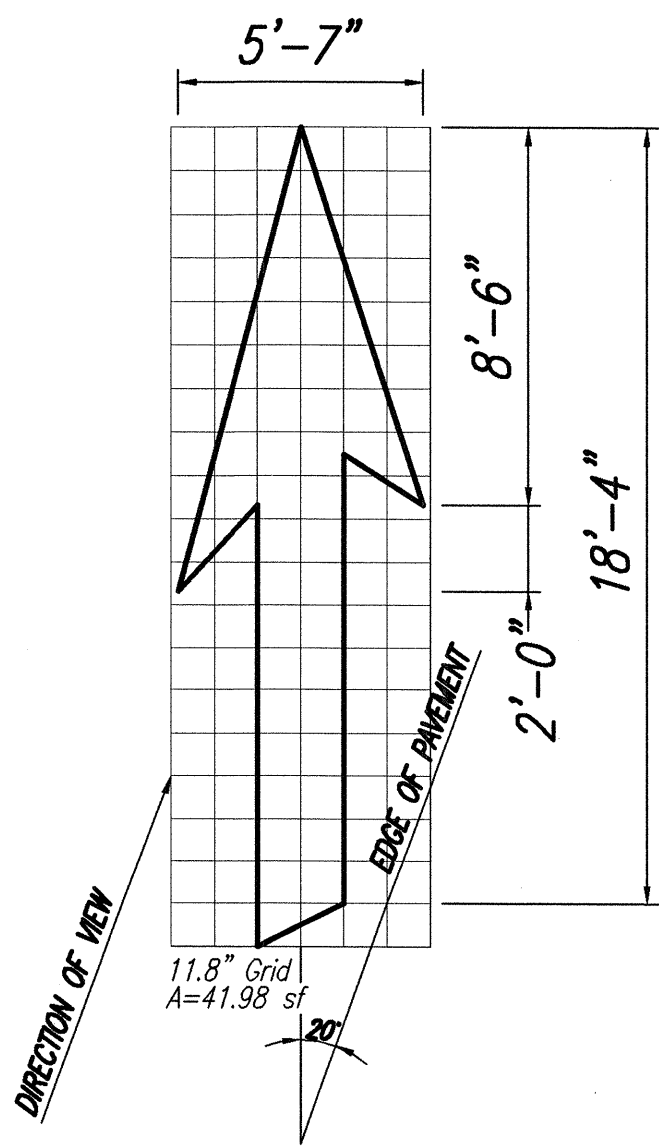


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CM-STP-063-1(21)	2002	137	187

LEGEND

- 4 each Type A Raised Pavement Markers
Type C 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" 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)
- Guideline, 4" Wide x 2'-0" Long White Stripe @ 6' O.C. (Tape, Type III or Thermoplastic Extrusion)
- 12" White Stop Line (Tape, Type III or Thermoplastic Extrusion)
- Pavement Arrow (Tape, Type III or Thermoplastic Extrusion)
- STOP
Pavement Word (Tape, Type III or Thermoplastic Extrusion)



TYPE VI ARROW
RIGHT LANE DROP ARROW (STA. 90+00± TO 94+00)
Not to Scale

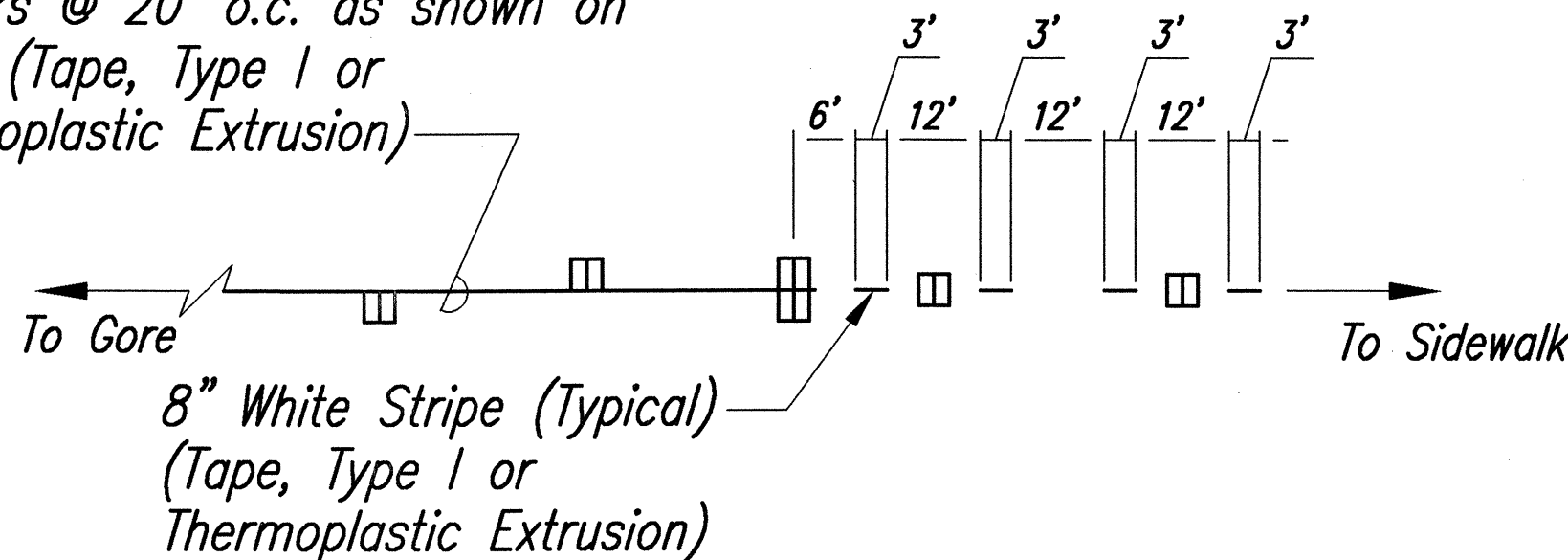
NOTES

- 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.
- 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.
- Sign posts shall be square tube posts (2" or 2 1/2") unless shown on these plans or directed by the Engineer.
- Removal of Existing Delineators and Posts as directed by the Engineer shall be considered incidental to the various signing items.
- 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.
- Backing for all new regulatory and warning signs shall not be spliced.
- All sign panels shall conform to Section 621 of Special Provisions and the latest editions and amendments of the following FHWA publications:
 - "Manual on Uniform Traffic Control Devices for Street and Highways" (MUTCD)
 - "Standard Highway Signs"
 - "Standard Alphabets for Highway Signs"
- All new and relocated signs and markers installed on pipe post or light standard are to be mounted on new square tube posts or on light standard with band brackets and steel braces.
- 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 placed 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.
- 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.

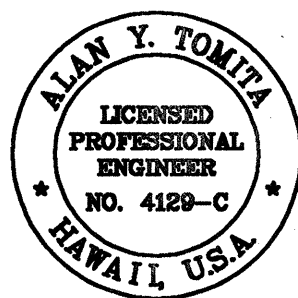
KEY:

- Exist. Sign(s) & Post(s) to Remain
- Remove Exist. Sign(s) w/ Post(s)
- Remove Exist. Sign(s) w/ Post(s) & Install New Sign(s) w/ Post(s)
- Install New Sign(s) w/ Post(s)
- Remove Exist. Sign(s)
- Install New Sign on New Light Standard
- Remove Exist. Sign(s) w/ Post(s) & Relocate
- Remove Exist. Sign(s) & Install New
- Remove Exist. Sign(s) & Reinstall
- Install New Sign on Post(s)
- Install New Marker(s) w/ Post(s)
- Install New Marker(s) on Post(s)
- Install New Marker(s) on Guardrail(s)

8" Solid White Stripe w/ Type C Markers @ 20' o.c. as shown on Plans (Tape, Type I or Thermoplastic Extrusion)



LANE DROP MARKINGS
Not to Scale

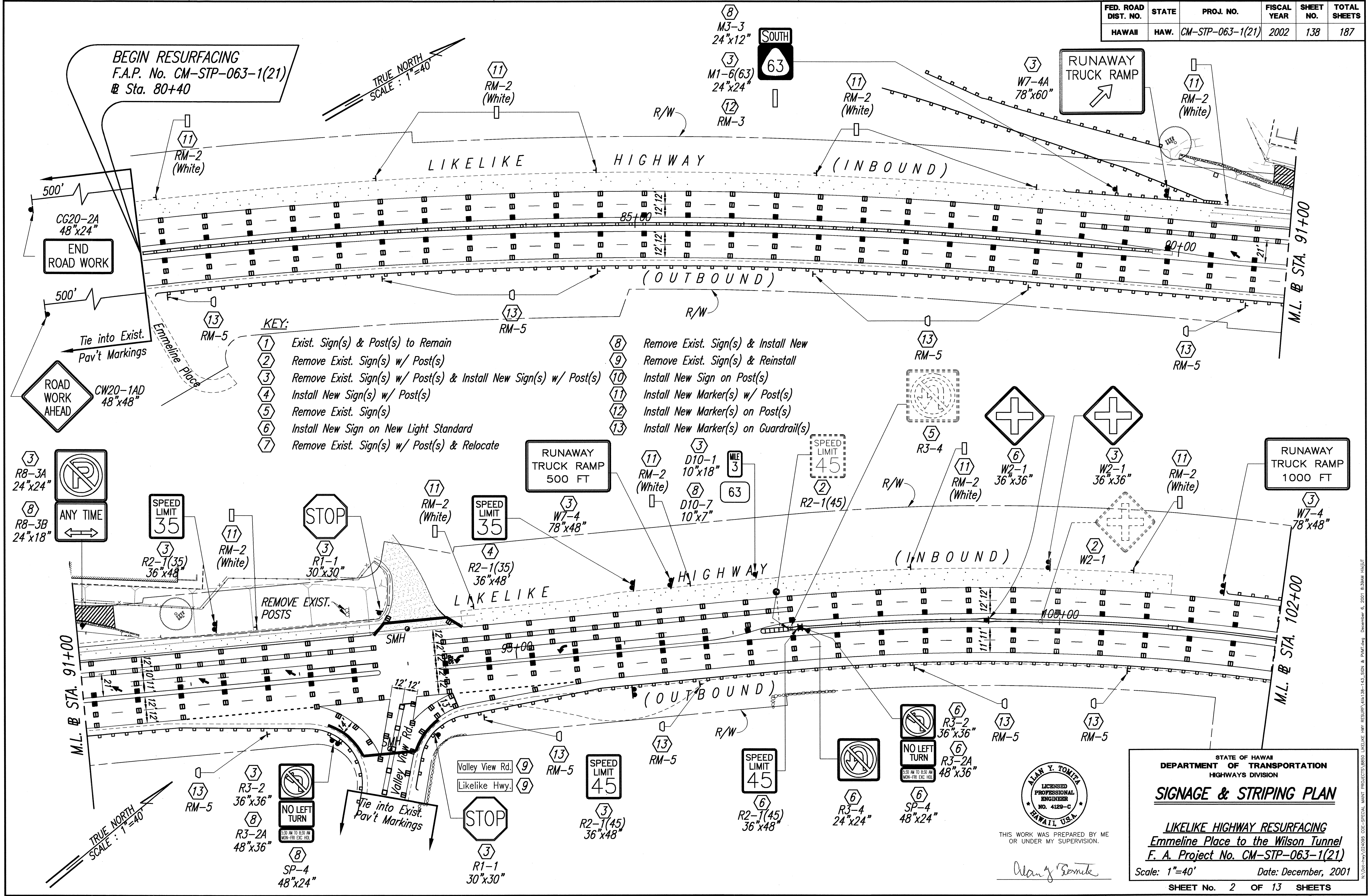


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Alan Y. Tomita

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SIGNAGE & PAVEMENT MARKING
LEGEND & NOTES
LIKELIKE HIGHWAY RESURFACING
Emmeline Place to the Wilson Tunnel
F. A. Project No. CM-STP-063-1(21)
Scale: As Shown Date: December, 2001
SHEET No. 1 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CM-STP-063-1(21)	2002	138	187



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

ALAN Y. TONHA
LICENSED PROFESSIONAL ENGINEER
NO. 4128-C
HAWAII, U.S.A.

