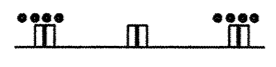
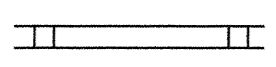
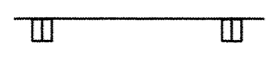


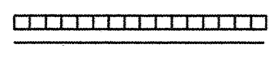
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19C-01-02	2002	8	34


**LEGEND**

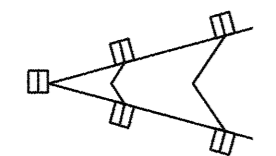
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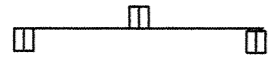
Lane Change Restriction Marking  
4 Each Type A Raised Pavement Marker,  
Type C Raised Pavement Marker @ 20'-0" O.C.  
4" White Stripe (Tape, Type I or Thermoplastic Extrusion)
- 

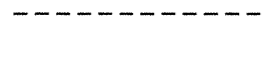
4" Double Solid Yellow with Type D Raised Pavement Markers @ 20' O.C.  
(Tape, Type I or Thermoplastic Extrusion)
- 

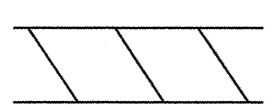
4" White Edge Stripe with Type C Raised Pavement Markers @ 40' O.C.  
(Tape, Type II or Thermoplastic Extrusion)
- 


4" White Edge Stripe with Rumble Strip  
(Tape, Type II or Thermoplastic Extrusion)
- 


Six each Type A Raised Pavement Marker @ 42'-6" O.C.
- 


Channelizing Island or Deceleration Gore  
(Tape, Type II or Thermoplastic Extrusion)
- 

8" White Stripe with Type C Raised Pavement Markers @ 20'-0" O.C.  
(Tape, Type II or Thermoplastic Extrusion)
- 

4" White Guide Lines  
(Tape, Type III or Thermoplastic Extrusion)
- 

Transverse Median Marking  
(Tape, Type II or Thermoplastic Extrusion)
- 

Stop Line  
(Tape, Type III or Thermoplastic Extrusion)
- 

Pavement Arrow (Tape, Type III or Thermoplastic Extrusion)
- 

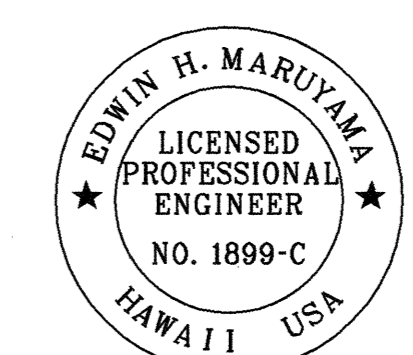
STOP Pavement Word (Tape, Type III or Thermoplastic Extrusion)

**NOTES**

1. Layout of pavement markings and striping shall be done by the Contractor and approved by the Engineer prior to any installation work.
2. Existing pavement markings not incorporated in the final traffic pattern shall be removed as directed by the Engineer. Costs shall be incidental to the various pavement marking items.
3. Raised pavement markers shall not be installed within crosswalks.
4. Final locations of all signs shall be approved by the Engineer prior to any installation work.
5. 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 directed by the Engineer. The primer shall be allowed to dry to the tacky stage prior to tape application.

- Type A Non-Reflective White Marker
- Type C Red Clear Raised Pavement Marker
- Type D Two-Way Yellow Raised Pavement Marker

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



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*Edwin H. Maruyama*  
FUJITA & ASSOCIATES INC.

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

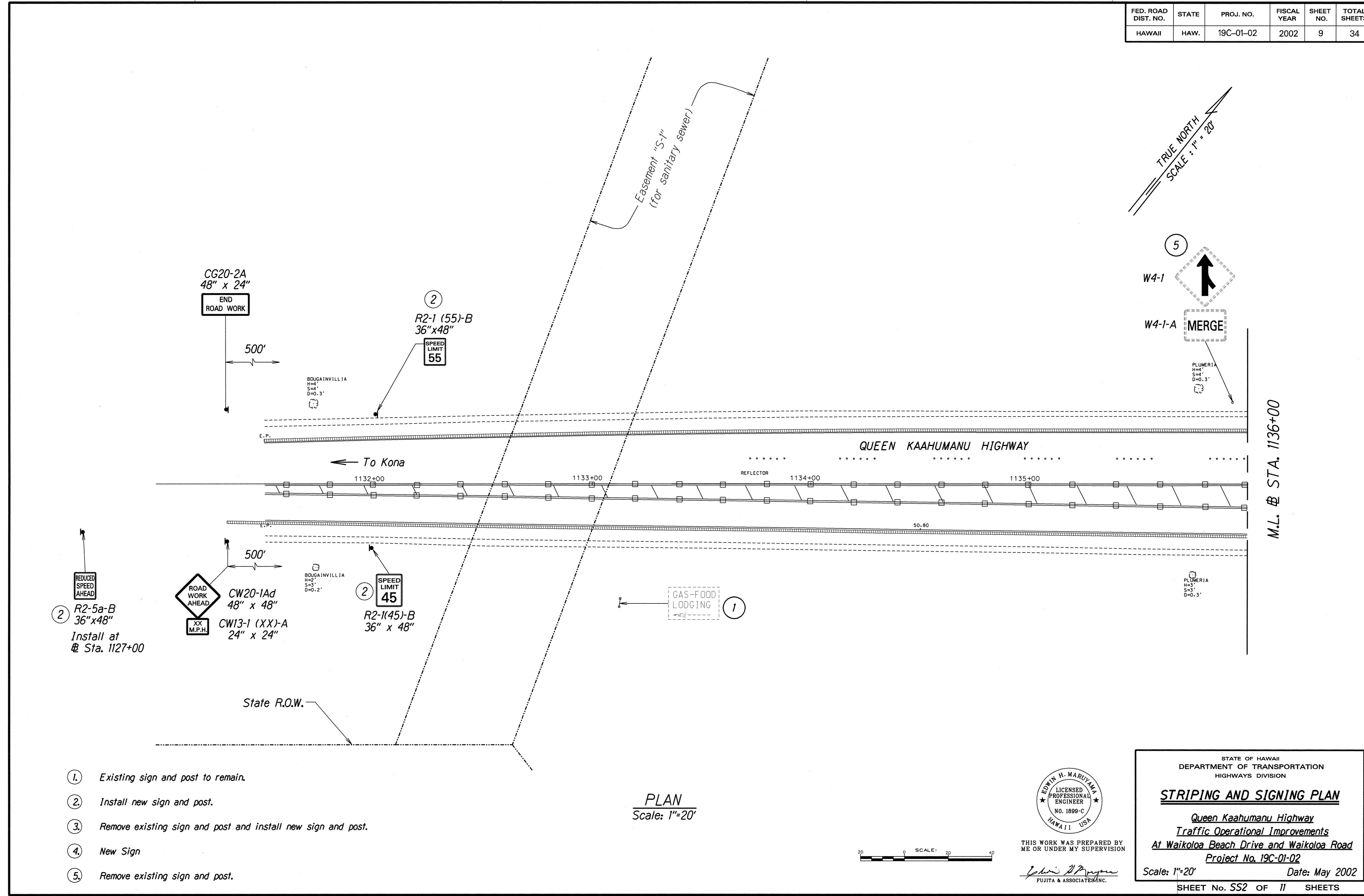
**STRIPING LEGEND AND NOTES**

*Queen Kaahumanu Highway  
Traffic Operational Improvements  
At Waikoloa Beach Drive and Waikoloa Road  
Project No. 19C-01-02*

