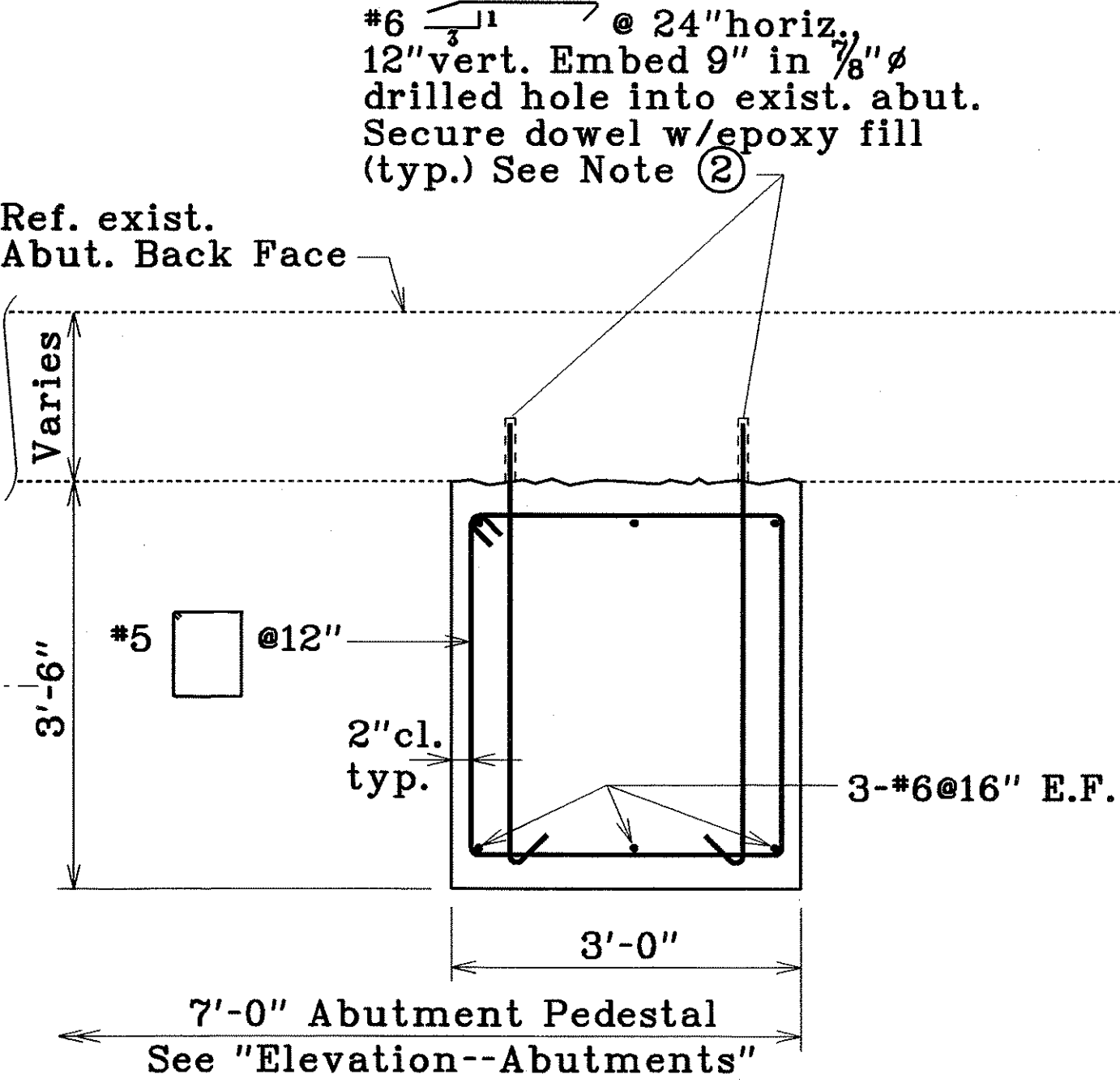
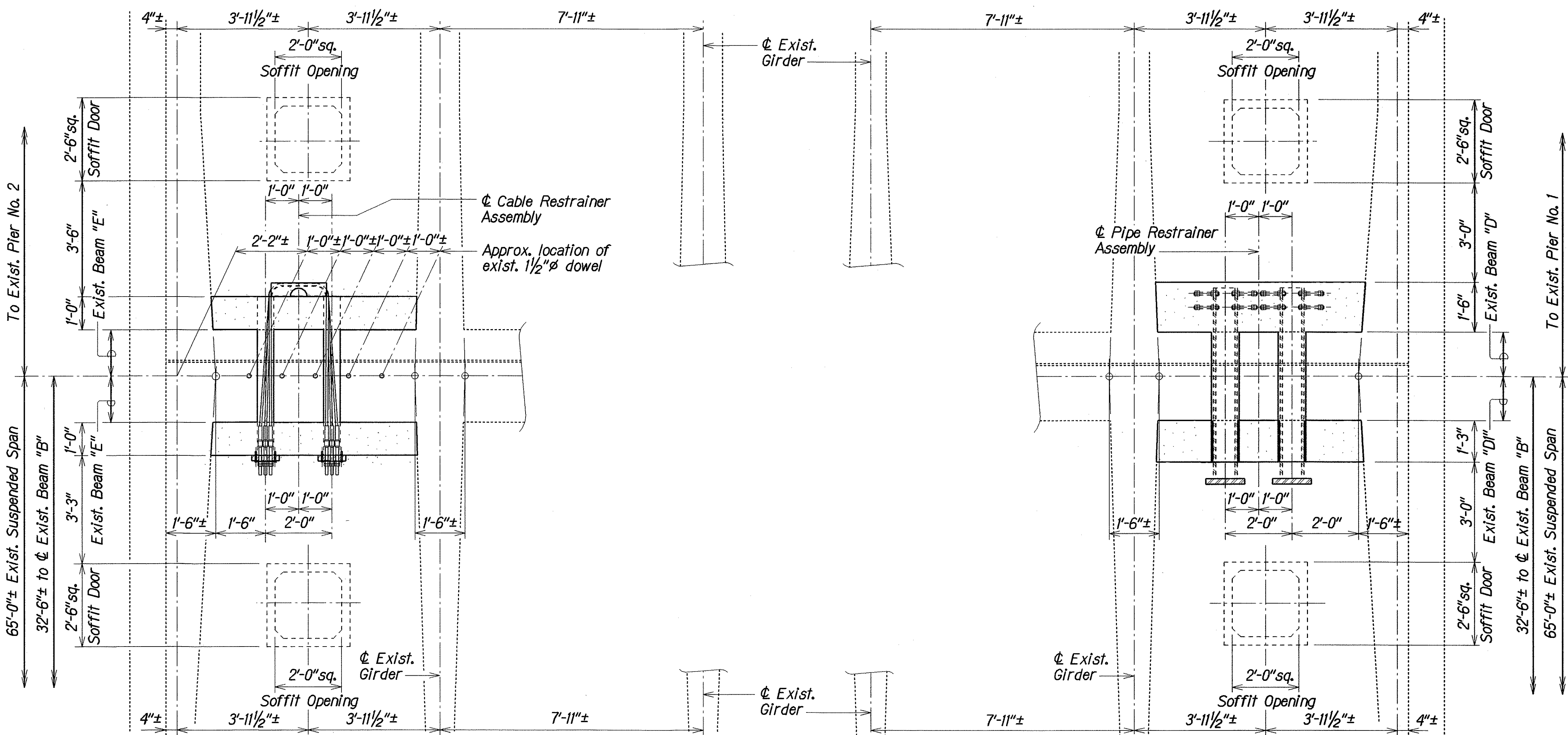


