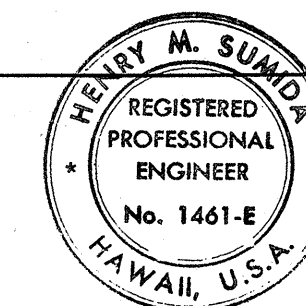
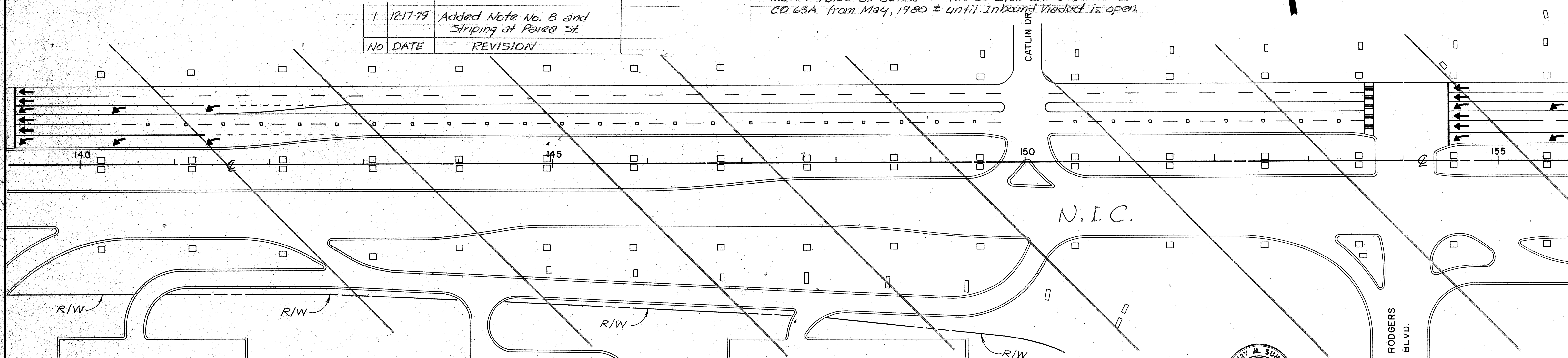


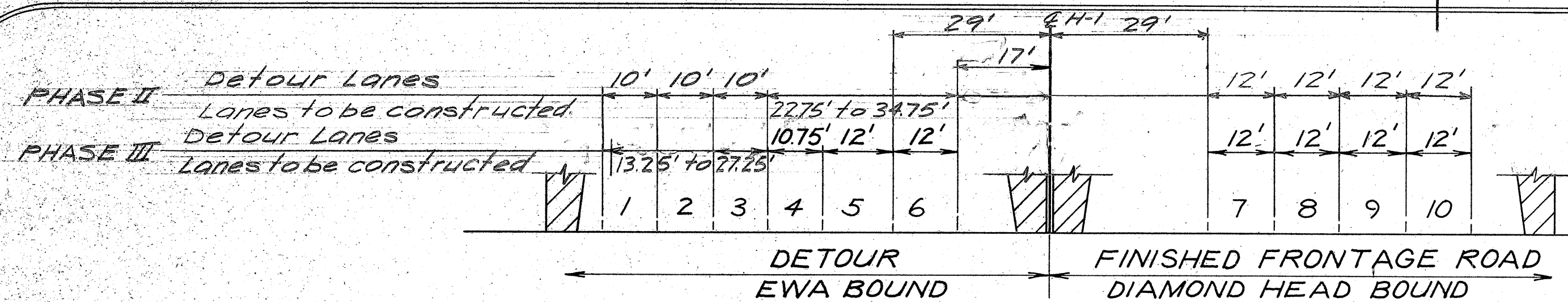
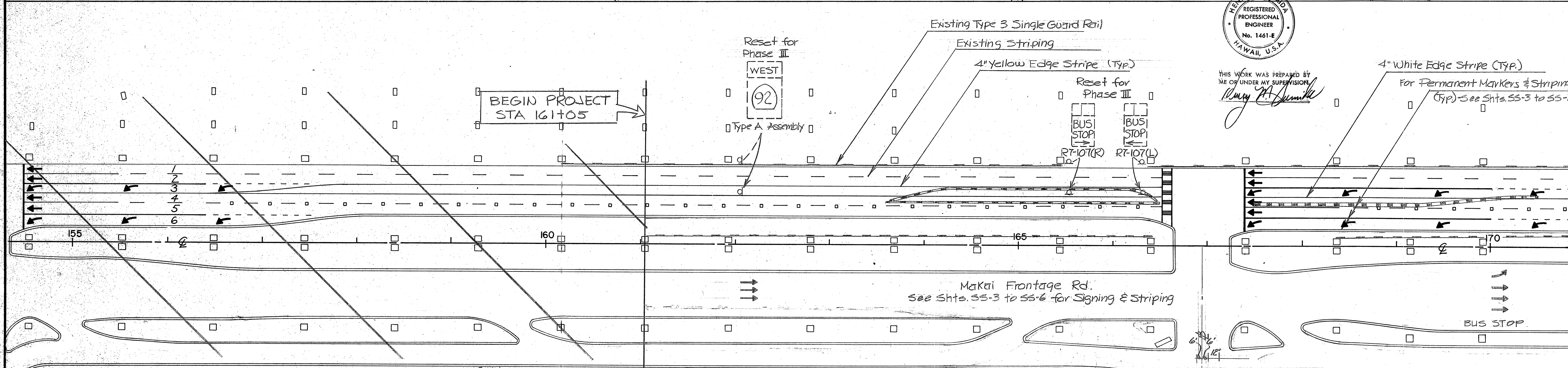
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(84)16	1978	63	466

8. Upon completion of Project I-HI-1(123)16, the Honolulu International Airport. Honolulu-bound traffic will exit the airport on two lanes on Paiea St. until the Inbound viaduct is open to traffic. Striping on Project I-HI-1(84)16 will match Paiea St. detour traffic as show on Sheet CD 63A from May, 1980 ± until Inbound Viaduct is open.

No.	DATE	REVISION
1	12-17-79	Added Note No. 8 and Striping at Paiea St.



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Henry M. Sumida



NOTES:

1. Signing & Striping for Makai Frontage Rd. will be the Permanent installation as shown on Sheets No. SS-3 thru SS-6.
2. Remove, Store or Reset Signs from Phase I Detour System as directed by the Engineer.
3. Remove and Store Type 3 Single Guard Rail along Mauka Columns at end of Phase II as directed by Engineer.
4. Tubular Traffic cones will be State furnished.
5. Removing & Storing Signs & Guard Rail (Type 3 or Portable Concrete) & Installing or Resetting Tubular Cones shall be incidental to other Roadway items.
6. Remove and Store Type 3 Guardrails along Median Viaduct Piers after Phase II is in operation.
7. Remove and Store Exist. Conc. Guardrails between Sta. 163+60± and 191+00± along Mauka Roadway before Phase III.
8. - See Above

