

A d d e n d u m

Iowa Department of Transportation
Office of Contracts

Date of Letting: April 21, 2015
Date of Addendum: April 14, 2015

| B.O. | Proposal ID | Proposal Work Type | County | Project Number | Addendum |
|-------------|--------------------|---------------------------|-----------------------|---------------------------------------------------|-----------------|
| 156 | 24-0302-158 | HMA Paved Shoulder - New | Crawford / Carroll | HSIPX-030-2(158)--3L-24 NHSN-030-2(161)--2R-24 | 21APR156.A02 |

Make the following changes to the PROPOSAL SCHEDULE OF PRICES:

Add Proposal Line No. 0045 2121-7425020 GRANULAR SHOULDERS, TYPE B;
8722.9 TONS

If the above changes are not made, they will be made as shown here.

Make the following change to the HSIPX-030-2(158)--3L-24 Plan

Replace Sheet B.1 with the attached B.1
Adding Typical 7135
Adding Note 5 to Typical 7152

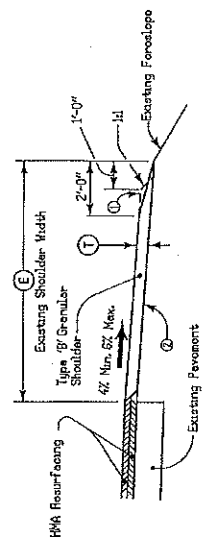
Replace Sheet C.1 with the attached C.1
Adding Item 4, 2121-7425020 GRANULAR SHOULDERS, TYPE B; 8722.9 TONS
to Estimated Project Quantities

Adding Item 4, 2121-7425020 GRANULAR SHOULDERS, TYPE B to Estimate
Reference Information

7153
10-15-23

- ① Place and compact subgrade to the dashed lines shown above and slope to forelane distinction above the solid line in the center 2' and roll with loaded track tire.
- ② Existing shoulder surface to be placed to a uniform thickness. Slope to be planned. Placement of the granular shoulder material to rest less than the thickness of the restriction.
- ③ See Figure 7152 on this Sheet for locations.

TYPICAL SECTION FOR TYPE 'B' GRANULAR SHOULDER ADJACENT TO HOT MIX ASPHALT RESURFACING

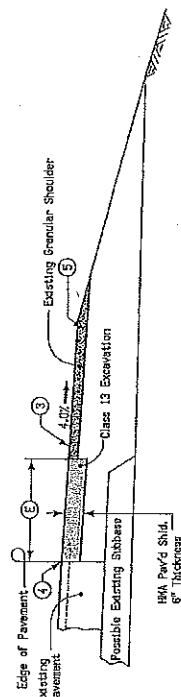


| ROAD IDENTIFICATION | LOCATION | STATION TO STATION | SIZE | T | E |
|---------------------|----------|--------------------|------|-----|-----|
| US 30 | 30P | EP | B | 1.0 | 5.0 |

7152
Modified

- ① New side per station.
- ② Old form.
- ③ Blinding and shaping of the existing shoulder. Not included in Class 13 excavation quantity.
- ④ Excavation to Class 13 Excavation.
- ⑤ Shoulder material as specified elsewhere in this plan. Refer to 7155 on this sheet.

