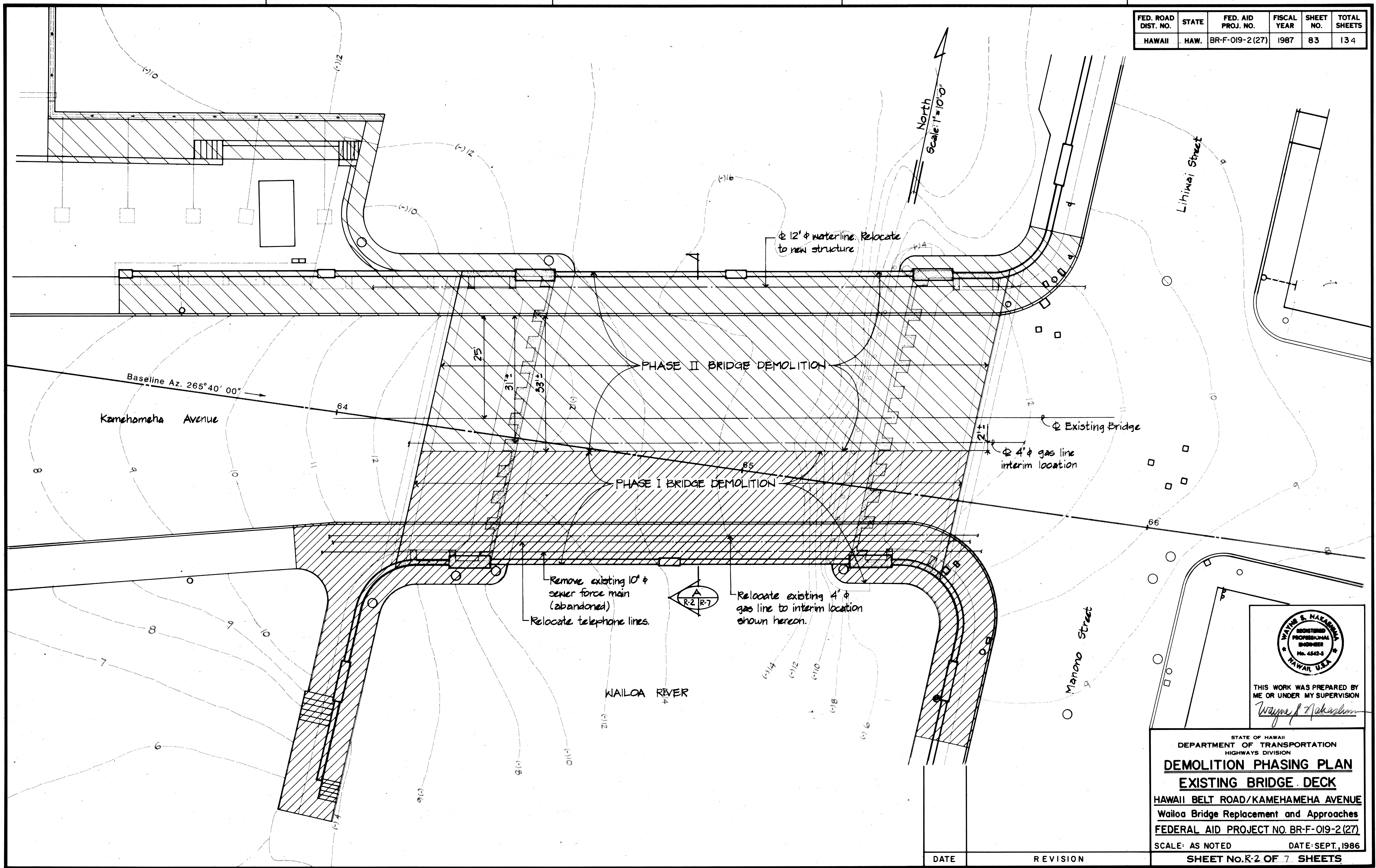
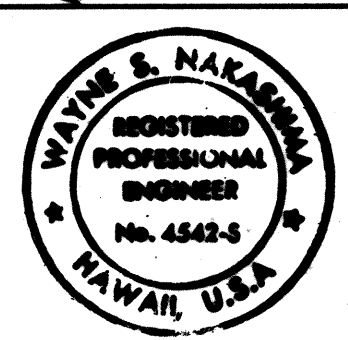


