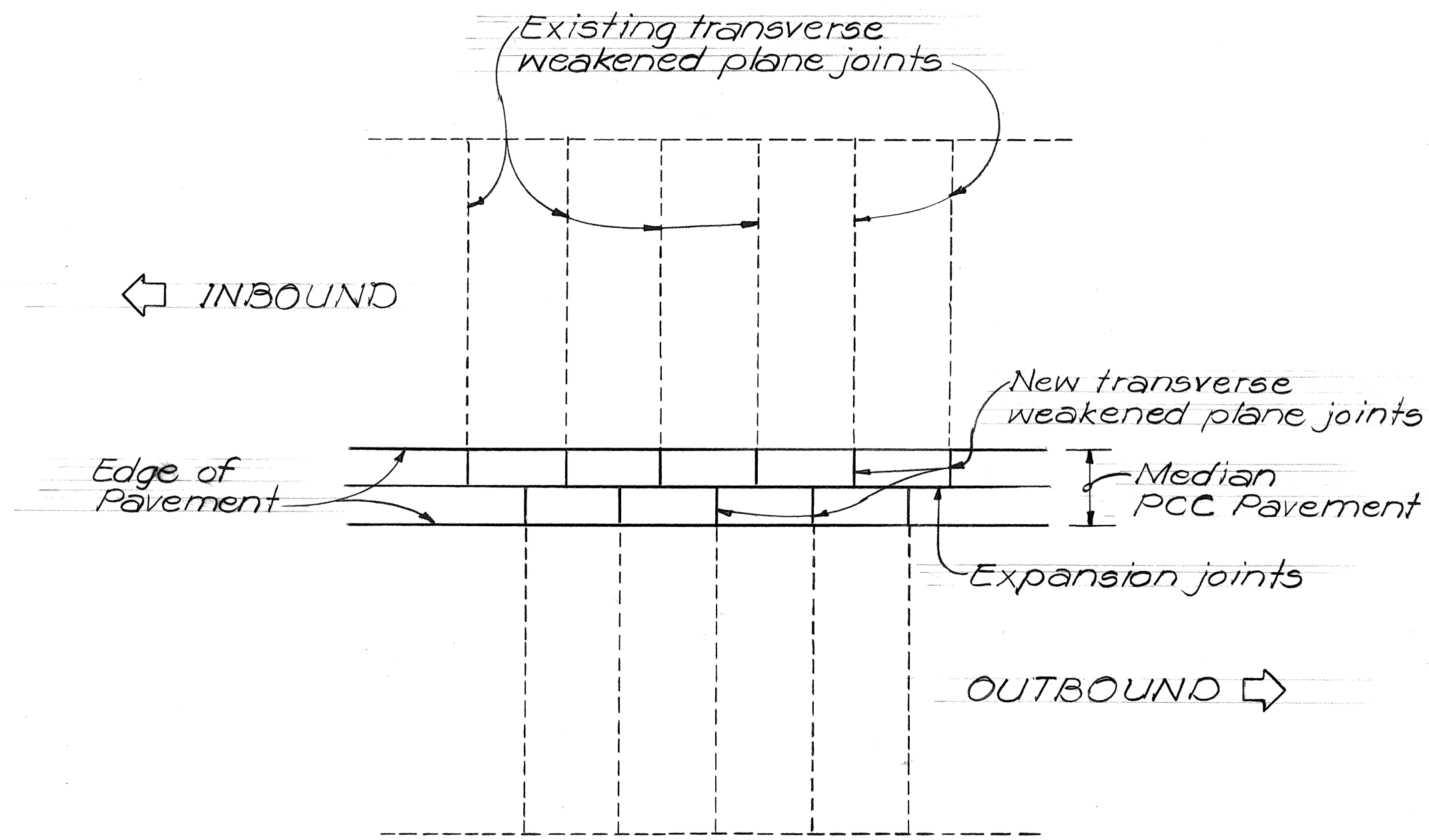
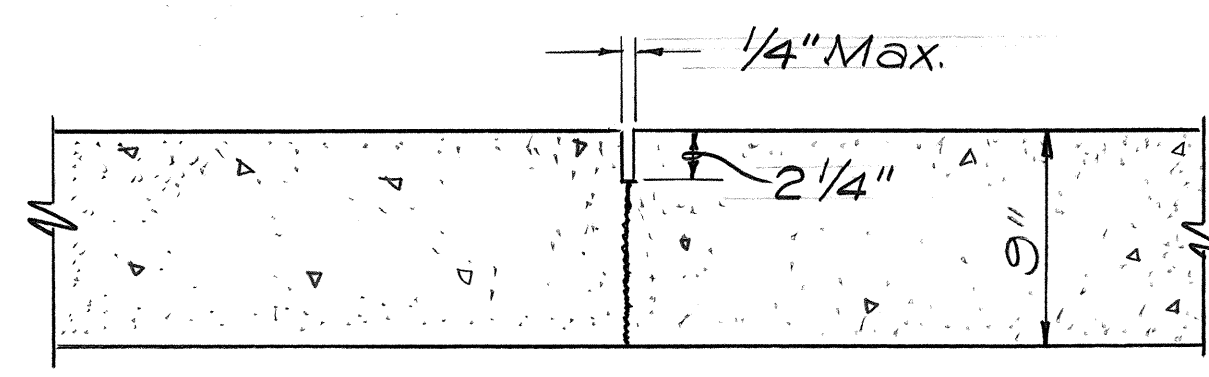


