

**GREATER HARTFORD TRANSIT DISTRICT
GHTD IFB #13-018
BROWNSTONE MASONRY REPAIRS TO UNION STATION**

Addendum #1

SIMPSON GUMPERTZ & HEGER INC.
41 Seyon Street, Building 1, Suite 500
Waltham, MA 02453

Tel.: 781/907-9000
Fax: 781/907-9009

Contact: Katherine S. Wissink

4 April 2018

SGH Project 130525.04

A Pre-Bid Walkthrough was held at GHTD Conference Room on 30 March 2018 for the purpose of clarifying the requirements outlined in GHTD Project No. 13-018.

The following individuals were in attendance:

Cameron Simko and Katherine Wissink (Simpson Gumpertz & Heger Inc.)
Mary Deppe, DJ Gonzalez, and LaShaunda Drake (GHTD)
Jerry Ezold (Ezold Construction)
Mark Seddon (Cenaxo, LLC)
David Novack (Armani Restoration Inc.)
Michael O'Neill (Frank Capasso & Sons)
Gary Gnazzo (Joseph Gnazzo Co.)
Preston Neal (Penny's Construction)

The following requests for clarification were submitted during the pre-bid walkthrough on 30 March 2018:

1. **INQUIRY:** How much of the sidewalk can the contractor take up? Does the contractor need to apply for a permit for the sidewalk?

RESPONSE: The contractor must maintain a 4 ft minimum width of the sidewalk for public access. As long as the work does not block portions of the city's right-of-way and the work stays between the building and the property line, an obstruction permit is not required. Attached is a plan sheet with the property lines highlighted. If the work will extend into areas outside of the property lines, then the contractor will need to obtain an obstruction permit from DPW.

2. **INQUIRY:** Is there any limit to the hours that construction can occur?

RESPONSE: Specification Section 015000 1.02.E specifies working hours as 7 a.m. to 3:30 p.m. Monday through Friday. However, the station is open 24/7 and a security guard is on duty at all times, so extending the working hours/days is possible if desired

by the Contractor. The contractor must comply with any city ordinances or restrictions that might be in place for construction hours.

3. **INQUIRY:** Clarify how liquidated damages are to be included for this project.

RESPONSE: Information on Liquidated Damages can be found in Exhibit A of the front-end documents.

4. **INQUIRY:** Clarify the completion date.

RESPONSE: The project does not specify a completion date; however, the Contractor is required to provide a proposed substantial completion date and final completion date on the bid form, along with their submitted bid. Cold weather protection will be required if the work extends into cold weather. The project needs to be completed by the end of October 2018.

5. **INQUIRY:** Which entrances of the building need to remain open during construction?

RESPONSE: On the east elevation at the north wing of the building, the entrance to the glass storefront must remain open and unobstructed for general public access to the building throughout the duration of the project. All other entrances indicated on Sheet AD-0.1 must remain open and unobstructed for emergency egress during construction.

6. **INQUIRY:** What is the scope of work concerning the bird netting on the existing canopy supports and on the underside of the canopies?

RESPONSE: See attached revised Sheets AD-1.1, AD-1.3, AD-1.4, and AD-1.5.

In Specification Section 010100 – Summary of Work, revise Paragraph 1.03.E.3 to read:

3. Partially remove the existing bird netting from the masonry at the existing canopy supports and underside of the canopy as needed to perform the masonry repairs and to remove debris from the existing netting. Reattach the existing bird netting to the masonry with new fasteners.

In Specification Section 045000 – Masonry Repairs:

Add Paragraph 1.02.D.5, reading:

5. Partially remove the existing bird netting from the masonry at the existing canopy supports and underside of the canopy as needed to perform the masonry repairs and to remove debris from the existing netting. Reattach the existing bird netting to the masonry with new fasteners.

Delete Paragraph 2.02.L.

7. **INQUIRY:** Clarify the scope of work at the bird deterrents at the window sills at the west elevation of the building.

RESPONSE: See attached revised Sheets AD-1.4 and AD-1.5

In Specification Section 045000 – Masonry Repairs:

Add Paragraph 1.02.D.6, reading:

6. Remove the existing bird deterrents in place at the window sills at the west elevation of the building as needed to complete masonry repairs. Provide new bird deterrent fastened to the stone where removed.

Add Paragraph 2.02.L, reading:

L. Bird Deterrent (if replacement is needed): E-Spike Economy Bird Spikes by Nixalite or approved equal.

8. **INQUIRY:** Is the chimney on the north wing of the building included in the work?

RESPONSE: Include 100% repointing and cleaning of the chimney in the base bid of this project. See revised Drawings AD-0.2 and AD-1.2.

In Specification Section 010100 – Summary of Work, revise Paragraph 1.03.A to read:

A. Base bid is to include the work described below at the East Elevation – North Wing (including the chimney) and East Elevation – South Wing.

