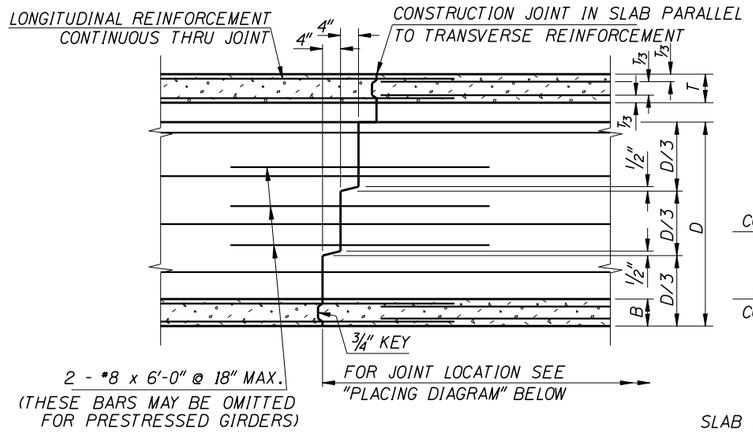
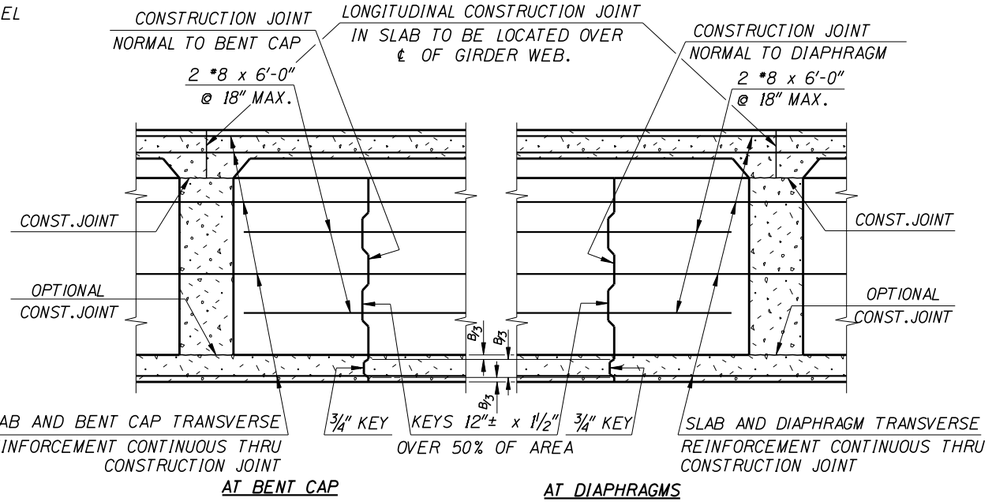
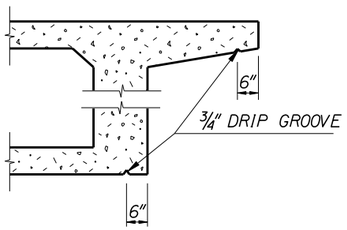


