

OCTOBER 3, 2018
REHABILITATION OF BRIDGE NO. 00196
INTERSTATE-95 OVER U.S. ROUTE 1
FEDERAL AID PROJECT NO. 0952(118)
STATE PROJECT NO. 0014-0185
TOWN OF BRANFORD

ADDENDUM NO. 1

This Addendum addresses the following questions and answers contained on the “CT DOT QUESTIONS AND ANSWERS WEBSITE FOR ADVERTISED CONSTRUCTION PROJECTS”:

Question and Answer Nos. 3, 9 and 10.

SPECIAL PROVISION
REVISED SPECIAL PROVISION

The following Special Provision is hereby deleted in its entirety and replaced with the attached like-named Special Provision:

- **CONTRACT TIME AND LIQUIDATED DAMAGES**

CONTRACT ITEMS
NEW CONTRACT ITEMS

<u>ITEM NO.</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QUANTITY</u>
<u>0507099</u>	<u>HEAVY DUTY TYPE "C" CATCH BASIN TOP</u>	<u>EA</u>	<u>64 EA</u>
<u>0815093</u>	<u>BITUMINOUS CONCRETE PARK CURB</u>	<u>LF</u>	<u>825 LF</u>
<u>1209118</u>	<u>HOT-APPLIED PAINTED PAVEMENT MARKINGS 8" YELLOW</u>	<u>LF</u>	<u>50 LF</u>

DELETED CONTRACT ITEM

<u>ITEM NO.</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QUANTITY</u>
<u>0586750</u>	<u>TYPE "C" CATCH BASIN TOP</u>	<u>EA</u>	<u>20 EA</u>

REVISED CONTRACT ITEMS

<u>ITEM NO.</u>	<u>DESCRIPTION</u>	<u>ORIGINAL QUANTITY</u>	<u>REVISED QUANTITY</u>
<u>0209001</u>	<u>FORMATION OF SUBGRADE</u>	<u>6,760 SY</u>	<u>12,000 SY</u>
<u>0212000</u>	<u>SUBBASE</u>	<u>3,400 CY</u>	<u>3,100 CY</u>
<u>0406159</u>	<u>PMA S0.5</u>	<u>2,000 TON</u>	<u>2,950 TON</u>
<u>0406160</u>	<u>PMA S1</u>	<u>450 TON</u>	<u>545 TON</u>
<u>0406170</u>	<u>HMA S1</u>	<u>3,400 TON</u>	<u>2,690 TON</u>
<u>0406171</u>	<u>HMA S0.5</u>	<u>3,300 TON</u>	<u>2,400 TON</u>
<u>0406172</u>	<u>HMA S0.375</u>	<u>3,200 TON</u>	<u>2,800 TON</u>
<u>0406275A</u>	<u>FINE MILLING OF BITUMINOUS CONCRETE (0" TO 4")</u>	<u>20,800 SY</u>	<u>31,000 SY</u>
<u>0514271A</u>	<u>PRECAST CONCRETE/STEEL COMPOSITE SUPERSTRUCTURE</u>	<u>11,973 SF</u>	<u>11,800 SF</u>
<u>0602006</u>	<u>DEFORMED STEEL BARS – EPOXY COATED</u>	<u>102,000 LBS</u>	<u>111,000 LBS</u>
<u>0686000.15</u>	<u>15" R.C. PIPE – 0'-10' DEEP</u>	<u>272 LF</u>	<u>247 LF</u>
<u>0686002.15</u>	<u>15" R.C. PIPE (CLASS V) – 0'-10' DEEP</u>	<u>299 LF</u>	<u>328 LF</u>
<u>0815001</u>	<u>BITUMINOUS CONCRETE LIP CURB</u>	<u>1,925 LF</u>	<u>1,982 LF</u>
<u>0821177</u>	<u>PRECAST CONCRETE BARRIER CURB ("F" SHAPE – SINGLE FACE)</u>	<u>125 LF</u>	<u>305 LF</u>
<u>0821178</u>	<u>PRECAST CONCRETE BARRIER CURB ("F" SHAPE – DOUBLE FACE)</u>	<u>5,300 LF</u>	<u>5,461 LF</u>
<u>0821189A</u>	<u>CONCRETE BARRIER TRANSITION SECTION</u>	<u>35 LF</u>	<u>20 LF</u>
<u>1209116</u>	<u>HOT-APPLIED PAINTED PAVEMENT MARKINGS 6" YELLOW</u>	<u>270 LF</u>	<u>280 LF</u>
<u>1806202</u>	<u>TRUCK-MOUNTED OR TRAILER-MOUNTED IMPACT ATTENUATOR</u>	<u>80 HR</u>	<u>1,120 HR</u>

PLANS
NEW PLAN

The following Plan Sheet is hereby added to the Contract:

- HW-507_09

REVISED PLANS

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

- 02.01.A1
- 03.02.A1
- 03.05.A1
- 03.06.A1
- 03.07.A1
- 03.10.A1
- 04.02.A1
- 04.26.A1
- 04.39.A1
- 04.41.A1
- 04.42.A1
- 05.02.A1
- 05.03.A1
- 05.09.A1
- 05.10.A1
- 05.11.A1
- 05.12.A1
- 05.16.A1
- 05.17.A1
- 05.21.A1

The subset entitled “FIO – 14-173 As-Builts” is hereby included in this addendum.

