MAINE TURNPIKE AUTHORITY

ADDENDUM NO. 3

CONTRACT 2022.07

INTERCHANGE IMPROVEMENTS
SACO (EXITS 35 & 36)
MM 34.7 TO MM 36.6

The bid opening date has been changed to Tuesday November 22, 2022 at 11:00 am.

The following changes are made to the Proposal, Specifications, and Plans.

GENERAL

All questions regarding Contract 2022.07 shall be submitted by November 15, 2022 at 12:00 pm. Questions received after that time may not be answered.

PROPOSAL

- N/A

SPECIAL PROVISIONS

- Page N-1 (previously revised in Addendum No. 1): The bid opening date has been changed to November 22, 2022.
- Page SP-2, Section 103.4 Notice of Award: The Maine Turnpike Authority Board is expected to consider the contract award within 7 days of bid opening.

PLANS

- Plan Sheet 243 of 735, OVERHEAD SIGN FOUNDATION DETAILS (2 OF 3), has been deleted in its entirety and replaced with Plan Sheet 243 of 735, included in this addendum.
- Plan Sheet 599 of 735, I-195 UNDERPASS SOIL NAIL WALL DETAILS, has been deleted in its entirety and replaced with Plan Sheet 599 of 735, included in this addendum.
- Plans Sheet 645 of 735, ELECTRICAL & MECHANICAL BOOTH DETAILS, has been deleted in its entirety and replaced with Plan Sheet 645 of 735, included in this addendum.

QUESTIONS

1. Question: Can you provide information on the wireway in the booth pit?

   Answer: The following note should be added in pen and ink to Sheets 647 and 648 of 735.

   7. Conduit penetrations into the booth pit are not shown. Prior to the placement of concrete the Contractor shall submit installation drawings showing the exact location of all conduits into the booth pit walls, and the exact location of all junction boxes and/or wireways around the interior of the booth pits. The drawings shall also show the exact location and size of Conduit penetrations and wireways through the booth pit floor leading to the equipment in the interior of the booth. All Conduit and wireways in the booth pit will be measured and paid under the respective 655 pay items. Conduit from the booth pit to the bottom of the toll equipment and subpanels will also be measured and paid under the respective 655 pay items.

2. Question: What is the type and size of junction boxes on the booth curtain wall on islands A & B?

   Answer: The following note should be added in pen and ink to Sheets 647 and 648 of 735.

   7. Junction Boxes for communication and power for islands A & B shall be Type C and shall be paid under item 655.22. Junction Boxes for communication and power for islands C shall be 24”x36” quazite and shall be placed on top of well-draining material such that water doesn’t penetrate into the conduit sweeps.

3. Question: On sheet S-500 of the contract plans the NB administration building footings are shown at 1' thick however in the typical building sections they are shown at 18". Please confirm footing thickness.

   Answer: Northbound Administration building footing thickness is 1'-0" as noted on Sheet S-500.

4. Question: Who provides, paints, and installs plywood backboards in the electrical/comm rooms of the utility buildings?

   Answer: The Contractor is responsible for providing, painting, and installing backboards in accordance with Special Provision 800 (Toll Administration Building) (Utility Building).

5. Question: Can you provide some additional information on the exterior light fixture on the Utility Building please?

   Answer: The contractor can select and provide a fixture for Utility Building as described on Plant Sheet 725 of 725 and Special Provision 800 (Toll Administration Building) (Utility Building).

6. Question: Can you provide specifications for the motion sensors and low voltage switch you are requesting for lighting control in the Admin Utility Buildings?.

   Answer: System may utilize: power packs, room controllers, or Control Panels, as noted in the plans and described in Section 260923 of the building specs. See E001 for lighting control symbols and notes.

7. Question: Do you need an emergency pushbutton for generator shutdown on the exterior of the buildings?

   Answer: Yes, See EPO on one-line on sheet E002.

8. Question: As this is a very large project, we are having difficulties securing subcontract & material pricing for this project. Would it be possible to extend the Bid Date a couple days to later in the week (Thursday) or Tuesday the following week?

   Answer: The Bid Opening will be changed to 11/22/2022 and award will be changed to 12/22/2022. Questions will be accepted until 11/15/2022 as noted in Addendum No. 3.

9. Question: Can we please get a clarification on our "actual" scope of work for both the Natural Gas Service (NB) & Propane Service (SB)? The SP only states to "coordinate" with the MTA's vendors. Are these services at no cost to the contractor? i.e. furnishing propane tanks, gas piping, trenching, vendor's fee, filling the tanks?

   Answer: Per Special Provision 633, the contractor shall be responsible for the furnishing and installation of all tanks, pipes, regulators and shut off valves. This also includes all required excavation, bedding material, and backfilling. The actual costs of installing and activating the natural gas line from main to building will be paid for directly by MTA to Unitil. Filling of propane tanks will be by the Authority's propane supplier and will be paid directly by the Authority. Coordination with the MTA's vendors shall include, but not limited to, scheduling and inspection of work.

10. Question: Exit Toll – Plan 10 (sheet 256): I believe we need power to the exit toll cabinet. Can you specify conductor sizes please?

