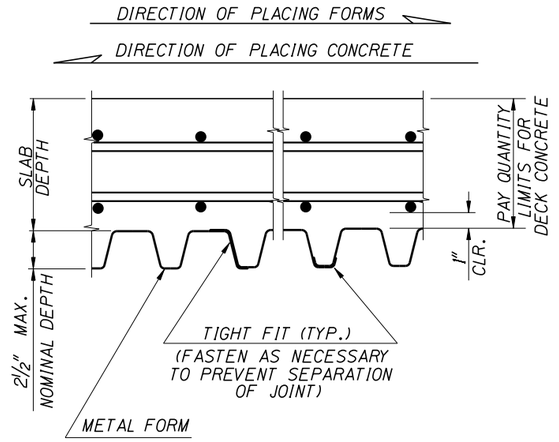
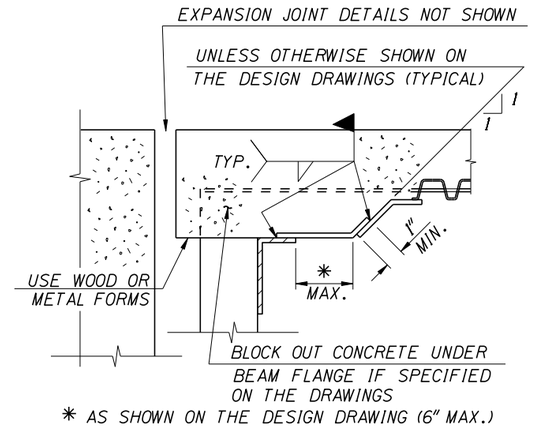
NOTES

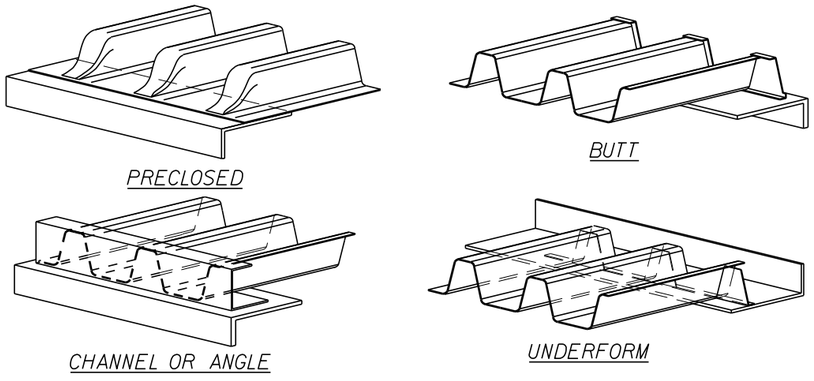
1. MATERIALS, CONSTRUCTION AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE IDAHO TRANSPORTATION DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SUBSECTION 502.03, PART E.
2. ALL MATERIAL SHALL CONFORM TO ASTM SPECIFICATION A-653 SS GRADE 40 OR 50 HAVING A COATING DESIGNATION OF G165.
3. THE SHOP DRAWINGS AND CALCULATIONS FOR METAL DECK FORMS MUST BE STAMPED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF IDAHO AND SHALL BE SUBMITTED PRIOR TO APPROVAL OF THE METAL DECK FORMS.
4. THE SHOP DRAWINGS AND CALCULATIONS FOR DECK OVERHANG BRACKETS SHALL BE SUBMITTED WITH THE S-I-P METAL DECK FORMS SHOP DRAWINGS.
5. BEFORE PROJECT COMPLETION, THE CONTRACTOR SHALL FURNISH THE ENGINEER A 22" X 34" REPRODUCIBLE MYLAR COPY OF THE APPROVED SHOP DRAWINGS.
6. THE WEIGHT OF THE STAY-IN-PLACE METAL DECK FORMS AND ADDITIONAL WEIGHT OF CONCRETE IN THE FLUTES SHALL NOT EXCEED 17 psf. STYROFOAM SHALL NOT BE PLACED IN THE FLUTES.
7. SHOW GAGE AND SIZE OF SUPPORTING ELEMENTS AND FORMS ON THE SHOP DRAWINGS ALONG WITH LENGTH, SIZE AND SPACING OF WELDS.
8. ATTACH FORM SHEETS IMMEDIATELY TO AVOID HAZARDS THAT CAN RESULT FROM LATERAL MOVEMENT OR SUDDEN UPLIFT.
9. NO WELDING IS PERMITTED IN THE TENSION OR STRESS REVERSAL ZONES OF THE GIRDER FLANGES.
10. PLACE THE FORMS OPPOSITE TO DIRECTION OF CONCRETE POUR, CONTRACTOR SHALL SPECIFY DIRECTION OF POUR TO ERECTOR BEFORE PLACEMENT OF DECK.
11. VERTICAL ADJUSTMENT OF SUPPORT ANGLES SHALL BE DETERMINED IN FIELD TO MAINTAIN CORRECT SLAB THICKNESS AND ROADWAY SLOPE.



