

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	DPI-0203(1)	2003	27	234

**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)
- STOP**
- 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**

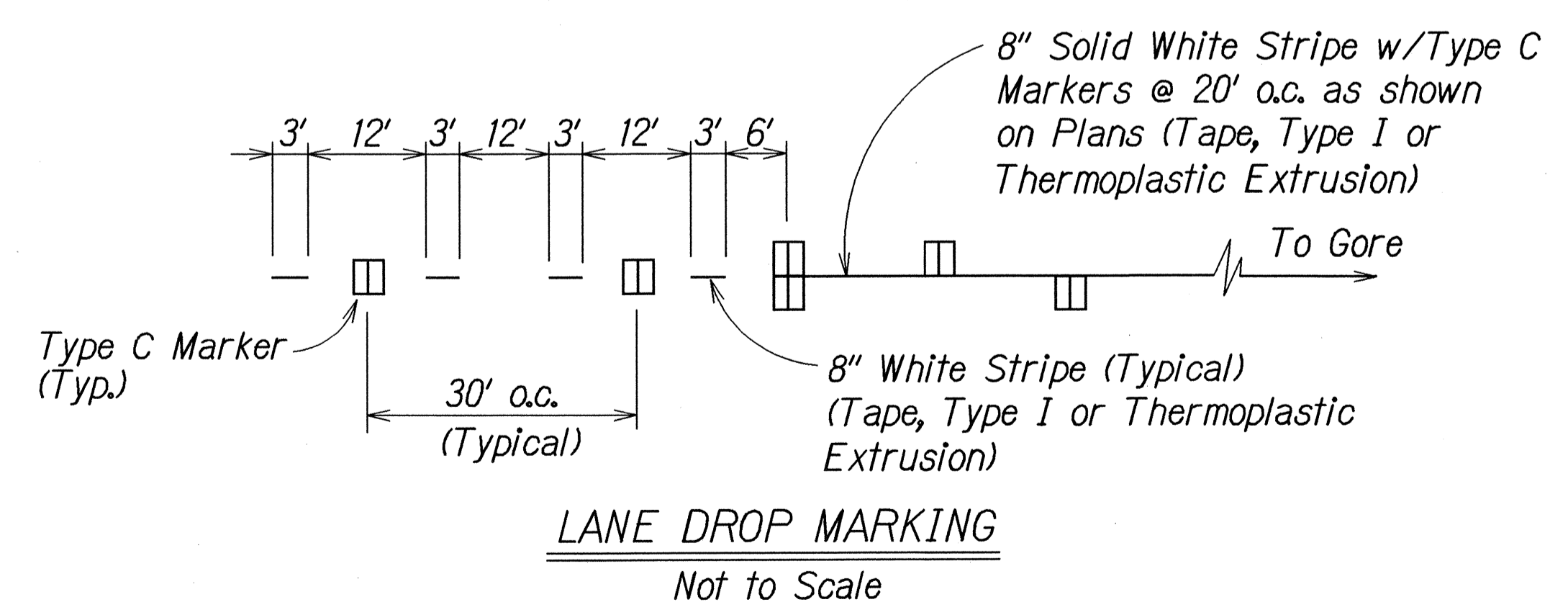
1. Layout of pavement markings and striping shall be done by the Contractor and approved by the Engineer prior to any installation work.
2. Existing pavement markings not incorporated in the final traffic pattern shall be removed as directed by the Engineer. Costs shall be incidental to the various pavement marking items.
3. Final locations of all signs shall be approved by the Engineer prior to any installation work.
4. 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.
5. All pavement striping shall be as noted on the legend or plans.
6. 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.
7. The Contractor shall erect construction 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 call for in Section 645 - Traffic Control. The construction signs shall be new and become the property of the State. The Contractor shall remove, clean, and deliver the signs and posts to the District Baseyard, or as directed by the Engineer, upon the completion of the project.
8. Upon completion of installation for new Reflector Markers, all existing reflector markers shall be removed and disposed. This work shall be considered incidental to Reflector Marker Contract Items.

**TRAFFIC SIGNAL LEGEND**

- New
- Existing
- Loop Detectors
- Loop Detector Pullbox

**REFLECTOR MARKER LEGEND**

- RM-2 with Flexible Delineator Post
- RM-2 with Steel Post
- RM-2 Mounted on Retaining Wall



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

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

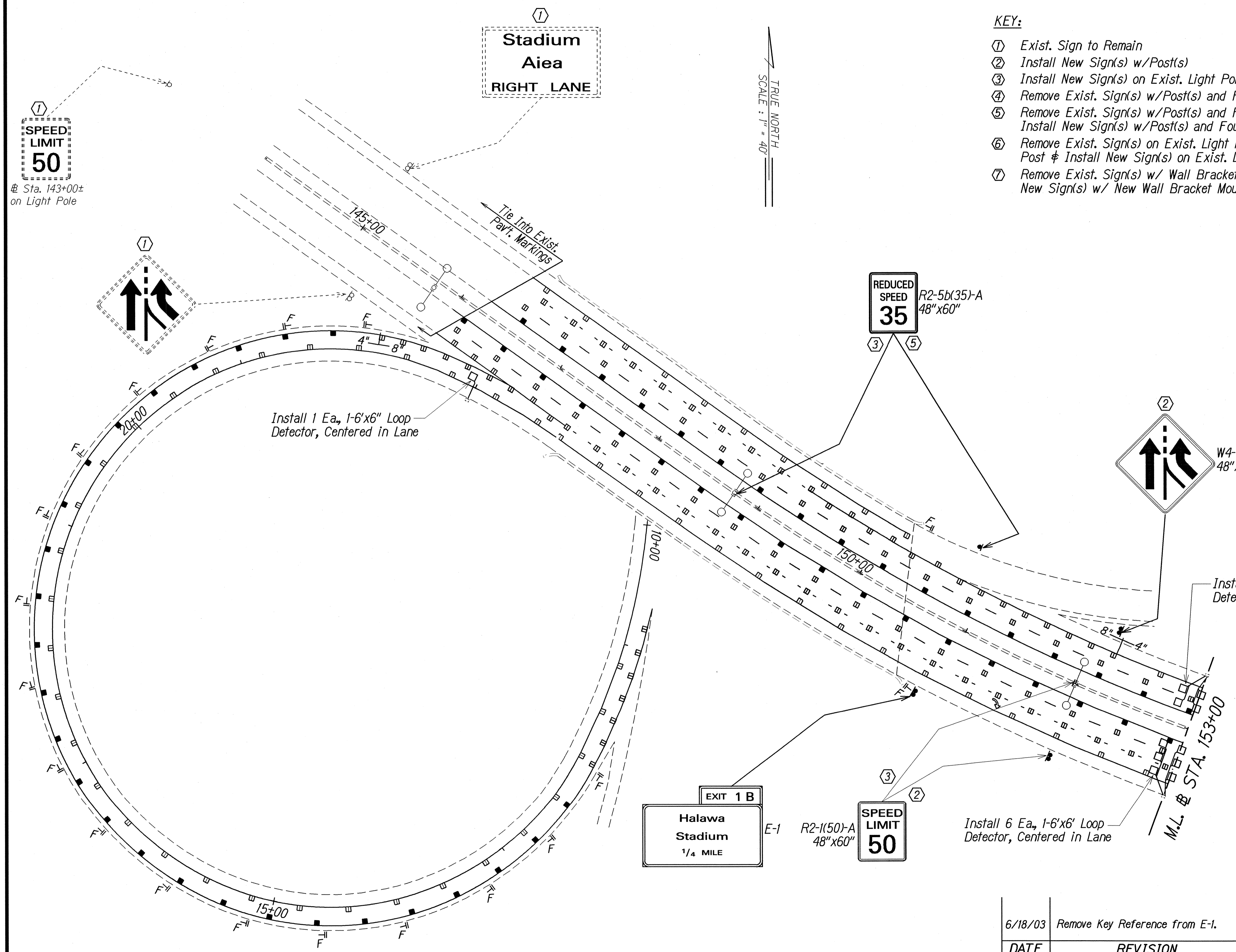
**PAVEMENT MARKING  
LEGEND, DETAILS & NOTES**

**MOANALUA FREEWAY RESURFACING  
Halawa Interchange to Kahauiki Interchange  
Federal Aid Project No. DPI-0203(1)**

Scale: As Noted      Date: June 2002

SHEET No. 71 OF 25 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	DPI-0203(1)	2003	28	234



- KEY:**
- ① Exist. Sign to Remain
  - ② Install New Sign(s) w/Post(s)
  - ③ Install New Sign(s) on Exist. Light Pole or Expressway Sign Post
  - ④ Remove Exist. Sign(s) w/Post(s) and Foundation
  - ⑤ Remove Exist. Sign(s) w/Post(s) and Foundation(s) & Install New Sign(s) w/Post(s) and Foundation(s)
  - ⑥ Remove Exist. Sign(s) on Exist. Light Pole or Expressway Sign Post & Install New Sign(s) on Exist. Light Pole or Expressway Sign Post
  - ⑦ Remove Exist. Sign(s) w/ Wall Bracket Mount and Install New Sign(s) w/ New Wall Bracket Mount

TRUE NORTH  
SCALE: 1" = 40'

①  
**SPEED LIMIT 50**  
@ Sta. 143+00±  
on Light Pole

①  
**↑↑**

**REDUCED SPEED 35**  
R2-5b(35)-A  
48"x60"

②  
**↑↑**  
W4-3-A  
48"x48"

**EXIT 1 B**  
**Halawa Stadium**  
1/4 MILE

E-1  
R2-1(50)-A  
48"x60"

