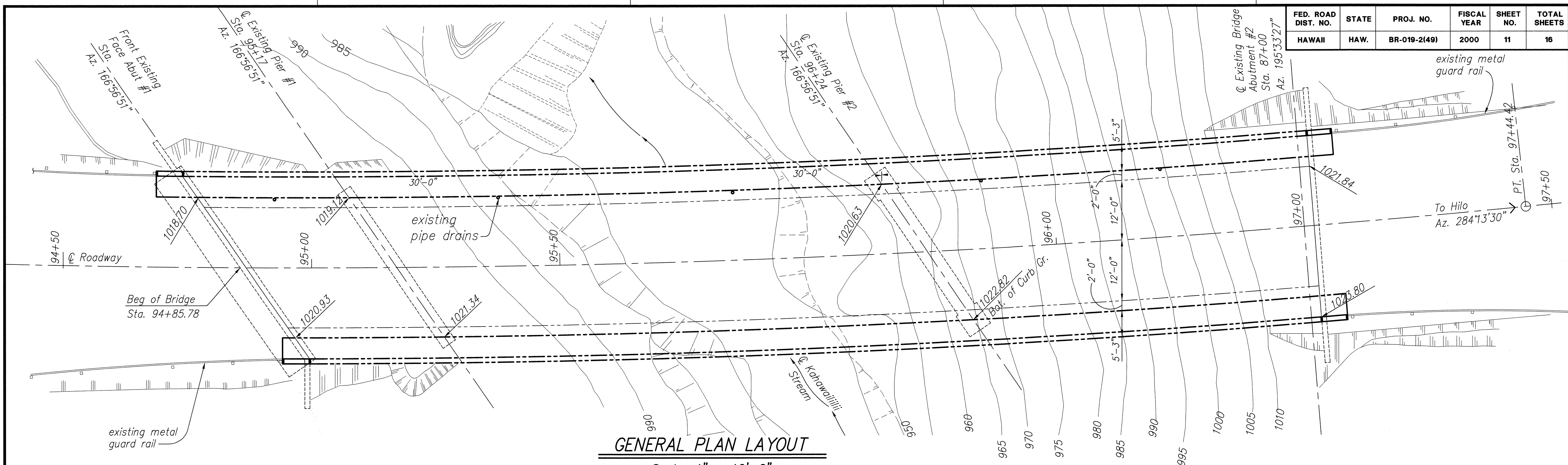
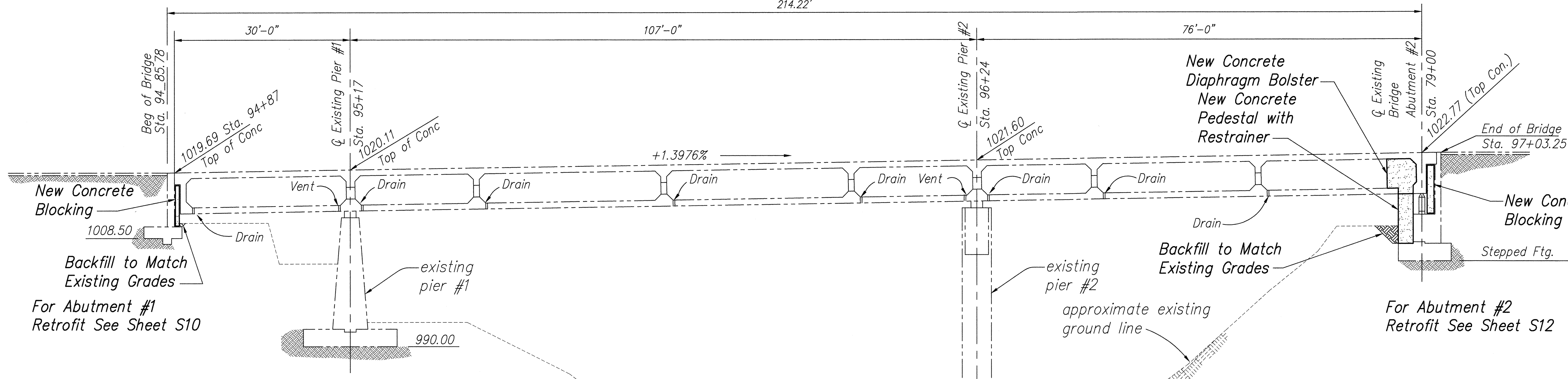