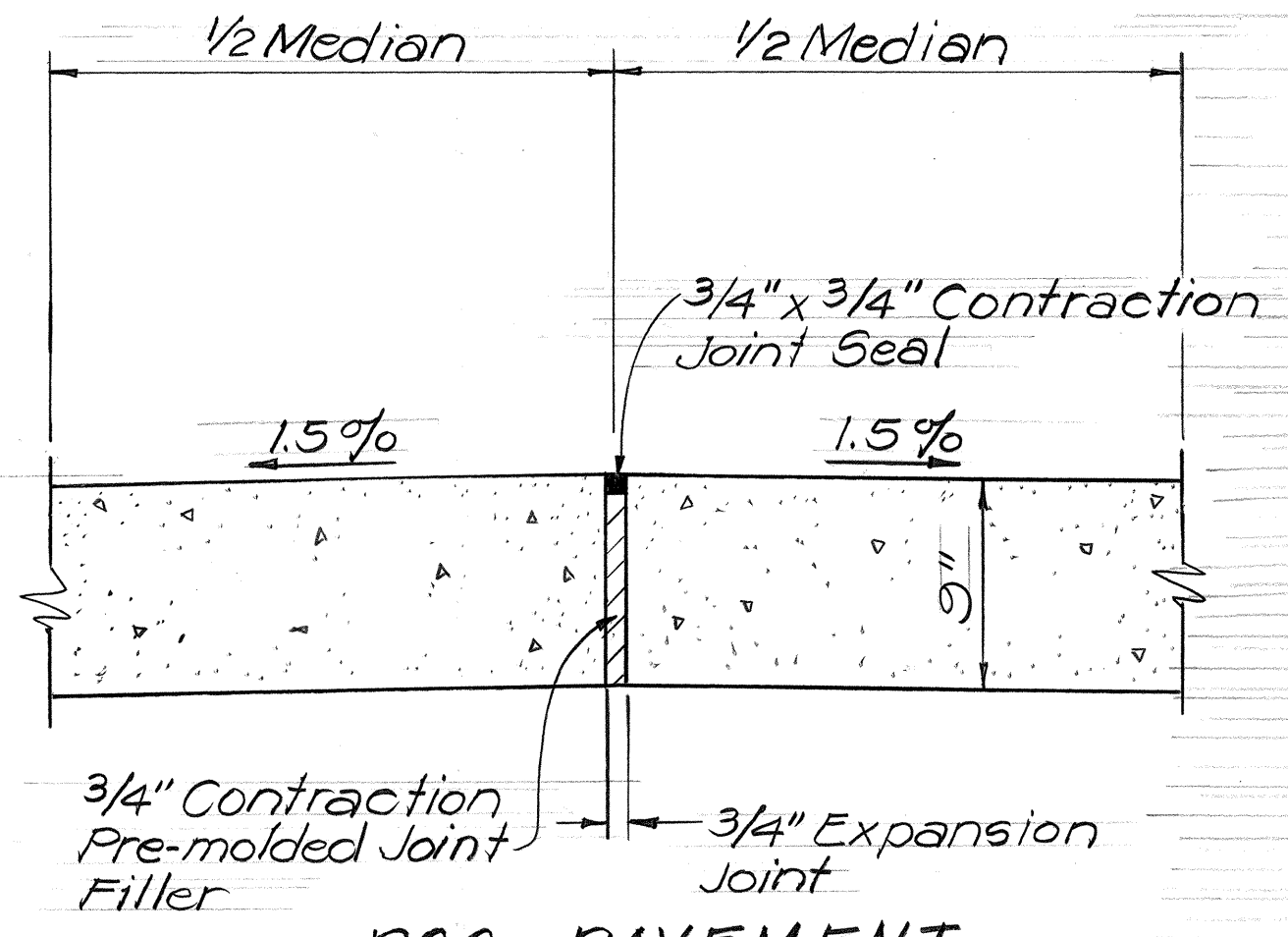
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1R-H-1(197)	1986	10	38



