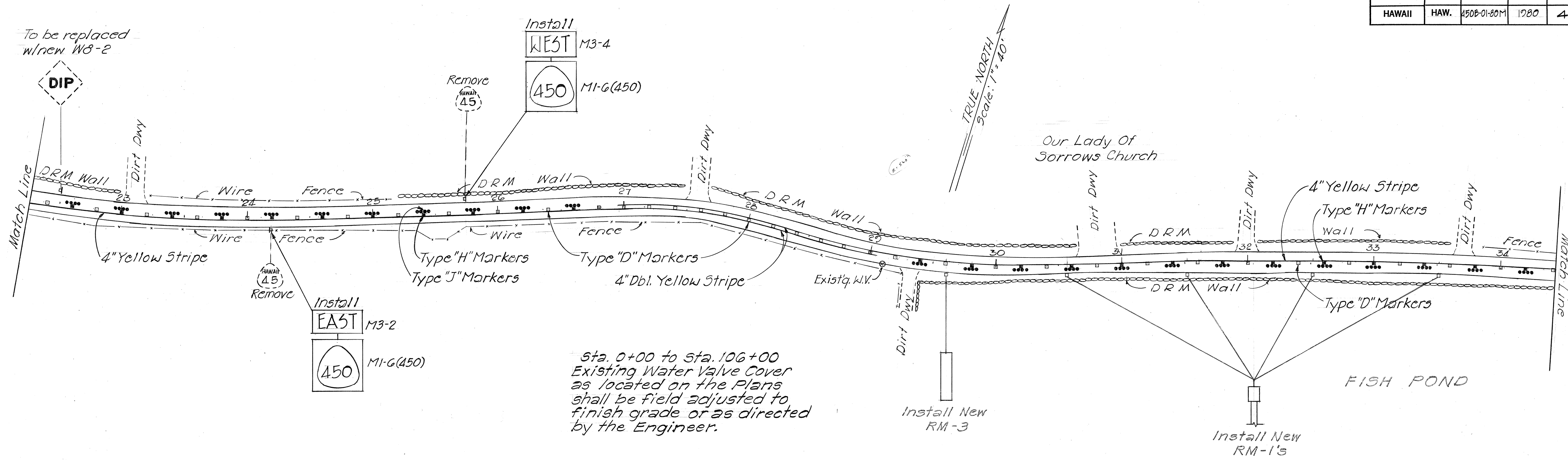
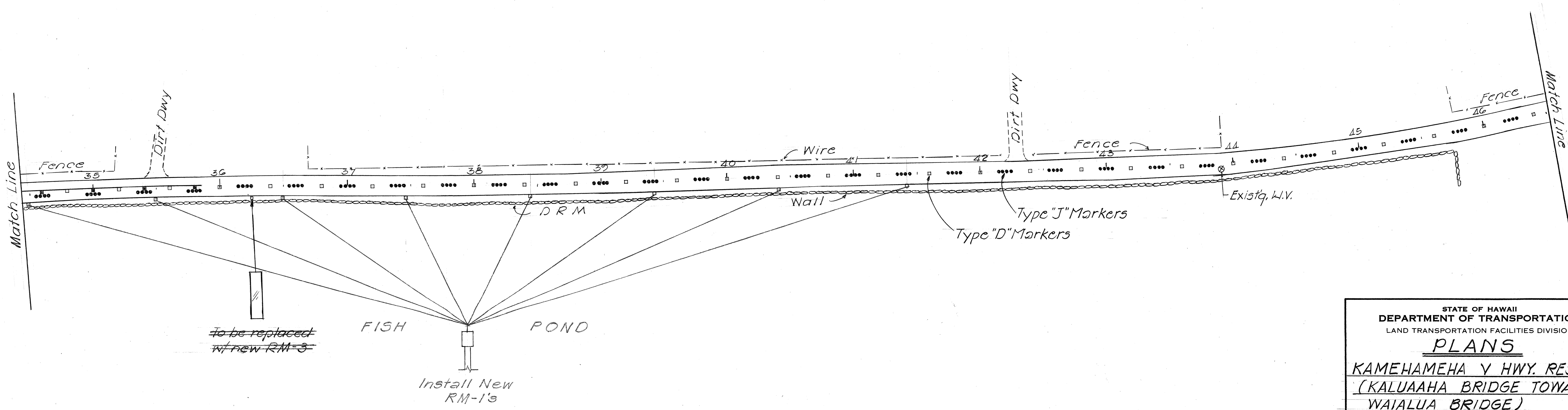


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450B-01-80M	1980	4	18



Sta. 0+00 to Sta. 106+00
Existing Water Valve Cover
as located on the Plans
shall be field adjusted to
finish grade or as directed
by the Engineer.



