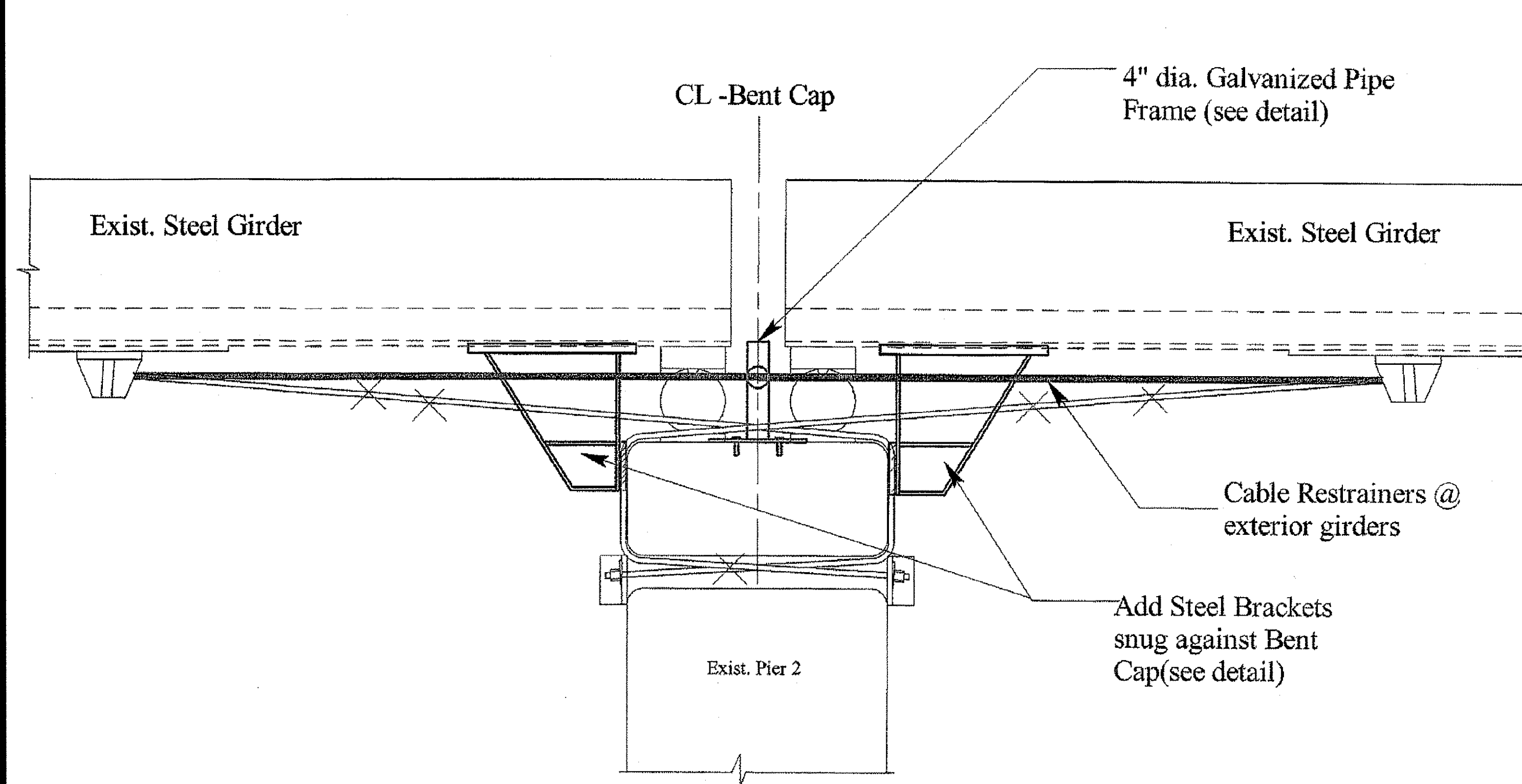