③  
**SPEED LIMIT 50**

Install 6 Ea., 1-6'x6' Loop Detector, Centered in Lane

Install 4 Ea., 1-6'x6' Loop Detector, Centered in Lane

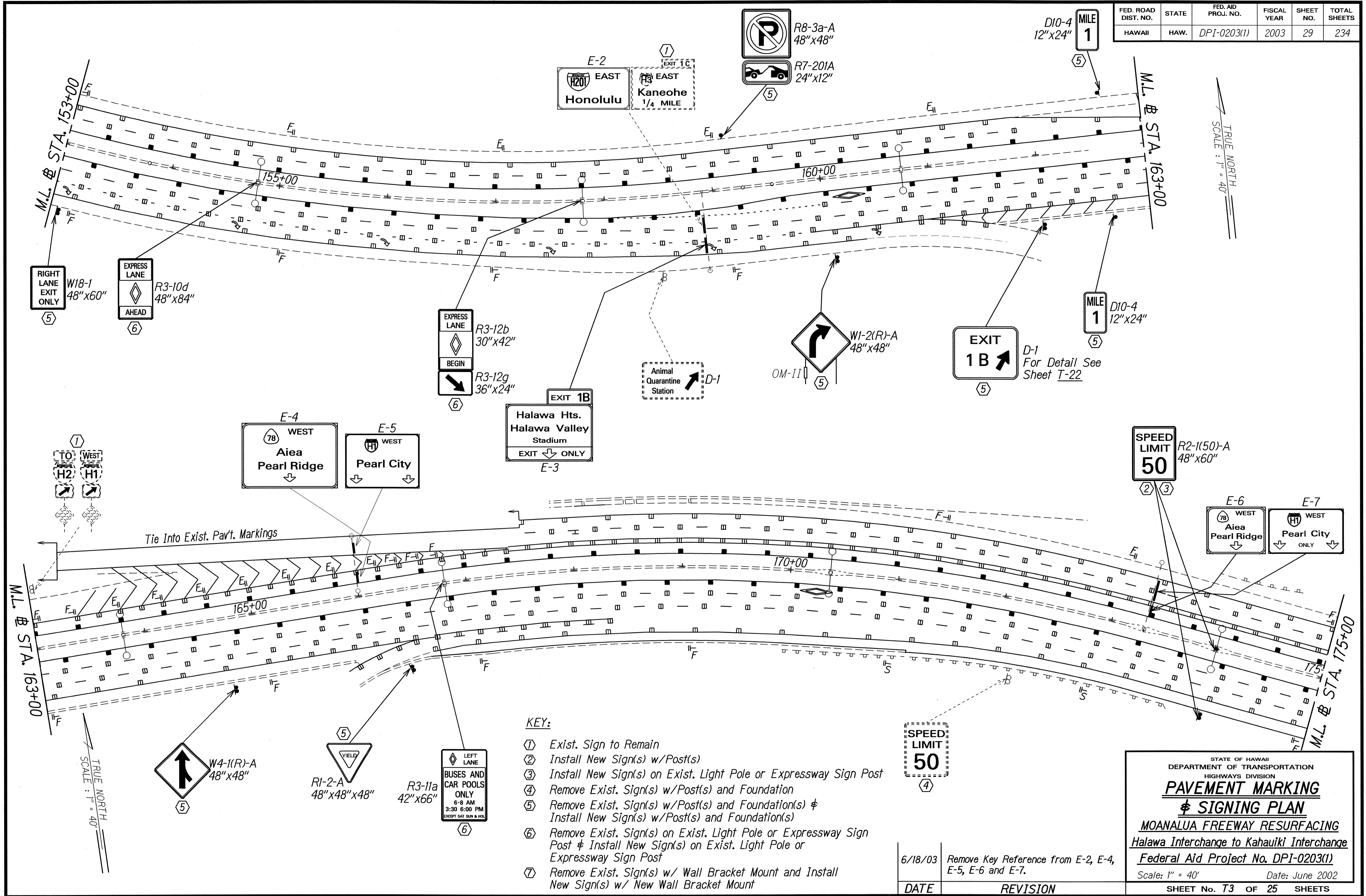
Install 1 Ea., 1-6'x6" Loop Detector, Centered in Lane

SURVEY PLOTTED BY	DATE
DESIGNED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NO. BOOK	
DATE	

DATE	REVISION
6/18/03	Remove Key Reference from E-1.

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**PAVEMENT MARKING**  
**& SIGNING PLAN**  
MOANALUA FREEWAY RESURFACING  
Halawa Interchange to Kahauiki Interchange  
Federal Aid Project No. DPI-0203(1)  
Scale: 1" = 40' Date: June 2002  
SHEET No. 72 OF 25 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	DPI-0203(1)	2003	29	234



TRUE NORTH  
SCALE: 1" = 40'

RIGHT LANE EXIT ONLY  
W18-1  
48"x60"  
5

EXPRESS LANE  
R3-10d  
48"x84"  
AHEAD  
6

EXPRESS LANE  
R3-12b  
30"x42"  
BEGIN  
R3-12g  
36"x24"  
6

EXIT 1B  
Halawa Hts.  
Halawa Valley  
Stadium  
EXIT ONLY  
E-3

E-4  
78 WEST  
Aiea  
Pearl Ridge  
↓

E-5  
H1 WEST  
Pearl City  
↓

SPEED LIMIT  
50  
R2-1(50)-A  
48"x60"  
2 3

E-6  
78 WEST  
Aiea  
Pearl Ridge  
↓

E-7  
H1 WEST  
Pearl City  
ONLY  
↓

M.L. # STA. 163+00

TRUE NORTH  
SCALE: 1" = 40'

W4-1(R)-A  
48"x48"  
5

R1-2-A  
48"x48"x48"  
5

R3-11a  
42"x66"  
6

LEFT LANE  
BUSES AND  
CAR POOLS  
ONLY  
6-9 AM  
3:30-6:00 PM  
EXCEPT SAT SUN & HOL.

SPEED LIMIT  
50  
4

**KEY:**

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- ② Install New Sign(s) w/ Post(s)
- ③ Install New Sign(s) on Exist. Light Pole or Expressway Sign Post
- ④ Remove Exist. Sign(s) w/ Post(s) and Foundation
- ⑤ Remove Exist. Sign(s) w/ Post(s) and Foundation(s) & Install New Sign(s) w/ Post(s) and Foundation(s)
- ⑥ Remove Exist. Sign(s) on Exist. Light Pole or Expressway Sign Post & Install New Sign(s) on Exist. Light Pole or Expressway Sign Post
- ⑦ Remove Exist. Sign(s) w/ Wall Bracket Mount and Install New Sign(s) w/ New Wall Bracket Mount

DATE	REVISION
6/18/03	Remove Key Reference from E-2, E-4, E-5, E-6 and E-7.

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**PAVEMENT MARKING  
& SIGNING PLAN**

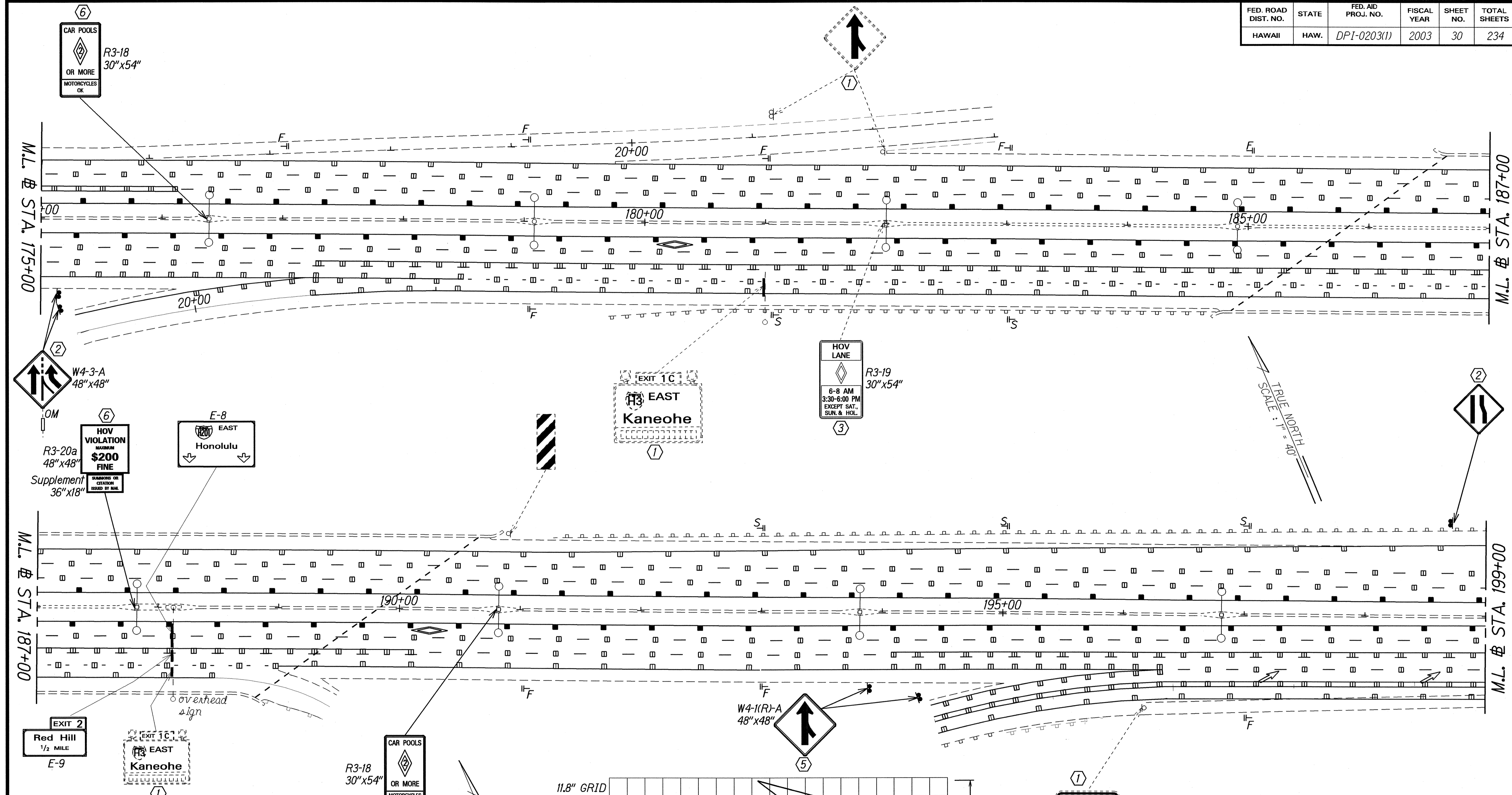
**MOANALUA FREEWAY RESURFACING**  
Halawa Interchange to Kahauiki Interchange  
Federal Aid Project No. DPI-0203(1)

