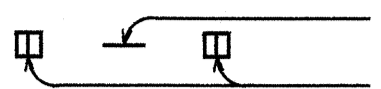
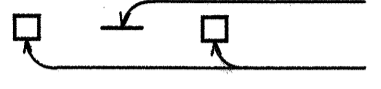
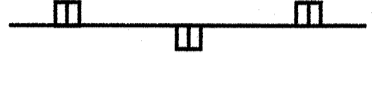
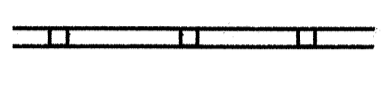











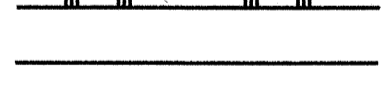




FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-099-1(15)	1995	17	26

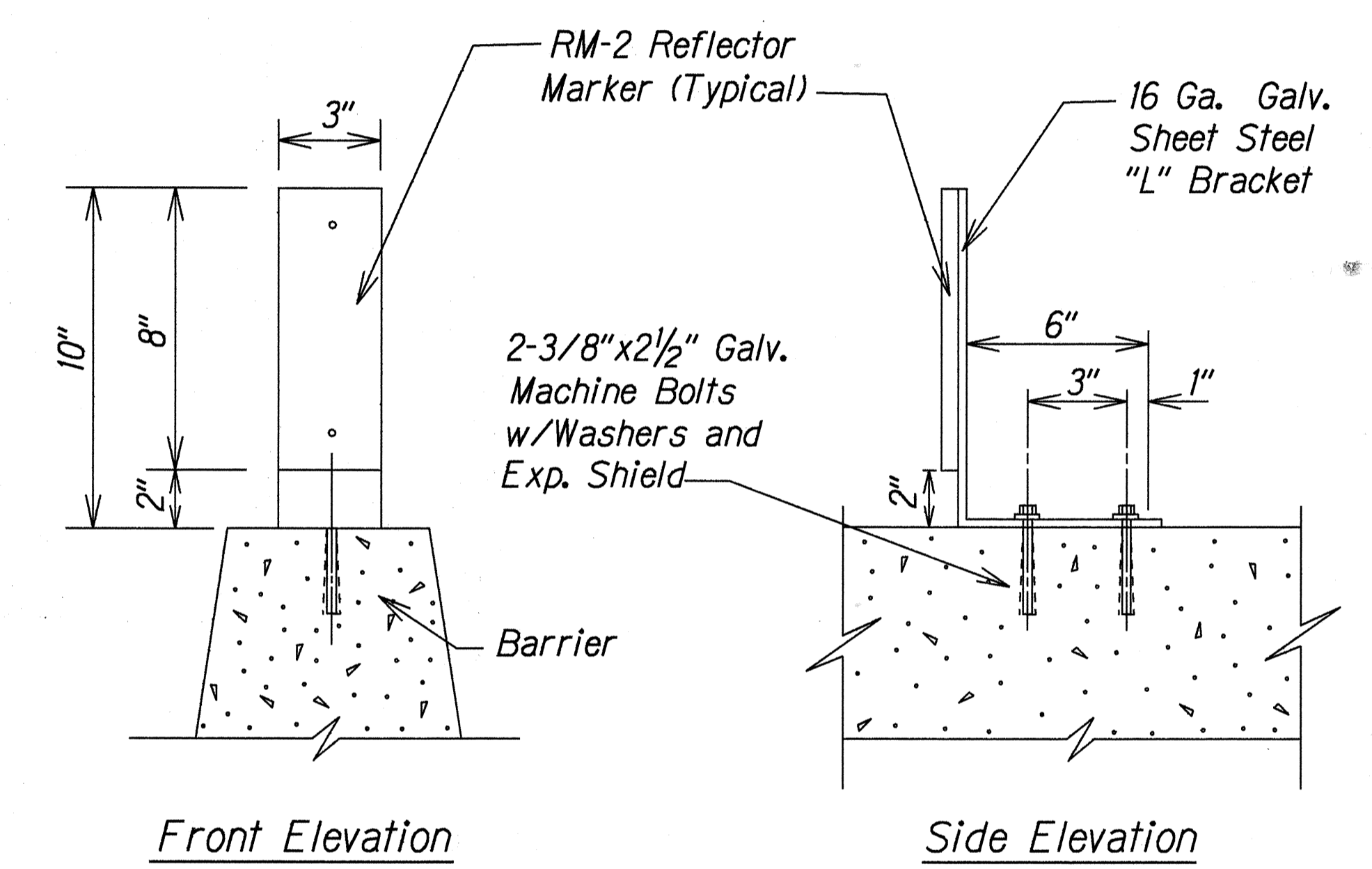
**LEGEND**

-  4 each Type A Raised Pavement Markers  
Type C Raised Pavement Markers @ 40'-0" o.c.
-  4 each Type J Raised Pavement Markers  
Type D Raised Pavement Markers @ 40'-0" o.c.
-  8" White Stripe with Type C Raised Pavement  
Markers @ 20'-0" o.c. (Tape, Type I or Thermoplastic  
Extrusion)
-  4" Double Solid Yellow with Type D  
Raised Pavement Markers @ 20'-0" o.c.  
(Tape, Type I or Thermoplastic Extrusion)
-  4" Double Solid Yellow Stripes with Type H  
Raised Pavement Markers @ 20'-0" o.c.  
(Tape, Type II or Thermoplastic Extrusion)
-  4" Yellow Edge Stripe with Type H Raised  
Pavement Markers @ 40'-0" o.c.  
(Tape, Type II or Thermoplastic Extrusion)
-  4" Double Solid White Stripes with Type C  
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 C Raised Pavement Markers @ 20'-0" o.c.  
4" White Stripe (Tape, Type I or Thermoplastic  
Extrusion)
-  4" or 8" White Edge Stripe with Type C Raised  
Pavement Markers @ 40'-0" o.c. (Tape, Type II or  
Thermoplastic Extrusion)
-  4" White Guide Lines (Tape, Type III or  
Thermoplastic Extrusion except for bus bays)
-  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  
(Tape, Type III or Thermoplastic Extrusion)
-  Pavement Arrow (Tape, Type III or Thermoplastic  
Extrusion)
-  Pavement Word (Tape, Type III or Thermoplastic  
Extrusion)
-  4 Each Type J Raised Pavement Markers  
Type D Raised Pavement Markers @ 40'-0" o.c.  
Type H 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 C Markers @ 40'-0" o.c.  
(Tape, Type III or Thermoplastic Extrusion)

**NOTES**

1. Layout of pavement markings and striping shall be done by the Contractor and approved by the Engineer prior to any installation work.
2. 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.
3. Raised pavement markers shall not be installed within crosswalks.
4. Final locations of all signs shall be approved by the Engineer prior to any installation work.
5. 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.
6. Final locations of all Stop Lines shall be approved by the Engineer prior to installation.
7. All pavement striping shall be as noted on the Legend or plans.
8. 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.
9. Backing for all new Regulatory and Warning Signs shall not be spliced.
10. All sign panels shall conform to Section 621 of Special Provisions and the latest editions and amendments of the following FHWA publications:
  - a. "Manual on Uniform Traffic Control Devices for Streets and Highways" (MUTCD)
  - b. "Standard Highway Signs"
  - c. "Standard Alphabets for Highway Signs"
11. Borders, messages, arrows, symbols and shields shall conform to details as shown on the plans and as specified in the MUTCD.
12. Sign messages shall be as indicated on the plan.
13. All panels shall be reflectorized in accordance with Section 712.20 of the Standard Specifications. Minimum width of panels shall be 2 ft. abutting edges of panels shall be in only one direction if vertical abutting edges are used, no horizontal abutting edges shall be allowed and vice versa.
14. All new and relocated signs and markers installed on pipe posts, light standard or expressway sign post are to be mounted with band brackets and steel braces.
15. Removal of Existing Delineators and Posts shall be considered incidental to the various signing items.
16. The Contractor shall notify the Traffic Signal Branch, Dept. of Transportation Services, City & County of Honolulu, 2 weeks prior to commencing any loop detector work.
17. Dept. of Transportation Services, City & County of Honolulu, will assist the Engineer in construction inspection for the loop detector work.
18. The exact locations of the new loop detectors shall be determined in the field by the Engineer.
19. Loop detectors damaged during the Contractor's reconstruction of pavement areas or cold planing operation, shall be replaced within 48 hours. Replacement and location of the new loop detectors shall be as directed by the Engineer.

20. The Contractor shall install construction signs as noted on the plans. At the Project completion, these signs and posts shall become the property of the State. The Contractor shall remove and deliver these signs and posts to a location as directed by the Engineer. The contract price paid shall be full compensation for all excavation and backfilling, for furnishing, installing, removing and delivering all materials and for all equipment, tools, labor and incidentals necessary to complete the work.

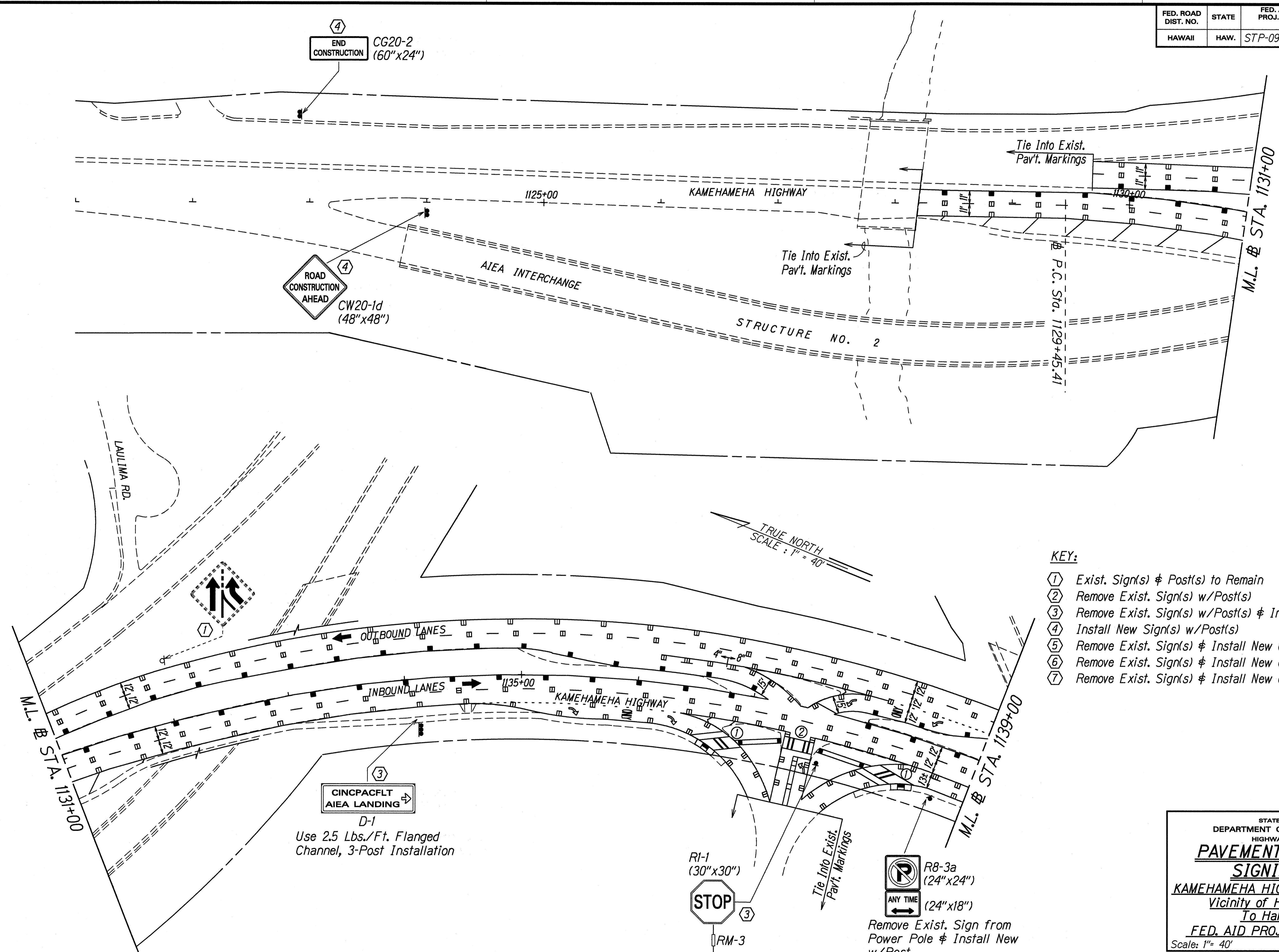


**REFLECTOR MARKER MOUNTED ON BARRIER**  
Not to Scale

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	8/94
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**PAVEMENT MARKING**  
**LEGEND, DETAILS & NOTES**  
KAMEHAMEHA HIGHWAY RESURFACING  
Vicinity of Honomanu Street  
To Halawa Drive  
FED. AID PROJ. NO. STP-099-1(15)  
Date: June, 1995  
SHEET No. 17 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-099-1(15)	1995	18	26



