

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	250A-01-06M	2009	28	55

LEGEND

- 4" Double Solid Yellow with Type D Raised Markers @ 20'-0" o.c. (Thermoplastic Extrusion)
- 8" White Stripe with Type C Raised Pavement Markers @ 20'-0" o.c. (Thermoplastic Extrusion)
- 4 each Type J Raised Pavement Markers
Type D Raised Pavement Markers @ 40'-0" o.c.
- 4 each Type A Raised Pavement Markers
Type C Raised Pavement Markers @ 40'-0" o.c.
- 6" or 8" White Edge Stripe with Type C Raised Pavement Markers @ 40'-0" o.c. (Thermoplastic Extrusion)
- 4" Yellow Edge Stripe with Type H Raised Pavement Markers @ 40'-0" o.c. (Thermoplastic Extrusion)
- 4 each Type A Raised Pavement Markers
Type C Raised Pavement Markers @ 20'-0" o.c.
4" White Stripe (Thermoplastic Extrusion)
- Transverse Median Marking (Thermoplastic Extrusion)
- Transverse Shoulder Marking (Thermoplastic Extrusion)
- 4" White or Yellow Guide Lines (Thermoplastic Extrusion except for bus bays)
- Channelizing Island or Deceleration Lane Gore (Thermoplastic Extrusion)
- Milled Rumble Strips with 20" x 6" White Stripe
- Crosswalk and Stop Line. All Stop Lines shall be 4'-0" from Crosswalk unless otherwise noted. The circled number indicates the number of lanes for payment (Thermoplastic Extrusion)
- Pavement Arrow (Thermoplastic Extrusion)
- STOP Pavement Word (Thermoplastic Extrusion)

REFLECTOR MARKER LEGEND

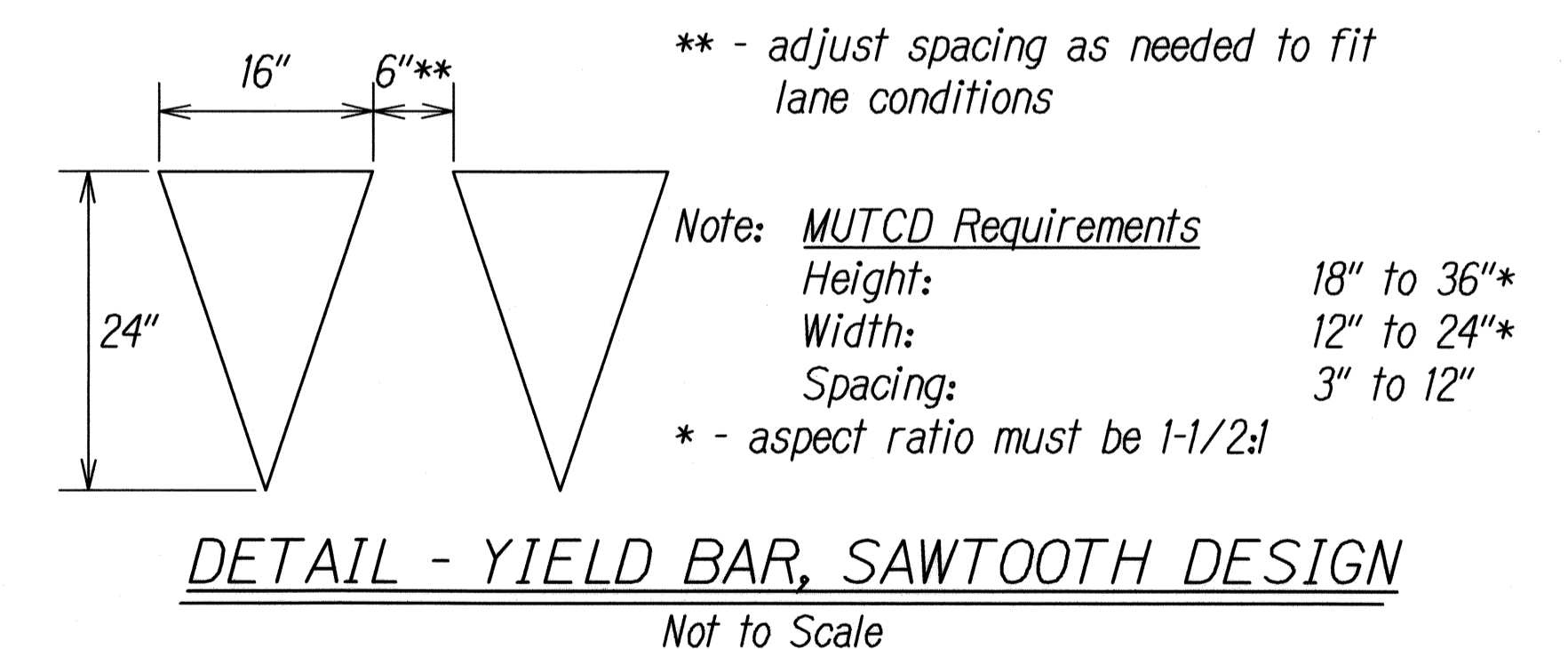
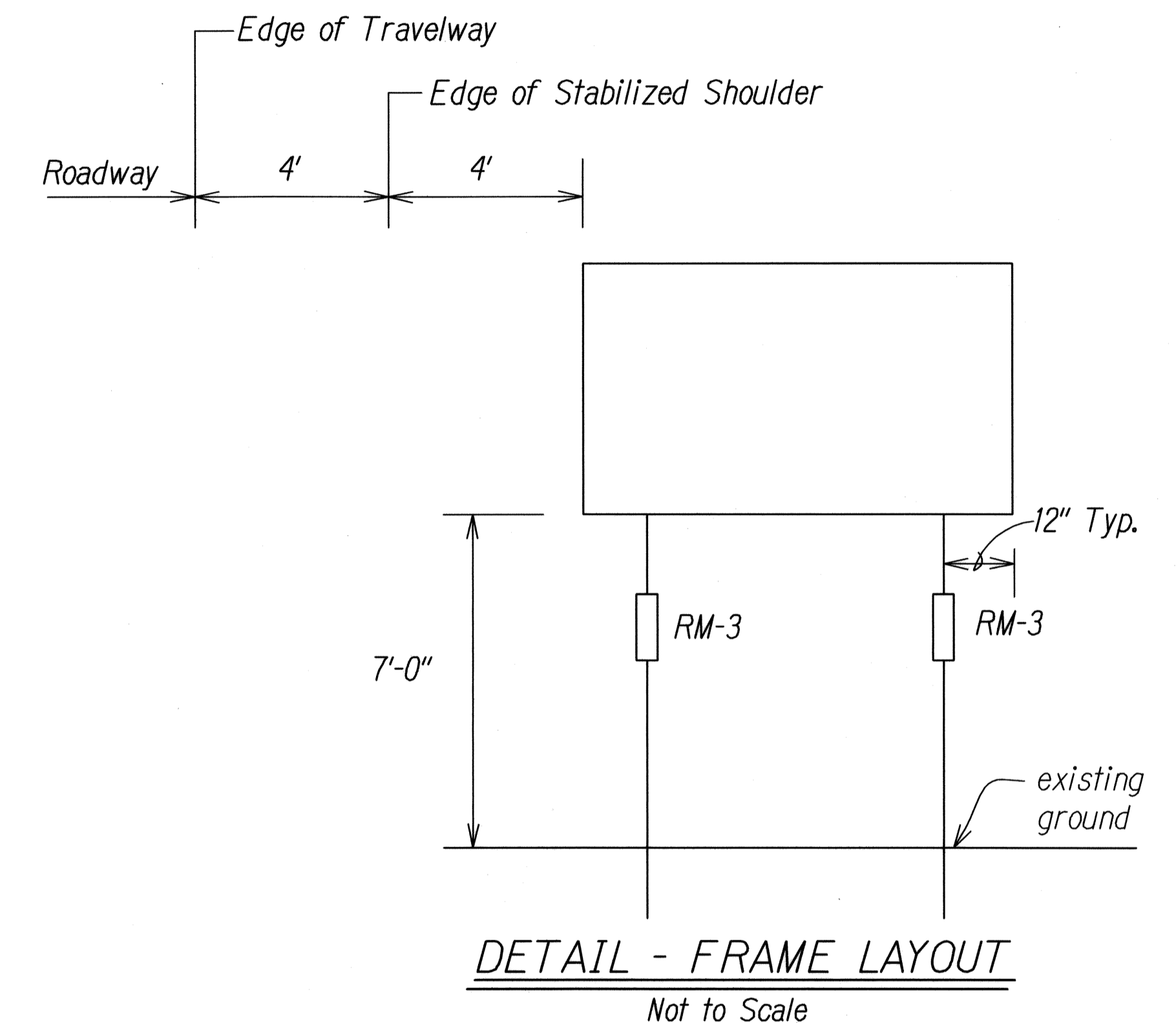
- III Reflecter Marker (RM-2, White, BI-DIR) w/Flex Post
- III- Reflecter Marker (RM-3) w/Flex Post

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. Line widths shall match existing.
- 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.
- The Contractor shall erect at the beginning of the project and at the end of the project advance construction warning signs placed 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 State field office, or as directed by the Engineer, upon the completion of the project.
- 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 Streets and Highways" (MUTCD)
 - "Standard Highway Signs"
 - "Standard Alphabets for Highway Signs"
- 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.
- Removal of existing delineators and posts, as directed by the Engineer or shown on the plans, shall be considered incidental to the various signing items.

SIGN KEY

- ① Existing Sign and Post(s) to Remain
- ② Remove Existing Sign and Post
- ③ Install New Sign(s) w/Steel Post(s) and RM-3(s)
- ④ Remove Existing Sign and Post(s) and Install New Sign(s) w/Post(s) and RM-3(s)
- ⑤ Install New Sign(s) on Light Post



DRAWN BY: _____ DATE: _____
 CHECKED BY: _____
 ORIGINAL PLAN: _____
 NOTE BOOK: _____
 QUANTITIES BY: _____
 CHECKED BY: _____



This work was prepared by me or under my supervision.
Exp. 04-30-10
Neil S. Fukunoto
Wesley R. Segawa & Associates, Inc.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING LEGEND

KOHALA MOUNTAIN ROAD PAVEMENT REPAIRS
Waiaka Junction toward Hawi
Project No. 250A-01-06M