Scale: No Scale Date: May 2002

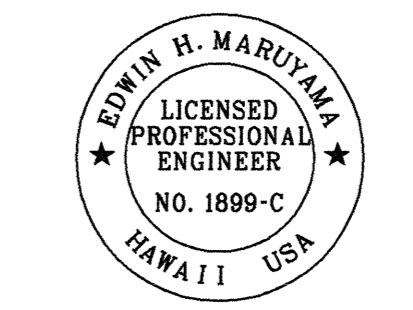
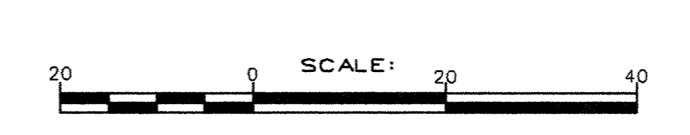
SHEET No. 551 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19C-01-02	2002	9	34



- ① Existing sign and post to remain.
- ② Install new sign and post.
- ③ Remove existing sign and post and install new sign and post.
- ④ New Sign
- ⑤ Remove existing sign and post.

PLAN  
Scale: 1"=20'



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STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**STRIPING AND SIGNING PLAN**

Queen Kaahumanu Highway  
Traffic Operational Improvements  
At Waikoloa Beach Drive and Waikoloa Road  
Project No. 19C-01-02

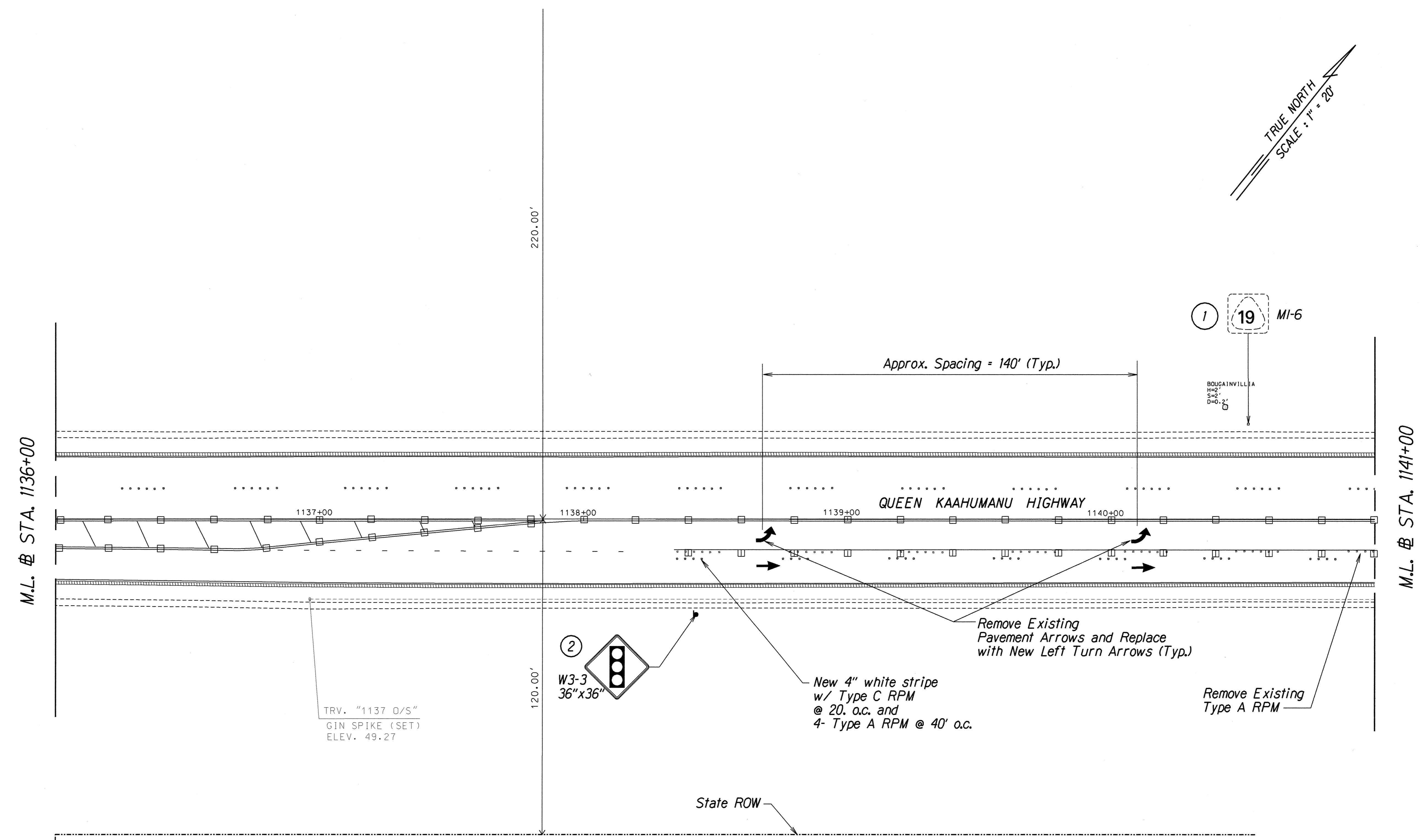
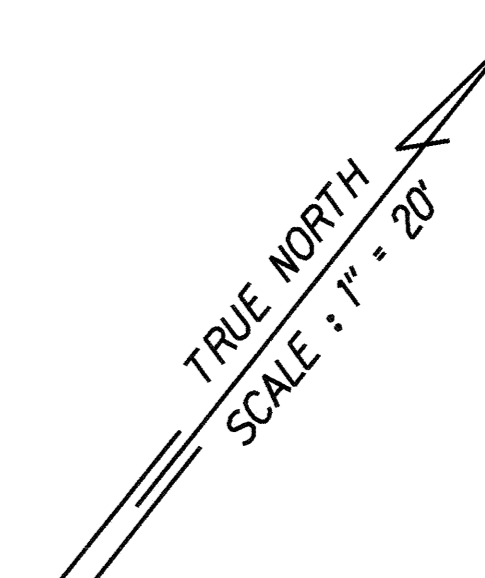
Scale: 1"=20' Date: May 2002

SHEET No. 52 OF 11 SHEETS

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
IN CHARGE	
APPROVED BY	
DATE	

41755W02.dgn

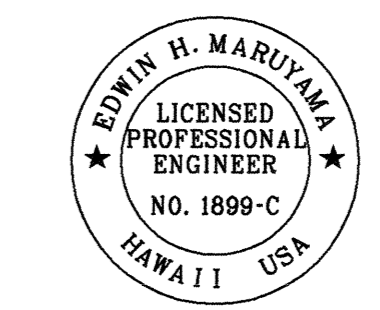
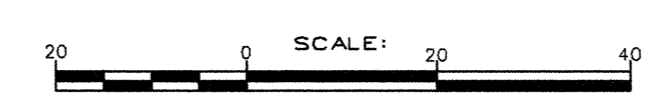
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19C-01-02	2002	10	34



DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
IN CHARGE BY	
DATE	
NO. OF SHEETS	
DATE	
NO. OF SHEETS	

- ① Existing sign and post to remain.
- ② Install new sign and post.
- ③ Remove existing sign and post and install new sign and post.
- ④ New Sign

PLAN  
Scale: 1"=20'



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FUJITA & ASSOCIATES INC.

