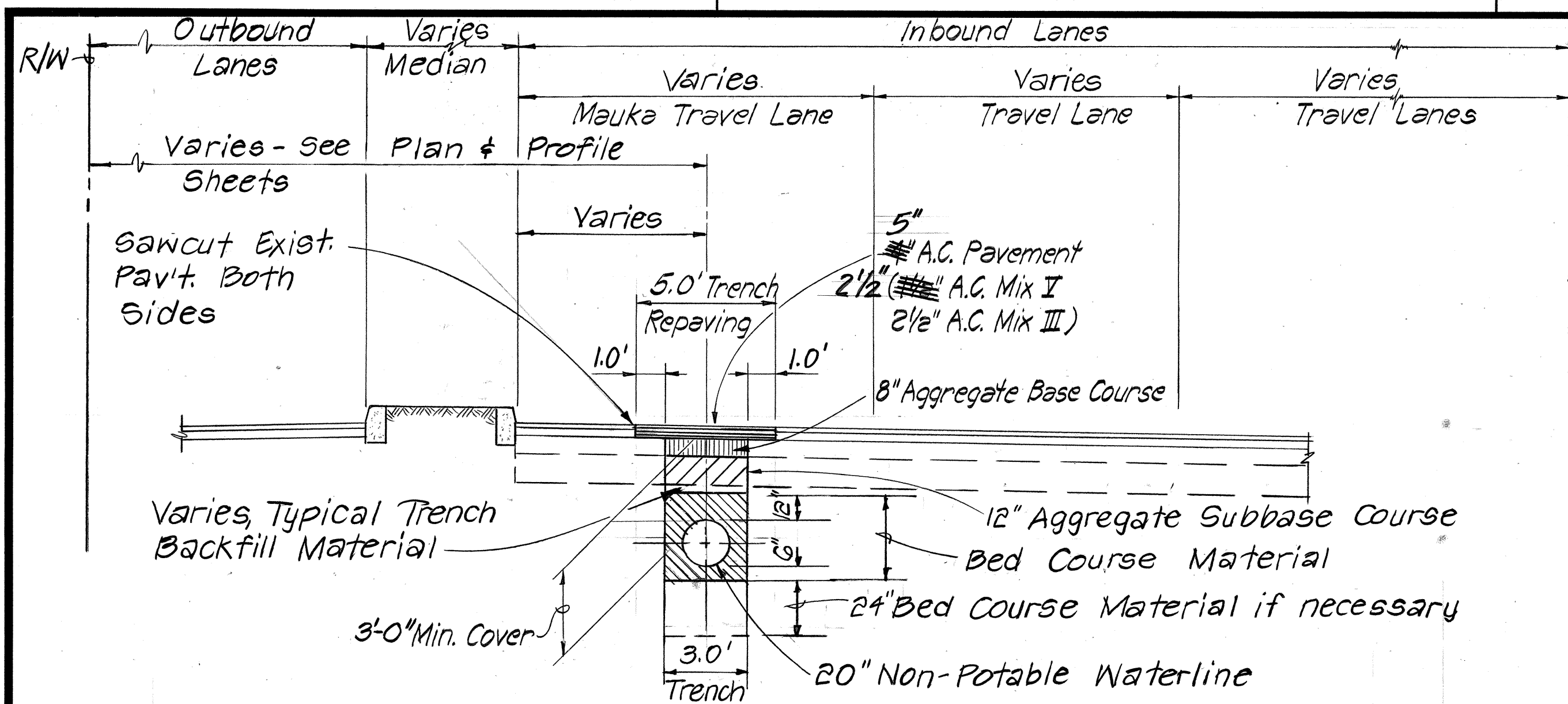
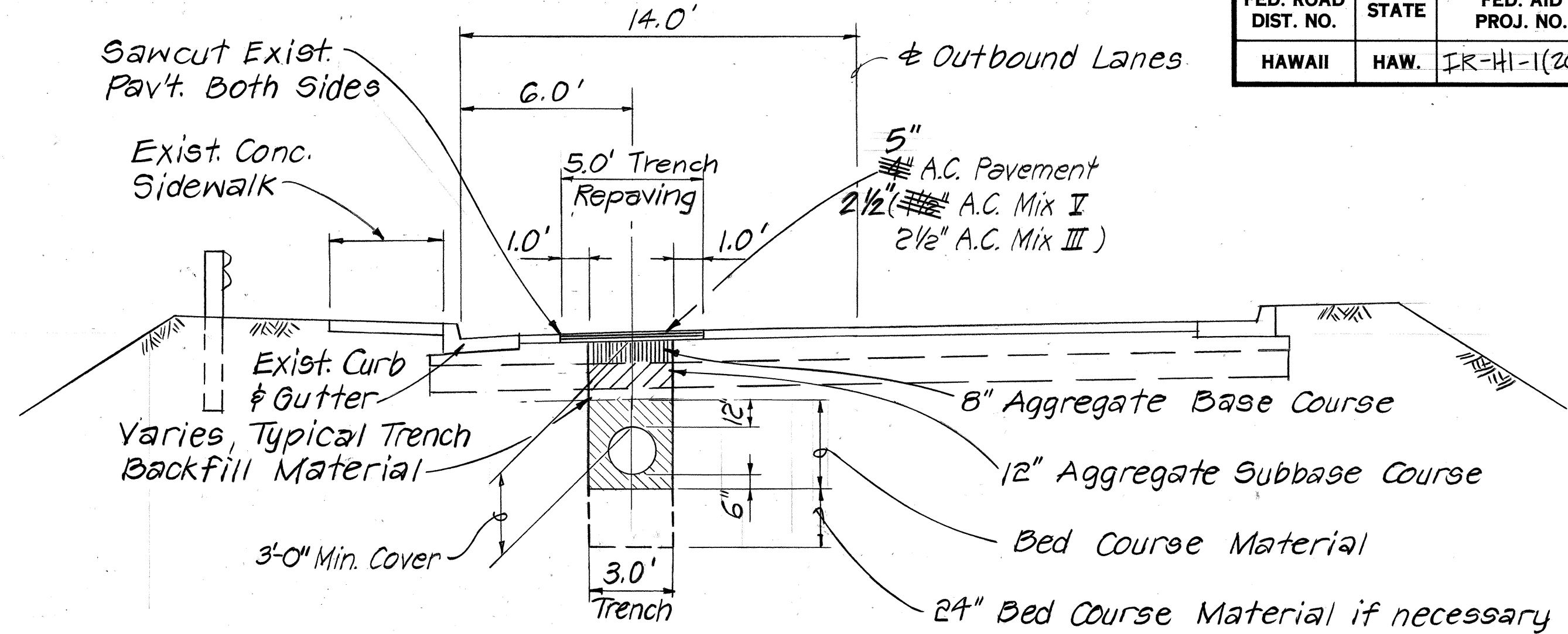