Scale: 1" = 40'      Date: June 2002

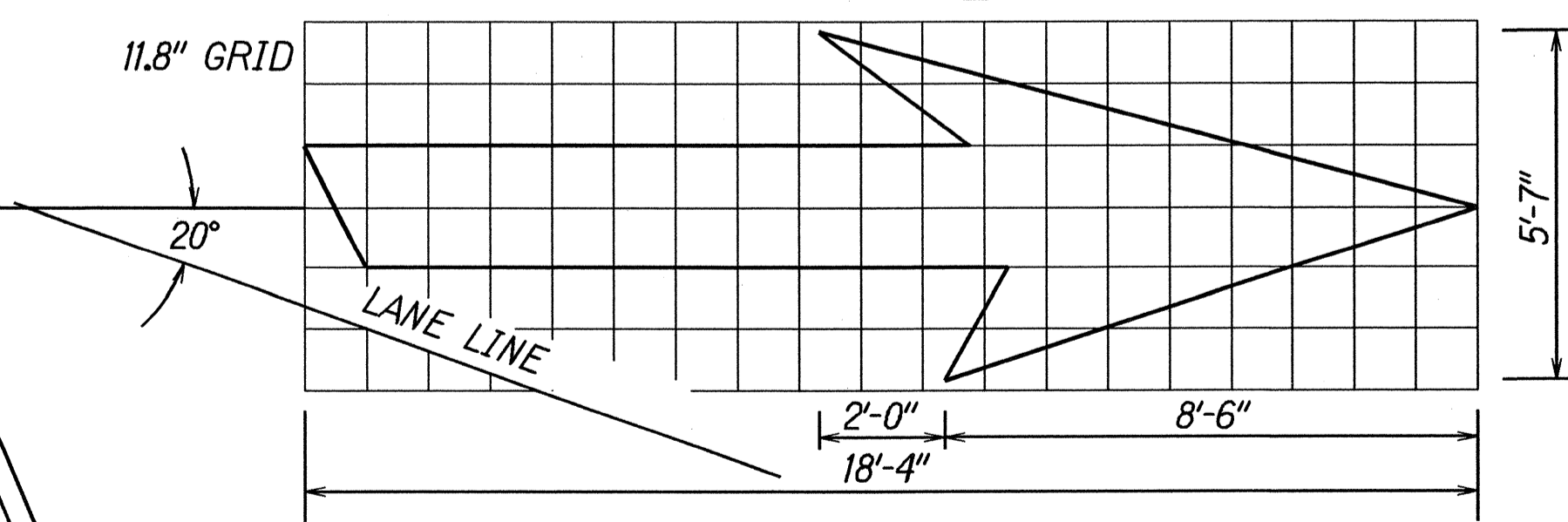
SHEET No. 73 OF 25 SHEETS

SURVEY PLOTTED BY	DATE
DESIGNED BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
DATE	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	DPI-0203(1)	2003	30	234



- KEY:**
- ① Exist. Sign to Remain
  - ② Install New Sign(s) w/Post(s)
  - ③ Install New Sign(s) on Exist. Light Pole or Expressway Sign Post
  - ④ Remove Exist. Sign(s) w/Post(s) and Foundation
  - ⑤ Remove Exist. Sign(s) w/Post(s) and Foundation(s) & Install New Sign(s) w/Post(s) and Foundation(s)
  - ⑥ Remove Exist. Sign(s) on Exist. Light Pole or Expressway Sign Post & Install New Sign(s) on Exist. Light Pole or Expressway Sign Post
  - ⑦ Remove Exist. Sign(s) w/ Wall Bracket Mount and Install New Sign(s) w/ New Wall Bracket Mount



**TYPE VI ARROW**  
RIGHT LANE DROP ARROW  
(FOR LEFT LANE,  
USE MIRROR IMAGE)

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

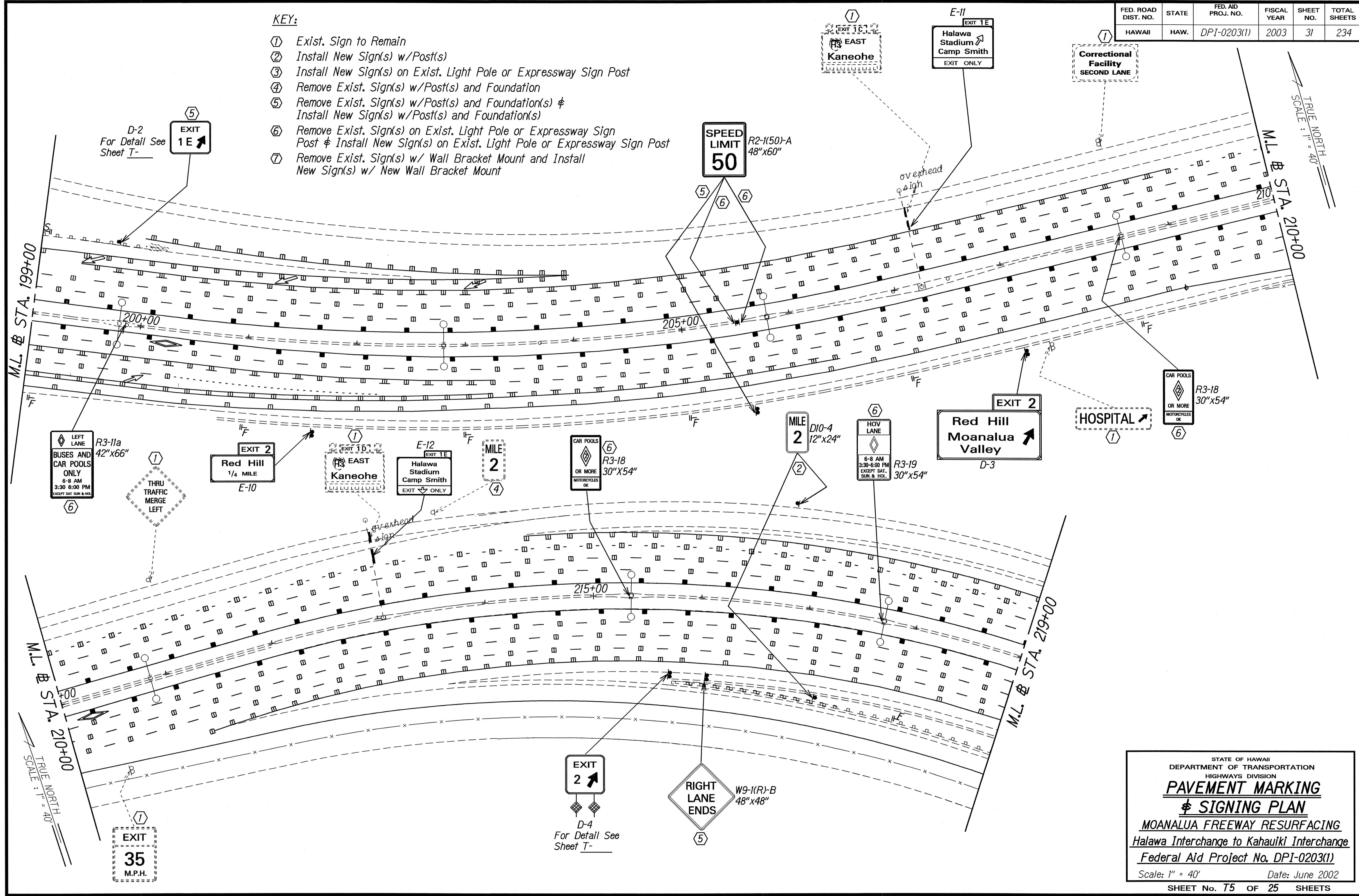
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**PAVEMENT MARKING**  
**& SIGNING PLAN**  
MOANALUA FREEWAY RESURFACING  
Halawa Interchange to Kahauiki Interchange  
Federal Aid Project No. DPI-0203(1)  
Scale: 1" = 40' Date: June 2002  
SHEET No. 74 OF 25 SHEETS

TD2 - Traffic Design Section

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	DPI-0203(1)	2003	31	234

**KEY:**

- ① Exist. Sign to Remain
- ② Install New Sign(s) w/Post(s)
- ③ Install New Sign(s) on Exist. Light Pole or Expressway Sign Post
- ④ Remove Exist. Sign(s) w/Post(s) and Foundation
- ⑤ Remove Exist. Sign(s) w/Post(s) and Foundation(s) & Install New Sign(s) w/Post(s) and Foundation(s)
- ⑥ Remove Exist. Sign(s) on Exist. Light Pole or Expressway Sign Post & Install New Sign(s) on Exist. Light Pole or Expressway Sign Post
- ⑦ Remove Exist. Sign(s) w/ Wall Bracket Mount and Install New Sign(s) w/ New Wall Bracket Mount



SURVEY PLOTTED BY	DATE
DESIGNED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
10/2/02	
10/2/02	

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**PAVEMENT MARKING**  
**& SIGNING PLAN**