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-019-2(49)	2000	11	16



GENERAL PLAN LAYOUT

Scale: 1" = 10'-0"

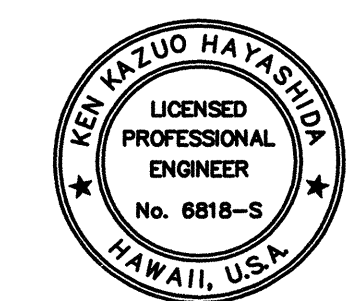


LONGITUDINAL SECTION

Scale: 1" = 10'-0"

Estimated Quantities for Kahawaililii Bridge

Item No.	Item	Approx Quantity
206.0100B	Structure Excavation	25 Cy
206.0200B	Structure Backfill	20 Cy
501.0200B	Structural Steel	2900 Lbs
503.1090B	Concrete in Bridge Superstructure Retrofit, including Bolsters and Pedestals	50 Cy
503.1092B	Abutment Concrete Blocking	40 Cy
602.0090B	Reinforcing Steel in Bridge Retrofit, including Bolsters and Pedestals	5,000 Lbs



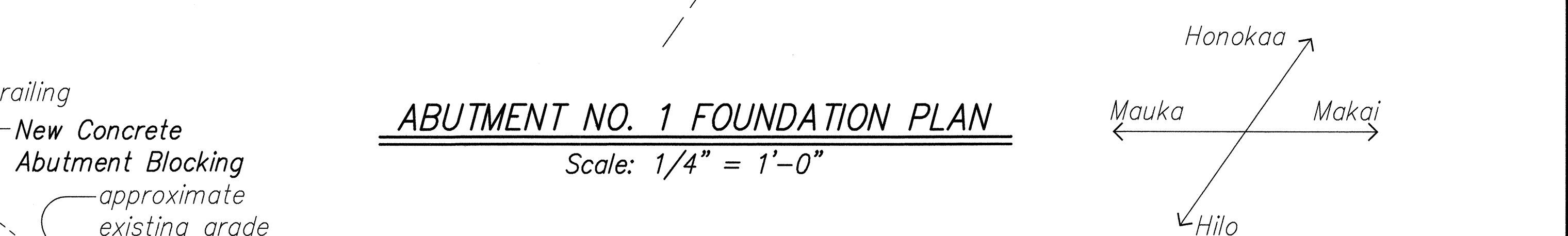
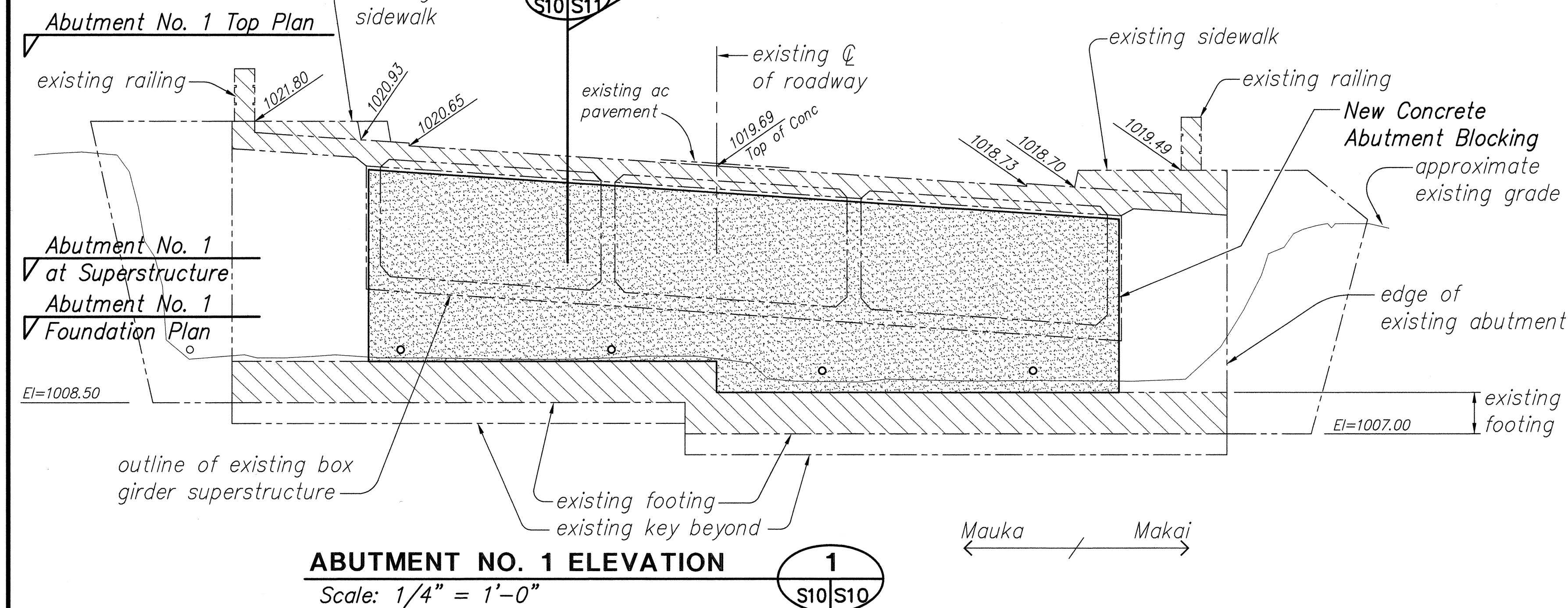
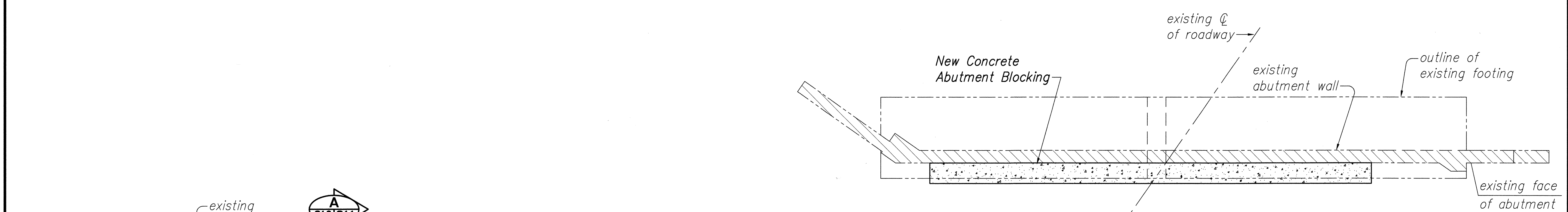
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KAHAWAILILII BRIDGE
GENERAL PLAN LAYOUT AND
LONGITUDINAL SECTION
SEISMIC RETROFIT OF VARIOUS BRIDGES
VICINITY OF SOUTH OF HONOKAA
FEDERAL AID PROJECT NO. BR-019-2(49)