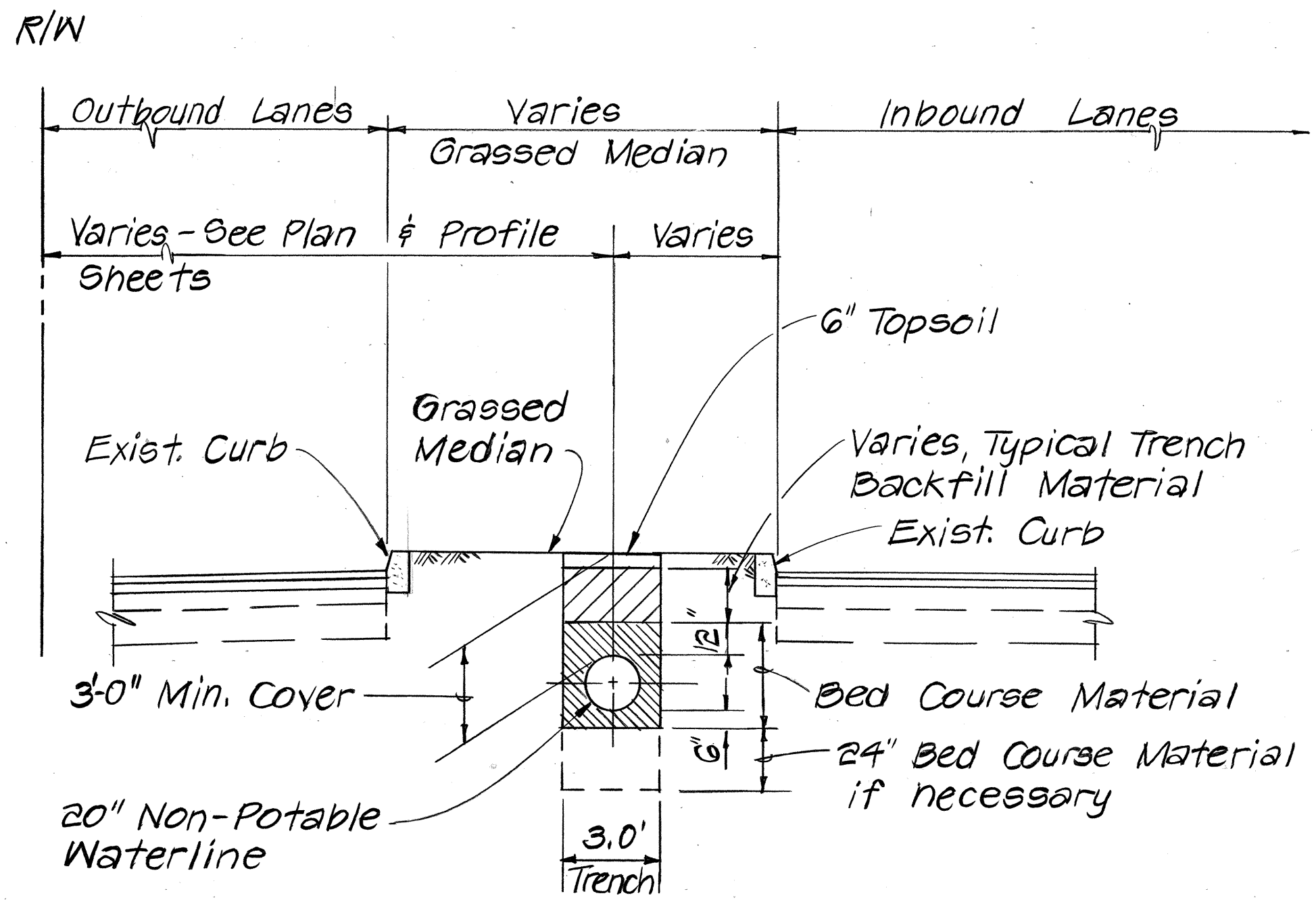
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-HI-1(203)	1987	12	87



