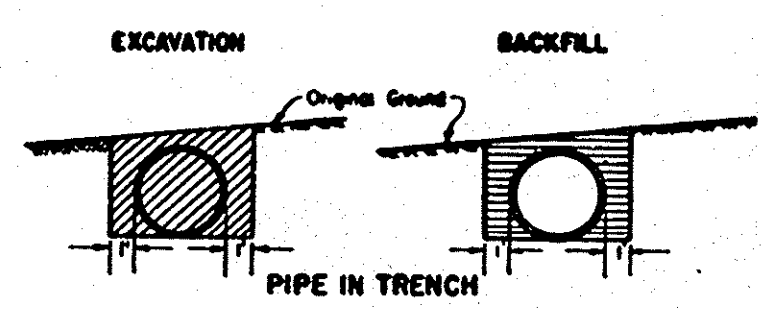
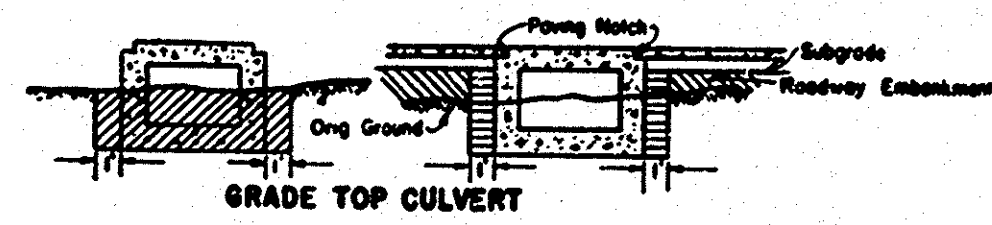
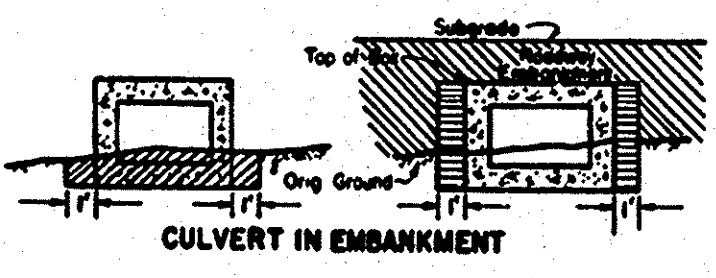
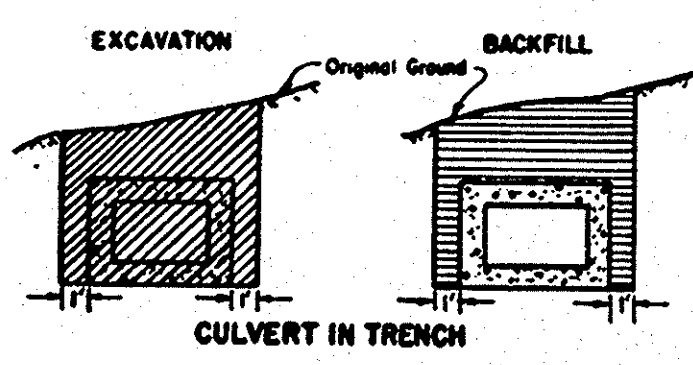
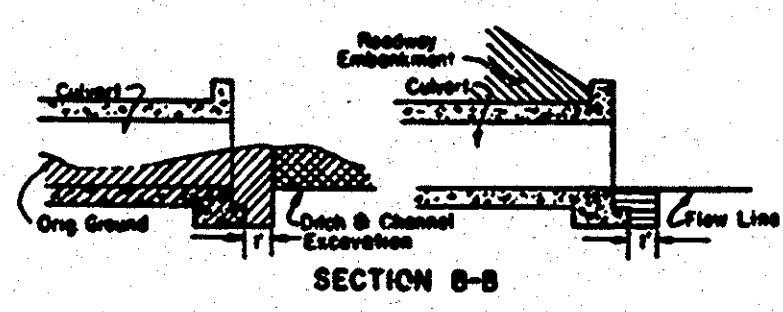
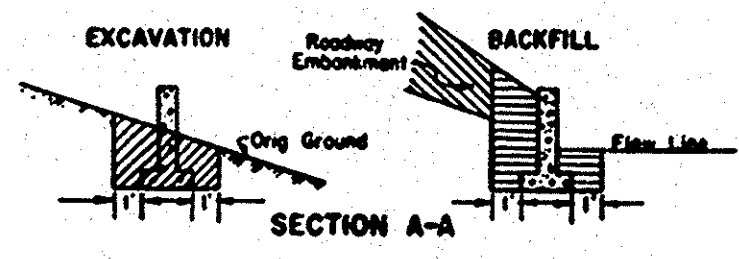
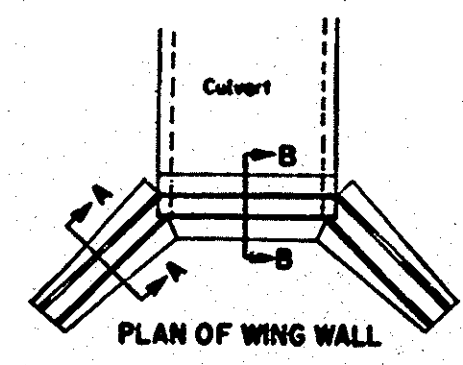
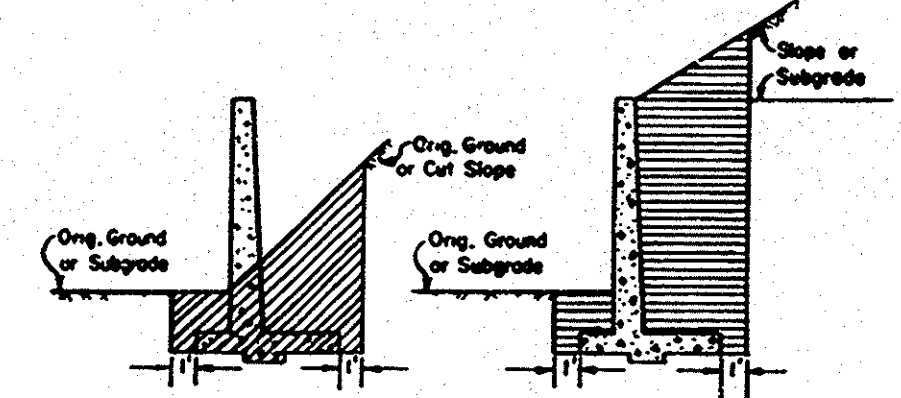
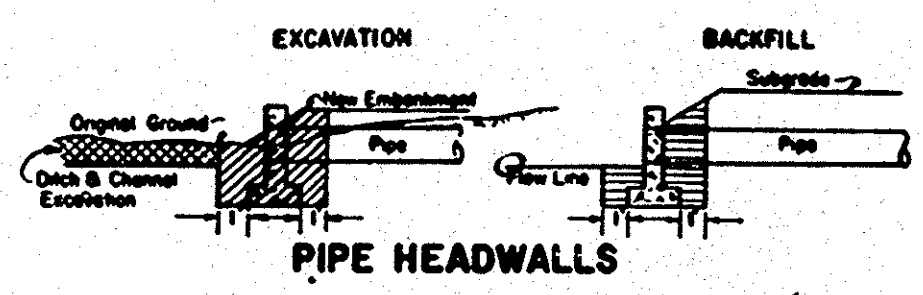