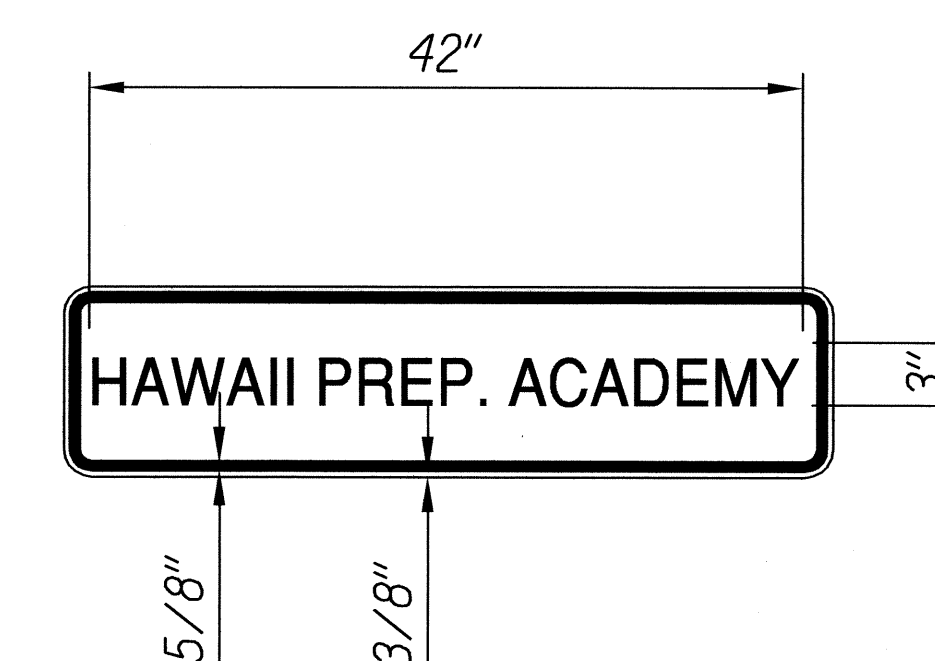
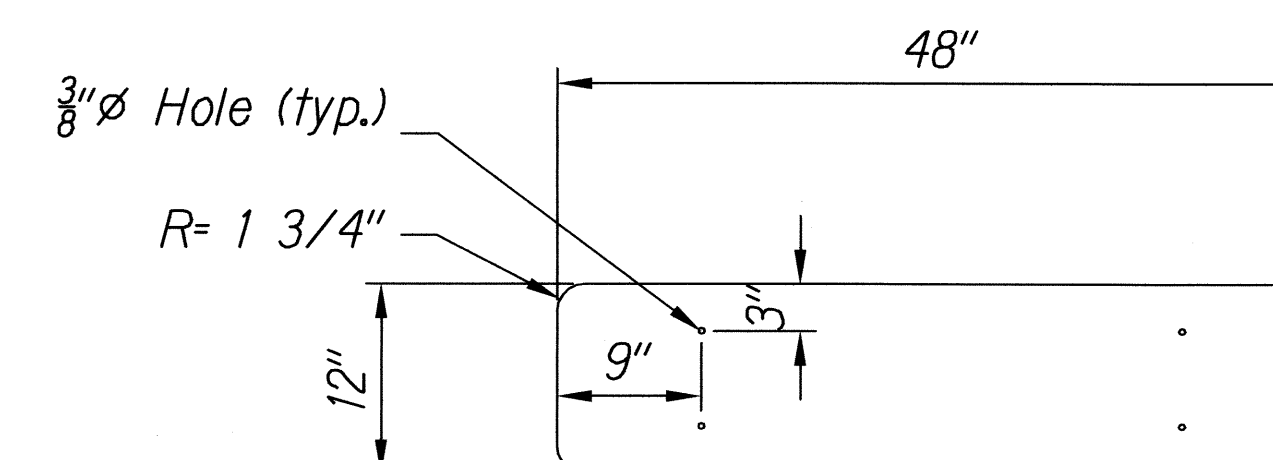
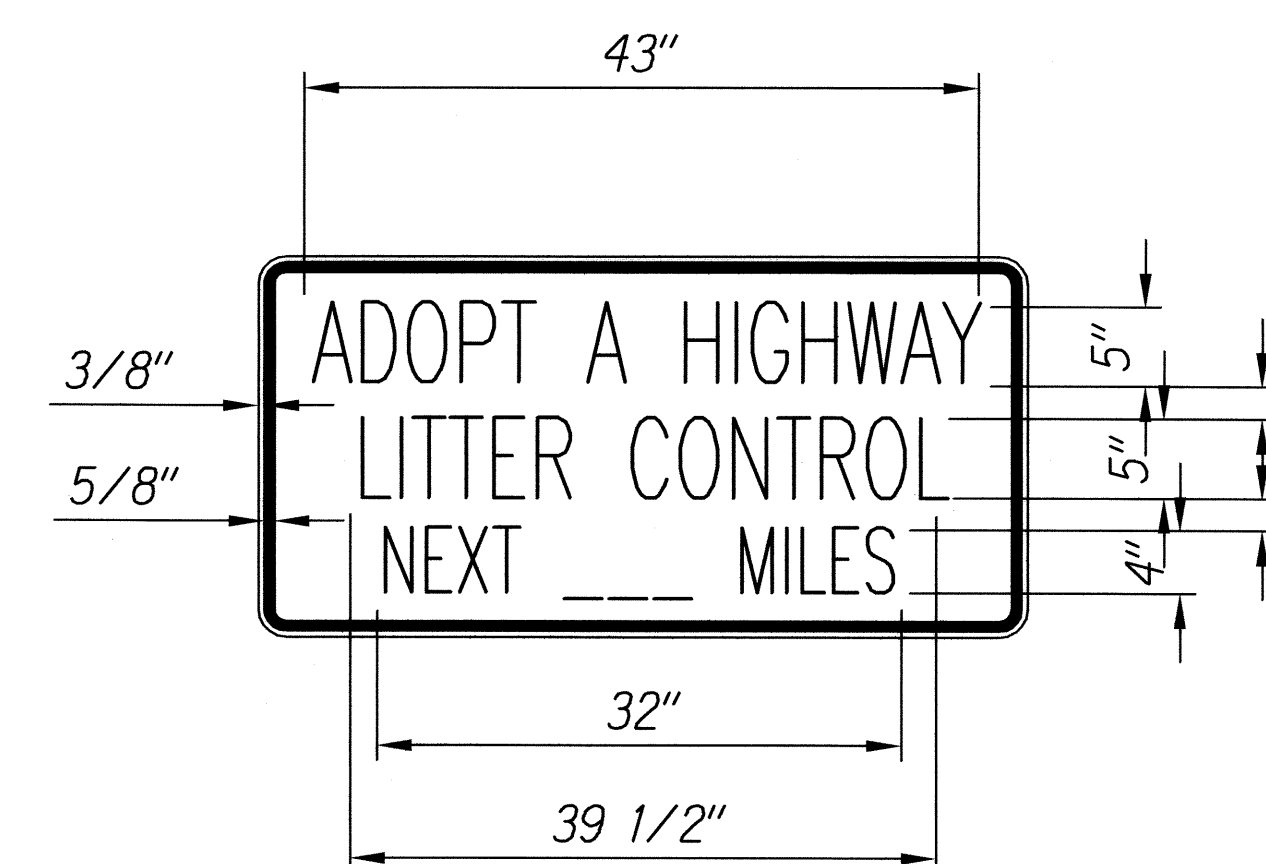
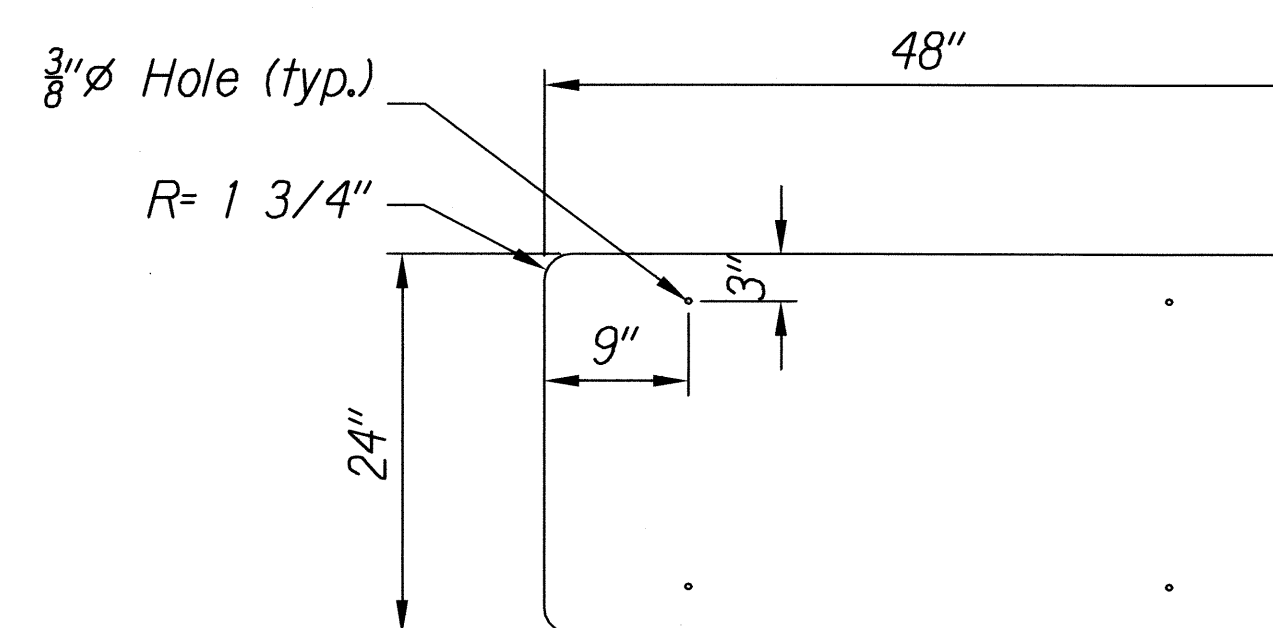
Date: April 2009

SIGN NOTES

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	250A-01-06M	2009	29	55

1. The contractor shall replace all existing signs (including destination signs), posts, and anchors within the project limits, unless otherwise shown on the plans.
2. Lettering
 - a. Destination signs: Capitals, 8" Modified Series "E"; Lowercase, 6" Modified Series "E".
 - b. Street Name and Supplemental Street Name Signs: Use Modified Series "E", unless otherwise specified by the Engineer.
3. All signs shall conform to Section 621 of the 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"
4. Borders, messages, arrows, symbols and shield shall conform to details as shown on the plans and as specified in the MUTCD.
5. Sign messages shall be as indicated on existing signs, or as directed by the Engineer.
6. 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.
7. Contractor shall submit all sign splicing details to the Engineer for acceptance. All backing for signs 4 feet by 6 feet or less shall be of one sheet.
8. Backing for all new Regulatory and Warning Signs shall not be spliced.
9. Final locations of all signs shall be approved by the Engineer prior to any installation work.
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.
11. 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 or as directed by the Engineer shall be considered incidental to the various signing items.
12. Removal and Replacement of Existing Delineators and Posts shall be considered incidental to the various signing items.
13. All Destinations, Street Name, Supplemental Street Name, and Non-Standard signs that are to be replaced shall be identical to the existing sign in size and text, unless otherwise specified.
14. All signs, except Destination Signs shall be installed on square tube posts, unless otherwise noted.
15. Sign posts shall be painted with yellow reflective paint, except where located behind guardrails. Such paint work shall be considered incidental to sign items.
16. Contractor shall mark the back of all signs using labels and equipment provided by the State. Payment to be incidental to various contract items.
17. The Contractor shall submit Shop Drawings to the Engineer for acceptance prior to fabricating Destination, Street Name, Supplemental Street Name, and Non-Standard signs.

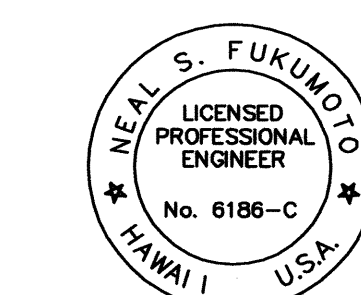
18. Foundations and posts for Destination Signs shall be reused, except for square tube posts.
19. Square tube sign posts required for the installation of destination signs shall be considered incidental to various contract items.
20. W1-8 signs shall be installed with its face perpendicular to the roadway centerline.
21. Removed Signs and Posts are to be delivered from the project to the Hilo Baseyard (50 Makaala Street) by the Contractor. Payment shall be considered incidental to the various items.



