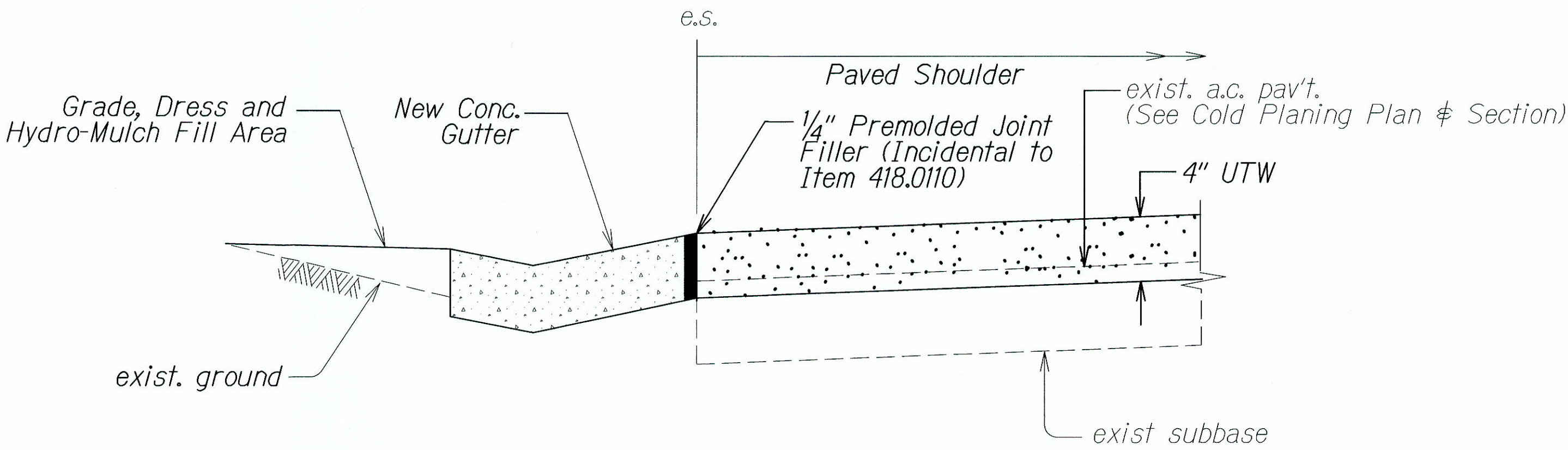
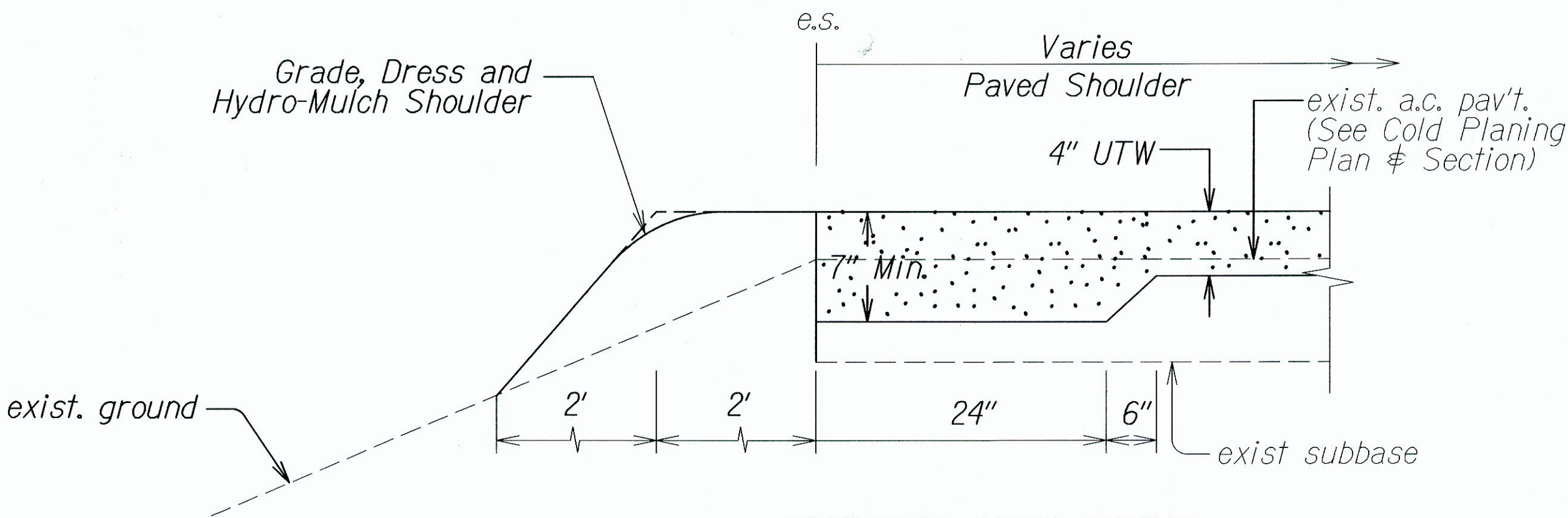