**MOANALUA FREEWAY RESURFACING**  
*Halawa Interchange to Kahauiki Interchange*

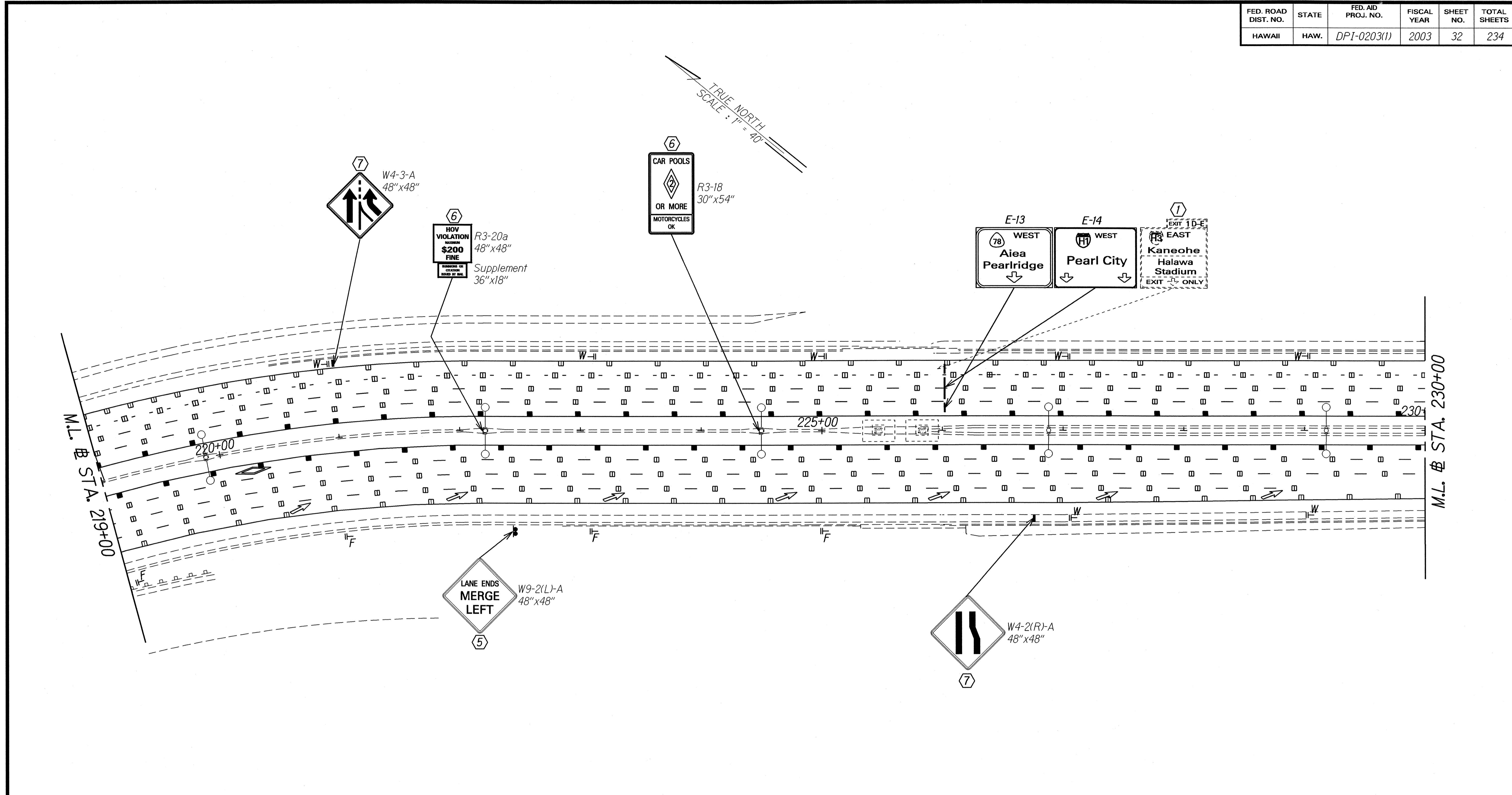
*Federal Aid Project No. DPI-0203(1)*

Scale: 1" = 40'      Date: June 2002

SHEET No. 75 OF 25 SHEETS

T12 - Traffic Design Section

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	DPI-0203(1)	2003	32	234



**KEY:**

- ① Exist. Sign to Remain
- ② Install New Sign(s) w/Post(s)
- ③ Install New Sign(s) on Exist. Light Pole or Expressway Sign Post
- ④ Remove Exist. Sign(s) w/Post(s) and Foundation
- ⑤ Remove Exist. Sign(s) w/Post(s) and Foundation(s) & Install New Sign(s) w/Post(s) and Foundation(s)
- ⑥ Remove Exist. Sign(s) on Exist. Light Pole or Expressway Sign Post & Install New Sign(s) on Exist. Light Pole or Expressway Sign Post
- ⑦ Remove Exist. Sign(s) w/ Wall Bracket Mount and Install New Sign(s) w/ New Wall Bracket Mount

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

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

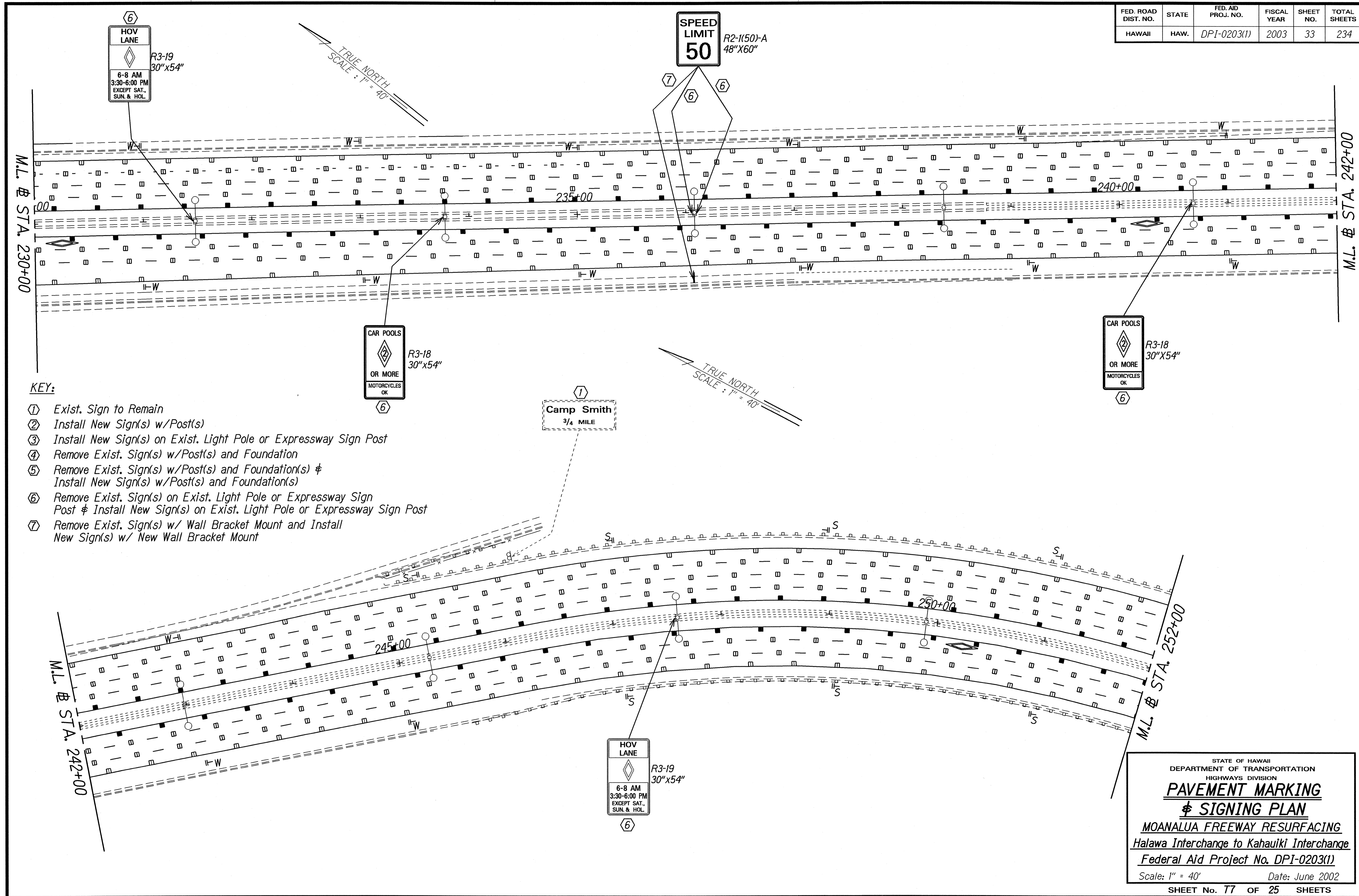
**PAVEMENT MARKING**  
**& SIGNING PLAN**

*MOANALUA FREEWAY RESURFACING*  
*Halawa Interchange to Kahauiki Interchange*  
*Federal Aid Project No. DPI-0203(1)*

Scale: 1" = 40'      Date: June 2002

TD2 - Traffic Design Section

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	DPI-0203(1)	2003	33	234



- KEY:**
- ① Exist. Sign to Remain
  - ② Install New Sign(s) w/Post(s)
  - ③ Install New Sign(s) on Exist. Light Pole or Expressway Sign Post
  - ④ Remove Exist. Sign(s) w/Post(s) and Foundation
  - ⑤ Remove Exist. Sign(s) w/Post(s) and Foundation(s) & Install New Sign(s) w/Post(s) and Foundation(s)
  - ⑥ Remove Exist. Sign(s) on Exist. Light Pole or Expressway Sign Post & Install New Sign(s) on Exist. Light Pole or Expressway Sign Post
  - ⑦ Remove Exist. Sign(s) w/ Wall Bracket Mount and Install New Sign(s) w/ New Wall Bracket Mount