**KEY:**

- ① Exist. Sign(s) & Post(s) to Remain
- ② Remove Exist. Sign(s) w/Post(s)
- ③ Remove Exist. Sign(s) w/Post(s) & Install New w/Post(s)
- ④ Install New Sign(s) w/Post(s)
- ⑤ Remove Exist. Sign(s) & Install New on Exist. Light Standard
- ⑥ Remove Exist. Sign(s) & Install New on Exist. Traffic Signal
- ⑦ Remove Exist. Sign(s) & Install New on Exist. Post(s)

GENERAL PLAN  
 SURVEY PLANNED BY  
 DRAWN BY  
 TRACED BY  
 DESIGNED BY  
 QUANTITIES BY  
 CHECKED BY  
 DATE: 5/13/94

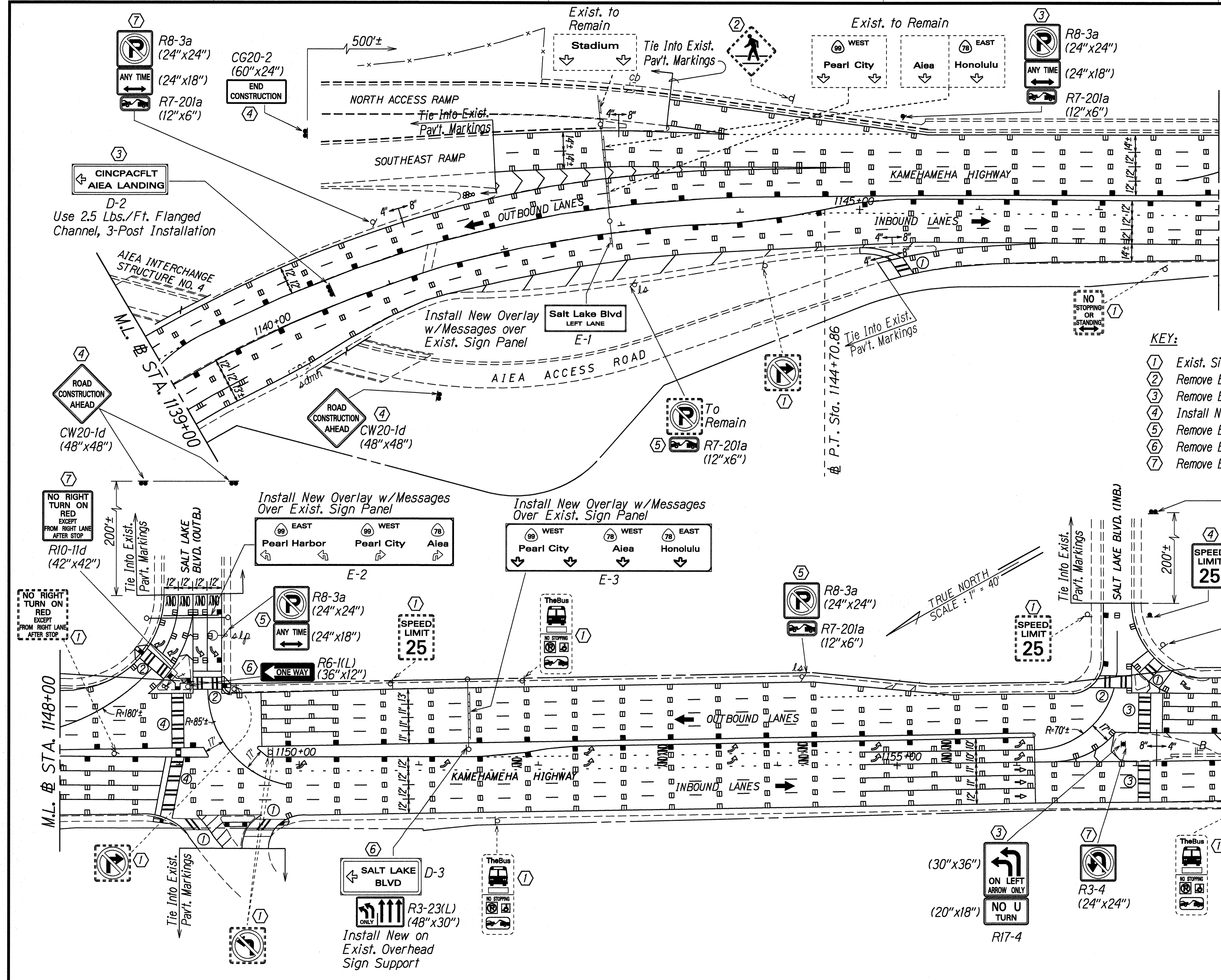
③  
**CINCPACFLT  
 AIEA LANDING**  
 D-1  
 Use 2.5 Lbs./Ft. Flanged  
 Channel, 3-Post Installation

RI-1  
 (30"x30")  
  
 RM-3

R8-3a  
 (24"x24")  
  
 ANY TIME  
 (24"x18")  
 Remove Exist. Sign from  
 Power Pole & Install New  
 w/Post

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION  
**PAVEMENT MARKING &  
 SIGNING PLAN**  
**KAMEHAMEHA HIGHWAY RESURFACING**  
 Vicinity of Honomanu Street  
 To Halawa Drive  
 FED. AID PROJ. NO. STP-099-1(15)  
 Scale: 1" = 40' Date: June, 1995  
 SHEET No. T2 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-099-1(15)	1995	19	26



TRUE NORTH  
SCALE: 1" = 40'

- KEY:**
- ① Exist. Sign(s) & Post(s) to Remain
  - ② Remove Exist. Sign(s) w/Post(s)
  - ③ Remove Exist. Sign(s) w/Post(s) & Install New w/Post(s)
  - ④ Install New Sign(s) w/Post(s)
  - ⑤ Remove Exist. Sign(s) & Install New on Exist. Light Standard
  - ⑥ Remove Exist. Sign(s) & Install New on Exist. Traffic Signal
  - ⑦ Remove Exist. Sign(s) & Install New on Exist. Post(s)

CINCPACFLT  
AIEA LANDING  
D-2  
Use 2.5 Lbs./Ft. Flanged Channel, 3-Post Installation

NO RIGHT TURN ON RED EXCEPT FROM RIGHT LANE AFTER STOP  
R10-11d (42"x42")

Install New Overlay w/Messages Over Exist. Sign Panel  
E-2  
99 WEST Pearl Harbor  
99 WEST Pearl City  
78 EAST Aiea

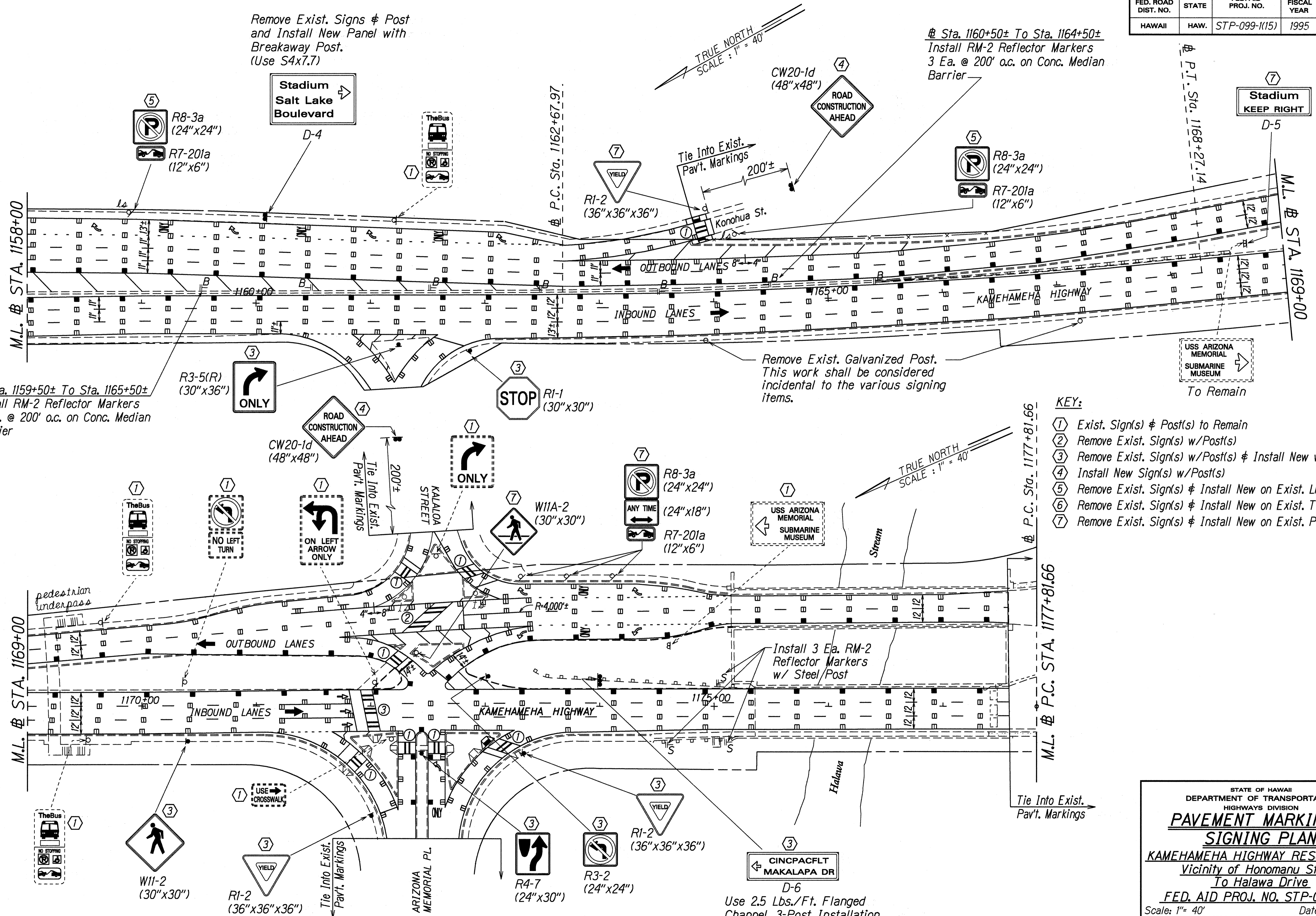
Install New Overlay w/Messages Over Exist. Sign Panel  
E-3  
99 WEST Pearl City  
78 WEST Aiea  
78 EAST Honolulu

# Sta. 1157+50±  
Install 1 Ea. RM-2 Reflector Marker on Conc. Median Barrier.

DATE: 5/13/94  
DESIGNED BY: S. Karahi  
CHECKED BY: N. G. [unclear]

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**PAVEMENT MARKING & SIGNING PLAN**  
KAMEHAMEHA HIGHWAY RESURFACING  
Vicinity of Honomanu Street  
To Halawa Drive  
FED. AID PROJ. NO. STP-099-1(15)  
Scale: 1" = 40' Date: June, 1995  
SHEET No. T3 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-099-1(15)	1995	20	26



Remove Exist. Signs & Post and Install New Panel with Breakaway Post. (Use S4x7.7)

@ Sta. 1160+50± To Sta. 1164+50± Install RM-2 Reflector Markers 3 Ea. @ 200' o.c. on Conc. Median Barrier

@ Sta. 1159+50± To Sta. 1165+50± Install RM-2 Reflector Markers 4 Ea. @ 200' o.c. on Conc. Median Barrier

Remove Exist. Galvanized Post. This work shall be considered incidental to the various signing items.

