

FISCAL SHEET TOTAL YEAR NO. SHEETS FED.ROAD DIST.NO. FED. AID PROJ. NO. STATE HAWAII HAW. NH-037-1(22) 2003 34

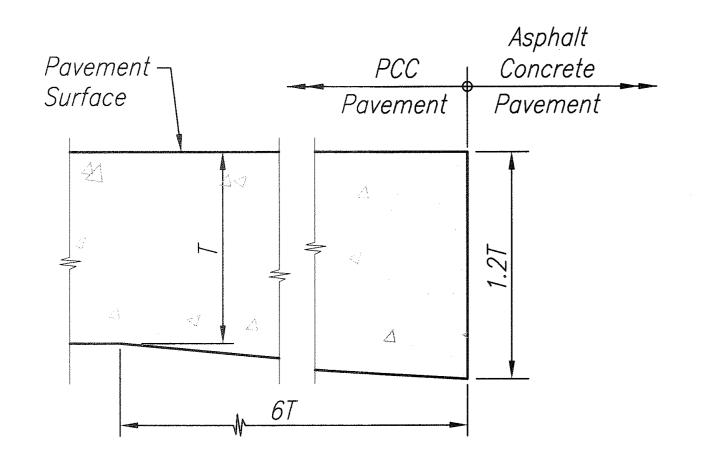
#### Legend:



Odd Shaped Block Reinforcing: #4 Bars @ 15" o.c. Both Ways

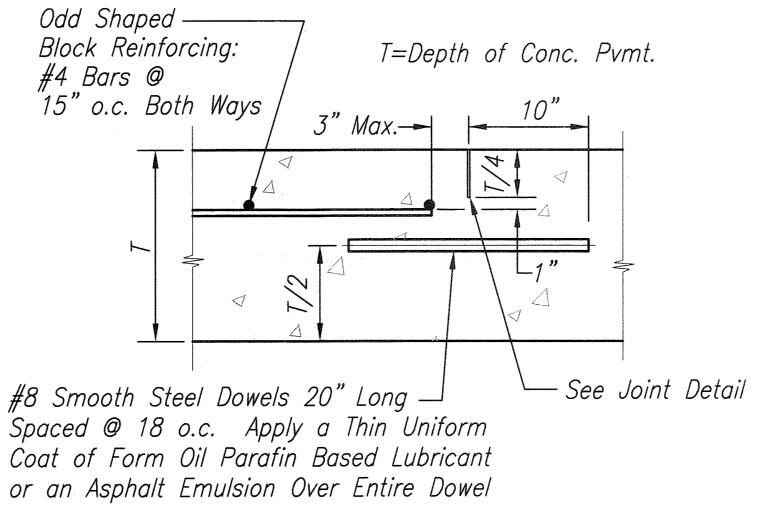
# JOINTING PLAN (NORTH FIREBREAK ROAD CROSSING)

Scale: 1"=10'

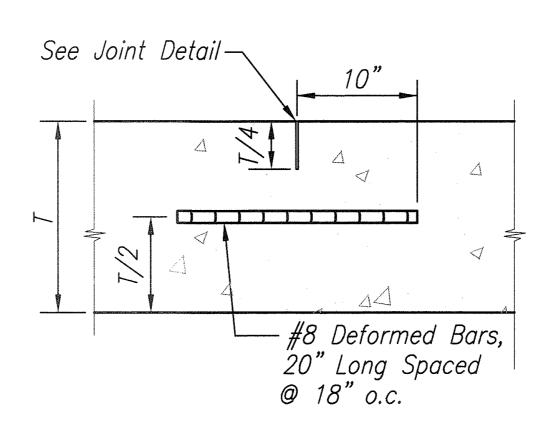


T=Depth of Conc. Pvmt.

