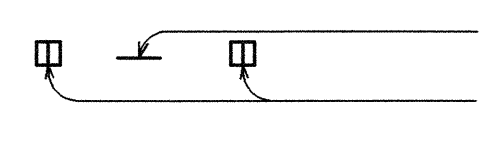
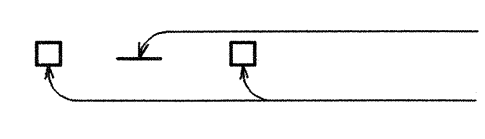
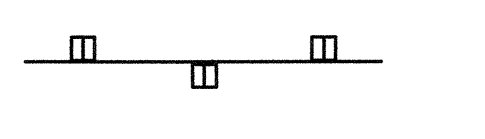
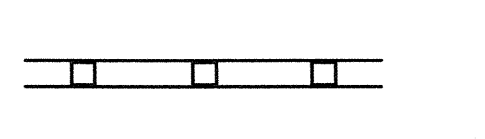
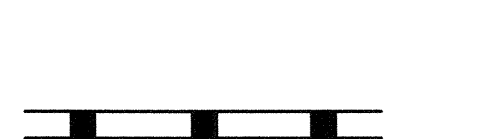


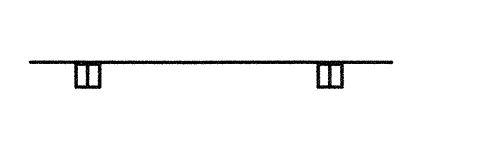

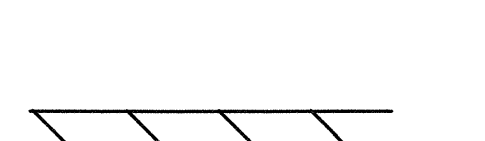
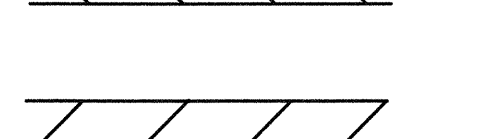






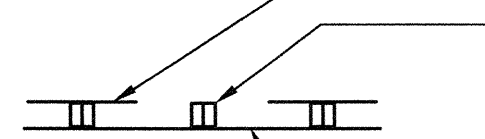


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-092-1(24)	2000	15	57

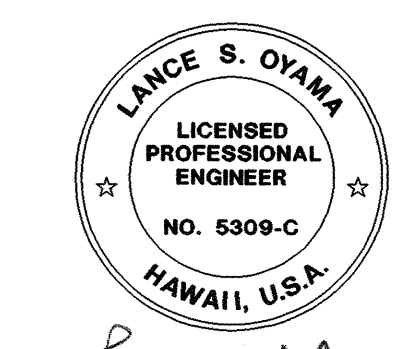
LEGEND

-  4 each Type A Raised Pavement Markers
Type C Raised Pavement Markers (RPM) at 40'-0" o.c.
-  4 each Type J Raised Pavement Markers (RPM)
Type D Raised Pavement Markers @ 40'-0" o.c.
-  8" White Stripe with Type C
Raised Pavement Markers (RPM) at 20'-0" o.c.
(Tape, Type I or Thermoplastic Extrusion)
-  4" Double Solid Yellow with Type D
Raised Pavement Markers (RPM) at 20'-0" o.c.
(Tape, Type I or Thermoplastic Extrusion)
-  4" Double Solid Yellow Stripe with Type H
Raised Pavement Markers (RPM) at 20'-0" o.c.
(Tape, Type II or Thermoplastic Extrusion)
-  4" Yellow Edge Stripe with Type H Raised Pavement
Markers (RPM) at 40'-0" o.c., unless otherwise
noted (Tape, Type II or Thermoplastic Extrusion)
-  4" or 8" White Edge Stripe with Type C
Raised Pavement Markers at 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. 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 A Raised Pavement Markers
Type C Raised Pavement Markers at 20'-0" o.c.
-  4" Single Solid White Stripe
(Tape, Type I or Thermoplastic Extrusion)
-  Lane Drop Marking, 8" Wide x 3'-0" Long White
Stripe at 15'-0" o.c. with Type C Markers at
at 30'-0" o.c. (Tape, Type I or Thermoplastic
Extrusion)
-  DB Marker

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. The removal of existing pavement markings shall not be paid for separately but shall be considered 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. Removal of Existing Delineators and Posts as directed by the Engineer shall be considered incidental to the various signing items.
10. Existing signs that are to be replaced shall not be removed until new signs are installed as replacements, or the messages are no longer necessary. Removal of existing signs and posts to be replaced shall be considered incidental to the various sign items.
11. Backing for all new regulatory and warning signs shall not be spliced.
12. 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 Street and Highways" (MUTCD)
 - b. "Standard Highway Signs"
 - c. "Standard Alphabets for Highways Signs"
13. All new and relocated signs and markers installed on pipe post or light standard are to be mounted with band brackets and steel braces.
14. The Contractor shall erect at the beginning of the project and at the end of the project advance construction warning signs as indicated on the plans or as directed by the Engineer for the duration of the highway project and shall be maintained by the Contractor. These signs shall be replaced in addition to the required traffic control signs called for in Section 645-Traffic Control. The advance construction warning signs shall be new and become the property of the State. The Contractor shall remove, clean and deliver the signs and posts to the Oahu District Baseyard or as directed by the Engineer at the end of the project.
15. The Contractor shall notify the Oahu Transit Services Inc. (OTS), Ed Sniffen, at 848-4571 or Lowell Tom at 848-4578 two weeks prior to beginning any work, informing them of location, scope of work proposed closure of any street or traffic lanes, and the need to relocate any bus stop.

16. The Contractor shall install new Type II Object Markers on all utility poles that are within the State Highway Right-of-way as directed by the Engineer. This shall be considered incidental to the various sign items.
17. All traffic control devices including: signs, barricades, vertical panels, warning lights, arrow boards, changeable message signs, cones and tubular markers that meet the requirements of American Traffic Safety Services Association (ATSSA), "Quality Standard for Work Zone Traffic Control Devices, 1992" shall be used on this project. Compliance with this requirement will be considered incidental to the contract and no extra compensation will be allowed.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

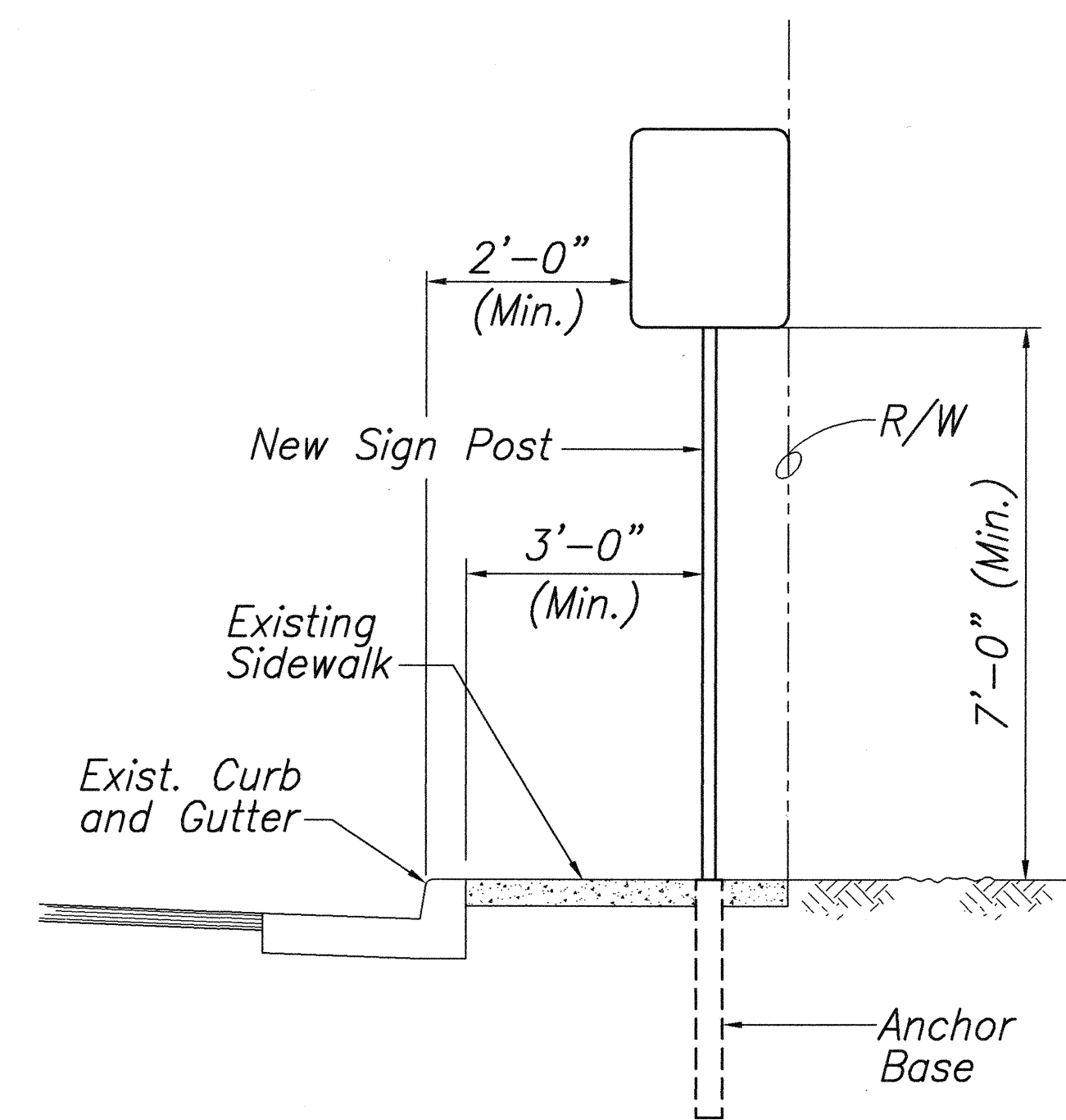
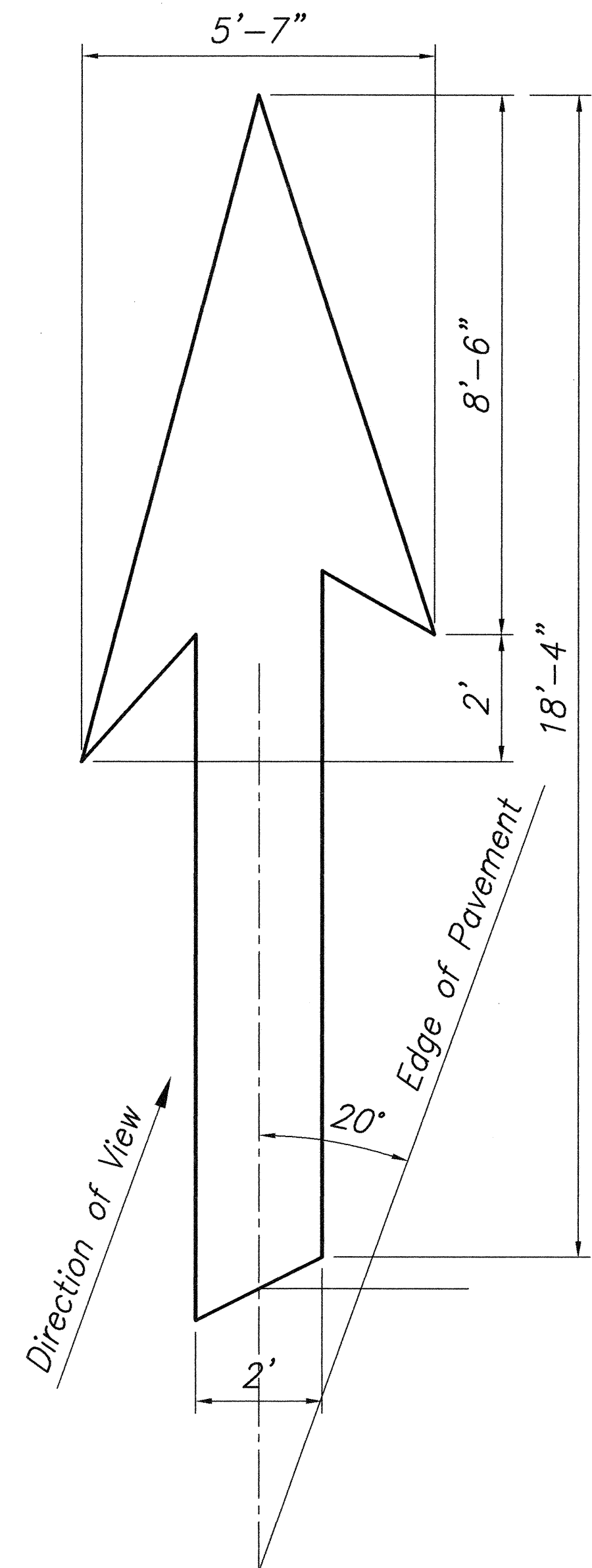
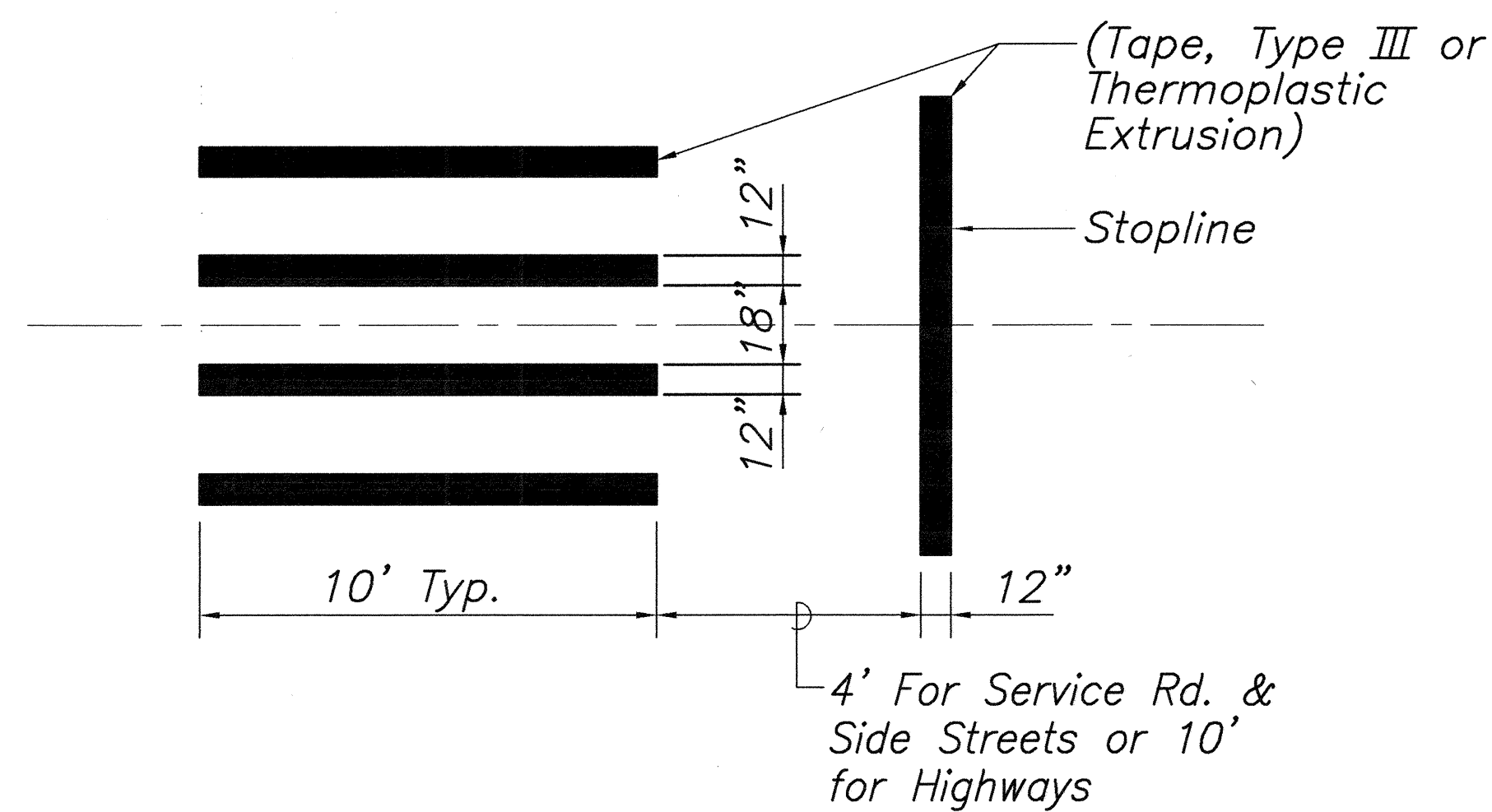
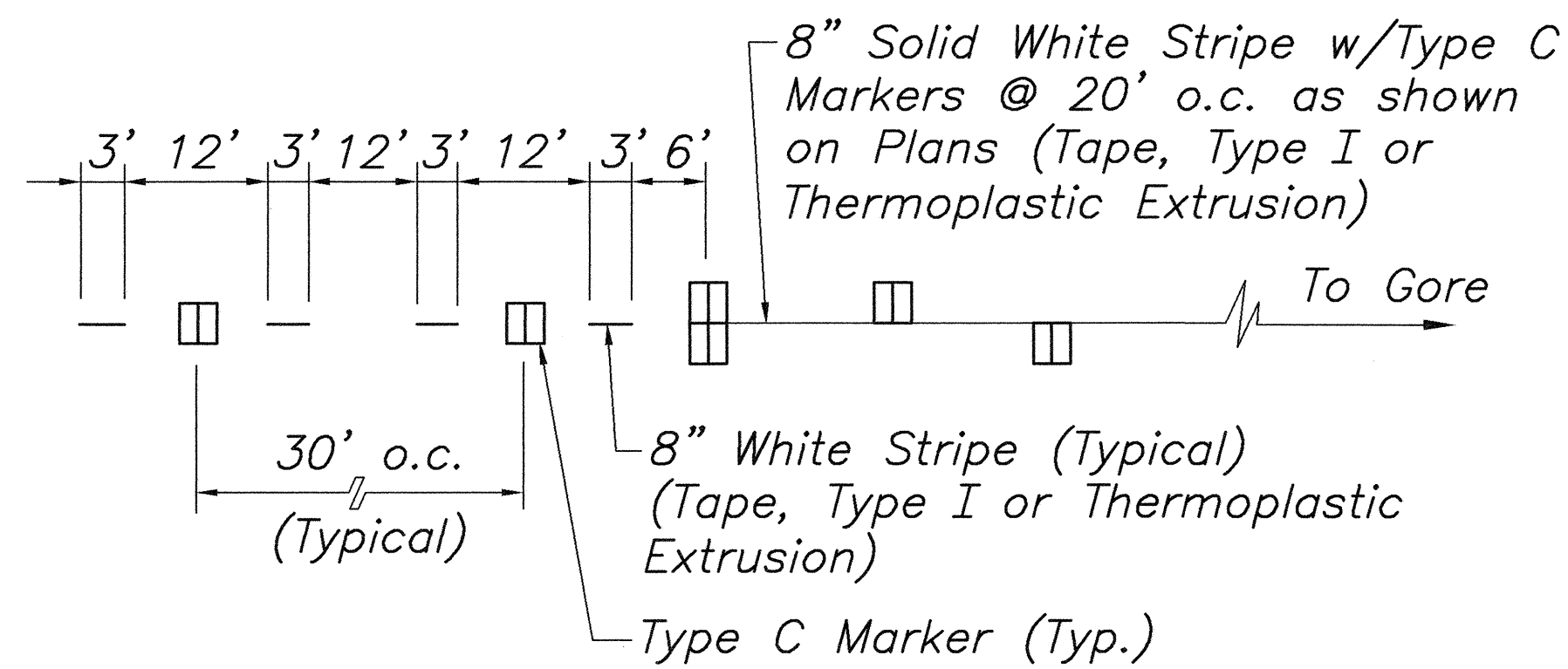
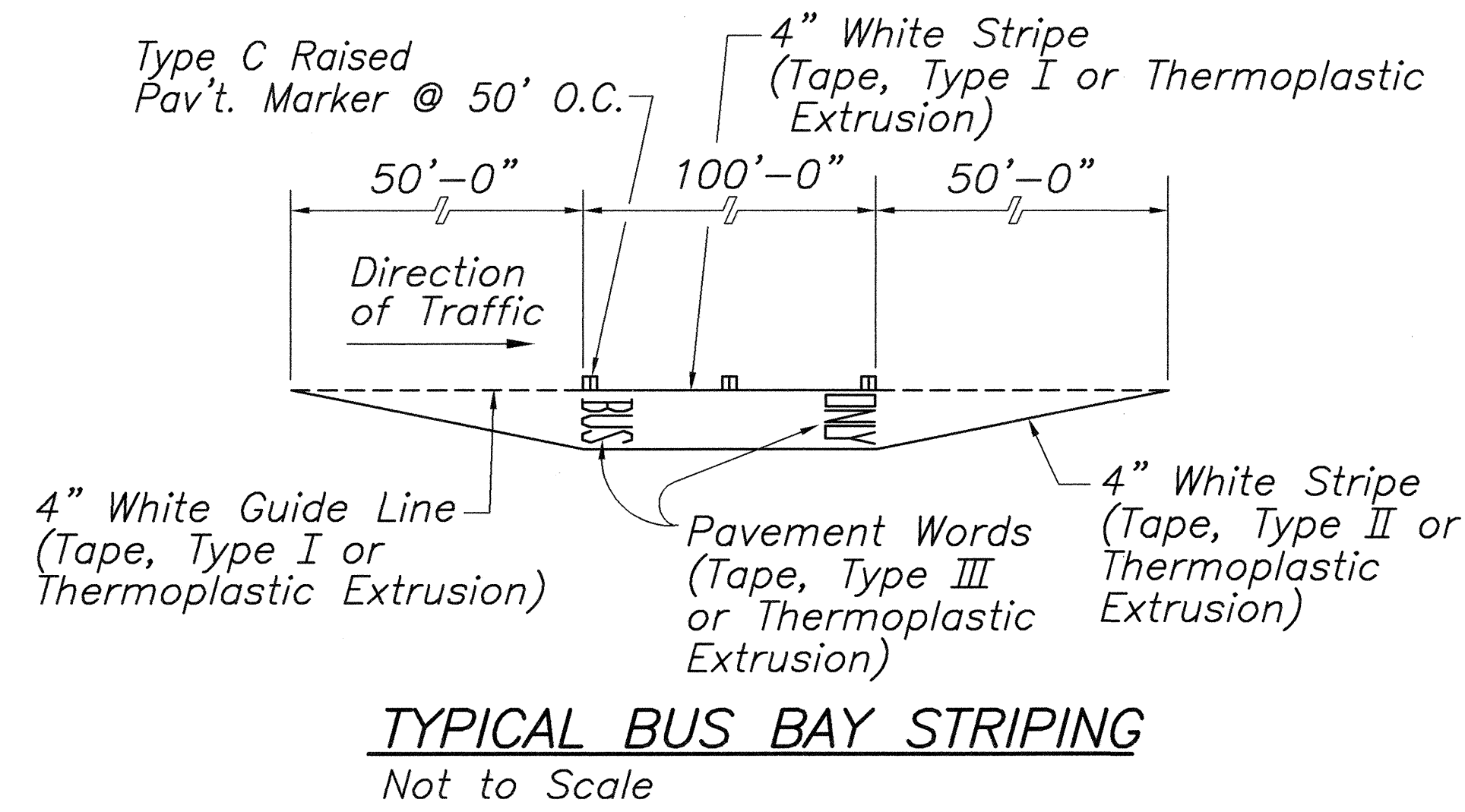
**PAVEMENT MARKING LEGEND
DETAILS AND NOTES**

NIMITZ HIGHWAY RESURFACING
RODGERS BOULEVARD TO AHUA STREET
FED. AID PROJECT NO. STP-092-1(24)

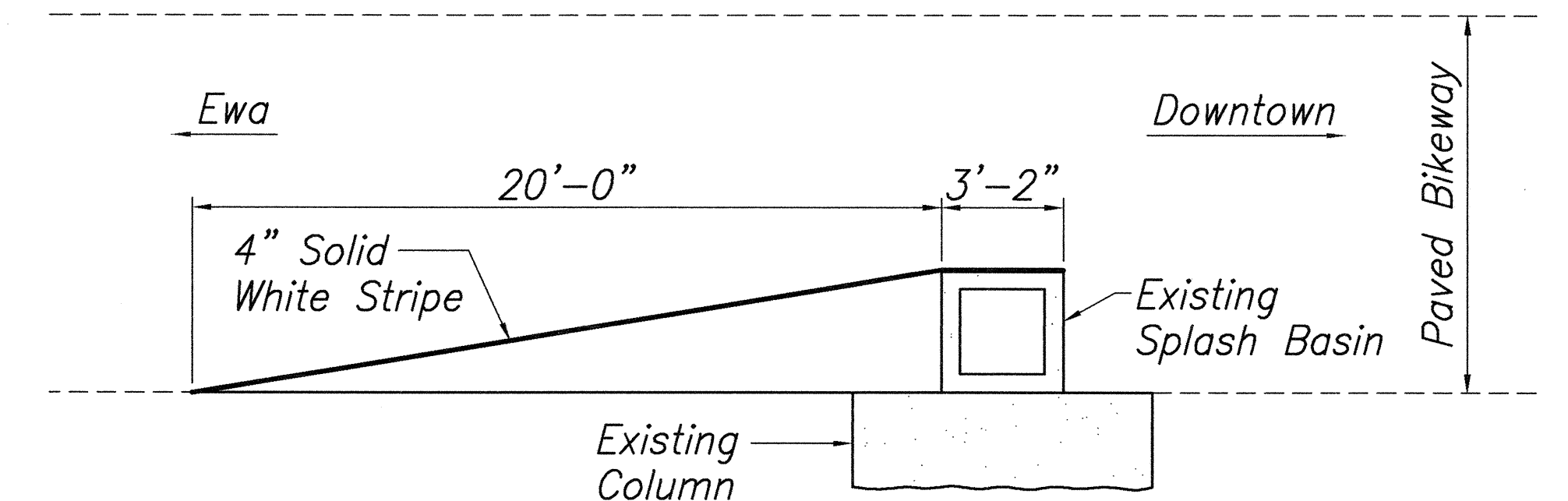
Scale: As Noted Date: Aug. 2, 1999

SHEET No. C-14 OF 57 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-092-1(24)	2000	16	57