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**STRIPING AND SIGNING PLAN**

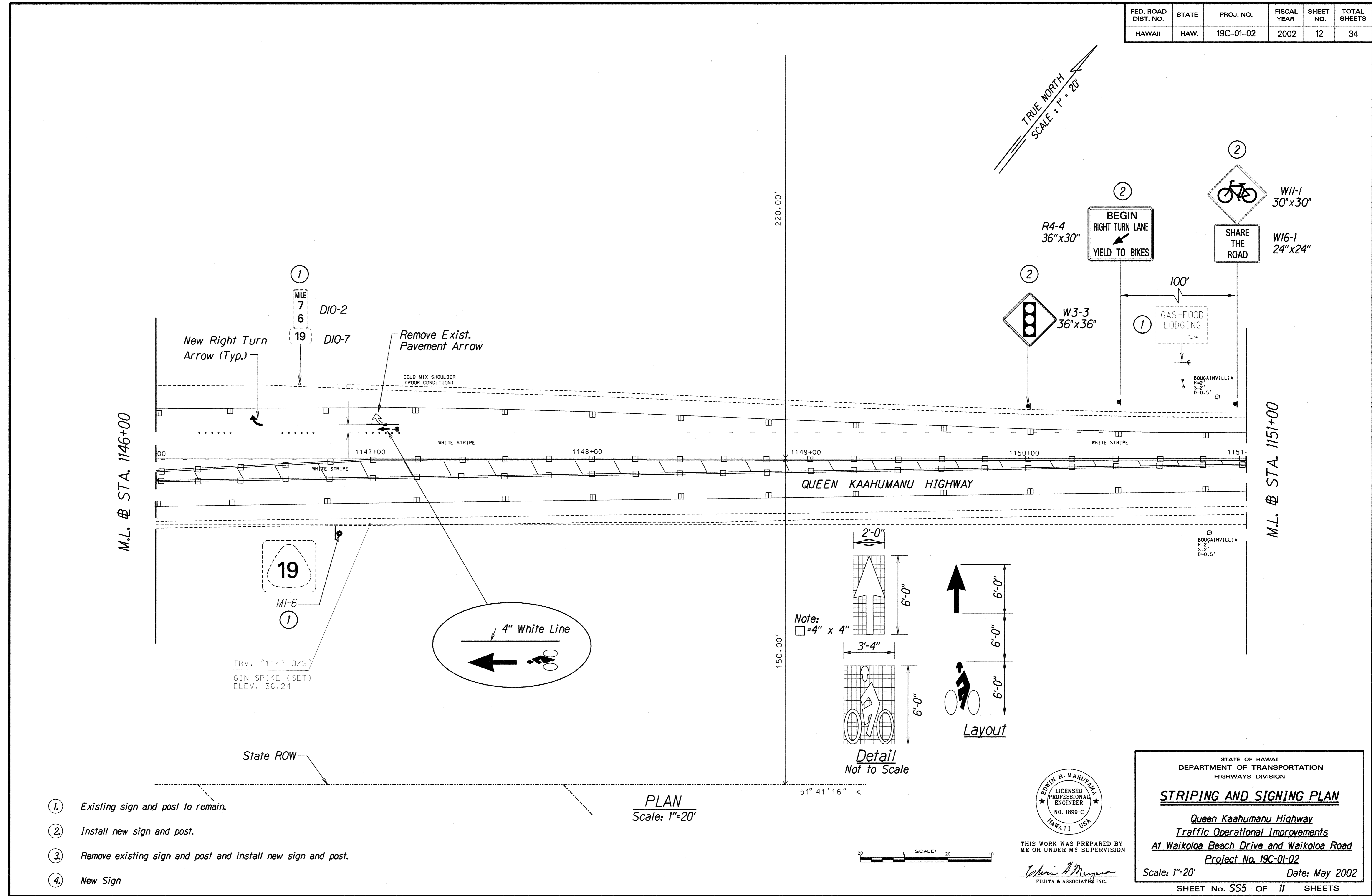
Queen Kaahumanu Highway  
Traffic Operational Improvements  
At Waikoloa Beach Drive and Waikoloa Road  
Project No. 19C-01-02

Scale: 1"=20' Date: May 2002

SHEET No. 553 OF 11 SHEETS



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19C-01-02	2002	12	34



①  
MILE 7 6 DIO-2  
19 DIO-7  
New Right Turn Arrow (Typ.)  
Remove Exist. Pavement Arrow  
COLD MIX SHOULDER (POOR CONDITION)

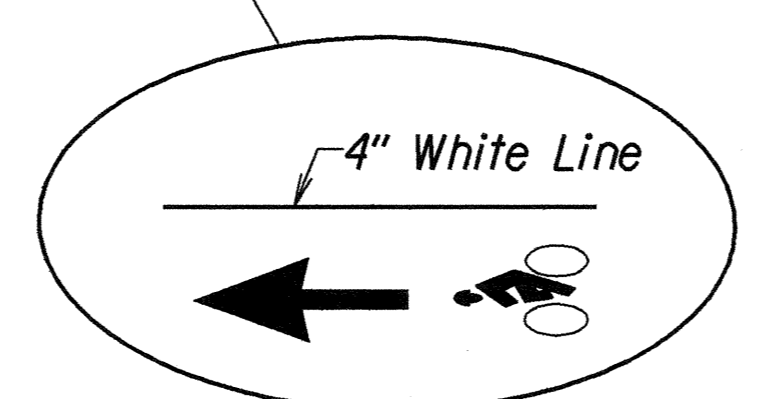
②  
R4-4 36"x30"  
W3-3 36"x36"  
②  
BEGIN RIGHT TURN LANE  
YIELD TO BIKES  
100'  
①  
GAS-FOOD LODGING  
BOUGAINVILLEA  
H=2'  
S=2'  
D=0.5'  
②  
W11-1 30"x30"  
SHARE THE ROAD  
W16-1 24"x24"

