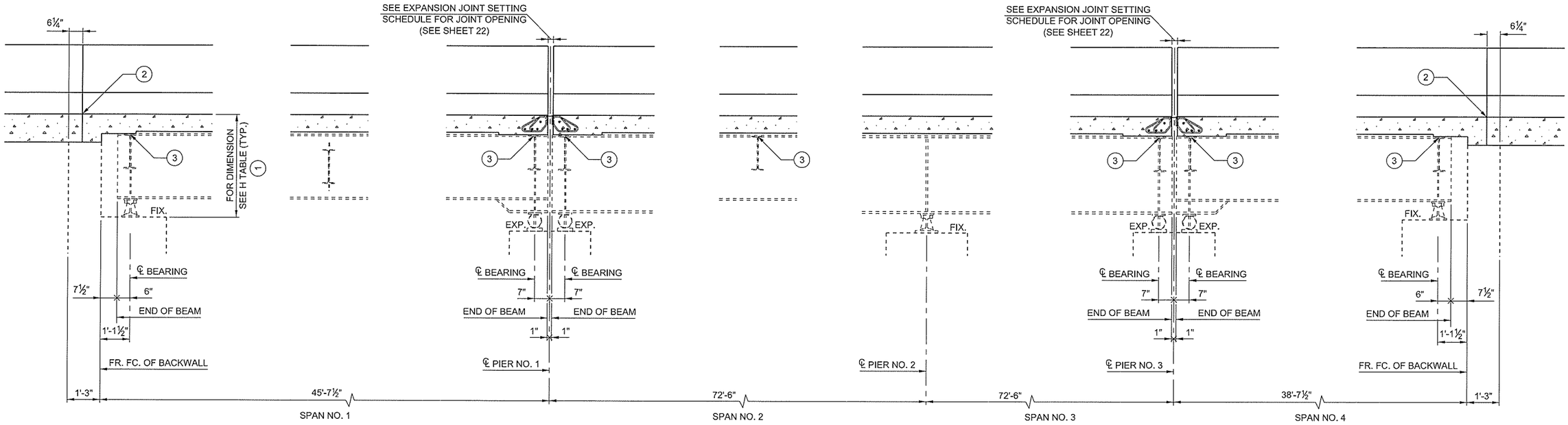



LONGITUDINAL SECTION

1. DIMENSION IS FROM TOP OF DECK SLAB TO BOTTOM OF BEARING ASSEMBLY AT ℄ BEARING AT ABUTMENTS AND PIERS.
2. SAWED AND SEALED CONSTRUCTION JOINT.
3. CLEAN AND PAINT THE TOP AND SIDES OF THE TOP FLANGE OF ALL DIAPHRAGMS IN CONTACT WITH THE EXISTING DECK. SEE SHEET 20 FOR ADDITIONAL DETAILS.

| H-DIMENSION - BRIDGE "A" | | | | | |
|---|---|---|---|---|---|
| LOCATION | BEAM LINE NUMBER | | | | |
| | 1 | 2 | 3 | 4 | 5 |
| ABUTMENT NO. 1 | 4'-0 9/16" | 4'-1" | 4'-1 7/16" | 4'-1 7/8" | 4'-2 5/16" |
| PIER NO. 1 | 4'-7 7/16" | 4'-7 7/8" | 4'-8 5/16" | 4'-8 3/4" | 4'-9 3/16" |
| PIER NO. 2 | 4'-7 3/4" | 4'-8 1/4" | 4'-8 5/8" | 4'-9 1/8" | 4'-9 9/16" |
| PIER NO. 3 | 4'-6 5/8" | 4'-7 1/8" | 4'-7 1/2" | 4'-8" | 4'-8 7/16" |
| ABUTMENT NO. 2 | 4'-0 5/16" | 4'-0 13/16" | 4'-1 3/16" | 4'-1 11/16" | 4'-2 1/16" |