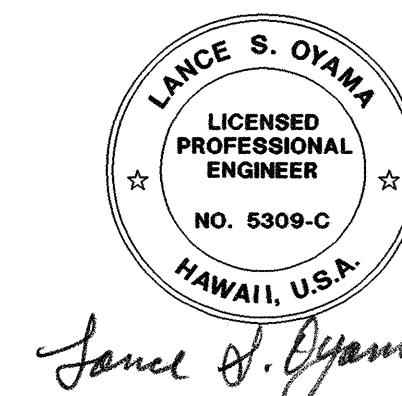
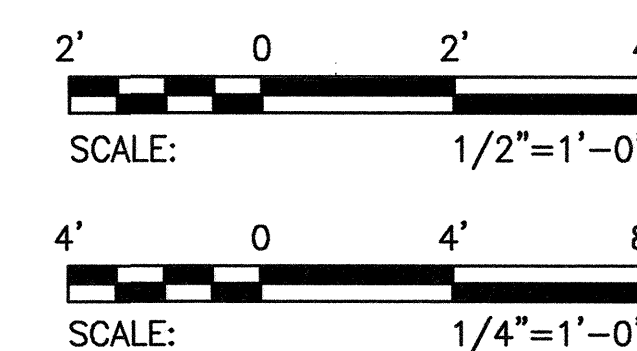


SIGN POST INSTALLATION AT EXISTING SIDEWALK
Scale: 1/2"=1'-0"



TYPICAL STRIPING FOR SPLASH BASIN W/IN BIKEWAY
Scale: 1/4"=1'-0"

GRAPHIC SCALES:



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING DETAILS

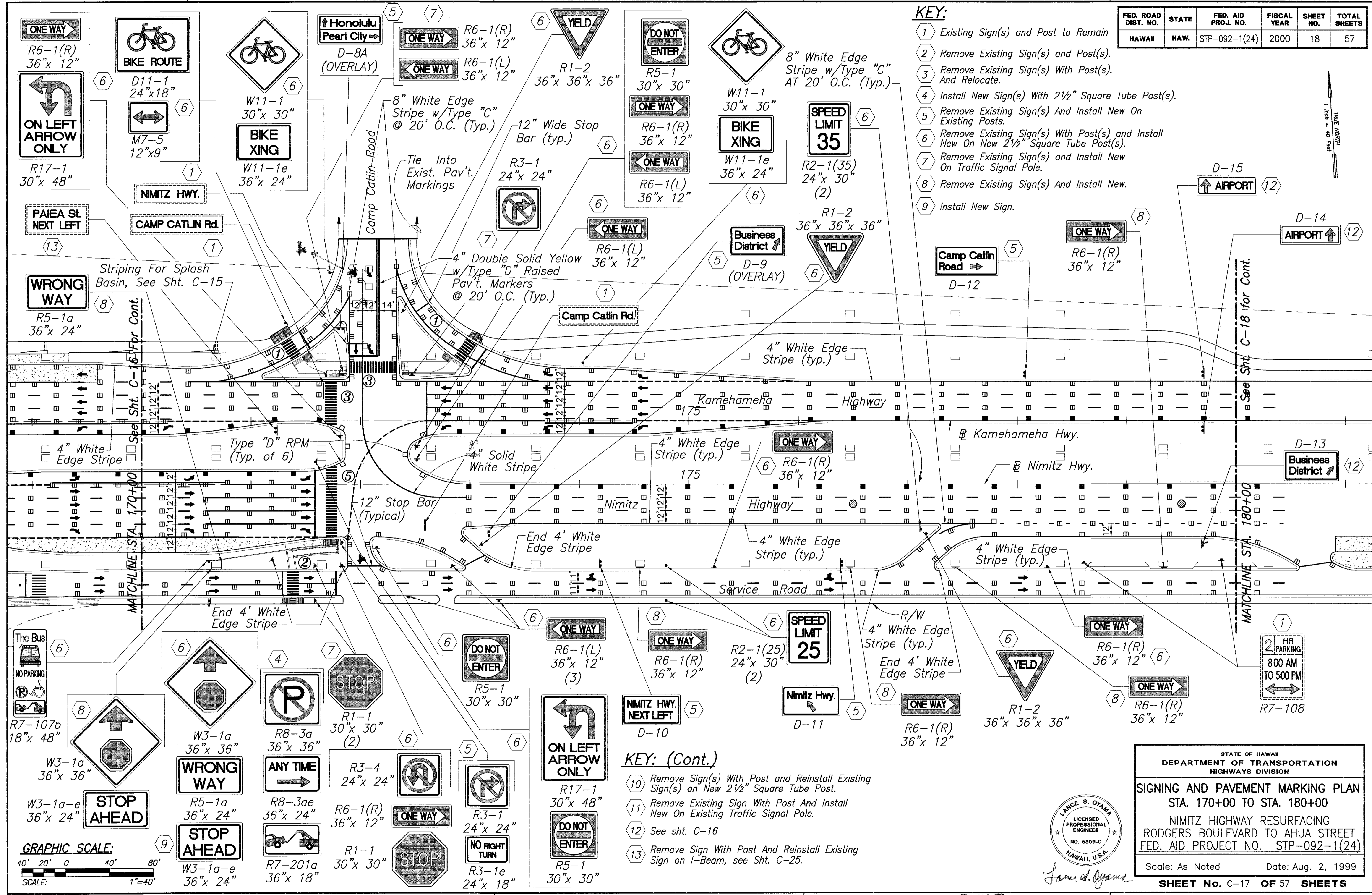
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RODGERS BOULEVARD TO AHUA STREET
FED. AID PROJECT NO. STP-092-1(24)

Scale: As Noted Date: Aug. 2, 1999

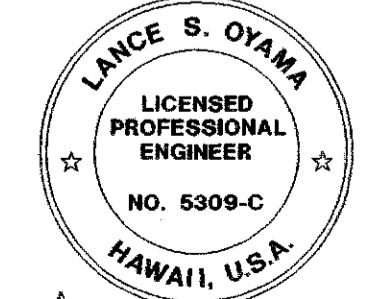
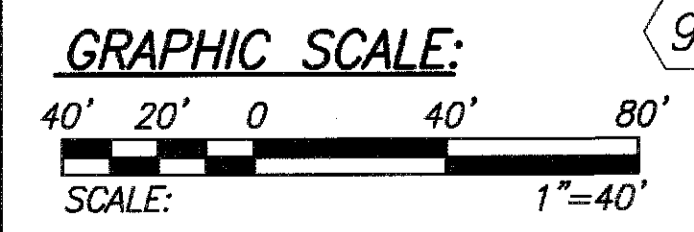
SHEET No. C-15 OF 57 SHEETS

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HAWAII	HAW.	STP-092-1(24)	2000	18	57

- KEY:**
- Existing Sign(s) and Post to Remain
 - Remove Existing Sign(s) and Post(s).
 - Remove Existing Sign(s) With Post(s). And Relocate.
 - Install New Sign(s) With 2 1/2" Square Tube Post(s).
 - Remove Existing Sign(s) And Install New On Existing Posts.
 - Remove Existing Sign(s) With Post(s) and Install New On New 2 1/2" Square Tube Post(s).
 - Remove Existing Sign(s) and Install New On Traffic Signal Pole.
 - Remove Existing Sign(s) And Install New.
 - Install New Sign.



- KEY: (Cont.)**
- Remove Sign(s) With Post and Reinstall Existing Sign(s) on New 2 1/2" Square Tube Post.
 - Remove Existing Sign With Post And Install New On Existing Traffic Signal Pole.
 - See sht. C-16
 - Remove Sign With Post And Reinstall Existing Sign on I-Beam, see Sht. C-25.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

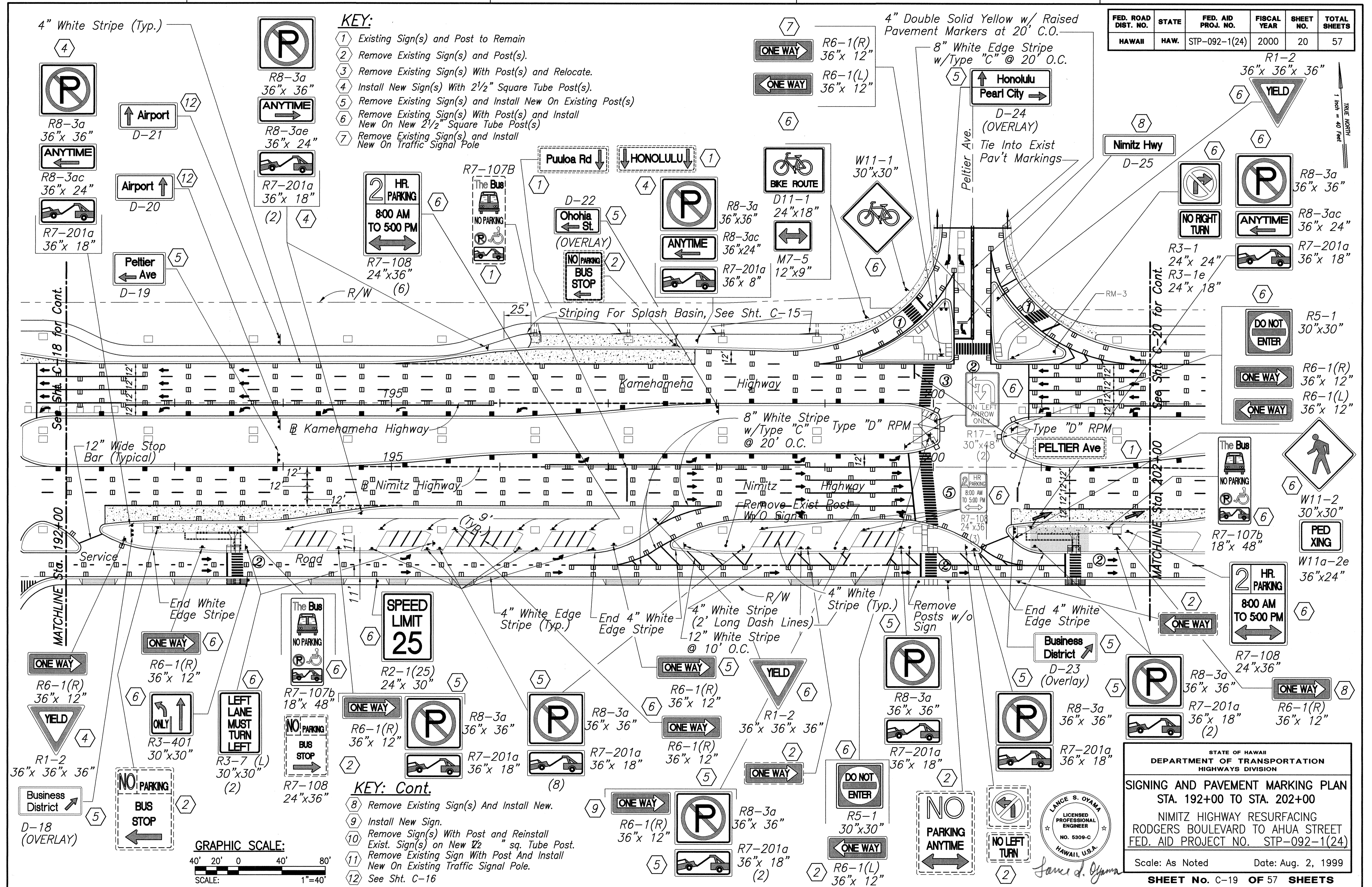
SIGNING AND PAVEMENT MARKING PLAN
STA. 170+00 TO STA. 180+00
NIMITZ HIGHWAY RESURFACING
RODGERS BOULEVARD TO AHUA STREET
FED. AID PROJECT NO. STP-092-1(24)

Scale: As Noted Date: Aug. 2, 1999

SHEET No. C-17 OF 57 SHEETS

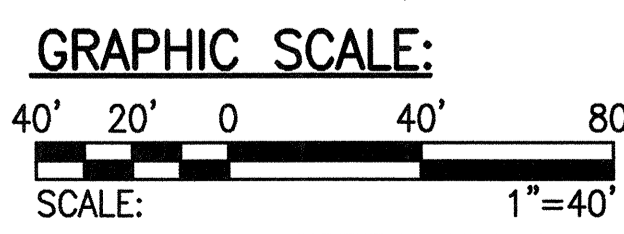
AS-BUILT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-092-1(24)	2000	20	57



- KEY:**
- Existing Sign(s) and Post to Remain
 - Remove Existing Sign(s) and Post(s).
 - Remove Existing Sign(s) With Post(s) and Relocate.
 - Install New Sign(s) With 2 1/2" Square Tube Post(s).
 - Remove Existing Sign(s) and Install New On Existing Post(s)
 - Remove Existing Sign(s) With Post(s) and Install New On New 2 1/2" Square Tube Post(s)
 - Remove Existing Sign(s) and Install New On Traffic Signal Pole

- KEY: Cont.**
- Remove Existing Sign(s) And Install New.
 - Install New Sign.
 - Remove Sign(s) With Post and Reinstall Exist. Sign(s) on New 2" sq. Tube Post.
 - Remove Existing Sign With Post And Install New On Existing Traffic Signal Pole.
 - See Sht. C-16

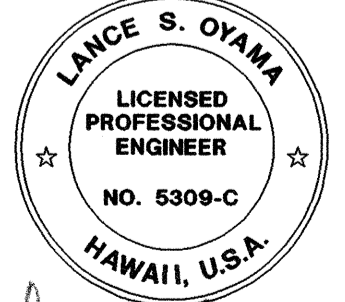


STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

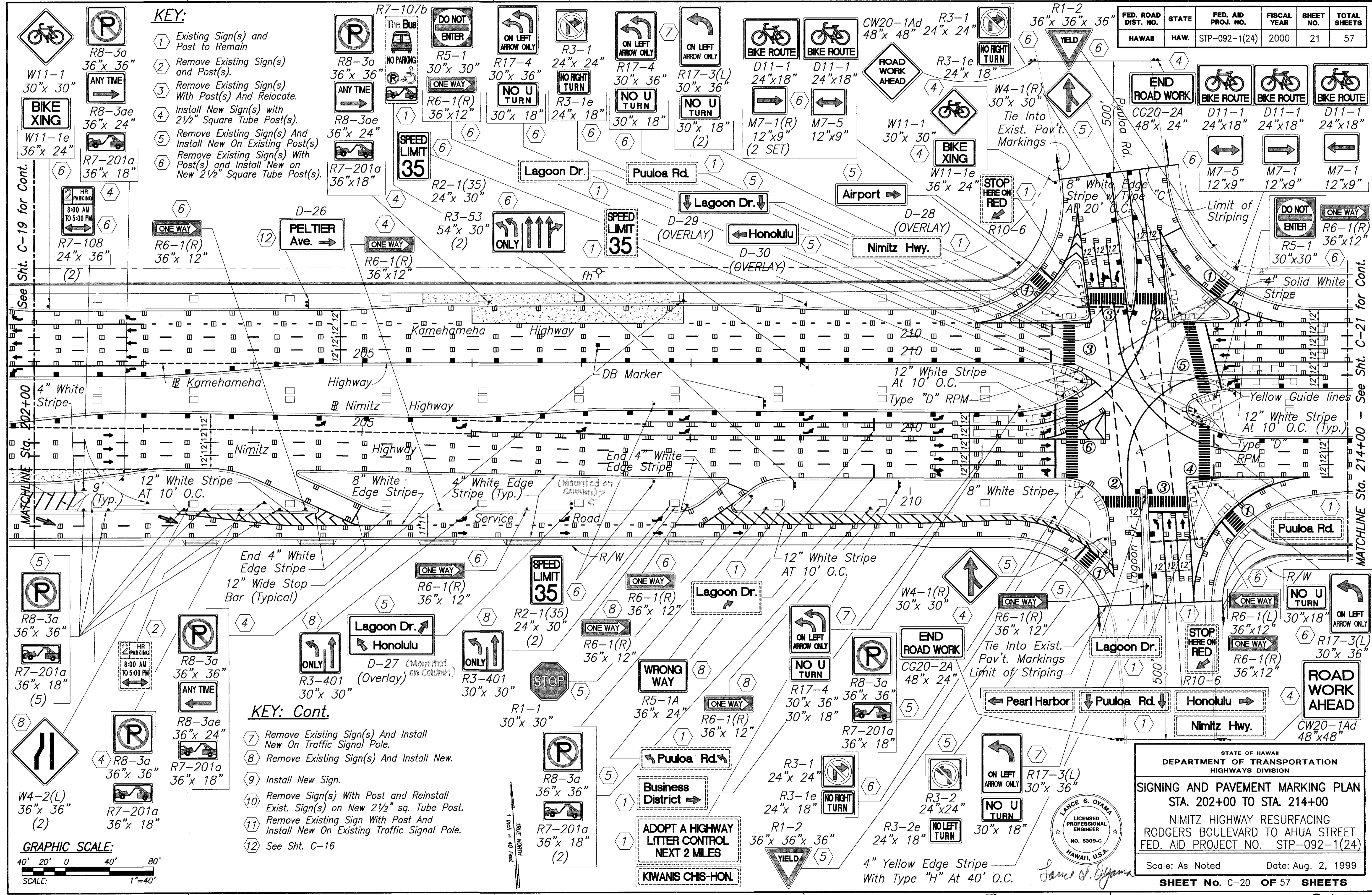
SIGNING AND PAVEMENT MARKING PLAN
STA. 192+00 TO STA. 202+00
NIMITZ HIGHWAY RESURFACING
RODGERS BOULEVARD TO AHUA STREET
FED. AID PROJECT NO. STP-092-1(24)

Scale: As Noted Date: Aug. 2, 1999

SHEET No. C-19 OF 57 SHEETS

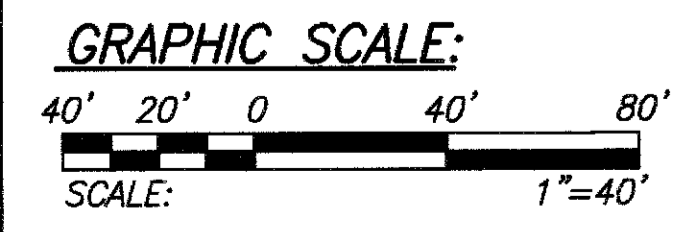


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-092-1(24)	2000	21	57



- KEY:**
- Existing Sign(s) and Post to Remain
 - Remove Existing Sign(s) and Post(s).
 - Remove Existing Sign(s) With Post(s) And Relocate.
 - Install New Sign(s) with 2 1/2" Square Tube Post(s).
 - Remove Existing Sign(s) And Install New On Existing Post(s) Remove Existing Sign(s) With Post(s) and Install New on New 2 1/2" Square Tube Post(s).
 - See Sht. C-19 for Cont.

- KEY: Cont.**
- Remove Existing Sign(s) And Install New On Traffic Signal Pole.
 - Remove Existing Sign(s) And Install New.
 - Install New Sign.
 - Remove Sign(s) With Post and Reinstall Exist. Sign(s) on New 2 1/2" sq. Tube Post.
 - Remove Existing Sign With Post And Install New On Existing Traffic Signal Pole.
 - See Sht. C-16



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING AND PAVEMENT MARKING PLAN
STA. 202+00 TO STA. 214+00
NIMITZ HIGHWAY RESURFACING
RODGERS BOULEVARD TO AHUA STREET
FED. AID PROJECT NO. STP-092-1(24)

Scale: As Noted Date: Aug. 2, 1999

SHEET No. C-20 OF 57 SHEETS

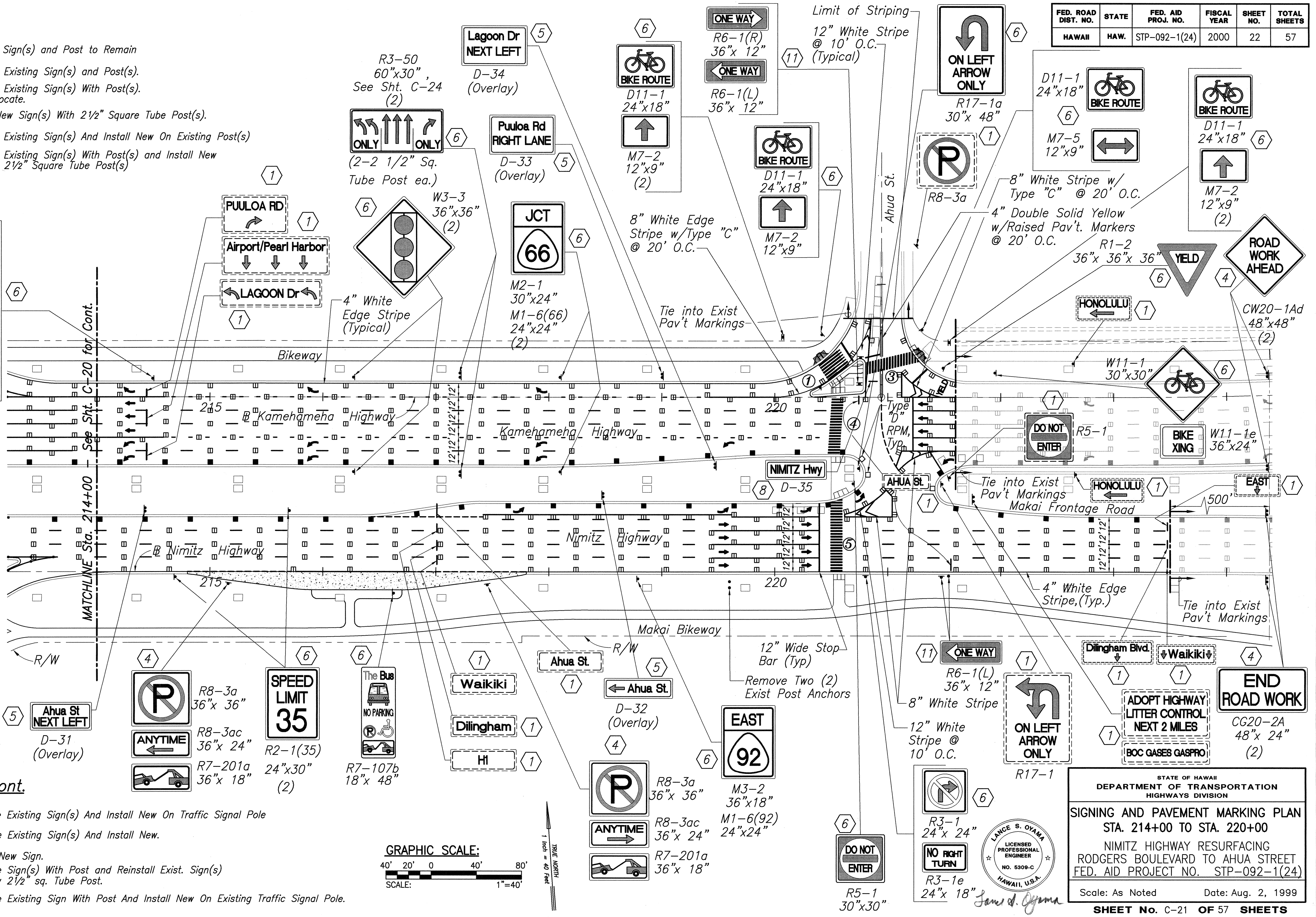
LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

AS-BUILT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-092-1(24)	2000	22	57

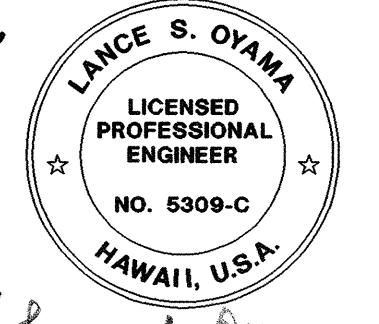
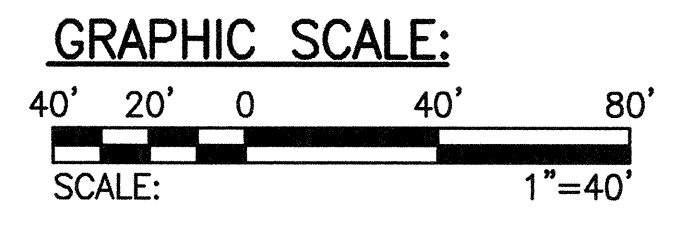
KEY:

- ① Existing Sign(s) and Post to Remain
- ② Remove Existing Sign(s) and Post(s).
- ③ Remove Existing Sign(s) With Post(s) And Relocate.
- ④ Install New Sign(s) With 2 1/2" Square Tube Post(s).
- ⑤ Remove Existing Sign(s) And Install New On Existing Post(s)
- ⑥ Remove Existing Sign(s) With Post(s) and Install New On New 2 1/2" Square Tube Post(s)



KEY: Cont.