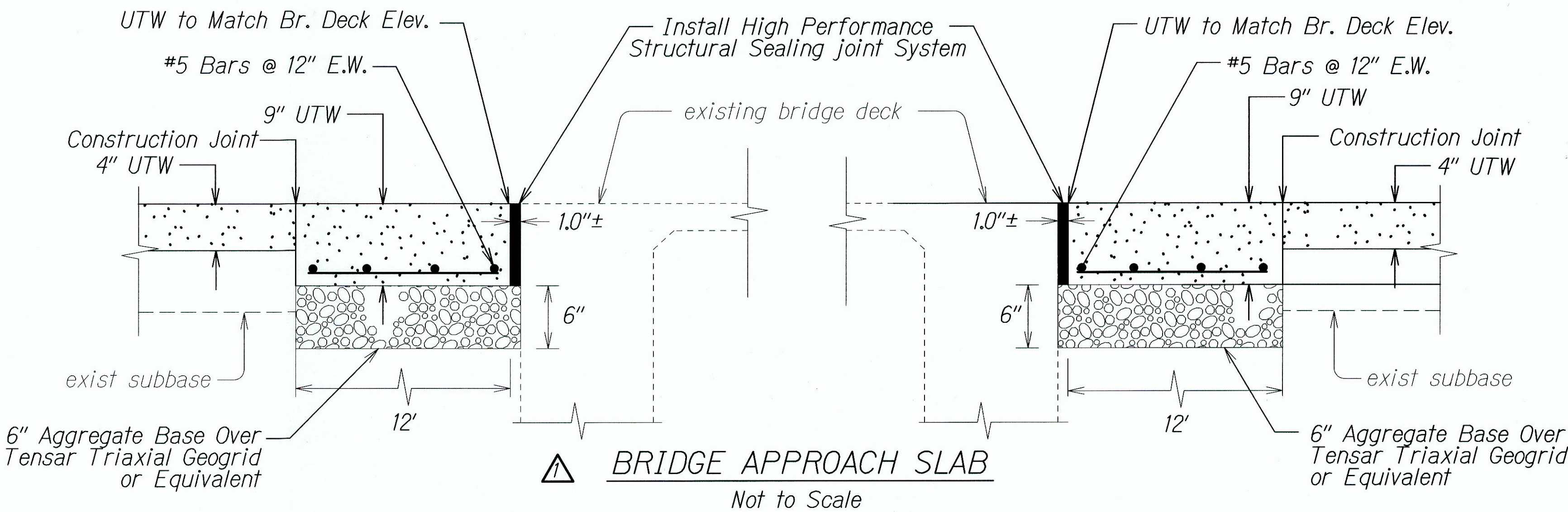
FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-051-1(011)	2011	C.O. 12	22