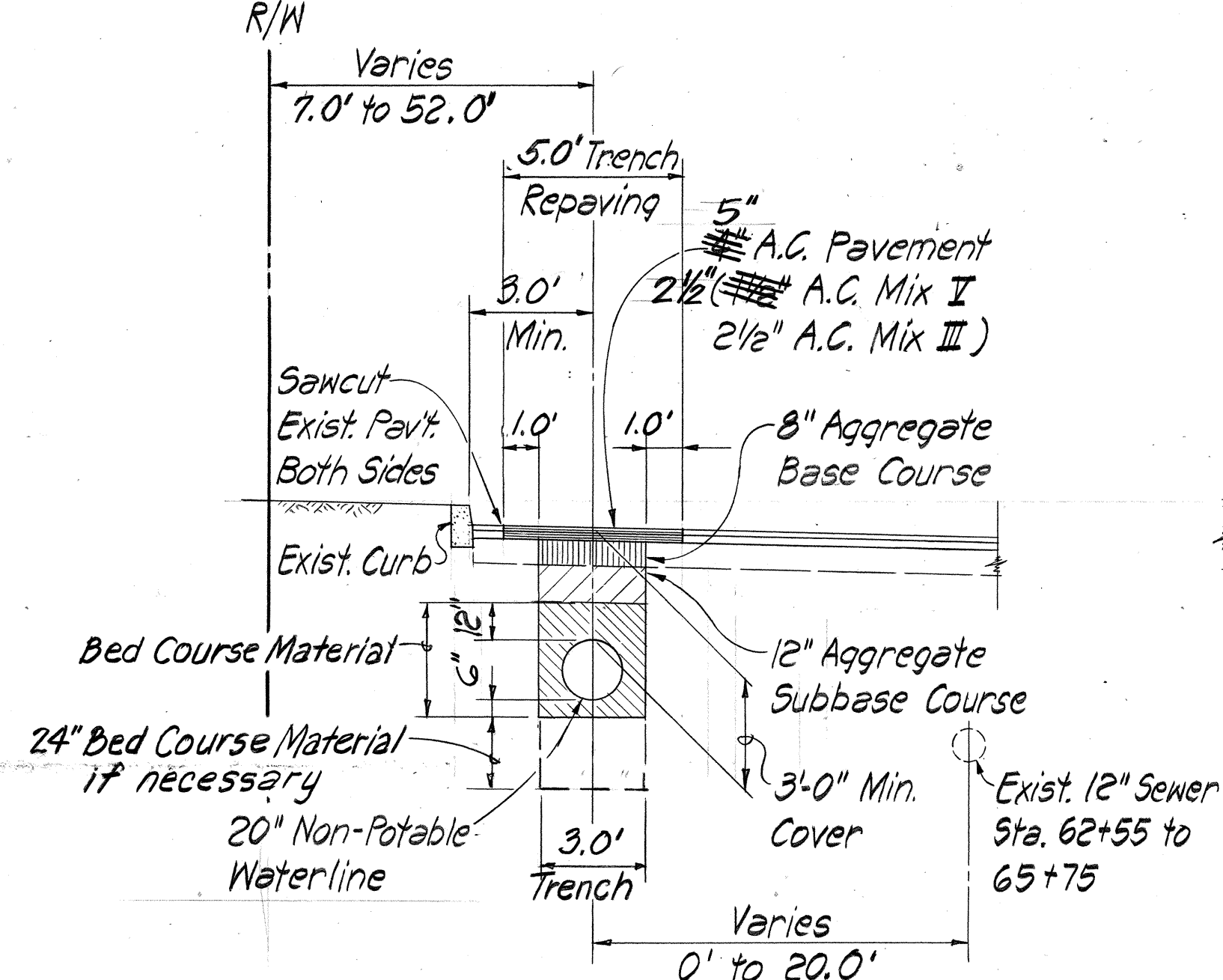
TYPICAL SECTION - KAMEHAMEHA HIGHWAY **A**
W.L. STATION 1+85 TO 11+60
W.L. STATION 16+90 TO 35+36
Scale: 1/4"=1'-0"



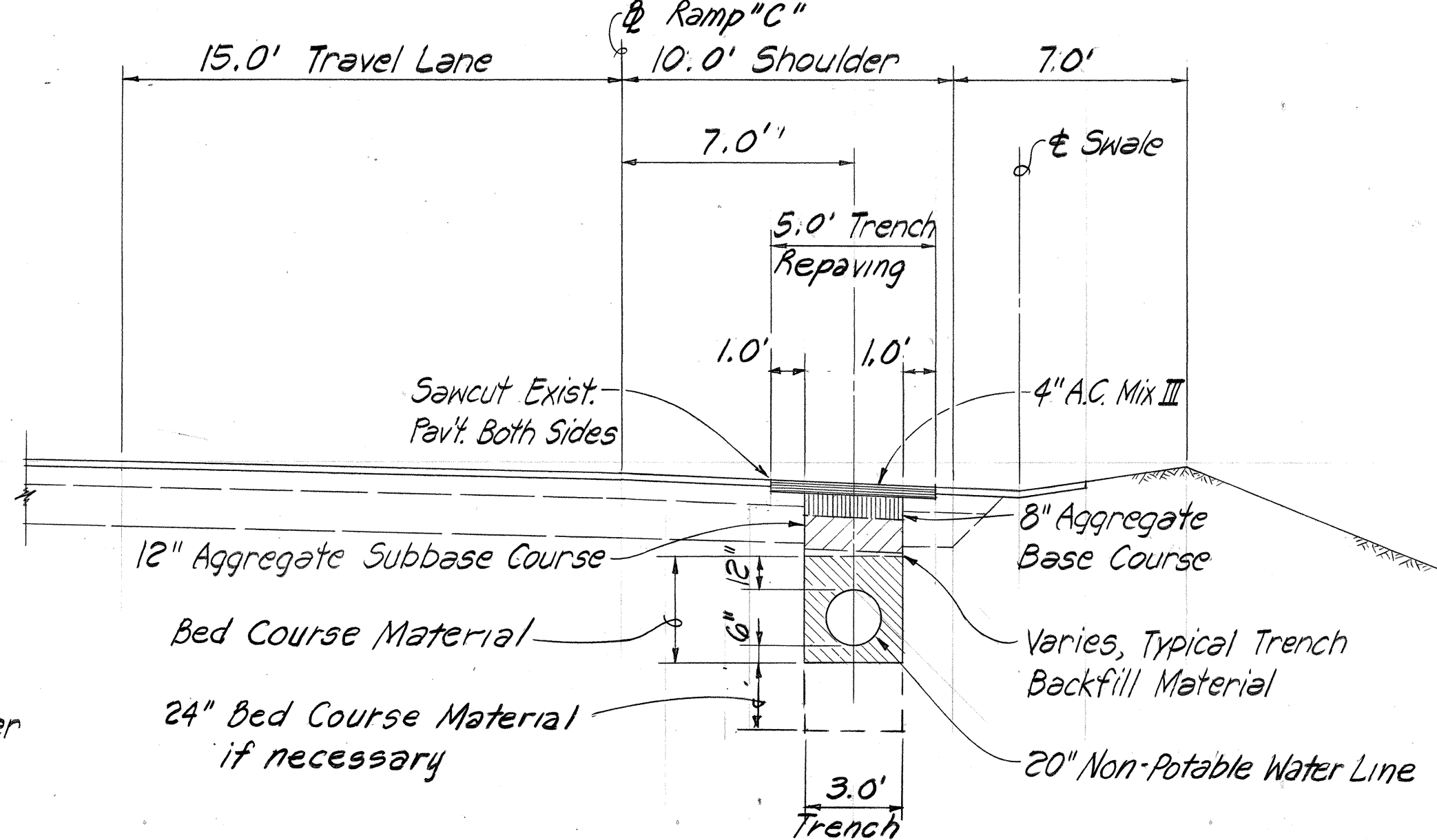
TYPICAL SECTION - MOANALUA ROAD OUTBOUND LANES **C**
W.L. STATION 38+47.05 TO 41+54.59
Scale: 1/4"=1'-0"



