

D16+	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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**CRIB WALL, ON SLOPE**

**RETAINING WALL IN FILL, ON SLOPE**

**REINFORCED CONCRETE OR TIMBER CRIB WALL**

**METAL CRIB WALL**

**RETAINING WALL IN FILL**

**RETAINING WALL IN FILL AND CUT**

**RETAINING WALL IN CUT**

**SECTION F-F**

**EXCAVATION**

**ELEVATION**

**BACKFILL**

**PLAN**

**ABBREVIATIONS**

OG - Original Ground  
 FS - Planned Finished Surface  
 GP - Planned Grading Plane

**LEGEND**

- STRUCTURE EXCAVATION
- STRUCTURE BACKFILL
- ROADWAY EXCAVATION
- ROADWAY EMBANKMENT
- BRIDGE EMBANKMENT SURCHARGE

**NOTES:**

1. Roadway embankment is not delineated on excavation drawings for clarity.
2. Embankment, if any, must be in place before structure excavation is made.
3. If no roadway or ditch excavation or embankment is involved at the wall, structure excavation will be measured from the original ground.
4. No deduction for crib wall member volumes is made from structure backfill quantities.
5. When an embankment settlement period is required, the upper limits of structure excavation are raised to conform to the elevation of the embankment after the settlement period or, when an embankment surcharge is used to the finished surface and grading plane elevations.
6. Embankment slopes to be as steep as material permits. Slope assumed to be 1:1 for purposes of quantity calculations.

**SURCHARGE NOTES:**

- A. Bridge embankment surcharges to be placed at locations and to the heights listed in the special provisions.
- B. Surcharge slopes to be as steep as stability of material permits.

**PLANS APPROVAL DATE**  
 May 20, 2011

**REGISTERED CIVIL ENGINEER**  
 Gary Wong  
 No. C88238  
 Exp. 6-30-12  
 CIVIL  
 STATE OF CALIFORNIA

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