- ⑦ Remove Existing Sign(s) And Install New On Traffic Signal Pole
- ⑧ Remove Existing Sign(s) And Install New.
- ⑨ Install New Sign.
- ⑩ Remove Sign(s) With Post and Reinstall Exist. Sign(s) on New 2 1/2" sq. Tube Post.
- ⑪ Remove Existing Sign With Post And Install New On Existing Traffic Signal Pole.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING AND PAVEMENT MARKING PLAN
STA. 214+00 TO STA. 220+00
NIMITZ HIGHWAY RESURFACING
RODGERS BOULEVARD TO AHUA STREET
FED. AID PROJECT NO. STP-092-1(24)

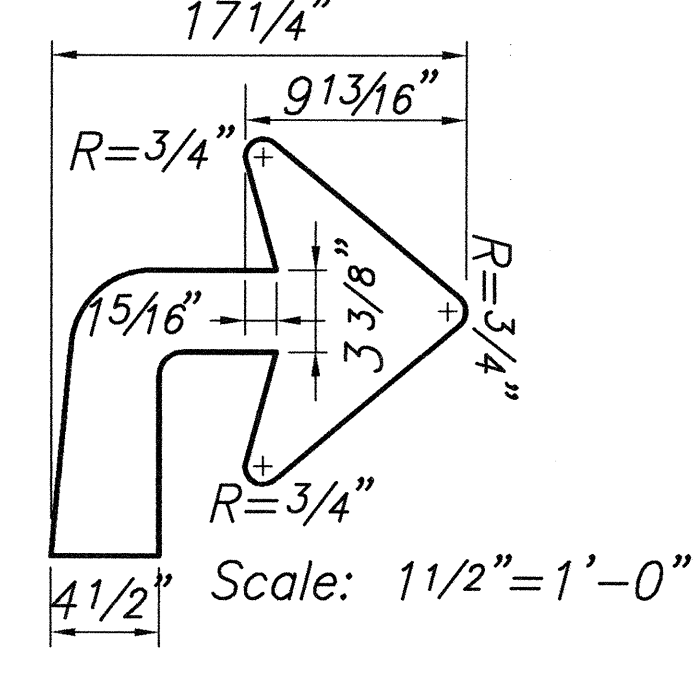
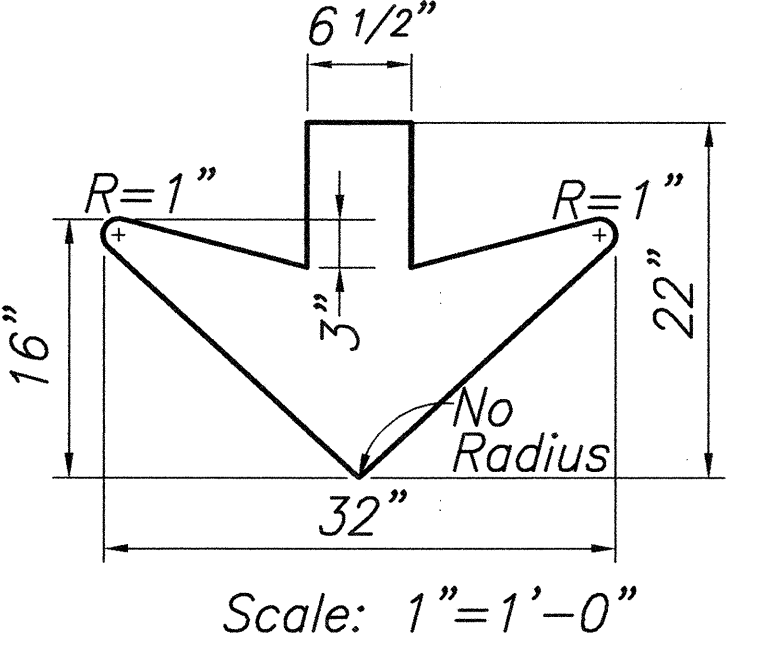
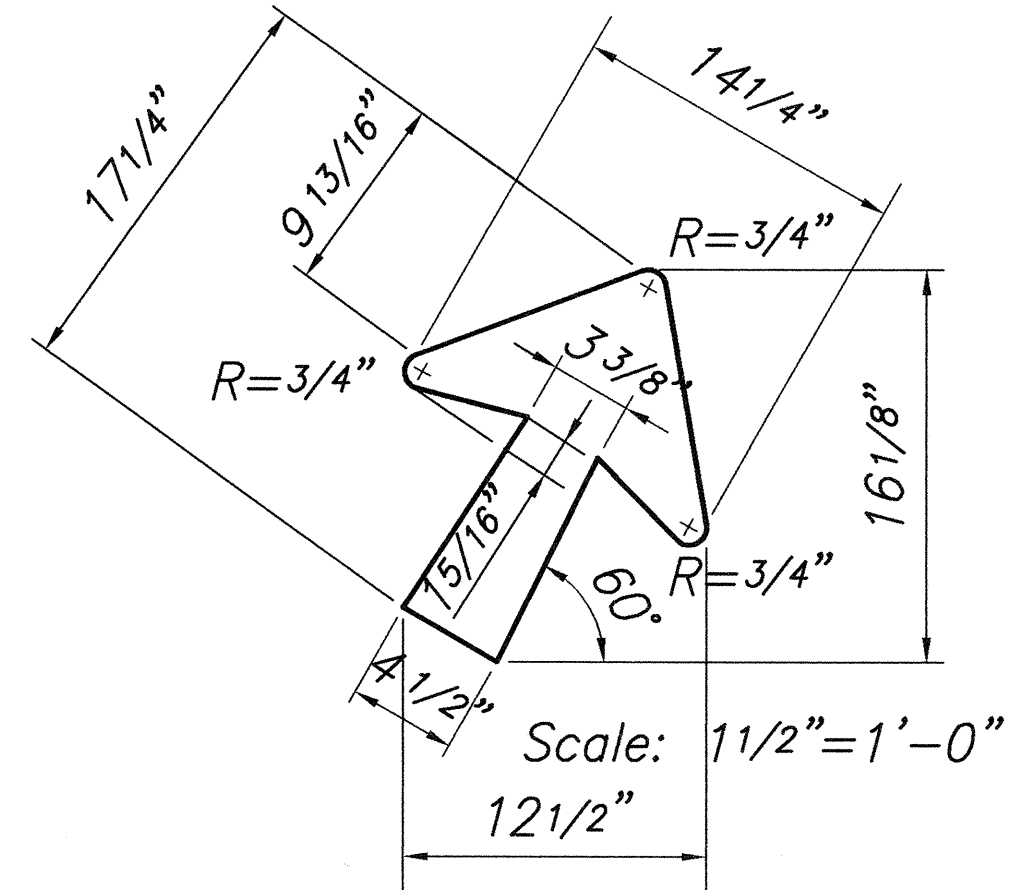
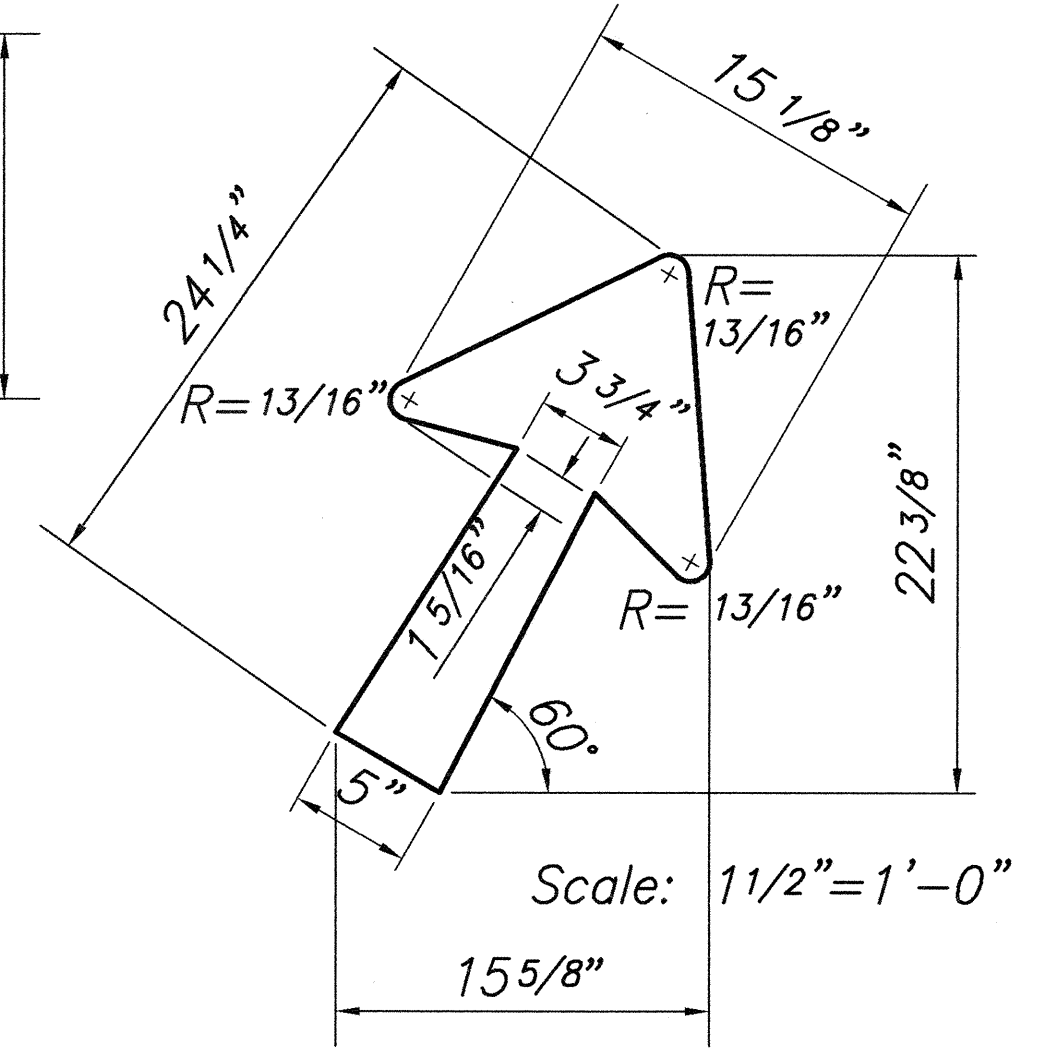
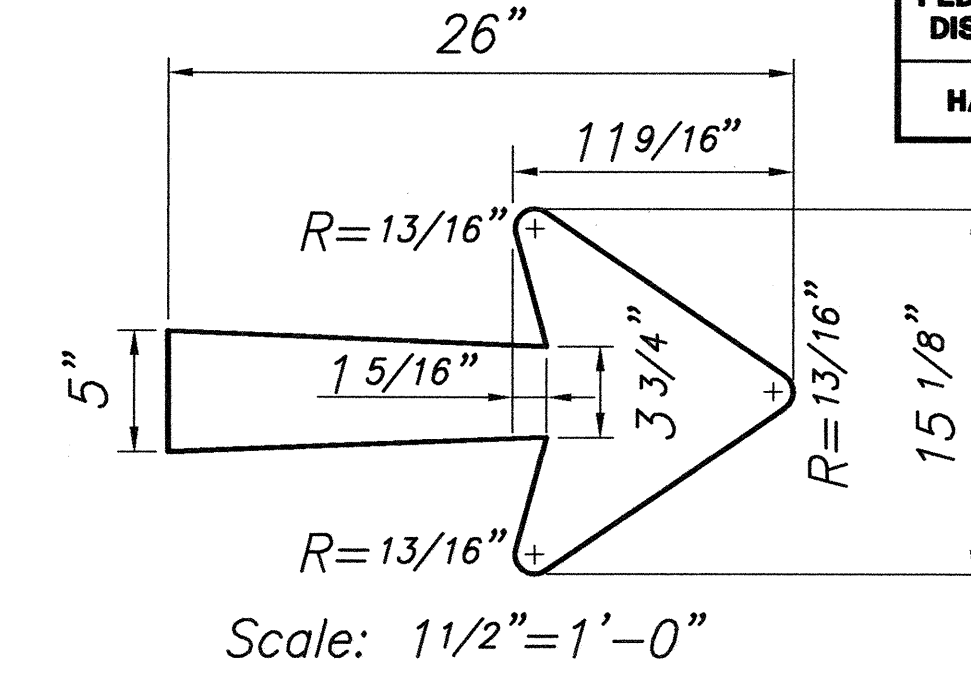
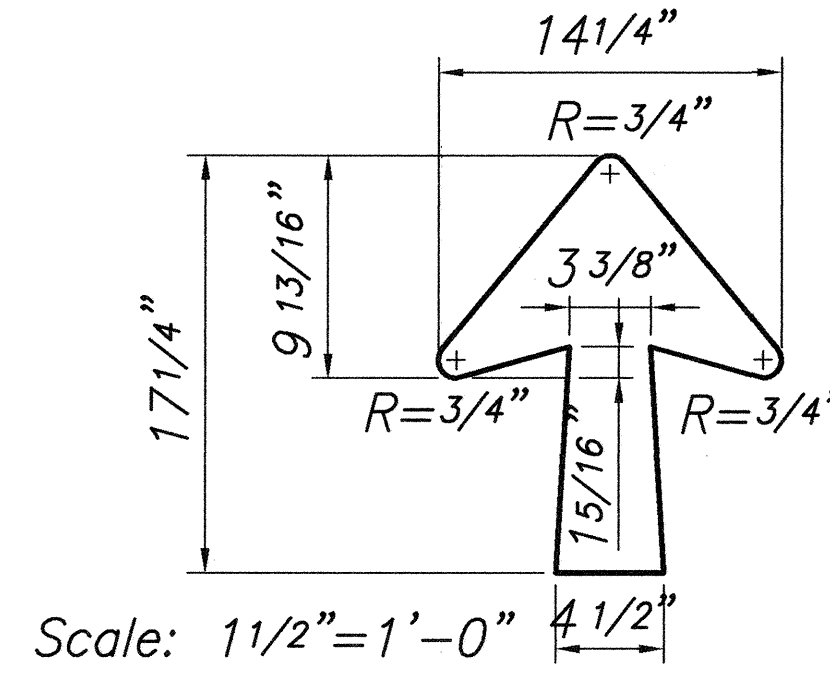
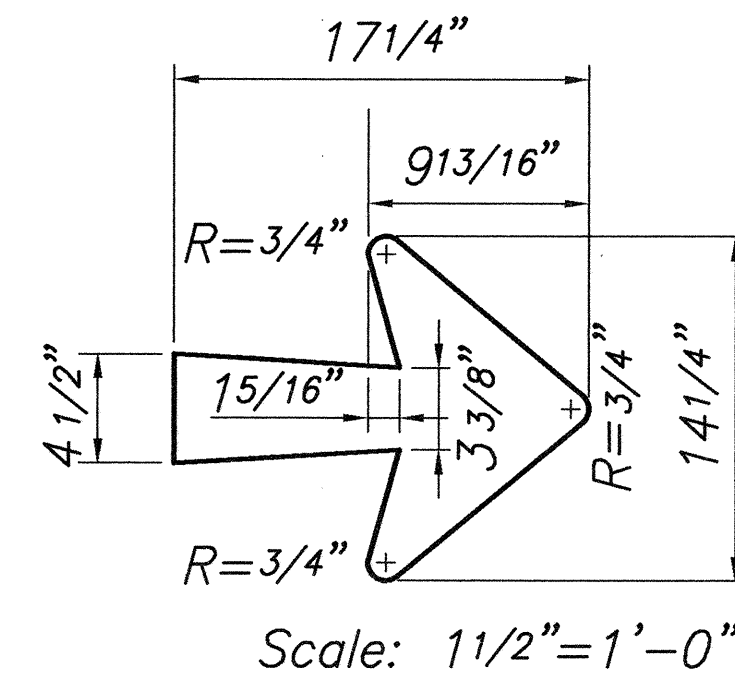
Scale: As Noted Date: Aug. 2, 1999

SHEET No. C-21 OF 57 SHEETS

GENERAL NOTES

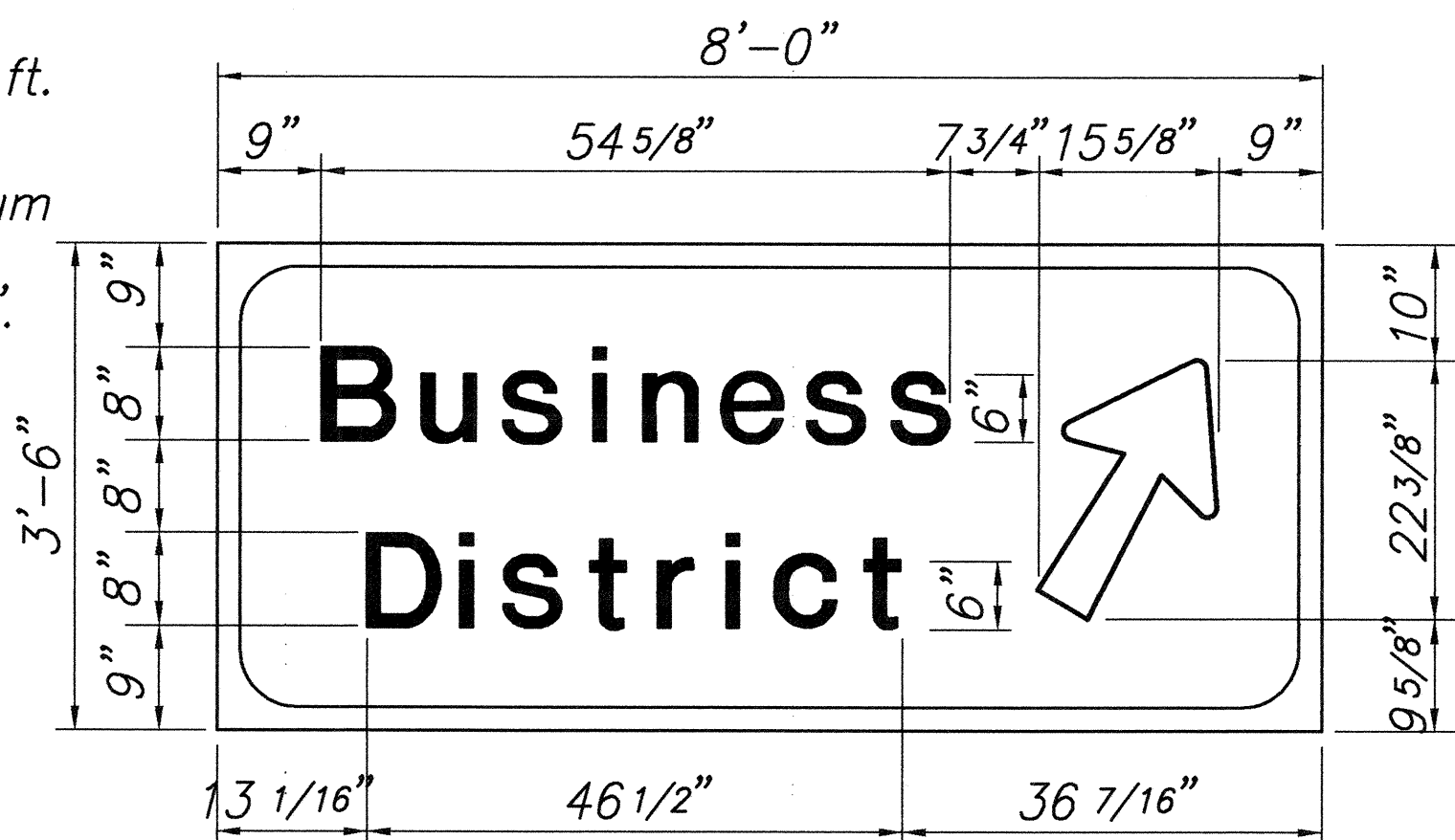
- The Contractor shall verify the locations and dimensions of existing Sign Panels, supports, and framing.
- Letter Size:
 - When letters are all uppercase, use series "E"
 - When initial uppercase letter is used in conjunction with lowercase letters, use series "E" (M) for uppercase letter.
- Interstate Route Marker Symbols shall conform to details shown on the plans and as specified in the MUTCD.
- All signs shall conform to Section 621 of the Special Provisions and the latest editions and amendments of the following FHWA publications:
 - "Manual on Traffic Control Devices for Streets and Highways" (MUTCD)
 - "Standard Highway Signs"
 - "Standard Alphabets for Highway Signs"
- Borders, messages, arrows, symbols, and shield shall conform to details as shown on the plans and as specified in the MUTCD.
- Sign messages shall be as indicated on the plan.
- 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.
- Contractors shall submit all sign splicing details to the Engineer for approval. All backing for signs 4 ft. by 6 ft. or less shall be of one sheet.
- Overlay panels shall be of 0.08-inch thick sheet aluminum and shall be of same reflectorization as sign panel. Payment will be made under "Panel for Destination Sign".