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
NOTED BY	
CHECKED BY	

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

### PAVEMENT MARKING & SIGNING PLAN

**MOANALUA FREEWAY RESURFACING**  
Halawa Interchange to Kahauiki Interchange  
Federal Aid Project No. DPI-0203(1)

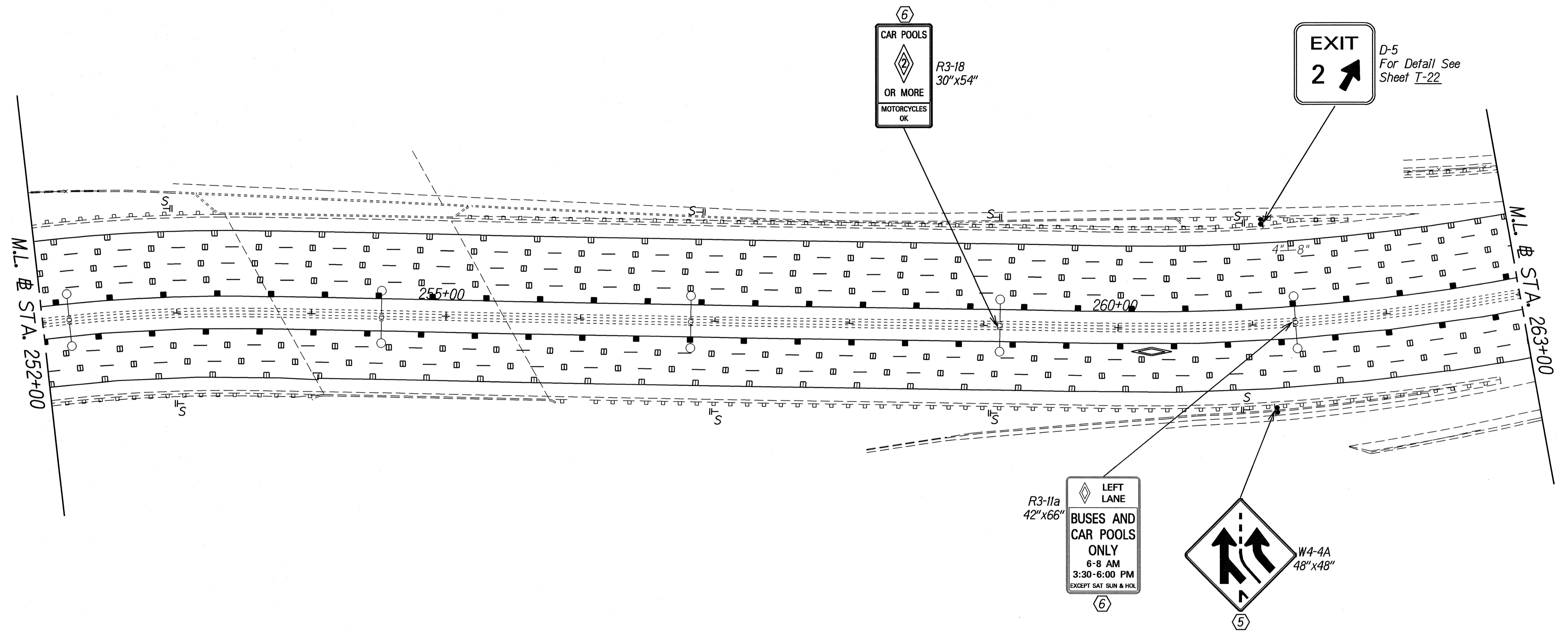
Scale: 1" = 40'      Date: June 2002

SHEET No. 77 OF 25 SHEETS

TT2 - Traffic Design Section

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	DPI-0203(1)	2003	34	234

TRUE NORTH  
SCALE : 1" = 40'



SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
162/may	
N. / 10/20/07	

**KEY:**

- ① Exist. Sign to Remain
- ② Install New Sign(s) w/Post(s)
- ③ Install New Sign(s) on Exist. Light Pole or Expressway Sign Post
- ④ Remove Exist. Sign(s) w/Post(s) and Foundation
- ⑤ Remove Exist. Sign(s) w/Post(s) and Foundation(s) & Install New Sign(s) w/Post(s) and Foundation(s)
- ⑥ Remove Exist. Sign(s) on Exist. Light Pole or Expressway Sign Post & Install New Sign(s) on Exist. Light Pole or Expressway Sign Post
- ⑦ Remove Exist. Sign(s) w/ Wall Bracket Mount and Install New Sign(s) w/ New Wall Bracket Mount

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

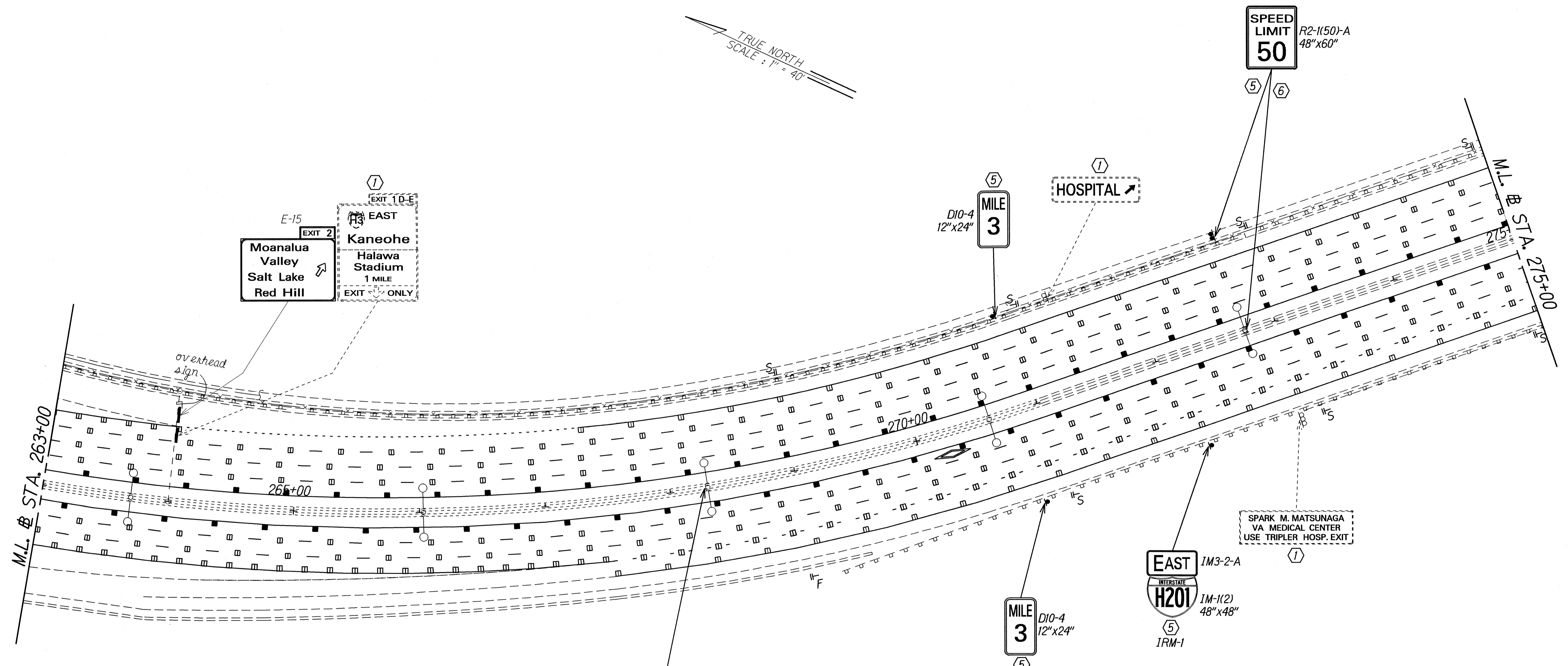
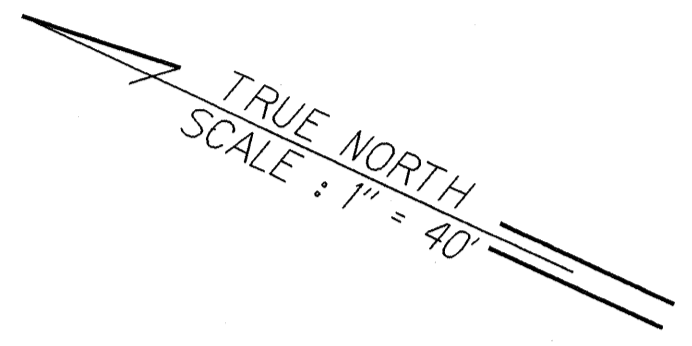
**PAVEMENT MARKING  
& SIGNING PLAN**

**MOANALUA FREEWAY RESURFACING**  
Halawa Interchange to Kahauiki Interchange  
Federal Aid Project No. DPI-0203(1)

Scale: 1" = 40'      Date: June 2002

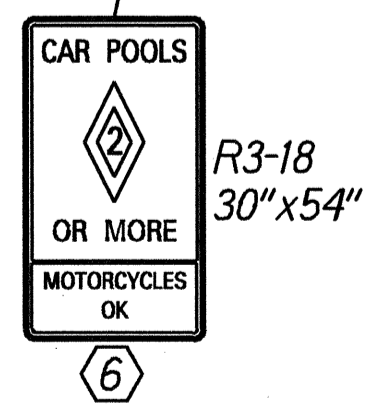
SHEET No. 78 OF 25 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	DPI-0203(1)	2003	35	234



**KEY:**

- ① Exist. Sign to Remain
- ② Install New Sign(s) w/Post(s)
- ③ Install New Sign(s) on Exist. Light Pole or Expressway Sign Post
- ④ Remove Exist. Sign(s) w/Post(s) and Foundation
- ⑤ Remove Exist. Sign(s) w/Post(s) and Foundation(s) & Install New Sign(s) w/Post(s) and Foundation(s)
- ⑥ Remove Exist. Sign(s) on Exist. Light Pole or Expressway Sign Post & Install New Sign(s) on Exist. Light Pole or Expressway Sign Post
- ⑦ Remove Exist. Sign(s) w/ Wall Bracket Mount and Install New Sign(s) w/ New Wall Bracket Mount



ORIGINAL PLAN	DATE
NOTE BOOK	DESIGNED BY
QUANTITIES BY	CHECKED BY

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**PAVEMENT MARKING  
& SIGNING PLAN**

