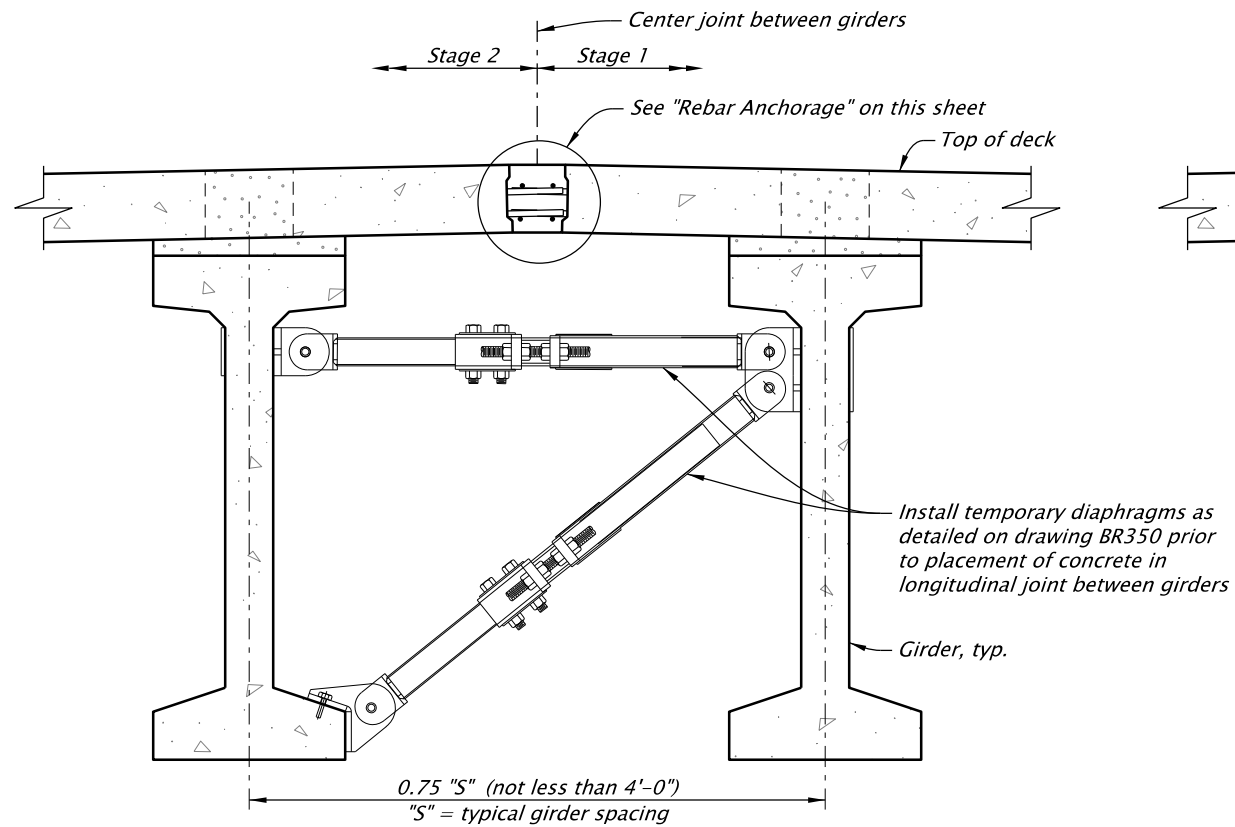
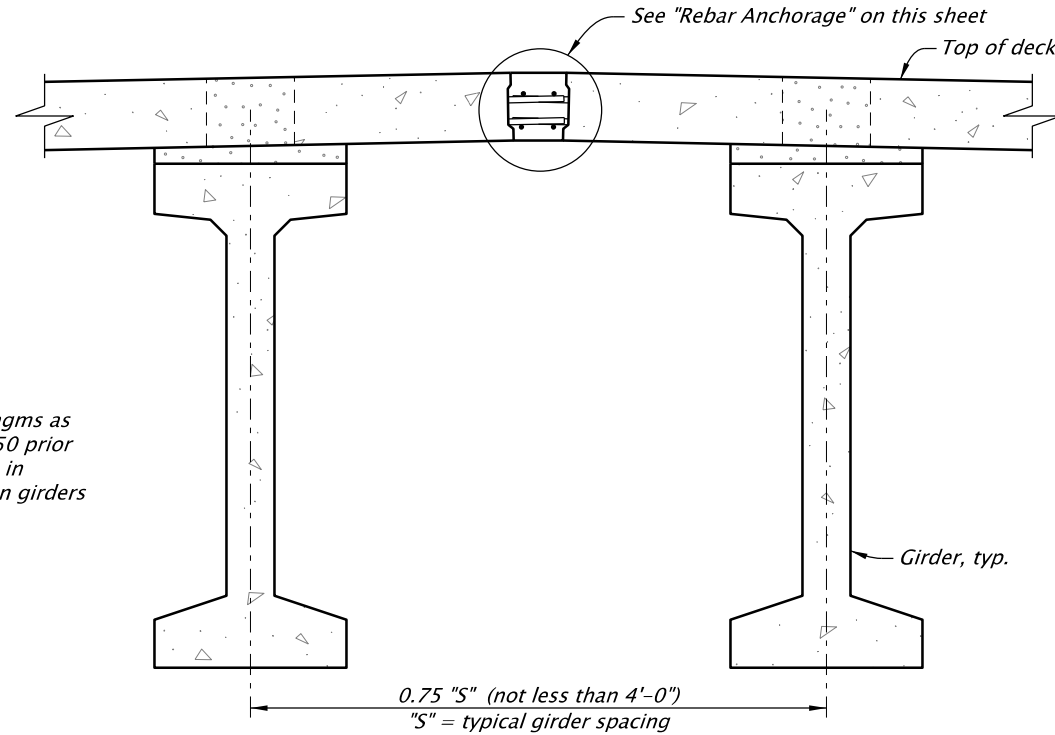




