

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	930B-01-90M	1990	10	28

LEGEND

4 each Type A Raised Pavement Markers
Type CL Raised Pavement Markers @ 40'-0" o.c.

4 each Type J Raised Pavement Markers
Type DL Raised Pavement Markers @ 40'-0" o.c.

8" White Stripe with Type CL Raised Pavement Markers @ 20'-0" o.c. (Tape, Type I or Thermoplastic Extrusion)

4" Double Solid Yellow with Type DL Raised Pavement Markers @ 20'-0" o.c. (Tape, Type I or Thermoplastic Extrusion)

4" Double Solid Yellow Stripes with Type HL Raised Pavement Markers @ 20'-0" o.c. (Tape, Type II or Thermoplastic Extrusion)

4" Yellow Edge Stripe with Type HL Raised Pavement Markers @ 40'-0" o.c. (Tape, Type II or Thermoplastic Extrusion)

4" Double Solid White Stripes with Type CL Raised Pavement Markers @ 20'-0" o.c. (Tape, Type I or Thermoplastic Extrusion)

Lane Change Restriction Marking
4 each Type A Raised Pavement Markers
Type CL Raised Pavement Markers @ 20'-0" o.c.
4" White Stripe (Tape, Type I or Thermoplastic Extrusion)

4" or 8" White Edge Stripe with Type CL Raised Pavement Markers @ 40'-0" o.c. (Tape, Type II or Thermoplastic Extrusion)

4" White Guide Lines (Thermoplastic Extrusion)

Transverse Median Marking (Tape, Type II or Thermoplastic Extrusion)

Transverse Shoulder Marking (Tape, Type II or Thermoplastic Extrusion)

Channelizing Island or Deceleration Lane Gore (Tape, Type II or Thermoplastic Extrusion)

Crosswalk and Stop Line. All Stop Lines shall be 10'-0" from Crosswalk unless otherwise noted. The circled number indicates the number of lanes for payment. (Thermoplastic Extrusion)

Pavement Arrow (Tape, Type I or Thermoplastic Extrusion)

Pavement Word (Tape, Type I or Thermoplastic Extrusion)

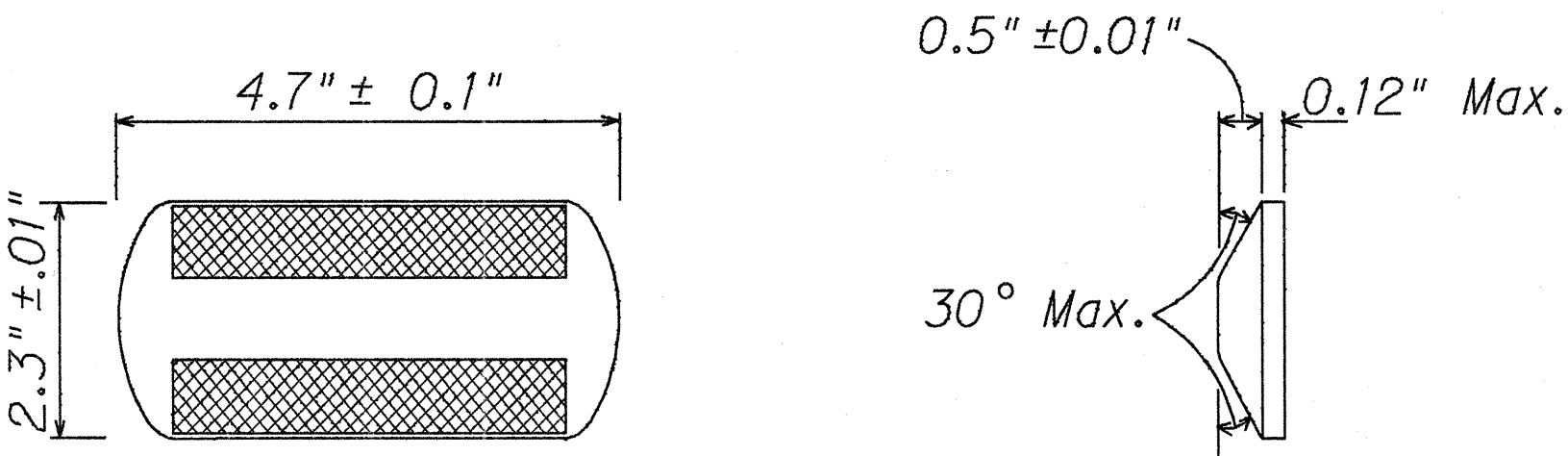
4 Each Type J Raised Pavement Markers
Type DL Raised Pavement Markers @ 40'-0" o.c.
Type HL Raised Pavement Markers (Reflective Surface facing no-passing direction)
4" Single Solid Yellow Stripe (Tape, Type I or Thermoplastic Extrusion)

Extension of Edge Line, 4" Wide x 2'-0" Long White Stripe @ 10'-0" o.c. w/Type CL Markers @ 40'-0" o.c. (Tape, Type I or Thermoplastic Extrusion)