| H-DIMENSION - BRIDGE "B" | | | | | |
|---|---|---|---|---|---|
| LOCATION | BEAM LINE NUMBER | | | | |
| | 1 | 2 | 3 | 4 | 5 |
| ABUTMENT NO. 1 | 4'-2 5/8" | 4'-2 1/8" | 4'-1 3/4" | 4'-1 1/4" | 4'-0 13/16" |
| PIER NO. 1 | 4'-9 1/16" | 4'-8 9/16" | 4'-8 1/8" | 4'-7 5/8" | 4'-7 1/4" |
| PIER NO. 2 | 4'-9 13/16" | 4'-9 3/8" | 4'-8 15/16" | 4'-8 7/16" | 4'-8 1/16" |
| PIER NO. 3 | 4'-8 3/4" | 4'-8 1/4" | 4'-7 13/16" | 4'-7 3/8" | 4'-6 15/16" |
| ABUTMENT NO. 2 | 4'-2 3/8" | 4'-1 15/16" | 4'-1 1/2" | 4'-1" | 4'-0 5/8" |

## STAY-IN-PLACE DECK FORM NOTES

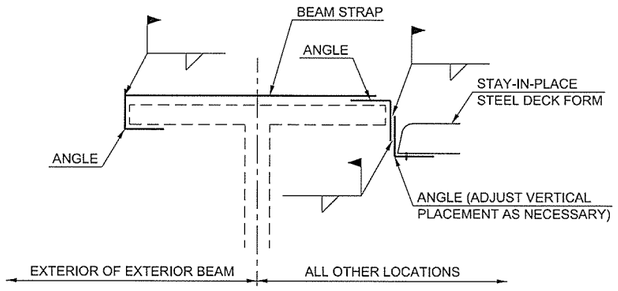
THE CONTRACTOR MAY USE STAY-IN-PLACE STEEL DECK FORMS IF THE MINIMUM DECK SLAB THICKNESS OF 8" IS OBTAINED BY MEASURING FROM THE TOP OF THE DECK SLAB TO THE TOP PORTION OF THE STEEL CORRUGATION. PERFORMED CORRUGATION FILLER, COMPOSED OF POLYSTYRENE OR OTHER MATERIAL, MAY BE USED IF BONDED TO THE DECK FORMS. NO ADDITIONAL CONCRETE WEIGHT OF THE DECK SLAB IS PERMITTED. THE TOTAL ADDITIONAL WEIGHT OF THE DECK FORM AND FILLER SHALL NOT EXCEED 5 P.S.F. THE DEPARTMENT CONSIDERS ALL COSTS OF STAY-IN-PLACE STEEL DECK FORMS TO BE INCLUDED IN THE UNIT PRICE OF CLASS AA CONCRETE.

THE CONTRACTOR MAY SUBSTITUTE STAY-IN-PLACE PRESTRESSED CONCRETE DECK FORMS, AT NO ADDITIONAL COST TO THE DEPARTMENT, IF THE FOLLOWING CONDITIONS ARE MET:

(1) THE BRIDGE ENGINEER APPROVES SHOP DRAWINGS AND STRUCTURAL CALCULATIONS FOR THE FORMS SUBMITTED BY THE CONTRACTOR.

(2) THE BRIDGE ENGINEER APPROVES NEW STRUCTURAL DESIGN, STRUCTURAL CALCULATIONS, AND A NEW REINFORCING SCHEDULE FOR THE DECK SLAB SUBMITTED BY THE CONTRACTOR.

(3) SHOP DRAWINGS, NEW DECK SLAB REINFORCING SCHEDULE, STRUCTURAL DESIGN, AND CALCULATIONS ARE PREPARED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF OKLAHOMA.




## STAY-IN-PLACE STEEL DECK FORM FLANGE CONNECTION DETAIL

DO NOT WELD TO THE TOP FLANGE OR STUDS. REPORT ANY ARC STRIKE, WELD SPLATTER OR WELDING ON TOP FLANGE TO BRIDGE ENGINEER IMMEDIATELY.

PRINT DATE: 7/15/2016 T:\1420\Drawings\Bridge\1420-super03.dgn

S.H. 74 OVER I-35 McCLAIN CO.

| | | |
|---|---|---|
| DESIGN | GDD | |
| DRAWN | ZTF | |
| CHECKED | JTK | |
| APPROVED | | |
| SQUAD | MacArthur | |

OKLAHOMA DEPARTMENT OF TRANSPORTATION

LONGITUDINAL SECTION

STATE JOB NO. 29572(04) SHEET NO. 18