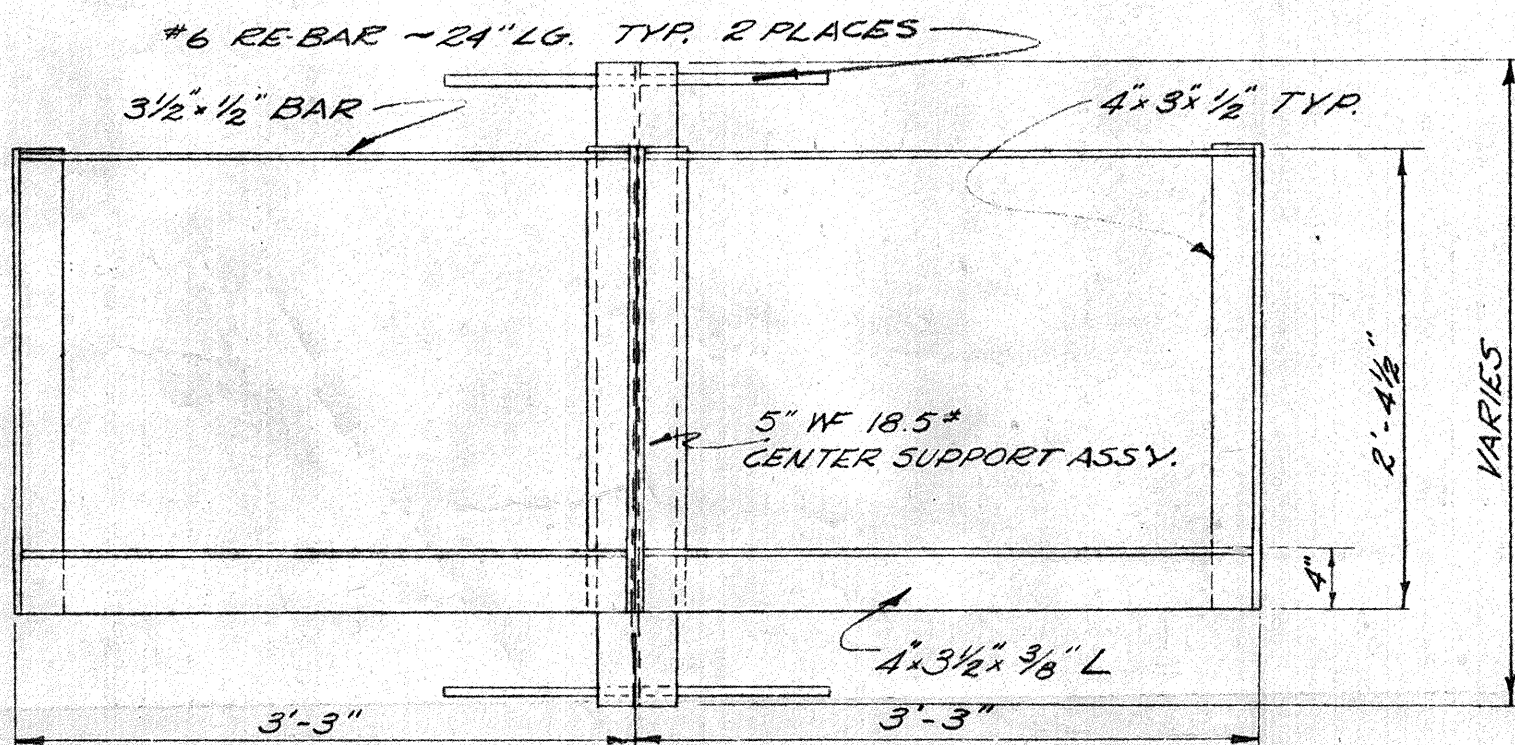
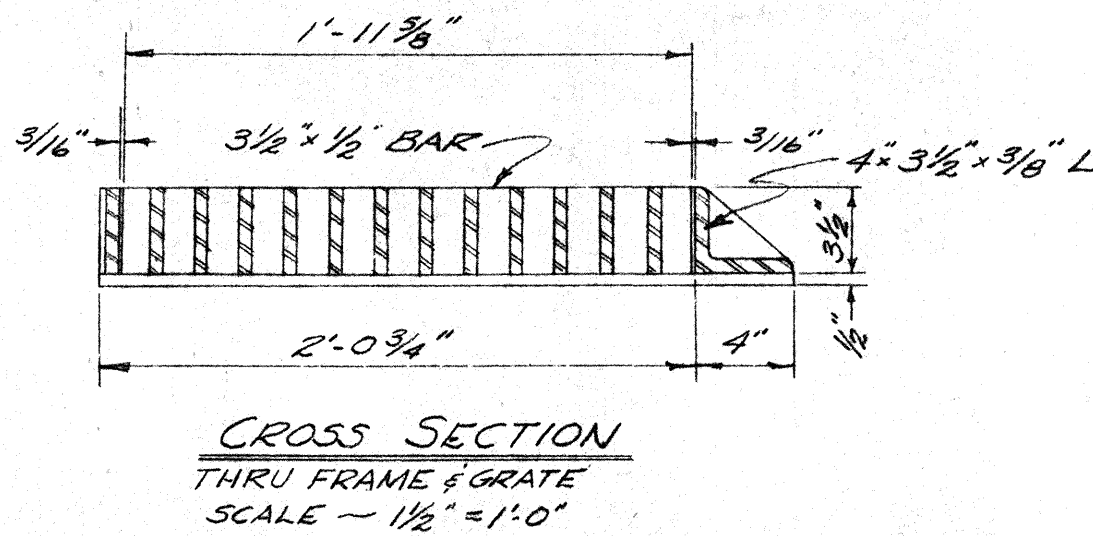