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION DETOUR
PHASE II & III

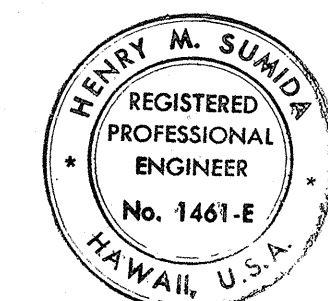
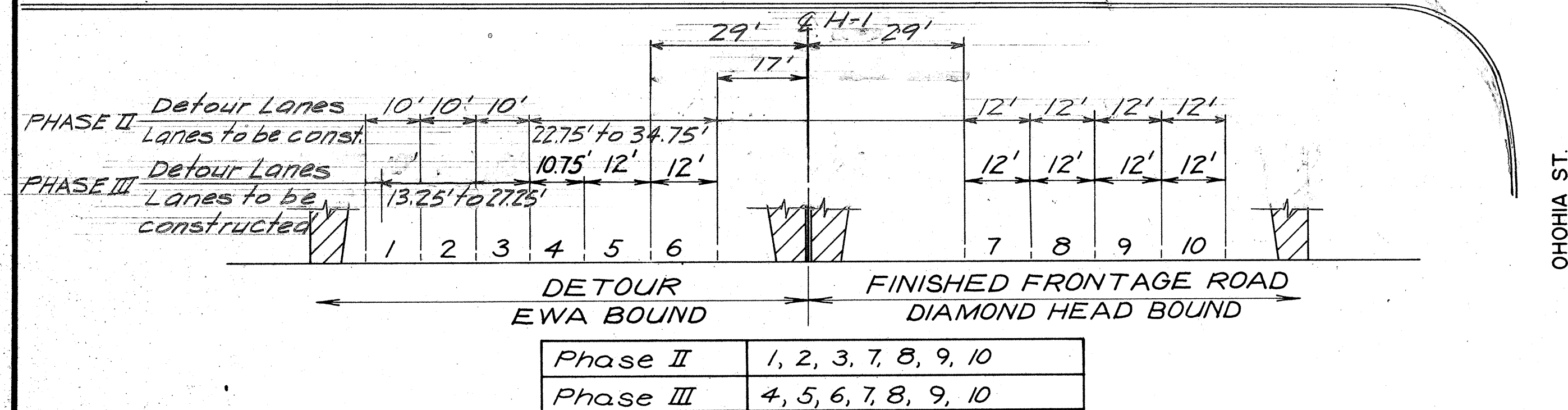
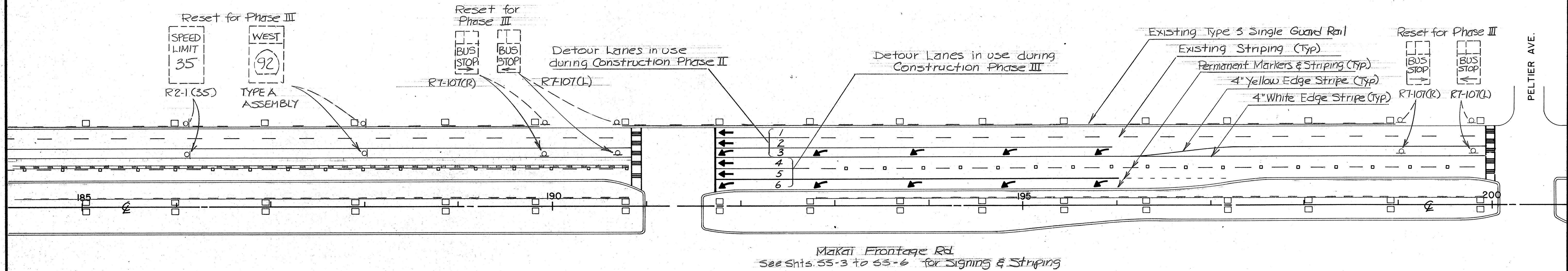
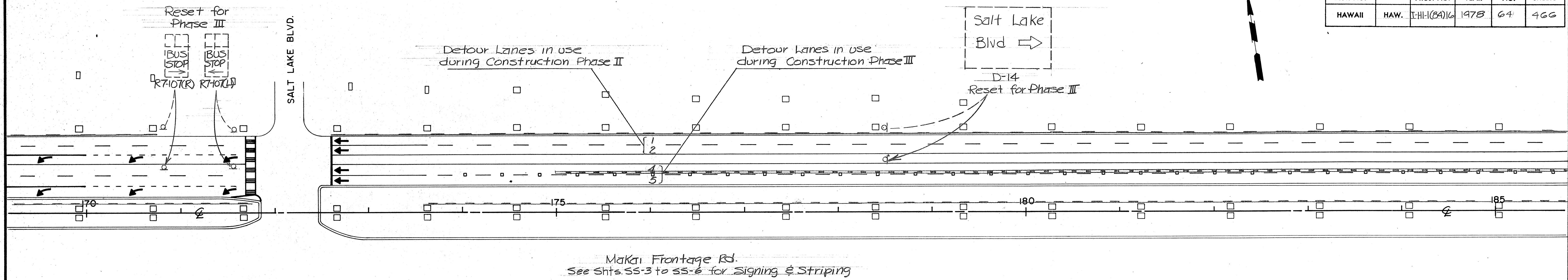
AIRPORT INTERCHANGE
F.A.I. PROJ. NO. I-HI-1(84)16
SCALE: 1" = 50' DATE: SEPT. 30, 1977

SHEET No. 1 OF 7 SHEETS

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
NO.	

C063

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HI-1(84)16	1978	64	466



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ME OR UNDER MY SUPERVISION
Henry M. Sumida

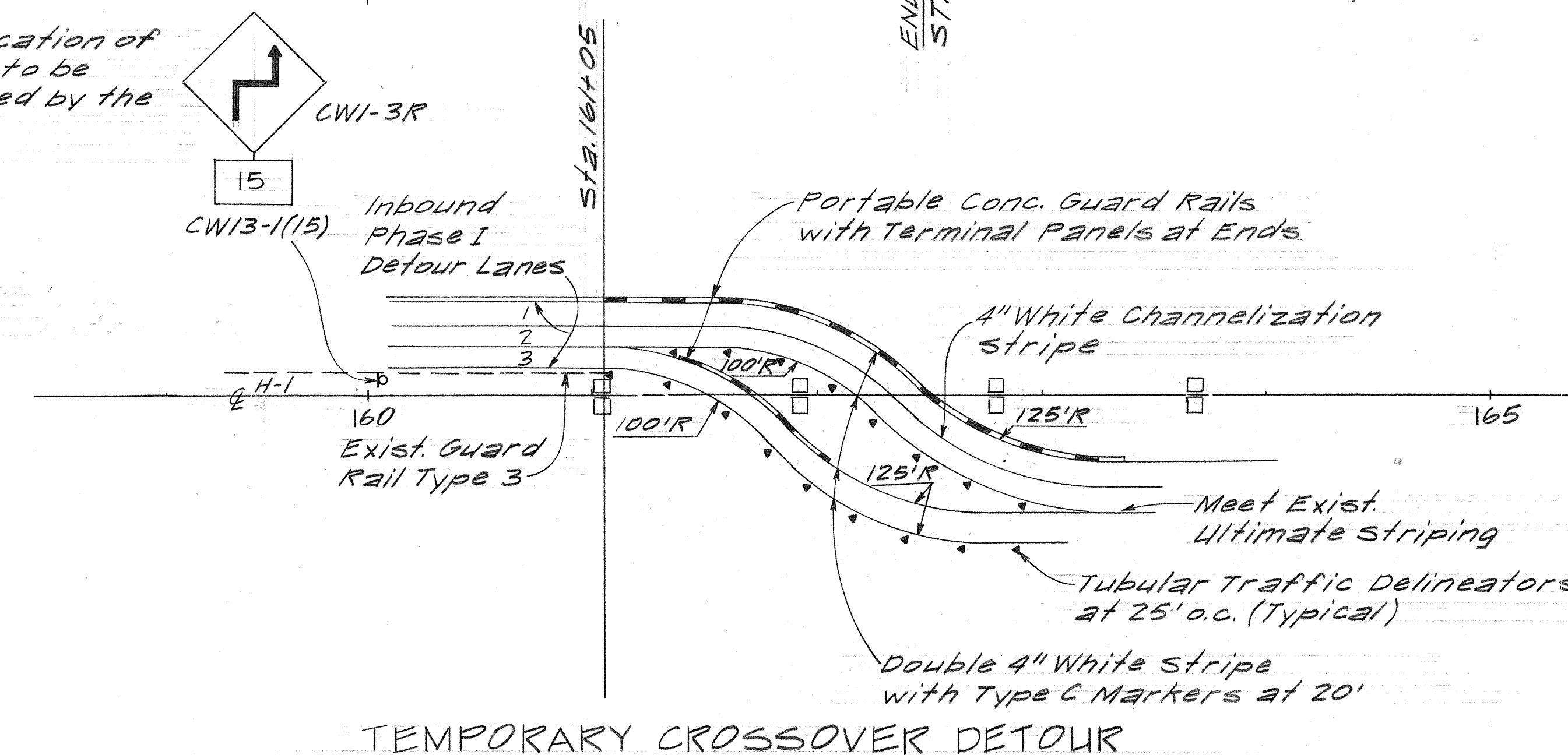
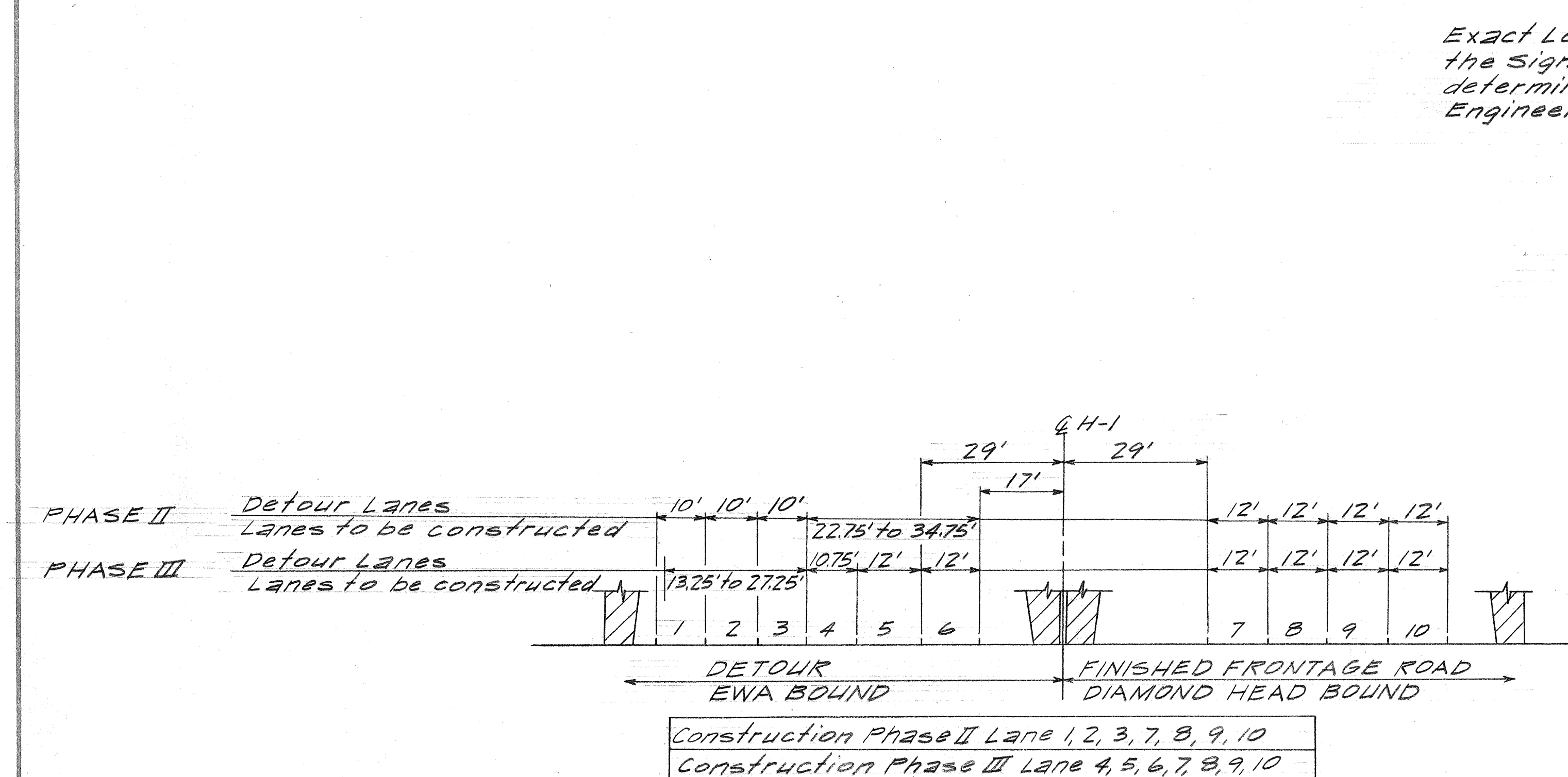
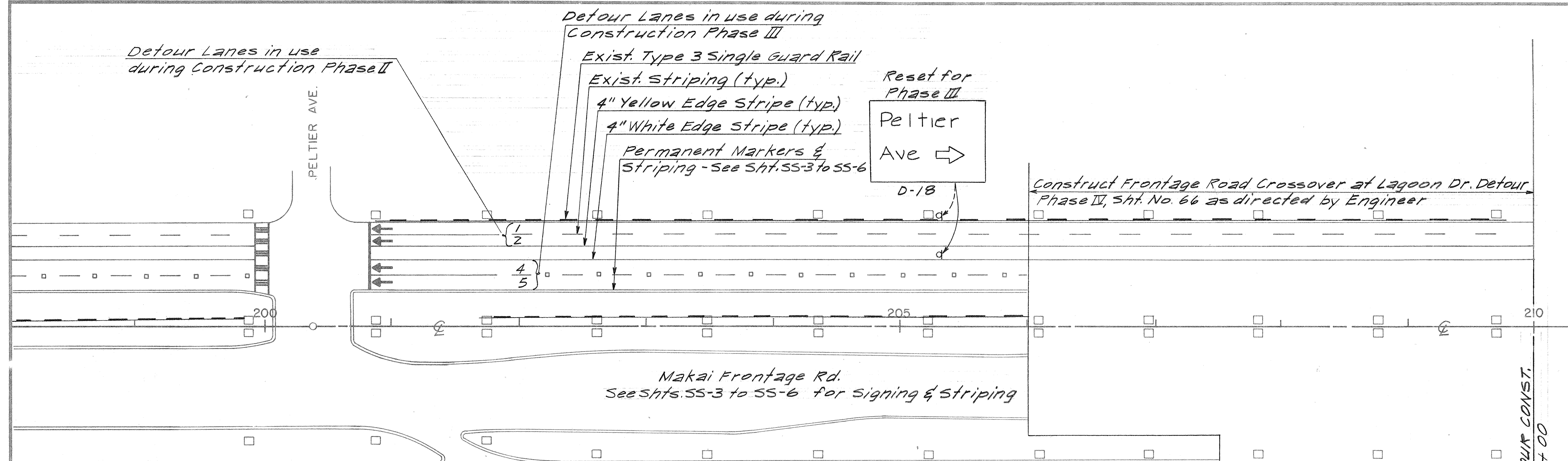
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION DETOUR
PHASE II & III