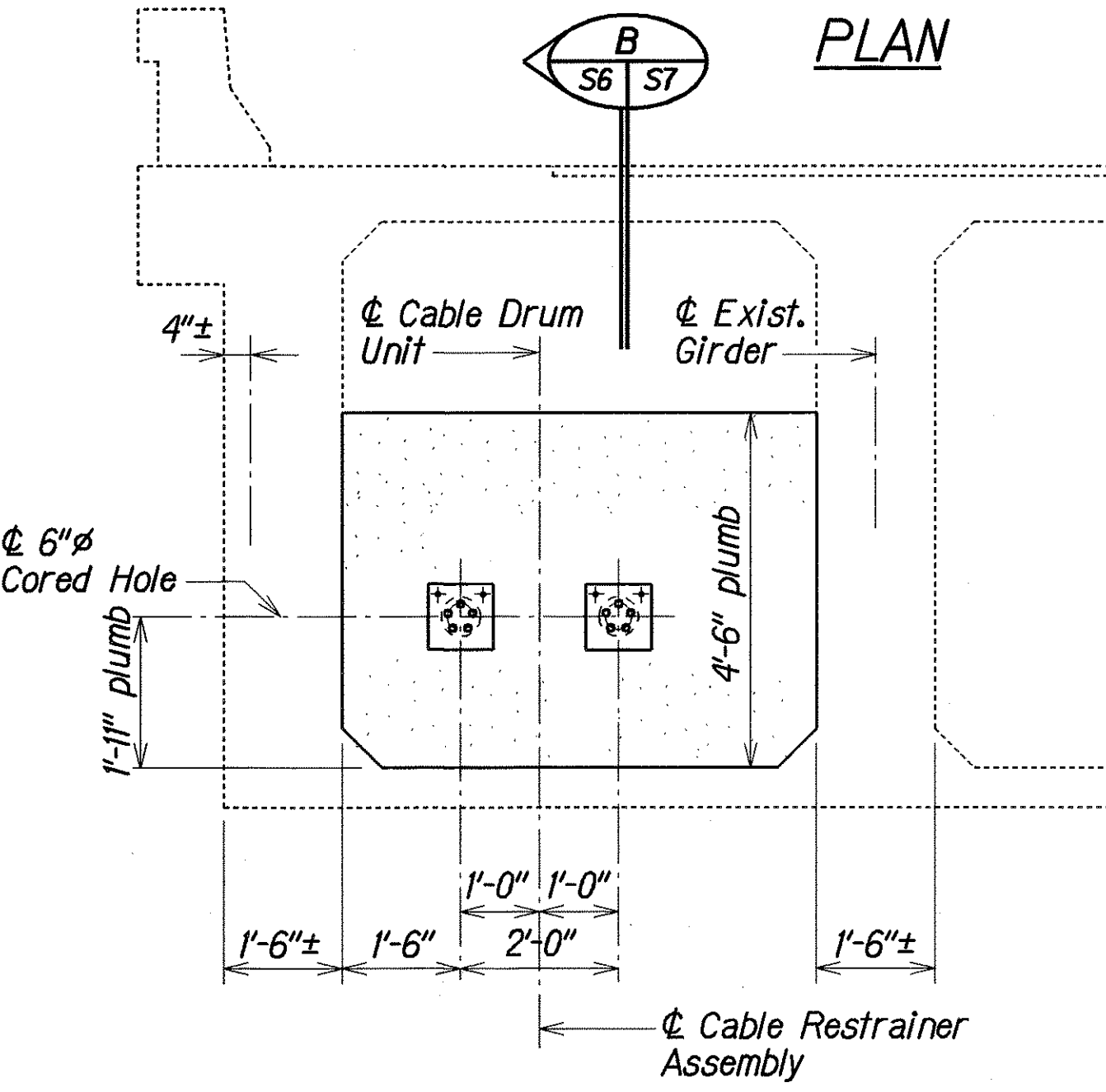
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-HI-1(225)	2000	12	37