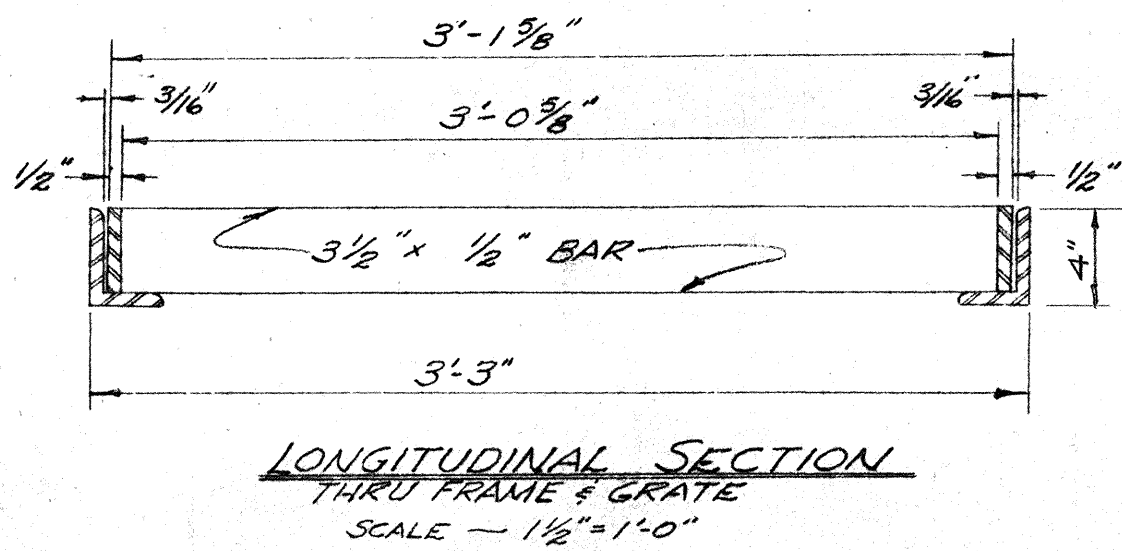