    Answer: See Plan Sheets 647 to 660 of 735 for Gantry power conductor sizes.

11. Question: NB Admin Toll – Sheet 727: Would you like the generator annunciator in the NB Admin Building or the Utility Building?

    Answer: The generator annunciator shall be located in the NB administration building. The final location will be provided in a future addendum.

12. Question: What are the anticipated factored and unfactored vertical and horizontal loads applied to the abutment for the design of the soil nail wall?

    Answer: Factored (Strength I) and unfactored (Service I) loads are provided on updated sheet 599 SN-03 in Addendum No. 3.

13. Question: Please clarify which is correct:
    Sheet #271 Note #3 states that "Mast Arm Foundations" will be paid under Bid Items #626 Foundations - CY.
    Sheet #609 Note #25 states that "Mast Arm Foundations" will be paid under Bid Item #502.266 Structural Concrete – LS.?

    Answer: Both notes are correct. Drilled shaft mast arm foundations for traffic signals are paid under the 626 items. The pedestal and foundation concrete for the exit toll gantry at the NB Plaza and the dual-purpose mast arm at the SB Exit Toll Point are paid under Item 502.266.

14. Please confirm that all Overhead Sign Foundations will be paid under the appropriate #645 Overhead Sign Bid Items and not under #626 Bid Items?

    Answer: Yes, overhead sign structure foundations are paid under the appropriate 645.15 items. Note #2 on sheet 243 has been revised to say structures instead of bridges in Addendum No. 3.

15. we have a question about the 033000 section for the project. On page 7 section 2.02 note "C" sub note "g". States that submit the results for Alkali Silica test of fine and coarse aggregate every 3 months. Is that required? We do this test for our own purposes and other specs only require this test to be done once every two years. Also, we do it with cement only know that that this value will be worst case value for our plant. Are we required to do this every 3 months. The test itself take 28 days to perform and costs $700+ for one and to do a fine and coarse would mean double the cost.

    Answer: The test is not required every 3 months. In Pen and ink delete Note g. in the spec section 2.02 C, and replace with the following:

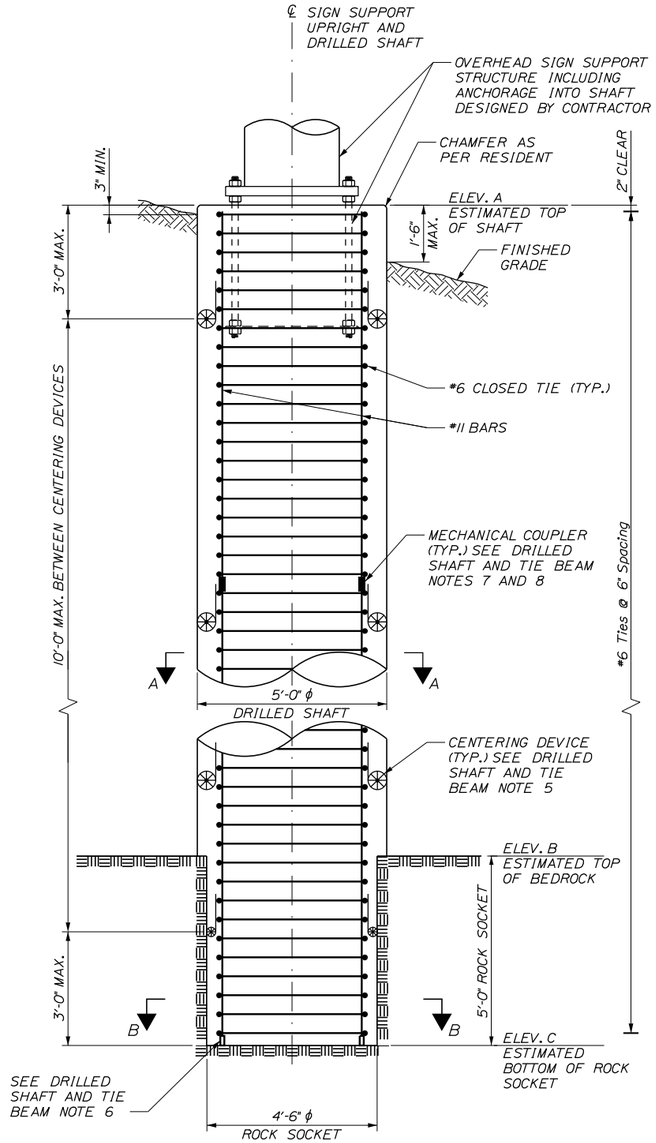
    g. Submit test results of ASTM C 1260 alkali silica testing of fine and course aggregate from within the last 3 years.

16. Please provide a drawing for the wiring in the existing 3" conduit shown on Sheet 261.

Answer: This conduit was installed under Contract 2022.02. The plans for this project are available on the MTA website.