SIGN DETAIL
Scale: None

Legend: Blue
Background: White

DESIGNED BY	DATE
DRAWN BY
CHECKED BY
IN CHARGE BY
DATE



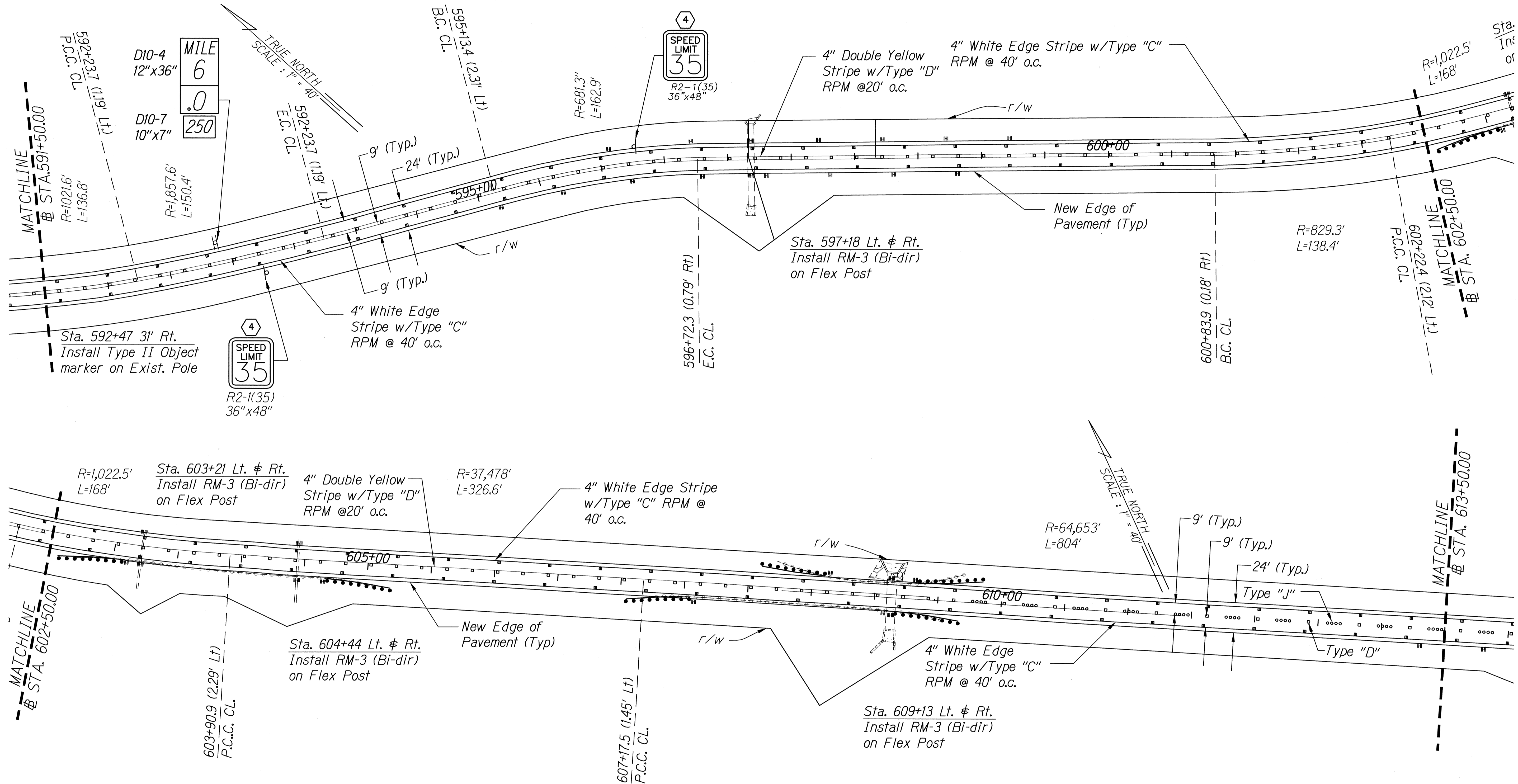
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Exp. 04-30-10
Neil S. Fukunaga
Wesley R. Segawa & Associates, Inc.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

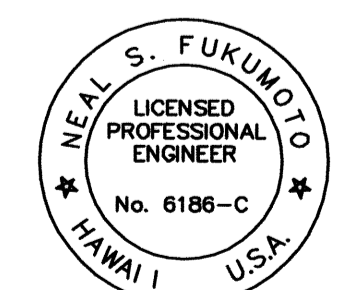
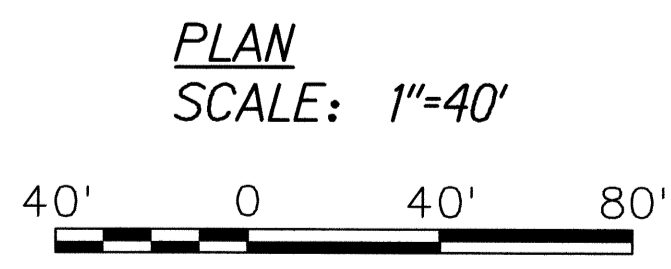
SIGNAGE NOTES

KOHALA MOUNTAIN ROAD PAVEMENT REPAIRS
Waiaka Junction toward Hawi
Project No. 250A-01-06M
Date: April 2009

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	250A-01-06M	2009	31	55



ORIGINAL PLAN	DATE
REVISION	
BY	
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BY	
DATE	



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Neal S. Fukunaga
Wesley R. Segawa & Associates, Inc.

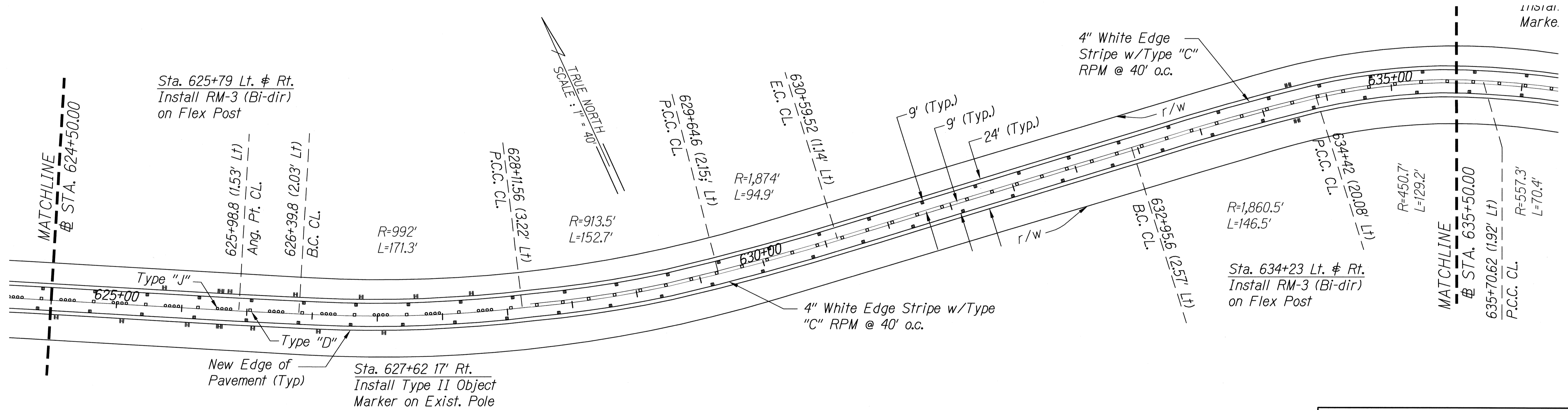
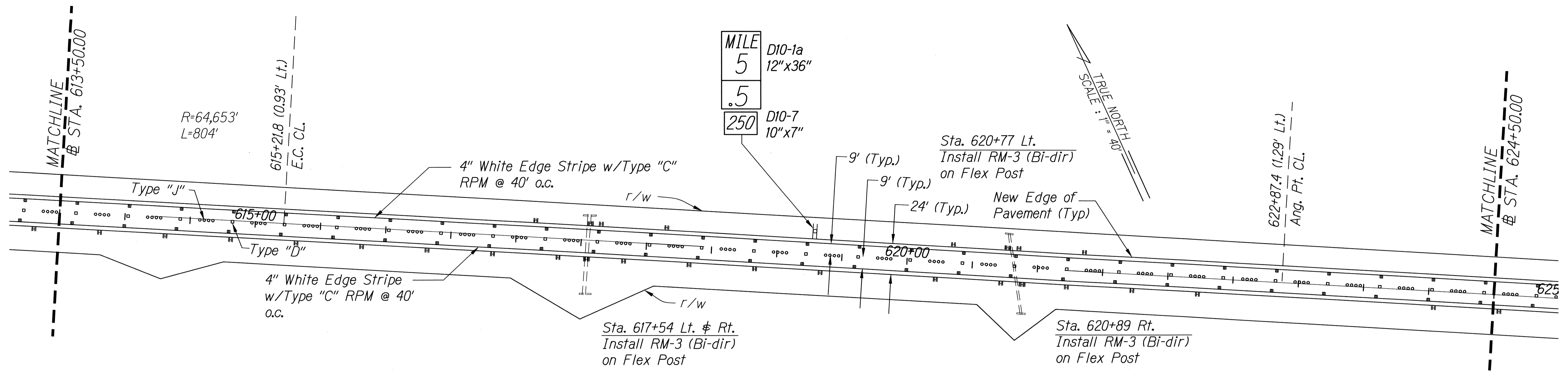
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING & STRIPING PLAN

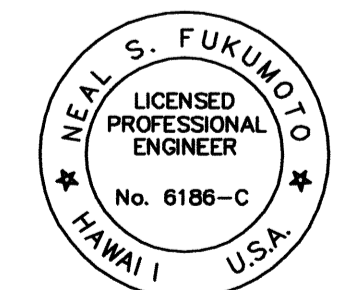
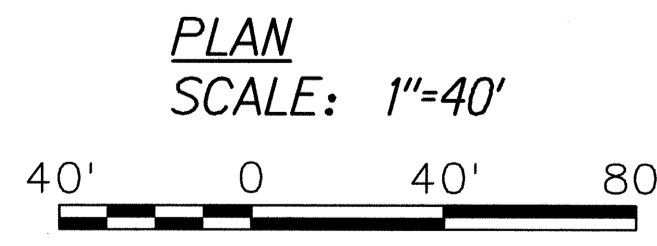
KOHALA MOUNTAIN ROAD PAVEMENT REPAIRS
Waiaka Junction toward Hawi
Project No. 250A-01-06M
Date: April 2009

SHEET No. 2 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	250A-01-06M	2009	32	55



DATE
DESIGNED BY
DRAWN BY
CHECKED BY
IN CHARGE



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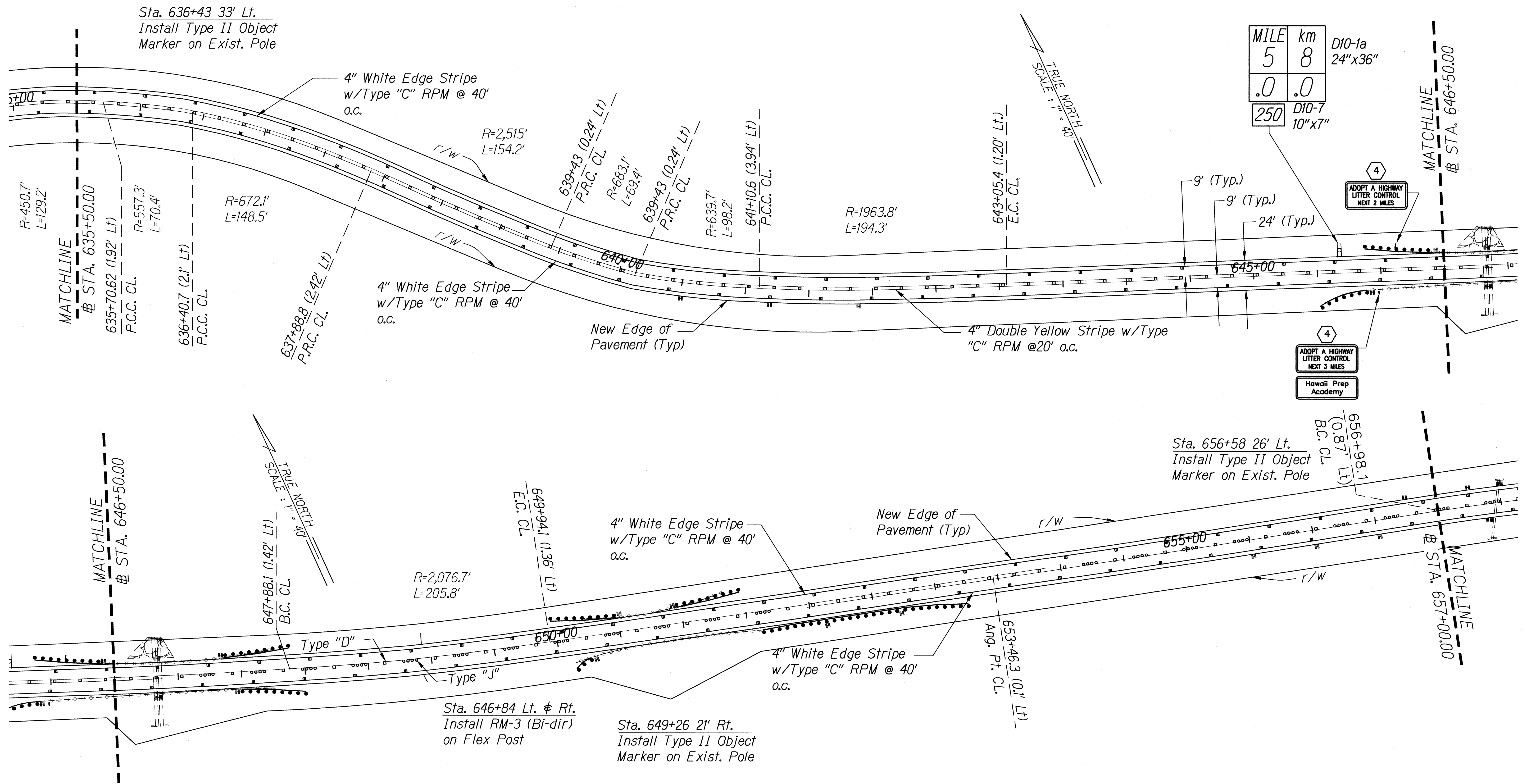
Neil S. Fukunaga
Wesley R. Segawa & Associates, Inc.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING & STRIPING PLAN