**KEY:**

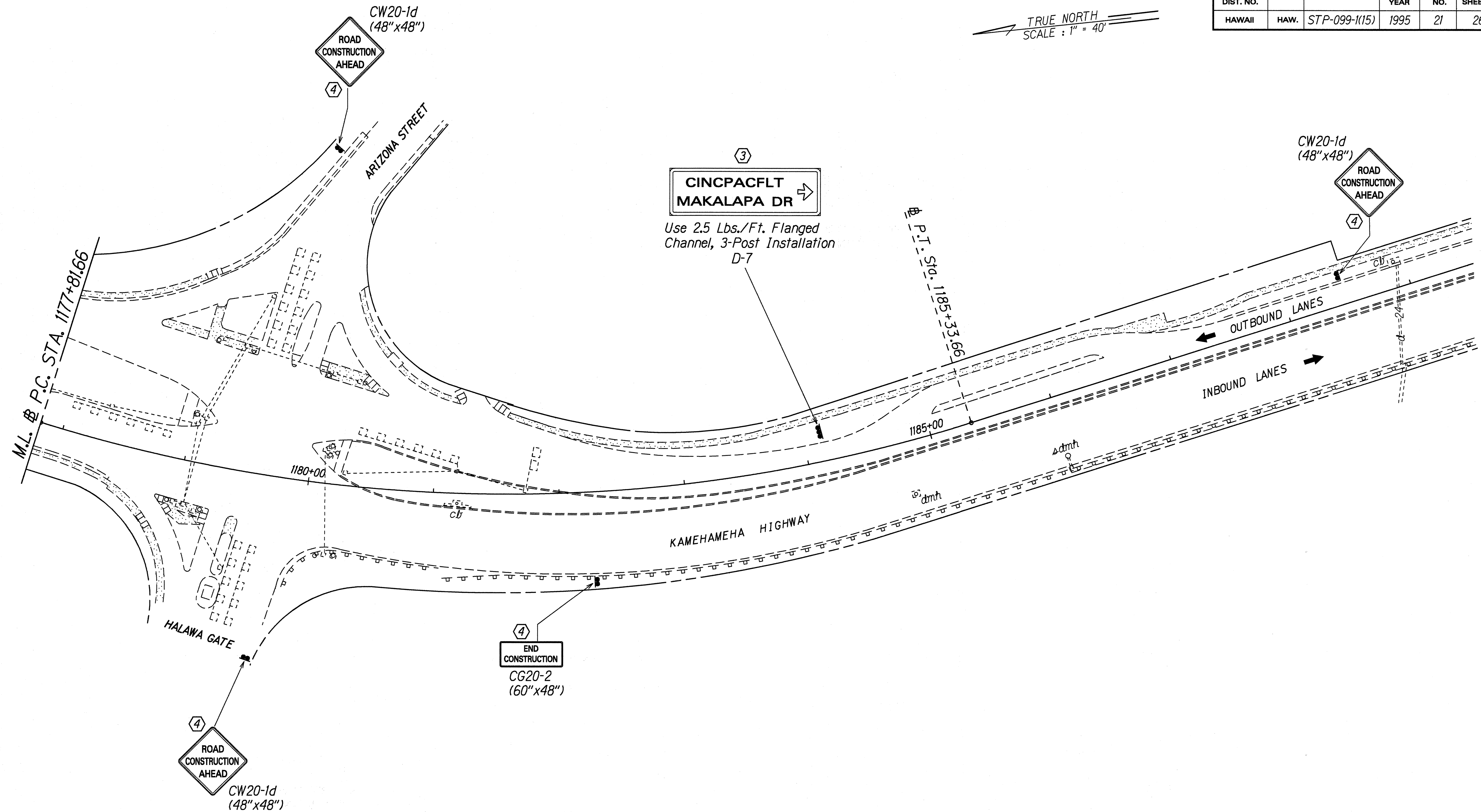
- ① Exist. Sign(s) & Post(s) to Remain
- ② Remove Exist. Sign(s) w/Post(s)
- ③ Remove Exist. Sign(s) w/Post(s) & Install New w/Post(s)
- ④ Install New Sign(s) w/Post(s)
- ⑤ Remove Exist. Sign(s) & Install New on Exist. Light Standard
- ⑥ Remove Exist. Sign(s) & Install New on Exist. Traffic Signal
- ⑦ Remove Exist. Sign(s) & Install New on Exist. Post(s)

DATE: 5/13/95  
 SURVEY PLOTTED BY: [Name]  
 ORIGINAL PLAN: [Name]  
 DESIGNED BY: G. KANEHI  
 QUANTITIES BY: [Name]  
 CHECKED BY: [Name]

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION  
**PAVEMENT MARKING & SIGNING PLAN**  
 KAMEHAMEHA HIGHWAY RESURFACING  
 Vicinity of Honomanu Street  
 To Halawa Drive  
 FED. AID PROJ. NO. STP-099-1(15)  
 Scale: 1" = 40' Date: June, 1995  
 SHEET No. 14 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-099-1(15)	1995	21	26

TRUE NORTH  
SCALE: 1" = 40'



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

- KEY:**
- ① Exist. Sign(s) & Post(s) to Remain
  - ② Remove Exist. Sign(s) w/Post(s)
  - ③ Remove Exist. Sign(s) w/Post(s) & Install New w/Post(s)
  - ④ Install New Sign(s) w/Post(s)
  - ⑤ Remove Exist. Sign(s) & Install New on Exist. Light Standard
  - ⑥ Remove Exist. Sign(s) & Install New on Exist. Traffic Signal
  - ⑦ Remove Exist. Sign(s) & Install New on Exist. Post(s)

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

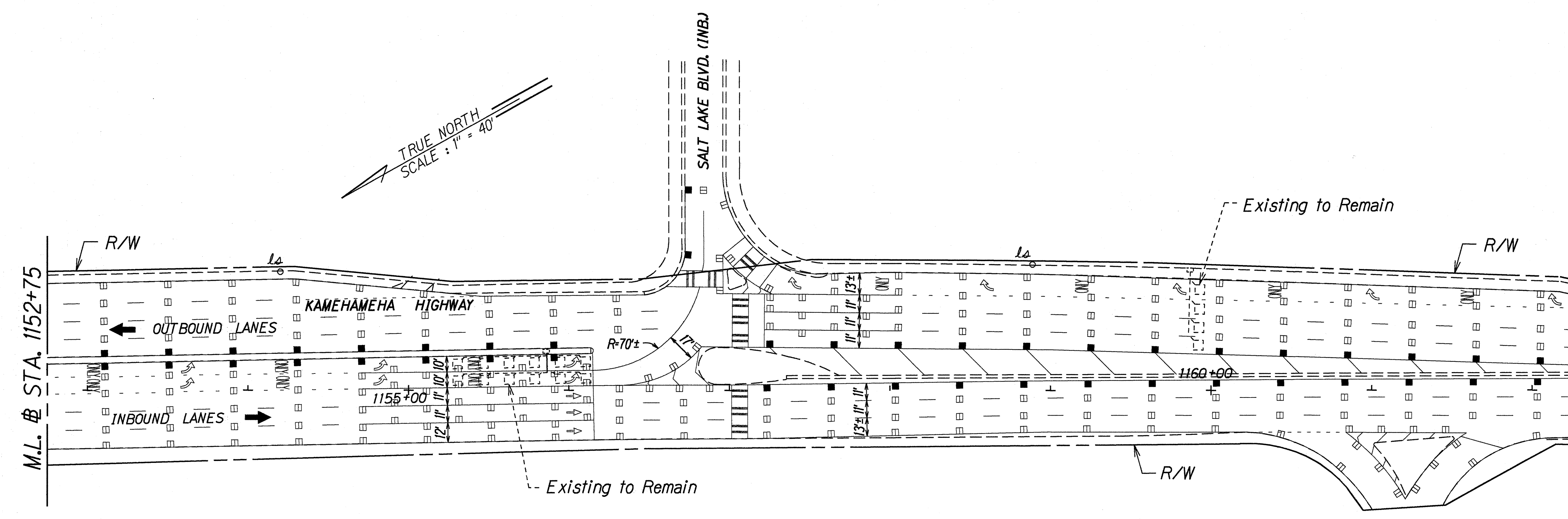
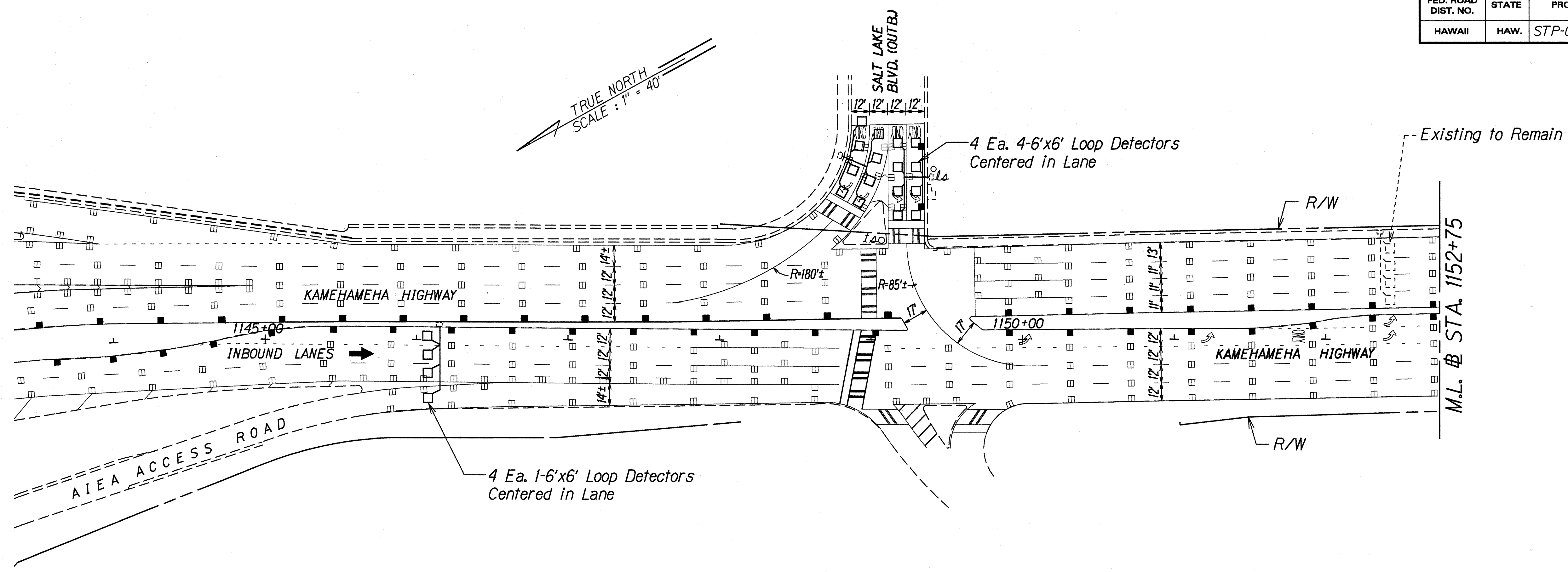
**PAVEMENT MARKING &  
SIGNING PLAN**