AIRPORT INTERCHANGE
F.A.I. PROJ. NO. I-HI-1(84)16
SCALE: 1" = 50' DATE: SEPT. 30, 1977

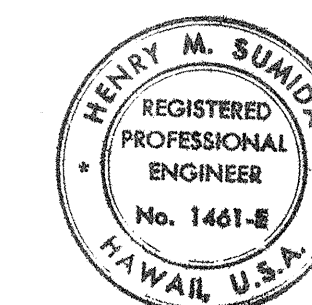
SHEET No. 2 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(84):16	1978	65	466



NOTES:

1. This Detour shall be used at the end of Phase I when Inbound Traffic is shifted to the ultimate Makai Frontage Road of this contract and prior to the completion of the Makai Frontage Road in adjoining Contract No. FAIP No. I-HI-1(124):16 and as directed by the Engineer.
2. Permanent improvements along the median where the Detour crosses over shall be delayed until the inbound traffic is on that portion of the Makai Frontage Road of Contract FAIP No. I-HI-1(124):16 connecting to the Makai Frontage Road of this contract or as directed by the Engineer.



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Henry M. Sumida

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

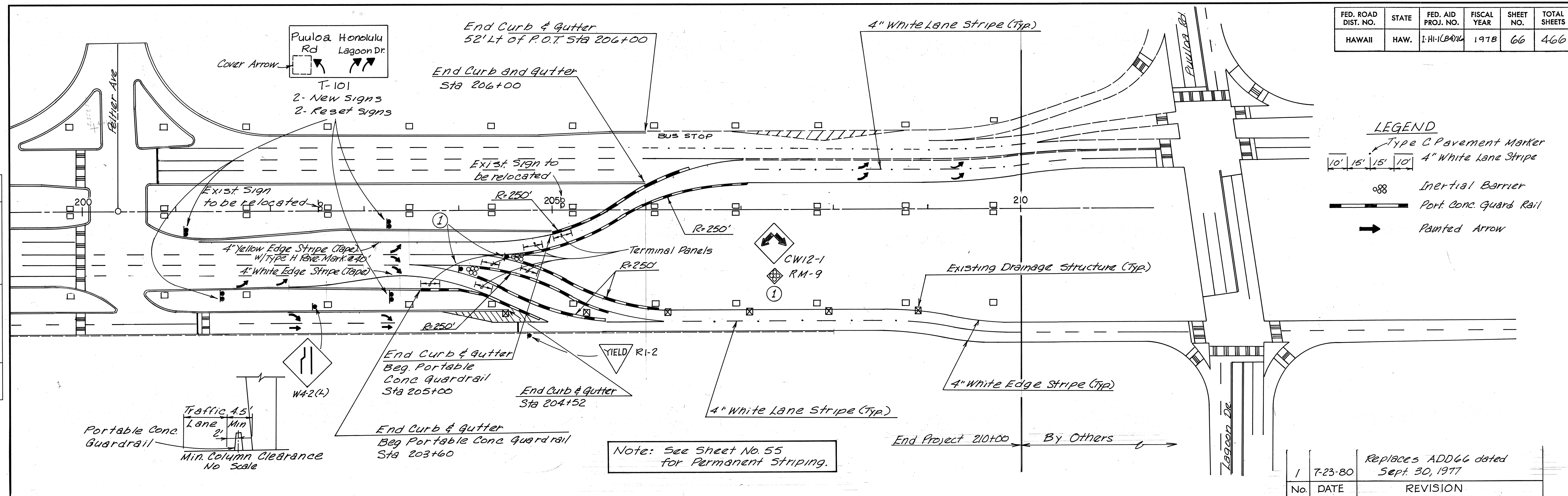
CONSTRUCTION DETOUR PHASE II & III

AIRPORT INTERCHANGE
F.A.I. PROJ. NO. I-HI-1(84):16
SCALE: 1" = 50' DATE: SEPT. 30, 1977

SHEET No. 3 OF 7 SHEETS

PLAN	DATE	BY
DESIGNED		
PLANNED		
NOTED		
NO.		