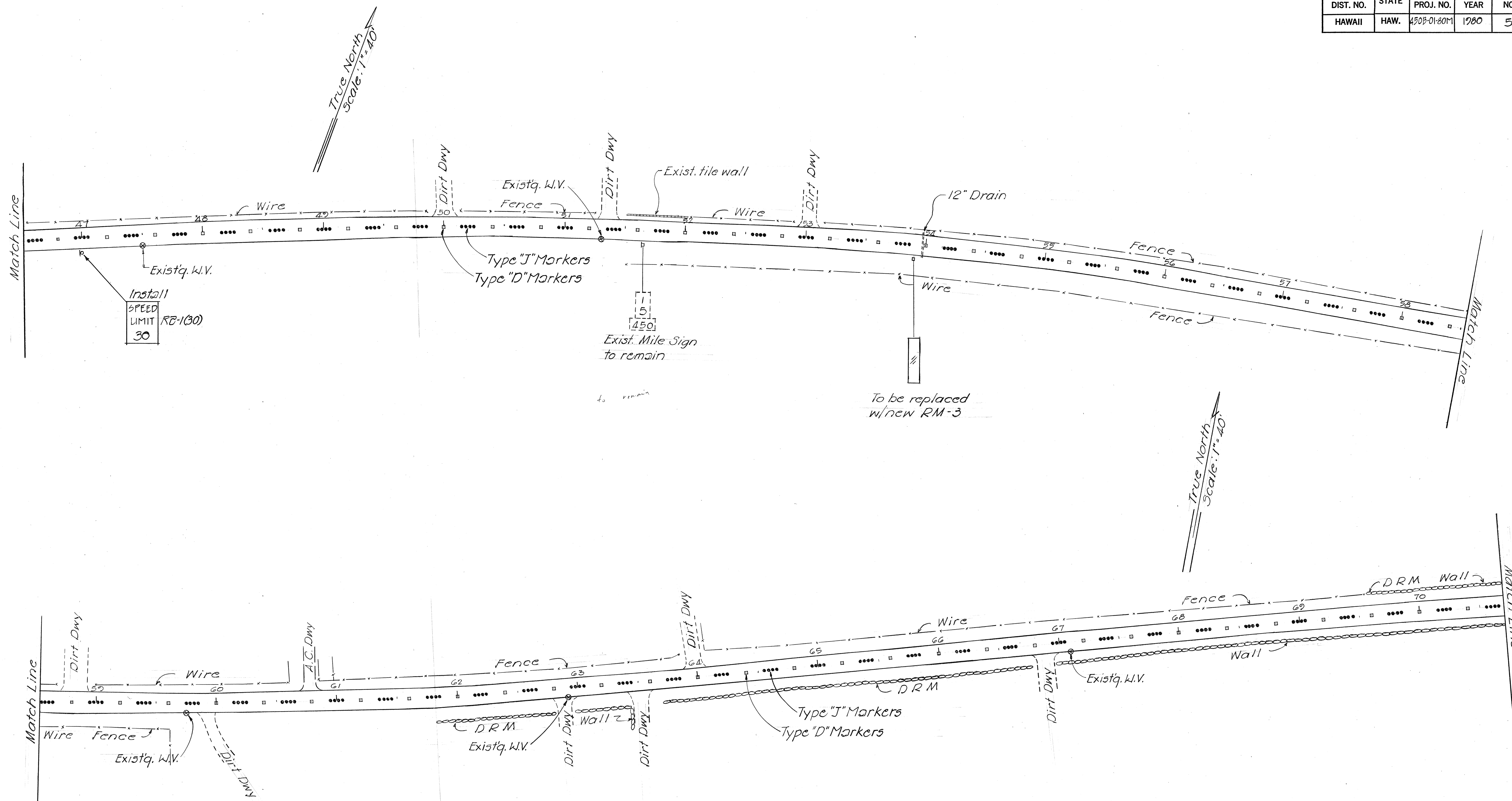
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

PLANS
KAMEHAMEHA V HWY. RESURF.
(KALUAHA BRIDGE TOWARDS
WAIALUA BRIDGE)
PROJ. NO. 450B-01-80M
SCALE: AS NOTED
FEB. 1980

SHEET No. 2 OF 7 SHEETS

SURVEY PLOTTED BY	DATE
DESIGNED BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
NO.	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450B-01-80M	1980	5	18



ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

PLANS

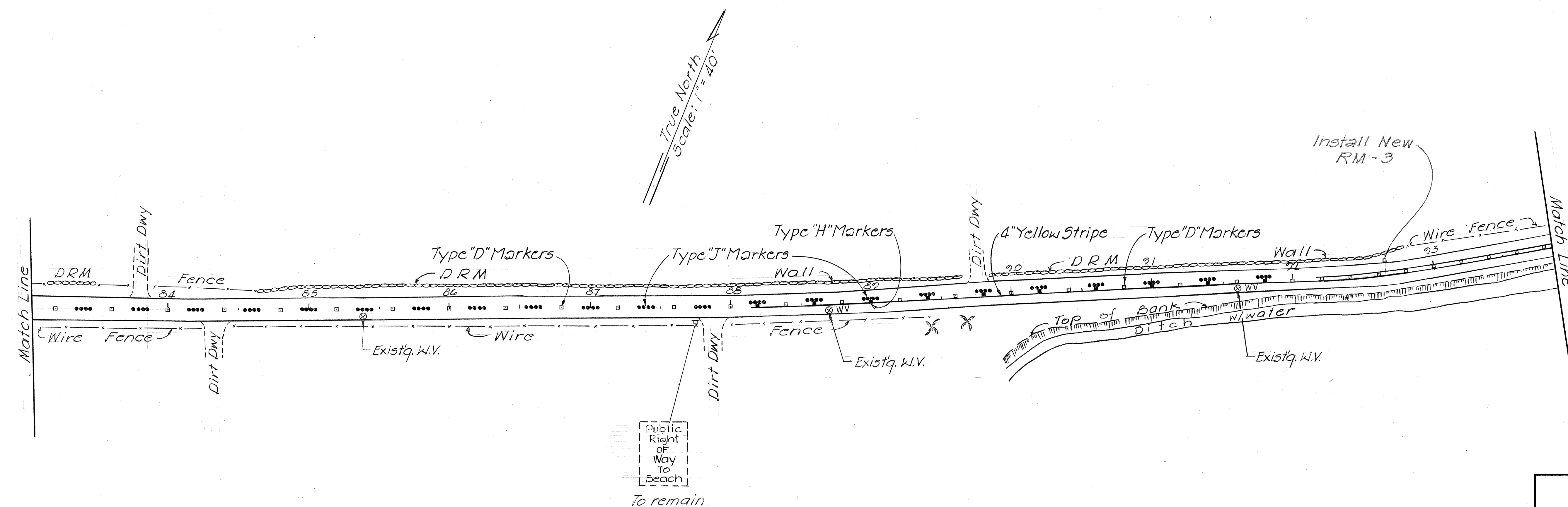
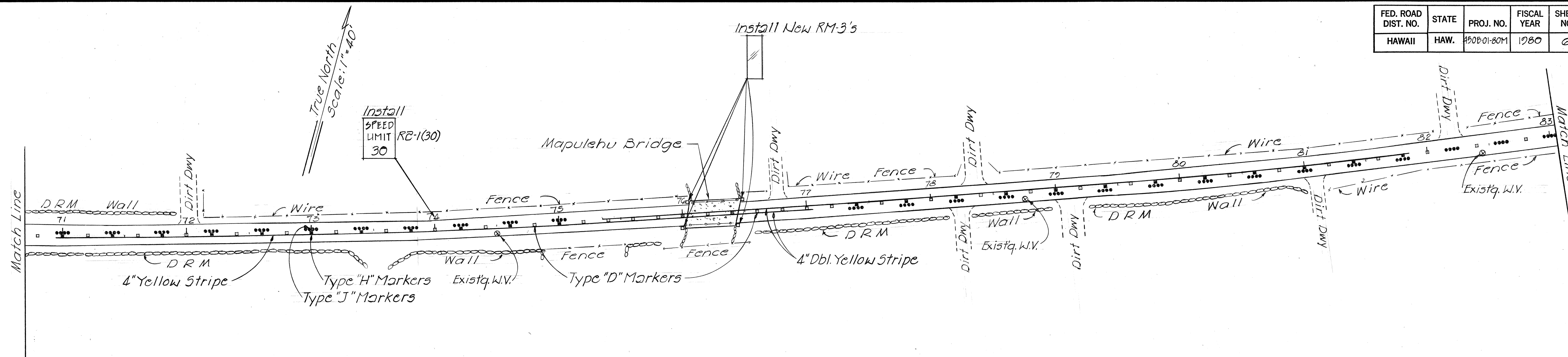
KAMEHAMEHA V HWY. RESURF.
(KALUAHA BRIDGE TOWARDS
WAIALUA BRIDGE)