STOP

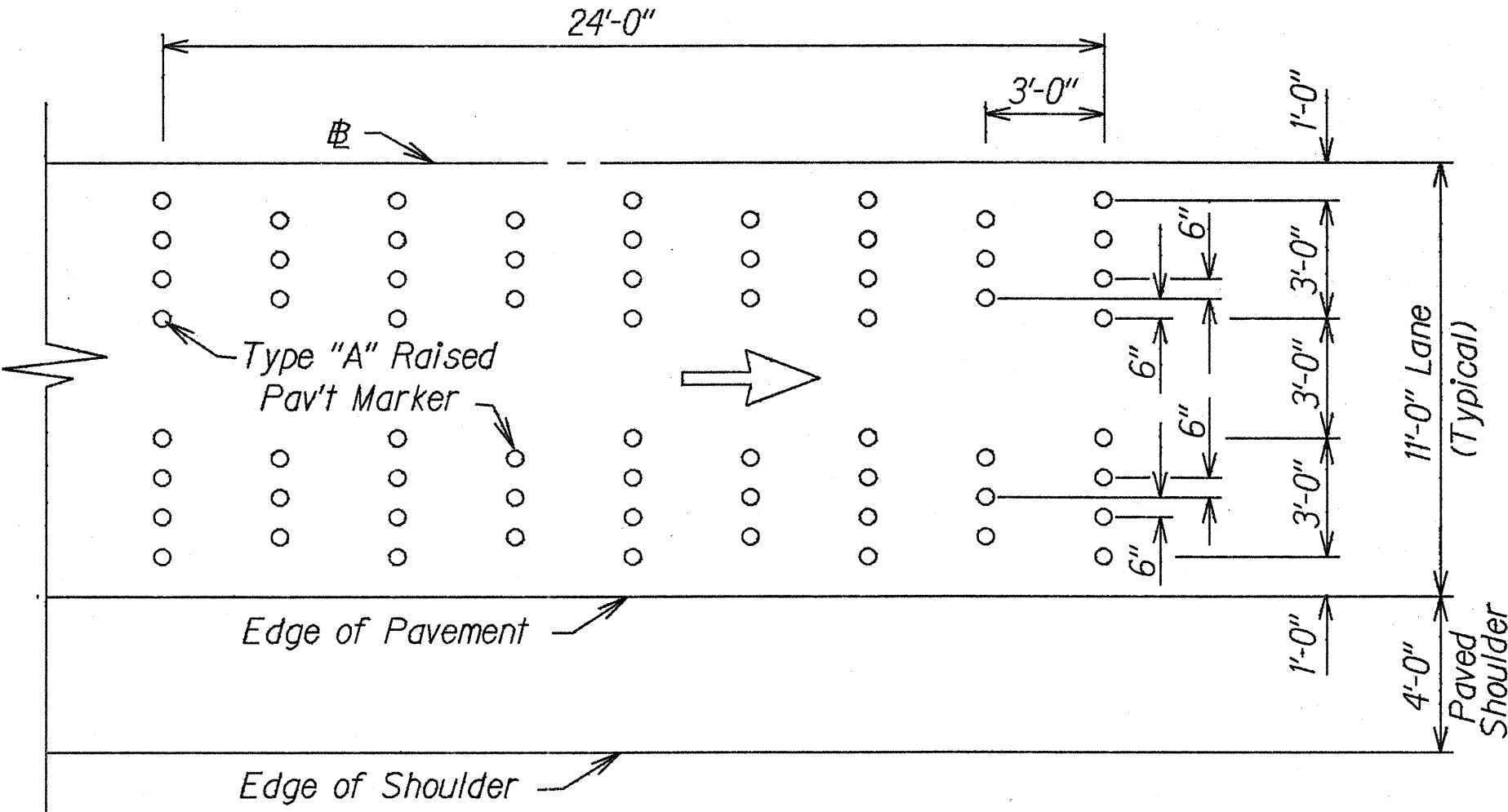
NOTES

- Layout of pavement markings and striping shall be done by the Contractor and approved by the Engineer prior to any installation work.
- Existing pavement markings not incorporated in the final traffic pattern shall be removed as directed by the Engineer. Costs shall be incidental to the various pavement marking items.
- Raised pavement markers shall not be installed within crosswalks.
- Details of Type C, Type D and Type H Markers on Standard Plan Nos. TE-30, TE-31 and TE-32 shall be deleted and replaced with details of Type CL, Type DL and Type HL Markers as shown on this sheet. All references to Type C, Type D and Type H Markers in the plans shall mean Type CL, Type DL and Type HL Markers.
- Final locations of all signs shall be approved by the Engineer prior to any installation work.
- Existing signs not shown on these plans shall remain as posted unless otherwise directed by the Engineer. Removal and disposal of existing signs and/or posts as designated on these plans shall be incidental to the various signing items.
- Final locations of all Stop Lines shall be approved by the Engineer prior to installation.
- All pavement striping shall be as noted on the Legend or plans.
- All preformed pavement marking tapes over existing pavement shall be applied with an approved primer as recommended by the tape manufacturer and as approved by the Engineer. The primer shall be allowed to dry to the tacky stage prior to tape application.

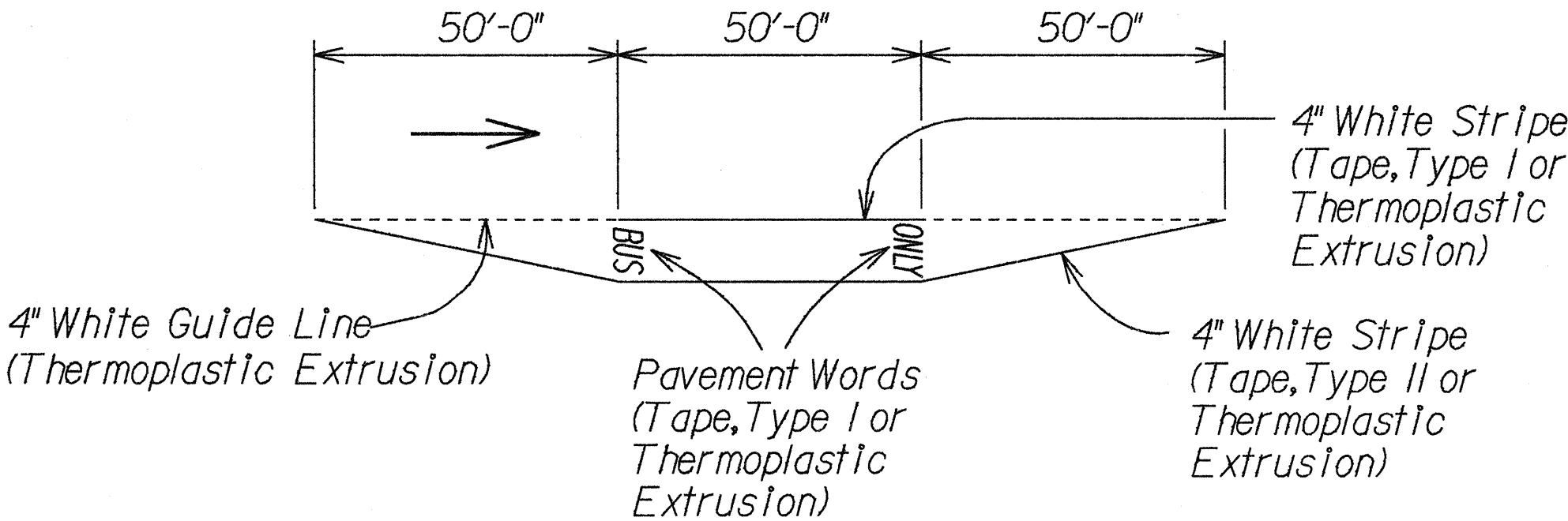


TYPE CL
Red-Clear Reflective Marker
or
TYPE DL
Two-Way Yellow Reflective Marker
or
TYPE HL
One-Way Yellow Reflective Marker