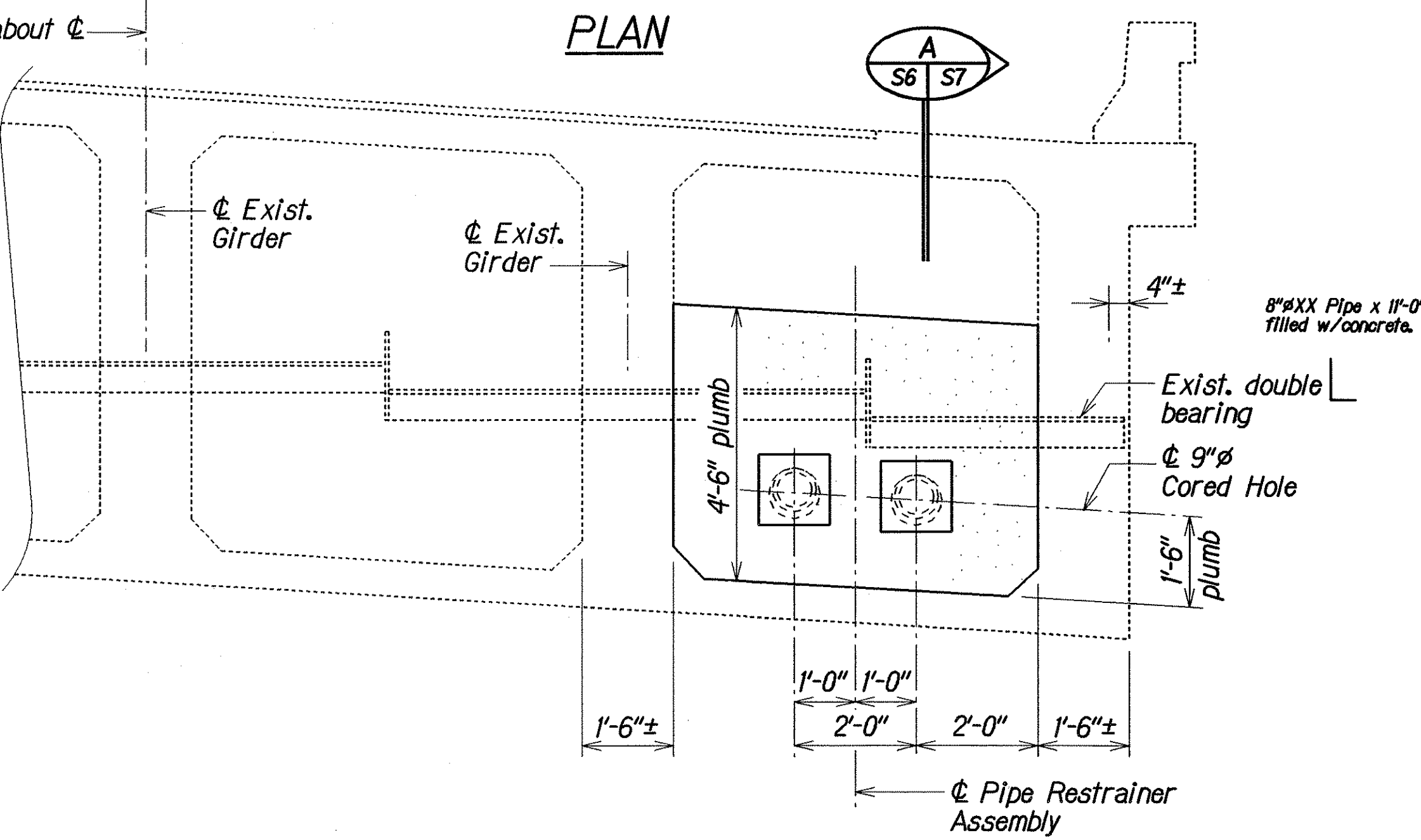
Note: Epoxy fill shall be "Double Cartridge" type. Epoxies that require manual measuring or mixing will not be allowed.