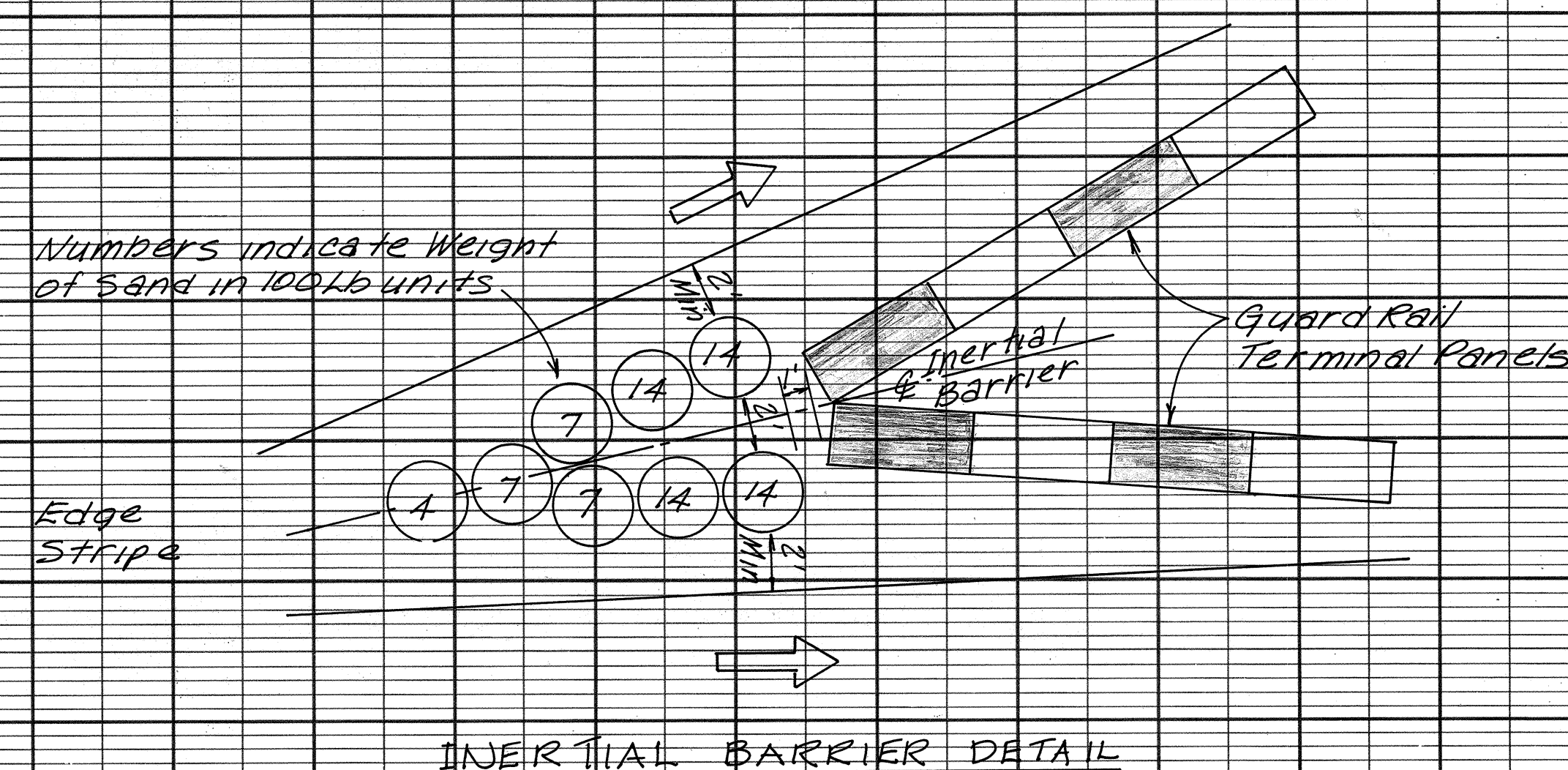
PROFILE	DATE	BY
DESIGNED		
PLANNED		
NOTED		
NO.		



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(84)16	1978	66	466

LEGEND	
	Type C Pavement Marker
	4\"/>
	Inertial Barrier
	Port Conc. Guard Rail
	Painted Arrow

No.	DATE	REVISION
1	7-23-80	Replaces ADD66 dated Sept. 30, 1977



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**FRONTAGE RD CROSSOVER
AT LAGOON DRIVE
DETOUR PHASE IV**

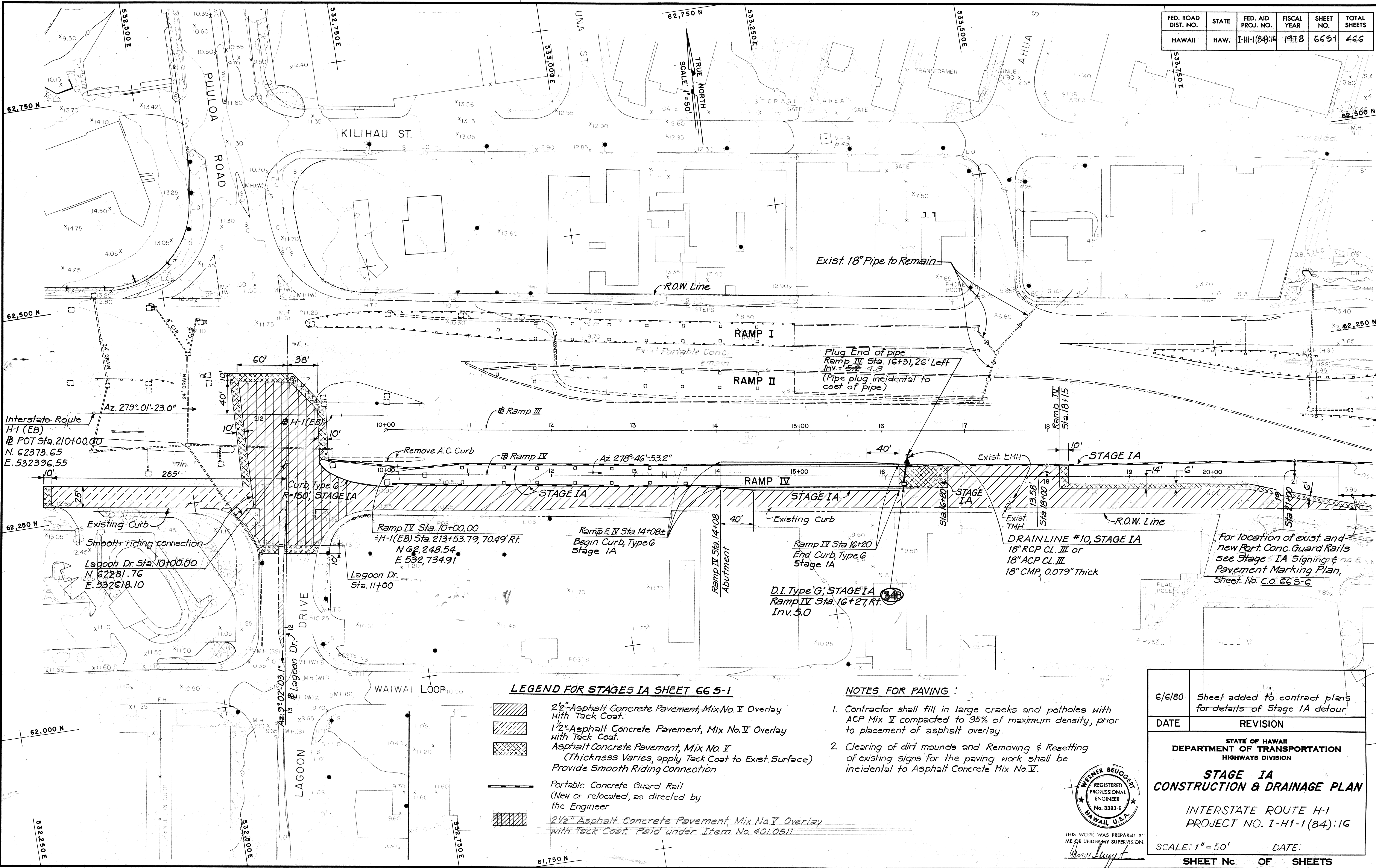
AIRPORT INTERCHANGE
F.A.I. PROJ. NO. I-HI-1(84)16

SCALE: 1" = 50' DATE: JULY 23, 1980

SHEET No. 66 OF 12 SHEETS

COADD66

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H1-1(84):16	1978	6651	466



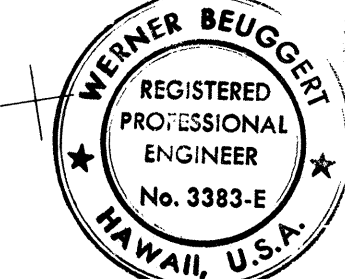
DATE	6/6/80
SURVEY PLOTTED BY	W. BEUGERT
DRAWN BY	W. BEUGERT
DESIGNED BY	W. BEUGERT
CHECKED BY	W. BEUGERT
ORIGINAL PLAN	
NOTE BOOK	
NO.	

LEGEND FOR STAGES IA SHEET 66 5-1

- 2 1/2" Asphalt Concrete Pavement, Mix No. I Overlay with Tack Coat.
- 1 1/2" Asphalt Concrete Pavement, Mix No. I Overlay with Tack Coat.
- Asphalt Concrete Pavement, Mix No. I (Thickness Varies, apply Tack Coat to Exist. Surface) Provide Smooth Riding Connection
- Portable Concrete Guard Rail (New or relocated, as directed by the Engineer)
- 2 1/2" Asphalt Concrete Pavement, Mix No. I Overlay with Tack Coat. Paid under Item No. 401.0511

NOTES FOR PAVING :

- Contractor shall fill in large cracks and potholes with ACP Mix I compacted to 95% of maximum density, prior to placement of asphalt overlay.
- Clearing of dirt mounds and Removing & Resetting of existing signs for the paving work shall be incidental to Asphalt Concrete Mix No. I.

