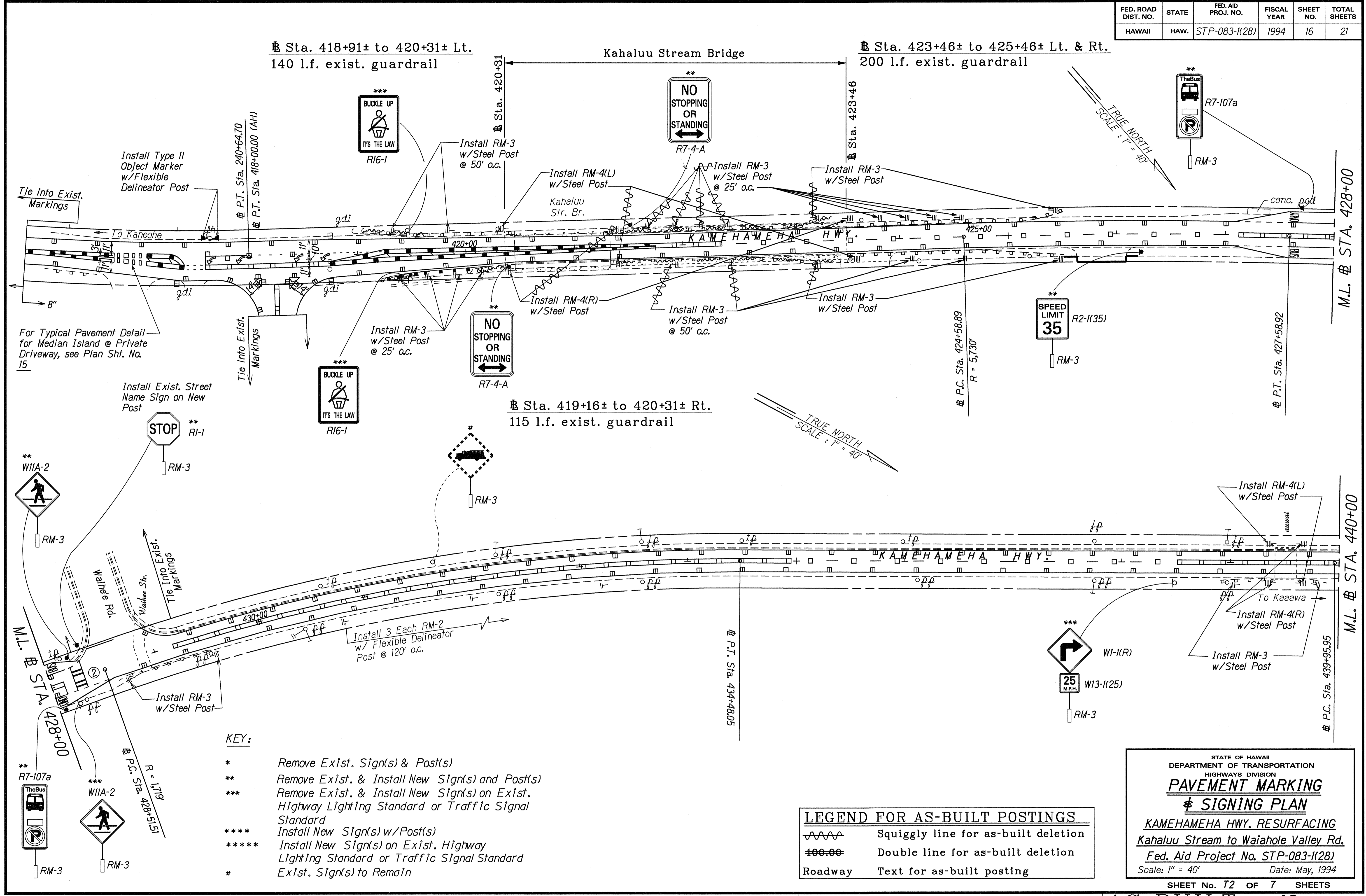


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-083-1(28)	1994	16	21



DATE 5/94
 SURVEY PLOTTED BY
 TRACED BY
 DESIGNED BY
 QUANTITIES BY
 CHECKED BY

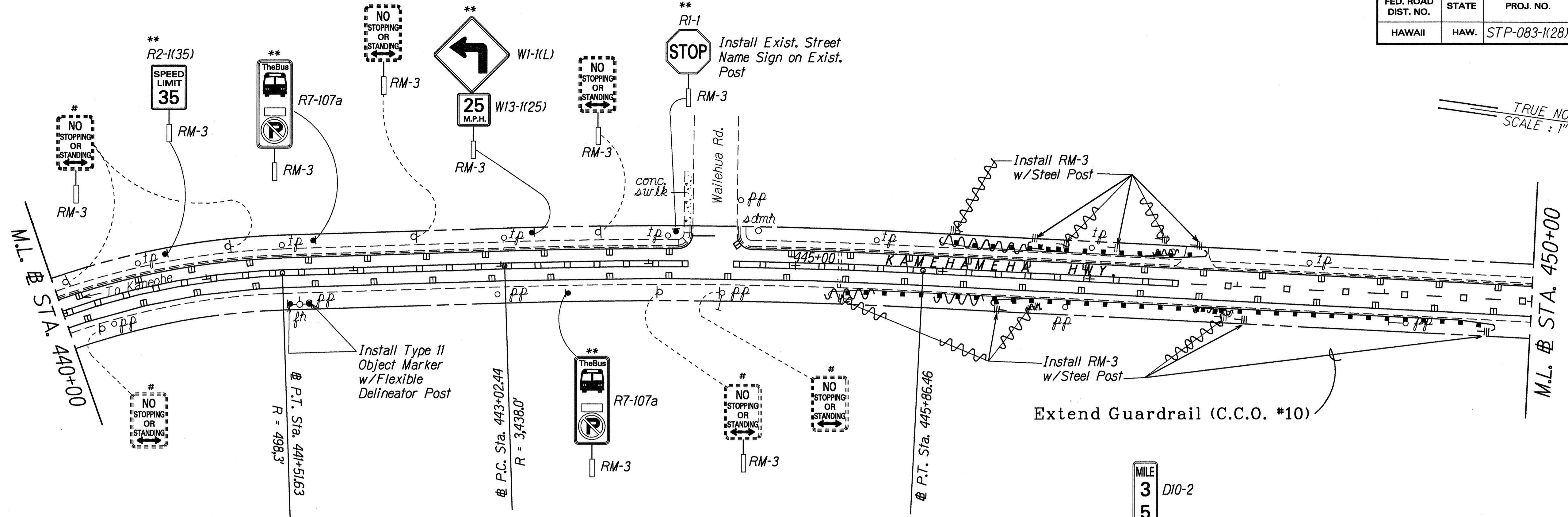
- KEY:**
- * Remove Exst. Sign(s) & Post(s)
 - ** Remove Exst. & Install New Sign(s) and Post(s)
 - *** Remove Exst. & Install New Sign(s) on Exst. Highway Lighting Standard or Traffic Signal Standard
 - **** Install New Sign(s) w/Post(s)
 - ***** Install New Sign(s) on Exst. Highway Lighting Standard or Traffic Signal Standard
