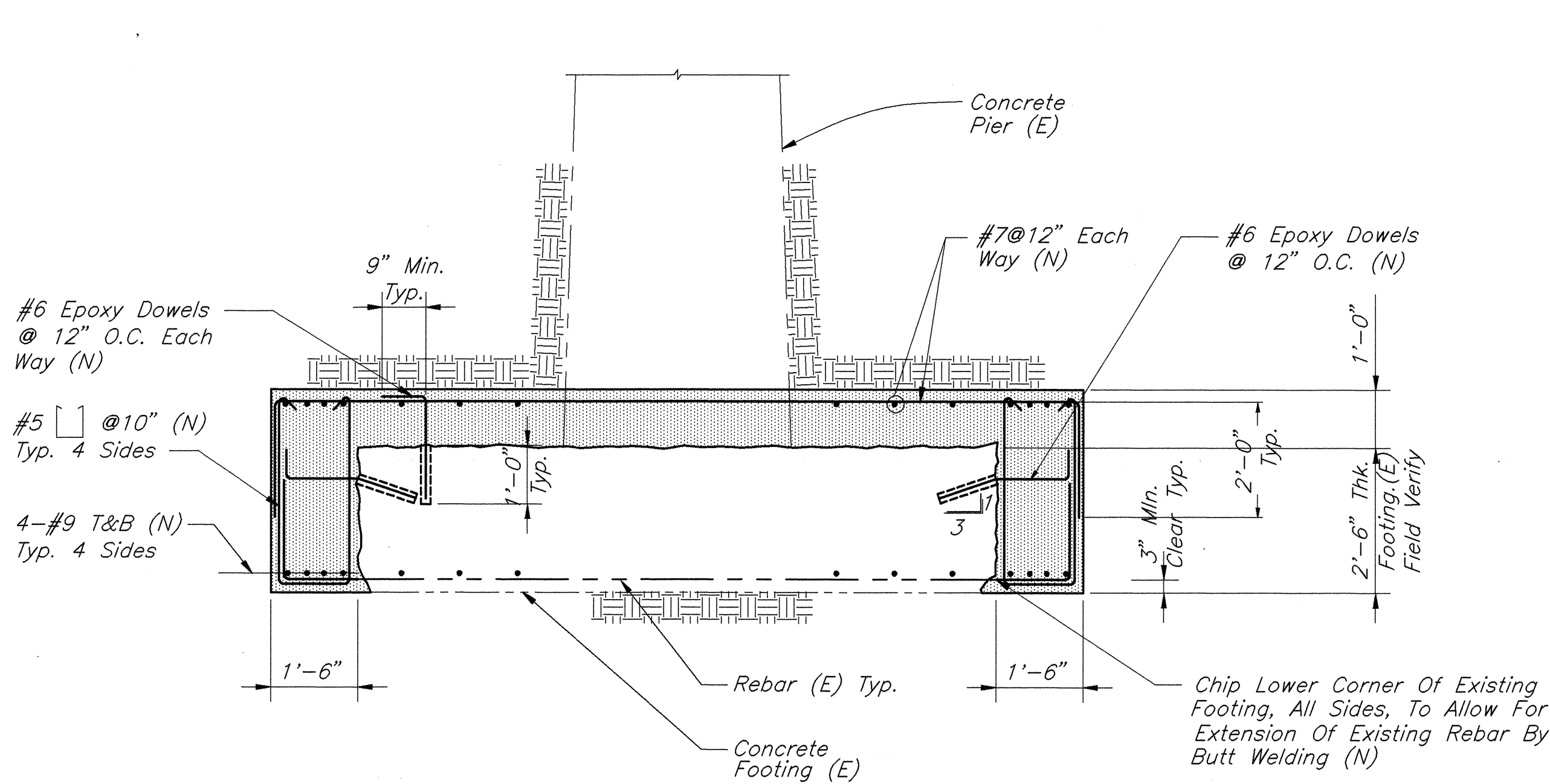


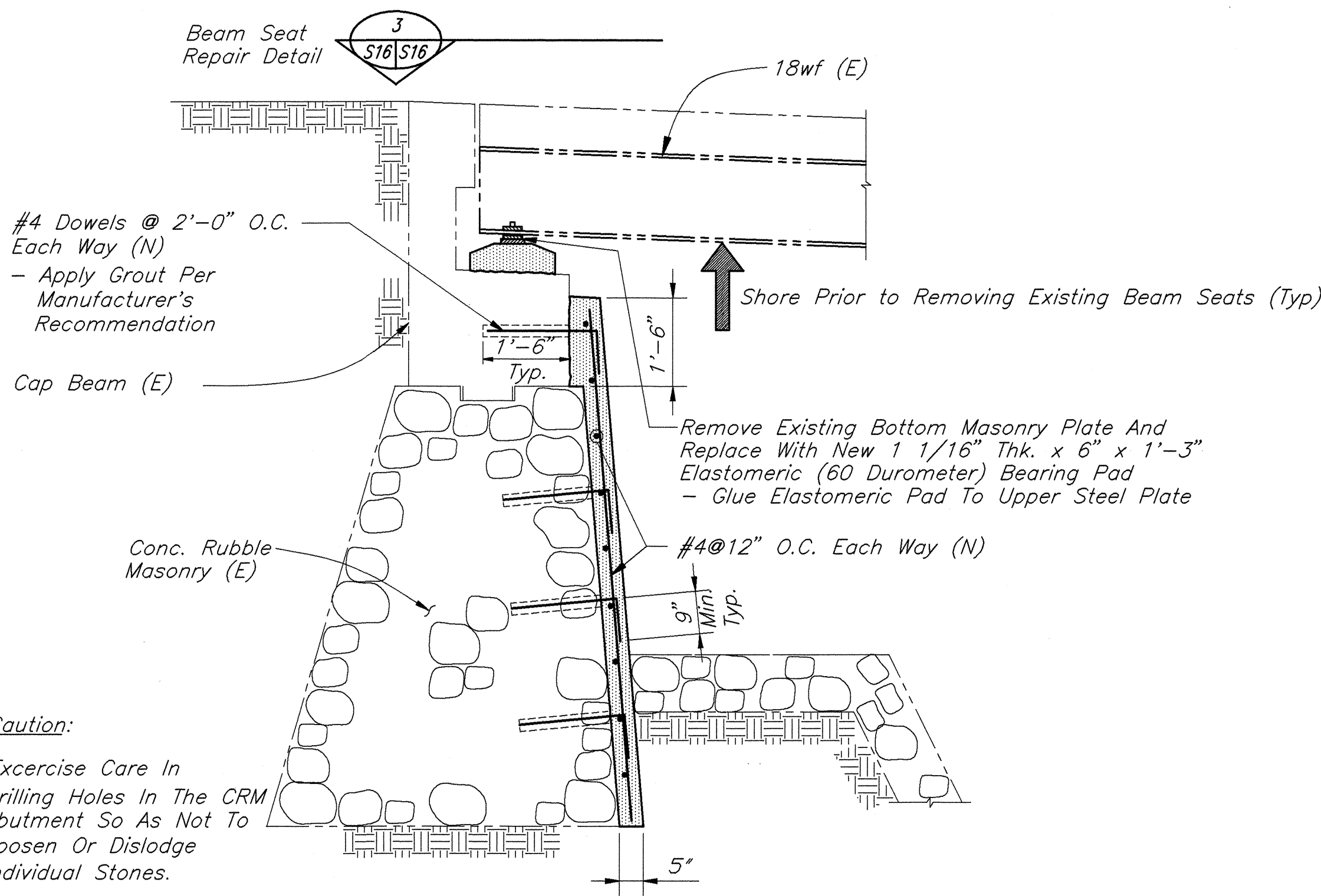
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-019-2(45)	1999	20	20



FOOTING STRENGTHENING SECTION

SCALE : 1/2"=1'-0"