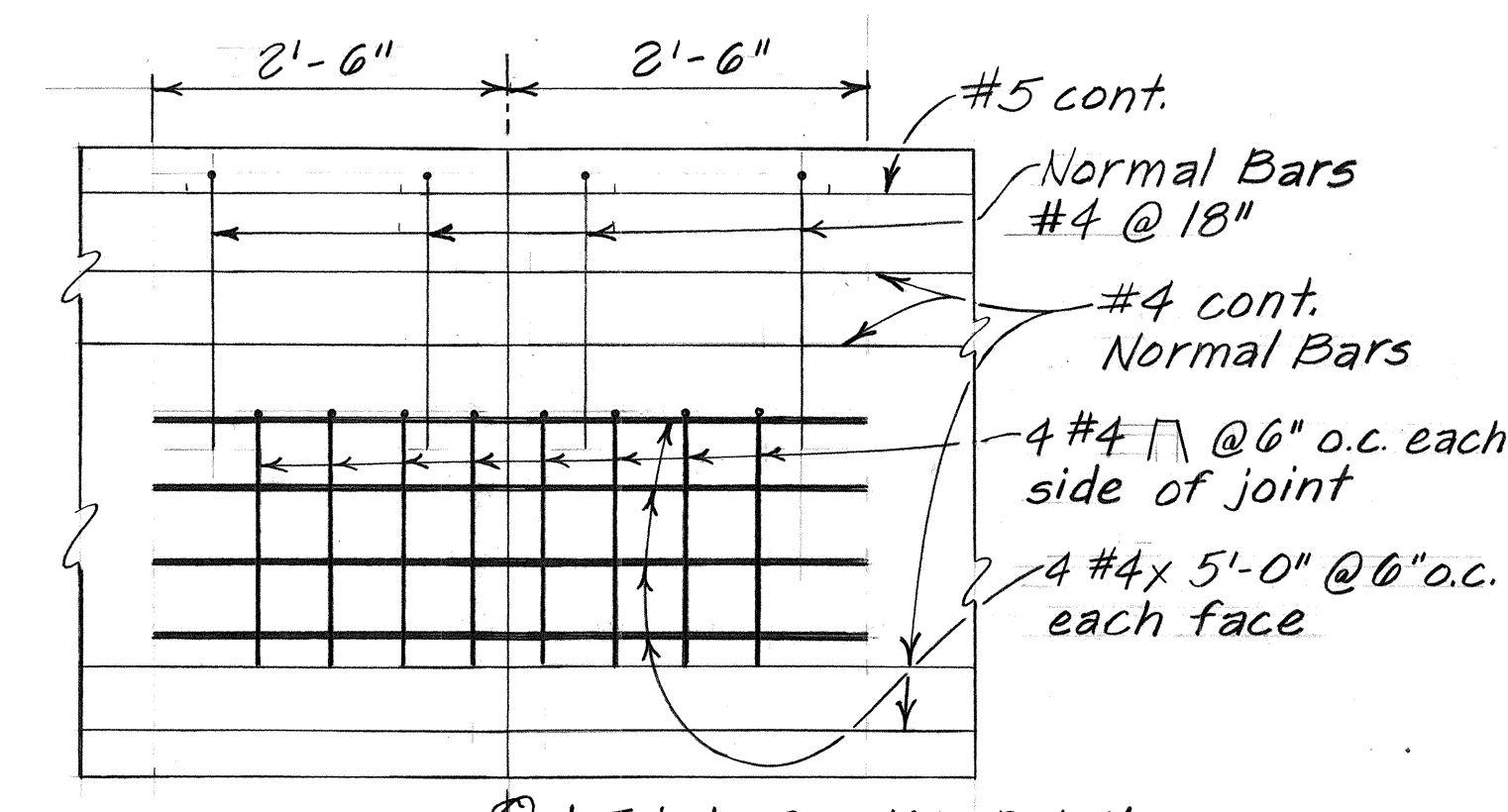
PCC PAVEMENT
TYPICAL JOINT LOCATION AT MEDIAN
Scale: 1" = 20'