 - # Exst. Sign(s) to Remain

LEGEND FOR AS-BUILT POSTINGS

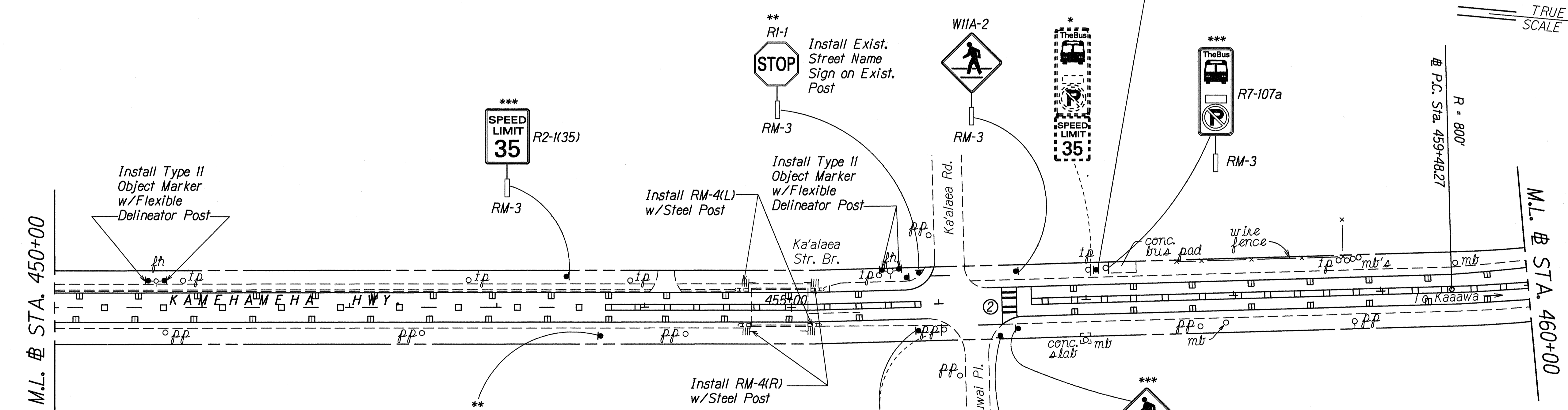
	Squiggly line for as-built deletion
	Double line for as-built deletion
	Roadway Text for as-built posting

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
PAVEMENT MARKING
SIGNING PLAN
 KAMEHAMEHA HWY. RESURFACING
 Kahaluu Stream to Waialea Valley Rd.
 Fed. Aid Project No. STP-083-1(28)
 Scale: 1" = 40' Date: May, 1994
 SHEET No. T2 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-083-1(28)	1994	17	21



TRUE NORTH