**KAMEHAMEHA HIGHWAY RESURFACING  
Vicinity of Honomanu Street  
To Halawa Drive**

FED. AID PROJ. NO. STP-099-1(15)  
Scale: 1" = 40' Date: June, 1995

SHEET No. 15 OF 10 SHEETS

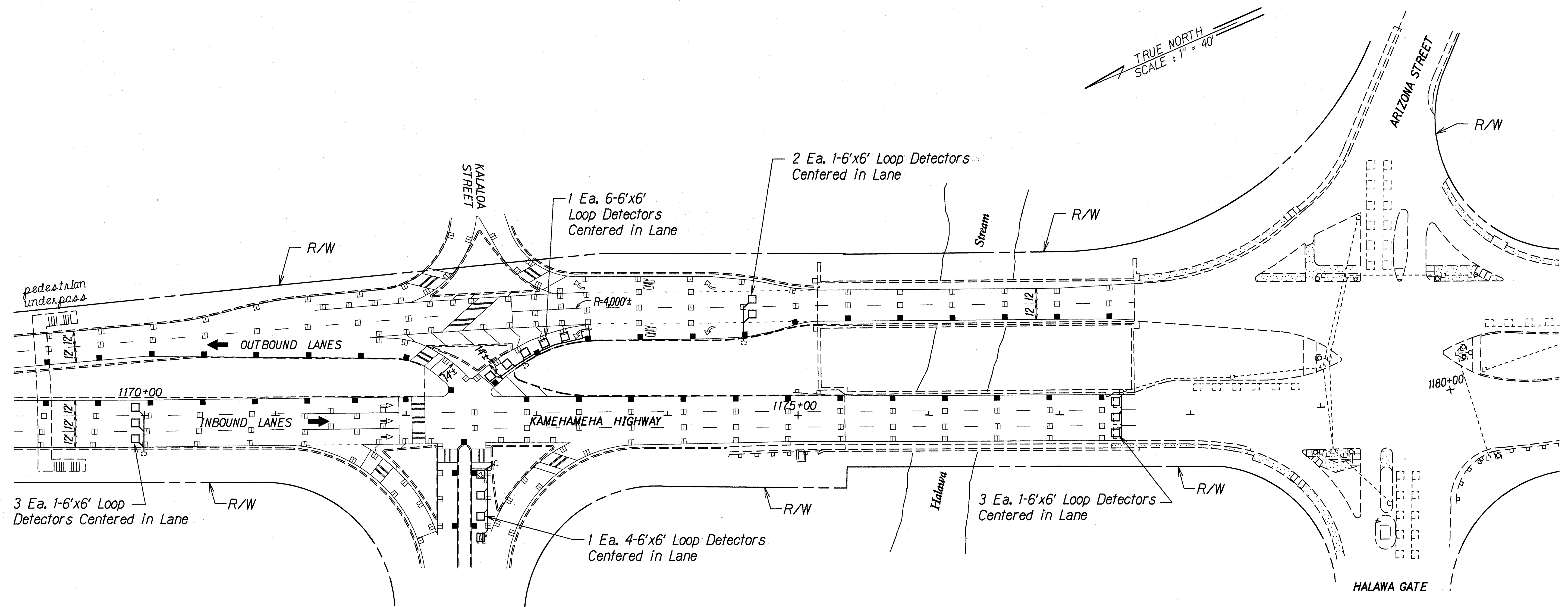
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-099-1(15)	1995	22	26



SURVEY PLOTTED BY \_\_\_\_\_ DATE: 5/13/94  
 DRAWN BY: A. Aditi  
 NOTE BOOK NO. 12101  
 DESIGNED BY: G. Kikuchi  
 QUANTITIES BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION  
**LOOP DETECTOR PLAN**  
 KAMEHAMEHA HIGHWAY RESURFACING  
 Vicinity of Honomanu Street  
 To Halawa Drive  
 FED. AID PROJ. NO. STP-099-1(15)  
 Scale: 1" = 40' Date: June, 1995  
 SHEET No. T6 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-099-1(15)	1995	23	26



TRUE NORTH  
SCALE: 1" = 40'

DATE: 8/94  
 SURVEY PLOTTED BY: [blank]  
 TRACED BY: [blank]  
 DESIGNED BY: G. Kakehi  
 QUANTITIES BY: [blank]  
 CHECKED BY: [blank]

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

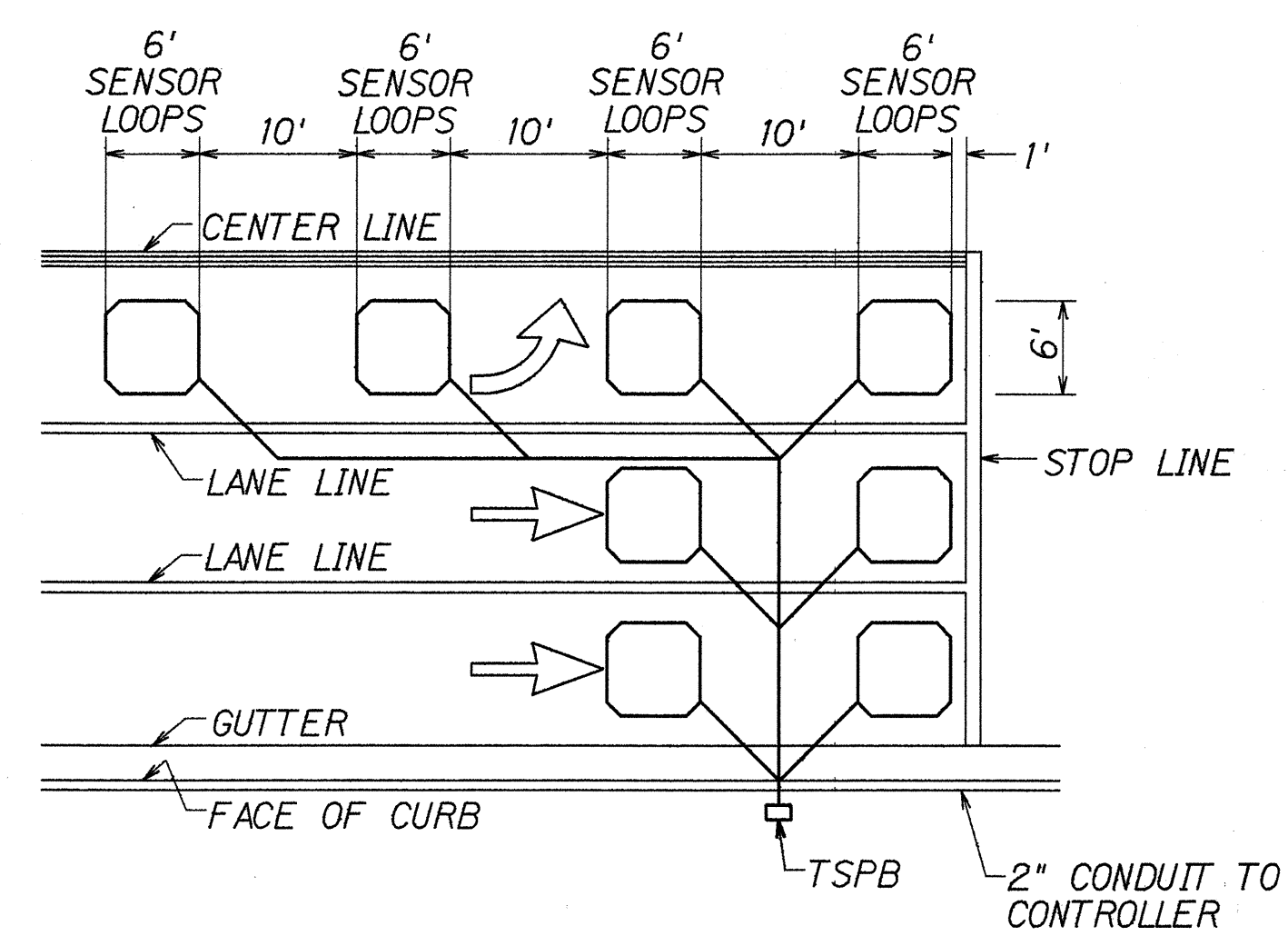
**LOOP DETECTOR PLAN**

KAMEHAMEHA HIGHWAY RESURFACING  
 Vicinity of Honomanu Street  
 To Halawa Drive

FED. AID PROJ. NO. STP-099-1(15)  
 Scale: 1" = 40' Date: June, 1995

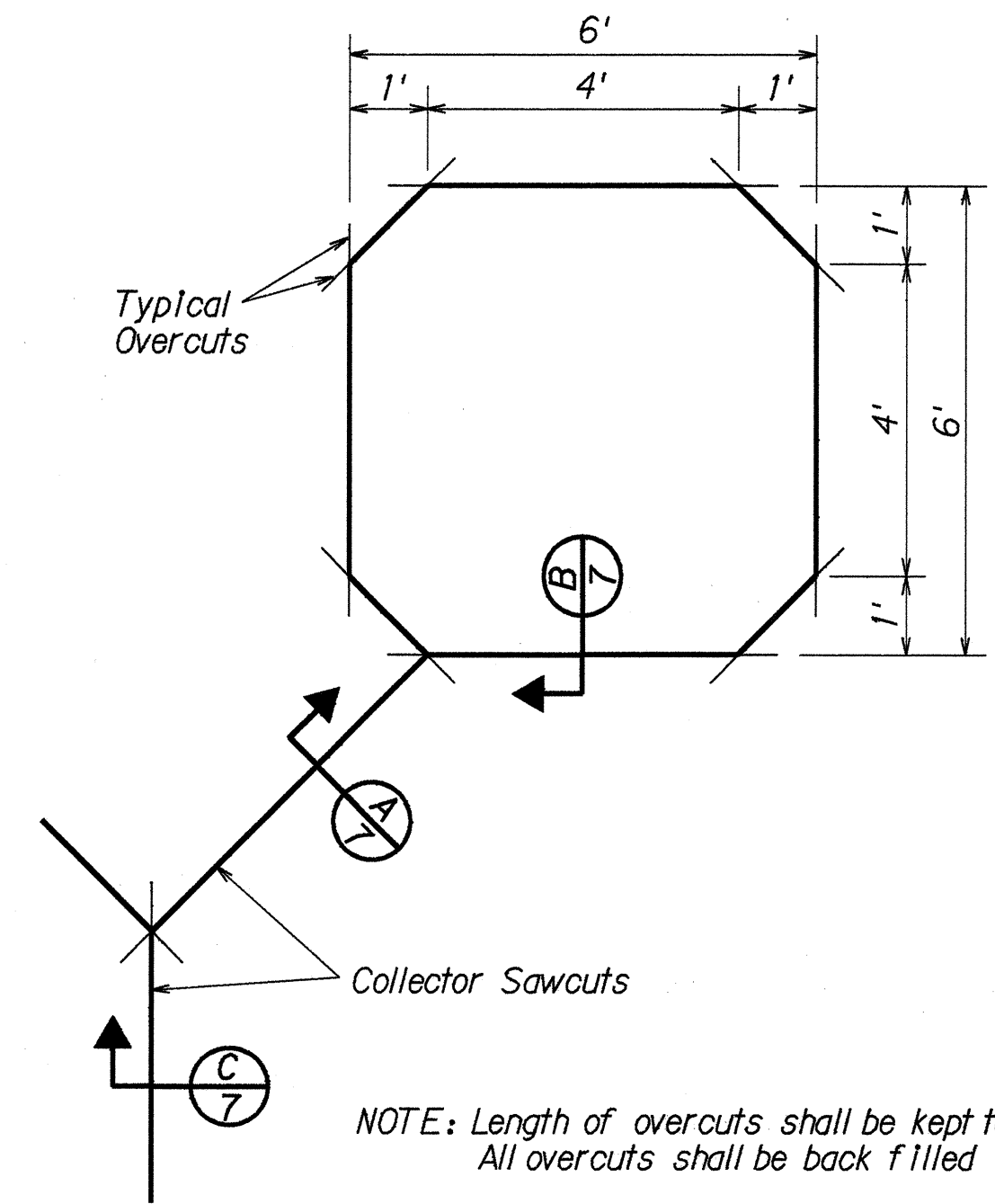
SHEET No. 23 OF 26 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-099-1(15)	1995	24	26

