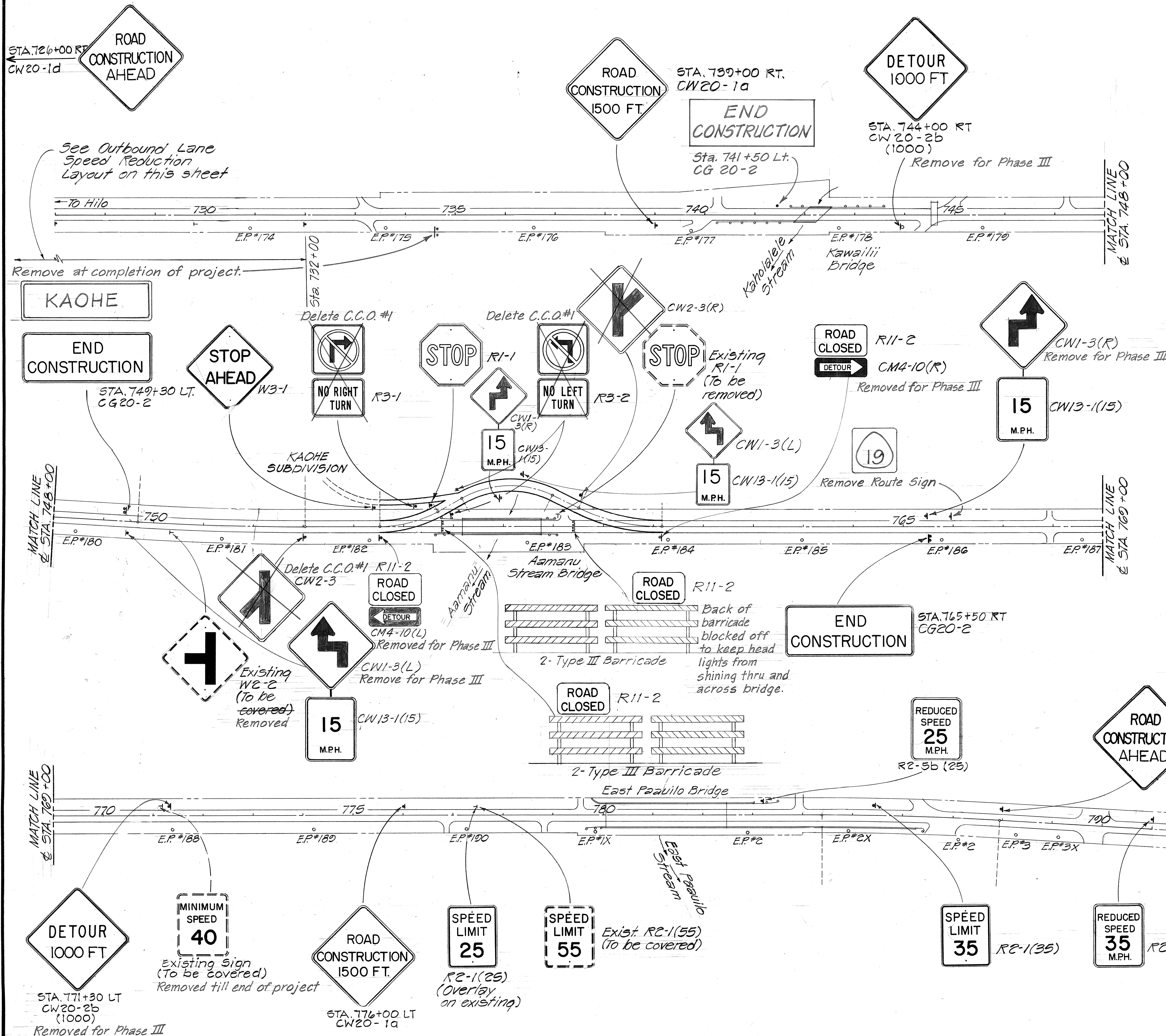


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BRF-019-2(18)	1981	11	63



GENERAL NOTES:

- All painted stripes shall be done by State Forces.
- The Contractor shall furnish, deliver and install the pavement markers in accordance with the Special Provisions and as shown on the plans. At certain locations where striping is required, the Contractor shall install the pavement markers only after striping has been done by State Forces.
- For Summary of Markers and Signs, see sheet no. 12 & 13.
- Removal of existing markers, signs and pavement striping and stock piling of existing signs in an area designated by the Engineer shall be incidental to relocated and/or new sign installation.
- All signs within the project limits shall be reflectorized and shall conform to Section 712.20 (c)(3), Sheet Reflecting Material.
- Exact location of traffic signs shall be approved by the Engineer.
- Pavement markings shall conform to the "Manual on Uniform Traffic Control Devices for Streets and Highways", 1978 and as shown on the plans.
- All existing signs to be covered or removed shall be considered incidental to new sign installation.
- Amber flasher or steady burn lamps shall be incidental to Type III barricades.
- Construction Warning Signs shall be placed in conformance with positions shown and described in the "Manual on Uniform Traffic Control Devices for Streets and Highways", 1978, Part III, Section 6B-3, and as amended.
- The Contractor shall remove and dispose of all construction and warning signs upon completion of this project and as directed by the Engineer. Payment shall be incidental to the various contract items.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC SIGN LAYOUT & GENERAL NOTES

Hawaii Belt Road
Aamau Stream Bridge Replacement
F.A. Proj. No. BRF-019-2(18)

