

February 18, 2013

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATION
DEPARTMENT OF TRANSPORTATION
RHODE ISLAND CONTRACT NO.2013-CB-032
FEDERAL-AID PROJECT NO. FAP Nos: STP-FRIP(260)

Wellington Ave Br Mitigation Phase II (FRIP C-2B)

FRIP 270+83 TO 423+55.32
CITY/TOWN OF Warwick and Cranston
COUNTY OF KENT AND PROVIDENCE

NOTICE TO PROSPECTIVE BIDDERS

ADDENDUM NO. 2 Prospective bidders and all concerned are hereby notified of the following changes in the Plans, Specifications, Proposal and Distribution of Quantities for this contract. These changes shall be incorporated in the Plans, Specifications, Proposal and Distribution of Quantities, and shall become an integral part of the Contract Documents.

A. Clarification

1. Addendum 1 Clarification

The attached documents were originally intended to be included in Addendum 1 and are now being attached as a clarification to Addendum 1.



RI Department of Transportation
Chief Engineer *ron*

Minimal Use of Foreign Steel. Section 635.410(b)(4) of Title 23 CFR permits a minimal amount of foreign steel to be incorporated into a Federal-aid project. This amount is defined as one-tenth of one percent (0.1 percent) of the total contract cost or \$2,500, whichever is greater. The cost of the foreign steel is defined as its value delivered to the project.

6. SPECIALTY ITEMS

No specialty items are anticipated

7. NOTICE TO CONTRACTORS

A. Contract Submittal List (CSL)

The following submittals have been designated as critical submittals and thus shall be submitted within 30 calendar days from the Notice to Proceed.

- a. 824.0421 AASHTO M270 Grade 50 Steel Furnish Fab. & Erect Rolled Simple Spans
- b. 824.9901 Walkway Grating
- c. 825.8041 Painting Structural Steel
- d. 903.9901 Chain Link Fence 4' Standard 31.1.0 Modified
- e. 999.9901 Temporary Access Road
- f. L06.9920 Invasive Plant Species Information

B. Plans and Shop Drawings

The Contractor shall note specification "12.105.02 Plans and Shop Drawings". The Contractor shall submit duplicate Shop Drawings (two copies per submittal) directly to the attention of the Consulting Engineer (AECOM, 10 Orms St., Suite 405, Providence RI 02904, Attn: Robert Wright, P.E.) simultaneously with each of his official submittals to the State.

- C. Contractor should be aware that RIDOT will be pre-characterizing the soil to allow the contractor to excavate, load and remove the soil from the site eliminating the need for stockpiles.
- D. Contractor shall coordinate with the Resident Engineer who will then contact the Environmental Compliance Monitor, hired by RIDOT, prior to any activities related to the wetland mitigation or any changes in schedule.
- E. Only acceptable dates for seeding are September 1st through September 15th
- F. Contractor is required to conduct an invasive species survey in accordance with L06.9920 Invasive Plant Species Information.
- G. Contractor must construct Temporary Access Road in accordance with 999.9901.

8. SUGGESTED SEQUENCE OF CONSTRUCTION

PHASE I - Work Associated with Wetland Restoration and Habitat Enhancement Areas

1. Upon establishment of the final surface grades and obtaining RIDOT approval, the wetland portions of the site will be hand seeded with a wetland seed mix in accordance with L02.9901 Wetland Seed Mix and as shown on the plans. All disturbed areas will be hand seeded with a wetland seed mix as appropriate to provide additional soil stabilization. All areas hand seeded with wetland seed mix shall be stabilized with a layer of straw mulch. The acceptable wetland seeding period ends on **September 15**.

2. Upland portions of the site will be seeded with a soil stabilization mix to provide cover and erosion control in accordance with L02.1000 Seeding. All disturbed areas will be seeded with an upland seed mix to provide additional soil stabilization. All areas seeded with upland seed mix shall be stabilized with a layer of straw mulch or through the use of tackifier mulch. The acceptable upland seeding period ends on **October 15**.

3. Allow the seeding to stabilize during the RIDOT defined winter shutdown period, prior to the planting of shrubs & trees, which are part of the Phase 3 work.

