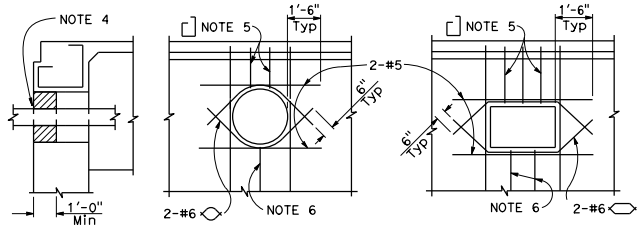
| Dist | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
|---|---|---|---|---|---|
| | | | | | |

Peter W. Norboe
REGISTERED CIVIL ENGINEER

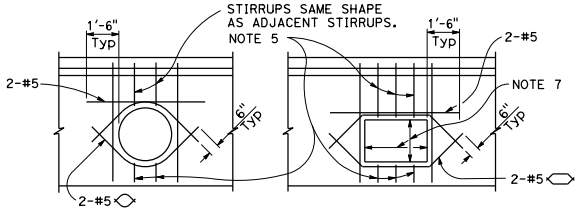
October 30, 2015
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
Peter W. Norboe
No. C57519
Exp. 12-31-15
CIVIL
STATE OF CALIFORNIA

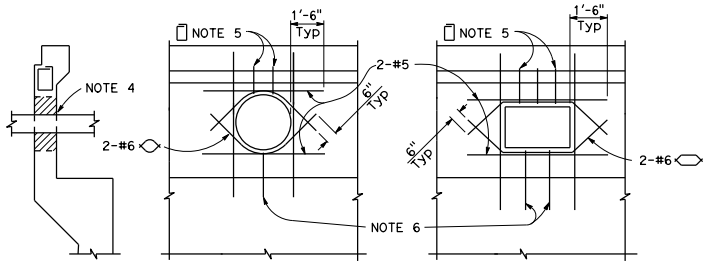
*THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.*



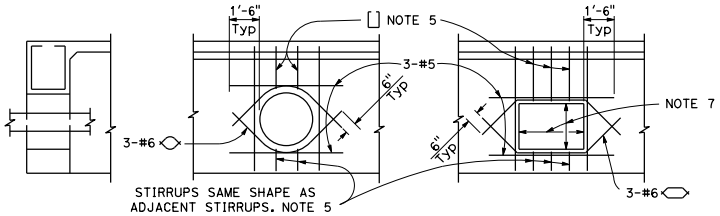

DETAIL U-11



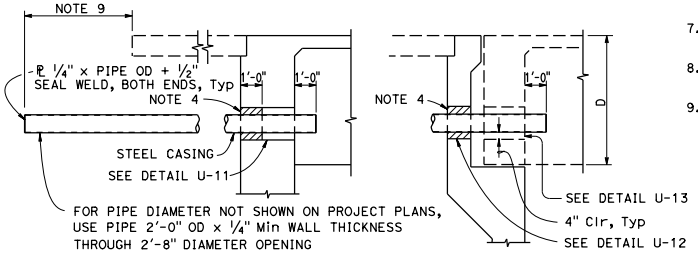

DETAIL U-15
INTERMEDIATE DIAPHRAGMS



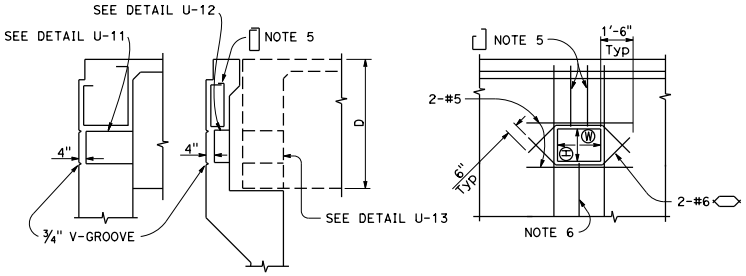

DETAIL U-12




DETAIL U-13

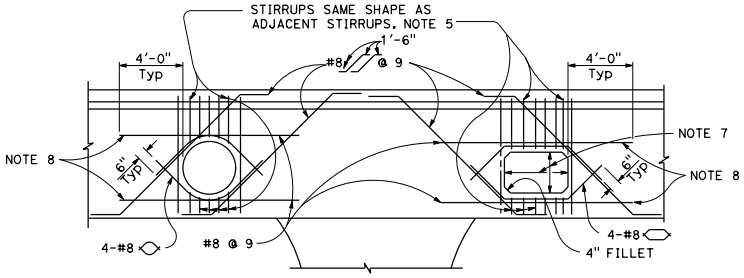



DETAIL U-16
(For future utility provisions under approach slab)
ABUTMENT DIAPHRAGMS




DETAIL U-14
(For future utility opening)
ABUTMENT DIAPHRAGMS

For future utility opening dimensions not shown on Project Plans use:
Ⓗ = 1/3 D or 1'-3" Min, whichever is greater.
Ⓦ = 1/3 D or 1'-3" Min, whichever is greater.




DETAIL U-17
BENT CAPS
Near or between columns

**NOTES:**

1. The exact location, elevation, size and direction of openings shall be in accordance with the Project Plans and as directed by the Engineer.
2. Girders not shown. See Project Plans.
3. All reinforcement detailed to be placed in addition to reinforcement shown on Project Plans.
4. Seal utilities at abutments with concrete or mortar, after tightly wrapping utility with 2 layers of 15 LBS building paper.
5. Reinforcement to be same bar size, and 2/3 the spacing of adjacent reinforcement shown on Project Plans.
6. Reinforcement to be same bar size and shape as adjacent reinforcement shown on Project Plans.
7. For future utility opening dimensions, see Project Plans and Detail U-14.
8. When there is insufficient space to place reinforcement as shown, hook reinforcement into exterior girder.
9. Unless otherwise shown on Project Plans, casing shall extend to the greater of 5'-0" beyond the end of the approach slab, 5'-0" beyond the end of the adjacent wingwall, or 20'-0" beyond the back of the abutment.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

# UTILITY OPENINGS T-BEAM

NO SCALE

B6-10

2015 STANDARD PLAN B6-10



9-22-15