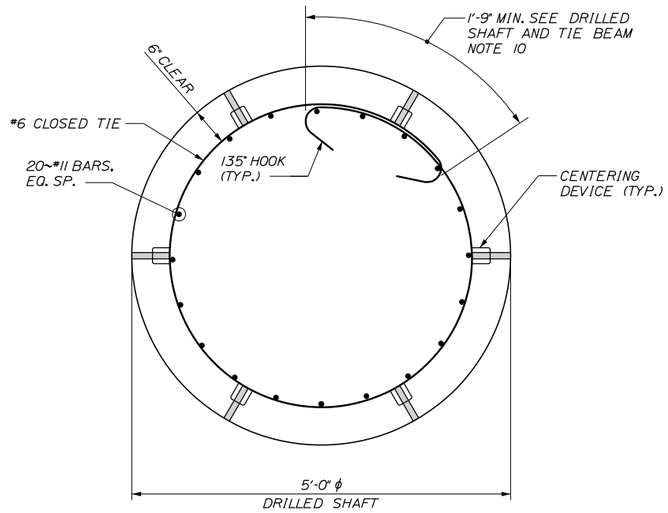
ATTACHMENTS

- Plans (3 Pages)



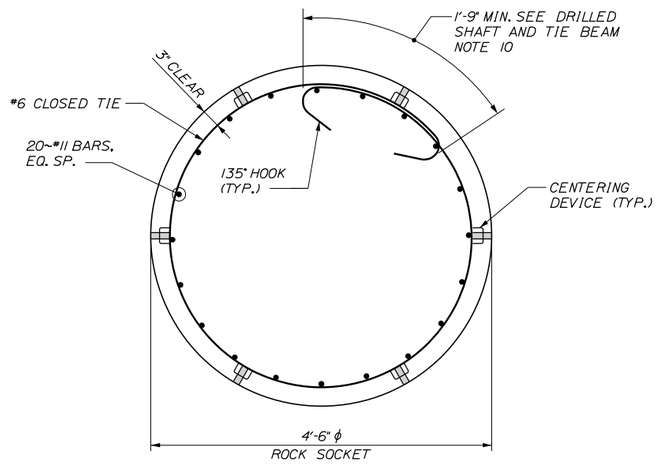
ELEVATION - DRILLED SHAFT FOUNDATION FOR OVERHEAD CANTILEVER SIGN

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



SECTION A-A

SCALE: 1" = 1'-0"



SECTION B-B

SCALE: 1" = 1'-0"

OVERHEAD SIGN STRUCTURE FOUNDATION NOTES

1. ALL FOUNDATIONS SHALL BE CONSTRUCTED AS SHOWN ON THESE PLANS AND IN ~~ACCORDANCE~~ (1) (STRUCTURES) WITH SPECIAL PROVISION 645.
2. OVERHEAD SIGN ~~BRIDGES~~ AND THEIR FOUNDATIONS SHALL BE PAID UNDER THE ~~APPROPRIATE~~ 645.12 ITEMS. OVERHEAD CANTILEVER SIGN SUPPORT STRUCTURES AND THEIR FOUNDATIONS SHALL BE PAID UNDER THE APPROPRIATE 645.15 ITEMS.
3. ALL CONCRETE USED FOR OVERHEAD SIGN STRUCTURE FOUNDATIONS (INCLUDING DRILLED SHAFTS, TIE BEAMS, STEMS AND FOOTINGS) SHALL BE CLASS 'AAA' CONCRETE (f'c = 4,500 PSI) AND SHALL CONFORM TO MTA SUPPLEMENTAL SPECIFICATION 502.
4. ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60, EPOXY COATED AND SHALL CONFORM TO MAINEDOT STANDARD SPECIFICATION 503. REINFORCEMENT SCHEDULES AND REINFORCING STEEL SHOP DRAWINGS FOR ALL OVERHEAD SIGN STRUCTURE FOUNDATIONS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
5. DESIGN FOR OVERHEAD CANTILEVER AND SIGN BRIDGE TRUSS STRUCTURES INCLUDING ANCHORAGES SHALL BE PROVIDED BY THE CONTRACTOR PER SPECIAL PROVISION 645 AND SHALL BE STAMPED AND SIGNED BY AN ENGINEER LICENSED IN THE STATE OF MAINE. SUBMIT DESIGN CALCULATIONS INCLUDING SUPPORT REACTIONS AT THE TOPS OF THE FOUNDATIONS TO THE ENGINEER FOR REVIEW AND APPROVAL. THE DESIGN BASIC WIND SPEED SHALL BE 129 MPH.
6. REFER TO SIGNING AND STRIPING PLANS AND OVERHEAD SIGN CROSS SECTIONS FOR MOUNTED SIGN TYPES AND STRUCTURE SPANS.
7. CLEAR PROTECTIVE COATING FOR CONCRETE SURFACES, CONFORMING TO MAINEDOT STANDARD SPECIFICATION 515, SHALL BE APPLIED ON ALL EXPOSED CONCRETE PORTIONS OF THE FOUNDATIONS TO A DEPTH OF 12" BELOW GRADE AND SHALL BE INCIDENTAL TO THE SECTION 645 SIGN SUPPORT PAY ITEMS.
8. CONCRETE TIE BEAMS AND SPREAD FOOTING FOUNDATIONS SHALL BE BACKFILLED WITH GRANULAR BORROW (703.19) A MINIMUM OF 18" BEYOND THE PLAN LIMITS OF THE TIE BEAM OR FOOTING.
9. STRUCTURAL AND ROCK EXCAVATION, BACKFILLING, AND COMPACTION SHALL BE IN ACCORDANCE WITH MAINEDOT STANDARD SPECIFICATION 206 AND SHALL BE INCIDENTAL TO THE SECTION 645 SIGN SUPPORT PAY ITEMS.
10. PAYMENT FOR REMOVAL AND RESTORATION OF GRASS DISTURBED BY THE CONSTRUCTION OF THE FOUNDATIONS SHALL BE INCIDENTAL TO THE SECTION 645 SIGN SUPPORT PAY ITEMS.
11. CONTRACTOR SHALL REVIEW THE GEOTECHNICAL ENGINEERING REPORT DATED 5/13/2022 REGARDING EXPECTED SOIL, BEDROCK TYPES, QUALITY, AND STRENGTHS.
12. SEE OVERHEAD SIGN FOUNDATION DETAILS SHEET 1 OF 3 FOR ELEVATIONS AND LOADS FOR THIS DRILLED SHAFT.
13. OVERHEAD SIGN STRUCTURES AND THEIR FOUNDATIONS SHALL BE DESIGNED PER THE AASHTO LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINARIES, AND TRAFFIC SIGNALS, LATEST EDITION.
14. ANCHOR BOLTS SHALL BE SET BY TEMPLATE AND CAST IN FOUNDATION. DRILLING AND GROUTING OF ANCHOR BOLTS SHALL NOT BE PERMITTED.