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-F-019-2 (27)	1987	83	134



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

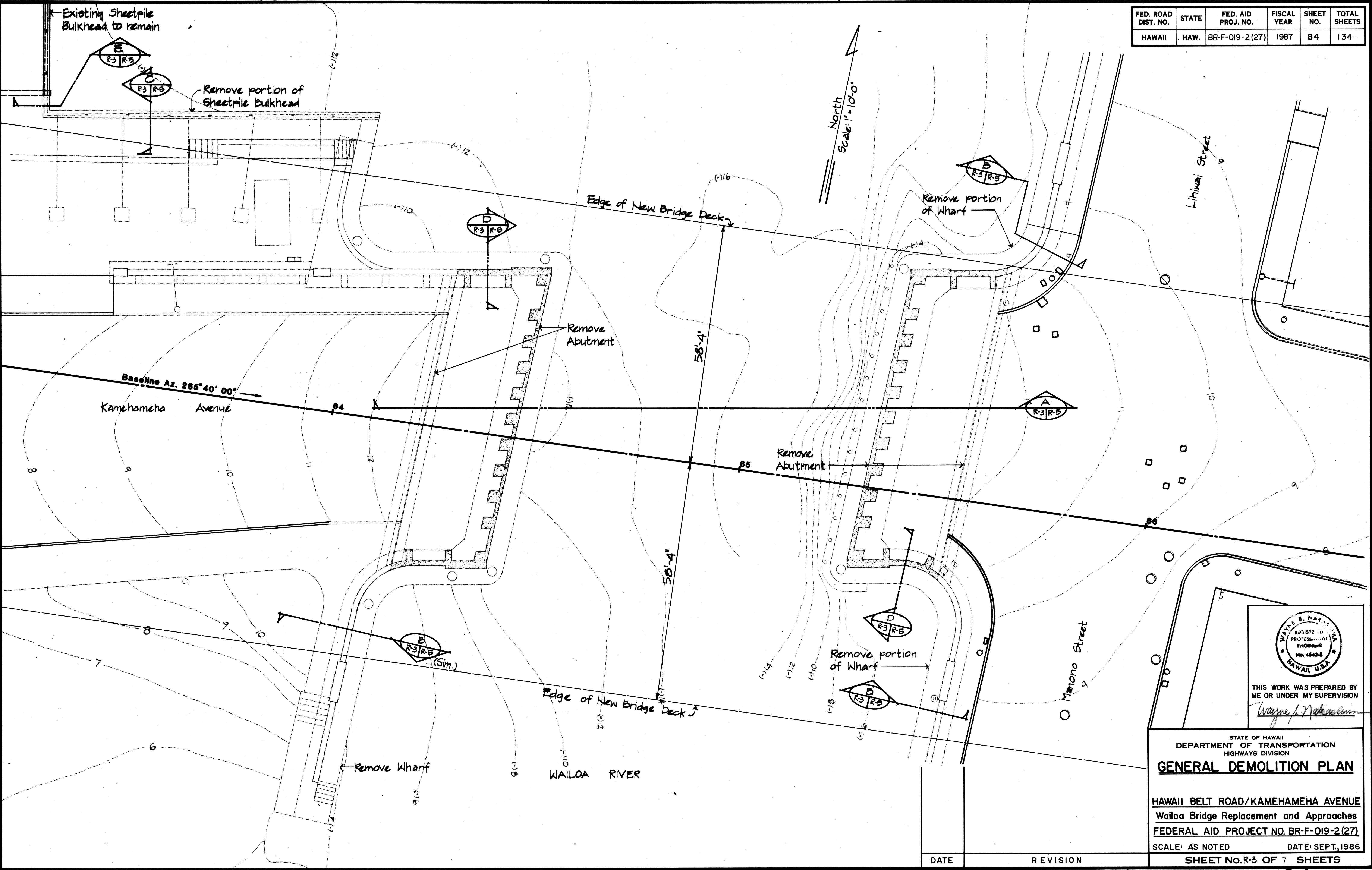


THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
Wayne S. Nakashima

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
DEMOLITION PHASING PLAN
EXISTING BRIDGE DECK
HAWAII BELT ROAD/KAMEHAMEHA AVENUE
Wailoa Bridge Replacement and Approaches
FEDERAL AID PROJECT NO. BR-F-019-2 (27)
SCALE: AS NOTED DATE: SEPT., 1986
SHEET No. R-2 OF 7 SHEETS