PHASE 2 – Work Associated with Walkway and Fencing

INTERIM COMPLETION DATE 4-30-2014

1. Complete all work required for spans 1 thru 15 and span 16.

PHASE 3 – Planting in the Wetland Restoration and Habitat Enhancement Areas

1. On or after April 15, 2014, initiate the planting of the wetland restoration and habitat enhancement areas in accordance with the plans. All planting will be coordinated with the RIDOT Office of Environmental Programs, Natural Resources Unit, and the Landscape Architecture Unit. The Contractor/Engineer will notify them at least eight (8) working days prior to planting. All work must be completed by **June 30, 2014**.

PHASE 4 – Haul Road Removal

SUBSTANTIAL COMPLETION DATE 10-15-2014

1. Remove the entire haul road and temporary access road and complete the stream channel restoration. This work includes but may not be limited to rip rap slope protection, fill removal, grading, placement of soil material, seeding, planting, mulching, and survey as required to confirm the restored grades. Equipment will not be allowed to operate in these areas after completing the stream channel restoration.

Notes:

1. All of the work associated with Phase 1, Items 1 and 2 must be completed by **October 15, 2013**.

2. All of the work associated with spans 17 thru 22 may complete at any time provided all Contract Work is complete by the Substantial Completion Date of **October 15, 2014**.

9. TRANSPORTATION MANAGEMENT PLAN

See Appendix A – Transportation Management Plan (TMP)

10. ENVIRONMENTAL PERMITS

See Appendix B – Remedial Approval Letter (RAL) and Remedial Action Work Plan (RAWP)

11. STORMWATER POLLUTION PREVENTION PLAN

See Appendix C – Stormwater Pollution Prevention Plan (SWPPP)

copy of the Temporary Permit and Approved Site Specific Work Plan prior to entry or use of the Property.

Notification is required for the following coordination items:

- Dig Safe for signal cables, communication cables, 480 volt power cable, and grounding & bonding cables.
- Scheduling of Amtrak Railroad Protection personnel to include Flaggers and Class "A" Groundmen.
- Scheduling of Amtrak's "Roadway Worker Protection Class".

Amtrak Contact: Mr. Joseph Fitzsimmons
Area Construction Engineer
National Railroad Passenger Corporation (Amtrak)
165 Royal Little Drive
Providence, RI 02904
Telephone: 401-727-7246

11.6 Scheduling of Work: The Contractor is required to provide Amtrak a two-week look-ahead schedule along with each Bi-Weekly Status Schedule submittal as required in Section 108.03, Prosecution and Progress.

11.8 Jobsite Meetings: Jobsite Meetings must be conducted daily prior to entering the Railroad ROW. This only applies to work being done related to the walkway and fencing installation as well as the two slope stability locations.

CODE 12.108.1000

PROSECUTION AND PROGRESS

In accordance with Section 12.108.08, Failure to Complete on Time, Para. a., Phased Completion, Interim Completion and Substantial Completion the following defines the Interim and Substantial Completion Dates and Associated Liquidated Damages:

Interim Completion: Seeding for wetland restoration and habitat enhancement area (north and east of temporary access road) **September 15, 2013**

Interim Completion: Complete all work for Spans 1 through 15 and Span 16 **April 30, 2014**

Substantial Completion: **October 15, 2014**

All Contract work shall be completed, as defined by Section 12.101.71.

Liquidated Damages: \$1,000.00 per calendar day.

CODE 999.9901

TEMPORARY ACCESS ROAD

999.9901 DESCRIPTION. This work will consist of constructing and removing a temporary access road for accessing an existing railroad trestle in accordance with the approximate location shown on the Plans and as directed by the Engineer.

999.9902 MATERIALS. Materials shall meet the requirements of the following subsections:

Gravel Borrow. 202.08
18” Compost Filter Sock. 206.024

Construction mats will be required in sensitive areas such as wetland crossings. The construction mats shall be placed in manner not to impede the natural flow of water in the subject area. The construction mats utilized shall be placed to provide at least 16’ for access road width. The construction mats shall be able to support contractor’s equipment.