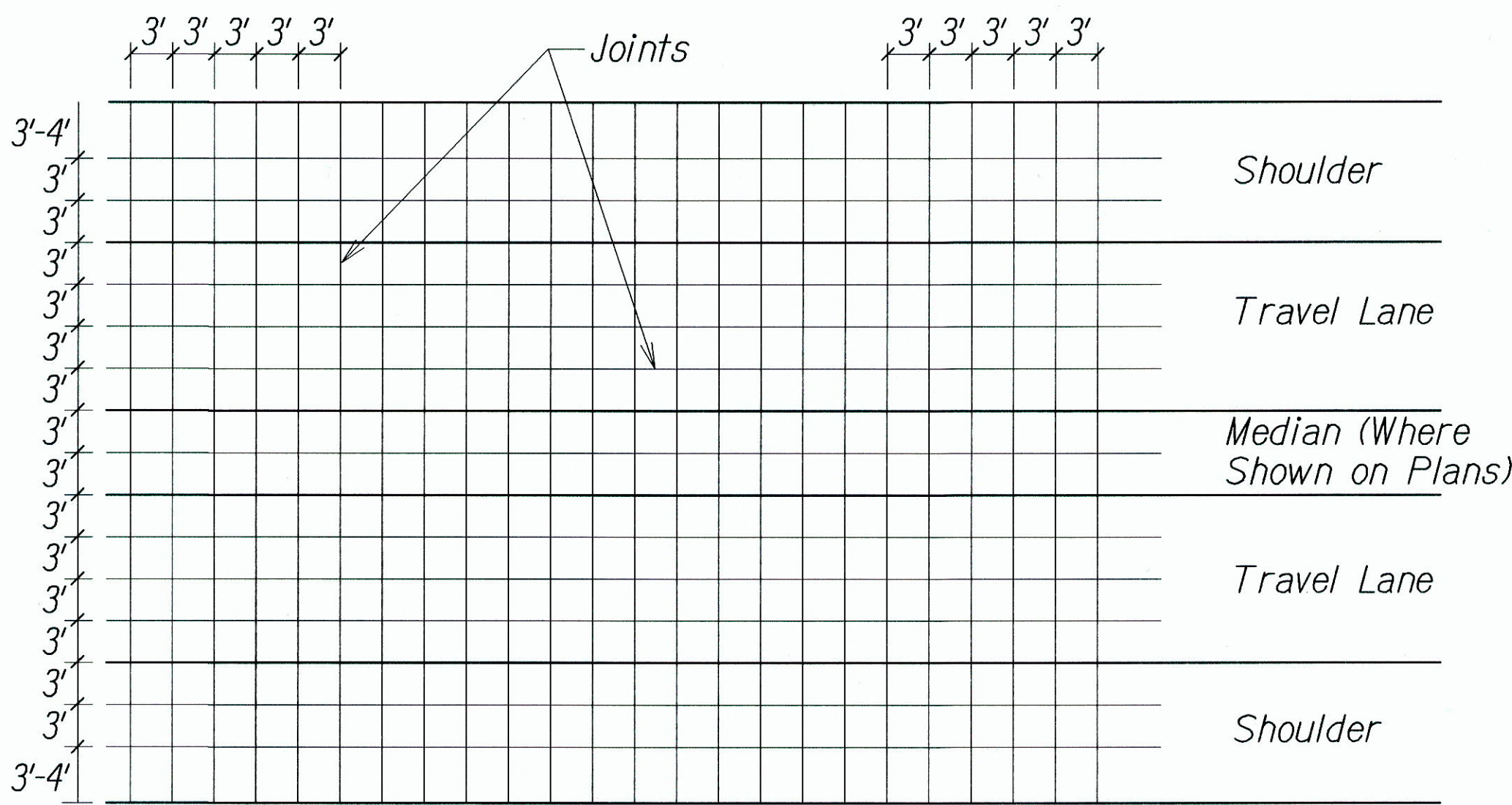
△ TYPICAL UTW EDGE  
AT NEW CONCRETE GUTTER  
Not to Scale