DATE	REVISION
------	----------

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-F-019-2 (27)	1987	84	134



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

WINE S. NAKAMURA
REGISTERED PROFESSIONAL ENGINEER
No. 4542-S
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

Wayne S. Nakamura

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

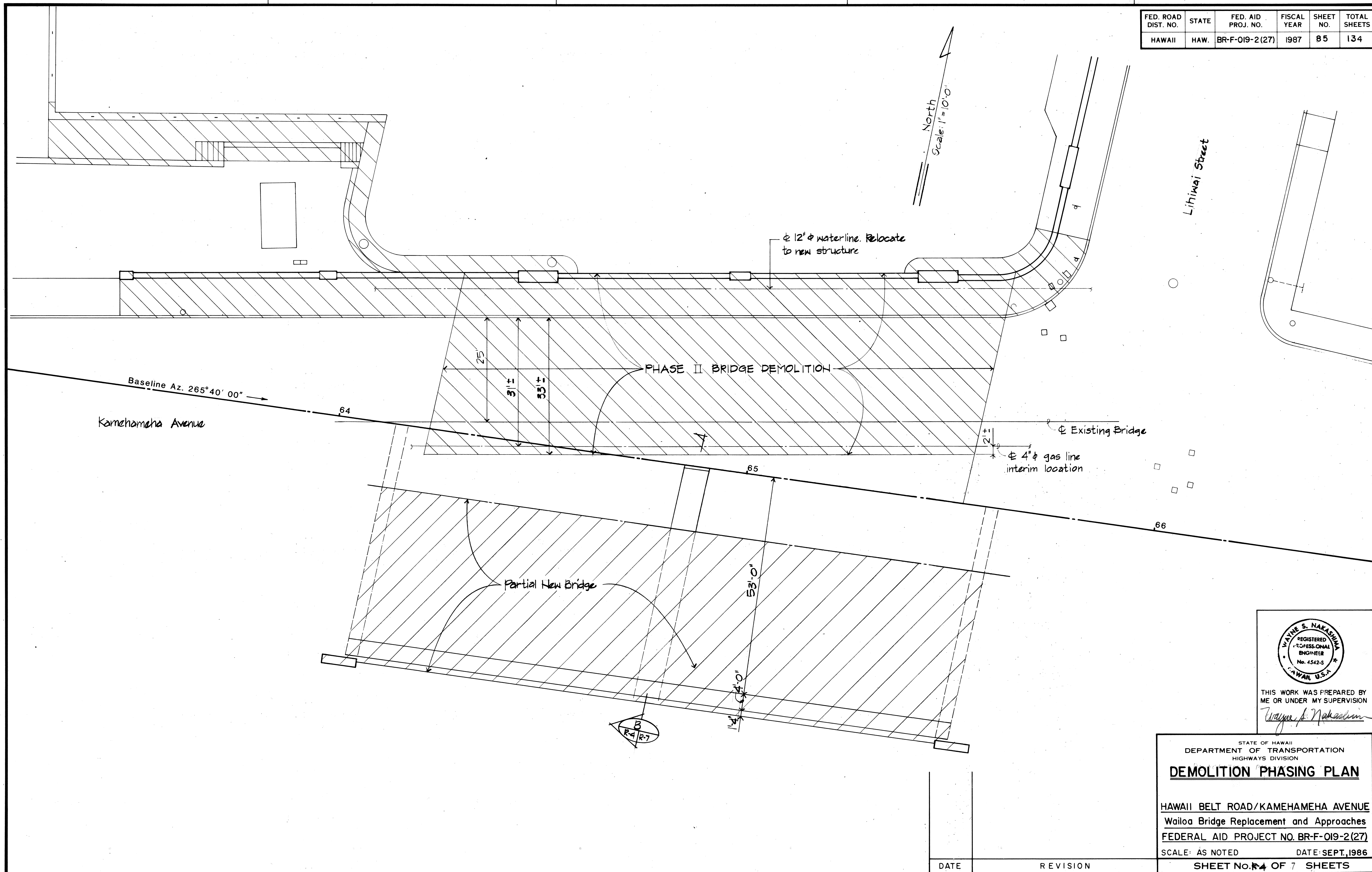
GENERAL DEMOLITION PLAN

HAWAII BELT ROAD/KAMEHAMEHA AVENUE
Wailoa Bridge Replacement and Approaches
FEDERAL AID PROJECT NO. BR-F-019-2 (27)

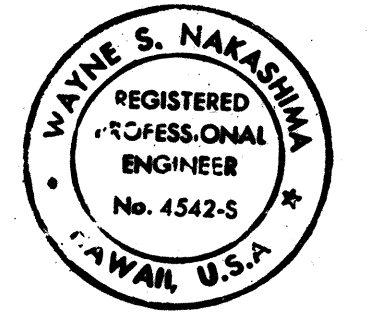
SCALE: AS NOTED DATE: SEPT., 1986

SHEET No. 84 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-F-019-2(27)	1987	85	134



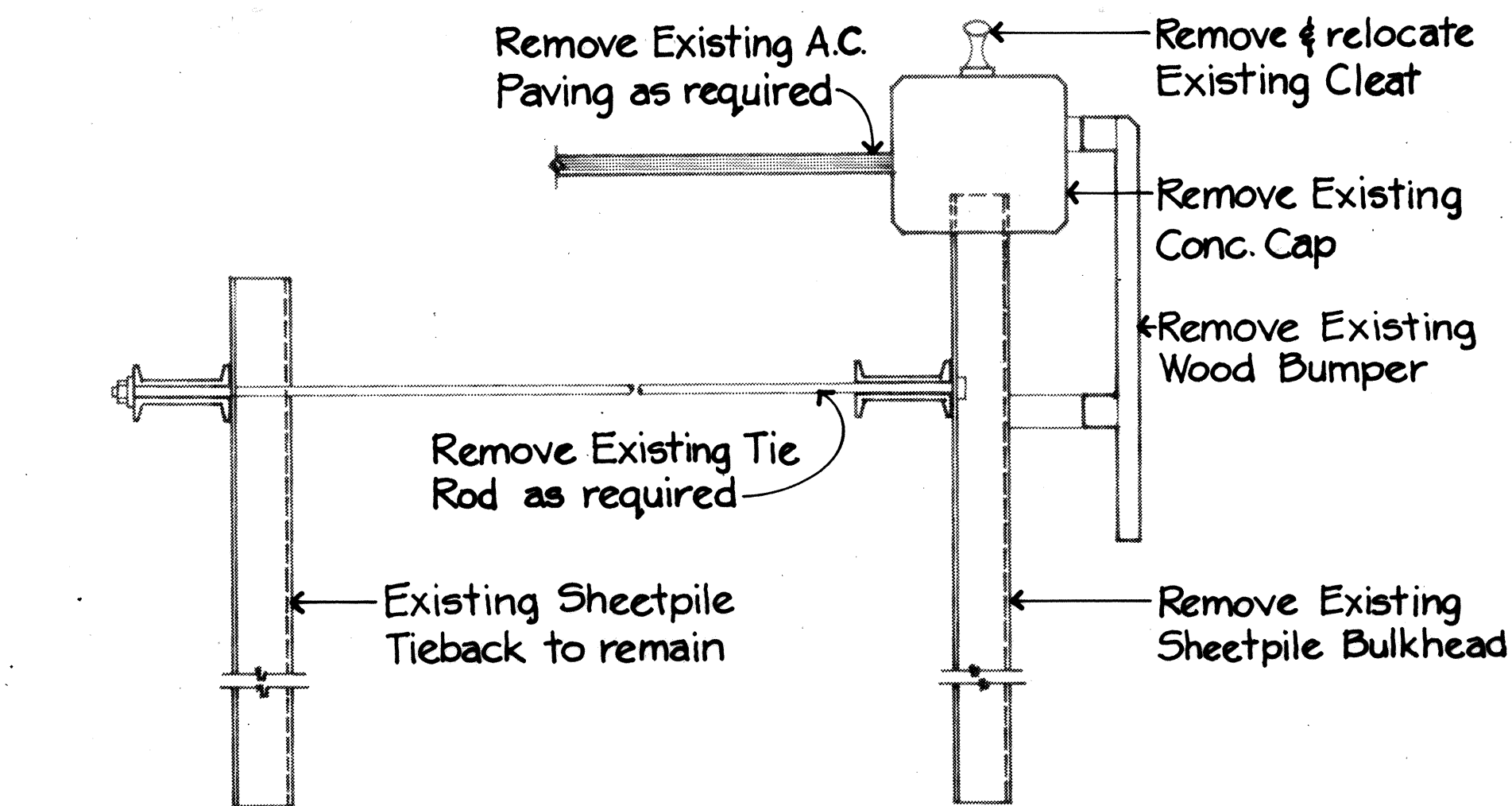
DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
IN CHARGE	
NOTED BY	
QUANTITIES BY	
CHECKED BY	


