	Fringes
ELECTRICIAN.....	\$ 50.02	31.09%+15.50

ENGI0004-009 06/01/2025

	Rates	Fringes
Power equipment operators:		
Group 1.....	\$ 57.83	33.70
Group 2.....	\$ 57.18	33.70
Group 3.....	\$ 37.02	33.70
Group 4.....	\$ 46.52	33.70
Group 5.....	\$ 25.02	33.70
Group 6.....	\$ 30.85	33.70

HOURLY PREMIUM FOR BOOM LENGTHS (Including Jib):

Over 150 ft.	+2.18
Over 185 ft.	+3.84
Over 210 ft.	+5.39
Over 250 ft.	+8.16
Over 295 ft.	+11.29
Over 350 ft.	+13.14

FOOTNOTE FOR POWER EQUIPMENT OPERATORS:

A. PAID HOLIDAYS: New Year's Day, Washington,s
 Birthday,
 Labor Day, Memorial Day, Independence Day, Patriot's Day,
 Columbus Day, Veteran's Day, Thanksgiving Day, Christmas
 Day

Addendum No. 5, January 29, 2026

POWER EQUIPMENT OPERATORS CLASSIFICATIONS [HEAVY
CONSTRUCTION]

GROUP 1: Power shovel; crane; truck crane; derrick; pile
driver; trenching machine; mechanical hoist pavement
breaker; cement concrete paver; dragline; hoisting
engine;

three drum machine; pumpcrete machine; loaders; shovel
dozer; front end loader; mucking machine; shaft hoist;
steam engine; backhoe; gradall; cable way; fork lift;
cherry picker; boring machine; rotary drill; post hole
hammer; post hole digger; asphalt plant on job site;
concrete batching and/or mixing plant on job site;

crusher

plant on job site; paving concrete mixer; timber jack

GROUP 2: Sonic or vibratory hammer; grader; scraper;
tandem

scraper; bulldozer; tractor; mechanic - maintenance; York
rake; mulching machine; paving screed machine; stationary
steam boiler; paving concrete finishing machine; grout
pump; portable steam boiler; portable steam generator;
roller; spreader; asphalt paver; locomotives or machines
used in place thereof; tamper (self propelled or
tractor-draw); cal tracks; ballast regulator; rail anchor
machine; switch tamper; tire truck

GROUP 3: Pumps (1-3 grouped); compressor; welding
machines

(1-3 grouped); generator; sighting plant; heaters (power
driven, 1- 5); syphon-pulsometer; concrete mixer; valves
controlling permanent plant air steam, conveyor,

wellpoint

system (operating)

GROUP 4: Assitant engineer (fireman)

GROUP 5: Oiler (other than truck cranes and gradalls)

GROUP 6: Oiler (on truck cranes and gradalls)

IRON0007-001 09/16/2025

Addendum No. 5, January 29, 2026

AREA 1: BRISTOL (Easton); ESSEX (Beverly, Gloucester, Lynn, Lynnfield, Manchester, Marblehead, Nahant, Rockport, Salem, Saugus, Swampscott); MIDDLESEX (Arlington, Bedford, Belmont, Burlington, Cambridge, Carlisle, Concord, Dunstable, Everett, Framingham, Lexington, Lincoln, Malden, Maynard, Medford, Melrose, Natick, Newton, Reading, Sherborn, Somerville, Stoneham, Sudbury, Wakefield, Waltham, Watertown, Wayland, Weston, Winchester, Woburn); NORFOLK (Except Medway); PLYMOUTH (Abington, Bridgewater, Brocton, Duxbury, East Bridgewater, Halifax, Hanover, Hanson, Hingham, Hull, Kingston, Marshfield, Norwell, Pembroke, Plymouth, Plympton, Rockland, Scituate, West Bridgewater, Whitman); SUFFOLK

AREA 2: ESSEX (Amesbury, Andover, Boxford, Danvers, Essex, Georgetown, Hamilton, Haverhill, Ipswich, Lawrence, Merrimac, Methuen, Newbury, Newburyport, North Andover, Rowley, Salisbury, Topsfield, Wenham, West Newbury); MIDDLESEX (Action, Billerica, Chelmsford, Dracut, Groton, Groveland, Littleton, Lowell, Middleton, North Reading, Pepperell, Tewksbury, Tyngsboro, Westford, Wilminton)

	Rates	Fringes
IRONWORKER		
AREA 1.....	\$ 57.87	37.67
AREA 2.....	\$ 53.46	37.67

IRON0007-010 09/16/2025		

Addendum No. 5, January 29, 2026

MIDDLESEX (Ashby, Ashland, Ayer, Boxboro, Holliston,
Hopkinton,
Hudson, Marlboro, Shirley, Stow, Townsend); NORFOLK
(Medway)

	Rates	Fringes
IRONWORKER.....	\$ 57.57	37.67

IRON0037-002 09/16/2025

BARNSTABLE; BRISTOL (Acushnet, Attleboro, Berkley,
Dartmouth,
Dighton, Fairhaven, Fall River, Freetown, Mansfield, New
Bedford, North Attleboro, Norton, Raynham, Rehoboth,
Seekonk,
Somerset, Swansea, Taunton, Westport); DUKES; NANTUCKET;
NORFOLK (Billingham, Franklin, Plainville, Wrentham);
PLYMOUTH
(Lakeville, Marion, Mattapoisett, Middleboro, Rochester,
Wareham)

	Rates	Fringes
IRONWORKER.....	\$ 43.03	33.53

LABO0022-006 12/01/2024

SUFFOLK COUNTY (Boston, Chelsea, Revere, Winthrop, Deer &
Nut
Islands); MIDDLESEX COUNTY (Arlington, Belmont, Burlington,
Cambridge, Everett, Malden, Medford, Melrose, Reading,
Somerville, Stoneham, Wakefield, Winchester, Winthrop and
Woburn only); NORFOLK COUNTY (Brookline, Dedham, and Milton
only)

Addendum No. 5, January 29, 2026

	Rates	Fringes
Laborers:		
GROUP 1.....	\$ 46.20	29.70
GROUP 2.....	\$ 46.20	29.70
GROUP 3.....	\$ 46.20	29.70
GROUP 4.....	\$ 46.20	29.70
GROUP 5.....	\$ 27.01	29.70
GROUP 6.....	\$ 46.20	29.70

LABORERS CLASSIFICATIONS

GROUP 1: Laborers; carpenter tenders; cement finisher
tenders

GROUP 2: Asphalt raker; fence and guard rail erector;
laser
beam operator; mason tender; pipelayer; pneumatic drill
operator; pneumatic tool operator; wagon drill operator

GROUP 3: Air track operator; block paver; rammer; curb
setter

GROUP 4: Blaster; powderman

GROUP 5: Flagger

GROUP 6: Asbestos Abatement; Toxic and Hazardous Waste
Laborers

LAB00022-012 12/01/2024

Counties of BARNSTABLE; BRISTOL; DUKES; ESSEX; NANTUCKET;
PLYMOUTH; MIDDLESEX (With the exception of Arlington,
Belmont,
Burlington, Cambridge, Everett, Malden, Melrose, Reading,
Somerville, Stoneham, Wakefield, Winchester, Winthrop and
Woburn); NORFOLK (With the exception of Brookline, Dedham,
and
Milton)

Addendum No. 5, January 29, 2026

	Rates	Fringes
Laborers:		
GROUP 1.....	\$ 38.95	29.70
GROUP 2.....	\$ 38.95	29.70
GROUP 3.....	\$ 38.95	29.70
GROUP 4.....	\$ 38.95	29.70
GROUP 5.....	\$ 27.01	29.70
GROUP 6.....	\$ 46.10	29.70

LABORERS CLASSIFICATIONS

GROUP 1: Laborers; carpenter tenders; cement finisher
tenders

GROUP 2: Asphalt raker; fence and guard rail erector;
laser
beam operator; mason tender; pipelayer; pneumatic drill
operator; pneumatic tool operator; wagon drilloperator

GROUP 3: Air track operator; block paver; rammer; curb
setter; hydraulic & similar self powere drills

GROUP 4: Blaster; powderman

GROUP 5: Flagger

GROUP 6: Asbestos Abatement; Toxic and Hazardous Waste
Laborers

LABO0022-013 12/01/2024

Rates	Fringes
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Addendum No. 5, January 29, 2026

Laborers:

(FREE AIR OPERATION):

SHIELD DRIVEN AND LINER
PLATE IN FREE AIR)

GROUP 1.....\$ 50.50 29.70

GROUP 2.....\$ 50.50 29.70

(OPEN AIR CASSONS,
UNDERPINNING AND TEST
BORING INDUSTRIES):

TEST BORING & WELL DRILLING

Driller.....\$ 50.20 29.70

Laborer.....\$ 46.20 29.70

(OPEN AIR CASSONS,
UNDERPINNING AND TEST
BORING INDUSTRIES):OPEN AIR CASSON,
UNDERPINNING WORK & BORING
CREW

Bottom man.....\$ 47.35 29.70

Laborers; Top man.....\$ 46.20 29.70

(TUNNELS, CAISSON &
CYLINDER WORK IN
COMPRESSED AIR)

GROUP 1.....\$ 47.95 29.70

GROUP 2.....\$ 58.43 29.70

GROUP 3.....\$ 58.43 29.70

GROUP 4.....\$ 58.43 29.70

GROUP 5.....\$ 58.43 29.70

GROUP 6.....\$ 58.43 29.70

CLEANING CONCRETE AND
CAULKING TUNNEL (Both New
& Existing)

GROUP 1.....\$ 50.50 29.70

GROUP 2.....\$ 50.50 29.70

ROCK SHAFT, CONCRETE
LINING OF SAME AND TUNNEL
IN FREE AIR

Addendum No. 5, January 29, 2026

GROUP 1.....	\$ 47.95	29.70
GROUP 2.....	\$ 50.50	29.70
GROUP 3.....	\$ 50.50	29.70
GROUP 4.....	\$ 50.50	29.70
GROUP 5.....	\$ 52.50	29.70

LABORERS CLASSIFICATIONS for TUNNELS, CAISSON & CYLINDER
WORK

IN COMPRESSED AIR

GROUP 1: Powder watchman; Top man on iron bolt; change
house
attendant

GROUP 2: Brakeman; trackman; groutman; tunnel laborer;
outside lock tender; lock tender; guage tender

GROUP 3: Motorman, miner

GROUP 4: Blaster

GROUP 5: Mucking machine operator

GROUP 6: Hazardous Waste work within the ""HOT"" zone.
(A
premium of two dollars \$2.00 per hour over the basic wage
rate.

LABORERS CLASSIFICATIONS for (FREE AIR OPERATION): SHIELD
DRIVEN AND LINER PLATE IN FREE AIR

GROUP 1: Miner; miner welder; conveyor operator;
motorman;
mucking machine operator; nozzle man; grout man-; pumps,
shaft and tunnel steel and rodman; shield and erector arm
operators, mole nipper, outside motorman, burner, TBM
operator, safety miner; laborer topside; heading
motormen;
erecting operators; top signal men

Addendum No. 5, January 29, 2026

GROUP 2: Brakeman; trackman

LABORERS CLASSIFICATIONS FOR CLEANING CONCRETE AND
CAULKING

TUNNEL (Both New & Existing)

GROUP 1: Concrete workers; strippers and form movers
(wood &
steel), cement finisher

GROUP 2: Form erector (wood & steel and all accessories)

LABORERS CLASSIFICATIONS for ROCK SHAFT, CONCRETE LINING
OF

SAME AND TUNNEL IN FREE AIR

GROUP 1: Change house attendants

GROUP 2: Laborers, topside, bottom men (when heading is
50
ft. from shaft) and all other laborers

GROUP 3: Brakeman; trackman; tunnel laborers; shaft
laborers

GROUP 4: Miner; cage tender; bellman

GROUP 5: Hazardous Waste work within the "HOT" zone.
(A

premium of two dollars \$2.00 per hour over the basic wage
rate)

Addendum No. 5, January 29, 2026

FOOTNOTE FOR LABORERS:

A. PAID HOLIDAYS: New Year's Day, Washington's Birthday, Patriot's Day, Memorial Day, Independence Day, Labor Day, Columbus Day, Veteran's Day, Thanksgiving Day, and Christmas Day

LABO1421-001 12/02/2024

WRECKING LABORERS:

	Rates	Fringes
Laborers: (Wrecking)		
Group 1.....	\$ 46.25	29.70
Group 2.....	\$ 47.00	29.70
Group 3.....	\$ 47.25	29.70
Group 4.....	\$ 42.25	29.70
Group 5.....	\$ 45.35	29.70
Group 6.....	\$ 46.25	29.70

Group 1: Adzeman, Wrecking Laborer.

Group 2: Burners, Jackhammers.

Group 3: Small Backhoes, Loaders on tracks, Bobcat Type Loaders, Hydraulic "Brock" Type Hammer Operators, Concrete

Cutting Saws.

Group 4: Yardman (Salvage Yard Only).

Group 5: Yardman, Burners, Sawyers.

Group 6: Asbestos, Lead Paint, Toxic and Hazardous Waste.

PAIN0035-001 07/01/2024

Addendum No. 5, January 29, 2026

BARNSTABLE BRISTOL; DUKES; ESSEX; NANTUCKET; PLYMOUTH
(Remainder of NORFOLK; MIDDLESEX AND SUFFOLK COUNTIES)

	Rates	Fringes
PAINTER		
NEW CONSTRUCTION:		
Bridge.....	\$ 50.36	30.25
Brush, Taper.....	\$ 39.86	30.25
Spray, Sandblast.....	\$ 41.26	30.25
REPAINT:		
Bridge.....	\$ 56.76	36.00
Brush, Taper.....	\$ 37.92	30.25
Spray, Sandblast.....	\$ 39.32	30.25

PAIN0035-015 07/01/2024

MIDDLESEX (Cambridge, Everett, Malden, Medford,
Sommerville)
SUFFOLK COUNTY (Boston, Chelsea) NORFOLK COUNTY (Brookline)

	Rates	Fringes
PAINTER		
NEW CONSTRUCTION:		
Brush, Taper.....	\$ 46.26	36.00
Spay, Sandblast.....	\$ 47.66	36.00
Spray, Sandblast.....	\$ 47.05	30.25
REPAINT:		
Bridge.....	\$ 56.76	36.00
Brush, Taper.....	\$ 44.32	36.00
Spray, Sandblast.....	\$ 45.72	36.00

PLAS0534-001 07/01/2024

ESSEX; MIDDLESEX; NORFOLK AND SUFFOLK COUNTY

Addendum No. 5, January 29, 2026

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 49.19	40.86

PLUM0004-001 09/01/2025		

MIDDLESEX (Ashby, Ayer-West of Greenville branch of Boston and
Maine Railroad, Ft. Devens, Groton, Shirley, Townsend)

	Rates	Fringes
Plumbers and Pipefitters.....	\$ 55.00	31.57

PLUM0012-001 03/02/2025		

ESSEX (Ames, Andover, Beverly, Boxford, Byfield, Danvers, Essex, Georgetown, Gloucester, Groveland, Hamilton, Haverhill, Ipswich, Lawrence, Manchester, Marblehead, Merrimac, Methuen, Middleton, Newbury, Newburyport, North Andover, Peabody, Rockport, Rowley, Salem, Salisbury, Topsfield, Wenham, West Newbury)

	Rates	Fringes
PLUMBER.....	\$ 69.84	36.43

PLUM0012-003 03/02/2025		

ESSEX (Ames, Andover, Beverly, Boxford, Byfield, Danvers, Essex, Georgetown, Gloucester, Groveland, Hamilton, Haverhill, Ipswich, Lawrence, Manchester, Marblehead, Merrimac, Methuen,

Middleton, Newbury, Newburyport, North Andover, Peabody,
 Rockport, Rowley, Salem, Salisbury, Topsfield, Wenham, West
 Newbury)

	Rates	Fringes
Plumber, Pipefitter, Steamfitter.....	\$ 69.84	36.43

PLUM0012-006 03/02/2025

ESSEX (Lynn, Lynnfield, Nahant, Saugus, and Swampscott);
 MIDDLESEX (Acton, Arlington, Ashland, Ayer - except W. of
 Greenville Branch of Boston & Maine RR, Bedford, Belmont,
 Billerica, Boxboro, Burlington, Cambridge, Carlisle,
 Chelmsford, Concord, Dracut, Dunstable, Everett,
 Framingham,
 Hudson, Holliston, Hopkinton, Lexington, Lincoln,
 Littleton,
 Lowell, Malden, Marlboro, Maynard, Medford, Melrose,
 Natick,
 Newton, North Reading, Pepperell, Reading, Sherborn,
 Somerville, Stoneham, Stow, Sudbury, Tewksbury, Tyngsboro,
 Wakefield, Waltham, Watertown, Wayland, Westford,
 Wilmington,
 Winchester, Woburn); NORFOLK (Bellingham, Braintree,
 Brookline, Canton, Cohasset, Dedham, Dover, Foxboro,
 Franklin,
 Medfield, Medway, Millis, Milton, Needham, Norfolk,
 Norwood,
 Plainville, Quincy, Sharon, Walpole, Wellesley, Westwood,
 Weymouth, Wrentham); PLYMOUTH (Hingham, Hull, Scituate);
 SUFFOLK

	Rates	Fringes
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Addendum No. 5, January 29, 2026

PLUMBER.....\$ 69.84 36.43

PLUM0051-005 08/26/2024

BARNSTABLE; BRISTOL; DUKES; NANTUCKET; NORFOLK (Avon,
Holbrook,
Randolph, Stoughton) PLYMOUTH (Remainder of County)

Rates Fringes

Plumbers and Pipefitters.....\$ 52.49 33.60

PLUM0537-001 03/01/2025

MIDDLESEX (Arlington, Cambridge, Everett, Malden, Medford,
Melrose, Reading, Wakefield, Winchester and Woburn);
NORFOLK
(Bellingham, Braintree, Brookline, Canton Cashasset,
Dedham,
Foxboro, Franklin, Millis, Milton, Sharon, Walpole,
Westwood,
and Wrentham); PLYMOUTH (Hingham, Hull, Scituate); ESSEX
(Ames,
Andover, Beverly, Boxford, Byfield, Danvers, Essex,
Georgetown,
Gloucester, Groveland, Hamilton, Haverhill, Ipswich,
Lawrence, Lynn, Lynnfield, Manchester, Marblehead, Merrimac,
Methuen, Middleton, Nahant, Newbury, Newburyport, North
Andover, Peabody, Rockport, Rowley, Salem, Salisbury,
Saugus,
Swampscott, Topsfield, Wenham, West Newbury)

Rates Fringes

PIPEFITTER.....\$ 66.58 39.22

TEAM0379-001 06/01/2025

	Rates	Fringes
Truck drivers:		
Group 1.....	\$ 40.78	37.35+a+b
Group 2.....	\$ 40.95	37.35+a+b
Group 3.....	\$ 41.02	37.35+a+b
Group 4.....	\$ 41.14	37.35+a+b
Group 5.....	\$ 41.24	37.35+a+b
Group 6.....	\$ 41.53	37.35+a+b
Group 7.....	\$ 41.82	37.35+a+b

POWER TRUCKS \$.25 DIFFERENTIAL BY AXLE

TUNNEL WORK (UNDERGROUND ONLY) \$.40 DIFFERENTIAL BY AXLE

HAZARDOUS MATERIALS (IN HOT ZONE ONLY) \$2.00 PREMIUM

TRUCK DRIVERS CLASSIFICATIONS

Group 1: Station wagons; panel trucks; and pickup trucks

Group 2: Two axle equipment; & forklift operator

Group 3: Three axle equipment and tireman

Group 4: Four and Five Axle equipment

Group 5: Specialized earth moving equipment under 35 tons

other than conventional type trucks; low bed; vachual;
mechanics, paving restoration equipment

Group 6: Specialized earth moving equipment over 35 tons

Group 7: Trailers for earth moving equipment (double hookup)

FOOTNOTES:

A. PAID HOLIDAYS: New Year's Day, Washington's Birthday,
Memorial Day, Independence Day, Labor Day, Patriot's Day,
Columbus Day, Veteran's Day, Thanksgiving Day and
Christmas Day

B. PAID VACATION: Employees with 4 months to 1 year of service receive 1/2 day's pay per month; 1 week vacation for 1 - 5 years of service; 2 weeks vacation for 5 - 10 years of service; and 3 weeks vacation for more than 10 years of service

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO

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is available at
<https://www.dol.gov/agencies/whd/government-contracts>.

Note: Executive Order 13658 generally applies to contracts subject to the Davis-Bacon Act that were awarded on or between January 1, 2015 and January 29, 2022, and that have not been renewed or extended on or after January 30, 2022. Executive Order 13658 does not apply to contracts subject only to the Davis-Bacon Related Acts regardless of when they were awarded.

If a contract is subject to Executive Order 13658, the contractor must pay all covered workers at least \$13.30 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2025. The applicable Executive Order minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under Executive Order 13658 is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (iii)).

The body of each wage determination lists the classifications and wage rates that have been found to be prevailing for the type(s) of construction and geographic area covered by the wage

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determination. The classifications are listed in alphabetical order under rate identifiers indicating whether the particular rate is a union rate (current union negotiated rate), a survey rate, a weighted union average rate, a state adopted rate, or a supplemental classification rate.

Union Rate Identifiers

A four-letter identifier beginning with characters other than "SU", "UAVG", ?SA?, or ?SC? denotes that a union rate was prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2024. PLUM is an identifier of the union whose collectively bargained rate prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2024 in the example, is the effective date of the most current negotiated rate.

Union prevailing wage rates are updated to reflect all changes over time that are reported to WHD in the rates in the collective bargaining agreement (CBA) governing the classification.

Union Average Rate Identifiers

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The UAVG identifier indicates that no single rate prevailed for those classifications, but that 100% of the data reported for the classifications reflected union rates. EXAMPLE: UAVG-OH-0010 01/01/2024. UAVG indicates that the rate is a weighted union average rate. OH indicates the State of Ohio.

The next number, 0010 in the example, is an internal number used in producing the wage determination. The date, 01/01/2024 in the example, indicates the date the wage determination was updated to reflect the most current union average rate.

