NOTES:
1. PIPES: 30" minimum for diameters up to and including 42" then 5/8" diameter but no more than 60" required.
   CORRUGATED METAL PIPE ARCHES: 30" maximum.
   5. h up to 60" maximum.
   6. Slope or shore excavation sides as necessary.
   7. Backfill shall be placed full width of excavation except as noted.
   8. Dimensions shown are minimum.
   9. Shaped bedding - 5' = Larger than 84".
   10. Slope or shore excavation sides as necessary.
   11. Backfill shall be placed full width of excavation except as noted.
   12. Dimensions shown are minimum.
   13. Shaped bedding - 5' = Larger than 84".

LEGEND
- STRUCTURAL EXCAVATION (CULVERT) 95% RELATIVE COMPATABILITY
- STRUCTURE BACKFILL (CULVERT) 80% RELATIVE COMPATIBILITY
- STRUCTURE BACKFILL (CULVERT) 95% RELATIVE COMPATIBILITY
- ROADWAY EMBANKMENT
- STRUCTURE EXCAVATION (CULVERT) 95% RELATIVE COMPATIBILITY
- STRUCTURE BACKFILL (CULVERT) 80% RELATIVE COMPATIBILITY
- STRUCTURE BACKFILL (CULVERT) 95% RELATIVE COMPATIBILITY
- SHAPED BEDDING
- METAL AND PLASTIC PIPES
- METAL AND PLASTIC PIPES AND CORRUGATED METAL PIPE ARCHES
- STRUCTURAL STEEL PLATE PIPE ARCHES
- STRUCTURAL STEEL PLATE ARCHES AND VEHICULAR UNDERCROSSING
- IN TRENCH
- IN EMBANKMENT
- PRIOR TO EXCAVATION
- EMBANKMENT CONSTRUCTED PRIOR TO EXCAVATION
- 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.

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