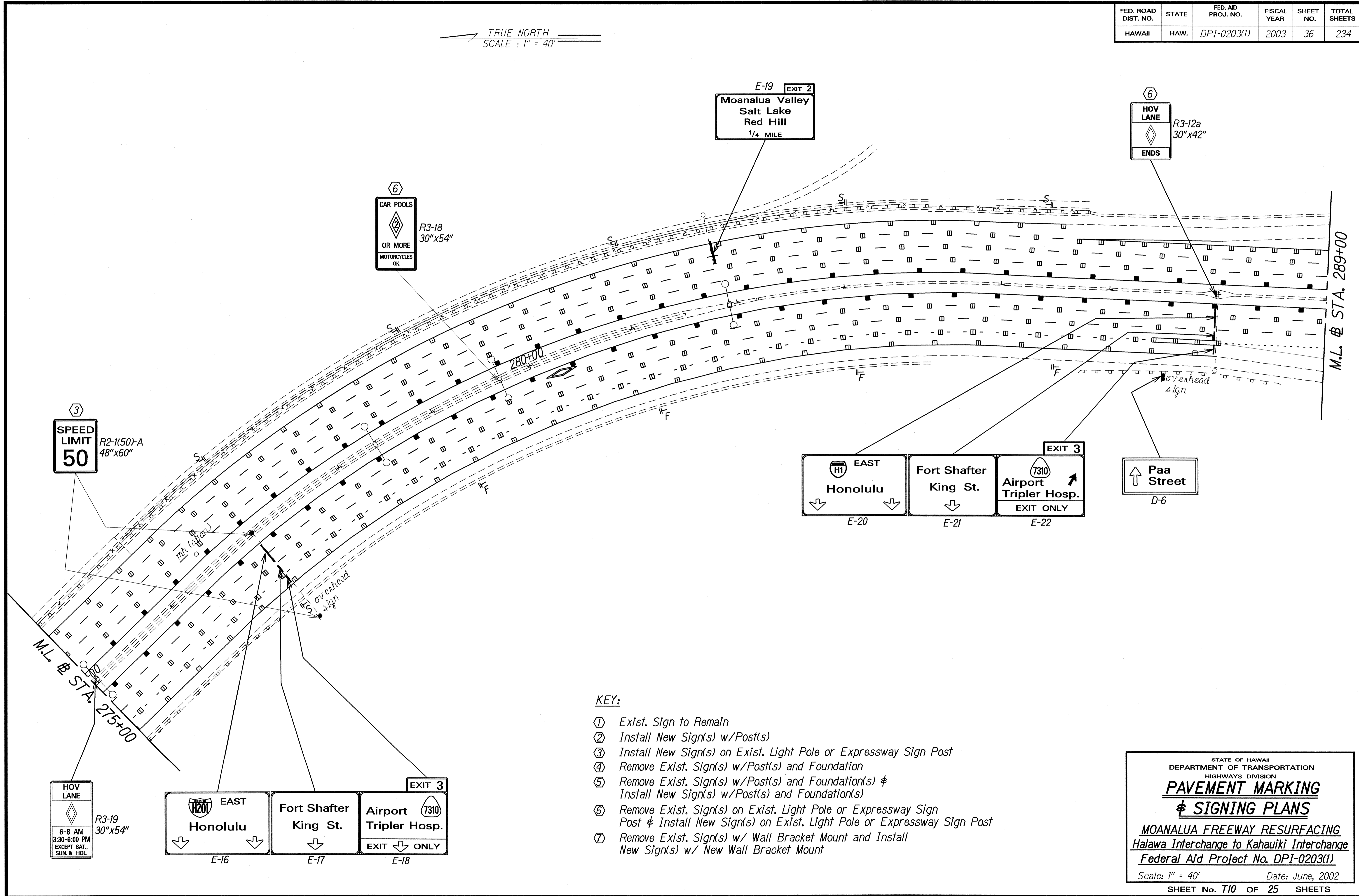
*MOANALUA FREEWAY RESURFACING  
Halawa Interchange to Kahauiki Interchange  
Federal Aid Project No. DPI-0203(1)*

Scale: 1" = 40'      Date: June 2002

SHEET No. 79 OF 25 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	DPI-0203(1)	2003	36	234

TRUE NORTH  
SCALE : 1" = 40'



SURVEY PLOTTED BY	DATE
PLAN	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
NOTE BOOK	
7/2/02	
7/2/02	

- KEY:**
- ① Exist. Sign to Remain
  - ② Install New Sign(s) w/Post(s)
  - ③ Install New Sign(s) on Exist. Light Pole or Expressway Sign Post
  - ④ Remove Exist. Sign(s) w/Post(s) and Foundation
  - ⑤ Remove Exist. Sign(s) w/Post(s) and Foundation(s) & Install New Sign(s) w/Post(s) and Foundation(s)
  - ⑥ Remove Exist. Sign(s) on Exist. Light Pole or Expressway Sign Post & Install New Sign(s) on Exist. Light Pole or Expressway Sign Post
  - ⑦ Remove Exist. Sign(s) w/ Wall Bracket Mount and Install New Sign(s) w/ New Wall Bracket Mount

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**PAVEMENT MARKING  
& SIGNING PLANS**

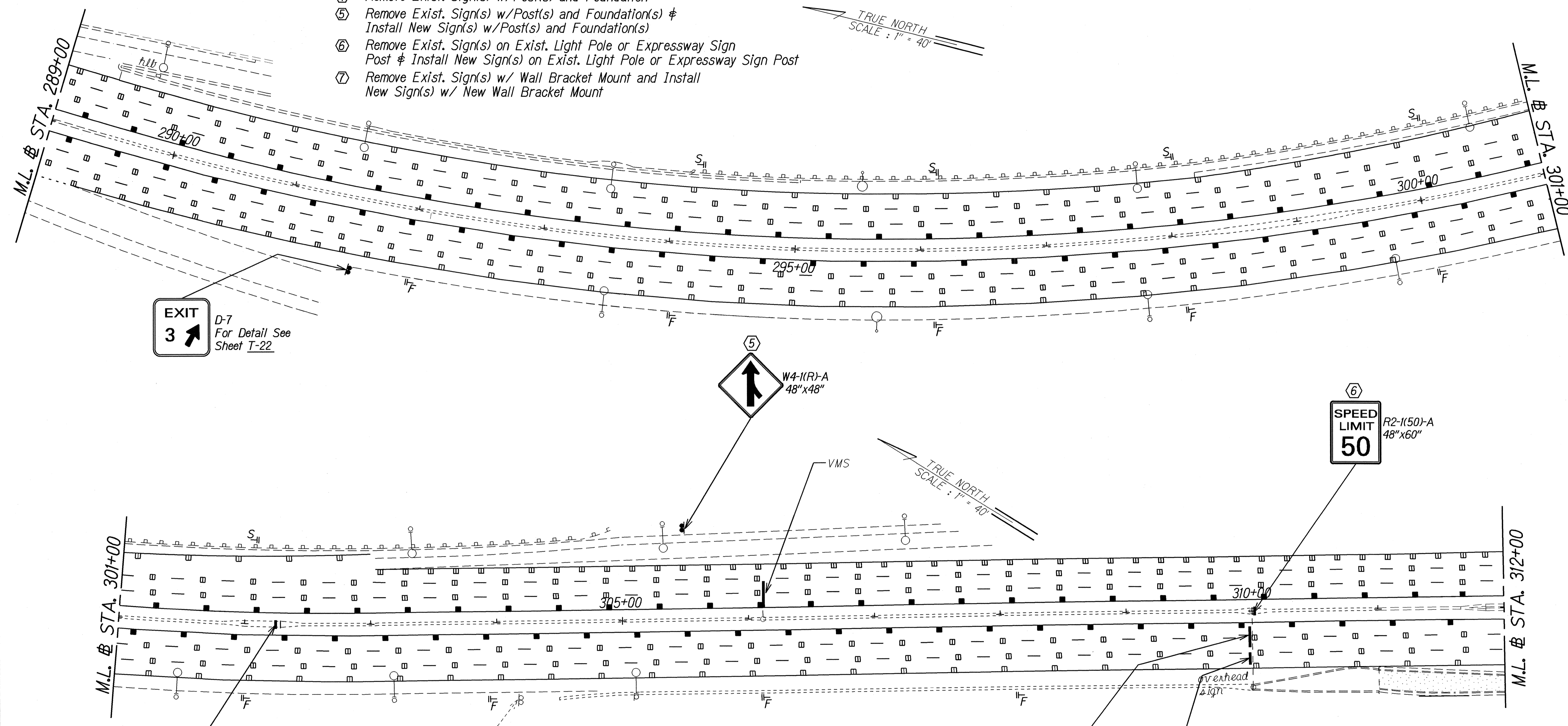
MOANALUA FREEWAY RESURFACING  
Halawa Interchange to Kahauiki Interchange  
Federal Aid Project No. DPI-0203(1)

Scale: 1" = 40' Date: June, 2002

SHEET No. 710 OF 25 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	DPI-0203(1)	2003	37	234

- KEY:**
- ① Exist. Sign to Remain
  - ② Install New Sign(s) w/Post(s)
  - ③ Install New Sign(s) on Exist. Light Pole or Expressway Sign Post
  - ④ Remove Exist. Sign(s) w/Post(s) and Foundation
  - ⑤ Remove Exist. Sign(s) w/Post(s) and Foundation(s) & Install New Sign(s) w/Post(s) and Foundation(s)
  - ⑥ Remove Exist. Sign(s) on Exist. Light Pole or Expressway Sign Post & Install New Sign(s) on Exist. Light Pole or Expressway Sign Post
  - ⑦ Remove Exist. Sign(s) w/ Wall Bracket Mount and Install New Sign(s) w/ New Wall Bracket Mount



**EXIT 3**  
 D-7  
 For Detail See Sheet T-22

⑤  
**W4-1(R)-A**  
 48"x48"

⑥  
**SPEED LIMIT 50**  
 R2-1(50)-A  
 48"x60"

⑥  
**SPEED LIMIT 50**  
 R2-1(50)-A  
 48"x60"

⑦  
**14'-3"**  
 LOW CLEARANCE  
 14' IN.

