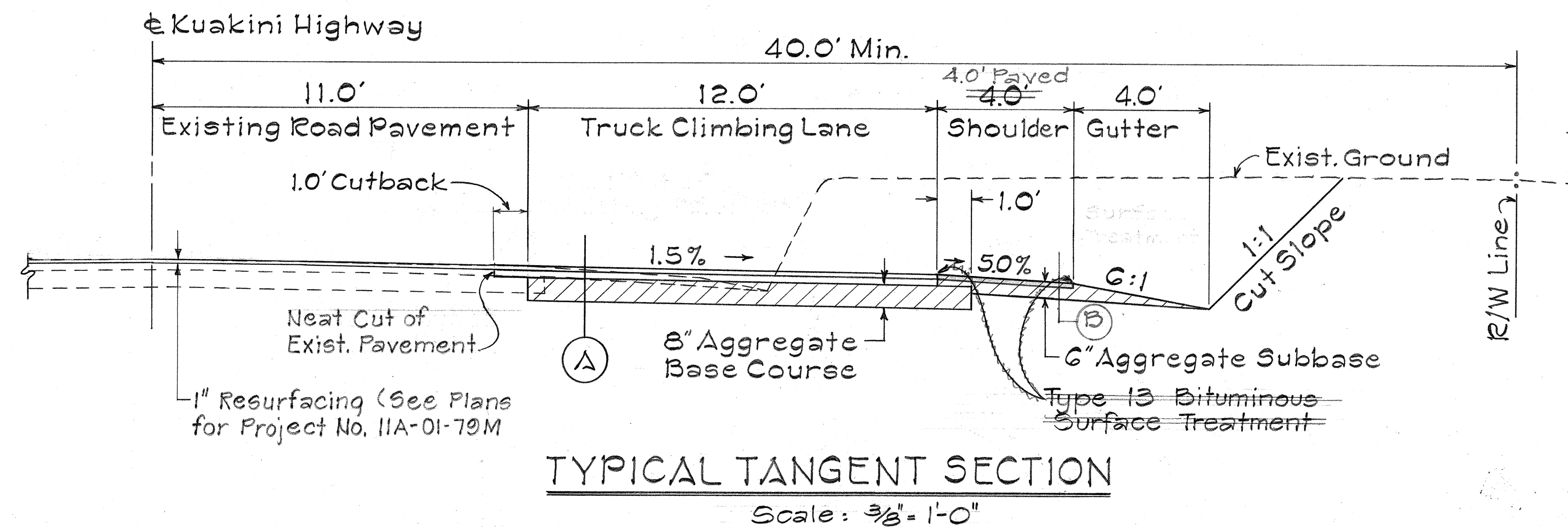
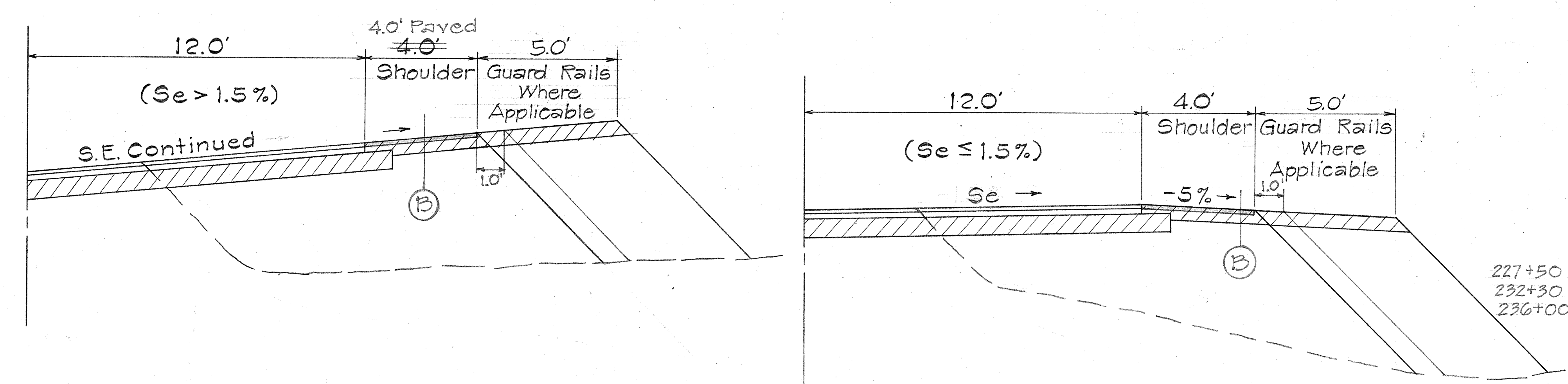


FED. ROAD DIST. NO.	STATE	FED.-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11A-01-75	1978	2	65