KOHALA MOUNTAIN ROAD PAVEMENT REPAIRS
Waiaka Junction toward Hawi
Project No. 250A-01-06M
Date: April 2009

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	250A-01-06M	2009	33	55



MILE	km
5	8
.0	.0
250	D10-7
	10" x 7"

ADOPT A HIGHWAY LITTER CONTROL NEXT 2 MILES

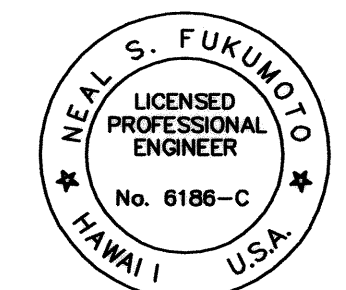
ADOPT A HIGHWAY LITTER CONTROL NEXT 3 MILES

Hawaii Prep Academy

DATE	_____
REVISION	_____
DESIGNED BY	_____
DRAWN BY	_____
CHECKED BY	_____
IN CHARGE	_____

PLAN SCALE: 1"=40'

40' 0 40' 80'



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

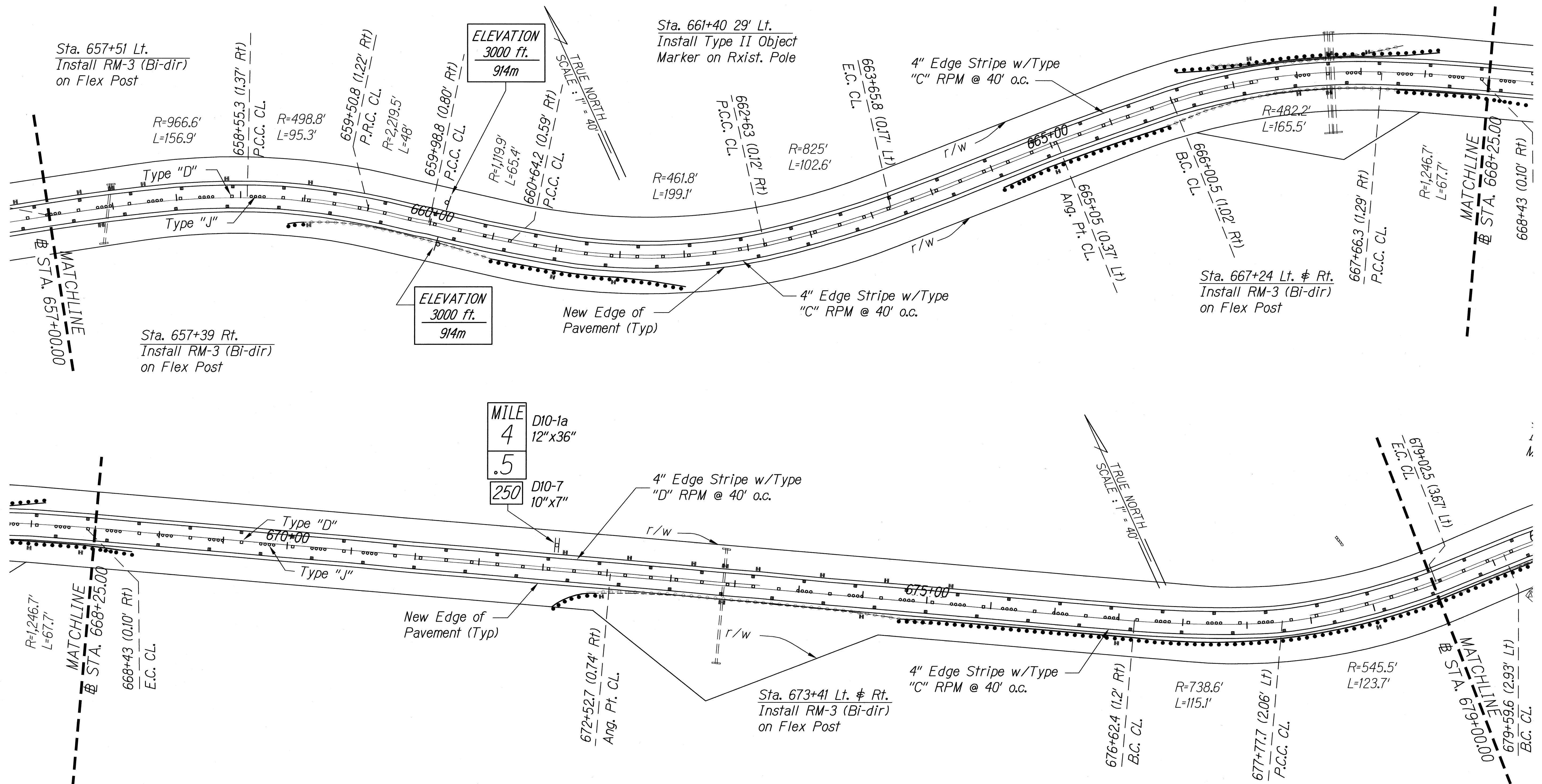
SIGNING & STRIPING PLAN

KOHALA MOUNTAIN ROAD PAVEMENT REPAIRS
Waiaka Junction toward Hawi
Project No. 250A-01-06M
Date: April 2009

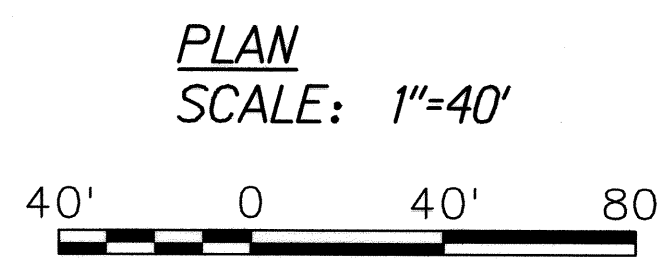
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Exp. 04-30-10

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Weisley R. Sogawa & Associates, Inc.

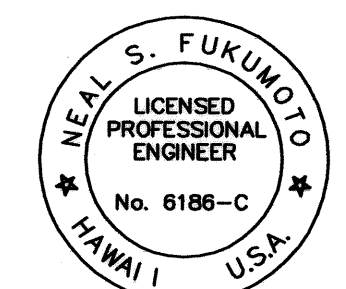
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	250A-01-06M	2009	34	55



MILE	D10-1a
4	12" x 36"
.5	D10-7
250	10" x 7"



ORIGINAL PLAN	DATE
REVISION	BY
REVISION	BY
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REVISION	BY



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Neal S. Fukunaga
Wesley R. Segawa & Associates, Inc.

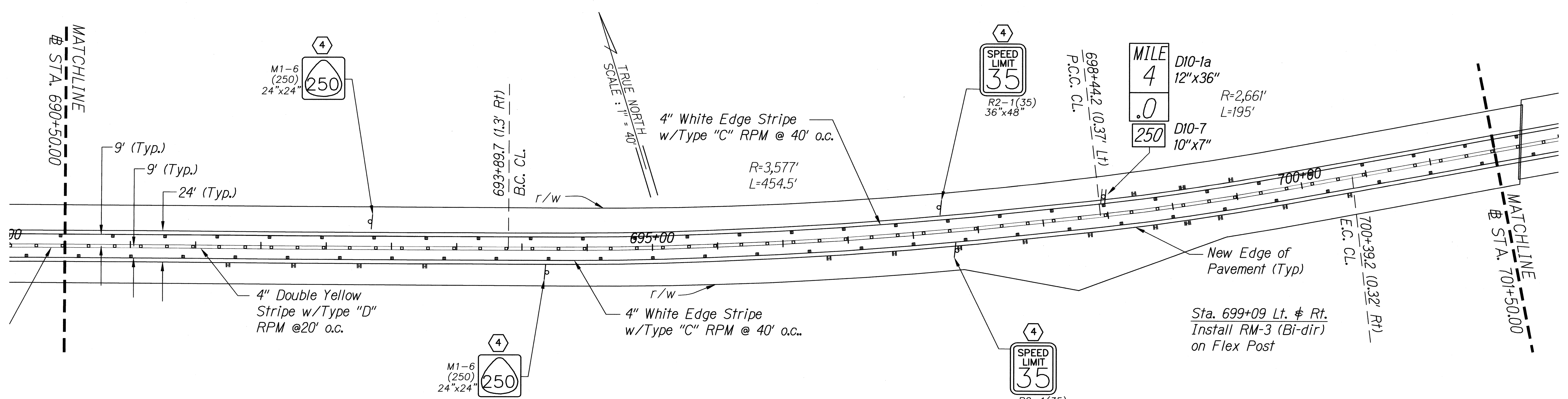
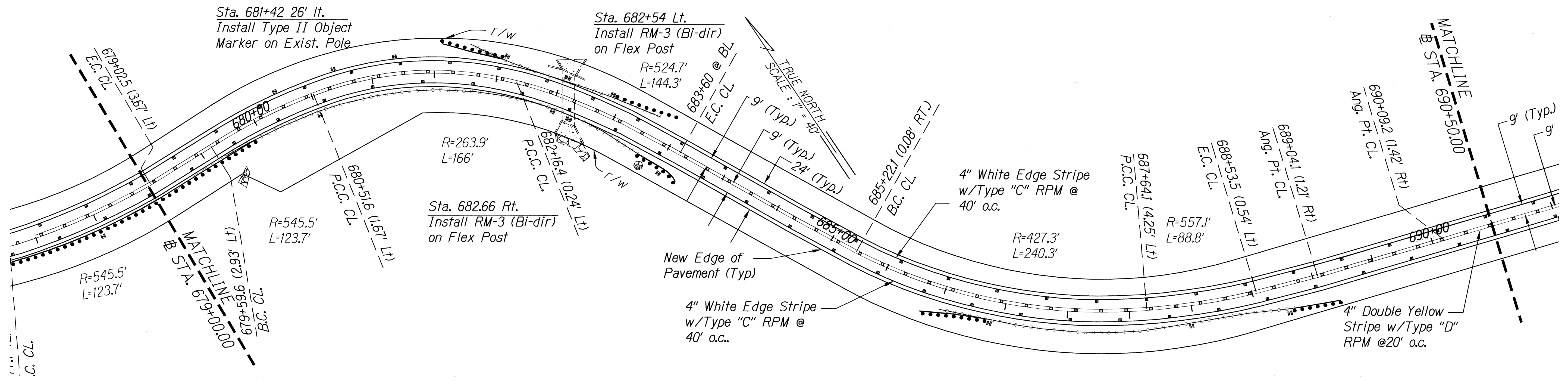
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING & STRIPING PLAN

KOHALA MOUNTAIN ROAD PAVEMENT REPAIRS
Waiaka Junction toward Hawi
Project No. 250A-01-06M
Date: April 2009

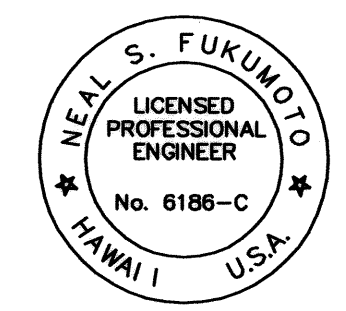
SHEET No. 5 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	250A-01-06M	2009	35	55



PLAN SCALE: 1"=40'

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
APPROVED BY	
DATE	



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Neal S. Fukunaga
 Wesley R. Segawa & Associates, Inc.

