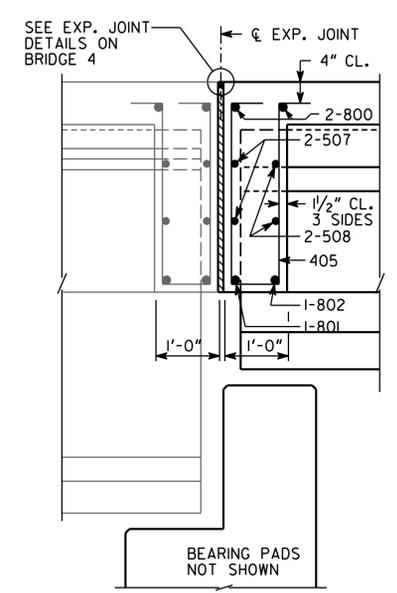
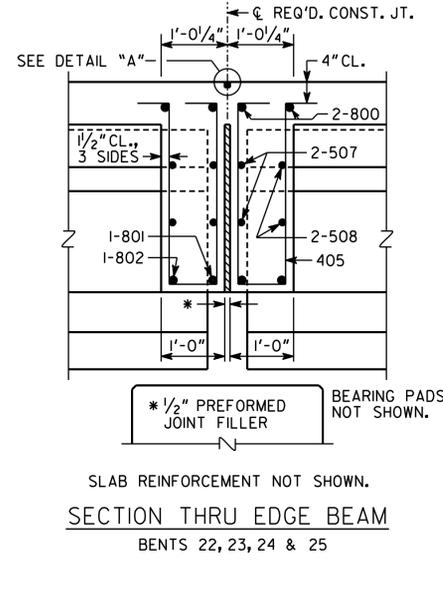


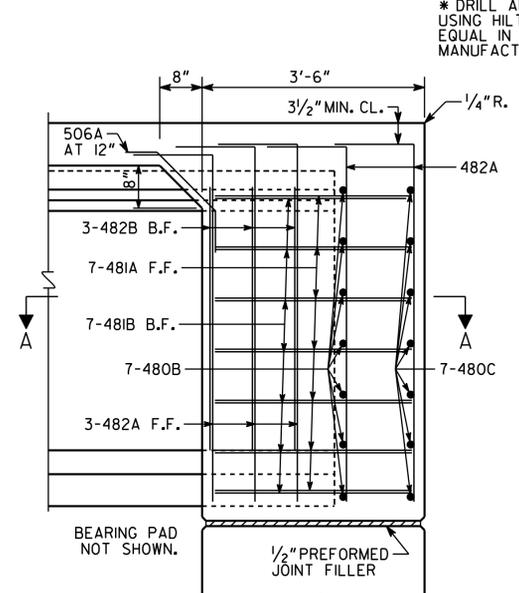
|       |                    |           |              |
|-------|--------------------|-----------|--------------|
| STATE | PROJECT NUMBER     | SHEET NO. | TOTAL SHEETS |
| GA.   | NH000-0085-02(153) | 293       | 480          |



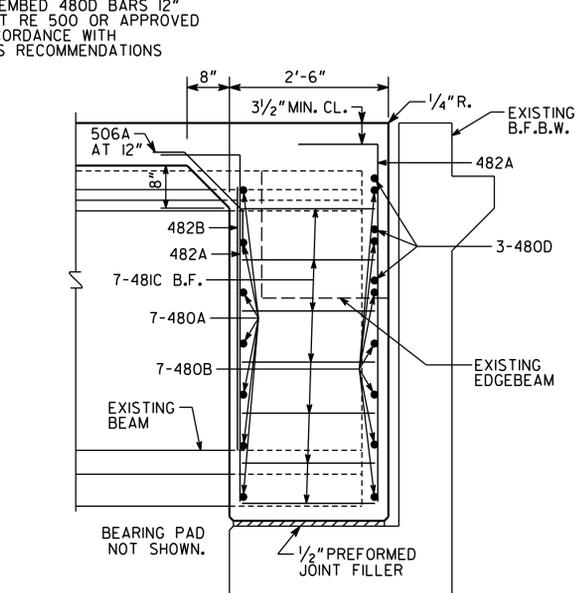
SECTION THRU EDGE BEAM  
BENT 21



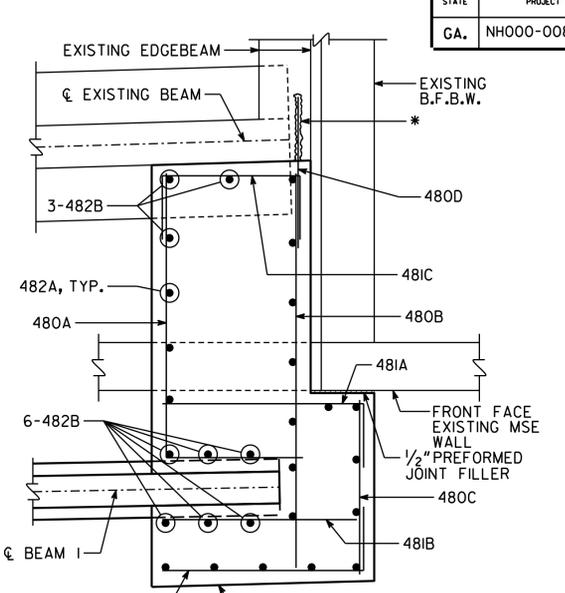
SECTION THRU EDGE BEAM  
BENTS 22, 23, 24 & 25