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Alan Y. Tonha

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

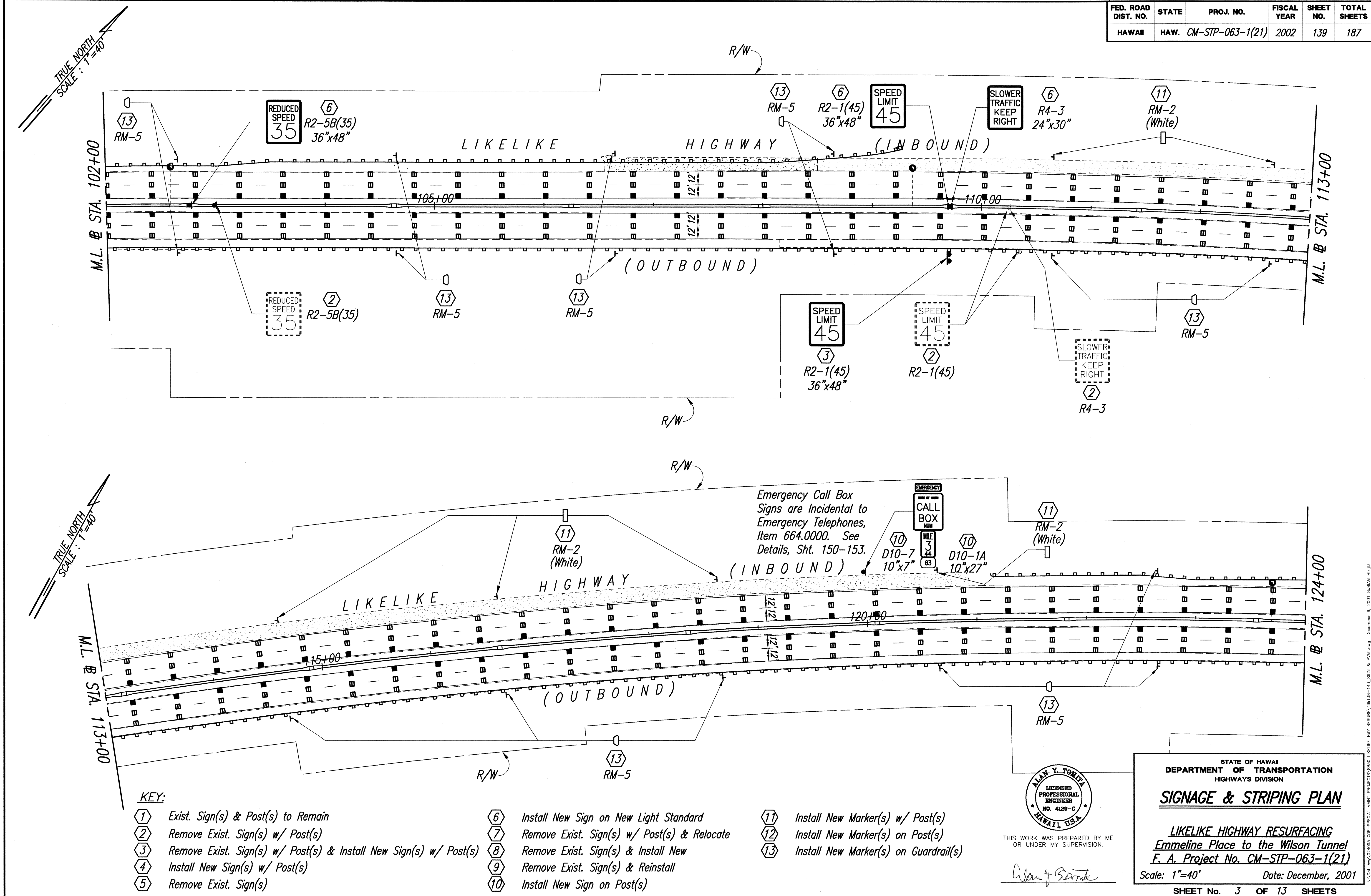
SIGNAGE & STRIPING PLAN

LIKELIKE HIGHWAY RESURFACING
Emmeline Place to the Wilson Tunnel
F. A. Project No. CM-STP-063-1(21)

Scale: 1"=40' Date: December, 2001

SHEET No. 2 OF 13 SHEETS

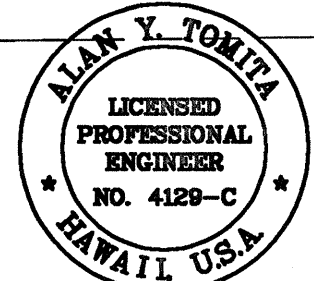
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CM-STP-063-1(21)	2002	139	187



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	CHECKED BY	
	NO.	

- 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 Sign(s) w/ Post(s)
 - 4 Install New Sign(s) w/ Post(s)
 - 5 Remove Exist. Sign(s)
- 6 Install New Sign on New Light Standard
 - 7 Remove Exist. Sign(s) w/ Post(s) & Relocate
 - 8 Remove Exist. Sign(s) & Install New
 - 9 Remove Exist. Sign(s) & Reinstall
 - 10 Install New Sign on Post(s)
- 11 Install New Marker(s) w/ Post(s)
 - 12 Install New Marker(s) on Post(s)
 - 13 Install New Marker(s) on Guardrail(s)


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Alan Y. Tomita

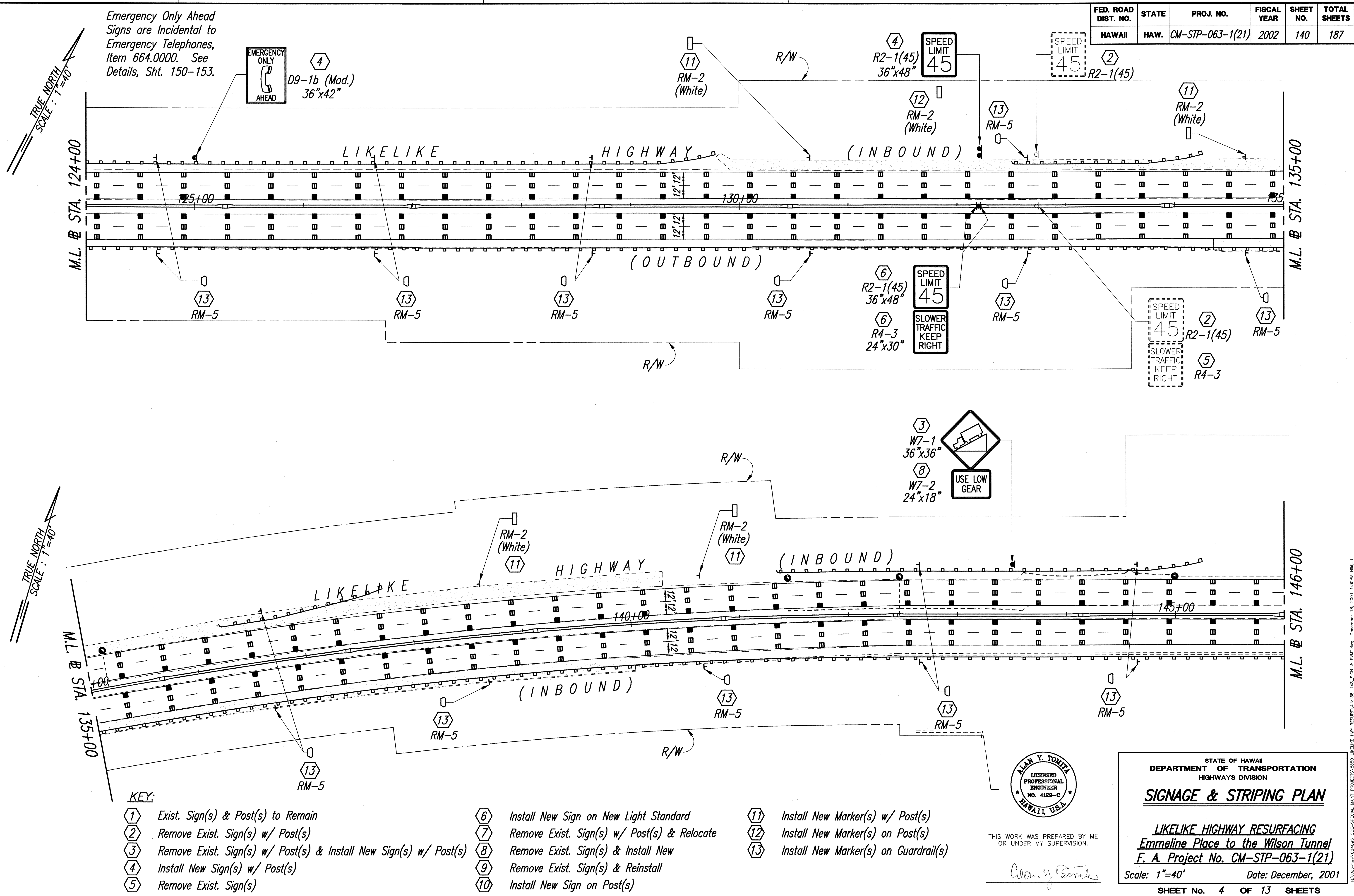
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

SIGNAGE & STRIPING PLAN

LIKELIKE HIGHWAY RESURFACING
Emmeline Place to the Wilson Tunnel
F. A. Project No. CM-STP-063-1(21)
 Scale: 1"=40' Date: December, 2001

SHEET No. 3 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CM-STP-063-1(21)	2002	140	187



SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	No.
NOTE BOOK	

- 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 Sign(s) w/ Post(s)
 - 4 Install New Sign(s) w/ Post(s)
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 - 6 Install New Sign on New Light Standard
 - 7 Remove Exist. Sign(s) w/ Post(s) & Relocate
 - 8 Remove Exist. Sign(s) & Install New
 - 9 Remove Exist. Sign(s) & Reinstall
 - 10 Install New Sign on Post(s)
 - 11 Install New Marker(s) w/ Post(s)
 - 12 Install New Marker(s) on Post(s)
 - 13 Install New Marker(s) on Guardrail(s)

ALAN Y. TOMITA
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NO. 4129-C
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Alan Y. Tomita