M.L. # STA. 1146+00

M.L. # STA. 1151+00

QUEEN KAAHUMANU HIGHWAY

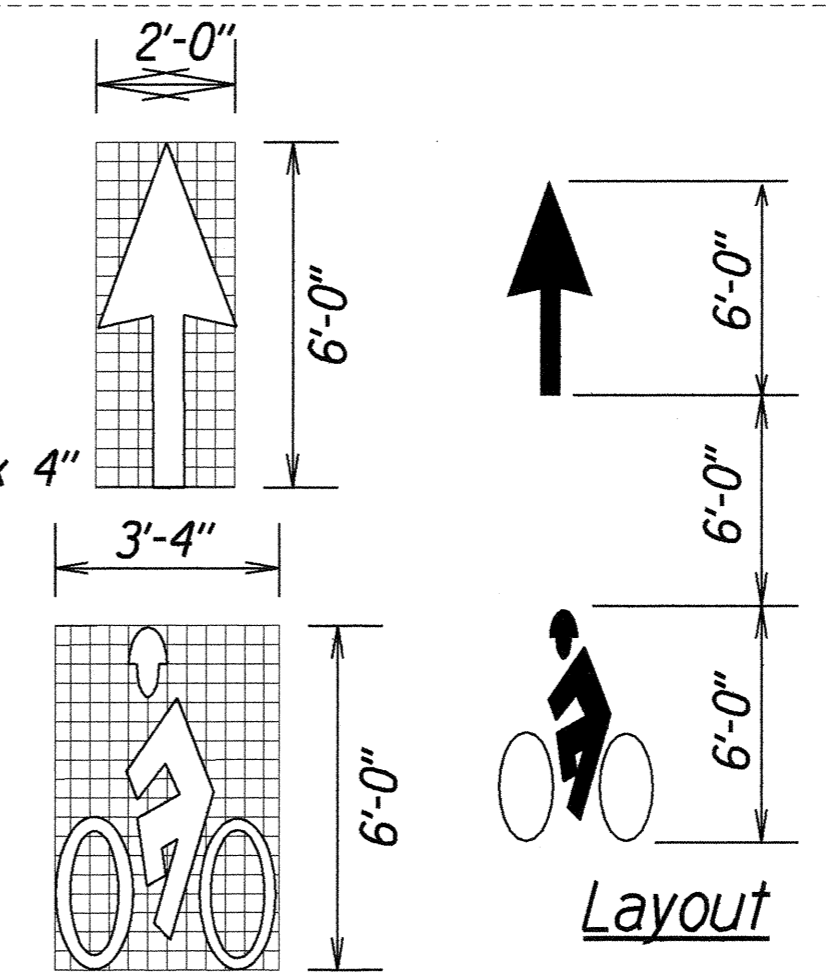
①  
MI-6  
19



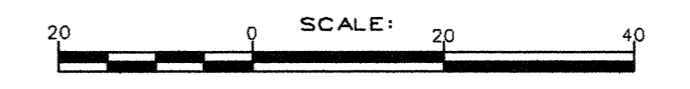
TRV. "1147 O/S"  
GIN SPIKE (SET)  
ELEV. 56.24

State ROW

Note:  
□ = 4" x 4"

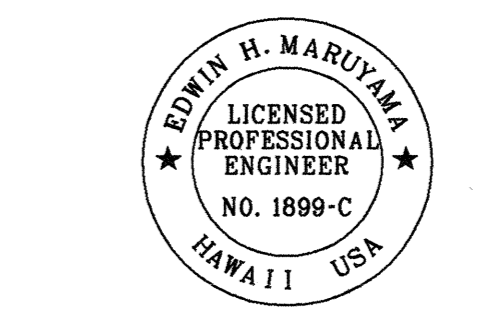


PLAN  
Scale: 1"=20'



SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTIFIED BY	
CHECKED BY	
NO. _____	

- ① Existing sign and post to remain.
- ② Install new sign and post.
- ③ Remove existing sign and post and install new sign and post.
- ④ New Sign



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FUJITA & ASSOCIATES, INC.

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**STRIPING AND SIGNING PLAN**

Queen Kaahumanu Highway  
Traffic Operational Improvements  
At Waikoloa Beach Drive and Waikoloa Road  
Project No. 19C-01-02

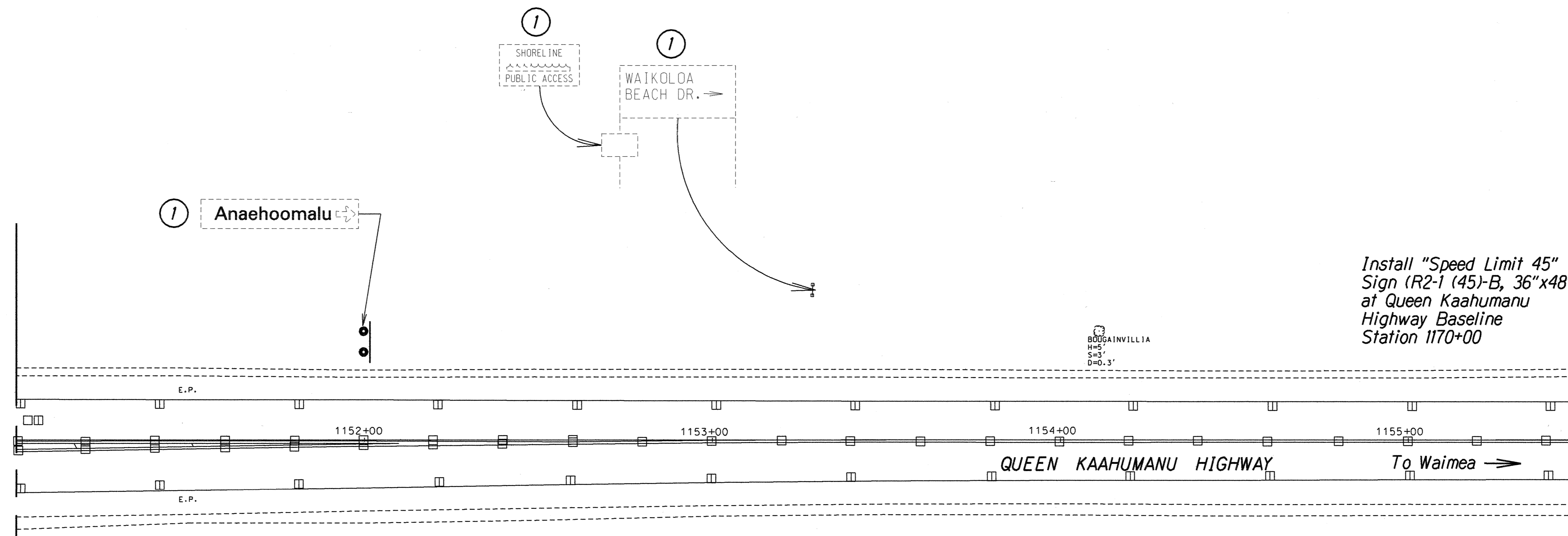
Scale: 1"=20' Date: May 2002

SHEET No. 55 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19C-01-02	2002	13	34

TRUE NORTH  
SCALE: 1" = 20'