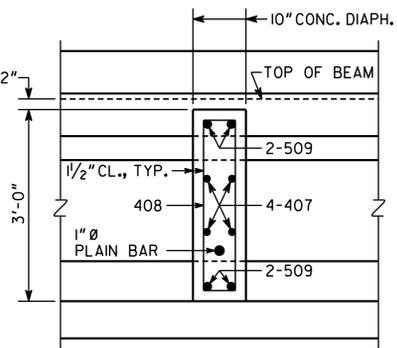
ELEVATION AT END DIAPHRAGM  
BENT 27



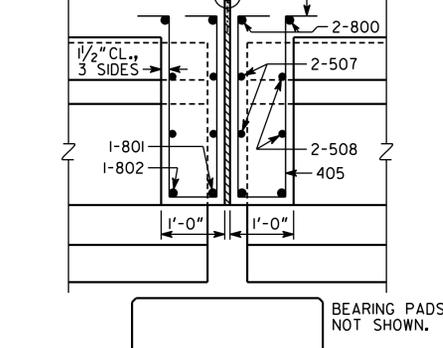
SECTION THRU END DIAPHRAGM  
BENT 27



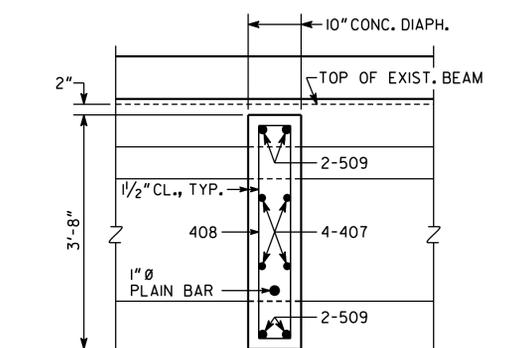
SECTION A-A THRU END DIAPHRAGM  
BENT 27



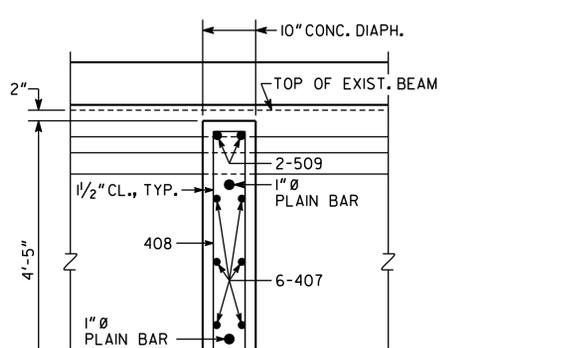
SECTION THRU DIAPHRAGM  
SPANS 21-24



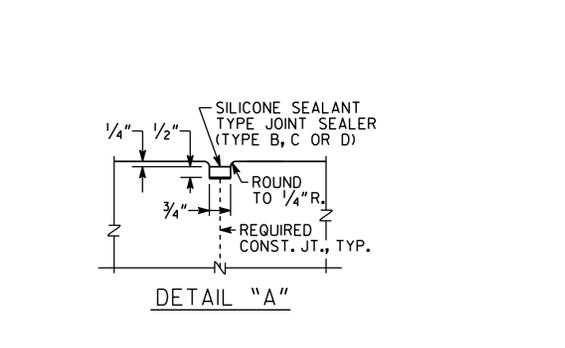
SECTION THRU EDGE BEAM  
BENT 25



SECTION THRU DIAPHRAGM  
SPANS 25

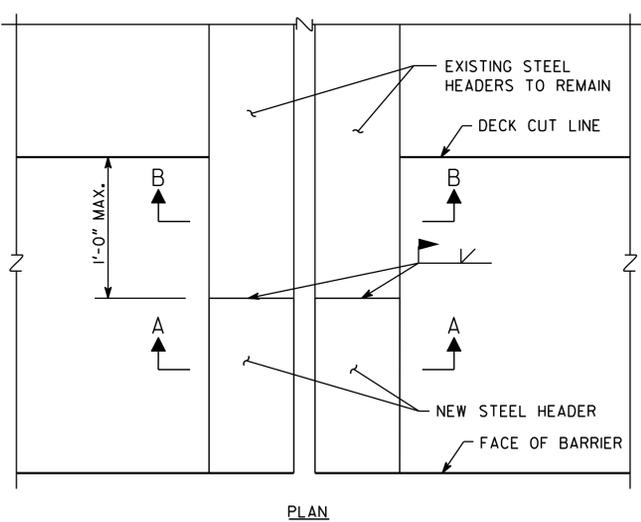


SECTION THRU DIAPHRAGM  
SPANS 26

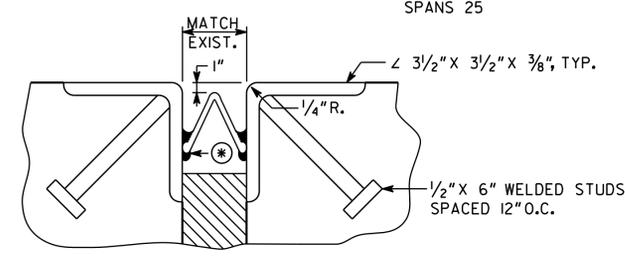


DETAIL "A"