 THIS WORK WAS PREPARED BY
 ME OR UNDER MY SUPERVISION
Wayne S. Nakamura

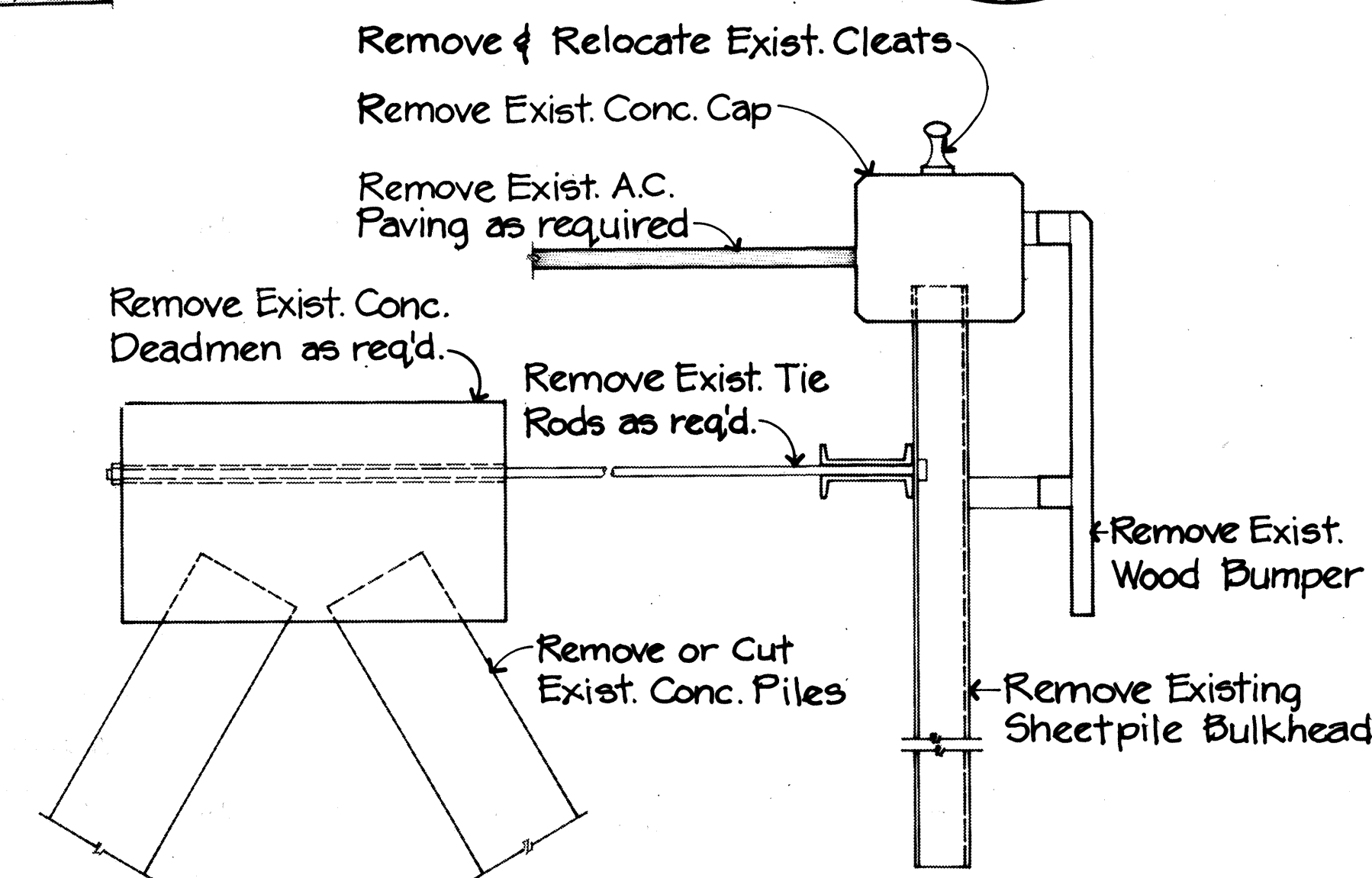
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
DEMOLITION PHASING PLAN
 HAWAII BELT ROAD/KAMEHAMEHA AVENUE
 Wailoa Bridge Replacement and Approaches
 FEDERAL AID PROJECT NO. BR-F-019-2(27)
 SCALE: AS NOTED DATE: SEPT., 1986
 SHEET NO. **85** OF 7 SHEETS

