

GENERAL NOTES FOR TRAFFIC CONTROL PLAN

- 1. The Permittee shall make minor adjustments at intersections, ramp junctions, driveways, bridges, structures, etc., to fit field conditions.
- 2. Cones or delineators shall be extended to a point where they are visible to approaching traffic.
- 3. Traffic control devices shall be installed such that the sign or device farthest from the work area shall be placed first. The others shall then be placed progressively toward the work area.
- 4. Regulatory and warning signs within the construction zone that are in conflict with the Traffic Control Plans shall be removed or covered. All signs shall be restored upon completion of the work.
- 5. Flaggers and/or police officers shall be in sight of each other or in direct communication at all times.
- 6. When required by the issuing office, the Permittee shall install a flashing arrow signal as shown on the traffic control plans.
- 7. Sign spacings (L), taper lengths (T) and spacings of cones or delineators shall be as shown in Table 1, unless otherwise noted on the Traffic Control Plans.
- 8. All traffic lanes shall be a minimum of 11 feet wide.
- 9. All construction warning signs shall be promptly removed or covered whenever the message is not applicable or not in use.
- 10. The backs of all signs used for traffic control shall be appropriately covered to preclude the display of inapplicable sign messages (i.e., when signs have messages on both faces).
- 11. At the end of each day's work or as soon as the work is completed, the Permittee shall remove all traffic control devices no longer needed to permit free and safe passage of public traffic. Removal shall be in the reverse order of installation.
- 12. Replace permanent pavement markings and traffic signs upon completion of each phase of work.

ADDITIONAL TRAFFIC CONTROL NOTES

- 1. Relocation and/or removal of temporary signs and posts used for Traffic Control shall be considered incidental to various contract items.
- 2. All temporary signs and delineators for the purposes of Traffic Control shall become the property of the Contractor at the completion of the project.
- 3. The Contractor shall periodically wash down signs, delineators and barricades called for in the Traffic Control Plans as deemed necessary by the Engineer. This work shall be considered incidental to the various contract items and no payment will be made therefore.
- 4. Damage to signs, temporary pavement markers, delineators, barricades, and lamps caused by the public shall be repaired or replaced by the Contractor as soon as possible or as directed by the Engineer. This work shall be paid for under Item No. 645.03 – Additional Police Officers and/or Additional Traffic Control Devices. Damage caused by the Contractor's negligence shall be repaired or replaced at the Contractor's expense.
- 5. Work required in the State's Traffic Control Plans will be paid under applicable contract items or as otherwise specified herein. All other traffic control work shall be in accordance with Section 645 – Traffic Control. Work required for lane closures during the working day will not be paid for but shall be considered incidental to various contract items. Advance Construction Warning Signs as required under Section 621 of the Special provisions shall be installed on all approaches to construction areas including on-ramps. This work shall be considered incidental to the various contract items.
- 6. The Type II and Type III Barricades with lamps used during construction shall be considered incidental to various contract items.
- 7. The Flashing Arrow Signal used during construction shall be considered incidental to various contract items.
- 8. All Type A Route Marker Assemblies including accompanying construction detour signs shall be removed unless otherwise directed by the Engineer.
- 9. All traffic control devices including: signs, barricades, vertical panels, warning lights, arrow boards, changeable message signs, cones and tubular markers that meet the requirements of the Federal Highway Administration (FHA), "Manual on Uniform Traffic Control Devices", shall be used on this project. Compliance with this requirement will be considered incidental to the contract and no extra compensation will be allowed.
- 10. No section of incomplete guardrail, footing, and/or excavation shall be left unshielded at the end of each work day.
- 11. The Contractor shall notify Oahu Transit Services, Inc. (OTS – TheBus contractor), Ed Sniffen (848-4571) or Lowell Tom (848-4578), two weeks prior to construction, informing them of location, scope of work, proposed closure of any street or traffic lanes, and the need to relocate any bus stops.

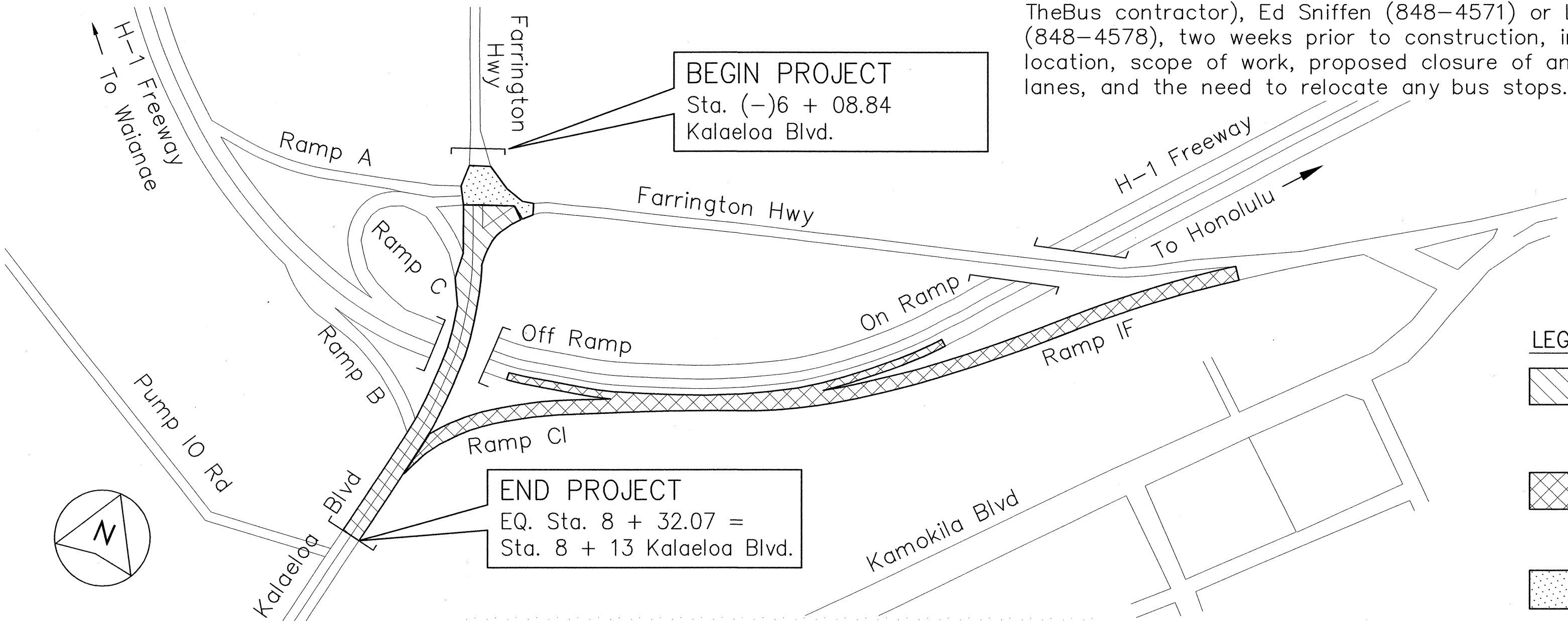
LEGEND

- Work Area
- Temporary A.C. Pavement
- 48" Flexible Delineator Posts w/Retroreflective Bands
- 28" Traffic Cones w/ Retroreflective Bands
- Type III Barricade w/lamp
- Temporary construction sign w/post.
- Temporary Construction Sign w/ Two Posts.
- Message Board
- Flashing Arrow Signal
- Portable Concrete Barrier
- Inertial Barriers
- Direction of Travel

TABLE 1 FOR TRAFFIC CONTROL PLAN

Posted Speed Limit (MPH)	Sign Spacing (L) (feet)	Taper Length (T) (feet)		Longitudinal Buffer Space (B) (feet)	Spacing of Cones or Delineators (feet)		
		*W = 12' or Less	*W = Greater than 12'		Taper	Tangent	Work Area
20	250	200	W x 17	35	20	20	10
25	250	200	W x 17	55	25	25	10
30	250	250	W x 20	85	30	30	10
35	250	250	W x 20	120	35	35	10
40	500	350	W x 30	170	40	40	10
45	500	550	W x 45	220	45	45	10
50	1000	600	W x 50	280	50	50	10
55	1000	700	W x 55	335	55	55	10

* Width of Shoulder or Offset



CONSTRUCTION PHASING PLAN

NOT TO SCALE

LEGEND FOR CONSTRUCTION PHASING PLAN

- Construction Phase I (Kalaeloa Blvd. Sta. (-)6+08.84 to Sta. 8 + 32.07 And Ramp B Guardrails)
- Construction Phase II (Ramps CI & IF, Palailai Weaving Lanes, H-1 On-Ramp and Off-Ramp)
- Construction Phase III (A.C. Pavement Reconstruction at Intersection of Kalaeloa Blvd., Farrington Hwy., and Ramp A)

LESTER H. FUKUDA

LICENSED PROFESSIONAL ENGINEER

No. 4908-C

HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

BY: *[Signature]*

DATE: 4/1/01

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

TRAFFIC CONTROL NOTES & LEGEND

AND CONSTRUCTION PHASING PLAN

INTERSTATE ROUTE H-1

Palailai Interchange Reconstruction

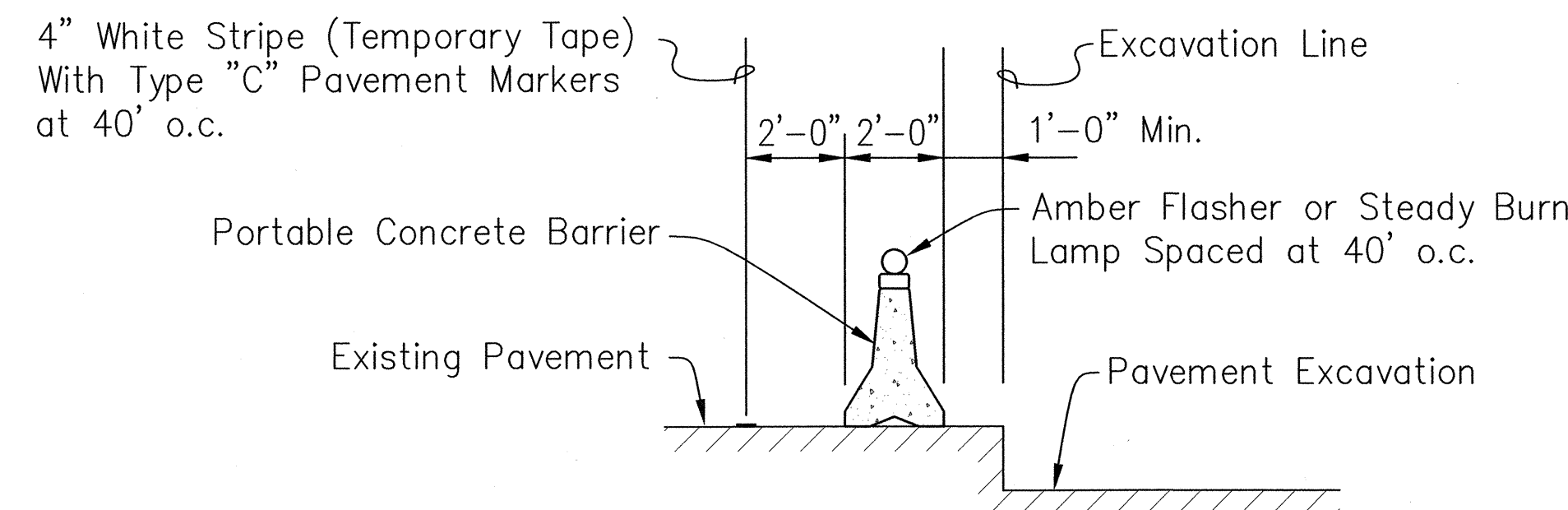
F.A.I. Project No. IM-NH-H1-1(239)

Scale: As Shown

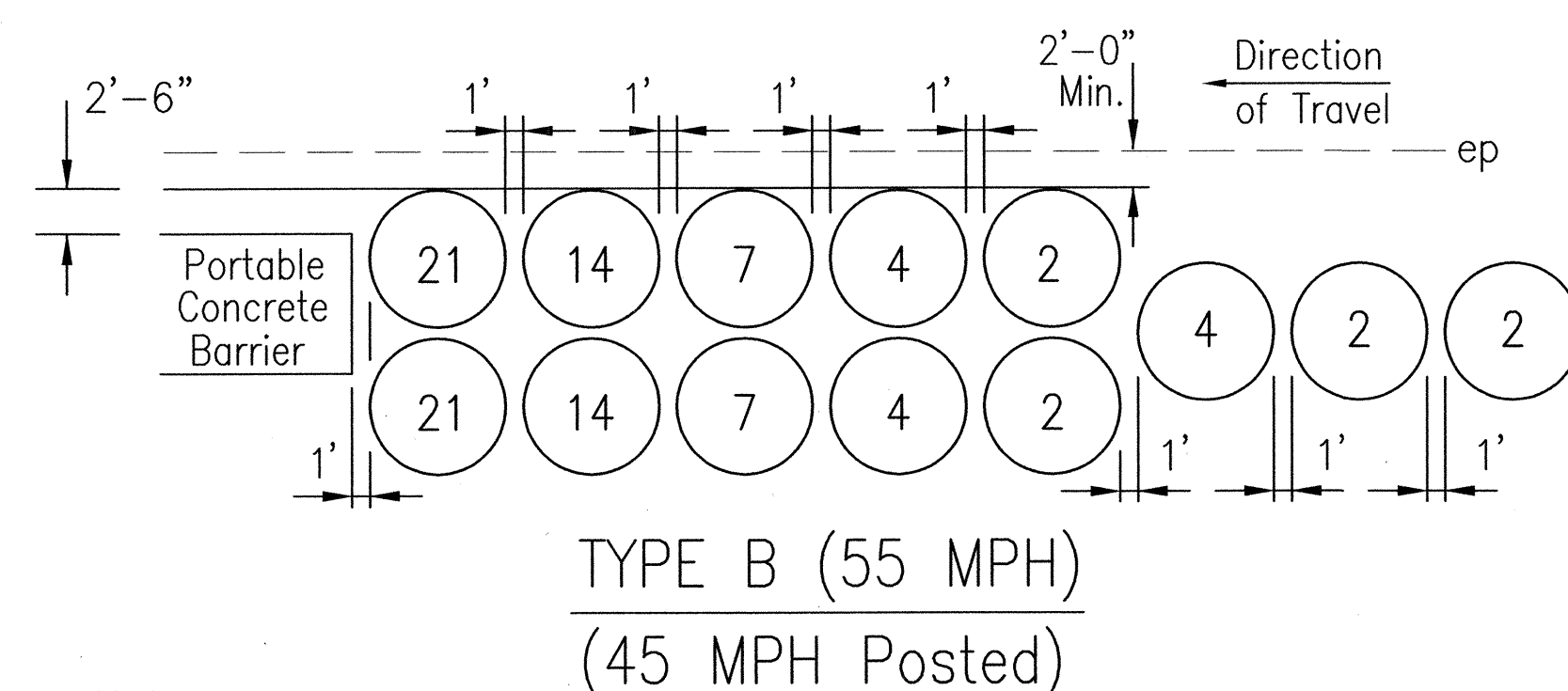
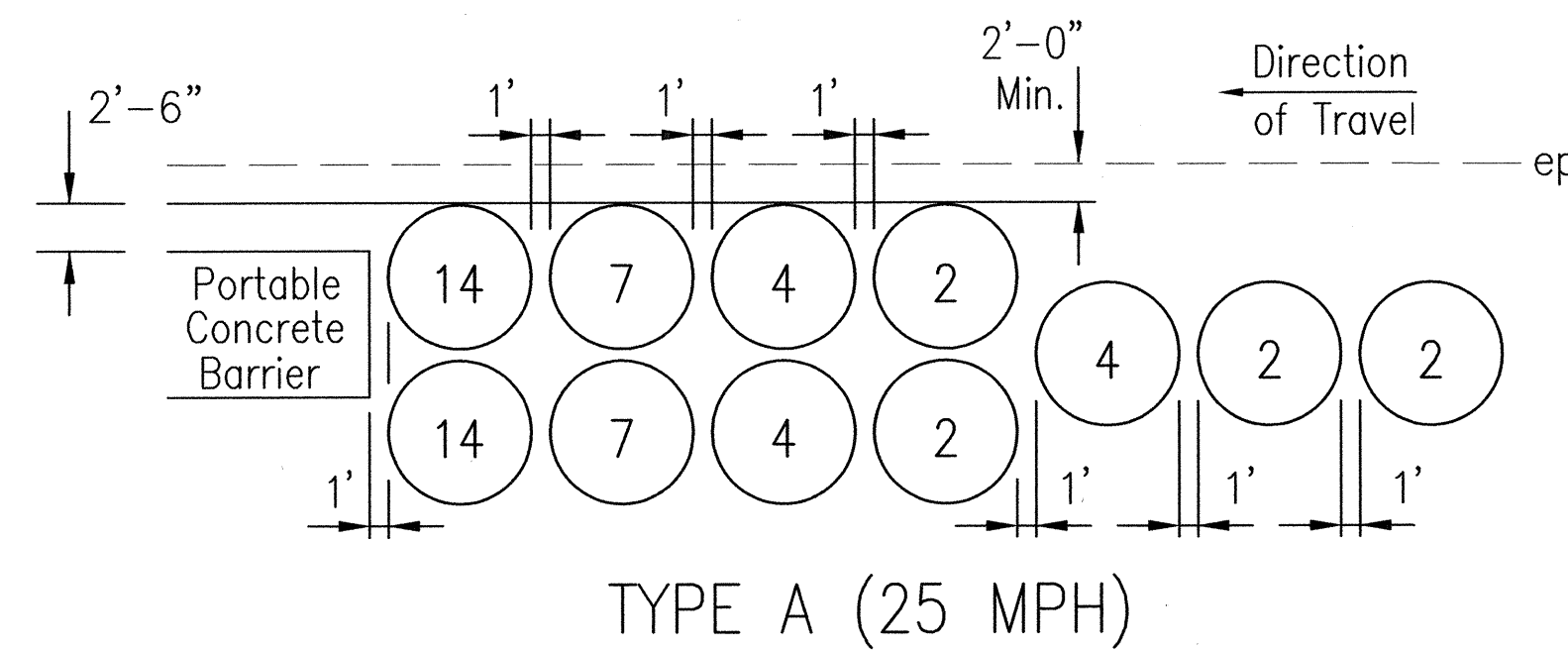
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SHEET NO. TC1 OF 20 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
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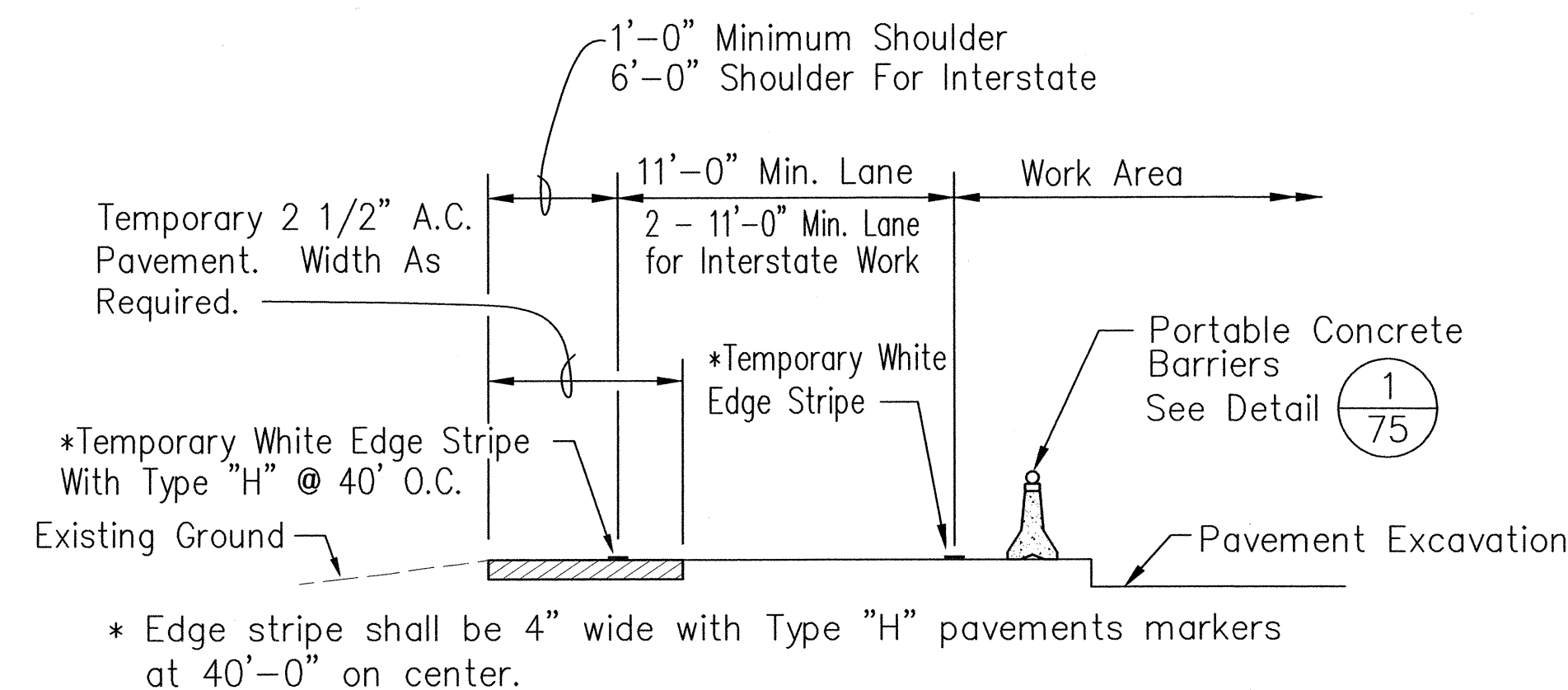