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-092-1(24)	2000	23	57

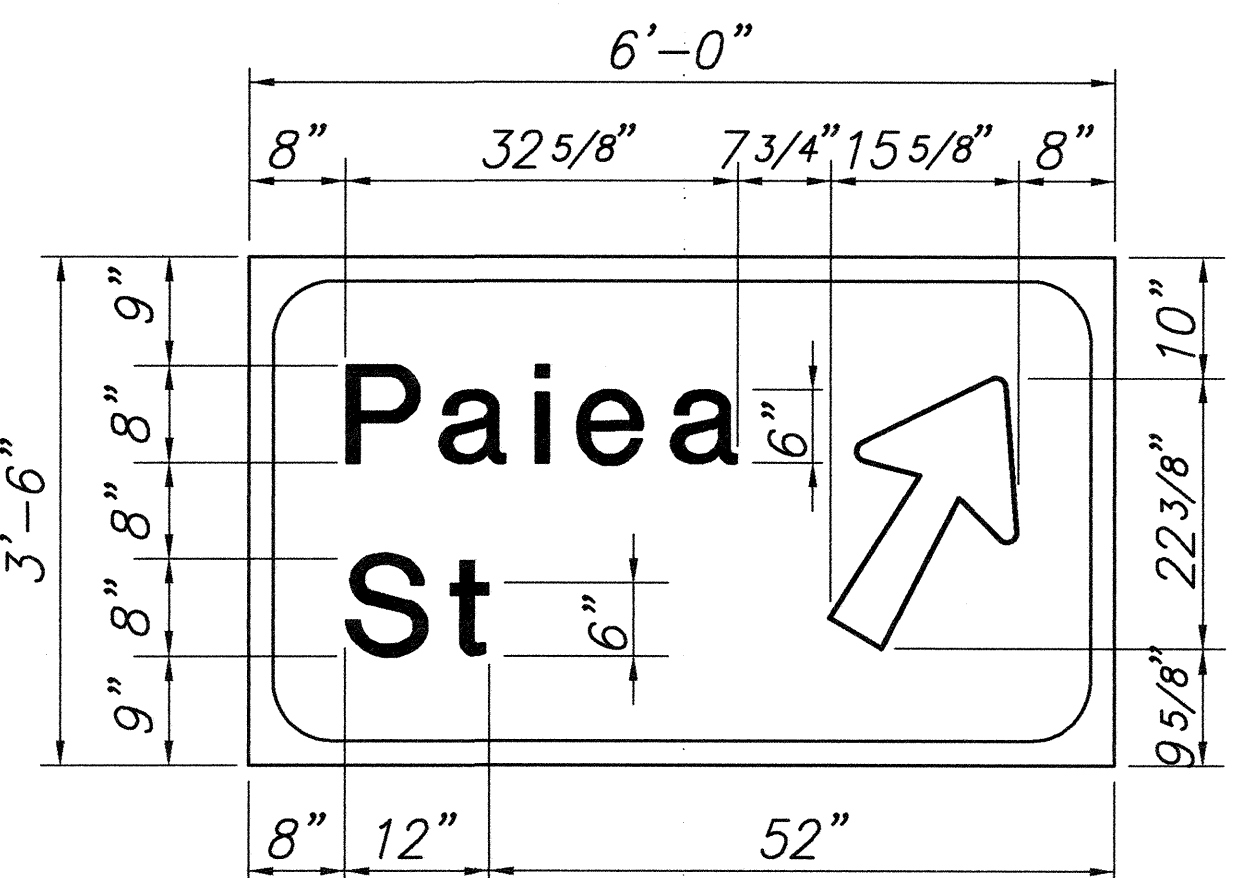


TYPICAL ARROW DETAILS

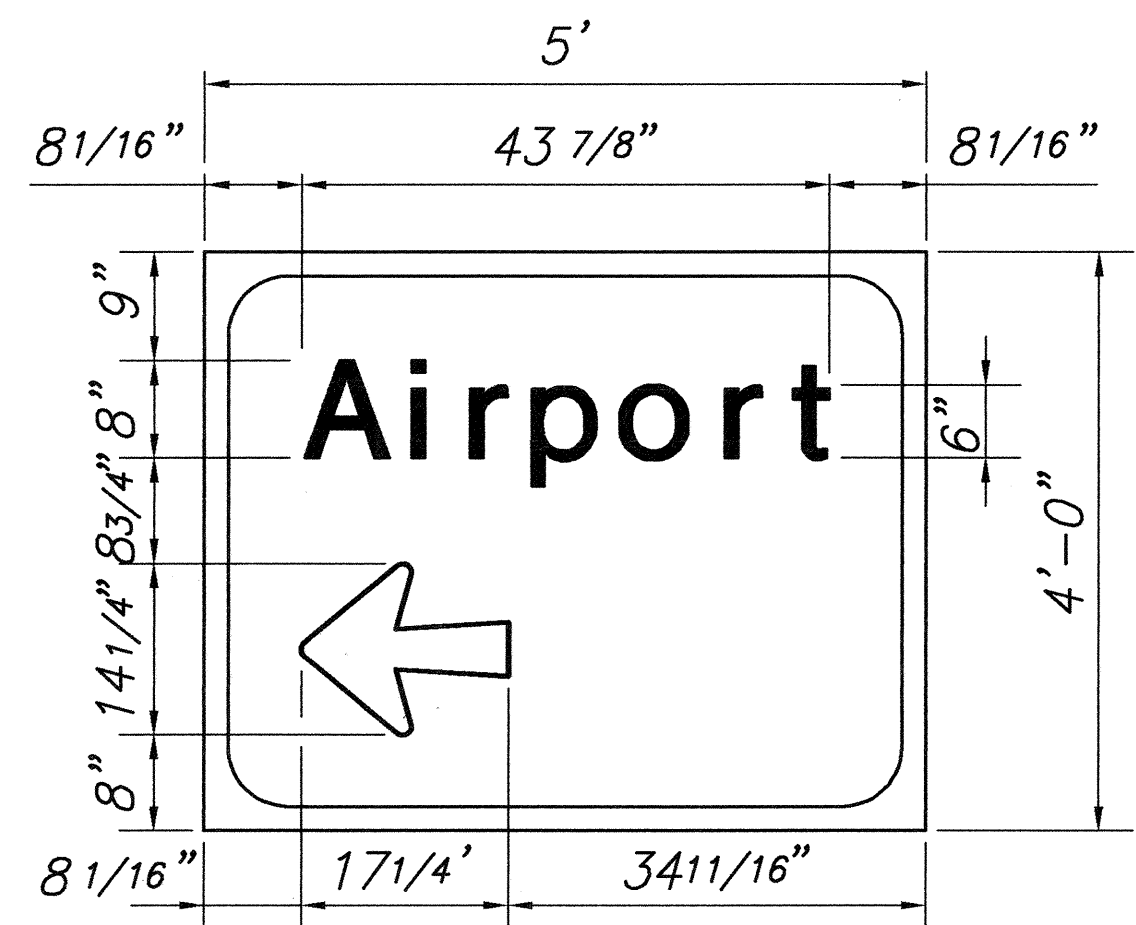
Scale: As Noted



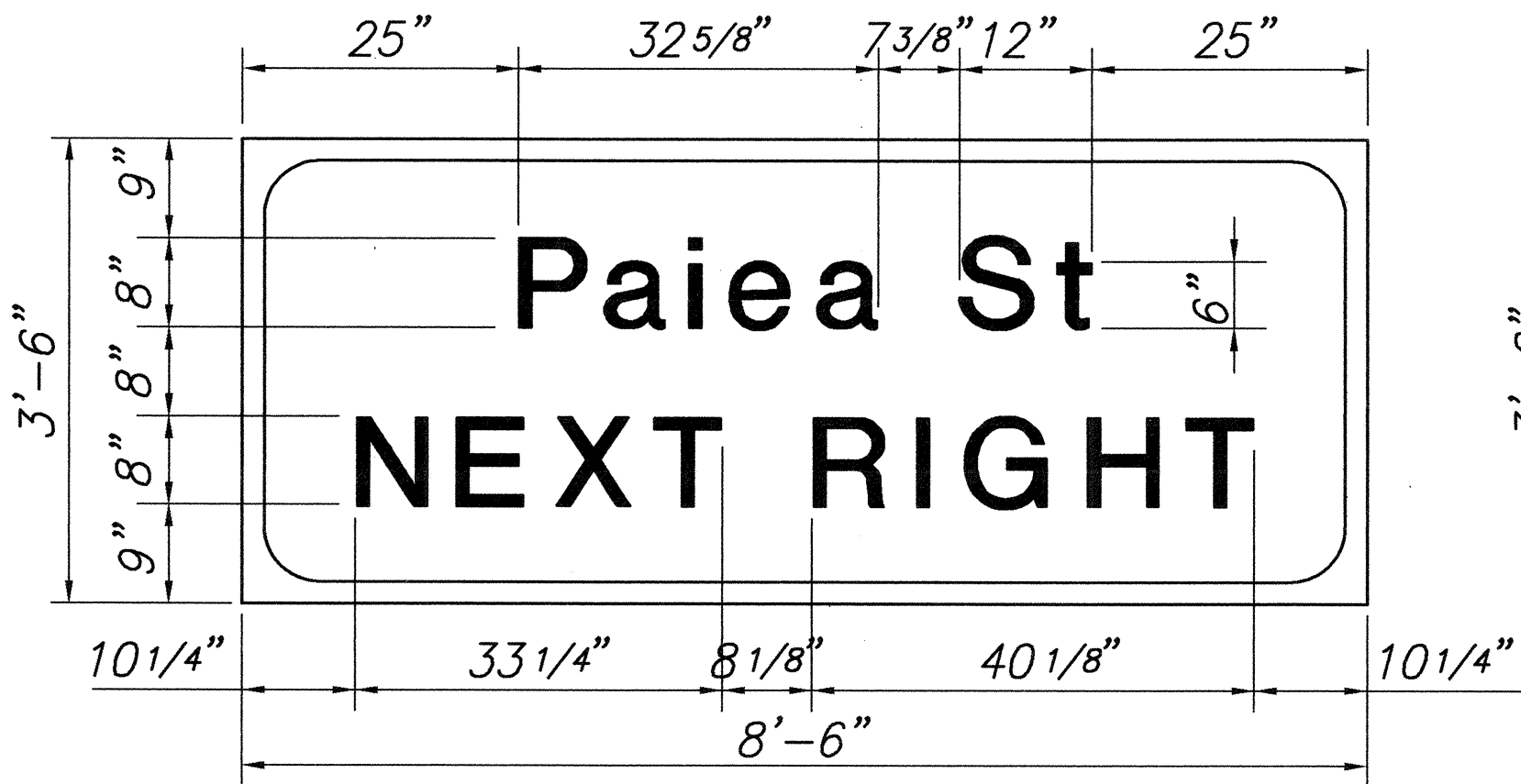
OVERLAY PANEL FOR D-2, D-7, D-9, D-18 & D-23, & SIGN D-13
Scale: 3/4"=1'-0"



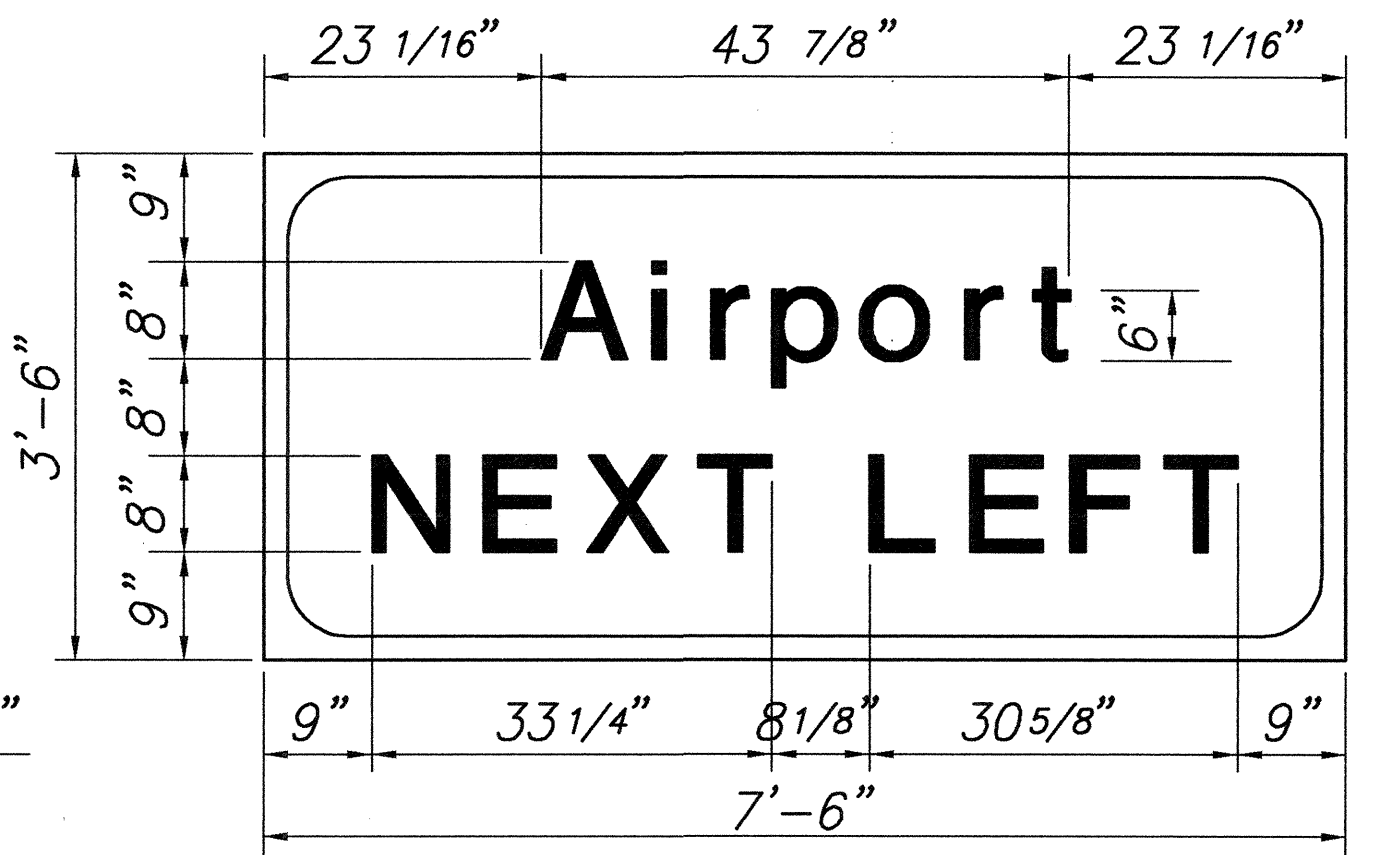
SIGN D-4
Scale: 3/4"=1'-0"



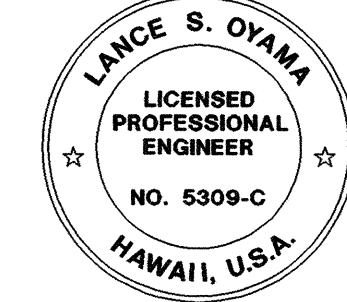
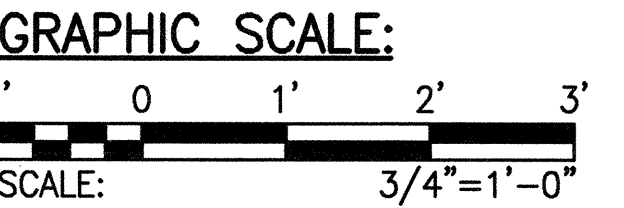
OVERLAY PANEL FOR D-1
Scale: 3/4"=1'-0"



OVERLAY PANEL FOR D-3
Scale: 3/4"=1'-0"



SIGN D-5
Scale: 3/4"=1'-0"



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

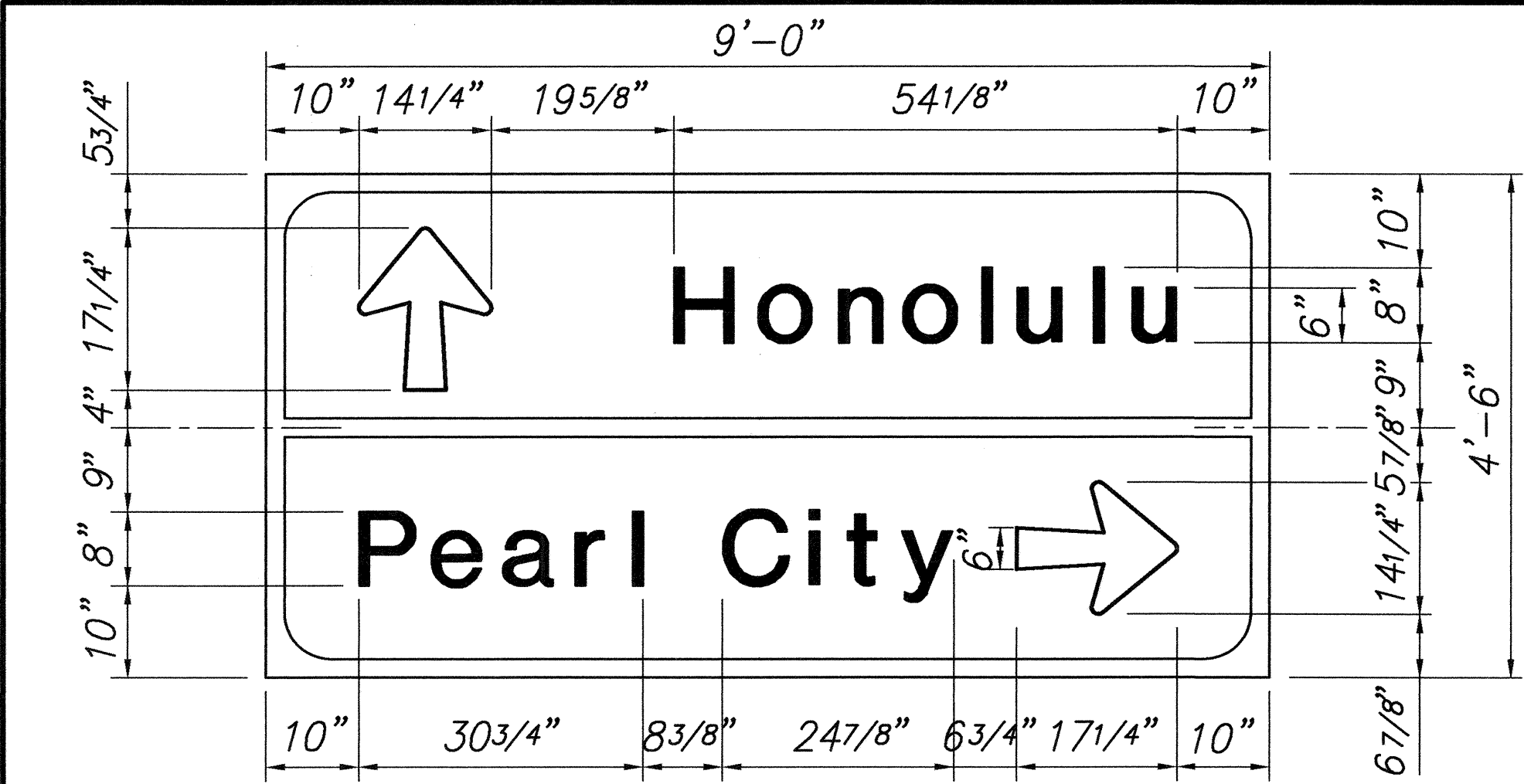
PANEL LAYOUTS AND
GENERAL NOTES

NIMITZ HIGHWAY RESURFACING
RODGERS BOULEVARD TO AHUA STREET
FED. AID PROJECT NO. STP-092-1(24)

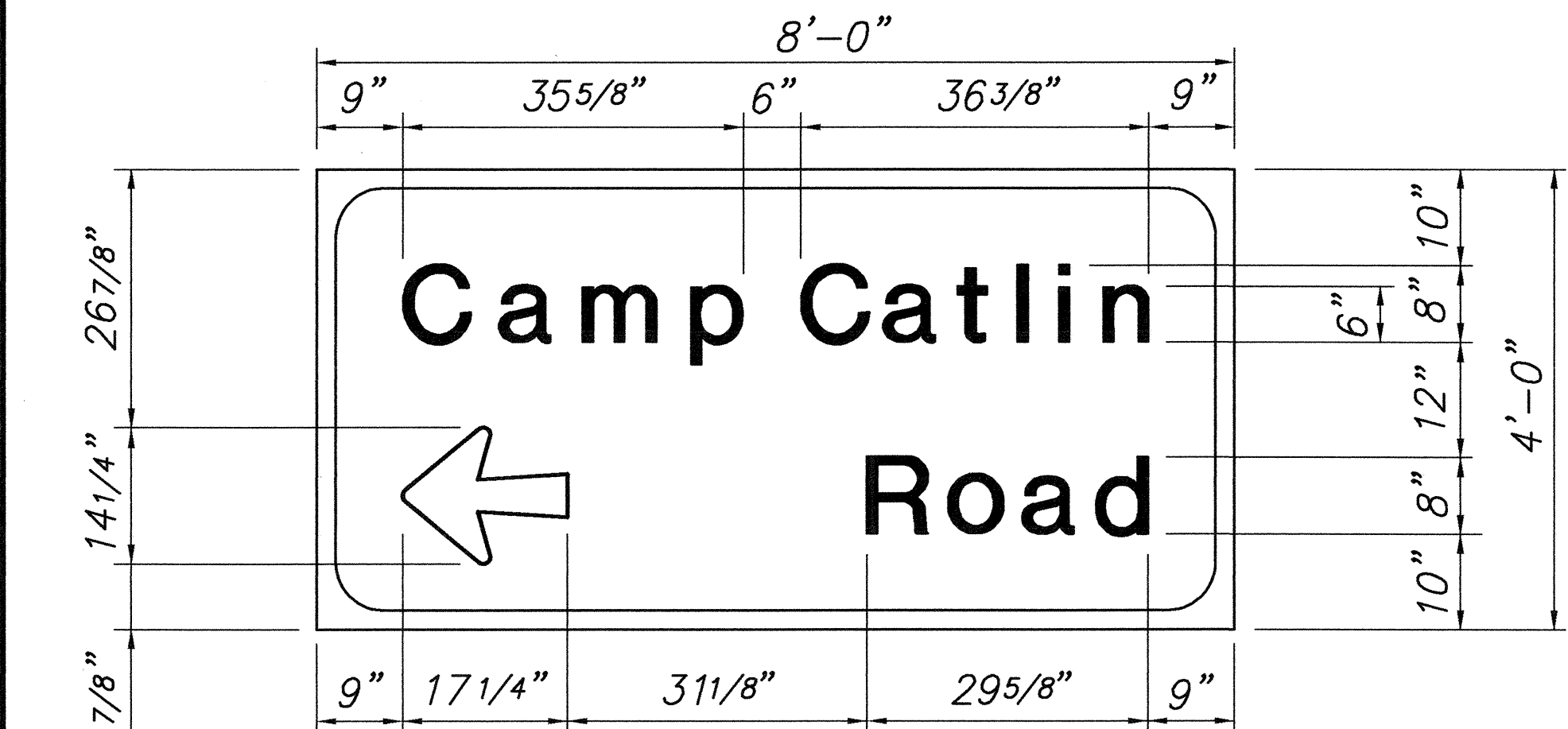
Scale: As Noted Date: Aug. 2, 1999

SHEET No. C-22 OF 57 SHEETS

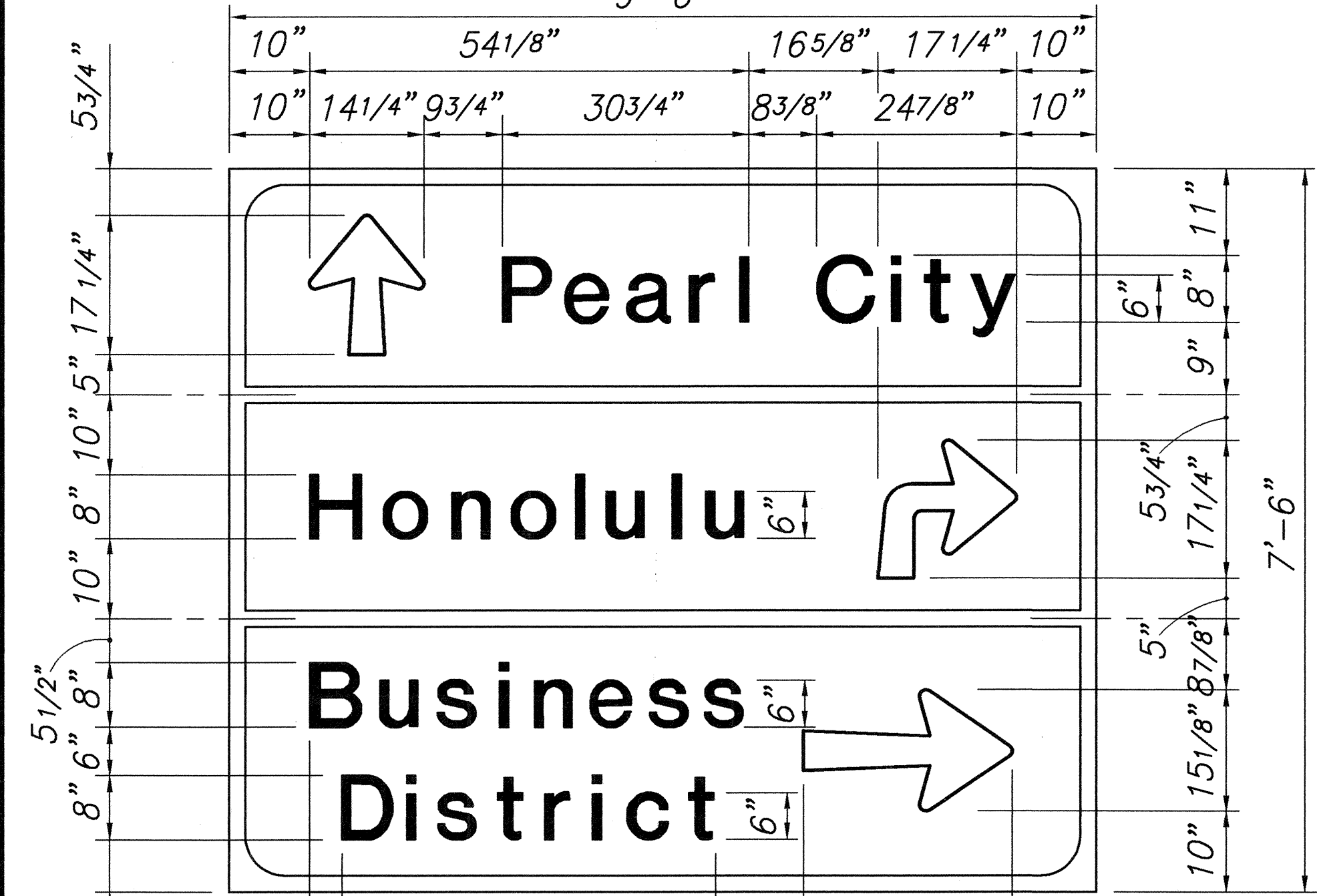
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-092-1(24)	2000	24	57



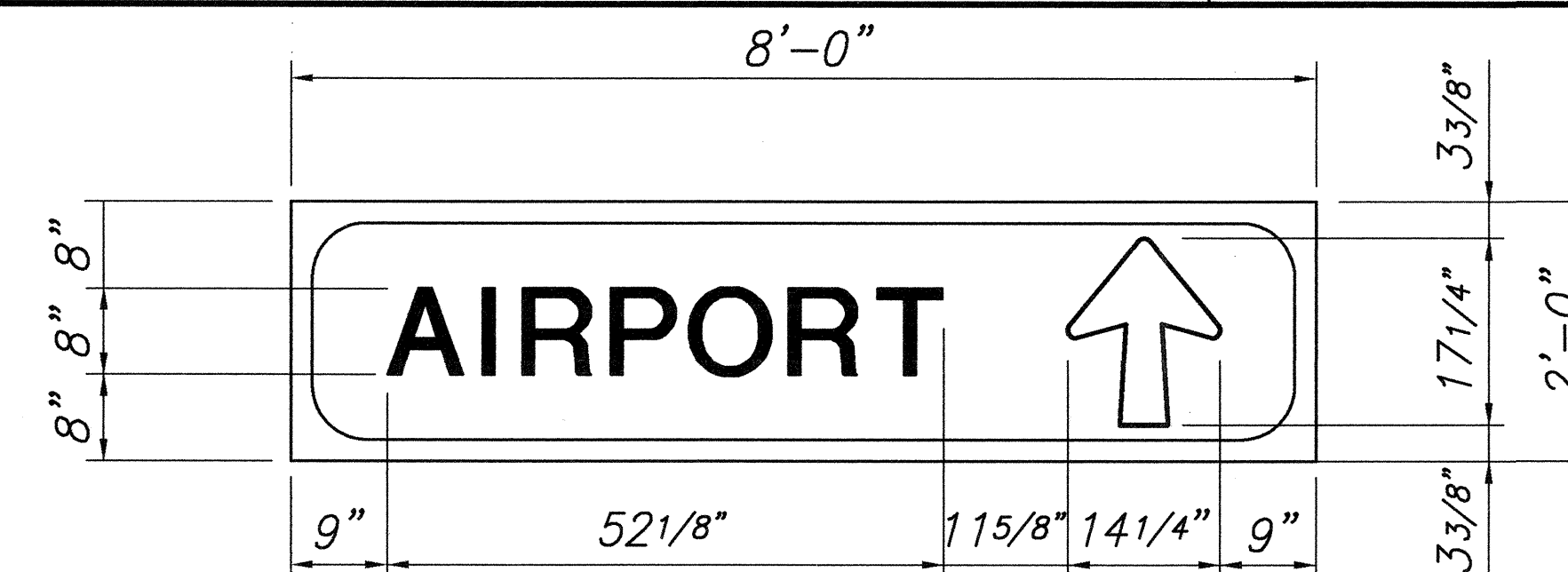
OVERLAY PANEL FOR D-8A & D-24
Scale: 3/4"=1'-0"