TYPICAL SECTION - KAMEHAMEHA HIGHWAY **B**
W.L. STATION 1+36 TO 1+85
W.L. STATION 11+60 TO 14+45
W.L. STATION 15+37 TO 16+90
Scale: 1/4"=1'-0"



TYPICAL SECTION - ALOHA STADIUM CIRCULATION ROAD **D**
W.L. STATION 55+00 TO 65+00
Scale: 1/4"=1'-0"

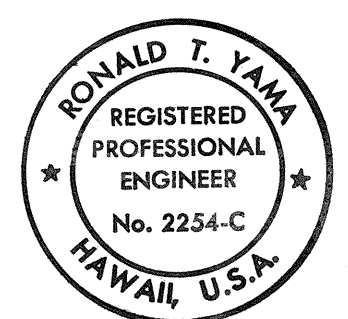


TYPICAL SECTION - RAMP "C" **E**
W.L. STATION 71+00 TO 81+37.23
Scale: 1/4"=1'-0"

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

APPROVED:

[Signature]
CHIEF, PLANNING & ENGINEERING DIV., DATE



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

[Signature]

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

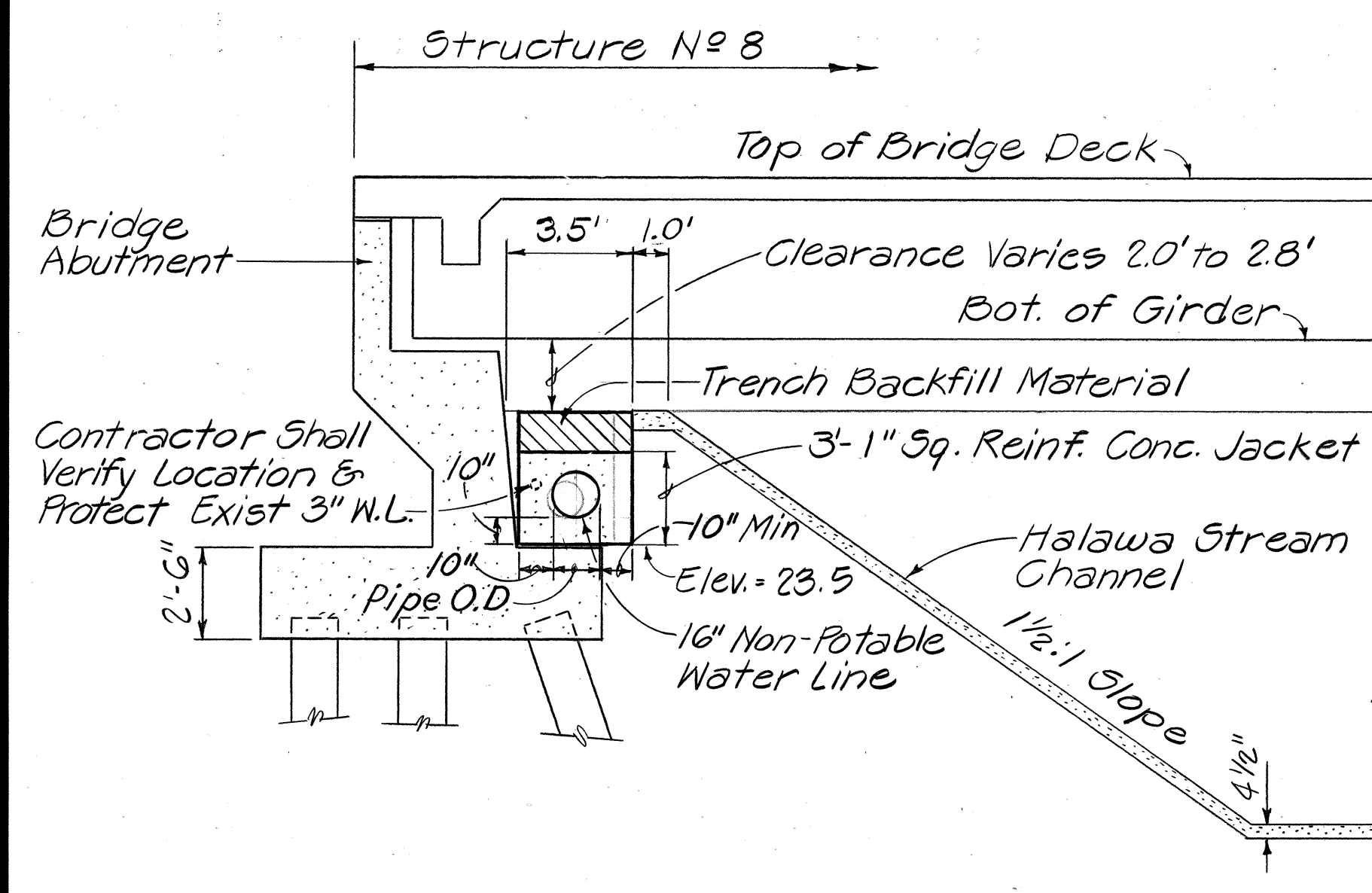
TYPICAL SECTIONS

H-I NON-POTABLE WATER SYSTEM
KALAUAO SPRINGS TO HALAWA RESERVOIR
F.A.I. PROJ. NO. IR-HI-1 (203)