SAW JOINT
PCC PAVEMENT
TRANSVERSE WEAKENED PLANE CONTRACTION JOINT
Scale: 1 1/2" = 1'-0"



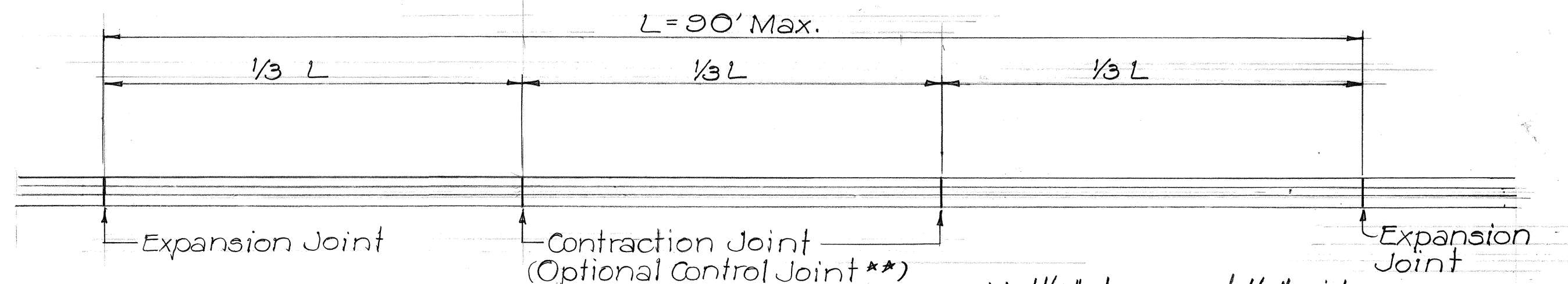
PCC PAVEMENT
EXPANSION JOINT DETAIL
MEDIAN - TANGENT SECTION
Scale: 1 1/2" = 1'-0"



CONSTRUCTION JOINT - ELEVATION
Scale: 3/4" = 1'-0"