SECTION THRU ABUTMENT PEDESTAL
Scale: $\frac{3}{4}" = 1'-0"$

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



ELEVATION
FIXED JOINT
Scale: $\frac{1}{2}" = 1'-0"$



ELEVATION
EXPANSION JOINT
Scale: $\frac{1}{2}" = 1'-0"$

SURVEY PLOTTED BY	DATE
DRAWN BY	JUL 1999
DESIGNED BY	JUL 1999
QUANTITIES BY	JUL 1999
CHECKED BY	JUL 1999

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

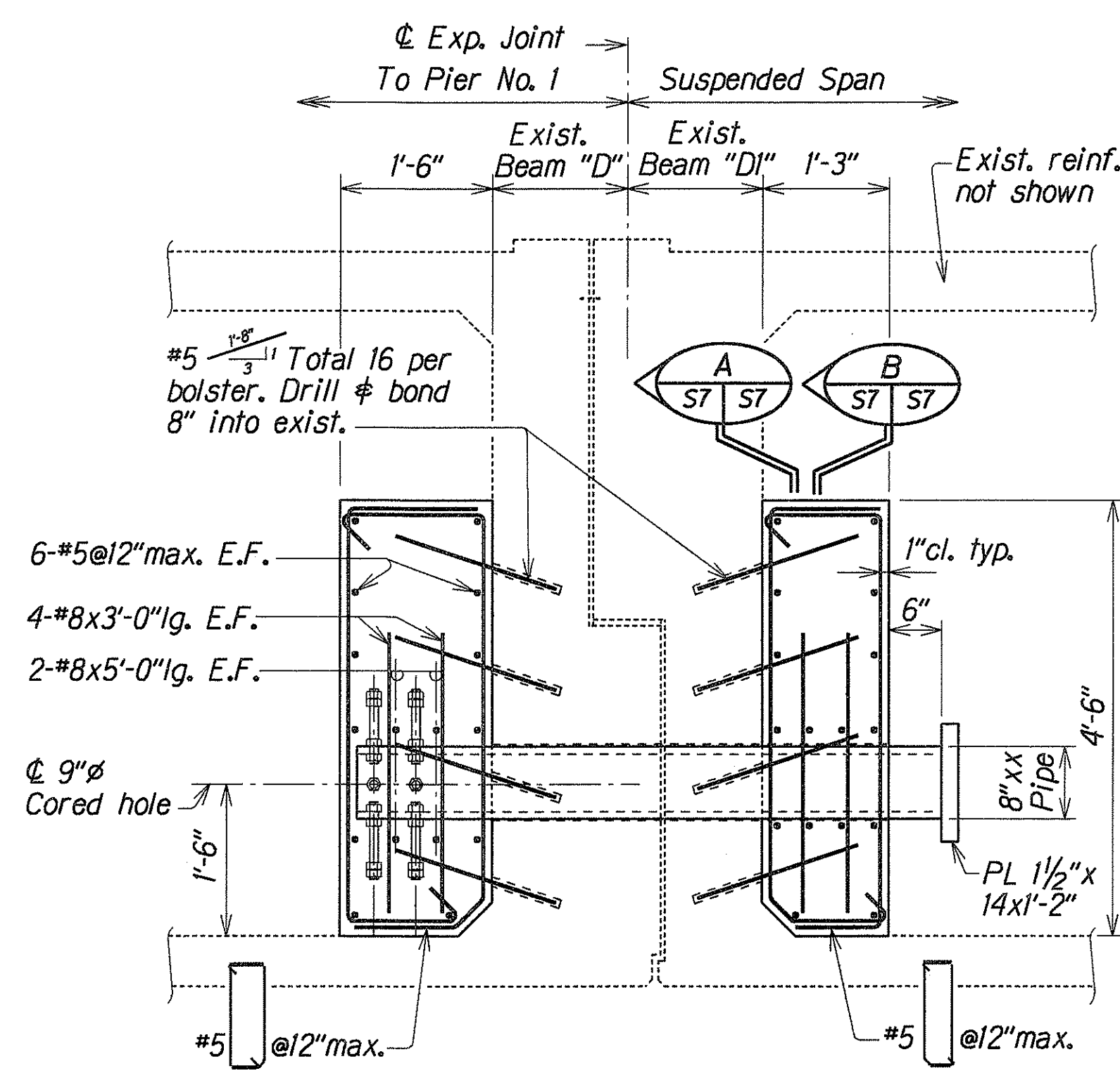
LUNALILO-VINEYARD OFF-RAMP
FIXED and EXPANSION JOINT PLAN and ELEVATION
SEISMIC RETROFIT for LUNALILO-VINEYARD OFF-RAMP,
MAKIKI VIADUCT and PALAMA SEPARATION
Fed. Aid Proj. No. BR-HI-1(225)