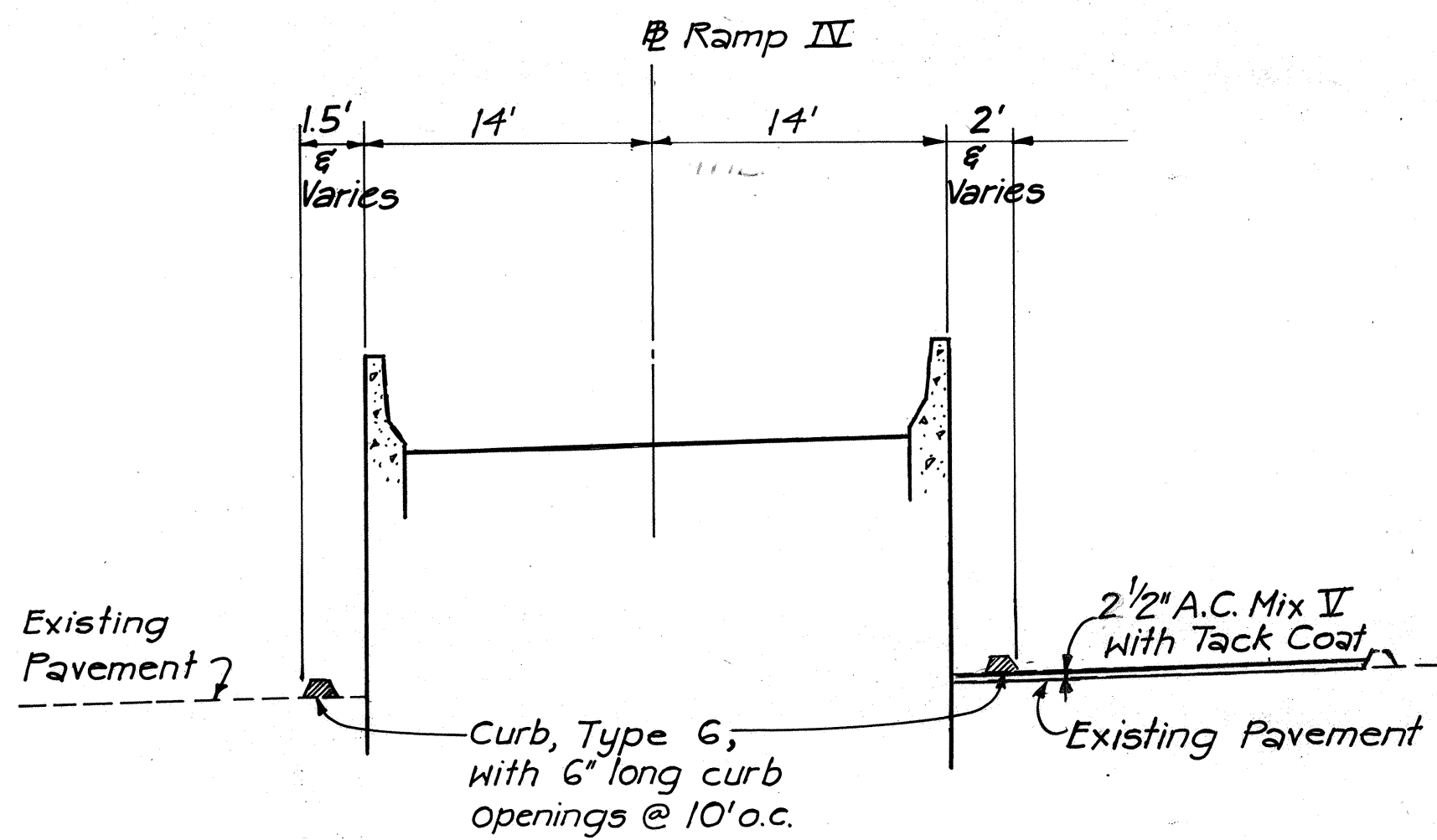


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6/6/80	Sheet added to contract plans for details of Stage IA detour
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION STAGE IA CONSTRUCTION & DRAINAGE PLAN INTERSTATE ROUTE H-1 PROJECT NO. I-H1-1(84):16 SCALE: 1" = 50' DATE:	
SHEET No.	OF SHEETS

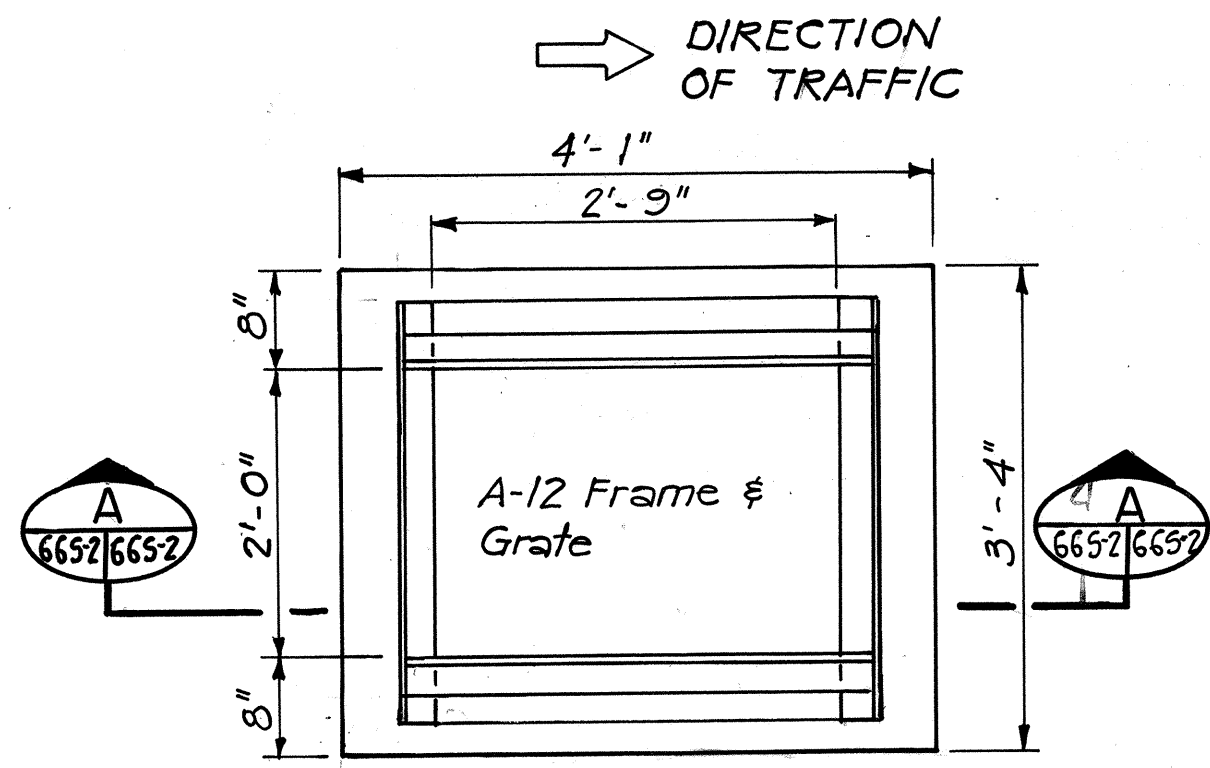
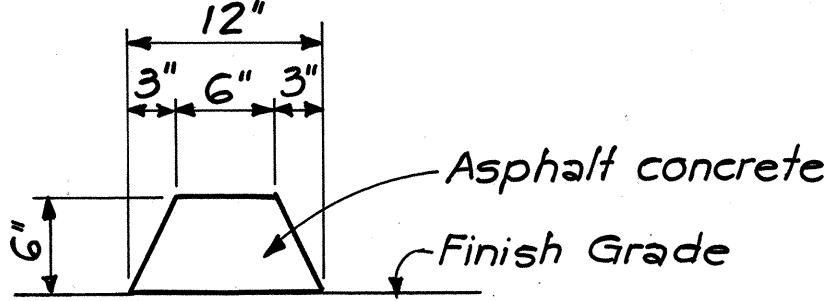
C.O. 66S-1

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-HI-1(84)16	1978	665-2	466



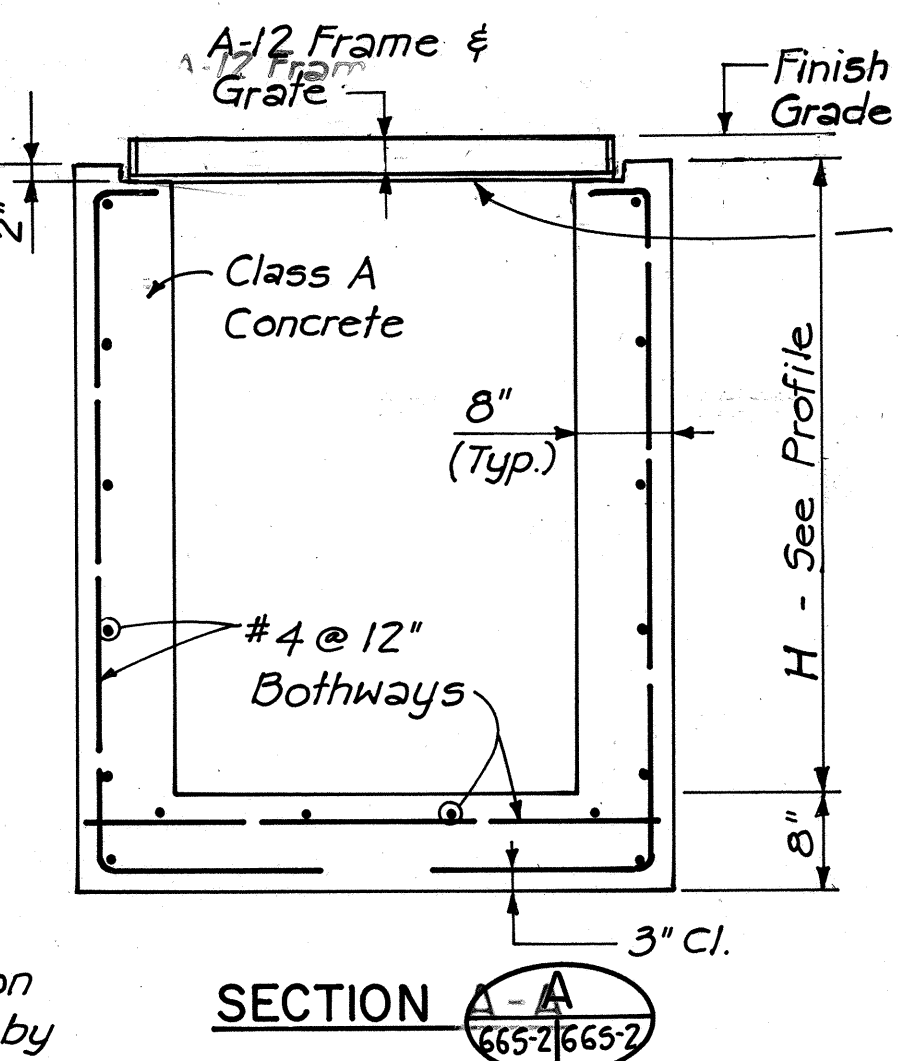
CURB, TYPE 6 FOR RAMP IV
Not to Scale
(Looking East)