DATE	REVISION
------	----------

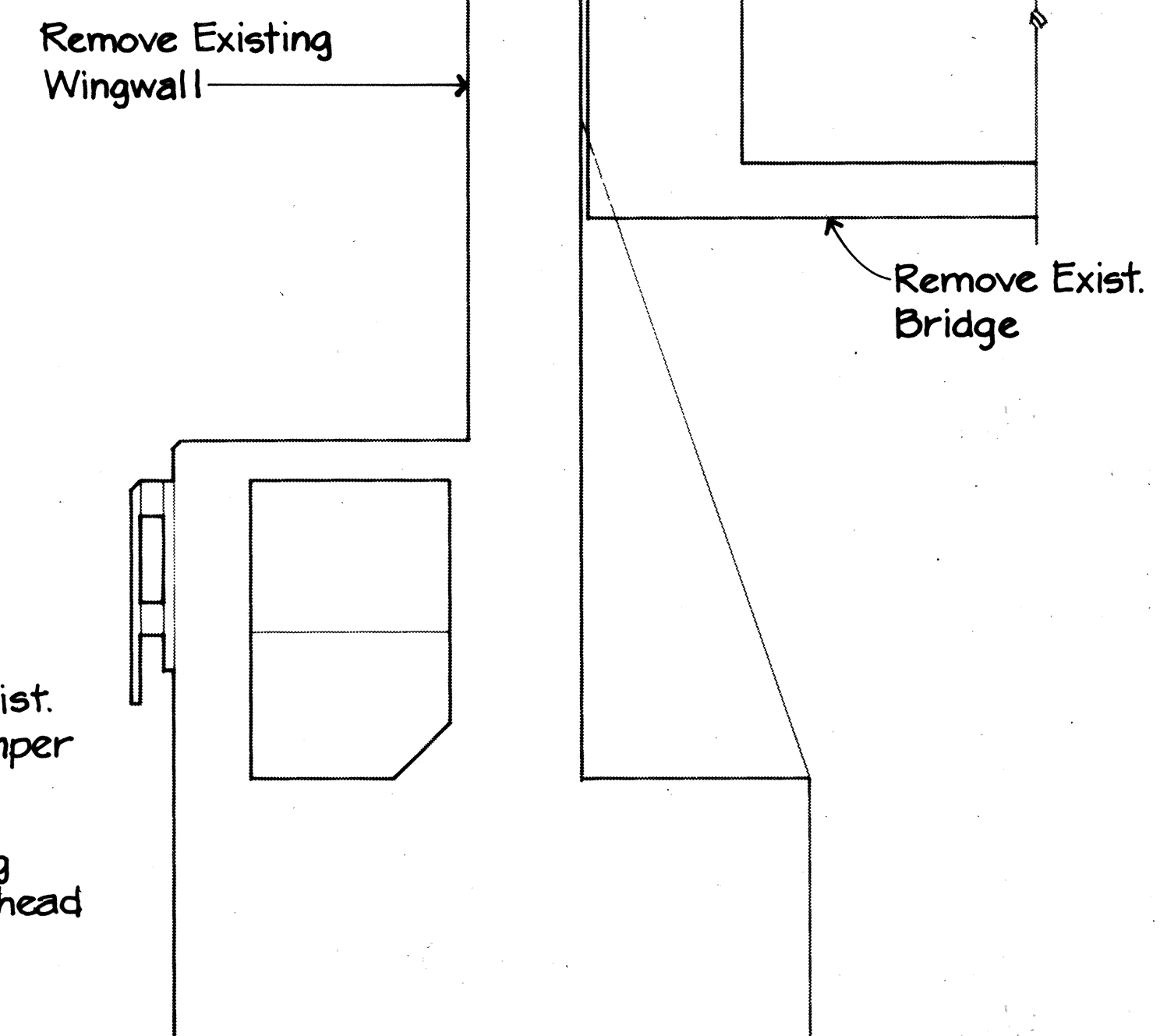
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-F-019-2 (27)	1987	86	134



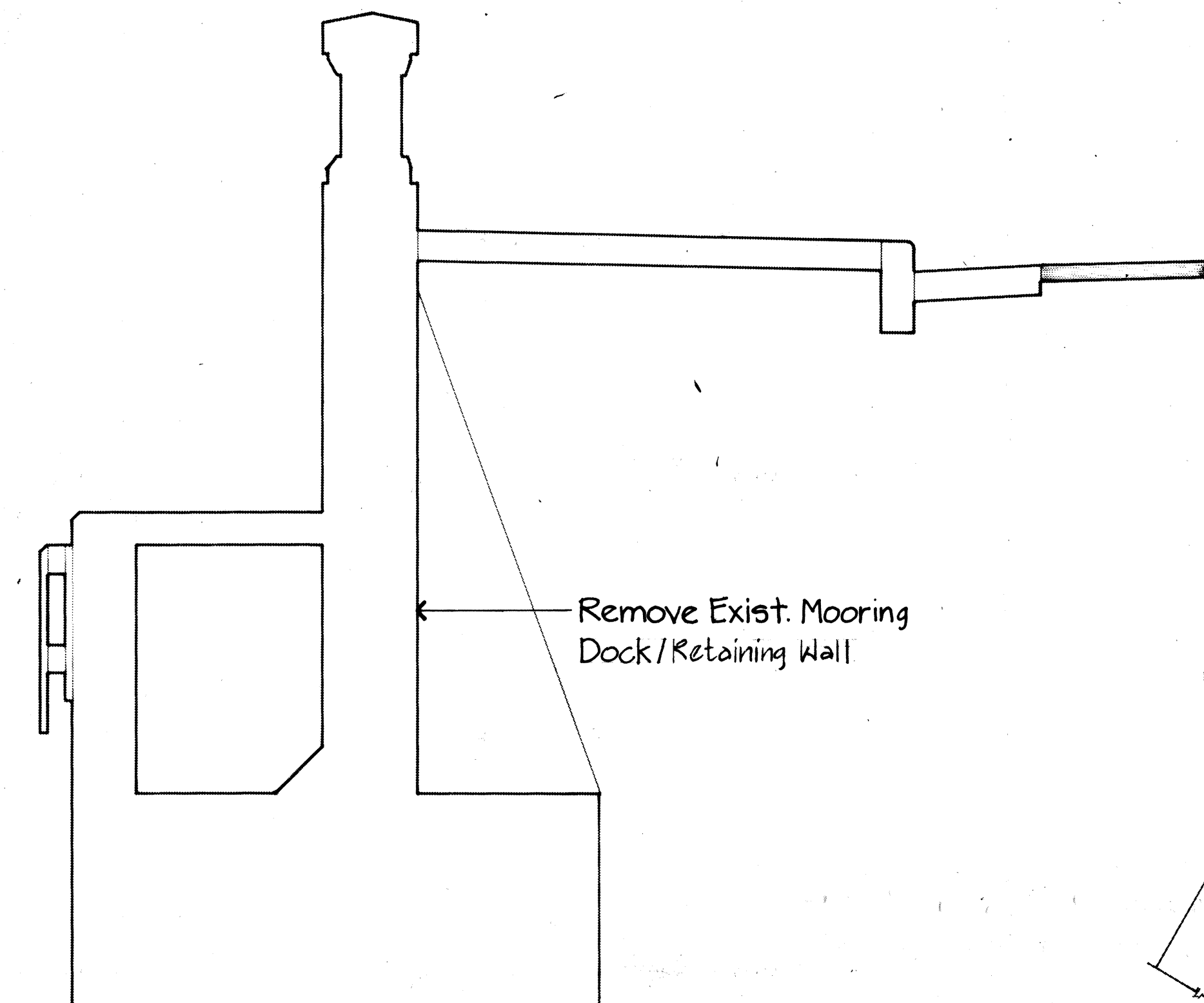
SECTION E
Scale 3/4" = 1'-0"