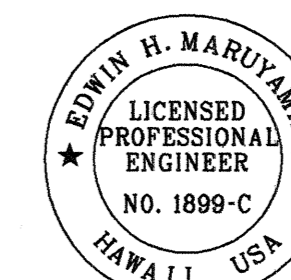
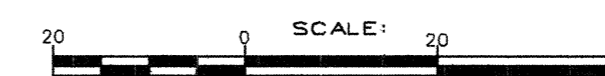
M.L. @ STA. 1151+00



- ① Existing sign and post to remain.
- ② Install new sign and post.
- ③ Remove existing sign and post and install new sign and post.
- ④ New Sign

State ROW

PLAN  
Scale: 1"=20'



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STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**STRIPING AND SIGNING PLAN**

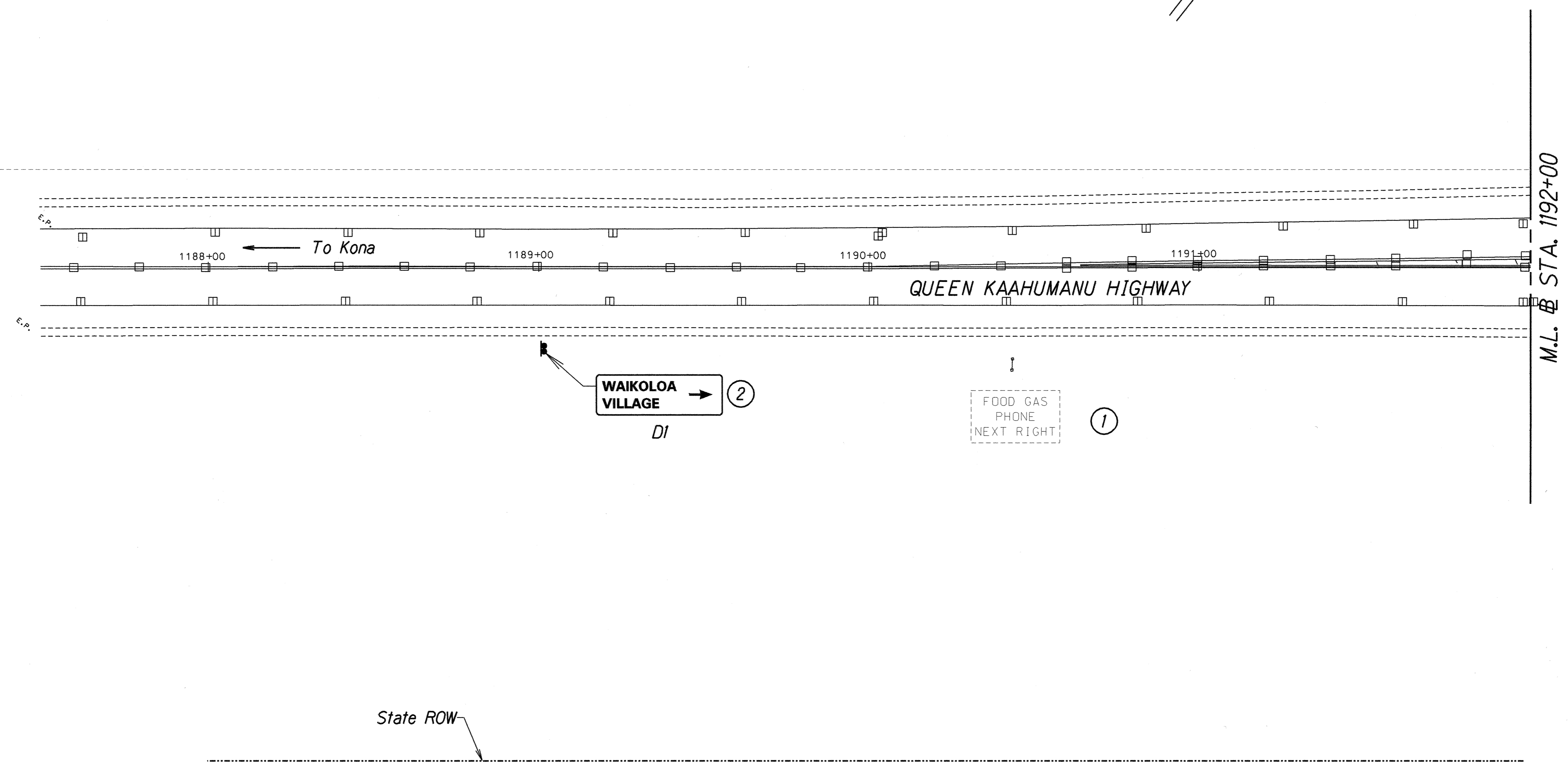
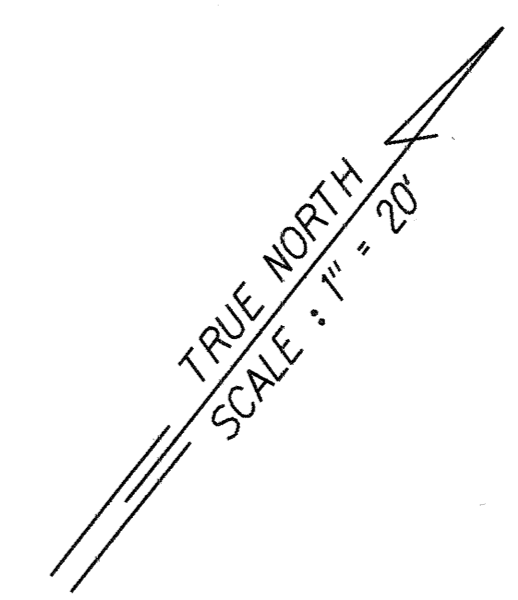
Queen Kaahumanu Highway  
Traffic Operational Improvements  
At Waikoloa Beach Drive and Waikoloa Road  
Project No. 19C-01-02

Scale: 1"=20' Date: May 2002

SHEET No. 556 OF 11 SHEETS

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

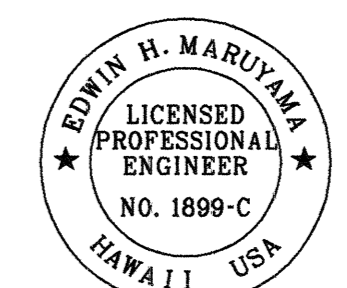
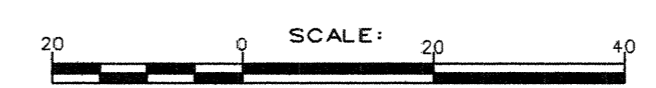
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19C-01-02	2002	14	34



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

- ① Existing sign and post to remain.
- ② Install new sign and post.
- ③ Remove existing sign and post and install new sign and post.
- ④ New Sign

**PLAN**  
Scale: 1"=20'



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STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