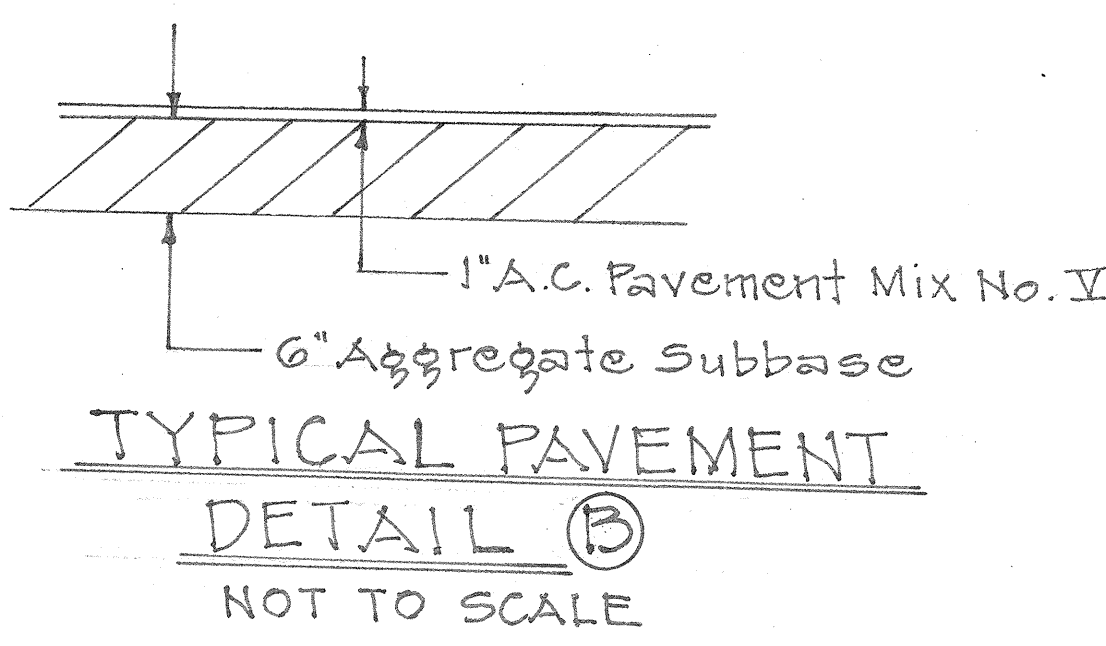


"REVISED" GUARD RAIL SCHEDULE									
REMOVAL (INCIDENTAL)					INSTALLATION				
STATION		LINEAR FEET	BEGIN		END	FLARE TYPE	STATION		LINEAR FEET
BEGIN	END		STATION	FLARE TYPE			STATION	FLARE TYPE	
193+97	200+00	603	192+50	C	200+00	E	750		
211+52	217+27	575	202+75	B	205+50	F	275		
222+04	224+38	234	211+62.5	C	217+37.5	F	575		
226+82	230+24	342	220+37.5	B	225+00	F	462.5		
237+25	241+50	425	226+62.5	C	235+00	E	837.5		
241+50	246+00	450	236+25	B	246+00	*	975		
259+48	262+63	315	258+50	B	263+75	F	525		
274+92	276+45	153	269+50	B	281+00	F	1,150		
277+52	280+49	297	286+75	B	297+25	E	1,050		
287+43	288+06	153	299+62.5	B	305+37.5	F	575		
299+93	304+34	441	308+16	B	320+03.5	F	1,187.5		
308+43	315+54	711							
317+60	319+85	225							
TOTAL		3,512					TOTAL		6,237.5