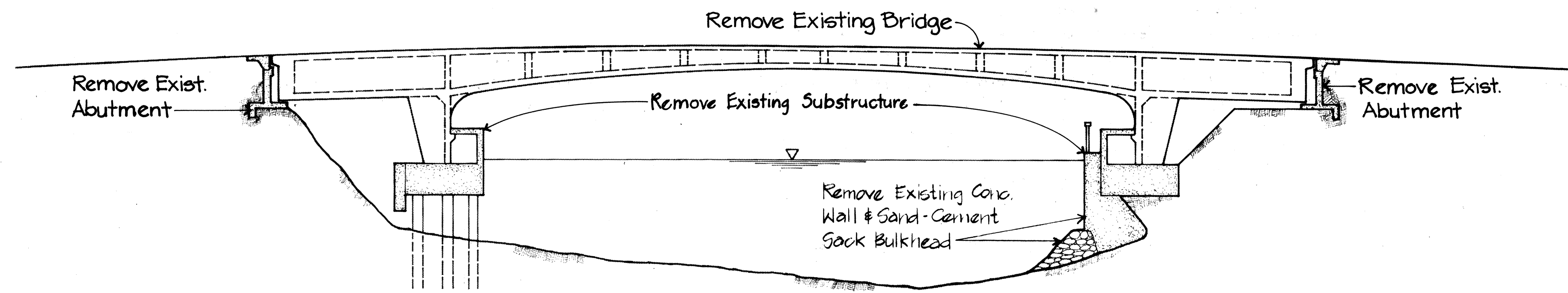
SECTION C
Scale 3/4" = 1'-0"



SECTION D
Scale 1/2" = 1'-0"



SECTION B
Scale 1/2" = 1'-0"



SECTION A
Scale 1" = 10'-0"