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

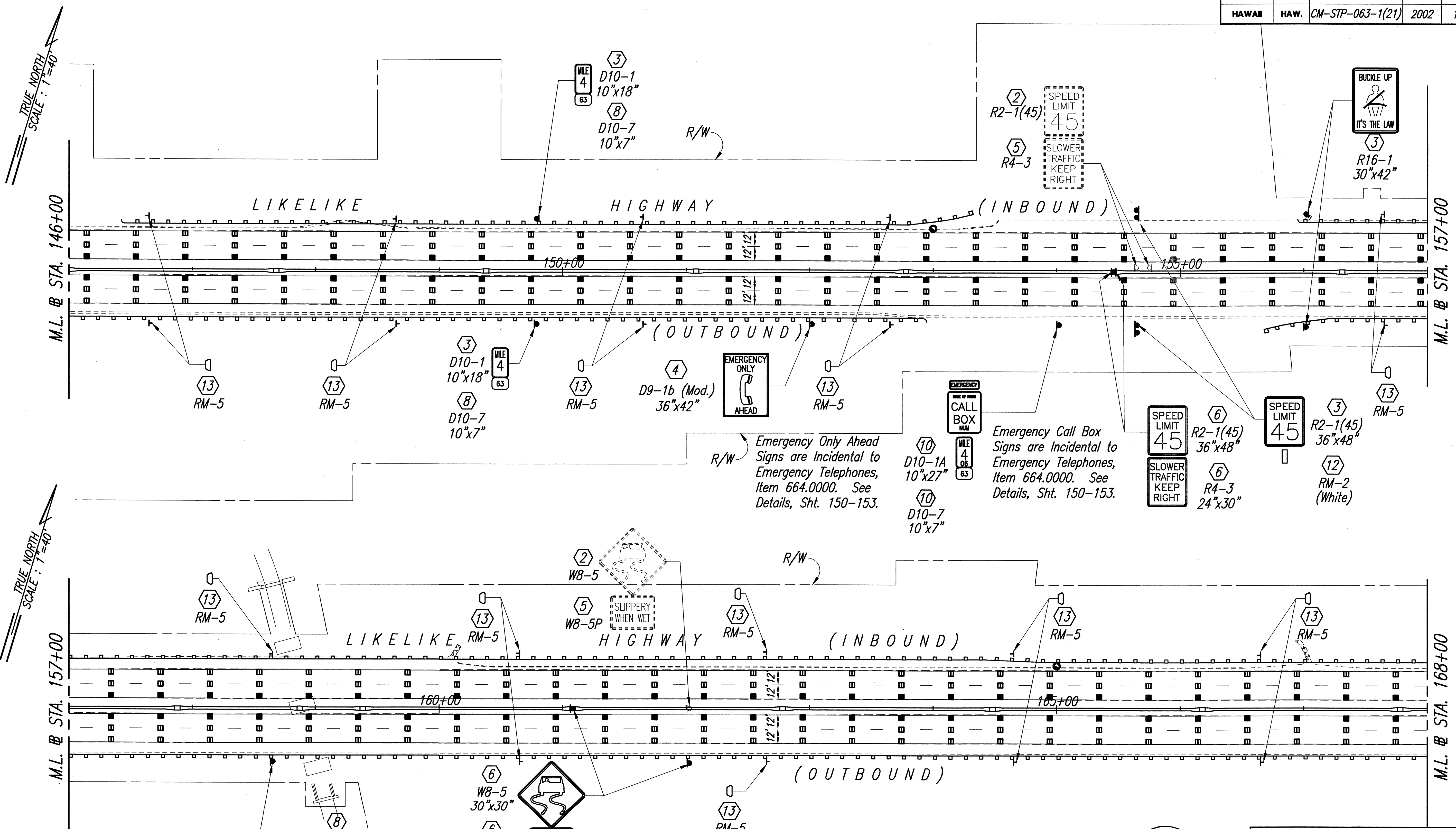
SIGNAGE & STRIPING PLAN

LIKELIKE HIGHWAY RESURFACING
Emmeline Place to the Wilson Tunnel
F. A. Project No. CM-STP-063-1(21)

Scale: 1"=40' Date: December, 2001

SHEET No. 4 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CM-STP-063-1(21)	2002	141	187



SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	No.
NOTE BOOK	

- 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 Sign(s) w/ Post(s)
 - 4 Install New Sign(s) w/ Post(s)
 - 5 Remove Exist. Sign(s)
- 6 Install New Sign on New Light Standard

7 Remove Exist. Sign(s) w/ Post(s) & Relocate

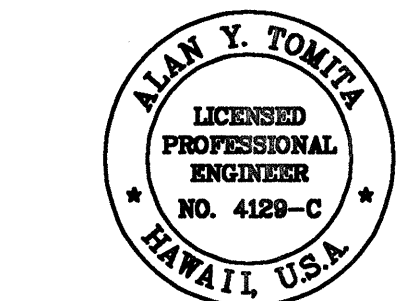
8 Remove Exist. Sign(s) & Install New

9 Remove Exist. Sign(s) & Reinstall

10 Install New Sign on Post(s)
- 11 Install New Marker(s) w/ Post(s)

12 Install New Marker(s) on Post(s)

13 Install New Marker(s) on Guardrail(s)



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

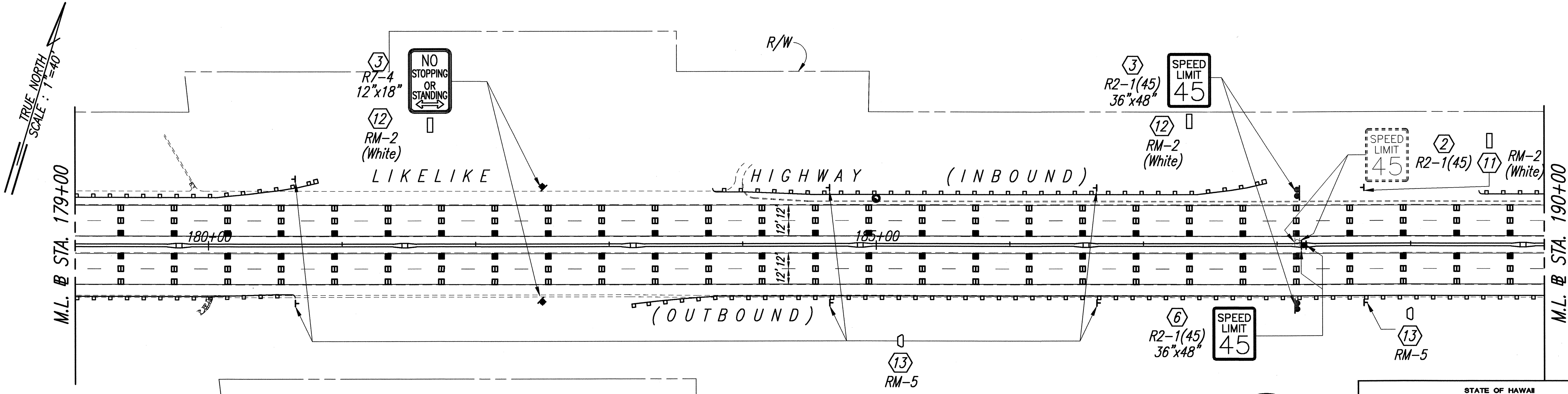
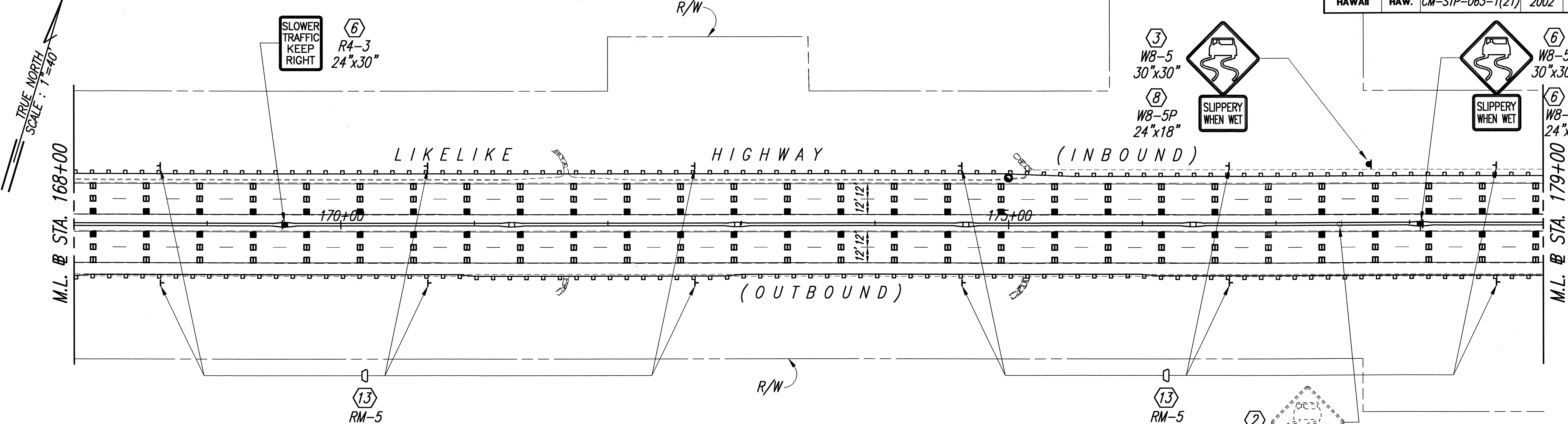
SIGNAGE & STRIPING PLAN

LIKELIKE HIGHWAY RESURFACING
Emmeline Place to the Wilson Tunnel
E. A. Project No. CM-STP-063-1(21)

Scale: 1"=40' Date: December, 2001

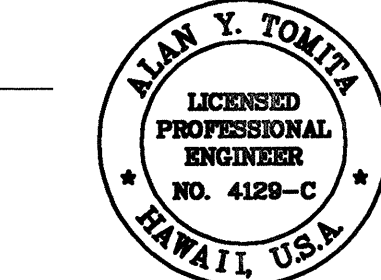
SHEET No. 5 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CM-STP-063-1(21)	2002	142	187



- 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 Sign(s) w/ Post(s)
 - 4 Install New Sign(s) w/ Post(s)
 - 5 Remove Exist. Sign(s)
 - 6 Install New Sign on New Light Standard
 - 7 Remove Exist. Sign(s) w/ Post(s) & Relocate
 - 8 Remove Exist. Sign(s) & Install New
 - 9 Remove Exist. Sign(s) & Reinstall
 - 10 Install New Sign on Post(s)
 - 11 Install New Marker(s) w/ Post(s)
 - 12 Install New Marker(s) on Post(s)
 - 13 Install New Marker(s) on Guardrail(s)



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNAGE & STRIPING PLAN

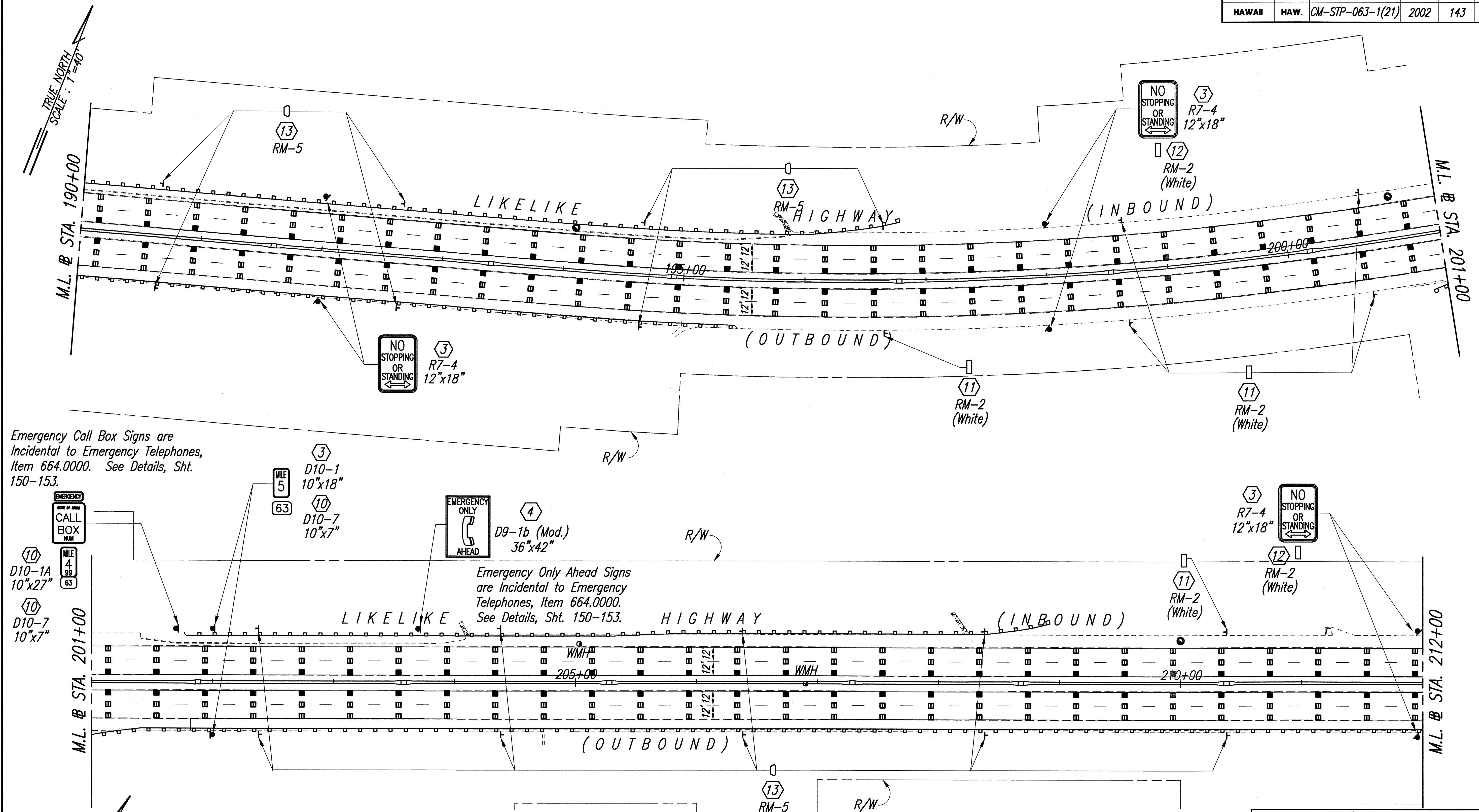
LIKELIKE HIGHWAY RESURFACING
Emmeline Place to the Wilson Tunnel
F. A. Project No. CM-STP-063-1(21)

Scale: 1"=40' Date: December, 2001

SHEET No. 6 OF 13 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	" "
	DESIGNED BY	" "
	QUANTITIES BY	" "
NOTE BOOK	CHECKED BY	" "
	No.	" "

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CM-STP-063-1(21)	2002	143	187

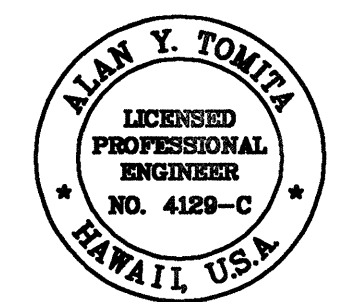


Emergency Call Box Signs are
Incidental to Emergency Telephones,
Item 664.0000. See Details, Sht.
150-153.