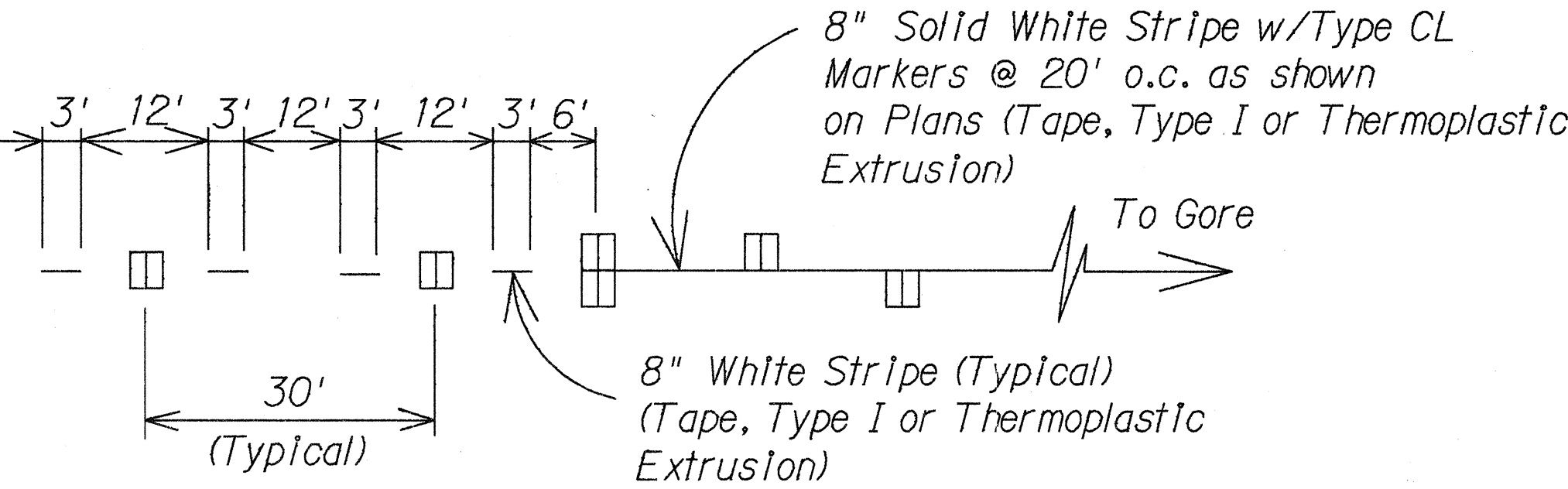
RAISED PAVEMENT MARKER DETAILS
Not to Scale



RUMBLE STRIP DETAIL
Not to Scale



TYPICAL BUS BAY STRIPING
Not to Scale



LANE DROP MARKING
Not to Scale

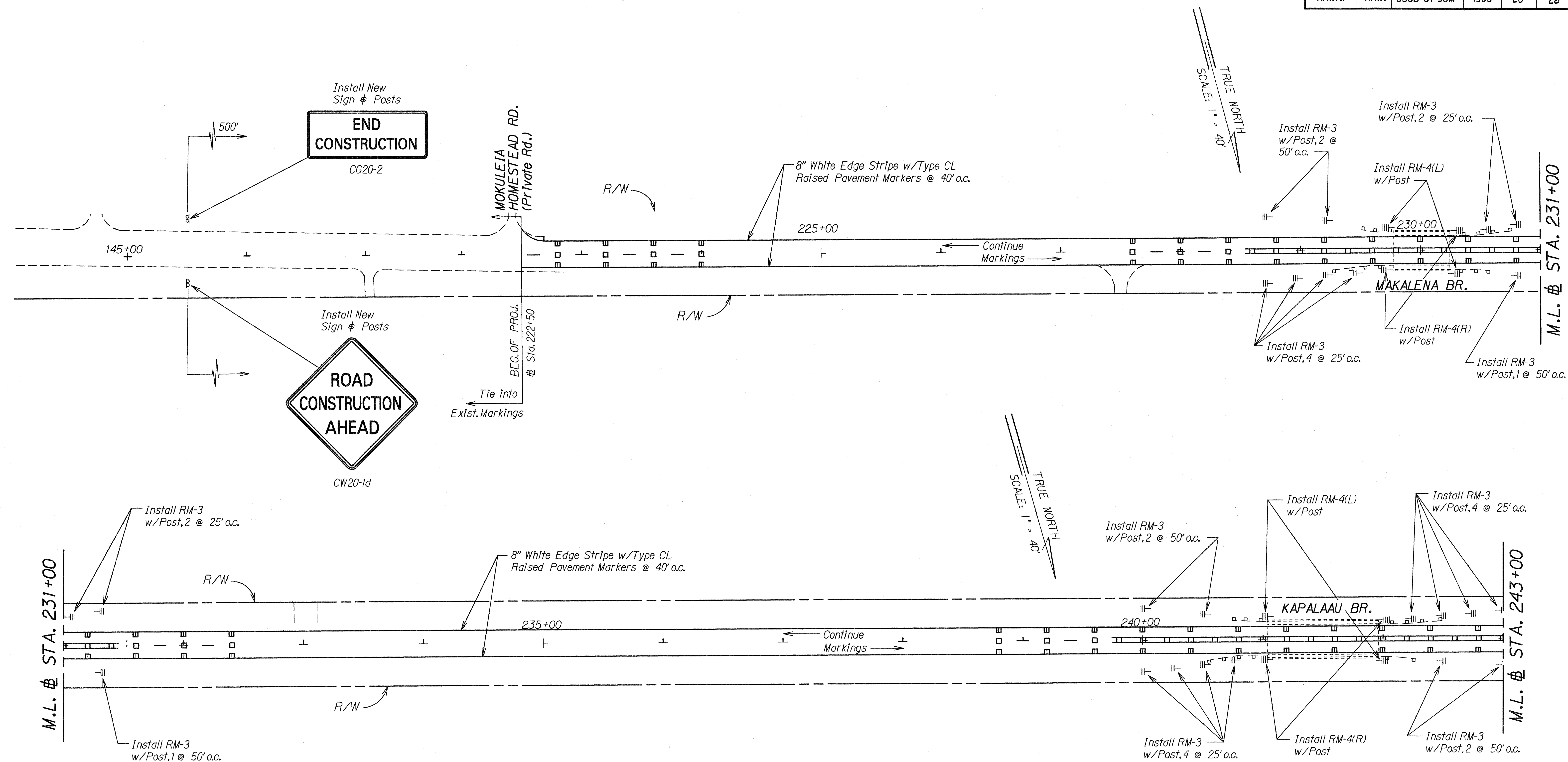
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**PAVEMENT MARKING
LEGEND, DETAILS & NOTES**