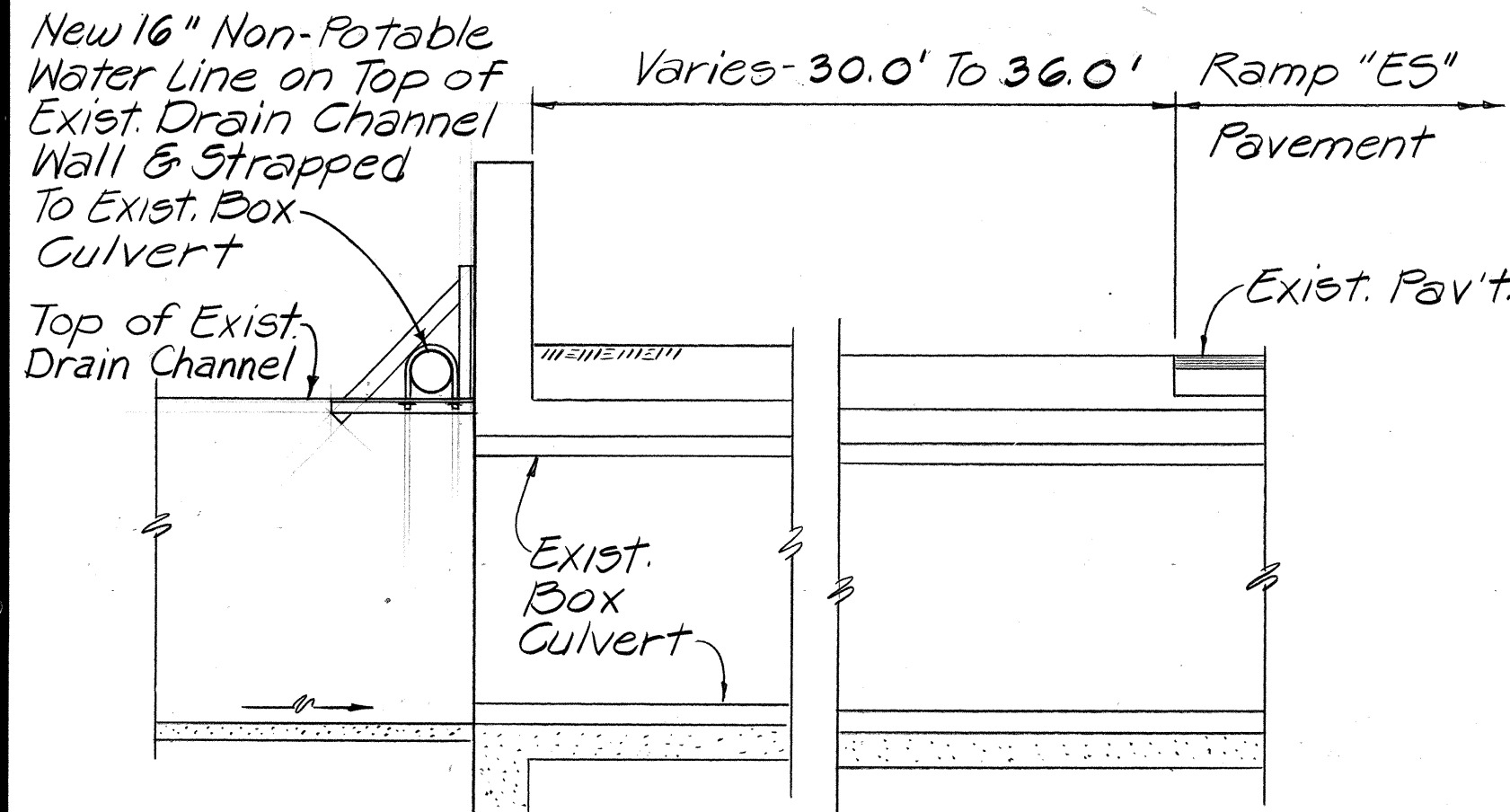
SCALE: AS SHOWN DATE: 1/20/87

SHEET No. C-10 OF 64 SHEETS

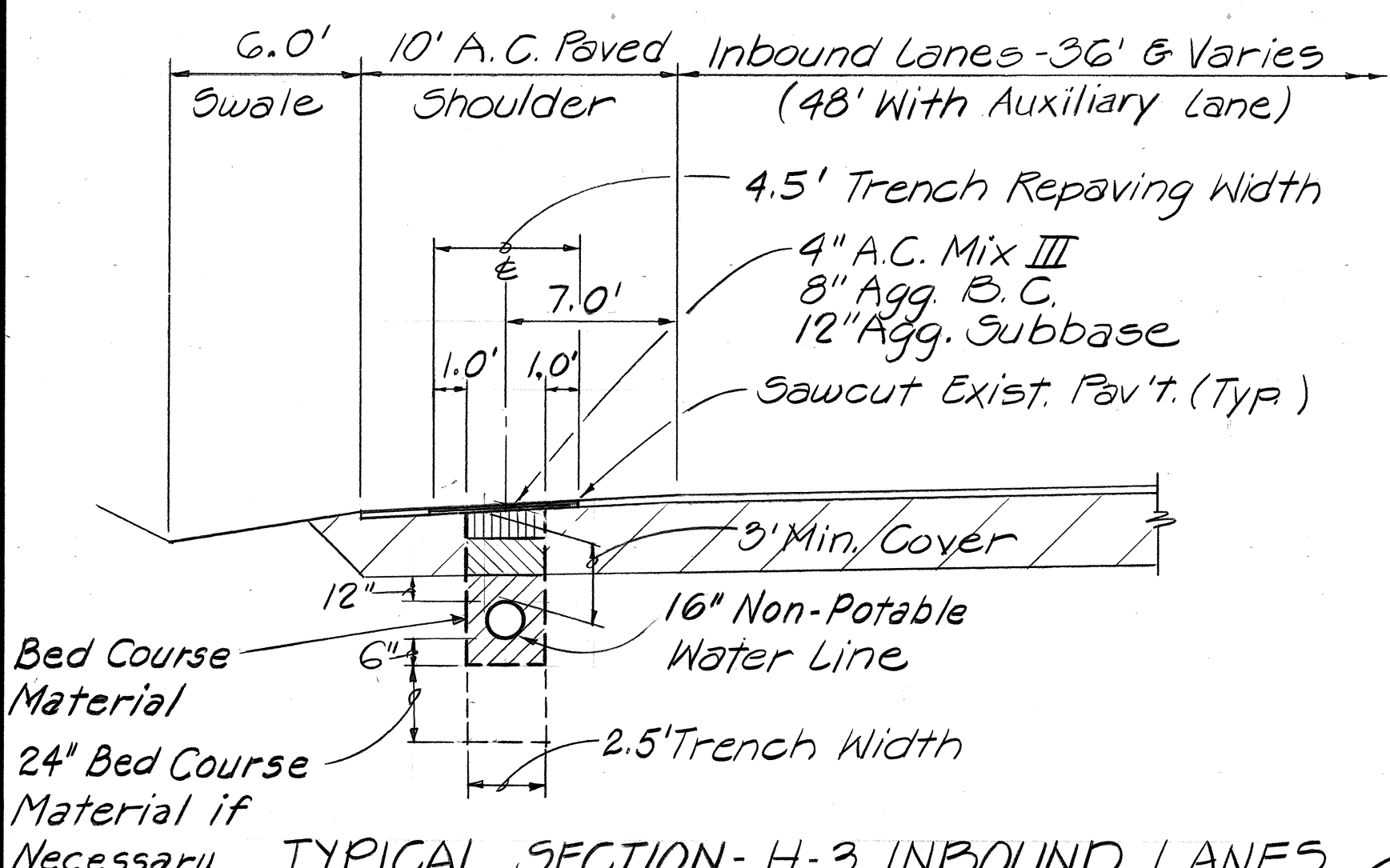
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-HI-1(203)	1987	13	87