Emergency Only Ahead Signs
are Incidental to Emergency
Telephones, Item 664.0000.
See Details, Sht. 150-153.

KEY:

- | | | | | | |
|---|---|---|---|---|---------------------------------------|
| ① | Exist. Sign(s) & Post(s) to Remain | ⑥ | Install New Sign on New Light Standard | ⑪ | Install New Marker(s) w/ Post(s) |
| ② | Remove Exist. Sign(s) w/ Post(s) | ⑦ | Remove Exist. Sign(s) w/ Post(s) & Relocate | ⑫ | Install New Marker(s) on Post(s) |
| ③ | Remove Exist. Sign(s) w/ Post(s) & Install New Sign(s) w/ Post(s) | ⑧ | Remove Exist. Sign(s) & Install New | ⑬ | Install New Marker(s) on Guardrail(s) |
| ④ | Install New Sign(s) w/ Post(s) | ⑨ | Remove Exist. Sign(s) & Reinstall | | |
| ⑤ | Remove Exist. Sign(s) | ⑩ | Install New Sign on Post(s) | | |



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

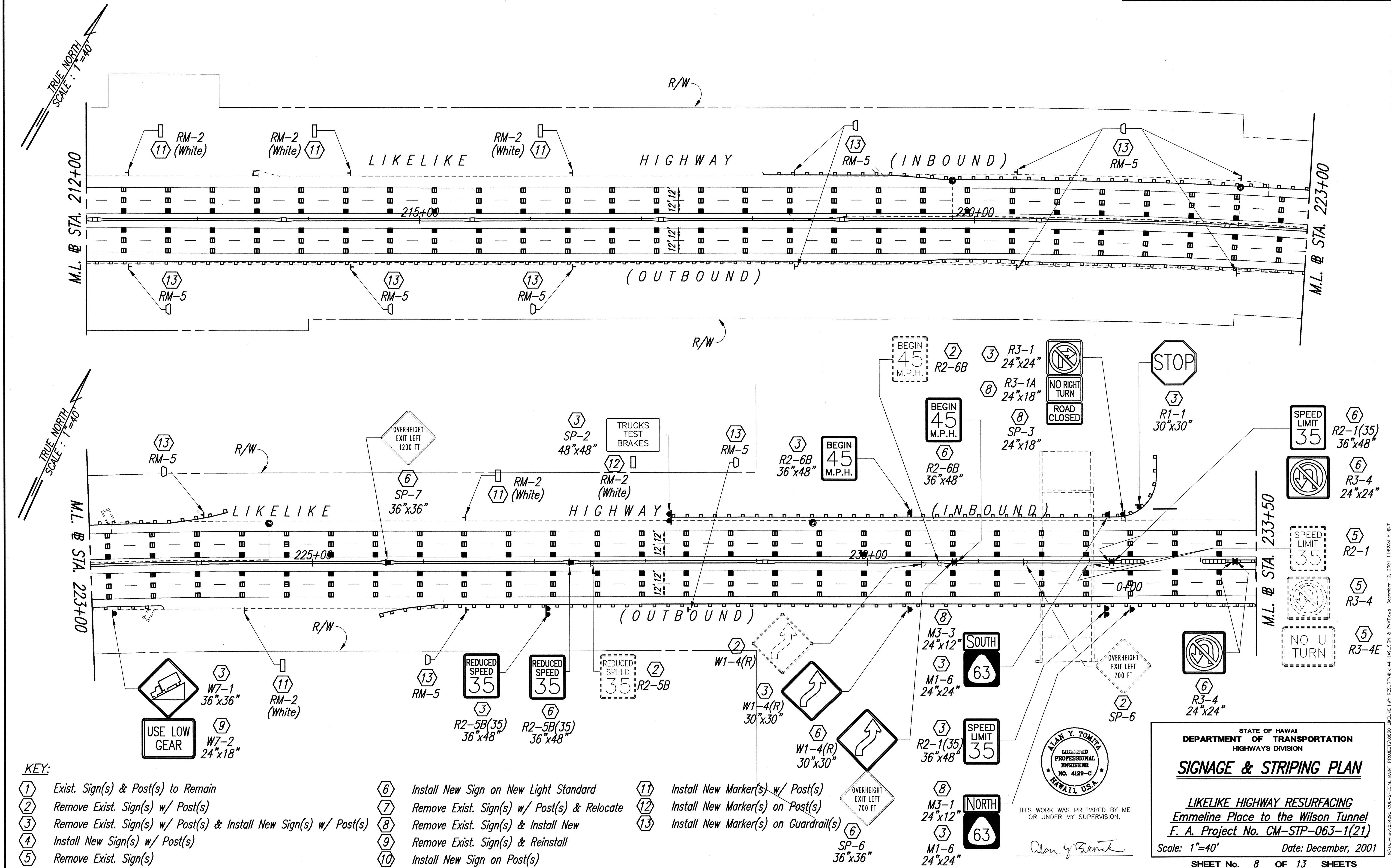
SIGNAGE & STRIPING PLAN

LIKELIKE HIGHWAY RESURFACING
Emmeline Place to the Wilson Tunnel
F. A. Project No. CM-STP-063-1(21)

Scale: 1"=40' Date: December, 2001

SHEET No. 7 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CM-STP-063-1(21)	2002	144	187



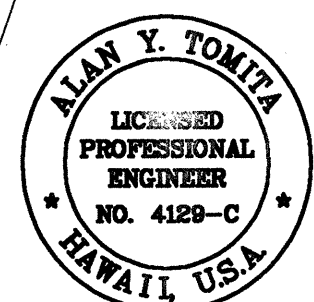
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

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 Sign(s) w/ Post(s)
- 4 Install New Sign(s) w/ Post(s)
- 5 Remove Exist. Sign(s)

- 6 Install New Sign on New Light Standard
- 7 Remove Exist. Sign(s) w/ Post(s) & Relocate
- 8 Remove Exist. Sign(s) & Install New
- 9 Remove Exist. Sign(s) & Reinstall
- 10 Install New Sign on Post(s)

- 11 Install New Marker(s) w/ Post(s)
- 12 Install New Marker(s) on Post(s)
- 13 Install New Marker(s) on Guardrail(s)



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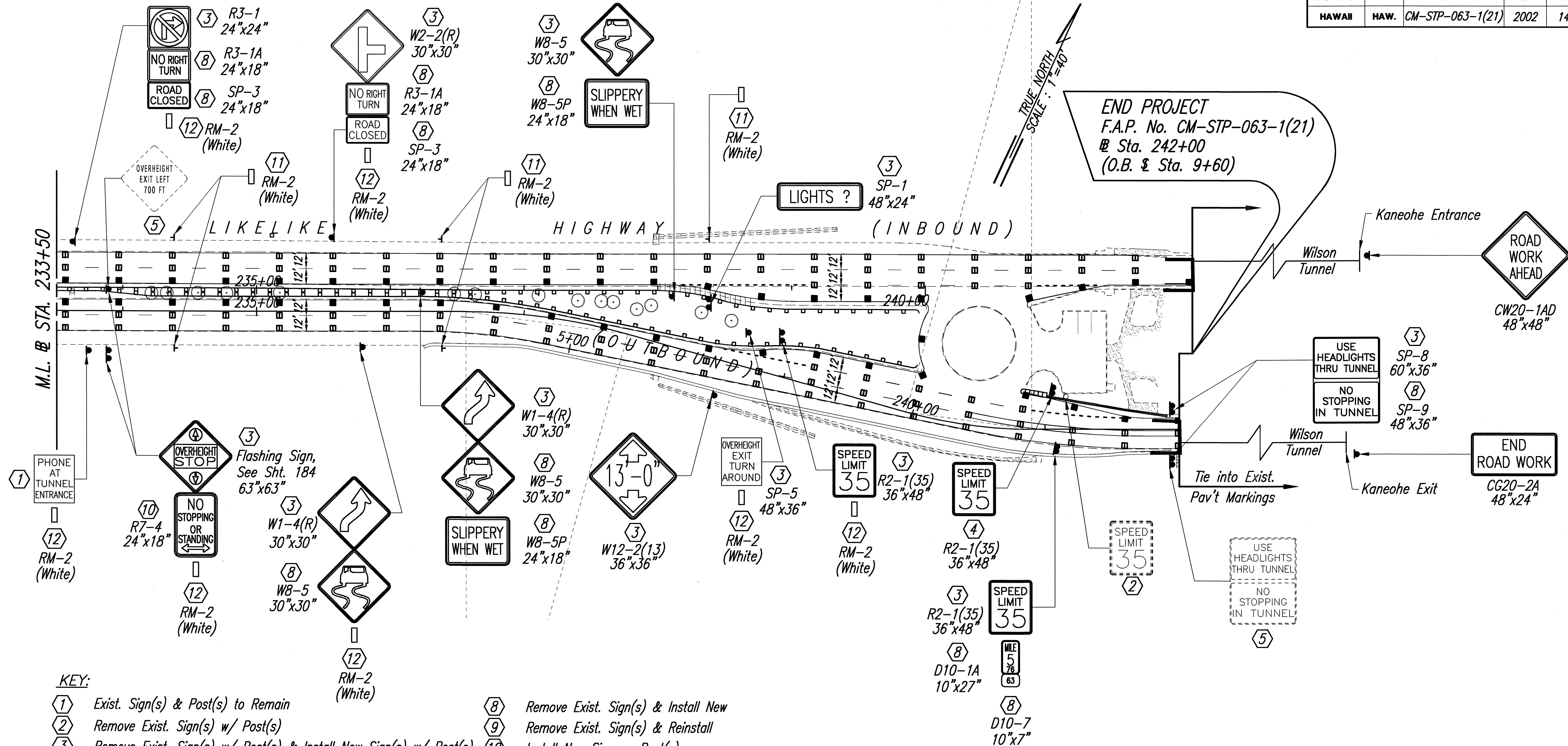
Alan Y. Tomita

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

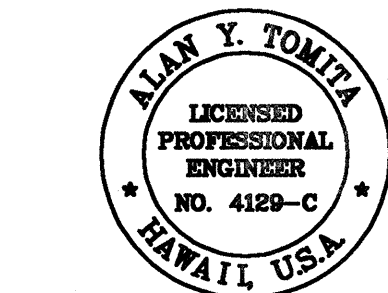
SIGNAGE & STRIPING PLAN

LIKELIKE HIGHWAY RESURFACING
Emmeline Place to the Wilson Tunnel
F. A. Project No. CM-STP-063-1(21)
Scale: 1"=40' Date: December, 2001
SHEET No. 8 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CM-STP-063-1(21)	2002	145	187