Date:11/9/2022

Filename: ..._OH_Signs_2_A3.dgn

Contract 2022.07
Addendum No. 3
Page 6 of 8

Scale: AS NOTED

No.	Revision	By	Date
1	REVISED NOTE	JRH	11/22

Designed by: Stantec

CONSULTANT PROJECT MANAGER: LAUREN MEEK, P.E.

	By	Date		By	Date
Designed	LSF	10\22	Checked	EL	10\22
Drawn	LSF	10\22	In Charge of	LEM	10\22

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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

INTERCHANGE IMPROVEMENTS
SACO (EXITS 35 & 36)
OVERHEAD SIGN
FOUNDATION DETAILS (2 OF 3)

SHEET NUMBER: SS-38

CONTRACT:2022.07

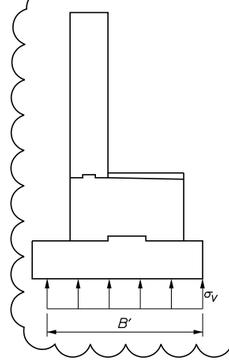
LIMIT STATE	ΣV	ΣH	σ_V	B′
STRENGTH I	46.1 k/ft	4.4 k/ft	5.6 ksf	8.2 ft
SERVICE I	31.7 k/ft	2.8 k/ft	3.8 ksf	8.4 ft