A UAVG rate will be updated once a year, usually in January, to reflect a weighted average of the current rates in the collective bargaining agreements on which the rate is based.

Survey Rate Identifiers

The ""SU"" identifier indicates that either a single non-union rate prevailed (as defined in 29 CFR 1.2) for this classification in the survey or that the rate was derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As a weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SUFL2022-007 6/27/2024. SU indicates the rate is a single non-union prevailing rate or a weighted average of survey data for that classification. FL indicates the State of Florida. 2022 is the year of the survey on which these classifications and rates are

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based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 6/27/2024 in the example, indicates the survey completion date for the classifications and rates under that identifier.

?SU? wage rates typically remain in effect until a new survey is conducted. However, the Wage and Hour Division (WHD) has the discretion to update such rates under 29 CFR 1.6(c)(1).

State Adopted Rate Identifiers

The ""SA"" identifier indicates that the classifications and prevailing wage rates set by a state (or local) government were adopted under 29 C.F.R 1.3(g)-(h). Example: SAME2023-007 01/03/2024. SA reflects that the rates are state adopted. ME refers to the State of Maine. 2023 is the year during which the state completed the survey on which the listed classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 01/03/2024 in the example, reflects the date on which the classifications and rates under the ?SA? identifier took effect under state law in the state from which the rates were adopted.

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WAGE DETERMINATION APPEALS PROCESS

1) Has there been an initial decision in the matter? This can be:

- a) a survey underlying a wage determination
- b) an existing published wage determination
- c) an initial WHD letter setting forth a position on a wage determination matter
- d) an initial conformance (additional classification and rate) determination

On survey related matters, initial contact, including requests for summaries of surveys, should be directed to the WHD Branch of Wage Surveys. Requests can be submitted via email to davisbaconinfo@dol.gov or by mail to:

Branch of Wage Surveys
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

Regarding any other wage determination matter such as conformance decisions, requests for initial decisions should be directed to the WHD Branch of Construction Wage Determinations. Requests can be submitted via email to BCWD-Office@dol.gov or by mail to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

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2) If an initial decision has been issued, then any interested party (those affected by the action) that disagrees with the decision can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Requests for review and reconsideration can be submitted via email to dba.reconsideration@dol.gov or by mail to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210.

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END OF GENERAL DECISION

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<u>ITEM 375.08</u>	<u>8 INCH INSERTION VALVE AND BOX</u>	<u>EACH</u>
⑤ <u>ITEM 375.10</u>	<u>10 INCH INSERTION VALVE AND BOX</u>	<u>EACH</u>
<u>ITEM 375.12</u>	<u>12 INCH INSERTION VALVE AND BOX</u>	<u>EACH</u>

The work under these items shall include furnishing and installing a new insertion valve, valve box, and appurtenant materials and equipment, as required and specified herein.

Insertion valves shall have an EPDM-molded resilient wedge seal. The resilient wedge seal will be affixed into a reinforced nylon composite polymer valve cartridge. The entire assembly shall be inert and impervious to corrosion and designed for use in potable water. Insertion valves shall have a stainless steel body with a working pressure of 250 psi. Insertion valve must be capable of working on cast iron or ductile iron pipe. The design will allow the valve to be installed into an existing pressurized pipeline while maintaining constant pressure and service as usual. All insertion valves must be hydrostatically pressure tested to 1.25 times of the system operating pressure (minimum) or 1.5 times of the insertion valves 250 psig maximum pressure rating. The test shall be sustained for a minimum of 15 minutes. Once the pressure test is effectively achieved the insertion valve body must not be moved in accordance with AWWA Standards. If the insertion valve body is moved the pressure test must be completed again. Any movement, repositioning, loosening, and/or re-tightening must be retested before the pipe is tapped.

Traditional line tapping methods shall be used for the installation of all insertion valves to allow removal of a single coupon for system evaluation. Reaming the pipe, complete removal of a section of pipe (top and bottom), or milling a slot in the pipe shall be prohibited.

Gate box shall be as specified under Item 350.

METHOD OF MEASUREMENT

- ⑤ Items 375.08, 375.10 Item 375.12 will be measured for payment respectively by the Each insertion valves and gate boxes installed.

BASIS OF PAYMENT

- ⑤ Items 375.08, 375.10 Item 375.12 will be paid for at the respective contract unit prices per Each, which prices shall include all labor, equipment, tools, all material, including excavation and backfilling, valve box and cover, and incidental costs required to complete the work.

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ITEM 745.**PEDESTRIAN BUS SHELTER****EACH**

The work under this item shall conform to the relevant provisions of Sections M7 and M8 of the Standard Specifications, the February 2025 MBTA Bus Stop Design Guide accessed at <https://cdn.mbta.com/sites/default/files/2025-02/2025-02-bus-stop-design-guide.pdf>, and the following.

The work under this item consists of installing a pedestrian bus shelter with bench at the MBTA bus stop location indicated in the plans,

Construction Methods

⑤

Bus shelters shall be similar to the following models and options from the following manufacturers: Pedestrian bus shelter shall be Model 54186-00S without solar panels, lighting, or advertising panel, as manufactured by Tolar Manufacturing, or Slimline Flat Roof Bus Stop Shelter, five feet wide by twelve feet long as manufactured by Brasco International, or Transit Shelter with Classic Roof, approximately five feet wide by 12 feet long as manufactured by Duo-Gard. Pedestrian bus shelter shall be supplied with signage in accordance with the MBTA Bus Stop Design Guide and shall be supplied with a bench that is approximately half the length between posts. Side and back panels shall be 3/8-inch clear tempered glass. There shall be a minimum of five feet clearance in front of the shelter. Bus shelter shall be in accordance with MBTA Bus Stop Design Guide.

Bus shelter frame structure footprint dimensions shall be within 3 inches of the dimensions provided in the Typical MBTA Bus Shelter depicted in the *MBTA Bus Stop Design Guide*.

Bus shelter shall be installed with anchor mountings. Bus shelter shall be mounted to a concrete pad. The frame of the bus shelter shall be constructed of aluminum or Schedule 40 steel pipe (2-3/8" O.D. x 0.154" thick wall (60.3mm x 3.9mm). The bus shelter shall have cantilevered side walls such that posts or columns for the shelter are not present along the front side of the shelter facing the street. A bench more than 5 feet in length shall be provided in one corner along the backside of the interior of the bus shelter. The finish shall be factory baked Triglycidyl isocyanurate (TGIC) powder, a polyester coating. Contractor shall provide color samples to the Town prior to purchasing. The bus shelters shall have wall panels made of safety glass. Bus shelters are to carry a one year manufacturer's limited warranty against defects in materials and workmanship.

METHOD OF MEASUREMENT

Pedestrian Bus Shelters will be measured for payment by each, complete in place including bench.

BASIS OF PAYMENT

Pedestrian Bus Shelters will be paid for at the Contract unit price per each, which price shall include all labor, materials, equipment and incidental costs required to complete the work including any bench(es) within the shelter.

Excavation for and construction of the cement concrete pad will be included under the costs of the cement concrete sidewalk, gravel borrow, and unclassified excavation.

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ITEM 997.01**SPECIAL DRAINAGE STRUCTURE NO. 1****LUMP SUM**

The work under this Item shall conform to the relevant provisions of Subsection 995 of the Standard Specifications and the specific requirements stipulated below for the component parts of this Item. For those component parts where no specific requirement is stipulated, the Standard Specifications shall apply except for payment.

Work under this Item shall include all materials, equipment and labor needed to construct the following:

- Cast-in-place concrete headwalls and wingwalls
- Steel reinforcement
- 4'-0" W x 3'-0" H precast concrete box culvert at approximately Sta. 217+87
- Natural Streambed Material
- Damp-proofing

⑤ The work does not include any items listed separately in the proposal. Payment for materials shown on the Plans as being part of this culvert structure or which may be incidental to its construction and are not specifically included for payment under another Item shall be considered incidental to the work performed under this Item and shall be included in the unit price of the component for which they are a part. The proposed pipe sleeves and modular pipe sealing systems at the two drainage pipe penetrations at the proposed wingwalls will be considered incidental to the cast in place concrete for the wingwalls.

Work shall include removal and disposal of existing culvert and existing headwalls, installing new culvert and new headwall. Removal and disposal of existing culvert & headwalls shall be paid under Items 141 & 144.

Existing utility locations shall be verified in the field prior to starting this work. The Contractor shall provide the Engineer with a plan showing existing utility locations and elevations prior to undertaking this work.

The Contractor shall dig test pits to verify the dimensions of the existing culvert prior to ordering the material. All costs shall be incidental and be paid for under the lump sum price.

The Contractor is responsible for accommodating the proposed utility work for the gas line and the water line to be placed below the drainage structure as shown on the Plans. The Contractor shall coordinate all work activity with the respective utility owners and shall adhere to the utility owner's standards for the work to be performed.

Excavation and shoring for trench excavation required for the gas relocation on each side of the culvert shall be coordinated with the gas company, performed a day in advance, and plated to allow the gas company to install the gas sleeve with the new plastic gas line and fittings.

All work associated with steel plating required for this coordination shall be performed in accordance with Item 953.1. All costs shall be considered incidental and included in the respective lump sum items.

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ITEM 997.01 (Continued)

The work to be done under these headings shall conform to the relevant provisions of Section 901, supplemented and amended as follows:

All concrete shall be placed in the dry.

All concrete shall be 5000 PSI, 3/4 INCH, 685 HP CEMENT CONCRET.

Included in the work are the furnishing and installing of preformed fillers and other items incidental to the furnishing and placing of concrete. All other work covered in the Schedule of Basis for Partial Payments or for which payment is not provided elsewhere in the contract shall be considered as included in the unit price per cubic yard of concrete, as stated by the Contractor and approved by the Engineer, in the respective "Basis for Partial Payment".

⑤

MODULAR PIPE SEALING SYSTEM

The work under this item shall consist of furnishing and installing a modular pipe sealing system at the proposed drainage pipe penetrations through the proposed wingwalls at the Special Drainage Structure No. 1. The modular pipe sealing system may be one of the following systems, or an approved equivalent:

- Link Seal
- Pipesel
- Innerlynx

The modular pipe sealing system should be recommended based upon the application and type of pipe, and installed per the manufacturer's recommendations.

NATURAL STREAMBED MATERIAL

The work under this heading shall consist of installation of natural streambed material within the bottom of the culvert to provide a natural streambed for aquatic organisms. The natural streambed construction material is to be placed within the bottom 12" of the culvert with baffles on each end, as depicted on the plans.

The intent of this item is to ensure a natural streambed within the culvert, to provide fisheries and wildlife habitat enhancement as part of the wetland replication area and natural wetlands. The natural streambed material shall be comprised of the stones 4 inches and under, that shall meet the following gradation:

Sieve opening	Percent by Mass Passing Through
4"	95
2"	55 – 65
3/4"	30 – 45
#4	0 – 5

Partially angular rock is preferred over round and shall be able to lock together to prevent movement during high flows. Crushed Stone will not be accepted for any components. The inlet/outlet elevations of the proposed culvert shall match the proposed plans.

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⑤

ITEM 201. CATCHBASIN

Sta.			
	207+20 LT	209+83 RT	316+45 RT
	213+20 LT	210+98 LT	316+56 LT
	213+69 LT	213+20 RT	317+29 RT
	216+96 LT	213+47 RT	212+45 LT
	224+46 LT	214+57 RT	226+92 RT
	238+04 LT	216+97 RT	237+98 RT
	235+83 RT	218+20 LT	240+70 LT
	231+22 LT	218+20 RT	240+70 RT
	231+22 RT	218+38 LT	239+17 LT
	238+35 LT	219+36 LT	239+23 RT
	254+09 LT	219+36 RT	275+19 RT
	254+31 LT	221+32 RT	293+90 LT
	287+05 LT	227+01 LT	212+38 RT
	287+33 LT	238+33 RT	211+02 RT
	275+19 LT	235+78 LT	214+57 LT
	274+91 LT	233+57 LT	218+47 RT
	274+92 RT	233+62 RT	277+50 RT
	271+91 LT	254+11 RT	279+28 RT
	273+49 LT	250+80 RT	284+69 RT
	277+50 LT	249+57 RT	285+92 RT
	291+52 RT	248+70 RT	
	291+85 LT	245+72 LT	
	292+83 LT	245+85 RT	
	294+88 LT	254+31 RT	
	296+73 LT	256+58 RT	
	298+21 LT	258+42 RT	
	298+57 LT	261+09 RT	
	299+85 RT	263+60 RT	
	299+86 LT	252+39 RT	
	299+87 LT	269+12 RT	
	299+88 LT	271+93 RT	
	299+89 LT	273+49 RT	
	299+90 LT	292+89 RT	
	299+91 RT	294+86 RT	
	299+92 LT	296+74 RT	
	299+93 LT	298+21 RT	
	299+94 RT	298+57 RT	
	299+95 RT	301+68 LT	
	281+28 RT	297+90 LT	
	268+89 RT	303+96 RT	
	281+24 LT	305+80 RT	
	294+87 LT	311+07 RT	
	314+06 RT	314+52 LT	
	209+83 LT	315+62 RT	

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ITEM 201. (Continued)

⑤

287+05	RT
287+35	RT
269+92	RT
270+86	RT
313+89	RT
315+14	RT
209+25	RT

Overdepth CBs to be measured and paid based on a standard unit depth of 6.5'

ITEM 201.7 **CATCH BASIN- DOUBLE GRATE**

Sta. 314+27	LT
314+27	RT
312+17	LT
314+53	RT

⑤

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ITEM 202. **MANHOLE**

212+44 LT	254+21 LT
212+43 RT	275+71 LT
211+08 RT	277+47 LT
209+83 LT	279+23 LT
211+00 LT	281+24 LT
213+20 LT	282+92 LT
213+46 LT	284+59 LT
214+59 LT	285+87 LT
213+67 LT	287+02 LT
209+89 RT	287+31 LT
213+68 RT	275+23 LT
217+78 LT	274+98 LT
217+00 RT	272+11 LT
218+19 LT	271+84 LT
218+39 LT	271+84 RT
219+34 LT	270+02 RT
221+32 RT	269+12 RT
226+89 RT	273+52 LT
225+97 LT	291+85 RT
224+51 LT	292+89 RT
223+27 LT	294+86 RT
226+11 RT	296+73 RT
238+07 RT	298+21 RT
235+83 RT	298+57 RT
233+64 RT	299+85 RT
231+22 RT	301+72 RT
238+39 RT	293+83 LT
240+60 RT	297+93 RT
238+63 RT	304+02 RT
252+38 RT	305+29 RT
250+88 RT	305+85 RT
249+60 RT	306+10 RT
248+70 RT	307+68 RT
247+77 RT	311+15 LT
245+86 RT	312+17 LT
254+20 RT	317+32 LT
255+38 RT	314+52 LT
256+57 RT	315+02 LT
258+41 RT	315+60 LT
259+89 RT	316+48 LT
261+09 RT	318+57 LT
263+55 RT	318+52 LT
254+20 LT	313+63 RT
254+21 RT	318+77 LT
	314+06 LT

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⑤

ITEM 202.5 **MANHOLE (5 FT DIAMETER)**

Sta. 238+29	RT	313+13	LT
239+24	RT	314+27	LT
294+11	RT		
304+05	RT		
318+90	LT		

ITEM 203.2 **CURB COVER AND FRAME**

Sta. 234+55	LT
Sta. 274+40	LT

ITEM 203.6 **OUTLET CONTROL STRUCTURE**

Sta. 270+89	RT
305+40	RT
313+80	RT

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ITEM 204. GUTTER INLET

⑤

226+18.6 LT
 281+30.16 LT
 314+01.08 RT
 281+28.49 RT

ITEM 205.21 SUBSURFACE INFILTRATION SYSTEM NO. 1

Sta. 270+50

ITEM 205.22 SUBSURFACE INFILTRATION SYSTEM NO. 2

Sta. 314+50

ITEM 220. DRAINAGE STRUCTURE ADJUSTED

Sta. 203+96	RT.	Sta. 212+45	LT.
203+99	LT.	221+32	LT.
205+68	RT.	223+33	RT.
205+88	RT.	224+69	RT.
207+16	LT.	226+20	RT.
211+78	RT.	241+33	LT.
211+86	RT.	303+94	LT.
211+97	RT.	304+74	LT.
212+42	RT.	318+99	RT.

⑤ As required for drainage structures within the roadway for final paving.

ITEM 220.3 DRAINAGE STRUCTURE CHANGE IN TYPE

Sta. 226+08 LT
 247+76 LT
 275+71 LT

ITEM 220.5 DRAINAGE STRUCTURE REMODELED

Sta. 207+19 LT
 223+20 LT
 224+75 RT
 299+84.37 RT

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ITEM 244.12 12 INCH REINFORCED CONCRETE PIPE CLASS V

Sta.	305+28.59	to	304+04.15	287+03.75	to	287+01.16
	305+39.60		305+28.59	287+31.80		287+30.55
	209+83.26		211+00.13	294+86.33		294+85.59
	213+68.60		213+66.78	212+33.70		212+43.79
	218+46.95		218+39.42	270+89.26		271+82.51
	233+64.32		235+83.23	240+69.72		240+60.33
	235+83.23		238+07.09	248+69.94		248+69.65
	240+60.33		239+24.07	275+18.58		275+22.64
	245+86.46		247+76.84	274+91.22		274+97.60
	261+08.47		259+88.33	287+29.93		287+30.55
	258+42.06		258+41.19	273+47.95		273+51.06
	271+91.81		271+83.09	273+48.37		273+51.06
	277+48.86		277+46.66	297+89.35		297+91.95
	307+66.95		306+09.60	271+83.09		270+00.71
	305+83.82		305+83.82	238+62.93		238+62.78
	298+56.19		298+56.19	317+27.98		317+31.19
	298+19.73		298+19.83	314+04.81		314+26.16
	292+88.61		292+88.26	313+12.81		313+63.33
	311+13.79		312+16.68	226+07.95		225+97.32
	312+16.68		313+12.04	279+22.89		279+22.97
	212+44.94		212+44.37	307+66.26		307+66.95
	231+21.98		233+64.32	239+24.07		238+62.93
	259+88.33		258+41.19	287+00.12		287+01.16
	298+56.19		298+56.19	240+70.21		240+60.33
	281+27.70		281+22.92	318+52.09		318+74.39
	284+63.57		284+58.47	209+24.66		
⑤	285+87.37		285+85.93	Breed Avenue - (2) 12"		
				209+85.28		
	314+25.94		314+26.16			
	271+90.55		271+83.09			

ITEM 244.15 15 INCH REINFORCED CONCRETE PIPE CLASS V

Sta.	306+09.60	to	305+92.90
	212+43.79		212+44.37
	258+41.19		256+57.15
	212+41.96		212+43.79
	238+38.58		238+28.57
	238+07.09		238+28.57
	256+57.15		255+37.54
	294+85.59		296+72.71
	255+37.54		254+30.57
	238+28.57		238+16.47
	212+44.37		213+19.88
	213+19.88		213+46.38

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ITEM 244.18 18 INCH REINFORCED CONCRETE PIPE CLASS V

Sta. 301+71.50	to	304+01.52
254+20.43		254+21.11
254+30.57		254+20.67
254+21.11		253+91.64
277+46.66		275+70.48

ITEM 244.24 24 INCH REINFORCED CONCRETE PIPE CLASS V

Sta. 304+04.15	to	304+47.55
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ITEM 258. STONE FOR PIPE ENDS

Sta. 238+18	LT
275+72	RT
238+63	RT
252+38	LT
304+48	RT
Breed Ave	
Breed Ave	
238+48	
217+86	LT
217+87	RT
208+25	RT (MBTA Swale)

⑤

ITEM 302.12 12 INCH DUCTILE IRON WATER PIPE (RUBBER GASKET)

Sta. 205+47	RT.	to	Sta. 259+21	RT.
270+70	RT.		293+98	RT.
241+85	LT.		241+92	LT.
242+54	RT.		242+54	LT.
306+25	RT.		306+22	RT.

ITEM 303.06 6 INCH DUCTILE IRON WATER PIPE (MECHANICAL JOINT)

Sta. 205+94	LT.	to	Sta. 206+08	LT.
217+10	LT.		217+17	LT.
220+35	LT.		220+36	LT.
223+83	LT.		223+84	LT.
229+97	RT.		229+97	RT.
233+86	RT.		233+86	RT.
235+11	RT.		235+11	RT.
250+58	RT.		250+58	RT.
274+75	RT.		274+75	RT.
280+95	RT.		280+95	RT.
287+16	RT.		287+16	RT.

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ITEM 371.10**10 INCH COUPLING**

Sta. 228+51 LT
305+00 RT

ITEM 371.12**12 INCH COUPLING**

Sta. 205+47 LT
241+81 LT
242+54 RT
259+21 RT
270+70 RT
293+94 RT
306+28 RT

ITEM 373.12**12 INCH WATER PIPE INSULATION**

Sta. 251+05 to Sta. 251+35

ITEM 374.**ALUMINUM JACKET AND PIPE INSULATION FOR EXPOSED PIPE**

Sta. 253+43 to Sta. 254+16

ITEM 374.24**24 INCH DUCTILE IRON PIPE CASING FOR WATER PIPE**

Sta. 217+81 to Sta. 217+93
275+62 275+79

ITEM 375.08**8 INCH INSERTION VALVE AND BOX**

Sta. 205+64 LT

⑤

ITEM 375.10**10 INCH INSERTION VALVE AND BOX**

Sta. 31+03 LT

ITEM 375.12**12 INCH INSERTION VALVE AND BOX**

Sta. 204+98 LT
241+39 LT

Project # 608051		Contract # 132406		
Location : WILMINGTON				
Description : Reconstruction on Route 38 (Main Street), from Route 62 to the Woburn C.L.				
ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
181.14	10	DISPOSAL OF HAZARDOUS WASTE AT _____ PER TON		
182.1	1	INSPECTION AND TESTING FOR ASBESTOS AT _____ LUMP SUM		
182.2	250	REMOVAL OF ASBESTOS AT _____ PER FOOT		
183.1	180,000	TREATMENT OF CONTAMINATED GROUNDWATER AT _____ PER GALLON		
183.2	3,700	DISPOSAL OF GRANULAR ACTIVATED CARBON AT _____ PER POUND		
184.1	5	DISPOSAL OF TREATED WOOD PRODUCTS AT _____ PER TON		
201.	128	CATCH BASIN AT _____ EACH		
201.7	4	CATCH BASIN - DOUBLE GRATE AT _____ EACH		
202.	91	MANHOLE AT _____ EACH		

⑤ Items 201.9 and 202.2 have been removed.