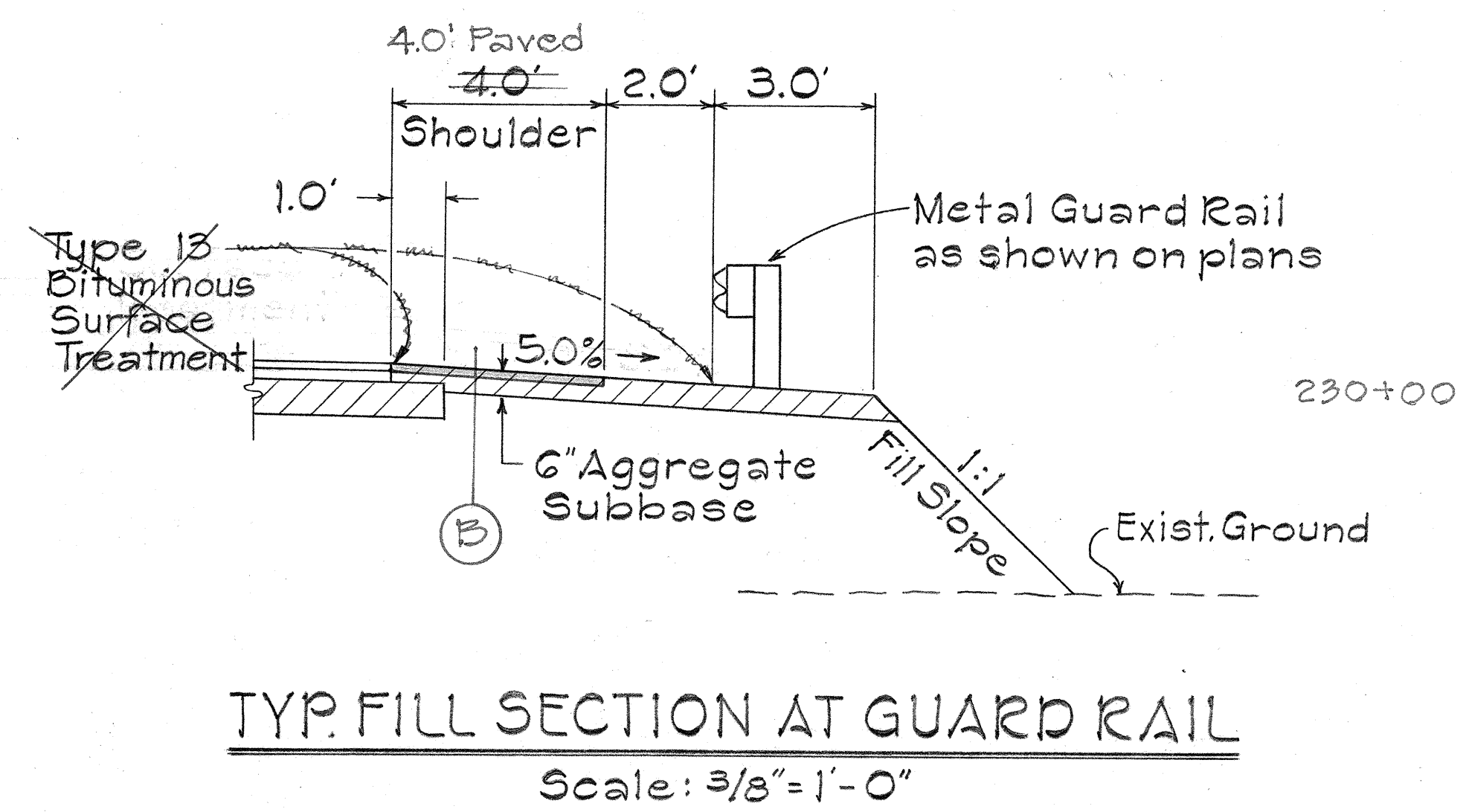
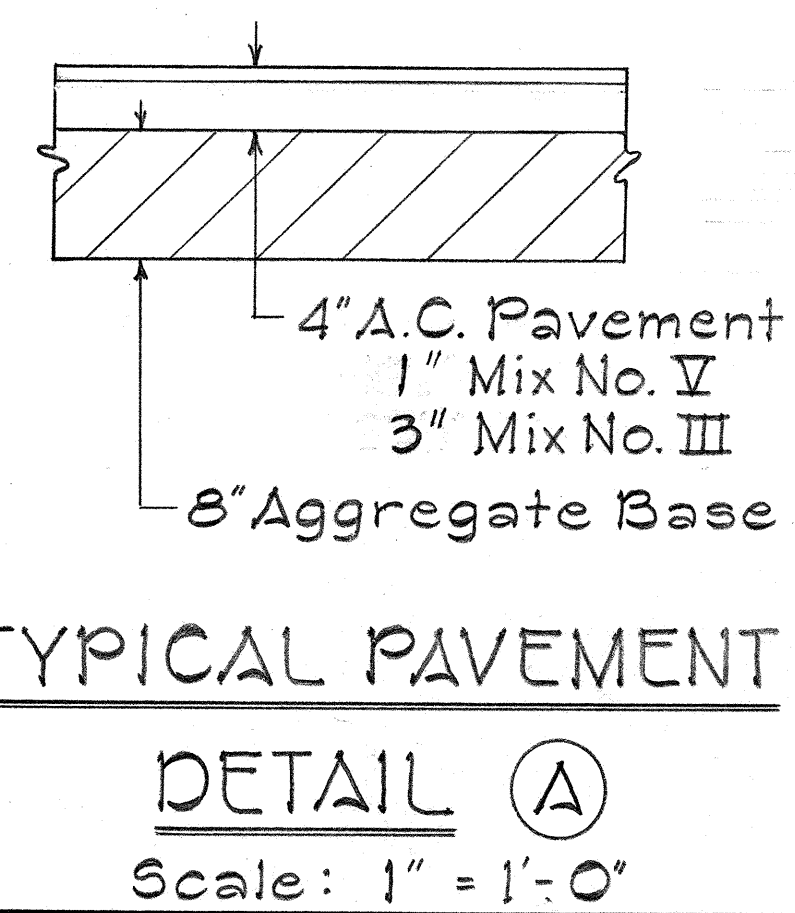
*Connect to existing guard rail.



"REVISED" SIGN SCHEDULE						
STATION	LEFT	RIGHT	TYPE	RELOCATE	INSTALL	REMARKS
188+00		✓	R4-6		✓	
193+00		✓	R4-5		✓	
196+86		✓	R4-3		✓	
224+35		✓		✓		"ELEV. 500 FEET" SIGN
231+88		✓	W1-2(L)	✓		RELOCATE TO STA. 231+0 ±
241+30		✓	W6-1	✓		
242+37		✓	W2-1	✓		
250+08		✓	R1-1	✓		SEE TRAFFIC ISLAND RESTRIPIING PLAN
251+17		✓	R1-2	✓		RELOCATE TO STA. 250+55 ±
257+74		✓	W6-2	✓		
260+75		✓	M1-3 (11)	✓		
284+78		✓	R1-1	✓	✓	RELOCATE TO STA. 284+00 ±
304+79		✓		✓		"ELEV. 1000 FEET / 305 METERS" SIGN
312+00		✓	W3-1		✓	
316+50	✓	✓	W4-2		✓	
317+64		✓	W2-2	✓		



TYPICAL SUPERELEVATED SECTIONS @ SHOULDERS
Scale: 3/8" = 1'-0"



STONE WALL FENCE SCHEDULE		
STATION BEGIN	STATION END	LINEAR FEET
193+53	199+50	637
212+50	217+04	584
220+50	224+50	440
226+75	235+35	535
236+50	242+22	587
258+50	263+75	555
264+75	265+00	20
269+00	280+50	1,175
287+50	293+00	570
300+00	304+50	480
309+00	320+15	1,150
TOTAL		7,078
		5,072