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



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Alan Y. Tomita

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNAGE & STRIPING PLAN

LIKIE HIGHWAY RESURFACING
Emmeline Place to the Wilson Tunnel
F. A. Project No. CM-STP-063-1(21)

Scale: 1"=40' Date: December, 2001

SHEET No. 9 OF 13 SHEETS

LOCATION	SIGN NO. AND MESSAGE	QUANTITY	
		W/POST	W/O POST
℄ STA. 97+25± I.B.	D10-1(3)/D10-7(63)	1	
℄ STA. 120+00± I.B.	D10-1A(3/44)/D10-7(63)		1
℄ STA. 149+79± I.B.&O.B.	D10-1(4)/D10-7(63)	2	
℄ STA. 154+00± O.B.	D10-1A(4/06)/D10-7(63)		1
℄ STA. 201+70± I.B.	D10-1A(4/99)/D10-7(63)		1
℄ STA. 202+00± I.B.&O.B.	D10-1(5)/D10-7(63)	2	
℄ STA. 241+16± O.B.	D10-1A(5/76)/D10-7(63)		1
TOTAL		5	4

PAVEMENT MARKING SUMMARY	
DESCRIPTION	QUANTITY
PAVEMENT MARKERS	
TYPE A _____	3,180 EA.
TYPE C _____	1,681 EA.
TYPE D _____	5 EA.
TYPE DB _____	0 EA.
TYPE H _____	806 EA.
TAPE - TYPE I OR THERMOPLASTIC EXTRUSION	
4-INCH PAVEMENT STRIPE (WHITE) _____	241 L.F.
8-INCH PAVEMENT STRIPE (WHITE) _____	283 L.F.
DOUBLE 4-INCH PAVEMENT STRIPE (WHITE) _____	941 L.F.
DOUBLE 4-INCH PAVEMENT STRIPE (YELLOW) _____	86 L.F.
TAPE - TYPE II OR THERMOPLASTIC EXTRUSION	
4-INCH PAVEMENT STRIPE (WHITE) _____	32,769 L.F.
4-INCH PAVEMENT STRIPE (YELLOW) _____	32,164 L.F.
12-INCH PAVEMENT STRIPE (WHITE) _____	0 L.F.
TAPE - TYPE III OR THERMOPLASTIC EXTRUSION	
4-INCH PAVEMENT STRIPE (WHITE) _____	96 L.F.
12-INCH PAVEMENT STRIPE (WHITE) _____	85 L.F.
PAVEMENT ARROW _____	6 EA.
CROSSWALK MARKINGS _____	0 LANES
"STOP" LETTERS _____	1 EA.

ROUTE MARKER SUMMARY					
LOCATION	SIGN NO. AND MESSAGE	TYPE A ASSEMBLY		TYPE B ASSEMBLY	
		W/POSTS	W/O POSTS	W/POSTS	W/O POSTS
Ⓐ STA. 89+39± I.B.	M1-6(63)/M3-3 (South)	1			
Ⓐ STA. 158+50± O.B.	M1-6(63)/M3-1 (North)	1			
Ⓐ STA. 232+00± I.B.	M1-6(63)/M3-3 (South)	1			
Ⓐ STA. 232+00± O.B.	M1-6(63)/M3-1 (North)	1			
TOTAL		4	—	—	—

REFLECTOR MARKER SUMMARY				
TYPE	QUANTITY			
	W/O POST		W/STEEL POST	
	YELLOW	WHITE	YELLOW	WHITE
RM-2		20		38
RM-3	1			
RM-5		111		
TOTAL	1	131	-	38

ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
NOTE BOOK	DRAWN BY _____	_____
	TRACED BY _____	_____
	DESIGNED BY _____	_____
	QUANTITIES BY _____	_____
No. _____	CHECKED BY _____	_____



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OR UNDER MY SUPERVISION.

Clancy Grooms

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC SUMMARIES

LIKELIKE HIGHWAY RESURFACING
Emmeline Place to the Wilson Tunnel
F. A. Project No. CM-STP-063-1(21)

Scale: As Shown Date: December, 2001

SHEET No. 10 OF 13 SHEETS

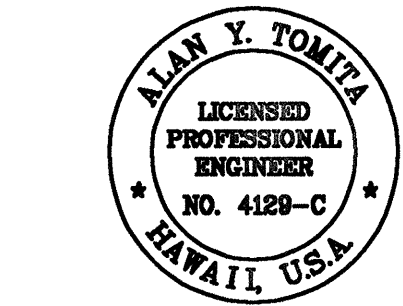
N:\Dot-hwy\024095 COE-SPECIAL MAINT PROJECTS\4lik144-149_SIGN & PVM.T.dwg December 12, 2001 11:52AM Hikijit

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CM-STP-063-1(21)	2002	147	187

SPECIAL SIGN SUMMARY							
SIGN NO.	LOCATION	MESSAGE	SIZE	OVERLAY AREA (SQ. FT.)	QUANTITY		
					W/O POSTS	W/ POSTS	ON LP
SP-1	STA. 238+39.97±	LIGHTS?	4'-0" x 2'-0"	8		1	
SP-2	STA. 228+23.09±	TRUCKS TEST BRAKES	4'-0" x 4'-0"	16		1	
SP-3	STA. 232+32.64±	ROAD CLOSED	2'-0" x 1'-6"	3	1		
SP-3	STA. 233+63.78±	ROAD CLOSED	2'-0" x 1'-6"	3	1		
SP-3	STA. 235+57.90±	ROAD CLOSED	2'-0" x 1'-6"	3	1		
SP-4	STA. 93+27.18±	5:30 AM TO 8:30 AM MON-FRI EXC HOL	4'-0" x 2'-0"	8	1		
SP-4	STA. 97+63.61±	5:30 AM TO 8:30 AM MON-FRI EXC HOL	4'-0" x 2'-0"	8			1
SP-5	STA. 238+64.86±	OVERHEIGHT EXIT TURN AROUND	4'-0" x 3'-0"	12		1	
SP-6	STA. 231+40.44±	OVERHEIGHT EXIT LEFT 700 FT	3'-0" x 3'-0"	9			1
SP-7	STA. 226+15.18±	OVERHEIGHT EXIT LEFT 1200 FT	3'-0" x 3'-0"	9			1
SP-8	STA. 241+93.32±	USE HEADLIGHTS THRU TUNNEL	5'-0" x 3'-0"	15		1	
SP-8	STA. 241+93.32±	USE HEADLIGHTS THRU TUNNEL	5'-0" x 3'-0"	15		1	
SP-9	STA. 241+93.32±	NO STOPPING IN TUNNEL	4'-0" x 3'-0"	12	1		
SP-9	STA. 241+93.32±	NO STOPPING IN TUNNEL	4'-0" x 3'-0"	12	1		
			TOTAL	133	6	5	3

CONSTRUCTION SIGN SUMMARY				
SIGN NO.	LOCATION	MESSAGE	QUANTITY	
			W/POST	W/O POST
CG20-2A	STA. 75+40±	END ROAD WORK	1	
CW20-1AD	STA. 75+40±	ROAD WORK AHEAD	1	
CG20-2A	STA. 3+50±	END ROAD WORK	1	
CW20-1AD	STA. 3+50±	ROAD WORK AHEAD	1	
		TOTAL	4	0

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	CHECKED BY	
No.		



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Wang Bome

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

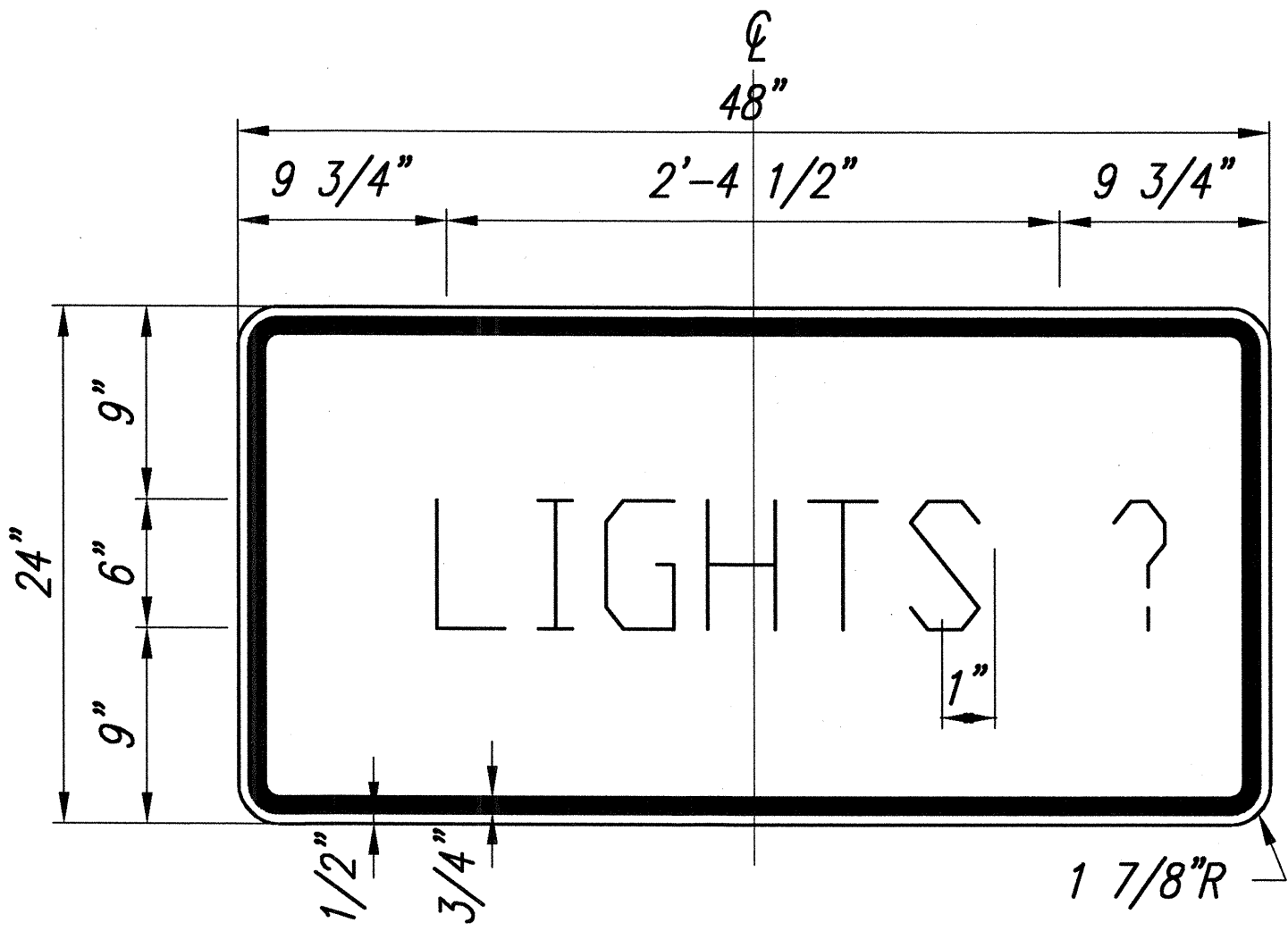
TRAFFIC SUMMARIES

LIKELIKE HIGHWAY RESURFACING
Emmeline Place to the Wilson Tunnel
F. A. Project No. CM-STP-063-1(21)