Project # 608051		Contract # 132406		
Location : WILMINGTON				
Description : Reconstruction on Route 38 (Main Street), from Route 62 to the Woburn C.L.				
ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
202.5	7	MANHOLE (5 FT DIAMETER) AT _____ EACH		
203.2	2	CURB COVER AND FRAME AT _____ EACH		
203.6	3	OUTLET CONTROL STRUCTURE AT _____ EACH		
204.	4	GUTTER INLET AT _____ EACH		
205.21	1	SUBSURFACE INFILTRATION SYSTEM NO. 1 AT _____ LUMP SUM		
205.22	1	SUBSURFACE INFILTRATION SYSTEM NO. 2 AT _____ LUMP SUM		
220.	239	DRAINAGE STRUCTURE ADJUSTED AT _____ EACH		
220.3	3	DRAINAGE STRUCTURE CHANGE IN TYPE AT _____ EACH		
220.5	4	DRAINAGE STRUCTURE REMODELED AT _____ EACH		

Project # 608051		Contract # 132406		
Location : WILMINGTON				
Description : Reconstruction on Route 38 (Main Street), from Route 62 to the Woburn C.L.				
ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
220.7	10	SANITARY STRUCTURE ADJUSTED AT _____ EACH		
220.8	2	SANITARY STRUCTURE REMODELED AT _____ EACH		
221.	105	FRAME AND COVER AT _____ EACH		
222.1	122	FRAME AND GRATE - MASSDOT CASCADE TYPE AT _____ EACH		
223.1	40	FRAME AND GRATE (OR COVER) REMOVED AND STACKED AT _____ EACH		
224.12	119	12 INCH HOOD AT _____ EACH		
227.3	35	REMOVAL OF DRAINAGE STRUCTURE SEDIMENT AT _____ PER CUBIC YARD		
227.31	100	REMOVAL OF DRAINAGE PIPE SEDIMENT AT _____ PER FOOT		
227.4	36	MASONRY PLUG AT _____ PER SQUARE FOOT		

Project # 608051		Contract # 132406		
Location : WILMINGTON				
Description : Reconstruction on Route 38 (Main Street), from Route 62 to the Woburn C.L.				
ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
234.12	2,250	12 INCH DRAINAGE PIPE - OPTION AT _____ PER FOOT		
234.15	1,350	15 INCH DRAINAGE PIPE - OPTION AT _____ PER FOOT		
234.18	1,600	18 INCH DRAINAGE PIPE - OPTION AT _____ PER FOOT		
234.24	400	24 INCH DRAINAGE PIPE - OPTION AT _____ PER FOOT		
235.12	3	12 INCH DRAINAGE PIPE FLARED END - OPTION AT _____ EACH		
235.15	2	15 INCH DRAINAGE PIPE FLARED END - OPTION AT _____ EACH		
238.10	20	10 INCH DUCTILE IRON PIPE AT _____ PER FOOT		
238.12	1,400	12 INCH DUCTILE IRON PIPE AT _____ PER FOOT		
241.36	10	36 INCH REINFORCED CONCRETE PIPE CLASS III AT _____ PER FOOT		

Project # 608051		Contract # 132406		
Location : WILMINGTON				
Description : Reconstruction on Route 38 (Main Street), from Route 62 to the Woburn C.L.				
ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
244.12	3,550	12 INCH REINFORCED CONCRETE PIPE CLASS V AT _____ PER FOOT		
244.15	900	15 INCH REINFORCED CONCRETE PIPE CLASS V AT _____ PER FOOT		
244.18	500	18 INCH REINFORCED CONCRETE PIPE CLASS V AT _____ PER FOOT		
244.24	180	24 INCH REINFORCED CONCRETE PIPE CLASS V AT _____ PER FOOT		
252.18	30	18 INCH CORRUGATED PLASTIC PIPE AT _____ PER FOOT		
258.	250	STONE FOR PIPE ENDS AT _____ PER SQUARE YARD		
302.12	6,200	12 INCH DUCTILE IRON WATER PIPE (RUBBER GASKET) AT _____ PER FOOT		
303.06	200	6 INCH DUCTILE IRON WATER PIPE (MECHANICAL JOINT) AT _____ PER FOOT		
303.08	300	8 INCH DUCTILE IRON WATER PIPE (MECHANICAL JOINT) AT _____ PER FOOT		

Project # 608051		Contract # 132406		
Location : WILMINGTON				
Description : Reconstruction on Route 38 (Main Street), from Route 62 to the Woburn C.L.				
ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
303.10	300	10 INCH DUCTILE IRON WATER PIPE (MECHANICAL JOINT) AT _____ PER FOOT		
303.12	2,500	12 INCH DUCTILE IRON WATER PIPE (MECHANICAL JOINT) AT _____ PER FOOT		
309.	22,000	DUCTILE IRON FITTINGS FOR WATER PIPE AT _____ PER POUND		
309.12	185	12 INCH MECHANICAL RESTRAINED JOINT AT _____ EACH		
347.075	80	3/4 INCH COPPER TUBING TYPE K AT _____ PER FOOT		
347.1	1,300	1 INCH COPPER TUBING TYPE K AT _____ PER FOOT		
347.2	30	2 INCH COPPER TUBING TYPE K AT _____ PER FOOT		
350.06	11	6 INCH GATE AND GATE BOX AT _____ EACH		
350.08	6	8 INCH GATE AND GATE BOX AT _____ EACH		

Project # 608051		Contract # 132406		
Location : WILMINGTON				
Description : Reconstruction on Route 38 (Main Street), from Route 62 to the Woburn C.L.				
ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
350.10	1	10 INCH GATE AND GATE BOX AT _____ EACH		
350.12	17	12 INCH GATE AND GATE BOX AT _____ EACH		
353.1	21	GATE AND GATE BOX REMOVED AND DISPOSED AT _____ EACH		
358.	25	GATE BOX ADJUSTED AT _____ EACH		
363.075	2	3/4 INCH CORPORATION COCK AT _____ EACH		
363.1	64	1 INCH CORPORATION COCK AT _____ EACH		
363.2	1	2 INCH CORPORATION COCK AT _____ EACH		
367.08	4	8 INCH CAST IRON PLUG AT _____ EACH		
367.10	4	10 INCH CAST IRON PLUG AT _____ EACH		

Project # 608051		Contract # 132406		
Location : WILMINGTON				
Description : Reconstruction on Route 38 (Main Street), from Route 62 to the Woburn C.L.				
ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
367.12	6	12 INCH CAST IRON PLUG AT _____ EACH		
371.08	7	8 INCH COUPLING AT _____ EACH		
371.10	2	10 INCH COUPLING AT _____ EACH		
371.12	7	12 INCH COUPLING AT _____ EACH		
373.12	30	12 INCH WATER PIPE INSULATION AT _____ PER FOOT		
374.	70	ALUMINUM JACKET AND PIPE INSULATION FOR EXPOSED PIPE AT _____ PER FOOT		
374.24	35	24 INCH DUCTILE IRON PIPE CASING FOR WATER PIPE AT _____ PER FOOT		
375.08	1	8 INCH INSERTION VALVE AND BOX AT _____ EACH		
375.10	1	10 INCH INSERTION VALVE AND BOX AT _____ EACH		

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Project # 608051		Contract # 132406		
Location : WILMINGTON				
Description : Reconstruction on Route 38 (Main Street), from Route 62 to the Woburn C.L.				
ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
375.12	2	12 INCH INSERTION VALVE AND BOX AT _____ EACH		
376.	11	HYDRANT AT _____ EACH		
377.	11	HYDRANT REMOVED AND DISPOSED AT _____ EACH		
381.	43	SERVICE BOX AT _____ EACH		
381.3	21	SERVICE BOX ADJUSTED AT _____ EACH		
384.	64	CURB STOP AT _____ EACH		
386.	1	TEMPORARY WATER MAIN BY-PASS SYSTEM AT _____ LUMP SUM		
402.	4,172	DENSE GRADED CRUSHED STONE FOR SUB-BASE AT _____ PER CUBIC YARD		
415.2	14,500	PAVEMENT FINE MILLING AT _____ PER SQUARE YARD		

Project # 608051		Contract # 132406		
Location : WILMINGTON				
Description : Reconstruction on Route 38 (Main Street), from Route 62 to the Woburn C.L.				
ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
431.	20	HIGH EARLY STRENGTH CEMENT CONCRETE BASE COURSE AT _____ PER SQUARE YARD		
440.	153,000	CALCIUM CHLORIDE FOR ROADWAY DUST CONTROL AT _____ PER POUND		
443.	189	WATER FOR ROADWAY DUST CONTROL AT _____ PER 1000 GALLONS		
450.231	5,100	SUPERPAVE SURFACE COURSE - 12.5 POLYMER (SSC - 12.5 - P) AT _____ PER TON		
450.311	5,200	SUPERPAVE INTERMEDIATE COURSE - 12.5 POLYMER (SIC -12.5 - P) AT _____ PER TON		
450.32	5,200	SUPERPAVE INTERMEDIATE COURSE - 19.0 (SIC - 19.0) AT _____ PER TON		
450.42	9,400	SUPERPAVE BASE COURSE - 37.5 (SBC - 37.5) AT _____ PER TON		
451.	2,620	HMA FOR PATCHING AT _____ PER TON		
452.	14,150	ASPHALT EMULSION FOR TACK COAT AT _____ PER GALLON		

Project # 608051		Contract # 132406		
Location : WILMINGTON				
Description : Reconstruction on Route 38 (Main Street), from Route 62 to the Woburn C.L.				
ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
453.	34,500	HMA JOINT ADHESIVE AT _____ PER FOOT		
470.3	2,900	HOT MIX ASPHALT BERM, TYPE A - MODIFIED AT _____ PER FOOT		
472.	3,850	TEMPORARY ASPHALT PATCHING AT _____ PER TON		
477.2	7,350	MILLED RUMBLE STRIP (TYPE C) AT _____ PER FOOT		
482.5	5,000	SAWCUTTING ASPHALT PAVEMENT FOR BOX WIDENING AT _____ PER FOOT		
506.	9,750	GRANITE CURB TYPE VB - STRAIGHT AT _____ PER FOOT		
506.1	810	GRANITE CURB TYPE VB - CURVED AT _____ PER FOOT		
509.	975	GRANITE TRANSITION CURB FOR PEDESTRIAN CURB RAMPS - STRAIGHT AT _____ PER FOOT		
509.1	970	GRANITE TRANSITION CURB FOR PEDESTRIAN CURB RAMPS - CURVED AT _____ PER FOOT		

Project # 608051		Contract # 132406		
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Description : Reconstruction on Route 38 (Main Street), from Route 62 to the Woburn C.L.				
ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
514.	48	GRANITE CURB INLET - STRAIGHT AT _____ EACH		
580.	2,050	CURB REMOVED AND RESET AT _____ PER FOOT		
594.	1,300	CURB REMOVED AND DISCARDED AT _____ PER FOOT		
596.	26	CURB CORNER REMOVED AND DISCARDED AT _____ EACH		
620.12	2,080	GUARDRAIL, TL-2 (SINGLE FACED) AT _____ PER FOOT		
620.131	900	GUARDRAIL, DEEP POST (SINGLE FACED) AT _____ PER FOOT		
620.32	76	GUARDRAIL - CURVED, TL-2 (SINGLE FACED) AT _____ PER FOOT		
627.1	15	TRAILING ANCHORAGE AT _____ EACH		
627.82	8	GUARDRAIL TANGENT END TREATMENT, TL-2 AT _____ EACH		

Project # 608051		Contract # 132406		
Location : WILMINGTON				
Description : Reconstruction on Route 38 (Main Street), from Route 62 to the Woburn C.L.				
ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
628.21	1	TRANSITION TO NCHRP 350 GUARDRAIL AT _____ EACH		
628.24	3	TRANSITION TO BRIDGE RAIL AT _____ EACH		
628.305	9	TEMPORARY IMPACT ATTENUATOR, NON-REDIRECTIVE, TL-3 AT _____ EACH		
628.312	2	PERMANENT IMPACT ATTENUATOR, REDIRECTIVE, TL-2 AT _____ EACH		
628.39	1	TEMPORARY IMPACT ATTENUATOR, BI-DIRECTIONAL, REDIRECTIVE (TL-3) AT _____ EACH		
628.4	15	TEMPORARY IMPACT ATTENUATOR, REMOVED AND RESET AT _____ EACH		
629.2	382	PRECAST CONCRETE MEDIAN BARRIER - DOUBLE FACED AT _____ PER FOOT		
630.	380	HIGHWAY GUARD REMOVED AND RESET AT _____ PER FOOT		
630.2	3,500	HIGHWAY GUARD REMOVED AND DISCARDED AT _____ PER FOOT		

Project # 608051		Contract # 132406		
Location : WILMINGTON				
Description : Reconstruction on Route 38 (Main Street), from Route 62 to the Woburn C.L.				
ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
634.1	1	THRIE BEAM GUARD PANEL AT _____ EACH		
644.196	800	96 INCH CHAIN LINK FENCE (SPRING TENSION WIRE) VINYL COATED (LINE POST OPTION) AT _____ PER FOOT		
650.096	40	96 INCH CHAIN LINK GATE WITH GATE POSTS AT _____ PER FOOT		
657.	775	TEMPORARY FENCE AT _____ PER FOOT		
657.5	390	TEMPORARY FENCE REMOVED AND RESET AT _____ PER FOOT		
666.	375	CHAIN LINK FENCE REMOVED AND RESET AT _____ PER FOOT		
669.	290	FENCE REMOVED AND STACKED AT _____ PER FOOT		
693.	180	REMOVE AND STACK BALANCE STONE WALL AT _____ PER FOOT		
697.	420	SEDIMENTATION FENCE AT _____ PER FOOT		

Project # 608051		Contract # 132406		
Location : WILMINGTON				
Description : Reconstruction on Route 38 (Main Street), from Route 62 to the Woburn C.L.				
ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
697.1	160	SILT SACK AT _____ EACH		
698.3	100	GEOTEXTILE FABRIC FOR SEPARATION AT _____ PER SQUARE YARD		
698.31	68	GEOTEXTILE FABRIC FOR TEMPORARY SOIL PROTECTION AT _____ PER SQUARE YARD		
701.	6,600	CEMENT CONCRETE SIDEWALK AT _____ PER SQUARE YARD		
701.1	2,300	CEMENT CONCRETE SIDEWALK AT DRIVEWAYS AT _____ PER SQUARE YARD		
701.2	350	CEMENT CONCRETE PEDESTRIAN CURB RAMP AT _____ PER SQUARE YARD		
702.	1,300	HOT MIX ASPHALT SIDEWALK OR DRIVEWAY AT _____ PER TON		
706.1	5	BRICK WALK REMOVED AND RELAID AT _____ PER SQUARE YARD		
706.7	38	POROUS STONE PAVING AT _____ PER SQUARE FOOT		

Project # 608051		Contract # 132406		
Location : WILMINGTON				
Description : Reconstruction on Route 38 (Main Street), from Route 62 to the Woburn C.L.				
ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
707.8	2	STEEL BOLLARD AT _____ EACH		
711.	5	BOUND REMOVED AND RESET AT _____ EACH		
715.	25	RURAL MAIL BOX REMOVED AND RESET AT _____ EACH		
720.	208	REMOVE AND RESET BOULDER AT _____ EACH		
722.1	1	SCHEDULE OF OPERATIONS (TYPE A) - FIXED PRICE \$145,000 AT One Hundred Forty Five Thousand Dollars LUMP SUM	\$145,000.00	\$145,000.00
740.	66	ENGINEER'S FIELD OFFICE AND EQUIPMENT (TYPE A) AT _____ PER MONTH		
745.	1	PEDESTRIAN BUS SHELTER AT _____ EACH		
748.	1	MOBILIZATION AT _____ LUMP SUM		
748.1	4	EMERGENCY RESPONSE AT _____ EACH		

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Description : Reconstruction on Route 38 (Main Street), from Route 62 to the Woburn C.L.				
ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
751.	1,600	LOAM FOR ROADSIDES AT _____ PER CUBIC YARD		
751.1	240	LOAM FOR LAWNS AT _____ PER CUBIC YARD		
751.7	100	COMPOST BLANKET AT _____ PER CUBIC YARD		
755.35	1	INLAND WETLAND REPLICATION AREA AT _____ LUMP SUM		
755.45	330	WETLAND RESTORATION AT _____ PER SQUARE YARD		
755.75	46	WETLAND SPECIALIST AT _____ PER HOUR		
755.76	1	WETLANDS MONITORING REPORTS AT _____ LUMP SUM		
756.	1	NPDES STORMWATER POLLUTION PREVENTION PLAN AT _____ LUMP SUM		
758.1	1	INFILTRATION BASIN AT _____ LUMP SUM		

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Location : WILMINGTON				
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ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
765.	11,250	SEEDING AT _____ PER SQUARE YARD		
765.21	15	ANNUAL COVER CROP FOR NATIVE SEEDING AT _____ PER POUND		
765.411	15	SHORT GRASSLAND SEED MIX AT _____ PER POUND		
765.451	15	PART SHADE ROADSIDE SEED MIX AT _____ PER POUND		
765.554	20	WETLAND SEED - SEASONALLY FLOODED MIX AT _____ PER POUND		
765.635	3,600	NATIVE SEEDING AND ESTABLISHMENT AT _____ PER SQUARE YARD		
767.121	11,800	SEDIMENT CONTROL BARRIER AT _____ PER FOOT		
767.122	200	SEDIMENT BARRIER - COIR LOG AT _____ PER FOOT		
767.9	720	JUTE MESH AT _____ PER SQUARE YARD		

Project # 608051		Contract # 132406		
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ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
769.	3,300	PAVEMENT MILLING MULCH UNDER GUARD RAIL AT _____ PER FOOT		
775.141	3	LINDEN - AMERICAN - REDMOND 2-2.5 INCH CALIPER AT _____ EACH		
776.524	3	MAPLE - RED - ARMSTRONG 2-2.5 INCH CALIPER AT _____ EACH		
776.543	6	MAPLE - RED - 'OCTOBER GLORY' 2-2.5 INCH CALIPER AT _____ EACH		
777.136	1	OAK - PIN 1-1.5 INCH CALIPER AT _____ EACH		
777.231	5	OAK - SCARLET 1-1.5 INCH CALIPER AT _____ EACH		
777.242	2	OAK - SCARLET 2-2.5 INCH CALIPER AT _____ EACH		
778.425	1	CRABAPPLE - IVORY SPEAR 1.5 - 2 INCH CALIPER AT _____ EACH		
783.053	6	SHAD TREE- SERVICEBERRY 4-5 FEET MULTI-STEMMED AT _____ EACH		

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ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
783.337	5	TULIP TREE 1-1.5 INCH CALIPER AT _____ EACH		
783.441	4	TULIP TREE 2-2.5 INCH CALIPER AT _____ EACH		
789.333	5	BAYBERRY SHRUB - NORTHERN 2-3 FEET / #3 AT _____ EACH		
790.633	9	DOGWOOD - REDOSIER 2-3 FEET / #3 AT _____ EACH		
790.721	15	DOGWOOD - GRAY 2-3 FEET / #3 AT _____ EACH		
794.332	15	SUMAC SHRUB - FRAGRANT 2-3 FEET / #3 AT _____ EACH		
794.803	15	SWEETFERN #1 AT _____ EACH		
795.011	5	VIBURNUM - NORTHERN ARROWWOOD 2-3 FEET/#3 AT _____ EACH		
795.012	15	VIBURNUM - ARROWWOOD 2-3 FEET / #3 AT _____ EACH		

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ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
796.447	20	LITTLE BLUESTEM - THE BLUES 1 GALLON AT _____ EACH		
796.457	20	SWITCH GRASS - CLOUD NINE 1 GALLON AT _____ EACH		
796.459	13	SWITCH GRASS - SHENANDOAH 1 GALLON AT _____ EACH		
801.412	7,100	4 INCH ELECTRICAL CONDUIT - TYPE NM (12 BANK) AT _____ PER FOOT		
801.414	330	4 INCH ELECTRICAL CONDUIT - TYPE NM (14 BANK) AT _____ PER FOOT		
801.416	275	4 INCH ELECTRICAL CONDUIT - TYPE NM (16 BANK) AT _____ PER FOOT		
801.42	275	4 INCH ELECTRICAL CONDUIT - TYPE NM (DOUBLE) AT _____ PER FOOT		
801.44	230	4 INCH ELECTRICAL CONDUIT - TYPE NM (4 BANK) AT _____ PER FOOT		
804.3	1,500	3 INCH ELECTRICAL CONDUIT TYPE NM - PLASTIC -(UL) AT _____ PER FOOT		

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ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
810.1	7,000	FIRE ALARM CABLE REMOVED AND DISCARDED AT _____ PER FOOT		
811.22	2	ELECTRIC HANDHOLE - SD2.022 AT _____ EACH		
811.31	21	PULL BOX 12 X 12 INCHES - SD2.031 AT _____ EACH		
811.35	1	PULL BOX ADJUSTED AT _____ EACH		
811.38	1	ELECTRIC HANDHOLE REMOVED AND RESET AT _____ EACH		
811.391	8	ELECTRIC HANDHOLE REMOVED AND DISCARDED AT _____ EACH		
813.811	10	PRIVATE TELECOMMUNICATION SERVICE RISER RELOCATION AT _____ EACH		
813.812	5	ELECTRIC SERVICE RISER RELOCATION AT _____ EACH		
815.1	1	TRAFFIC CONTROL SIGNAL LOCATION NO. 1 AT _____ LUMP SUM		