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PLACEMENT OF PORTABLE CONC. BARRIER DURING ALL HOURS
Not to Scale

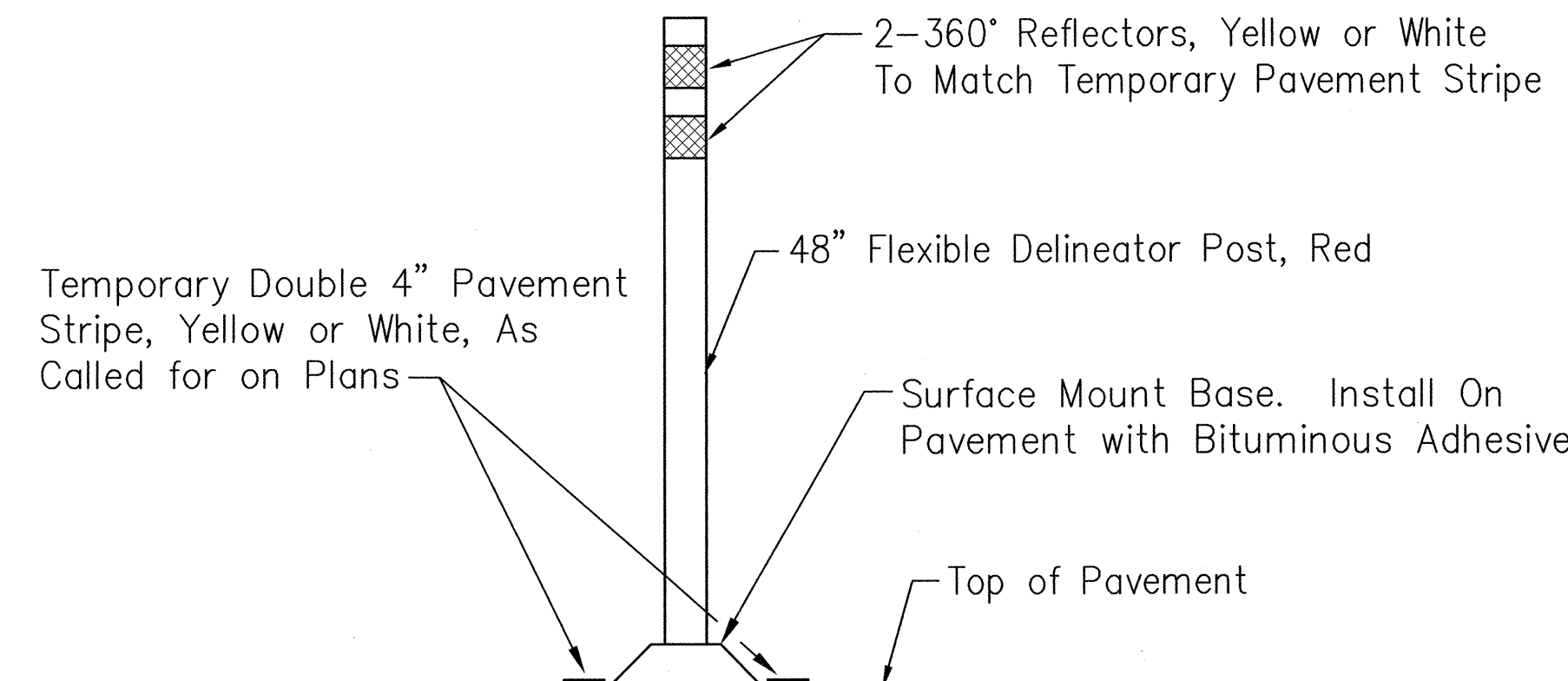


- Notes:
- Contractor to install system per manufacturer's recommendation.
 - Numbers indicate pounds of sand in hundreds.
 - Refer to Section 647 of the Specifications for basis of payment.

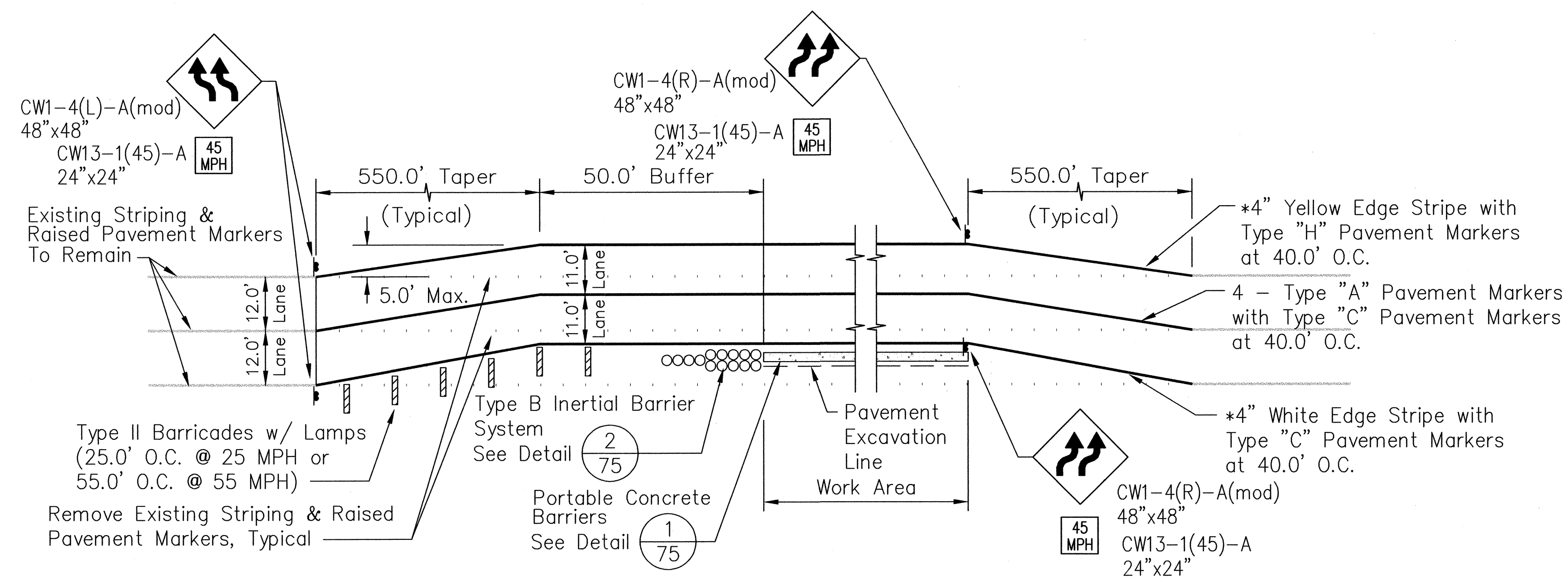
2
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INERTIAL BARRIER SYSTEM LAYOUT
Not To Scale



3
75
LANE SHIFT DETAIL
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4
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TRAFFIC DELINEATOR DETAIL
Not To Scale



5
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TEMPORARY STRIPING PLAN FOR INTERSTATE WORK
Not To Scale

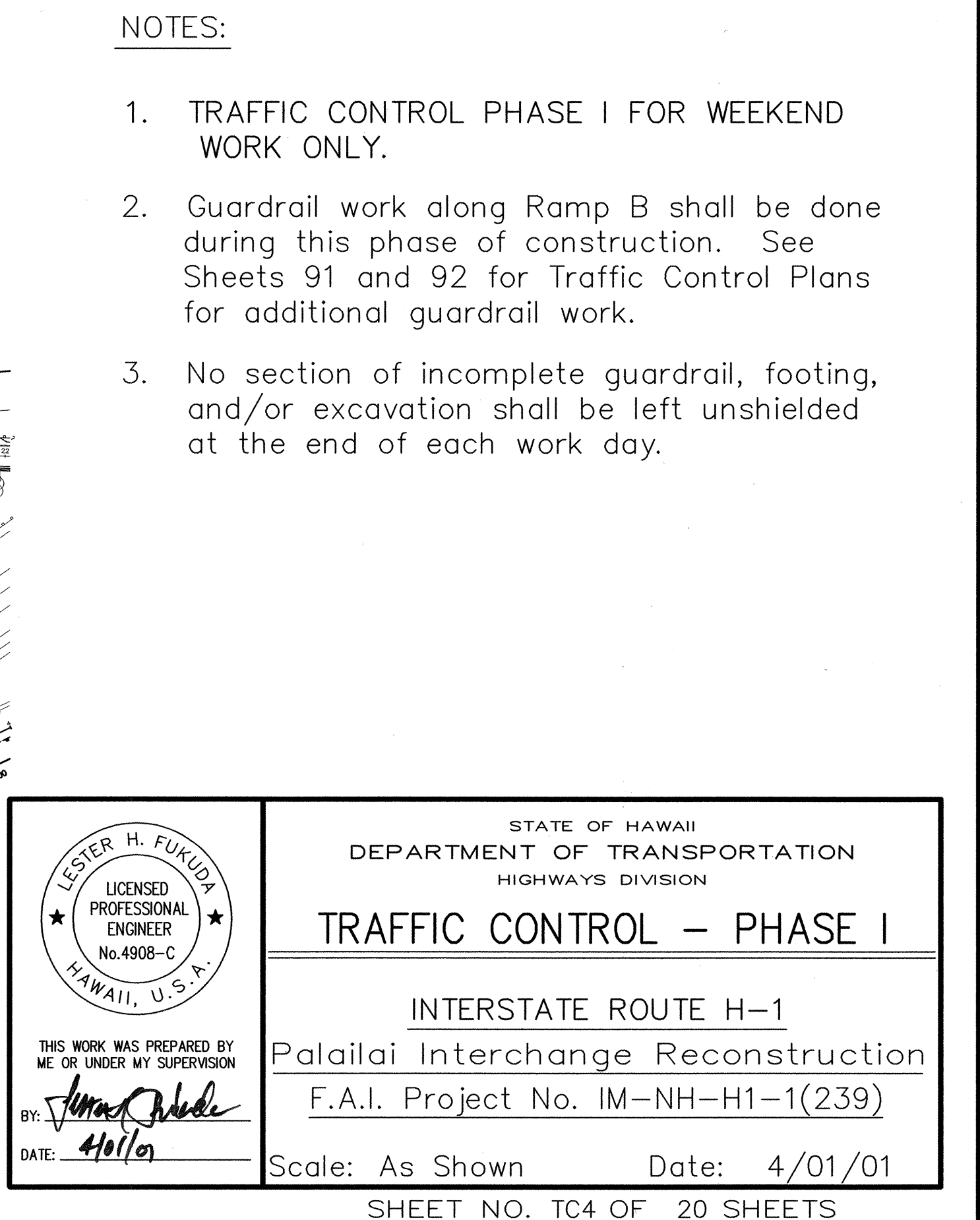
TEMPORARY STRIPING NOTES

- Lane closures for temporary striping work shall be permitted from 8:30 am to 3:30 pm, Monday to Friday, excluding holidays.
- Multi-lane closures will not be permitted during temporary striping operations.
- A message board programmed with the words "ROAD WORK AHEAD," shall be installed for a 72-hour period prior to the temporary striping operations. The location shall be as determined by the Engineer. To be incidental to Portland Cement Concrete Pavement.
- Unless otherwise indicated for Portable Concrete Barriers, all work related to temporary striping shall be incidental to Portland Cement Concrete Pavement.
- Widen shoulder as required to accommodate lane shift. See detail **3** 75

	STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
	TRAFFIC CONTROL DETAILS	
	INTERSTATE ROUTE H-1 Palailai Interchange Reconstruction F.A.I. Project No. IM-NH-H1-1(239)	
	Scale: As Shown	Date: 4/01/01

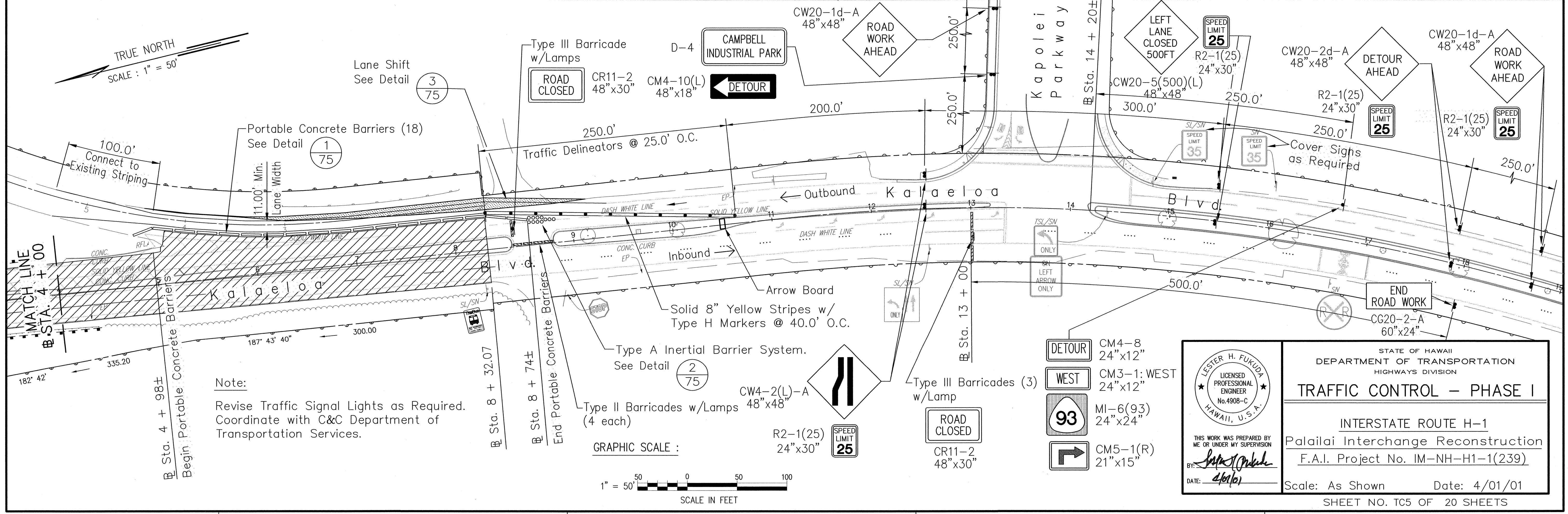
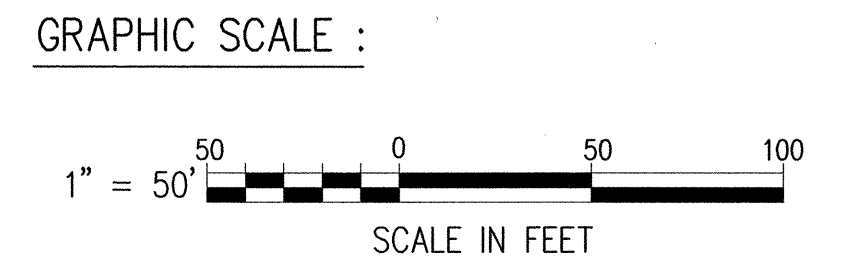
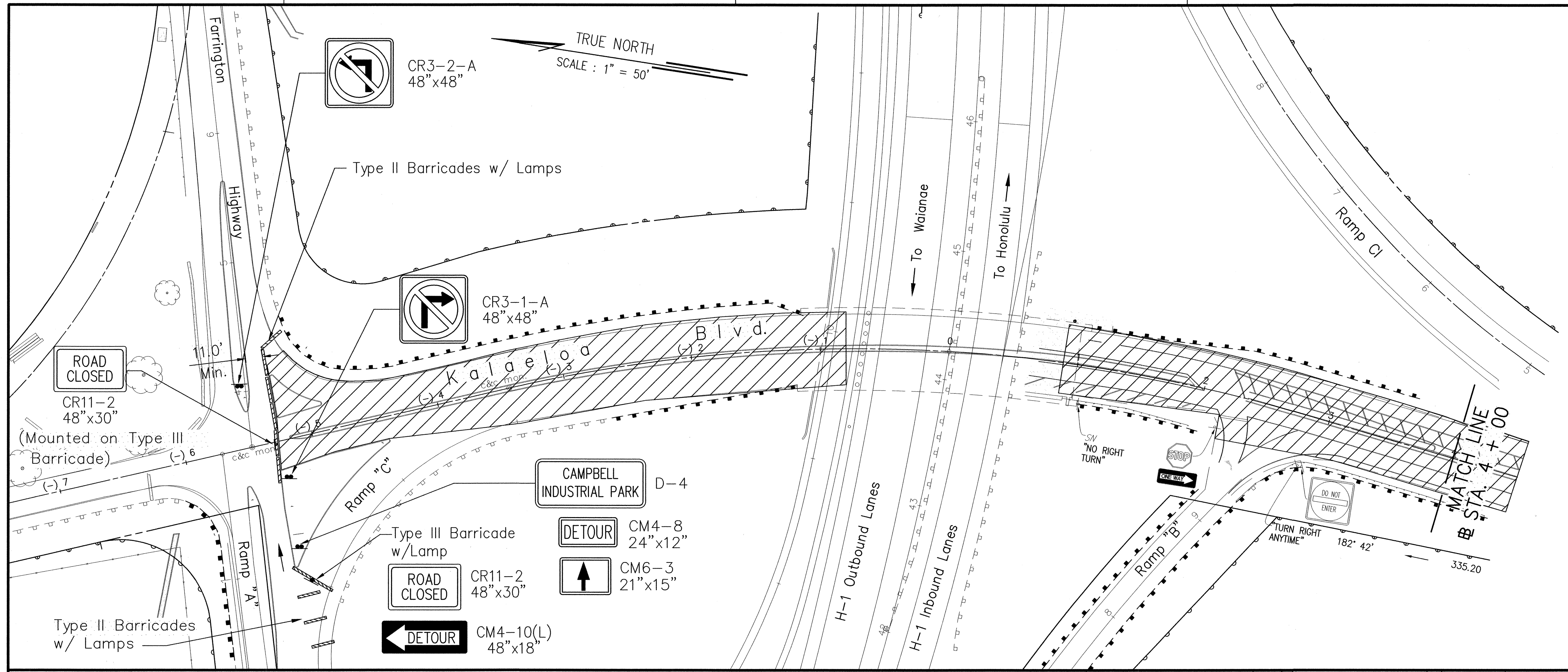
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JOB NO: 9810B