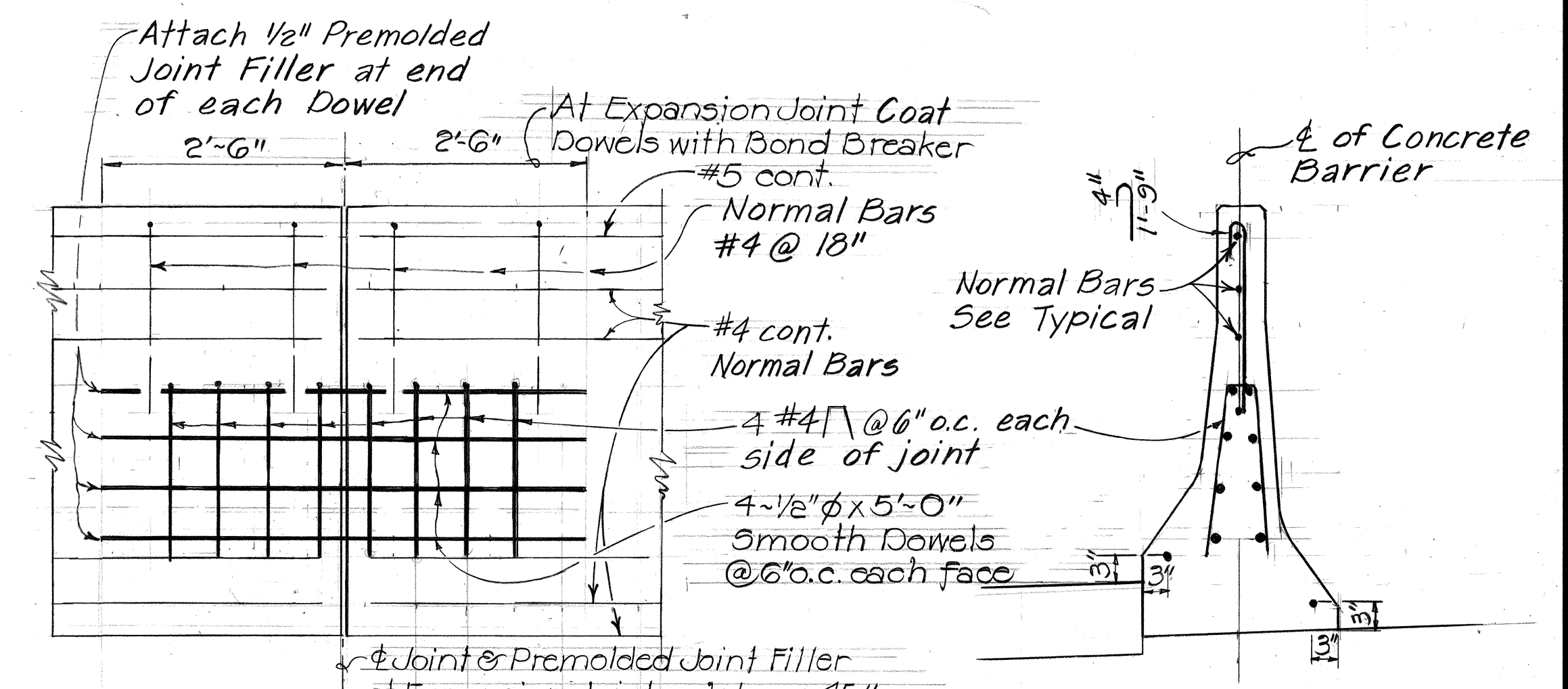
NOTE

Expansion Joints shall be constructed at ninety-foot (90ft.) maximum intervals and at existing expansion joints of structures. (Use 1/2" Premolded Joint Filler, incidental to Type 50 Rigid Barrier Guard Rail). Control Joints shall be placed between expansion joints at 30' maximum. Shear Keys shall be required at all construction joints. The exterior surface and vertical alignment of the Type 50 Rigid Barrier Guard Rail shall be constructed to give a uniform and presentable appearance. Variation of more than 1/4" in 20' max. and 1/2" in 40' or more will be considered objectionable. The Engineer will determine the acceptability of the work. During the course of the work, samples may be tested and measurements made to establish whether or not the specified values or dimensions are being met. If the specified values or dimensions are not being met, the Engineer will determine the degree of the non-conformance, the effect on the serviceability of the project, whether if so, the amount to be paid for such work, or whether the work shall be removed and replaced or otherwise corrected at the Contractor's expense.



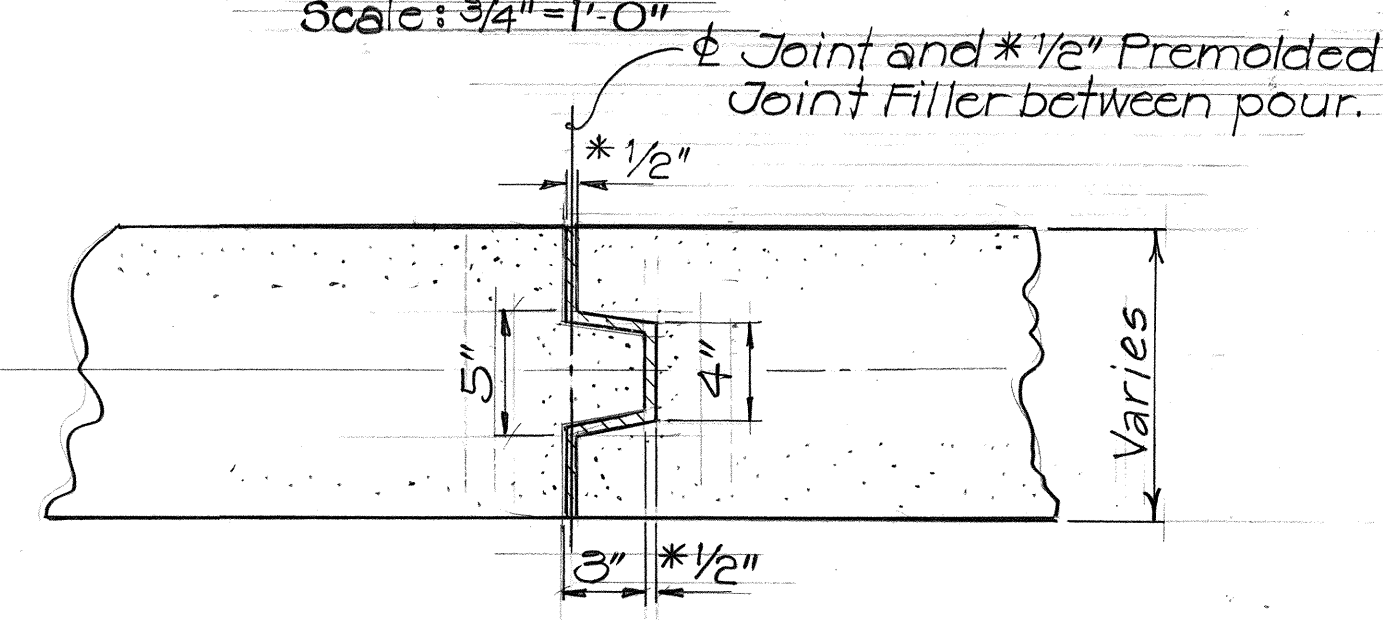
PLAN - BARRIER
Scale: 1/8" = 1'-0"