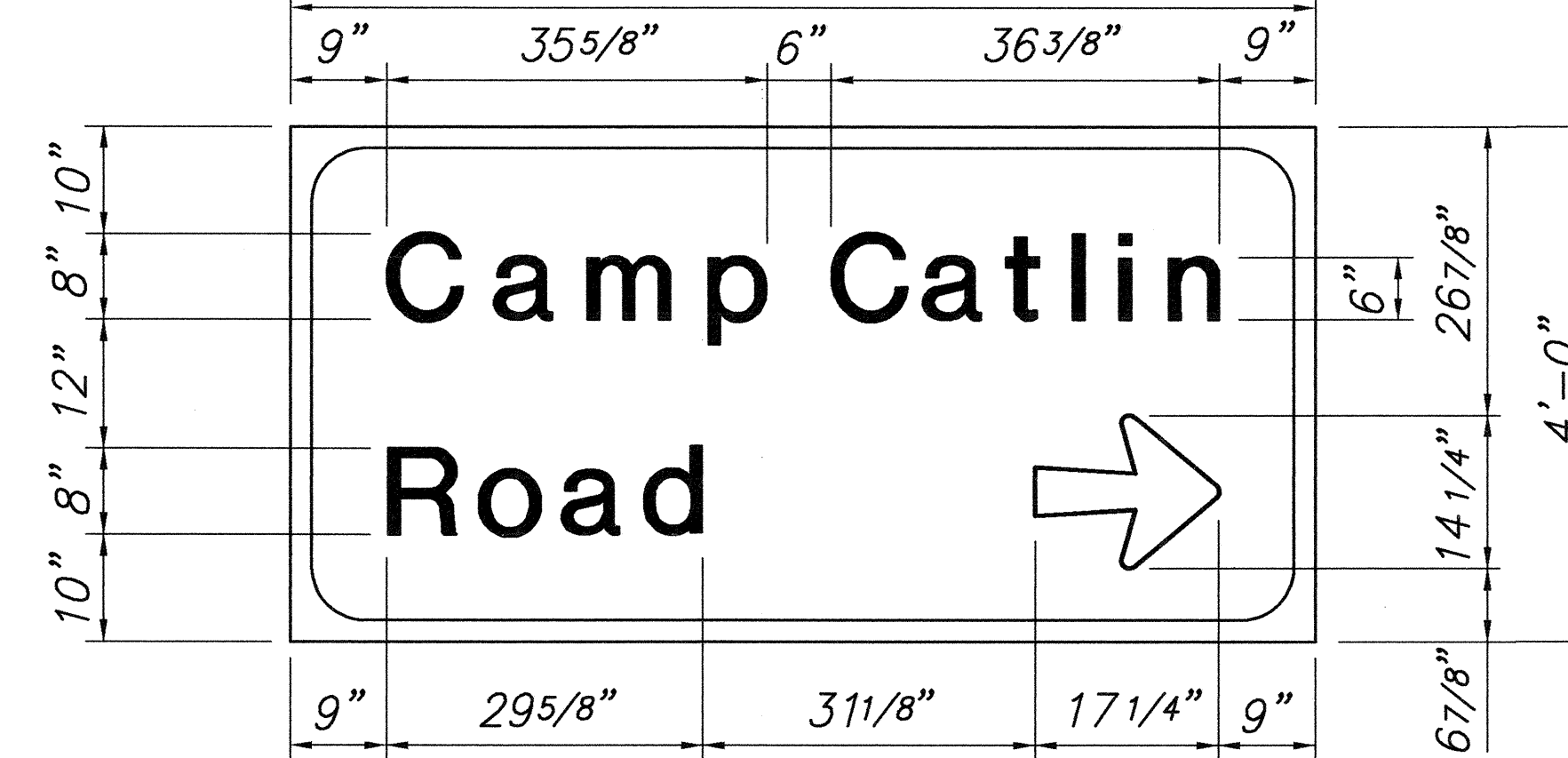
SIGN D-8
Scale: 3/4"=1'-0"



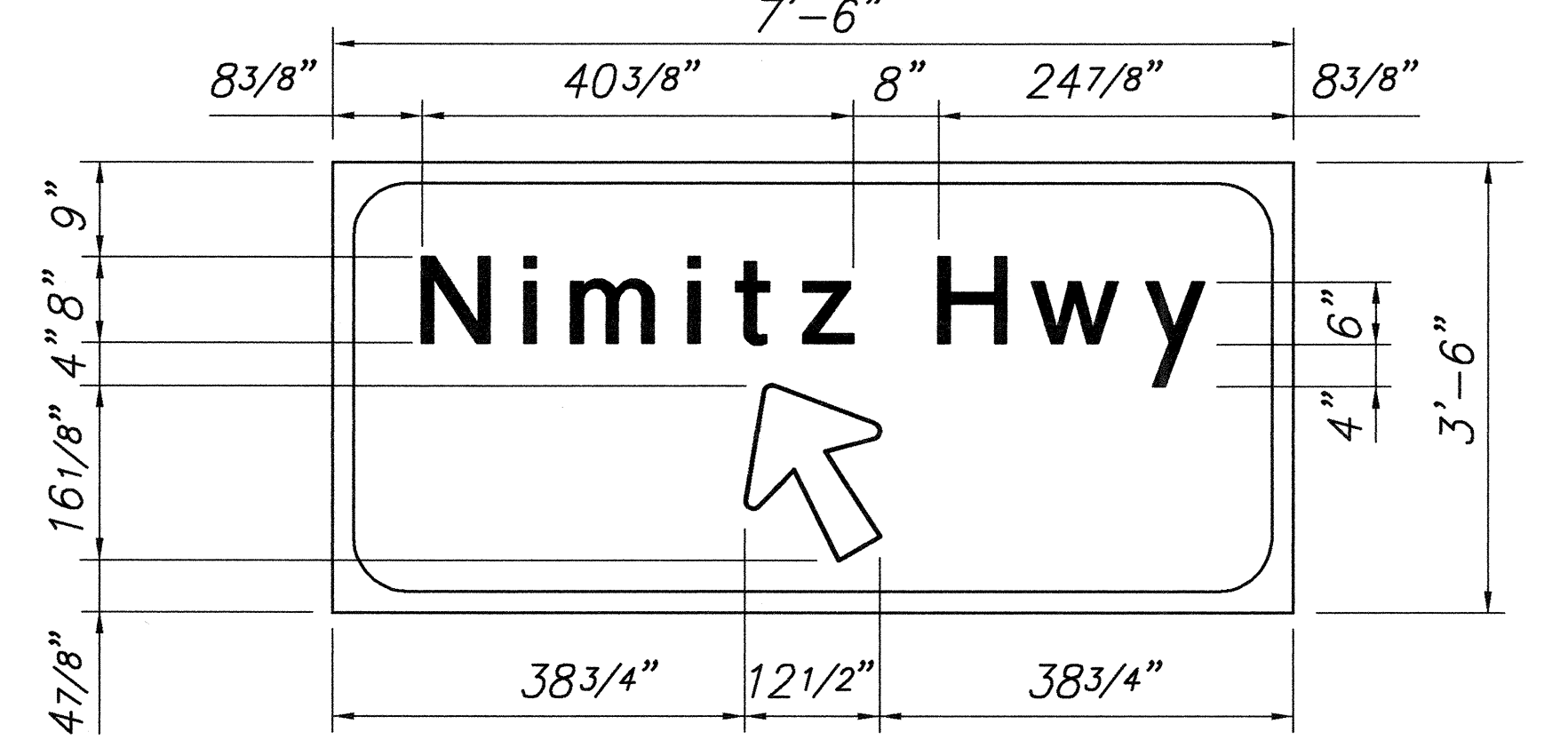
OVERLAY PANEL FOR D-6 & D-17
Scale: 3/4"=1'-0"



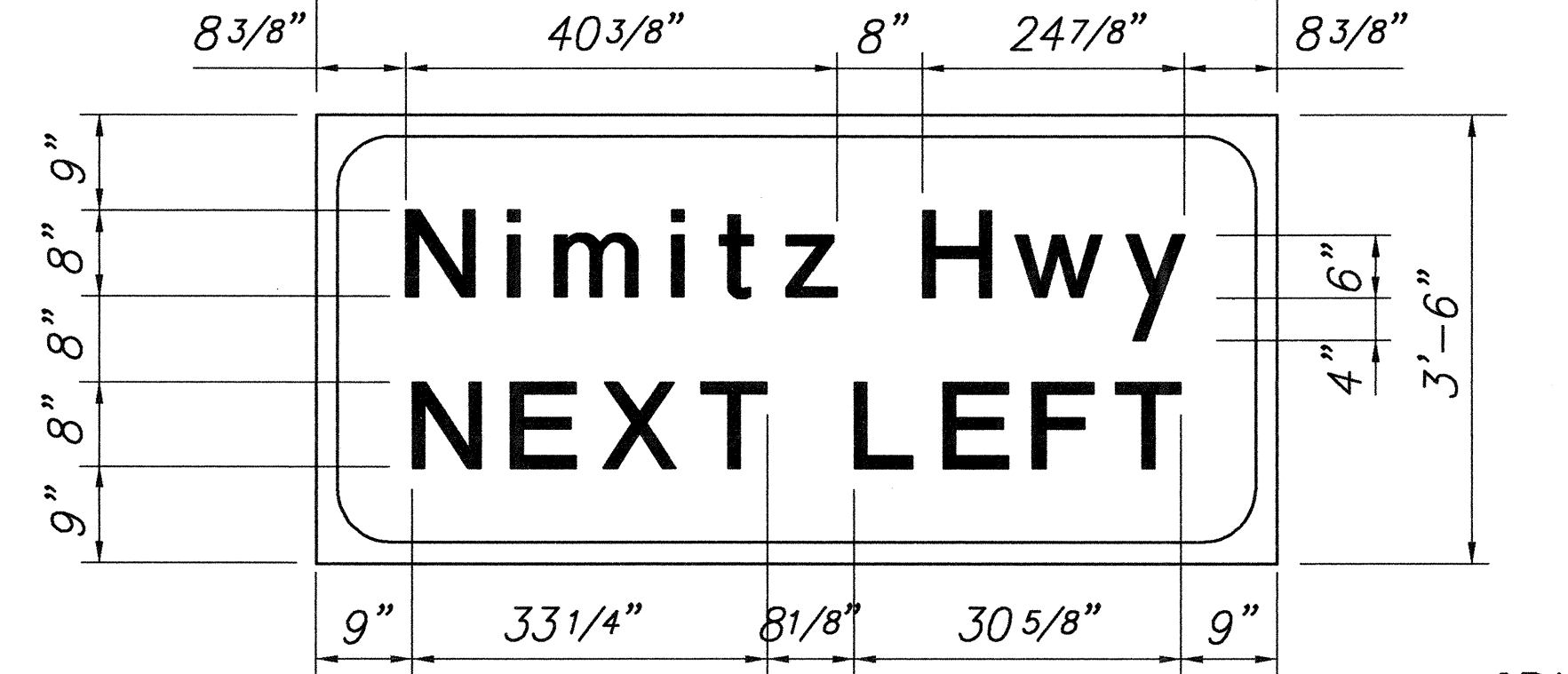
SIGN D-14 & D-20
Scale: 3/4"=1'-0"



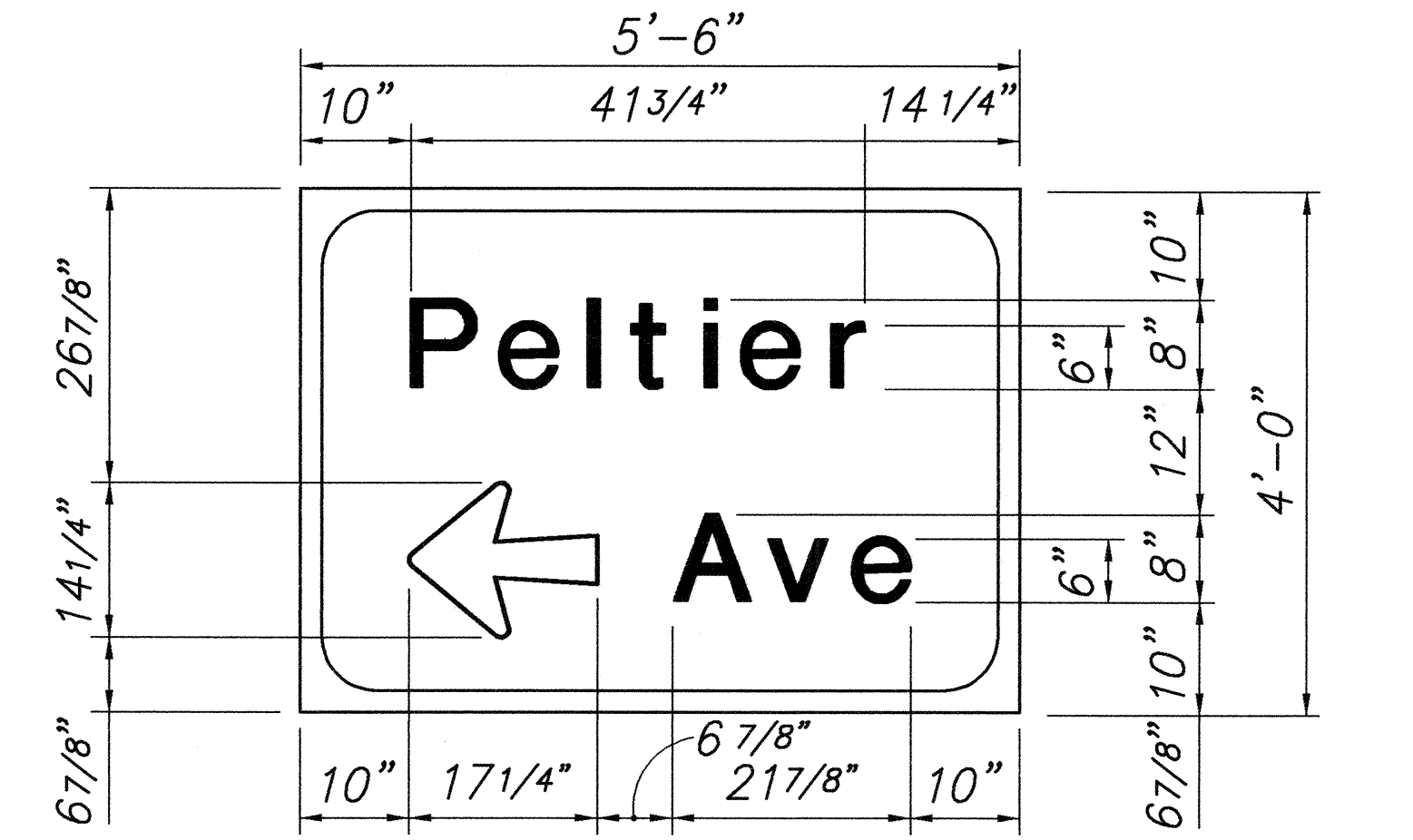
SIGN D-12
Scale: 3/4"=1'-0"



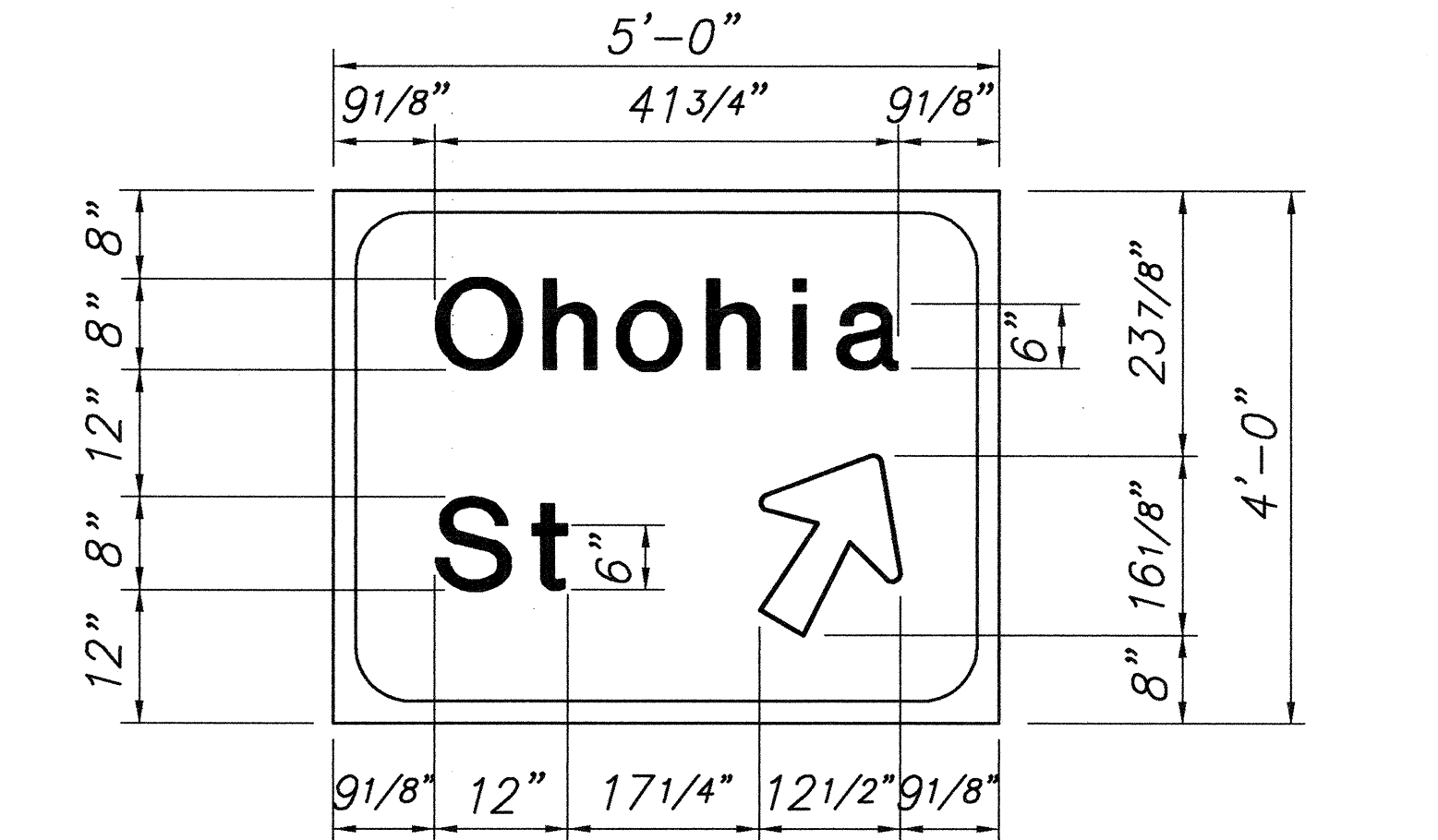
SIGN D-11
Scale: 3/4"=1'-0"



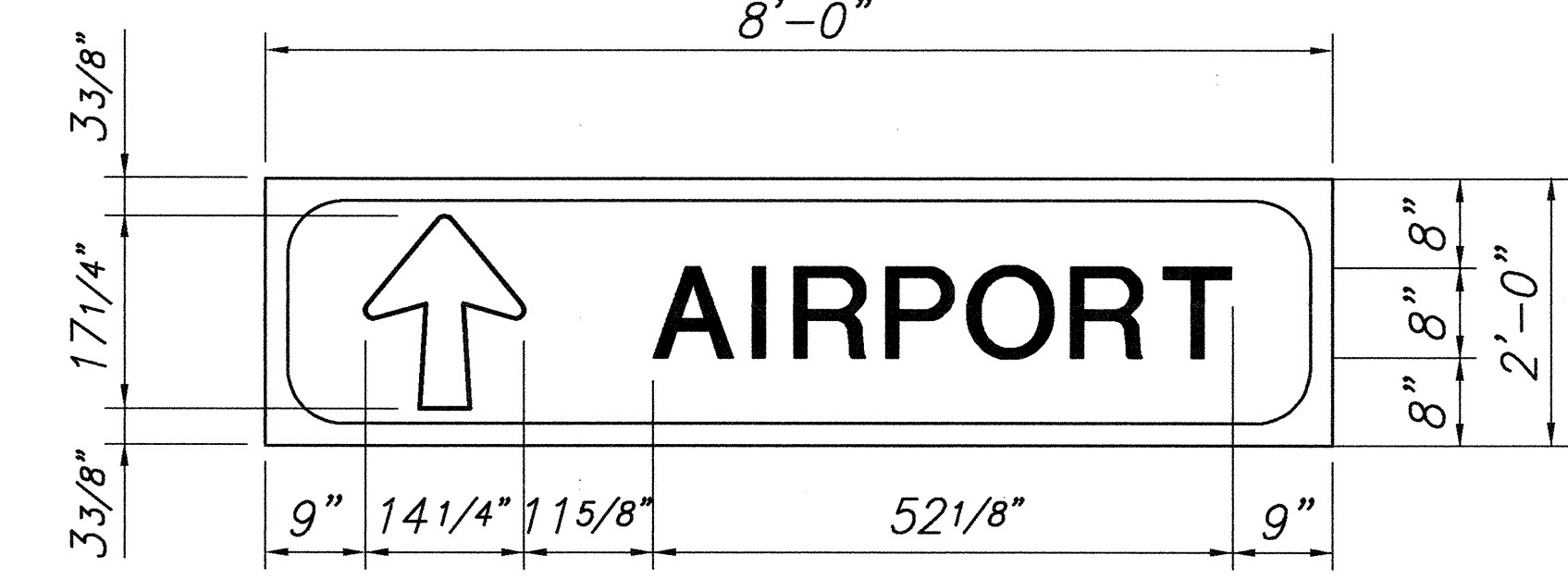
SIGN D-10
Scale: 3/4"=1'-0"



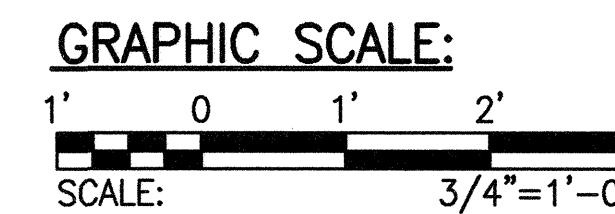
SIGN D-19
Scale: 3/4"=1'-0"



SIGN D-16
Scale: 3/4"=1'-0"



SIGN D-15 & SIGN D-21
Scale: 3/4"=1'-0"



Lance S. Oyama

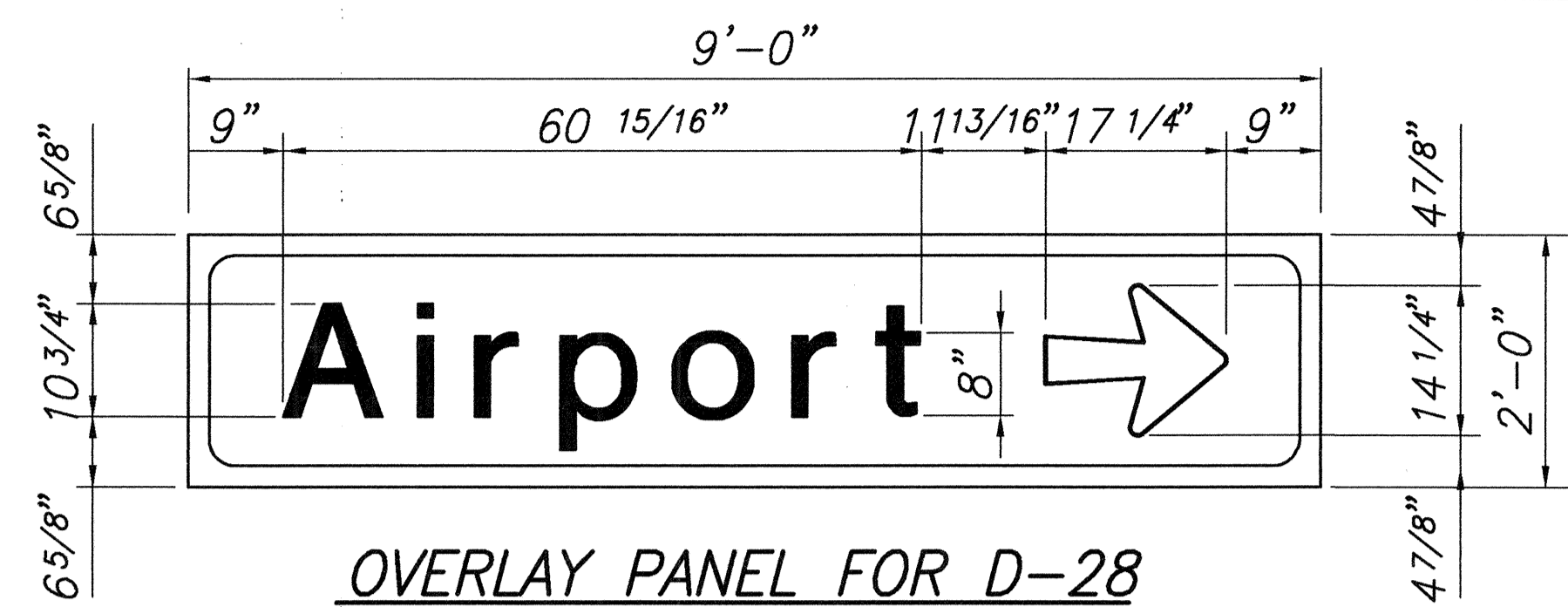
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PANEL LAYOUTS
NIMITZ HIGHWAY RESURFACING
RODGERS BOULEVARD TO AHUA STREET
FED. AID PROJECT NO. STP-092-1(24)