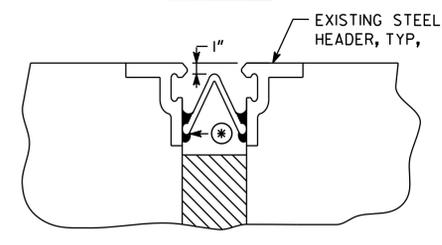
- EXPANSION JOINT NOTES:
- DO NOT CUT EXISTING STEEL EXPANSION JOINT HEADERS AT DECK CUT LINE AT BENTS 25 AND 27. CHIP CONCRETE AWAY FROM EXISTING HEADERS IN PORTIONS OF DECK TO BE REMOVED. RETAIN EXISTING STEEL HEADERS AT BENT 27. EXTEND EXISTING STEEL HEADERS AT BENT 25 WITH THE DETAIL SHOWN BELOW. CONNECT THE TOP FLANGES OF EXISTING AND NEW STEEL HEADERS PRIOR TO CASTING DECK WITH A FULL PENETRATION BEVEL WELD. GRIND ALL WELDS, BURRS AND DEFECTS AT ALL STEEL EXPANSION JOINT HEADERS TO PROVIDE A SMOOTH RIDING SURFACE.
  - SEE SPECIAL PROVISION - SECTION 449 "BRIDGE DECK JOINT SEALS" FOR FURTHER REQUIREMENTS.
  - INCLUDE ALL COSTS ASSOCIATED WITH FURNISHING LABOR, MATERIALS, FABRICATION AND INSTALLATION OF PREFORMED SILICONE SEALS COMPLETE AND IN PLACE IN THE UNIT PRICE BID FOR PAY ITEM 449-1350.
  - STEEL EXPANSION JOINT HEADERS SHALL BE ASTM A709, GRADE 50W STEEL.



PLAN



SECTION A-A

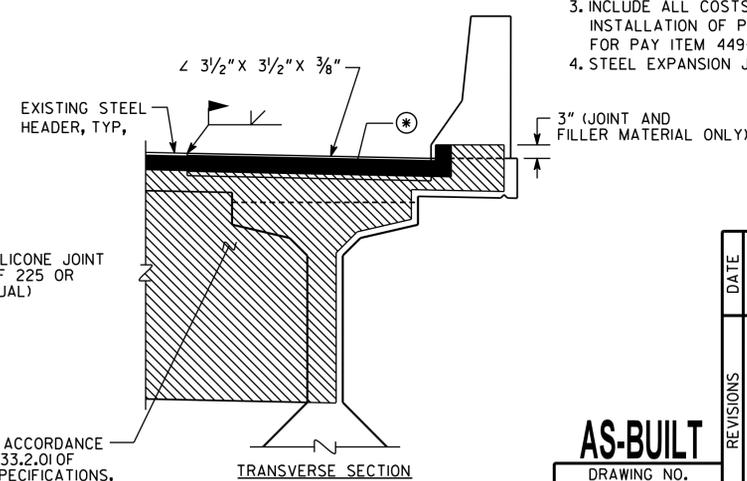


SECTION B-B

EXPANSION JOINT DETAILS  
BENTS 25 & 27 ONLY

\* PREFORMED SILICONE JOINT (SILICOFLEX SF 225 OR APPROVED EQUAL)

FILLER MATERIAL IN ACCORDANCE WITH SUB-SECTION 833.2.01 OF THE GEORGIA DOT SPECIFICATIONS, HOLD IN PLACE WITH 10# GALV. NAILS, TYP.



TRANSVERSE SECTION

AS-BUILT

|              |           |
|--------------|-----------|
| DRAWING NO.  | 35.5 - 11 |
| BRIDGE SHEET | 11 OF 29  |

|      |  |           |           |
|------|--|-----------|-----------|
| DATE |  | REVISIONS |           |
| BY   |  | DESIGNED  | JMO / GBL |
|      |  | CHECKED   | KAK / MS  |
|      |  | DESIGNED  | DB        |
|      |  | REVIEWED  |           |
|      |  | APPROVED  |           |

BRIDGE NO. 5

GEORGIA  
DEPARTMENT OF TRANSPORTATION  
ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES

MISCELLANEOUS DETAILS  
SR 400 TO I-85 RAMP  
SR 400/I-85 CONNECTOR RAMPS OVER LENOX ROAD AND NORTH FORK PEACHTREE CREEK  
FULTON COUNTY NH000-0085-02(153)

SCALE: NO SCALE

MARCH 2012