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DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTED	
NO.	

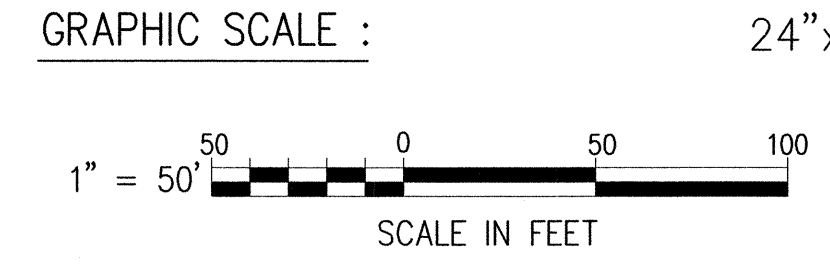
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NOTEBOOK	DRAWN BY _____	" _____
	TRACED BY _____	" _____
	DESIGNED BY _____	" _____
	QUANTITIES BY _____	" _____
	CHECKED BY _____	" _____
No. _____		

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-NH-H1-1(239)	2001	78	103



Note:
Revise Traffic Signal Lights as Required.
Coordinate with C&C Department of Transportation Services.



- DETOUR CM4-8 24"x12"
- WEST CM3-1: WEST 24"x12"
- 93 MI-6(93) 24"x24"
- ROAD CLOSED CM5-1(R) 21"x15"

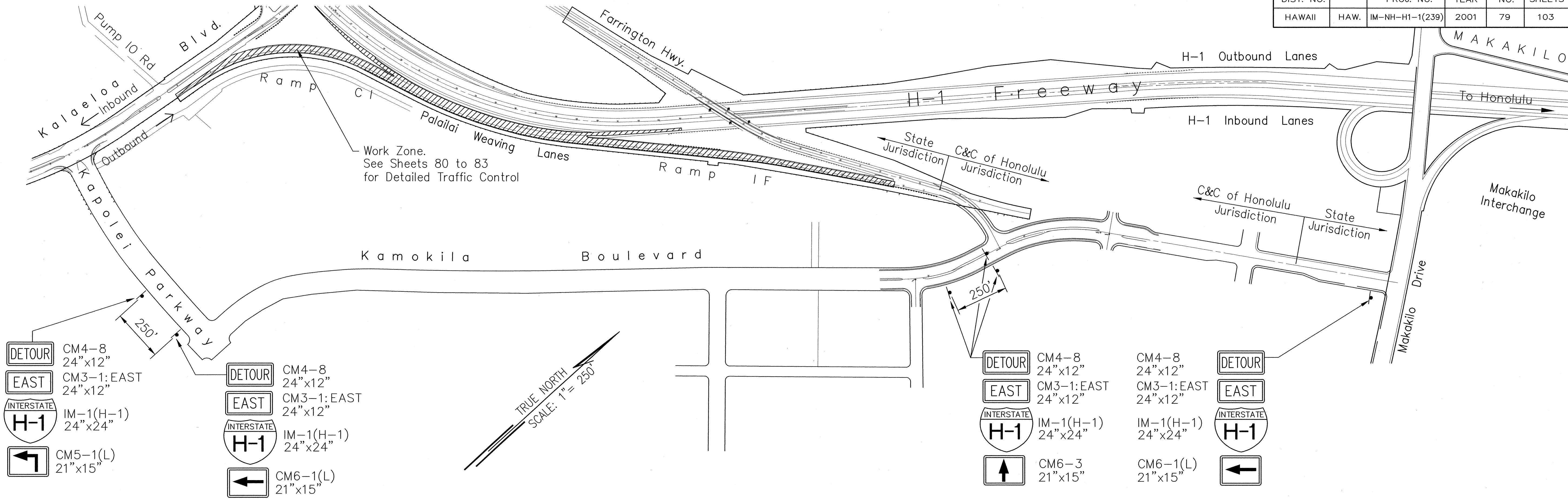
LESTER H. FUKUDA
LICENSED PROFESSIONAL ENGINEER
No. 4908-C
HAWAII, U.S.A.
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
BY: [Signature]
DATE: 4/1/01

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TRAFFIC CONTROL - PHASE I
INTERSTATE ROUTE H-1
Palalal Interchange Reconstruction
F.A.I. Project No. IM-NH-H1-1(239)
Scale: As Shown Date: 4/01/01
SHEET NO. TC5 OF 20 SHEETS

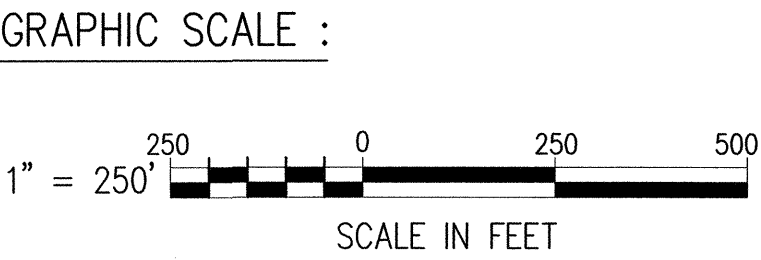
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JOB NO.: 9810a

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DRAWN BY: [Blank]
DESIGNED BY: [Blank]
QUANTITIES BY: [Blank]
CHECKED BY: [Blank]

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-NH-H1-1(239)	2001	79	103



NOTE: TRAFFIC CONTROL PHASE II FOR WEEKEND WORK ONLY.
TRAFFIC CONTROL PHASE IIA FOR WEEKDAY WORK.



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HAWAII, U.S.A.

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BY: *[Signature]*
DATE: 4/01/01

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL – PHASE II

INTERSTATE ROUTE H-1
Palailai Interchange Reconstruction
F.A.I. Project No. IM-NH-H1-1(239)

Scale: As Shown Date: 4/01/01

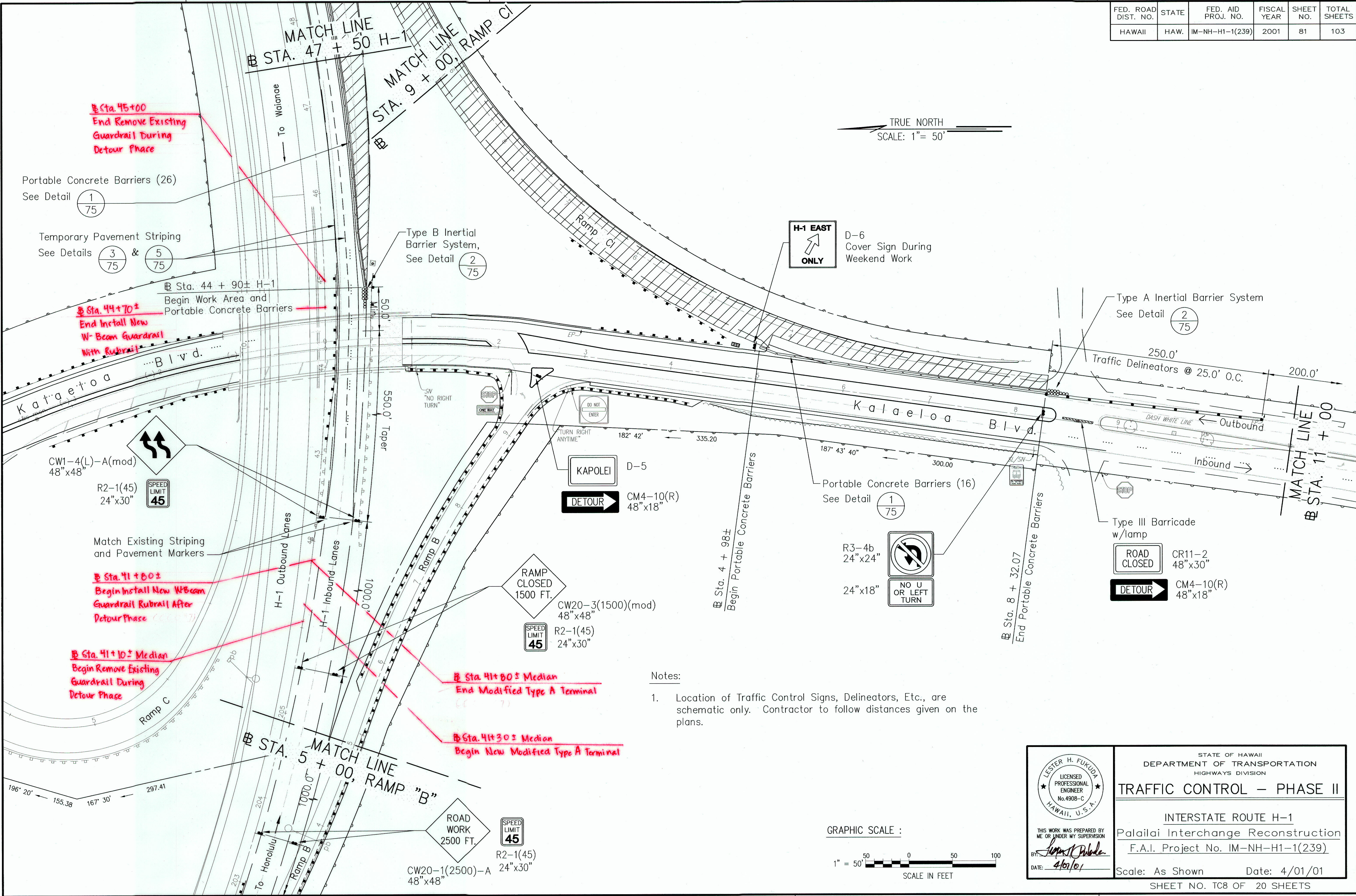
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JOB NO.: 9810b

SURVEY PLOTTED BY: JUN
DRAWN BY: LKH/EHL/PT*
DESIGNED BY: OPER:
QUANTITIES BY: REWISED: 04/17/01
CHECKED BY:

ORIGINAL PLAN	DATE
NOTEBOOK	No.

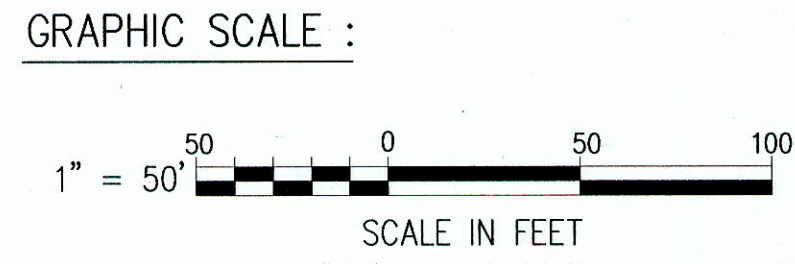
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HAWAII	HAW.	IM-NH-H1-1(239)	2001	81	103



JUN 07/24/98
PM: EHL/PT/LKH*
OPER: PL-TCP-2.dwg
REVISED: 04/20/01
JOB NO.: 9810B

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

- Notes:
1. Location of Traffic Control Signs, Delineators, Etc., are schematic only. Contractor to follow distances given on the plans.



LESTER H. FUKUDA
LICENSED PROFESSIONAL ENGINEER
No. 4908-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
BY: *Lester H. Fukuda*
DATE: 4/10/01

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

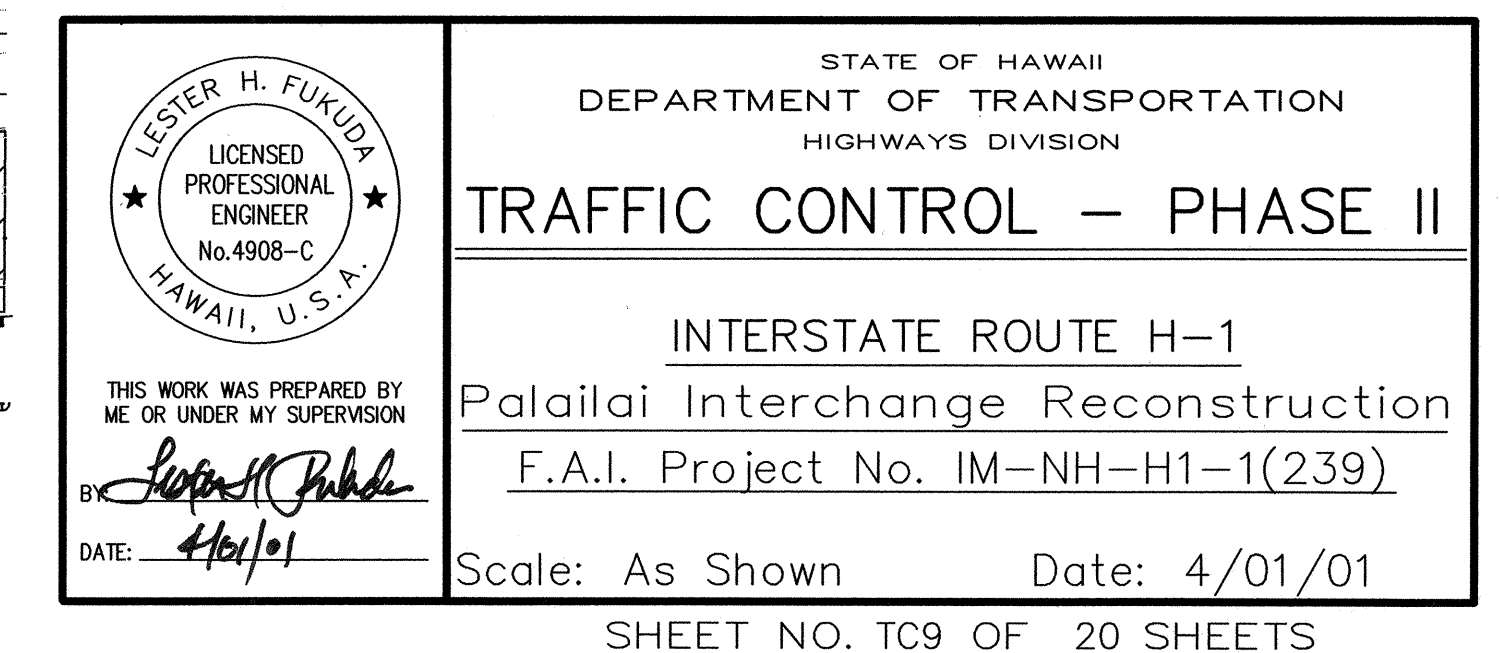
TRAFFIC CONTROL - PHASE II

INTERSTATE ROUTE H-1
Palailai Interchange Reconstruction
F.A.I. Project No. IM-NH-H1-1(239)