999.9903 CONSTRUCTION METHODS. Prior to construction, and no less than 30 days after Notice to Proceed, the Contractor shall submit to the Engineer site-specific plans, which shall include the temporary access road and maintenance details associated with the work. The site-specific plans of the design need to be reviewed and approved by RIDOT, RIDEM and ACOE and delay brought on by those approvals cannot be the basis for a time delay claim by the Contractor. These plans shall include the limits of works, limit of cut/fill, profile, sediment and erosion control measures, and maintain clearance of overhead utilities in a way that no adjustments will be required for these facilities. Adequately slope the temporary access road for good drainage and provide reasonable slopes for the construction vehicles to maneuver. Provide gravel borrow in areas greater than 5% slope to minimize erosion. Provide construction mats in wetland areas so that there is limited disturbance in this area. Construction mats shall be placed not to impede the existing natural flow of water in the subject area. Contractor needs to provide temporary non erosive diversion for the stream water that currently runs in a pipe underneath the existing haul road from approximate Sta 4+80 to Sta 9+00. Make field adjustments, as necessary, to ensure proper performance. Conduct inspections as required by the Engineer. Make adjustments based on inspections and have accumulated sediment and other debris, if any, removed and disposed of properly. At the end of construction, remove temporary construction mats, any associated temporary fill materials, remove any sediment and other debris, remove temporary diversion measures and construct the disturbed area as shown on the plans. It will be the contractor’s responsibility to stage when the removal of the temporary access road is required to complete all work. All temporary fills, including construction mats must be completely removed prior to substantial completion.

999.9904 METHOD OF MEASUREMENT. The quantity of Job Specific (Temporary Access Road) including the temporary stream diversion to be measured for payment will be on a lump sum basis in the complete and accepted work.

999.9905 BASIS OF PAYMENT. The accepted quantity of Job Specific (Temporary Access Road) including the temporary stream diversion will be paid for at the contract lump sum price. Payment will be full compensation for preparing a site plan; constructing and removing the temporary access road; performing all necessary excavation; placing gravel borrow in the excavated areas for a temporary road bed where required; placing and maintaining compost filter sock for sediment and erosion control; placing and removing temporary construction mat protection in sensitive areas; constructing a temporary stream diversion and for furnishing all

labor, tools, equipment, and incidentals necessary to complete the work. Payment for materials, including compost filter sock, associated with the work and not paid for under a separate Contract item will be considered incidental to Job Specific (Temporary Access Road).

CODE L.02.1000

SEEDING

Subsection L.02.03.7; Para. c, Failure to Perform Care During Construction, of the Standard Specifications requires that a daily charge be deducted from monies due the Contractor in the event the Engineer decides that the One-Year Establishment Period has not been adequately performed and/or from date the Engineer provides the Contractor with any written Notification from RIDEM and/or ACOE indicating that the plantings are not in conformance with their requirements. In the later case, monies will continue to be deducted until the RIDOT Landscape Unit or Natural Resources Unit provides concurrence that the site is in reasonable conformance with the requirements.

The charge for this Contract will be **\$1,000.00** per day.

CODE L.06.1000

PLANTING

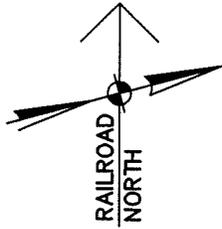
Subsection L.06.03.13; Para. a, Failure to Perform One-Year Establishment Period, of the Standard Specifications requires that a daily charge be deducted from monies due the Contractor in the event the Engineer decides that the One-Year Establishment Period has not been adequately performed and/or from date the Engineer provides the Contractor with any written Notification from RIDEM and/or ACOE indicating that the plantings are not in conformance with their requirements. In the later case, monies will continue to be deducted until the RIDOT Landscape Unit or Natural Resources Unit provides concurrence that the site is in reasonable conformance with the requirements.

The charge for this Contract will be **\$1,000.00** per day.