TYPICAL UTW EDGE  
AT EXISTING GROUND  
Not to Scale  
Bridge Approach Slab



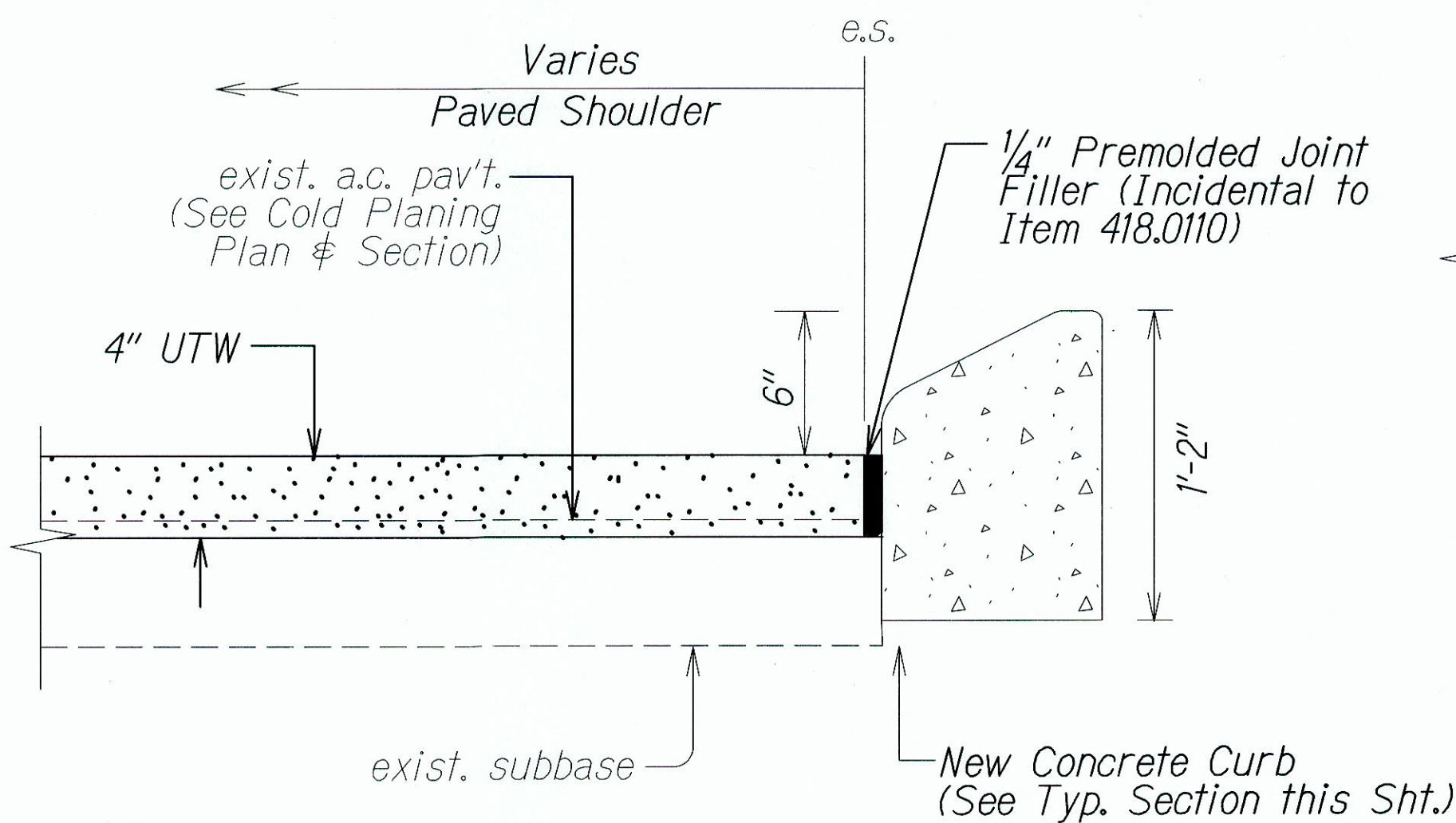
Note: Joint sealing material shall be Neoprene Profile (synthetic rubber) and shall be installed in accordance with the manufacturer's recommendation. This work shall be considered incidental to Item No. 418.0110 Ultra-Thin Whitetopping.