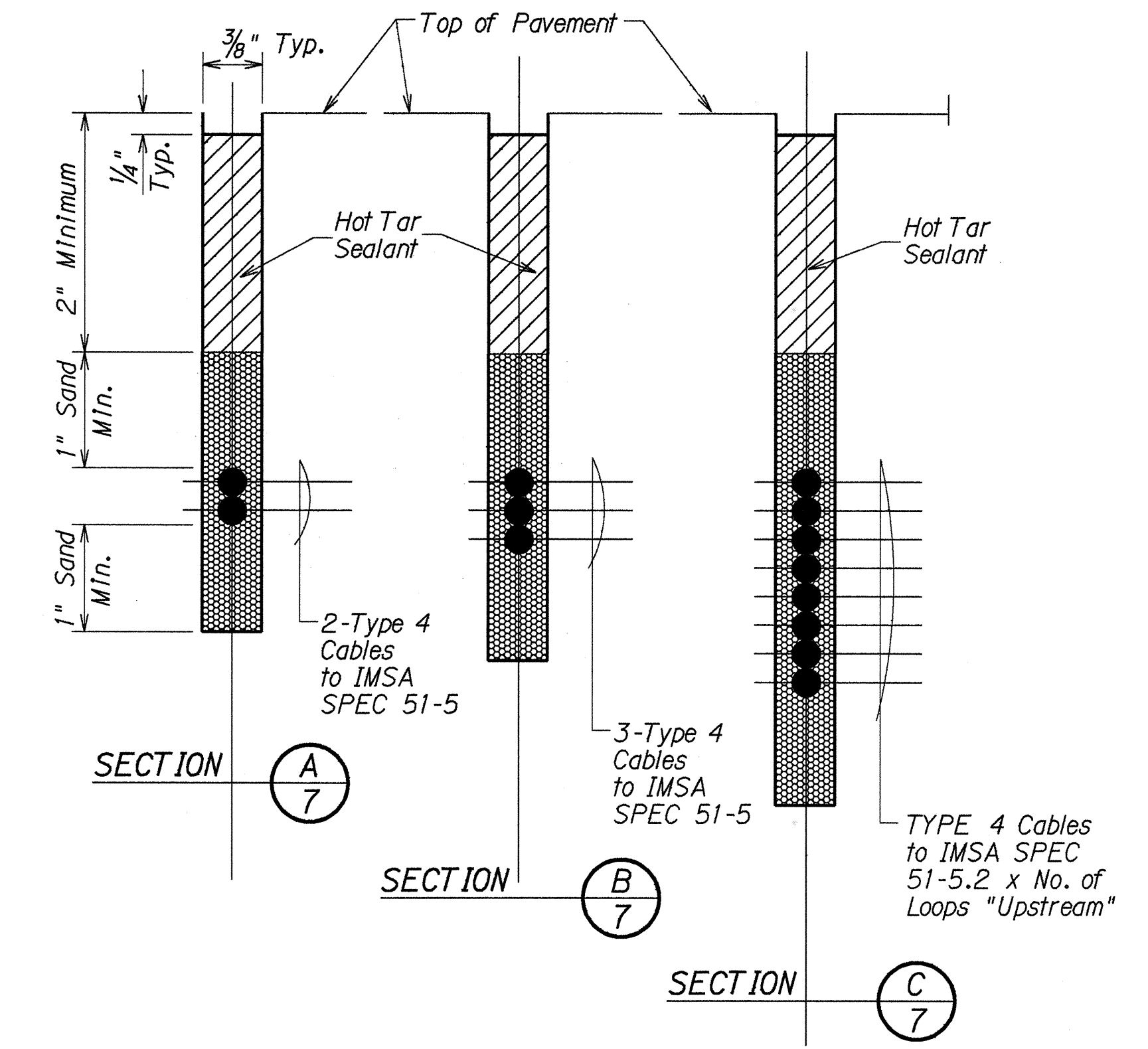


- NOTES:
- Center sensor loops in lanes.
  - Collector cables shall be twisted 2 turns per foot.
  - Number of loops and locations vary. See project plans.
  - Number and locations of collector sawcuts may be varied in the field to suit.

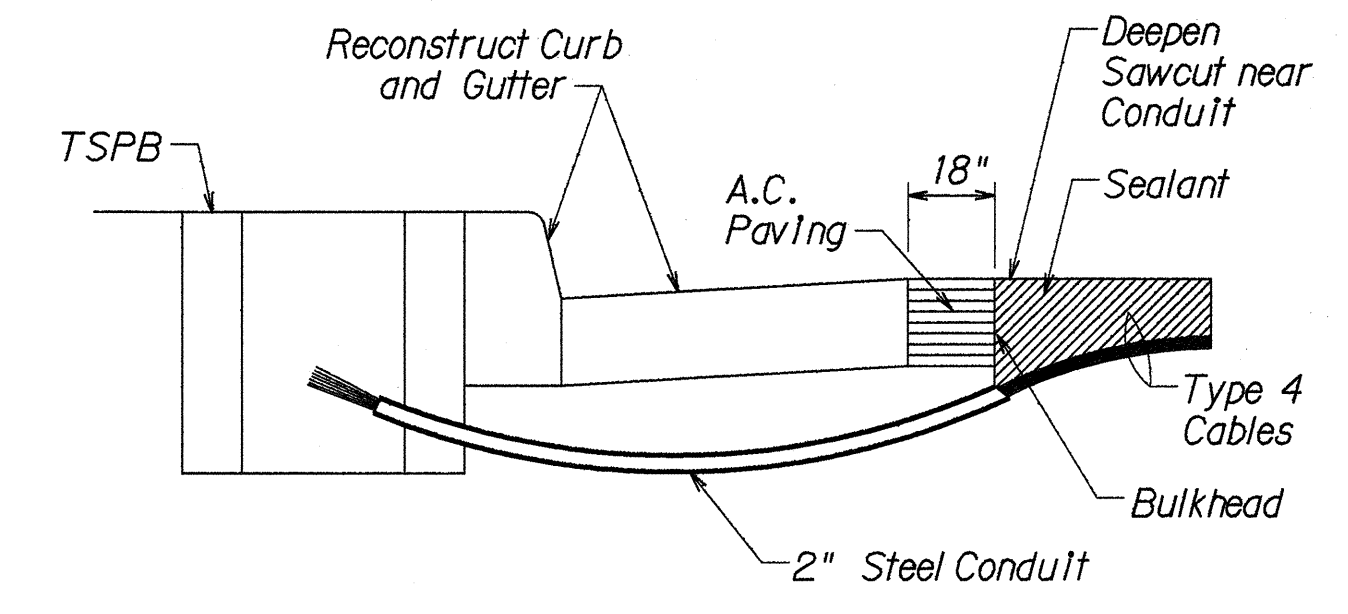
TYPICAL SENSOR LOOP LAYOUT



TYPICAL SENSOR LOOP SAWCUT DETAIL

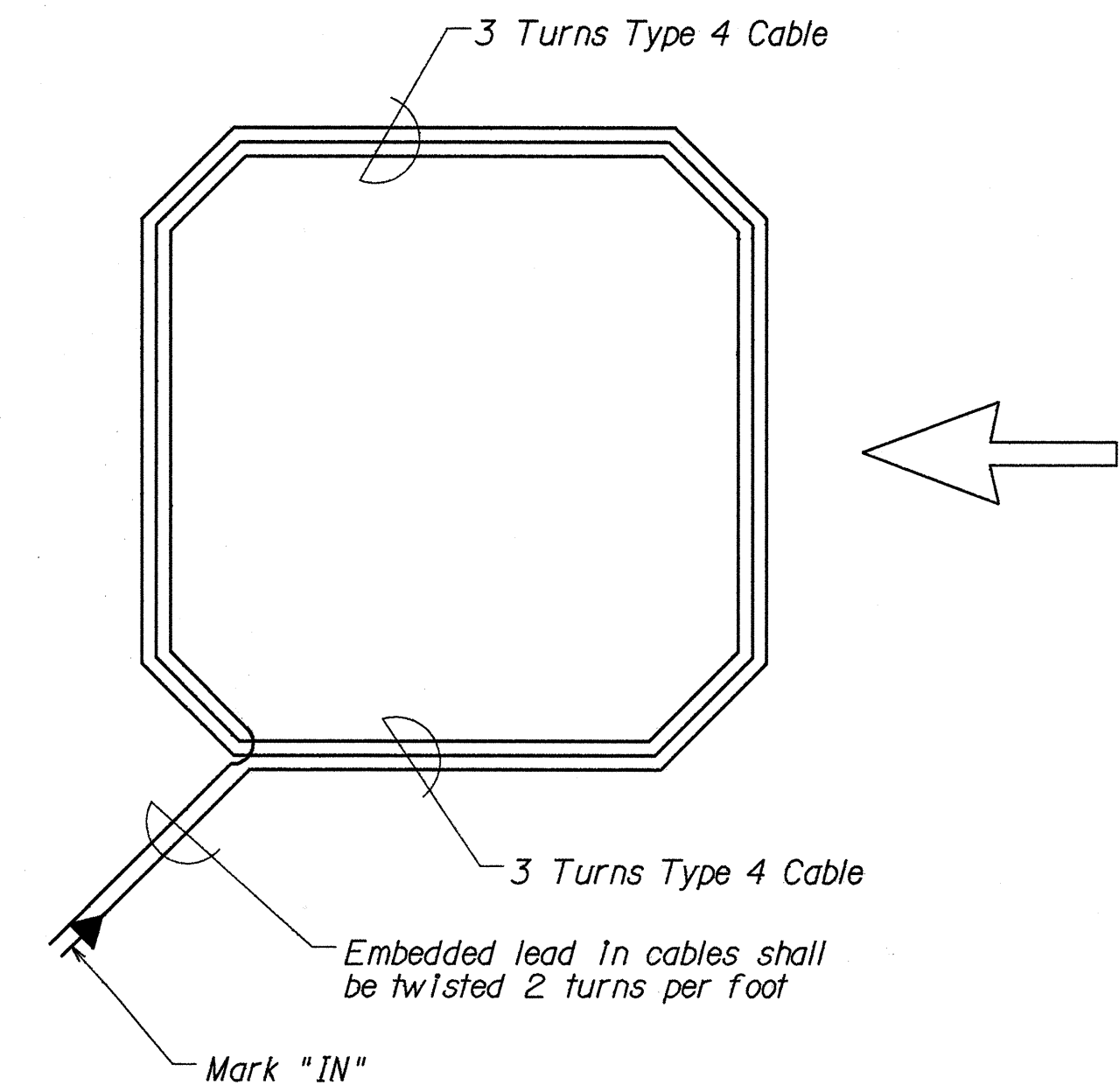


TYPICAL SECTION THROUGH SENSOR LOOP



- NOTES ON CONSTRUCTION AT END OF SAWCUT
- Seal roadway end of conduit after installation of conductors.
  - Install bulkhead across conduit trench.
  - Place hot tar in sawcut.
  - Backfill over conduit with new A.C.
  - Reconstruct curb and gutter as required.

DETAIL OF SENSOR LOOP INSTALLATION AT EDGE OF ROADWAY



TYPICAL SENSOR LOOP WIRING DIAGRAM

TYPES OF CABLES

- TYPE 1 Signal Loop Cable: Stranded No. 14, 26 conductors
- TYPE 2 Detector Lead-In Cable and Pedestrian Push Button Circuit Cable: Stranded, No. 14, 2 Conductors
- TYPE 3 Interconnect Cable: Solid No. 20, 12 Pairs
- TYPE 4 Loop Sensor Cable: Solid No. 12, Single Conductor to IMSA SPEC 51-5
- TYPE 5 Cable from Signal Loop to Signal Head: Stranded, No. 14, Single Conductor
- TYPE 6 Service Cable: Solid, No. 6, 3 Conductors

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
APPROVED BY	
DATE	

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**LOOP DETECTOR DETAILS**

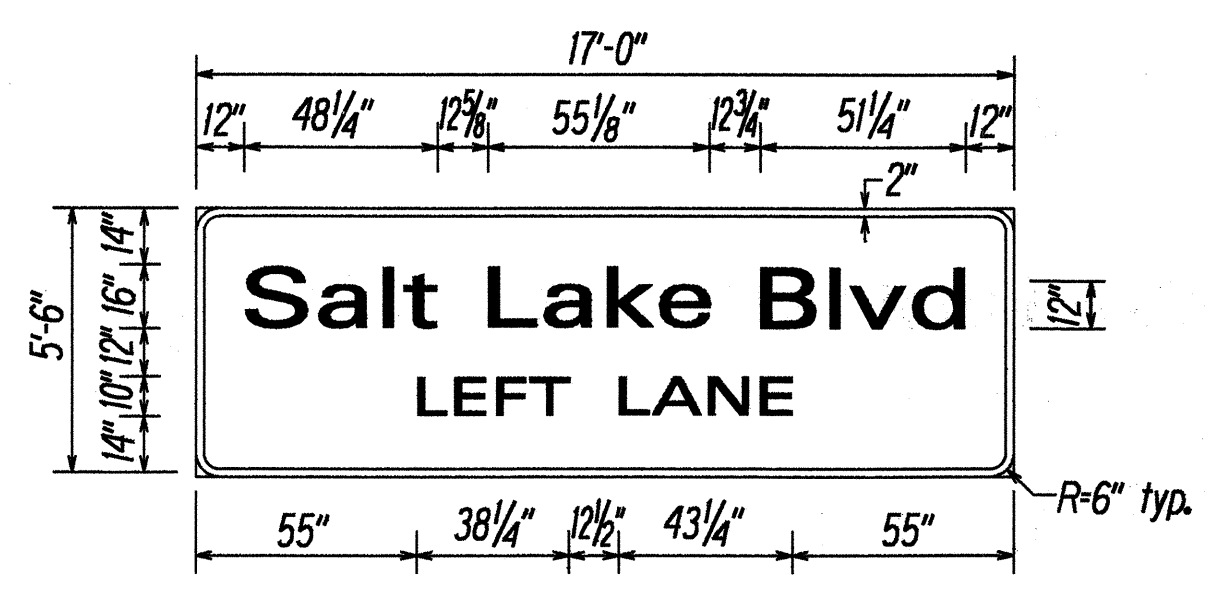
**KAMEHAMEHA HIGHWAY RESURFACING**  
Vicinity of Honomanu Street  
To Halawa Drive