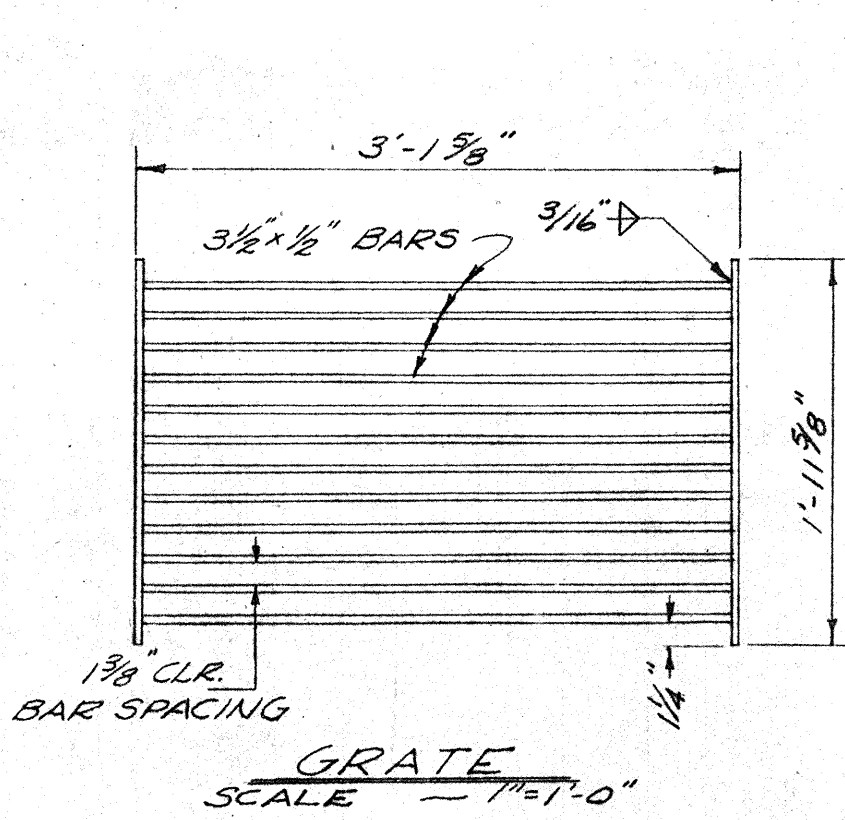
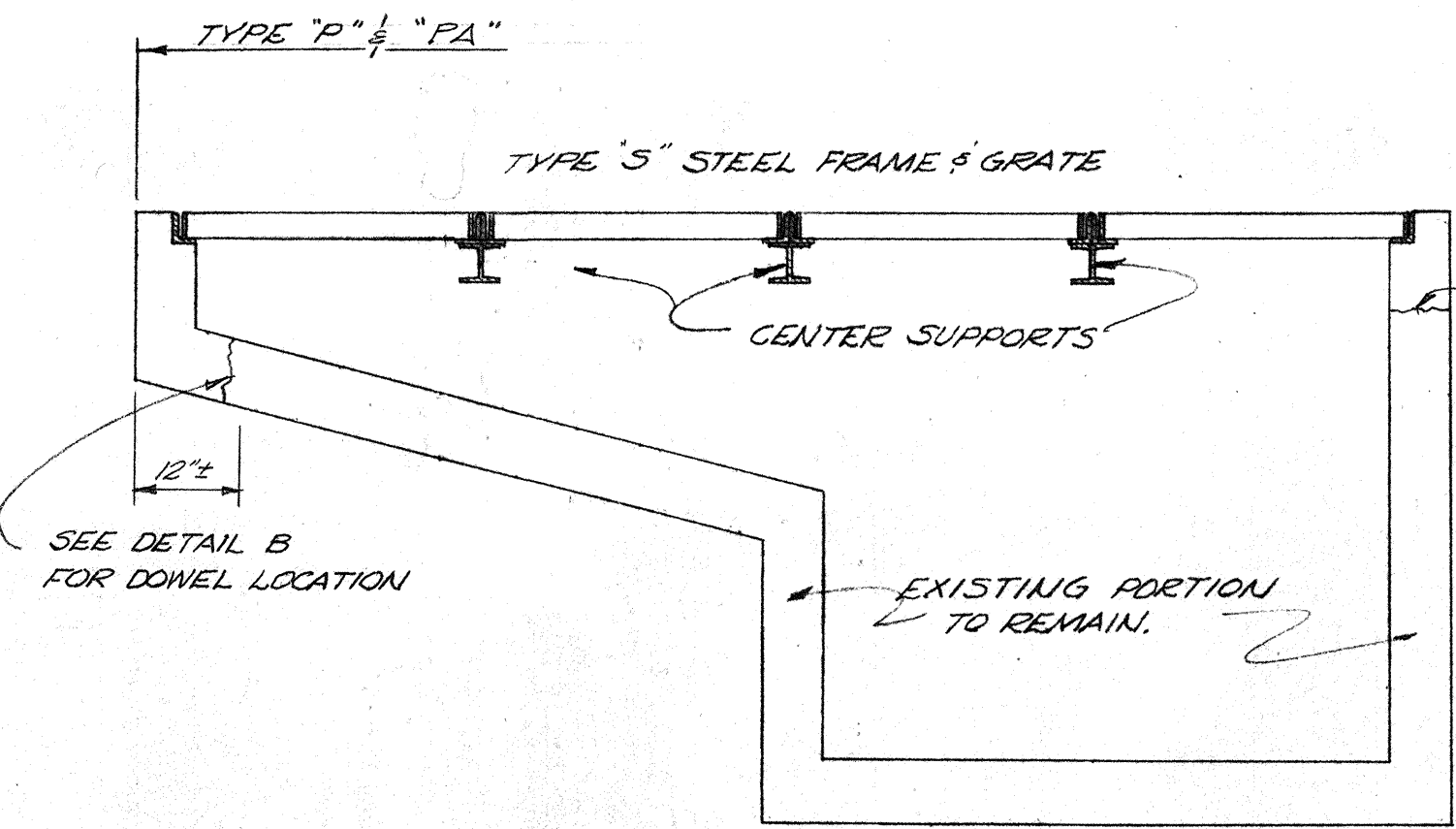
