DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER

July 1, 2002
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
Modhwesh Raghavendrachar
No. C51119
EXP. 9-30-05
CIVIL
STATE OF CALIFORNIA

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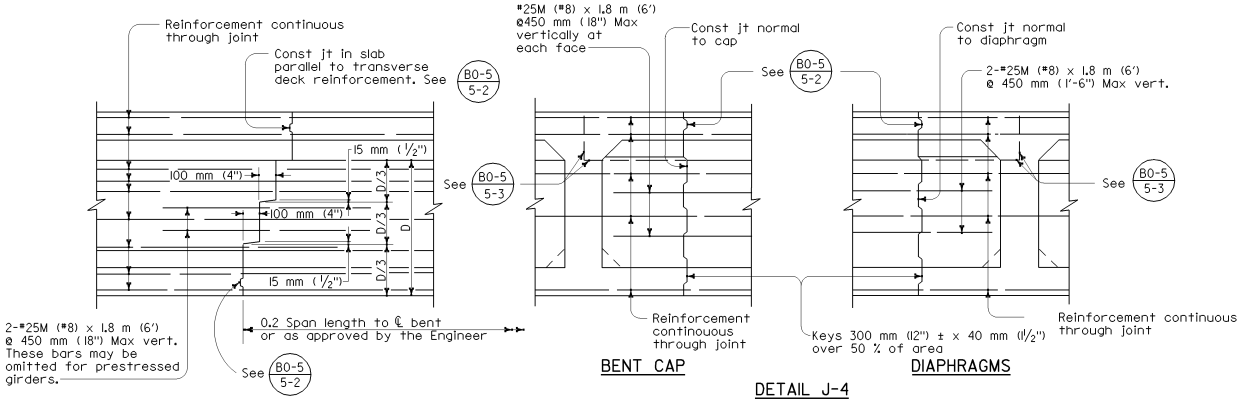
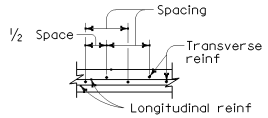


DETAIL J-3
TRANSVERSE GIRDER CONSTRUCTION JOINTS

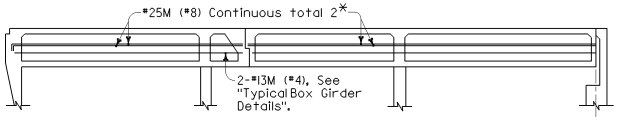
BENT CAP

DIAPHRAGMS

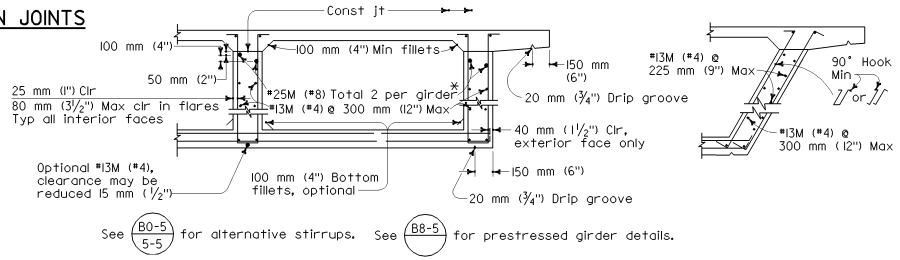
DETAIL J-4
LONGITUDINAL CONSTRUCTION JOINTS



DETAIL S-2
BOTTOM SLAB TRANSVERSE REINFORCEMENT SPACING DIAGRAMS

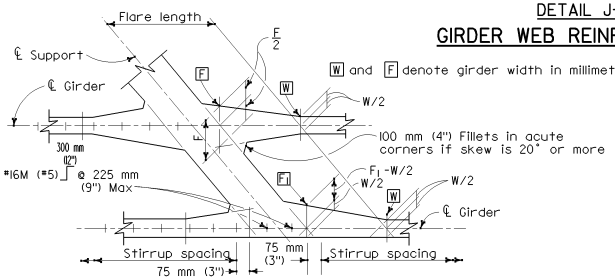


DETAIL J-1
GIRDER WEB REINFORCEMENT

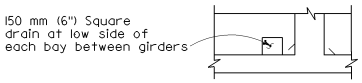


See B0-5 5-5 for alternative stirrups. See B8-5 for prestressed girder details.

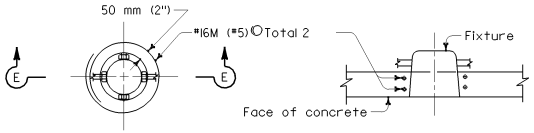
DETAIL B-1
TYPICAL BOX GIRDER DETAILS
*At all web constuction joints



DETAIL S-3
TYPICAL GIRDER FLARE AND STIRRUP SPACING DIAGRAM



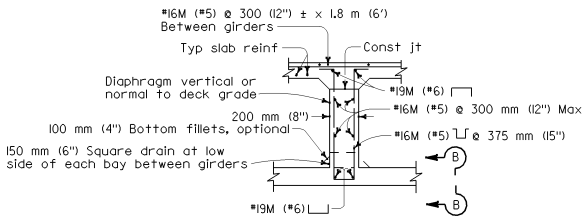
VIEW B-B



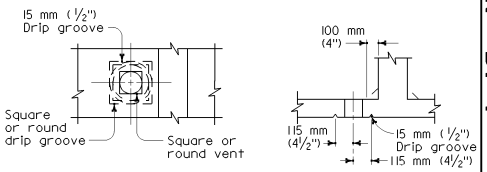
ADDED REINFORCEMENT

SECTION E-E

DETAIL F-1
RECESSED SOFFIT LIGHT



DETAIL D-1
INTERMEDIATE DIAPHRAGM SECTION



DETAIL V-1
VENT

NOTE:
125 mm (5") ø or ϕ vent in lower slab. Minimum of two vents per span in each bay between girders. One vent to be located at low point of span and the other vent to be located at opposite end of span ø 450 mm (1'-6") from face of abutment or bent.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

BOX GIRDER DETAILS

These "Standard Plans for Construction of Local Streets and Roads" contain units in two systems of measurement: International System of Units (SI or "metric") and United States Standard Measures shown in the parentheses ( ). The measurements expressed in the two systems are not necessarily equal or interchangeable. See the "Foreword" at the beginning of this publication.

NO SCALE

B7-1

2002 DUAL UNITS STD PLAN B7-1