SCALE: 1" = 40'



TRUE NORTH
SCALE: 1" = 40'

SURVEY PLOTTED BY	DATE
DESIGNED BY	
NOTED BY	
CHECKED BY	

KEY:

- * Remove Exist. Sign(s) & Post(s)
- ** Remove Exist. & Install New Sign(s) and Post(s)
- *** Remove Exist. & Install New Sign(s) on Exist. Highway Lighting Standard or Traffic Signal Standard
- **** Install New Sign(s) w/Post(s)
- ***** Install New Sign(s) on Exist. Highway Lighting Standard or Traffic Signal Standard
- # Exist. Sign(s) to Remain

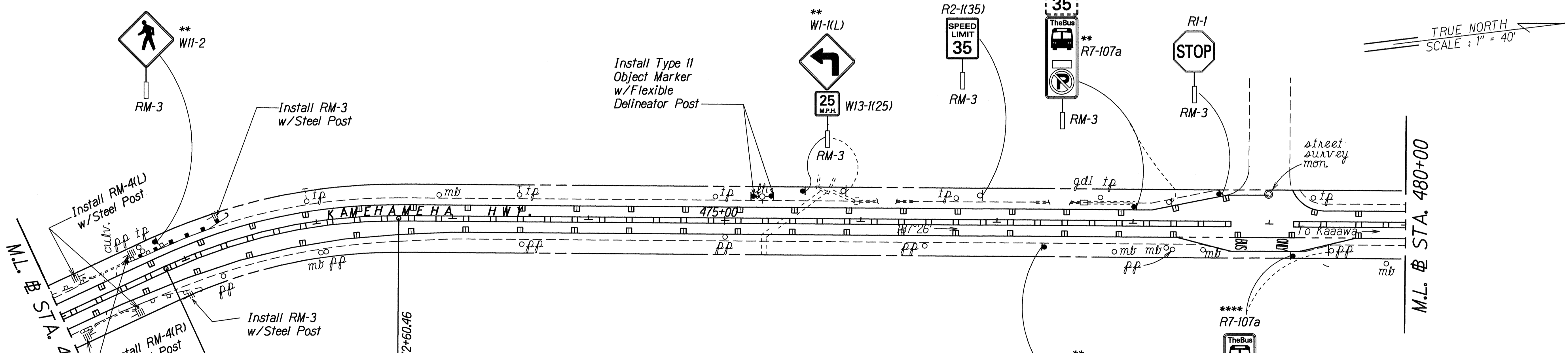
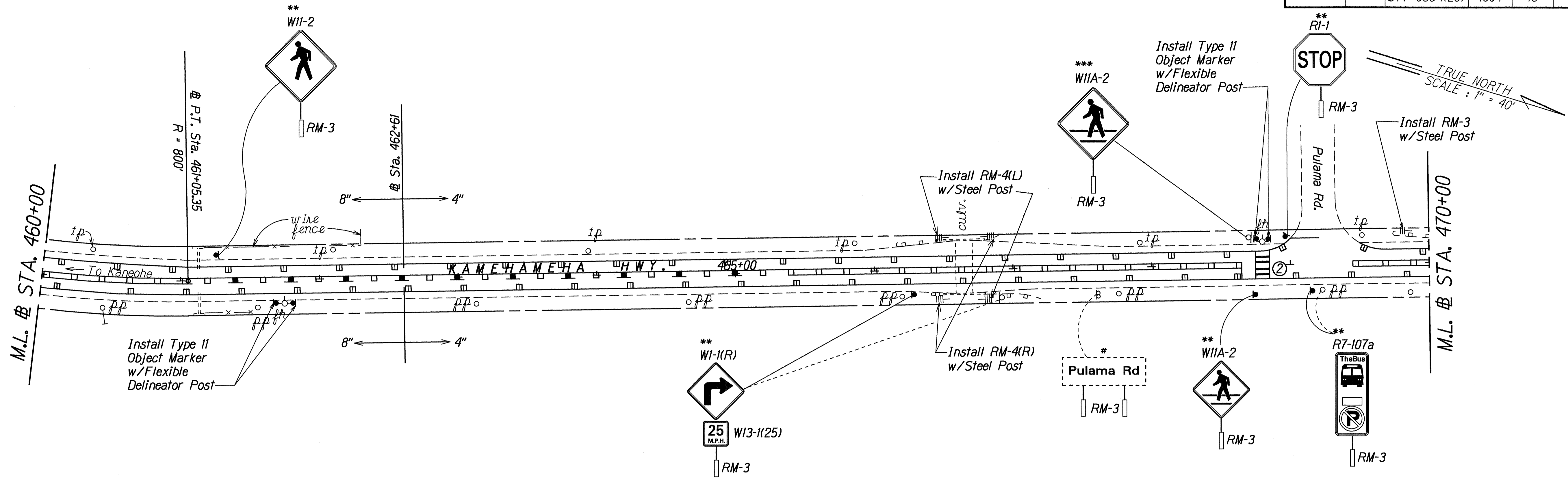