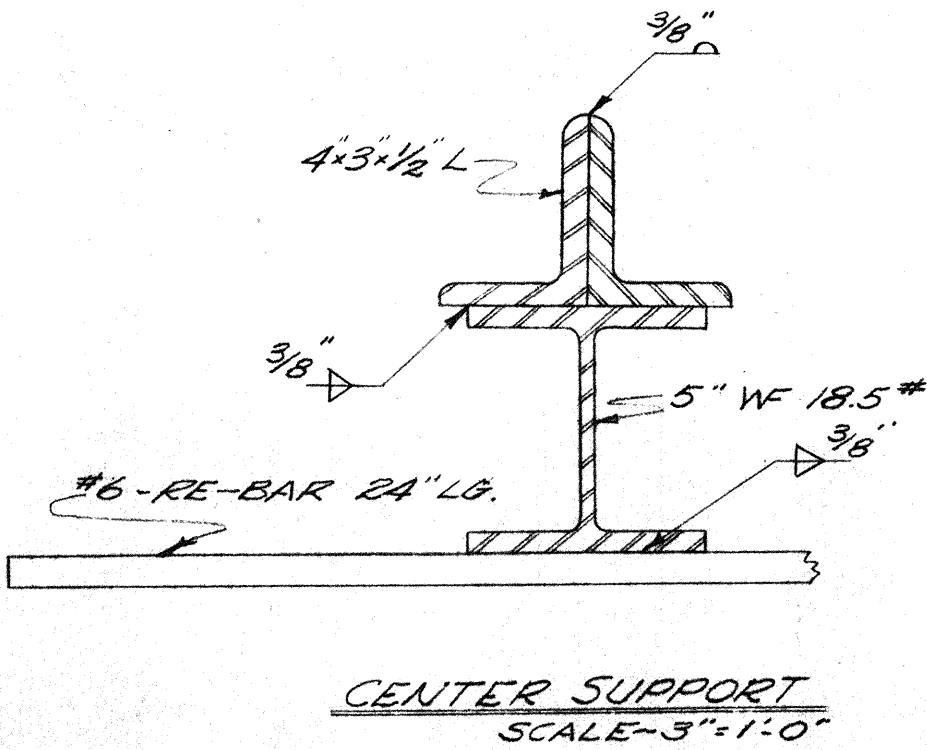