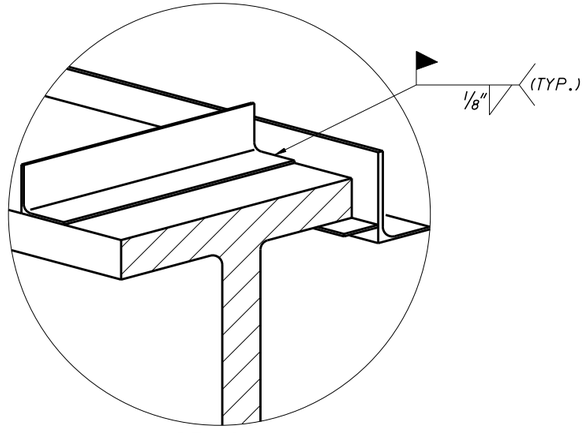
TYPICAL LONGITUDINAL SECTION
NTS



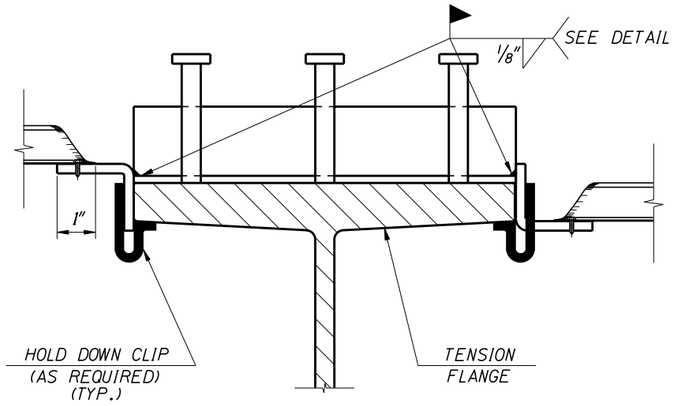
ABUTMENT EXPANSION JOINT
NTS



TYPES OF END CLOSURES
NTS



DETAIL A
NTS



COMPOSITE DESIGN
NTS

REVISIONS				DESIGNED	SCALES SHOWN ARE FOR 34" X 22" PRINTS ONLY	ORIGINAL SIGNED BY:	IDAHO TRANSPORTATION DEPARTMENT	English	PERMANENT METAL DECK FORMS	BRIDGE PLANS
NO.	DATE	BY	DESCRIPTION	DESIGN CHECKED	CADD FILE NO. \prj00000\bridge\ b09_1a.dgn			PROJECT NO.		BRIDGE LRFD MANUAL, PAGE B9.1A
				DETAILED					STEEL GIRDER BRIDGE	COUNTY / KEY NO.
				DWG. CHECKED	DRAWING DATE: APR 2007	DATE SIGNED: DATE				BRIDGE DRAWING NO. / SHEET OF
				CORRECTIONS		ORIGINAL STORED AT ITD BRIDGE SECTION				