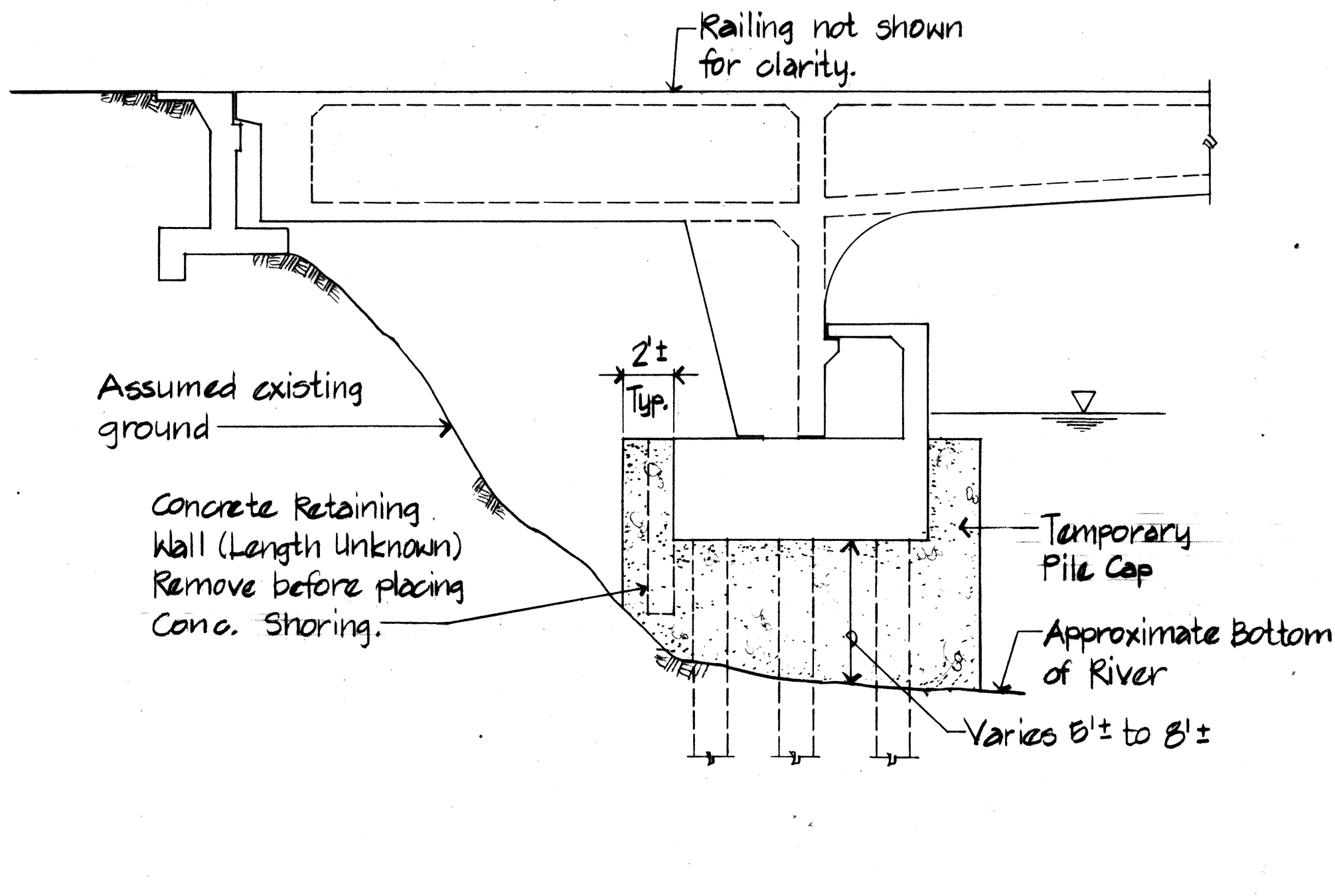


THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

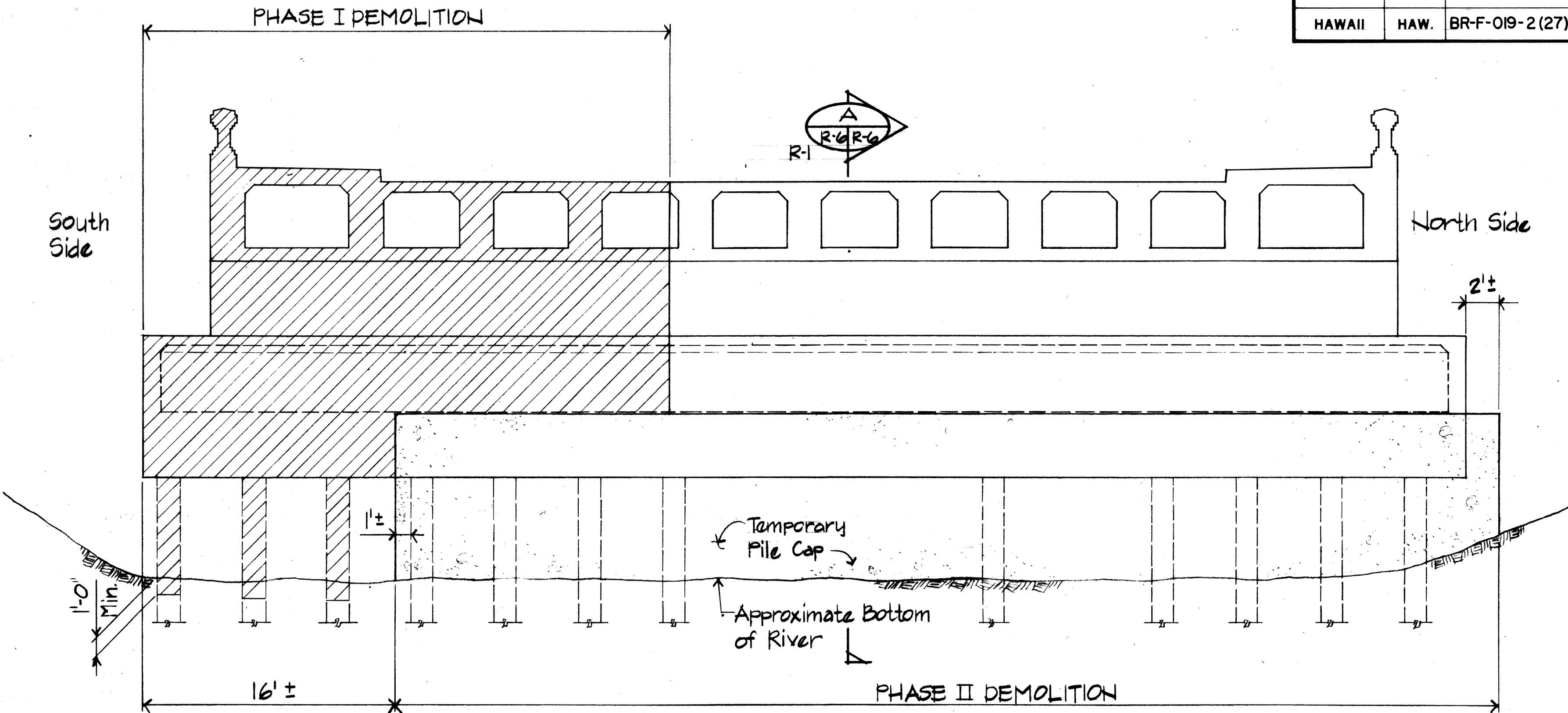
Wayne S. Nakasima

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
DEMOLITION	
NOTES, SECTIONS & DETAILS	
HAWAII BELT ROAD/KAMEHAMEHA AVENUE	
Wailoa Bridge Replacement and Approaches	
FEDERAL AID PROJECT NO. BR-F-019-2 (27)	
SCALE: AS NOTED	DATE: SEPT., 1986
SHEET NO. 86 OF 7 SHEETS	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-F-019-2 (27)	1987	87	134



SECTION A
Scale: 1" = 5'-0"
R-1/R-6
R-6



SECTION-B
Scale: 1" = 5'-0"
R-1/R-6
R-6

NOTES

- Existing conditions shown are based on field investigations conducted on September 23, 1985. The Contractor shall verify the existing actual conditions in the field.
- The Contractor shall shore the existing Hilo foundation prior to any bridge demolition work. Demolition shall be conducted to minimize disturbance to the portion of the existing bridge that will be utilized in the phasing of the construction detour traffic.
- The intent of the demolition plans is to define the general requirements in phasing the demolition of the existing bridge. It is not intended to be totally descriptive of required demolition work. The demolition of other existing structures required to construct the new bridge and approach roads shall be conducted in accordance with the specifications and is considered to be incidental to the bridge removal.
- The Contractor shall coordinate the relocation and/or removal of all utilities with the respective owner or agency.
- Overhead HELCO lines not shown for clarity, see Utility Plans.
- Record Plans for the existing bridge are on file with the State Department of Transportation, Highways Division.
- Record Plans for the existing small boat harbor facilities are on file with the State Department of Transportation, Harbors Division.
- Temporary Pile cap concrete strength shall be Class A.
- The Contractor shall submit for the Engineer's review a written procedure of the demolition sequence and methods that the Contractor proposes to use.
- No demolition work shall be started prior to approval of Contractor's submittals. Work shall be conducted so that free navigation of the waterway is not unreasonably interfered and that the present navigable depth is not impaired. During demolition work a minimum horizontal clearance of 12 feet shall be provided for passage of boats. The Contractor shall coordinate and notify the Engineer of any construction that may affect navigation of the waterway. The Contractor shall promptly clear the channel of any placed obstructions to the satisfaction of the Engineer when construction has reached a point when the obstruction may be removed and is no longer required for the Contractor's operation.
- The number of piles as shown on Sheet No. 82 under the Hilo abutment of the existing bridge are not all-inclusive. There are additional piles located under the mauka and makai return wing walls of the abutment. The location and extent of these existing piles are shown on the Record Plans.