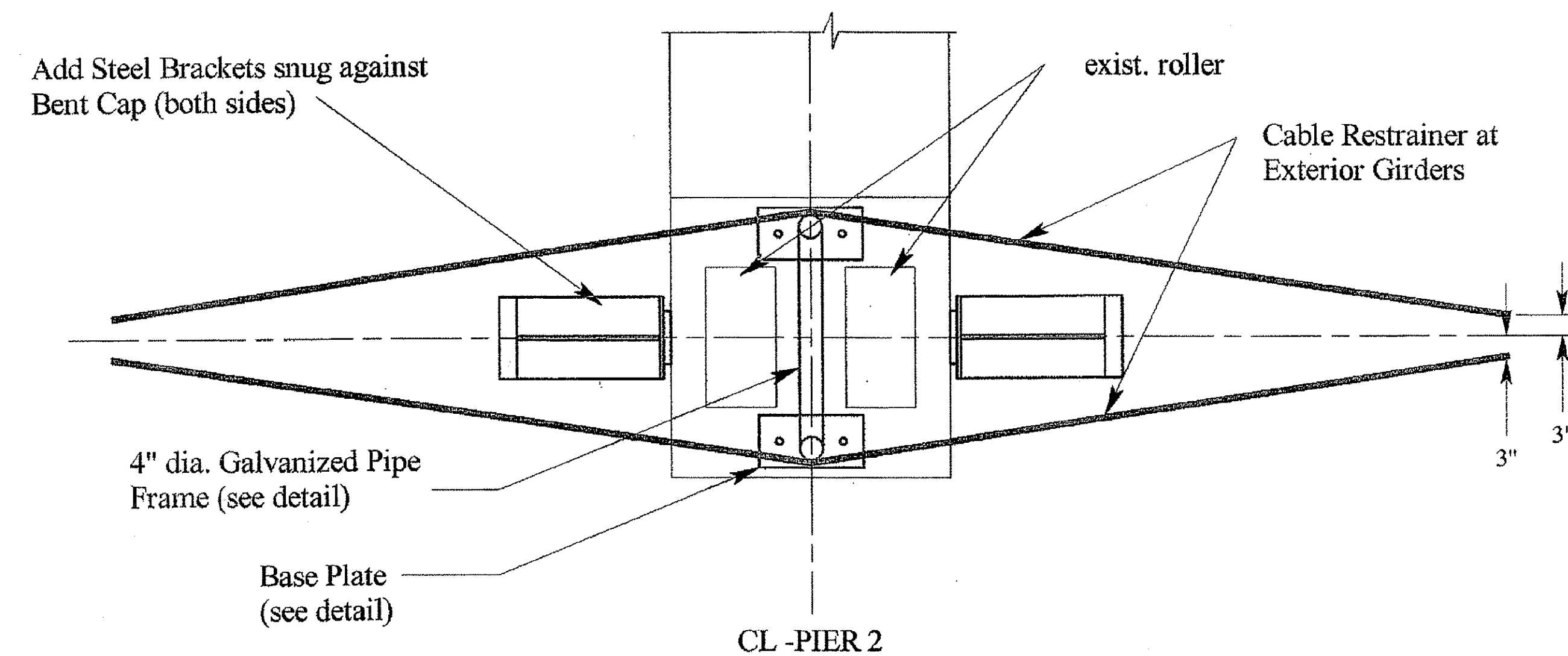