Scale: As Noted Date: Jul, 1999

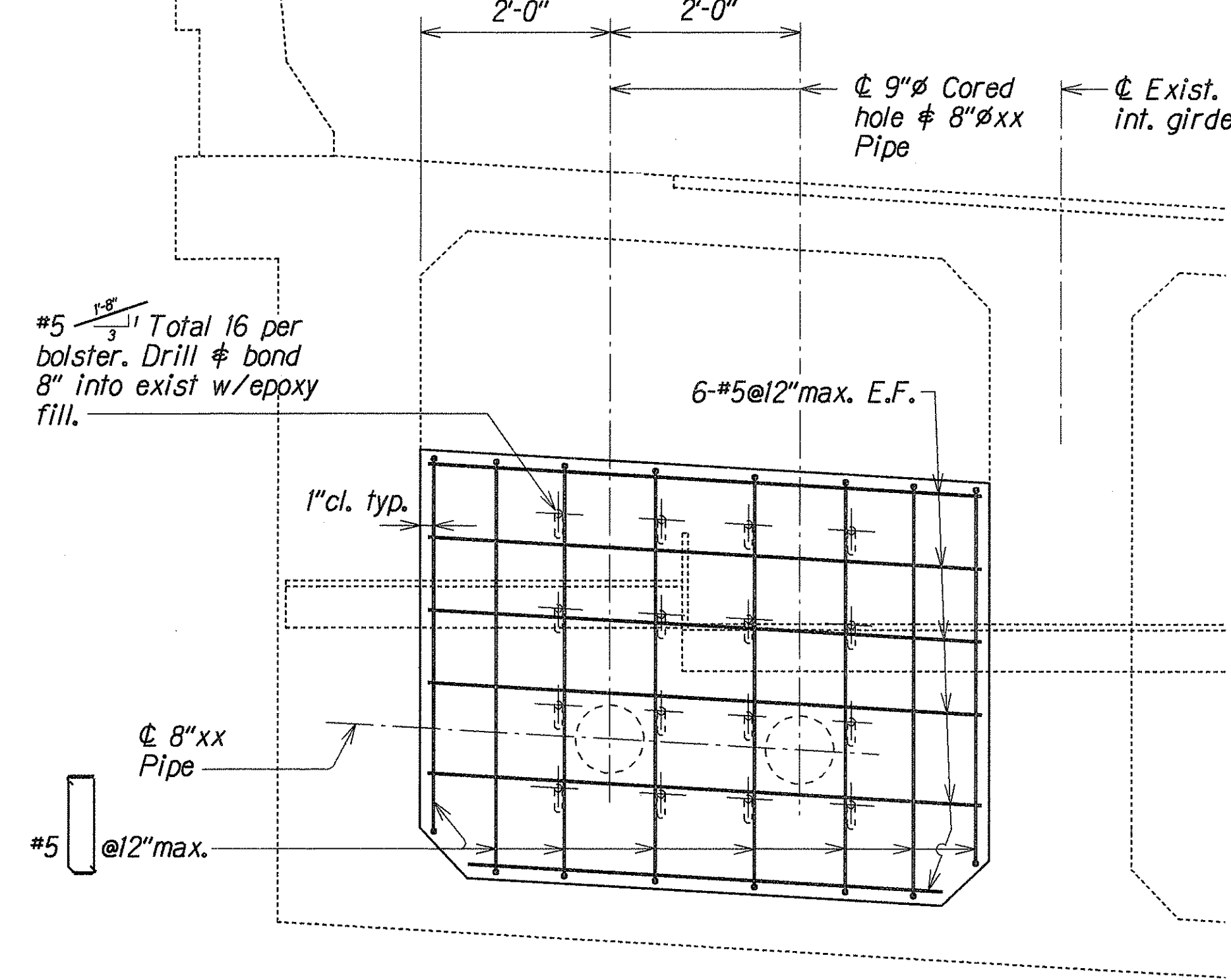
SHEET No. S6 OF 25 SHEETS

"AS-BUILT"