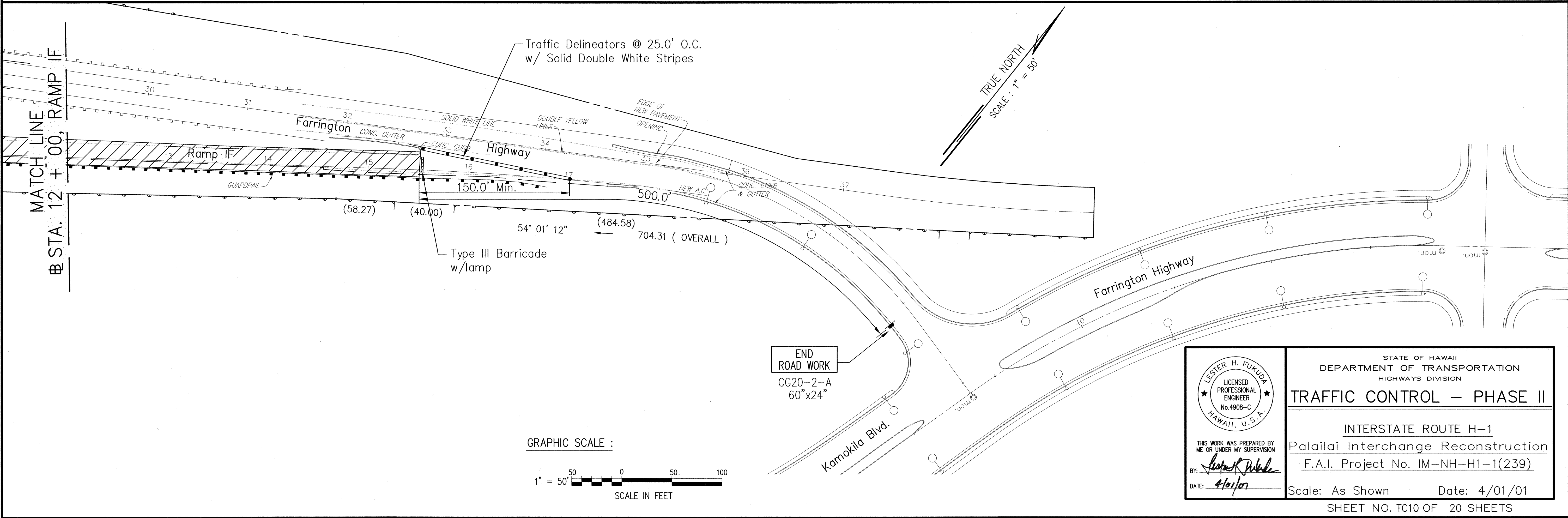
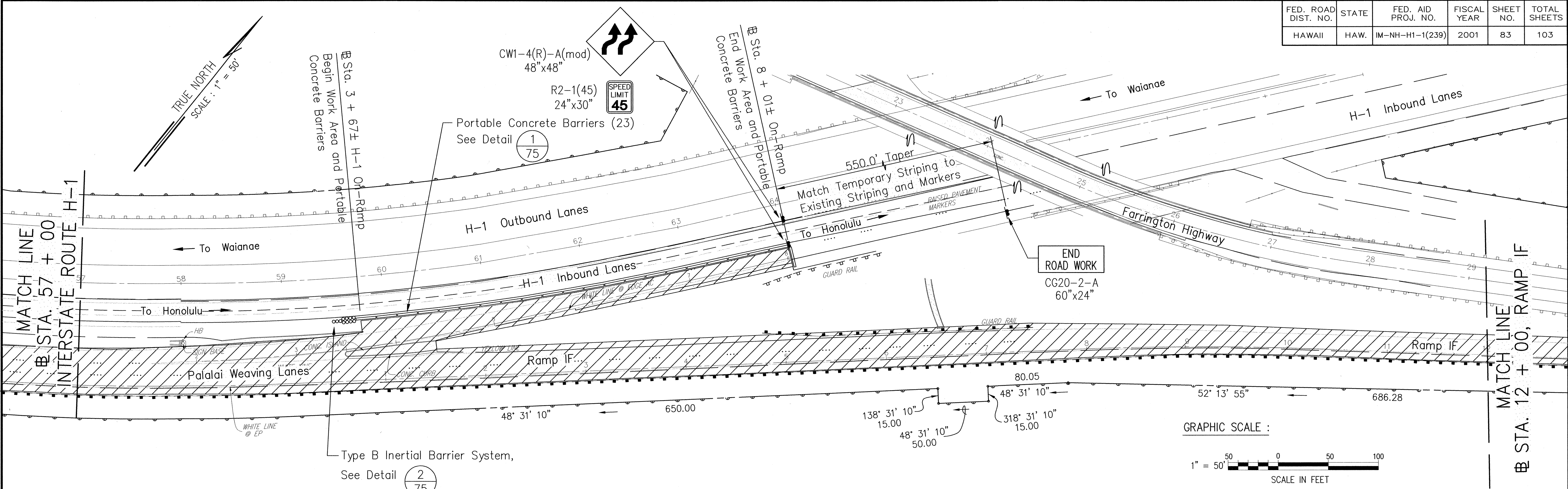
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SHEET NO. TC8 OF 20 SHEETS

"AS-BUILT"

[illegible]

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-NH-H1-1(239)	2001	83	103



DATE	SURVEY PLOTTED BY
07/25/98	EHK/LKH*/PT
DATE	DESIGNED BY
04/20/01	PI-TCP-2.dwg
DATE	CHECKED BY
9810b	

LESTER H. FUKUDA
LICENSED PROFESSIONAL ENGINEER
No. 4908-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

BY: *Lester H. Fukuda*
DATE: 4/01/01

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

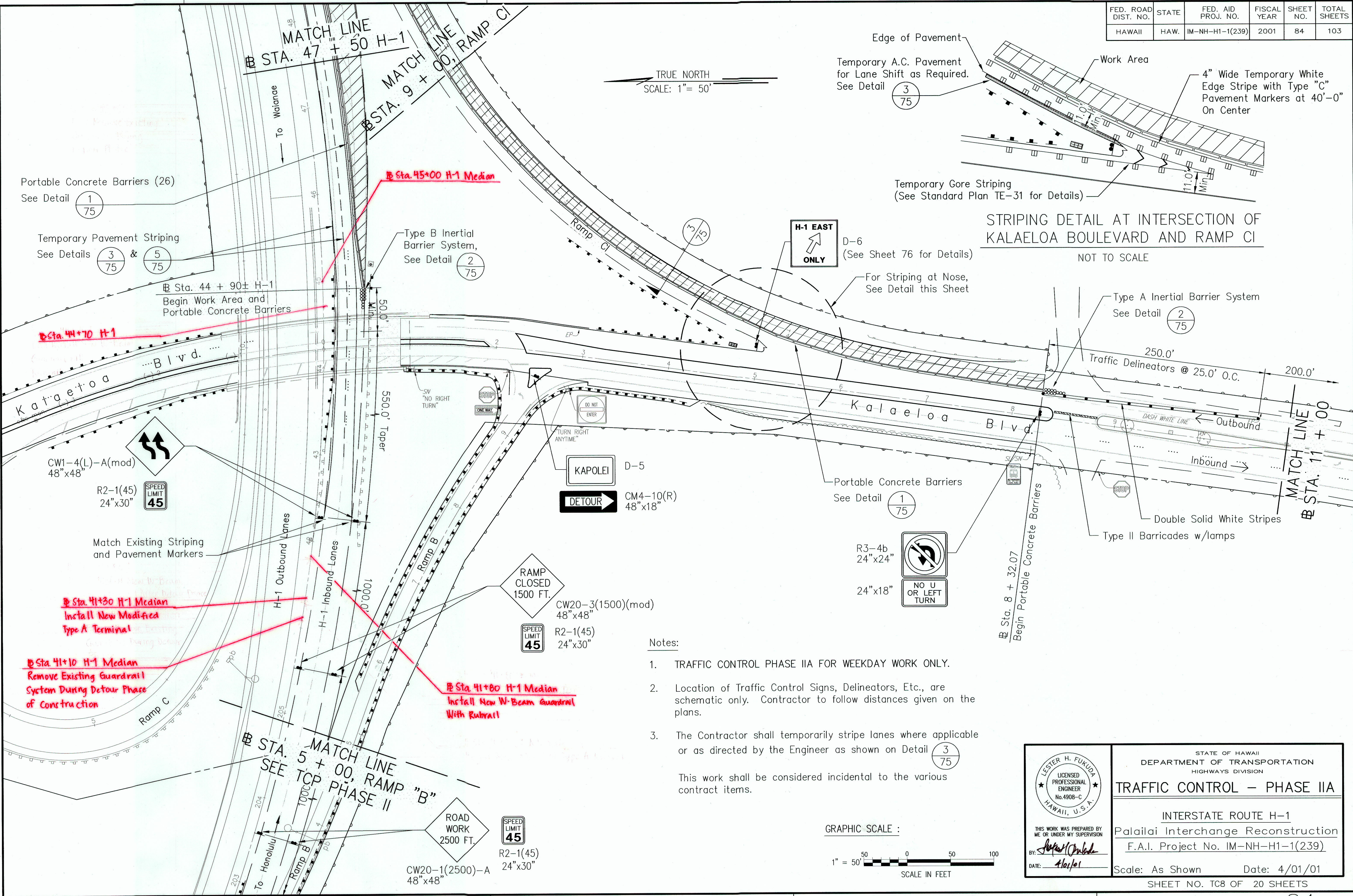
TRAFFIC CONTROL - PHASE II

INTERSTATE ROUTE H-1
Palalai Interchange Reconstruction
F.A.I. Project No. IM-NH-H1-1(239)

Scale: As Shown Date: 4/01/01

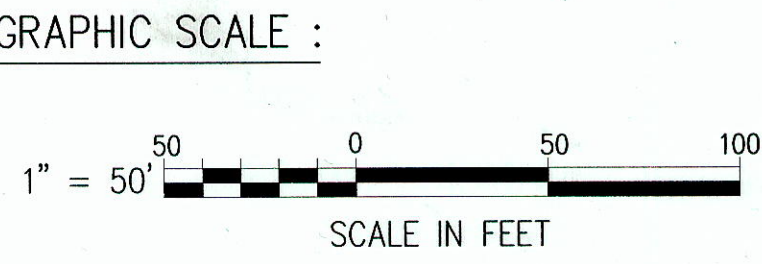
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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-NH-H1-1(239)	2001	84	103



STRIPING DETAIL AT INTERSECTION OF KALAELOA BOULEVARD AND RAMP C
NOT TO SCALE

- Notes:
- TRAFFIC CONTROL PHASE IIA FOR WEEKDAY WORK ONLY.
 - Location of Traffic Control Signs, Delineators, Etc., are schematic only. Contractor to follow distances given on the plans.
 - The Contractor shall temporarily stripe lanes where applicable or as directed by the Engineer as shown on Detail 3/75.
- This work shall be considered incidental to the various contract items.



LESTER H. FUKUDA
LICENSED PROFESSIONAL ENGINEER
No. 4908-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
BY: *[Signature]*
DATE: 4/1/01

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL - PHASE IIA

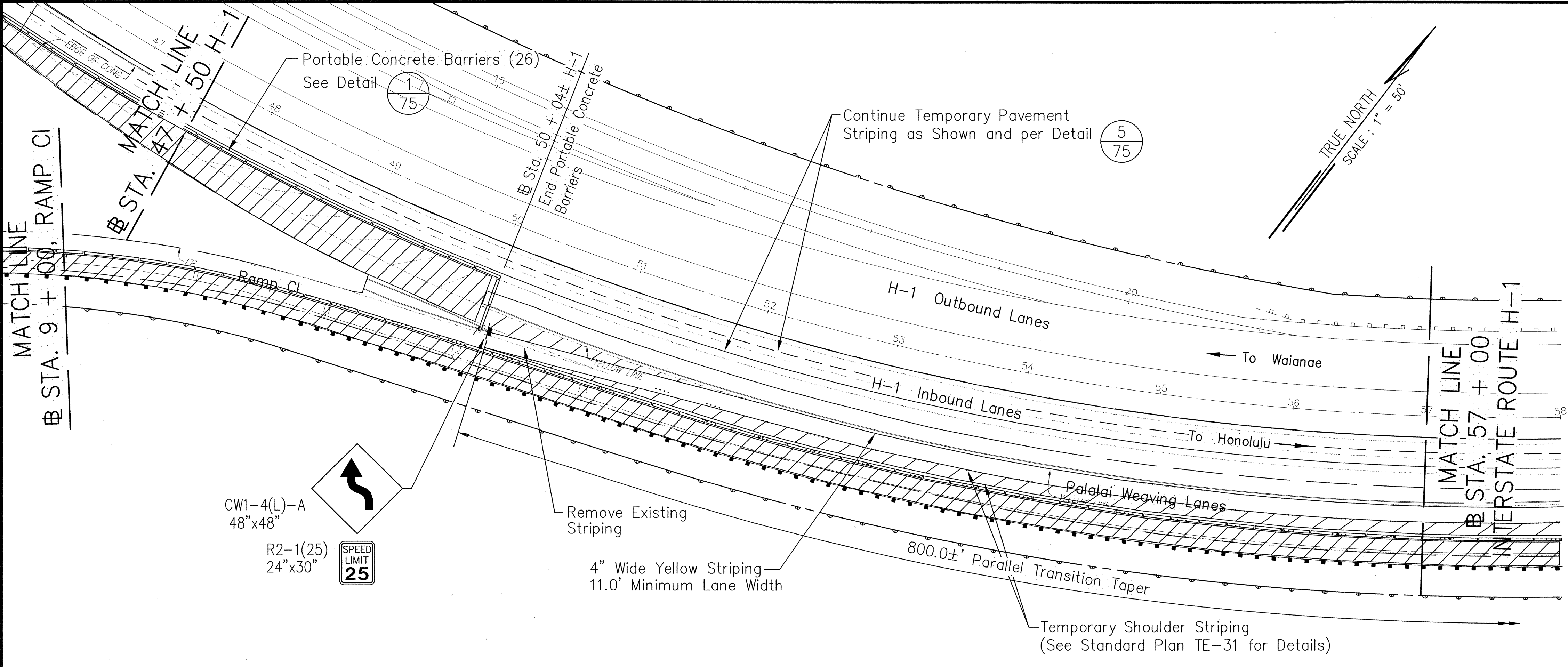
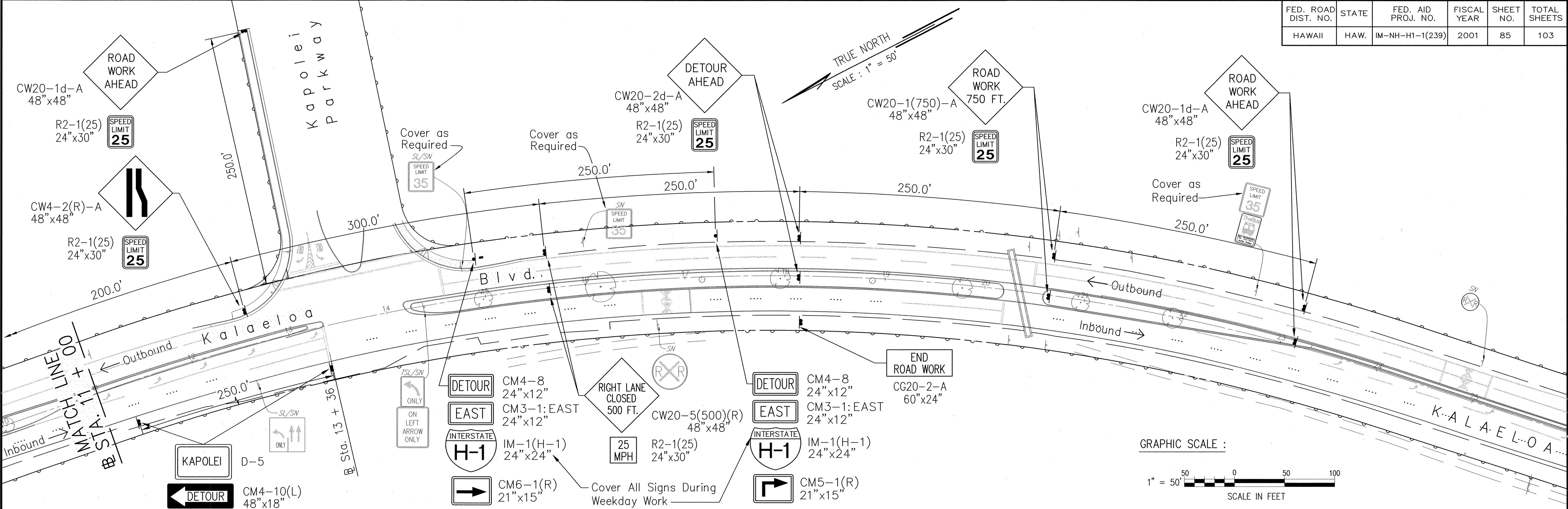
INTERSTATE ROUTE H-1
Palalal Interchange Reconstruction
F.A.I. Project No. IM-NH-H1-1(239)

Scale: As Shown Date: 4/01/01
SHEET NO. TC8 OF 20 SHEETS

DATE: 09/01/00	SCALE: 1" = 50'	FILE: PI-TCP-2a.dwg	JOB NO.: 9810B
SURVEY PLOTTED BY	DRAWN BY	DESIGNED BY	CHECKED BY
ORIGINAL PLAN	NOTED		

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-NH-H1-1(239)	2001	85	103



LESTER H. FUKUDA
LICENSED PROFESSIONAL ENGINEER
No. 4908-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
DATE: 4/01/01

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL - PHASE IIA

INTERSTATE ROUTE H-1
Palilai Interchange Reconstruction
F.A.I. Project No. IM-NH-H1-1(239)

Scale: As Shown Date: 4/01/01

SHEET NO. TC9 OF 20 SHEETS

DATE: 09/01/00

SCALE: 1" = 50'

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JOB NO.: 98108

SURVEY PLOTTED BY: JUN

DRAWN BY: LKH/PT*

DESIGNED BY: PM:

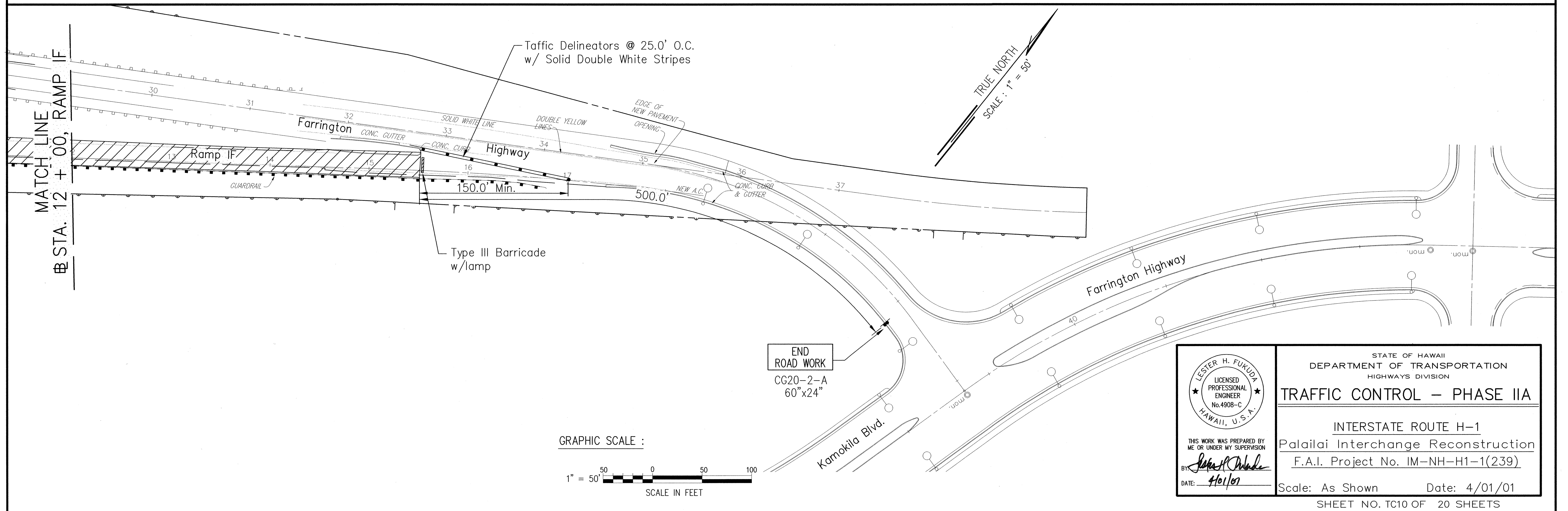
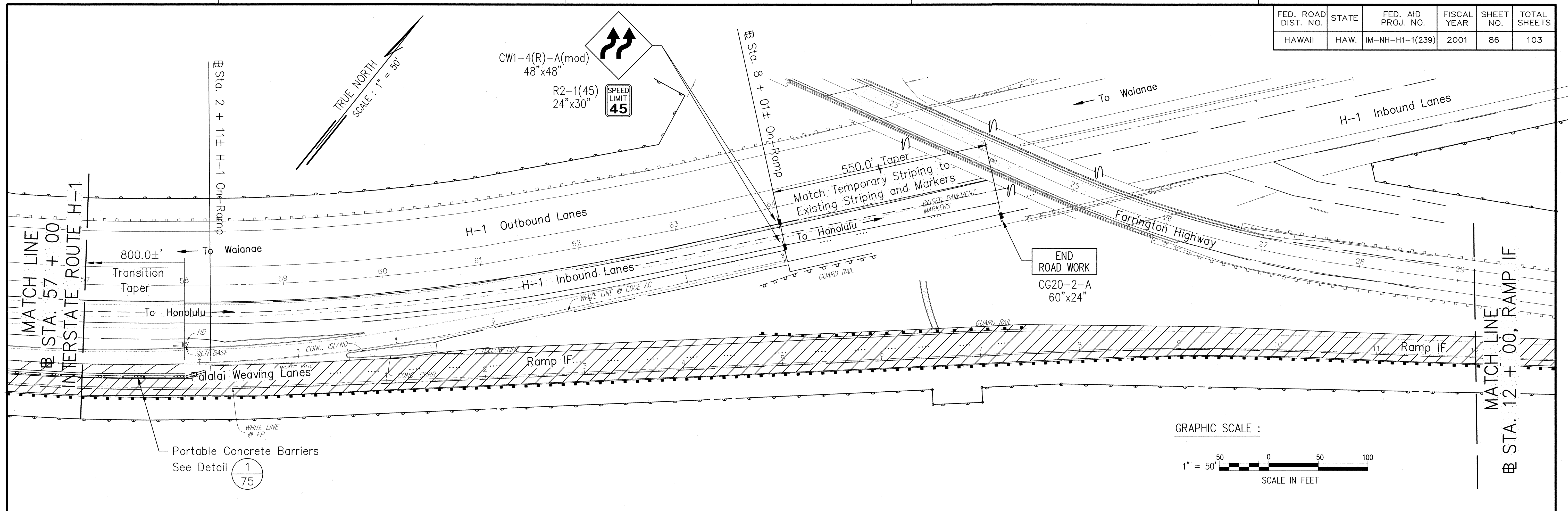
CHECKED BY: OPER:

ORIGINAL PLAN

NOTEBOOK

No.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-NH-H1-1(239)	2001	86	103



DATE	07/25/98	DATE	04/17/01
DESIGNED BY	PM: LKH/PT*	DESIGNED BY	PM: LKH/PT*
TRACED BY	OPER: LKH/PT*	TRACED BY	OPER: LKH/PT*
NOTED BY	REVIS: LKH/PT*	NOTED BY	REVIS: LKH/PT*
CHECKED BY	REVIS: LKH/PT*	CHECKED BY	REVIS: LKH/PT*
FILE	PI-TCP-2a.dwg	FILE	PI-TCP-2a.dwg
JOB NO.	9810b	JOB NO.	9810b

LESTER H. FUKUDA
LICENSED PROFESSIONAL ENGINEER
No. 4908-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

DATE: 4/01/01

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL – PHASE IIA

INTERSTATE ROUTE H-1
Palalai Interchange Reconstruction
F.A.I. Project No. IM-NH-H1-1(239)

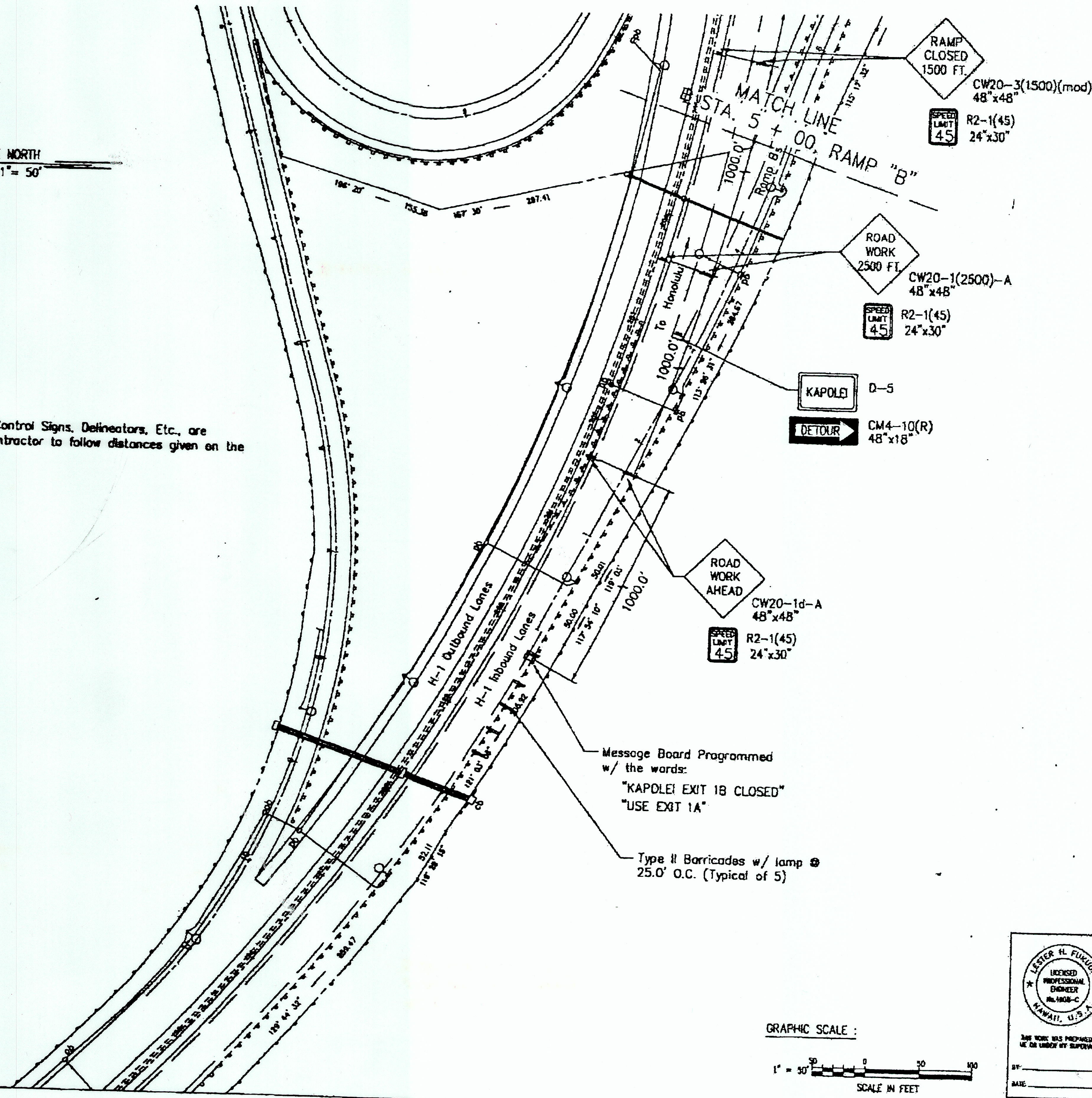
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SHEET NO. TC10 OF 20 SHEETS

TRUE NORTH
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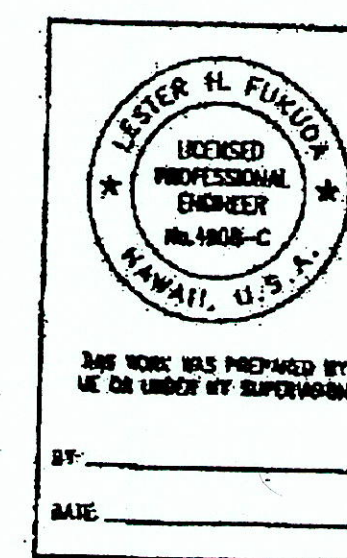
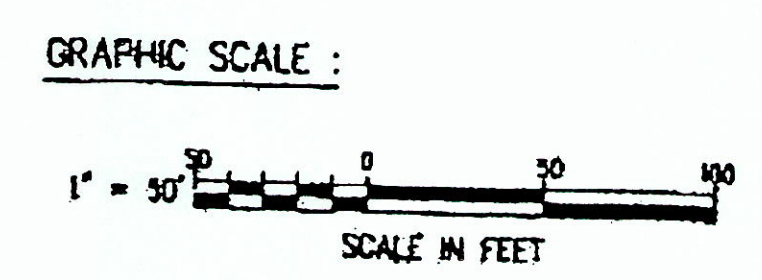
Notes:

1. Location of Traffic Control Signs, Delineators, Etc., are schematic only. Contractor to follow distances given on the plans.



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-NH-H1-1(239)	2001	C.O. 86 S-1	103

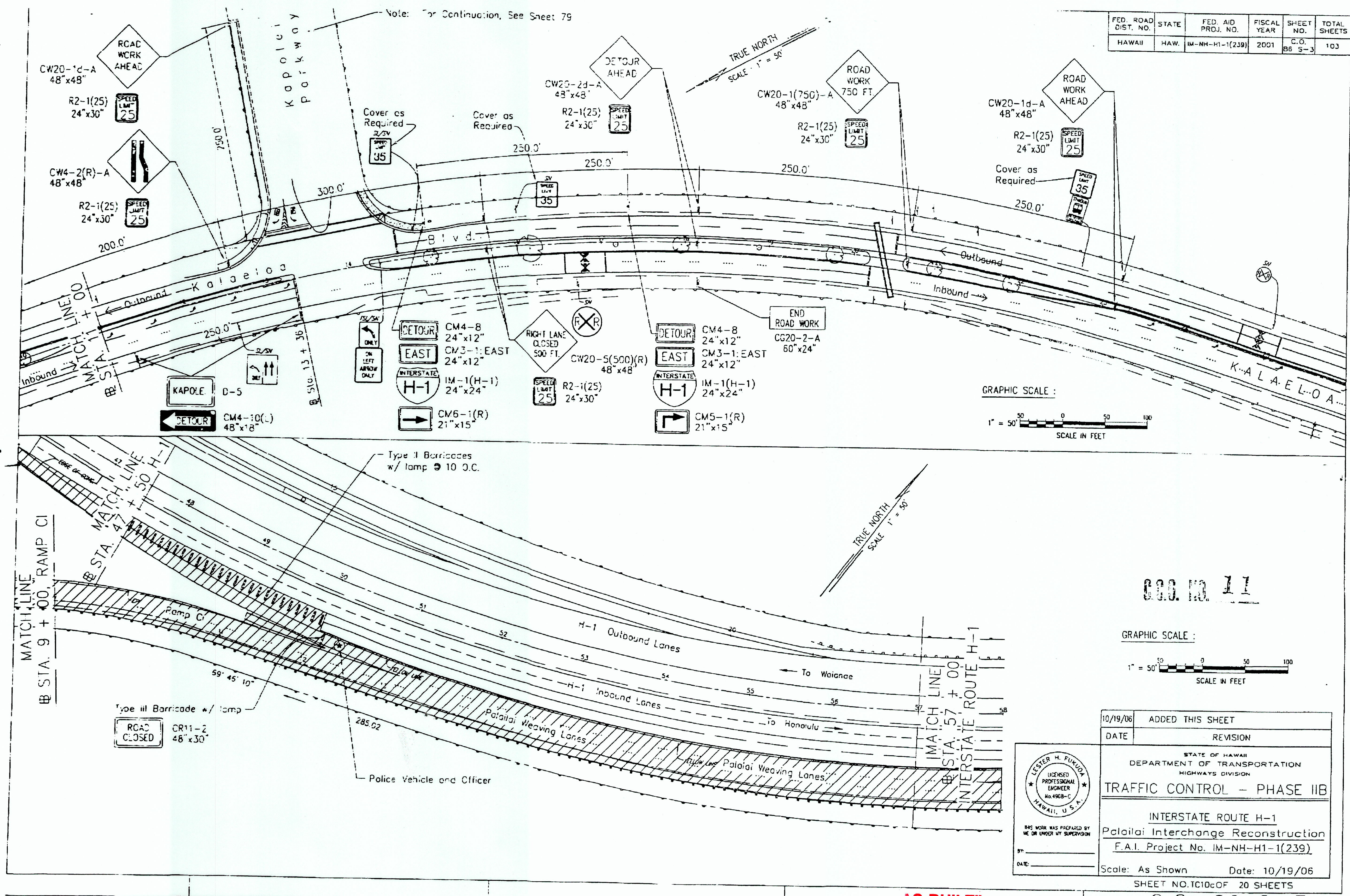
C.C.O. NO. **11**



10/19/06	ADDED THIS SHEET
DATE	REVISION
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TRAFFIC CONTROL - PHASE IIB	
INTERSTATE ROUTE H-1 Palaihi Interchange Reconstruction	
F.A.I. Project No. IM-NH-H1-1(239)	
Scale: As Shown	Date: 10/19/06
SHEET NO. TC10 OF 20 SHEETS	

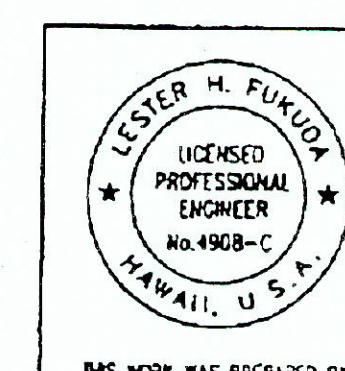
"AS-BUILT"

C.O. 86 S-1



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-NH-H1-1(239)	2001	C.O. 86 S-3	103

C.O. NO. 11

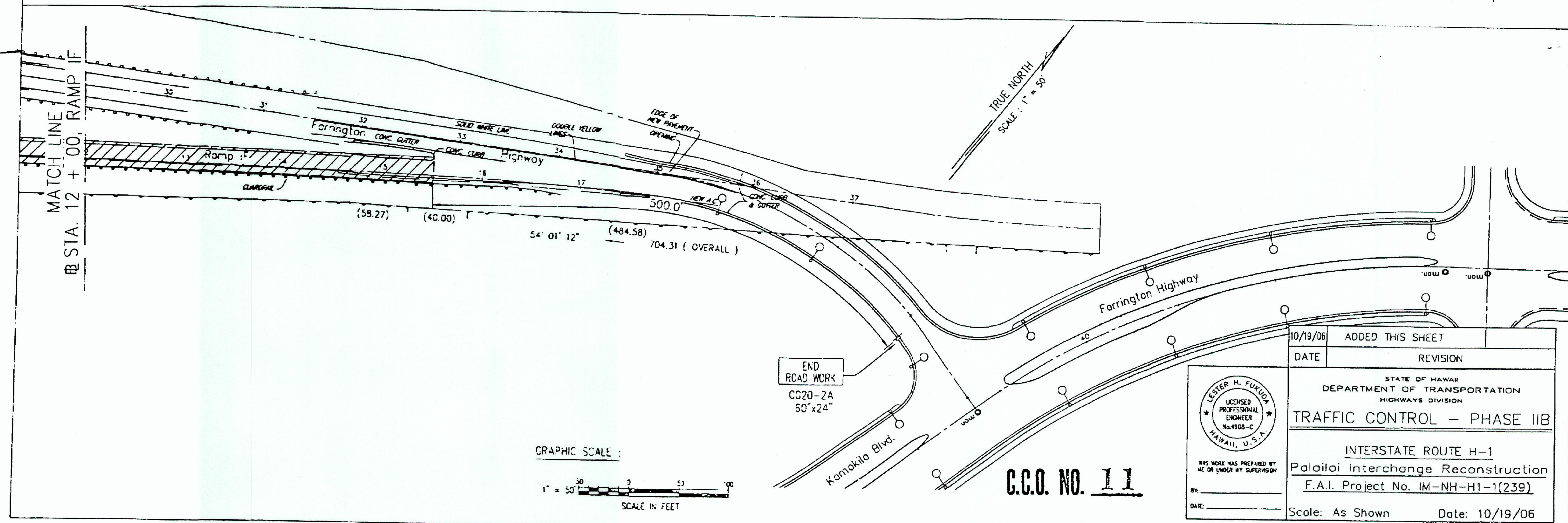
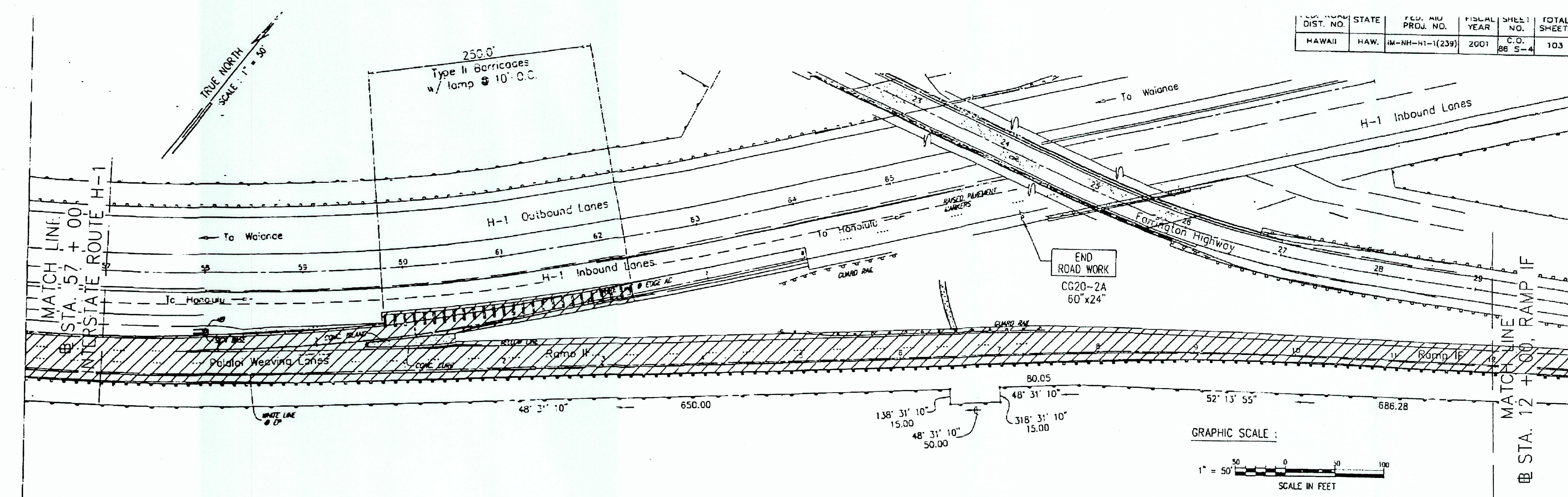


THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
BY: _____
DATE: _____

AS-BUILT

C.O. 86 S-3

DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-NH-H1-1(239)	2001	C.O. 86 S-4	103



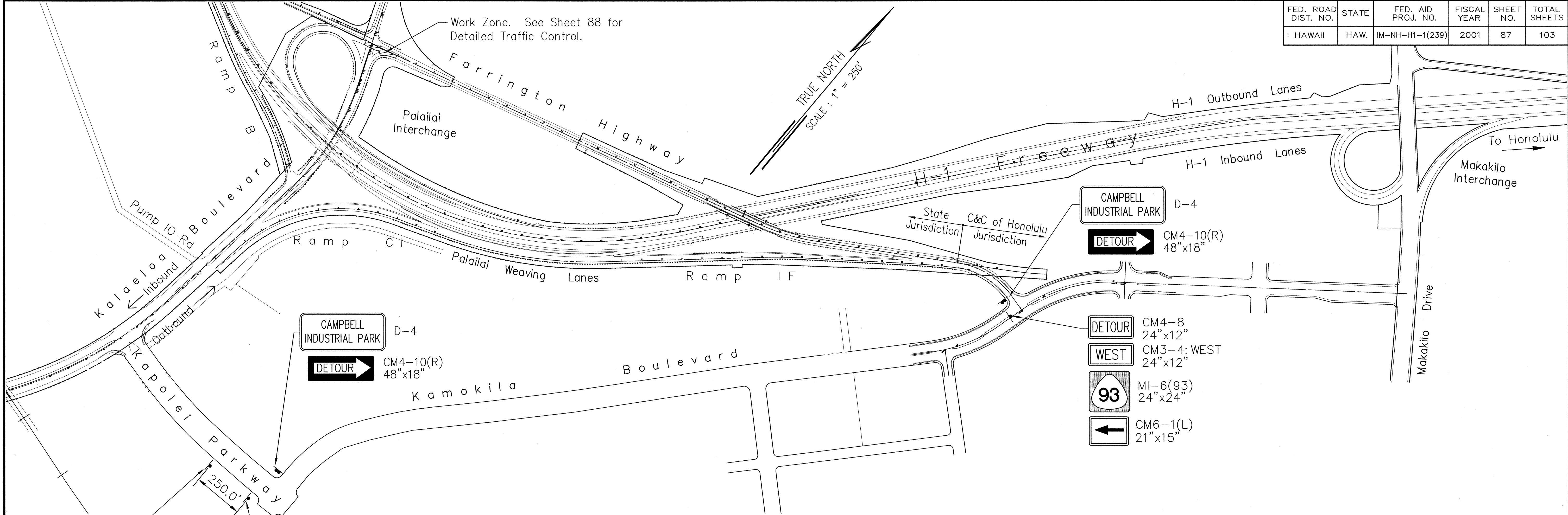
10/19/06	ADDED THIS SHEET
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
TRAFFIC CONTROL - PHASE IIB	
INTERSTATE ROUTE H-1 Palailoi Interchange Reconstruction F.A.I. Project No. IM-NH-H1-1(239)	
Scale: As Shown	Date: 10/19/06
SHEET NO. TC10 OF 20 SHEETS	

C.C.O. NO. 11

"AS-BUILT"

C.O. 86 S-4

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-NH-H1-1(239)	2001	87	103



- DETOUR

CM4-8
24"x12"

WEST

CM3-4: WEST
24"x12"

93

MI-6(93)
24"x24"

←

CM5-1(L)
21"x15"
- DETOUR

CM4-8
24"x12"

WEST

CM3-4: WEST
24"x12"

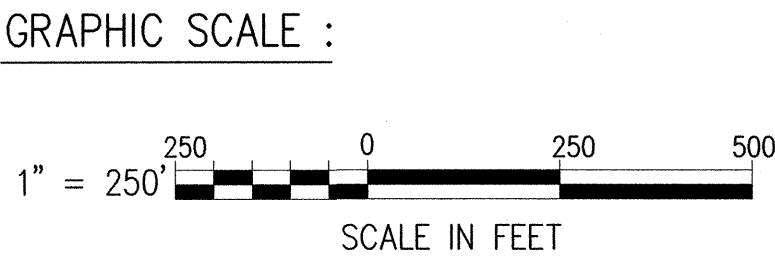
93

MI-6(93)
24"x24"

←

CM6-1(L)
21"x15"

NOTE: TRAFFIC CONTROL PHASE IIIA IS FOR WEEKEND WORK ONLY.



DATE: 11/11/99
SCALE: 1" = 50'
FILE: PI-TCP-3.dwg
JOB NO.: 98105

PM: JUN LKH/PT*
OPER: LKH/PT*
REVISED: 04/17/01

ORIGINAL PLAN	DATE
NO.	
DESIGNED BY	
CHECKED BY	
DATE	
NO.	
DESIGNED BY	
CHECKED BY	
DATE	
NO.	

LESTER H. FUKUDA

LICENSED PROFESSIONAL ENGINEER

No. 4908-C

HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

BY: *[Signature]*

DATE: 4/6/01

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

TRAFFIC CONTROL - PHASE IIIA

INTERSTATE ROUTE H-1

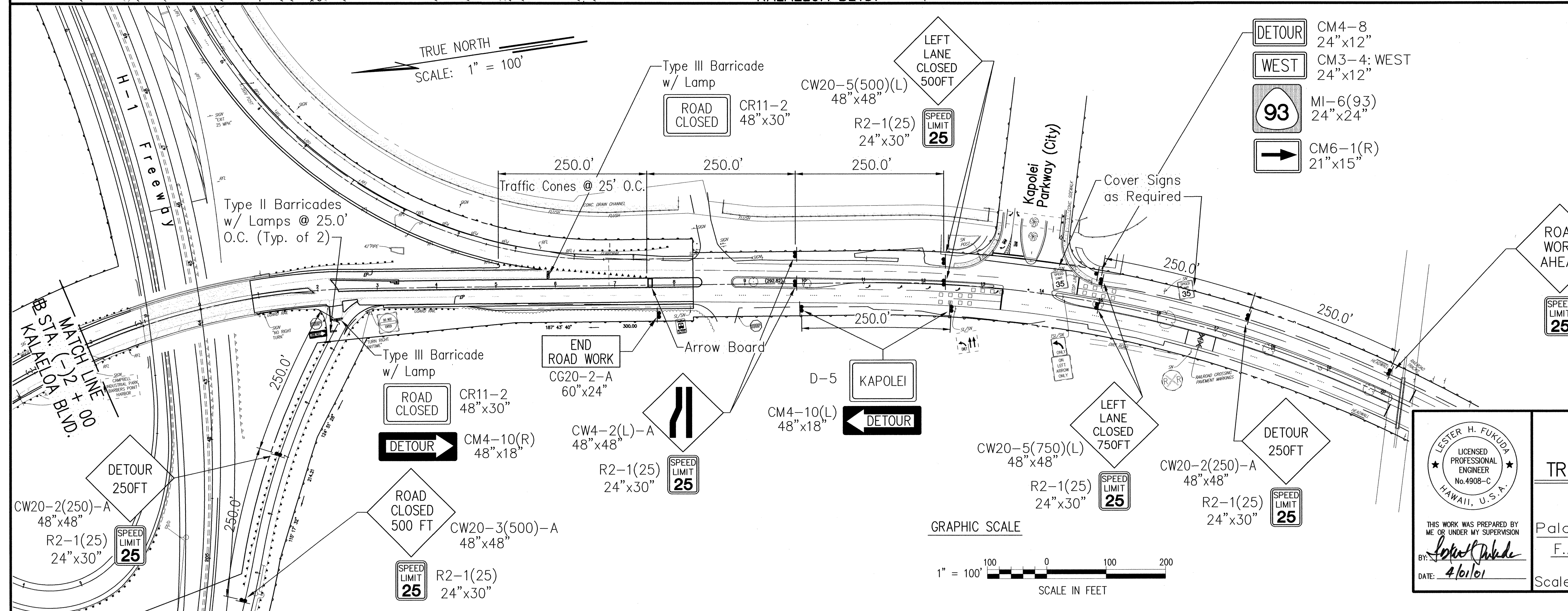
Palailai Interchange Reconstruction

F.A.I. Project No. IM-NH-H1-1(239)

Scale: As Shown

Date: 4/01/01

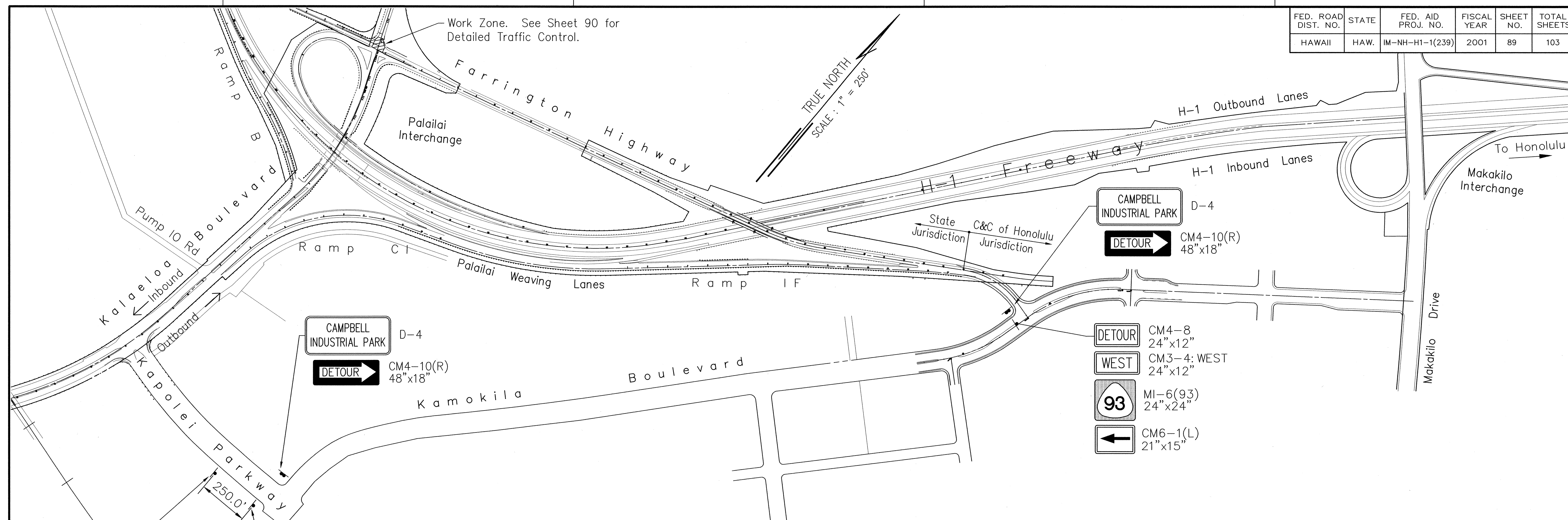
SHEET NO. TC11 OF 20 SHEETS

[illegible]

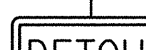
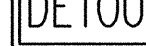
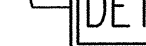
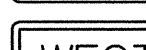
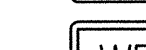
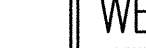
ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
NOTEBOOK	DRAWN BY _____	_____
	TRACED BY _____	_____
	DESIGNED BY _____	_____
	QUANTITIES BY _____	_____
	CHECKED BY _____	_____
No. _____		

BY IN ✓ —	STATE OF HAWAII
	DEPARTMENT OF TRANSPORTATION
	HIGHWAYS DIVISION
	TRAFFIC CONTROL — PHASE IIIA
	<u>INTERSTATE ROUTE H-1</u>
	<u>Palailai Interchange Reconstruction</u>
	<u>F.A.I. Project No. IM-NH-H1-1(239)</u>
	Scale: As Shown Date: 4/01/01
	SHEET NO. TC12 OF 20 SHEETS

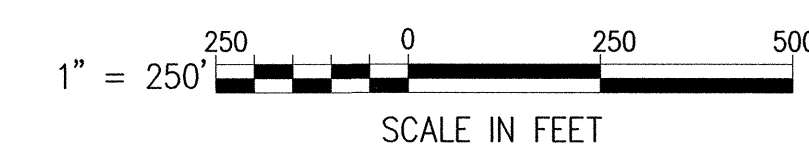
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-NH-H1-1(239)	2001	89	103



NOTE: TRAFFIC CONTROL PHASE IIIB IS FOR WEEKEND WORK ONLY.

- | | | | |
|---|------------------------|---|------------------------|
|  | CM4-8
24"x12" |  | CM4-8
24"x12" |
|  | CM3-4: WEST
24"x12" |  | CM3-4: WEST
24"x12" |
|  | MI-6(93)
24"x24" |  | MI-6(93)
24"x24" |
|  | CM5-1(L)
21"x15" |  | CM6-1(L)
21"x15" |

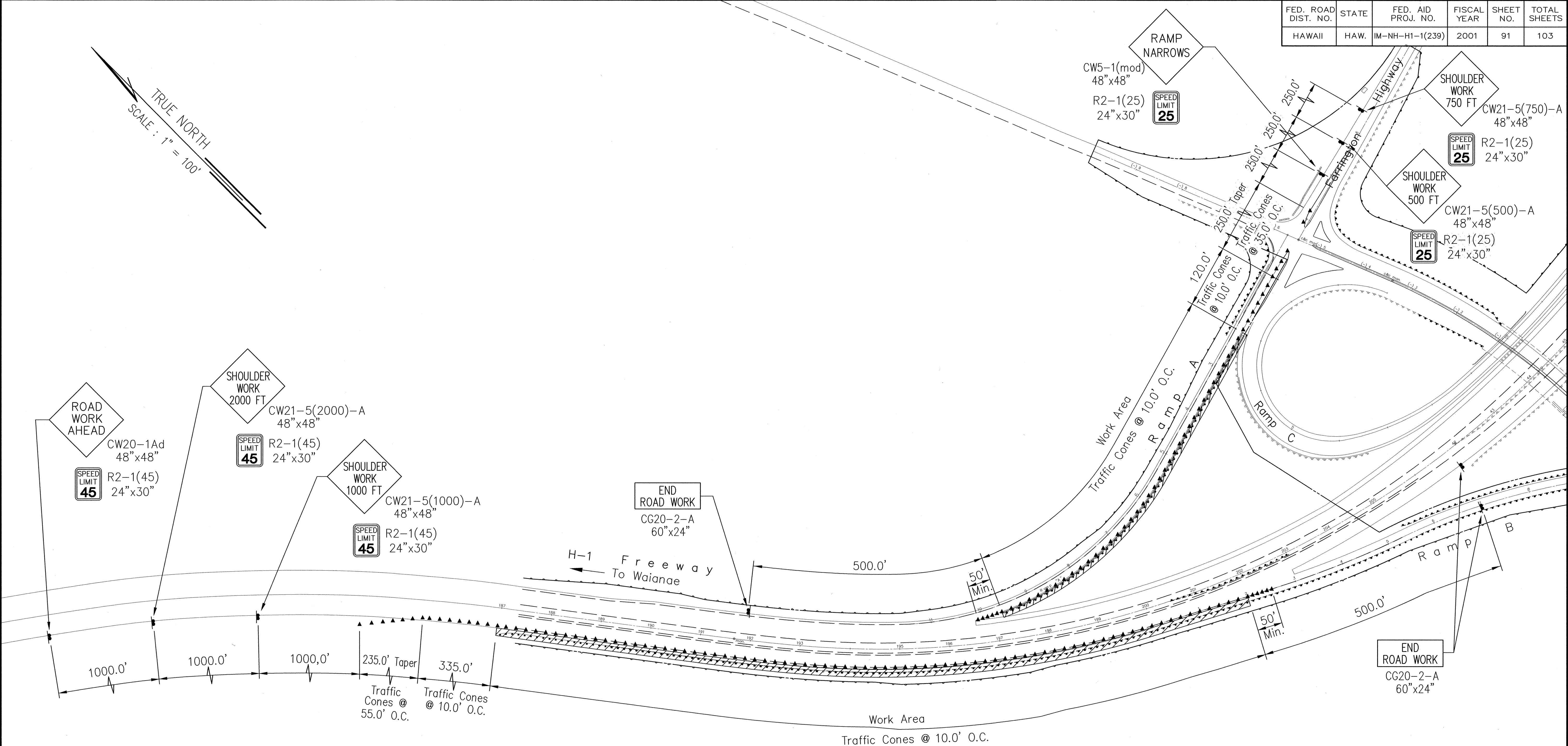
GRAPHIC SCALE :



ORIGINAL PLAN	SURVEY PLOTTED BY	3	DATE	
NOTEBOOK	DRAWN BY		"	
	TRACED BY		"	
	DESIGNED BY	3	"	
	QUANTITIES BY		"	
No.	CHECKED BY			

	STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
	TRAFFIC CONTROL — PHASE IIIB
	INTERSTATE ROUTE H-1 Palailai Interchange Reconstruction F.A.I. Project No. IM-NH-H1-1(239)
	Scale: As Shown Date: 4/01/01
SHEET NO. TC13 OF 20 SHEETS	

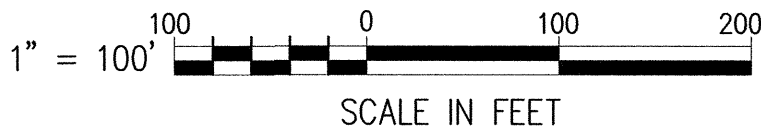
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-NH-H1-1(239)	2001	91	103



NOTES:

1. See Sheet 77 for additional guardrail work on Ramp B.
2. See Sheet 92 for additional guardrail work on Ramp A and guardrail work on Ramp C.
3. Location of Traffic Control Signs, Delineators, etc. are schematic only. Contractor to follow distances given on the plans.