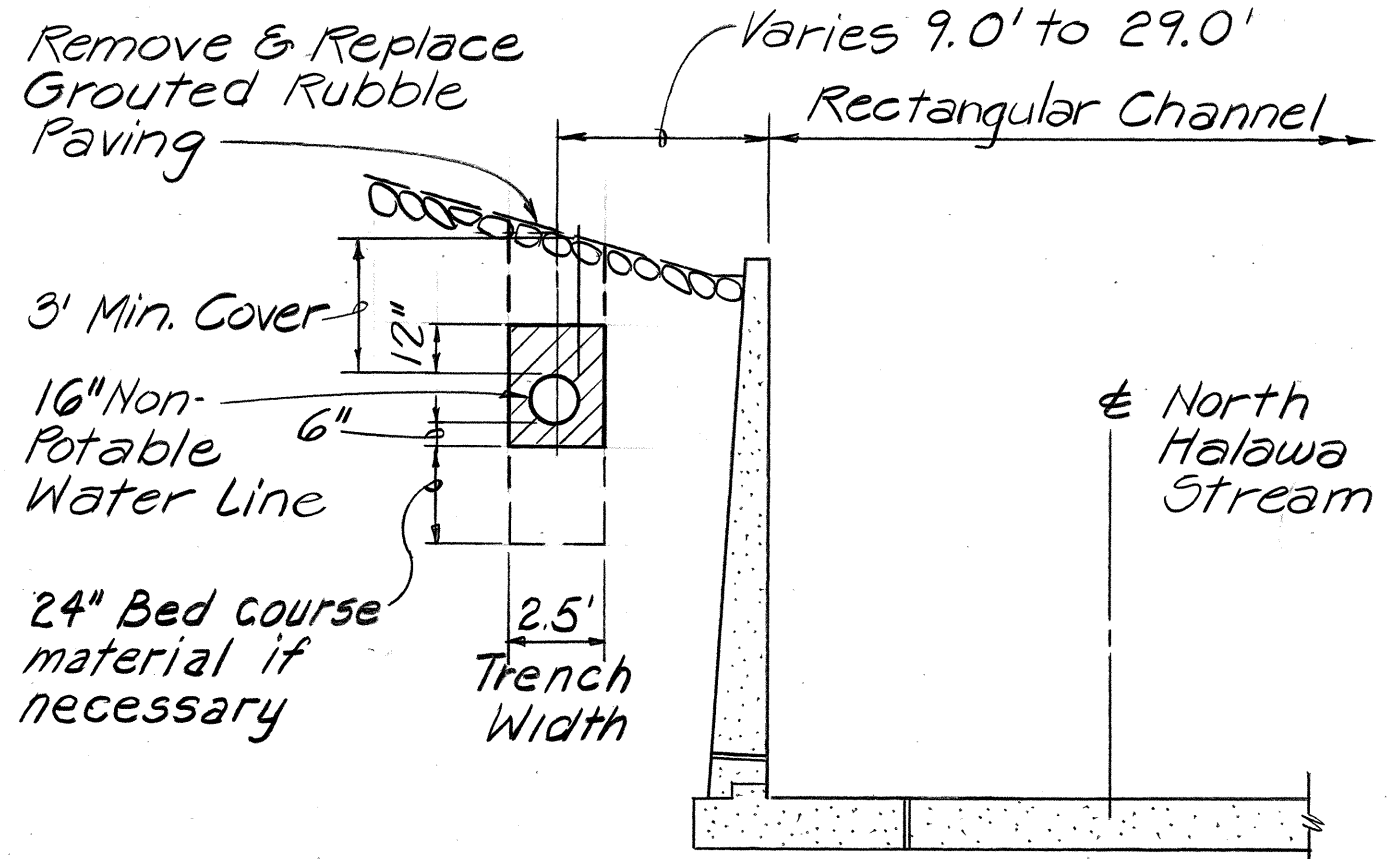
TYPICAL SECTION-STRUCTURE N° 8 CROSSING
W.L. STATION 84+70.36 TO 86+43
Scale: 1/4" = 1'-0"