FARRINGTON HIGHWAY RESURFACING
Mokuleia Homestead Road towards
Kaena State Park
PROJECT NO. 930B-01-90M
Scale: As Shown Date: March, 1990
SHEET No. 71 OF 10 SHEETS

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
REVISIONS	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	930B-01-90M	1990	20	28



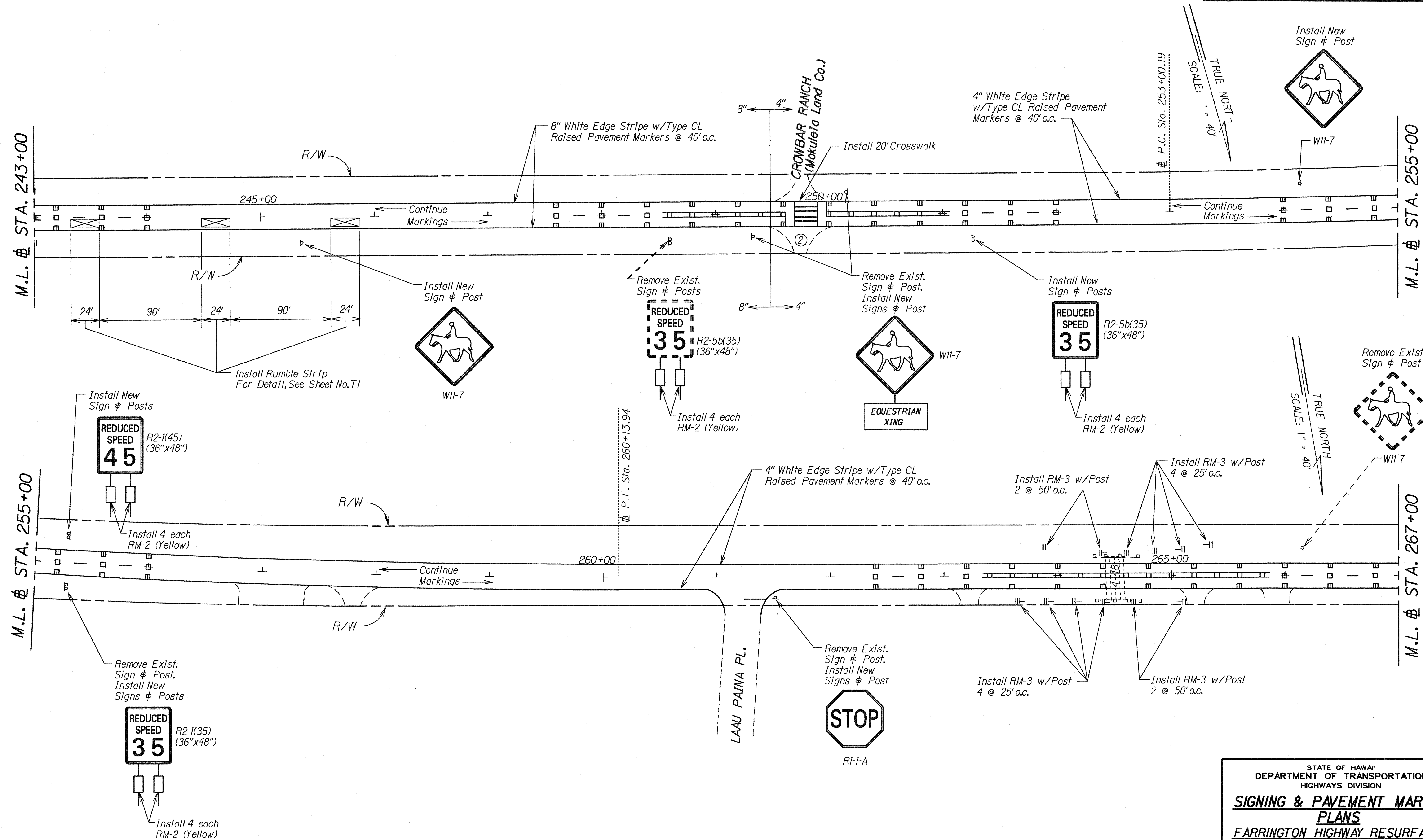
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**SIGNING & PAVEMENT MARKING
PLANS**

FARRINGTON HIGHWAY RESURFACING
Mokuleia Homestead Road towards
Kaena State Park
PROJECT NO. 930B-01-90M
Scale: 1"=40' Date: Apr 11, 1990

SHEET No. 72 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	930B-01-90M	1990	21	28



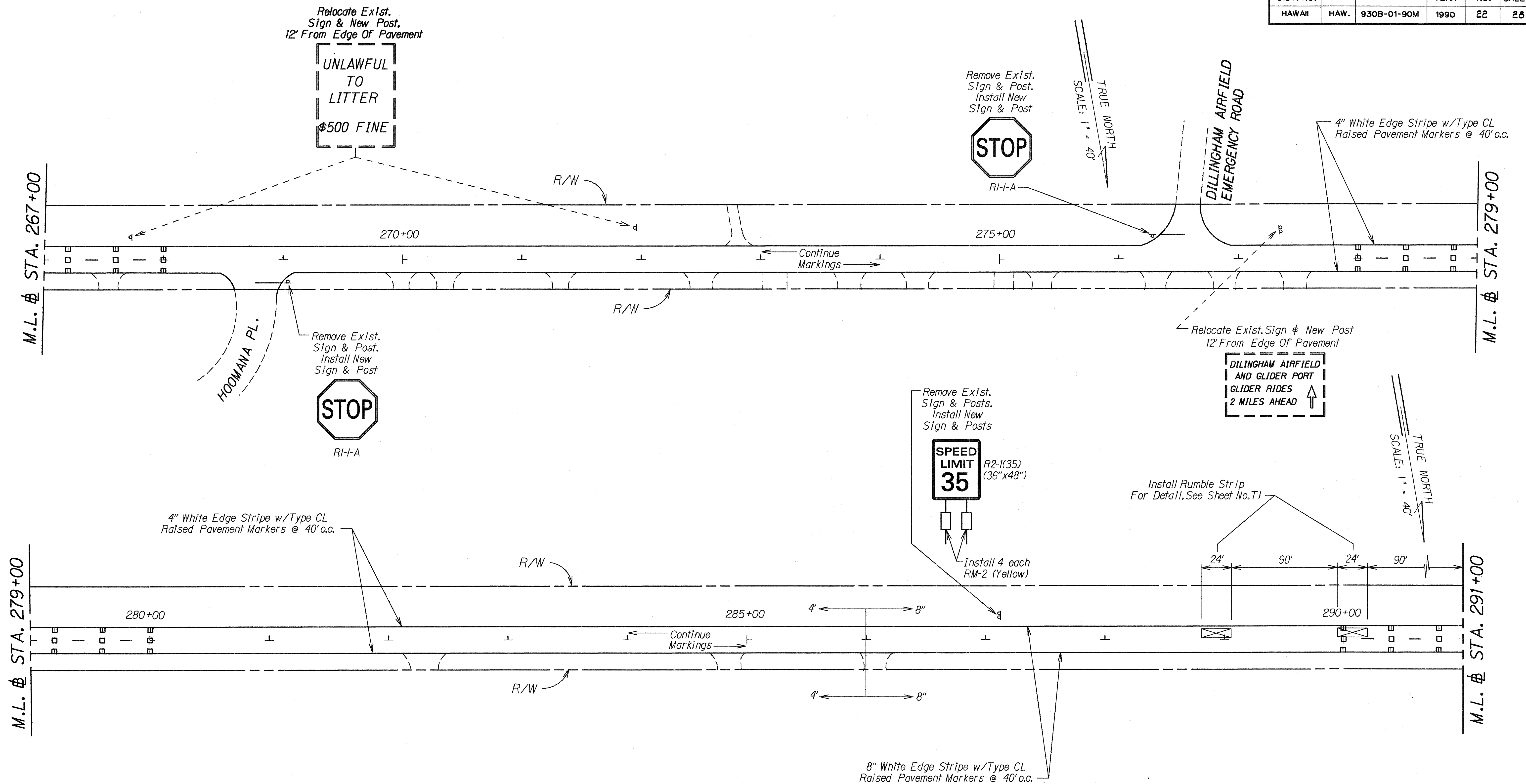
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING & PAVEMENT MARKING PLANS