The Proposal Bid 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.

ONTRACT TIME AND LIQUIDATED DAMAGES

In order to minimize the hazard, cost and inconvenience to the traveling public and pollution of the environment, it is necessary to limit the time of construction work, which interferes with traffic as specified in Article 1.08.04 of the Special Provisions.

There will be four assessments for liquidated damages and they will be addressed in the following manner:

1. For this contract, an assessment per day for liquidated damages, at a rate of Four Thousand One Hundred Dollars (\$4,100.00) per day shall be applied to each calendar day the work runs in excess of the Four Hundred Twenty Nine (429) allowed calendar days for the contract
2. For this contract, an assessment per hour for liquidated damages shall be applied to each hour, or any portion thereof, in which the Contractor interferes with normal Interstate 95 traffic operations during the restricted hours given in Article 1.08.04 of the Special Provisions. The liquidated damages shall be as shown in the following tables entitled "Liquidated Damages Per Hour" for each hour, or any portion thereof, in which the Contractor interferes with normal traffic operations during the restricted

hours. These lane use liquidated damages will not apply during the superstructure replacement milestone.

For the purpose of administering this contract, normal I-95 traffic operations are considered interfered with when:

- A. Any portion of the travel lanes is occupied by any personnel, equipment, materials, or supplies including signs.
- B. All available shoulder widths are occupied by any personnel, equipment, materials, or supplies including signs.
- C. Any ramps are fully or partially closed to traffic during the restricted hours at any time except when I-95 traffic is crossed over.
- D. The transition between the planes of pavement surfaces is at a rate of one inch in less than fifteen feet longitudinally.

LIQUIDATED DAMAGES PER HOUR

SPN: 014-185

Project No. 014-185 I-95 Southbound 2 Through Lane Section		
If Working Periods Extends Into	A.M. 1 Lane Closure	P.M. 1 Lane Closure
1st Hour of Restrictive Period	\$500	N/A ¹
2 nd Hour of Restrictive Period	\$2,000	N/A ¹
3rd Hour or any Subsequent Hour of Restrictive Period	\$6,000	N/A ¹
Project No. 014-185 I-95 Northbound 2 Through Lane Section		
If Working Periods Extends Into	A.M. 1 Lane Closure	P.M. 1 Lane Closure
1st Hour of Restrictive Period	\$15,000	N/A ¹
2 nd Hour of Restrictive Period	\$50,000	N/A ¹
3rd Hour or any Subsequent Hour of Restrictive Period	\$70,000	N/A ¹

The above liquidated damages apply to those hours shown on the Limitation of Operations charts designated with a “2” or “E”.

For each hour shown on the Limitation of Operations charts designated with an “E”, liquidated damages of \$500 shall apply for each hour, or part thereof, if all available shoulder widths are not available to traffic.

Liquidated damages in the amount of \$500 shall apply for each hour, or part thereof, that the Contractor interferes with existing traffic operations on any ramps during the non-allowable hours.

¹There are no daytime lane closures allowed, therefore only A.M. Liquidated Damages are required.

These lane use liquidated damages will not apply during the Superstructure Replacement Milestone. The liquidated damages set forth below for Superstructure Replacement Milestone will apply in lieu of the lane use liquidated damages; however, lane use liquidated damages will be in effect once the Superstructure Replacement Milestone has been completed.

3. **Superstructure Replacement Milestone**

For this contract, an assessment per hour for liquidated damages, at a rate of One Thousand Dollars (\$1,000) per hour or portion of an hour that the Milestone is not completed by midnight (12:00 am) of the seventy-eighth day with a maximum liquidated damage assessment of One Hundred Forty Thousand Dollars (\$140,000).

The Contractor shall refer to the “Milestone Liquidated Damages Provisions” that follows for terms and conditions.

4. **IMS Equipment Installations**

For this Contract, an assessment per day for liquidated damages, at a rate of Two Thousand Dollars (\$2,000) per day shall be applied to each calendar day that the CCTV Cameras are not operational. The CCTV Camera Sites included in this Contract are the following:

- (Existing) CCTV Camera Site No. 95S-088
- (Existing) CCTV Camera Site No. 95N-089

The contractor shall refer to the “Notice to Contractor –Installation Qualifications” for terms and conditions.