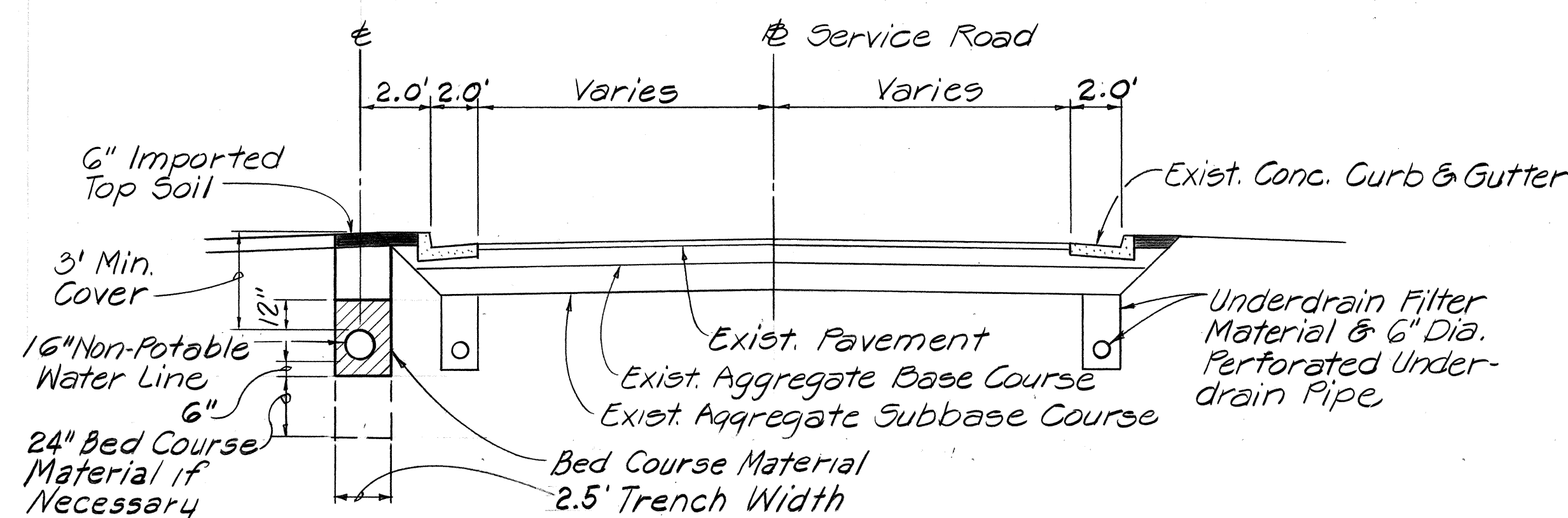
TYPICAL SECTION-DRAINAGE CHANNEL CROSSING
RAMP "ES" W.L. STA. 103+83 TO 104+07
Scale: 1/4" = 1'-0"



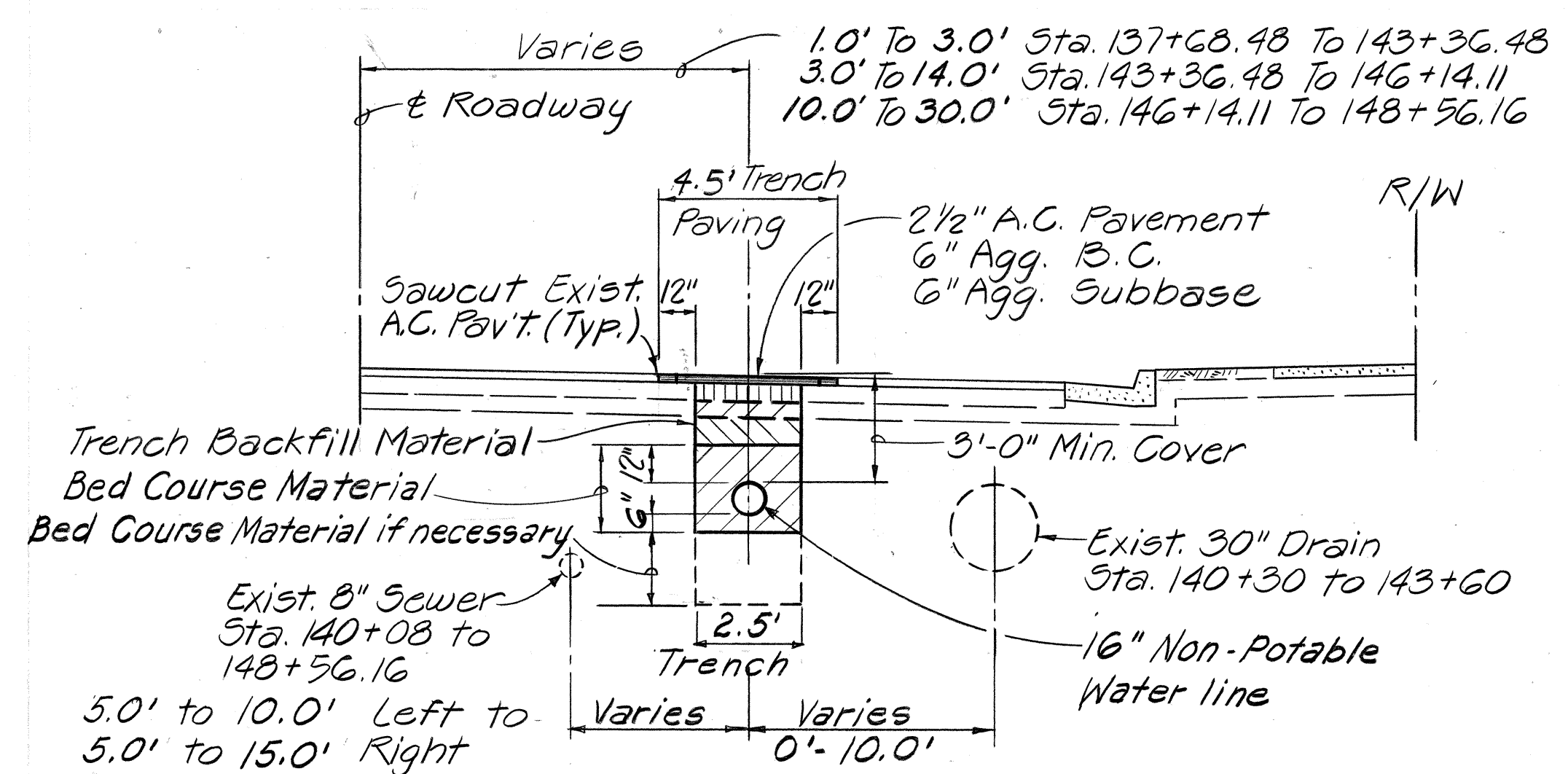
TYPICAL SECTION-H-3 INBOUND LANES
W.L. STATION 116+22.68 TO 132+76.59
Not To Scale