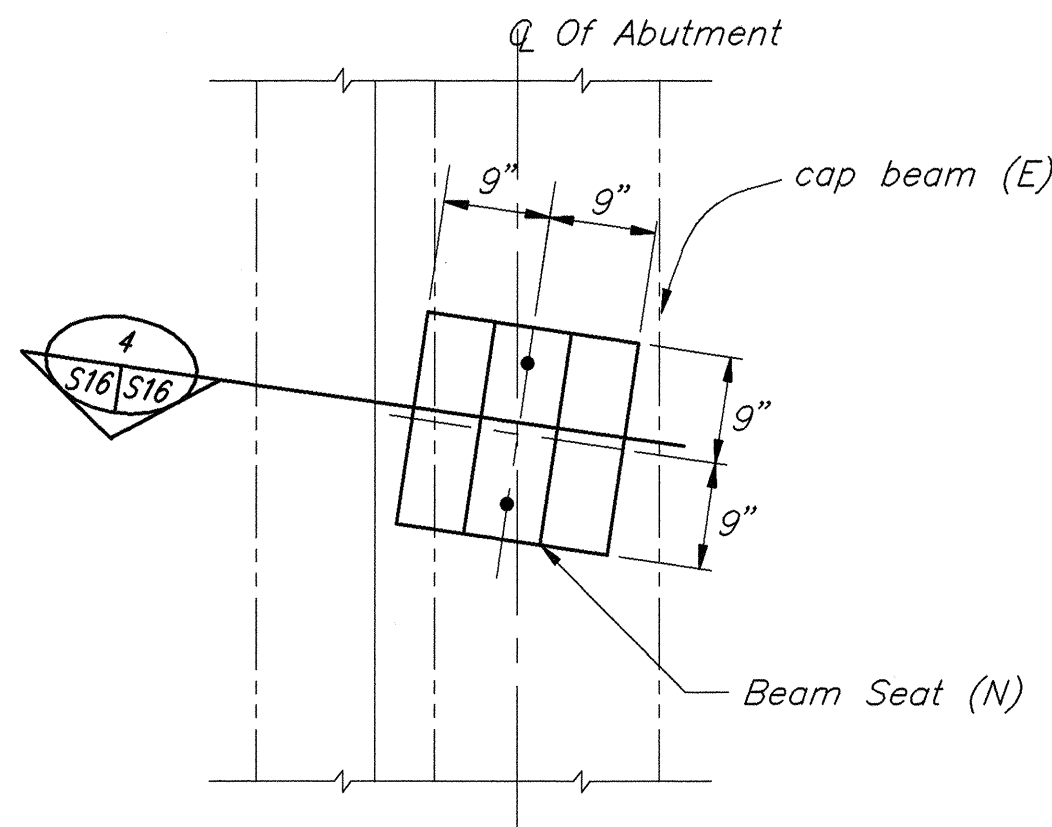
1
S14 S16



ABUTMENT RETROFIT

SCALE : 1/2"=1'-0"

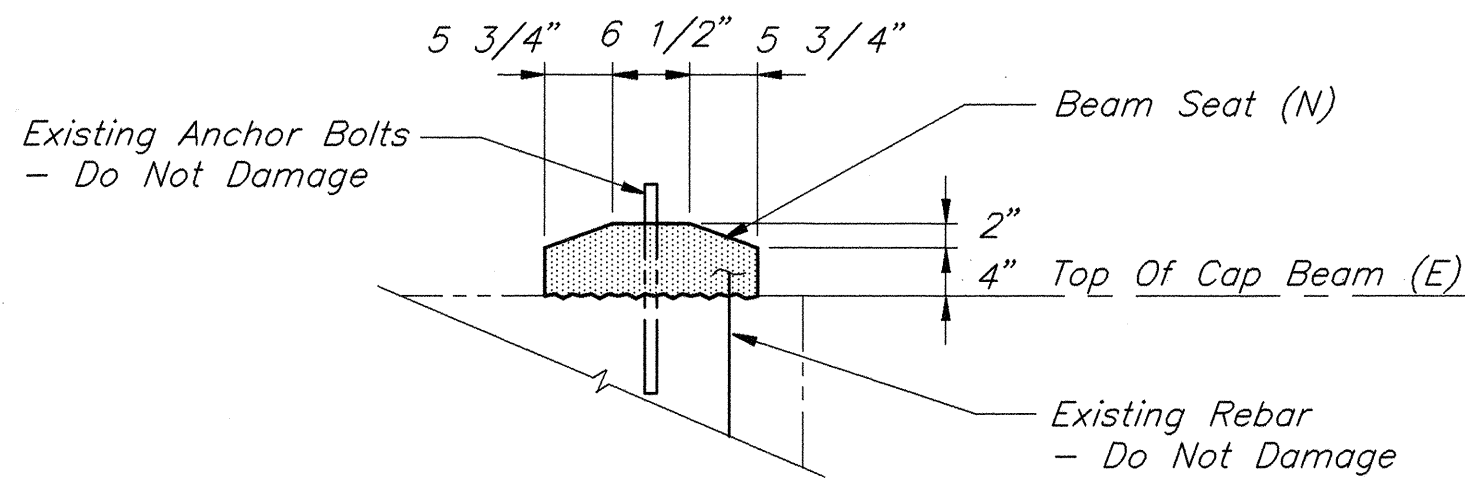
2
S14 S16



PLAN OF ABUTMENT BEAM SEAT

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

3
S16 S16



Note:

1. Chip And Remove Existing Concrete Beam Seats At Abutments Do Not Damage Existing Reinforcement Or Anchor Bolts. Form And Pour New Concrete Beam Seats. Shore As Required.
2. Size & Shape Of New Beam Seats To Be Consistent With Existing Seats. Contractor To Verify Field Conditions Prior To Construction.

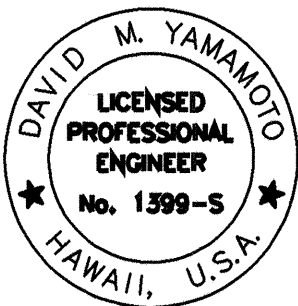
SECTION

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

4
S16 S16

(N) = New
(E) = existing

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	
No.	QUANTITIES BY	
	CHECKED BY	



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

OOKALA PLANTATION OVERPASS
RETROFIT DETAILS

HAWAII BELT ROAD, SEISMIC RETROFIT OF VARIOUS BRIDGES,
VICINITY OF OOKALA
FEDERAL AID PROJECT NO. BR-019-2(45)
SCALE: AS NOTED
DATE: AUGUST 1998

SHEET No. S16 OF 16 SHEETS