PROJ. NO. 450B-01-80M

SCALE: AS NOTED FEB. 1980

SHEET No. 3 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450B-01-80M	1980	6	18



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

PLANS

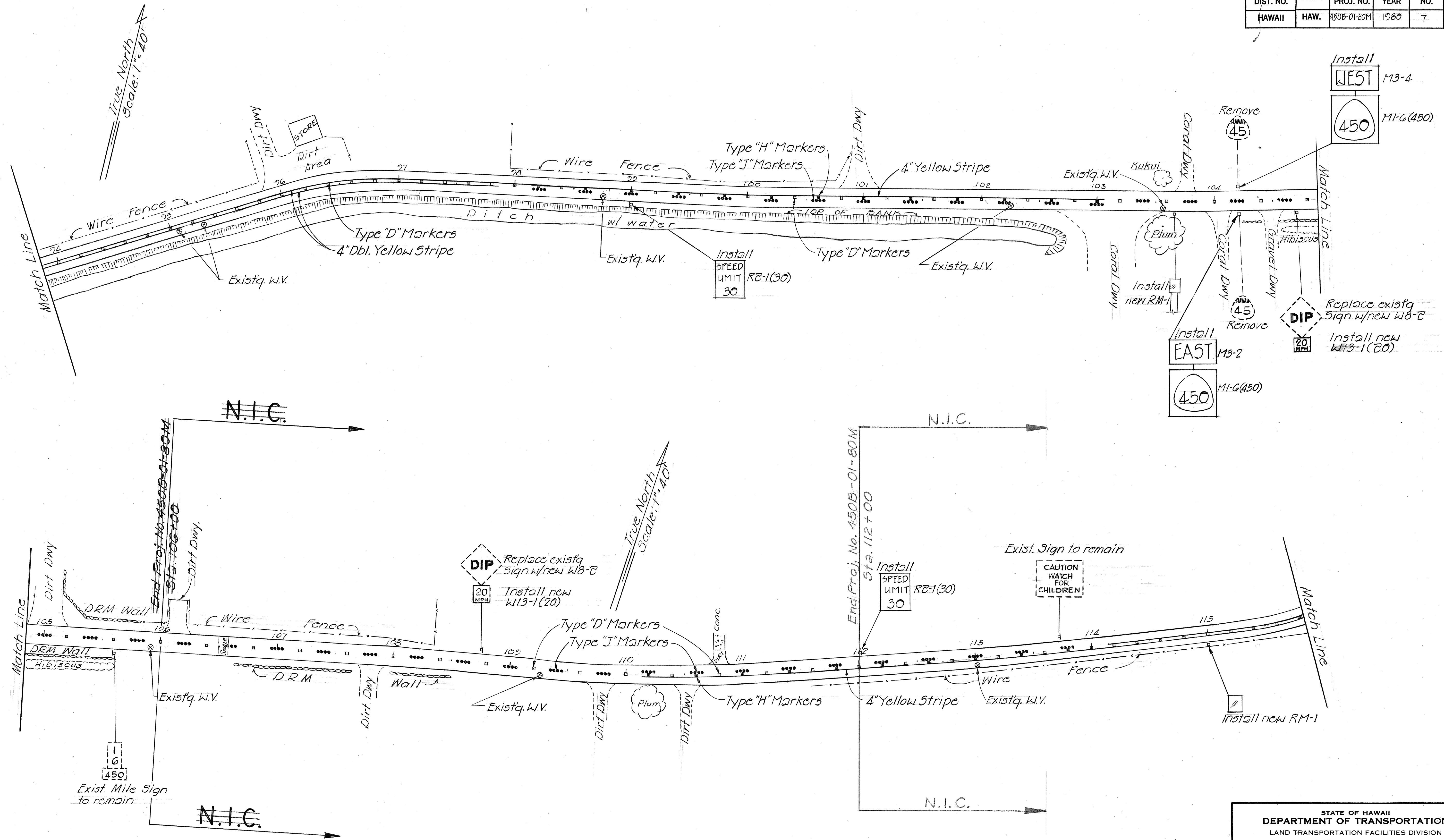
KAMEHAMEHA V HWY. RESURF.
(KALUAHA BRIDGE TOWARDS
WAIALUA BRIDGE)

