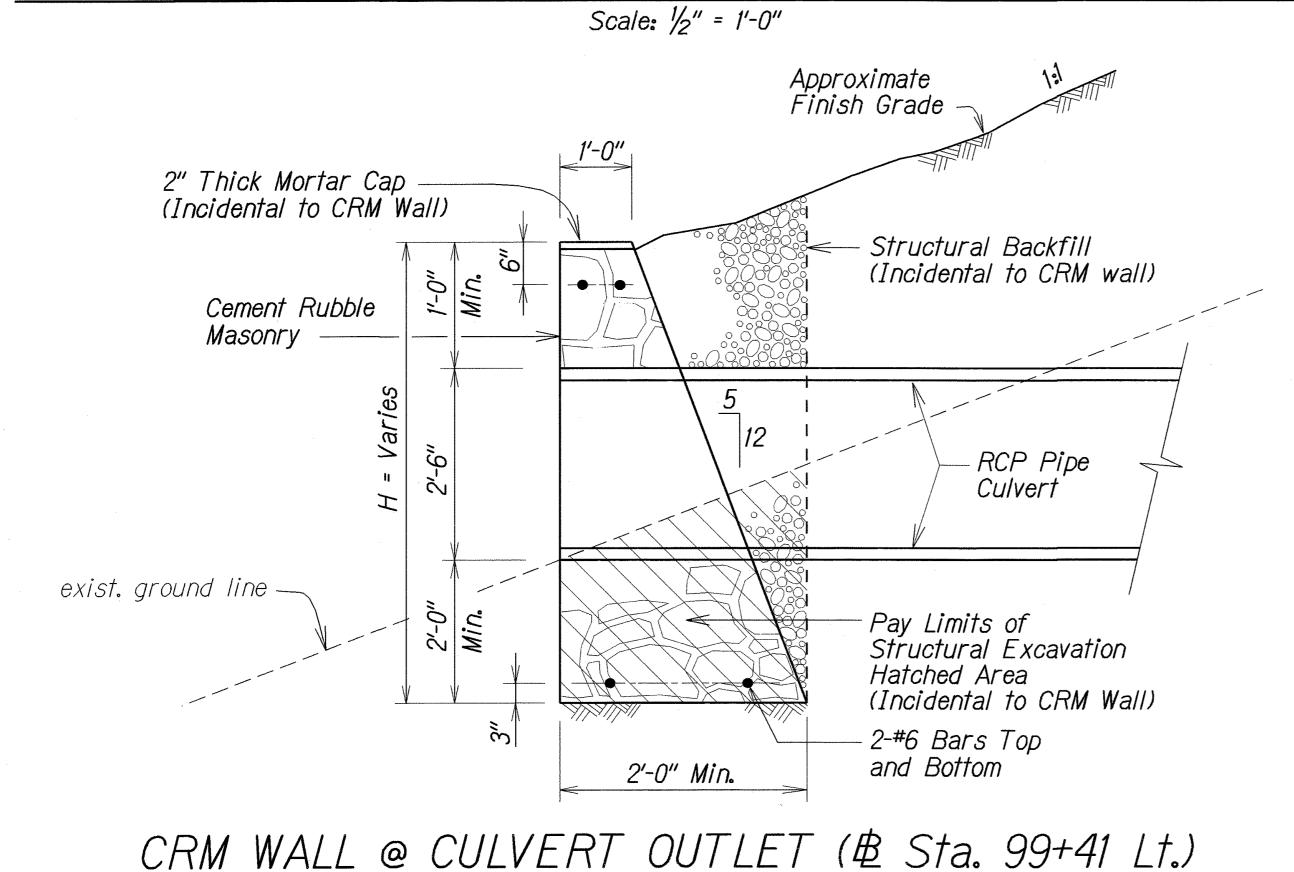


TYPICAL SECTION OF CRM WALL (# Sta. 84+20 Lt. to # Sta. 86+55 Lt.)

then varies uniformly from 8'-6" at Sta. 86+35 to 4'-6" at Sta. 86+55.