GRAPHIC SCALE :



LESTER H. FUKUDA
LICENSED PROFESSIONAL ENGINEER
No. 4908-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION
BY: *[Signature]*
DATE: 4/6/01

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL FOR
GUARDRAIL WORK - RAMPS A & B

INTERSTATE ROUTE H-1
Palailai Interchange Reconstruction
F.A.I. Project No. IM-NH-H1-1(239)

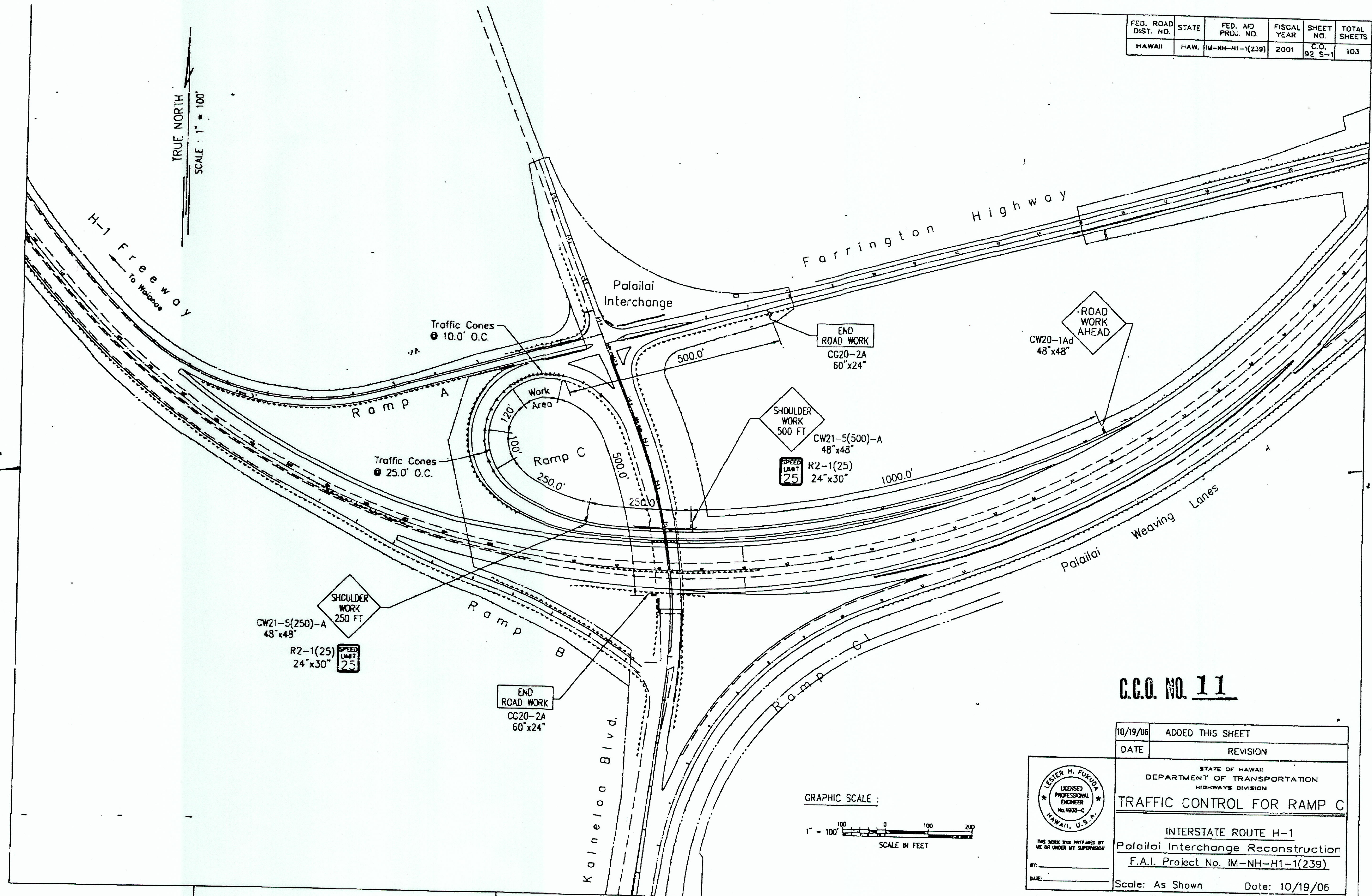
Scale: As Shown Date: 4/01/01

SHEET NO. TC15 OF 20 SHEETS

DATE: 05/25/00
SCALE: 1" = 100'
FILE: Pl-top-guardrail.dwg
JOB NO: 9810b

SURVEY DATED BY: _____
DRAWN BY: _____
DESIGNED BY: _____
QUANTITIES BY: _____
CHECKED BY: _____
ORIGINAL PLAN NO. _____
NOTEBOOK NO. _____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-NH-H1-1(239)	2001	C.O. 92 S-1	103



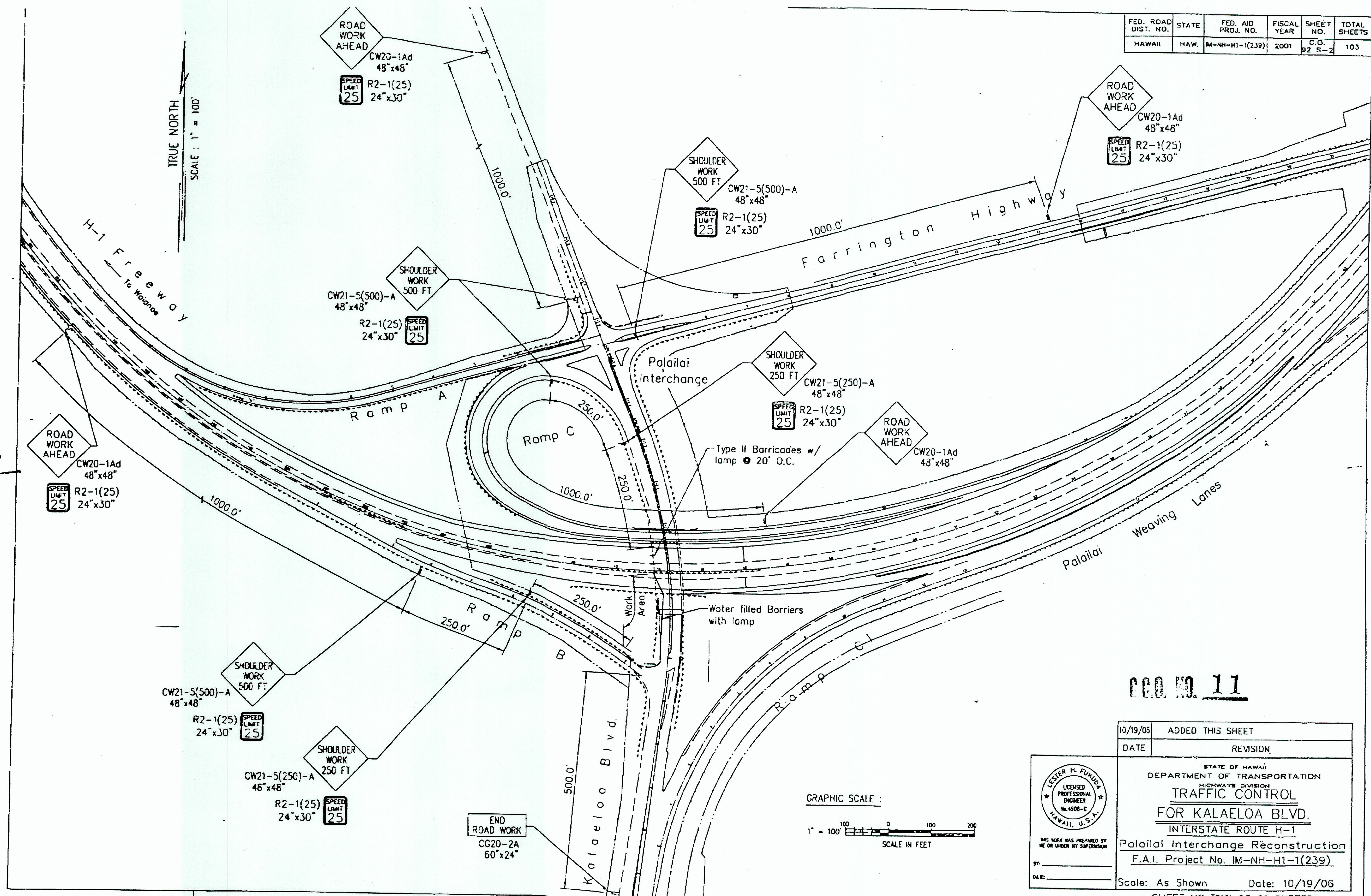
C.C.O. NO. 11

10/19/06	ADDED THIS SHEET
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
TRAFFIC CONTROL FOR RAMP C	
INTERSTATE ROUTE H-1 Palailai Interchange Reconstruction F.A.I. Project No. IM-NH-H1-1(239)	
Scale: As Shown	Date: 10/19/06
SHEET NO. TC16a OF 20 SHEETS	

"AS-BUILT"

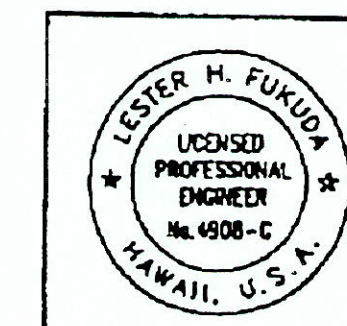
C.O. 92 S-1

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-NH-H1-1(239)	2001	92 S-2	103



C.O. NO. 11

10/19/06	ADDED THIS SHEET
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION TRAFFIC CONTROL FOR KALAELOA BLVD. INTERSTATE ROUTE H-1 Palailai Interchange Reconstruction F.A.I. Project No. IM-NH-H1-1(239)	
Scale: As Shown	Date: 10/19/06
SHEET NO. TC16b OF 20 SHEETS	



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
 BY: _____
 DATE: _____

"AS-BUILT"

C.O. 92 S-2

DATE: 7/14/98
SCALE: 1" = 1
FILE: P-TC-SUM1
JOB NO.: 98106

ORIGINAL PLAN NOTEBOOK No. _____	SURVEY PLOTTED BY _____	DATE _____
	DESIGNED BY _____	DATE _____
	DESIGNED BY _____	DATE _____
	QUANTITIES BY _____	DATE _____
	CHECKED BY _____	DATE _____

JUN
PM:
OPER: LKH*/PT
REVISED: 04/17/01

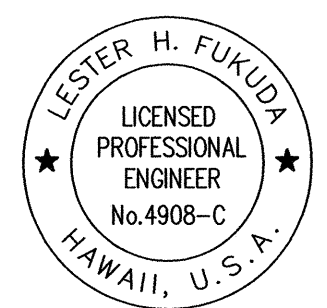
CONSTRUCTION SIGN SUMMARY – PHASE I					
SIGN NO.	LOCATION	MESSAGE	WITHOUT POST	WITH 1 POST	WITH 2 POSTS
CW20–1d–A	Ⓜ STA. 163+00 H–1 (Inbound, Rt.)	ROAD WORK AHEAD			1
CW20–1(3000)–A	Ⓜ STA. 173+00 H–1 (Inbound, Rt.)	ROAD WORK 3000 FT.			1
CW20–3(2000)(Mod.)	Ⓜ STA. 183+00 H–1 (Inbound, Rt.)	RAMP CLOSED 2000 FT.			1
Message Board	Ⓜ STA. 193+00 H–1 (Inbound, Rt.)	RAMP CLOSED; USE EXIT 1B			
CR11–2(Mod.)	Ⓜ STA. 3+00 Ramp B	RAMP CLOSED	1*		
CG20–2–A	Ⓜ STA. 5+50 Ramp A (Rt.)	END ROAD WORK			1
D–4	Ⓜ STA. 1+80 Ramp C (Lt.)	CAMPBELL INDUSTRIAL PARK			1
CM4–8	Ⓜ STA. 1+80 Ramp C (Lt.)	DETOUR			1
CM6–3	Ⓜ STA. 1+80 Ramp C (Lt.)	Straight Ahead Arrow Symbol			1
CR11–2	Ⓜ STA. 2+00 Ramp C	ROAD CLOSED	1*		
CM4–10(L)	Ⓜ STA. 2+00 Ramp C	DETOUR (Left)	1*		
CW20–2(250)–A	Ⓜ STA. 4+50 Ramp C (Lt.)	DETOUR 250 FT			1
R2–1(25)	Ⓜ STA. 4+50 Ramp C (Lt.)	SPEED LIMIT 25			1
CW20–1D–A	Ⓜ STA. 7+00 Ramp C (Lt.)	ROAD WORK AHEAD			1
R2–1(25)	Ⓜ STA. 7+00 Ramp C (Lt.)	SPEED LIMIT 25			1
CG20–2–A	Ⓜ STA. 9+50± Ramp CI (Rt.)	END ROAD WORK			1
D–4	Ⓜ STA. 9+32 Farrington Hwy. (Rt.)	CAMPBELL INDUSTRIAL PARK			1
CM4–10(L)	Ⓜ STA. 9+32 Farrington Hwy. (Rt.)	DETOUR (Left)			1
D–4	Ⓜ STA. 14+18 Farrington Hwy. (Rt.)	CAMPBELL INDUSTRIAL PARK			1
CM4–10(L)	Ⓜ STA. 14+18 Farrington Hwy. (Rt.)	DETOUR (Left)			1
CR3–2–A	Ⓜ STA. 4+00 Farrington Hwy. (Median)	No Left Turn Symbol			1
CR11–2	Ⓜ STA. (–)5+30 Kalaeloa Blvd.	ROAD CLOSED	1*		
CR3–1–A	Ⓜ STA. (–)5+30 Kalaeloa Blvd. (Inbound)	No Right Turn Symbol			1
CR11–2	Ⓜ STA. 8+50 Kalaeloa Blvd. (Outbound)	ROAD CLOSED	1*		
CW4–2(L)–A	Ⓜ STA. 12+55 Kalaeloa Blvd. (Outbound)	Merge Left Symbol			2
R2–1(25)	Ⓜ STA. 12+55 Kalaeloa Blvd. (Outbound)	SPEED LIMIT 25			2
CR11–2	Ⓜ STA. 13+00 Kalaeloa Blvd. (Inbound)	ROAD CLOSED	1*		
CG20–2–A	Ⓜ STA. 18+00 Kalaeloa Blvd. (Inbound)	END ROAD WORK			1
CW20–5(500)(L)	Ⓜ STA. 15+55 Kalaeloa Blvd. (Outbound)	LEFT LANE CLOSED 500 FT			2
R2–1(25)	Ⓜ STA. 15+55 Kalaeloa Blvd. (Outbound)	SPEED LIMIT 25			2
CW20–2d–A	Ⓜ STA. 18+00 Kalaeloa Blvd. (Outbound)	DETOUR AHEAD			2
R2–1(25)	Ⓜ STA. 18+00 Kalaeloa Blvd. (Outbound)	SPEED LIMIT 25			2
CW20–1d–A	Ⓜ STA. 20+50 Kalaeloa Blvd. (Outbound)	ROAD WORK AHEAD			2
R2–1(25)	Ⓜ STA. 20+50 Kalaeloa Blvd. (Outbound)	SPEED LIMIT 25			2
D–4	Kapolei Parkway, 250’ from Kalaeloa Blvd.	CAMPBELL INDUSTRIAL PARK			1
CM4–10(L)	Kapolei Parkway, 250’ from Kalaeloa Blvd.	DETOUR (Left)			1
CW20–1d–A	Kapolei Parkway, 500’ from Kalaeloa Blvd.	ROAD WORK AHEAD			1
D–4	Kamokila Blvd. & Kapolei Parkway Intersection	CAMPBELL INDUSTRIAL PARK			1
CM4–10(R)	Kamokila Blvd. & Kapolei Parkway Intersection	DETOUR (Right)			1
D–4	Kamokila Blvd., 250’ from Kapolei Parkway	CAMPBELL INDUSTRIAL PARK			1
CM4–10(R)	Kamokila Blvd., 250’ from Kapolei Parkway	DETOUR (Right)			1
D–4	Manawai St., at Kamokila Blvd. Intersection	CAMPBELL INDUSTRIAL PARK			1
CM4–10(L)	Manawai St., at Kamokila Blvd. Intersection	DETOUR (Left)			1

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM–NH–H1–1(239)	2001	93	103

CONSTRUCTION SIGN SUMMARY – PHASE I (Cont.)					
SIGN NO.	LOCATION	MESSAGE	WITHOUT POST	WITH 1 POST	WITH 2 POSTS
D–4	Farrington Hwy., at Kamokila Blvd. Intersection	CAMPBELL INDUSTRIAL PARK			1
CM4–10(R)	Farrington Hwy., at Kamokila Blvd. Intersection	DETOUR			1
D–4	Kamokila Blvd., at Farrington Hwy Intersection	CAMPBELL INDUSTRIAL PARK		1	
CM4–8	Kamokila Blvd., at Farrington Hwy Intersection	DETOUR		1	
CM6–3	Kamokila Blvd., at Farrington Hwy Intersection	Straight Ahead Arrow Symbol		1	
D–4	Kamokila Blvd., 550’ Farrington Hwy Intersection	CAMPBELL INDUSTRIAL PARK		1	
CM4–8	Kamokila Blvd., 550’ Farrington Hwy Intersection	DETOUR		1	
CM6–3	Kamokila Blvd., 550’ Farrington Hwy Intersection	Straight Ahead Arrow Symbol		1	
CG20–2–A	Ⓜ STA. 45+00 H–1 (Inbound, Rt.)	END ROAD WORK			1
		TOTAL	6	6	47

* SIGN MOUNTED TO BARRICADE

ROUTE MARKER ASSEMBLY – PHASE I			
TYPE	LOCATION	MESSAGES	WITH POST
A	Ⓜ STA. 16+70 Kalaeloa Blvd.	Detour, West, Route 93 Marker	1
		Right Turn Arrow Symbol	
A	Kapolei Parkway,	Detour, West, Route 93 Marker	1
	250’ From Kamokila Blvd	Left Turn Arrow Symbol	
A	Kapolei Parkway & Kamokila Blvd. Intersection	Detour, West, Route 93 Marker	1
		Left Arrow Symbol	
A	Kamokila Blvd.,	Detour, West, Route 93 Marker	1
	250’ From Farrington Hwy.	Left Turn Arrow Symbol	
A	Kamokila Blvd. At Farrington Hwy. Intersection	Detour, West, Route 93 Marker	2
		Left Arrow Symbol	
		TOTAL	6