FED. AID PROJ. NO. STP-099-1(15)

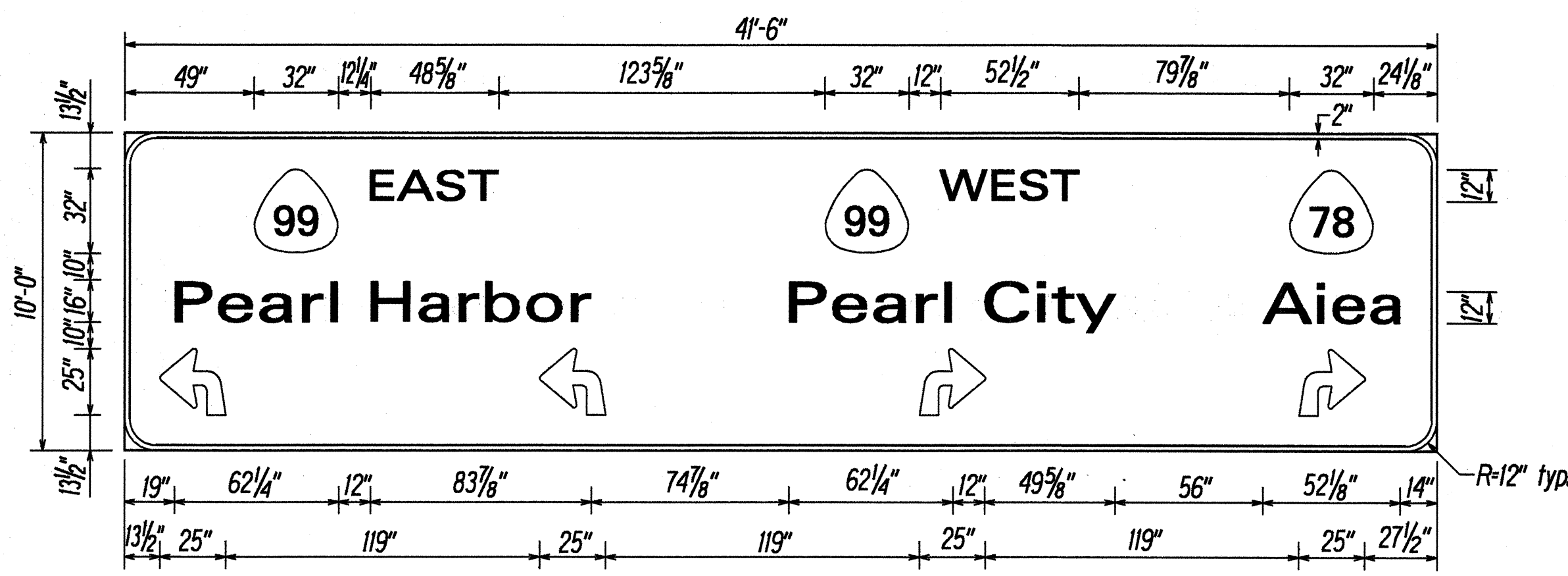
Not to Scale Date: June, 1995

SHEET No. 18 OF 10 SHEETS

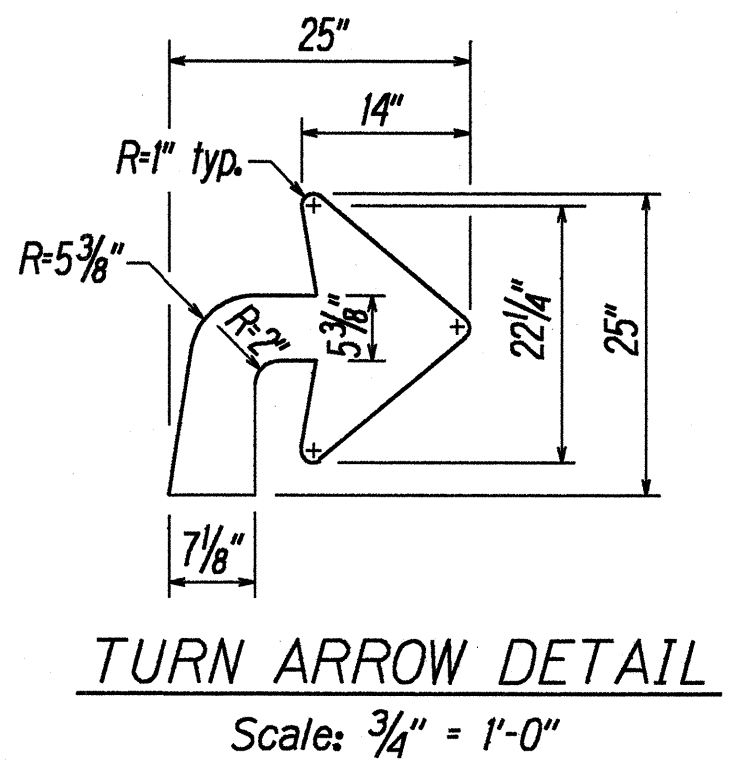
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-099-1(15)	1995	25	26



E-1  
Scale: 1/4" = 1'-0"

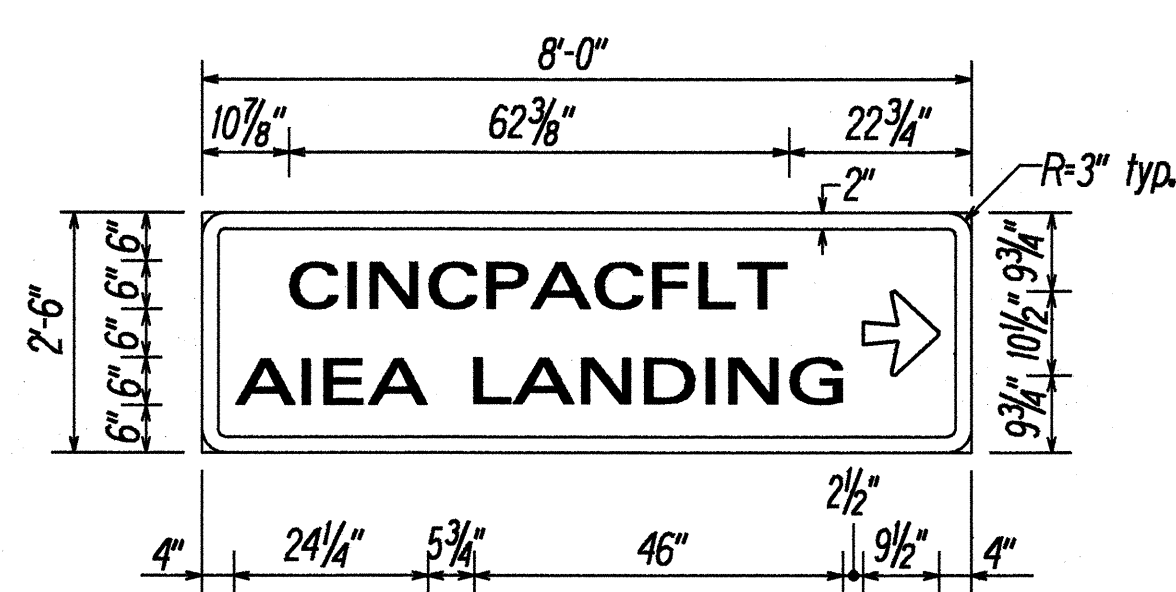


E-2  
Scale: 1/4" = 1'-0"

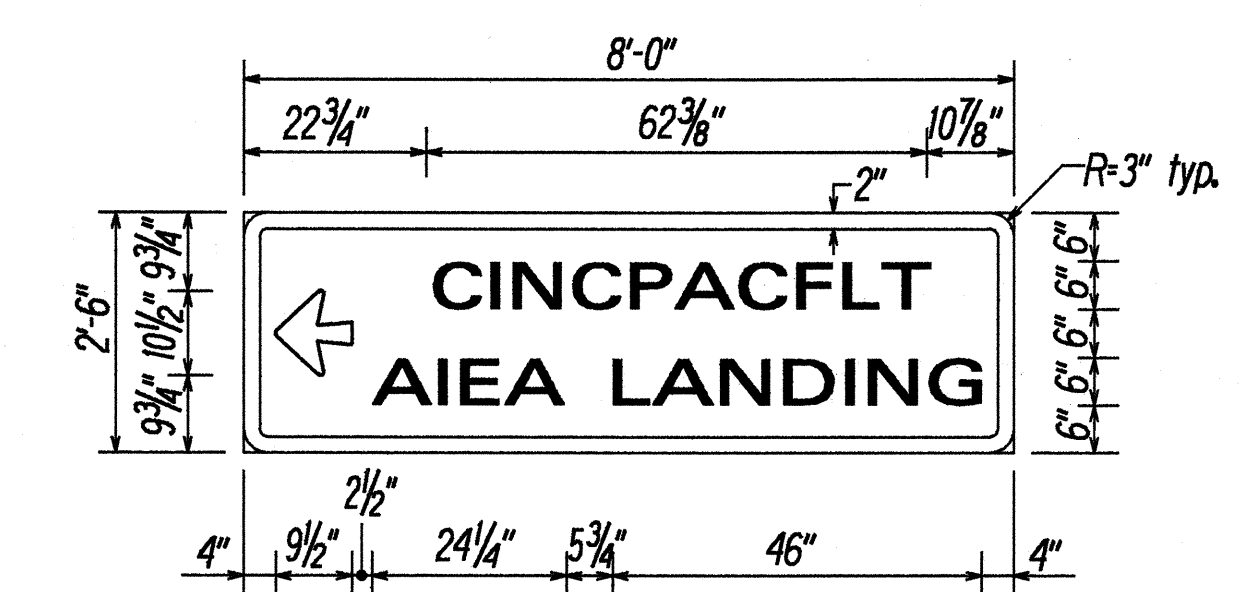


EXPRESSWAY (E) AND DESTINATION (D) SIGN NOTES

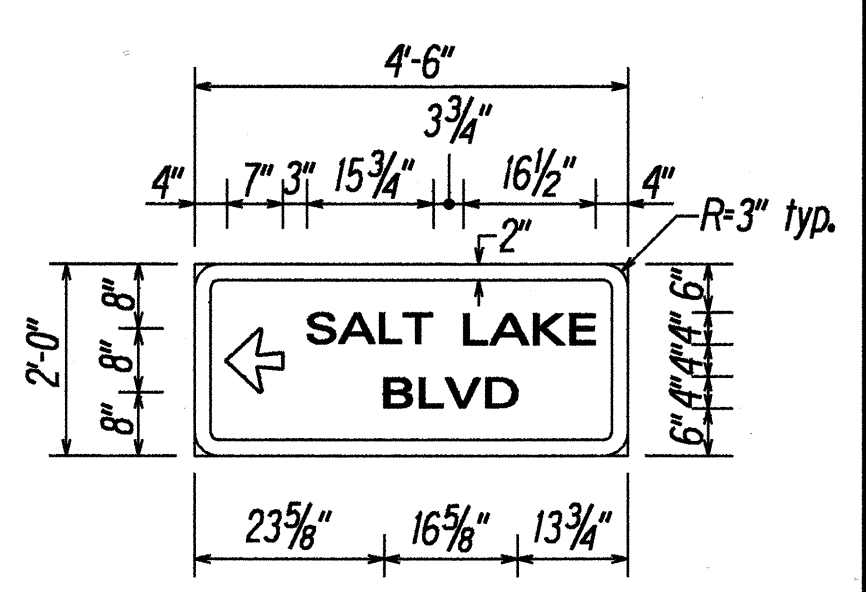
- Background for all illuminated ("E designation"), non-illuminated ("D" designation) sign and exit number panels shall be reflectorized with Type III or IV retroreflective sheeting (High Intensity or High Performance Grade).
- The message, arrows and borders of expressway signs ("E" and "D" designations) and exit number panels shall be reflectorized with porcelain enameled aluminum cut-outs with acrylic plastic reflex reflectors or Type III or IV retroreflective sheeting (High Intensity or High Performance Grade).
- The Contractor shall verify the locations and dimensions of existing Sign Panels and Supports.
- Letter Size:
  - When letters are all uppercase, use series "E"
  - When initial uppercase letter is used in conjunction with lowercase letters, use series "E"(M) for uppercase
- Contractor shall submit all sign splicing details to the Engineer for approval. All backing for signs 4 feet by 6 feet or less shall be of one sheet.
- New sign panels shall be laminated or extruded aluminum.
- Destination sign posts shall be as noted on the plans.
- Removal and disposal of existing sign panels, posts with foundation, and supports will not be paid for separately, but shall be considered incidental to the various signing items.