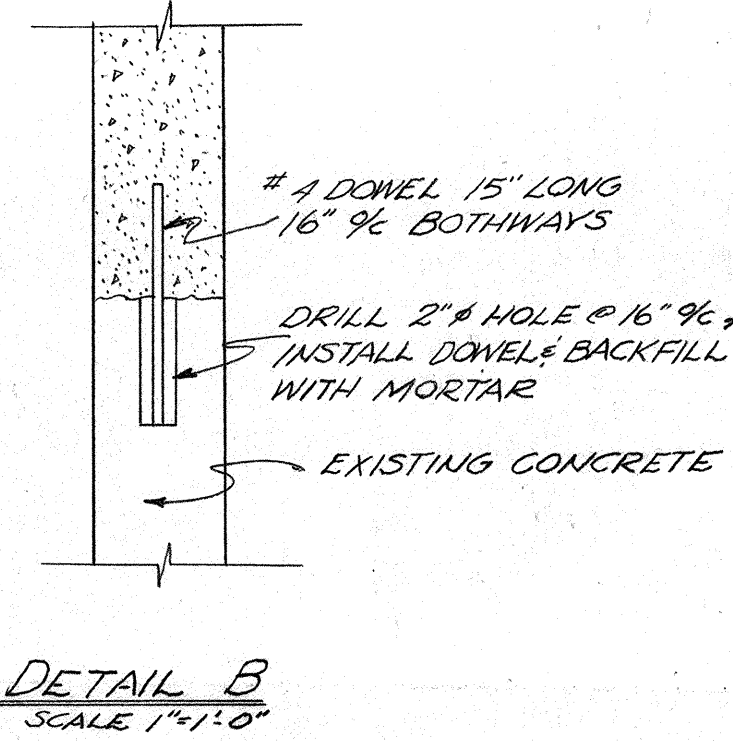
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-063-1(9)	1969	6	15