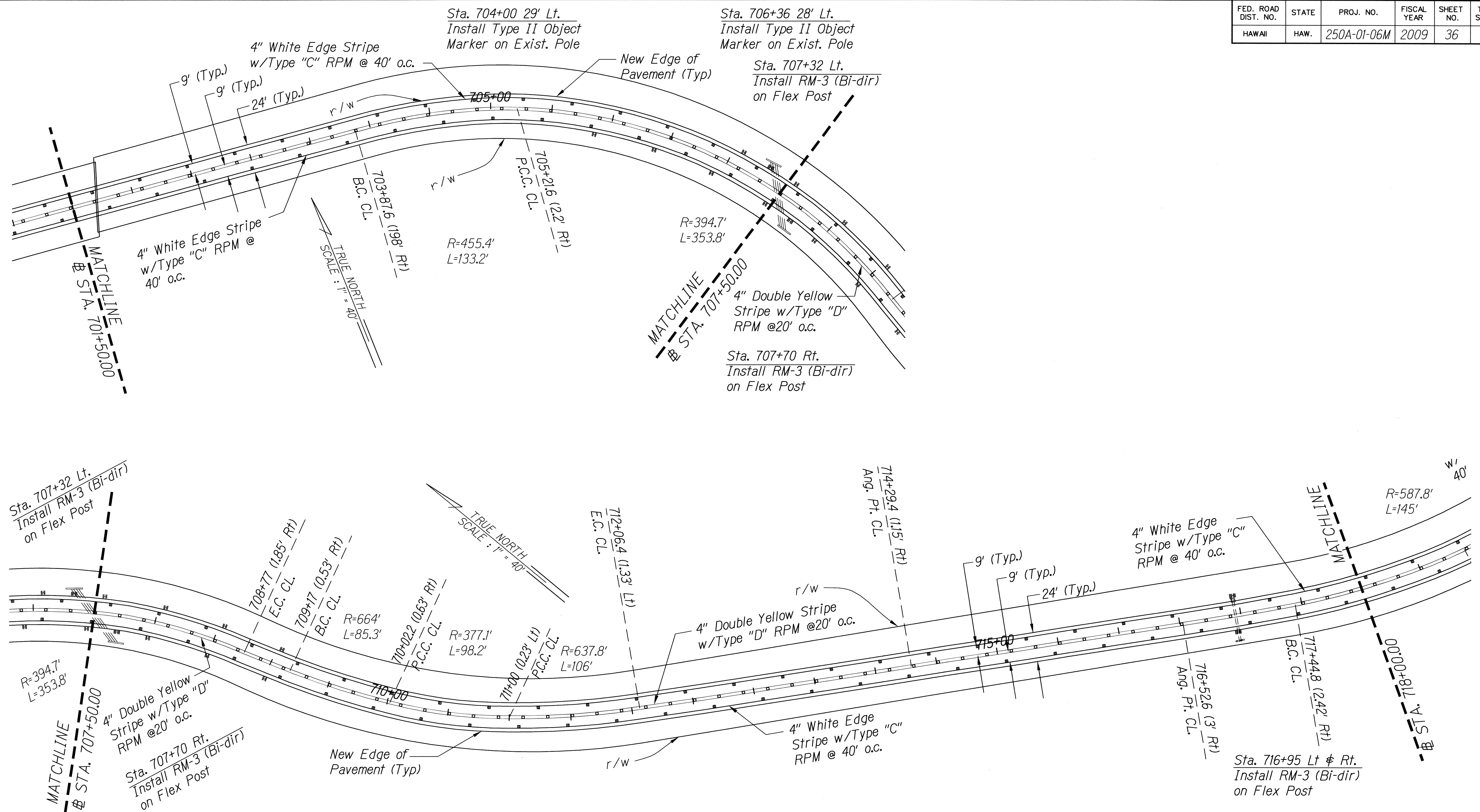
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

SIGNING & STRIPING PLAN

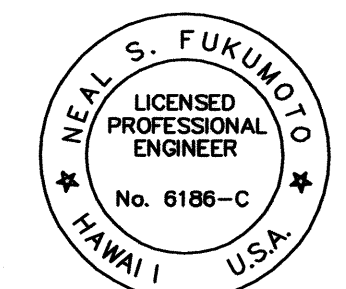
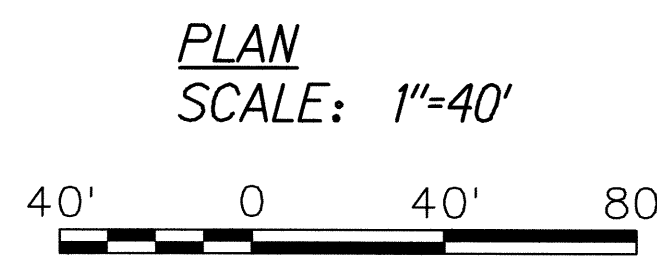
KOHALA MOUNTAIN ROAD PAVEMENT REPAIRS
 Waiaka Junction toward Hawi
 Project No. 250A-01-06M
 Date: April 2009

SHEET No. 6 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	250A-01-06M	2009	36	55



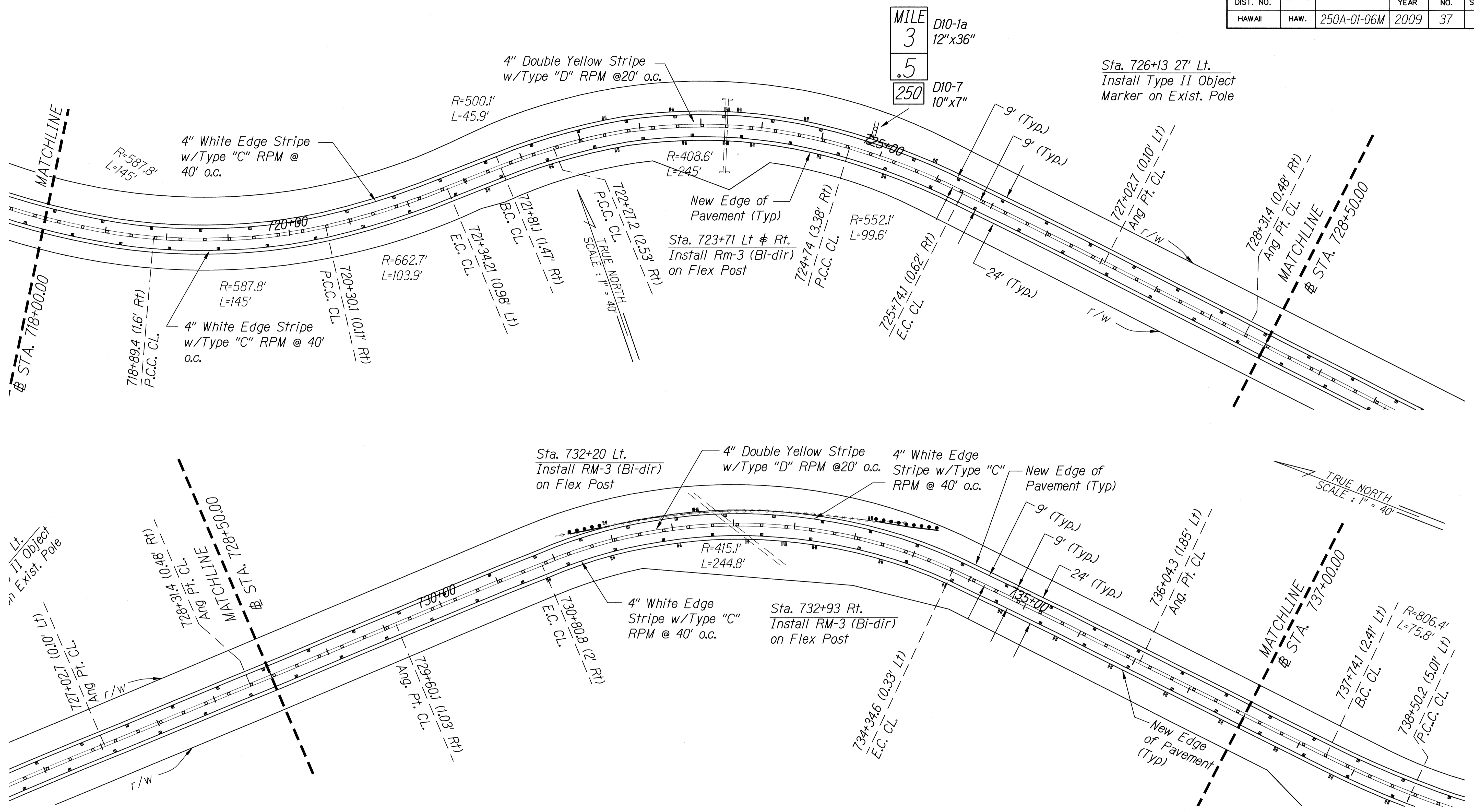
ORIGINAL PLAN	DATE
REVISIONS	
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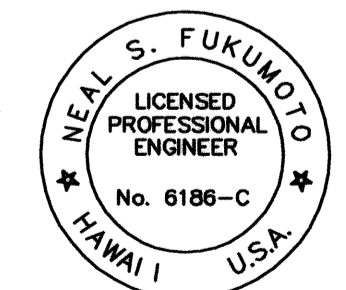
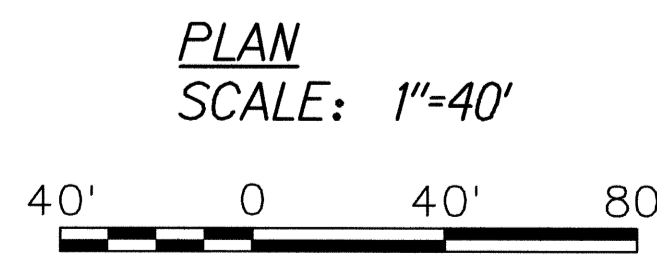
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 Wesley R. Segawa & Associates, Inc.

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
SIGNING & STRIPING PLAN
 KOHALA MOUNTAIN ROAD PAVEMENT REPAIRS
 Waiaka Junction toward Hawi
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FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	250A-01-06M	2009	37	55