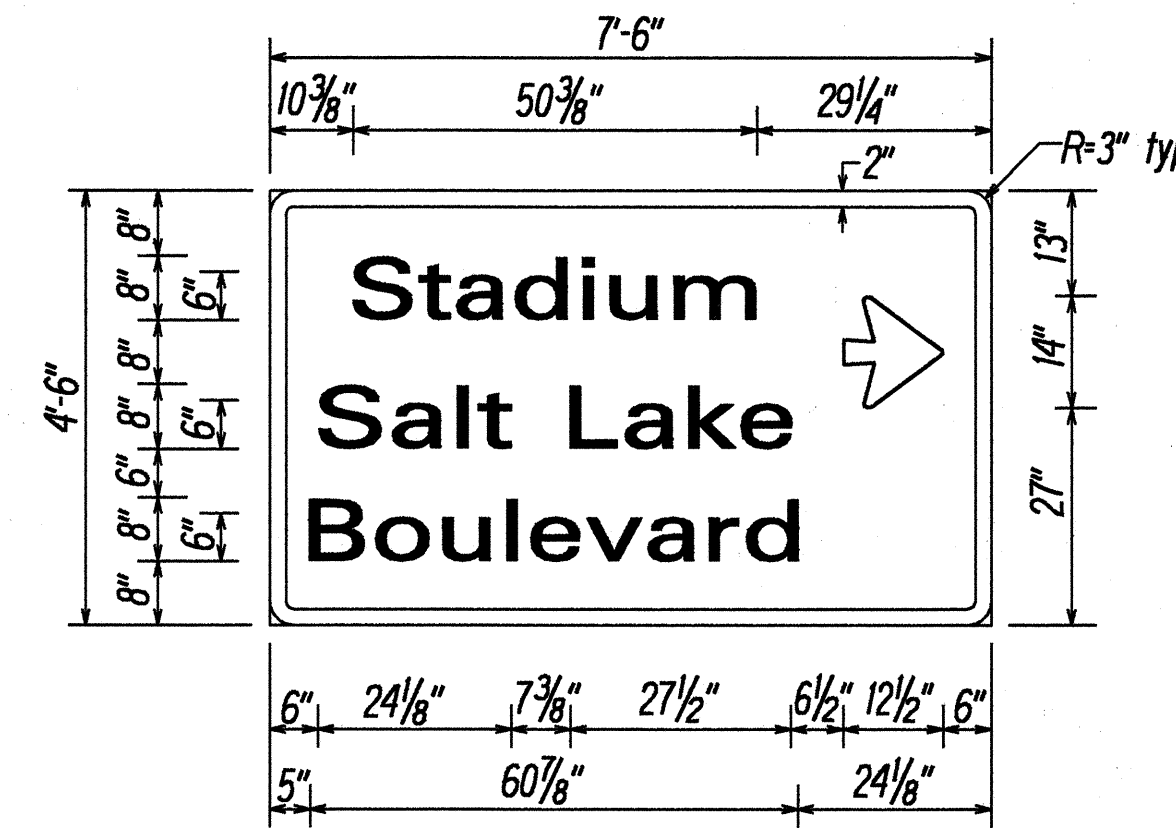
D-1  
Scale: 1/2" = 1'-0"



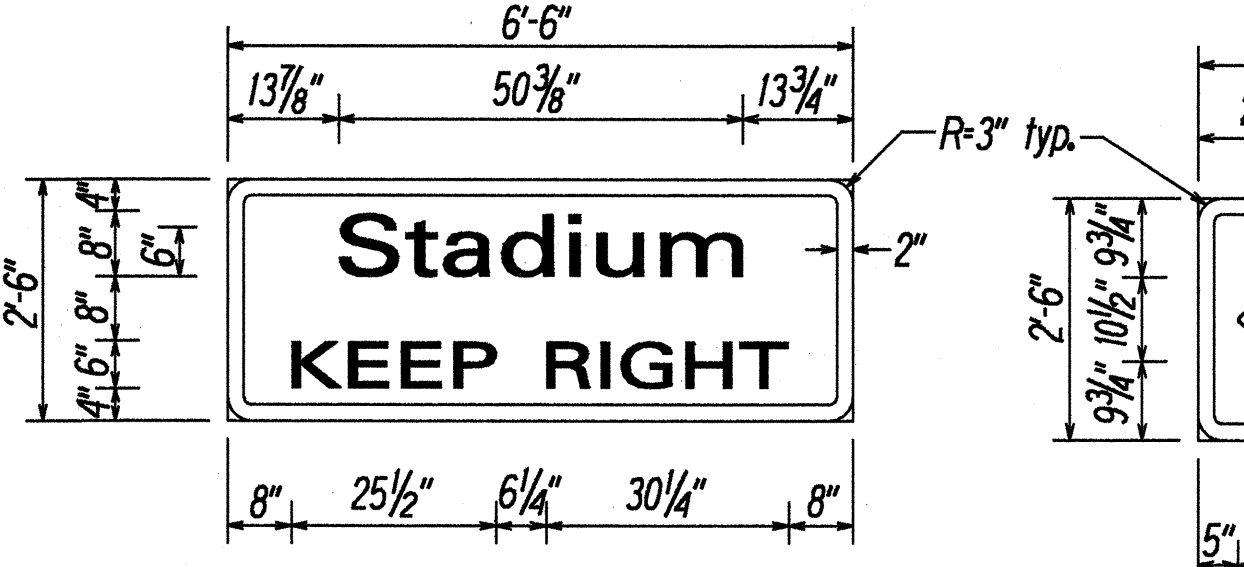
D-2  
Scale: 1/2" = 1'-0"



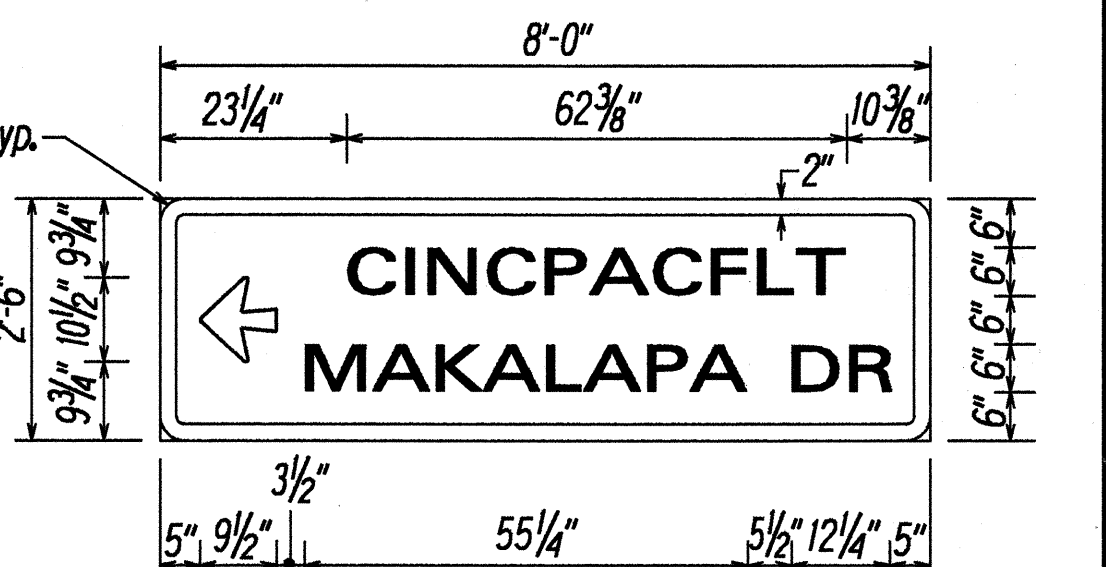
D-3  
Scale: 1/2" = 1'-0"



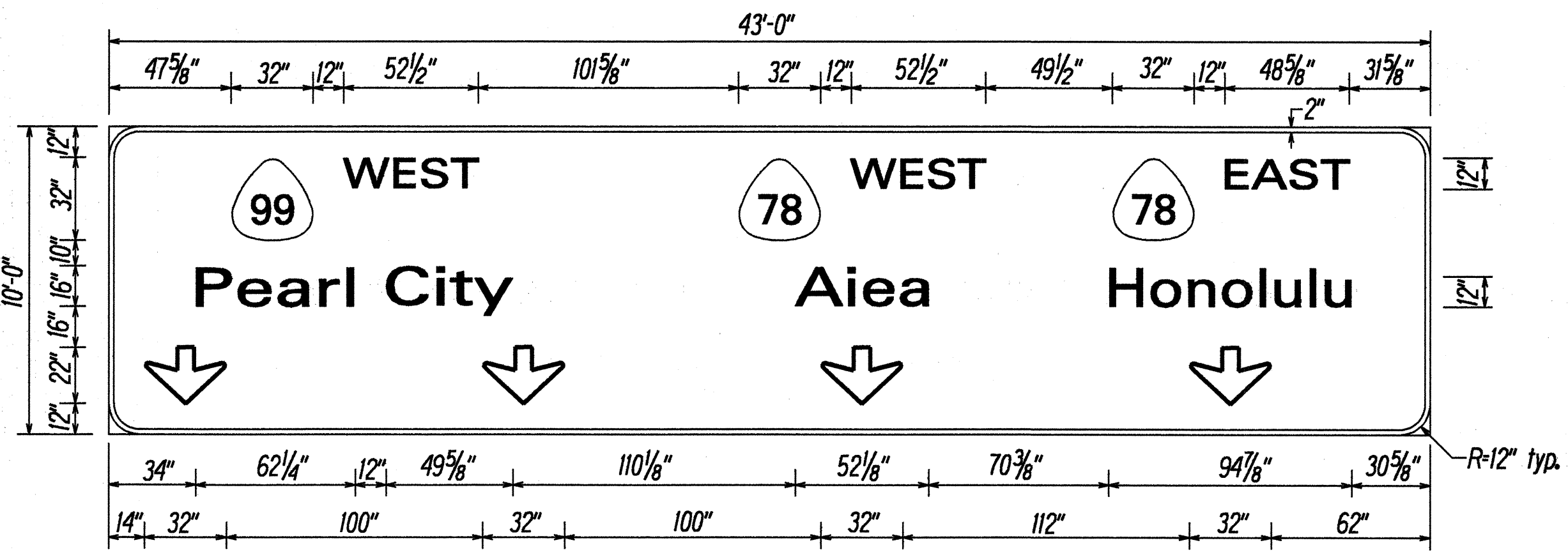
D-4  
Scale: 1/2" = 1'-0"