REFLECTOR MARKER (RM-1) "REVISED" SCHEDULE	
REMOVE STATION RT.	INSTALL STATION RT.
231+60 ±	232+00 ±
233+60 ±	*235+00 ±234+75
234+25 ±	237+00 ±
*235+13 ±	238+00 ±
236+61 ±	239+00 ±
237+77 ±	240+00 ±
238+28 ±	242+00 ±
238+95 ±	245+00 ±
240+60 ±	230+00 ±
	231+00 ±
*RELOCATION	

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

LAND TRANSPORTATION FACILITIES DIVISION

TYPICAL SECTIONS &

GUARD RAIL, SIGN,

FENCE SCHEDULES

KUAKINI HIGHWAY

Truck Climbing Lane, No. Kona

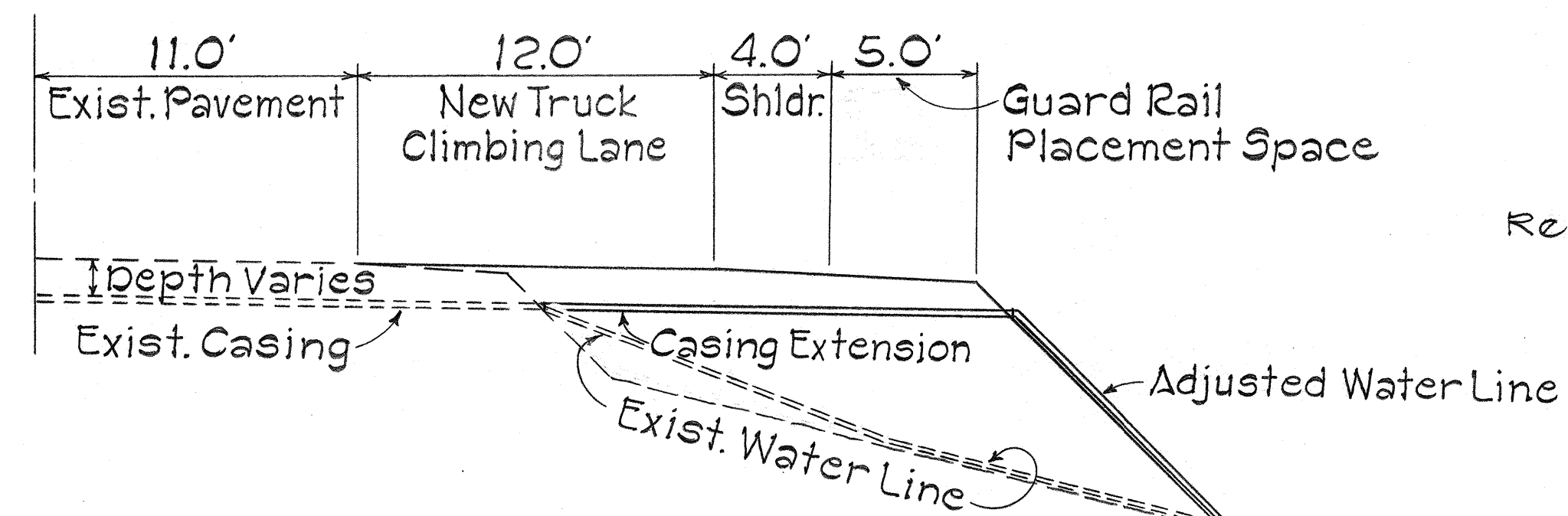
Proj. No. 11A-01-75

Scale: As Shown Date: Mar. 1978

SHEET No. 1 OF 2 SHEETS

SURVEY PLOTTED BY: _____
 DATE: _____
 DRAWN BY: _____
 CHECKED BY: _____
 NOTE BOOK NO. _____
 NO. _____

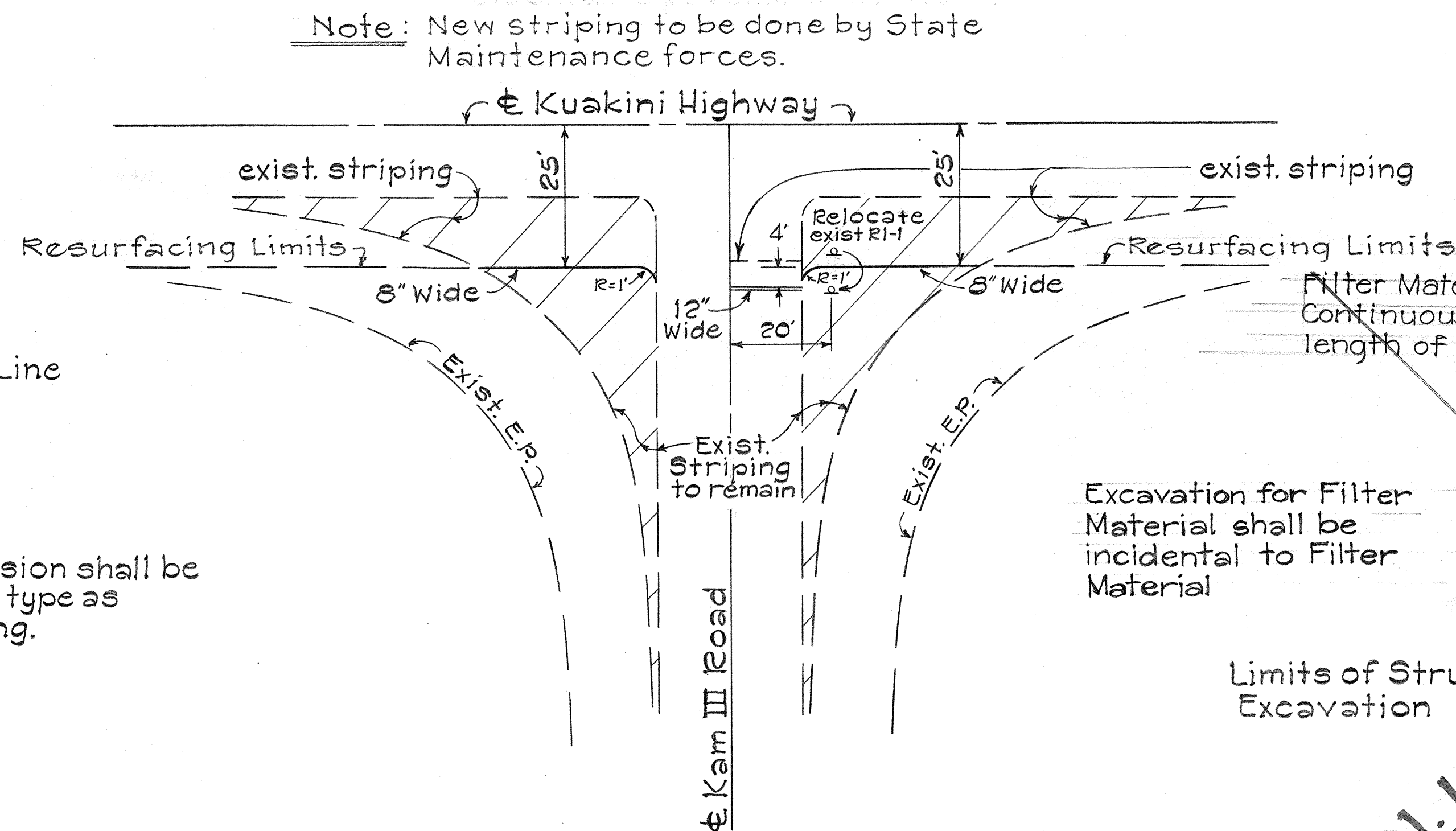
FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11A-01-75	1978	3	65



TYPICAL WATER LINE ADJUSTMENT

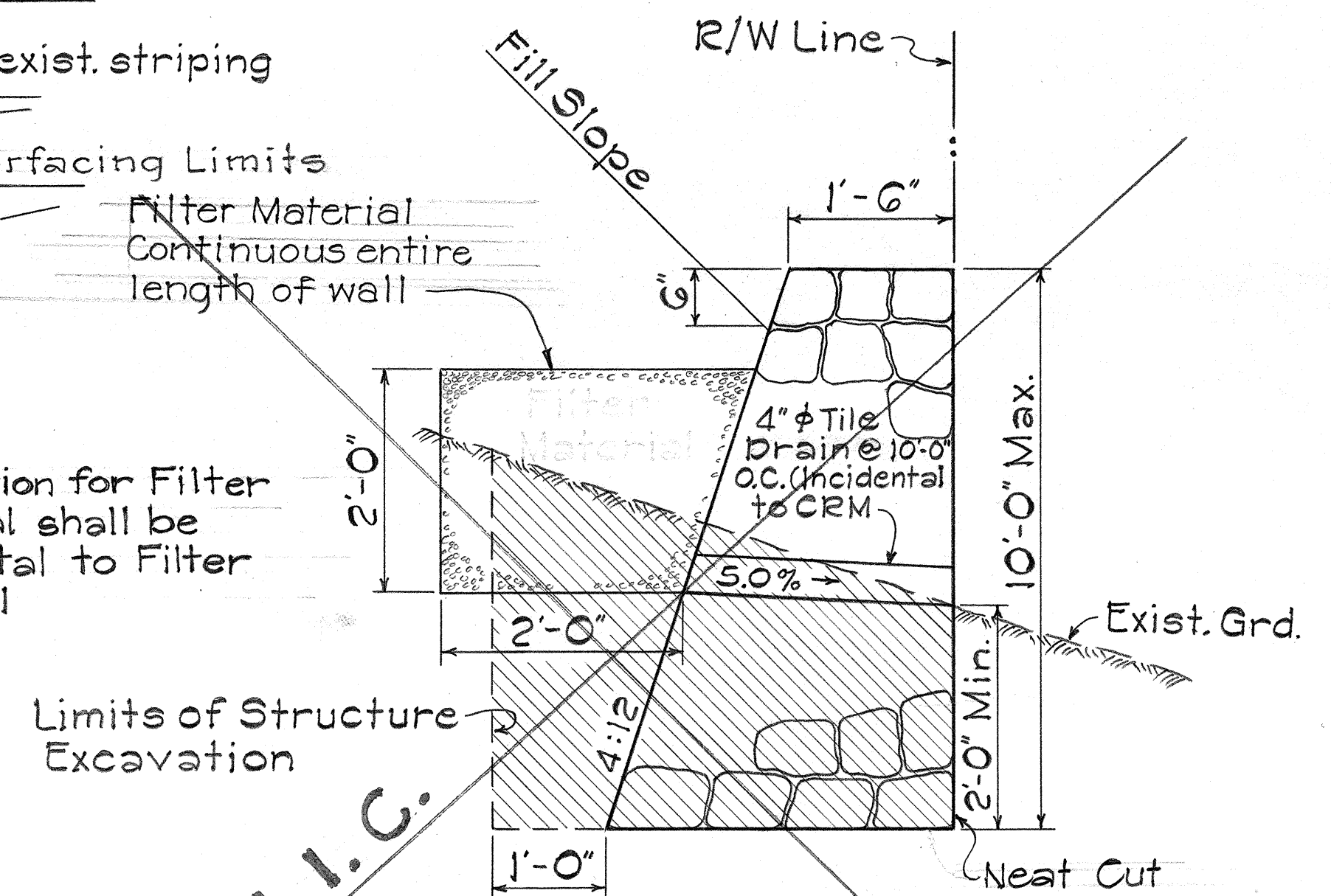
Not To Scale

Note: Casing Extension shall be same size and type as existing casing.