STRUCTURAL STEEL NOTES

1. FRAMING DIMENSIONS ARE GIVEN ALONG CENTERLINES OF GIRDERS, BEAMS, PIERS AND ALONG CENTERLINES OF BEARINGS ON PIERS AND ABUTMENTS.
2. FOR SIZE AND LOCATION OF EXPANSION BOLTS, SEE DRAWING S033.
3. SHOP DRAWINGS FOR ALL PROPOSED STEEL, FALSEWORK AND RAILINGS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND ACCEPTANCE PRIOR TO FABRICATION.
4. INSPECTION OF WELDS INCLUDING RADIOGRAPHIC TESTING (RT) AND MAGNETIC PARTICLE TESTS (MT) SHALL BE IN ACCORDANCE WITH THE RHODE ISLAND STANDARD SPECIFICATIONS SECTION 824.03.7.
5. ALL STRUCTURAL STEEL EXCEPT FOR WALKWAY GRATING SHALL BE PREPARED AND PAINTED IN ACCORDANCE WITH THE STATE OF RHODE ISLAND SPECIFIC SECTION 825 FOR ROAD AND BRIDGE CONSTRUCTION. WALKWAY GRATING SHALL BE HOT DIPPED GALVANIZED.
6. HIGH STRENGTH BOLTS SHALL CONFORM TO ASTM DESIGNATION A325. THE CONTRACTOR SHALL REFER TO SECTION 824 OF THE RHODE ISLAND STANDARD SPECIFICATIONS FOR MATERIAL AND INSTALLATION REQUIREMENTS. UNLESS NOTED OTHERWISE, ALL HIGH STRENGTH BOLTS SHALL BE 7/8 INCH DIAMETER IN 15/16 INCH DIAMETER HOLES UNLESS NOTED OTHERWISE.
7. WASHERS MEETING ASTM DESIGNATION F 436 ARE TO BE USED OVER ALL HOLES THAT ARE MORE THAN 1/16 INCH IN DIAMETER GREATER THAN THE BOLT DIAMETER AND UNDER ALL PARTS TURNED DURING ASSEMBLY.
8. WELDING SHALL BE IN ACCORDANCE WITH THE LATEST STRUCTURAL WELDING CODE ANSI/AASHTO/AWS D1.5 (INCLUDING ALL INTERIMS TO DATE) AND APPLICABLE SUPPLEMENTAL AWS PUBLICATIONS. ALL SHOP CONNECTIONS AND SPLICES SHALL BE WELDED.
9. WELDING ELECTRODES SHALL HAVE THE SAME CORROSION RESISTANCE AS THE BASE METAL.
10. NO SHOP FILLET WELD SHALL BE LESS THAN 3/16 INCHES.

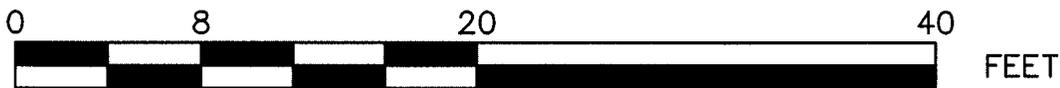
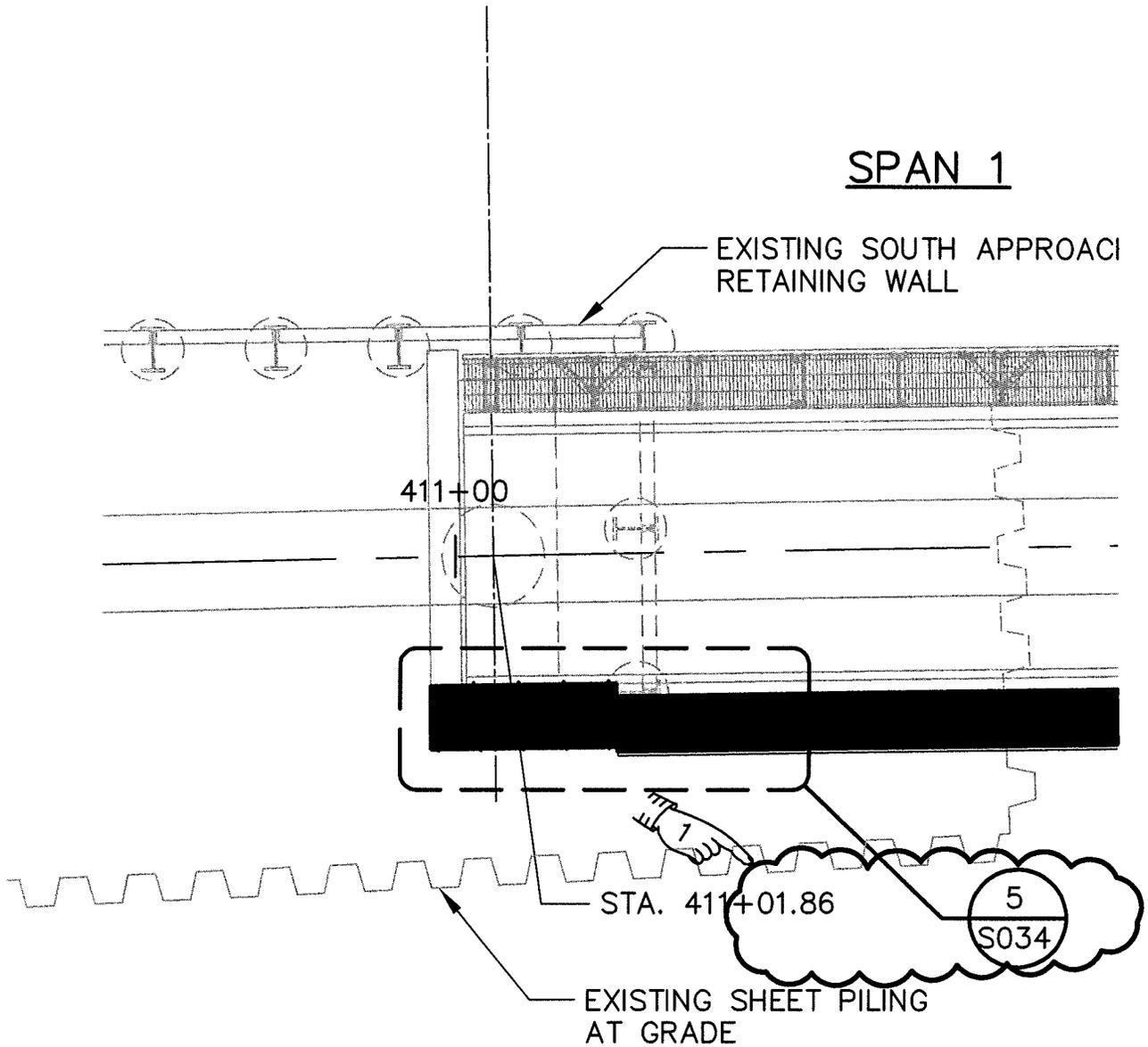
 TEN ORMS STREET PROVIDENCE, R.I. 02904	TITLE OF SKETCH GENERAL NOTES AND ABBREVIATIONS	R.I. CONTRACT No. 2013-CB-032	Sketch No. 1
February 14, 2013	Addendum No. 1	Revision to Dwg. No. 0112P_V1_03-S025	