 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION BY: <i>[Signature]</i> DATE: <i>4/01/01</i>	STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION MISCELLANEOUS TRAFFIC SUMMARY INTERSTATE ROUTE H–1 Palailai Interchange Reconstruction F.A.I. Project No. IM–NH–H1–1(239) Scale: As Shown Date: 4/01/01 SHEET NO. TC17 OF 20 SHEETS
--	--

DATE: 7/14/98
SCALE: 1" = 1'
FILE: PI-TC-SUM2
JOB NO.: 9810b

DATE: 04/20/01
REVISED: 04/20/01

DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
DESIGNED BY	_____
QUANTITIES BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NOTEBOOK	_____
No.	_____

CONSTRUCTION SIGN SUMMARY – PHASE II & IIA				
SIGN NO.	LOCATION	MESSAGE	WITHOUT POST	WITH 2 POSTS
Message Board	Ⓜ STA. 153+90 H-1 (Inbound, Rt.)	KAPOLEI EXIT 1B CLOSED		
Message Board	Ⓜ STA. 163+90 H-1 (Inbound, Rt.)	USE EXIT 1A		
CW20-1d-A	Ⓜ STA. 173+90 H-1 (Inbound, Lt. & Rt.)	ROAD WORK AHEAD		2
R2-1(45)	Ⓜ STA. 173+90 H-1 (Inbound, Lt. & Rt.)	SPEED LIMIT 45		2
CW20-1(2500)-A	Ⓜ STA. 183+90 H-1 (Inbound, Lt. & Rt.)	ROAD WORK 2500 FT		2
R2-1(45)	Ⓜ STA. 183+90 H-1 (Inbound, Lt. & Rt.)	SPEED LIMIT 45		2
CW20-3(1500)(mod)	Ⓜ STA. 193+90 H-1 (Inbound, Lt. & Rt.)	RAMP CLOSED 1500 FT		2
R2-1(45)	Ⓜ STA. 193+90 H-1 (Inbound, Lt. & Rt.)	SPEED LIMIT 45		2
D-5	Ⓜ STA. 203+00 H-1 (Inbound, Rt.)	KAPOLEI		1
CM4-10(R)	Ⓜ STA. 203+00 H-1 (Inbound, Rt.)	DETOUR (Right)		1
CW1-4(L)-A(mod)	Ⓜ STA. 203+90 H-1 (Inbound, Lt. & Rt.)	Double Reverse Turn Left Symbol		2
R2-1(45)	Ⓜ STA. 203+90 H-1 (Inbound, Lt. & Rt.)	SPEED LIMIT 45		2
CW1-4(R)-A(mod)	Ⓜ STA. 64+00 H-1 (Inbound, Lt. & Rt.)	Double Reverse Turn Right Symbol		2
R2-1(45)	Ⓜ STA. 64+00 H-1 (Inbound, Lt. & Rt.)	SPEED LIMIT 45		2
CW1-4(L)-A	Ⓜ STA. 12+20 Ramp Cl (Lt.)	Reverse Turn Right Symbol		1
R2-1(45)	Ⓜ STA. 12+20 Ramp Cl (Lt.)	SPEED LIMIT 45		1
CG20-2-A	Ⓜ STA. 69+50 H-1 (Inbound, Rt.)	END ROAD WORK		1
D-5	Ⓜ STA. 9+80 Ramp B (Lt.)	KAPOLEI		1
CM4-10(R)	Ⓜ STA. 9+80 Ramp B (Lt.)	DETOUR (Right)		1
D-6	Median between Kalaeloa Blvd. and Ramp Cl	H-1 EAST ONLY		1
R3-4b	Ⓜ STA. 8+32.07 Kalaeloa Blvd. (Median)	NO U OR LEFT TURN		1
CR11-2	Ⓜ STA. 8+50 Kalaeloa Blvd.	ROAD CLOSED	1*	
CM4-10(R)	Ⓜ STA. 8+50 Kalaeloa Blvd.	DETOUR (Right)	1*	
CW4-2(R)-A	Ⓜ STA. 12+60 Kalaeloa Blvd. (Outbound)	Merge Right Symbol		1
R2-1(25)	Ⓜ STA. 12+60 Kalaeloa Blvd. (Outbound)	SPEED LIMIT 25		1
D-5	Ⓜ STA. 10+86 Kalaeloa Blvd. (Inbound, Rt.)	KAPOLEI		1
CM4-10(L)	Ⓜ STA. 10+86 Kalaeloa Blvd. (Inbound, Rt.)	DETOUR (Left)		1
D-5	Ⓜ STA. 13+36 Kalaeloa Blvd. (Inbound, Rt.)	KAPOLEI		1
CM4-10(L)	Ⓜ STA. 13+36 Kalaeloa Blvd. (Inbound, Rt.)	DETOUR (Left)		1
CW20-5(500)(R)	Ⓜ STA. 15+60 Kalaeloa Blvd. (Outbound)	RIGHT LANE CLOSED 500 FT		2
R2-1(25)	Ⓜ STA. 15+60 Kalaeloa Blvd. (Outbound)	SPEED LIMIT 25		2
CG20-2-A	Ⓜ STA. 18+10 Kalaeloa Blvd. (Inbound)	END ROAD WORK		1
CW20-2d-A	Ⓜ STA. 18+10 Kalaeloa Blvd. (Outbound)	DETOUR AHEAD		2
R2-1(25)	Ⓜ STA. 18+10 Kalaeloa Blvd. (Outbound)	SPEED LIMIT 25		2
CW20-1(750)-A	Ⓜ STA. 20+60 Kalaeloa Blvd. (Outbound)	ROAD WORK 750 FT		2
R2-1(25)	Ⓜ STA. 20+60 Kalaeloa Blvd. (Outbound)	SPEED LIMIT 25		2
CW20-1d-A	Ⓜ STA. 23+10 Kalaeloa Blvd. (Outbound)	ROAD WORK AHEAD		2
R2-1(25)	Ⓜ STA. 23+10 Kalaeloa Blvd. (Outbound)	SPEED LIMIT 25		2
CW20-1d-A	Kapolei Parkway, 250' from Kalaeloa Blvd.	ROAD WORK AHEAD		1
R2-1(25)	Kapolei Parkway, 250' from Kalaeloa Blvd.	SPEED LIMIT 25		1
CG20-2-A	Farrington Hwy., at Kamokila Blvd. Intersection	END ROAD WORK		1
		TOTAL	2	54

* SIGN MOUNTED TO BARRICADE

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-NH-H1-1(239)	2001	94	103

ROUTE MARKER ASSEMBLY – PHASE II & IIA			
TYPE	LOCATION	MESSAGES	WITH POST
A	Ⓜ STA. 15+00 Kalaeloa Blvd. (Outbound)	Detour, East, H-1 Route Marker,	1
		Right Arrow Symbol	
A	Ⓜ STA. 17+50 Kalaeloa Blvd. (Outbound)	Detour, East, H-1 Route Marker,	1
		Right Turn Arrow Symbol	
A	Kapolei Parkway	Detour, East, H-1 Route Marker,	1
	250' From Kamokila Blvd.	Left Turn Arrow Symbol	
A	Kapolei Parkway And Kamokila Blvd. Intersection	Detour, East, H-1 Marker,	1
		Left Arrow Symbol	
A	Kamokila Blvd.	Detour, East, H-1 Route Marker	1
	250' From Farrington Hwy.	Straight Ahead Arrow Symbol	
A	Kamokila Blvd. At Farrington Hwy. Intersection	Detour, East, H-1 Route Marker,	2
		Straight Ahead Arrow Symbol	
A	Kamokila Blvd. At Makakilo Drive Intersection	Detour, East, H-1 Route Marker,	1
		Left Arrow Symbol	
		TOTAL	8

LESTER H. FUKUDA

LICENSED PROFESSIONAL ENGINEER

No. 4908-C

HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

BY: *Lester H. Fukuda*

DATE: 4/6/01

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

MISCELLANEOUS TRAFFIC SUMMARY

INTERSTATE ROUTE H-1

Palailai Interchange Reconstruction

F.A.I. Project No. IM-NH-H1-1(239)

Scale: As Shown

DATE: 4/01/01

DATE: 7/14/98
SCALE: 1" = 100'
FILE: PI-TC-SUM3
JOB NO.: 98106

DATE: JUN 17/01
PM: LK+/PT
OPER: REVISED: 04/17/01

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

CONSTRUCTION SIGN SUMMARY – PHASE IIIA & IIIB				
SIGN NO.	LOCATION	MESSAGE	WITHOUT POST	WITH 2 POSTS
CG20–2–A	Ⓡ STA. 5+25 Ramp A (Rt.)	END ROAD WORK		1
CR3–2–A	Ⓡ STA. 4+20 Farrington Hwy. (Median)	No Left Turn Symbol		1
D–5	Ⓡ STA. 1+00 Ramp C (Rt.)	KAPOLEI		1
CM4–10(R)	Ⓡ STA. 1+00 Ramp C (Rt.)	DETOUR (Right)		1
CR11–2	Ⓡ STA. 2+00 Ramp C (Rt.)	ROAD CLOSED	1*	
CM4–10(R)	Ⓡ STA. 2+00 Ramp C (Rt.)	DETOUR (Right)	1*	
CW20–2(250)–A	Ⓡ STA. 4+50 Ramp C (Rt.)	DETOUR 250 FT		1
R2–1(25)	Ⓡ STA. 4+50 Ramp C (Rt.)	SPEED LIMIT 25		1
CW20–1d–A	Ⓡ STA. 7+00 Ramp C (Rt.)	ROAD WORK AHEAD		1
R2–1(25)	Ⓡ STA. 7+00 Ramp C (Rt.)	SPEED LIMIT 25		1
D–4	Ⓡ STA. 9+32 Farrington Hwy. (Rt.)	CAMPBELL INDUSTRIAL PARK		1
CM4–10(L)	Ⓡ STA. 9+32 Farrington Hwy. (Rt.)	DETOUR (Left)		1
D–4	Ⓡ STA. 14+18 Farrington Hwy. (Rt.)	CAMPBELL INDUSTRIAL PARK		1
CM4–10(L)	Ⓡ STA. 14+18 Farrington Hwy. (Rt.)	DETOUR (Left)		1
CW20–3(500)–A	Ⓡ STA. 5+50 Ramp B (Lt.)	ROAD CLOSED 500 FT		1
R2–1(25)	Ⓡ STA. 5+50 Ramp B (Lt.)	SPEED LIMIT 25		1
CW20–2(250)–A	Ⓡ STA. 7+00 Ramp B (Lt.)	DETOUR 250 FT		1
R2–1(25)	Ⓡ STA. 7+00 Ramp B (Lt.)	SPEED LIMIT 25		1
CR11–2	Ⓡ STA. 9+50 Ramp B (Lt.)	ROAD CLOSED	1*	
CM4–10(R)	Ⓡ STA. 9+50 Ramp B (Lt.)	DETOUR (Right)	1*	
CR11–2	Ⓡ STA. 5+90 Kalaeloa Blvd. (Outbound)	ROAD CLOSED	1*	
CW4–2(L)–A	Ⓡ STA. 9+80 Kalaeloa Blvd. (Outbound, Lt. & Rt.)	Merge Right Symbol		2
R2–1(25)	Ⓡ STA. 9+80 Kalaeloa Blvd. (Outbound, Lt. & Rt.)	SPEED LIMIT 25		2
CW20–5(500)(L)	Ⓡ STA. 12+30 Kalaeloa Blvd. (Outbound, Lt. & Rt.)	LEFT LANE CLOSED 500 FT		2
R2–1(25)	Ⓡ STA. 12+30 Kalaeloa Blvd. (Outbound, Lt. & Rt.)	SPEED LIMIT 25		2
CG20–2–A	Ⓡ STA. 7+80 Kalaeloa Blvd. (Inbound)	END ROAD WORK		1
D–5	Ⓡ STA. 10+00 Kalealoe Blvd. (Inbound, Rt.)	KAPOLEI		1
CM4–10(L)	Ⓡ STA. 10+00 Kalaeloa Blvd. (Inbound, Rt.)	DETOUR (Left)		1
D–5	Ⓡ STA. 12+50 Kalaeloa Blvd. (Inbound, Rt.)	KAPOLEI		1
CM4–10(L)	Ⓡ STA. 12+50 Kalaeloa Blvd. (Inbound, Rt.)	DETOUR (Left)		1
CW20–5(750)(L)	Ⓡ STA. 15+00 Kalaeloa Blvd. (Outbound, Lt. & Rt.)	LEFT LANE CLOSED 750 FT		2
R2–1(25)	Ⓡ STA. 15+00 Kalaeloa Blvd. (Outbound, Lt. & Rt.)	SPEED LIMIT 25		2
CW20–2(250)–A	Ⓡ STA. 17+50 Kalaeloa Blvd. (Outbound)	DETOUR 250 FT		1
R2–1(25)	Ⓡ STA. 17+50 Kalaeloa Blvd. (Outbound)	SPEED LIMIT 25		1
CW20–1d–A	Ⓡ STA. 20+00 Kalaeloa Blvd. (Outbound)	ROAD WORK AHEAD		1
R2–1(25)	Ⓡ STA. 20+00 Kalaeloa Blvd. (Outbound)	SPEED LIMIT 25		1
D–4	Kamokila Blvd., at Kapolei Parkway Intersection	CAMPBELL INDUSTRIAL PARK		1
CM4–10(R)	Kamokila Blvd., at Kapolei Parkway Intersection	DETOUR (Right)		1

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM–NH–H1–1(239)	2001	95	103

CONSTRUCTION SIGN SUMMARY – PHASE IIIA & IIIB (Cont.)				
SIGN NO.	LOCATION	MESSAGE	WITHOUT POST	WITH 2 POSTS
D–4	Farrington Hwy., at Kamokila Blvd. Intersection	CAMPBELL INDUSTRIAL PARK		1
CM4–10(R)	Farrington Hwy., at Kamokila Blvd. Intersection	DETOUR (Right)		1
CW1–4(R)–A	Ⓡ STA. 4+50 Farrington Hwy (Median & Rt.)	Reverse Right Turn Symbol		2
R2–1(25)	Ⓡ STA. 4+50 Farrington Hwy (Median & Rt.)	SPEED LIMIT 25		2
CM1–4(L)–A	Ⓡ STA. 10+15 Farrington Hwy (Median & Lt.)	Reverse Left Turn Symbol		2
R2–1(25)	Ⓡ STA. 10+15 Farrington Hwy (Median & Lt.)	SPEED LIMIT 25		2
CW20–1d–A	Ⓡ STA. 12+65 Farrington Hwy (Lt.)	ROAD WORK AHEAD		1
R2–1(25)	Ⓡ STA. 12+65 Farrington Hwy (Lt.)	SPEED LIMIT 25		1
		TOTAL	5	51

* SIGN MOUNTED TO BARRICADE

ROUTE MARKER ASSEMBLY – PHASE IIIA & IIIB			
TYPE	LOCATION	MESSAGES	WITH POST
A	Ⓡ STA. 15+00 Kalaeloa Blvd. (Outbound)	Detour, West, Route 93 Marker	1
		Right Arrow Symbol	
A	Kapolei Parkway,	Detour, West, Route 93 Marker	1
	250' From Kamokila Blvd	Left Turn Arrow Symbol	
A	Kapolei Parkway & Kamokila Blvd. Intersection	Detour, West, Route 93 Marker	1
		Left Arrow Symbol	
A	Kamokila Blvd. At Farrington Hwy Intersection	Detour, West, Route 93 Marker	1
		Left Arrow Symbol	
		TOTAL	4

LESTER H. FUKUDA LICENSED PROFESSIONAL ENGINEER No. 4908–C HAWAII, U.S.A. THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION BY: <i>[Signature]</i> DATE: 4/01/01	STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION MISCELLANEOUS TRAFFIC SUMMARY INTERSTATE ROUTE H–1 Palailai Interchange Reconstruction F.A.I. Project No. IM–NH–H1–1(239) Scale: As Shown Date: 4/01/01 SHEET NO. TC19 OF 20 SHEETS
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SIGN NO.	LOCATION	MESSAGE	WITHOUT POST	WITH 1 POST	WITH 2 POSTS
CW20-1Ad	ℙ STA. 151+30 H-1 (Inbound, Rt.)	ROAD WORK AHEAD			1
R2-1(45)	ℙ STA. 151+30 H-1 (Inbound, Rt.)	SPEED LIMIT 45			1
CW21-5(2000)-A	ℙ STA. 161+30 H-1 (Inbound, Rt.)	SHOULDER WORK 2000 FT			1
R2-1(45)	ℙ STA. 161+30 H-1 (Inbound, Rt.)	SPEED LIMIT 45			1
CW21-5(1000)-A	ℙ STA. 171+30 H-1 (Inbound, Rt.)	SHOULDER WORK 1000 FT			1
R2-1(45)	ℙ STA. 171+30 H-1 (Inbound, Rt.)	SPEED LIMIT 45			1
CG20-2-A	ℙ STA. 42+00 H-1 (Inbound, Rt.)	END ROAD WORK			1
CG20-2-A	ℙ STA. 7+00 Ramp B (Rt.)	END ROAD WORK			1
CG20-2-A	ℙ STA. 192+10 H-1 (Outbound, Rt.)	END ROAD WORK			1
CW5-1(mod)	ℙ STA. 7+70 Farrington Highway (Lt.)	RAMP NARROWS			1
R2-1(25)	ℙ STA. 7+70 Farrington Highway (Lt.)	SPEED LIMIT 25			1
CW21-5(500)-A	ℙ STA. 10+20 Farrington Highway (Lt.)	SHOULDER WORK 500 FT			1
R2-1(25)	ℙ STA. 10+20 Farrington Highway (Lt.)	SPEED LIMIT 25			1
CW21-5(750)-A	ℙ STA. 12+70 Farrington Highway (Lt.)	SHOULDER WORK 750 FT			1
R2-1(25)	ℙ STA. 12+70 Farrington Highway (Lt.)	SPEED LIMIT 25			1
		TOTAL	0	0	15

	STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION <u>MISCELLANEOUS TRAFFIC</u> <u>SUMMARY</u> INTERSTATE ROUTE H-1 Palailai Interchange Reconstruction F.A.I. Project No. IM-NH-H1-1(239) Scale: As Shown Date: 4/01/01
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION BY: <i>Lester H. Fukuda</i> DATE: <u>4/6/01</u>	SHEET NO. TC20 OF 20 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY _____ DATE _____
NOTEBOOK	DRAWN BY _____ *
	TRACED BY _____ *
	DESIGNED BY _____ *
	QUANTITIES BY _____ *
No. _____	CHECKED BY _____ *