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ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
816.02	1	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 2 AT _____ LUMP SUM		
816.03	1	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 3 AT _____ LUMP SUM		
816.04	1	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 4 AT _____ LUMP SUM		
816.81	1	TEMPORARY TRAFFIC CONTROL SIGNAL AT _____ LUMP SUM		
816.82	1	TEMPORARY TRAFFIC CONTROL SIGNAL LOCATION 2 AT _____ LUMP SUM		
816.83	1	TEMPORARY TRAFFIC SIGNAL RECONSTRUCTION - RETIMING LOCAL SIGNALS AT _____ LUMP SUM		
821.72	1	LIGHT POLE AND LUMINAIRE REMOVED AND STACKED AT _____ EACH		
825.101	2	RRFB (2-POST ASSEMBLY SYSTEM-AC-POWERED) AT _____ EACH		
831.11	480	ROADSIDE GUIDE SIGN (MA-D1-XX) - ALUMINUM PANEL (TYPE A) AT _____ PER SQUARE FOOT		

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Location : WILMINGTON				
Description : Reconstruction on Route 38 (Main Street), from Route 62 to the Woburn C.L.				
ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
832.	580	WARNING-REGULATORY AND ROUTE MARKER - ALUMINUM PANEL (TYPE A) AT _____ PER SQUARE FOOT		
833.7	26	DELINEATION FOR GUARD RAIL TERMINI AT _____ EACH		
841.11	9	SUPPORT FOR GUIDE SIGN (MA-D1-XX) - 5 INCH TUBULAR - STEEL AT _____ EACH		
847.1	135	SIGN SUP (N/GUIDE)+RTE MKR W/1 BRKWAY POST ASSEMBLY - STEEL AT _____ EACH		
850.41	2,000	ROADWAY FLAGGER AT _____ PER HOUR		
851.1	1,440	TRAFFIC CONES FOR TRAFFIC MANAGEMENT AT _____ PER DAY		
851.91	3	TEMPORARY SPEED HUMP AT _____ EACH		
852.	925	SAFETY SIGNING FOR TRAFFIC MANAGEMENT AT _____ PER SQUARE FOOT		
852.11	1,120	TEMPORARY PEDESTRIAN BARRICADE AT _____ PER FOOT		

Project # 608051		Contract # 132406		
Location : WILMINGTON				
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ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
852.12	18	TEMPORARY PEDESTRIAN CURB RAMP AT _____ EACH		
853.1	10	PORTABLE BREAKAWAY BARRICADE TYPE III AT _____ EACH		
853.21	2,100	TEMPORARY BARRIER REMOVED AND RESET AT _____ PER FOOT		
853.23	900	TEMPORARY BARRIER (TL-3) AT _____ PER FOOT		
853.33	504	TEMPORARY BARRIER - LIMITED DEFLECTION (TL-3) AT _____ PER FOOT		
853.331	621	TEMPORARY BARRIER - LIMITED DEFLECTION (TL-3) REMOVED AND RESET AT _____ PER FOOT		
853.8	150	TEMPORARY ILLUMINATION FOR WORK ZONE AT _____ PER DAY		
853.9	4	PORTABLE SPEED FEEDBACK DISPLAY TRAILER AT _____ PER MONTH		
854.016	52,500	TEMPORARY PAVING MARKINGS - 6 INCH (PAINTED) AT _____ PER FOOT		

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Description : Reconstruction on Route 38 (Main Street), from Route 62 to the Woburn C.L.				
ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
854.036	7,750	TEMPORARY PAVING MARKINGS - 6 INCH (TAPE) AT _____ PER FOOT		
854.1	1,500	PAVEMENT MARKING REMOVAL AT _____ PER SQUARE FOOT		
856.	2,880	ARROW BOARD AT _____ PER DAY		
856.12	7,200	PORTABLE CHANGEABLE MESSAGE SIGN AT _____ PER DAY		
859.	95,000	REFLECTORIZED DRUM AT _____ PER DAY		
859.1	8,400	REFLECTORIZED DRUMS WITH SEQUENTIAL FLASHING WARNING LIGHTS AT _____ PER DAY		
864.04	765	PAVEMENT ARROWS AND LEGENDS REFLECTORIZED WHITE (THERMOPLASTIC) AT _____ PER SQUARE FOOT		
864.1	1,900	COLORIZED PAVEMENT MARKINGS AT _____ PER SQUARE FOOT		
866.062	26,000	6 INCH. REFL. WHITE LINE (ALL WEATHER THERMO.) (RECESSED) AT _____ PER FOOT		

Project # 608051		Contract # 132406		
Location : WILMINGTON				
Description : Reconstruction on Route 38 (Main Street), from Route 62 to the Woburn C.L.				
ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
866.106	900	6 INCH REFLECTORIZED WHITE LINE (THERMOPLASTIC) AT _____ PER FOOT		
866.112	4,800	12 INCH REFLECTORIZED WHITE LINE (THERMOPLASTIC) AT _____ PER FOOT		
867.062	26,000	6 INCH. REFLECTORIZED YELLOW LINE (ALL WEATHER THERMO.) (RECESSED) AT _____ PER FOOT		
867.106	440	6 INCH REFLECTORIZED YELLOW LINE (THERMOPLASTIC) AT _____ PER FOOT		
867.112	500	12 INCH REFLECTORIZED YELLOW LINE (THERMOPLASTIC) AT _____ PER FOOT		
868.06	550	6 INCH REFLECTORIZED WHITE LINE (EPOXY) AT _____ PER FOOT		
868.12	35	12 INCH REFLECTORIZED WHITE LINE (EPOXY) AT _____ PER FOOT		
869.06	280	6 INCH REFLECTORIZED YELLOW LINE (EPOXY) AT _____ PER FOOT		
871.9	1	MOTORIZE TRAFFIC DATA MONITORING PROGRAM AT _____ LUMP SUM		

Project # 608051		Contract # 132406		
Location : WILMINGTON				
Description : Reconstruction on Route 38 (Main Street), from Route 62 to the Woburn C.L.				
ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
874.	28	STREET NAME SIGN AT _____ EACH		
874.2	7	TRAFFIC SIGN REMOVED AND RESET AT _____ EACH		
874.41	106	TRAFFIC SIGN REMOVED AND DISCARDED AT _____ EACH		
901.	11	4000 PSI, 1.5 INCH, 565 CEMENT CONCRETE AT _____ PER CUBIC YARD		
903.	32	3000 PSI, 1.5 INCH, 470 CEMENT CONCRETE AT _____ PER CUBIC YARD		
910.	170	STEEL REINFORCEMENT FOR STRUCTURES AT _____ PER POUND		
945.1	1,600	DRILLED MICROPILE AT _____ PER FOOT		
948.6	1	MICROPILE VERIFICATION LOAD TEST AT _____ EACH		
948.61	2	MICROPILE PROOF LOAD TEST AT _____ EACH		

Project # 608051		Contract # 132406		
Location : WILMINGTON				
Description : Reconstruction on Route 38 (Main Street), from Route 62 to the Woburn C.L.				
ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
950.5	1	TEMPORARY EARTH SUPPORT SYSTEM AT _____ LUMP SUM		
953.1	1	TEMPORARY SUPPORT OF EXCAVATION - BRIDGE NO. W-38-011 AT _____ LUMP SUM		
953.12	1	TEMPORARY STABILIZATION OF EXISTING MASONRY ABUTMENTS AT _____ LUMP SUM		
953.31	1	EXCAVATION SUPPORT SYSTEM FOR SPECIAL DRAINAGE STRUCTURE NO. 1 AT _____ LUMP SUM		
983.	80	DUMPED RIPRAP AT _____ PER TON		
983.6	1	STREAMBED RESTORATION AT _____ LUMP SUM		
988.01	65	SEDIMENT FOREBAY PAVERS AT _____ PER SQUARE FOOT		
990.1	1	COFFERDAM STRUCTURE NO. 1 AT _____ LUMP SUM		
990.2	1	COFFERDAM STRUCTURE NO. 2 AT _____ LUMP SUM		

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Project # 608051		Contract # 132406		
Location : WILMINGTON				
Description : Reconstruction on Route 38 (Main Street), from Route 62 to the Woburn C.L.				
ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
991.1	1	CONTROL OF WATER - STRUCTURE NO. W-38-011 (CVE) AT _____ LUMP SUM		
991.21	1	CONTROL OF WATER - SPECIAL DRAINAGE STRUCTURE NO. 1 AT _____ LUMP SUM		
993.2	1	TEMPORARY PEDESTRIAN BRIDGE AT _____ LUMP SUM		
994.01	1	TEMPORARY PROTECTIVE SHIELDING BRIDGE NO. W-38-011 (CVE) AT _____ LUMP SUM		
995.01	1	BRIDGE STRUCTURE, BRIDGE NO. W-38-011 (CVE) AT _____ LUMP SUM		
996.01	1	WALL STRUCTURE, WALL NO. 1 AT _____ LUMP SUM		
997.01	1	SPECIAL DRAINAGE STRUCTURE NO. 1 AT _____ LUMP SUM		
998.101	1	SPECIALTY SERVICES #1 AT _____ LUMP SUM		
998.102	1	SPECIALTY SERVICES #2 AT _____ LUMP SUM		

Project # 608051		Contract # 132406		
Location : WILMINGTON				
Description : Reconstruction on Route 38 (Main Street), from Route 62 to the Woburn C.L.				
ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
998.103	1	SPECIALTY SERVICES #3 AT _____ LUMP SUM		
998.104	1	SPECIALTY SERVICES #4 AT _____ LUMP SUM		
998.105	1	SPECIALTY SERVICES #5 AT _____ LUMP SUM		
Total Qty: 987,441.6				

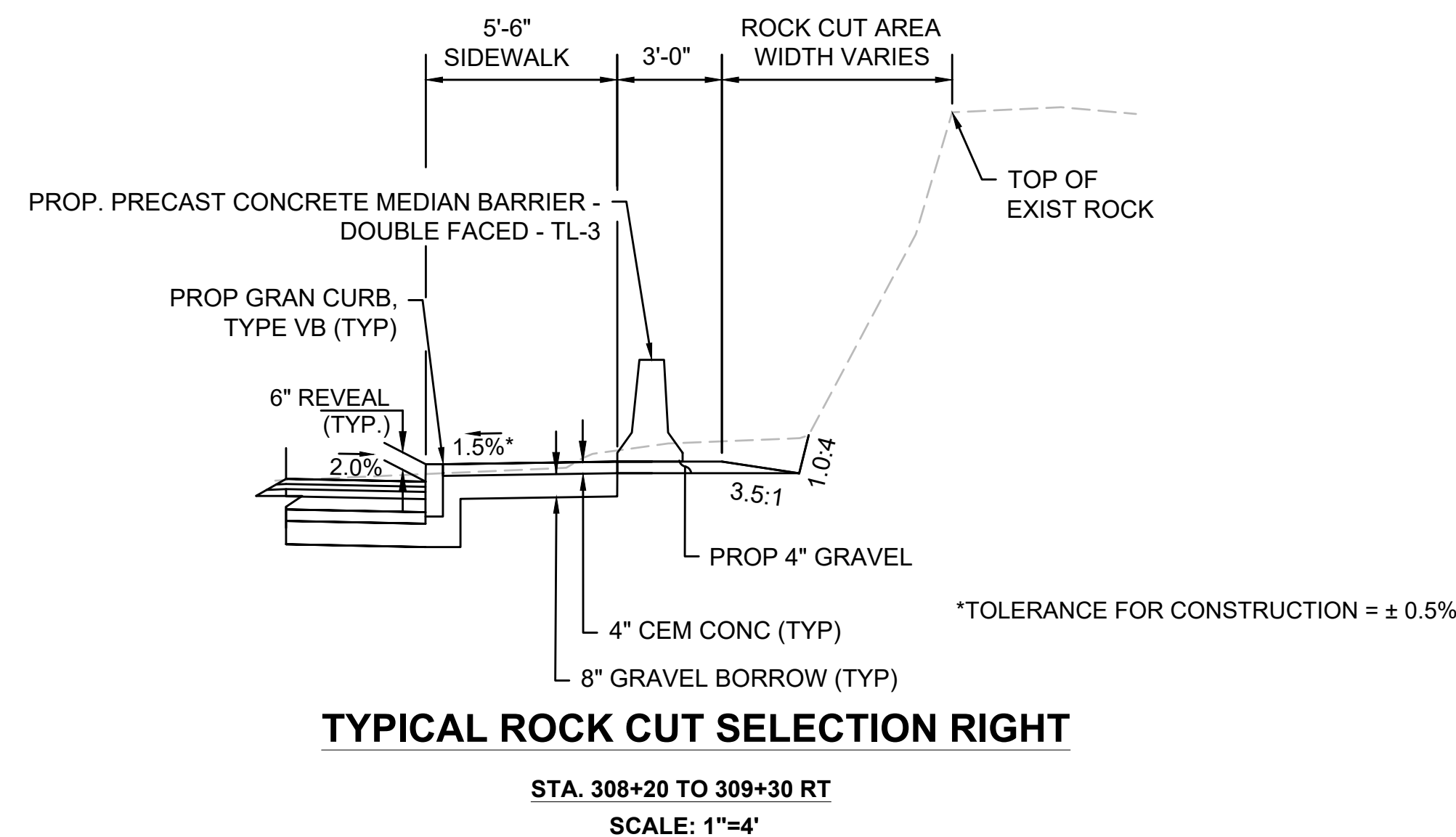
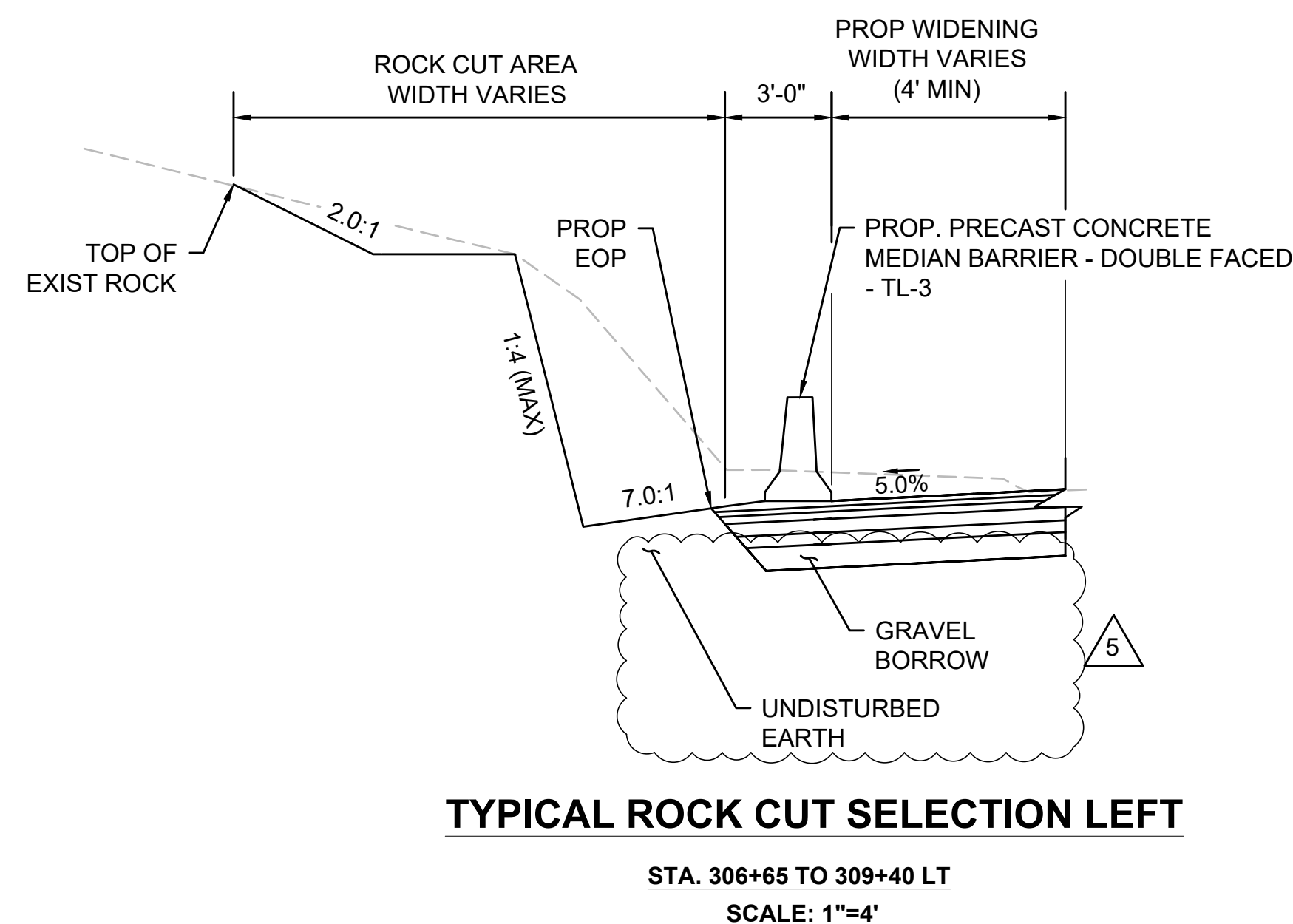
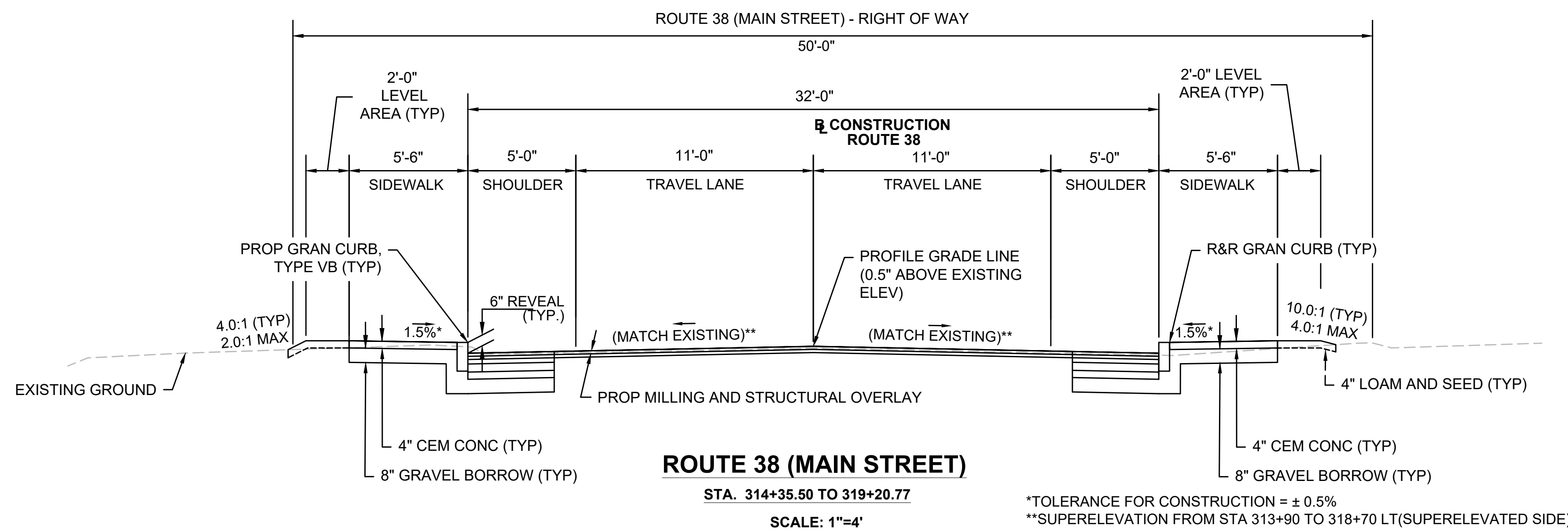
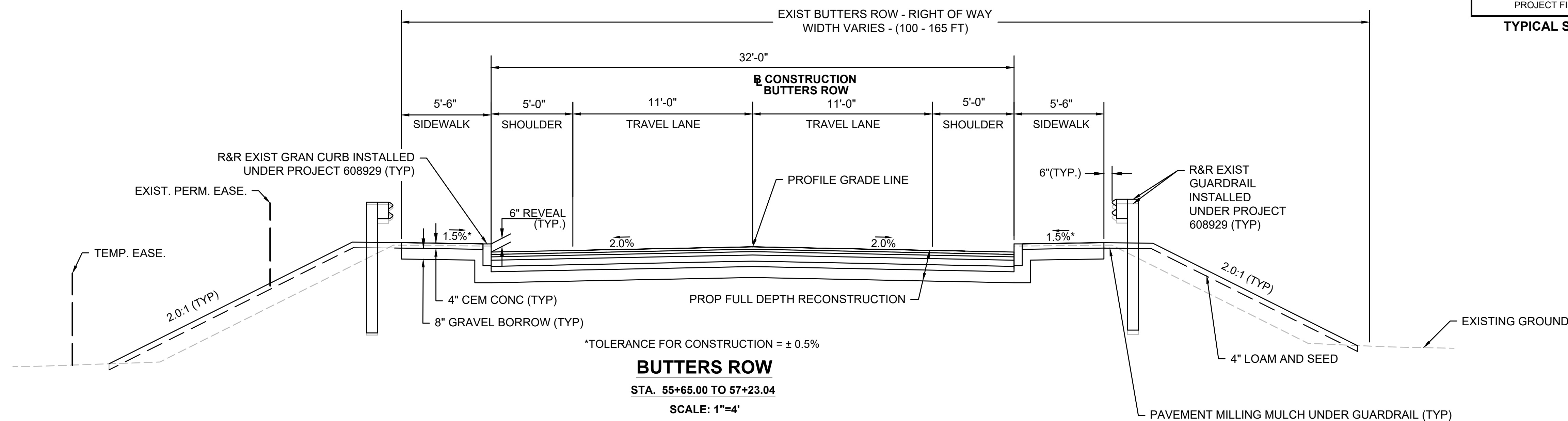
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WILMINGTON
ROUTE 38 (MAIN STREET)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	STP/CMQ/HSI-0034(030)X	18	394
PROJECT FILE NO.		608051	