TYPE "S" FRAME

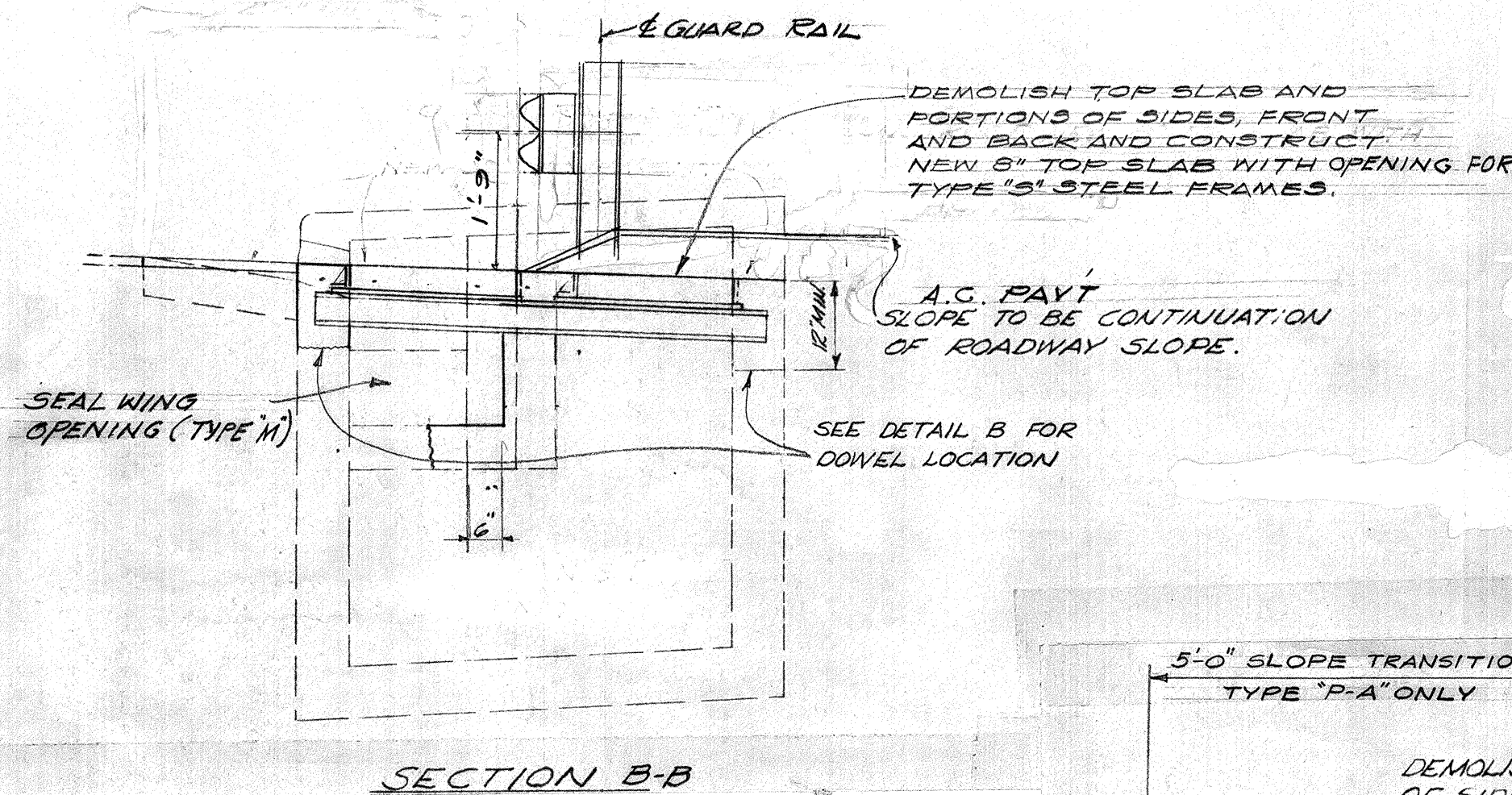


SECTION A-A

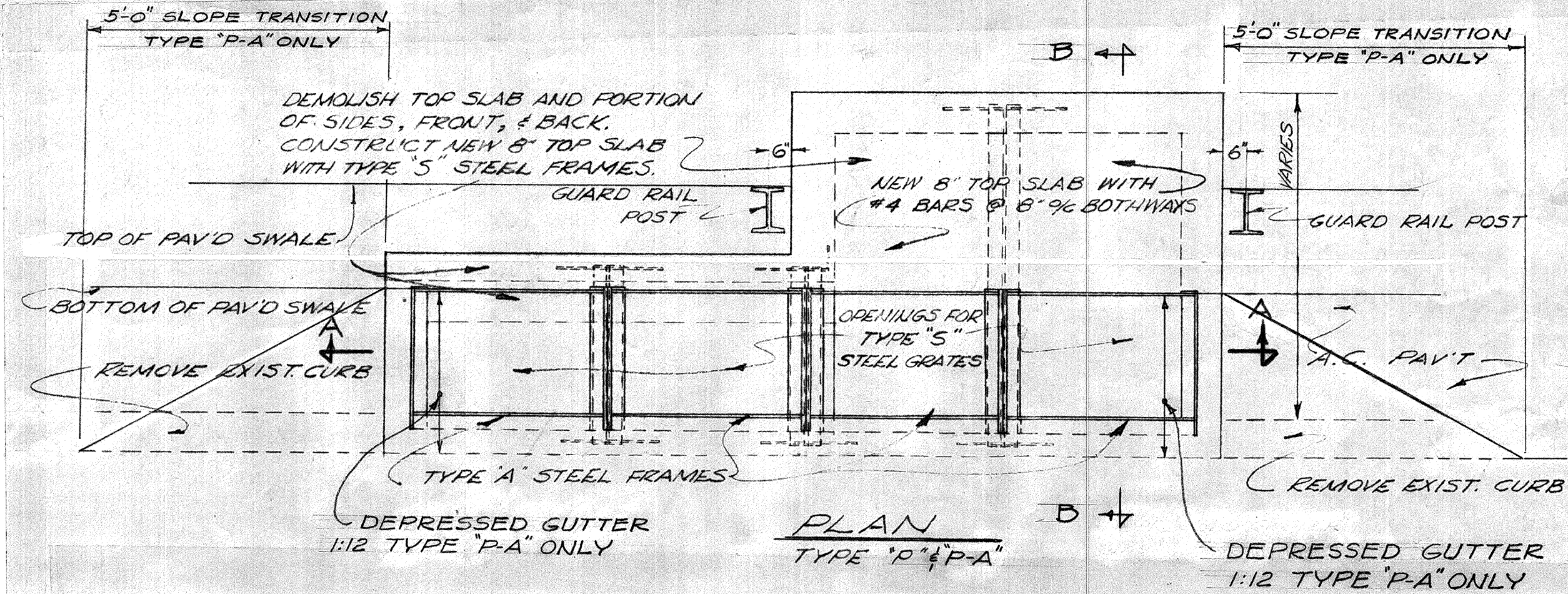


DETAIL B
SCALE 1"=1'-0"

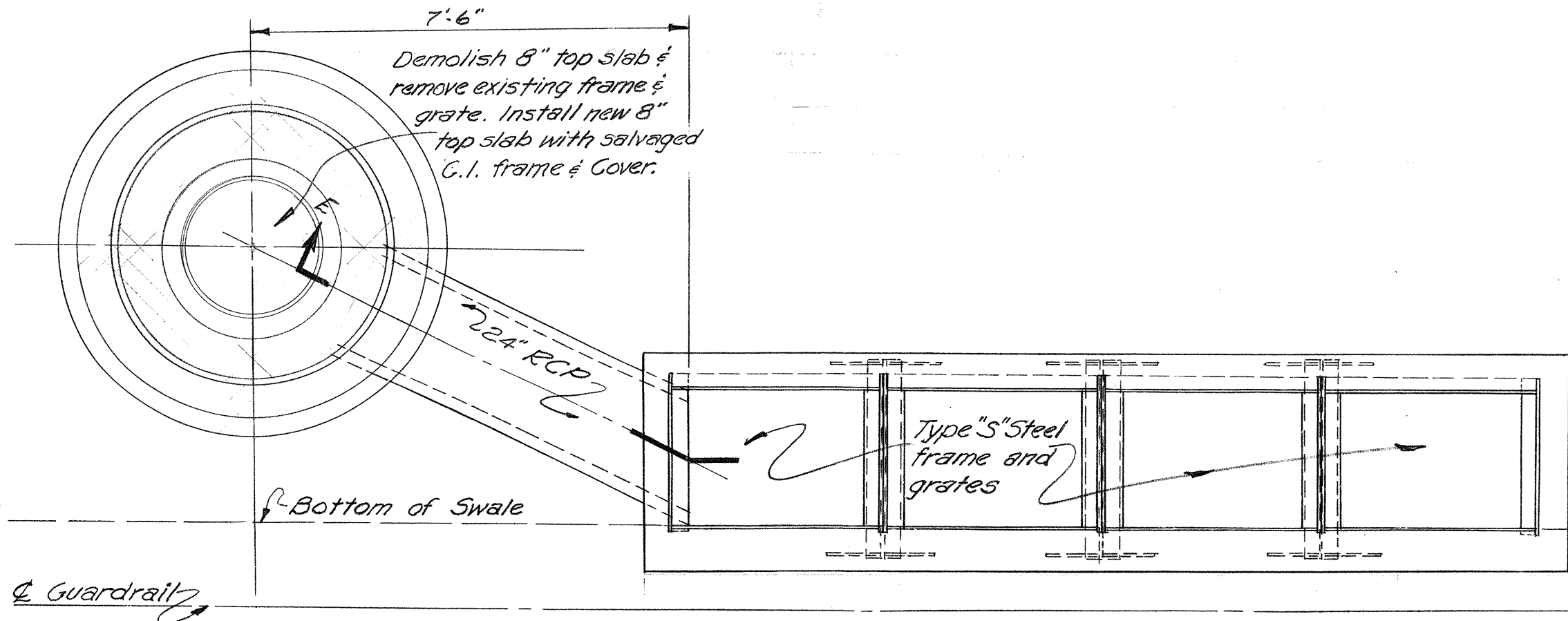
- NOTE:
1. ALL WELDS 3/8" UNLESS OTHERWISE NOTED.
 2. ALL STEEL SHALL BE STRUCTURAL GRADE.
 3. GRATE AND FRAME SHALL BE HOT DIP GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH SECTION 44 (H) OF THE STANDARD SPECIFICATIONS.
 4. CENTER SUPPORT ASSEMBLY SHALL BE USED WHEN TWO OR MORE GRATINGS ARE SPECIFIED.
 5. CENTER SUPPORT ASSEMBLY SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCIDENTAL TO TYPE "S" STEEL FRAME AND GRATE.
 6. SALVAGED C.I. FRAME AND COVERS SHALL BE CLEANED AND RETURNED TO 721 KELIKOI STREET.