ΣV = SUM OF VERTICAL FORCES PER FT OF ABUTMENT

ΣH = SUM OF HORIZONTAL FORCES PER FT OF ABUTMENT

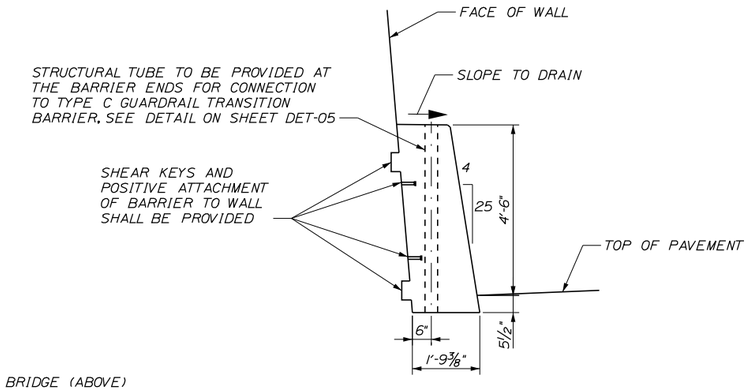
σ_V = UNIFORM SOIL BEARING PRESSURE ACTING OVER B′

B′ = EFFECTIVE FOOTING WIDTH



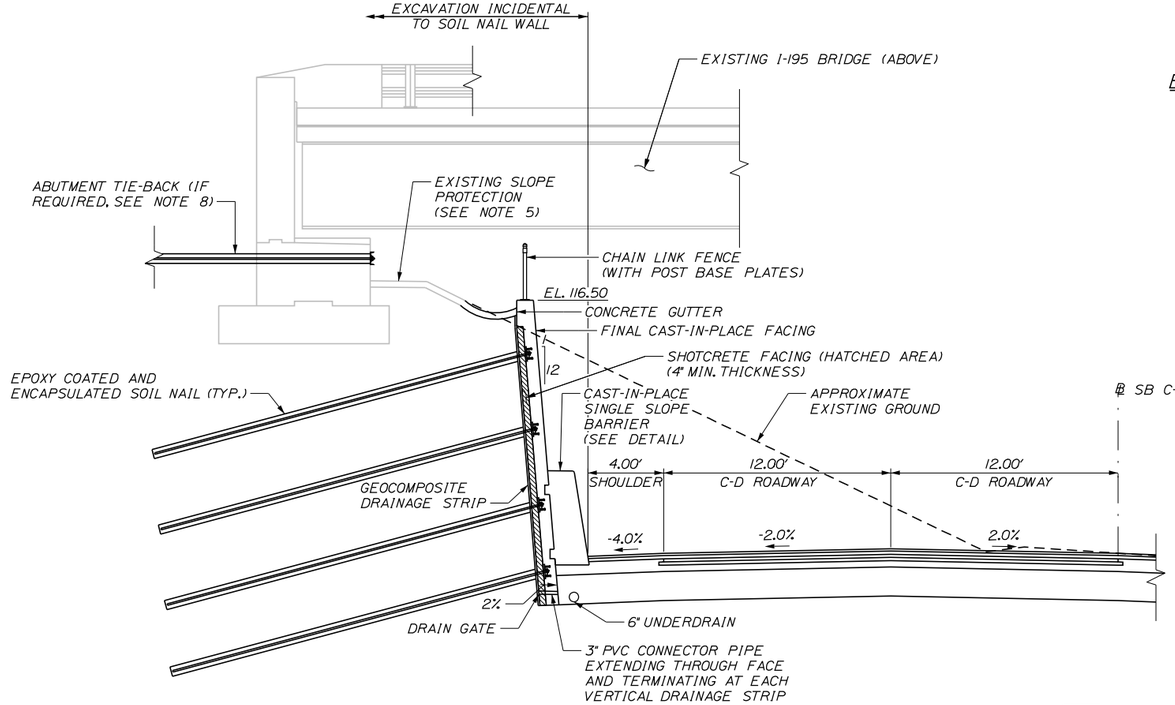
EXISTING I-195 BRIDGE WEST ABUTMENT LOADS

SCALE: NTS



BARRIER DETAIL

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

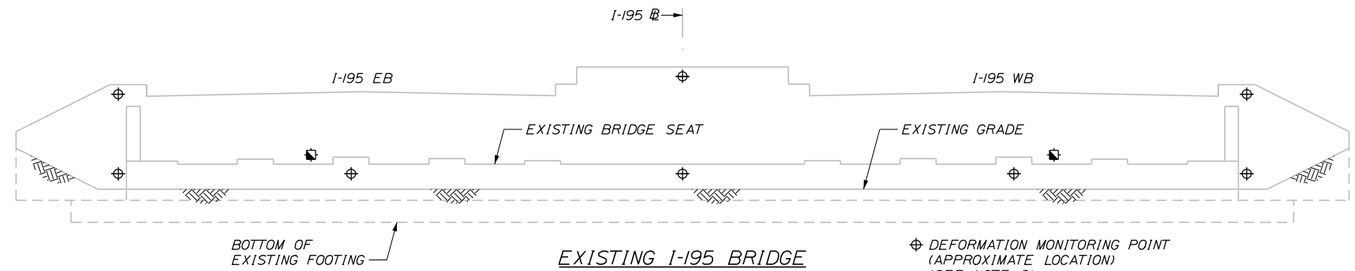


MAINE TURNPIKE
SB COLLECTOR - DISTRIBUTOR ROADWAY
STA. 2743+20± TO STA. 2745+95±

SCALE: 1/4" = 1'-0"