TYPICAL SECTION RETROFIT HOT MIX ASPHALT PAVED SHOULDER



| Road Identification | Location | Station to Station | Side | Quantities | | Asphalt Binder | Sho. Shoulder |
|---------------------|--------------|--------------------|------|------------------------|----------------|----------------|---------------|
| | | | | Class 13(2) Excavation | Paved Shoulder | | |
| US 30 DIV. 1 | 18-21 | 38-58 | RT | 4.0 | 3.70 | 14.50 | 3.06 |
| US 30 DIV. 2 | 38-58 | 207-44.3 | RT | 4.0 | 3.70 | 14.50 | 3.06 |
| US 30 DIV. 1 | 210-63 | 423-60 | RT | 4.0 | 3.70 | 14.50 | 3.06 |
| US 30 DIV. 2 | 423-60 | 442-32 | RT | 4.0 | 3.70 | 14.50 | 3.06 |
| US 30 DIV. 1 | 457-41 | 475-53 | RT | 4.0 | 3.70 | 14.50 | 3.06 |
| US 30 DIV. 2 | 475-53 | 505-30 | RT | 4.0 | 3.70 | 14.50 | 3.06 |
| US 30 DIV. 1 | 505-30 | 522-77 | RT | 4.0 | 3.70 | 14.50 | 3.06 |
| US 30 DIV. 2 | 522-77 | 533-14 | RT | 4.0 | 3.70 | 14.50 | 3.06 |
| US 30 DIV. 1 | 533-14 | 563-16 | RT | 4.0 | 3.70 | 14.50 | 3.06 |
| US 30 DIV. 2 | 563-16 | 582-17 | RT | 4.0 | 3.70 | 14.50 | 3.06 |
| US 30 DIV. 1 | 582-17 | 718-20.17 | RT | 4.0 | 3.70 | 14.50 | 3.06 |
| US 30 DIV. 2 | 718-20.17 | 733-37.35 | RT | 4.0 | 3.70 | 14.50 | 3.06 |
| US 30 DIV. 1 | 733-37.35 | 764-19 | RT | 4.0 | 3.70 | 14.50 | 3.06 |
| US 30 DIV. 2 | 764-19 | 1172-4.5 | RT | 4.0 | 3.70 | 14.50 | 3.06 |
| US 30 DIV. 1 | 1172-4.5 | 1290-35 | RT | 4.0 | 3.70 | 14.50 | 3.06 |
| US 30 DIV. 2 | 1290-35 | 521-87 | RT | 4.0 | 3.70 | 14.50 | 3.06 |
| US 30 DIV. 1 | 521-87 | 524-44 | RT | 4.0 | 3.70 | 14.50 | 3.06 |
| US 30 DIV. 2 | 524-44 | 575-00 | RT | 4.0 | 3.70 | 14.50 | 3.06 |
| US 30 DIV. 1 | 201-2-32 | 203-41 | LT | 4.0 | 3.70 | 14.50 | 3.06 |
| US 30 DIV. 2 | 203-41 | 204-8-28.65 | LT | 4.0 | 3.70 | 14.50 | 3.06 |
| US 30 DIV. 1 | 131-16-15.25 | 131-16-15.25 | LT | 4.0 | 3.70 | 14.50 | 3.06 |
| US 30 DIV. 2 | 131-16-15.25 | 207-82 | LT | 4.0 | 3.70 | 14.50 | 3.06 |
| US 30 DIV. 1 | 211-00.5 | 316-50 | LT | 4.0 | 3.70 | 14.50 | 3.06 |
| US 30 DIV. 2 | 316-50 | 425-00 | LT | 4.0 | 3.70 | 14.50 | 3.06 |
| US 30 DIV. 1 | 425-00 | 422-32 | LT | 4.0 | 3.70 | 14.50 | 3.06 |
| US 30 DIV. 2 | 422-32 | 457-53 | LT | 4.0 | 3.70 | 14.50 | 3.06 |
| US 30 DIV. 1 | 457-53 | 574-20 | LT | 4.0 | 3.70 | 14.50 | 3.06 |
| US 30 DIV. 2 | 574-20 | 583-01.5 | LT | 4.0 | 3.70 | 14.50 | 3.06 |
| US 30 DIV. 1 | 583-01.5 | 718-20.17 | LT | 4.0 | 3.70 | 14.50 | 3.06 |
| US 30 DIV. 2 | 718-20.17 | 742-38 | LT | 4.0 | 3.70 | 14.50 | 3.06 |
| US 30 DIV. 1 | 742-38 | 773-37.35 | LT | 4.0 | 3.70 | 14.50 | 3.06 |
| US 30 DIV. 2 | 773-37.35 | 784-107.5 | LT | 4.0 | 3.70 | 14.50 | 3.06 |
| US 30 DIV. 1 | 784-107.5 | 829-55 | LT | 4.0 | 3.70 | 14.50 | 3.06 |
| US 30 DIV. 2 | 829-55 | 522-10 | LT | 4.0 | 3.70 | 14.50 | 3.06 |
| US 30 DIV. 1 | 522-10 | 587-25.5 | LT | 4.0 | 3.70 | 14.50 | 3.06 |
| US 30 DIV. 2 | 587-25.5 | 575-00 | LT | 4.0 | 3.70 | 14.50 | 3.06 |