LEGEND FOR AS-BUILT POSTINGS

- ~~~~~ Squiggly line for as-built deletion
- ==== Double line for as-built deletion
- Roadway Text for as-built posting

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PAVEMENT MARKING
& SIGNING PLAN
KAMEHAMEHA HWY. RESURFACING
Kahaluu Stream to Waiahole Valley Rd.
Fed. Aid Project No. STP-083-1(28)
Scale: 1" = 40' Date: May, 1994

SHEET No. T3 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-083-1(28)	1994	18	21



SURVEY PLOTTED BY	DATE
DESIGNED BY	
TRACED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

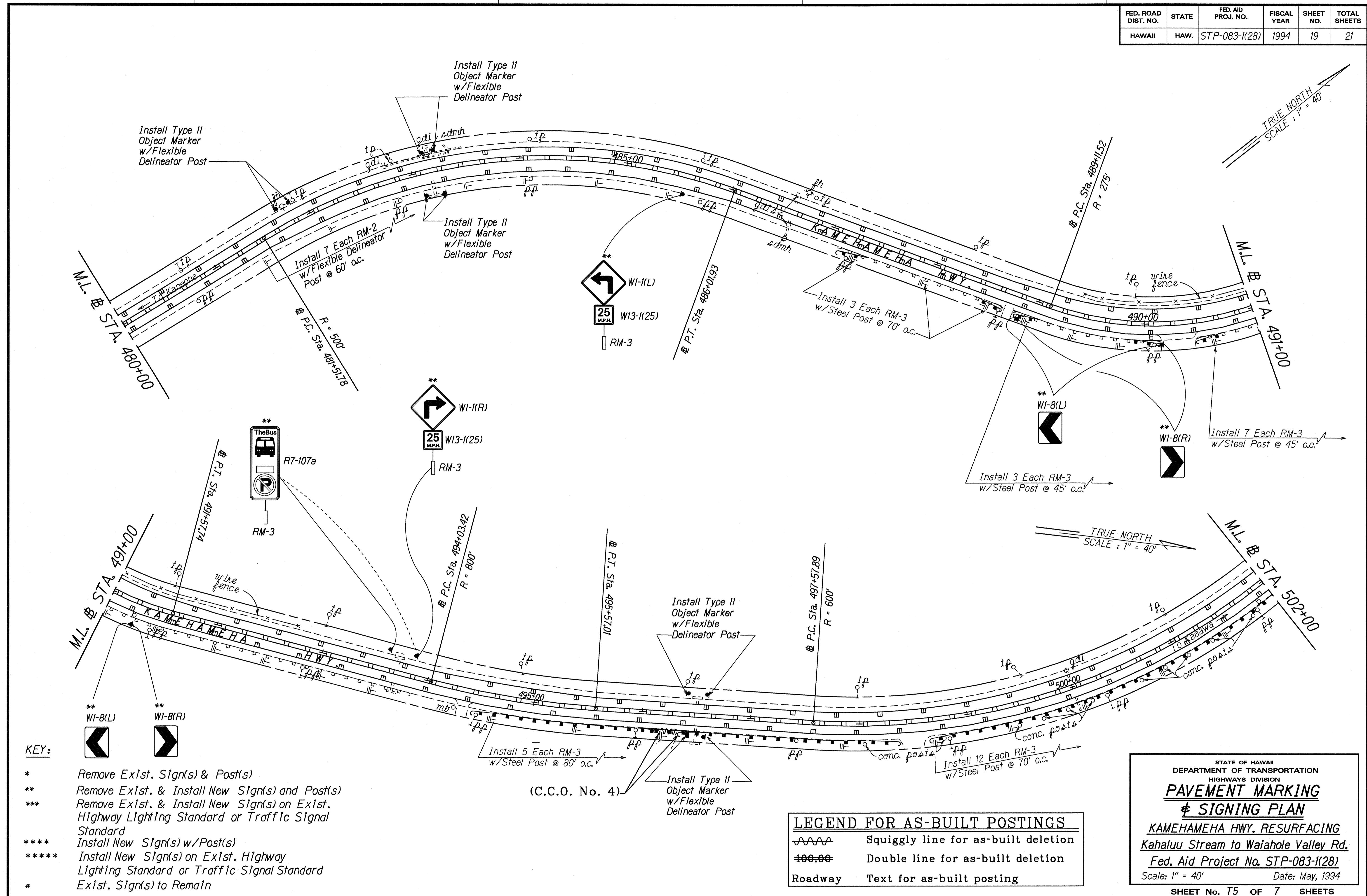
- KEY:**
- * Remove Exist. Sign(s) & Post(s)
 - ** Remove Exist. & Install New Sign(s) and Post(s)
 - *** Remove Exist. & Install New Sign(s) on Exist. Highway Lighting Standard or Traffic Signal Standard
 - **** Install New Sign(s) w/Post(s)
 - ***** Install New Sign(s) on Exist. Highway Lighting Standard or Traffic Signal Standard
 - # Exist. Sign(s) to Remain

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING
& SIGNING PLAN

KAMEHAMEHA HWY. RESURFACING
Kahaluu Stream to Waiahole Valley Rd.
