**Dimension shown is at 60°F subtract 0.5 for each 10°F temperature rise and add 0.5 for each 10°F temperature fall.**

Note: The quantity of Apsh. Conc. includes the additional volume necessary to provide a minimum thickness of 1" of Apsh. Concrete due to the irregularity of the deck surface.

**SECTION THRU JOINT FILLER AT RENT NO. 2**

**SECTION THRU EXP. DECK AT RENT NO. 5**

**BRIDGE OVER MIDDLE FORK OF GRAND RIVER**

STATE ROAD FROM IOWA STATE LINE TO R.I.T.E. M

ABOUT 2 MILES SOUTH OF GRANT CITY

JOB NO. P-1181-40 R.I.T.E. H41 5TH 425429

Sheet No. 1 of 1 DATE 9/10/78 WORTH COUNTY 5/12/78
GENERAL NOTES:

Expansion Joint System shall be fabricated and furnished by the Contractor as follows:

1. Expansion Joint System shall be supplied with all parts and materials necessary to complete the joint system in accordance with the drawings and specifications. All parts and materials shall be of the quality and grade specified in the drawings and specifications.

2. The expansion joint shall be designed and fabricated to accommodate the movement and deformation of the structure due to temperature changes, seismic activity, and other external forces.

3. The expansion joint shall be capable of withstanding the pressure and flow rates specified in the drawings and specifications. Any additional pressure or flow rates shall be considered as an overload.

PART PLAN

Detail "A"

DETAIL "A" DETAILS OF STRIP SEAL AT INTERMEDIATE BENT NO. 5

Note: This drawing is not to scale. Follow dimensions. Sheet No. 3 of 6

SECTION A-A

Note: Strip seal gasket not shown for clarity.
PART PLAN OF SLAB AT INT. BENTS NO. 2 & 5
SHOWING REINFORCEMENT

PART SECTION A-A @ INT. BENT NO. 2
Note: Strip seal applied not shown for clarity.

PART SECTION A-A @ INT. BENT NO. 5
Note: Strip seal applied not shown for clarity.

DETAILS OF SLAB REMOVAL & REPLACEMENT AT INT. BENTS NO. 2 & 5

Notes:
For details of strip seal, see Sheets No. 2 & 3.
For details of barrier curb removal & replacement, see Sheet No. 3.
PART PLAN OF SLAB AT INT. BENTS NO. 2 & 5
SHOWING REINFORCEMENT

NOTES:
For details of Stop Seal, see Sheets No. 2 & 3.
For details of Barrier Cart Removal & Replacement, see Sheet No. 5.

DETAILS OF SLAB REMOVAL & REPLACEMENT AT INT. BENTS NO. 2 & 5

NOTES: This drawing is not to scale. Follow dimensions.
PART SECTION AT INT. BENTS NO. 2 & 5
Note: Existing channel curb and pavers not shown.

PART SECTION A-A

NOTES:
For details of Strip Seal not shown, see Sheets No. 2 & 3.
For details of Strip Seal Removal & Replacement, see Sheet No. 4.

Chapter 2 of the project scope includes the removal and replacement of existing concrete curbs. The work will be performed at the job site, and the contractor is responsible for all labor, materials, tools, and equipment required to complete the work. The contractor is also responsible for coordinating with other trades and ensuring the work is installed in accordance with the plans and specifications.

Replacement curb shall match existing curb dimensions.

Existing curb pavers located within the project area will be removed and replaced with new concrete pavers. The new pavers shall be installed in accordance with the plans and specifications.

PART PLAN SHOWING CURB REINFORCEMENT
Note: Existing channel curb and pavers not shown for clarity.

DETAILS OF BARRIER CURB REMOVAL & REPLACEMENT AT INT. BENTS NO. 2 & 5

Details: This drawing is not to scale. Follow dimensions, dimensions, and specifications.