SOIL NAIL RETAINING WALL NOTES

1. DESIGN OF THE SOIL NAIL RETAINING WALL SHALL BE COMPLETED IN ACCORDANCE WITH SPECIAL PROVISION 636 - DESIGN OF SOIL NAIL WALL AND THE RECOMMENDATIONS OF THE GEOTECHNICAL DESIGN REPORT PREPARED BY STANTEC, ENTITLED "FINAL GEOTECHNICAL ENGINEERING REPORT, MAINE TURNPIKE EXIT 35 AND 36 INTERCHANGE IMPROVEMENTS, SACO, MAINE." DESIGN OF THE SOIL NAIL RETAINING WALL SHALL BE PAID FOR UNDER ITEM 636.400.
2. PRECONSTRUCTION SURVEY, INSTRUMENTATION AND MONITORING OF TILTMETERS AND DEFORMATION MONITORING POINTS (DMPS) ON THE SOIL NAIL WALL AND THE EXISTING I-195 WEST BRIDGE ABUTMENT SHALL BE IN ACCORDANCE WITH SPECIAL PROVISION 636 - SOIL NAIL CONSTRUCTION MONITORING - EXISTING BRIDGE AND SHALL BE PAID FOR UNDER ITEM 636.401.
3. CONSTRUCTION OF THE SOIL NAIL RETAINING WALL SHALL BE COMPLETED IN ACCORDANCE WITH SPECIAL PROVISION 636 - SOIL NAIL WALL AND SHALL BE PAID UNDER ITEM 636.411. ANY WALL PROJECTIONS BEYOND THE LIMITS SHOWN, TO ACCOMMODATE SPACING OF WALL FACING WILL BE CONSIDERED INCIDENTAL TO THIS ITEM.
4. DESIGN AND DETAILING OF THE SINGLE-SLOPE BARRIER, INCLUDING REINFORCEMENT, JOINT DETAILS AND ATTACHMENT DETAILS TO THE SOIL NAIL WALL SHALL BE INCIDENTAL TO ITEM 636.400. BARRIER REINFORCEMENT SIMILAR TO THAT SHOWN IN SECTION A-A ON SHEET DET-06 SHALL BE PROVIDED AS A MINIMUM.
5. THE CONTRACTOR SHALL DETERMINE THE REQUIRED REMOVAL LIMITS OF THE EXISTING CONCRETE SLOPE PROTECTION NECESSARY FOR CONSTRUCTION OF THE SOIL NAIL WALL. DESIGN AND DETAILING OF THE PROPOSED CONCRETE GUTTER AND NEW PORTIONS OF CONCRETE SLOPE PROTECTION TO MATCH EXISTING SHALL BE INCIDENTAL TO ITEM 636.400.
6. REMOVAL OF PORTIONS OF THE EXISTING CONCRETE SLOPE PROTECTION AND CONSTRUCTION OF THE SINGLE-SLOPE BARRIER, CHAIN LINK FENCE, DRAINAGE STRIPS, CONCRETE GUTTER, AND NEW CONCRETE SLOPE PROTECTION SHALL BE INCIDENTAL TO ITEM 636.411.
7. THE CONTRACTOR SHALL TAKE ALL MEASUREMENTS NECESSARY TO PROTECT THE EXISTING I-195 BRIDGE AND ANY EXISTING UTILITIES FROM DAMAGE THROUGH THE ENTIRE CONSTRUCTION OPERATION. ANY AND ALL DAMAGE TO THE EXISTING I-195 BRIDGE STRUCTURES OR EXISTING UTILITIES CAUSED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT THEIR OWN EXPENSE, AT NO ADDITIONAL COST TO THE AUTHORITY.
8. THE CONTRACTOR SHALL TAKE NOTE THAT THE EXISTING I-195 WEST BRIDGE ABUTMENT IS FOUNDED ON A SPREAD FOOTING AND MAY REQUIRE SUPPLEMENTAL TIE-BACK ANCHORAGES TO MEET THE ABUTMENT HORIZONTAL AND VERTICAL MOVEMENT CRITERIA CONTAINED IN THE SPECIAL PROVISIONS. THE DESIGN OF THE SOIL NAIL WALL SYSTEM SHALL ACCOUNT FOR THE STRESSES APPLIED BY THE EXISTING BRIDGE FOOTING. THE DESIGN AND CONSTRUCTION OF ANY REQUIRED ABUTMENT TIE-BACK ANCHORAGE SYSTEMS SHALL BE INCIDENTAL TO ITEMS 636.400 AND 636.411, RESPECTIVELY.
9. FOR PLAN LOCATION AND DETAILS OF THE EXISTING I-195 WEST BRIDGE ABUTMENT, SEE BRIDGE PLAN, SHEET NO. 7 OF 16 ENTITLED "STATE OF MAINE DEPARTMENT OF TRANSPORTATION, ROUTE 195 OVER MAINE TURNPIKE, ABUTMENTS."



EXISTING I-195 BRIDGE WEST ABUTMENT ELEVATION

SCALE: NTS

⊕ DEFORMATION MONITORING POINT (APPROXIMATE LOCATION) (SEE NOTE 2)

TILTMETER (APPROXIMATE LOCATION) (SEE NOTE 2)

No.	Revision	By	Date
1	ADDED ABUTMENT LOADS	PAG	11/22

Scale: AS NOTED

Designed by: Stantec

CONSULTANT PROJECT MANAGER: LAUREN MEEK, P.E.

	By	Date		By	Date
Designed	PAG	10\22	Checked	EPL	10\22
Drawn	KLW	10\22	In Charge of	LEM	10\22

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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

INTERCHANGE IMPROVEMENTS SACO (EXITS 35 & 36) I-195 UNDERPASS SOIL NAIL WALL DETAILS

SHEET NUMBER: SN-03

CONTRACT:2022.07

599 OF 735

Date:11/8/2022

Filename: ...\Addendum Changes_SN_03_A3.dgn

Contract 2022.07
Addendum No. 3
Page 7 of 8

Date:11/9/2022

NOTES:

1. PROVIDE NEW CEILING MOUNTED LIGHT FIXTURES IN PROPOSED BOOTHS. LIGHTS SHALL BE CREE CR-LE-32L-35K-10V/SMK-LE-S/SMK-LE-EC. OR APPROVED EQUAL.
2. AT THE PROPOSED BOOTHS, CANOPY LIGHTING CONTROL SWITCHES TO BE INSTALLED ADJACENT TO THE ELECTRICAL COLUMN.
3. IN THE PROPOSED BOOTHS, PROVIDE A 0-10 VOLT DIMMER WIRED TO THE CEILING LIGHTS. WIRE THE BOOTH LIGHTS TO A 20A/1P BREAKER IN THE RESPECTIVE DIRTY POWER PANEL.
4. PROVIDE A COAX OUTLET WITH RG6 CABLE FROM THE BOOTH THROUGH THE DUCT BANK TO THE TELEPHONE BOARD IN THE PLAZA BUILDING.
5. PROVIDE 3 CAT6 NETWORK JACKS WITH CAT6 CABLE EXTENDED THROUGH THE UTILITY CHASE TO THE TELEPHONE BOARD IN THE PLAZA BUILDING.
6. PROVIDE PLUG-STRIP ABOVE THE BOOTH COUNTER. PLUG STRIP SHALL BE LEGRAND #2000 USB SERIES. PLUG STRIP SHALL HAVE A DUPLEX USB JACK AT ONE END AND FOUR 15A, GROUNDED ELECTRICAL OUTLETS SPACED ALONG THE REMAINING LENGTH. WIRE THE PLUG STRIP TO A 20A/1P BREAKER IN THE RESPECTIVE DIRTY POWER PANEL.
7. VERIFY EXACT LOCATION OF ELECTRICAL CONNECTION POINT FOR CUH-1. WIRE CUH-1 TO A 15A/1P BREAKER IN THE RESPECTIVE DIRTY POWER PANEL.
8. PROVIDE 240V-20A/2P WEATHERPROOF DISCONNECT SWITCH AT THE ROOF-TOP HP-1. WIRE HP-1 TO A 20A/2P BREAKER IN THE RESPECTIVE DIRTY POWER PANEL.
9. PROVIDE A 120V, 20A QUAD RECEPTACLE TO BE INSTALLED IN THE ELECTRICAL COLUMN 30" ABOVE THE FLOOR. CONNECT THE RECEPTACLE TO A 20A/1P BREAKER IN THE RESPECTIVE DIRTY POWER PANEL.
10. PROVIDE A 120V, 20A DUPLEX CLEAN POWER RECEPTACLE TO BE INSTALLED BELOW THE COUNTER. THE RECEPTACLES SHALL BE FOR RECEIPT PRINTER AND MLT ONLY.
11. INSTALL 1/2" (SIZE 18 EHD) CORRUGATED STAINLESS STEEL TUBING TO EACH CABINET UNIT HEATER (CUH-1) LOCATED IN THE TOLL BOOTHS FROM THE 16"X16"X8" JUNCTION BOX IN THE CONCRETE BOOTH BUMPER BLOCK. A SECONDARY REGULATOR SHALL BE INSTALLED IN THE CONCRETE BOOTH BUMPER BLOCK JUNCTION BOX. INSTALLATION OF THE 1/2" CORRUGATED STAINLESS STEEL TUBING FROM THE SECONDARY REGULATOR TO CUH-1 AND THE SECONDARY REGULATOR SHALL BE INCIDENTAL.
12. AT THE CABINET UNIT HEATERS, PROVIDE A UL LISTED GAS COCK SHUT OFF VALVE AND A DRIP LEG. PAYMENT WILL BE INCIDENTAL TO THE BOOTH INSTALLATION ITEM 800.40.
13. CONTRACTOR SHALL PROVIDE AN ALUMINUM ENCLOSURE FOR VENT AND COMBUSTION AIR FOR CUH-1.
14. CAULKING AND ETERNABOND EPDM TAPE SHALL BE INSTALLED ALONG THE ROOF MOUNTED ALUMINUM BOXED (VENT AND AH-1).
15. THE ROOF IS NOT DESIGNED FOR POINT LOADS. THE CONTRACTOR SHALL NOT PLACE EQUIPMENT OR WORKERS ON THE ROOF. ACCESS SHALL BE PLANNED ACCORDINGLY.
16. HEAT PUMP OUTDOOR UNIT SHALL HAVE A SALT RESISTANT COATING.
17. PROVIDE A 3 PHASE 100 AMP BOOTH SUB-PANEL FED FROM BUILDING DP-1, BOOTH PANEL SCHEDULES ARE LOCATED IN THE SPECIAL PROVISION APPENDICES.
18. ⚠1 ALL PENETRATIONS THROUGH THE BOOTH FLOOR SHALL BE APPROPRIATELY SIZED (MAX. 1/4" LARGER THAN CONDUIT/PIPE SIZE PENETRATING INTO THE BOOTH PIT). ALL DRILLED PENETRATIONS SHALL BE INCIDENTAL TO PAY ITEMS 800.401 AND 800.402 AS APPROPRIATE. ALL LOCATIONS AND SIZES SHALL BE APPROVED BY THE RESIDENT PRIOR TO INSTALLATION.

