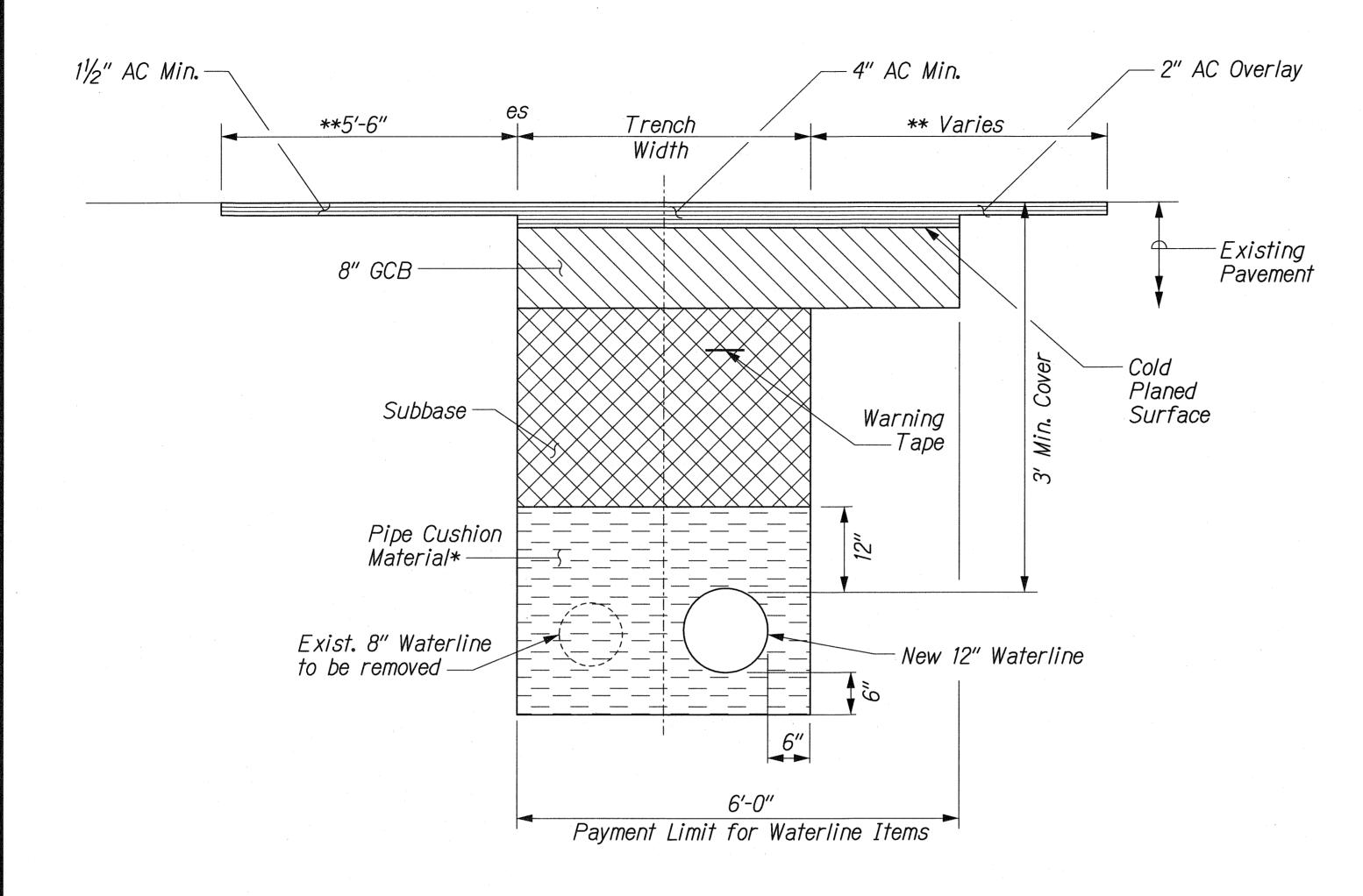
FED. ROAD FEDERAL AID DIST. NO. 2006 ER-14(1) 15 HAWAII