Scale: As Shown Date: December, 2001

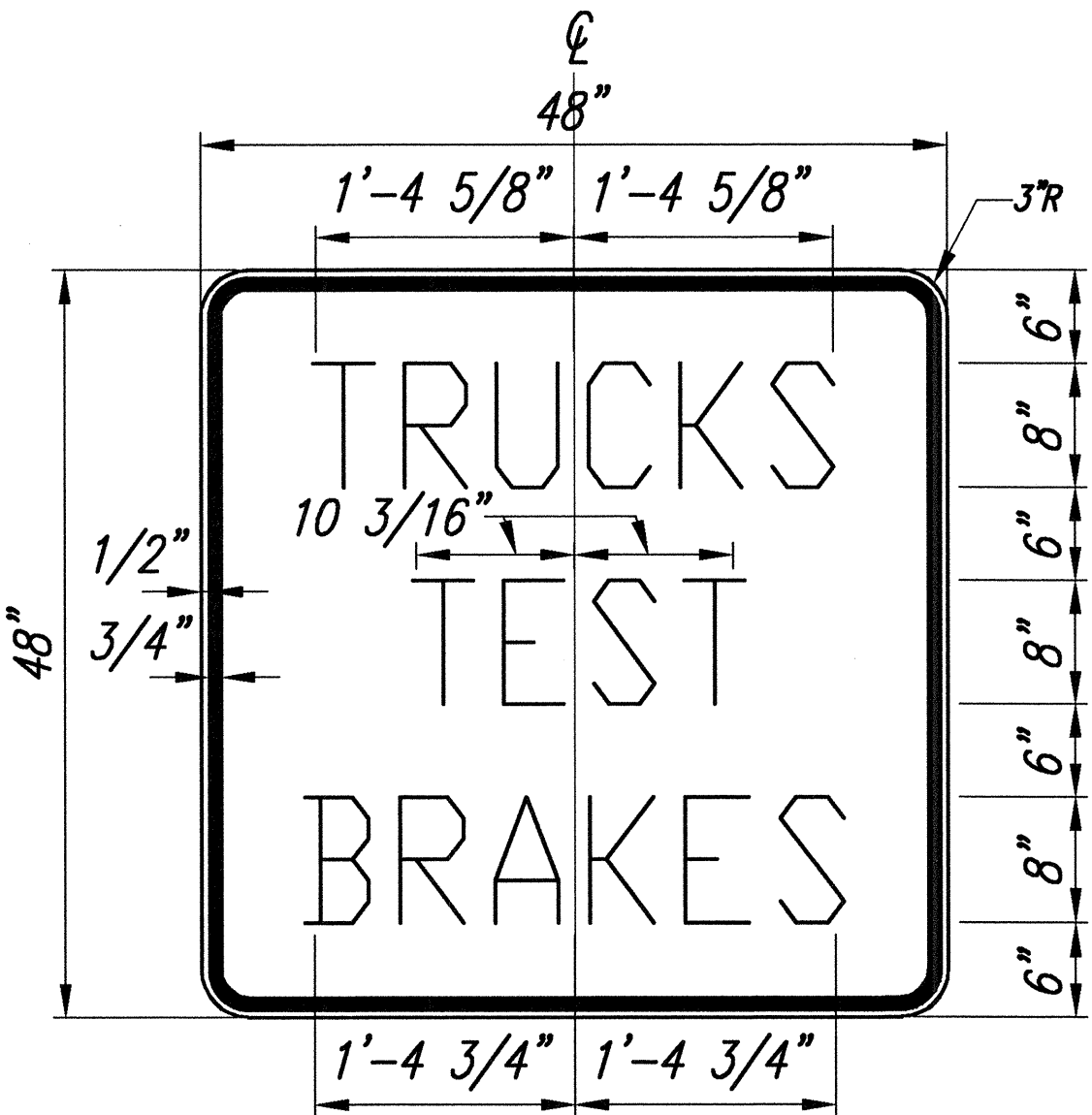
SHEET No. 11 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CM-STP-063-1(21)	2002	148	187



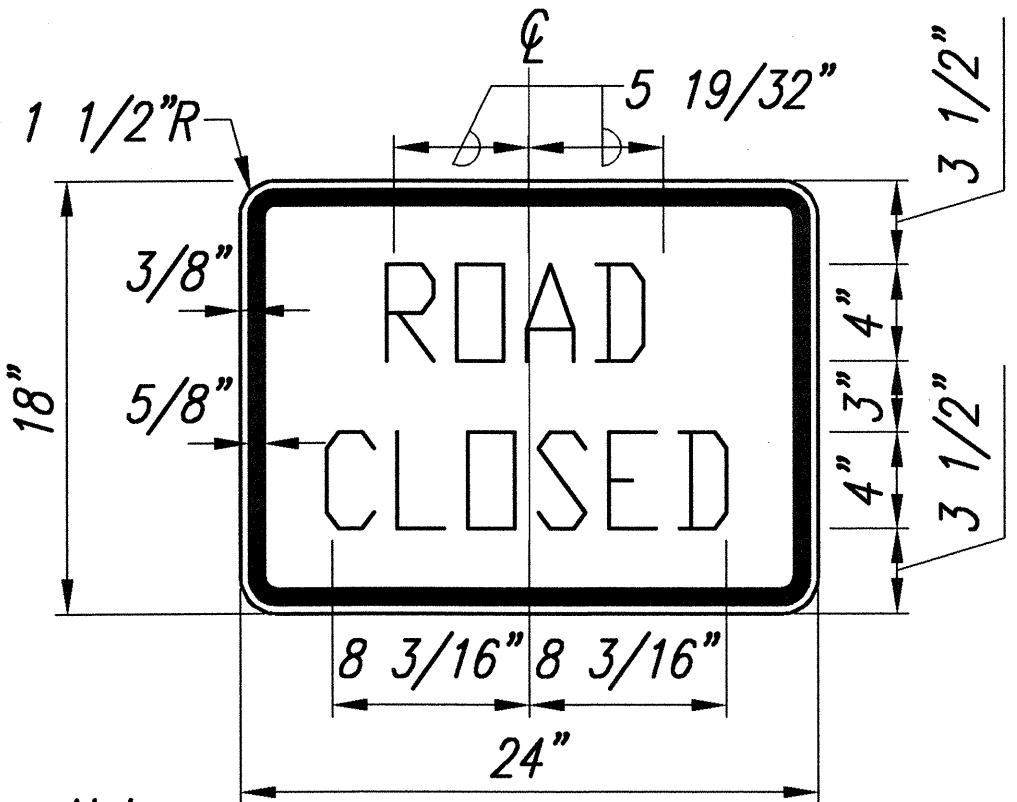
- Note:
1. The Lettering For This Sign is 6" Series C.
 2. Background Color Shall Be White.

SIGN SP-1



- Note:
1. The Lettering For This Sign is 8" Series C.
 2. Background Color Shall Be Yellow.

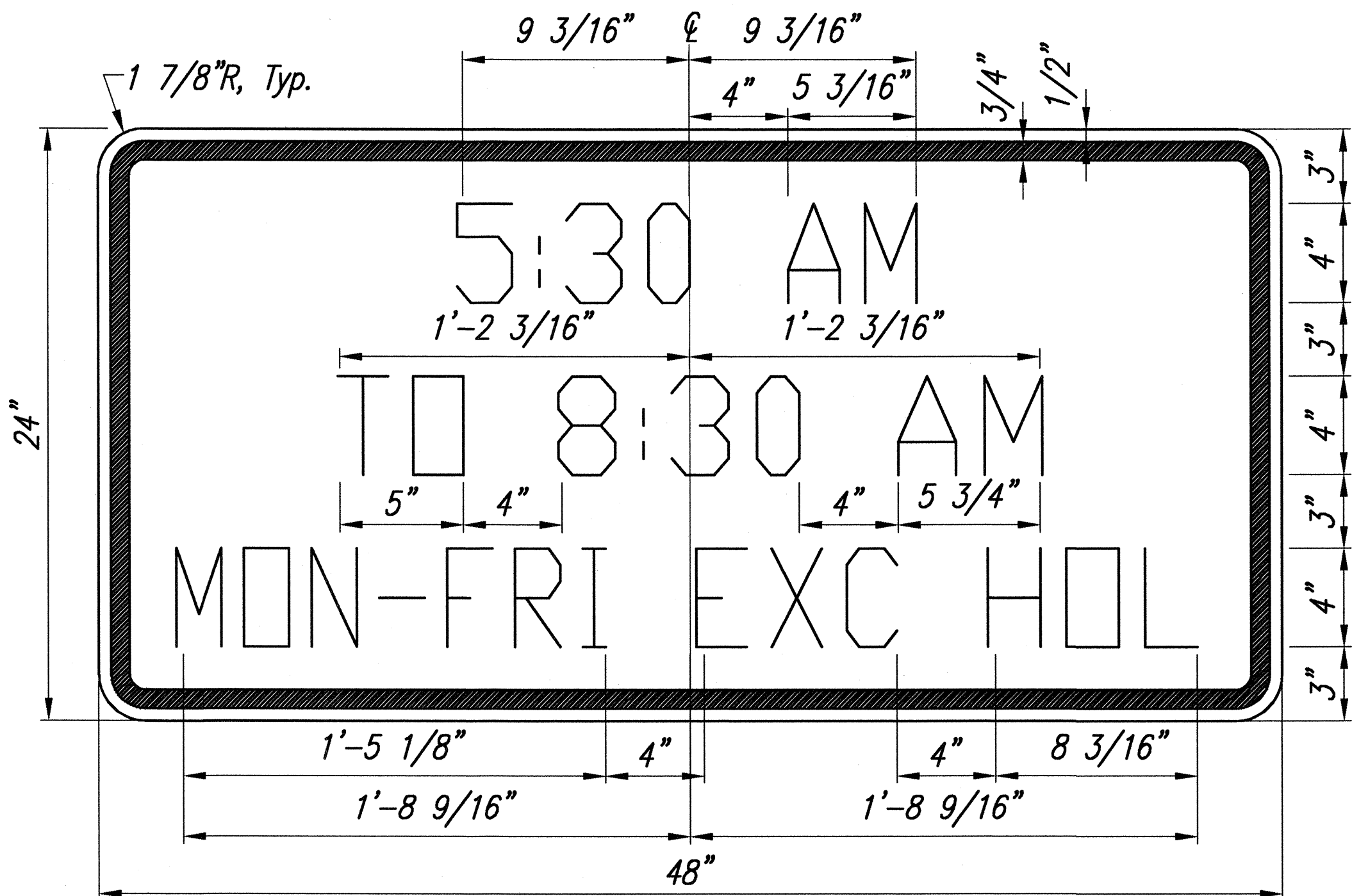
SIGN SP-2



- Note:
1. The Lettering For This Sign is 4" Series C.
 2. Background Color Shall Be Yellow.