Scale: As Noted Date: Oct. 1978

SHEET NO. 1 OF 3 SHEETS

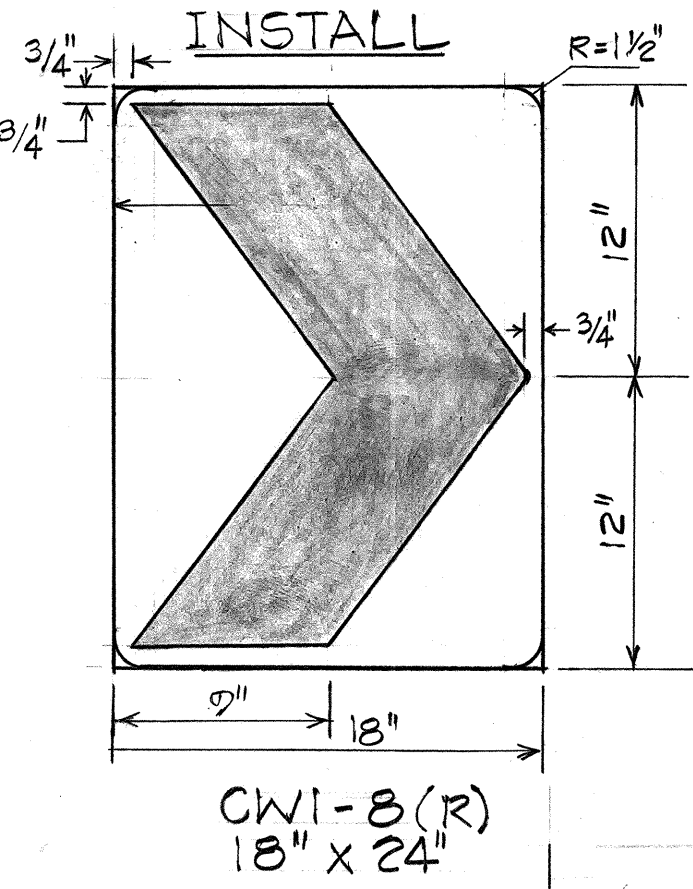
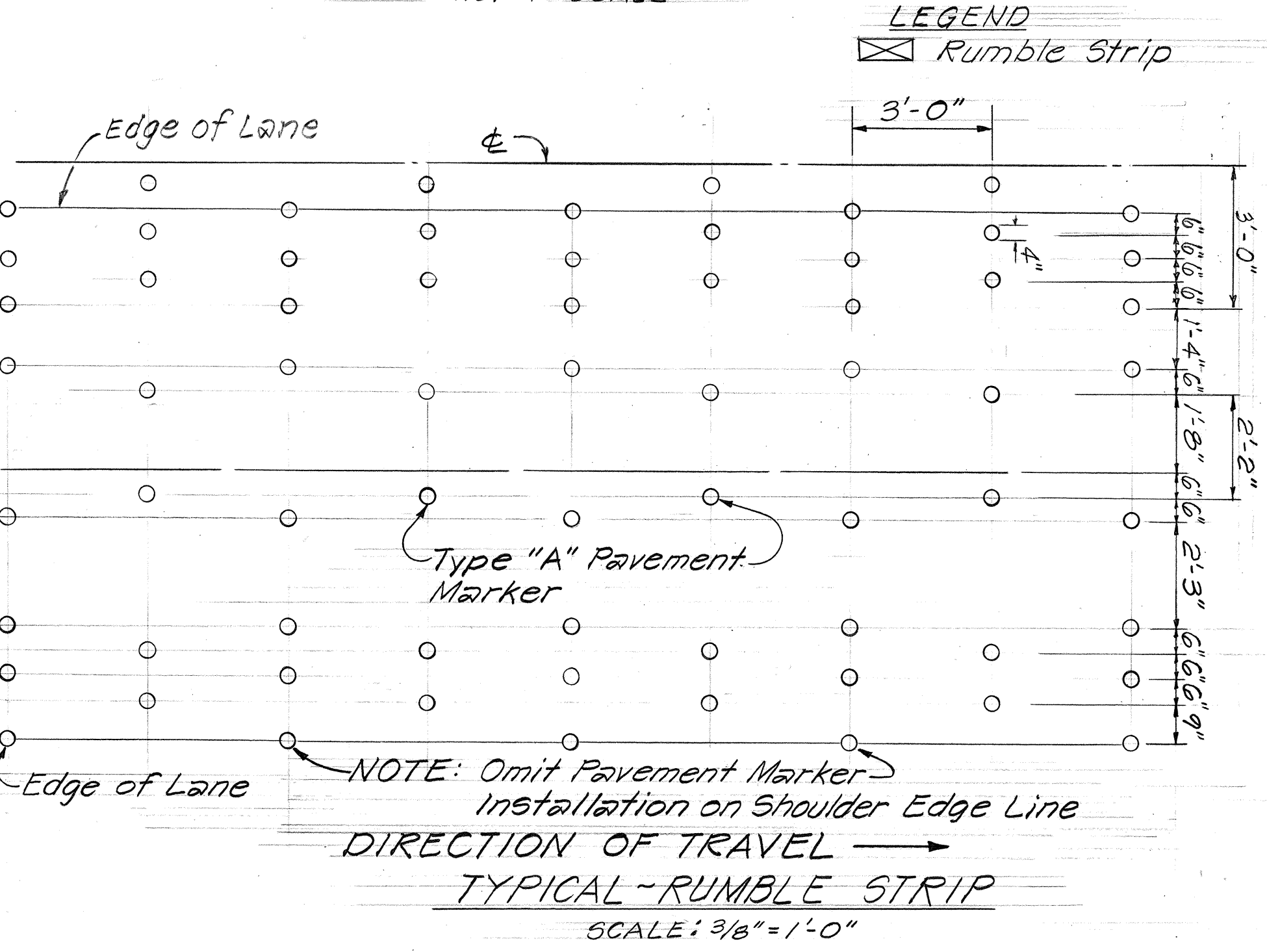
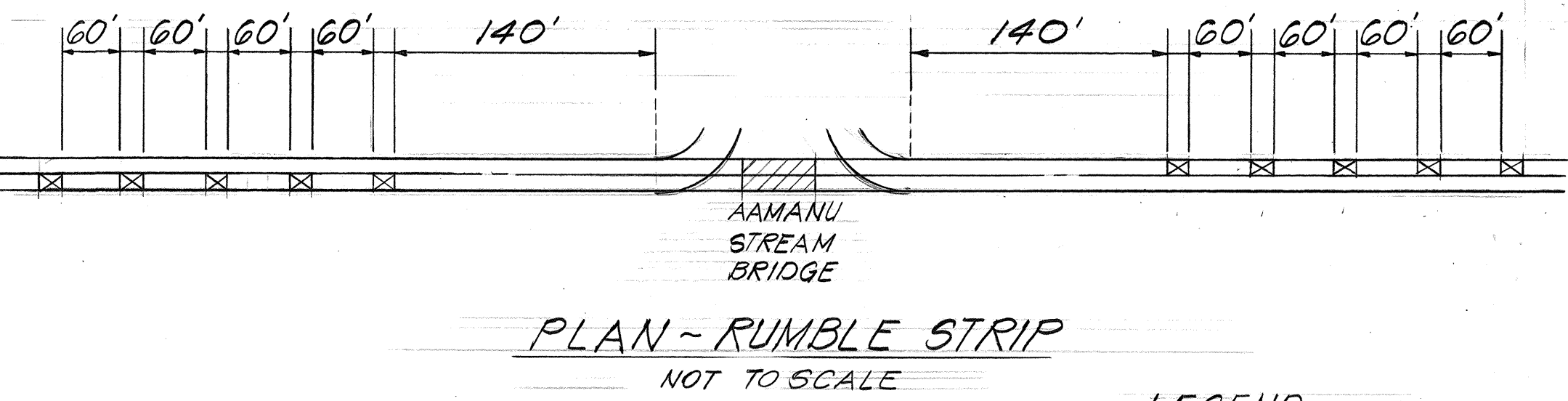
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BRF-019-2(18)	1981	12	63