Installed 4'x4' Precast Box Backfilled to grade -cap to allow future placement of electric utility pole by others AVV 38" ID Steel Casing NOTES: PUN Fill with CLSM. CLSM shall have a 28-day 1. Shaft shall be drilled prior to boulder placement. compressive strength of 25 to 75 psi. 2. Casing should have intimate contact with relatively undisturbed soil. Therefore, shaft diameter shall not be oversized. 3. Shaft location shall be coordinated with Kauai *VV Provide relatively clean* Electric Company. bottom with no more than 2" of loose soil 4. Shaft location shall be located no closer than 5 feet from the 12"x18" drainage trenches. 5. The shaft shall be placed 2% of plumb. UTILITY POLE DETAIL

Not to Scale

Cut casing to be flush with adjacent boulders ∧&

TRENCH RESTORATION NOTES:

- 1. This trench restoration is to be used whenever the pavement is on asphalt surface, including medians and paved areas between guardrails. For trenches located in unpaved areas, the backfill need not be CLSM and can be backfilled as specified in the Standard Specifications.
- 2. Tack Coat existing asphalt bound material faces prior to filling excavation with asphalt bound material.
- 3. When groundwater is encountered in trenches, backfill with gravel conforming to ASTM C-33, Size 67, encapsulated with permeable separator.

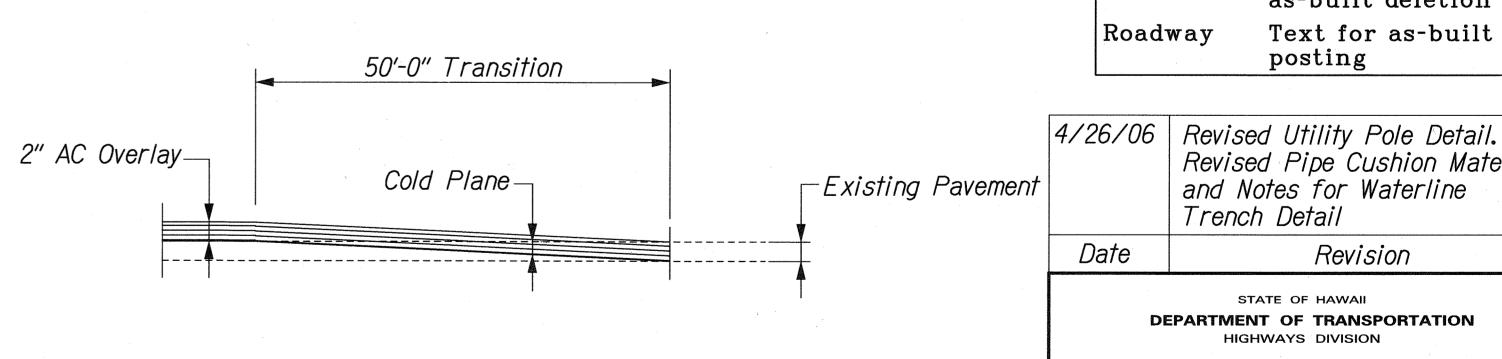
NOTES:

WATERLINE TRENCH DETAIL

Not to Scale

*Select material for pipe cushion shall be clay, sand, or S4C. If clay is used, it shall be dried out after water jetting and prior to completing the remainder of the backfill and pavement structure.

**Smoothness of paved surfaces: the distance from the paved surface to the testing edge of a ten-foot straight edge between two points of contact shall not exceed 3/16".



SMOOTH RIDING CONNECTION DETAIL

Not to Scale

ROADWAY CONSTRUCTION **DETAILS** Kuhio Highway Emergency Repairs Vicinity of MP 21.7 (Wailapa Stream) FEDERAL AID PROJECT NO. ER-14(1) Date: April 2006 Scale: None

STATE OF HAWAII **DEPARTMENT OF TRANSPORTATION**

LEGEND FOR

AS-BUILT POSTINGS

posting

and Notes for Waterline

Trench Detail

√√√

100.00

Roadway

Squiggly line for as-built deletion

Double line for

as-built deletion

Text for as-built

Revised Pipe Cushion Material

Revision

SHEET No. C9 OF 17 SHEETS

J:/DOT-Kauai/Addendum/roaddet.dgn

"ASBULT"

ADD

SURVET
DRAWN
TRACED
DESIGNED
QUANTIT