SCALE: AS NOTED DATE: October 1999
SHEET No. S9 OF 16 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NOTE BOOK	
NO.	

existing expansion joint ← existing C 1" Polystyrene → existing C of roadway →



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



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KAHAWAILIILI BRIDGE

ABUTMENT NO. 1 -

PLANS AND ELEVATION

SEISMIC RETROFIT OF VARIOUS BRIDGES

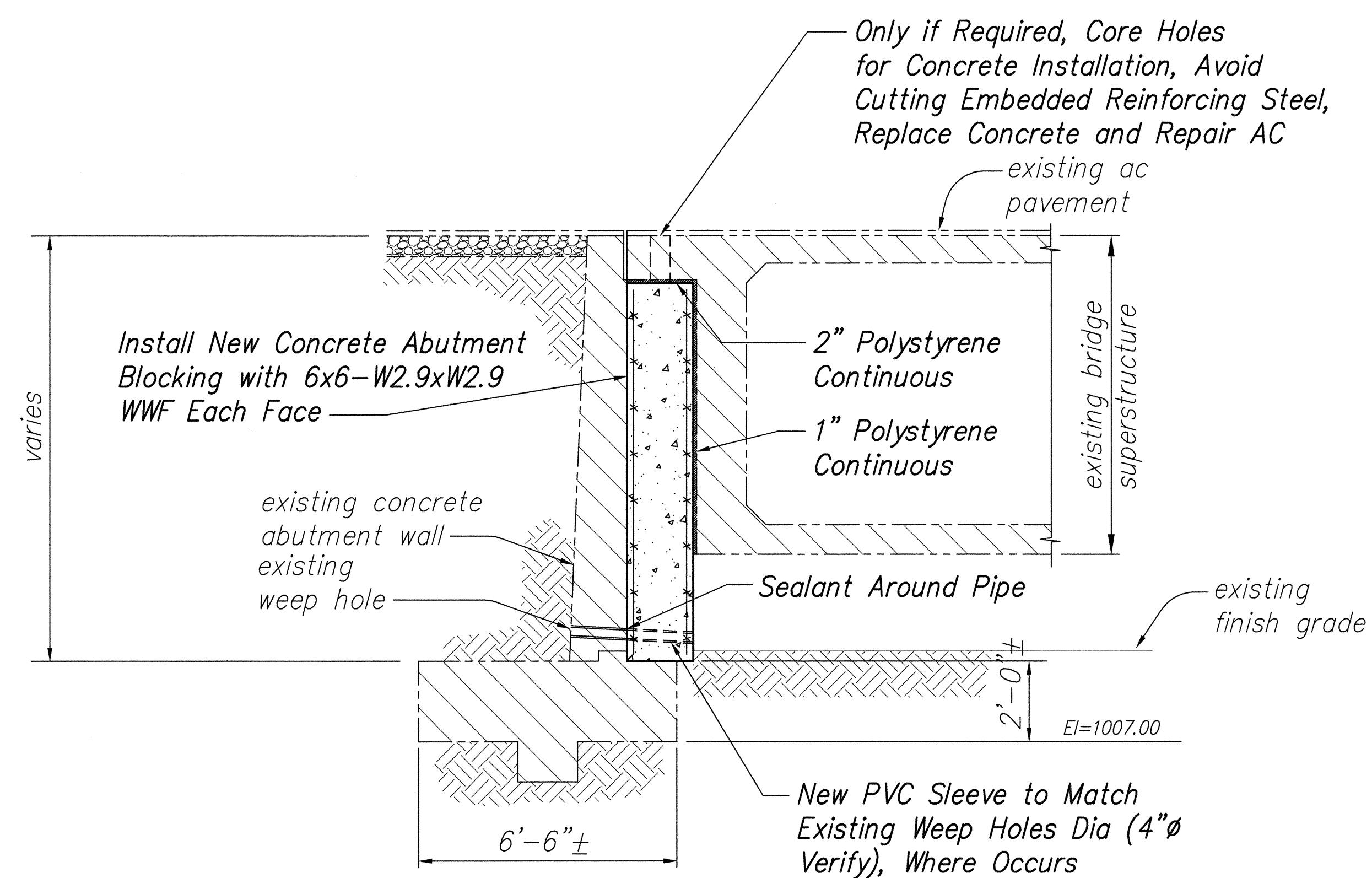
VICINITY OF SOUTH OF HONOKAA

FEDERAL AID PROJECT NO. BR-019-2(49)

SCALE: AS NOTED DATE: October 1999

SHEET No. S10 OF 16 SHEETS

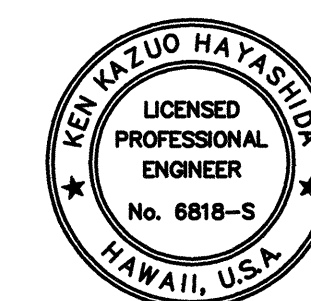
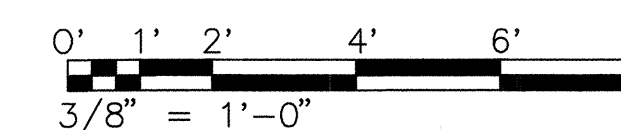
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-019-2(49)	2000	13	16



SECTION
Scale 3/8" = 1'-0"