In Specification Section 045000 – Masonry Repairs, revise Paragraph 1.02.B to read:

B. Base Bid: On a lump-sum basis (described in Para. 1.02.D) and on a unit-price basis (described in Para. 1.02.E), repair the brownstone masonry at the following locations as part of the base bid work (refer to the Drawings for identification of areas of the building):

1. East Elevation – North Wing
2. East Elevation – South Wing
3. Chimney on North Wing

9. **INQUIRY:** Is there any work at the additional areas of brownstone not currently included in bid documents (e.g. the site wall at the south end of the building).

RESPONSE: See attached revised Sheets AD-0.0, AD-0.2, AD-1.1, AD-1.4, and AD-1.5 and new Sheet AD-1.6. See attached revised Exhibit F – Bid Proposal Form.

In Specification Section 010100 – Summary of Work, revise Paragraph 1.04 to read:

1.04 Add Alternates: Perform brownstone masonry repairs on a lump sum basis (as listed in Para. 1.03.E) and unit price basis (as listed in Para. 1.03.F) at the following additional areas of work, as indicated in the Drawings:

A. ADD ALTERNATE 1: West Elevation – Center Wing.

- B. ADD ALTERNATE 2: West Elevation – South Wing (above raised platform).
- C. ADD ALTERNATE 3: West Elevation – North Wing (above raised platform).
- D. ADD ALTERNATE 4: West Elevation – North Wing (below raised platform).
- E. ADD ALTERNATE 5: South Wing – Site Wall at South end of Building
- F. ADD ALTERNATE 6: West Elevation – South Wing (below raised platform).
- G. ADD ALTERNATE 7: West Elevation – North Wing (basement).

- 1. Cleaning of masonry is excluded from Add Alternate 7.

In Specification Section 045000 – Masonry Repairs, revise Paragraph 1.02.C to read:

C. Add Alternates: On a lump-sum basis (described in Para. 1.02.D) and on a unit-price basis (described in Para. 1.02.E), repair the brownstone masonry at the following additional locations, as approved by the Owner (refer to the Drawings for identification of areas of the building):

- 1. ADD ALTERNATE 1: West Elevation – Center Wing.
- 2. ADD ALTERNATE 2: West Elevation – South Wing (above raised platform).
- 3. ADD ALTERNATE 3: West Elevation – North Wing (above raised platform).
- 4. ADD ALTERNATE 4: West Elevation – North Wing (below raised platform).
- 5. ADD ALTERNATE 5: South Wing – Site Wall at South end of Building
- 6. ADD ALTERNATE 6: West Elevation – South Wing (below raised platform).
- 7. ADD ALTERNATE 7: West Elevation – North Wing (basement).

- 1. Cleaning of masonry is excluded from add alternate 7.

10. **INQUIRY:** What is the mortar? Has it been tested? Is it natural cement or lime? Can bag mix be used?

RESPONSE: The mortar specified in Section 045000 Para. 2.02.A is site-mixed mortar meeting the requirements of ASTM C270 Type N, with nominal proportions of 1:1:6 (cement:lime:sand). The existing mortar was tested during SGH's investigation in 2013 and was found to contain no cement, but it contains pure and impure lime particles (consistent with historic mortars in this era). In addition to contaminants, some of the impure lime masses contain siliceous impurities. Based on a visual estimate, the mortar appears to contain one part lime to three parts sand. The sand used in the mortar is primarily made up of quartz with lesser amounts of feldspar, igneous rock particles, and micaceous materials. SGH will consider the use of a preblended bag-mixed mortar on this project, provided that reports are furnished indicating the exact proportions for the mortar used on this project.

11. **INQUIRY:** Is the bright red mortar being used everywhere?

RESPONSE: Yes, the red-colored mortar is to be used for 100% of the repointing. Refer to Specification Section 045000.

12. **INQUIRY:** Do we have to pay for building permits.

RESPONSE: Yes, the contractor must pay for any required permits.

13. **INQUIRY:** Is scaffolding okay to put on the transit center roof?

RESPONSE: Yes, scaffolding may be erected on top of existing structures, but it must be engineered and stamped drawings must be submitted. The contractor is responsible for protecting the existing roofing from damage and the contractor will be responsible for paying to fix any damage they are responsible for.

14. **INQUIRY:** For storage, what can we use for a lay-down area?

RESPONSE: Refer to drawing Sheet AD-.01 for the site plan which shows possible contractor laydown areas.

15. **INQUIRY:** Is the brownstone Portland?

RESPONSE: The original brownstone was quarried in East Longmeadow, Massachusetts. Refer to Specification Section 045000 Para. 2.02.C for the specified replacement brownstone.

16. **INQUIRY:** What are the DBE Requirements?