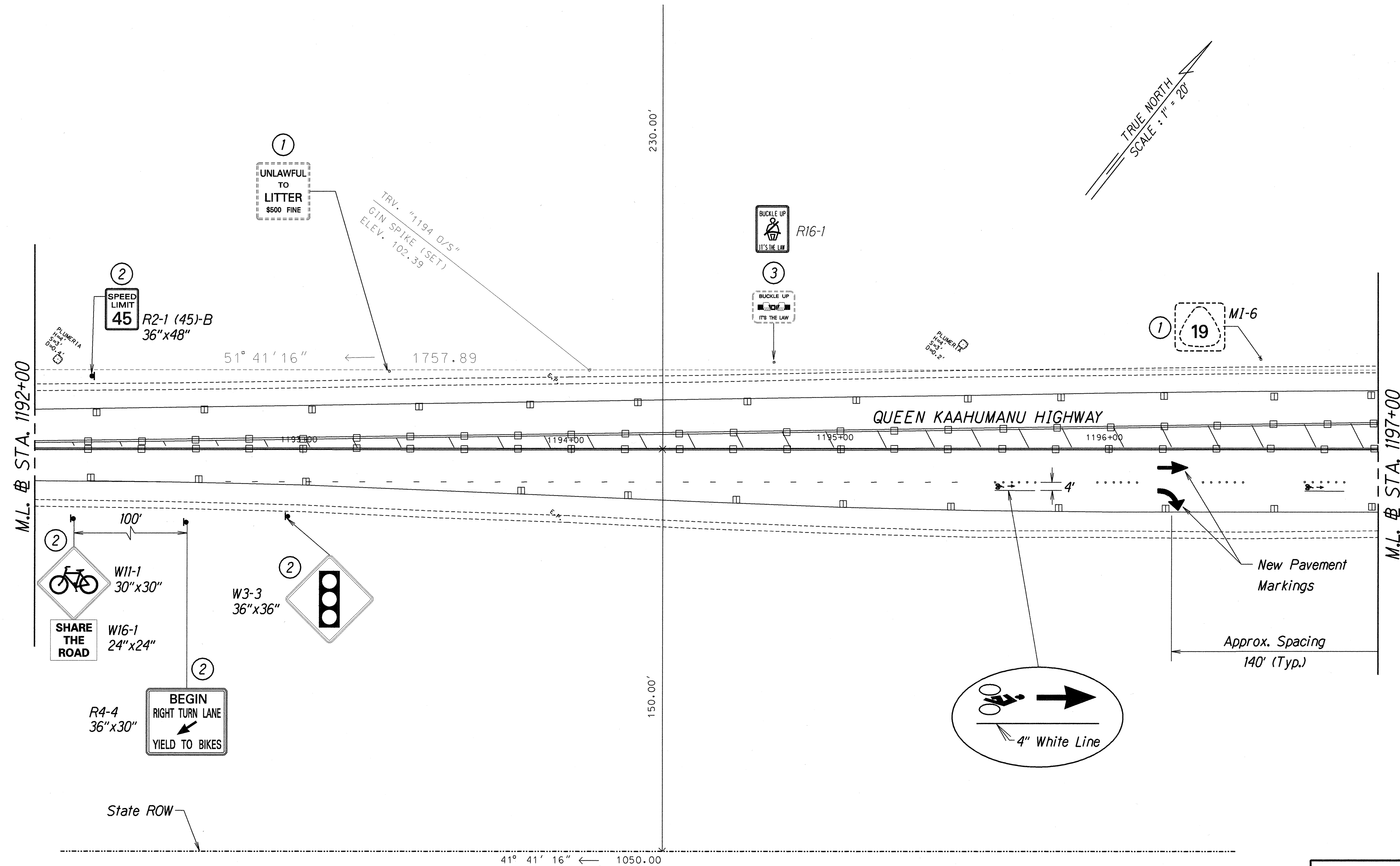
**STRIPING AND SIGNING PLAN**

*Queen Kaahumanu Highway  
Traffic Operational Improvements  
At Waikoloa Beach Drive and Waikoloa Road  
Project No. 19C-01-02*

Scale: 1"=20' Date: May 2002

SHEET No. 557 OF 11 SHEETS

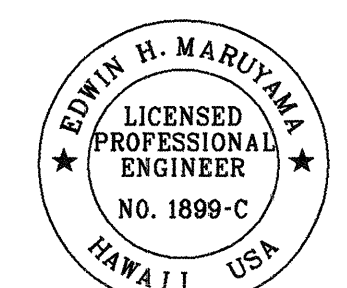
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19C-01-02	2002	15	34



DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
DESIGNED BY	_____
QUANTITIES BY	_____
CHECKED BY	_____
NO.	_____

- ① Existing sign and post to remain.
- ② Install new sign and post.
- ③ Remove existing sign and post and install new sign and post.
- ④ New Sign

**PLAN**  
Scale: 1"=20'



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STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