**CURB, TYPE 6
BITUMINOUS CURB**
Scale: 1 1/2" = 1'-0"



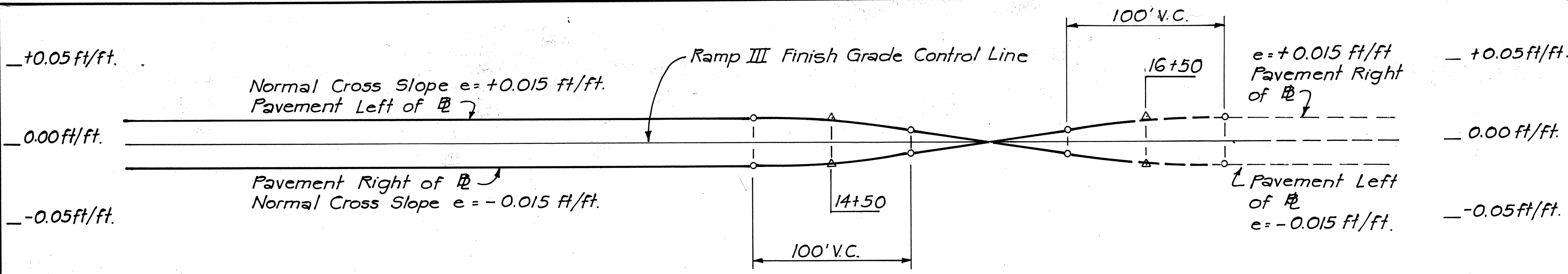
PLAN

- NOTES:**
1. Culvert shall leave Drop Intake from any position & any direction indicated by plans or ordered by the Engineer. Culvert may leave Drop Intake so that Drop Intake will act as Manhole.
 2. Manhole Rungs (12" o.c.) are required when "H" is greater than 4 feet 6 inches. Only one rung (16 inches from the bottom) is required if "H" is 4 feet 6 inches or less. Manhole Rungs may be placed at any location as ordered by the Engineer.

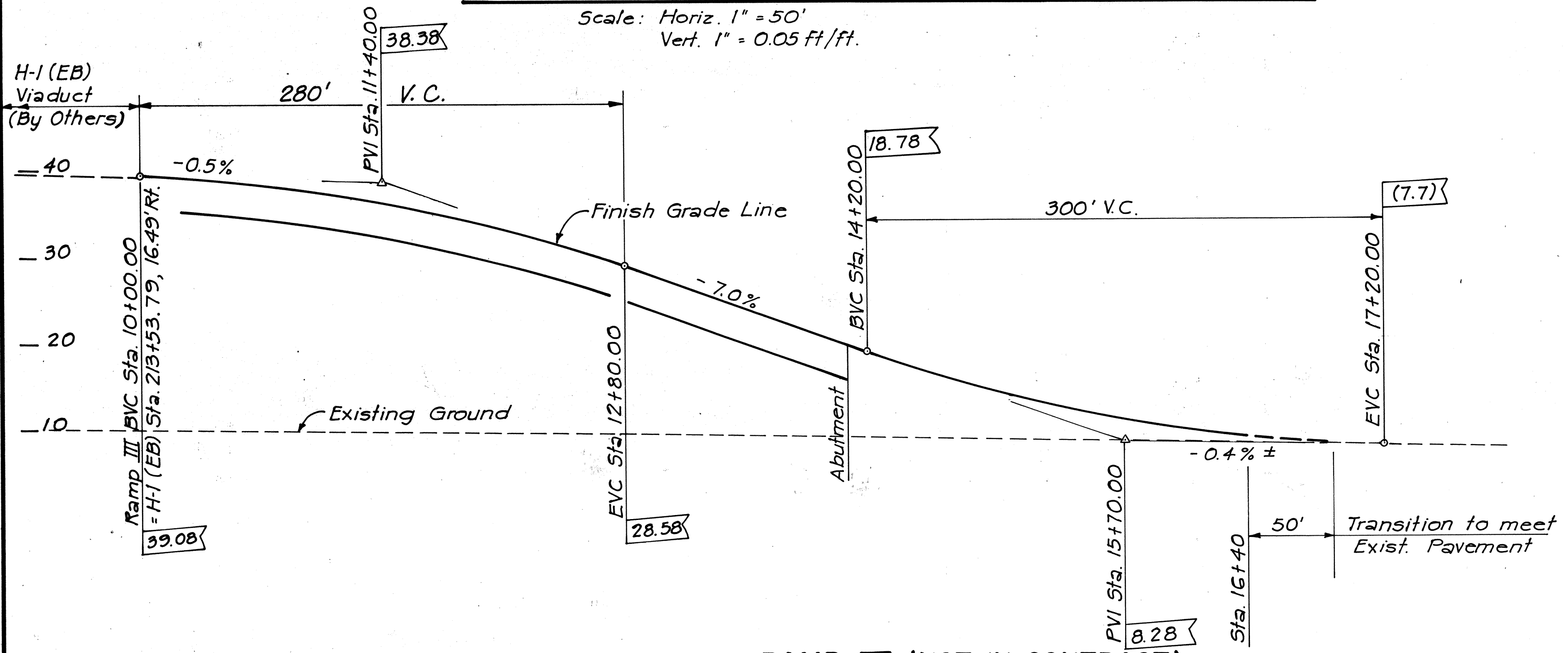


SECTION

1/2" x 35" x 3'-3"
(A36 Steel)
Steel Plate shall be incidental to
Concrete in Drainage System

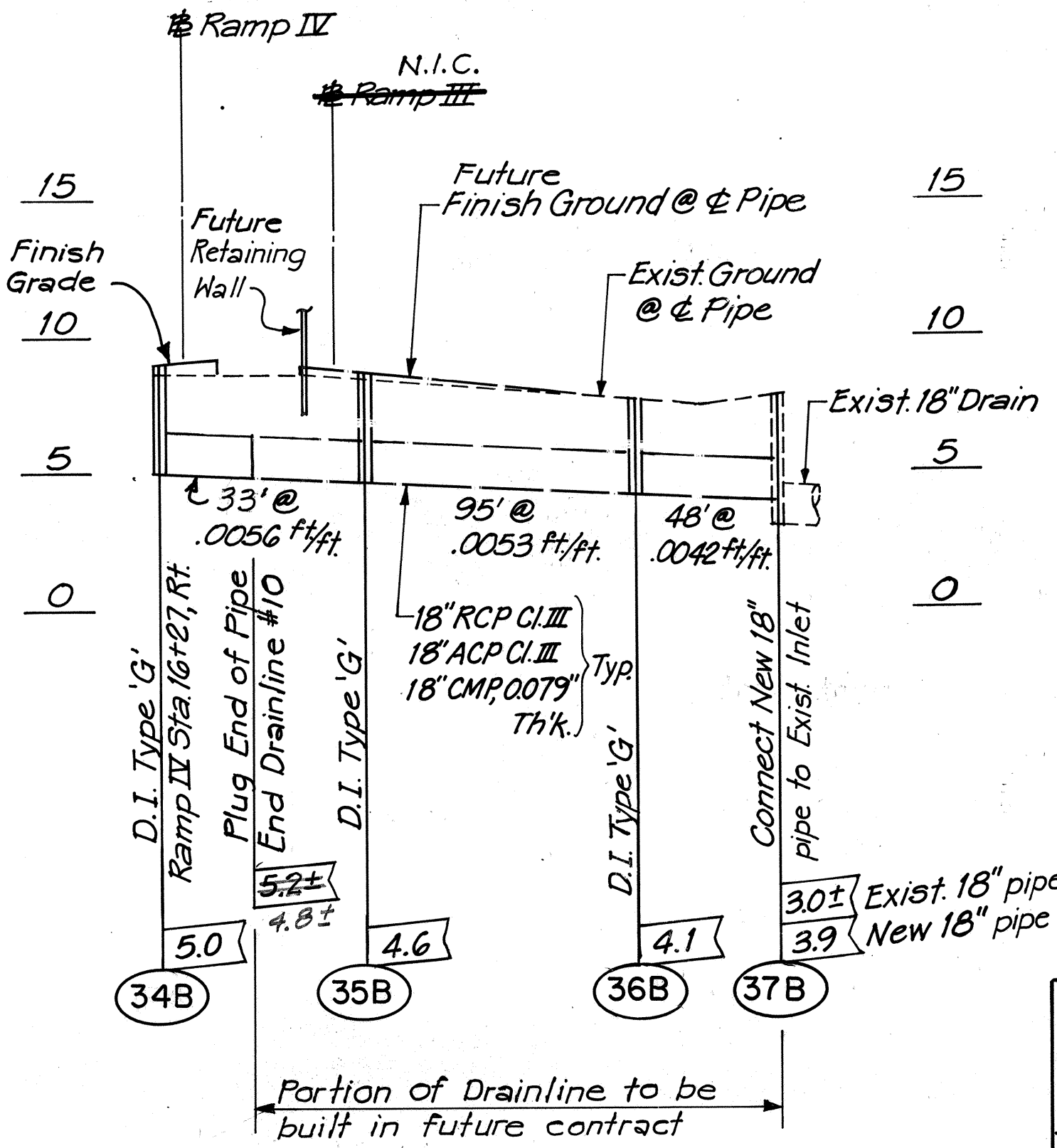


SUPERELEVATION - DIAGRAM RAMP III (NOT IN CONTRACT)
Scale: Horiz. 1" = 50'
Vert. 1" = 0.05 ft/ft.