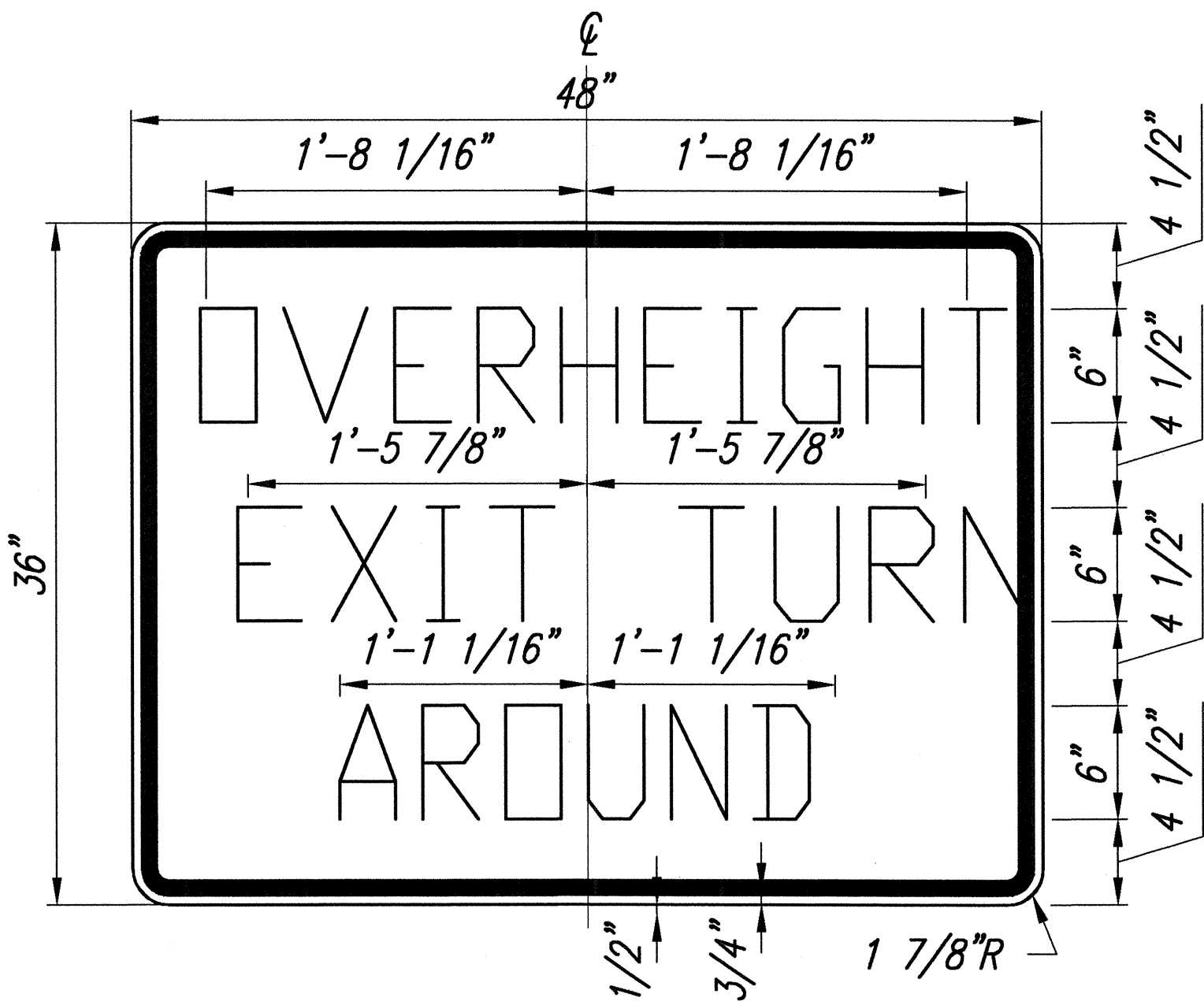
SIGN SP-3

- Notes:
1. Sign message shall be lettered according to "Standard Alphabets for Highway Signs," Bureau of Public Roads, 1966.
 2. Letters, symbols and borders shall be demountable aluminum cut-outs with white reflective sheeting and shall be fastened to the sign panel with blind rivets.
 3. Background shall be reflectorized sheeting colored as noted.
 4. Street name signs shall conform to the latest FHWA publications: "Manual on Uniform Traffic Control Devices for Streets & Highways" and as amended & "Standard Alphabets for Highway Signs".
 5. Letters: As Noted
Color: Letters }
Borders } Black Unless Otherwise Noted
Arrows }
 - Sign Panel: 0.100" TH. Sheet Aluminum.
 6. If splicing of Sign Panel is necessary, contractor shall submit splice details to Engineer for approval.



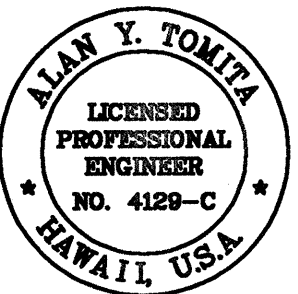
- Note:
1. The Lettering For This Sign is 4" Series C.
 2. Background Color Shall Be White.

SIGN SP-4



- Note:
1. The Lettering For This Sign is 6" Series C.
 2. Background Color Shall Be Yellow.

SIGN SP-5



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.

Alan Y. Tompa

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

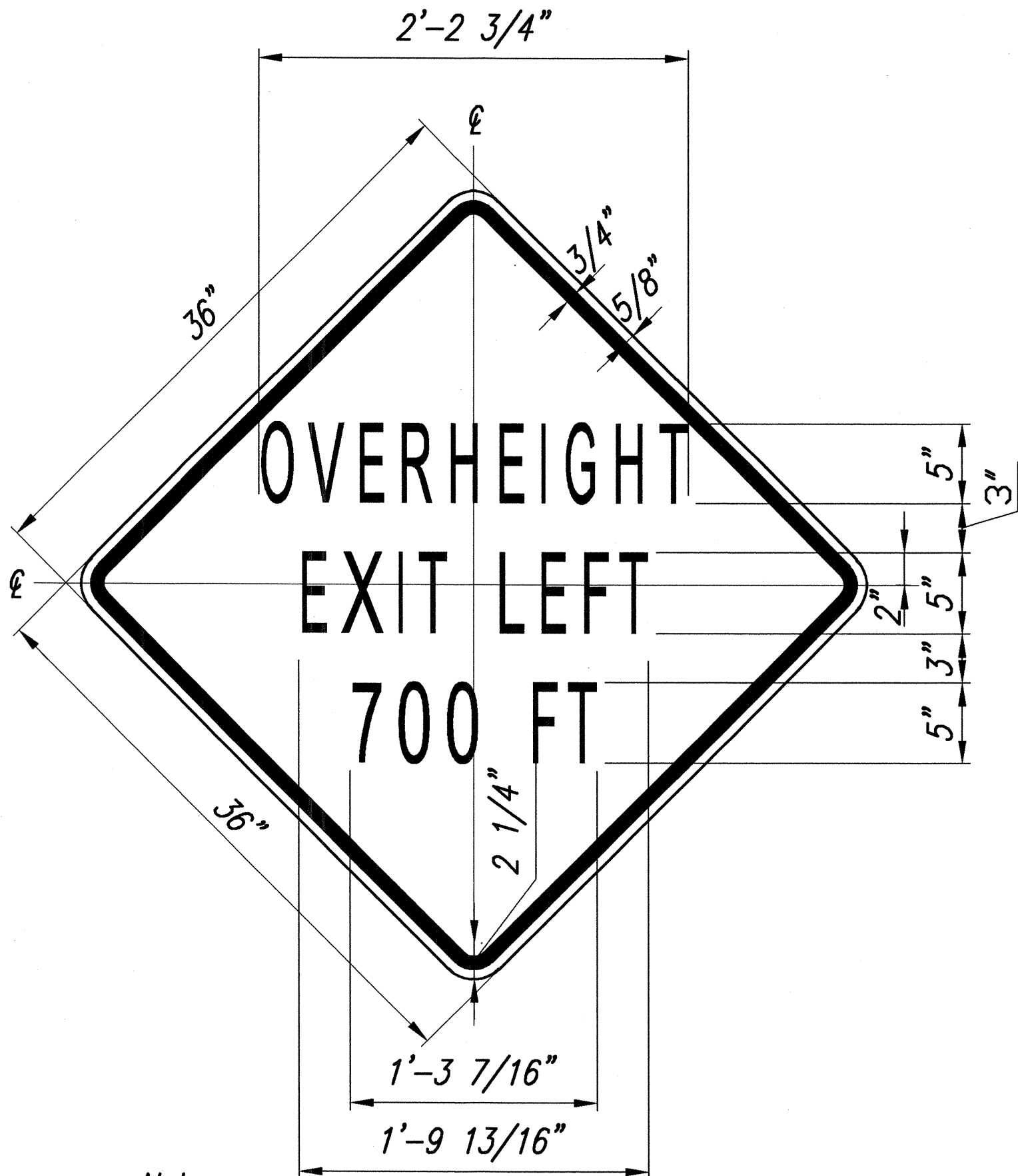
SIGN NOTES & DETAILS

LIKELIKE HIGHWAY RESURFACING
Emmeline Place to the Wilson Tunnel
F. A. Project No. CM-STP-063-1(21)
Scale: Not to Scale Date: December, 2001

SHEET No. 12 OF 13 SHEETS

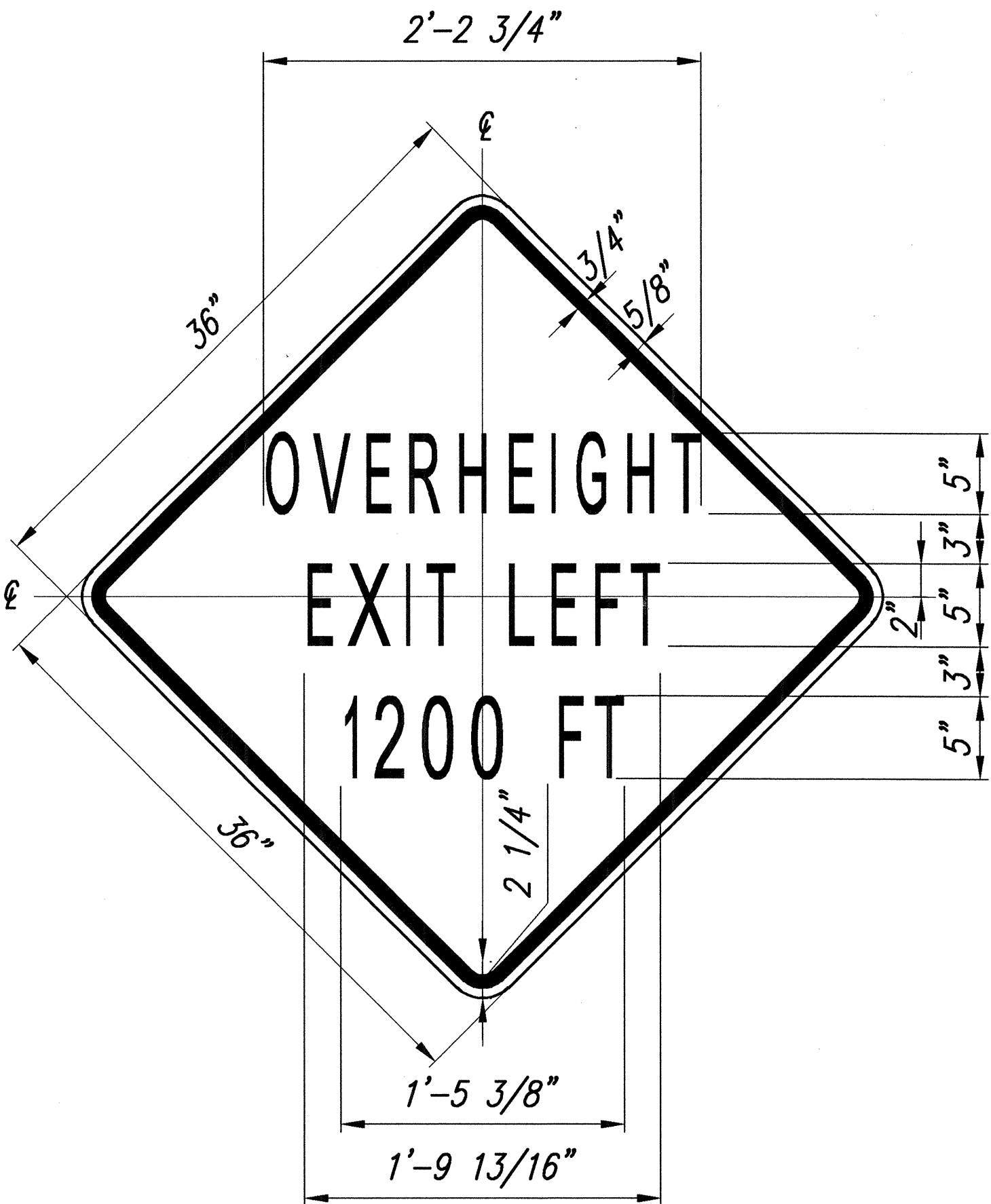
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	" "
	DESIGNED BY	" "
	QUANTITIES BY	" "
	CHECKED BY	" "
No.		