TYPICAL SECTIONS - 5



FOR UTILITY PLAN:
SEE SHEET NO. 109

HIGHWAY GUARD DETAILS
SEE SHEET 33

TRAFFIC SIGNAL CONDUIT
NONE

WATER SUPPLY ALTERATIONS
SEE SHEET 133

DRAINAGE DETAILS
SEE BELOW

UTILITY PLAN
SEE SHEET 115

WILMINGTON ROUTE 38 (MAIN STREET)			
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	STP/CMQ/HSI-0034(030)X	99	394
PROJECT FILE NO. 608051			

DRAINAGE PLANS - 7

CONTINUED ON
SHEET NO. 98

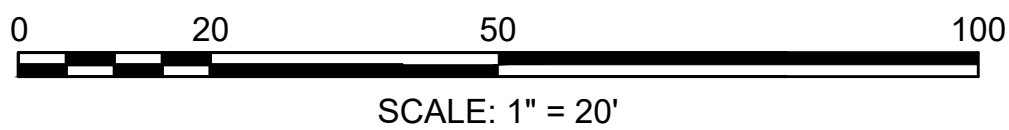
CONTINUED ON
SHEET NO. 100

DRAINAGE STRUCTURE TABLE						
NAME/TYPE	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
PROP. 5' DIA. DMH (3-02)	238+28.57	5.3 R	88.77	I=84.85' (PROP. DMH (3-04)) I=84.90' (PROP. DMH (3-22)) I=84.85' (PROP. CBCI (3-03))	I=84.85' (PROP. FES (3-01))	
PROP. 5' DIA. DMH (3-35)	239+24.07	5.5 R	89.28	I=85.13' (PROP. DMH (3-24)) I=85.13' (PROP. ECC. CB (3-33)) I=85.13' (PROP. ECC. CB (3-36))	I=85.13' (PROP. DMH (3-39))	
PROP. CB (3-06)	238+04.24	14.9 L	88.64		I=85.10' (PROP. DMH (3-04))	FLAT TOP
PROP. CB (3-11)	235+83.09	14.9 R	90.34		I=87.30' (PROP. DMH (3-09))	
PROP. CB (3-20)	238+34.75	15.0 L	88.57		I=85.00' (PROP. DMH (3-22))	FLAT TOP
PROP. CBCI (3-03)	238+33.11	15.1 R	88.32		I=84.90' (PROP. 5' DIA. DMH (3-02))	
PROP. CBCI (3-08)	235+78.19	14.7 L	90.37		I=87.50' (PROP. DMH (3-09))	FLAT TOP
PROP. DMH (3-04)	238+07.09	4.7 R	88.83	I=85.00' (PROP. DMH (3-09)) I=84.90' (PROP. ECC. CB (3-07)) I=85.00' (PROP. CB (3-06))	I=84.90' (PROP. 5' DIA. DMH (3-02))	
PROP. DMH (3-09)	235+83.23	4.4 R	90.55	I=86.55' (PROP. DMH (3-14)) I=87.40' (PROP. CBCI (3-08)) I=87.20' (PROP. CB (3-11))	I=86.55' (PROP. DMH (3-04))	
PROP. DMH (3-22)	238+38.58	5.1 R	88.78	I=84.96' (PROP. CB (3-20))	I=84.95' (PROP. 5' DIA. DMH (3-02))	

DRAINAGE STRUCTURE TABLE						
NAME/TYPE	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
PROP. DMH (3-24)	240+60.33	5.5 R	92.14	I=88.30' (PROP. ECC. CB (3-23)) I=88.60' (PROP. ECC. CB (3-25))	I=87.50' (PROP. 5' DIA. DMH (3-35))	FLAT TOP
PROP. DMH (3-39)	238+62.93	5.5 R	88.83	I=84.90' (PROP. 5' DIA. DMH (3-35))	I=84.90' (PROP. HW (3-01))	
PROP. ECC. CB (3-07)	237+97.82	14.3 R	88.64		I=84.92' (PROP. DMH (3-04))	FLAT TOP
PROP. ECC. CB (3-23)	240+70.21	19.9 L	91.98		I=88.40' (PROP. DMH (3-24))	FLAT TOP
PROP. ECC. CB (3-25)	240+69.72	19.6 R	92.42		I=88.85' (PROP. DMH (3-24))	
PROP. ECC. CB (3-33)	239+17.25	16.4 L	88.99		I=85.40' (PROP. 5' DIA. DMH (3-35))	FLAT TOP
PROP. ECC. CB (3-36)	239+22.92	17.2 R	88.77		I=85.20' (PROP. 5' DIA. DMH (3-35))	FLAT TOP
PROP. FES (3-01)	238+16.47	40.2 L	86.25	I=84.80' (PROP. 5' DIA. DMH (3-02))		
PROP. HW-01	238+47.90	26.6 R	85.65		I=84.00' ()	
PROP. HW (3-01)	238+62.78	24.1 R	86.17	I=84.50' (PROP. DMH (3-39))		

NOTES:
1. CONTRACTOR SHALL FIELD VERIFY GUARDRAIL POST SPACING CAN ACCOMMODATE PROPOSED AND EXISTING DRAINAGE.

FOR UTILITY PLAN:
SEE SHEET NO. 109



HIGHWAY GUARD DETAILS

SEE SHEET 33

TRAFFIC SIGNAL CONDUIT

NONE

WATER SUPPLY ALTERATIONS

SEE SHEET 133

DRAINAGE DETAILS

SEE BELOW

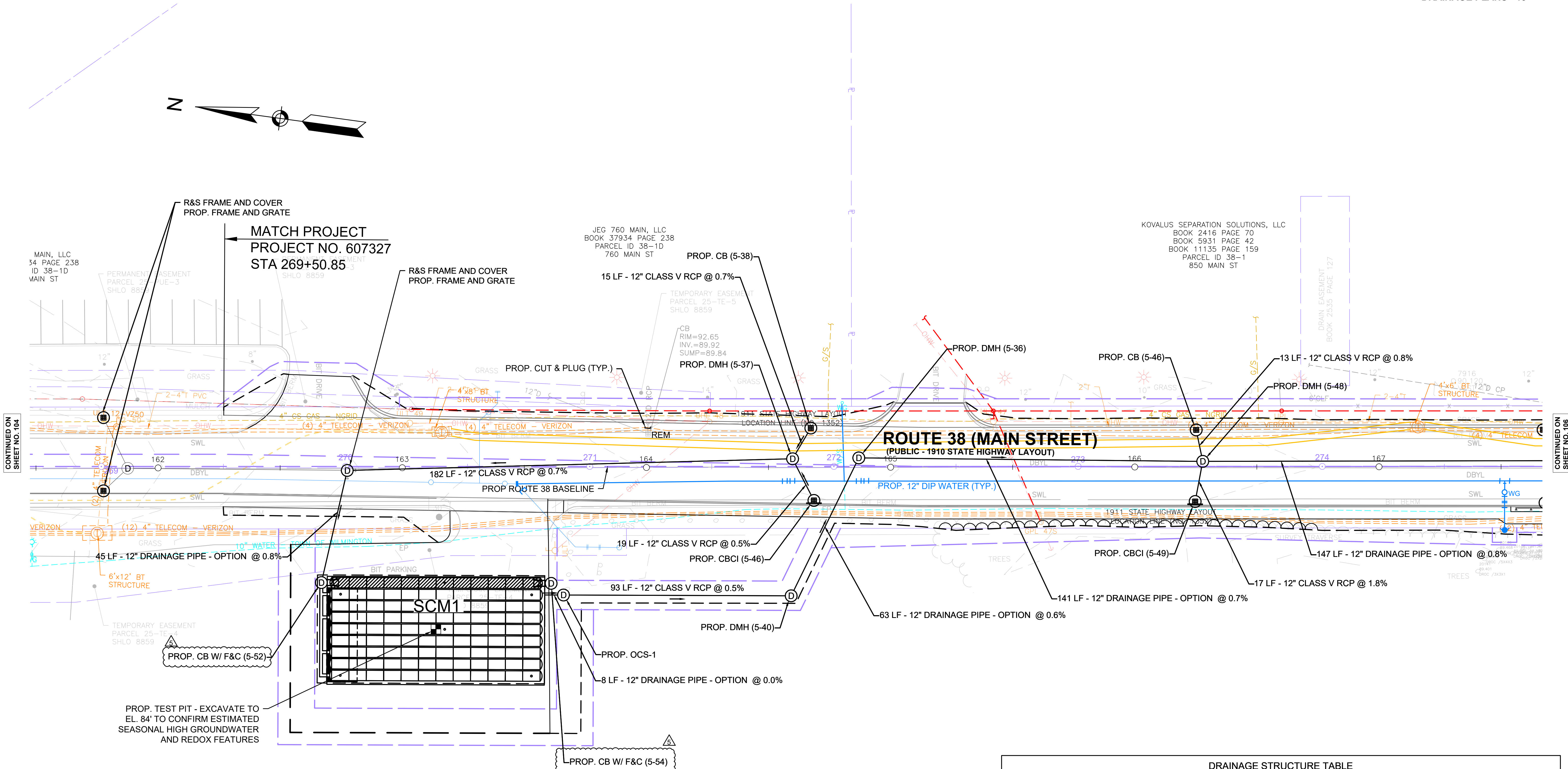
UTILITY PLAN

SEE SHEET 121

WILMINGTON
ROUTE 38 (MAIN STREET)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	STP/CMQ/HSI-0034(030)X	105	394
PROJECT FILE NO.		608051	

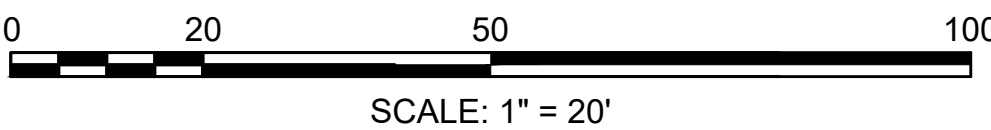
DRAINAGE PLANS - 13



DRAINAGE STRUCTURE TABLE						
NAME/TYPE	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
PROP. DMH (5-36)	272+10.91	3.1 L	92.01	I=86.10' (PROP. DMH (5-40))	I=86.10' (PROP. DMH (5-48))	
PROP. DMH (5-37)	271+83.81	2.2 L	92.20	I=88.60' (PROP. CB (5-38)) I=88.60' (PROP. CBCI (5-46))	I=88.60' (PROP. DMH (5-41))	
PROP. DMH (5-40)	271+84.22	53.9 R	92.83	I=88.50' (PROP. OCS-1)	I=86.50' (PROP. DMH (5-36))	
PROP. DMH (5-48)	273+51.83	2.1 L	91.26	I=85.10' (PROP. DMH (5-36)) I=87.90' (PROP. CB (5-46)) I=87.20' (PROP. CBCI (5-49))	I=85.10' (PROP. DMH (5-31))	
PROP. OCS-1	270+90.97	55.2 R	92.62	I=88.10' (SCM1)	I=89.00' (PROP. DMH (5-40))	

TOWN OF WILMINGTON
PARCEL ID: 26-9
L.C.C.: 23888 A
CERT. NO. 8851
DOC NO. 71875
823 MAIN ST

DRAINAGE STRUCTURE TABLE						
NAME/TYPE	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
PROP. CB (5-38)	271+91.05	14.9 L	91.89		I=88.70' (PROP. DMH (5-37))	FLAT TOP
PROP. CB (5-46)	273+49.14	15.0 L	91.02		I=88.00' (PROP. DMH (5-48))	
PROP. CB W/ F&C (5-52)	269+91.74	51.8 R	95.00	I=87.05' (PROP. DMH (5-41))	I=87.05' ()	
PROP. CB W/ F&C (5-54)	270+85.83	50.5 R	92.63		I=87.05' ()	
PROP. CBCI (5-46)	271+92.83	14.7 R	91.89		I=88.70' (PROP. DMH (5-37))	
PROP. CBCI (5-49)	273+48.72	14.4 R	91.03		I=87.50' (PROP. DMH (5-48))	



FOR UTILITY PLAN:
SEE SHEET NO. 109

HIGHWAY GUARD DETAILS

SEE SHEET 33

TRAFFIC SIGNAL CONDUIT

NONE

WATER SUPPLY ALTERATIONS

SEE SHEET 133

DRAINAGE DETAILS

SEE BELOW

UTILITY PLAN

SEE SHEET 128

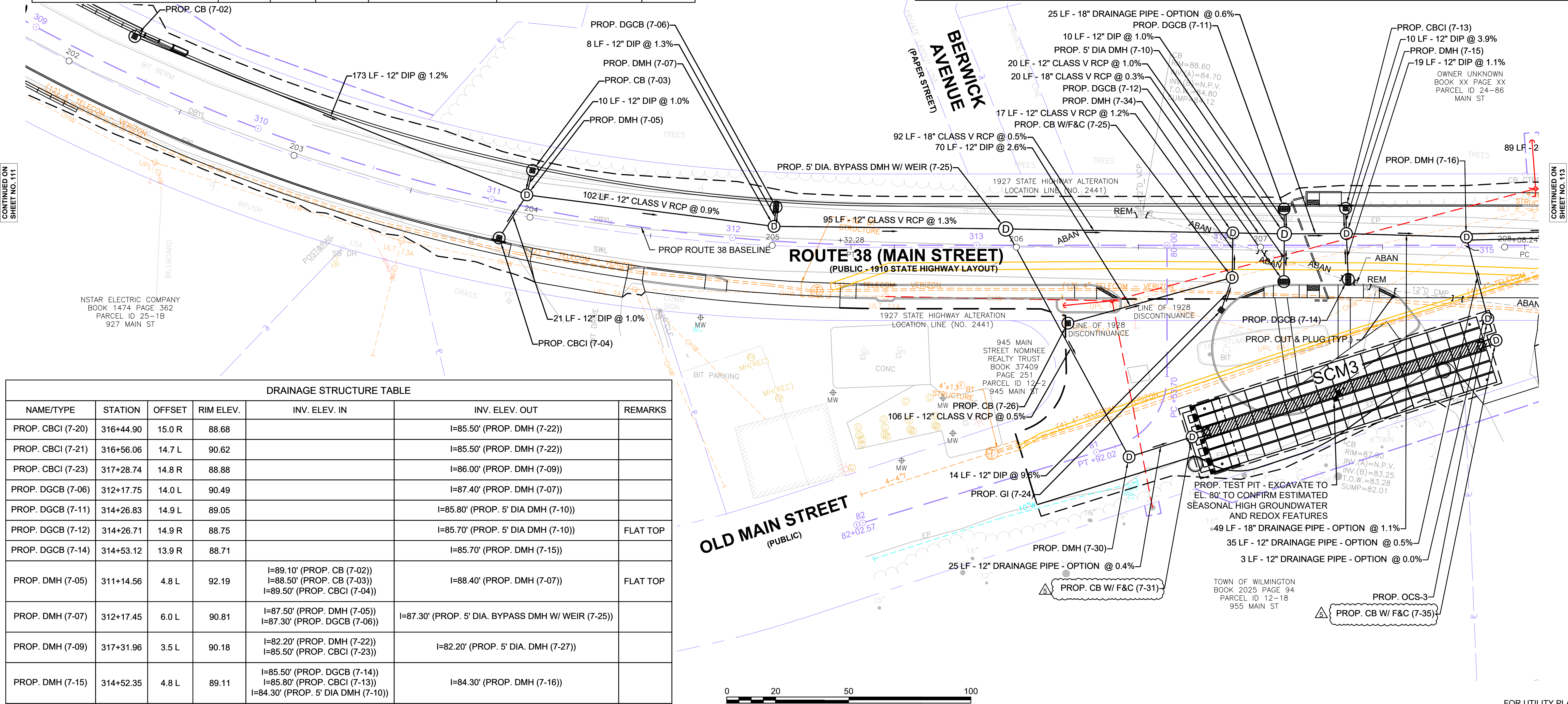
WILMINGTON
ROUTE 38 (MAIN STREET)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	STP/CMQ/HSI-0034(030)X	112	394
PROJECT FILE NO.		608051	

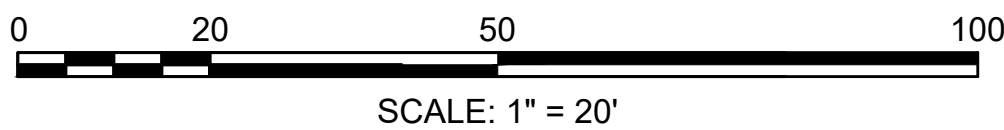
DRAINAGE PLANS - 20

DRAINAGE STRUCTURE TABLE						
NAME/TYPE	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
PROP. 5' DIA DMH (7-10)	314+26.93	4.7 L	88.98	I=84.45' (PROP. DMH (7-34)) I=85.50' (PROP. DGCB (7-12)) I=85.70' (PROP. DGCB (7-11))	I=84.45' (PROP. DMH (7-15))	
PROP. 5' DIA. BYPASS DMH W/ WEIR (7-25)	313+12.81	6.7 L	89.40	I=86.10' (PROP. DMH (7-07))	I=85.00' (PROP. DMH (7-34)) I=84.00' (PROP. DMH (7-30))	
PROP. CB (7-02)	309+38.91	14.8 L	94.28		I=91.20' (PROP. DMH (7-05))	
PROP. CB (7-03)	311+14.76	15.1 L	91.65		I=88.60' (PROP. DMH (7-05))	
PROP. CB (7-26)	313+38.27	31.9 R	89.47		I=87.25' (PROP. CB W/F&C (7-25))	FLAT TOP
PROP. CB W/ F&C (7-31)	313+89.15	78.5 R	89.57	I=83.30' (PROP. DMH (7-30))	I=83.30' ()	
PROP. CB W/ F&C (7-35)	315+13.66	38.9 R	88.87		I=83.30' ()	
PROP. CB W/F&C (7-25)	314+05.58	13.2 R	88.54	I=85.43' (PROP. GI (7-24)) I=85.43' (PROP. CB (7-26))	I=85.40' (PROP. DMH (7-34))	
PROP. CBCI (7-04)	311+07.23	14.8 R	92.78		I=89.70' (PROP. DMH (7-05))	
PROP. CBCI (7-13)	314+52.02	15.1 L	89.29		I=86.20' (PROP. DMH (7-15))	
PROP. CBCI (7-18)	315+62.05	14.7 R	88.80		I=84.60' (PROP. DMH (7-19))	

DRAINAGE STRUCTURE TABLE						
NAME/TYPE	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
PROP. DMH (7-16)	315+01.54	3.3 L	89.35	I=83.77' (PROP. DMH (7-15)) I=83.77' (PROP. OCS-3)	I=83.67' (PROP. DMH (7-19))	
PROP. DMH (7-19)	315+60.01	6.3 L	89.79	I=83.30' (PROP. DMH (7-16)) I=84.45' (PROP. CBCI (7-18))	I=83.30' (PROP. DMH (7-22))	
PROP. DMH (7-22)	316+48.15	2.4 L	89.92	I=82.75' (PROP. CBCI (7-21)) I=85.40' (PROP. CBCI (7-20)) I=82.75' (PROP. DMH (7-19))	I=82.75' (PROP. DMH (7-09))	
PROP. DMH (7-30)	313+63.33	86.6 R	89.66	I=83.42' (PROP. 5' DIA. BYPASS DMH W/ WEIR (7-25))	I=83.39' (PROP. CB W/ F&C (7-31))	
PROP. DMH (7-34)	314+05.85	5.1 L	86.76	I=84.55' (PROP. 5' DIA. BYPASS DMH W/ WEIR (7-25)) I=85.20' (PROP. CB W/F&C (7-25))	I=84.50' (PROP. 5' DIA DMH (7-10))	
PROP. GI (7-24)	314+01.08	26.5 R	88.98		I=86.78' (PROP. CB W/F&C (7-25))	
PROP. OCS-3	315+10.27	30.0 R	89.00	I=83.30' () I=83.30' (SCM3)	I=83.94' (PROP. DMH (7-16))	



DRAINAGE STRUCTURE TABLE						
NAME/TYPE	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
PROP. CBCI (7-20)	316+44.90	15.0 R	88.68		I=85.50' (PROP. DMH (7-22))	
PROP. CBCI (7-21)	316+56.06	14.7 L	90.62		I=85.50' (PROP. DMH (7-22))	
PROP. CBCI (7-23)	317+28.74	14.8 R	88.88		I=86.00' (PROP. DMH (7-09))	
PROP. DGCB (7-06)	312+17.75	14.0 L	90.49		I=87.40' (PROP. DMH (7-07))	
PROP. DGCB (7-11)	314+26.83	14.9 L	89.05		I=85.80' (PROP. 5' DIA DMH (7-10))	
PROP. DGCB (7-12)	314+26.71	14.9 R	88.75		I=85.70' (PROP. 5' DIA DMH (7-10))	FLAT TOP
PROP. DGCB (7-14)	314+53.12	13.9 R	88.71		I=85.70' (PROP. DMH (7-15))	
PROP. DMH (7-05)	311+14.56	4.8 L	92.19	I=89.10' (PROP. CB (7-02)) I=88.50' (PROP. CB (7-03)) I=89.50' (PROP. CBCI (7-04))	I=88.40' (PROP. DMH (7-07))	FLAT TOP
PROP. DMH (7-07)	312+17.45	6.0 L	90.81	I=87.50' (PROP. DMH (7-05)) I=87.30' (PROP. DGCB (7-06))	I=87.30' (PROP. 5' DIA. BYPASS DMH W/ WEIR (7-25))	
PROP. DMH (7-09)	317+31.96	3.5 L	90.18	I=82.20' (PROP. DMH (7-22)) I=85.50' (PROP. CBCI (7-23))	I=82.20' (PROP. 5' DIA. DMH (7-27))	
PROP. DMH (7-15)	314+52.35	4.8 L	89.11	I=85.50' (PROP. DGCB (7-14)) I=85.80' (PROP. CBCI (7-13)) I=84.30' (PROP. 5' DIA DMH (7-10))	I=84.30' (PROP. DMH (7-16))	