SUMMARY OF REGULATORY & WARNING SIGNS				
STATION	TYPE			DESCRIPTION
	W/POST	WO POST	ON BARRICADE	
712 + 00 RT.	R2-5b(45)			Reduced Speed (45)
717 + 50 RT.	R2-1(45)			Speed Limit (45)
710 + 50 RT.	R2-5b(35)			Reduced Speed (35)
725 + 00 RT.	R2-1(35)			Speed Limit (35)
727 + 00 RT.	R2-5b(25)			Reduced Speed (25)
732 + 00 RT.	R2-1(25)			Speed Limit (25)
740 + 30 RT.	CW1-3(L)	CW13-1(15)		15 M.P.H. Curve (Left)
753 + 00 RT.	CW2-3			Intersection (Left)
754 + 50 RT.		R11-2		Road Closed
Kaohē Rd., RT. (See Plan)	W3-1	Relocate CCO#1		Stop Ahead
Kaohē Rd., RT. (See Plan)	R3-1			No Right Turn
Kaohē Rd., RT. (See Plan)	R1-1	Relocate CCO#1		Stop
755 + 80 Detour Rd.			R11-2	Road Closed
Sta. 1+50 RT.	R3-2			No Left Turn
Detour Rd. Sta. 1+75 LT.	R3-2			No Left Turn
Detour Rd. Sta. 2+50 RT.	CW1-3(R)	CW13-1(15)		15 M.P.H. Curve (Right)
Detour Rd. Sta. 3+00 LT.	CW1-3(L)	CW13-1(15)		15 M.P.H. Curve (Left)
Detour Rd. Sta. 4+40 LT.	CW2-3(R)			Intersection (Right)
758 + 40		R11-2		Road Closed
760 + 20 RT.		R11-2		Road Closed
765 + 50 LT.	CW1-3(R)	CW13-1(15)		15 M.P.H. Curve (Right)
771 + 50 LT.		R2-1(25)		Speed Limit (25)
783 + 20 LT.	R2-5b(25)			Reduced Speed (25)
785 + 50 LT.	R2-1(35)			Speed Limit (35)
791 + 00 LT.	R2-5b(35)			Reduced Speed (35)
Detour Rd.	W1-8			Chevron Alignment Signs
793 + 00 LT.	R2-1(45)			Speed Limit (45)
798 + 50 LT.	R2-5b(45)			Reduced Speed (45)
See Kaohē Subd.	R1-1			Stop
Detour Rd. (Kaohē)	R1-2			Yield
Detour Rd. (Kaohē)			R11-2	Road Closed
Detour Rd. (Kaohē)	CW1-7			

SUMMARY OF CONSTRUCTION SIGNS			
STATION	TYPE		DESCRIPTION
	W/POST	ON BARRICADE	
730 + 00 RT.	CW20-1a		Road Construction (1500 Ft.)
744 + 00 RT.	CW20-2b		Detour (1000 Ft.)
754 + 50 RT.	CW4-10(L)		Detour (Left)
740 + 30 LT.	CG20-2		End Construction
765 + 50 RT.	CG20-2		End Construction
760 + 20 RT.	CW4-10(R)		Detour (Right)
771 + 30 LT.	CW20-2b		Detour (1000 Ft.)
776 + 00 LT.	CW20-1a		Road Construction (1500 Ft.)
788 + 00 LT.	CW20-1d (AHEAD)		Road Construction Ahead
786 + 00 RT.	CW20-1d (AHEAD)		Road Construction Ahead
See Kaohē Subd.	CW20-3		Road Closed Ahead
Detour Road	CW20-3		Road Closed Ahead

SUMMARY OF DESTINATION SIGN			
STATION	W/POST	AMOUNT	DESCRIPTION
Kaohē Detour Road		3	Kaohē → or ←

SUMMARY OF PAVEMENT MARKERS				
STATION	DESCRIPTION	TYPE		
		D	H	J
H.B.R. Sta. 751+45 to 754+50±	No Passing - Both Sides (Ph. I)	16		
D.R. Sta. 0+00± to 5+34.78±	No Passing - Both Sides (Ph. I)	30		
H.B.R. Sta. 760+15.63± to 763+30	No Passing - Both Sides (Ph. I)	16		
Kaohē Road (Phase III)	No Passing - Both Sides (Ph. I)	7		
Kaohē Road (Entrance)	Traffic Delineators Amt. 8ea.			
Kaohē Subdivision Detour	Type III Barricade Amt. 4 ea.			