A
S10 | S11

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



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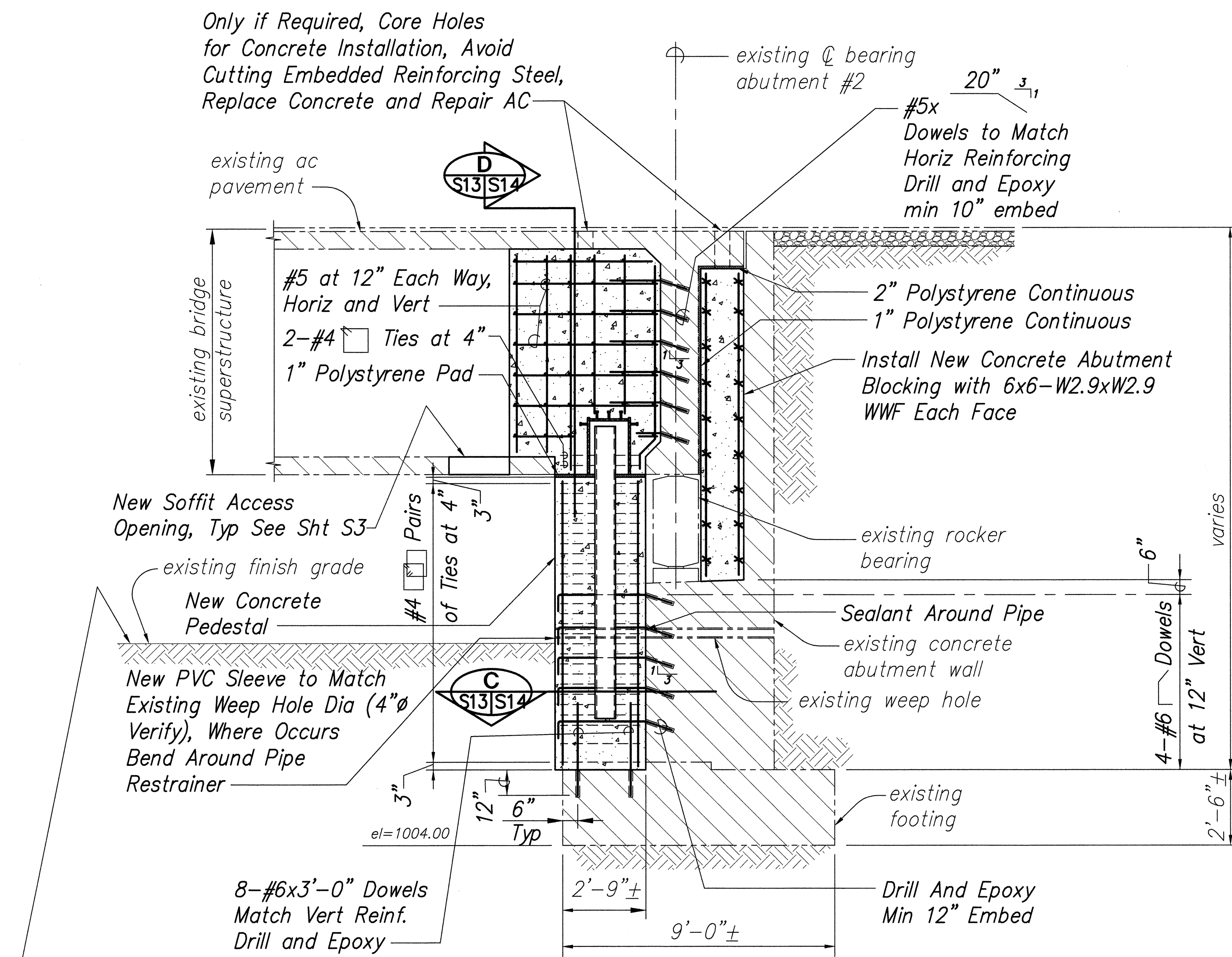
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KAHAWAILILII BRIDGE
ABUTMENT NO. 1 -
SECTION AND DETAILS
SEISMIC RETROFIT OF VARIOUS BRIDGES
VICINITY OF SOUTH OF HONOKAA
FEDERAL AID PROJECT NO. BR-019-2(49)

