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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

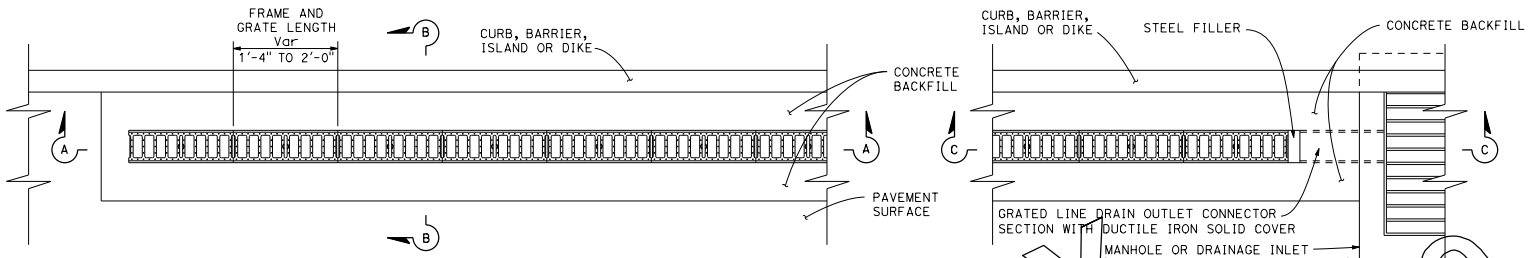
Paul R Davies
REGISTERED CIVIL ENGINEER

May 20, 2011
PLANS APPROVAL DATE

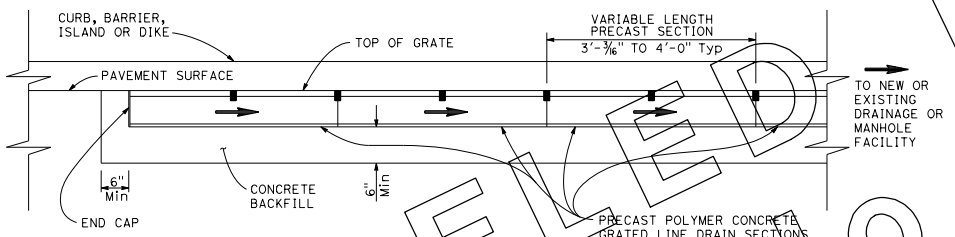
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

REGISTERED PROFESSIONAL ENGINEER
Paul R. Davies
No. C52193
Exp. 12-31-12
CIVIL
STATE OF CALIFORNIA

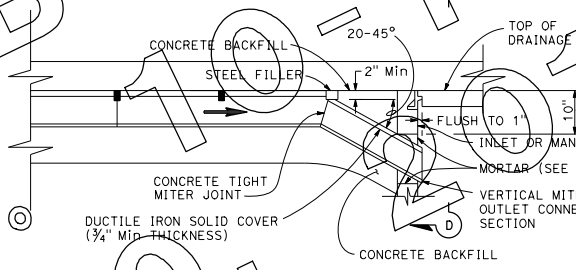
CANCELED BY 10-19 ON ERRATA NO 2017 JANUARY



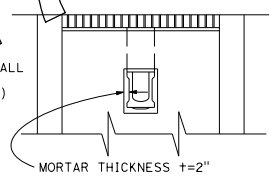
GRATED LINE DRAIN PLAN



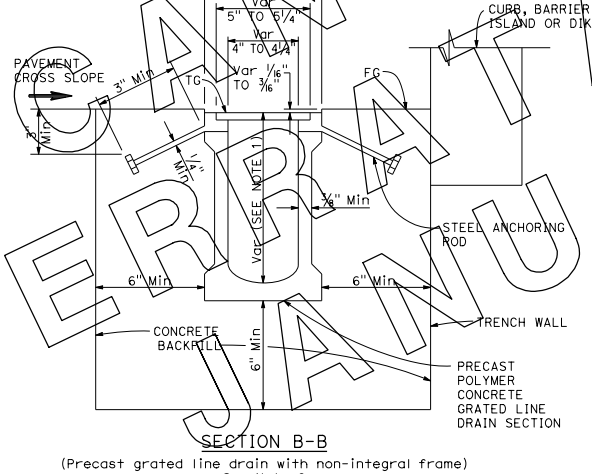
SECTION A-A
(See Note 1)



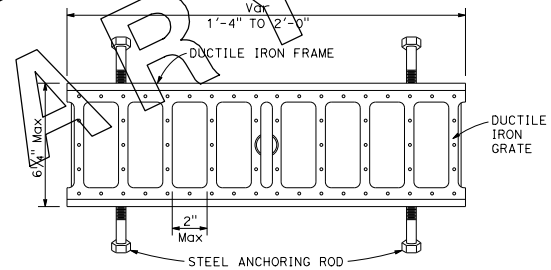
SECTION C-C



SECTION D-D



SECTION B-B
(Precast grated line drain with non-integral frame)
See Note 6



GRATED LINE DRAIN FRAME AND GRATE DETAIL

See Notes 4, 5, 6 and 7

NOTES:

1. Precast polymer concrete drain sections are available in non-sloped uniform depth sections 4 7/16" to 12" or in 0.6 percent pre-sloped sections with graduated depths from 4 7/16" to 12". See Project Plans for trench sections to be installed.
2. Nominal dimensions shown. Allowable tolerance ± 2% .
3. For GMP inlet connection, field joint sealed with a pliable mixture of sand, portland cement and emulsified asphalt (mixture of 1 part portland cement, 3-5 parts sand and 1½ part SSI emulsified asphalt).
4. Within designated pedestrian paths of travel, the maximum grate opening in the direction of pedestrian traffic shall be ½".
5. Grate patterns may vary from detail shown. See Special Provisions for requirements.
6. Steel anchoring rods not used when frame is integral with polymer concrete grated line drain section.
7. 3/16" maximum gap between adjacent gratings.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

GRATED LINE DRAIN DETAILS

NO SCALE

D98C

8-10-09