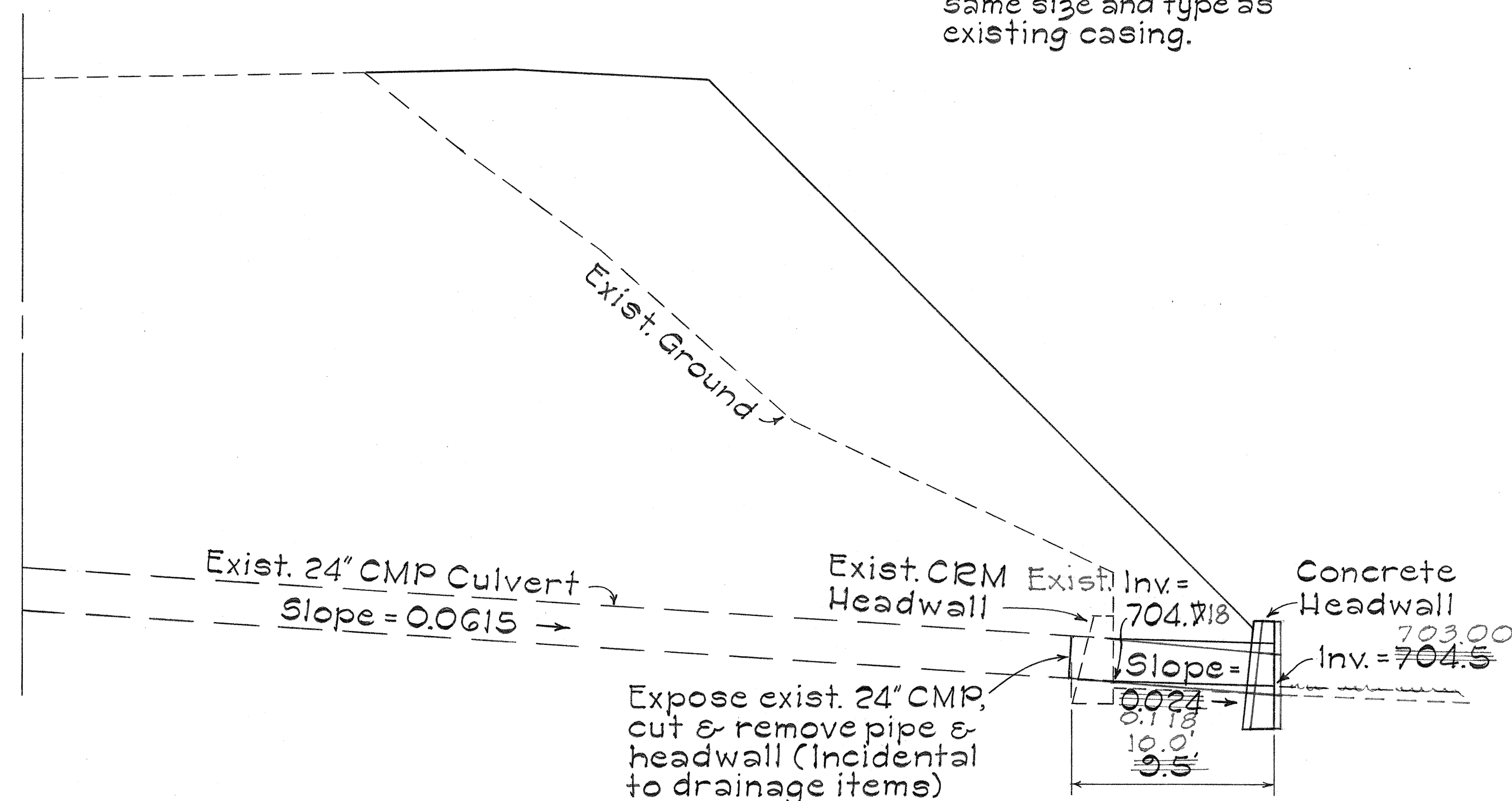
TRAFFIC ISLAND RESTRIPIING PLAN

Not To Scale



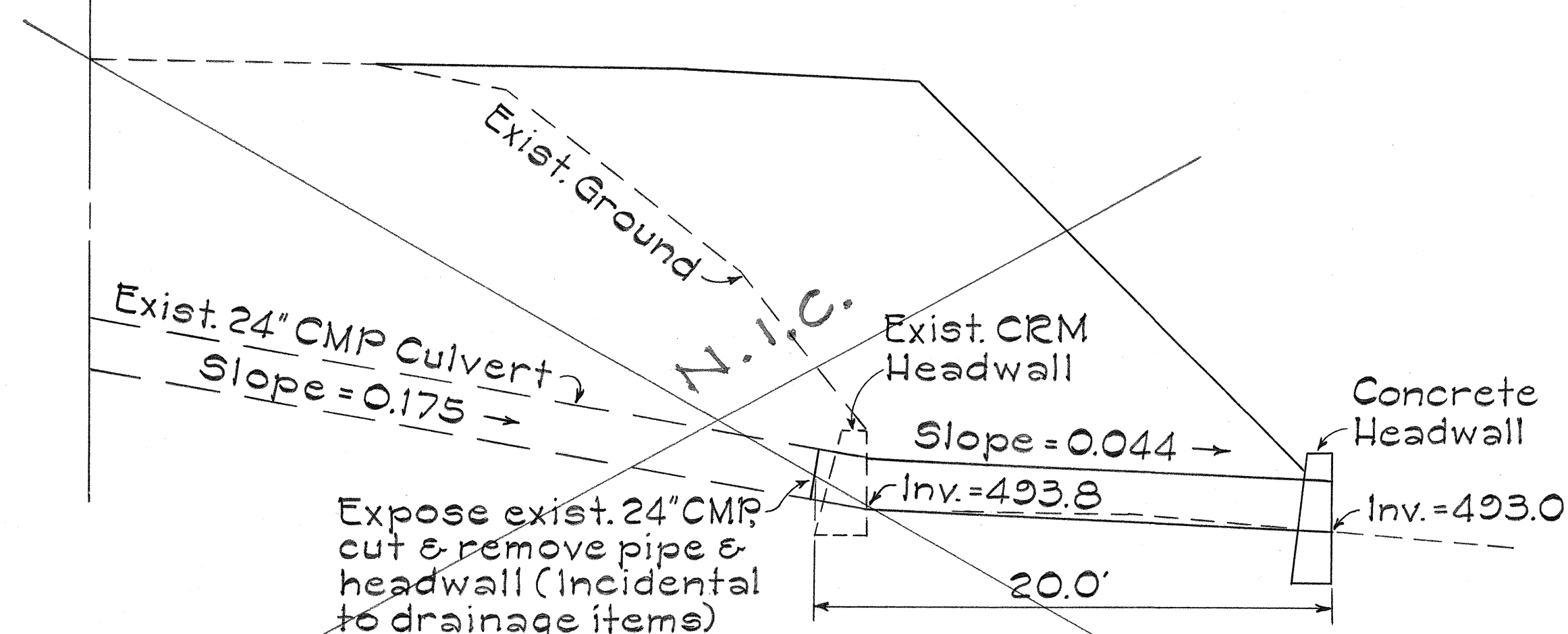
TYPICAL SECTION ~CRM WALL

Not To Scale



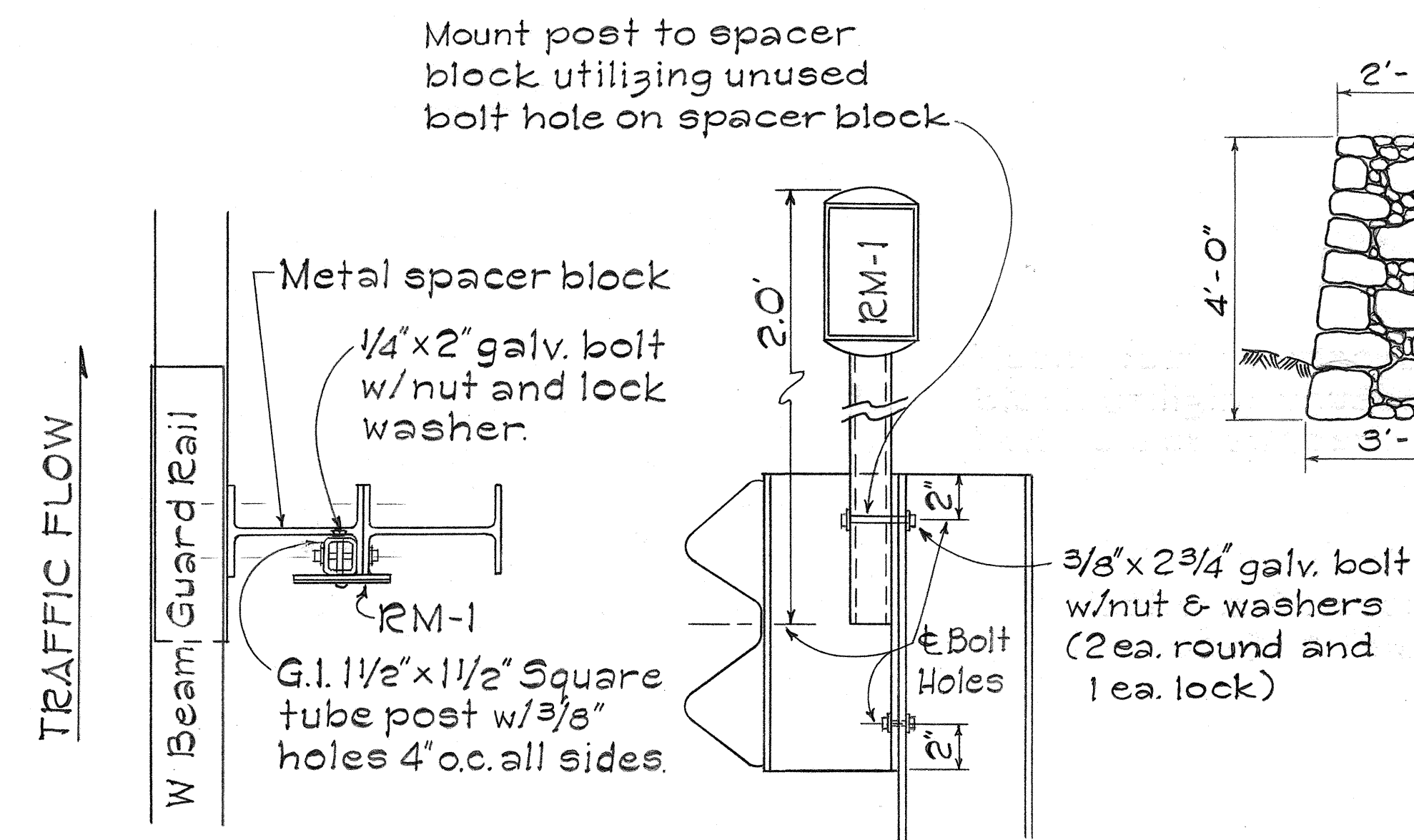