ORIGINAL PLAN	DATE
REVISION	DATE
REVISION	DATE
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REVISION	DATE



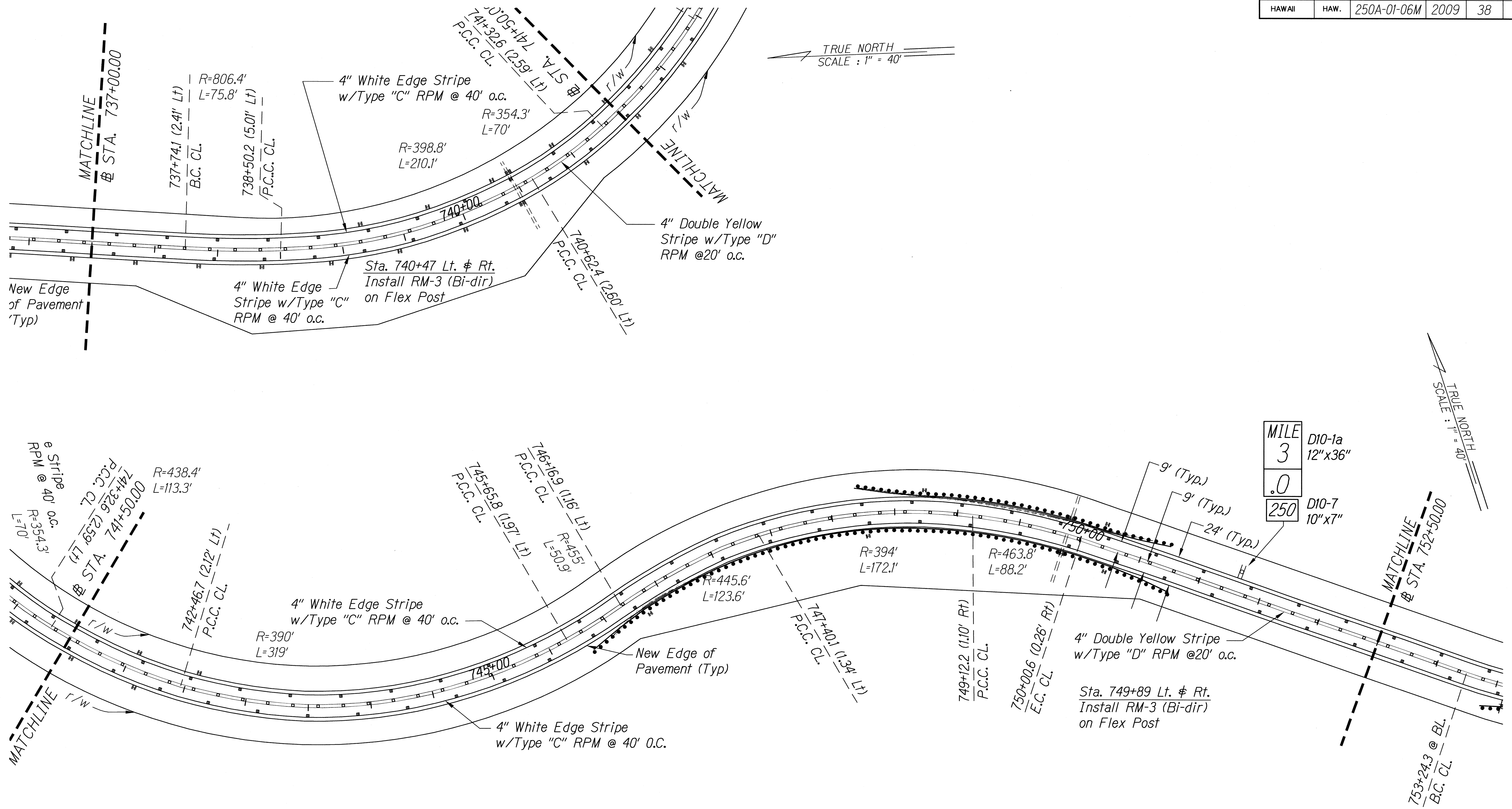
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Neil S. Fukunoto
Wesley R. Sogano & Associates, Inc.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

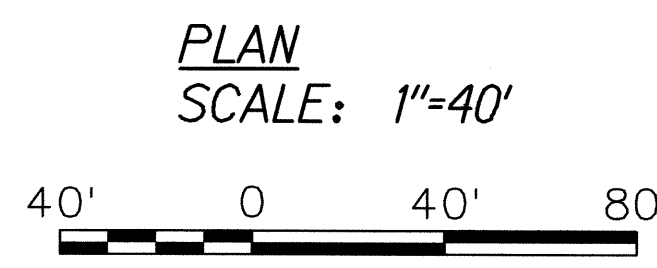
SIGNING & STRIPING PLAN

KOHALA MOUNTAIN ROAD PAVEMENT REPAIRS
Waiaka Junction toward Hawi
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Date: April 2009

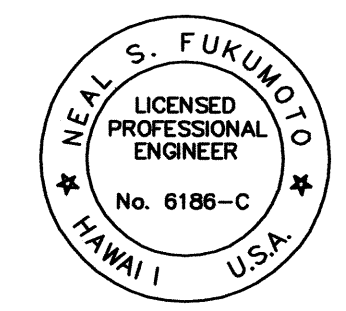
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	250A-01-06M	2009	38	55



MILE	D10-1a
3	12" x 36"
.0	D10-7
250	10" x 7"



DATE
DESIGNED BY
DRAWN BY
CHECKED BY
IN CHARGE



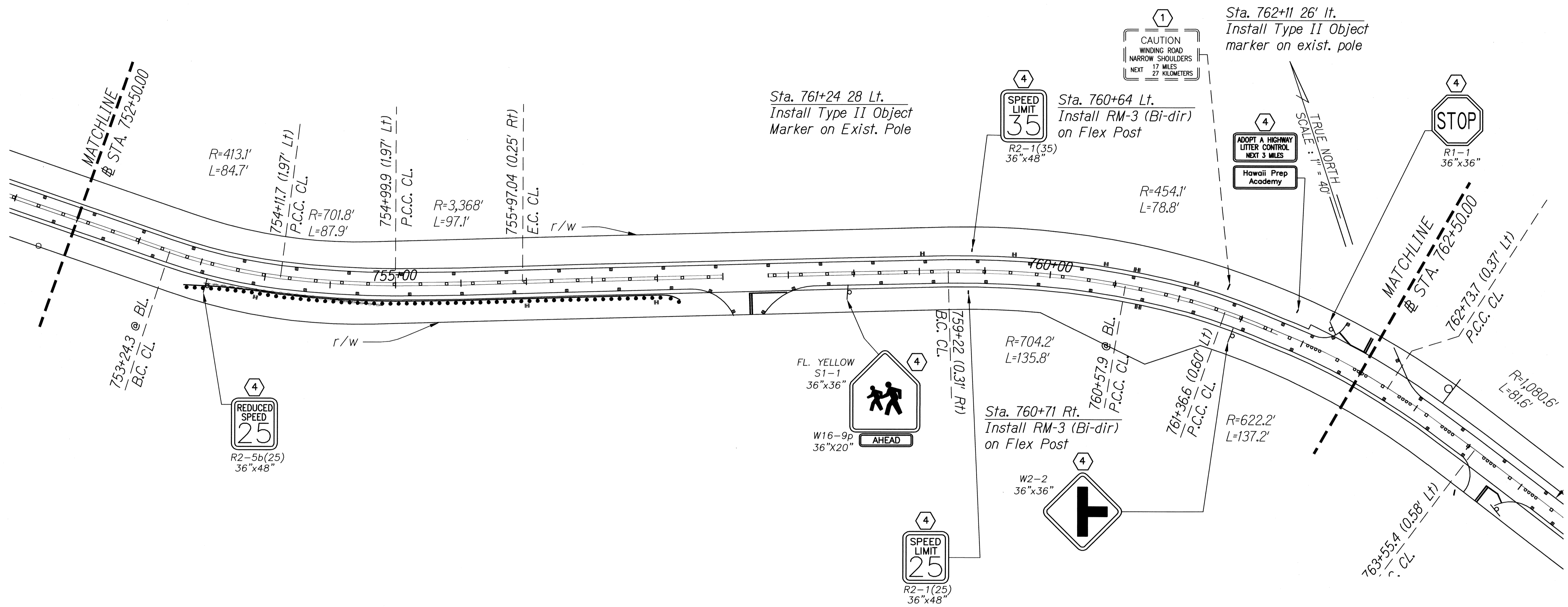
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STATE OF HAWAII
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HIGHWAYS DIVISION

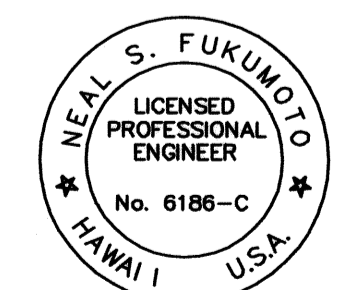
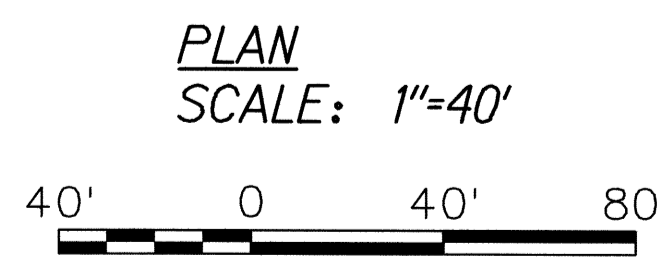
SIGNING & STRIPING PLAN

KOHALA MOUNTAIN ROAD PAVEMENT REPAIRS
Waiaka Junction toward Hawi
Project No. 250A-01-06M
Date: April 2009

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	250A-01-06M	2009	39	55



ORIGINAL PLAN	DATE
DESIGNED BY	
DRAWN BY	
CHECKED BY	
DATE	



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Exp. 04-30-10
Neal S. Fukunaga
Wesley R. Segawa & Associates, Inc.

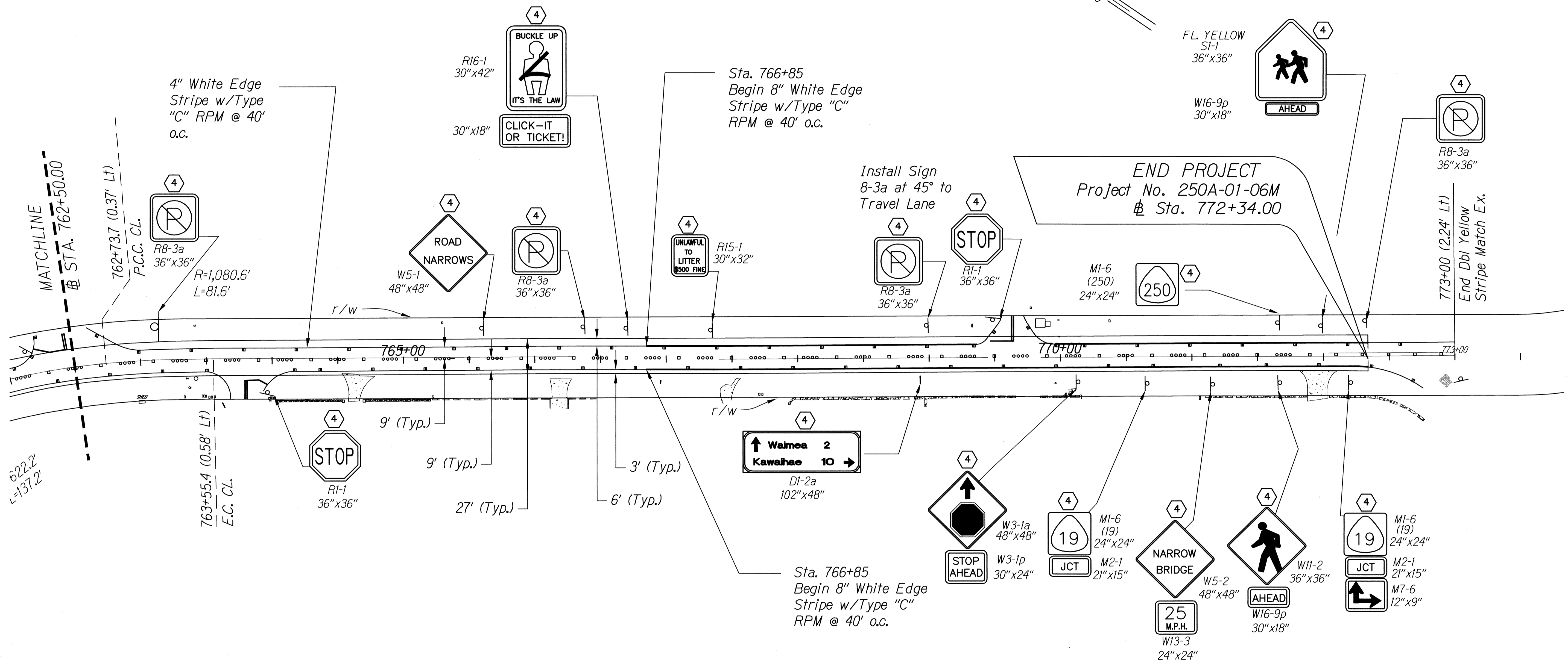
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING & STRIPING PLAN

KOHALA MOUNTAIN ROAD PAVEMENT REPAIRS
Waiaka Junction toward Hawi
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FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	250A-01-06M	2009	40	55

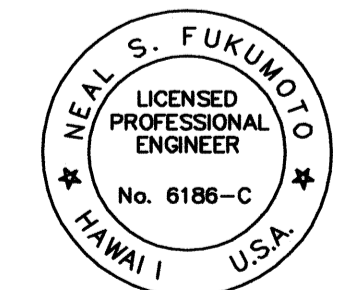
TRUE NORTH
SCALE: 1" = 40'



ORIGINAL PLAN	DATE
DRAWN BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	

PLAN SCALE: 1" = 40'

40' 0 40' 80'