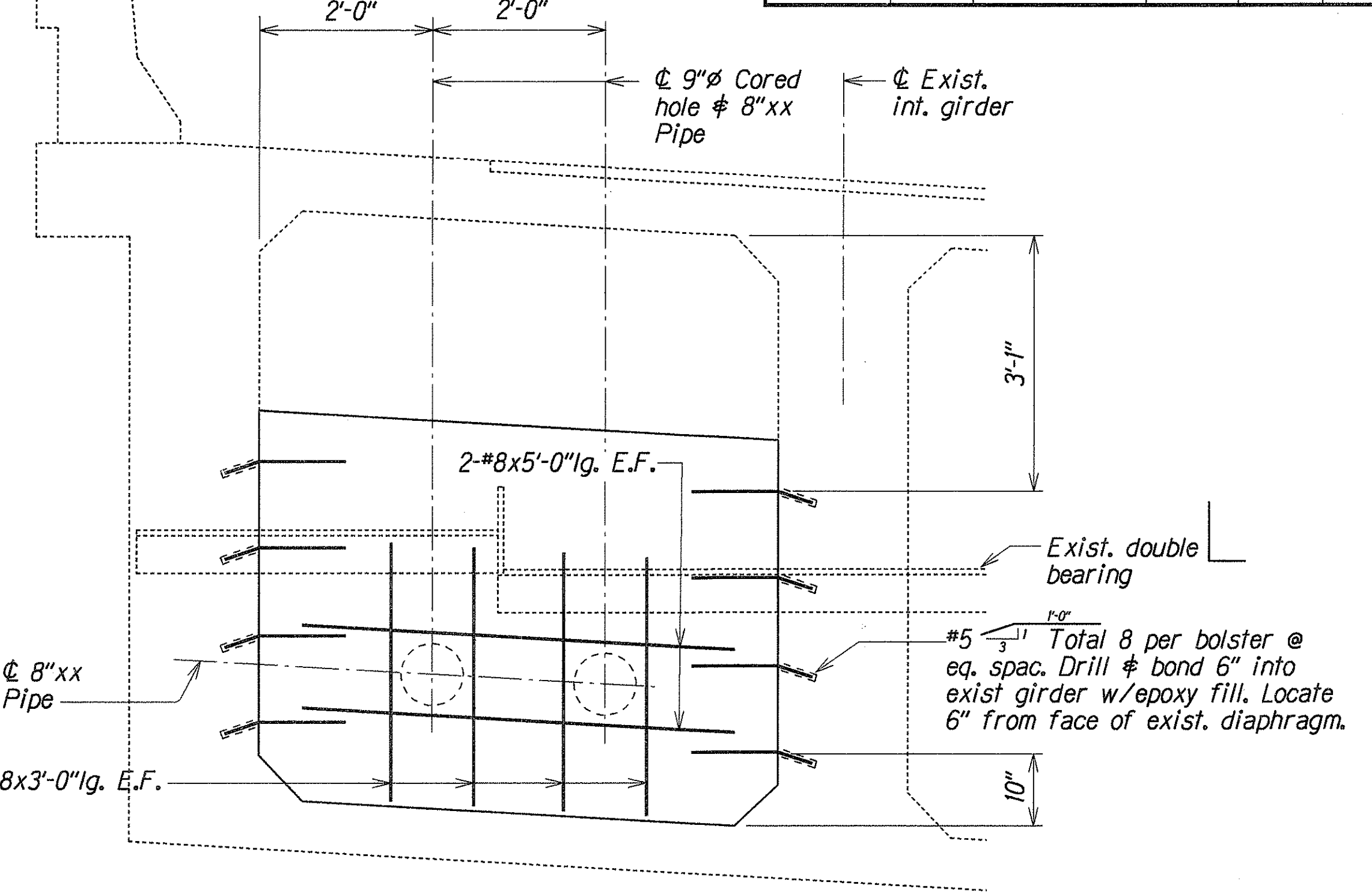
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-HI-1(225)	2000	13	37