FOR UTILITY PLAN:
SEE SHEET NO. 109

HIGHWAY GUARD DETAILS

SEE SHEET 33

TRAFFIC SIGNAL CONDUIT

NONE

WATER SUPPLY ALTERATIONS

SEE SHEET 133

DRAINAGE DETAILS

SEE BELOW

UTILITY PLAN

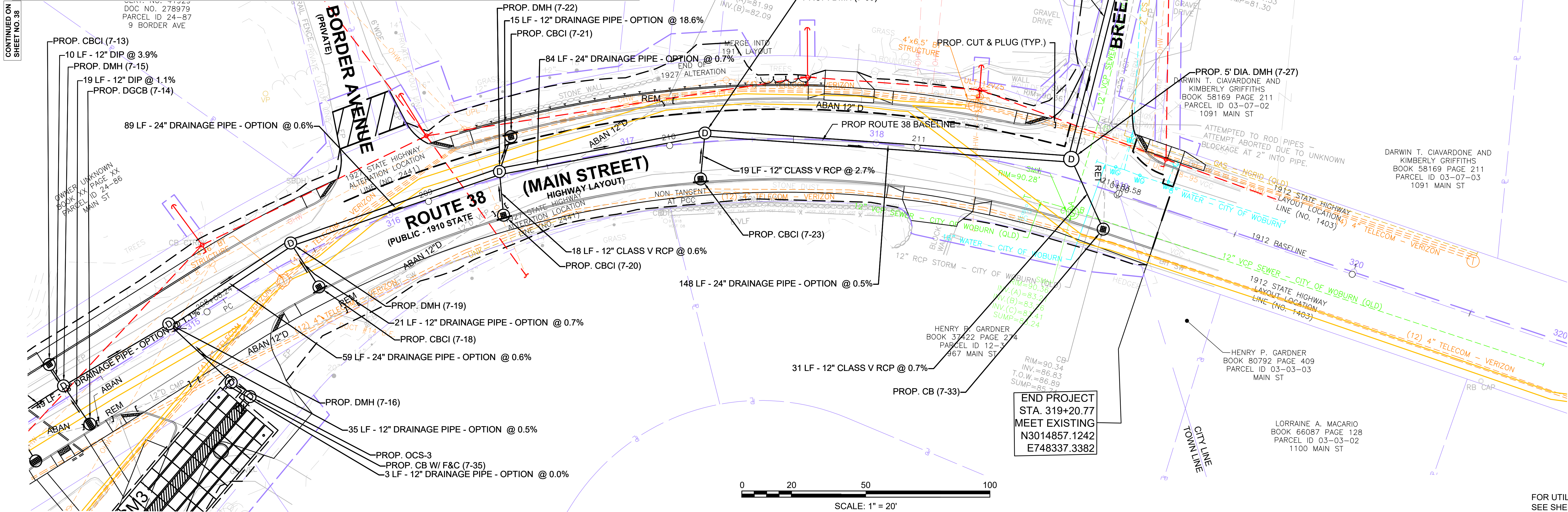
SEE SHEET 129

DRAINAGE STRUCTURE TABLE						
NAME/TYPE	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
PROP. 5' DIA. DMH (7-27)	318+78.73	7.8 L	90.97	I=81.50' (PROP. DMH (7-09)) I=86.60' (PROP. CB (7-33))	I=81.00' (PROP. DMH (7-32))	FLAT TOP
PROP. CB (7-33)	318+99.49	15.5 R	90.46		I=86.83' (PROP. 5' DIA. DMH (7-27))	
PROP. CBCI (7-13)	314+52.02	15.1 L	89.29		I=86.20' (PROP. DMH (7-15))	
PROP. CBCI (7-18)	315+62.05	14.7 R	88.80		I=84.60' (PROP. DMH (7-19))	
PROP. CBCI (7-20)	316+44.90	15.0 R	88.68		I=85.50' (PROP. DMH (7-22))	
PROP. CBCI (7-21)	316+56.06	14.7 L	90.62		I=85.50' (PROP. DMH (7-22))	
PROP. CBCI (7-23)	317+28.74	14.8 R	88.88		I=86.00' (PROP. DMH (7-09))	
PROP. DGCB (7-14)	314+53.12	13.9 R	88.71		I=85.70' (PROP. DMH (7-15))	
PROP. DMH (7-09)	317+31.96	3.5 L	90.18	I=82.20' (PROP. DMH (7-22)) I=85.50' (PROP. CBCI (7-23))	I=82.20' (PROP. 5' DIA. DMH (7-27))	
PROP. DMH (7-15)	314+52.35	4.8 L	89.11	I=85.50' (PROP. DGCB (7-14)) I=85.80' (PROP. CBCI (7-13)) I=84.30' (PROP. 5' DIA DMH (7-10))	I=84.30' (PROP. DMH (7-16))	
PROP. DMH (7-16)	315+01.54	3.3 L	89.35	I=83.77' (PROP. DMH (7-15)) I=83.77' (PROP. OCS-3)	I=83.67' (PROP. DMH (7-19))	
PROP. DMH (7-19)	315+60.01	6.3 L	89.79	I=83.30' (PROP. DMH (7-16)) I=84.45' (PROP. CBCI (7-18))	I=83.30' (PROP. DMH (7-22))	
PROP. DMH (7-22)	316+48.15	2.4 L	89.92	I=82.75' (PROP. CBCI (7-21)) I=85.40' (PROP. CBCI (7-20)) I=82.75' (PROP. DMH (7-19))	I=82.75' (PROP. DMH (7-09))	
PROP. DMH (7-28)	318+56.53	265.1 L	81.17	I=78.25' (PROP. DMH (7-32))	I=78.25' (PROP. FES (7-01))	FLAT TOP
PROP. DMH (7-29)	318+52.09	269.1 L	81.16	I=78.35' ()	I=78.35' (PROP. FES (7-02))	FLAT TOP
PROP. DMH (7-32)	318+77.28	79.5 L	85.24	I=80.00' (PROP. 5' DIA. DMH (7-27))	I=80.00' (PROP. DMH (7-28))	
PROP. FES (7-01)	318+75.10	270.2 L	80.43	I=78.10' (PROP. DMH (7-28))		
PROP. FES (7-02)	318+74.39	276.7 L	79.45	I=78.20' (PROP. DMH (7-29))		
PROP. OCS-3	315+10.27	30.0 R	89.00	I=83.30' () I=83.30' (SCM3)	I=83.94' (PROP. DMH (7-16))	

WILMINGTON
ROUTE 38 (MAIN STREET)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	STP/CMQ/HSI-0034(030)X	113	394
PROJECT FILE NO.		608051	

DRAINAGE PLANS - 21



STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	STP/CMQ/HSI-0034(030)X	119	394
PROJECT FILE NO.		608051	

SEE SHEET 98



-
- 0 20 50 100
- SCALE: 1" = 20'

WILMINGTON, MA
ROUTE 38 (MAIN STREET)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	STP/CMQ/HSI-0034(030)X	136A	395
PROJECT FILE NO.		608051	

DRAINAGE & UTILITY DETAILS - 3

CULVERT SIZE D (INCHES)	LENGTH OF APRON L (FEET)	DEPTH OF APRON H (INCHES)	MASSDOT RIPRAP SIZE
30	12.5	24	M2.02.2
36	16	24	M2.02.2
42	21	30	M2.02.1
48	24	30	M2.02.1

SOURCE:

FHWA STANDARD DRAWING C251-50

NOTES:

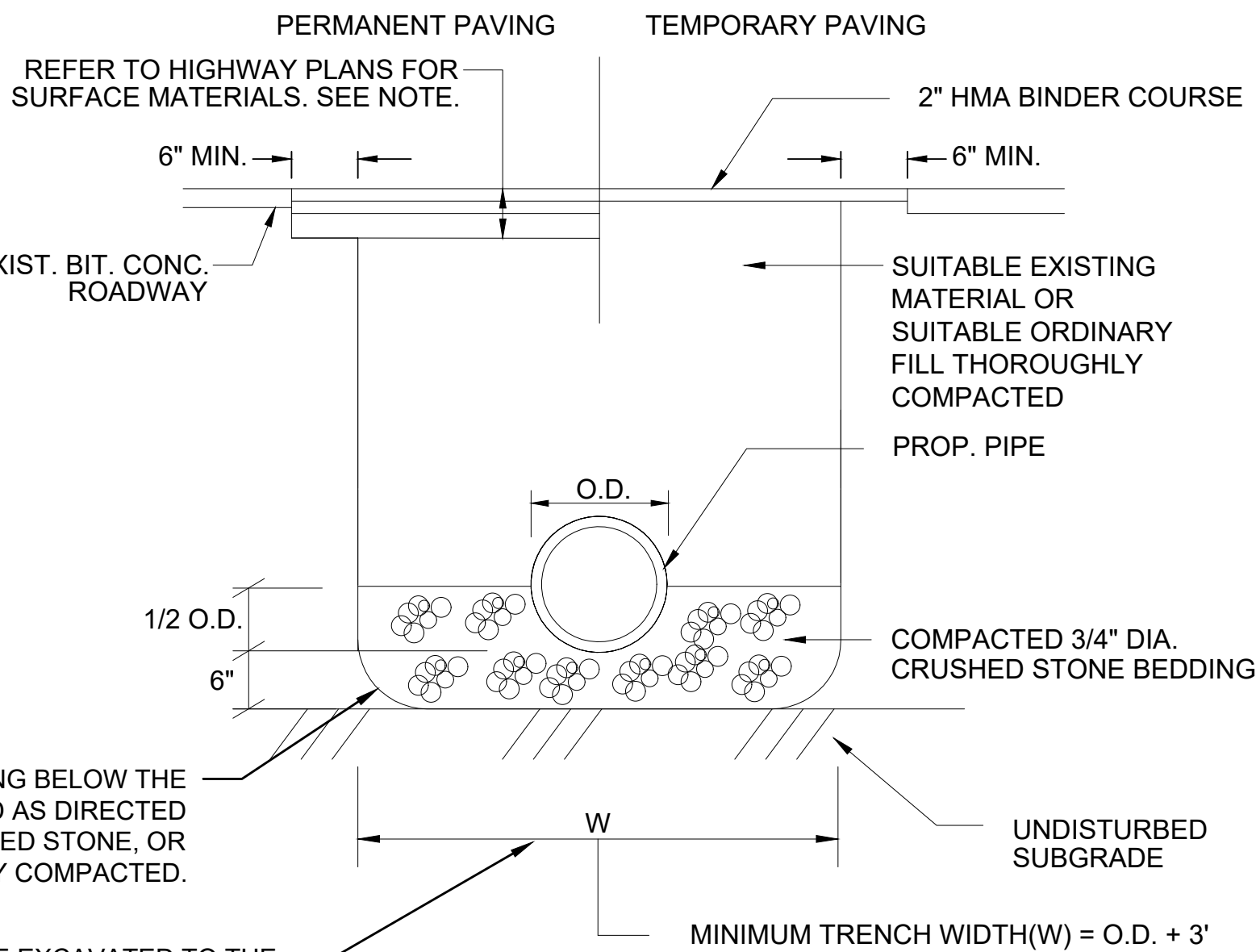
FOR PIPES 24" DIA. AND LESS, USE STONE PIPE ENDS
MASSDOT STANDARD DETAIL E 206.7.0

NOTE:

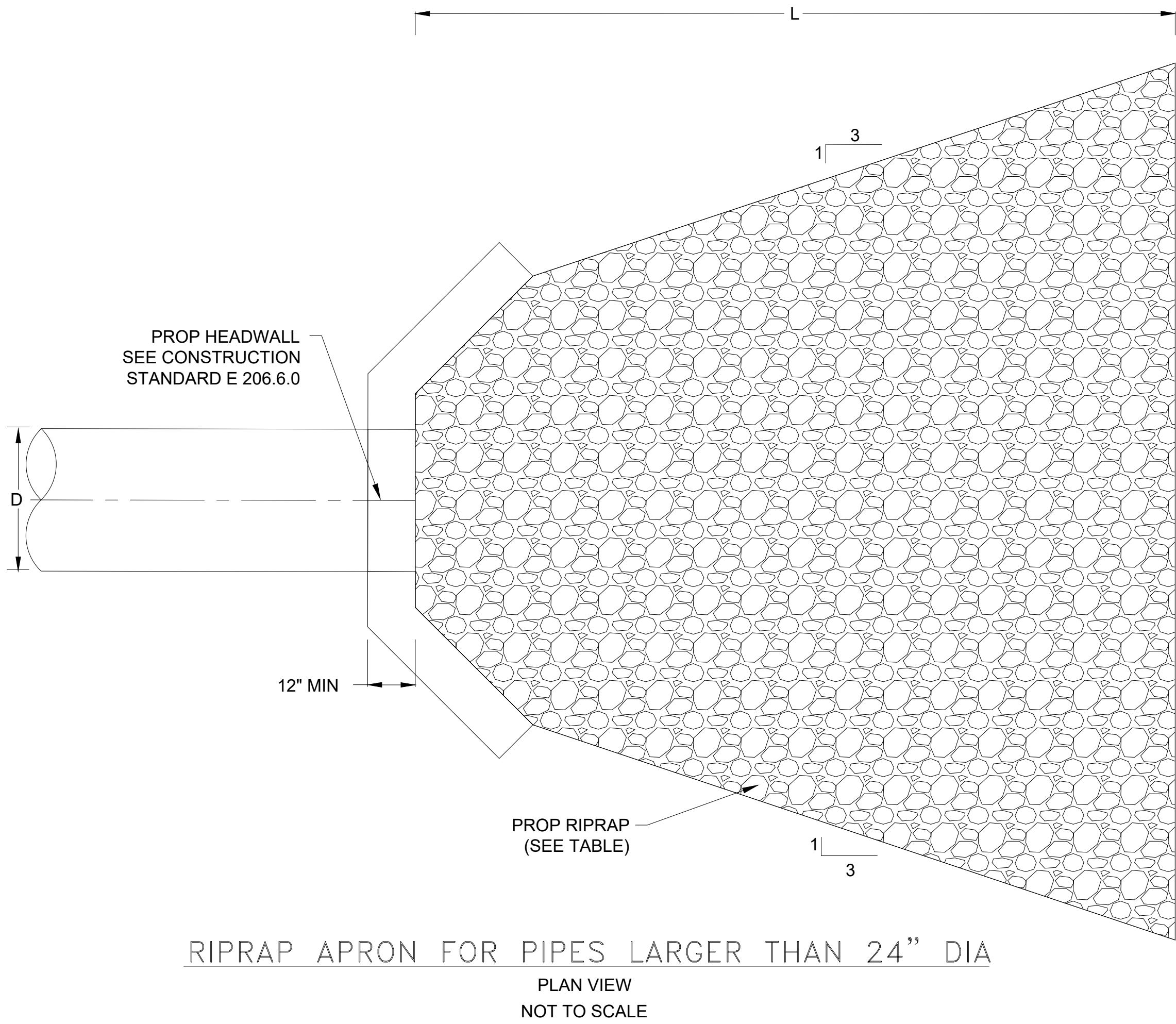
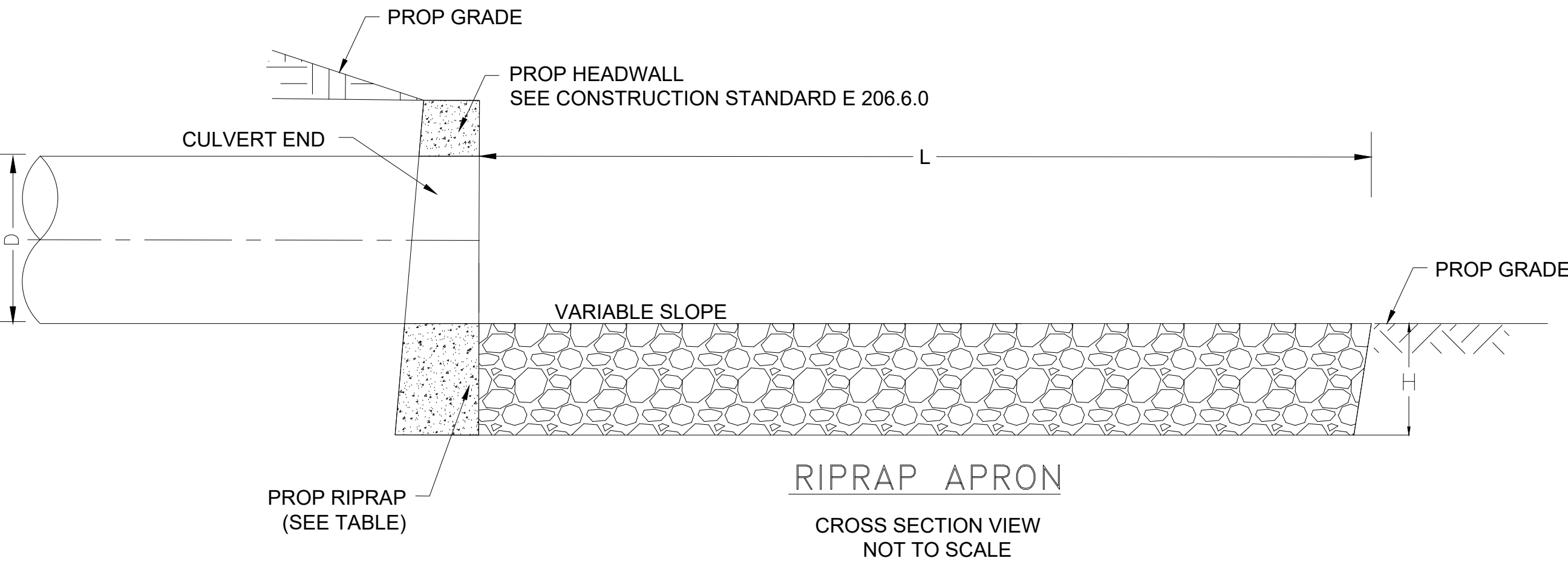
- PERMANENT PAVING TO BE USED IN ALL AREAS OF MILL AND OVERLAY. MATERIALS SHALL MATCH CORRESPONDING FULL DEPTH SECTION. REFER TO TYPICAL ROADWAY SECTIONS.
- HMA FOR PATCHING TO BE USED IN AREAS OF FUTURE FULL DEPTH CONSTRUCTION.
- EXISTING MATERIAL OBTAINED FROM EXCAVATION THAT IS DETERMINED TO BE SUITABLE, AND APPROVED BY THE ENGINEER, OR SATISFACTORY BORROW SHALL BE USED. BACKFILL SHALL BE PLACED IN LAYERS NO MORE THAN 6 INCHES IN DEPTH AND THOROUGHLY COMPACTED. BACKFILLING TO A POINT 2 FEET OVER THE PIPE SHALL CONTAIN NO STONES LARGER THAN 3 INCHES - EXCEPT MATERIAL USED TO BACKFILL CORRUGATED PLASTIC PIPE SHALL CONSIST OF GRAVEL BORROW MEETING THE REQUIREMENTS OF M1.03.0: GRAVEL BORROW TYPE D, TO A DEPTH OF 2 FEET OVER THE TOP OF PIPE.

SOFT OR UNSUITABLE MATERIAL EXISTING BELOW THE REQUIRED BEDDING GRADE SHALL BE REMOVED AS DIRECTED AND REPLACED WITH SAND, GRAVEL, CRUSHED STONE, OR OTHER SUITABLE MATERIAL AND THOROUGHLY COMPACTED.

TRENCHES FOR PIPES SHALL BE EXCAVATED TO THE SUFFICIENT WITH TO PERMIT THOROUGH TAMPING OF BACKFILL MATERIAL UNDER THE HAUNCHES.