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING & STRIPING PLAN

KOHALA MOUNTAIN ROAD PAVEMENT REPAIRS
Waiaka Junction toward Hawi
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SHEET No. 11 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	250A-01-06M	2009	41	55

SIGN SCHEDULE

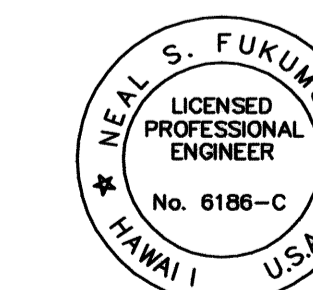
EXISTING STATION	LEFT	RIGHT	TYPE	REMOVE	10 SQ. FT. OR LESS	10 SQ. FT. OR MORE	OTHER
PROJECT NO. 250A-01-06M							
STA 571+97	●		W1-2	1	1		
STA 593+24		●	R2-1(35)	1		1	
STA 596+28	●		R2-1(35)	1		1	
STA 645+98		●	"ADOPT A HIGHWAY LITTER CONTROL NEXT 3 MILES" W/"HAWAII PREP ACADEMY"	1			2
STA 646+12	●		"ADOPT A HIGHWAY LITTER CONTROL NEXT 2 MILES"	1			1
STA 660+09	●		ELEVATION 3000 ft/914 m	1			1
STA 660+09		●	ELEVATION 3000 ft/914 m	1			1
STA 692+83	●		M1-6(250)	1	1		
STA 694+19		●	M1-6(250)	1	1		
STA 697+21	●		R2-1(35)	1		1	
STA 697+32		●	R2-1(35)	1		1	
STA 753+59		●	R2-5b(25)	1		1	
STA 758+46		●	SI-1 w/W16-9p	1	2		
STA 759+36		●	R2-1(25)	1		1	
STA 759+40	●		R2-1(35)	1		1	
STA 761+48		●	W2-2	1	1		
STA 761+87	●		"ADOPT A HIGHWAY LITTER CONTROL NEXT 3 MILES" W/"HAWAII PREP ACADEMY"	1			2
STA 762+15	●		R1-1	1	1		
STA 763+11	●		R8-3a	1	1		
STA 763+96		●	R1-1	1	1		
STA 765+60	●		W5-1	1		1	
STA 766+37	●		R8-3a	1	1		
STA 766+69	●		R16-1w/"CLICK-IT OR TICKET"	1	2		
STA 767+34	●		R15-1	1	1		
STA 768+93		●	DI-2a	1			1
STA 768+98	●		R8-3a	1	1		
STA 769+49	●		R1-1	1	1		
STA 770+13		●	W3-1a w/W3-1p	1	1	1	
STA 770+66	●		M1-6(19) w/M2-1	1	2		
STA 771+16		●	W5-2 w/W13-3(25)	1	1	1	
STA 771+65	●		M1-6(250)	1	1		
STA 771+67		●	W11-2 w/W16-9p	1	2		
STA 771+98	●		SI-1 w/W16-9p	1	2		
STA 772+21		●	M1-6(19) & M2-1 w/M7-6	1	3		
STA 772+32	●		R8-3a	1	1		

MILEPOST MARKER SCHEDULE

EXISTING STATION	LEFT	RIGHT	MILE MARKER
PROJECT NO. 250A-01-06M			
STA 592+90	●		MILE 6.0
STA 619+30	●		MILE 5.5
STA 645+70	●		MILE 5.0 & KM 8.0
STA 672+10	●		MILE 4.5
STA 698+50	●		MILE 4.0
STA 724+90	●		MILE 3.5
STA 751+30	●		MILE 3.0

NOTE:
ALL MILEPOST MARKERS SHALL BE BI-DIRECTIONAL.
D10-7 ROUTE INDICATORS SHALL BE CONSIDERED INCIDENTAL TO ITEM NO. 632.6000, MILEPOST MARKER WITH POST.

DATE
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DRAWN BY
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PLOTTED BY
ORIGINAL PLAN
NOTE BOOK
QUANTITIES BY
.....



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Exp. 04-30-10
Neal S. Fukunoto
Wesley R. Sogawa & Associates, Inc.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGN SCHEDULE

KOHALA MOUNTAIN ROAD PAVEMENT REPAIRS
Waiaka Junction toward Hawi
Project No. 250A-01-06M
Date: April 2009

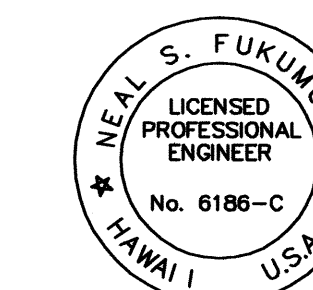
GUARDRAIL SCHEDULE

GUARDRAIL NO.	LOCATION		EXISTING LENGTH	OFFSET FROM ϕ YELLOW STRIPE (FT.)		REMOVE (L.F.)		RESET (L.F.)	INSTALL NEW (L.F.)		END TREATMENT		REMARKS
	FROM	TO		LEFT	RIGHT	LEAD	TRAIL		LEAD	TRAIL	LEAD	TRAIL	
1	602+57	605+20	237.5		existing	37.5	37.5	162.5	50	50	A-1	A-1	-
2	607+05	609+68	237.5		existing	37.5	37.5	162.5	50	50	A-1	A-1	-
3	608+10	609+85	150	existing		37.5	37.5	75	50	50	A-1	A-1	-
4	645+50	648+00	187.5		existing	-	25	162.5	37.5	50	TYPE G	A-1	50' radius
5	645+88	647+88	137.5	existing		37.5	-	100	50	50	A-1	A-1	-
6	650+12	653+24	150		existing	12.5	-	137.5	12.5	162.5	TYPE G	A-1	25' radius
7	649+97	651+47	112.5	existing		37.5	25	50	50	50	A-1	A-1	-
8	658+88	662+00	150		existing - 19'	-	-	150	12.5	150	TYPE G	A-1	50' radius
9	664+53	668+80	187.5		existing	-	-	187.5	137.5	100	FLEAT-350	FLEAT-350	-
10	666+10	668+10	150	existing			150	-		200	A-1	A-1	10 - 8' Post
11	672+05	674+80	262.5		existing	-	25	237.5	37.5	-	Type G	connect	50' radius
12	674+80	679+93	none		15'	-	-	-		512.5	connect	connect	-
13	679+93	683+68	350		existing	25	-	325	-	37.5	connect	Type G	25' radius
14	681+56	683+44	162.5	existing		37.5	25	100	50	50	A-1	A-1	10 - 8' Post
15	685+87	689+17	287.5		existing	37.5	-	250	50	37.5	A-1	Type G	24-8' Post, 0' radius
16	731+19	734+12	287.5	existing		25	37.5	225	50	25	A-1	A-1	-
17	745+80	750+80	100		13'		100	-		500	A-1	A-1	-
18	748+20	750+70	237.5		13'		237.5	-		250	A-1	A-1	-
19	753+42	757+17	137.5		existing	37.5	50	50	50	275	A-1	Type G	25' radius
-	-	-	-		-	-	-	-	-	-	-	-	-
-	-	-	-		-	-	-	-	-	-	-	-	-

Contractor shall maximize the offset distance from centerline to the maximum extent allowed.

ORIGINAL PLAN
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 DATE
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 No.

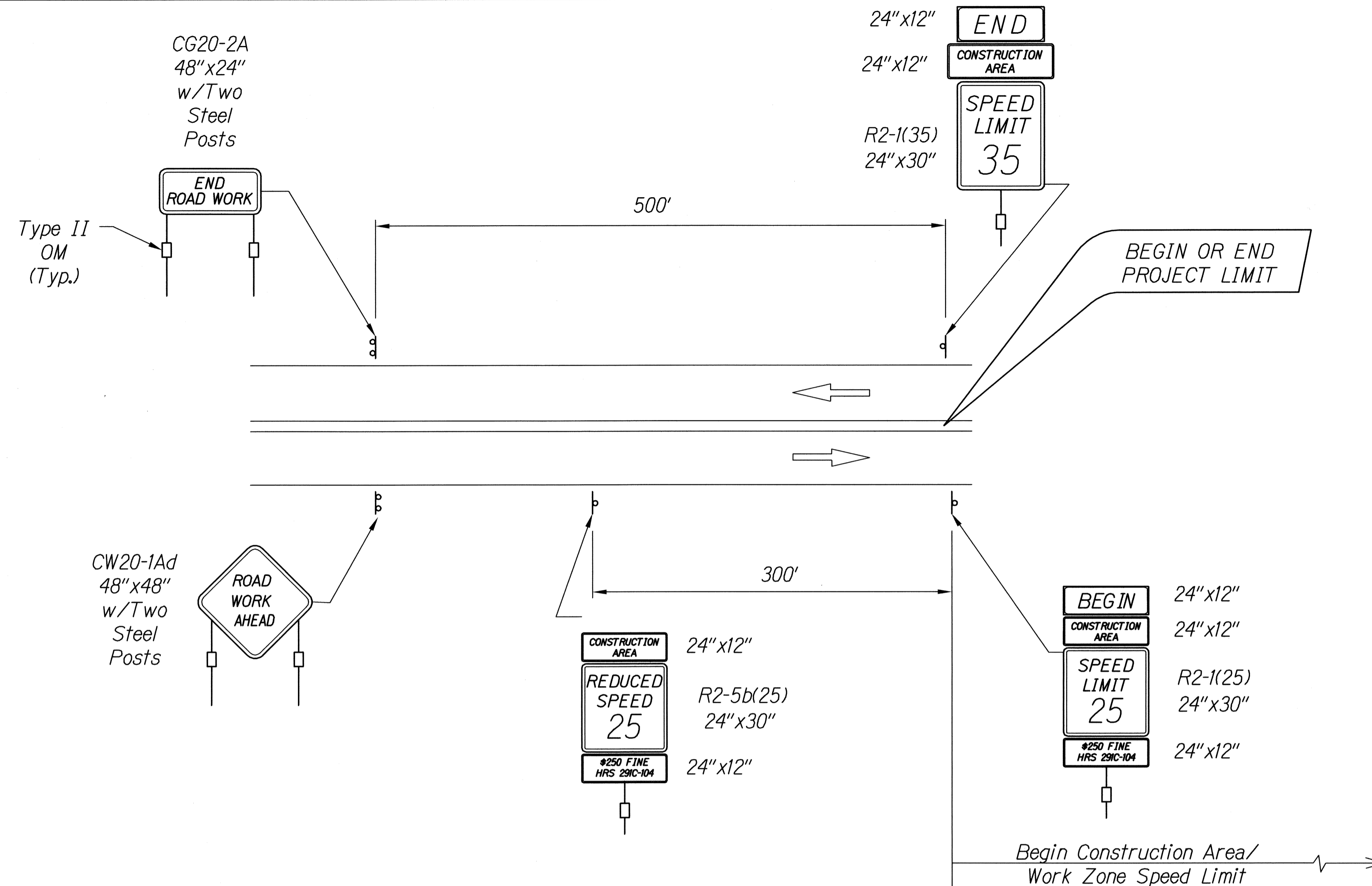
GUARDRAILS TOTAL		
Item No.	Pay Item	Estimated Qty.
606.9000	Reset Guardrail and Replace Spacer Block	2,375 L.F.
606.3100	Type 3 - Strong Post W-Beam	1,937.5 L.F.
	Remove Guardrail	1,150 L.F.
606.7000	Terminal Section, Type Fleat 350	2 EA.
606.7200	Terminal Section, Modified Type "G"	7 EA.
606.7100	Terminal Section, Modified Type "A" Flare	25 EA.



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Neil S. Fukunaga
 Wesley R. Segawa & Associates, Inc.