SCALE: AS NOTED
DATE: October 1999

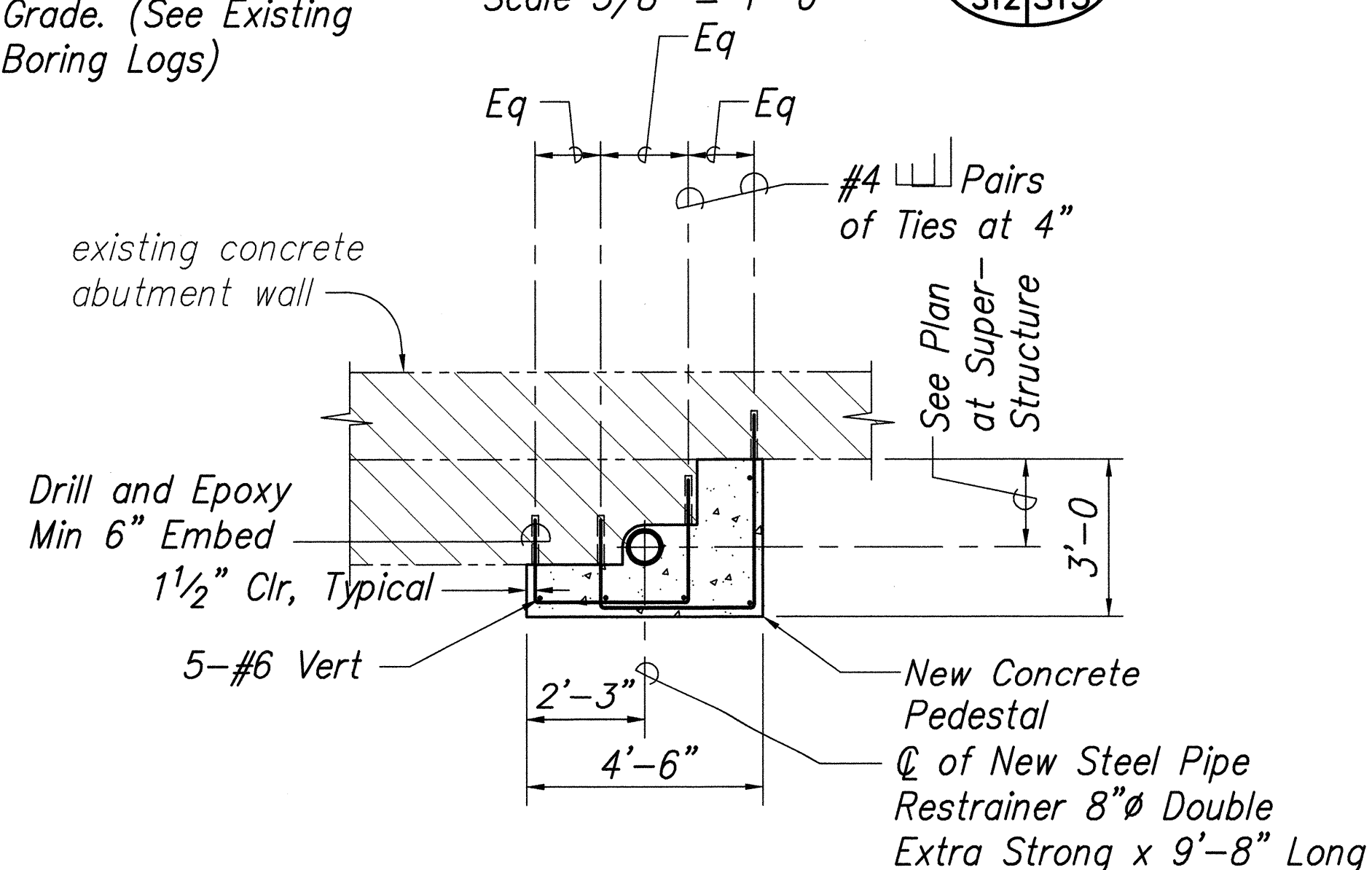
SHEET No. S11 OF 16 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-019-2(49)	2000	15	16