- NOTE
- Spacing of these signs shall be such that the motorists have two in view until the change in alignment eliminates the need for the sign.
 - Color:
Chevron - Black
Background - Orange (Refl.)

DATE	REVISION
8/24/81	Revised Rumble Strip Designs

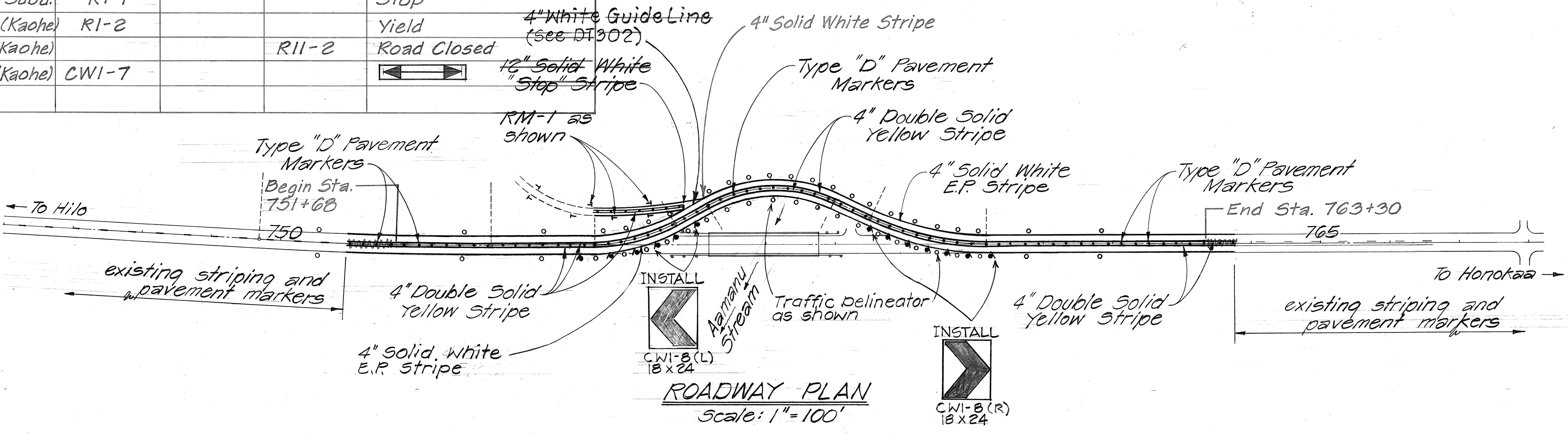
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SUMMARY OF SIGNS & PAVEMENT MARKERS

Hawaii Belt Road
Aamānu Stream Bridge Replacement
F.A. Proj. No. BRF-019-2(18)

Scale: As Noted Date: Nov. 1978

SHEET NO. 2 OF 3 SHEETS



SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BRF-019-2(18)	1981	13	63

SUMMARY OF REGULATORY & WARNING SIGNS					
H.B.R. STATION		TYPE W/POST		DESCRIPTION	REMARKS
FROM	TO	632.7000	621.5100		
755+70 Lt.	757+85 Lt.	R1-1		Stop	"Relocated" Sign
765+40 Lt.	765+40 Lt.		W2-2	Intersection (Right)	

SUMMARY OF PAVEMENT MARKERS				
STATION	DESCRIPTION	TYPE		
		D(622.0040)	H(622.0070)	J(622.0080)
HBR Sta. 750+00-753+00	Passing-Both Sides	8	-	30
HBR Sta. 753+00-758+00	Passing Left-No Passing Right	13	13	50
HBR Sta. 758+00-764+00	Passing Left-No Passing Right	15	15	60
Sideroad Connection	No Passing-Both Sides	14	-	-

