

CONCEPT DETAIL

TEMPORARY DIAPHRAGM

SCALE=1'-0"

TEMPORARY DIAPHRAGM LAYOUT SCALE=1'-0"

REVISIONS				DESIGNED	SCALES SHOWN	Γ
NO.	DATE	BY	DESCRIPTION	DESIGN CHECKED	ARE FOR 11" X 17" PRINTS ONLY	
\vdash				DETAILED	CADD FILE NAME Standards/Bridge Standard Drawings/]
Ā				DWG. CHECKED	B05_3P.DGN.dgn	1
$ \wedge $				CORRECTIONS	DRAWING DATE:	ľ

IDAHO
TRANSPORTATION
DEPARTMENT
YOUR Safety-YOUR Mobility-YOUR Economic Opportunity

APPROVED BY:
BRIDGE ENGINEER MICHAEL T. JOHNSON DATE:

PROJECT NO.

TEMPORARY DIAPHRAGM DETAILS

BRIDGE PLANS

BRIDGE KEY NO.

COUNTY

KEY NO.

BRIDGE LRFD DESIGN MANUAL, B5.3P

BRIDGE DWG. NO. SHEET
OF

TEMPORARY DIAPHRAGM NOTES

- 1. DESIGN TEMPORARY DIAPHRAGMS TO RESIST CONSTRUCTION LOADS. ASSUME THE DECK FINISHING MACHINE CARRIAGE IS AT THE MOST ADVERSE POSITION WHEN COMPUTING CONSTRUCTION LOADS.
- 2. SUBMIT DESIGN CALCULATIONS AND TEMPORARY DIAPHRAGM DETAILS SIGNED AND SEALED BY AN IDAHO LICENSED PROFESSIONAL ENGINEER. CLEARLY SPECIFY THE MATERIALS BEING USED.
- 3. PROVIDE AND INSTALL TEMPORARY DIAPHRAGMS BETWEEN THE EXTERIOR GIRDER AND FIRST INTERIOR GIRDER ON AASHTO, BULB TEE, AND WF GIRDERS ≥ 66" IN DEPTH AND AT END DIAPHRAGMS BEFORE POURING THE PERMANENT INTERMEDIATE DIAPHRAGMS AND END DIAPHRAGM.
- 4. LOCATE TEMPORARY DIAPHRAGMS MIDWAY BETWEEN PERMANENT INTERMEDIATE DIAPHRAGMS AS SHOWN.
- 5. REMOVE TEMPORARY DIAPHRAGMS AFTER REMOVING DECK OVERHANG BRACKETS.
- 6. TEMPORARY DIAPHRAGMS INCIDENTAL TO PRESTRESSED GIRDER PAY ITEM.
- 7. TEMPORARY DIAPHRAGM DETAILS SHOWN ON OREGON DOT STANDARD DRAWING BR350 ARE ACCEPTABLE.