RESPONSE: It is the policy of the District that disadvantaged business enterprises ("DBEs") be afforded the maximum opportunity to participate in the performance of all contracts let by the District. This participation may be in the form of prime contracts, and/or sub-contracts, and/or direct or general overhead items procured from DBEs allocated to the Services. The term "disadvantaged business enterprise" means a business enterprise that is at least 51% owned and controlled by one or more socially disadvantaged persons. Such disadvantage may arise from cultural, racial, chronic economic circumstances or background, or other similar cause. Such persons would include but not be limited to citizens of the United States who are: African Americans (not of Hispanic origin); Hispanic Americans; Native Americans; Asian-Pacific Americans; and, women regardless of race and ethnicity. Proposer will submit a statement indicating its own DBE status and what subcontracts and/or overhead purchases with amounts thereof under this project it will let to comply with the District's DBE goal of 5.6%.

If the Contractor is unable to achieve the specified contract goals, the Contractor must submit written documentation to the District indicating his/her good faith efforts to satisfy goal requirements.

The District is a part of the State of Connecticut Department of Transportation Unified Certification Program ("UCP") and any contractor and/or sub-contractor and/or

vendor utilized to meet the DBE Participation requirements must be certified through that UCP. A list of Conn DOT Certified DBE vendors can be found at: http://www.biznet.ct.gov/dot_dbe/dbesearch.aspx. Upon request, the District will provide information related to the state certification process.

17. **INQUIRY:** Other than repointing, is everything covered in the unit price?

RESPONSE: On a lump-sum basis, perform the following work:

1. Sound 100% of masonry within the scope of area and remove all loose pieces identified from sounding
2. Repoint 100% of the mortar joints (80% to an average depth of 3 in. and 20% to an average depth of 6 in.)
3. Clean 100% of the brownstone masonry. Refer to the table on sheet AD-0.2 for repairs covered on a unit price basis.
4. Miscellaneous other work (e.g. work related to the bird netting and deterrent, rebuilding of areas of brownstone at window sills or where covered with panels, etc.)

18. **INQUIRY:** What is the square footage of the cleaning area?

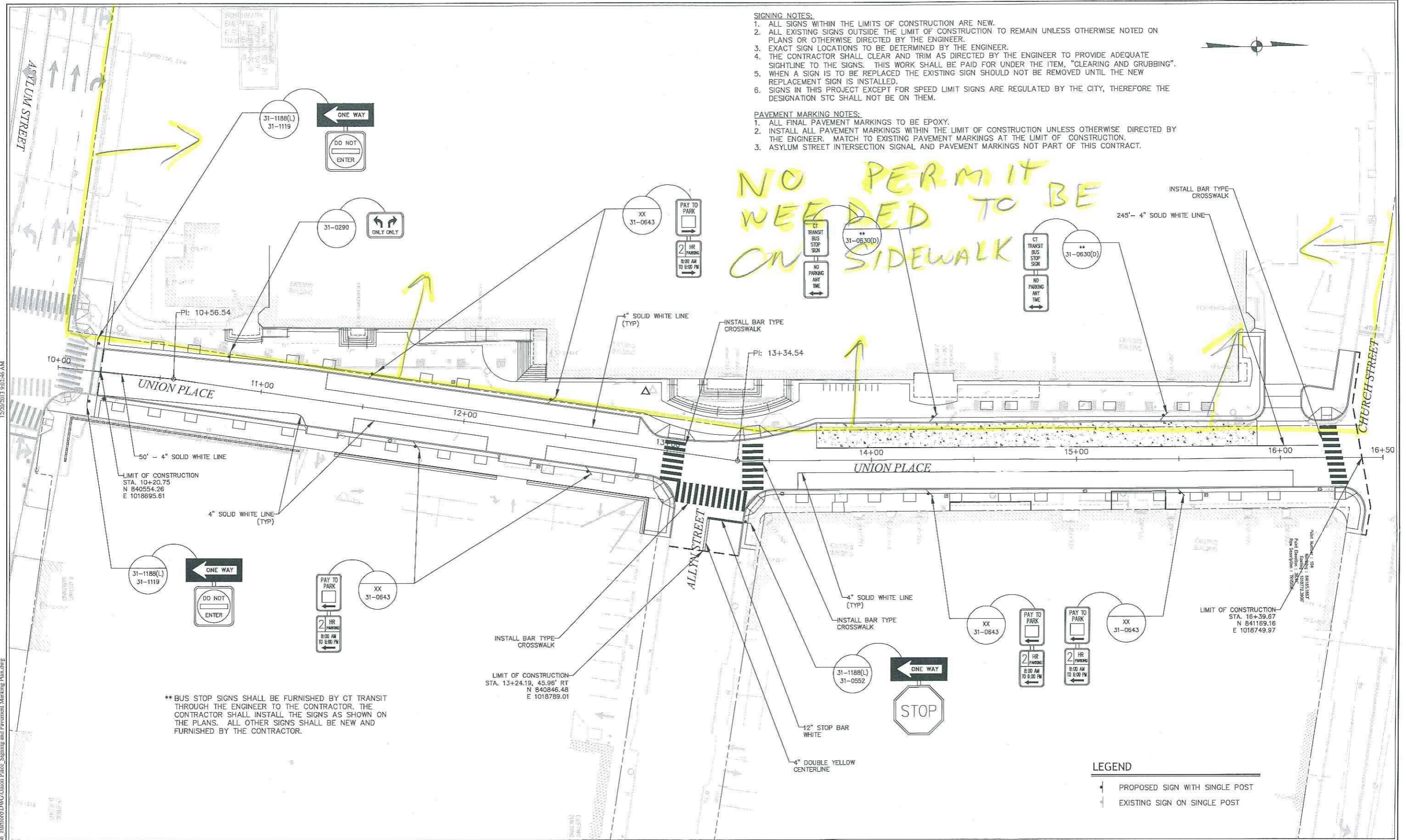
RESPONSE: The elevations on Sheets AD-1.1 – AD-1.6 are drawn at a scale of 1/8 in. = 1 ft. However, the exact dimensions of the building are unknown and based on existing drawings. The Contractor is to verify in the field prior to bidding.