Height of Top of Embankment Before Excavating For Pipe
Shall Be As Follows:-
For pipe 24" or less dia: 6" above top of pipe
For C.S.P. over 24" to 30" dia: 30" above bottom of pipe
For C.S.P. over 30" dia: 1/3 point of dia. above bottom of pipe
For R.C.P. over 24" dia: 30" above bottom of pipe
For field assembled plate culvert: 1/3 point of dia. above bottom of pipe
Structure Backfill 6" Above Top of Pipe

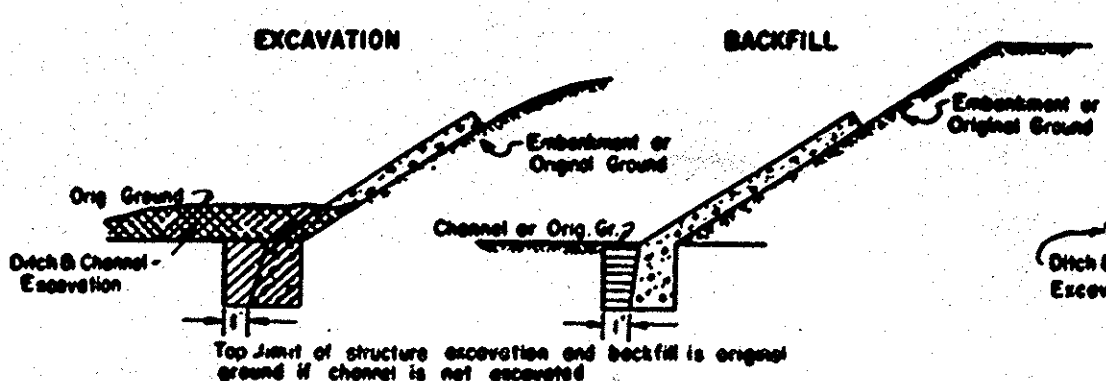
PIPES, RODS & DEADMEN
Except Underdrains & Downdrains