Fed. Aid Project No. STP-083-1(28)
Scale: 1" = 40' Date: May, 1994

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-083-1(28)	1994	19	21



- KEY:**
- * Remove Exlst. Sign(s) & Post(s)
 - ** Remove Exlst. & Install New Sign(s) and Post(s)
 - *** Remove Exlst. & Install New Sign(s) on Exlst. Highway Lighting Standard or Traffic Signal Standard
 - **** Install New Sign(s) w/Post(s)
 - ***** Install New Sign(s) on Exlst. Highway Lighting Standard or Traffic Signal Standard
 - # Exlst. Sign(s) to Remain

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

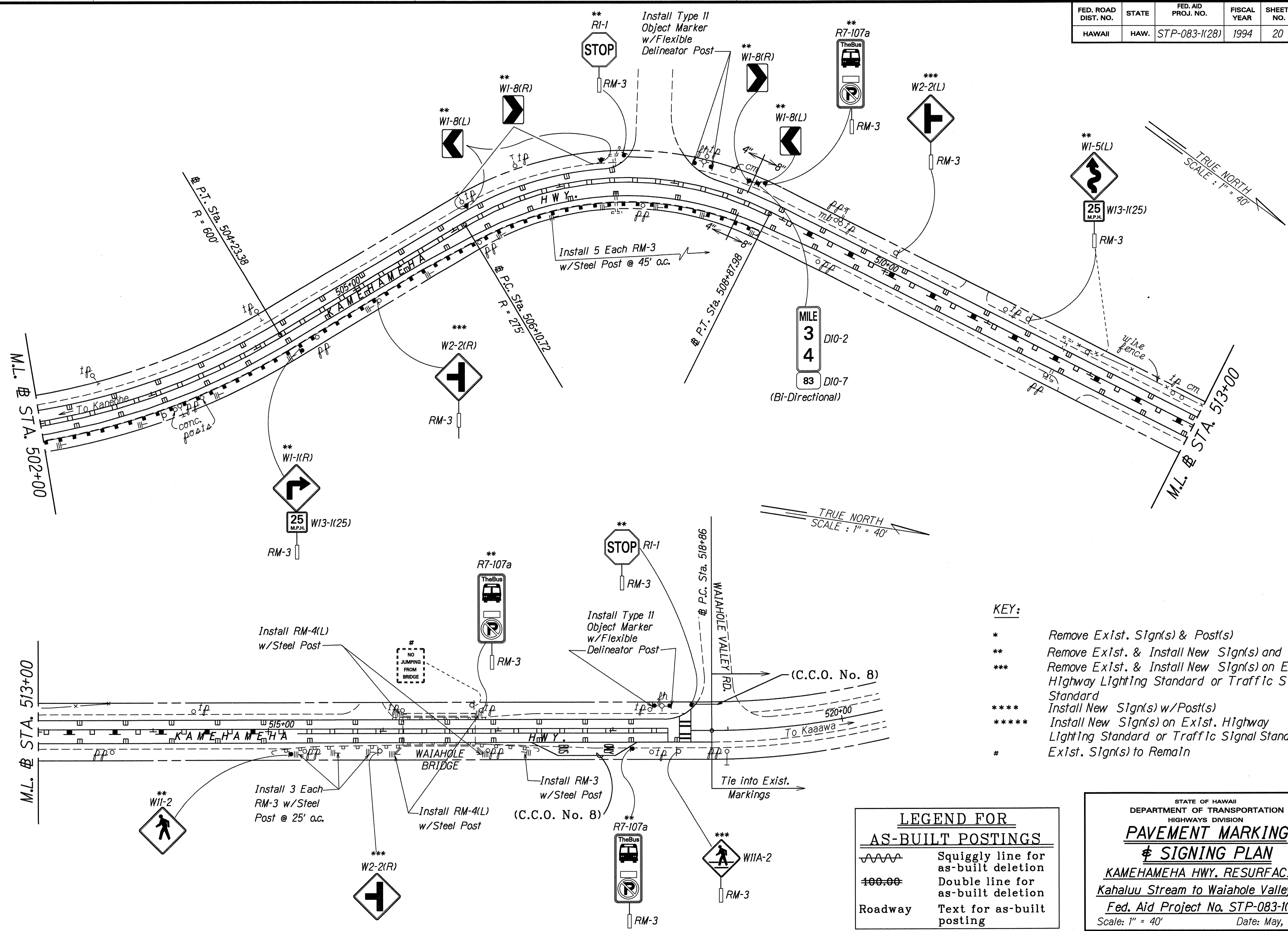
PAVEMENT MARKING
& SIGNING PLAN

KAMEHAMEHA HWY. RESURFACING
Kahaluu Stream to Waiahole Valley Rd.
Fed. Aid Project No. STP-083-1(28)
Scale: 1" = 40' Date: May, 1994

SHEET No. T5 OF 7 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	5/94
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
DATE	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-083-1(28)	1994	20	21



- KEY:**
- * Remove Exist. Sign(s) & Post(s)
 - ** Remove Exist. & Install New Sign(s) and Post(s)
 - *** Remove Exist. & Install New Sign(s) on Exist. Highway Lighting Standard or Traffic Signal Standard
 - **** Install New Sign(s) w/Post(s)
 - ***** Install New Sign(s) on Exist. Highway Lighting Standard or Traffic Signal Standard
 - * Exist. Sign(s) to Remain

LEGEND FOR AS-BUILT POSTINGS

	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

KAMEHAMEHA HWY. RESURFACING
Kahaluu Stream to Waiahole Valley Rd.