FARRINGTON HIGHWAY RESURFACING
Mokulela Homestead Road towards
Kaena State Park
PROJECT NO. 930B-01-90M
Scale: 1"=40' Date: Apr 11, 1990

SHEET No. 13 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	930B-01-90M	1990	22	25



DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
REVISIONS BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

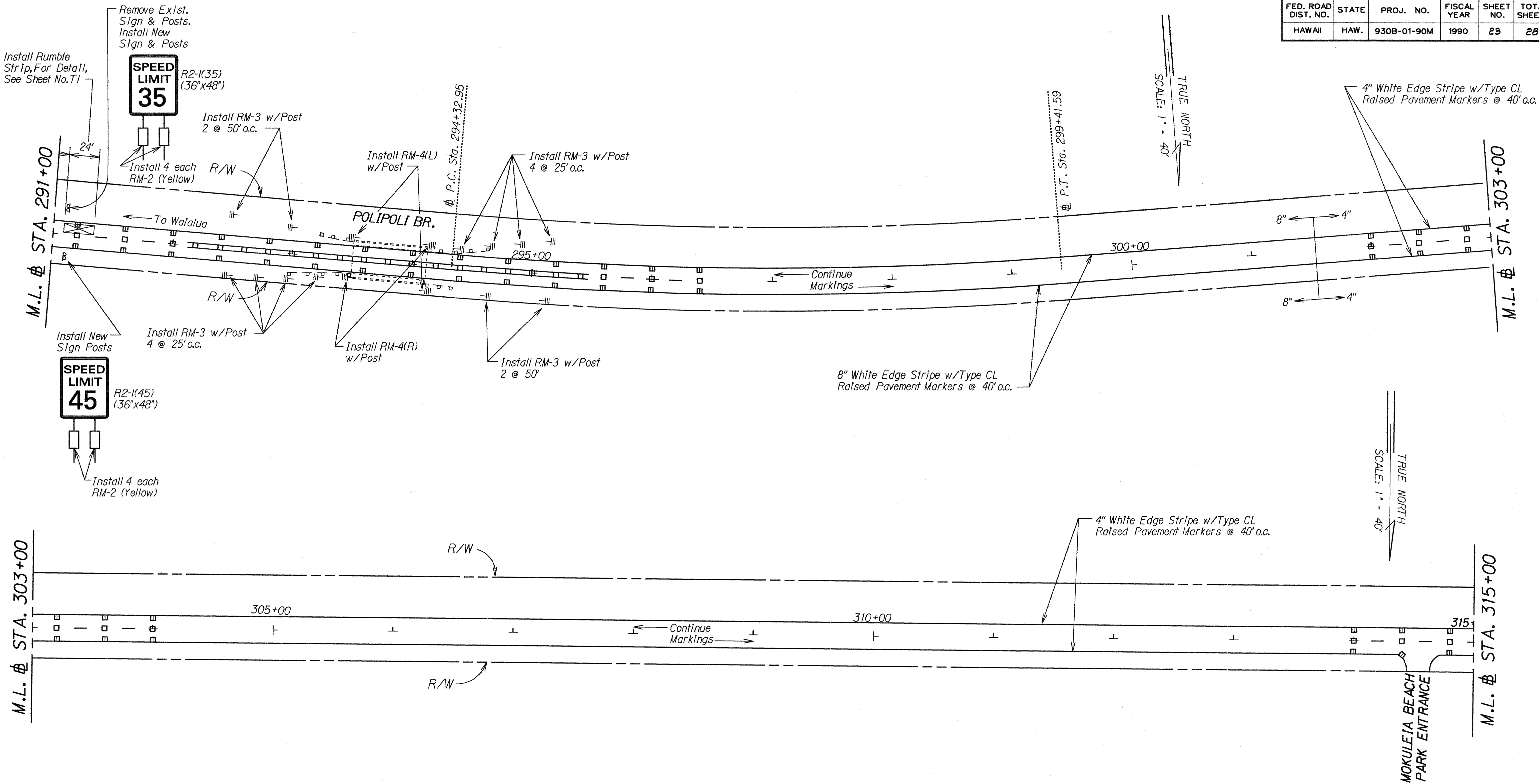
SIGNING & PAVEMENT MARKING PLANS

FARRINGTON HIGHWAY RESURFACING
Mokulela Homestead Road towards
Kaena State Park
PROJECT NO. 930B-01-90M

Scale: 1"=40' Date: Apr 11, 1990

SHEET No. 74 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	930B-01-90M	1990	23	28



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
TRACED BY	DRAWN BY	
NOTED BY	CHECKED BY	
NO.		