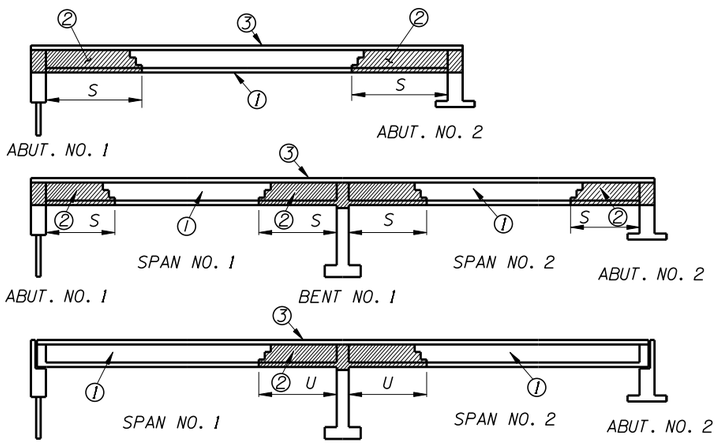
TRANSVERSE GIRDER CONSTRUCTION JOINT DETAIL



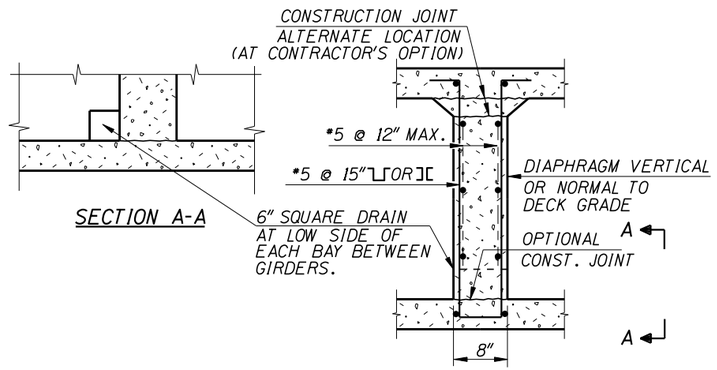
LONGITUDINAL CONSTRUCTION JOINTS



DRIP GROOVE DETAIL

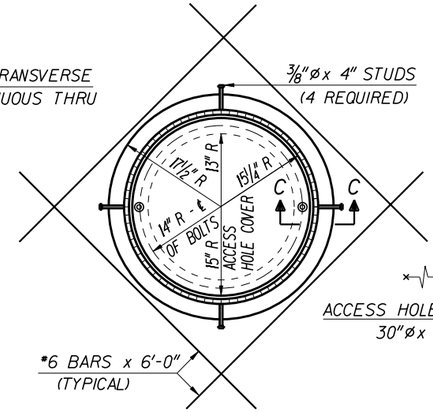


BOX GIRDER SUPERSTRUCTURE PLACING DIAGRAM

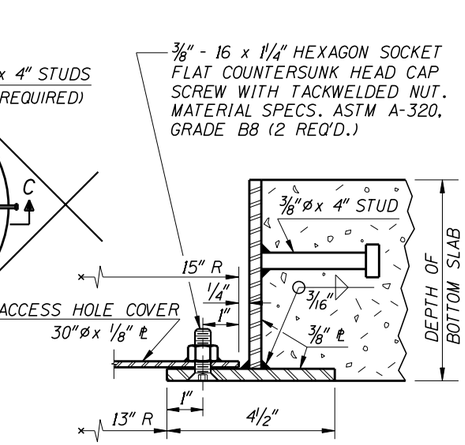


SECTION A-A

INTERMEDIATE DIAPHRAGM SECTION

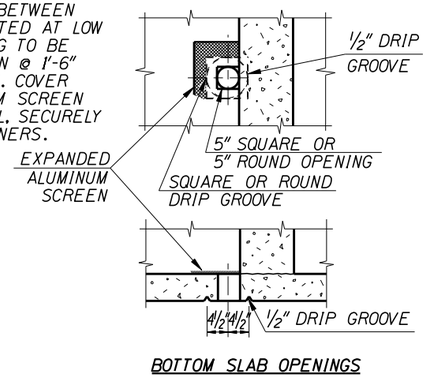


PLAN



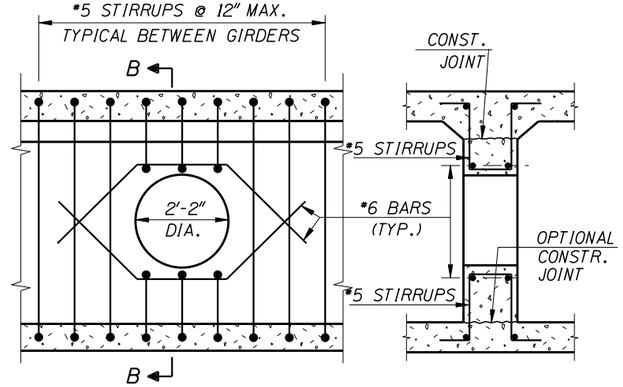
SECTION C-C

ACCESS HOLE COVER



BOTTOM SLAB OPENINGS

DRAIN AND VENT DETAILS



ELEVATION

SECTION B-B

ACCESS HOLE THRU DIAPHRAGM

INSPECTION ACCESS HOLE DETAILS

NOTES

1. NUMBERS ① AND ② INDICATE THE SEQUENCE OF PLACING BOTTOM FLANGE AND GIRDER STEM CONCRETE WHEN EACH SECTION CONSTITUTES A SEPERATE POUR. ① AND ② SECTIONS MAY BE PLACED IN ONE CONTINUOUS POUR, PROGRESSING FROM ONE END PROVIDING ① SECTIONS ARE PLACED ON BOTH SIDES OF THE ② SECTIONS WHICH ARE PLACEDDURING THIS POUR.
2. TOP SLAB CONCRETE ③ SHALL BE PLACED SEPERATELY FROM ① AND ②. ③ MAY BE CONTINOUSLY OR IN PARTS AS APPROVED BY THE ENGINEER, PROVIDING NO TRANSVERSE CONSTRUCTION JOINTS FALL WITHIN THE ② AREAS.
3. WHEN CONCRETE IS PLACED IN SECTIONS, THE PLACEMENT OF THE NEXT SECTION SHALL NOT COMMENCE UNTIL AT LEAST 48 HOURS HAVE ELAPSED AFTER THE PLACEMENT OF ADJACENT SECTIONS.
4. S = 1/5 SPAN LENGTH; U = 1/4 SPAN LENGTH.
5. NO DEVIATIONS FROM THE ABOVE NOTES MAY BE MADE UNLESS APPROVED BY THE ENGINEER.

NOTE:
5" OPENING IN LOWER SLAB. MINIMUM OF TWO OPENINGS PER SPAN IN EACH BAY BETWEEN GIRDERS. ONE OPENING TO BE LOCATED AT LOW POINT OF SPAN AND OTHER OPENING TO BE LOCATED AT OPPOSITE END OF SPAN @ 1'-6" FROM FACE OF ABUTMENT OR BENT. COVER OPENINGS WITH EXPANDED ALUMINUM SCREEN 1/2" - .051 AMICO OR APPROVED EQUAL, SECURELY ATTACHED WITH GALVANIZED FASTENERS.

REVISIONS			
NO.	DATE	BY	DESCRIPTION
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△			
△			
△			

DESIGNED
DESIGN CHECKED
DETAILED
DWG. CHECKED
CORRECTIONS

SCALES SHOWN ARE FOR 34" X 22" PRINTS ONLY

CADD FILE NO. \prj00000\bridge\ b05_7a.dgn

DRAWING DATE: JUNE 2006

ORIGINAL SIGNED BY:

DATE SIGNED: DATE

ORIGINAL STORED AT ITD BRIDGE SECTION

IDAHO TRANSPORTATION DEPARTMENT

English

PROJECT NO.

BOX GIRDER DETAILS

BRIDGE PLANS

BRIDGE LRFD MANUAL, PAGE B5.7A

COUNTY | KEY NO.

BRIDGE DRAWING NO. | SHEET OF