Fed. Aid Project No. STP-083-1(28)
Scale: 1" = 40' Date: May, 1994

SHEET No. T6 OF 7 SHEETS

SURVEY PROVIDED BY	DATE
DESIGNED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

TRAFFIC SIGN SUMMARY			
SIGN NO.	MESSAGE	QUANTITY	
		10 SQ. FT. OR LESS	
		W/POST	W/O POST
R1-1	STOP	8	
R2-1(35)	SPEED LIMIT 35	4	
R7-4-A	NO STOPPING OR STANDING ↔	2	
R7-107a	BUS STOP	12	
R16-1	BUCKLE UP, ITS THE LAW	2	
W1-1(L)	↶	3	
W1-1(R)	↷	4	
W1-5(L)	⤴	1	
W1-5(R)	⤵	1	
W1-8(L)	↶	6	
W1-8(R)	↷	6	
W2-2(L)	⊥	1	
W2-2(R)	⊥	2	
W11-2	ADVANCE PEDESTRIAN CROSSING	4	
W11A-2	PEDESTRIAN CROSSING	7	
W13-1(25)	25 M.P.H.		9
TOTAL		63	9

PAVEMENT MARKING SUMMARY	
DESCRIPTION	QUANTITY
PAVEMENT MARKERS	
TYPE C _____	520 EA.
TYPE D _____	400 EA.
TYPE H _____	70 EA.
TYPE J _____	240 EA.
TAPE - TYPE I OR THERMOPLASTIC EXTRUSION	
4-INCH PAVEMENT STRIPE (YELLOW) _____	430 L.F.
DOUBLE 4-INCH PAVEMENT STRIPE (YELLOW) _____	6,900 L.F.
TAPE - TYPE II OR THERMOPLASTIC EXTRUSION	
4-INCH PAVEMENT STRIPE (WHITE) _____	10,000 L.F.
8-INCH PAVEMENT STRIPE (WHITE) _____	10,350 L.F.
12-INCH PAVEMENT STRIPE (YELLOW) _____	100 L.F.
DOUBLE 4-INCH PAVEMENT STRIPE (YELLOW) _____	710 L.F.
TAPE - TYPE III OR THERMOPLASTIC EXTRUSION	
4-INCH PAVEMENT STRIPE (WHITE) _____	230 L.F.
12-INCH PAVEMENT STRIPE (WHITE) _____	140 L.F.
CROSSWALK MARKINGS _____	8 LANES
PAVEMENT ARROW _____	4 EA.
PAVEMENT WORD _____	8 EA.
PAINT	
ASPHALT CONCRETE CURB (WHITE) _____	2,500 L.F.

MILEPOST MARKER SUMMARY				
LOCATION	SIGN NO. AND MESSAGE		QUANTITY	
			W/POST (Bi-Direc.)	W/O POST
# STA. 457+00 LT	D10-2	35	1	
	D10-7	83		
# STA. 509+80 LT	D10-2	34	1	
	D10-7	83		
# STA.	D10-	x	x	x
	D10-7	x		
TOTAL			2	x

REFLECTOR MARKER SUMMARY								
TYPE	QUANTITY							
	W/O POST		W/FLEXIBLE POST		W/STEEL POST		MOUNT ON CONCRETE RETAINING WALL	
	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE
RM-2				10				
RM-3	44				64			
RM-4					16			

ORIGINAL DESIGN BY DATE 5/94
 CHECKED BY
 NOTED BY
 DESIGNED BY George Tanaka
 QUANTITIES BY
 CHECKED BY

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
MISCELLANEOUS
TRAFFIC SUMMARIES
 KAMEHAMEHA HWY. RESURFACING
 Kahaluu Stream to Waiahole Valley Rd.
 Fed. Aid Project STP-083-1(28)
 Date: May, 1994
 SHEET No. 77 OF 7 SHEETS