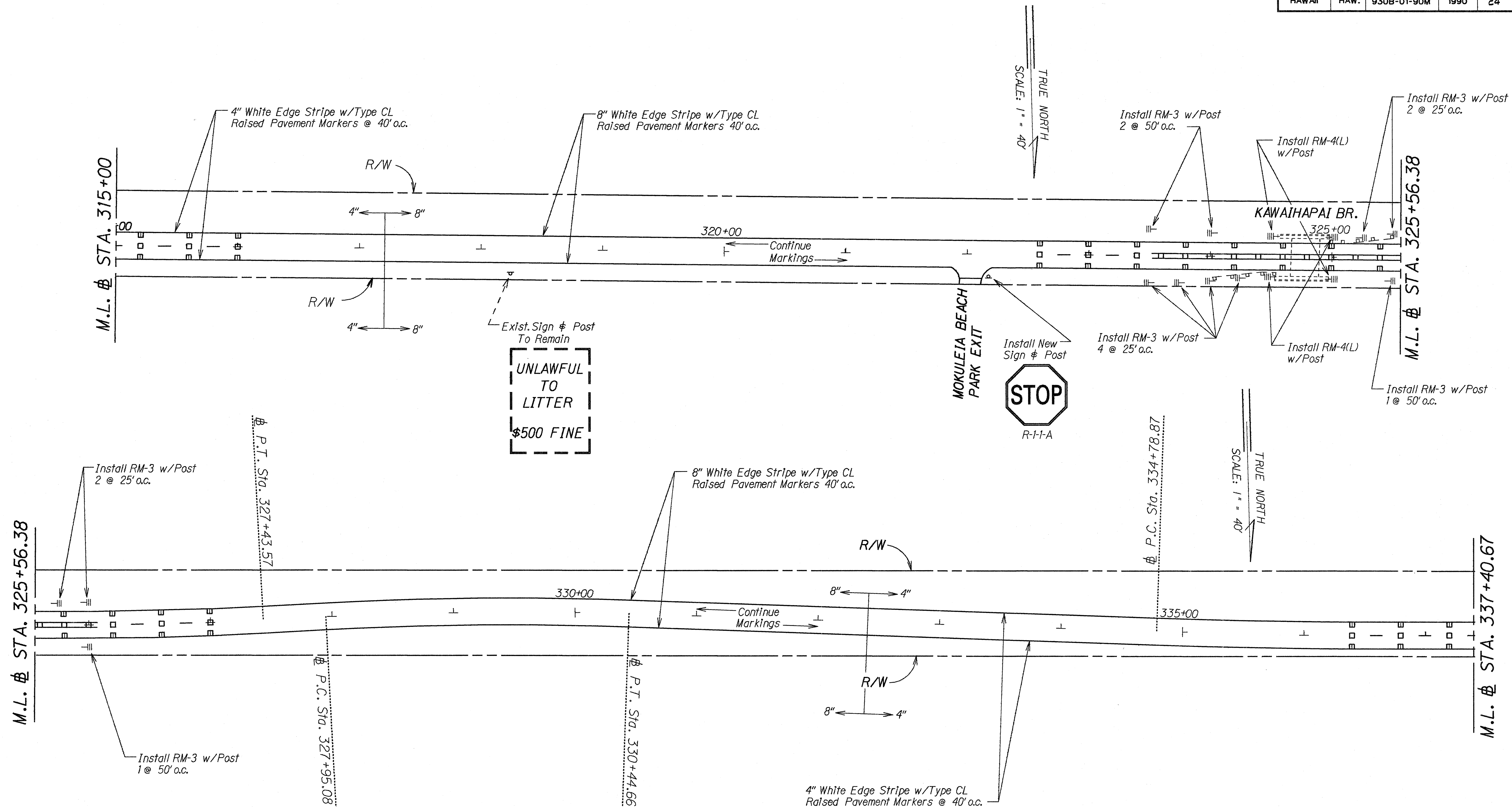
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING & PAVEMENT MARKING PLANS

FARRINGTON HIGHWAY RESURFACING
Mokuleia Homestead Road towards
Kaena State Park
PROJECT NO. 930B-01-90M
Scale: 1"=40' Date: Apr 11, 1990

SHEET No. T5 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	930B-01-90M	1990	24	28



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

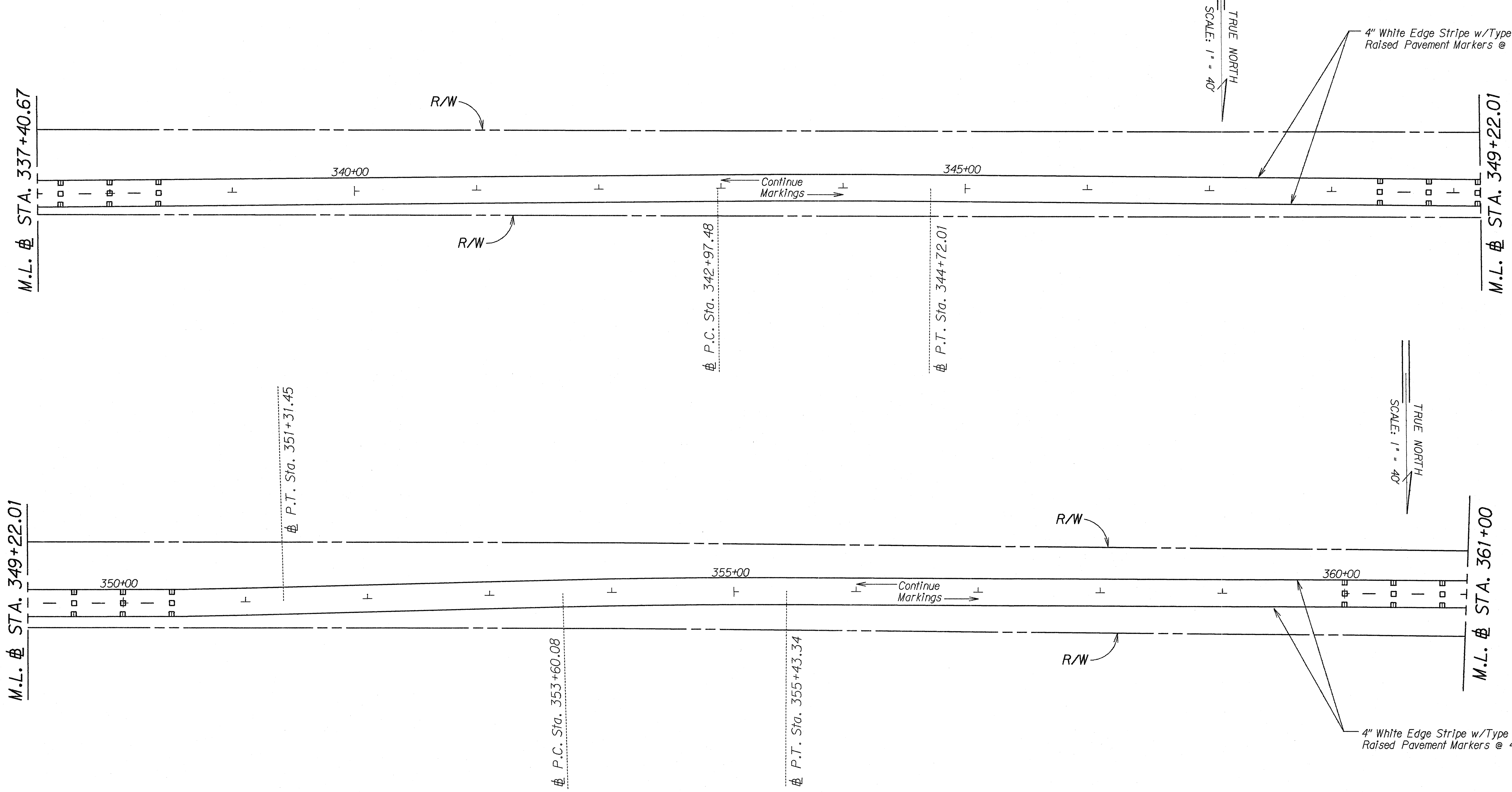
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING & PAVEMENT MARKING PLANS