## THICKENED EDGE Scale: $1 \frac{1}{2}" = 1'-0"$



TRANSVERSE CONTRACTION JOINT (TCJ) SCALE: 1 1/2"= 1'-0"

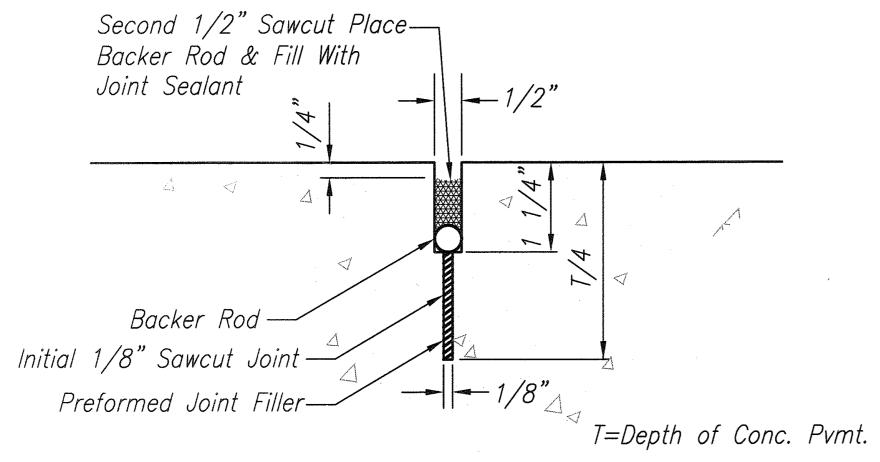


T=Depth of Conc. Pvmt.

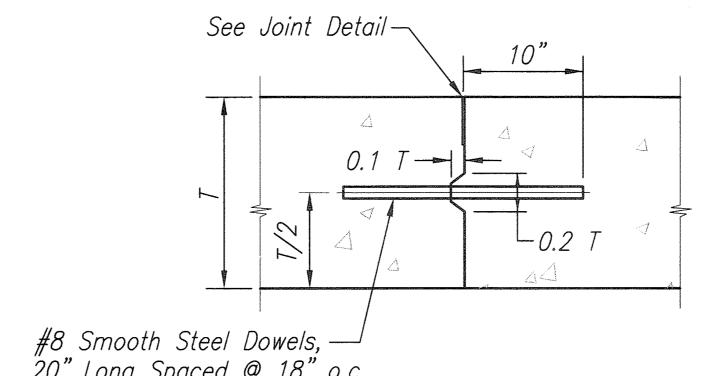
LONGITUDINAL JOINT (LJ) SCALE : 1 1/2"= 1'-0"

### Concrete Notes:

- 1. Concrete Work Shall Conform to Section 701-Hydraulic Cement.
- 2. Maximum Size of Aggregate Shall be 2" to 4" In Accordance With Table 703.02.
- 3. Reinforcing Steel Shall Conform to Section 709-Reinforcing Steel, Wire Rope, and Prestressing Steel.
- 4. Construction Joints Shall be Located by the Contractor Subject to Approval by the Engineer.



JOINT DETAIL "A" Not to Scale

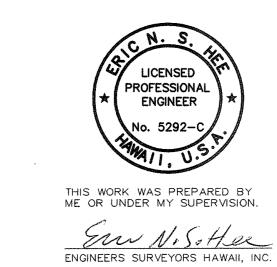


20" Long Spaced @ 18" o.c.

CONSTRUCTION JOINT Not to Scale

### Notes:

- 1. Adjust Joint Locations For Exist. Utility Structures.
- 2. T=Depth of Conc. Pvmt.



LICENSE EXPIRATION DATE: 4/30/04

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION

JOINTING PLAN & DETAILS N. FIREBREAK ROAD CROSSING

HALEAKALA HIGHWAY WIDENING, PHASE HANA HIGHWAY TO PUKALANI BYPASS FED. AID PROJ. NO. NH-037-1(22) SCALE: AS NOTED DATE: NOV., 2002

SHEET No. 1 OF 1 SHEETS



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