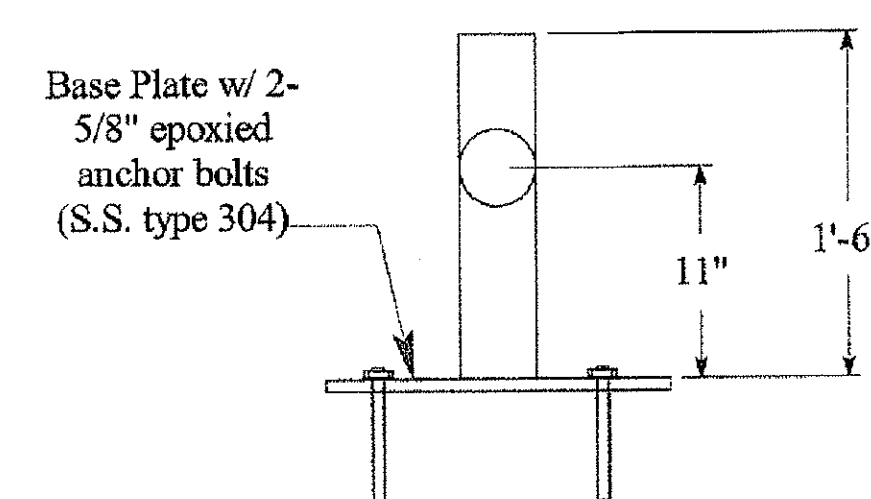
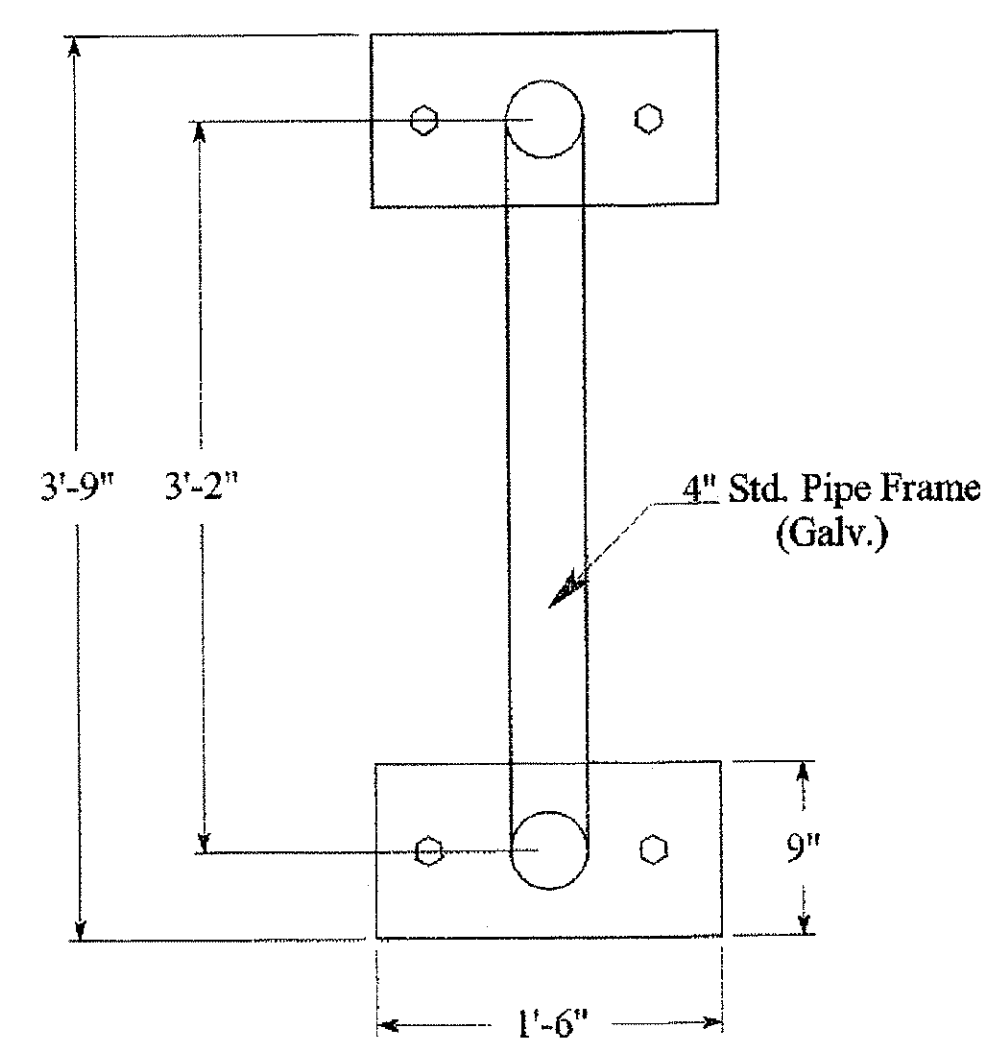
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-019-2(45)	1999	C.O. 16S-1	20