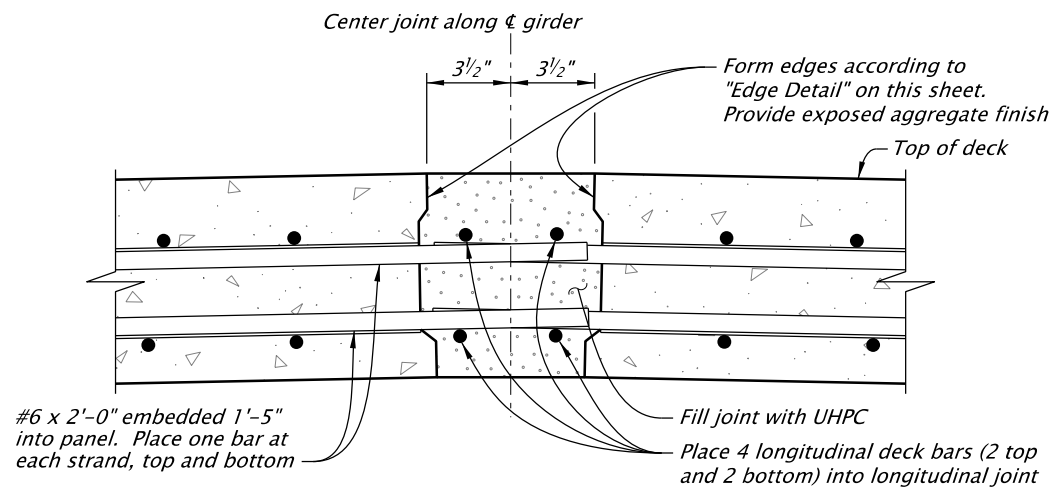
LONGITUDINAL JOINT WITH STAGE CONSTRUCTION

Scale: 1/2"=1'-0"



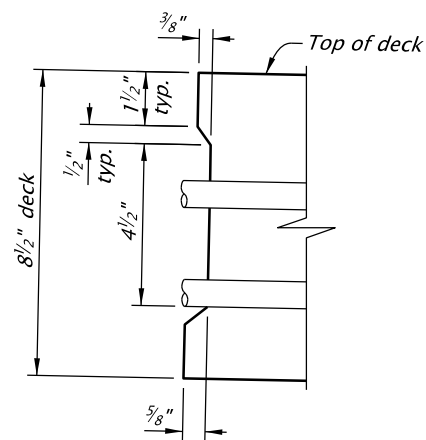
LONGITUDINAL JOINT WITHOUT STAGE CONSTRUCTION

Scale: 1/2"=1'-0"



REBAR ANCHORAGE

Scale: 1 1/2"=1'-0"



EDGE DETAIL

Not To Scale

Accompanied by drawing BR350

CONSTRUCTION SEQUENCE

PRECAST CONCRETE POST-TENSION DECK PANELS ONLY

1. Fabricate precast prestressed deck panels.
2. Place all girders and install diaphragm beams.
3. Place precast deck panels from end to end of bridge. Install post-tensioning tendons in ducts progressively as panels are placed.
4. Perform leveling of panels after all panels are in place to accommodate girder deflection from panel loading.
5. When leveling is complete, secure formwork or place foam sealant or backer rods between girders and panels and at transverse panel joints.
6. Place grout in transverse deck panel joints and in blockouts at post-tensioning ducts at edge of panels.
7. Perform longitudinal post-tensioning.
8. Place UHPC in shear blockouts. Remove leveling bolt heads and grout recesses at top of bolts.
9. Place closure pours as required at abutments.

PRECAST CONCRETE DECK PANELS ONLY

1. Fabricate precast prestressed deck panels.
2. Place all girders and install diaphragm beams.
3. Place precast deck panels from end to end of bridge.
4. Perform leveling of panels after all panels are in place to accommodate girder deflection from panel loading.
5. When leveling is complete, secure formwork or place foam sealant or backer rods between girders and panels and at transverse panel joints.
6. Place grout in transverse deck panel joints and in shear blockouts.
7. Remove leveling bolt heads and grout recesses at top of bolts.
8. Place closure pours as required at abutments.

The selection and use of this detail, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

OREGON DEPARTMENT OF TRANSPORTATION



ENGINEERING AND
TECHNICAL SERVICES BRANCH

PRECAST CONCRETE DECK
PANEL LONGITUDINAL JOINT
BETWEEN GIRDERS

DETAIL NO.

DET3435