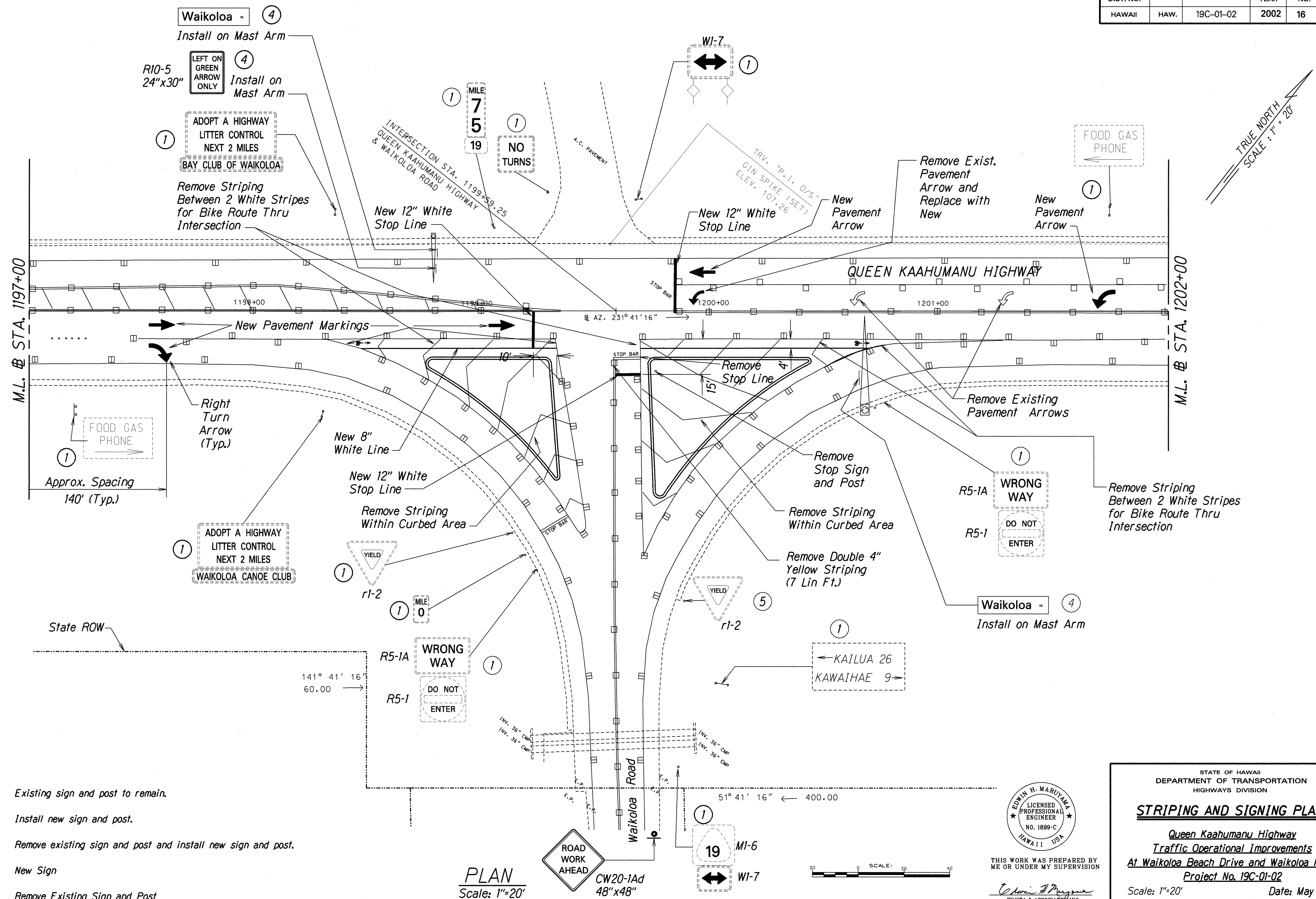
**STRIPING AND SIGNING PLAN**

Queen Kaahumanu Highway  
Traffic Operational Improvements  
At Waikoloa Beach Drive and Waikoloa Road  
Project No. 19C-01-02

Scale: 1"=20' Date: May 2002

SHEET No. 558 OF 11 SHEETS

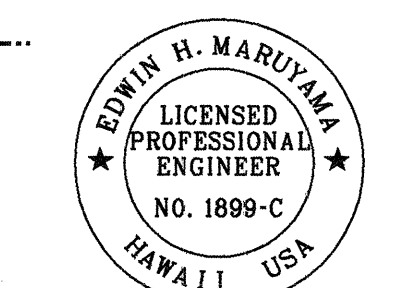
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19C-01-02	2002	16	34



- ① Existing sign and post to remain.
- ② Install new sign and post.
- ③ Remove existing sign and post and install new sign and post.
- ④ New Sign
- ⑤ Remove Existing Sign and Post

PLAN  
Scale: 1"=20'

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NO.	



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STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

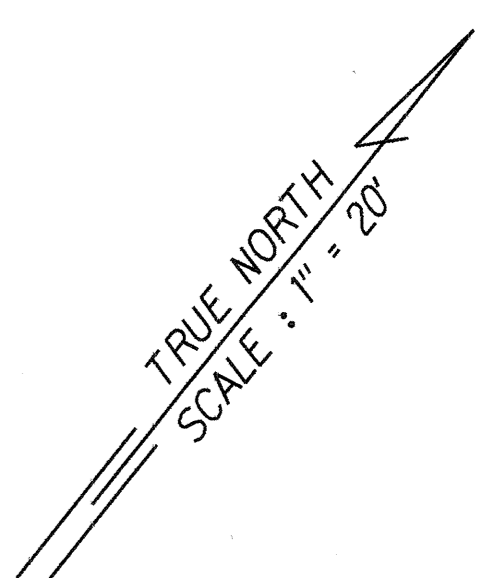
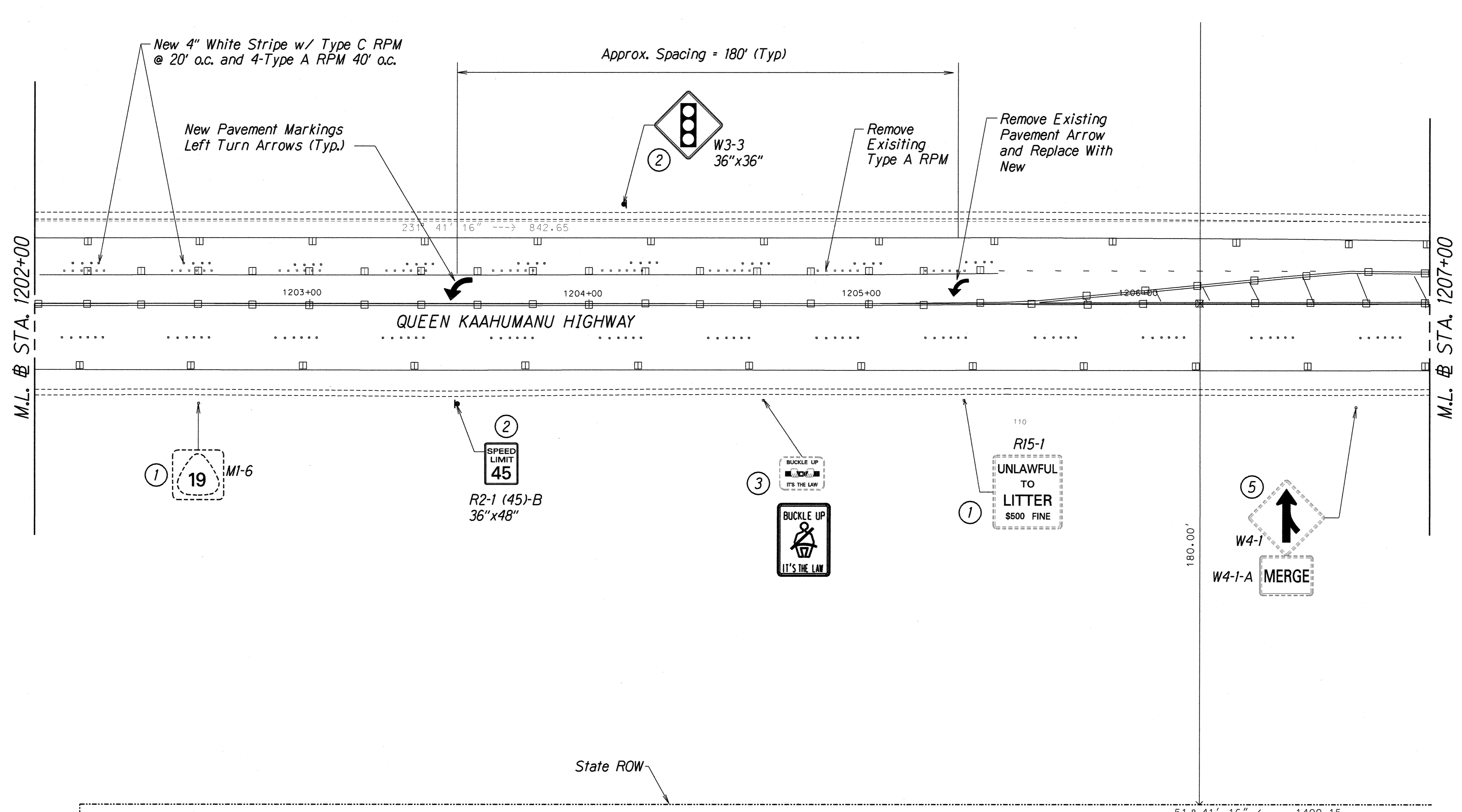
**STRIPING AND SIGNING PLAN**