SECTION A
S6 S7



SECTION B
S7 S7

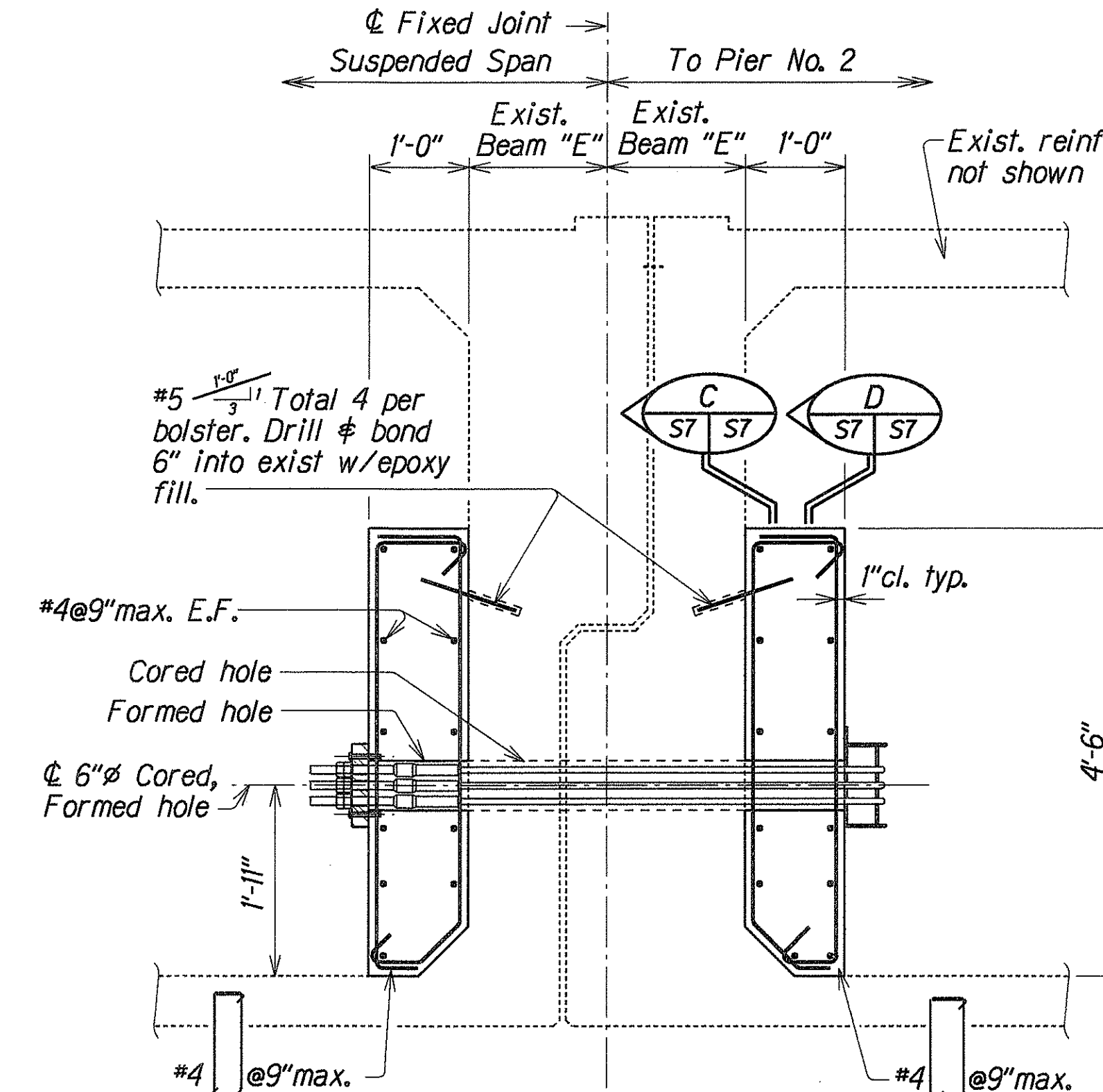


SECTION C
S7 S7

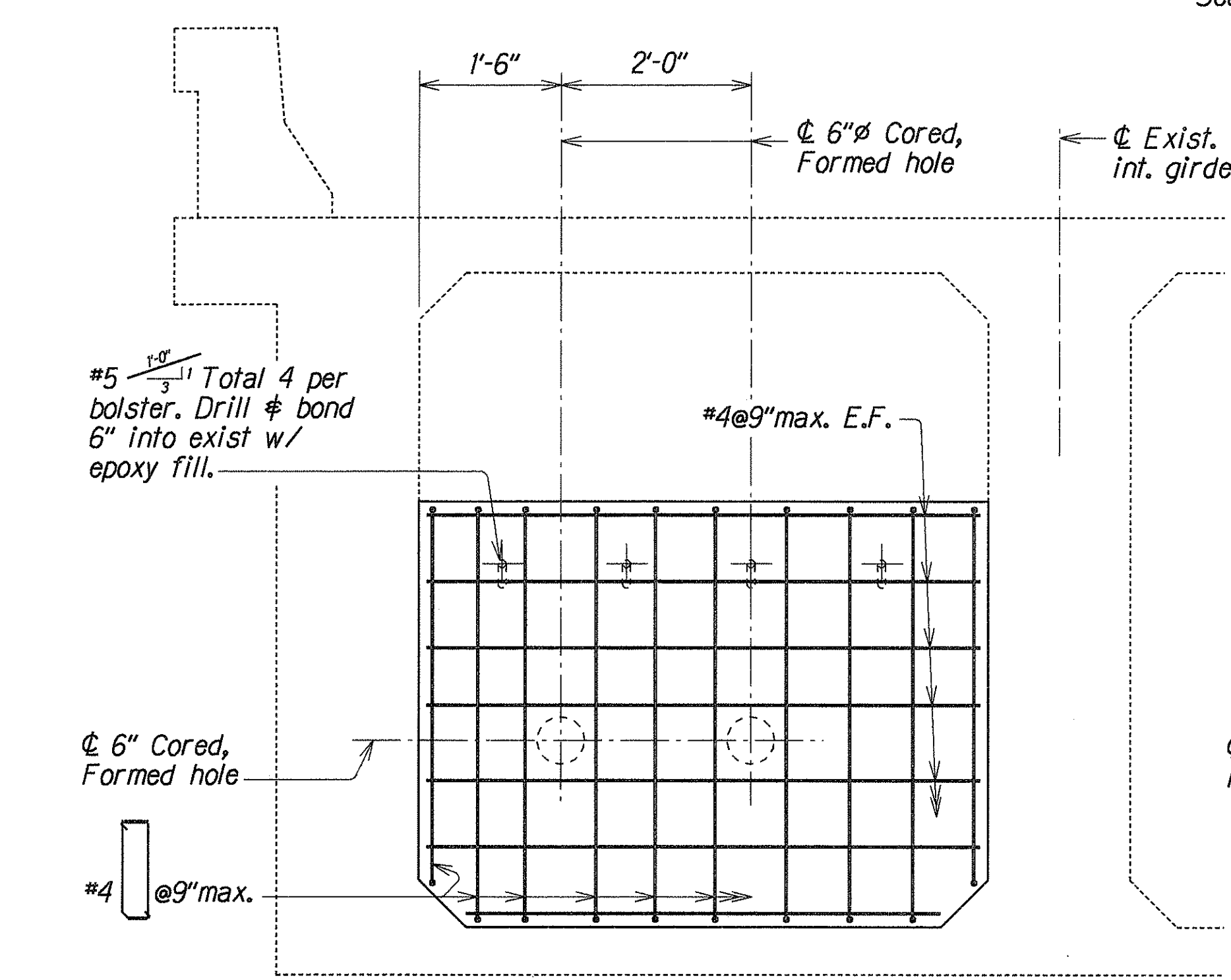
EXPANSION JOINT DETAILS

Scale: 3/4" = 1'-0"

