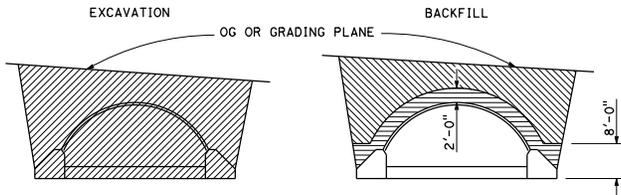
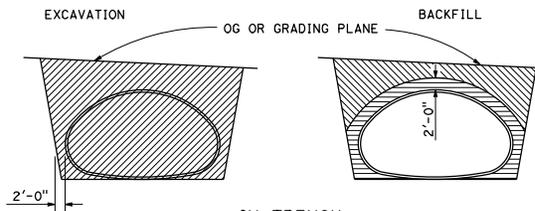


DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

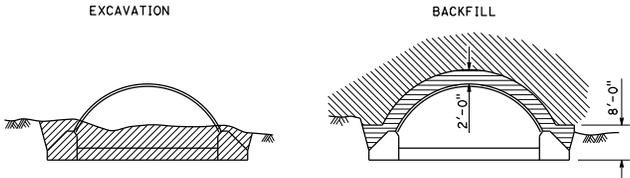
*C. M. Dunn*  
 REGISTERED CIVIL ENGINEER  
 No. C59976  
 October 30, 2015  
 PLANS APPROVAL DATE  
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



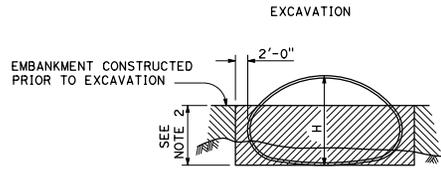
IN TRENCH



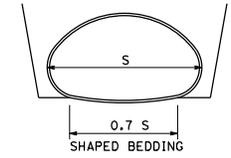
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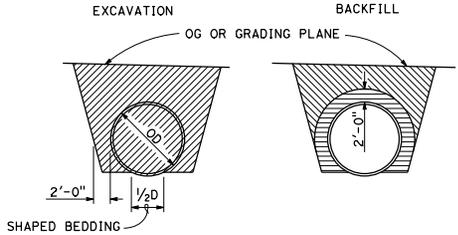
IN EMBANKMENT  
STRUCTURAL STEEL PLATE ARCHES



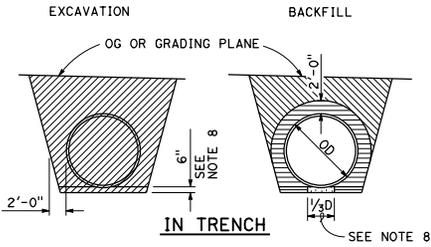
IN EMBANKMENT  
STRUCTURAL STEEL PLATE PIPE ARCHES  
AND VEHICULAR UNDERCROSSING



SHAPED BEDDING  
S = Larger than 84"



IN TRENCH



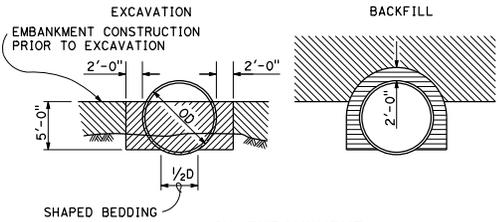
IN TRENCH

NOTES:

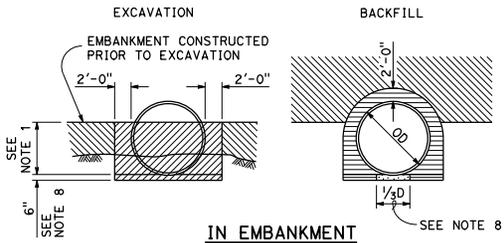
1. PIPES: 30" minimum for diameters up to and including 42" then 2/3 diameter but no more than 60" required. CORRUGATED METAL PIPE ARCHES: 30" maximum.
2. 2/3 H up to 60" maximum.
3. Slope or shore excavation sides as necessary.
4. Backfill shall be placed full width of excavation except as noted.
5. Diagrams do not apply to overside drains.
6. Dimensions shown are minimum.
7. Construction strutting of structural steel plate pipe, arches and vehicular undercrossing to be used when shown on the project plans. When shown, see Standard Plan D88A for strutting requirements.
8. Excavation below pipe and 80% relative compaction requirements for plastic pipes only.
9. D is the inside diameter (ID) of the pipe.

LEGEND

	STRUCTURE EXCAVATION (CULVERT)		ROADWAY EMBANKMENT
	STRUCTURE BACKFILL (CULVERT) 95% RELATIVE COMPACTION		STRUCTURE BACKFILL (CULVERT) 80% RELATIVE COMPACTION



IN EMBANKMENT  
PIPES  
Larger than 84"



IN EMBANKMENT  
METAL AND PLASTIC PIPES AND  
CORRUGATED METAL PIPE ARCHES  
84" or Smaller

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

**EXCAVATION AND BACKFILL  
METAL AND PLASTIC CULVERTS**

NO SCALE

**A62F**

2015 STANDARD PLAN A62F