CULVERT SECTION AT STATION 279+20

Scale: 1" = 5'



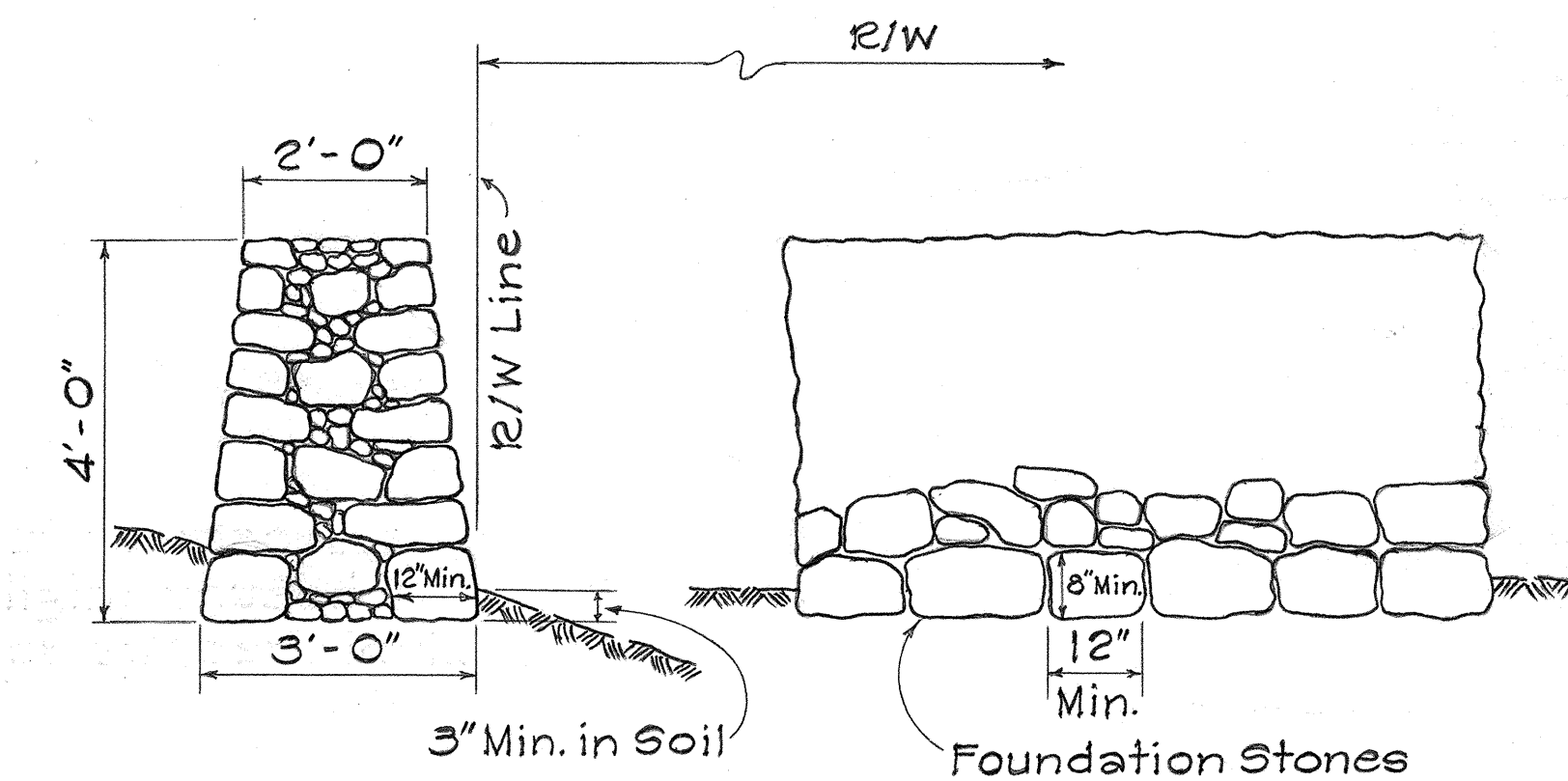
CULVERT SECTION AT STATION 227+29

Scale: 1" = 5'



RM-1 MOUNTING ON GUARD RAIL DETAIL

Not To Scale



DETAIL OF STONE WALL

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION
MISCELLANEOUS DETAILS
KUAKINI HIGHWAY
Truck Climbing Lane
North Kona
Proj. No. 11A-01-75
Scale: As Shown Date: Mar. 1978
SHEET No. 2 OF 2 SHEETS