Queen Kaahumanu Highway  
Traffic Operational Improvements  
At Waikoloa Beach Drive and Waikoloa Road  
Project No. 19C-01-02

Scale: 1"=20' Date: May 2002

SHEET No. 559 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19C-01-02	2002	17	34

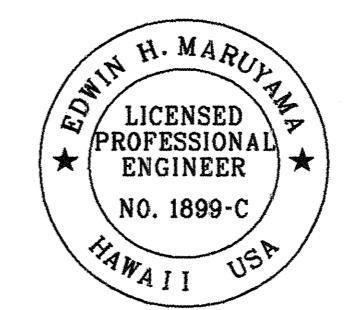
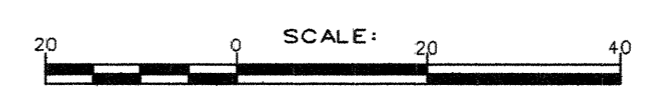


SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NOTE BOOK	
N <sub>o</sub> .	

← 321° 41' 16" 30.00

- ① Existing sign and post to remain.
- ② Install new sign and post.
- ③ Remove existing sign and post and install new sign and post.
- ④ New Sign
- ⑤ Remove existing sign and post.

**PLAN**  
Scale: 1"=20'



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STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

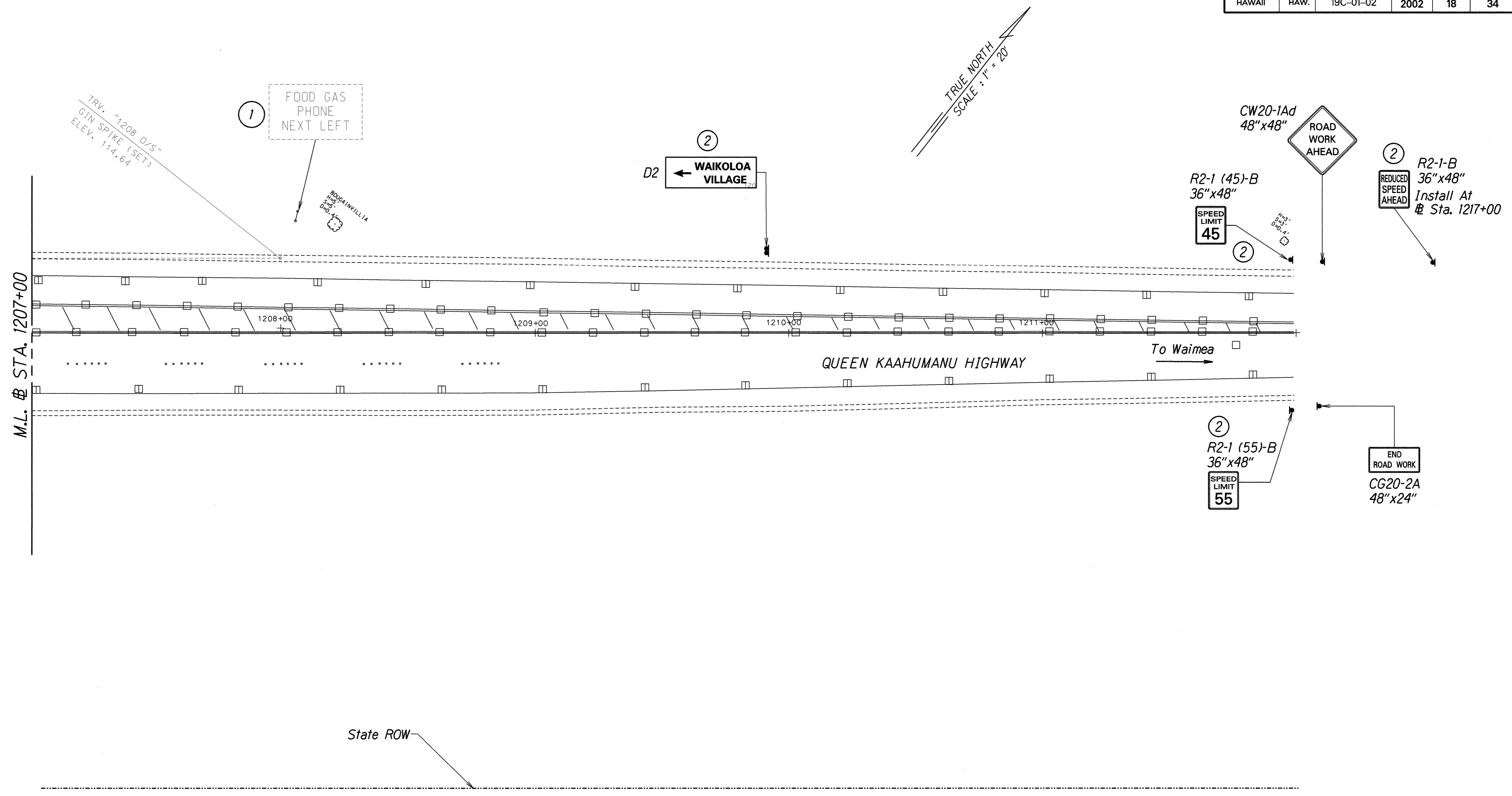
**STRIPING AND SIGNING PLAN**

Queen Kaahumanu Highway  
Traffic Operational Improvements  
At Waikoloa Beach Drive and Waikoloa Road  
Project No. 19C-01-02

Scale: 1"=20' Date: May 2002

SHEET No. SS10 OF 11 SHEETS

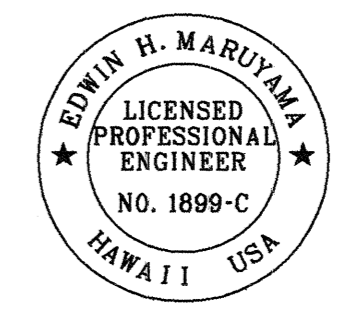
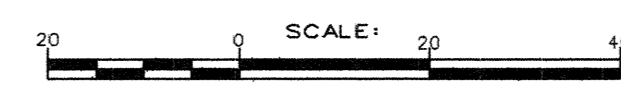
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19C-01-02	2002	18	34



DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
QUANTITIES BY	
NOTED BY	
NO.	

- ① Existing sign and post to remain.
- ② Install new sign and post.
- ③ Remove existing sign and post and install new sign and post.
- ④ New Sign

PLAN  
Scale: 1"=20'



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FUJITA & ASSOCIATES, INC.

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**STRIPING AND SIGNING PLAN**

Queen Kaahumanu Highway  
Traffic Operational Improvements  
At Waikoloa Beach Drive and Waikoloa Road  
Project No. 19C-01-02

Scale: 1"=20' Date: May 2002

SHEET No. 5511 OF 11 SHEETS