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CM-STP-063-1(21)	2002	149	187



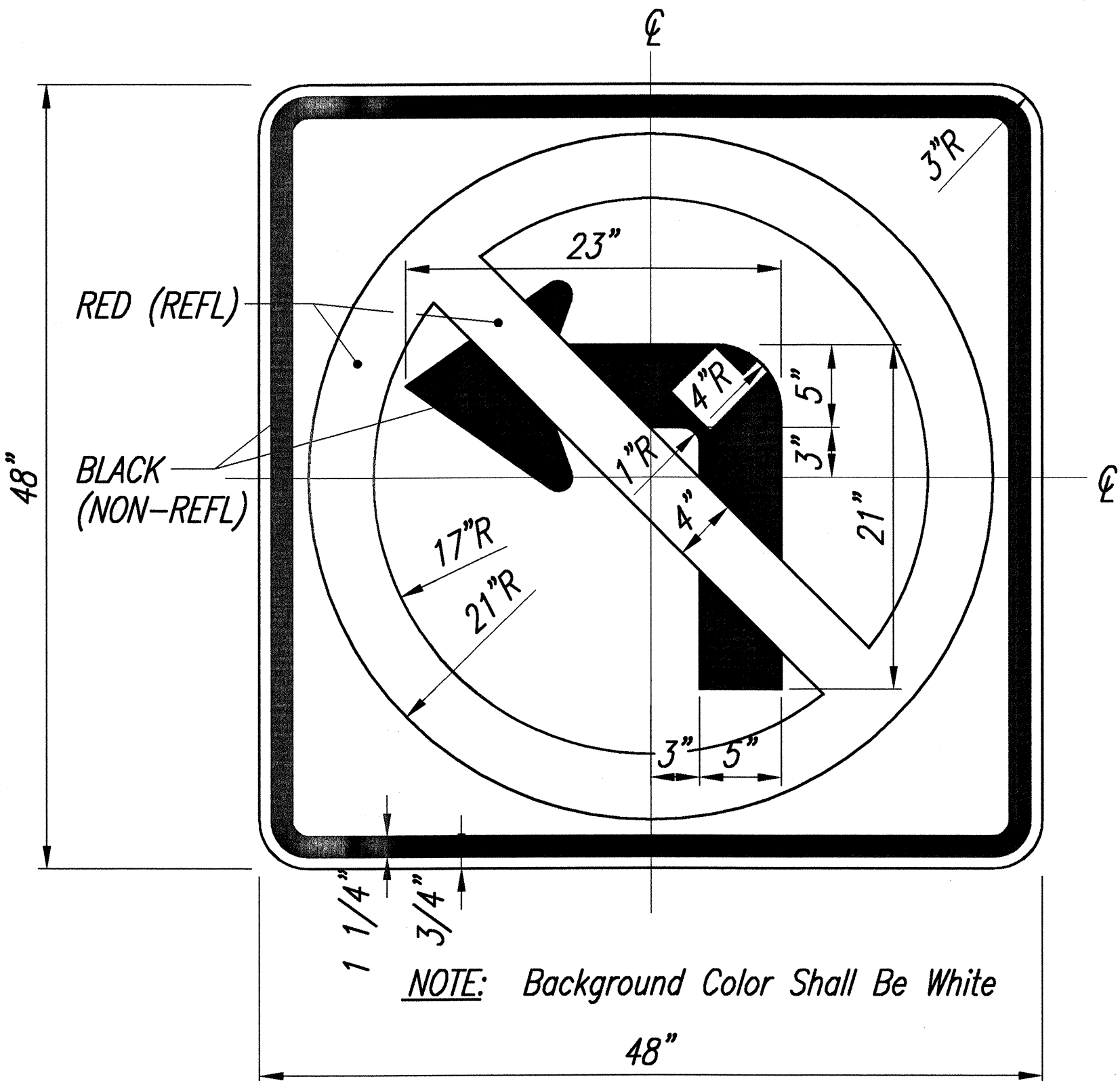
- Note:**
1. The Lettering for This Sign is 5" Series B.
 2. Background Color Shall Be Yellow.

SIGN SP-6

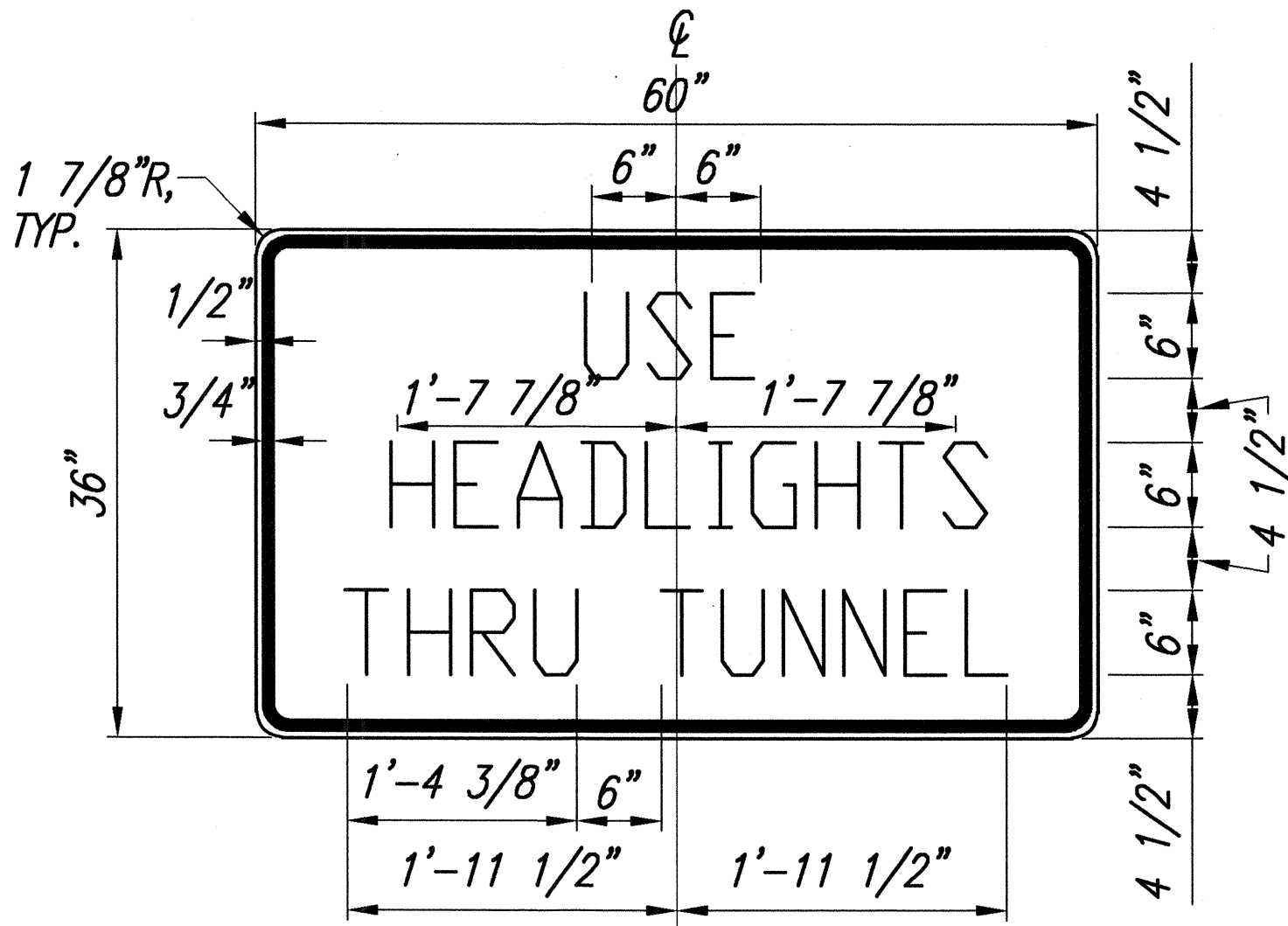


- Note:**
1. The Lettering for This Sign is 5" Series B.
 2. Background Color Shall Be Yellow.

SIGN SP-7

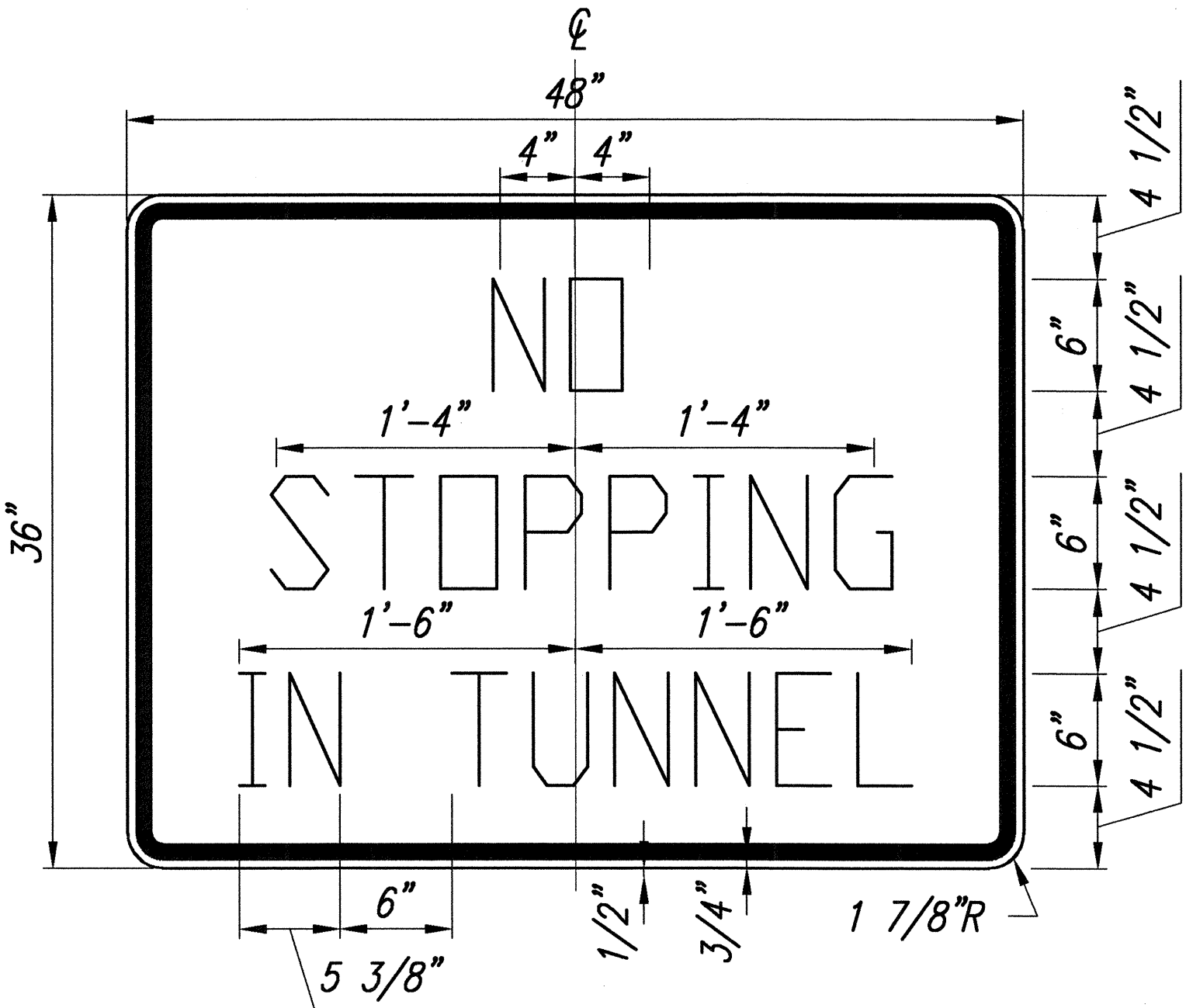


SIGN R3-2



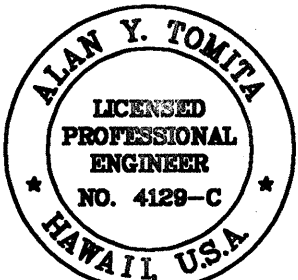
- Note:**
1. The Lettering For This Sign is 6" Series C.
 2. Background Color Shall Be White.

SIGN SP-8



- Note:**
1. The Lettering For This Sign is 6" Series C.
 2. Background Color Shall Be White.

SIGN SP-9



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.

Alan Y. Tomita

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SIGN DETAILS

LIKELIKE HIGHWAY RESURFACING
Emmeline Place to the Wilson Tunnel
F. A. Project No. CM-STP-063-1(21)
Scale: Not to Scale Date: December, 2001
SHEET No. 13 OF 13 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	"
	DESIGNED BY	"
	QUANTITIES BY	"
	CHECKED BY	"
No.		