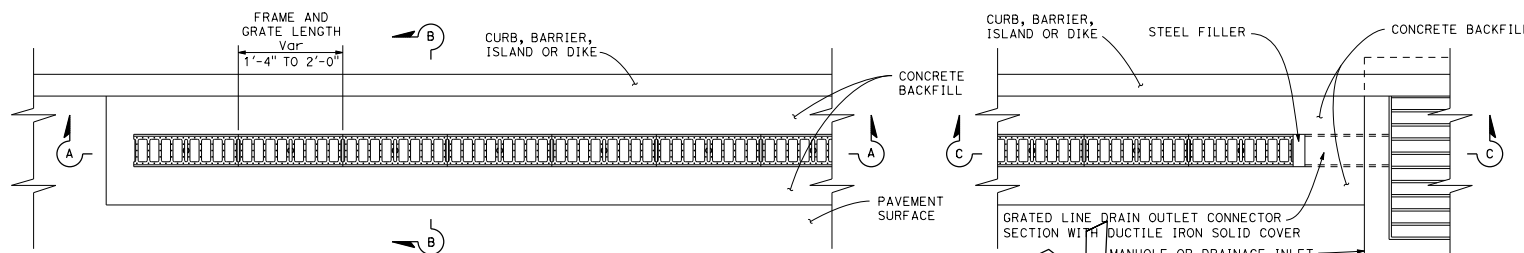


DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

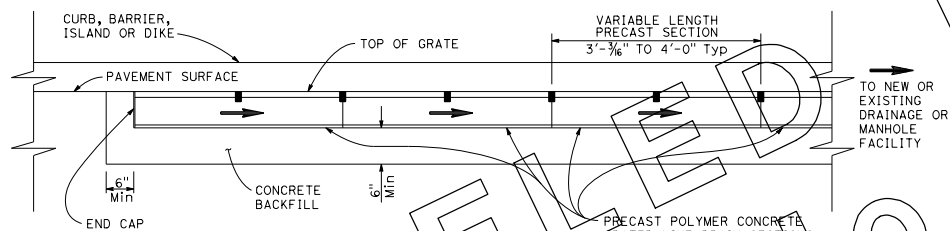
Paul R. Davies
 REGISTERED CIVIL ENGINEER
 No. C52193
 Exp. 12-31-16
 CIVIL
 STATE OF CALIFORNIA

October 30, 2015
 PLANS APPROVAL DATE

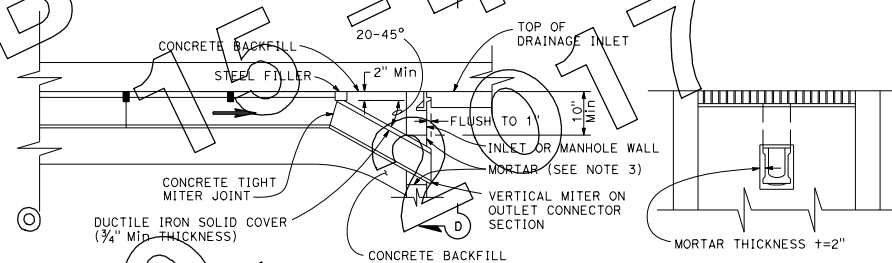
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



GRADED LINE DRAIN PLAN

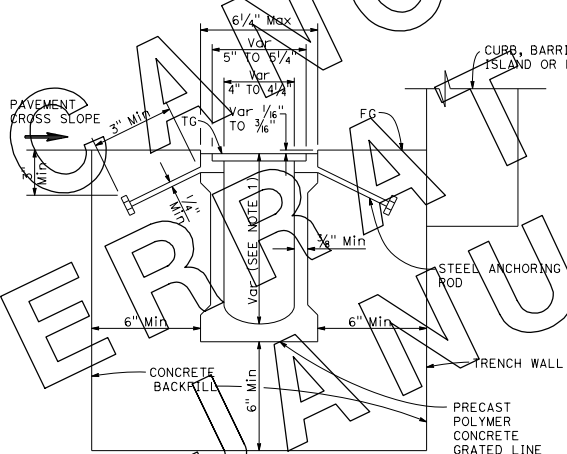


SECTION A-A
See Note 1



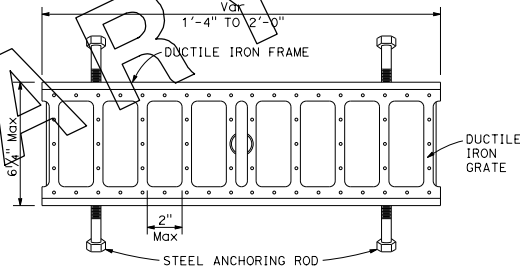
SECTION C-C

SECTION D-D



SECTION B-B

(Precast graded line drain with non-integral frame)
See Note 6



GRADED LINE DRAIN FRAME AND GRATE DETAIL

See Notes 4, 5, 6 and 7

NOTES:

1. See Project Plans for trench sections to be installed.
2. Nominal dimensions shown. Allowable tolerance $\pm 2\%$.
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 1/2 part SSI emulsified asphalt).
4. Within designated pedestrian paths of travel, the maximum grate opening in the direction of pedestrian traffic shall be 1/2".
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 graded line drain section.
7. 3/8" maximum gap between adjacent gratings.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**GRADED LINE DRAIN
DETAILS**

NO SCALE

D98C