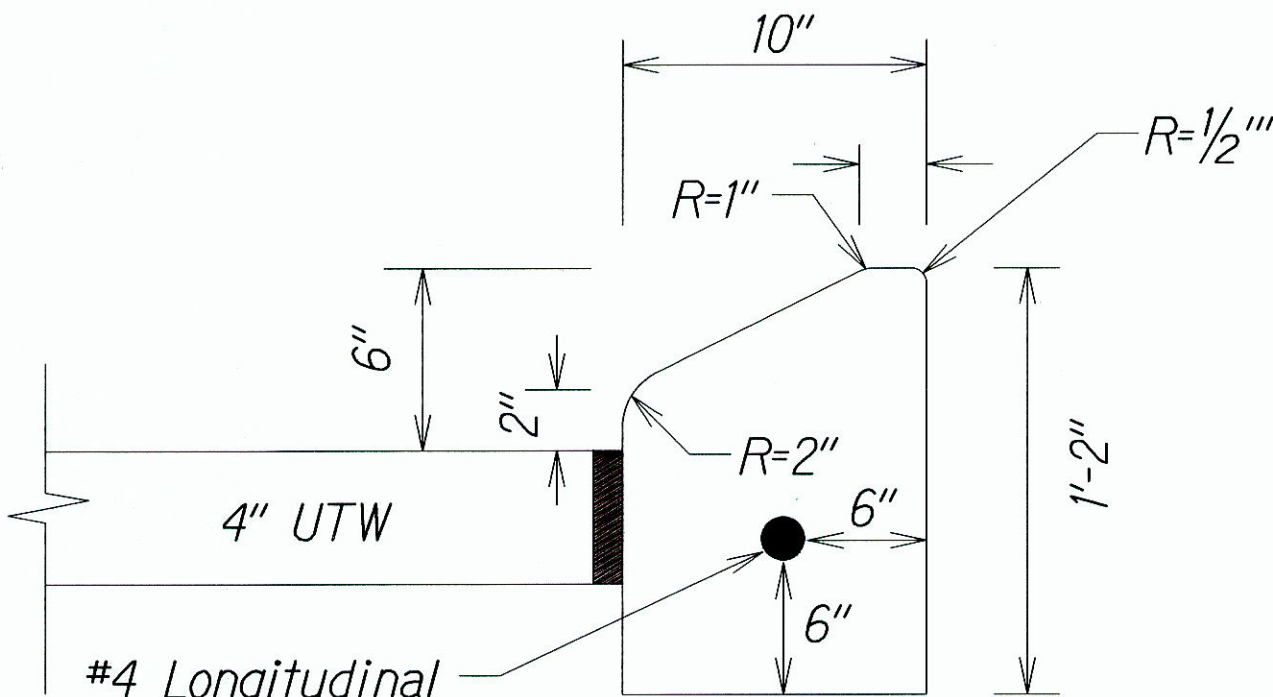
TYPICAL JOINT SPACING PLAN  
Scale: 1 in. = 20 ft.

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

- Notes:
- Contractor shall provide shop drawings for the proposed joint spacing. The Engineer shall review the shop drawings. Contractor shall not start construction of the UTW until the shop drawings are found acceptable by the Engineer. Shop drawings shall address the areas where objects are to be in the UTW. Size of blocks/panels formed by joints shall vary when needed to minimize irregular shapes and eliminate longitudinal joints in wheel path. This work shall not be paid for separately, but shall be considered incidental to the various contract items.
  - Length to width ratio shall range between 1.25 to 1 and 1 to 1. Areas that exceed the 1.25 length to width ratio are considered irregular shaped blocks or panels.
  - Triangular shapes are not allowed without acceptance by the Engineer.
  - Saw cuts shall be 1/8" wide and the depth shall be 1/3 the slab thickness.
  - In general, the longitudinal saw cuts shall be at and parallel to lane lines, and transverse saw cuts shall be perpendicular to the longitudinal saw cuts.
  - Longitudinal joints shall not be within the wheelpath of the vehicles.



△ TYPICAL UTW EDGE  
AT NEW CONCRETE CURB  
Not to Scale



CONCRETE CURB  
Not to Scale

- Conc. Curb Notes:
- Cast-in-Place curb shall be longitudinal broom finished.
  - Concrete shall be Class "A"
  - Dowels for construction joint or contraction joint detail shall be in accordance with the Standard Plan Sheet D-05.

SURVEY PLOTTED BY	DATE
DESIGNED BY	11/12
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
REVISION	
NO. 1	

1/5/12	△ - New Concrete Curb Detail & Notes
1/5/12	△ - Delete Thickened Edge @ New Conc. Curb & Gutter
1/5/12	△ - Detail at Bridge Approach
DATE	REVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

### MISCELLANEOUS DETAILS

KAPULE HIGHWAY RESURFACING  
Ahukini Road to Kuhio Highway  
Fed-Aid Proj. No. NH-051-1(011)

Not to Scale Date: January 2012

SHEET No. 1 OF 1 SHEETS

"AS-BUILT"

C.O. 12