PROJ. NO. 450B-01-80M

SCALE: AS NOTED FEB. 1980

SHEET No. 4 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450B-01-80M	1980	7	18



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

PLANS

KAMEHAMEHA V HWY. RESURF
(KALUAHA BRIDGE TOWARDS
WAIALUA BRIDGE)

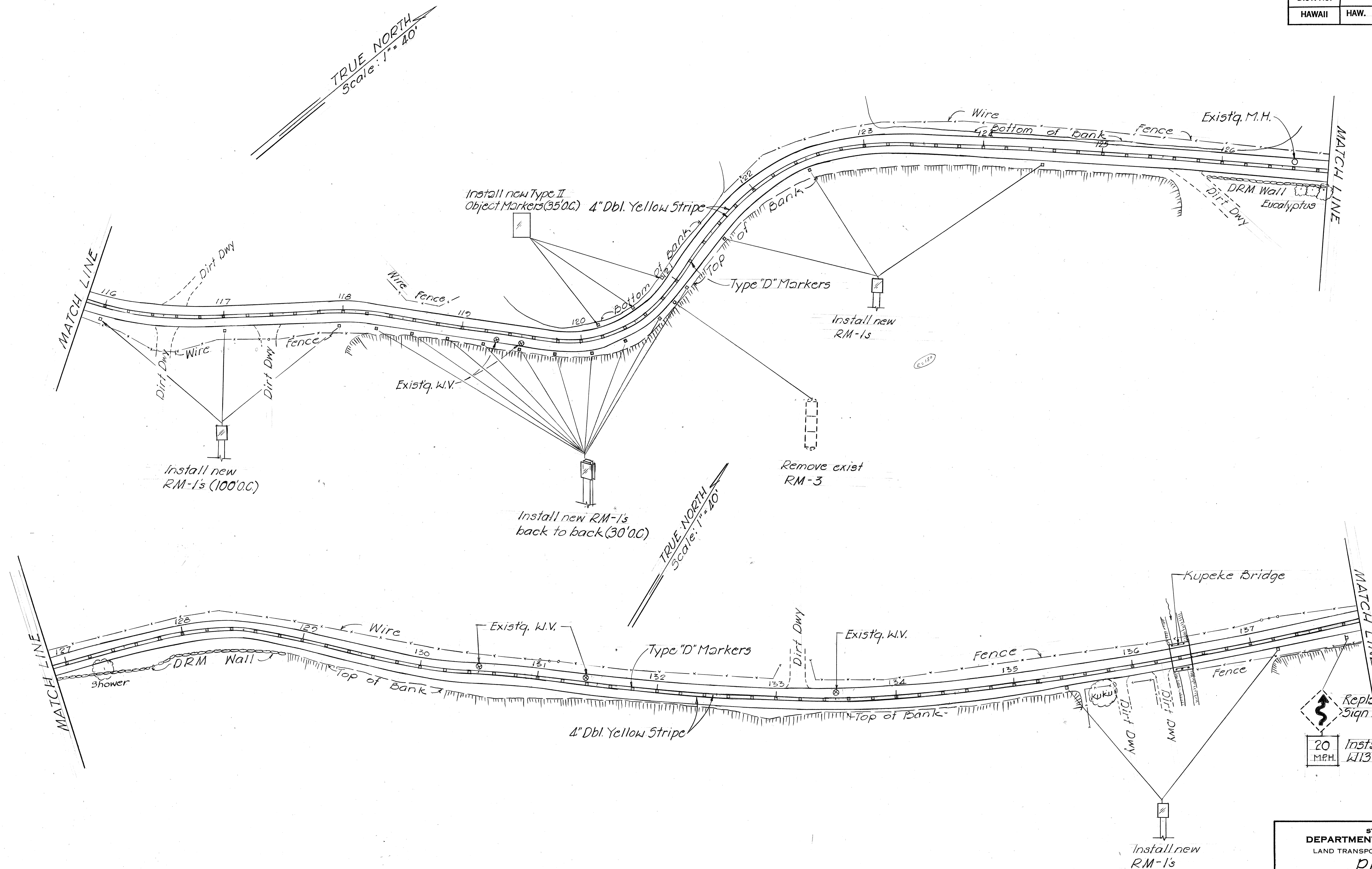
PROJ. NO. 450B-01-80M

SCALE: AS NOTED FEB. 1980

SHEET NO. 5 OF 7 SHEETS

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

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450B-01-80M	1980	8	18



Replace Existg Sign w/ new K1-5(R)
 20 M.P.H. W13-1(20)

THIS SHEET N.I.C.