END OF ADDENDUM #1

- SIGNING NOTES:**
1. ALL SIGNS WITHIN THE LIMITS OF CONSTRUCTION ARE NEW.
 2. ALL EXISTING SIGNS OUTSIDE THE LIMIT OF CONSTRUCTION TO REMAIN UNLESS OTHERWISE NOTED ON PLANS OR OTHERWISE DIRECTED BY THE ENGINEER.
 3. EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.
 4. THE CONTRACTOR SHALL CLEAR AND TRIM AS DIRECTED BY THE ENGINEER TO PROVIDE ADEQUATE SIGHTLINE TO THE SIGNS. THIS WORK SHALL BE PAID FOR UNDER THE ITEM, "CLEARING AND GRUBBING".
 5. WHEN A SIGN IS TO BE REPLACED THE EXISTING SIGN SHOULD NOT BE REMOVED UNTIL THE NEW REPLACEMENT SIGN IS INSTALLED.
 6. SIGNS IN THIS PROJECT EXCEPT FOR SPEED LIMIT SIGNS ARE REGULATED BY THE CITY, THEREFORE THE DESIGNATION STC SHALL NOT BE ON THEM.

- PAVEMENT MARKING NOTES:**
1. ALL FINAL PAVEMENT MARKINGS TO BE EPOXY.
 2. INSTALL ALL PAVEMENT MARKINGS WITHIN THE LIMIT OF CONSTRUCTION UNLESS OTHERWISE DIRECTED BY THE ENGINEER. MATCH TO EXISTING PAVEMENT MARKINGS AT THE LIMIT OF CONSTRUCTION.
 3. ASYLUM STREET INTERSECTION SIGNAL AND PAVEMENT MARKINGS NOT PART OF THIS CONTRACT.

NO PERMIT NEEDED TO BE ON SIDEWALK



**BUS STOP SIGNS SHALL BE FURNISHED BY CT TRANSIT THROUGH THE ENGINEER TO THE CONTRACTOR. THE CONTRACTOR SHALL INSTALL THE SIGNS AS SHOWN ON THE PLANS. ALL OTHER SIGNS SHALL BE NEW AND FURNISHED BY THE CONTRACTOR.

LEGEND

	PROPOSED SIGN WITH SINGLE POST
	EXISTING SIGN ON SINGLE POST

Revisions	By	Date	Notice	Sign-Offs	By	Date
			Manual revisions to this drawing are prohibited. The use of this drawing by any corporation, or by any person, for any reason, without written authorized consent of The City of Hartford is prohibited.	Drawn		
				Checked		
				Recommended		
				Approved		
				Recorded		

**UNION PLACE
PART OF
HARTFORD'S INTERMODAL TRIANGLE PROJECT
HARTFORD, CONNECTICUT, 06103**

Richter & Cegan Proj. No. 2013013 Contract No. DPW14-24A Date: 12/23/2013

FREE AN
30 WELLS STREET, SUITE 201
HARTFORD, CONNECTICUT 06103
TEL: 860-232-9000 FAX: 860-232-7151


GRAPHIC SCALE
20 10 0 20
SCALE IN FEET

**City of Hartford, Connecticut
Department of Public Works**

**SIGNING AND PAVEMENT
MARKING PLAN**

Sheet No.
SPM-01

FTA Project No.
CT-79-X002



Y:\2013\2013-0605 Union Station Hartford DWG\Union Place Signing and Pavement Marking Plans.dwg 12/20/2013 9:02:46 AM