HEAT PUMP INDOOR UNIT SCHEDULE

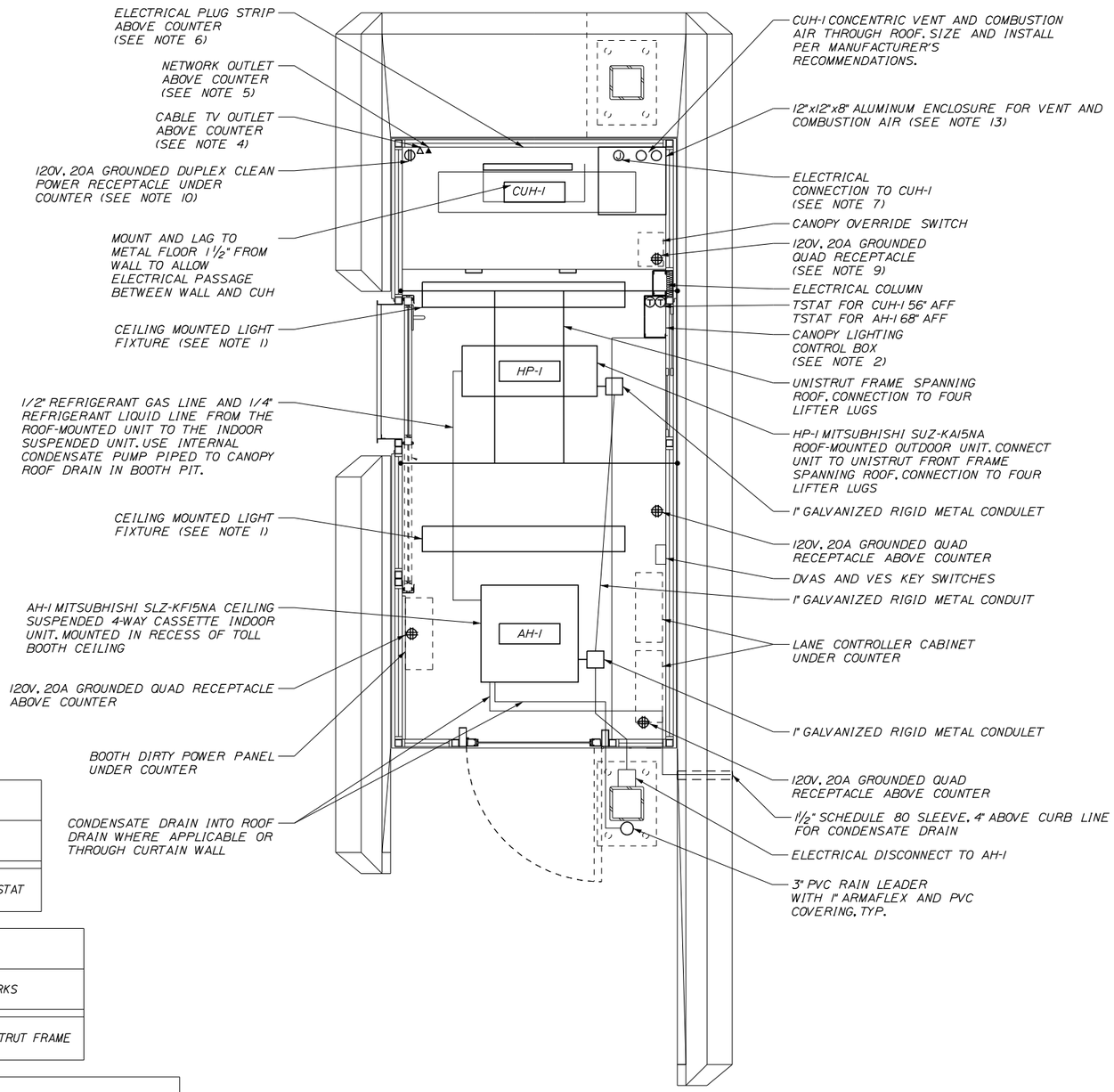
TAG	DESIGN MANUFACTURER AND MODEL	CFM	ELECTRIC		REFRIGERANT	WEIGHT (LBS)	REMARKS
			POWER	AMPS			
AH-1	MITSUBISHI SLZ-KF15NA	221 - 365	208/60/1	0.40	410A	37 LBS	4-WAY CEILING CASSETTE WITH WIRED THERMOSTAT

HEAT PUMP OUTDOOR UNIT SCHEDULE

TAG	DESIGN MANUFACTURER AND MODEL	NOMINAL TONS	COOLING BTUH	HEATING BTUH **	ELECTRIC			REFRIGERANT	WEIGHT (LBS)	REMARKS
					POWER	MCA	MOP			
HP-1	MITSUBISHI SUZ-KA15NA2	1.25	14,100	18,000	208/60/1	10	15	410A	88 LBS	MOUNT ON UNISTRUT FRAME

CABINET UNIT HEATER SCHEDULE

TAG	DESIGN MANUFACTURER AND MODEL	BTUH INPUT	BTUH OUTPUT	AFUE	FUEL	WATTS	POWER	REMARKS
CUH-1	RINNAI EX22CT	8,200 - 20,700	6,560 - 16,560	81%	LP GAS. (NB) PROPANE (SB)	56	120/60/1	DIRECT VENT WALL FURNACE WITH WIRED THERMOSTAT



PROPOSED TOLL BOOTH
SCALE: 3/4"=1'-0"

Scale: AS NOTED

No.	Revision	By	Date
⚠1	ADDED NOTE	JRH	11/22

Designed by: Stantec

CONSULTANT PROJECT MANAGER: LAUREN MEEK, P.E.

	By	Date		By	Date
Designed	PAG	10\22	Checked	EPL	10\22
Drawn	JTB	10\22	In Charge of	LEM	10\22

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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

INTERCHANGE IMPROVEMENTS SACO (EXITS 35 & 36) TOLL PLAZA ELECTRICAL & MECHANICAL BOOTH DETAILS

SHEET NUMBER: TP-37

CONTRACT:2022.07

645 OF 735

Filename: ...\Addendum Changes_TP-37_A3.dgn

Contract 2022.07
Addendum No. 3
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