DIVISION 1: URBAN CRAWFORD AND CARROLL CO.
DIVISION 2: RURAL CRAWFORD AND CARROLL CO.

ESTIMATED PROJECT QUANTITIES
(UP TO A 5 DIVISION PROJECT)

| Item No. | Item Code | Item | Unit | Quantities | | | | |
|----------|-------------|------------------------------------------------|------|------------|------------|------------|------------|------------|
| | | | | Division 1 | Division 2 | Division 3 | Division 4 | Division 5 |
| 1 | 2102-823978 | SPECIAL BACKFILL | TON | 654.4 | | | | 654.4 |
| 2 | 2102-823978 | ENCASULATION, CLASS 11, ROADWAY AND BENCH | CY | 869 | | | | 869 |
| 3 | 2102-823978 | ENCASULATION, CLASS 11, ROADWAY AND BENCH | CY | 869 | | | | 869 |
| 4 | 222-425278 | GRAVEL SHOULDER, TYPE B | TON | 584.2 | | | | 584.2 |
| 5 | 232-588668 | PAVED SHOULDER, HOT MIX ASPHALT MIXTURE, 5 IN. | SV | 13859.8 | | | | 13859.8 |
| 6 | 232-588668 | SHOULDER CONSTRUCTION, BATH | SV | 16.6 | | | | 16.6 |
| 7 | 232-588668 | HOT MIX ASPHALT PAVEMENT SAMPLES | SV | 257.1 | | | | 257.1 |
| 8 | 2301-021808 | REMOVAL OF STEEL BEAM GUARDRAIL | LF | 6.1 | | | | 6.1 |
| 9 | 2301-021808 | STEEL BEAM GUARDRAIL | LF | 428 | | | | 428 |
| 10 | 2301-021808 | STEEL BEAM GUARDRAIL | LF | 428 | | | | 428 |
| 11 | 2301-021808 | STEEL BEAM GUARDRAIL | LF | 428 | | | | 428 |
| 12 | 2301-021808 | STEEL BEAM GUARDRAIL | LF | 428 | | | | 428 |
| 13 | 2301-021808 | STEEL BEAM GUARDRAIL | LF | 428 | | | | 428 |
| 14 | 2301-021808 | STEEL BEAM GUARDRAIL | LF | 428 | | | | 428 |
| 15 | 2301-021808 | STEEL BEAM GUARDRAIL | LF | 428 | | | | 428 |
| 16 | 2301-021808 | STEEL BEAM GUARDRAIL | LF | 428 | | | | 428 |
| 17 | 2301-021808 | STEEL BEAM GUARDRAIL | LF | 428 | | | | 428 |
| 18 | 2301-021808 | STEEL BEAM GUARDRAIL | LF | 428 | | | | 428 |
| 19 | 2301-021808 | STEEL BEAM GUARDRAIL | LF | 428 | | | | 428 |
| 20 | 2301-021808 | STEEL BEAM GUARDRAIL | LF | 428 | | | | 428 |
| 21 | 2301-021808 | STEEL BEAM GUARDRAIL | LF | 428 | | | | 428 |
| 22 | 2301-021808 | STEEL BEAM GUARDRAIL | LF | 428 | | | | 428 |
| 23 | 2301-021808 | STEEL BEAM GUARDRAIL | LF | 428 | | | | 428 |
| 24 | 2301-021808 | STEEL BEAM GUARDRAIL | LF | 428 | | | | 428 |
| 25 | 2301-021808 | STEEL BEAM GUARDRAIL | LF | 428 | | | | 428 |
| 26 | 2301-021808 | STEEL BEAM GUARDRAIL | LF | 428 | | | | 428 |