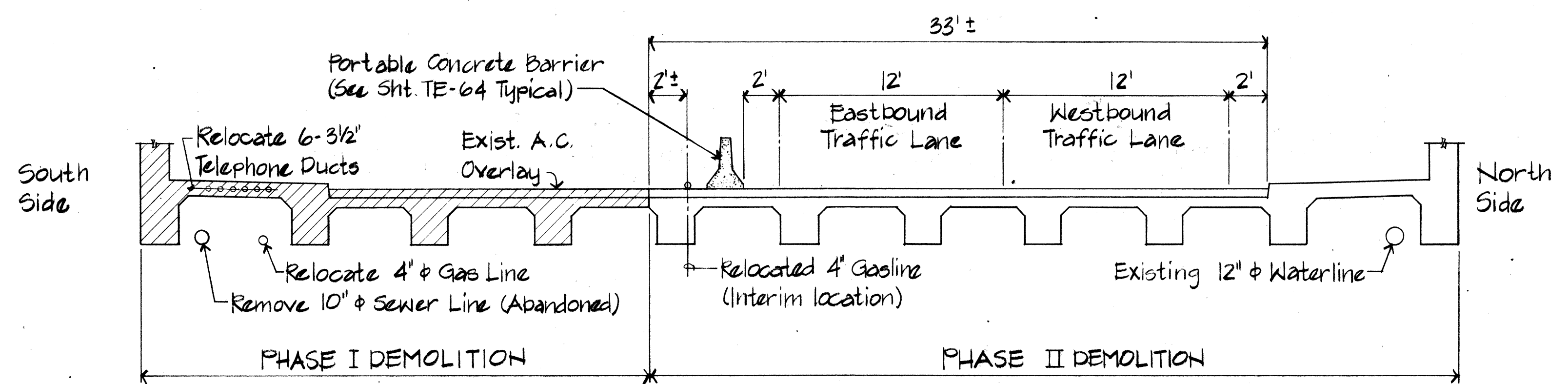
THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

Wayne S. Nakashima

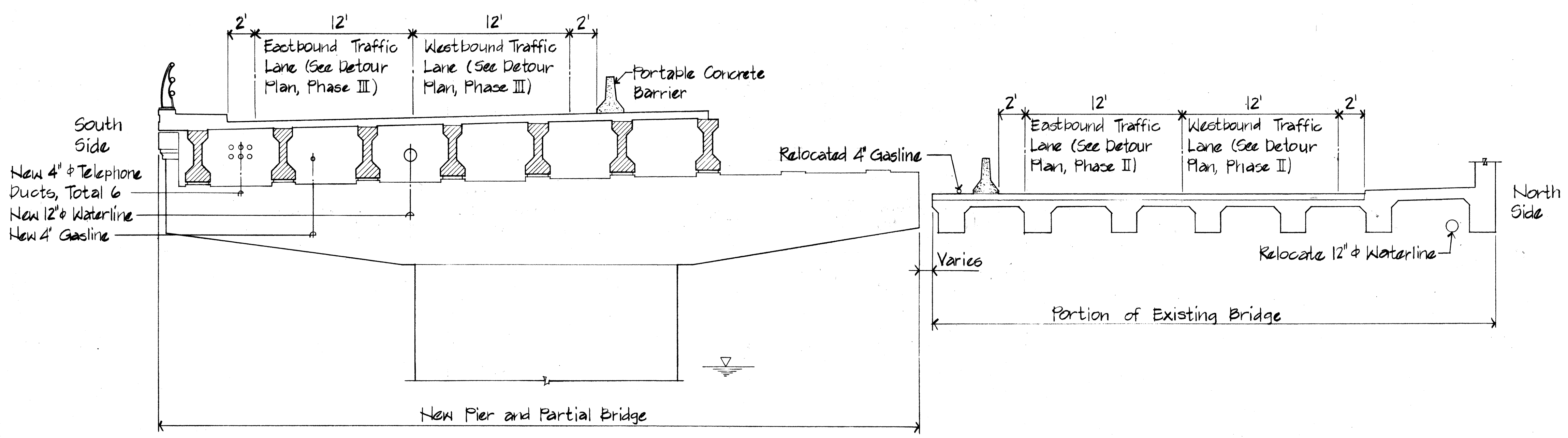
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
DEMOLITION PHASING
SECTIONS, DETAILS & NOTES
HAWAII BELT ROAD/KAMEHAMEHA AVENUE
Wailoa Bridge Replacement and Approaches
FEDERAL AID PROJECT NO. BR-F-019-2 (27)
SCALE: AS NOTED DATE: SEPT., 1986
SHEET No. R-6 OF 7 SHEETS

DATE REVISION

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-F-019-2 (27)	1987	88	134

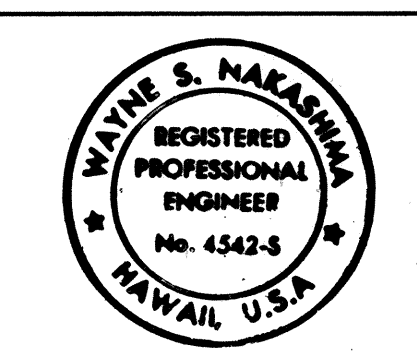


SECTION A
Scale: 1" = 5'-0" R2/R-7



SECTION B
Scale: 1" = 5'-0" R-4/R-7

DATE	BY
DESIGNED BY	DATE
DRAWN BY	BY
CHECKED BY	DATE
NOTED BY	BY
ORIGINAL PLAN	NO.



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

Wayne S. Nakagawa

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DEMOLITION PHASING SECTIONS

HAWAII BELT ROAD/KAMEHAMEHA AVENUE
Wailoa Bridge Replacement and Approaches
FEDERAL AID PROJECT NO. BR-F-019-2(27)

SCALE: AS NOTED DATE: SEPT., 1986

SHEET No. R-7 OF 7 SHEETS

DATE	REVISION