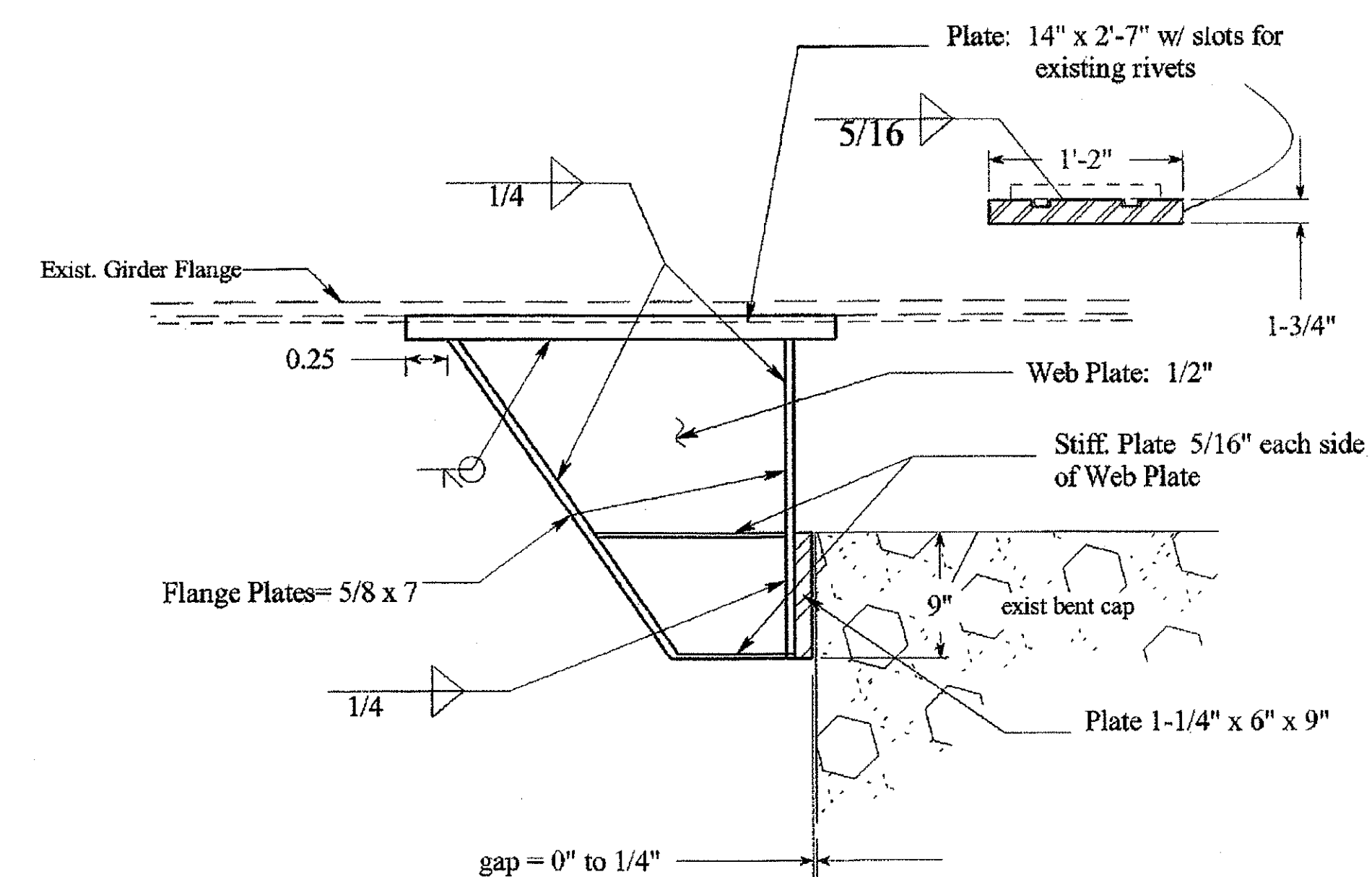
ELEVATION - PIER 2 (Exterior Girders)



Partial Plan - PIER 2 (Exterior Girders)



Galvanized Pipe Frame Detail



Steel Bracket Detail

DETAILS

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KUKAIAU BRIDGE - RETROFIT DETAILS

HAWAII BELT ROAD
Seismic Retrofit of Various Bridges
Vicinity of Ookala
Federal-Aid Project No. BR-019-2(45)
Scale: NTS Date: XX, 199X

SHEET No. S12S-1 OF 16 SHEETS

"AS-BUILT"

C.O. 16S-1

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	CHECKED BY	
	QUANTITIES BY	
	REVISIONS BY	