| Item No. | Item Code | Description | Quantities | | | | |
|----------|-------------|------------------------------------------------|------------|------------|------------|------------|------------|
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| 1 | 2102-823978 | SPECIAL BACKFILL | | | | | 654.4 |
| 2 | 2102-823978 | ENCASULATION, CLASS 11, ROADWAY AND BENCH | | | | | 869 |
| 3 | 2102-823978 | ENCASULATION, CLASS 11, ROADWAY AND BENCH | | | | | 869 |
| 4 | 222-425278 | GRAVEL SHOULDER, TYPE B | | | | | 584.2 |
| 5 | 232-588668 | PAVED SHOULDER, HOT MIX ASPHALT MIXTURE, 5 IN. | | | | | 13859.8 |
| 6 | 232-588668 | SHOULDER CONSTRUCTION, BATH | | | | | 16.6 |
| 7 | 232-588668 | HOT MIX ASPHALT PAVEMENT SAMPLES | | | | | 257.1 |
| 8 | 2301-021808 | REMOVAL OF STEEL BEAM GUARDRAIL | | | | | 6.1 |
| 9 | 2301-021808 | STEEL BEAM GUARDRAIL | | | | | 428 |
| 10 | 2301-021808 | STEEL BEAM GUARDRAIL | | | | | 428 |
| 11 | 2301-021808 | STEEL BEAM GUARDRAIL | | | | | 428 |
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| 13 | 2301-021808 | STEEL BEAM GUARDRAIL | | | | | 428 |
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| 25 | 2301-021808 | STEEL BEAM GUARDRAIL | | | | | 428 |
| 26 | 2301-021808 | STEEL BEAM GUARDRAIL | | | | | 428 |

| ESTIMATE REFERENCE INFORMATION | |
|--------------------------------|---------------------------------------------------------------------------------------------------|
| Item No. | Description |
| 15 | 2397-888805 REVEALMENT, CLASS E See Tab 109-23 on Sheet C.5. |
| 16 | 2327-828109 PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED See Tab 108-22 on Sheet C.3. |
| 17 | 2328-844510 TRAFFIC CONTROL See Traffic Control Plan on Sheet C.1. |
| 18 | 2328-844513 FLARGERS |
| 19 | 2328-844515 PILOT COBS |
| 20 | 2328-844515 PILOT COBS |
| 21 | 2328-844515 PILOT COBS |
| 22 | 2328-844515 PILOT COBS |
| 23 | 2328-844515 PILOT COBS |
| 24 | 2328-844515 PILOT COBS |
| 25 | 2328-844515 PILOT COBS |
| 26 | 2328-844515 PILOT COBS |

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|--------------------------------|-------------------------------------------------------------------------------------------|
| Item No. | Description |
| 1 | 2102-823978 SPECIAL BACKFILL See Tab 109-23 on Sheet C.5. |
| 2 | 2102-823978 SPECIAL BACKFILL See Tab 109-23 on Sheet C.5. |
| 3 | 2102-823978 SPECIAL BACKFILL See Tab 109-23 on Sheet C.5. |
| 4 | 222-425278 GRAVEL SHOULDER, TYPE B See Tab 108-22 on Sheet C.3. |
| 5 | 232-588668 PAVED SHOULDER, HOT MIX ASPHALT MIXTURE, 5 IN. See Tab 108-22 on Sheet C.3. |
| 6 | 232-588668 SHOULDER CONSTRUCTION, BATH See Tab 108-22 on Sheet C.3. |
| 7 | 232-588668 HOT MIX ASPHALT PAVEMENT SAMPLES See Tab 108-22 on Sheet C.3. |
| 8 | 2301-021808 REMOVAL OF STEEL BEAM GUARDRAIL See Tab 108-22 on Sheet C.3. |
| 9 | 2301-021808 STEEL BEAM GUARDRAIL See Tab 108-22 on Sheet C.3. |
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