

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.

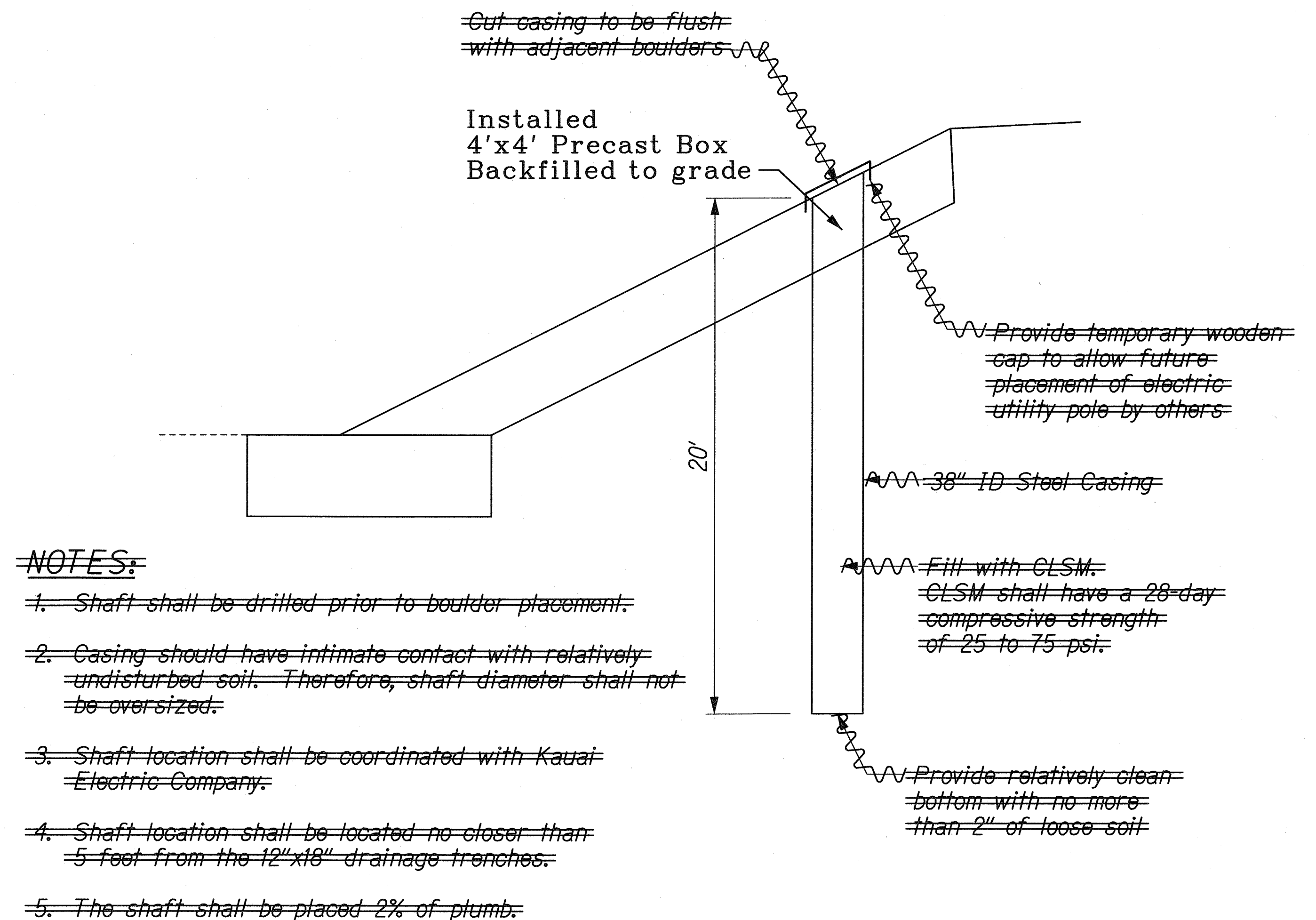
NOTES:

*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".

WATERLINE TRENCH DETAIL

Not to Scale

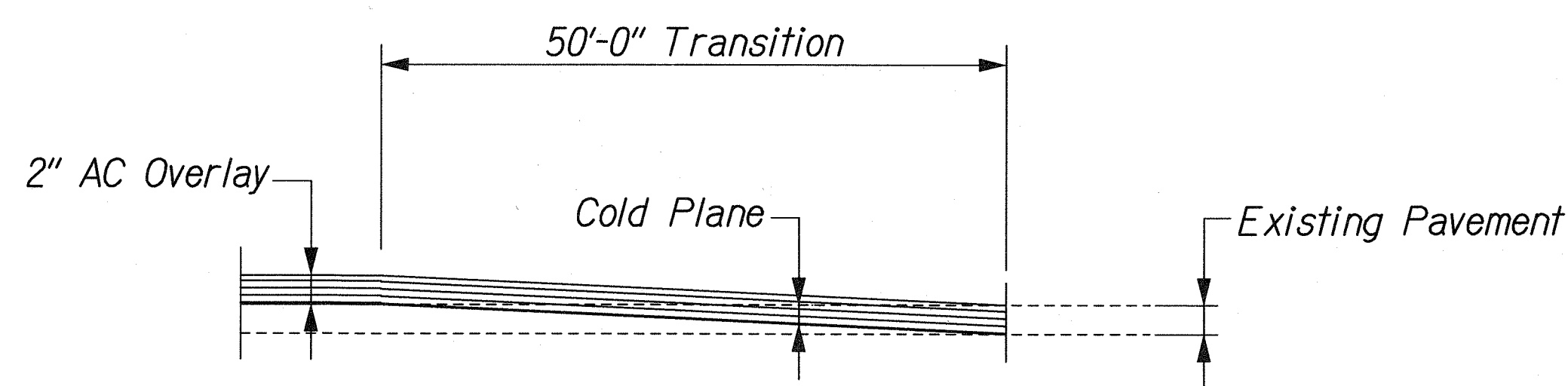


UTILITY POLE DETAIL

Not to Scale

LEGEND FOR AS-BUILT POSTINGS

	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting



SMOOTH RIDING CONNECTION DETAIL

Not to Scale

4/26/06	Revised Utility Pole Detail, Revised Pipe Cushion Material and Notes for Waterline Trench Detail
Date	Revision
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
ROADWAY CONSTRUCTION DETAILS	
Kuhio Highway Emergency Repairs Vicinity of MP 21.7 (Wailapa Stream) FEDERAL AID PROJECT NO. ER-14(1)	
Scale: None	Date: April 2006
SHEET No. C9 OF 17 SHEETS	

"AS-BUILT"

ADD 15

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
N.	