FARRINGTON HIGHWAY RESURFACING
Mokuleia Homestead Road towards
Kaena State Park
PROJECT NO. 930B-01-90M
Scale: 1"=40' Date: Apr 11, 1990

SHEET No. 76 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	930B-01-90M	1990	25	28



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

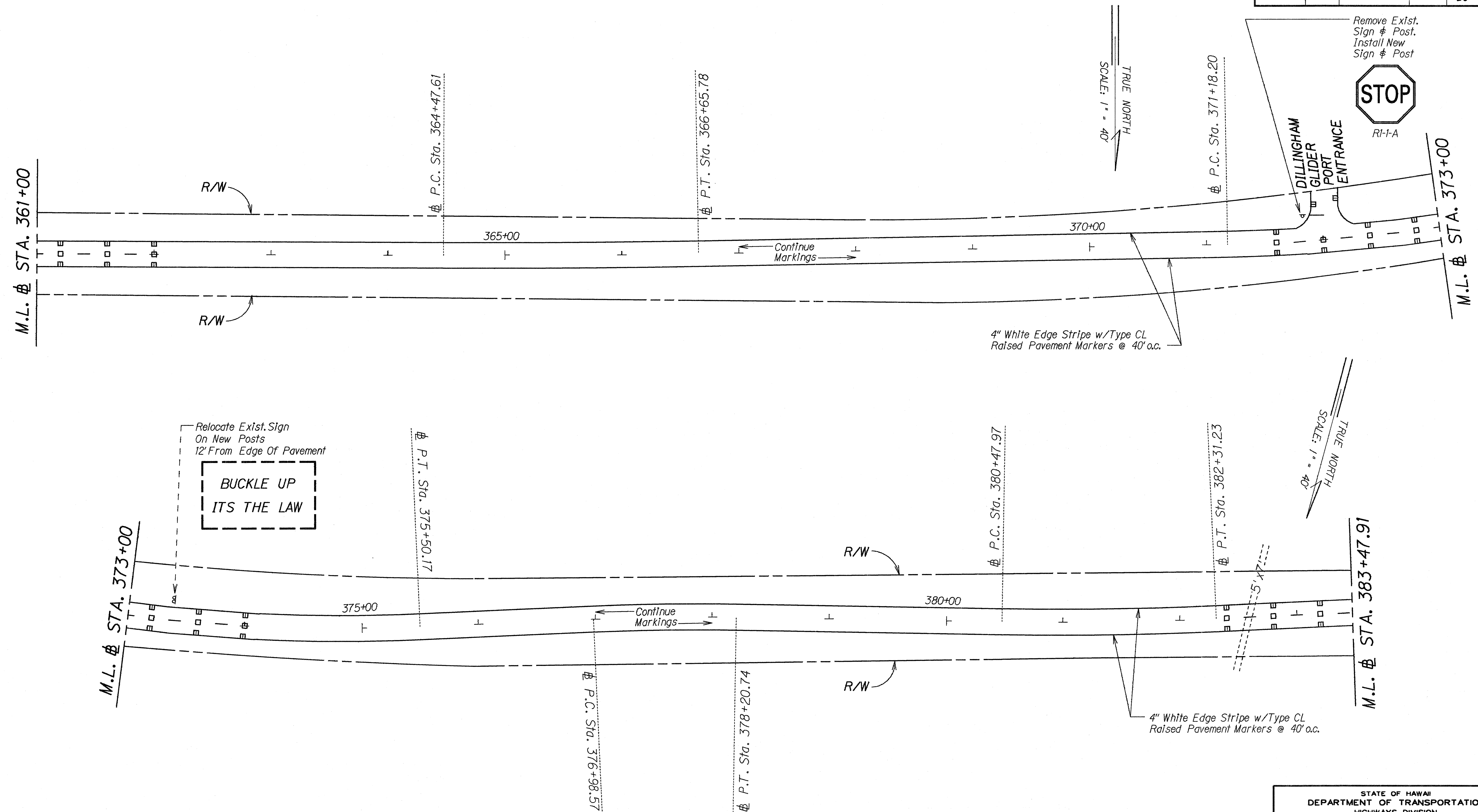
SIGNING & PAVEMENT MARKING PLANS

FARRINGTON HIGHWAY RESURFACING
Mokuleia Homestead Road towards
Kaena State Park
PROJECT NO. 930B-01-90M

Scale: 1"=40' Date: Apr 11, 1990

SHEET No. 17 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	930B-01-90M	1990	26	28