** 1 1/2" deep and 1/8" wide.
Vertical - both sides.



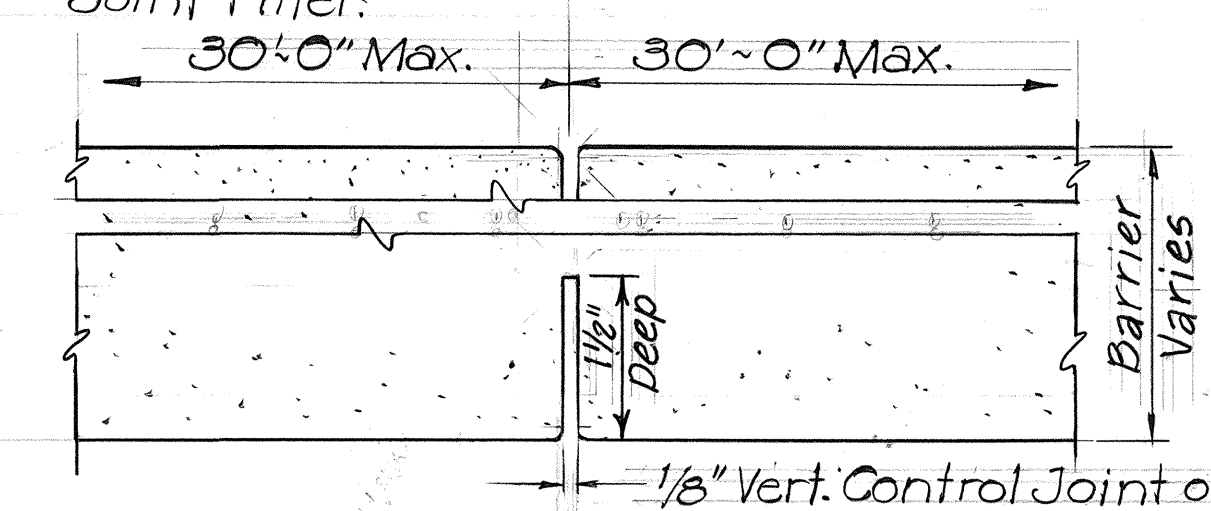
EXPANSION JOINT - ELEVATION
Scale: 3/4" = 1'-0"

SECTION AT JOINT
Scale: 3/4" = 1'-0"



3" KEY DETAIL AT EXPANSION JOINT
Not to Scale

* Contraction Joint similar except that 1-layer #45 Roofing Felt shall be used instead of 1/2" Premolded Joint Filler.



1/8" Vert. Control Joint on both face of Barrier continuous to bottom of barrier. Joint may be formed with 1/8" Masonite and cut back to the foot of the chamfer on the exposed face. Apply Flashing on Joint in Earth.

CONTROL JOINT DETAIL
Not to Scale

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**P.C.C. PAV'T AND CONCRETE
BARRIER JOINT DETAILS**
**INTERSTATE ROUTE H-1
SAFETY IMPROVEMENTS**
Koko Head Ave. to Waialae Viaduct
FAIP No. 1R-H-1(197)
Scale: As Shown Date: Aug., 1985
SHEET NO. OF SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	