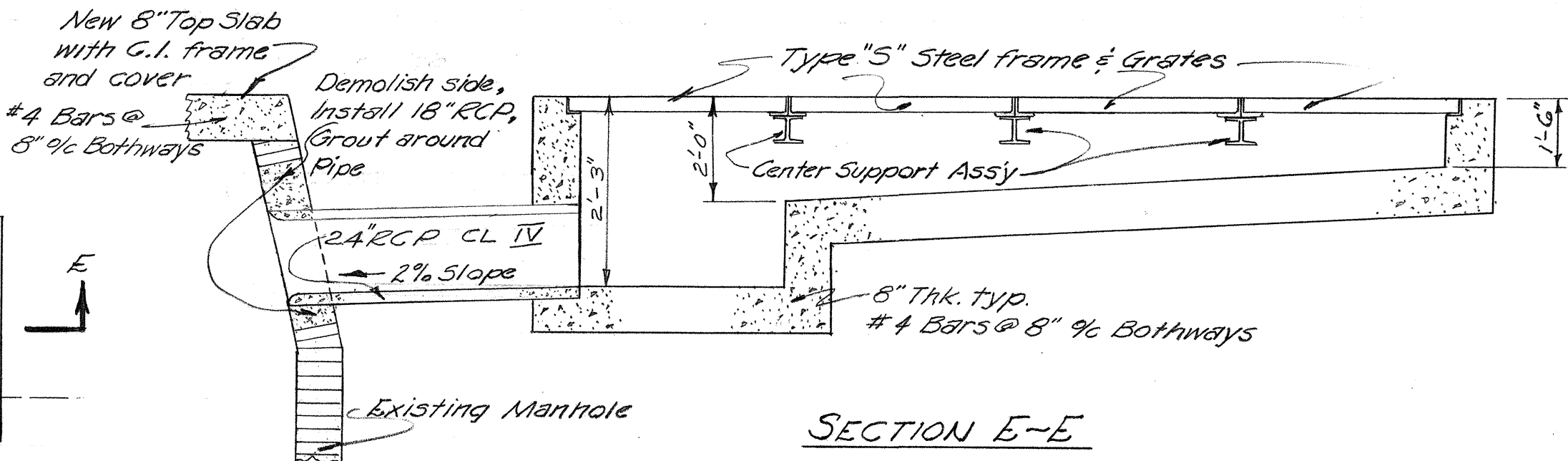
SECTION B-B



PLAN
TYPE "P-A"



PLAN VIEW ~ CATCH BASIN @ STA. 115+15
SCALE ~ 1 1/2" = 1'-0"



SECTION E-E

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CATCH BASIN
RECONSTRUCTION DETAILS

INSTALLATIONS OF MEDIAN
GUARD RAIL ON LIKELIKE
F.A. PROJ. NO. F-063-1(9)

Scale: As Noted

SHEET No. 1 OF 1 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NO.	