

OCTOBER 8, 2021

RECONSTRUCTION OF ROUTE 34 (MAIN STREET)

FEDERAL AID PROJECT NO. H100(002)

STATE PROJECT NO. 0036-0184

CITY OF DERBY

ADDENDUM NO. 3

SPECIAL PROVISIONS

REVISED SPECIAL PROVISIONS

The following Special Provisions are hereby deleted in their entirety and replaced with the attached like-named Special Provisions:

- ITEM NO.1003593A – DECORATIVE LIGHT STANDARD AND LUMINAIRE
- ITEM NO.1003595A – DECORATIVE LIGHT POLE AND LIGHT FIXTURE

CONTRACT ITEMS

REVISED CONTRACT ITEMS

There are no revised Contract Items under this Addendum.

<u>ITEM NO</u>	<u>DESCRIPTION</u>	<u>ORIGINAL</u> <u>QTY</u>	<u>REVISED</u> <u>QTY</u>
1003593A	DECORATIVE LIGHT STANDARD AND LUMINAIRE	44 EA	43 EA
1003595A	DECORATIVE LIGHT POLE AND LIGHT FIXTURE	43 EA	46 EA

REVISED PLANS

The following Plan Sheets are hereby deleted and replaced with the like-numbered Plan Sheets:

02.01.A3,
03.102.A3, 03.103.A3, 03.104.A3, 03.105.A3, 03.106.A3, 03.107.A3, 03.110.A3,
03.112.A3, 03.115.A3, 03.116.A3, 03.117.A3, 03.118.A3, 03.119.A3, 03.120.A3,
03.121.A3, 03.122.A3, 03.123.A3.

The Bid Proposal Form has been revised to reflect these changes.

The Detailed Estimate Sheets do not reflect these changes.

There will be no change in the number of calendar days due to this Addendum.

The foregoing is hereby made a part of the contract.

ITEM #1003593A — DECORATIVE LIGHT STANDARD AND LUMINAIRE

ITEM #1003595A — DECORATIVE LIGHT POLE AND LIGHT FIXTURE

Description: This item shall consist of furnishing and installing a decorative light poles and fixtures, decorative light standards and LED luminaire of the dimensions and type as indicated, completely wired and attached to the foundation and in accordance with the plans and specifications.

Materials: LED downlight fixture, light pole, light standard, mounting arm, and clamshell base shall be supplied as a unit from the same manufacturer. Fixtures shall be outfitted with an electronic photocell (120-277v) and a dual fuse holder. Luminaires shall be set on light poles and standards to heights shown on the plans and mounted on arms of the type and length on the details. The light poles and standards shall conform to the “Buy America” requirements of Title 23 CFR 635.410.

The decorative light poles, standards, luminaires and light fixtures shall match those selected for Project No. 126-174 Derby-Shelton Bridge (No. 01659) Pedestrian and Bicyclist Access Improvements in Shelton and Derby, CT.

Luminaire:

Sternberg Lighting, Omega 1531LED and 1521LED product line.

Type	Sternberg Lighting Catalog Number
SL3B	1A-1521LED-F-12L30T3-MDL008-FG-PEC-FHD-EZ/FDRB/ONPT
SL4B	1A-1521LED-F-12L30T4-MDL008-FG-PEC-FHD-EZ/FDRB/ONPT
SL5B	1A-1521LED-F-12L30T5-MDL008-FG-PEC-FHD-EZ/FDRB/ONPT
SL3C	1A-1531LED-FSM-24L30T3-MDL014-FG-PEC-FHD/CAF6/1AM-1521LED-12L30T3-MDL008-FG-EZ/FDRB/ON
SL4C	1A-1531LED-FSM-24L30T4-MDL014-FG-PEC-FHD/CAF6/1AM-1521LED-12L30T3-MDL008-FG-EZ/FDRB/ON
SL5C	1A-1531LED-FSM-24L30T5-MDL014-FG-PEC-FHD/CAF6/1AM-1521LED-12L30T3-MDL008-FG-EZ/FDRB/ON
SL4E	2A-1531LED-FSM-24L30T4-MDL014-FG-PEC-FHD-BLOC/CAF6

Poles and Standards

The light poles and standards shall be the following:

Sternberg Lighting roadway style arm as indicated on the plans. Poles and standards to be galvanized with 1"x36" anchor bolts set at 10" anchor bolt diameter. Sternberg Lighting, catalog number:

Type	Sternberg Lighting Catalog Number	Classification
SL3B	5212FT-0IN-TFP6-3-C/BKT	12' Pole
SL4B	5212FT-0IN-TFP6-3-C/BKT	12' Pole
SL5B	5212FT-0IN-TFP6-3-C/BKT	12' Pole
SL3C	8525SRTF/12FF/RDBP/BKT	25' Standard
SL4C	8525SRTF/12FF/RDBP/BKT	25' Standard
SL5C	8525SRTF/12FF/RDBP/BKT	25' Standard
SL4E	8525SRTF/12FF/RDBP/BKT	25' Standard

Prior to ordering the poles and standards the Contractor shall verify all dimensions and catalog nomenclature to achieve a luminaire mounting height above the roadway of 25' when mounted to light standard foundation (to luminous center of luminaire).

Miscellaneous

Conductors shall be #10 AWG in accordance with Article M.15.05 of the Standard Specifications. Insulation shall be THHN/THWN.

No. 10 bare copper ground wire shall conform to Article M.15.13.

Fuses and fuse holders shall conform to the requirements of Article M.15.05.

Construction Methods: The Contractor shall install the decorative light poles, standards, luminaires and fixture on the light standard foundations at the locations as indicated on the plans. The light poles and standards shall be securely fastened to the anchor bolts with hardware installation as indicated in the plan details.

New fuse holders and fuses shall be installed in the light pole/standard base and two No. 10 AWG conductors run from the load side of the fuse holders to the power connection terminals in the luminaire. The line side of the fuse holders shall be properly connected to the lighting circuit conductors. The light pole/standard shall be bonded to the system ground wire using a No. 10 bare copper grounding wire and a No. 10 ground wire shall be run up the pole to the luminaire ground tab.

The luminaire shall be connected to the No. 10 tap conductors and readied for operation. The full

functionality of the luminaire shall be tested to the satisfaction of the Engineer.

An access door shall be provided in the pole/standard shaft and in the cast aluminum base cover for wiring and mechanically secured with tamper-proof, stainless steel screws.

Method of Measurement: This work will be measured for payment by the number of decorative light standard and luminaire and decorative light pole and light fixture units installed and accepted.

Basis of Payment: This work will be paid for at the contract unit price each for “Decorative Light Standard and Luminaire” or “Decorative Light Pole and Light Fixture” complete in place, which price shall include all materials, pole, standard, clamshell base, anchors, mounting arm, luminaire, fixture, fuse kits, fuses, anchor bolts, LED lamps, drivers, hardware connections, tap conductors, and all equipment, tools, labor and all work incidental thereto.

<u>Pay Item</u>	<u>Pay Unit</u>
Decorative Light Standard and Luminaire	ea.
Decorative Light Pole and Light Fixture	ea.