TEMPORARY DIAPHRAGM DETAILS

1. INSTALL TEMPORARY DIAPHRAGMS BETWEEN END BEAMS AND INTERMEDIATE CONCRETE DIAPHRAGMS BEFORE POURING DIAPHRAGM AND END BEAMS.
2. REMOVE TEMPORARY DIAPHRAGMS AFTER REMOVING DECK OVERHANG BRACKETS.
3. PROVIDE STRUCTURAL TUBES THAT CONFORM TO ASTM A501 OR A500 GRADE B.
4. PROVIDE BOLTS, NUTS, AND WASHERS THAT CONFORM TO ASTM A325.
5. PROVIDE PLATES THAT CONFORM TO ASTM A36.
6. APPROVED ALTERNATE DESIGNS MAY BE USED FOR TEMPORARY DIAPHRAGMS.
7. CONSIDER TEMPORARY DIAPHRAGMS INCIDENTAL TO PRESTRESSED GIRDER PAY ITEM.

GIRDER SPACING

UPPER BRACE
SIMILAR TO LOWER BRACE

LOWER BRACE
SIMILAR TO LOWER BRACE

SLIDE UNIT DETAIL
STAY UNIT SIMILAR
3'-4"-0"

UPPER INTERIOR CONNECTION PLATE DETAIL
3'-4"-0"

UPPER EXTERIOR CONNECTION PLATE DETAIL
3'-4"-0"

CONCRETE DIAPHRAGMS BEFORE POURING DIAPHRAGM AND END BEAMS.
INSTALL TEMPORARY DIAPHRAGMS BETWEEN END BEAMS AND INTERMEDIATE CONCRETE DIAPHRAGMS BEFORE POURING DIAPHRAGM AND END BEAMS.
REMOVE TEMPORARY DIAPHRAGMS AFTER REMOVING DECK OVERHANG BRACKETS.
PROVIDE STRUCTURAL TUBES THAT CONFORM TO ASTM A501 OR A500 GRADE B.
PROVIDE BOLTS, NUTS, AND WASHERS THAT CONFORM TO ASTM A325.
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