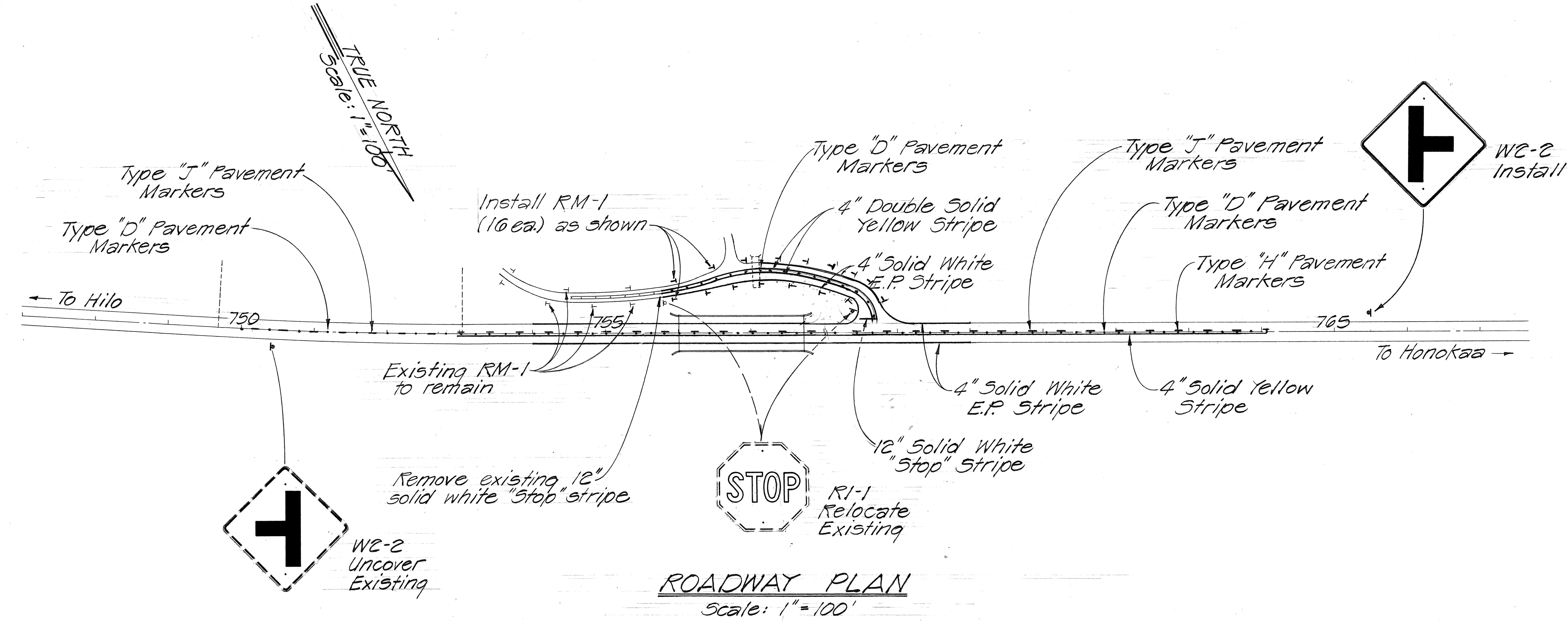
SUMMARY OF REFLECTOR MARKERS			
LOCATION	W/POST (621.4100)	DESCRIPTION	REMARKS
Sideroad Connection, Lt. & Rt.	16	RM-1	Reflector Mkr. w/ Post

SUMMARY OF DELINEATORS/MARKERS		
LOCATION	DESCRIPTION	DELINEATOR/MARKER W/POST
Hawaii Belt Road	Traffic Delineator	10
Detour Road	Traffic Delineator	37
Kaohu Subd. Road	RM-1	7

SUMMARY OF BARRICADES	
STATION	QUANTITY
755+80 Lt. & Rt.	2
758+40 Lt. & Rt.	2

NOTES

- Signs, pavement markers, stripings, reflector markers, barricades, which were placed in Phase I shall be relocated and/or removed, as shown in Phase III.
- All items in Note no. 1, which are removed and unused, from Phase I for Phase III, shall belong to the Contractor.
- Relocation of existing signs and reflector markers shall be paid under the applicable contract items.
- Removal of existing signs, pavement markers, stripings, etc., not incorporated into the final traffic pattern will not be measured for payment and shall be considered incidental to the applicable contract items.
- Existing signs which were covered during Phase I shall be uncovered. This work shall be incidental to the Phase I signs.



STATE OF HAWAII	
DEPARTMENT OF TRANSPORTATION	
HIGHWAYS DIVISION	
SUMMARY OF SIGNS & PAVEMENT MARKERS	
Hawaii Belt Road	
Aamau Stream Bridge Replacement	
E.A. Proj. No. BRF-019-2(18)	
Scale: As Noted	Date: Dec. 1978
SHEET NO. 3 OF 3 SHEETS	

PHASE III