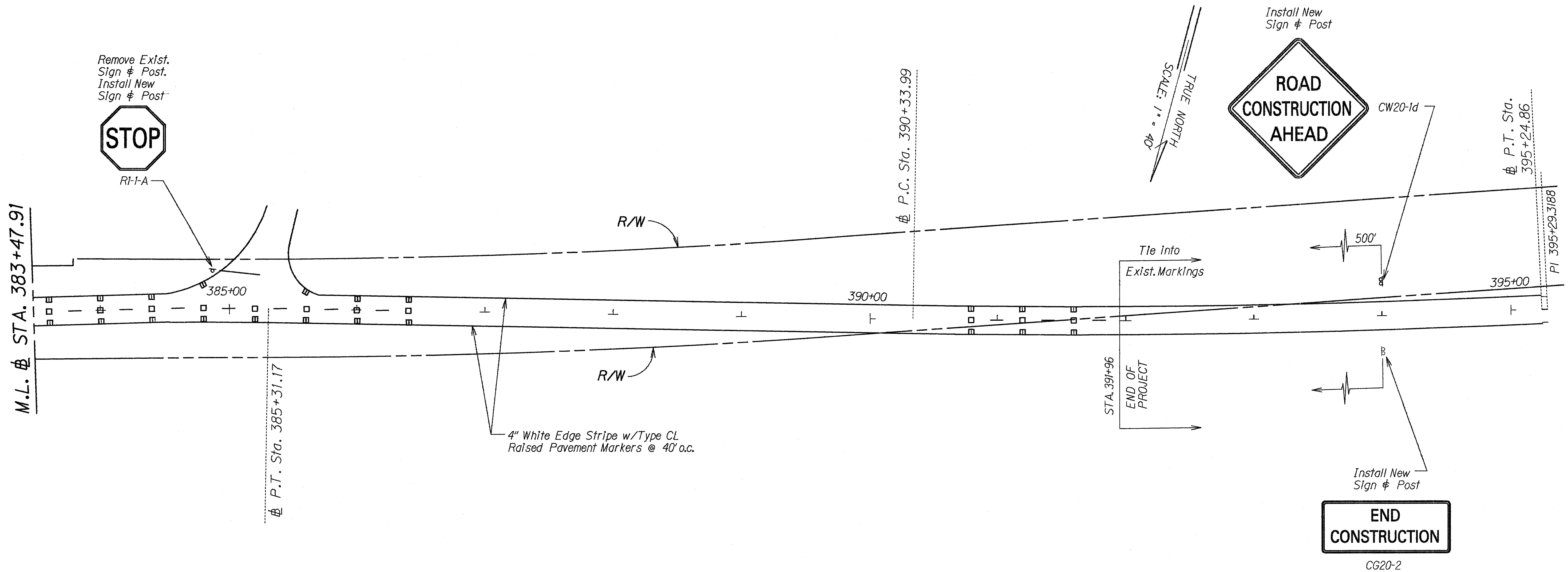
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING & PAVEMENT MARKING PLANS

FARRINGTON HIGHWAY RESURFACING
Mokuleia Homestead Road towards
Kaena State Park
PROJECT NO. 930B-01-90M
Scale: 1"=40' Date: Apr 11, 1990

SHEET No. 26 OF 28 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	930B-01-90M	1990	27	28



DESIGNED BY	DATE
PLANNED BY	
NOTED BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING & PAVEMENT MARKING PLANS

FARRINGTON HIGHWAY RESURFACING
Mokulela Homestead Road towards
Kaena State Park
PROJECT NO. 930B-01-90M

Scale: 1"=40' Date: Apr 11, 1990

SHEET No. 27 OF 28 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	930B-01-90M	1990	28	28

TRAFFIC SIGN SUMMARY					
SIGN NO.	MESSAGE	QUANTITY			
		10 SQ. FT. OR LESS		GREATER THAN 10 SQ. FT.	
		W/POST	W/O POST	W/POSTS	W/O POST
R1-1-A	STOP	6			
R2-1(35)(36"x48")	SPEED LIMIT 35			2	
R2-1(45)(36"x48")	SPEED LIMIT 45			2	
R2-5b(35)(36"x48")	REDUCED SPEED 35			2	
W11-7	EQUESTRIAN	4	2		
	TOTAL	10	2	6	

PAVEMENT MARKING SUMMARY	
DESCRIPTION	QUANTITY
PAVEMENT MARKERS	
TYPE A _____	2,340 EA.
TYPE CL _____	860 EA.
TYPE DL _____	480 EA.
TYPE HL _____	
TYPE J _____	
TAPE - TYPE I OR THERMOPLASTIC EXTRUSION	
4-INCH PAVEMENT STRIPE (WHITE) _____	
4-INCH PAVEMENT STRIPE (YELLOW) _____	
8-INCH PAVEMENT STRIPE (WHITE) _____	
12-INCH PAVEMENT STRIPE (WHITE) _____	
12-INCH PAVEMENT STRIPE (YELLOW) _____	
DOUBLE 4-INCH PAVEMENT STRIPE (YELLOW) _____	1,620 L.F.
PAVEMENT ARROW _____	
PAVEMENT WORD _____	
TAPE - TYPE II OR THERMOPLASTIC EXTRUSION	
4-INCH PAVEMENT STRIPE (WHITE) _____	23,510 L.F.
4-INCH PAVEMENT STRIPE (YELLOW) _____	
8-INCH PAVEMENT STRIPE (WHITE) _____	11,400 L.F.
12-INCH PAVEMENT STRIPE (WHITE) _____	
12-INCH PAVEMENT STRIPE (YELLOW) _____	
THERMOPLASTIC EXTRUSION	
4-INCH PAVEMENT STRIPE (WHITE) _____	
8-INCH PAVEMENT STRIPE (WHITE) _____	
12-INCH PAVEMENT STRIPE (WHITE) _____	144 L.F.
CROSSWALK MARKINGS _____	2 LANES

CONSTRUCTION SIGN SUMMARY				
SIGN NO.	LOCATION	MESSAGE	W/POST	W/O POST
CG20-2	⊕ STA. 217 + 50 ± LT.	END CONSTRUCTION	1	
CG20-1d	⊕ STA. 217 + 50 ± RT.	ROAD CONSTRUCTION AHEAD	1	
CG20-1d	⊕ STA. 396 + 96 ± LT.	ROAD CONSTRUCTION AHEAD	1	
CG20-2	⊕ STA. 396 + 96 ± RT.	END CONSTRUCTION	1	
		TOTAL	4	

REFLECTOR MARKER SUMMARY				
TYPE	QUANTITY			
	W/O POST		W/POST	
	YELLOW	WHITE	YELLOW	WHITE
RM-2	24			
RM-3				60
RM-4(L)				8
RM-4(R)				8
TOTAL	24			76

OBJECT MARKER SUMMARY		
TYPE	QUANTITY	
	W/O POST	W/POST
TYPE II OBJECT MARKER	140	
TOTAL	140	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
MISCELLANEOUS SUMMERIES
FARRINGTON HIGHWAY RESURFACING
Mokuleia Homestead Road towards
Kaena State Park
PROJECT NO.930B-01-90M
Scale: _____ Date: Apr 11, 1990
SHEET No. 710 OF 10 SHEETS

DATE: _____

SURVEY PLOTTED BY: _____

ORIGINAL PLAN _____

NOTED NOOK _____

NO. _____

DRAWN BY: _____

DESIGNED BY: _____

CHECKED BY: _____