

Barrington High School Bus Access Road

Base Bid

The project consists of the construction of a new 20-foot wide bituminous bus access road for the Barrington High School located at 220 Lincoln Avenue Barrington, Rhode Island. The project limits shall extend from the northern edge of the student parking area to Federal Road as delineated on the site plans. The work performed under this contract shall include all equipment, labor, materials, supplies, necessary to furnish the work illustrated on the plans and described herein. The work shall include, but is not limited to the installation of erosion control devices as required, removal of chain link fence and installation of additional posts as required to establish new fencing limits, excavation and removal of topsoil and unsuitable subbase material within the proposed roadway limits, installation of 8-inches of new gravel subbase material, trimming and fine grading of the subbase material in accordance with the provided profile and grading plans, installation of 2.5-inches of Class 12.5 hot mix asphalt base course and 1.5-inches of Class 9.5 hot mix asphalt surface course, with asphalt emulsion tack coat between asphalt lifts; installation of granite curbing along the new entrance at Federal Road, including the construction of two concrete wheelchair ramps; associated drainage improvements depicted on the plans, including the installation of new HDPE pipe in place of the existing clay pipes; cleaning and any necessary adjustments to adjacent drainage structures; loam and seed restoration of any disturbed areas, and all associated signage and striping.

Add Alternate No. 1 – Split Rail Fence

The work performed under this bid alternate shall include all equipment, labor, materials, supplies, necessary to furnish the work annotated on the plans as Add Alternate No. 1 (Add Alt #1) and described herein. The work shall include, but is not limited to the installation of a yellow pine, pressure treated, split rail fence in accordance with the layout and dimensions illustrated on the plans. The work shall include but is not limited to all the required materials, hardware, equipment, excavation, compaction, and restoration of disturbed areas with loam and seed as necessary.

Add Alternate No. 2 – 16-Foot Bar Gates and Bollards

The work performed under this bid alternate shall include all equipment, labor, materials, supplies, necessary to furnish the work annotated on the plans as Add Alternate No. 2 (Add Alt #2) and described herein. The work shall include, but is not limited to the installation of four (4) galvanized steel 16-foot bar gates with sleeved hinges, four (4) bollards, and 6-foot chain link fence, in accordance with the layout and dimensions illustrated on the plans. The work shall include but is not limited to all the required materials, hardware, equipment, excavation, compaction, and restoration of disturbed areas with loam and seed as necessary.

Add Alternate No. 3 – 30-Foot Cantilevered Sliding Gate

This bid alternative shall omit the installation of the Add Alternate No. 2 and shall be replaced with the work described herein. The work performed under this bid alternate shall include all equipment, labor, materials, supplies, necessary to furnish two 30-foot cantilevered sliding gates in place of the bar gates shown in Add Alternate No. 2. The work shall include, but is not limited to the installation of two 30-foot Cantilevered Sliding Gates, along with any additional fence posts, mesh, concrete footings, bracing and supports required to complete the installation to the satisfaction of the owner and the owner's representative. The chain link fabric and posts shall match the adjacent fencing material and shall be in accordance with AASHTO M181 standards. All work shall be completed in accordance with the relevant provisions of the Standard Specifications for Road and Bridge Construction of the Rhode Island Department of Transportation, latest revision.

The Contractor shall submit a specific layout plan for Add Alternate No. 3 depicting any necessary revisions to the adjacent fencing in order to install a functioning, aesthetically pleasing gate system. The revised layout shall specify the gate type, location and all work included within the bid for Add Alternate No. 3 and shall be included as part of the bid submission.

SUBMITTALS

This section specifies procedural requirements for non-administrative submittals including shop drawings, product data, samples and other miscellaneous work-related submittals. Shop drawings, product data, samples and other work-related submittals are required to amplify, expand and coordinate the information contained in the Contract Documents.

Submittals shall be transmitted to the Town and the Town's Representative.

Shop drawings are technical drawings and data that have been specially prepared for this project, including but not limited to the following items:

1. Fabrication and installation drawings.
2. Coordination drawings (for use on-site).
3. Schedules.
4. Certificates of Compliance.
5. Design mix formulas.

Submittals shall be required, but not limited to, the following;

1. Design Mix Formulas for Hot Mix Asphalt and Portland Cement Concrete.
2. Compaction Tests for Subbase Material, Bituminous Base Course, and Bituminous Surface Course.
3. Sieve Analysis or Product Data for Gravel Borrow
4. Shop Drawings for:
 - i) Inlet Protection

- ii) Split Rail Fence
- iii) Chain Link Fence
- iv) Chain Link Gate
- v) 16-Foot Bar Gates
- vi) Bollards
- vii) 30-Foot Cantilevered Sliding Gate
- viii) Detectable Warning Pad
- ix) HDPE Pipe

Allow sufficient time so that the installation will not be delayed as a result of the time required to properly process submittals, including time for resubmittal, if necessary. Advise the Engineer on each submittal, as to whether processing time is critical to the progress of the work, and if the work would be expedited if processing time could be shortened.

No portion of Work requiring shop drawings shall be started or any materials be fabricated, delivered to site, or installed prior to approval of such items. Fabrication performed, materials purchased or on-site construction accomplished which does not conform to approved shop drawings and data shall be at Contractor's risk. Owner will not be liable for any expense or delay due to corrections or remedies required to accomplish conformity.