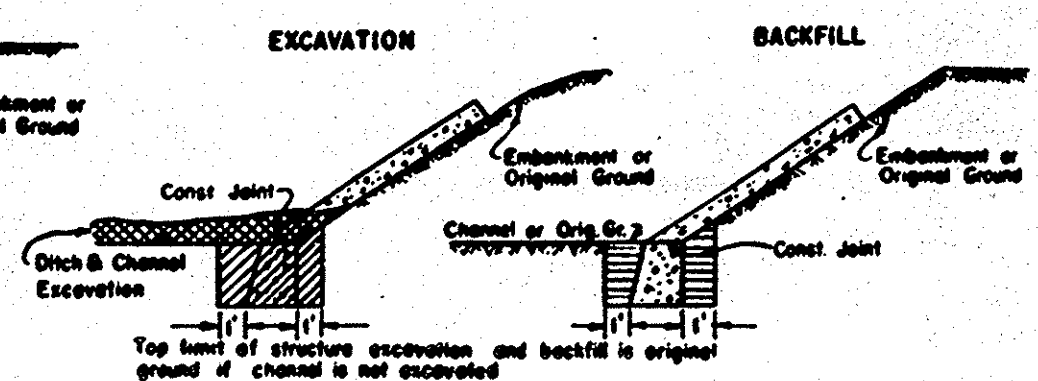
BOX CULVERTS



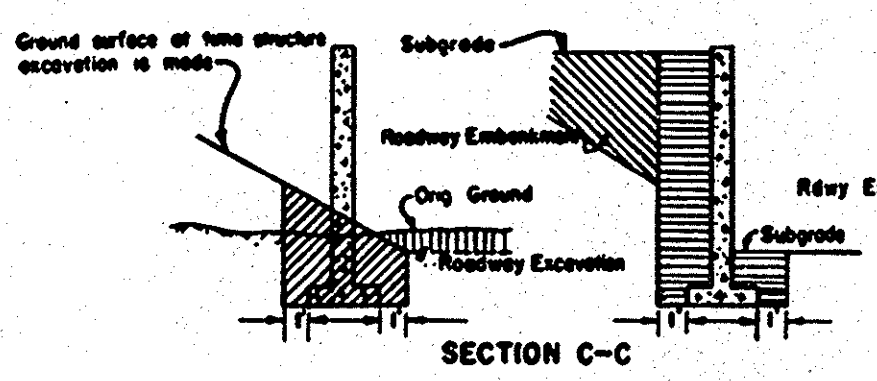
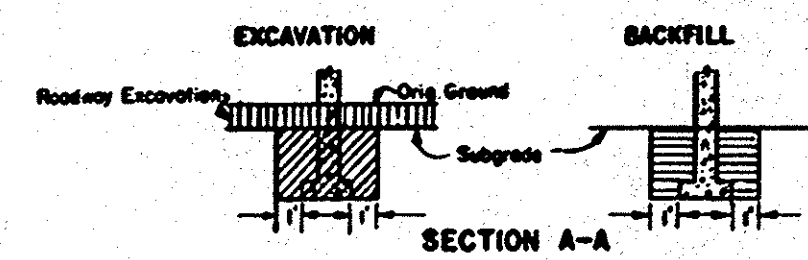
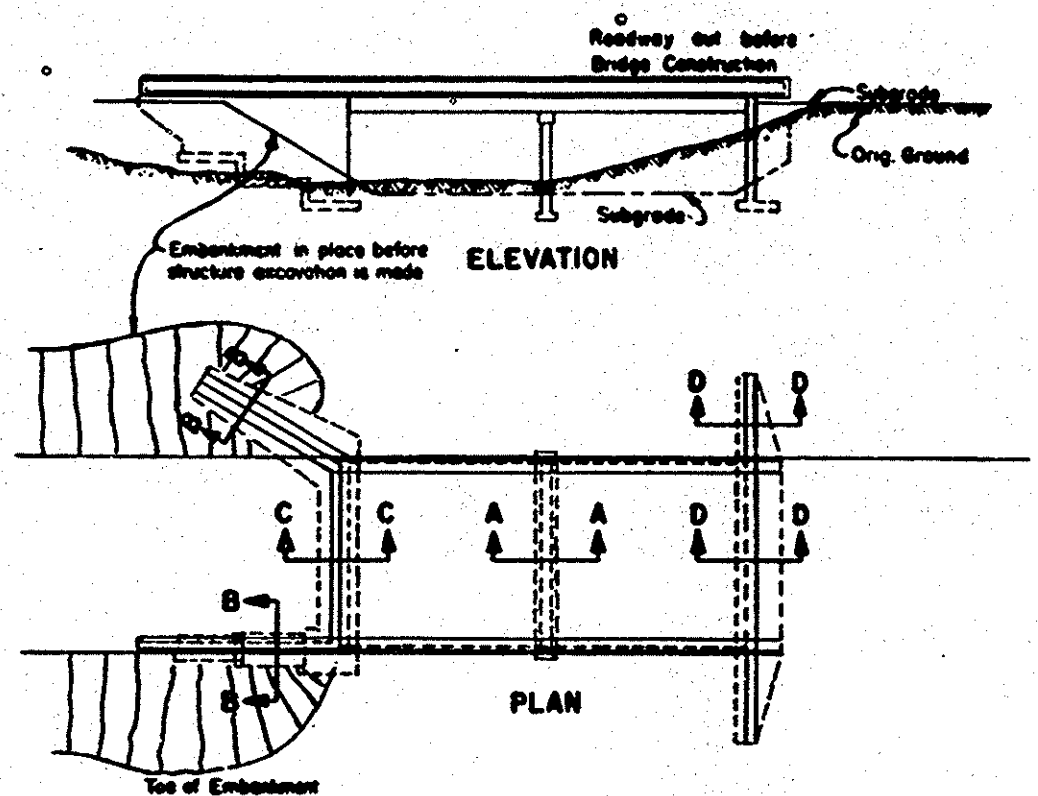
WING WALLS