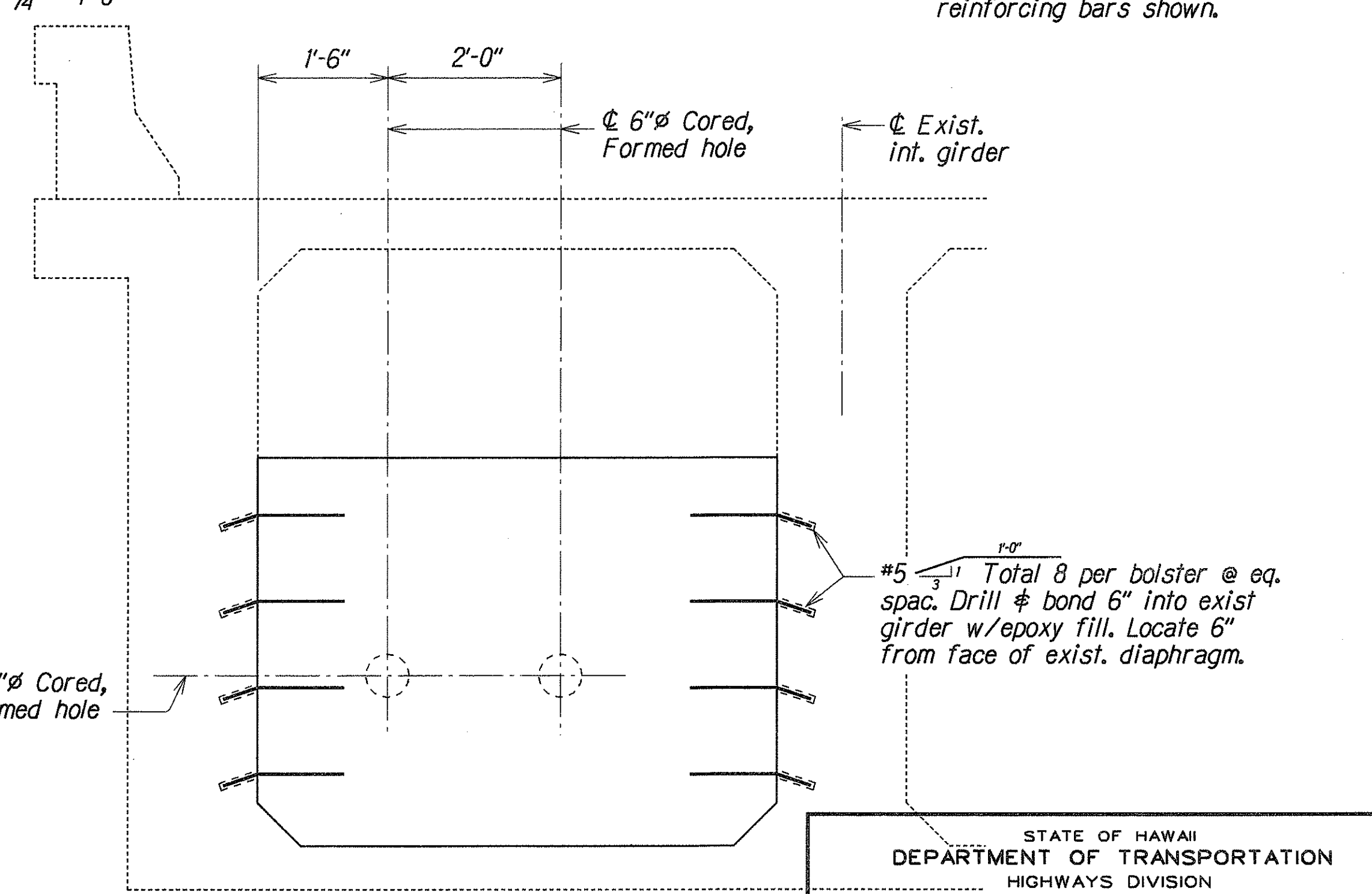
NOTE:
For clarity, not all reinforcing bars shown.



SECTION D
S6 S7



SECTION E
S7 S7



SECTION F
S7 S7

FIXED JOINT DETAILS

Scale: 3/4" = 1'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

LUNALILO-VINEYARD OFF-RAMP
EXPANSION JOINT and FIXED JOINT DETAILS
SEISMIC RETROFIT for LUNALILO-VINEYARD OFF-RAMP,
MAKIKI VIADUCT and PALAMA SEPARATION
Fed. Aid Proj. No. BR-HI-1(225)

Scale: As Noted
Date: Jul, 1999

ORIGINAL PLAN	DATE	BY
SURVEY PLOTTED BY	JUL 1999	KSG
DRAWN BY	JUL 1999	AHF
NOTED BY	JUL 1999	AHF
QUANTITIES BY	JUL 1999	DCO
CHECKED BY	JUL 1999	DCO