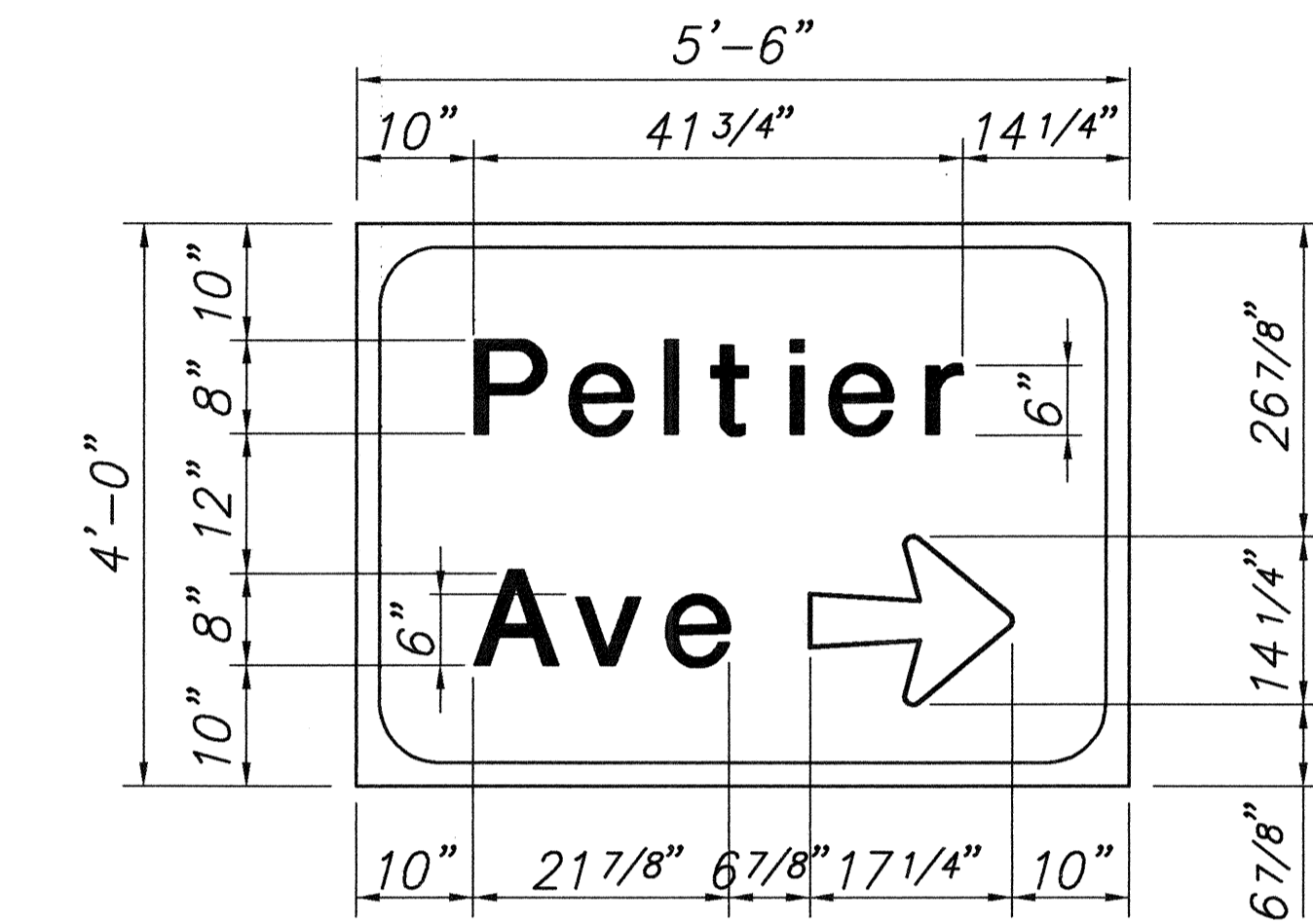
Scale: As Noted Date: Aug. 2, 1999

SHEET No. C-23 OF 57 SHEETS

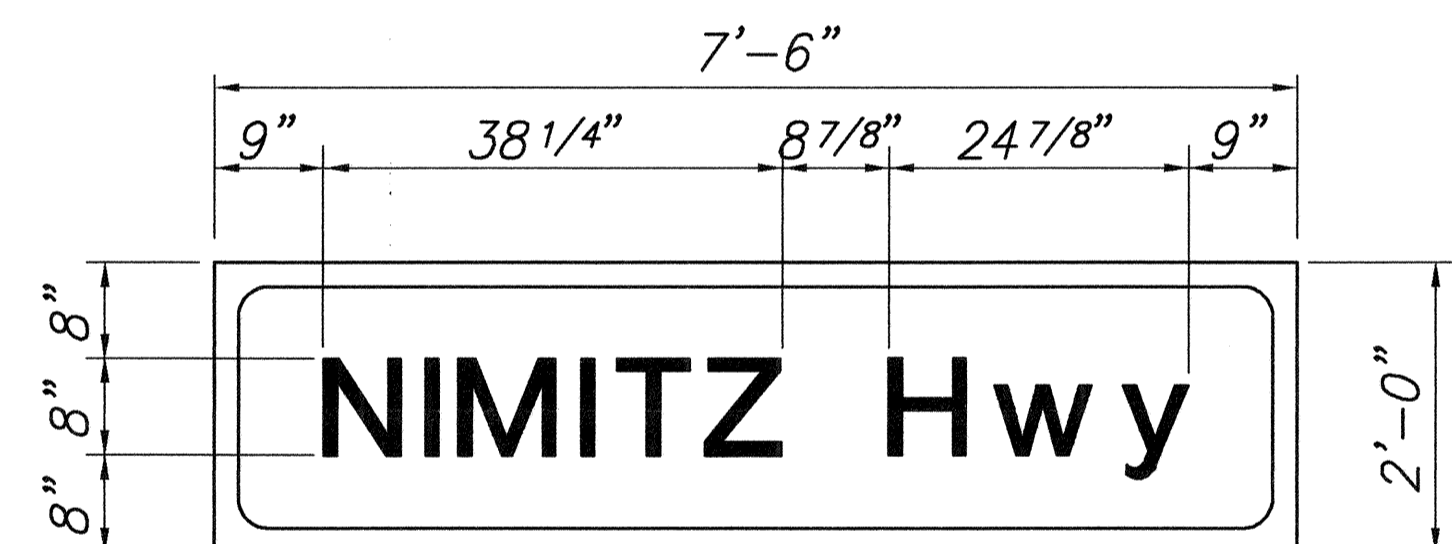
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-092-1(24)	2000	25	57



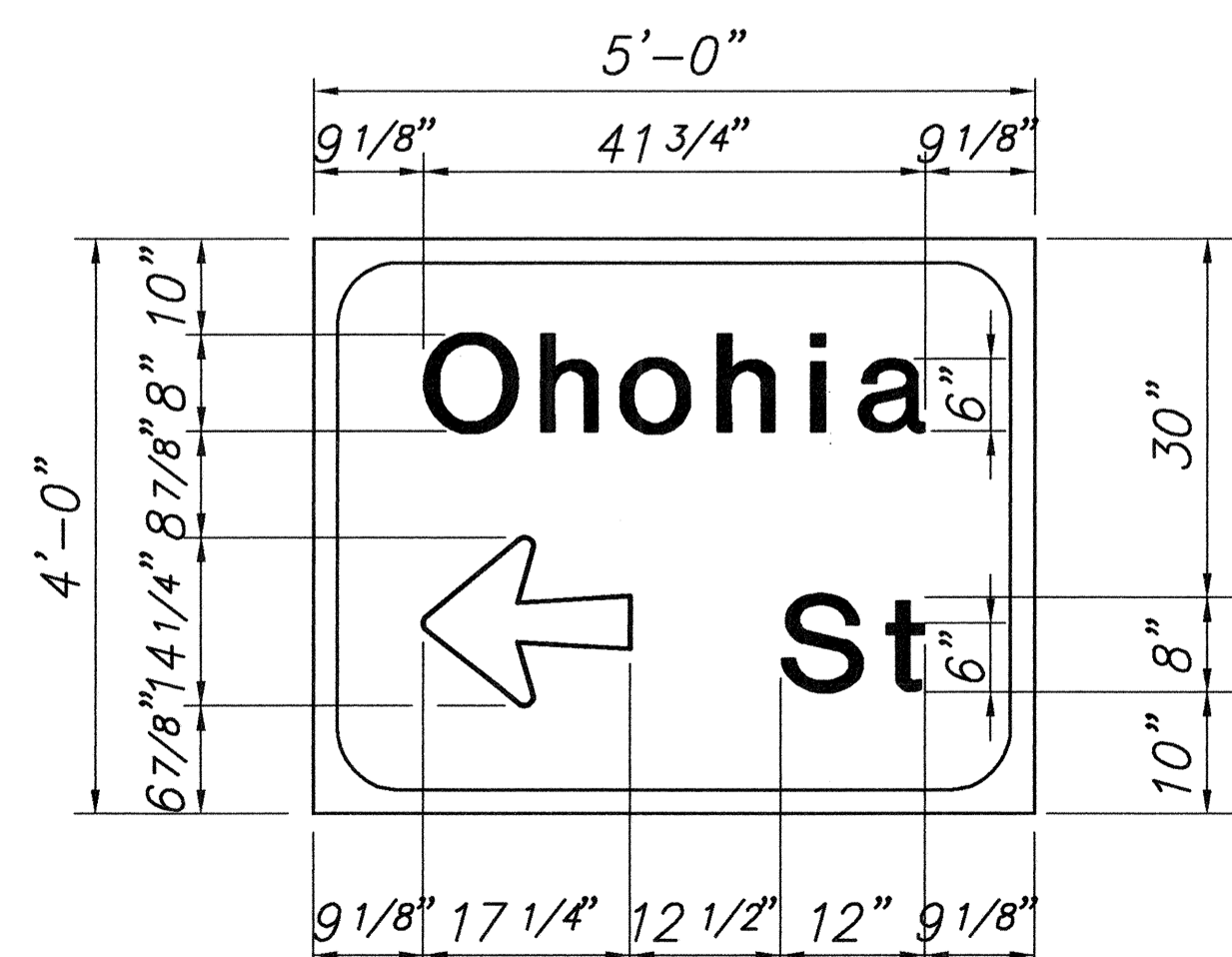
OVERLAY PANEL FOR D-28
Scale: 3/4"=1'-0"



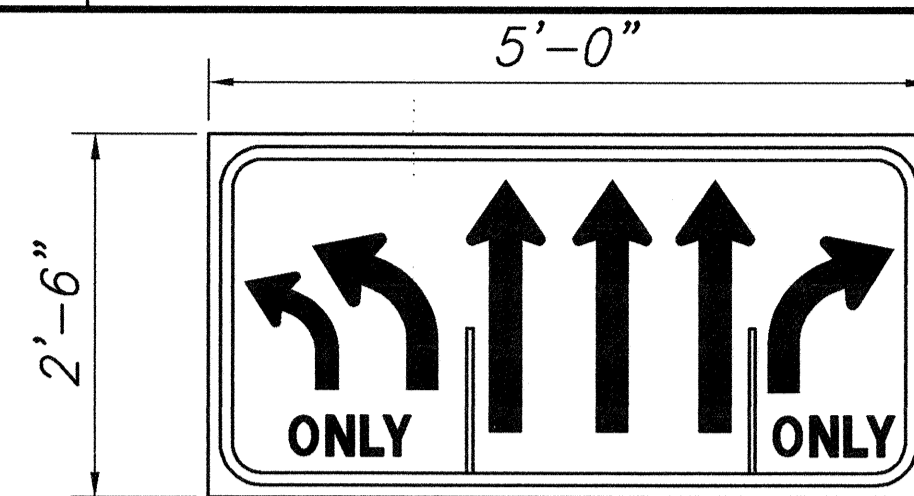
SIGN D-26
Scale: 3/4"=1'-0"



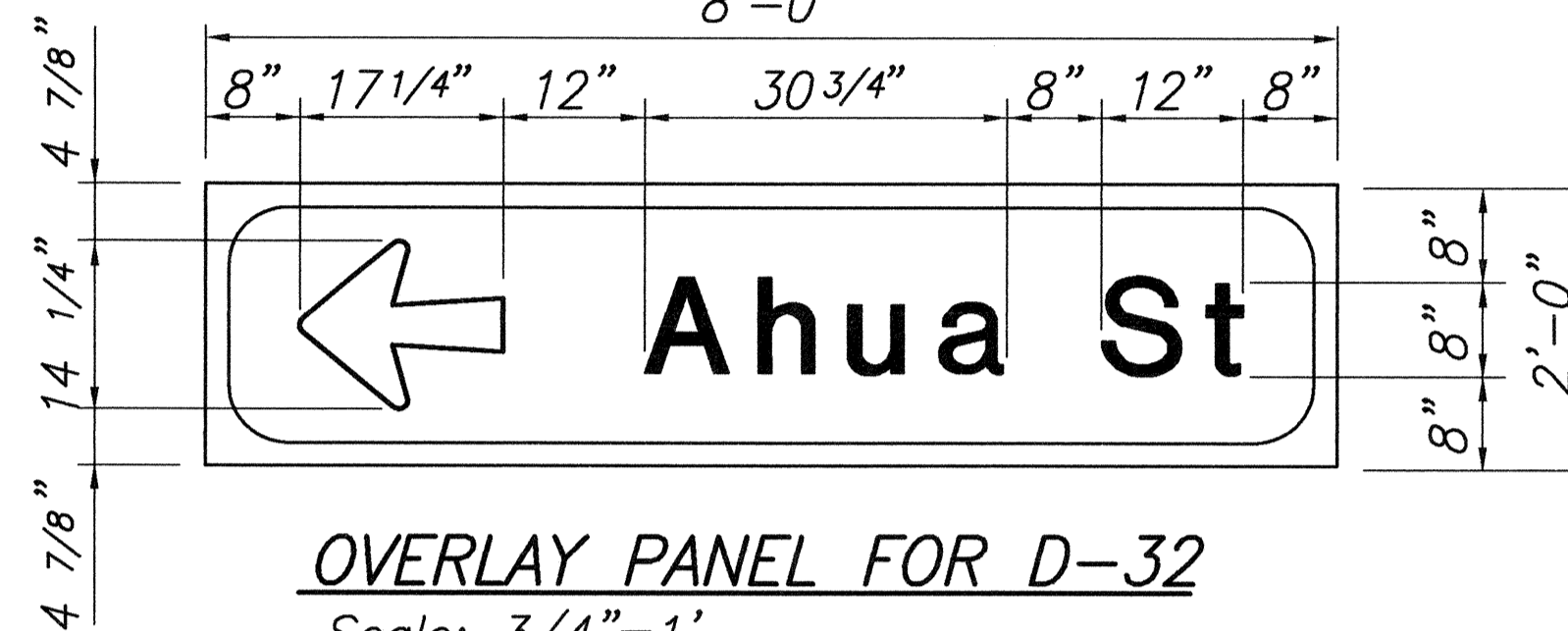
SIGN D-25 & D-35
Scale: 3/4"=1'-0"



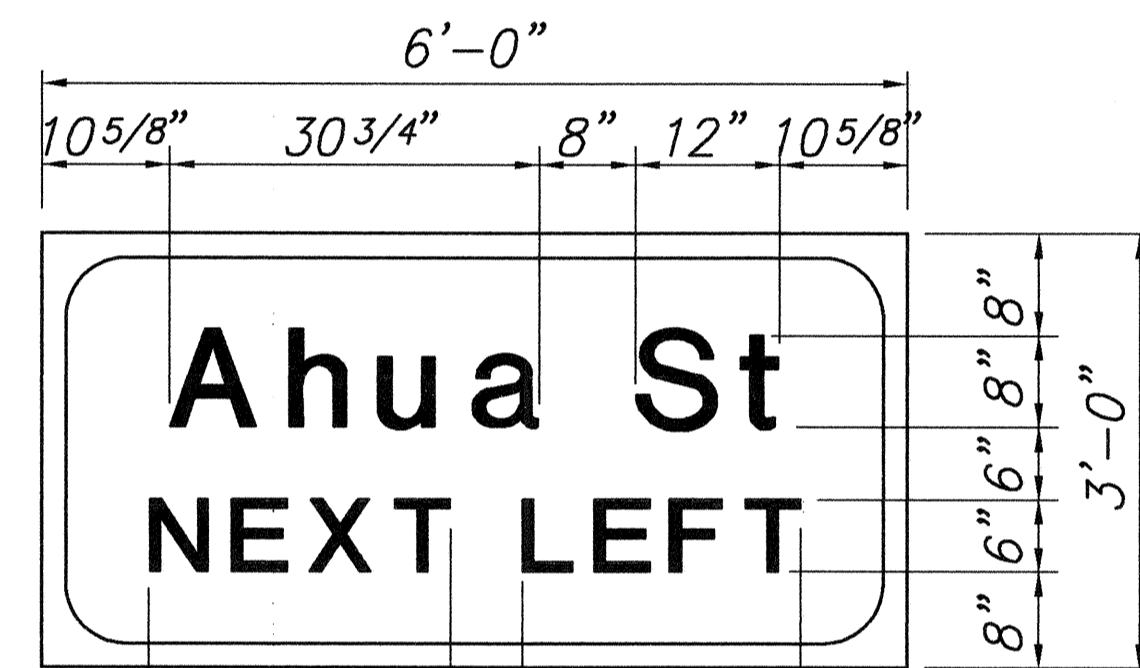
SIGN D-22
Scale: 3/4"=1'-0"



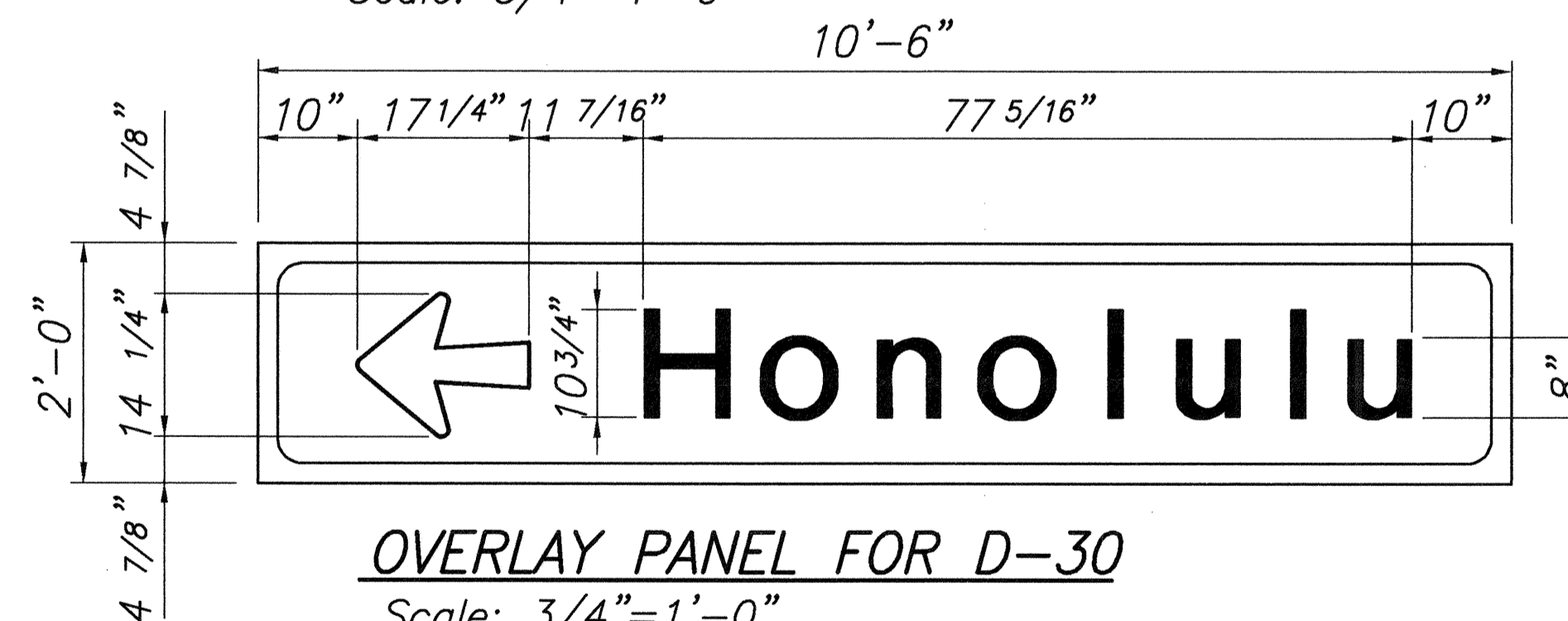
R3-50
Scale: 3/4"=1'-0"



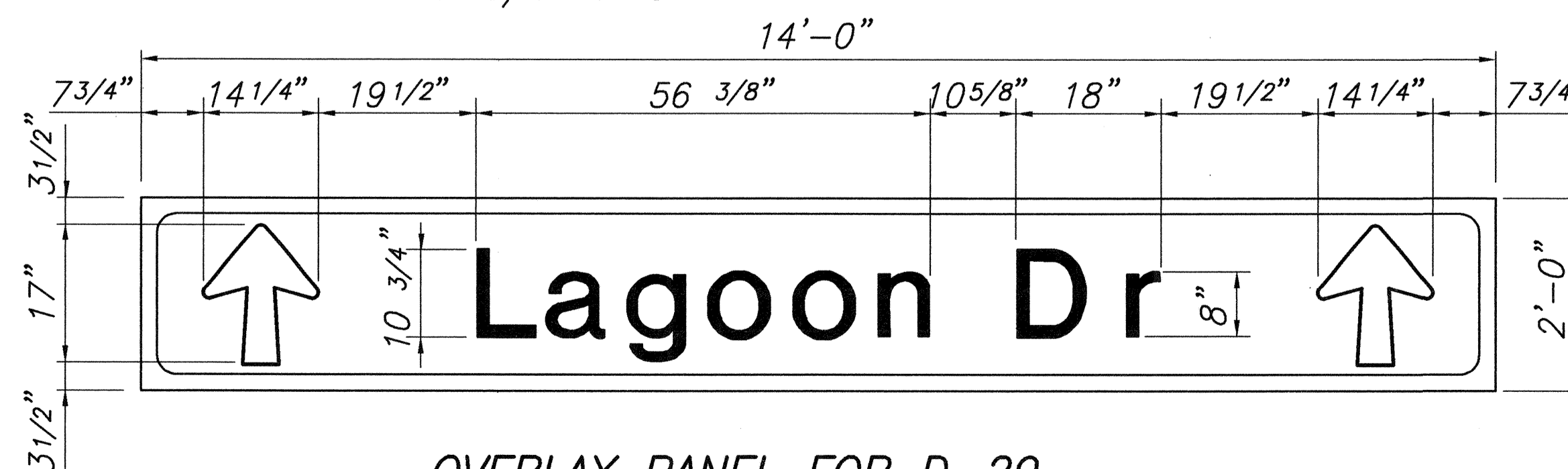
OVERLAY PANEL FOR D-32
Scale: 3/4"=1'