TYPICAL PIPE TRENCH
NOT TO SCALE



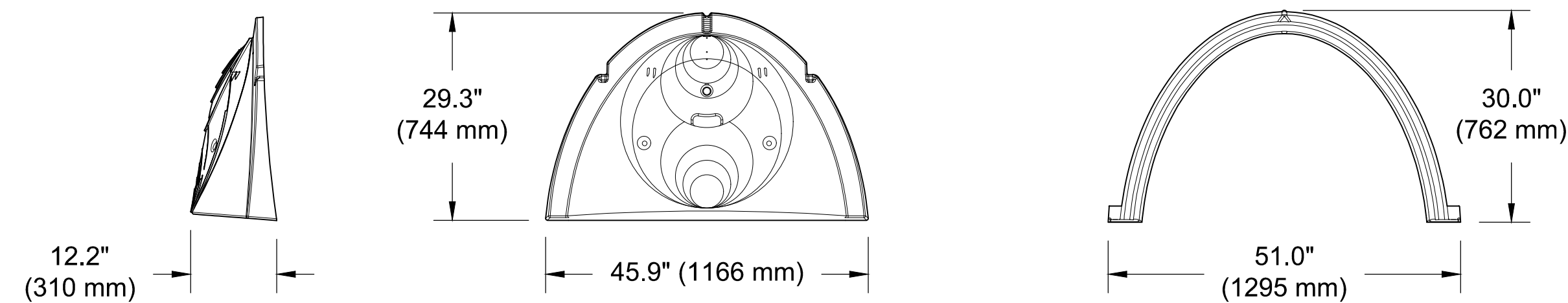
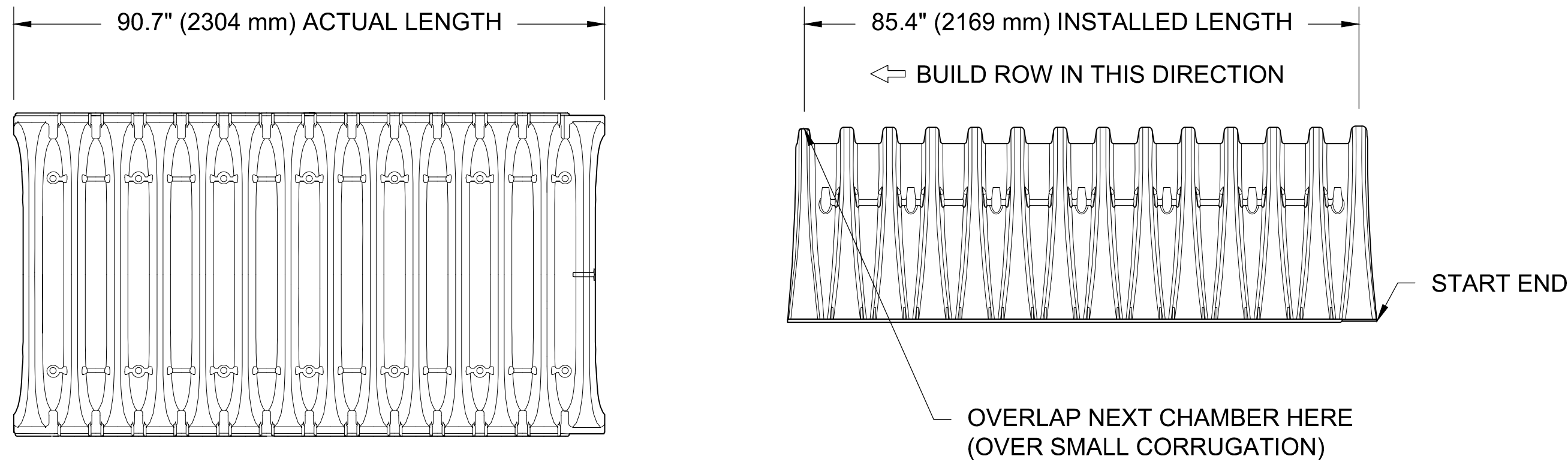
WILMINGTON, MA
ROUTE 38 (MAIN STREET)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	STP/CMQ/HSI-0034(030)X	142	394
PROJECT FILE NO.		608051	

DRAINAGE & UTILITY DETAILS - 9

SC-740 TECHNICAL SPECIFICATION

NTS

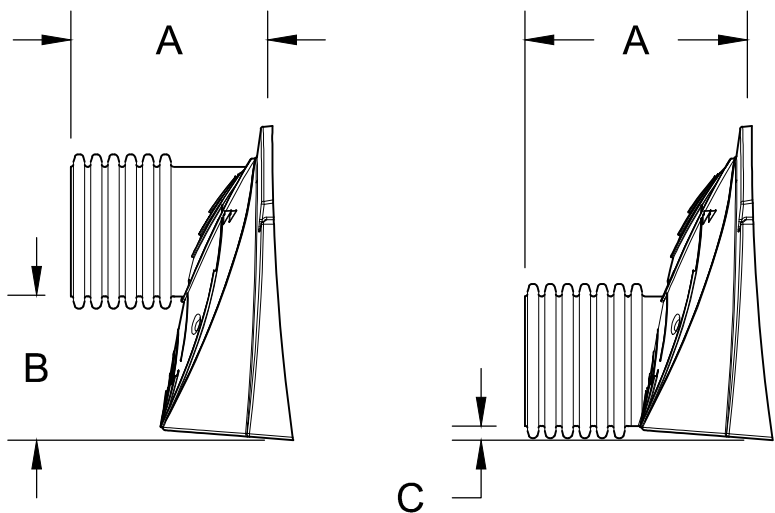


NOMINAL CHAMBER SPECIFICATIONS

SIZE (W X H X INSTALLED LENGTH)	51.0" X 30.0" X 85.4"	(1295 mm X 762 mm X 2169 mm)
CHAMBER STORAGE	45.9 CUBIC FEET	(1.30 m³)
MINIMUM INSTALLED STORAGE*	74.9 CUBIC FEET	(2.12 m³)
WEIGHT	75.0 lbs.	(33.6 kg)

*ASSUMES 6" (152 mm) STONE ABOVE, BELOW, AND BETWEEN CHAMBERS

PRE-FAB STUBS AT BOTTOM OF END CAP FOR PART NUMBERS ENDING WITH "B"
PRE-FAB STUBS AT TOP OF END CAP FOR PART NUMBERS ENDING WITH "T"
PRE-CORED END CAPS END WITH "PC"



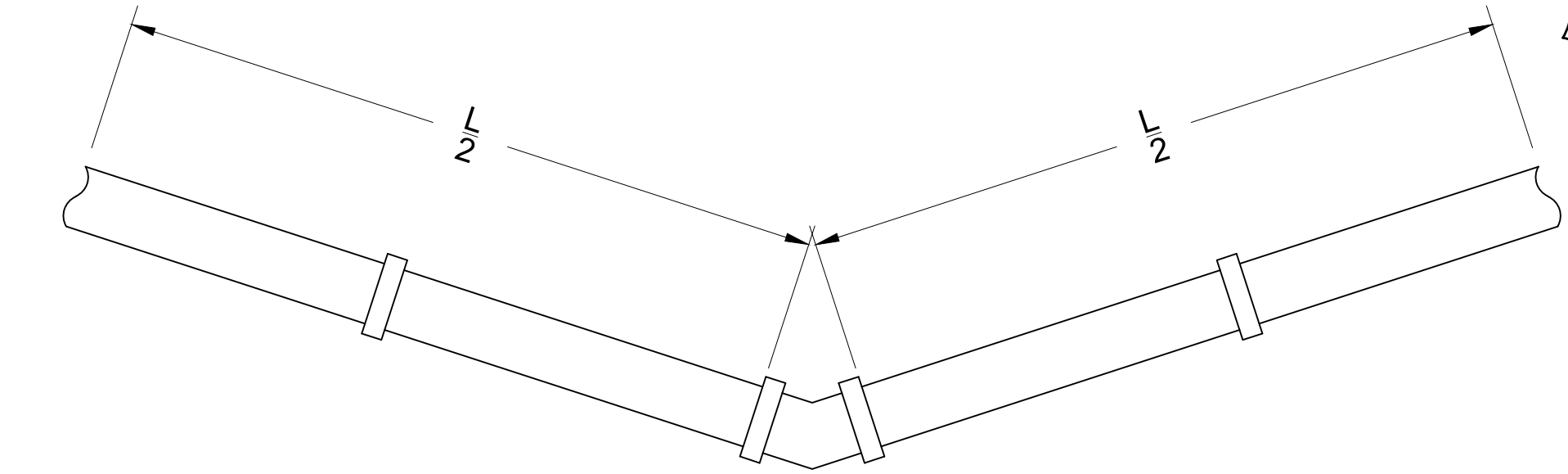
PART #	STUB	A	B	C
SC740EPE06T / SC740EPE06TPC	6" (150 mm)	10.9" (277 mm)	18.5" (470 mm)	---
SC740EPE06B / SC740EPE06BPC			---	0.5" (13 mm)
SC740EPE08T / SC740EPE08TPC	8" (200 mm)	12.2" (310 mm)	16.5" (419 mm)	---
SC740EPE08B / SC740EPE08BPC			---	0.6" (15 mm)
SC740EPE10T / SC740EPE10TPC	10" (250 mm)	13.4" (340 mm)	14.5" (368 mm)	---
SC740EPE10B / SC740EPE10BPC			---	0.7" (18 mm)
SC740EPE12T / SC740EPE12TPC	12" (300 mm)	14.7" (373 mm)	12.5" (318 mm)	---
SC740EPE12B / SC740EPE12BPC			---	1.2" (30 mm)
SC740EPE15T / SC740EPE15TPC	15" (375 mm)	18.4" (467 mm)	9.0" (229 mm)	---
SC740EPE15B / SC740EPE15BPC			---	1.3" (33 mm)
SC740EPE18T / SC740EPE18TPC	18" (450 mm)	19.7" (500 mm)	5.0" (127 mm)	---
SC740EPE18B / SC740EPE18BPC			---	1.6" (41 mm)
SC740ECEZ*	24" (600 mm)	18.5" (470 mm)	---	0.1" (3 mm)

ALL STUBS, EXCEPT FOR THE SC740ECEZ ARE PLACED AT BOTTOM OF END CAP SUCH THAT THE OUTSIDE DIAMETER OF THE STUB IS FLUSH WITH THE BOTTOM OF THE END CAP. FOR ADDITIONAL INFORMATION CONTACT STORMTECH AT 1-888-892-2694.

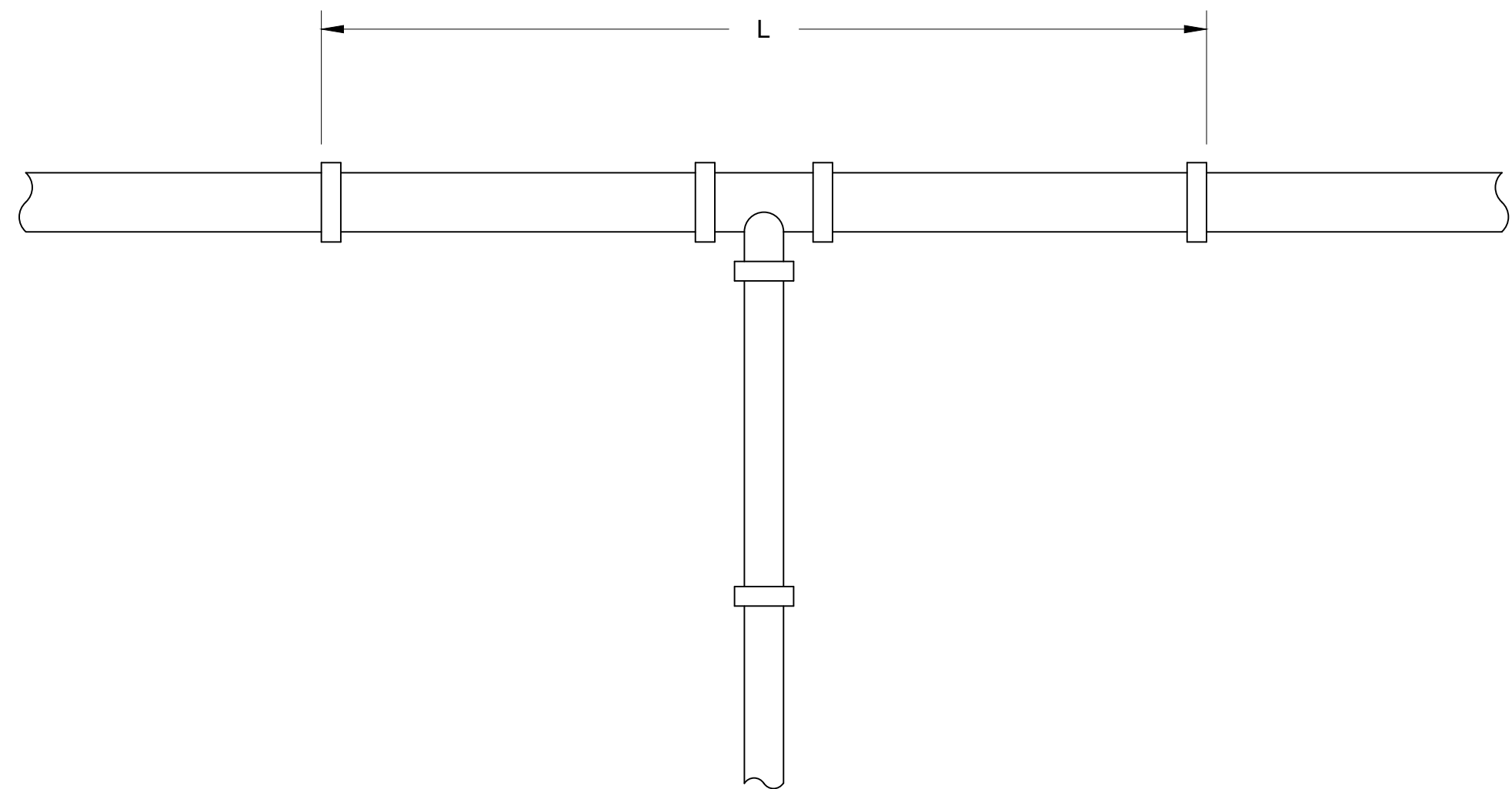
* FOR THE SC740ECEZ THE 24" (600 mm) STUB LIES BELOW THE BOTTOM OF THE END CAP APPROXIMATELY 1.75" (44 mm). BACKFILL MATERIAL SHOULD BE REMOVED FROM BELOW THE N-12 STUB SO THAT THE FITTING SITS LEVEL.

NOTE: ALL DIMENSIONS ARE NOMINAL

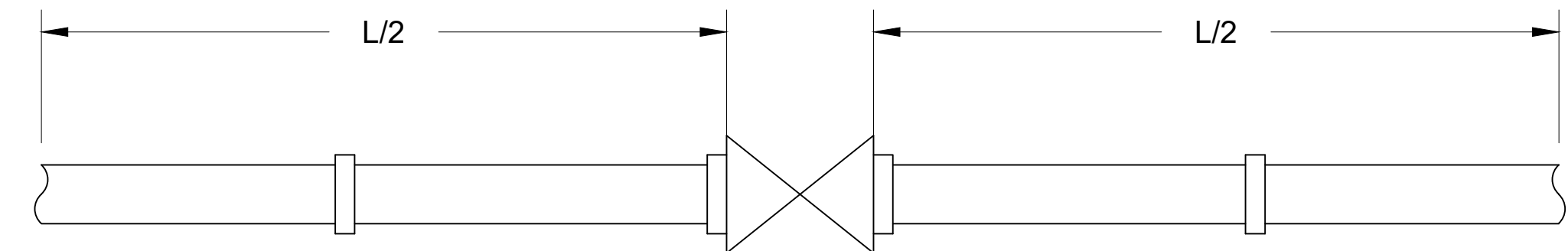
5



BEND



TEE



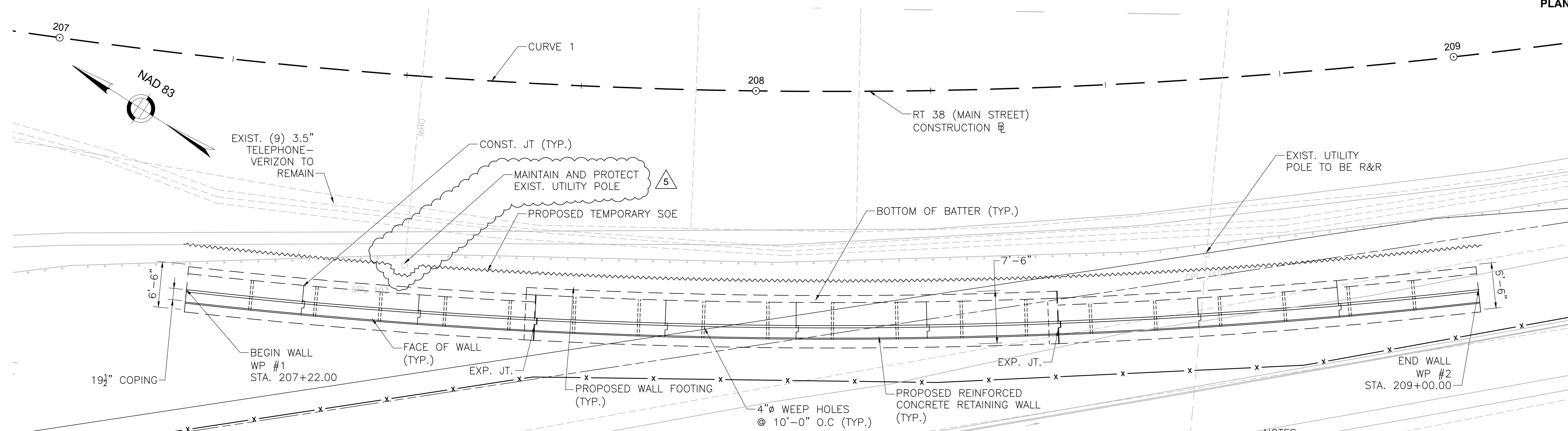
GATE VALVE

CONNECTION	LENGTH	QUANTITY
12"X6" TEE	20	9
12"X8" TEE	30	7
12"X10" TEE	35	1
12"X12" TEE	40	2
11.25° BEND	5	22
22.5° BEND	5	1
45° HORIZ. BEND	10	1
45° VERT. BEND	15	23
GATE VALVE	80	17

12 INCH DUCTILE IRON MECHANICAL JOINT WATER PIPE DETAIL
NOT TO SCALE

WILMINGTON
ROUTE 38 (MAIN STREET)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	STP/CMQ/HSI-0034(030)X	229	394
PROJECT FILE NO.		608051	

RETAINING WALL
PLAN AND ELEVATION

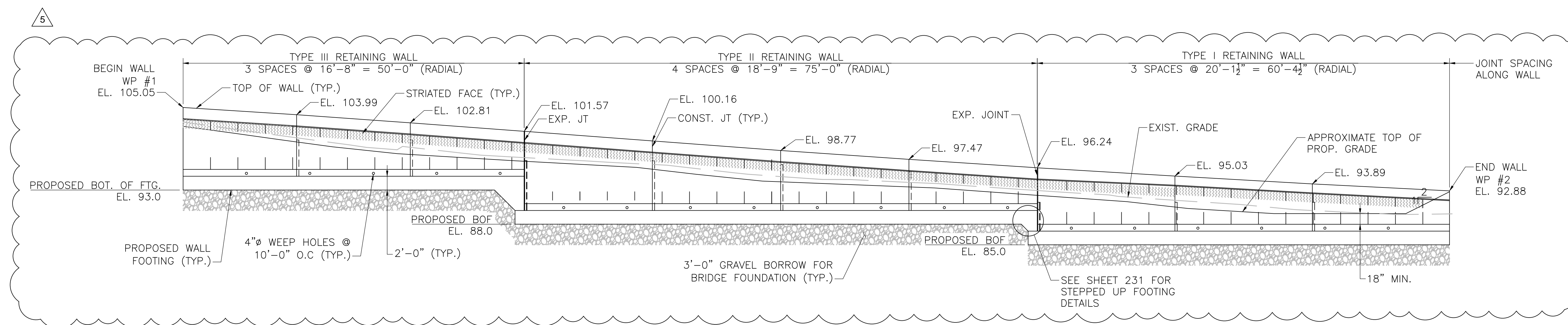
WALL STRUCTURE, WALL NO. 1 PLAN

SCALE: $\frac{1}{8}" = 1'-0"$

RETAINING WALL STRUCTURE NO. 1 WORKING POINT TABLE					
WORKING POINT	DESCRIPTION	STATION	OFFSET	NORTHING	EASTING
WP #1	BEGIN WALL	207+22.00	33.50	3024203.1703	744142.7443
WP #2	END WALL	209+00.00	33.50	3224046.5799	744241.1101

NOTES

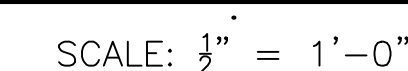
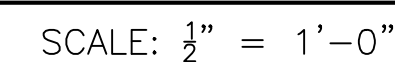
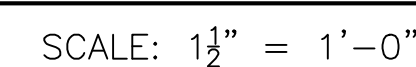
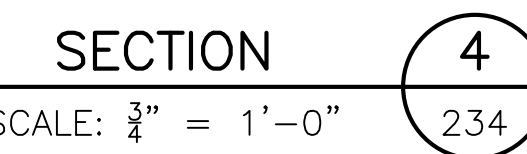
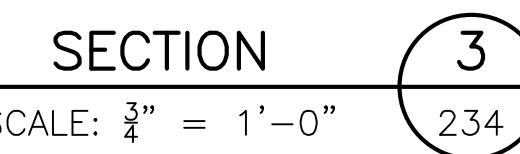
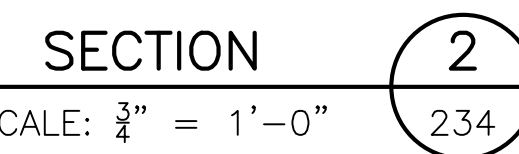
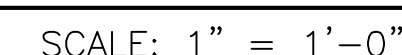
- REFER TO TYPICAL WALL CROSS SECTION ON SHEET 230, AND HIGHWAY CROSS SECTIONS FOR ADDITIONAL INFORMATION.
- TEMPORARY SUPPORT OF EXCAVATION SHALL BE PROVIDED AT THE BACK OF THE WALL, COVERED BY ITEM 950.5. TEMPORARY SUPPORT OF EXCAVATION THAT PROTRUDES BELOW WALL FOUNDATION IS TO BE CUT AT TOP OF FOOTING ELEVATION AND LEFT IN PLACE.
- SEE SHEETS 19 AND 20 FOR CONSTRUCTION ALIGNMENT DETAILS.
- CONTRACTOR TO VERIFY TOP OF PROPOSED WALL ELEVATIONS IN THE FIELD BEFORE ORDERING ANY MATERIAL.
- CURVE DATA IS FOR RETAINING WALL ALIGNMENT.
- SUPPORT FOR UTILITY POLES AND UNDERGROUND UTILITIES IS INCIDENTAL TO WORK.