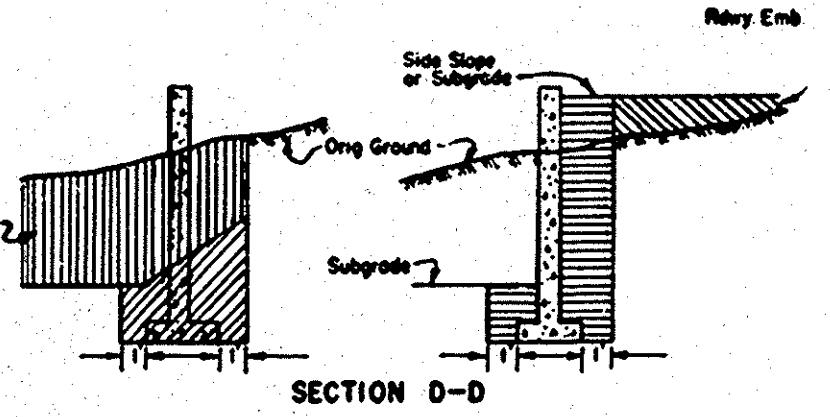
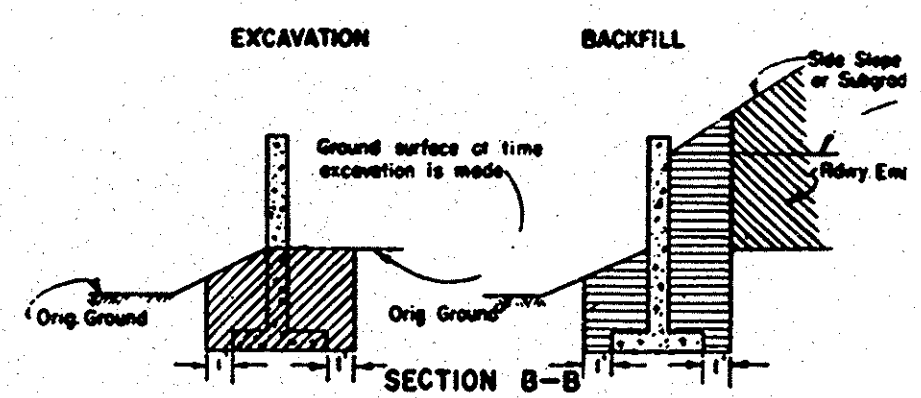
Top Joint of structure excavation and backfill is original ground if channel is not excavated



Top Joint of structure excavation and backfill is original ground if channel is not excavated



BRIDGE ABUTMENTS & ADJOINING WING WALLS



LEGEND

- Structure Excavation
- Structure Backfill
- Ditch & Channel Excavation
- Roadway Embankment
- Roadway Excavation

Note: Subgrade shall be lowest subgrade as defined in the Standard Specifications

NOTE: THESE PLANS ADOPTED FROM THE
STANDARD PLANS, STATE OF CALIFORNIA,
DEPARTMENT OF PUBLIC WORKS,
DIVISION OF HIGHWAYS

Bridge #SA-26
Bolsa Ave. Bridge
Across Santa Ana River
Sheet 10 of 22
RED LINES / No Scale
Blackline Print

COUNTY OF ORANGE HIGHWAY DEPT.			
STRUCTURE EXCAV & BACKFILL			
BOLSA AVE. BRIDGE ACROSS SANTA ANA RIVER			
BRIDGE NO. S.A. 26			
APPROVED <i>[Signature]</i> ROAD COMMISSIONER			
NO SCALE	STANDARD PLAN NO. 31-101	DATE	SHEET 10 OF 22
SA-26			

MICROFILMED
JUN 30 1960