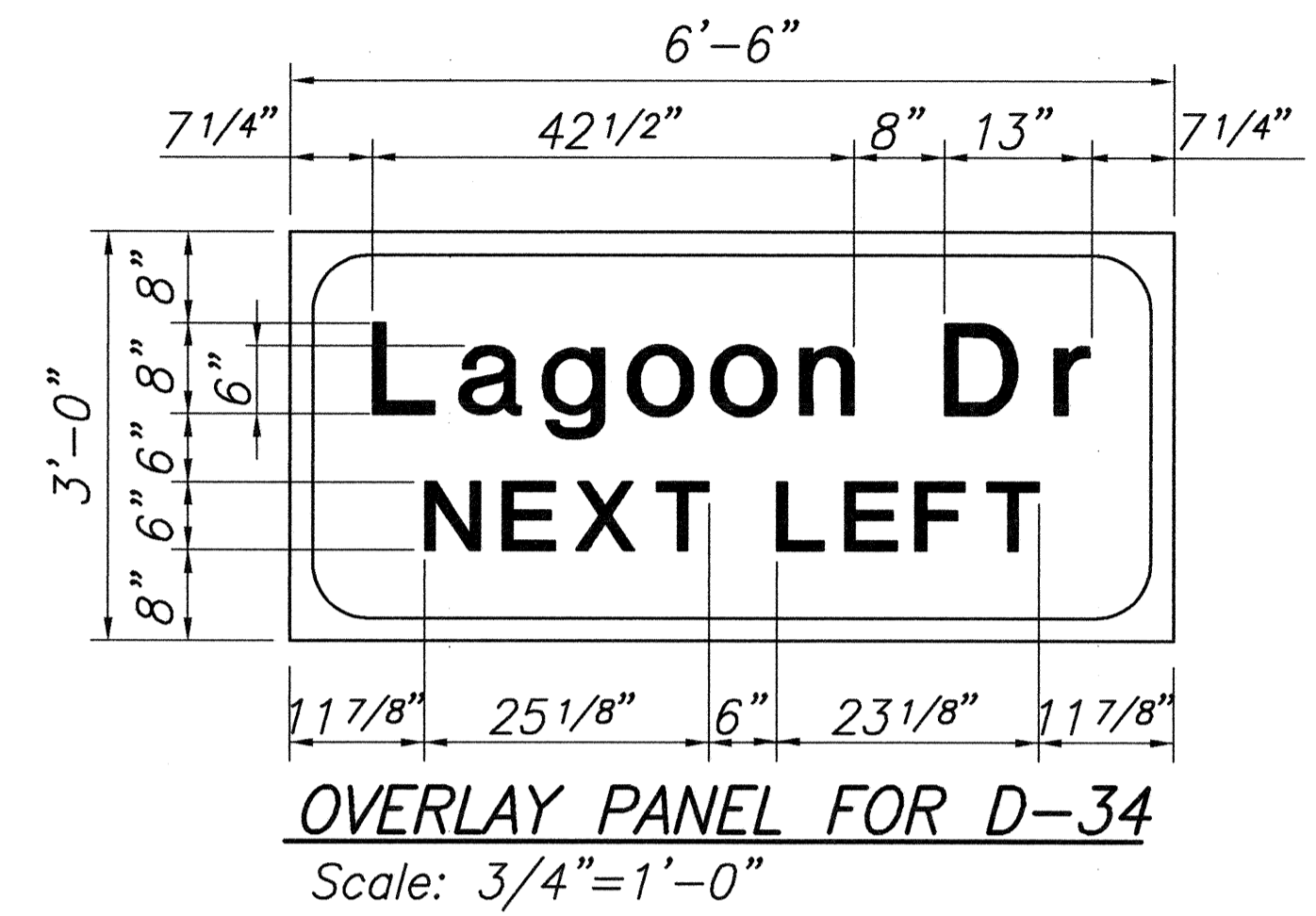
OVERLAY PANEL FOR D-31
Scale: 3/4"=1'-0"



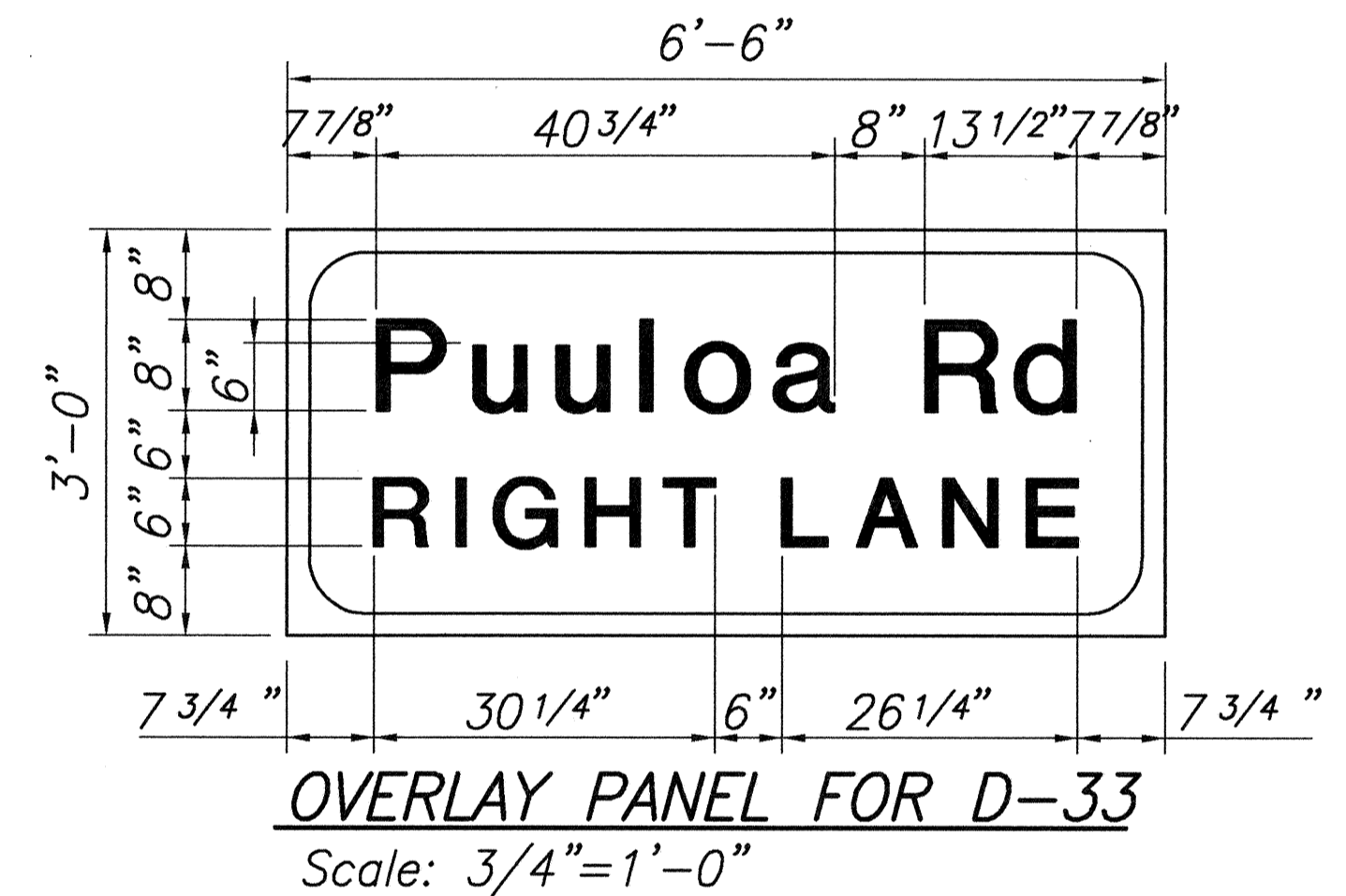
OVERLAY PANEL FOR D-30
Scale: 3/4"=1'-0"



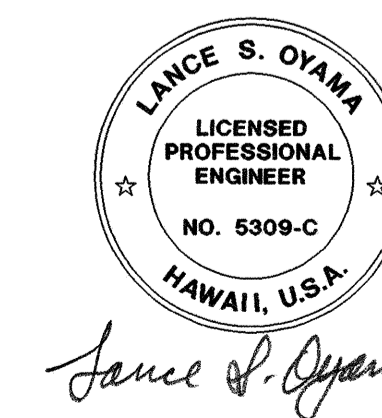
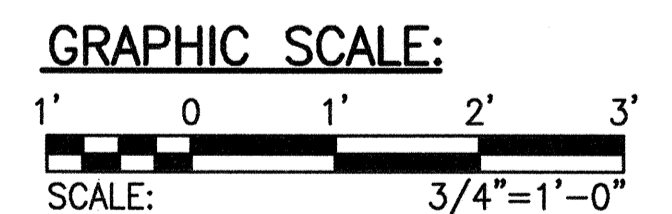
OVERLAY PANEL FOR D-29
Scale: 3/4"=1'-0"



OVERLAY PANEL FOR D-34
Scale: 3/4"=1'-0"



OVERLAY PANEL FOR D-33
Scale: 3/4"=1'-0"



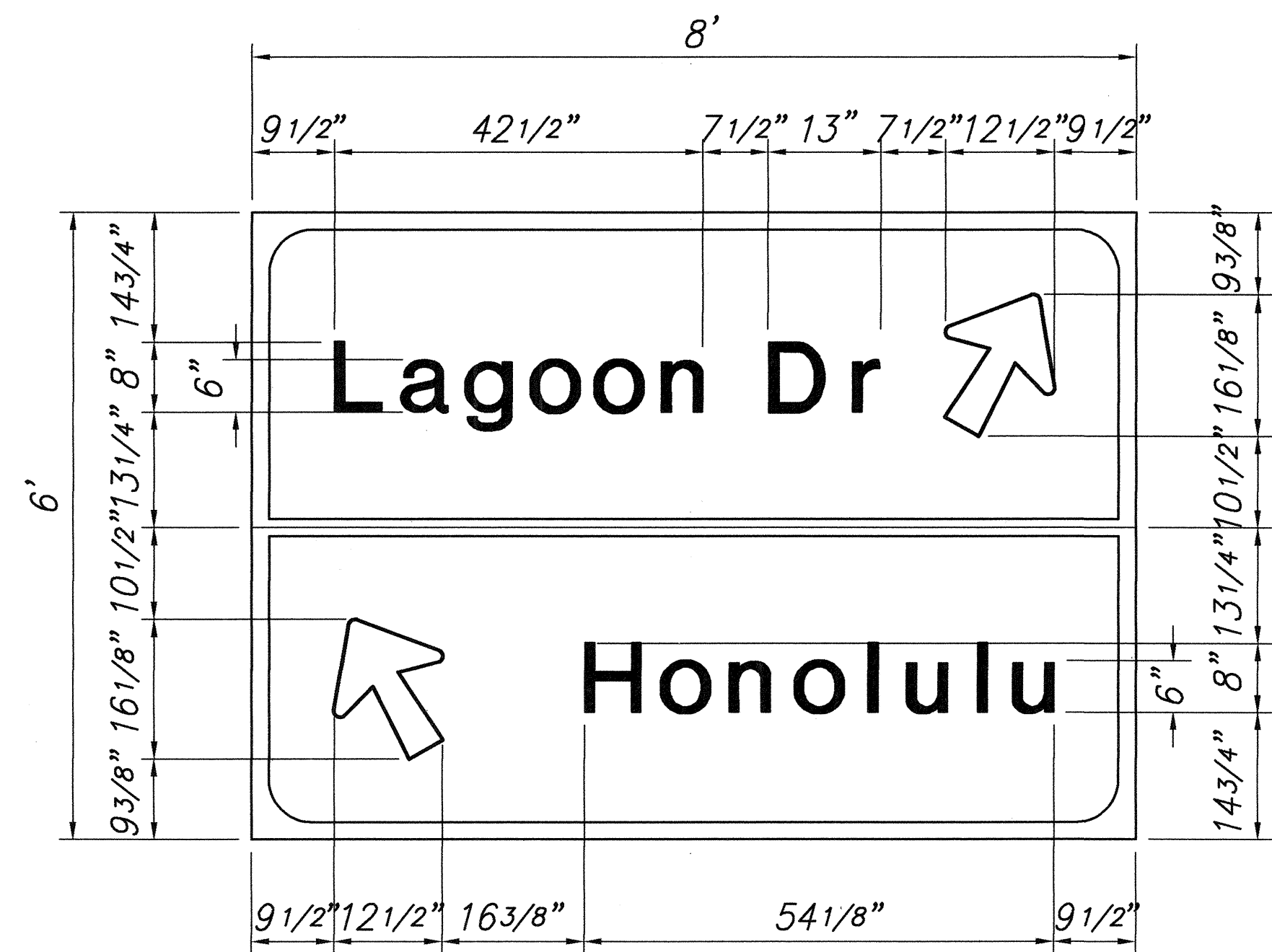
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PANEL LAYOUTS
NIMITZ HIGHWAY RESURFACING
RODGERS BOULEVARD TO AHUA STREET
FED. AID PROJECT NO. STP-092-1(24)

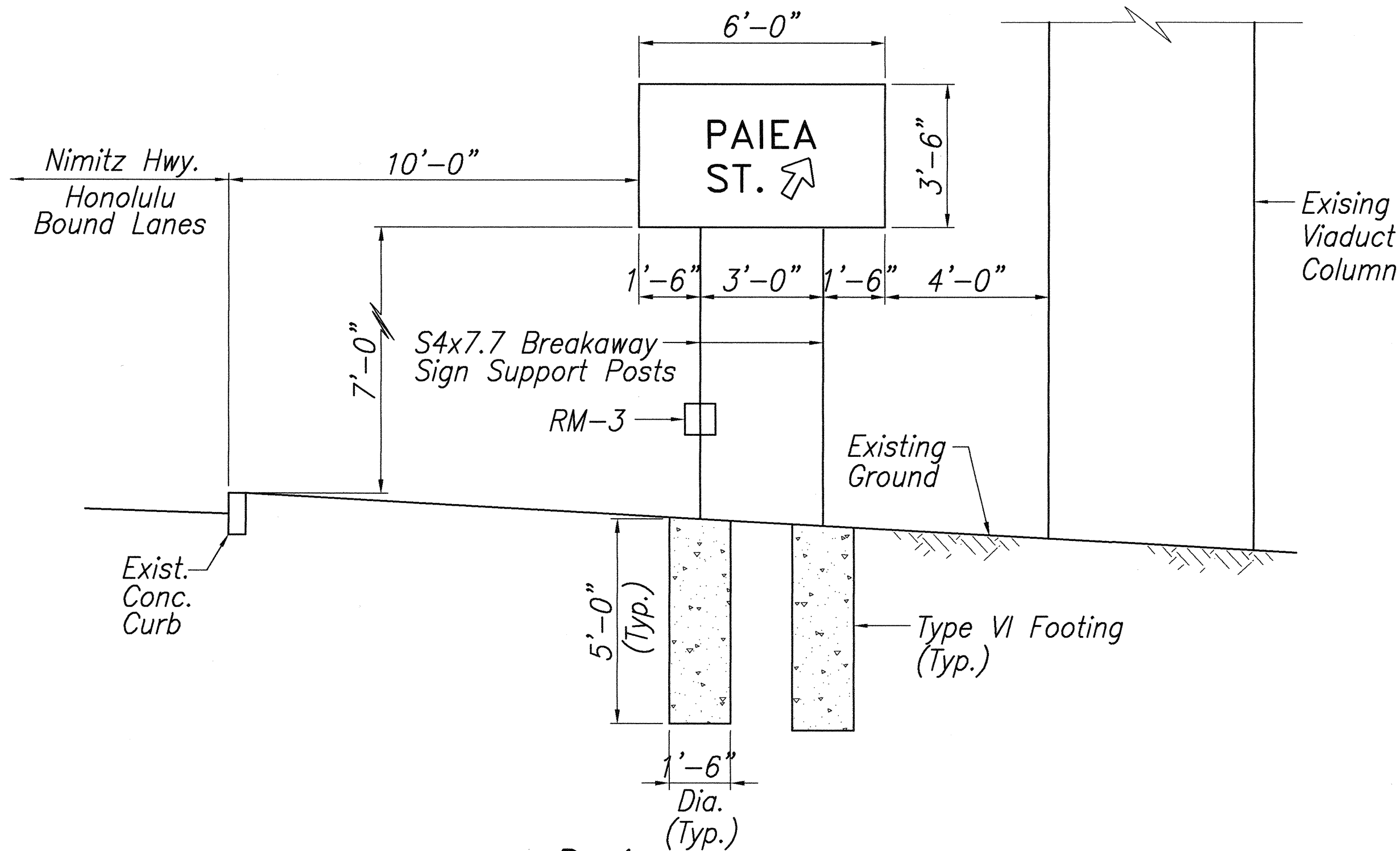
Scale: As Noted Date: Aug. 2, 1999

SHEET No. C-24 OF 57 SHEETS

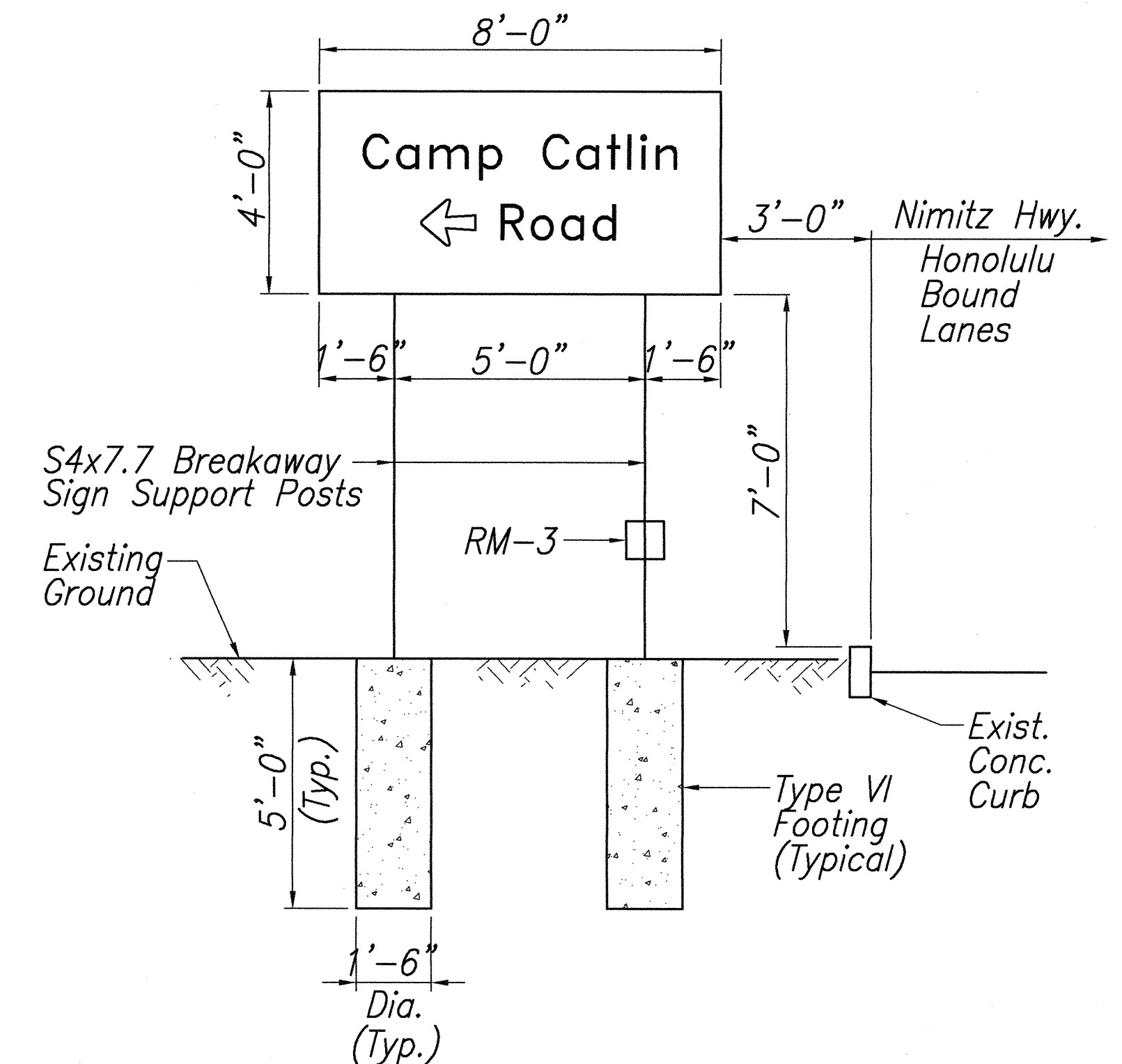
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-092-1(24)	2000	26	57



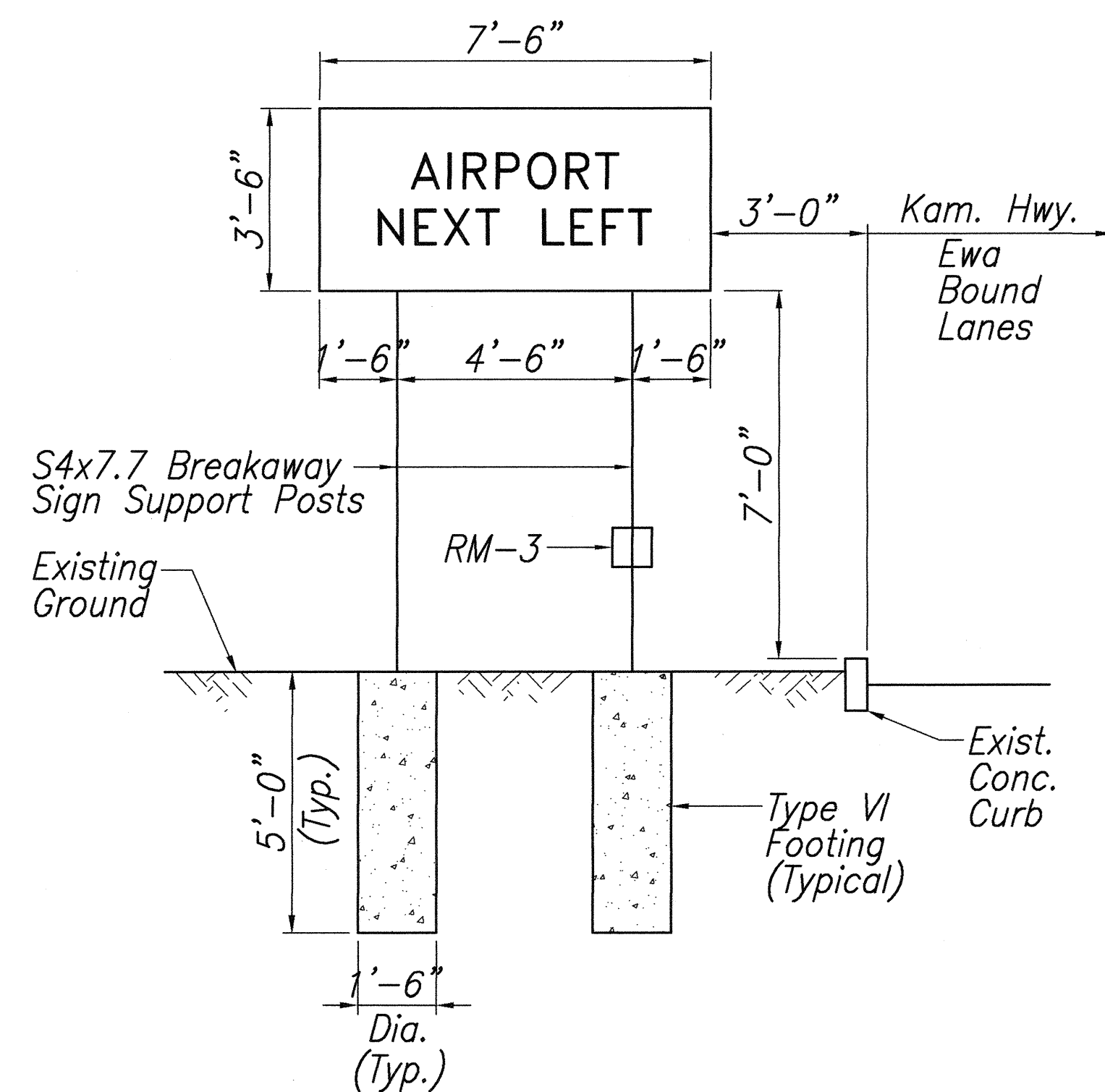
SIGN D-27
Scale: 3/4"=1'-0"