**EAST**  
**Honolulu**  
 E-23

**Fort Shafter**  
**King St.**  
 E-24

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

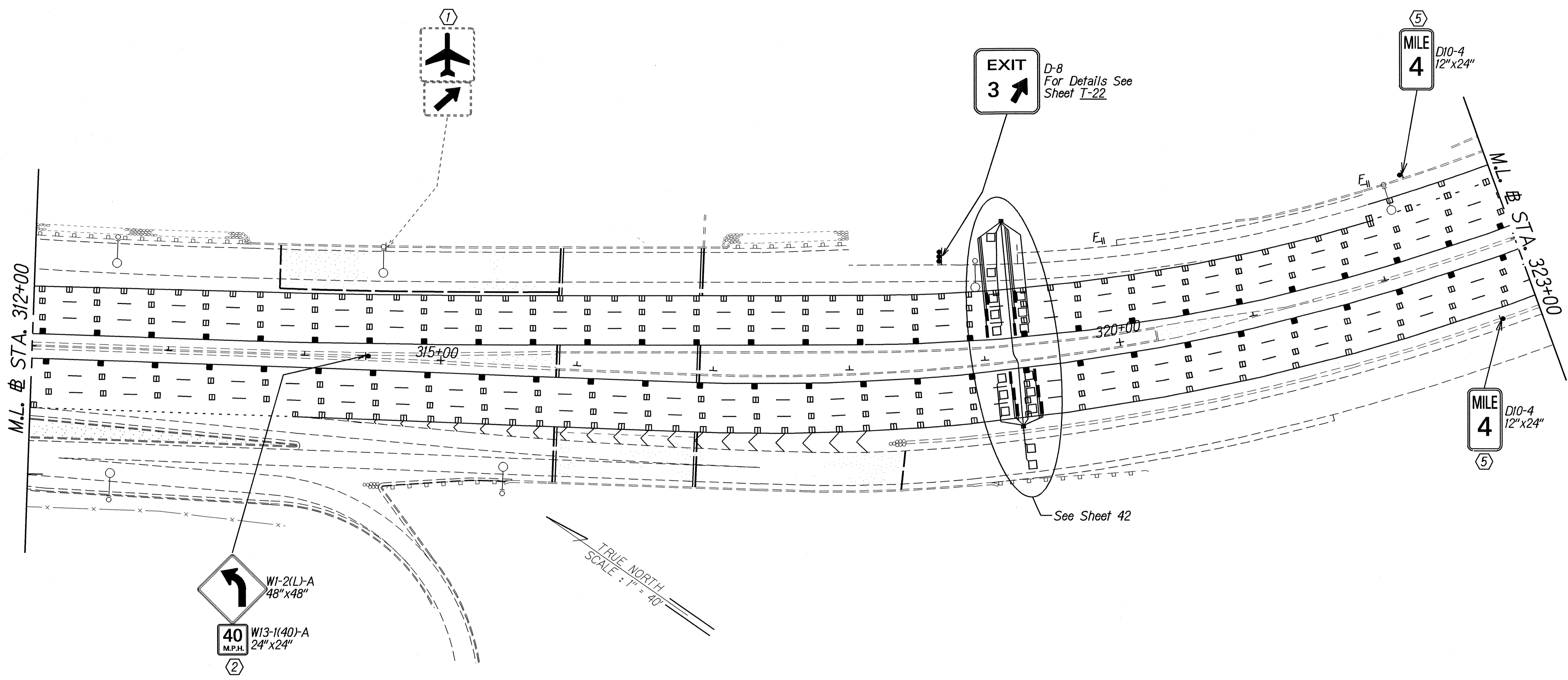
STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

**PAVEMENT MARKING**  
 & **SIGNING PLAN**

**MOANALUA FREEWAY RESURFACING**  
 Halawa Interchange to Kahauiki Interchange  
 Federal Aid Project No. DPI-0203(1)

Scale: 1" = 40'      Date: June 2002  
 SHEET No. 711 OF 25 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	DPI-0203(1)	2003	38	234



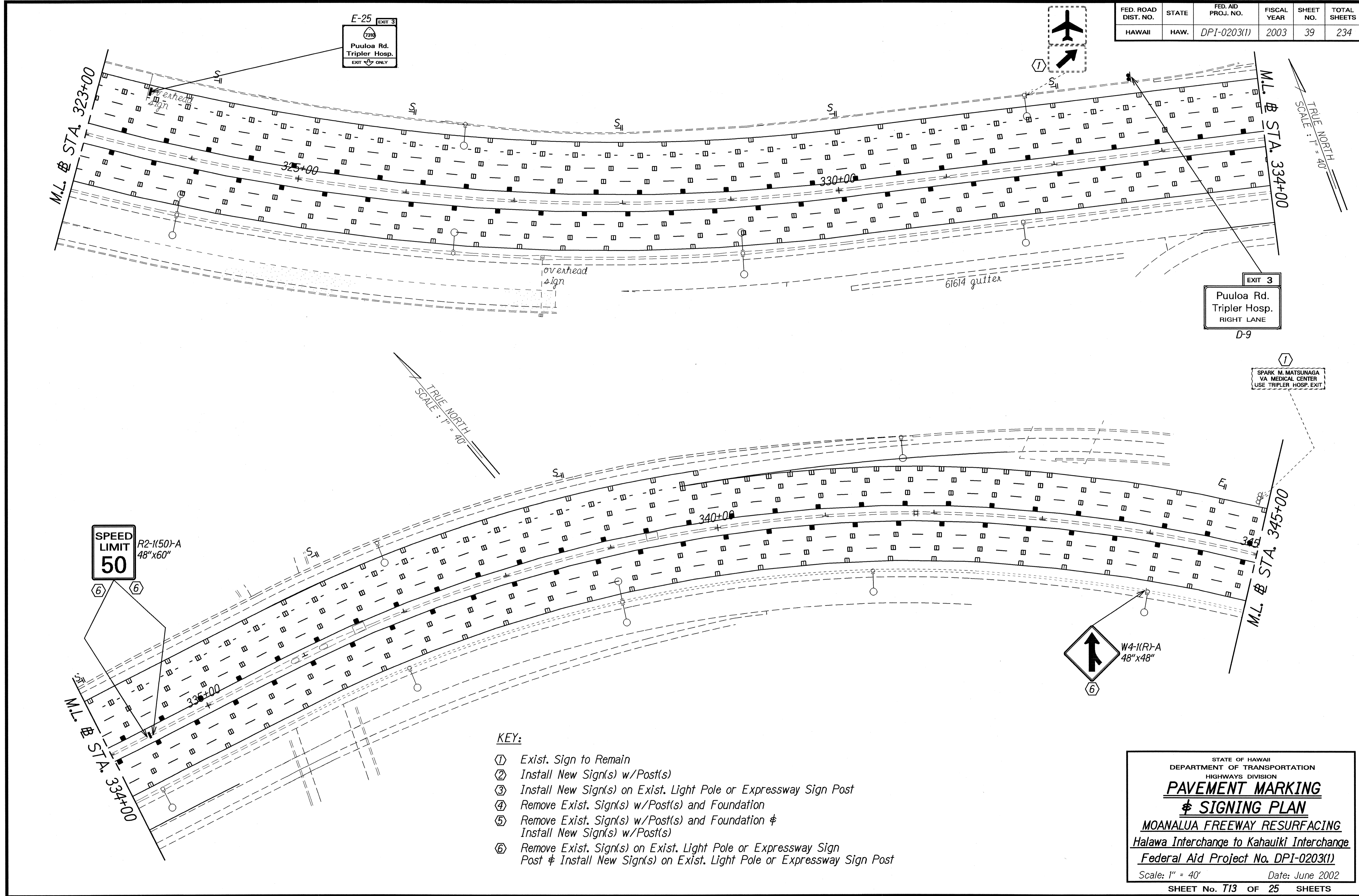
SURVEY PLOTTED BY	DATE
DRAWN BY <i>M. Lakshmi</i>	
NOTE BOOK	
DESIGNED BY <i>Steven Loshida</i>	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
1/2/03	

**KEY:**

- ① Exist. Sign to Remain
- ② Install New Sign(s) w/Post(s)
- ③ Install New Sign(s) on Exist. Light Pole or Expressway Sign Post
- ④ Remove Exist. Sign(s) w/Post(s) and Foundation
- ⑤ Remove Exist. Sign(s) w/Post(s) and Foundation(s) & Install New Sign(s) w/Post(s) and Foundation(s)
- ⑥ Remove Exist. Sign(s) on Exist. Light Pole or Expressway Sign Post & Install New Sign(s) on Exist. Light Pole or Expressway Sign Post
- ⑦ Remove Exist. Sign(s) w/ Wall Bracket Mount and Install New Sign(s) w/ New Wall Bracket Mount

5/28/03	Add W1-2(L)-A & W13-1(40)-A Signs
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION <b>PAVEMENT MARKING</b> <b>&amp; SIGNING PLAN</b> MOANALUA FREEWAY PAVEMENT IMPROVEMENTS Halawa Interchange to Kahauiki Interchange Federal Aid Project No. DPI-0203(1) Scale: 1" = 40'      Date: June 2002 SHEET No. 712 OF 25 SHEETS	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	DPI-0203(1)	2003	39	234



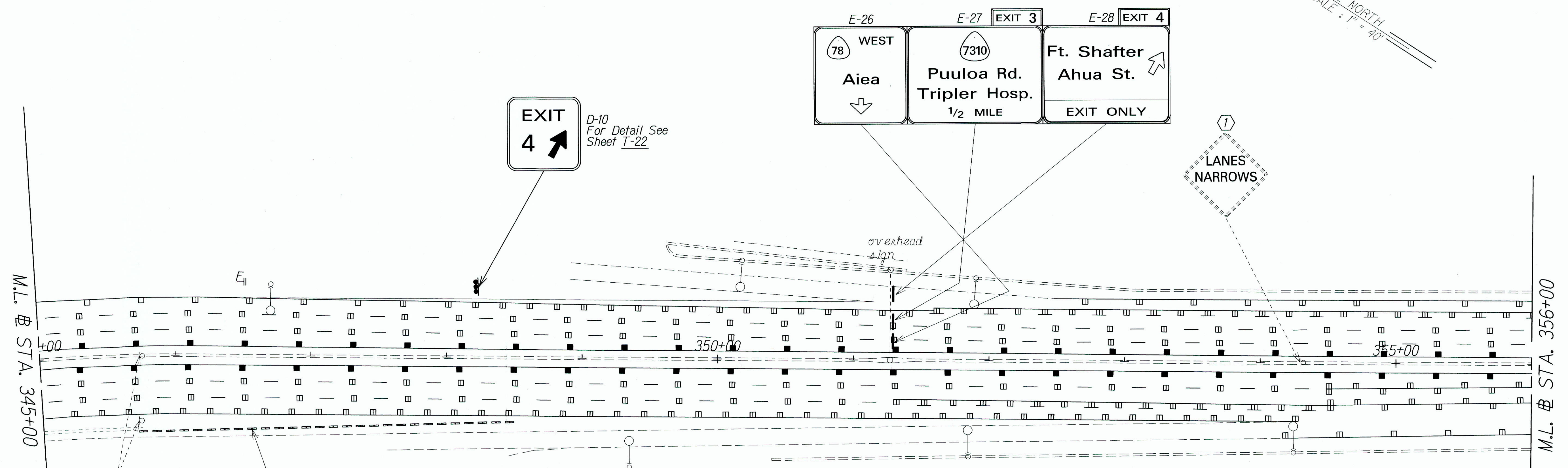
SURVEY PLOTTED BY	DATE
DESIGNED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
10/2/02	
N. / INSISTE	