WALL STRUCTURE, WALL NO. 1 ELEVATION

SCALE: $\frac{1}{8}" = 1'-0"$

**SPECIAL DRAINAGE STRUCTURE
NO. 1 DETAILS**



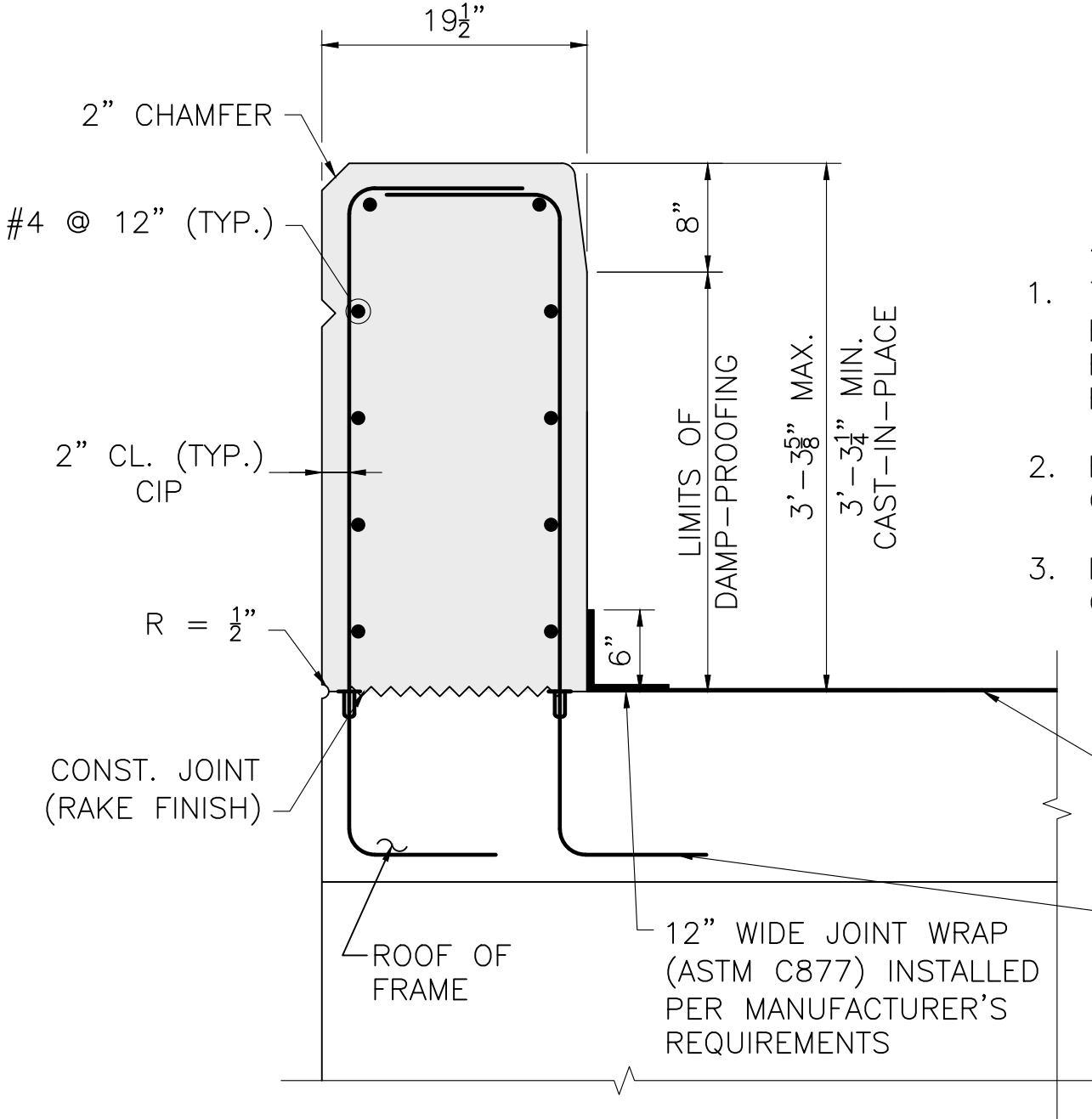
WILMINGTON
ST 38 (MAIN STREET) OVER MAPLE MEADOW BROOK

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	STP/CMQ/HSI-0034(030)X	255	26
PROJECT FILE NO. 608051			

TRANSVERSE SECTION AND DETAILS

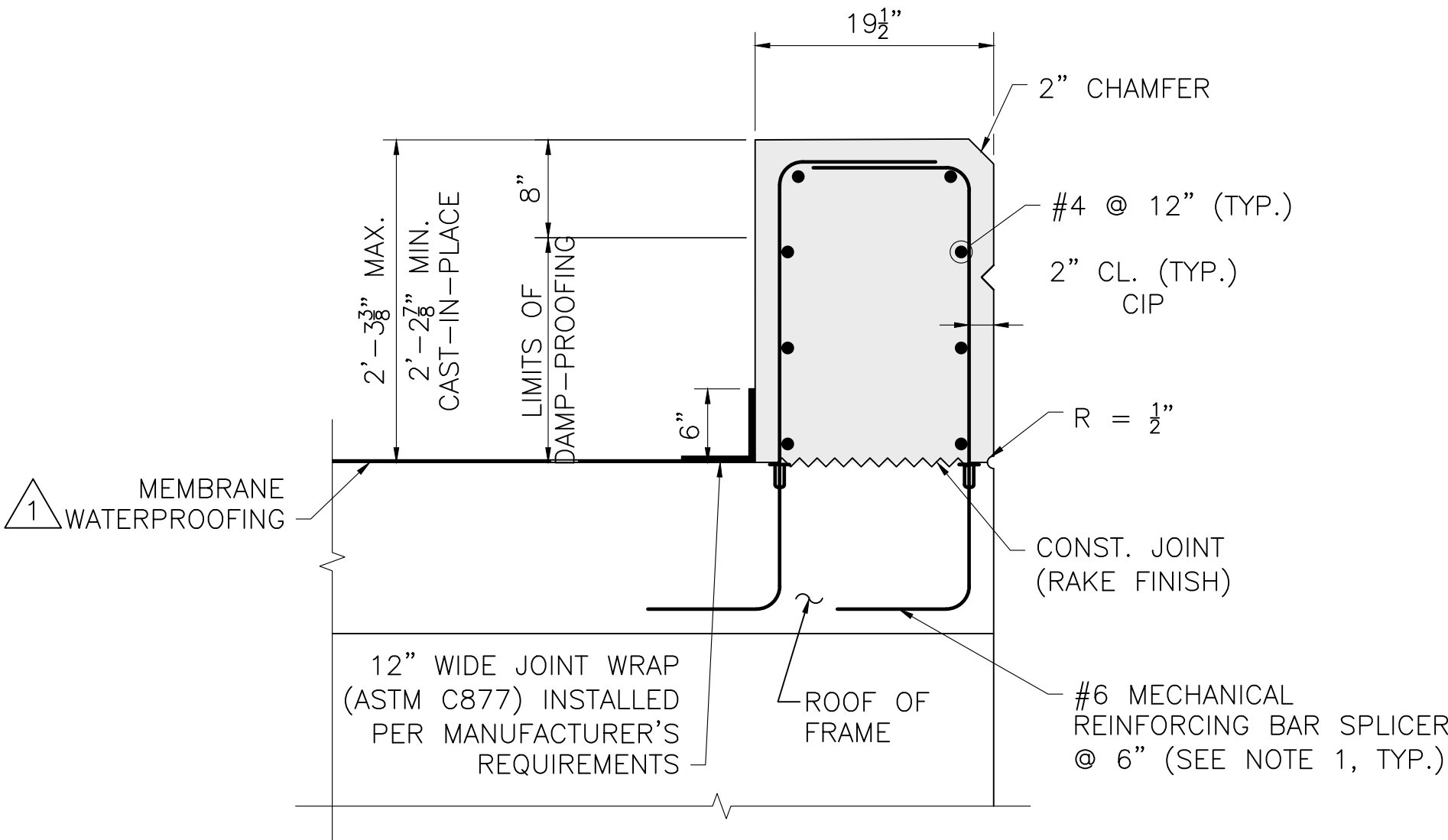
HEADWALL NOTES:

- THE CONTRACTOR MAY SUBSTITUTE EXTENDED #6 HOOPS FOR THE MECHANICAL REINFORCING BAR SPLICERS AND THREADED REBARS AS SHOWN.
- FRAME REINFORCEMENT IS NOT SHOWN FOR CLARITY.
- INSERTS FOR THE UTILITY SUPPORTS SHOWN ON SHEET 22.



EAST HEADWALL DETAILS

SCALE: 1" = 1'-0"



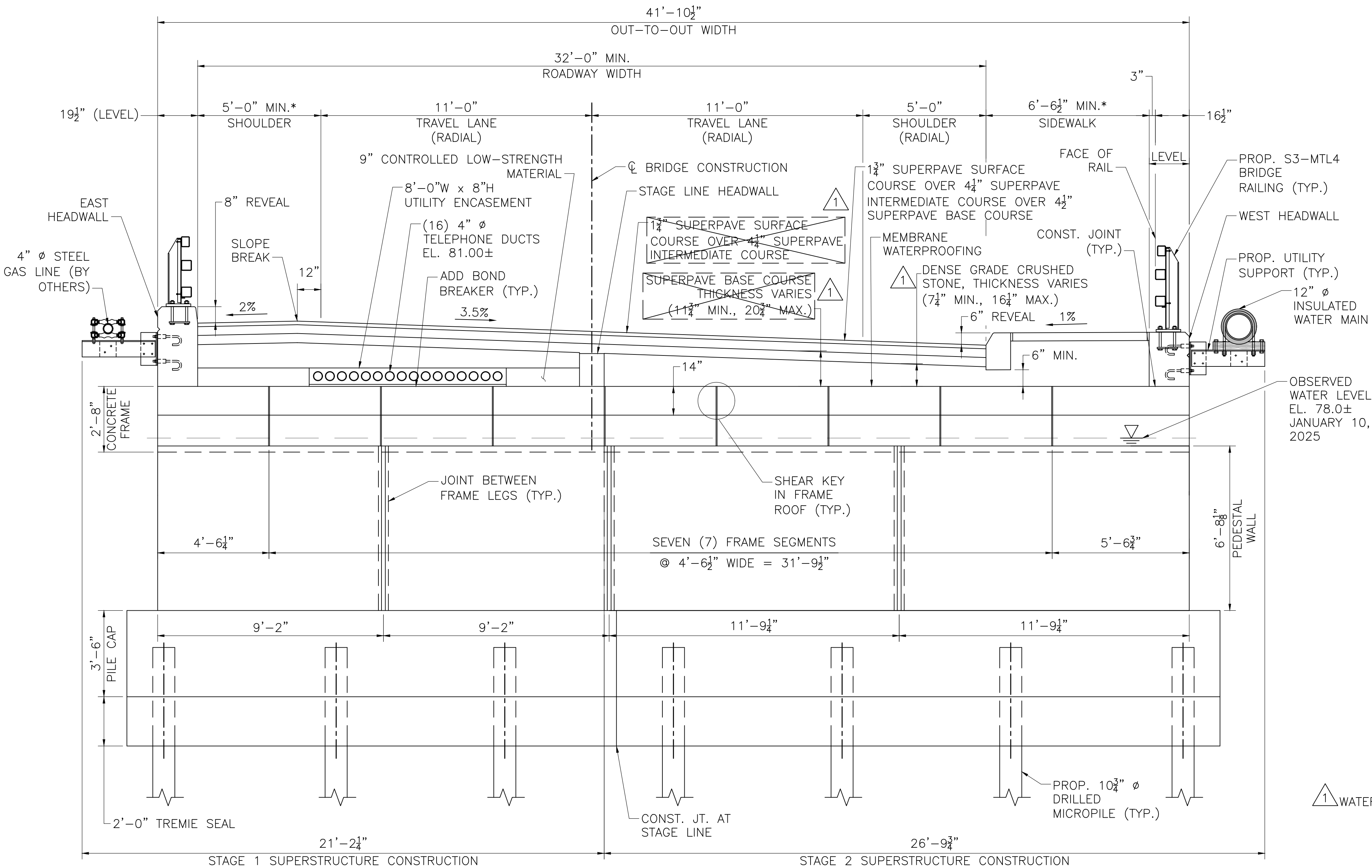
WEST HEADWALL DETAILS

SCALE: 1" = 1'-0"

NOTES:

- REBAR EXTENDING FROM HEADWALL TO BE USED TO PLACE TEMPORARY RETAINING BLOCK. LOCATIONS TO BE ADJUSTED BASED ON TEMPORARY RETAINER BLOCK USED, WHILE MAINTAINING THE MINIMUM SPACING REQUIRED. REBAR TO BE CUT DOWN FLUSH WITH TOP OF HEADWALL IN FINAL CONDITION AND TOUCH UP EPOXY COATING TO BE APPLIED TO ENDS.
- FOR ADDITIONAL STAGE LINE HEADWALL DETAILS SEE SHEET 7.

JANUARY 28, 2026	MEMBRANE WATERPROOFING AND SUPERPAVE BASE COURSE MODIFIED
09/13/2025	ISSUED FOR CONSTRUCTION
DATE	DESCRIPTION
THIS SHEET IS APPROVED FOR CONSTRUCTION BY MASSDOT	
AUTHORIZED SIGNATORY: STATE BRIDGE ENGINEER	
USE ONLY PRINTS OF LATEST DATE	

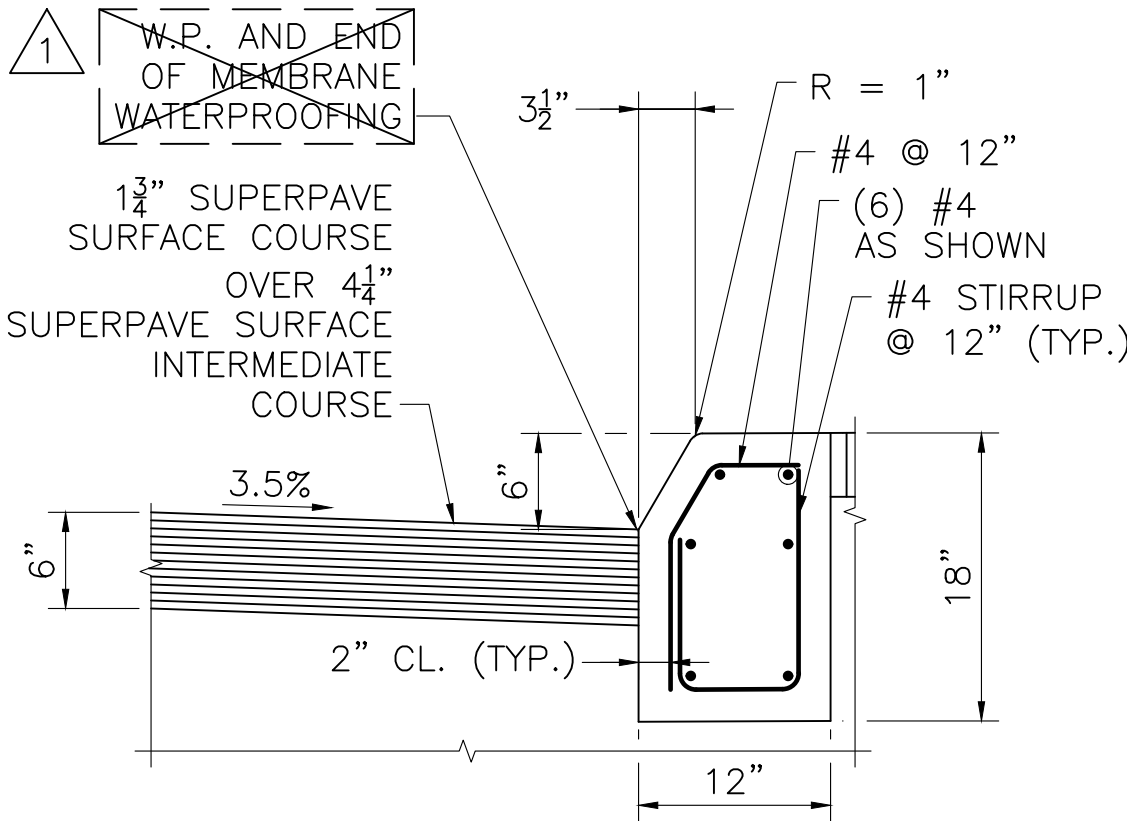


NOTE:

* INDICATES DIMENSIONS THAT VARY SLIGHTLY DUE TO HORIZONTAL CURVE GEOMETRY

TYPICAL BRIDGE SECTION

SCALE: 3/8" = 1'-0"

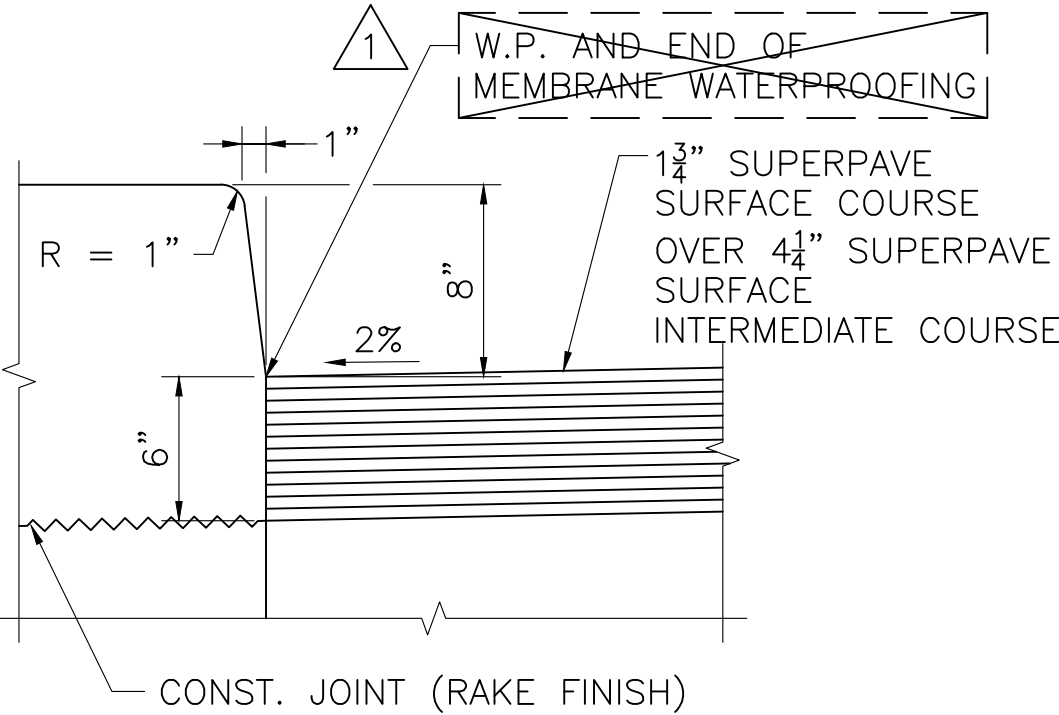


NOTE:

CAST-IN-PLACE CONCRETE CURB FOR BRIDGE LIMITS TO BE 5000 PSI HP CONCRETE AND INCLUDED UNDER ITEM NO. 995.01.

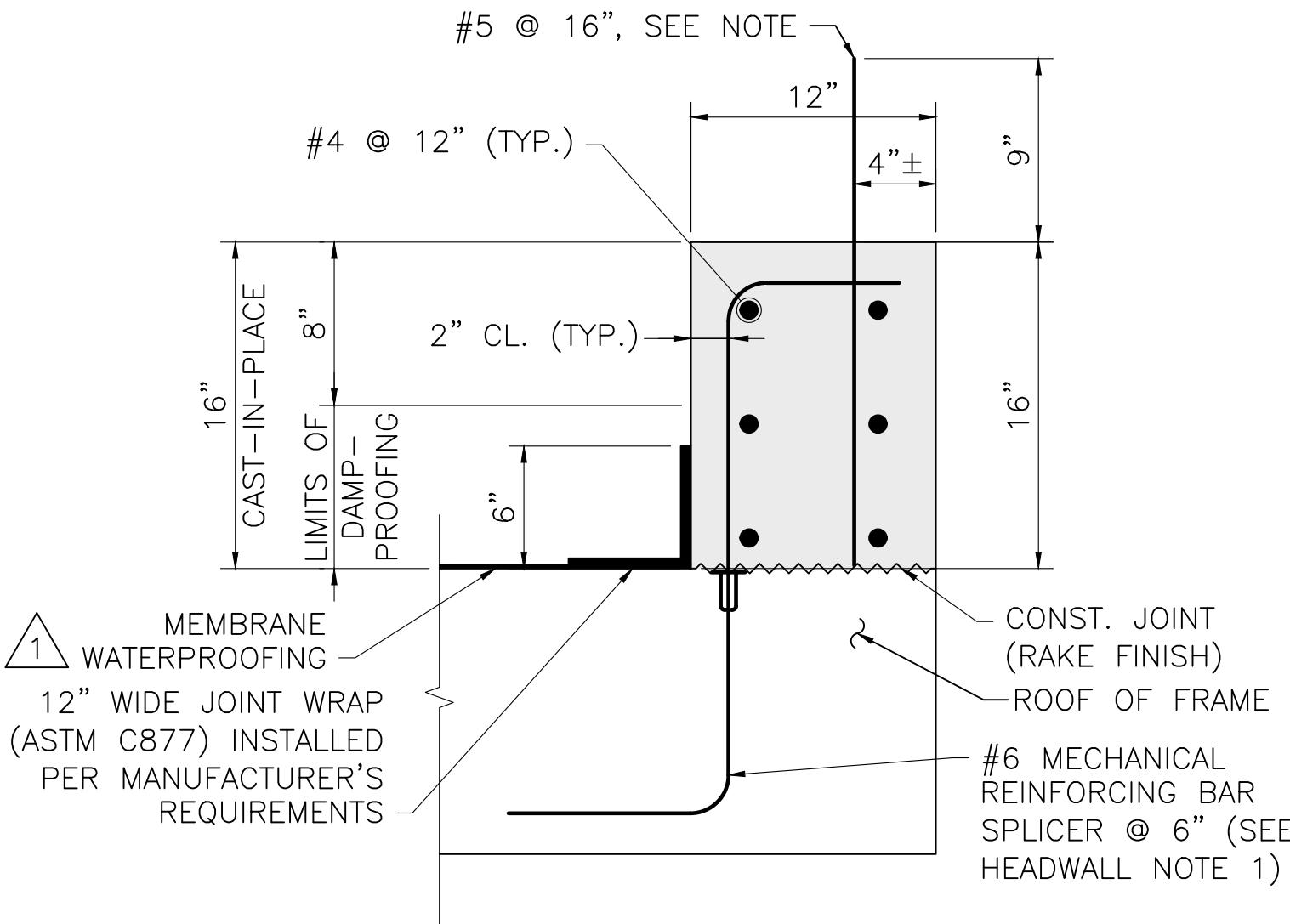
FACE OF SIDEWALK CURB DETAILS

SCALE: 1" = 1'-0"



FACE OF SAFETY CURB DETAILS

SCALE: 1 1/2" = 1'-0"

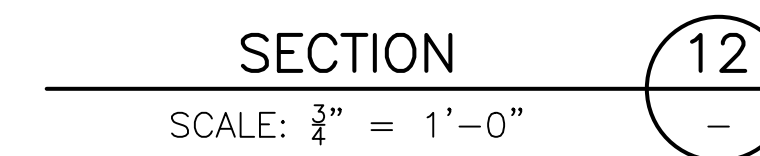


STAGE LINE HEADWALL DETAILS

SCALE: 1 1/2" = 1'-0"

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	STP/CMQ/HSI-0034(030)X	256	26
PROJECT FILE NO.		608051	

Final Structural Submittal (SF) 10-November-2025



SHEET 21 OF 26 SHEETS BRIDGE NO. W-38-011 (CVE)