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
GUARDRAIL SCHEDULE
 KOHALA MOUNTAIN ROAD PAVEMENT REPAIRS
 Waiaka Junction toward Hawi
 Project No. 250A-01-06M
 Date: April 2009

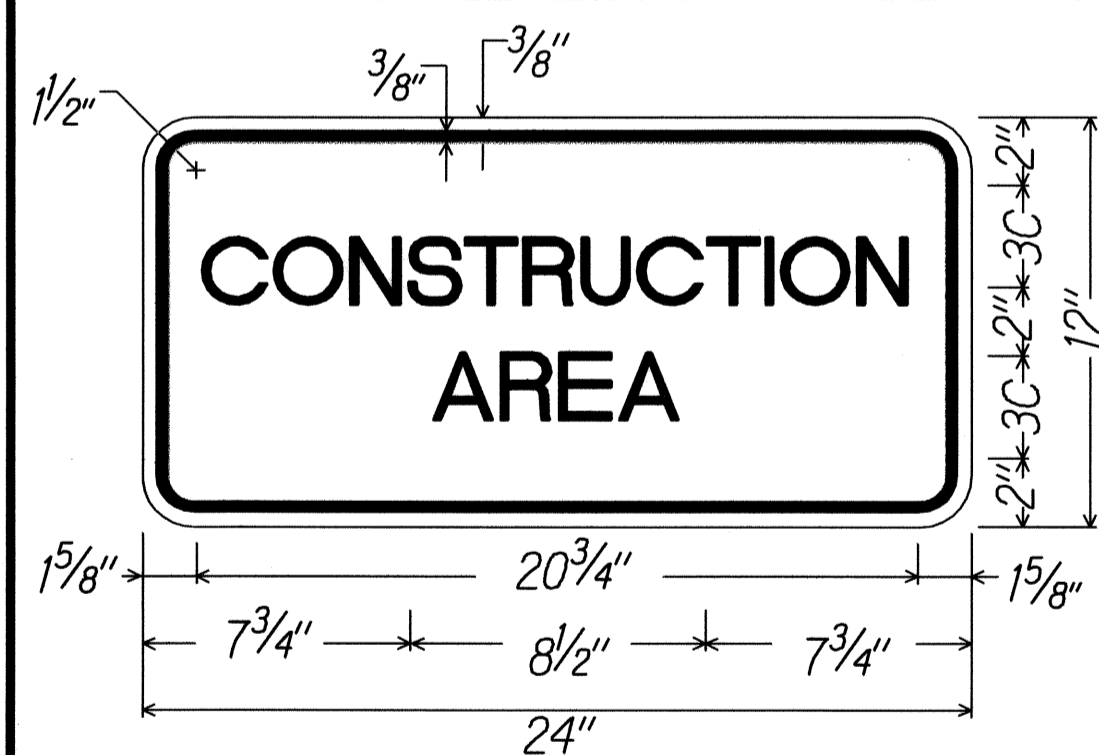
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	250A-01-06M	2009	44	55



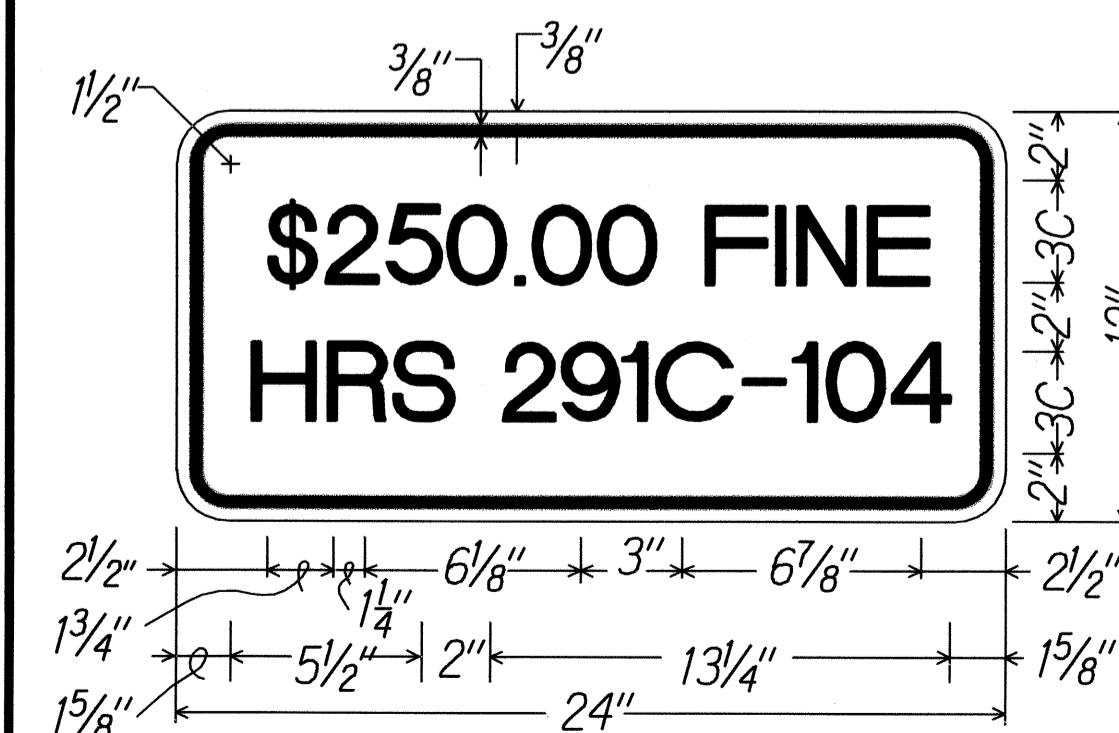
TYPICAL DETAIL FOR CONSTRUCTION SIGNS ON TWO LANE HIGH SPEED HIGHWAY

WORK ZONE NOTES:

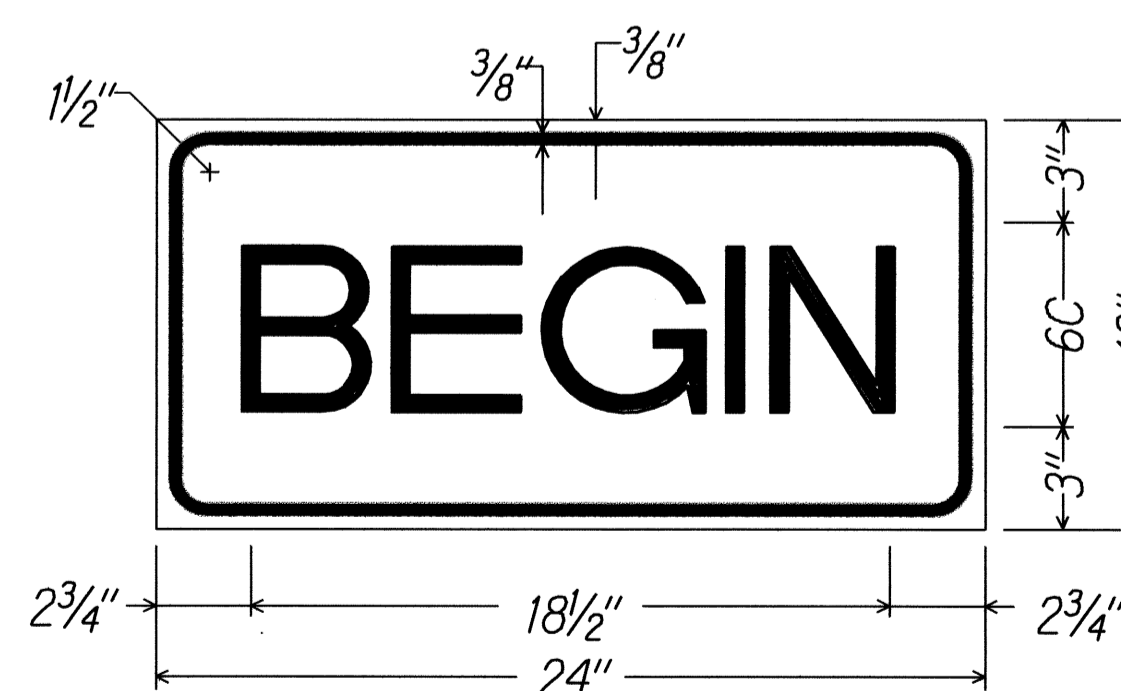
1. This work zone sign plan is intended for use on long-term stationary work zones/construction phases (3 days or more). All work zones or construction phases less than 3 days duration will use Traffic Control Plans shown in Section 645 of the Special Provisions.
2. All existing regulatory speed limit signs with posts within the work zone/project limits shall be removed and replaced with work zone speed limit sign assemblies (R2-1(XX) and R2-5b(XX) with "CONSTRUCTION AREA" and "\$250 FINE HRS 291C-104" Supplemental Signs).
3. Construction sign assemblies shall be installed on both the approaching and trailing ends of each work zone as shown on this plan.
4. Each construction warning sign shall have a minimum of two (2) Type II OM. Each work zone speed limit assembly shall have a minimum of one (1) type II OM. Installation of each Type II OM shall be considered incidental to Item No. 621.7120, Construction Sign with Posts.
5. Upon the completion of all physical work or as directed by the Engineer, all construction signs and work zone speed limit assemblies shall be removed. All speed limit signs and posts that were existing at the start of the project within the work zone/project limits shall be restored back to their original locations and configurations.
6. Placement of construction signs shall not obstruct the path of pedestrians and bicyclists.
7. The removal and restoration of existing regulatory speed limit signs with new posts along with the installation, maintenance and removal of work zone speed limit sign assemblies shall be considered incidental to Item No. 621.7120, Construction Sign with Posts.



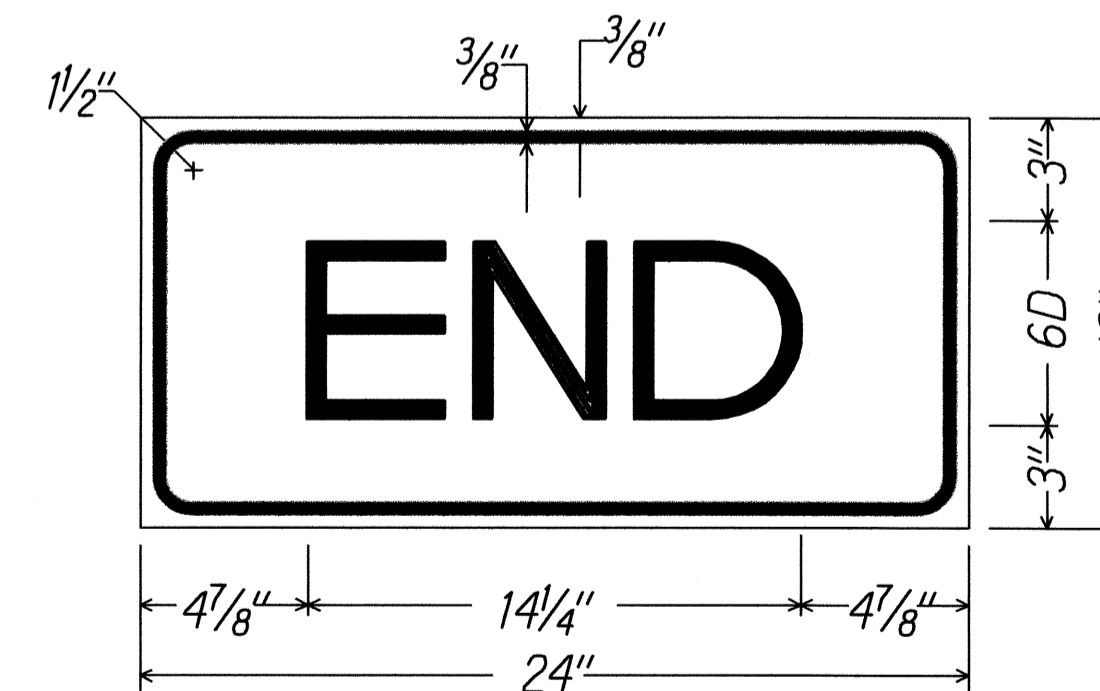
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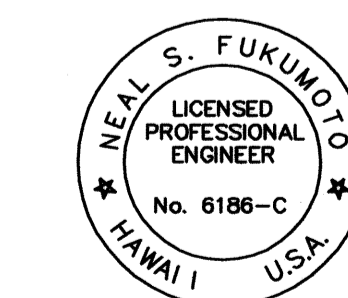


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Neil S. Fukumoto
Wesley R. Segawa & Associates, Inc.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
WORK ZONE SIGNING PLAN
NOTES AND DETAILS
KOHALA MOUNTAIN ROAD PAVEMENT REPAIRS
Waiaka Junction toward Hawi
Project No. 250A-01-06M
Date: April 2009