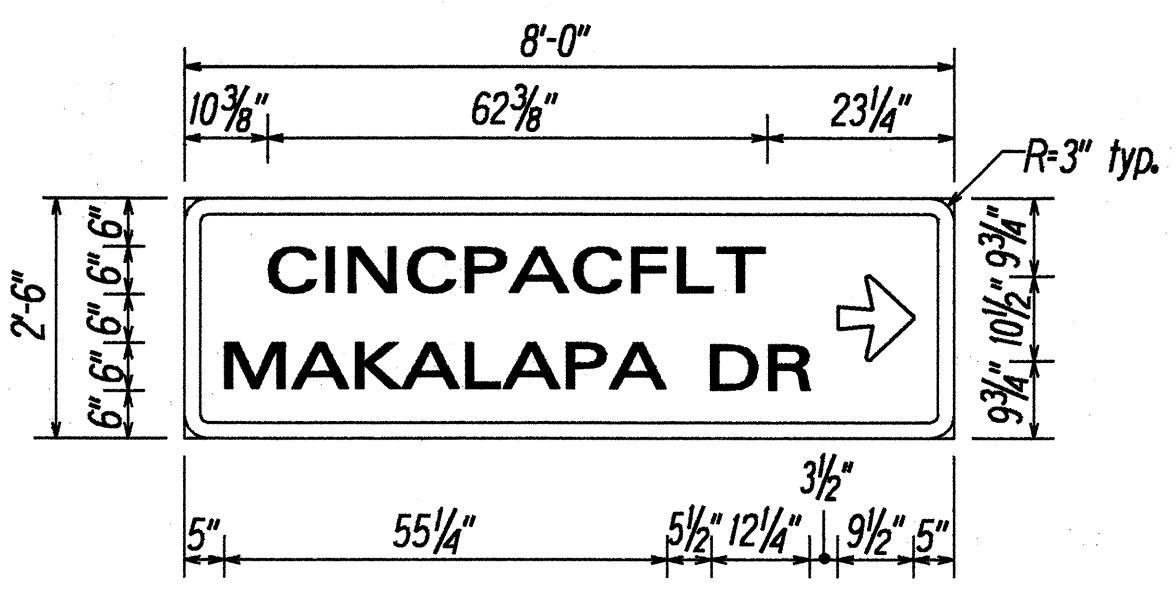
D-5  
Scale: 1/2" = 1'-0"



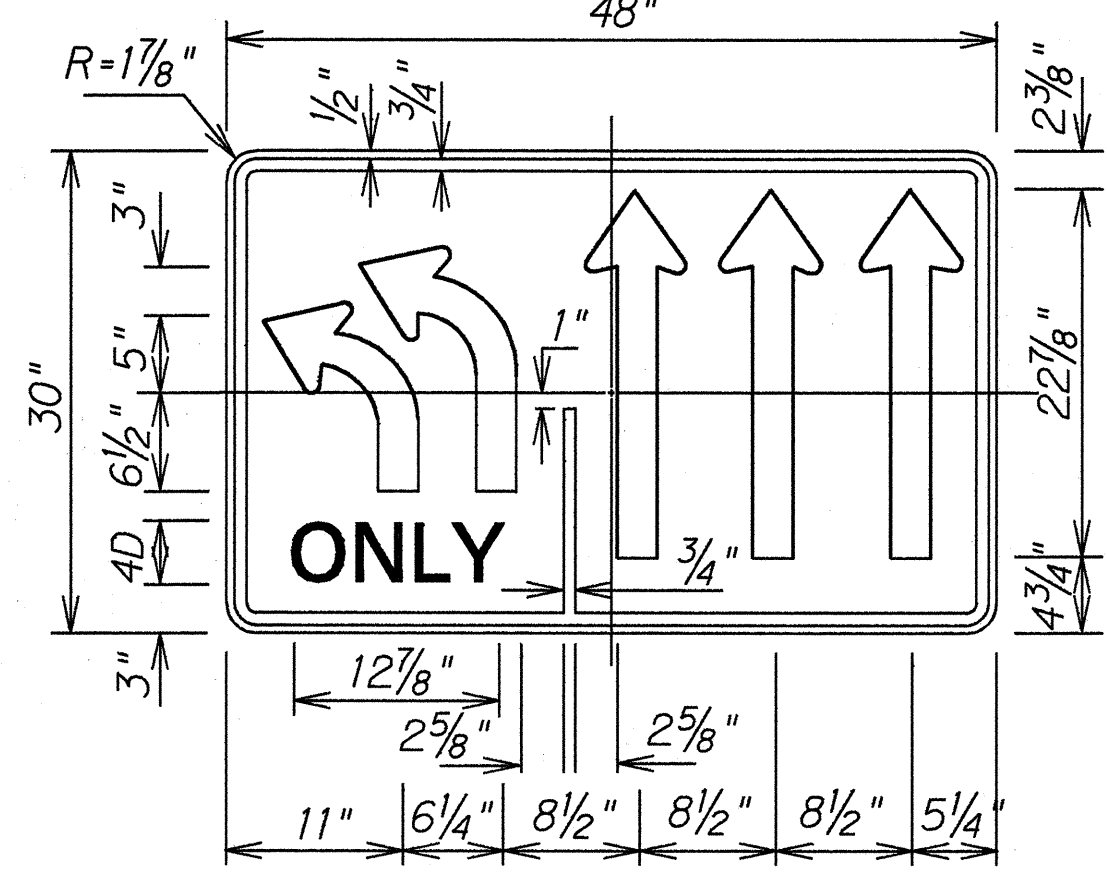
D-6  
Scale: 1/2" = 1'-0"



E-3  
Scale: 1/4" = 1'-0"



D-7  
Scale: 1/2" = 1'-0"



SIGN R3-23(L)  
Not to Scale

NOTE:  
1. Sign R3-23(L) is a variation of Sign R3-8. Plate and arrow details shall conform to Sign R3-8.

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**MISCELLANEOUS SIGN**  
**DETAIL**  
KAMEHAMEHA HIGHWAY RESURFACING  
Vicinity of Honomanu Street  
To Halawa Drive  
FED. AID PROJ. NO. STP-099-1(15)  
Scale: As shown Date: June, 1995  
SHEET No. 19 OF 10 SHEETS

DATE: 8/7/94  
DESIGNED BY: G. K. K. K.  
CHECKED BY: G. K. K. K.  
NOTED BY: G. K. K. K.  
QUANTITIES BY: G. K. K. K.  
ORIGINAL PLAN: G. K. K. K.

### CONSTRUCTION SIGN SUMMARY

SIGN NO.	LOCATION	MESSAGE	W/POSTS
CG20-2	I.B. STA. 1123+00 LT.	END CONSTRUCTION	1
CW20-1d	I.B. STA. 1124+00 RT.	ROAD CONSTRUCTION AHEAD	1
CG20-2	SOUTHEAST RAMP - 330'± AFTER PROJ. LIMIT	END CONSTRUCTION	1
CW20-1d	AIEA ACCESS RD. - 430'± BEFORE PROJ. LIMIT	ROAD CONSTRUCTION AHEAD	1
CW20-1d	SALT LAKE BLVD (O.B.) - 200'± BEFORE PROJ. LIMIT	ROAD CONSTRUCTION AHEAD	2
CG20-2	SALT LAKE BLVD (I.B.) - 200'± AFTER PROJ. LIMIT	END CONSTRUCTION	1
CW20-1d	KONOHUA ST. - 200'± BEFORE PROJ. LIMIT	ROAD CONSTRUCTION AHEAD	1
CW20-1d	KALALOA ST. - 200'± BEFORE PROJ. LIMIT	ROAD CONSTRUCTION AHEAD	1
CW20-1d	ARIZONA ST. - 100'± BEFORE PROJ. LIMIT	ROAD CONSTRUCTION AHEAD	1
CW20-1d	HALAWA GATE	ROAD CONSTRUCTION AHEAD	1
CW20-1d	KAM. HWY. STA. 1188+50 LT.	ROAD CONSTRUCTION AHEAD	1
CG20-2	KAM. HWY. STA. 1182+30 RT.	END CONSTRUCTION	1
<b>TOTAL</b>			<b>13</b>

### 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 POSTS
RI-1	STOP	2			
RI-2	YIELD	2	2		
R2-1(25)	SPEED LIMIT 25	1			
R3-2		1			
R3-4			1		
R3-5(R)		1			
R3-7(R)	RIGHT LANE MUST TURN RIGHT		1		
R3-23(L)			1		
R4-7		1			
R6-1(L)			1		
R7-201a			9		
R8-3a				3	
R8-3a(L&R)		2	5		
R10-11d	NO RIGHT TURN ON RED EXCEPT FROM RIGHT LANE AFTER STOP				1
R17-4		1			
W11-2		1			
W11A-2			1		
<b>TOTAL</b>		<b>12</b>	<b>24</b>		<b>1</b>

### REFLECTOR MARKER SUMMARY

TYPE	QUANTITY					
	W/O POST		W/STEEL POST		MOUNT ON CONCRETE MEDIAN BARRIER	
	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE
RM-2			3		8	
RM-3	1					

### PAVEMENT MARKING SUMMARY

DESCRIPTION	QUANTITY
<b>PAVEMENT MARKERS</b>	
TYPE A _____	1,300 EA.
TYPE C _____	920 EA.
TYPE D _____	2 EA.
TYPE H _____	240 EA.
<b>TAPE - TYPE I OR THERMOPLASTIC EXTRUSION</b>	
4-INCH PAVEMENT STRIPE (WHITE) _____	400 L.F.
8-INCH PAVEMENT STRIPE (WHITE) _____	2,000 L.F.
DOUBLE 4-INCH PAVEMENT STRIPE (YELLOW) _____	50 L.F.
<b>TAPE - TYPE II OR THERMOPLASTIC EXTRUSION</b>	
4-INCH PAVEMENT STRIPE (WHITE) _____	9,700 L.F.
4-INCH PAVEMENT STRIPE (YELLOW) _____	9,600 L.F.
8-INCH PAVEMENT STRIPE (WHITE) _____	4,100 L.F.
12-INCH PAVEMENT STRIPE (WHITE) _____	900 L.F.
12-INCH PAVEMENT STRIPE (YELLOW) _____	300 L.F.
<b>TAPE - TYPE III OR THERMOPLASTIC EXTRUSION</b>	
4-INCH PAVEMENT STRIPE (WHITE) _____	1,900 L.F.
12-INCH PAVEMENT STRIPE (WHITE) _____	520 L.F.
CROSSWALK MARKINGS _____	40 LANES
PAVEMENT ARROW _____	34 EA.
PAVEMENT WORD _____	20 EA.

### EXPRESSWAY SIGN SUMMARY

SIGN NO.	LOCATION	MESSAGE	SIZE	OVERLAY AREA (SQ. FT.)
E-1	# STA. 1142+90± I.B.	Salt Lake Blvd LEFT LANE	17'-0" x 5'-6"	93.50
E-2	SLAT LAKE BLVD. (O.B.)	99 EAST Pearl Harbor ← 99 WEST Pearl City → 78 Aiea →	41'-6" x 10'-0"	415.50
E-3	# STA. 1151+40± O.B.	99 WEST Pearl City ↘ ↙ 78 WEST Aiea ↘ 78 EAST Honolulu ↘	43'-0" x 10'-0"	430.00
<b>TOTAL</b>				<b>939.00</b>

### DESTINATION SIGN SUMMARY

SIGN NO.	LOCATION	MESSAGE	SIZE	NEW PANEL AREA (SQ. FT.)	
				W/O POSTS	W/POSTS
D-1	# STA. 1134+00 I.B. Rt.	CINCPACFLT AIEA LANDING →	8'-0" x 2'-6"		20.00
D-2	# STA. 1140+50 O.B. LT.	← CINCPACFLT AIEA LANDING	8'-0" x 2'-6"		20.00
D-3	# STA. 1151+40 I.B. LT.	← SALT LAKE BLVD	4'-6" x 2'-0"	9.00	
D-4	# STA. 1160+00 O.B. RT.	Stadium Salt Lake Boulevard →	7'-6" x 4'-6"		33.75
D-5	# STA. 1168+70 O.B. LT.	Stadium KEEP RIGHT	6'-6" x 2'-6"	16.25	
D-6	# STA. 1174+00 I.B. LT.	← CINCPACFLT MAKALAPA DR	8'-0" x 2'-6"		20.00
D-7	# STA. 1184+20 O.B. RT.	CINCPACFLT MAKALAPA DR →	8'-0" x 2'-6"		20.00
<b>TOTAL</b>				<b>25.25</b>	<b>113.75</b>

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

### MISCELLANEOUS TRAFFIC SUMMARIES

**KAMEHAMEHA HIGHWAY RESURFACING**  
Vicinity of Honomanu Street  
To Halawa Drive  
FED. AID PROJ. NO. STP-099-1(15)  
Date: June, 1995

SHEET No. T10 OF 10 SHEETS

QUANTITY CHECKED BY: \_\_\_\_\_  
 DESIGNED BY: G. Keightley  
 CHECKED BY: \_\_\_\_\_  
 DATE: 6/22/95