NOTES:
1. PIPES: 30” minimum for diameters up to and including 42” then 5% diameter but no more than 60” required. Corrugated metal pipe arches 30” maximum.
2. D = 6” 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
- 80% RELATIVE COMPACTION

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
EXCAVATION AND BACKFILL
METAL AND PLASTIC CULVERTS
NO SCALE

A62F