PROFILE - RAMP III (NOT IN CONTRACT)
Scale: Horiz. 1" = 50'
Vert. 1" = 10'

DROP INTAKE TYPE 'G'
Scale: 3/4" = 1'-0"



PROFILE - DRAINLINE #10
Scale: Horiz. 1" = 50'
Vert. 1" = 5'

DATE	REVISION
G/G/80	Sheet added to contract plans for details of Stage 1A detour.
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
STAGE 1A DETAILS	
INTERSTATE ROUTE H-1 PROJECT NO. 1-HI-1(84)16	
SCALE: AS SHOWN	DATE:
SHEET NO	OF SHEETS



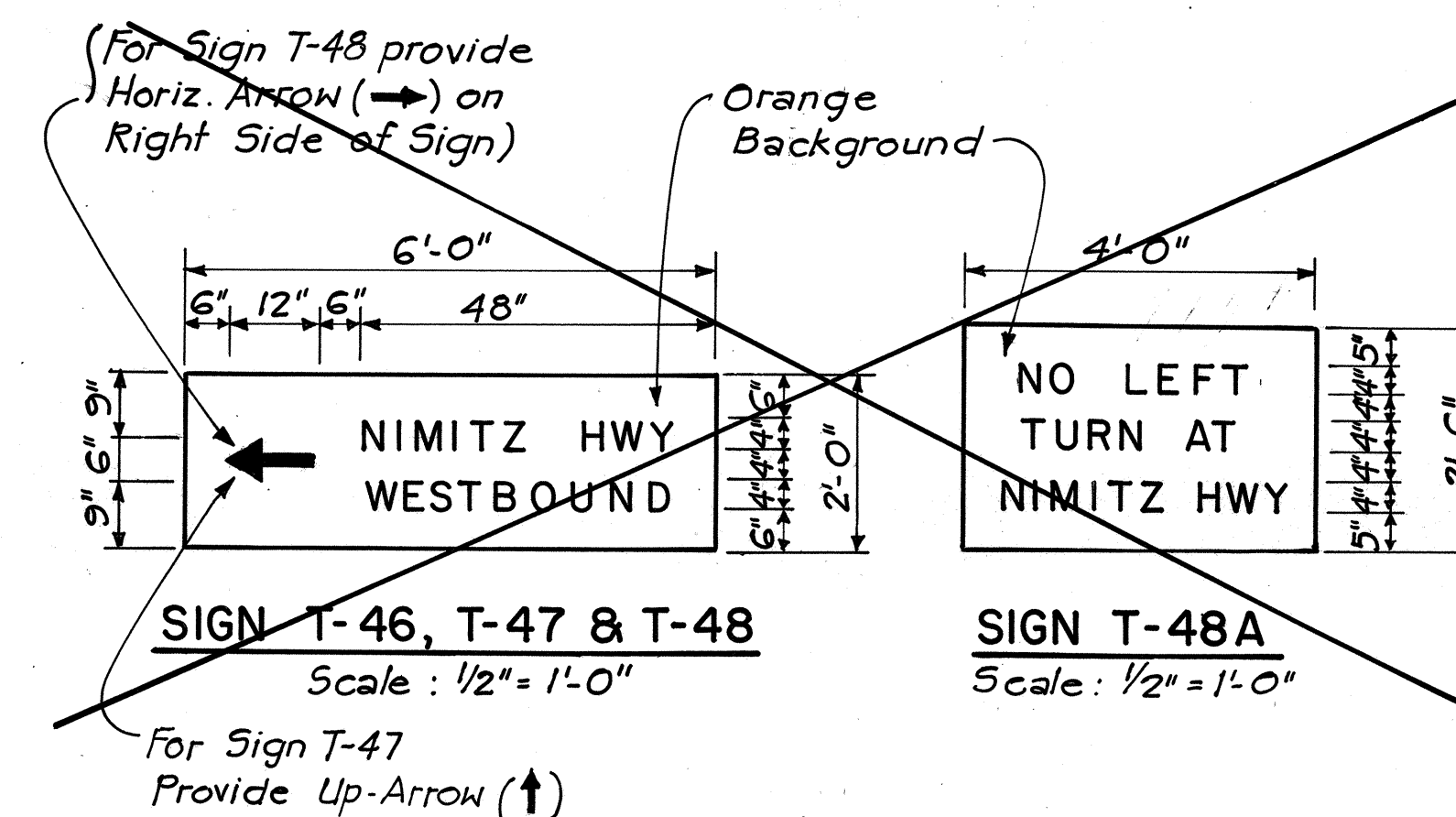
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(84):16	1978	66 S-3	466

NOTES FOR TEMPORARY DESTINATION SIGNS (T DESIGNATION)

1. Type of Sign Mounting will be at the Contractors Option, Subject to Approval by the Engineer.
2. Mounting to be incidental to "Sign Panel".
3. Material used for Sign Panels, shall be 3/4" thick, waterproof, Fir Plywood. Contractor may submit alternative, subject to approval by the Engineer.
4. Alphabetical Characters, Arrows & Borders shall be of White Reflective Sheeting. Background shall be of Green Reflective Sheeting. Shields shall be of Reflective Sheeting.
5. Alphabetical Characters shall be Uppercase or Lowercase as shown, and shall have Series E dimensions and spacing in accordance with the FHWA publication "Standard Alphabets for Highway Signs" (Bureau of Public Roads, 1966).
6. Borders and Separation lines shall have a width of 2 inches and a corner radius of 3 inches, unless shown otherwise. Sign corners shall be left square.

SIGNING & PAVEMENT MARKING LEGEND FOR STAGE IA

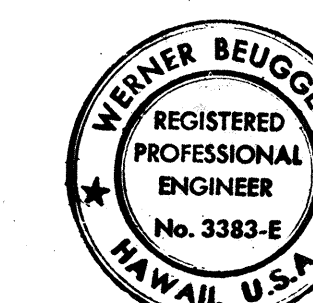
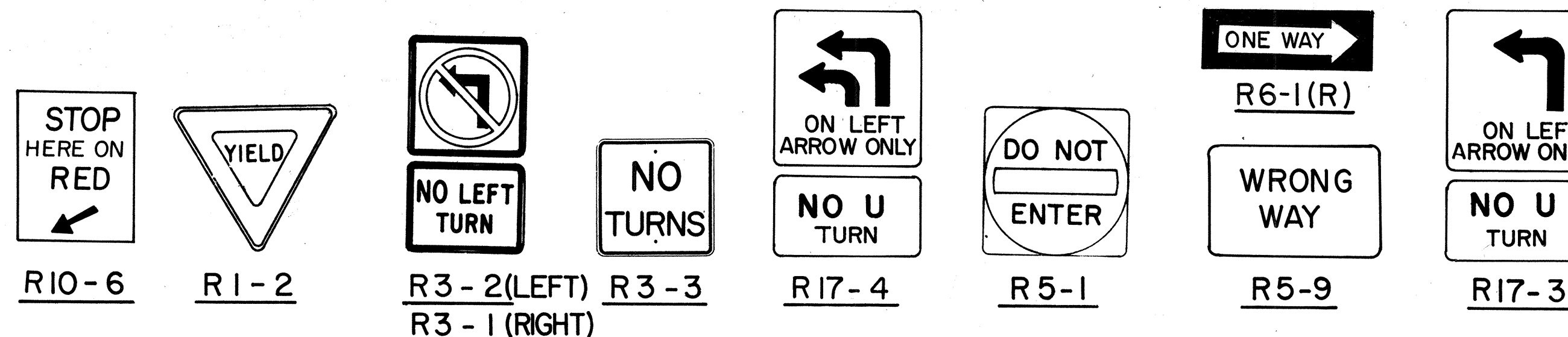
- Type III Barricade
- Traffic Delineator (Tube)
- Portable Concrete Guard Rail
- Existing Sign
- New or Relocated Sign
- Direction of Traffic
- 4" Broken White Lane Line, 10' long w/30' Gap
- 4" Broken White Lane Line, 10' long w/30' Gap & w/Type 'C' Markers @ 40'o.c.
- 8" Solid White Lane Line w/Type 'C' Markers @ 20'o.c.
- 4" Double Solid Yellow Center Line
- 4" Guide Line
- Standard Pavement Arrows
- Crosswalk & Stop Line
- Existing Portable Concrete Guard Rail



STAGE IA SIGNING AND PAVEMENT MARKING

Scale: 1" = 50'

- NOTES: 1. All Stripes shown on this sheet shall be of adhesive tapes
2. Sign Posts on the median island at Puuloa Road & Lagoon Dr. Intersection shall be provided with Reflector Marker Type RM-3, unless otherwise noted.