- KEY:**
- ① Exist. Sign to Remain
  - ② Install New Sign(s) w/Post(s)
  - ③ Install New Sign(s) on Exist. Light Pole or Expressway Sign Post
  - ④ Remove Exist. Sign(s) w/Post(s) and Foundation
  - ⑤ Remove Exist. Sign(s) w/Post(s) and Foundation & Install New Sign(s) w/Post(s)
  - ⑥ Remove Exist. Sign(s) on Exist. Light Pole or Expressway Sign Post & Install New Sign(s) on Exist. Light Pole or Expressway Sign Post

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**PAVEMENT MARKING**  
& **SIGNING PLAN**  
**MOANALUA FREEWAY RESURFACING**  
Halawa Interchange to Kahauiki Interchange  
Federal Aid Project No. DPI-0203(1)  
Scale: 1" = 40' Date: June 2002

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	DPI-0203(1)	2003	40	234

TRUE NORTH  
SCALE: 1" = 40'



**EXIT 4**  
D-10  
For Detail See Sheet T-22

E-26 WEST  
Aiea

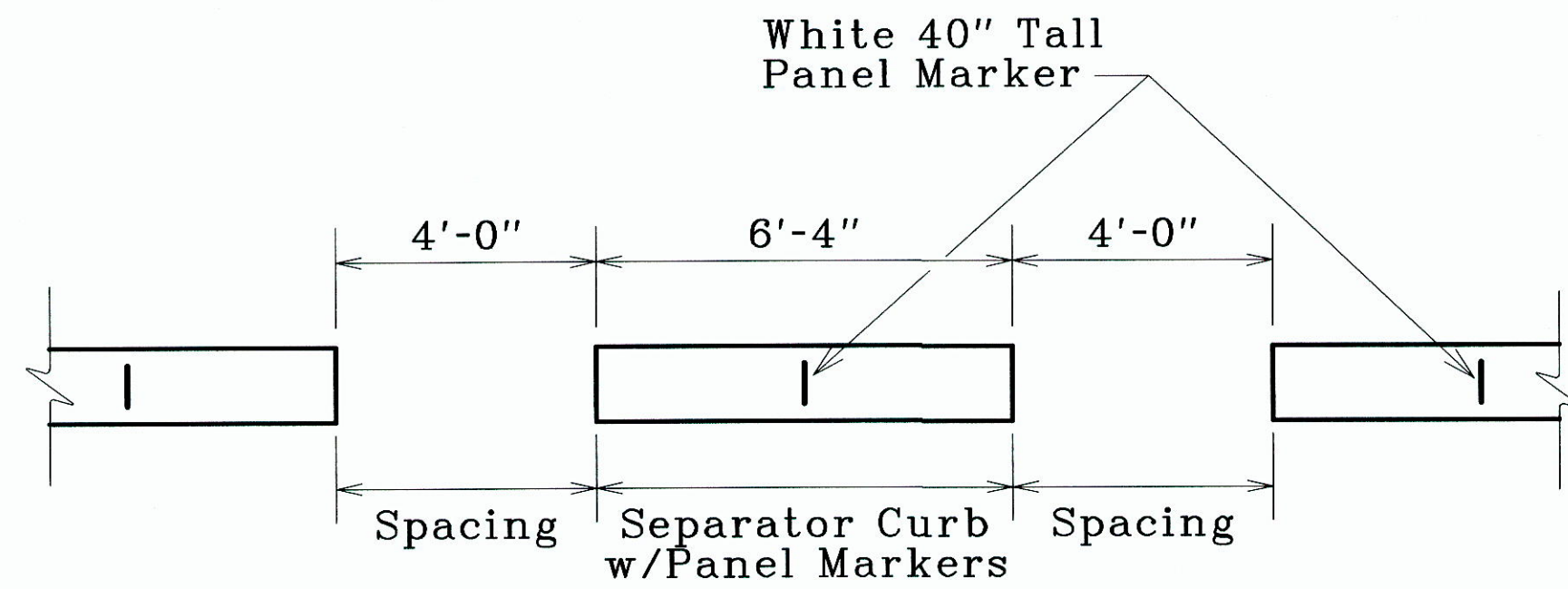
E-27 EXIT 3  
Puuloa Rd. Tripler Hosp.  
1/2 MILE

E-28 EXIT 4  
Ft. Shafter Ahua St.  
EXIT ONLY

LANES NARROWS

LANES NARROWS  
1000 FT.

Install 280 L.F. New Permanent Quick Kurb System or Equivalent\* w/ White 40" Tall Panel Markers @ Approx. 10' O.C., Sta. 345+70± Rt. to Sta. 348+50± Rt.



Typical Separator Curb Layout  
Not to Scale

\*Note: Quick Kurb System or equivalent shall be NCHRP Report 350, TL-3 Compliant.

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- ⑥ Remove Exist. Sign(s) on Exist. Light Pole or Expressway Sign Post & Install New Sign(s) on Exist. Light Pole or Expressway Sign Post
- ⑦ Remove Exist. Sign(s) w/ Wall Bracket Mount and Install New Sign(s) w/ New Wall Bracket Mount

**LEGEND FOR AS-BUILT POSTINGS**

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

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**PAVEMENT MARKING**  
**¢ SIGNING PLAN**

MOANALUA FREEWAY RESURFACING  
Halawa Interchange to Kahauiki Interchange  
Federal Aid Project No. DPI-0203(1)

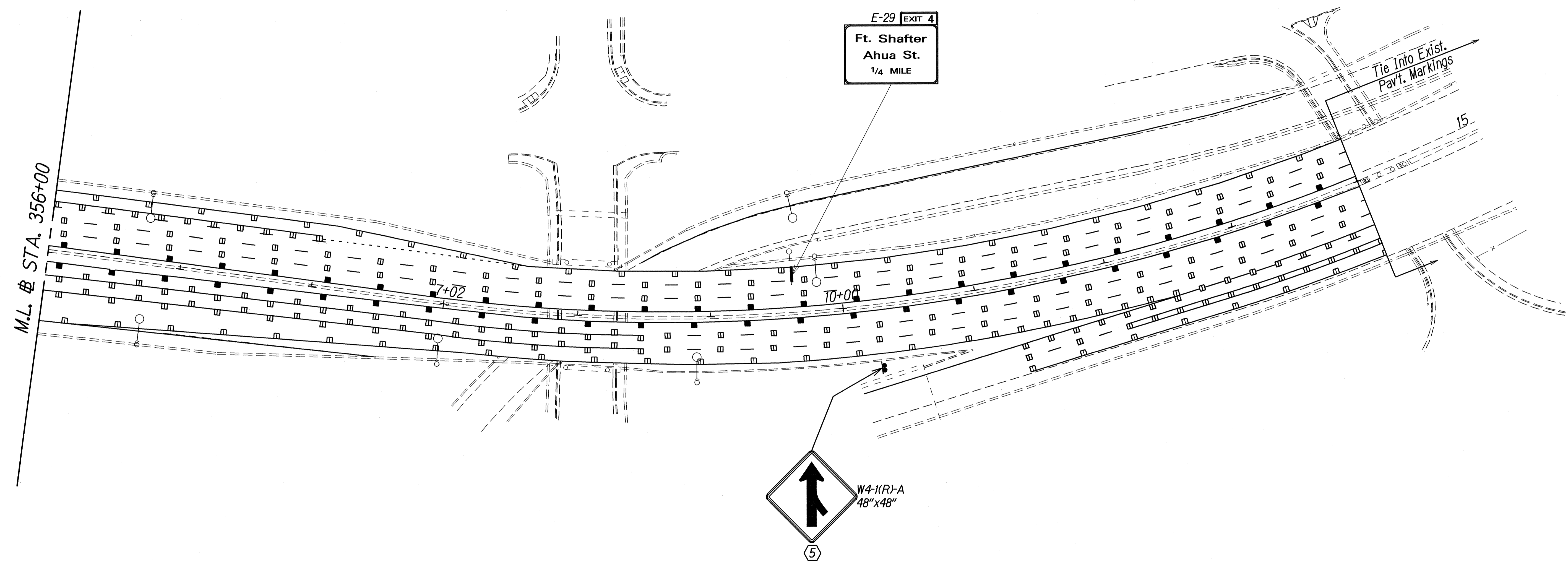
Scale: 1" = 40' Date: June 2002

SHEET No. T14 OF 25 SHEETS

SURVEY PLOTTED BY: DATE: X  
 DRAWN BY: M. Takafuji  
 CHECKED BY: Steven Yoshida  
 NOTE BOOK: Telab  
 QUANTITIES BY: N. Tzoumpis  
 CHECKED BY:

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	DPI-0203(1)	2003	41	234

TRUE NORTH  
SCALE: 1" = 40'



**KEY:**

- ① Exist. Sign to Remain
- ② Install New Sign(s) w/Post(s)
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- ⑦ Remove Exist. Sign(s) w/ Wall Bracket Mount and Install New Sign(s) w/ New Wall Bracket Mount

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
162/1004	
162/1004	

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**PAVEMENT MARKING**  
**& SIGNING PLAN**

**MOANALUA FREEWAY RESURFACING**  
*Halawa Interchange to Kahauiki Interchange*  
Federal Aid Project No. DPI-0203(1)

Scale: 1" = 40'      Date: June 2002