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 LAND TRANSPORTATION FACILITIES DIVISION
PLANS
 KAMEHAMEHA V HWY. RESURF.
 (KALUAHA BRIDGE TOWARDS
 WAIALUA BRIDGE)
 PROJ. NO. 450B-01-80M
 SCALE: AS NOTED FEB. 1980
 SHEET NO. 6 OF 7 SHEETS

ORIGINAL PLAN	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
No.	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450B-01-80M	1980	9	18

Sta. 145+00 to Sta. 185+00
 For construction/installation of Signs, Reflector Markers, Pavement Markers and adjusting W.V. & M.H. Covers, see Tables, this Sheet.

SUMMARY OF PAVEMENT MARKERS					
Sta. to Sta.	Centerline Markings	Pavement Markers - Ea.			Pavement Striping - L.F.
		Type "D"	Type "H"	Type "J"	
0+00 to 145+00	See Plans	466	105	1036	14500
145+00 to 161+40	"No Passing"	82			1640
161+60 to 171+20	"Passing"	25		26	280
171+40 to 172+40	"No Passing" (Outbound) - "Passing"	4	4	16	120
172+60 to 185+00	"No Passing"	61			1260
	TOTAL	638	109	1148	18500

NOTE:
 4" yellow stripe 10' long shall be painted over installed Type "J" Markers at all "Passing" zones. Quantities included in Summary above

SUMMARY~ADJUST W.V. COVER AND M.H. FRAME & COVER		
Station	W.V. Cover	M.H. Frame & Cover
Sta. 0+00 to Sta. 145+00	28 (See Plans)	1 (See Plans)
Sta. 147+20 Lt.		1
Sta. 152+10 Lt.	1	
Sta. 156+20 Lt.	1	
Sta. 160+00 Lt.	1	
Sta. 168+40 Lt.	1	
Sta. 171+00 Lt.	1	
TOTAL	33	2

INSTALLATION AND REPLACING EXISTING SIGNS BETWEEN STA. 145+00 TO STA. 185+00		INSTALLATION OF REFLECTOR MARKERS AND OBJECT MARKERS BETWEEN STA. 145+00 TO STA. 185+00				
Station	Description	Station	Reflector Markers			Type II Object Markers
			RM-1	RM-1 (Dbl)	RM-3	
Sta. 0+00 to Sta. 145+00	See Plans	Sta. 0+00 to Sta. 145+00				
Sta. 146+50 Rt.	W1-5(R) w/W13-1(20)	See Plans	10	31	6	
Sta. 151+00 Lt.	W1-5(L) w/W13-1(20)	Sta. 147+80		1		
Sta. 155+30 Rt.	W5-2	Sta. 148+30 to Sta. 151+60 Rt. (30' O.C.)		12		
Sta. 156+20 Lt.	W5-2	Sta. 152+00 Rt.		1		
Sta. 170+00 Lt.	R2-1(30)	Sta. 156+00 Rt. & Lt.			2	
Sta. 173+25 Rt.	W1-5(R) w/W13-1(20)	Sta. 156+20 Rt. & Lt.			2	
Sta. 179+50 Rt.	M1-G(450) w/M3-2	Sta. 174+75 Rt.	1			
Sta. 179+50 Lt.	M1-G(450) w/M3-4	Sta. 175+50 to Sta. 178+50 Rt. (30' O.C.)		11		
NOTE: All existing sign posts shall be replaced with new posts except signs noted "To remain."		Sta. 179+00 to Sta. 180+00 Rt. (50' O.C.)	3			
		Sta. 148+20 to Sta. 149+25 Lt. (35' O.C.)				4
		Sta. 180+20 to Sta. 120+20 Lt. (35' O.C.)				3
		Total	14	56	10	7

THIS SHEET N.I.C.

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

LAND TRANSPORTATION FACILITIES DIVISION

PLANS

KAMEHAMEHA V HWY. RESURF.

(KALUAAHA BRIDGE TOWARDS

WAIALUA BRIDGE)

PROJ. NO 450B-01-80M

SCALE: AS NOTED

FEB. 1980

SHEET NO. 7 OF 7 SHEETS