SOUTH ABUTMENT
 CL BEARING

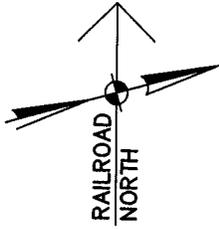
SPAN 1

EXISTING SOUTH APPROACH
 RETAINING WALL



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

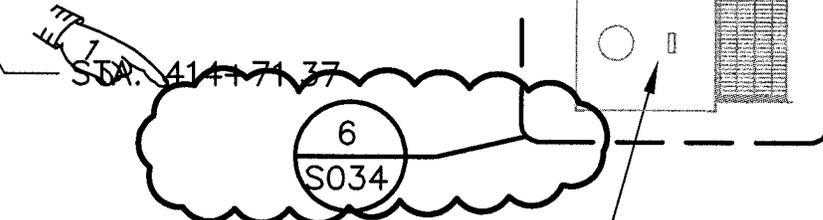
<p>AECOM TEN ORMS STREET PROVIDENCE, R.I. 02904</p>	<p>TITLE OF SKETCH GENERAL PLAN SHEET 1 OF 4</p>	<p>R.I. CONTRACT No. 2013-CB-032</p>	<p>Sketch No. 2</p>
<p>February 14, 2013</p>	<p>Addendum No. 1</p>	<p>Revision to Dwg. No. 0112P_V1_03-S026</p>	



