

SECTION 010100

SUMMARY OF WORK

PART 1 – GENERAL

1.01 GENERAL REQUIREMENTS

- A. The Contract Documents, including General Conditions, Bidding Requirements, and Drawings, apply to this Section.

1.02 SUMMARY

- A. Provide all labor, materials, equipment services, and accessories necessary to furnish and install work on this Section, complete and functional as indicated in the Contract Documents and as specified herein.
- B. Work will be performed at Union Station, One Union Place, Hartford, Connecticut.
- C. The work contemplated by the Contract Documents includes the work of all trades required and all labor, equipment, materials, and supervision necessary and incidental to the work indicated. The following description of the work represents a brief summary of the project and may not be all inclusive. For additional and more complete information, refer to the Drawings and the Technical Specifications.
- D. Project Mobilization:
 - 1. This work shall include Contractor and subcontractor mobilization costs. Include permits, temporary offices, overhead protection, bonding costs, etc.
 - 2. Attend a preconstruction meeting to be held with the Owner, the Contractor, the Engineer, the environmental consultant, and all trades and subcontractors involved in the project to discuss the work.
- E. Project General Requirements:
 - 1. This work shall include all miscellaneous costs associated with completion of the work in accordance with the Construction Documents. This shall include, but not be limited to, access to the roof, barricades, incidental shoring, overhead protection, cleanup, dust control, noise control, layout, equipment, waste disposal, documentation, obstruction removal and replacement, etc.
 - 2. The train tracks and platforms will be in use at all times. Coordinate with the Greater Hartford Transit District (GHTD) and Amtrak to maintain unimpeded use of the active train track and platform throughout the duration of the work.
 - a. Provide adequate overhead protection as needed to protect workers performing the work of this contract to help prevent objects from falling from or through the train tracks.

- b. Coordinate with Amtrak to provide an Amtrak flagger at all times while workers are working below the active train tracks and active train platform. Include all costs associated with Amtrak flagger.
 3. The existing building will be occupied and operational at all times. Maintain access to all building entrances and loading dock areas throughout the duration of the work. Coordinate with GHTD if building entrances or loading dock areas will need to be temporarily closed.
 4. Provide the Engineer with assistance and access to all areas of the building where the work will be performed, including incidental labor and facilities.
 5. All work is to be done in accordance with applicable codes and regulations.
 6. Verify all site conditions and dimensions by field measurement in consideration of the special conditions associated with alterations of an existing and operating building.
- F. Provide the shop drawings, field testing, submittals, and mockups as described in the Technical Sections included in this Specification.
- G. Remove the existing roofing system including metal flashings at the roof below the train tracks consisting of (from top to bottom): Precast concrete pavers, drainage mat, three-ply built-up roofing (asphaltic), 1/2 in. cover board, and insulation down to the existing concrete roof deck (to remain).
- H. Provide new plaza waterproofing and paving system at the roof below the train tracks consisting of (from bottom to top): Existing concrete roof deck, reinforced fluid-applied polyurethane waterproofing membrane, drainage mat, insulation, drainage mat, and precast concrete pavers.
- I. Provide liquid-flashing at roof penetrations.
- J. Provide stainless steel flashing at roof curbs, edge flashing, and at locations as indicated on the drawings.
- K. Modify the existing aluminum downleaders that provide drainage for the bus station canopy roof adjacent to the west side of the roof below the tracks as needed to accommodate the increased roofing height.
- L. Provide new clamping rings and strainers at the existing drain locations (existing drain bowls to remain).
- M. Provide new galvanized steel angle edge restraints at the free edges of the roof.
- N. Provide cementitious parge coat and plywood sheathing at the base of rising masonry walls behind membrane flashing.

1.03 DEFINITION

- A. Engineer: Where Engineer is referenced throughout these specifications, it refers to the Engineer of Record, Simpson Gumpertz & Heger Inc. (SGH).
- B. Owner: Where Owner is referenced throughout these specifications, it is in reference to the Greater Hartford Transit District.

1.04 COORDINATE WITH RELATED WORK

- A. Coordinate the work of this Section with the work of other trades under this Contract, including, but not limited to:
 - 1. Section 013000 – Submittals.
 - 2. Section 014000 – Quality Control and Project Procedures.
 - 3. Section 015000 – Construction Facilities and Site Use.
 - 4. Section 016000 – Temporary Protection.
 - 5. Section 071416 – Cold Fluid-Applied Waterproofing.
 - 6. Section 076000 – Sheet Metal Flashing.
 - 7. Section 079200 – Joint Sealants.

1.05 REFERENCE STANDARDS

- A. The following documents are a part of this Specification except as modified in the Technical Specifications, including the references contained in each document. Comply with all applicable Sections of the document and the referenced standards unless specifically modified herein.
 - 1. Connecticut State Building Code, current edition.
 - 2. ASTM International (ASTM): Standards as specified in each Technical Section.
 - 3. Other standards and guidelines, as references in each Technical Section.

1.06 QUALITY CONTROL AND PROJECT PROCEDURES

- A. Refer to Section 014000 for general quality control and project procedures.
- B. Attend a preconstruction conference to be held with GHTD, Engineer, the Contractor's field superintendent, and all other involved trades to discuss and coordinate the work covered under this Section.
- C. Perform all work in strict accordance with all applicable laws and regulations of the building code and with all authorities having jurisdiction. All such requirements shall

take precedence over the requirements of the specifications, except where the requirements of the Specifications are more exacting or stringent.

1.07 SUBMITTALS

- A. Refer to Section 013000 for general submittal procedures.

PART 2 – PRODUCTS

Not Used.

PART 3 – EXECUTION

Not Used.

END OF SECTION