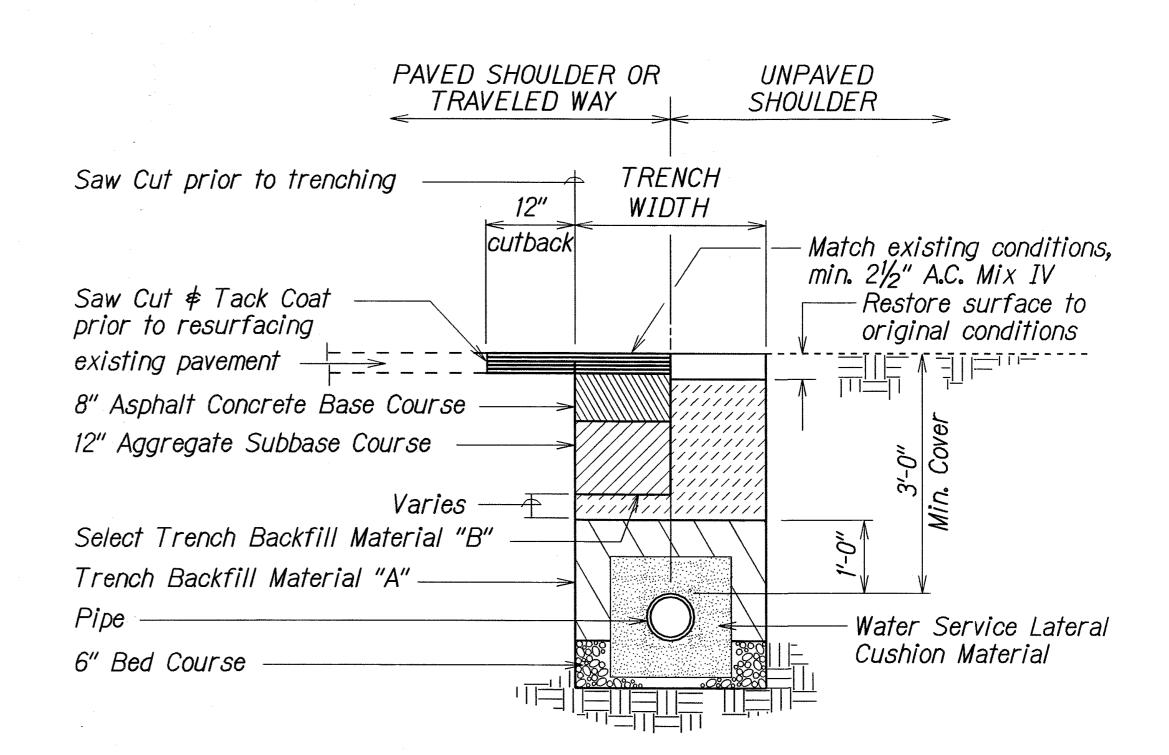
4. Height, H, varies uniformly from 10'-1" at Sta. 84+20 to 8'-6" at Sta. 86+55.



Not To Scale

## NOTES:

- FED. ROAD FISCAL SHEET TOTAL PROJ. NO. DIST. NO. YEAR NO. SHEETS 19J-01-97M 1997 HAW.
- Contractor is directed to Standard Specification Item 105.02 Control of Work, Contract Plans and Working and Shop Drawings and Item 602.03 Reinforcing Steel, Order Lists and Bending Diagrams. The Contractor shall submit (3) copies of Working Plans or Shop Drawings to the Engineer for his review and approval prior to starting work on any reinforced concrete structure.
- 2. Any changes to these plans or specifications based on unforeseen field conditions are to be submitted to the Engineer for review and approval prior to implementation.
- 3. It is the Contractor's responsibility to provide adequate temporary shoring and bracing of the structures for any loads that may be imposed upon it during construction. Damage to the structure caused by or as a direct result of the contractor's operations shall be repaired by the Contractor at his own expense.
- 4. Foundations shall rest on well compacted material or bedrock. Soft spots shall be removed and replaced with compacted granular backfill material.
- 5. Structural Concrete to be Class "A" concrete, f'c = 3,000 psi, 28 day strength.
- Structural Excavation for Cement Rubble Masonry and Culvert Construction shall be considered incidental to respective contract items.
- 7. Filter Material, 4" Tile Weep Drain Holes, and steel reinforcement shall be considered incidental to Item No. 508.0100 Cement Rubble Masonry.



TYPICAL TRENCH DETAIL Not To Scale

## LEGEND FOR AS-BUILT POSTINGS

Squiggly line for as-built deletion  $\sim\sim$ Double line for as-built deletion <del>100.00</del> Text for as-built posting Roadway

**DEPARTMENT OF TRANSPORTATION** HIGHWAYS DIVISION

## CRM CULVERT DETAILS AND NOTES

HAWAI'I BELT ROAD RESURFACING PAUKA'A TO PĀPA'IKOU PROJECT NO. 19J-01-97M

Scale: As Shown

Date: Jan., 1997 SHEET No. 1 OF SHEETS

''AS-BUILT''