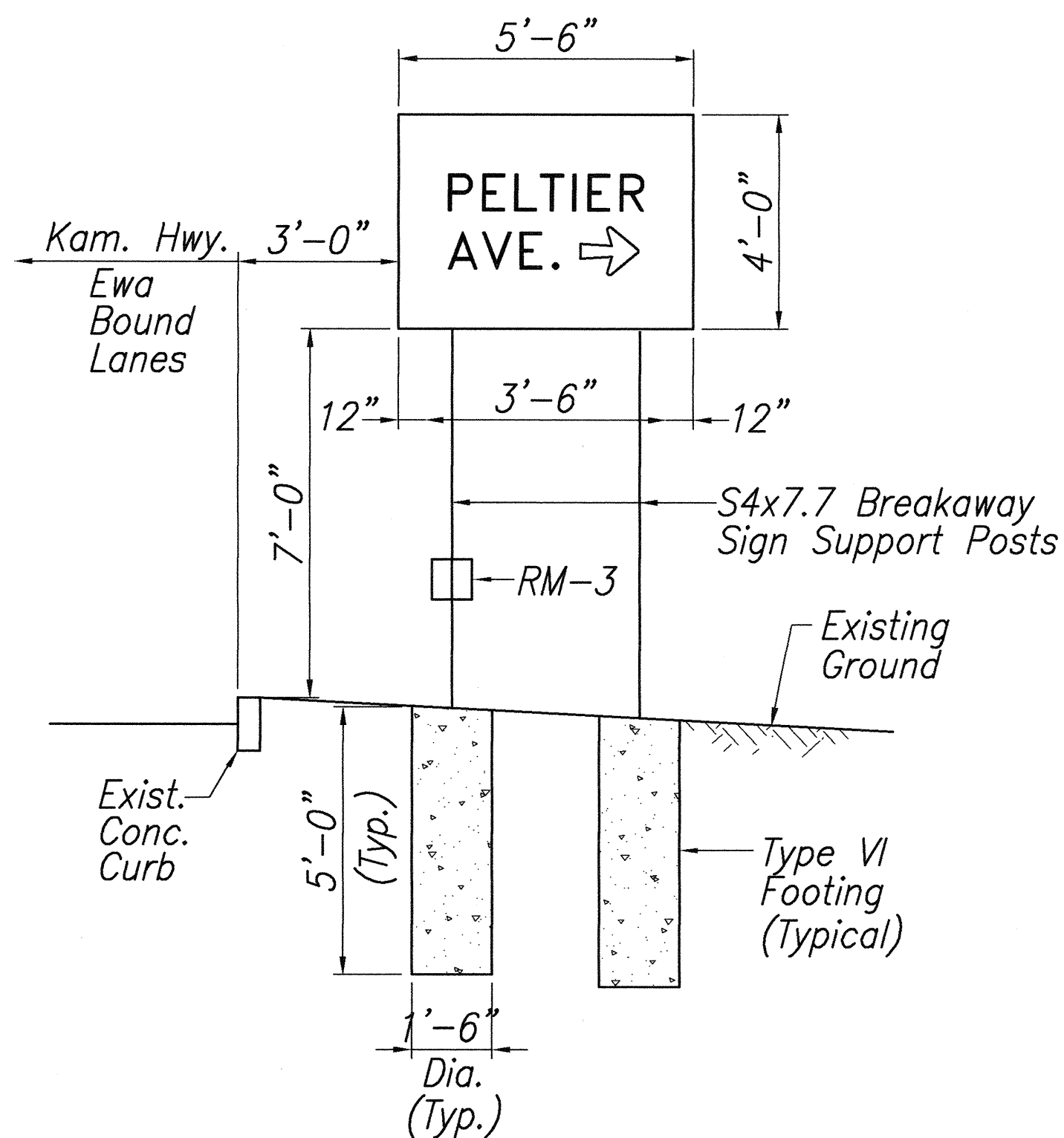
D-4
Nimitz Hwy. Sta. 164+65± Rt.
Scale: 3/8"=1'-0"



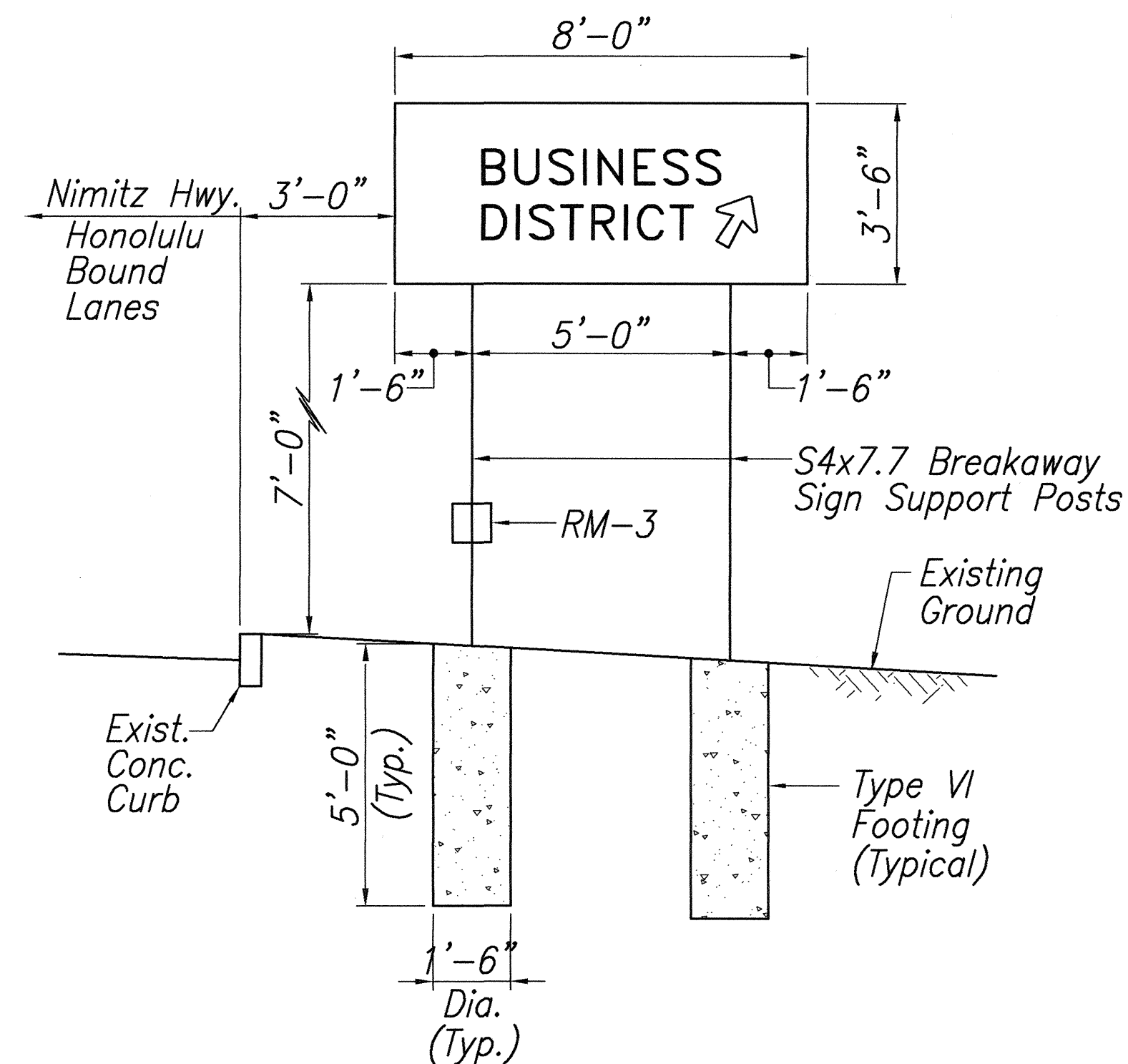
D-8
Nimitz Hwy. Sta. 168+40± Lt.
Scale: 3/8"=1'-0"



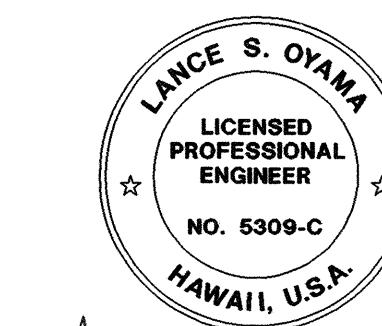
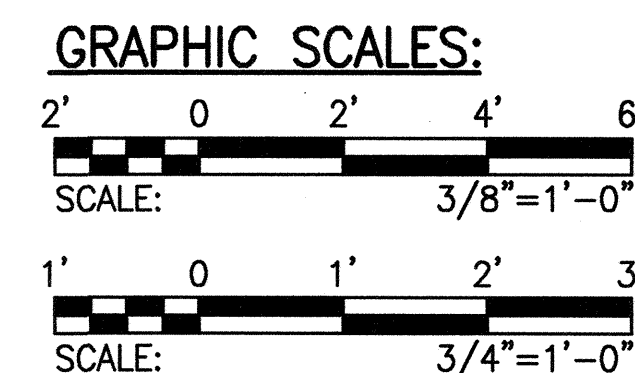
D-5
Kamehameha Hwy. Sta. 165+50± Rt.
Scale: 3/8"=1'-0"



D-26
Kamehameha Hwy. Sta. 204+50 Lt.
Scale: 3/8"=1'-0"



D-13
Nimitz Hwy. Sta. 179+65± Rt.
Scale: 3/8"=1'-0"



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**PANEL LAYOUT &
FRAME LAYOUT DETAILS**

NIMITZ HIGHWAY RESURFACING
RODGERS BOULEVARD TO AHUA STREET
FED. AID PROJECT NO. STP-092-1(24)

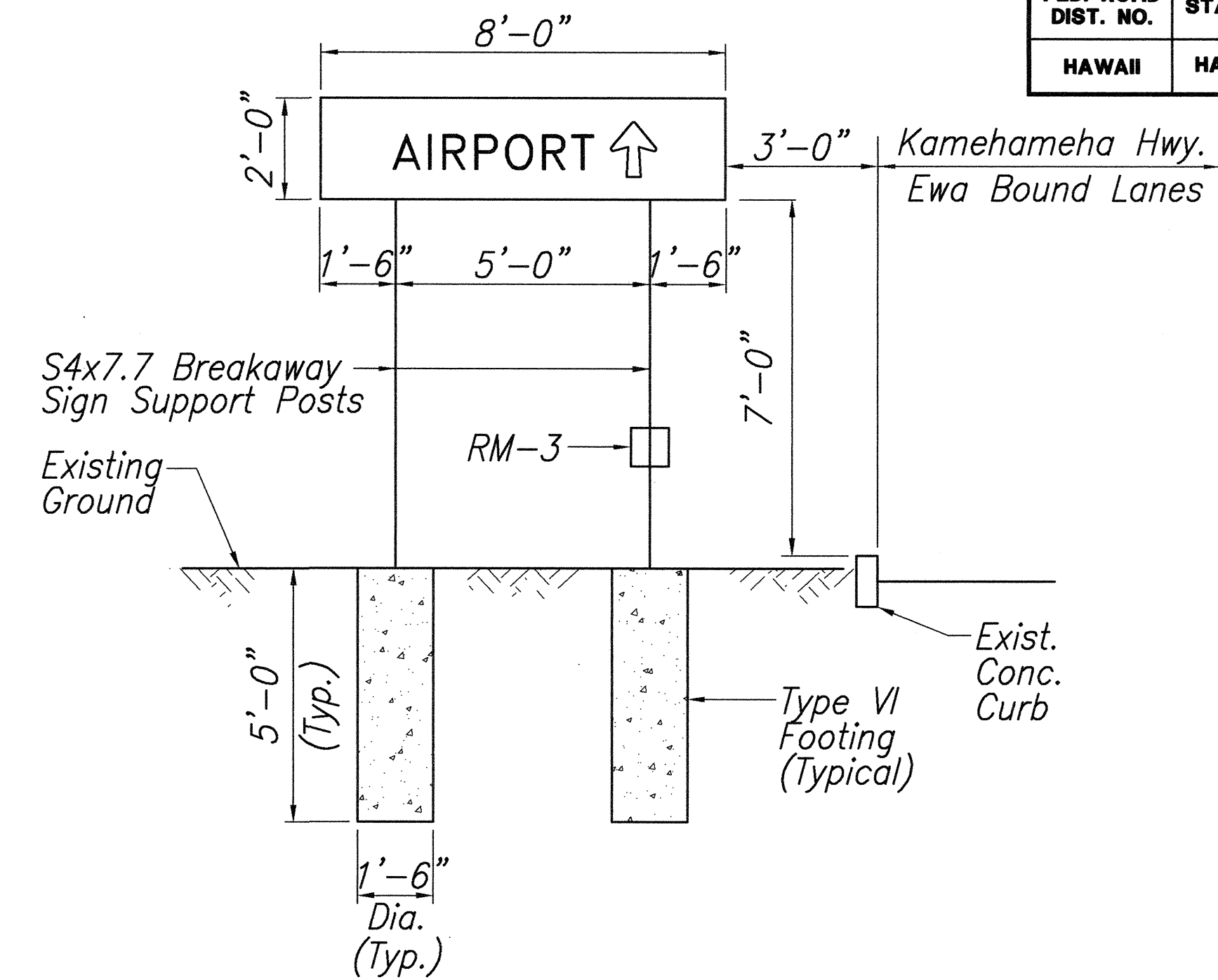
Scale: As Noted Date: Aug. 2, 1999

SHEET No. C-25 OF 57 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-092-1(24)	2000	27	57

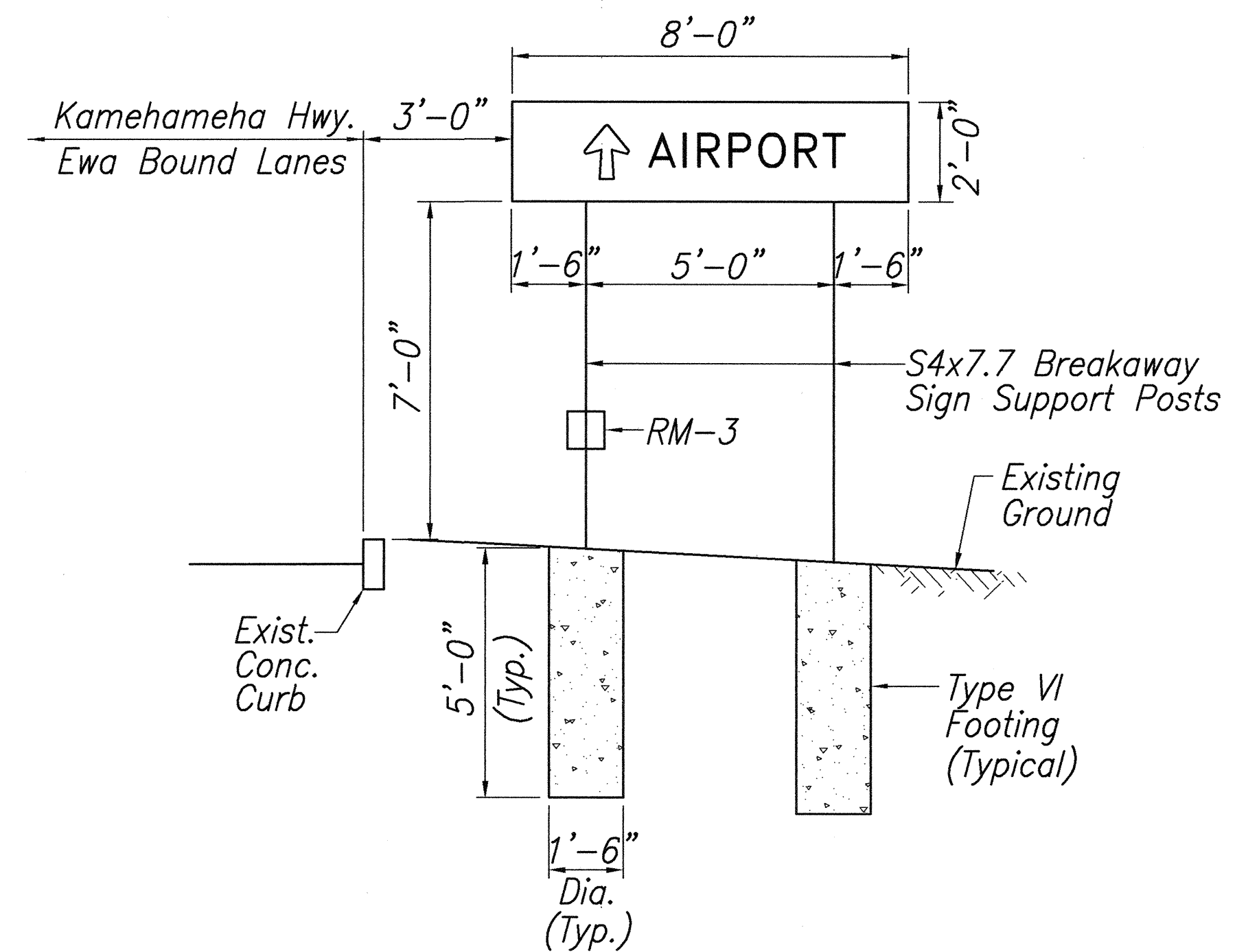
TRAFFIC SIGN SUMMARY

SIGN NO.	MESSAGE	QUANTITY			
		10 SQ. FT. OR LESS		GREATER THAN 10 SQ. FT.	
		W/POST	W/O POST	W/POSTS	W/O POSTS
R1-1	STOP		4		
R1-2	YIELD	11	2		
R2-1(25) 24"x30"	SPEED LIMIT 25	7			
R2-1(35) 24"x30"	SPEED LIMIT 35	10			
R3-1		9	3		
R3-1e	NO RIGHT TURN		11		
R3-2		2	3		
R3-2e	NO LEFT TURN		5		
R3-4		3			
R3-7(L)	LEFT LANE MUST TURN LEFT	2			
R3-50				2	
R3-53				2	
R3-401		1	2		
R5-1	DO NOT ENTER	12	3		
R5-1a	WRONG WAY	3	3		
R6-1(R)		21	33		
R6-1(L)		5	20		
R7-107b		6	1		
R7-108	2 HR. PARKING	12			
R7-201a			41		
R8-3a		19	22		
R8-3ae			18		
R16-6	U TURN AHEAD	1	1		
R17-1	ON LEFT ARROW ONLY	5	1		
R-17-1a	ON LEFT ARROW ONLY	1			
R17-3(L)	ON LEFT ARROW ONLY NO U TURN	1	2		
R17-4	ON LEFT ARROW ONLY NO U TURN	2	1		



D-14 & D-20

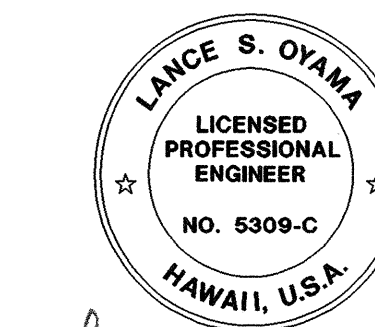
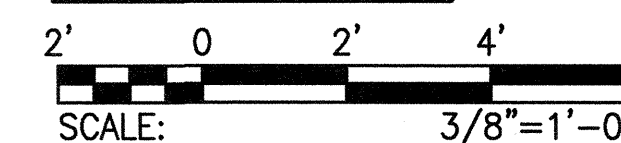
Kamehameha Hwy. Sta. 179+70± Rt. & Sta. 193+95± Rt.
Scale: 3/8"=1'-0"



D-15 & D-21

Kamehameha Hwy. Sta. 179+70 Lt. & Sta. 193+95± Lt.
Scale: 3/8"=1'-0"

GRAPHIC SCALE:



Lance S. Oyama

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC SIGN SUMMARY AND
FRAME LAYOUT DETAILS

NIMITZ HIGHWAY RESURFACING
RODGERS BOULEVARD TO AHUA STREET
FED. AID PROJECT NO. STP-092-1(24)

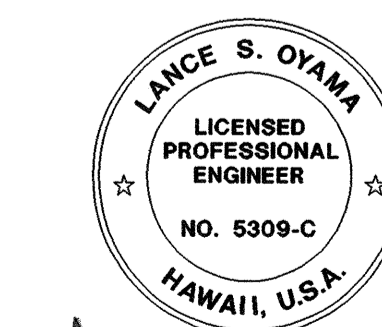
Scale: As Noted Date: Aug. 2, 1999

SHEET No. C-26 OF 57 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-092-1(24)	2000	28	57

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
W3-1a		1	1		
W3-1ae	STOP AHEAD		2		
W3-3		2			
W4-1(R)			2		
W4-2(L)			2		
W11-1		7			
W11-1e	BIKE XING		6		
W11-2		2			
W11a-2e	PED XING		2		
D11-1	BIKE ROUTE			10	3
M1-6(92)		1			
M1-6(66)		2			
M2-1			2		
M3-2			1		
M7-1(L)			1		
M7-1(R)			2		
M7-2			4		
M7-5			6		
	TOTAL	148	207	14	3

PAVEMENT MARKING SUMMARY	
DESCRIPTION	QUANTITY
PAVEMENT MARKERS	
TYPE A	3025 EA.
TYPE C	1800 EA.
TYPE D	36 EA.
TYPE H	330 EA.
TYPE DB	2 EA.
TAPE - TYPE I OR THERMOPLASTIC EXTRUSION	
4-INCH PAVEMENT STRIPE (WHITE)	7500 L.F.
8-INCH PAVEMENT STRIPE (YELLOW)	8900 L.F.
DBL. 4-INCH PAV'T STRIPE (YELLOW)	310 L.F.
TAPE - TYPE II OR THERMOPLASTIC EXTRUSION	
4-INCH PAVEMENT STRIPE (WHITE)	21,000 L.F.
4-INCH PAVEMENT STRIPE (YELLOW)	13,000 L.F.
8-INCH PAVEMENT STRIPE (WHITE)	6500 L.F.
12-INCH PAVEMENT STRIPE (WHITE)	1500 L.F.
12-INCH PAVEMENT STRIPE (YELLOW)	100 L.F.
DBL. 4-INCH PAV'T STRIPE (WHITE)	300 L.F.
TAPE - TYPE III OR THERMOPLASTIC EXTRUSION	
4-INCH PAVEMENT STRIPE (WHITE)	2200 L.F.
12-INCH PAVEMENT STRIPE (WHITE)	1700 L.F.
CROSSWALK MARKINGS	112 LANES
PAVEMENT ARROW	248 EA.



Lance S. Oyama

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC SIGN AND
PAVEMENT MARKING SUMMARIES

NIMITZ HIGHWAY RESURFACING
RODGERS BOULEVARD TO AHUA STREET
FED. AID PROJECT NO. STP-092-1(24)

Scale: As Noted Date: Aug. 2, 1999

SHEET No. C-27 OF 57 SHEETS

DESTINATION SIGN SUMMARY

SIGN NO.	LOCATION	MESSAGE	SIZE	OVERLAY AREA (SQ.FT.)	NEW PANEL AREA (SQ.FT.)	
					W/O POST	W/ POST
D-1	KAM HWY. STA. 160+10± RT.	Airport ←	5'-0"x 4'-0"	20.00		
D-2	NIMITZ HWY. STA. 160+05± RT.	Business District ↗	8'-0"x 3'-6"	28.00		
D-3	NIMITZ HWY. STA. 161+00± RT.	Paiea St. NEXT RIGHT	8'-6"x 3'-6"	29.75		
D-4	NIMITZ HWY. STA. 164+65± RT.	Paiea St. ↗	6'-0"x 3'-6"			21.00
D-5	KAM HWY. STA. 165+50± RT.	Airport NEXT LEFT	7'-6"x 3'-6"			26.25
D-6	NIMITZ HWY. STA. 167+30± RT.	Pearl City ↗ Honolulu ↗ Business District →	9'-0"x 7'-6"	67.50		
D-7	NIMITZ HWY. STA. 168+25± RT.	Business District ↗	8'-0"x 3'-6"	28.00		
D-8	NIMITZ HWY. STA. 168+40± LT.	Camp Catlin Road ←	8'-0"x 4'-0"			32.00
D-8A	KAM HWY. STA. 171+80± LT.	Honolulu ↗ Pearl City →	9'-0"x 4'-6"	40.50		
D-9	NIMITZ HWY. STA. 173+20± RT.	Business District ↗	8'-0"x 3'-6"	28.00		
D-10	NIMITZ HWY. STA. 174+15± RT. (Mauka Service Rd.)	Nimitz Hwy. NEXT LEFT	7'-6"x 3'-6"		26.25	
D-11	NIMITZ HWY. STA. 176+40± RT. (Mauka Service Rd.)	NIMITZ Hwy. ↗	7'-6"x 3'-6"		26.25	
D-12	KAM HWY. STA. 178+10± LT.	Camp Catlin Road →	8'-0"x 4'-0"		32.00	
D-13	NIMITZ HWY. STA. 179+65± RT.	Business District ↗	8'-0"x 3'-6"			28.00
D-14	KAM HWY. STA. 179+70± RT.	AIRPORT ↗	8'-0"x 3'-6"			16.00
D-15	KAM HWY. STA. 179+70± LT.	↗ AIRPORT	8'-0"x 2'-0"			16.00
D-16	NIMITZ HWY. STA. 188+45± RT.	Ohohia St. ↗	5'-0"x 4'-0"		20.00	
D-17	NIMITZ HWY. STA. 191+65± RT. (Mauka Service Rd.)	Pearl City ↗ Honolulu ↗ Business District →	9'-0"x 7'-6"	67.50		
D-18	NIMITZ HWY. STA. 192+60± RT.	Business District ↗	8'-0"x 3'-6"	28.00		
D-19	NIMITZ HWY. STA. 193+95± LT.	Peltier Ave. ←	5'-6"x 4'-0"		22.00	
D-20	KAM HWY. STA. 193+95± RT.	AIRPORT ↗	8'-0"x 2'-0"			16.00
D-21	KAM HWY. STA. 193+95± LT.	↗ AIRPORT	8'-0"x 2'-0"			16.00
D-22	KAM HWY. STA. 198+00± RT.	Ohohia St. ←	5'-0"x 4'x0"	20.00		
D-23	NIMITZ HWY. STA. 200+70± RT.	Business District ↗	8'-0"x 3'-0"	28.00		

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-092-1(24)	2000	29	57

LANCE S. OYAMA
 LICENSED PROFESSIONAL ENGINEER
 NO. 5309-C
 HAWAII, U.S.A.
 James D. Oyama

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

DESTINATION SIGN SUMMARY

NIMITZ HIGHWAY RESURFACING
 RODGERS BOULEVARD TO AHUA STREET
 FED. AID PROJECT NO. STP-092-1(24)

Scale: As Noted Date: Aug. 2, 1999

SHEET No. C-28 OF 57 SHEETS