SPAN 8

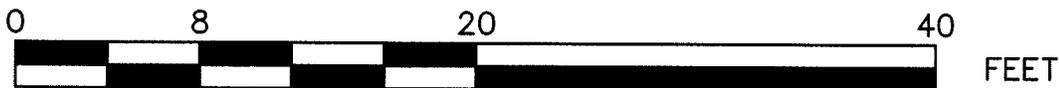


415+00



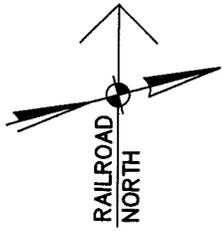
STA. 414+71.37

EXISTING SIGNAL TOWER
PLATFORM AND WALKWAY



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

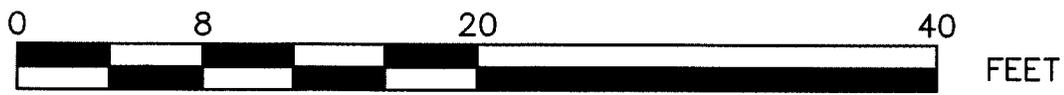
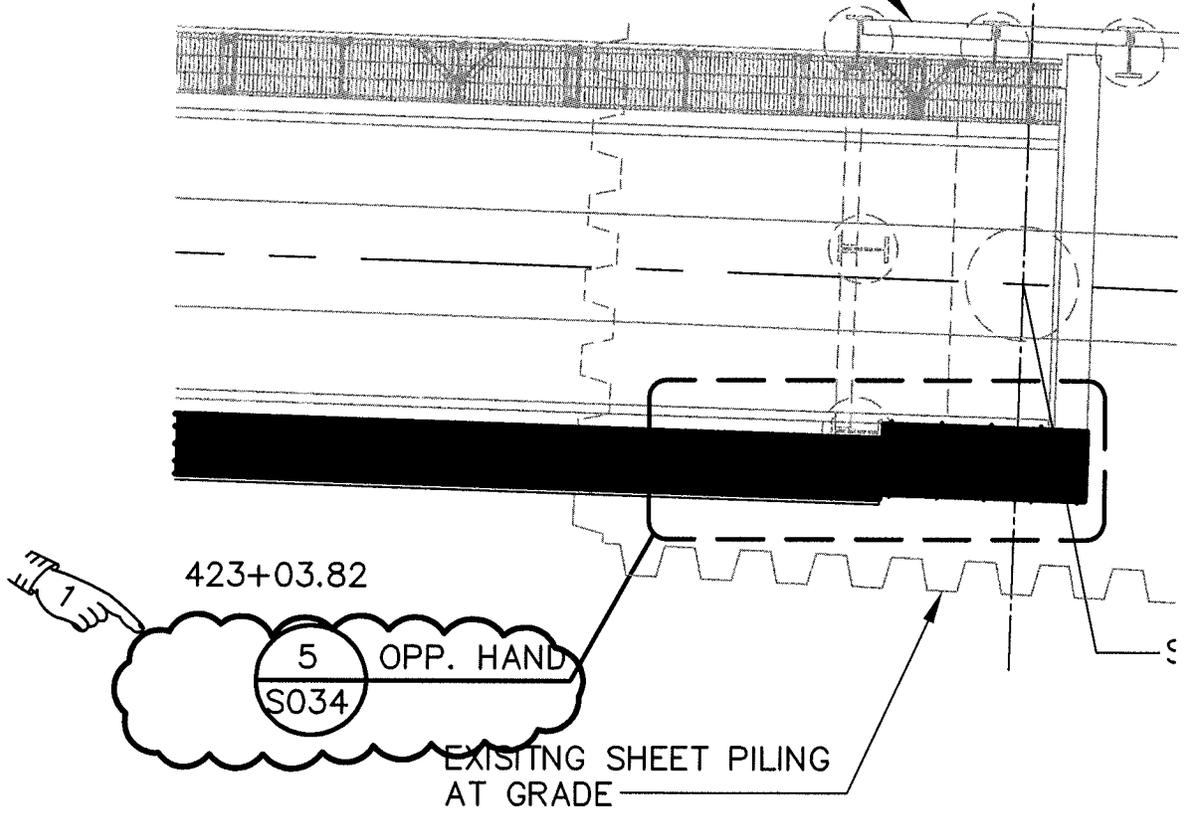
AECOM TEN ORMS STREET PROVIDENCE, R.I. 02904	TITLE OF SKETCH GENERAL PLAN SHEET 1 OF 4	R.I. CONTRACT No. 2013-CB-032	Sketch No. 3
	February 14, 2013	Addendum No. 1	Revision to Dwg. No. 0112P_V1_03-S026



NORTH ABUTME
 Q BEARIN

SPAN 22

EXISTING NORTH APPROACH
 RETAINING WALL



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

<p>AECOM TEN ORMS STREET PROVIDENCE, R.I. 02904</p>	<p>TITLE OF SKETCH GENERAL PLAN SHEET 4 OF 4</p>	<p>R.I. CONTRACT No. 2013-CB-032</p>	<p>Sketch No. 4</p>
<p>February 14, 2013</p>	<p>Addendum No. 1</p>	<p>Revision to Dwg. No. 0112P_V1_03-S029</p>	