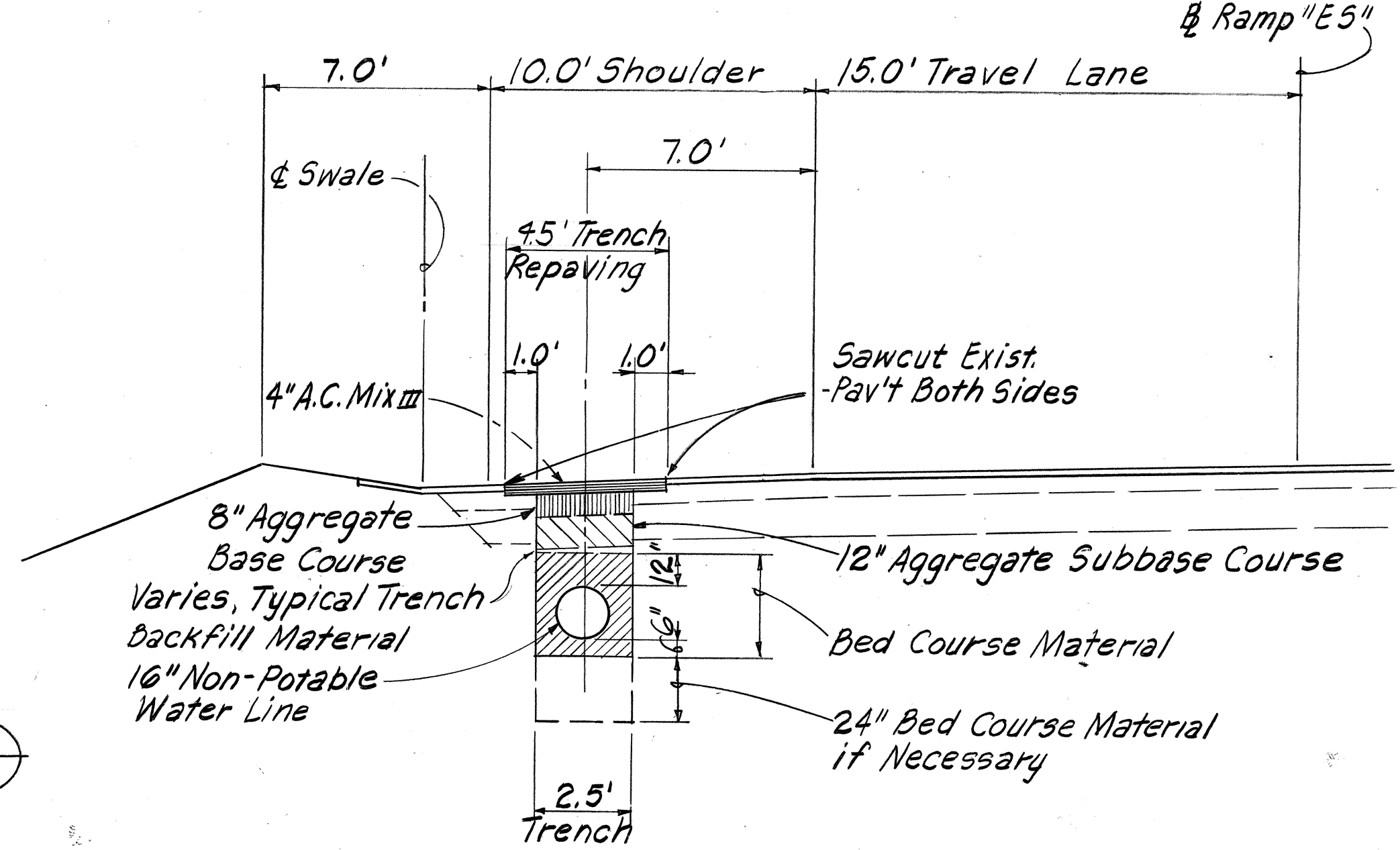
TYPICAL SECTION-NORTH HALAWA STREAM CHANNEL
W.L. STATION 132+76.59 TO 133+70
Scale: 1/4" = 1'-0"



TYPICAL SECTION - SERVICE ROAD
W.L. STATION 135+43.37 TO 137+25.92
Not To Scale



TYPICAL HALF SECTION-IWAWA STREET
W.L. STATION 137+68.48 TO 148+56.16
Scale: 1/4" = 1'-0"

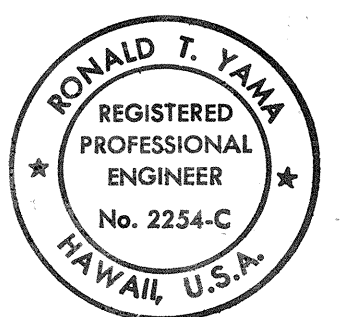


TYPICAL SECTION- RAMP "ES"
W.L. STATION 101+00± TO 103+23.57
W.L. STATION 104+92.43 TO 111+91.52

APPROVED FOR CONSTRUCTION
WITHIN CITY R/W ONLY:

William Z. H. Fung
CHIEF, DIV. OF ENGINEERING DPW
8/24/86
DATE

APPROVED:
John H. M. M. M.
CHIEF, PLANNING AND
ENGINEERING DIV, BWS
9/6/86
DATE



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.

Ronald T. Yamamoto

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS
H-1 NON-POTABLE WATER SYSTEM
KALAUAO SPRINGS TO HALAWA RESERVOIR
F.A.I. PROJ. NO. IR-HI-1 (203)
SCALE: AS SHOWN DATE: 1/20/87
SHEET No. C-11 OF 64 SHEETS

DATE	_____
DESIGNED BY	_____
CHECKED BY	_____
QUANTITIES BY	_____
NO.	_____