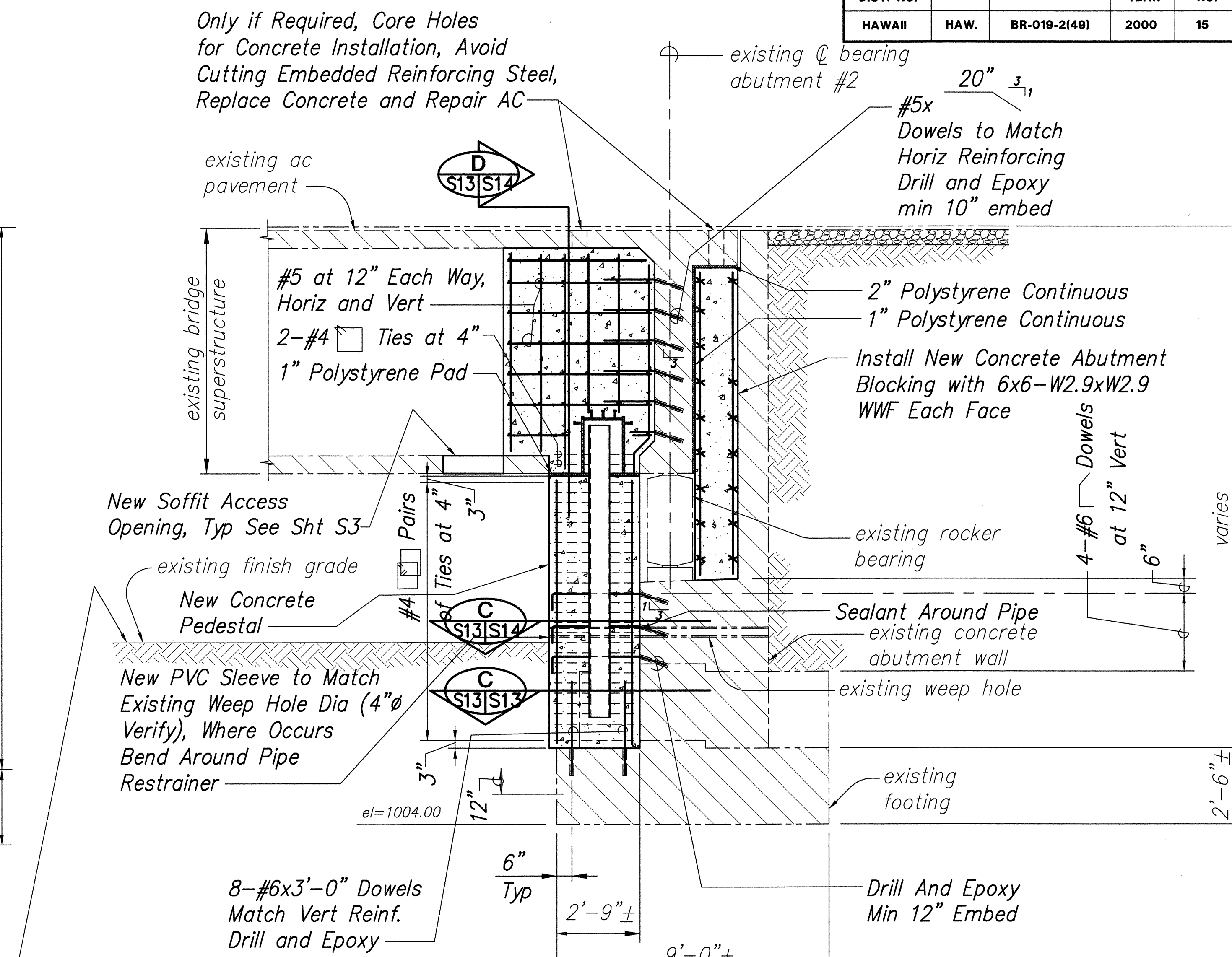


Excavate as Required to Safely Install New Concrete Pedestals. Backfill to Match Existing Grade. (See Existing Drawing Boring Logs)

SECTION A
Scale $\frac{3}{8}" = 1'-0"$
S12|S13

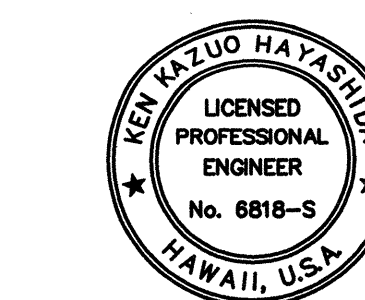
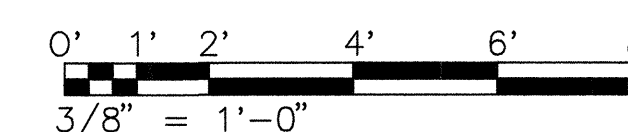


SECTION C
Scale $\frac{3}{8}" = 1'-0"$
S13|S13



Excavate as Required to Safely Install New Concrete Pedestals. Backfill to Match Existing Grade. (See Existing Drawing Boring Logs)

SECTION B
Scale $\frac{3}{8}" = 1'-0"$
S12|S13



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KAHAWAILIILI BRIDGE

ABUTMENT NO. 2 -

SECTION AND DETAILS

SEISMIC RETROFIT OF VARIOUS BRIDGES

VICINITY OF SOUTH OF HONOKAA

FEDERAL AID PROJECT NO. BR-019-2(49)

SCALE: AS NOTED DATE: October 1999

SHEET No. S13 OF 16 SHEETS