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION
Werner Beugert

6/6/80	Sheet added to contract plans for details of Stage IA detour
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
STAGE IA SIGNING & PAVEMENT MARKING PLAN	
INTERSTATE ROUTE H-1 PROJECT NO. I-HI-1(84):16	
SCALE: 1" = 50'	DATE:
SHEET NO.	OF SHEETS

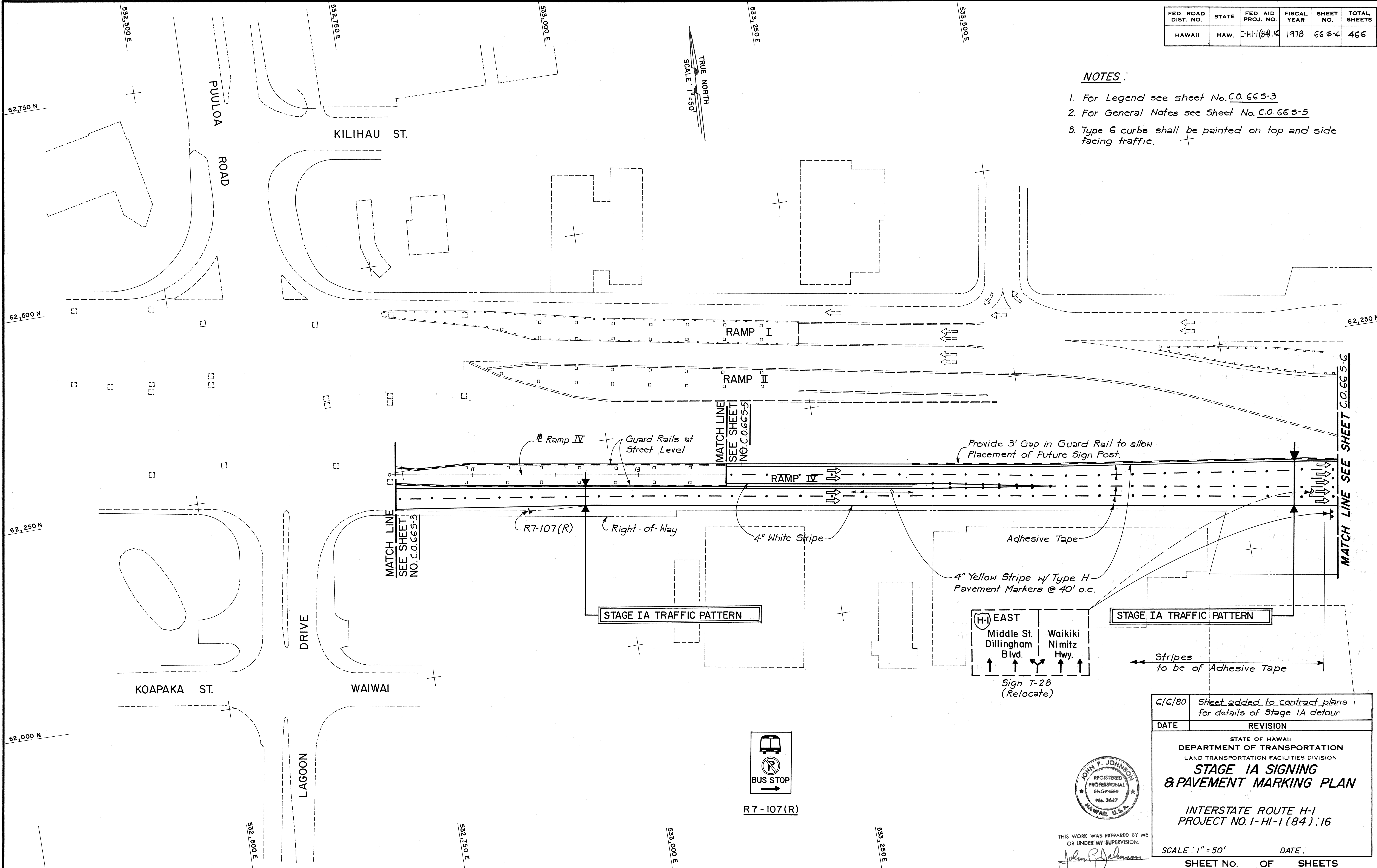
C.O.66S-3

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(84):16	1978	66 S-4	466

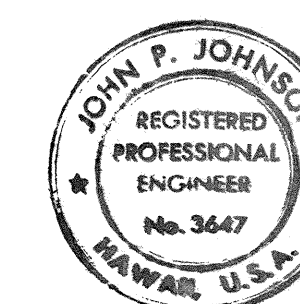
NOTES:

1. For Legend see sheet No. C.O. 66 S-3
2. For General Notes see Sheet No. C.O. 66 S-5
3. Type 6 curbs shall be painted on top and side facing traffic.

TRUE NORTH
SCALE: 1" = 50'



SURVEY PLOTTED BY:	DATE:
DESIGNED BY:	DATE:
QUANTITIES BY:	DATE:
CHECKED BY:	DATE:



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OR UNDER MY SUPERVISION.

John P. Johnson

6/6/80	Sheet added to contract plans for details of Stage IA detour
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

STAGE IA SIGNING & PAVEMENT MARKING PLAN

INTERSTATE ROUTE H-1
PROJECT NO. I-HI-1(84):16

SCALE: 1" = 50'

DATE:

SHEET No. OF SHEETS

C.O. 66 S-4

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(84):16	1978	665-5	466

NOTES:

- For Legend see sheet No. C.O.665-3
- For General Notes see sheet No. C.O.665-5

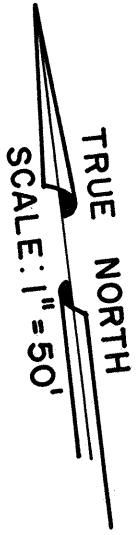
GENERAL SIGNING NOTES:

- For Notes for Temporary Destination Signs (T-Designation) See Sheet C.O.665-3
- Signs, Traffic Delineators, and Barricade Warning Lights shall conform to FHWA publication, "Manual on Uniform Traffic Control Devices", 1978 and "Standard Highway Signs", 1972 and as amended.
- Unless noted otherwise, exact locations of Signs, Barricades, and Delineators will be determined by the Engineer.
- Contractor may substitute portable or temporary mountings for post mountings for construction signs with the approval of the Engineer.
- All existing and reusable Signs, Signs from storage, Barricades and Traffic Delineators, as directed by the Engineer, shall be reset at locations shown on the Plans. All additional materials required shall be furnished by Contractor. Payment for resetting of Barricades and Traffic Delineators shall be considered incidental to various contract items.
- Contractor is responsible for Maintaining all new and existing Signs, Barricades and Delineators in good condition during Life of Project.
- All superfluous signs, barricades and delineators shall be removed & stored on site upon completion of construction work, as directed by the Engineer. Payment shall be considered incidental to various Contract Items.
- All proposed Signs not compatible with the existing traffic pattern shall be covered with an overlay panel until the Detours are operational. Payment shall be incidental to Signs.
- Necessary traffic control devices required for the temporary closure of lanes, temporary detours during working hours & other work that may temporarily obstruct any portion of the roadway shall be considered incidental to various contract items.
- Payment for Regulatory Signs mounted on Overhead Traffic Signal Span Wire will be made under "Regulatory & Warning Sign, (.....), with Post".

6/6/80	Sheet added to contract plans for details of Stage 1A detour.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
STAGE 1A SIGNING & PAVEMENT MARKING PLAN	
INTERSTATE ROUTE H-1 PROJECT NO. I-HI-1(84):16	
SCALE: 1" = 50'	DATE
SHEET NO. OF	SHEETS



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ME OR UNDER MY SUPERVISION.
Werner Beugert



EAST	Waikiki
Middle St.	Nimitz
Dillingham Blvd.	Hwy.
LEFT LANE	KEEP RIGHT

Sign T-27
(Relocate from H-1(WB) Viaduct)

All Stripes on H-1(EB) Viaduct shall be of adhesive tape

INTERSTATE ROUTE H-1 (EASTBOUND) VIADUCT

R = 1200'

White Stripe

DRIVE
LAGOON

STAGE 1A
TRAFFIC PATTERN

STAGE 1A
TRAFFIC PATTERN

4" Yellow Stripe w/Type H
Pavement Markers @ 40' o.c.

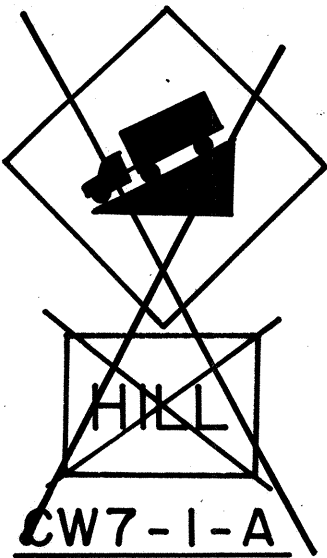
RAMP IV

MATCH LINE
SEE SHEET NO. C.O.665-4

MATCH LINE
SEE SHEET C.O.655-1

SPEED
LIMIT
35

R2-1(35)-A



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

C.O.665-5

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	EH-1(84):16	1978	665-6	4-66

NOTES:

- For Legend see Sheet No. C.O.665-3
- For General Notes see Sheet No. C.O.665-5

WEST Airport Pearl Harbor CENTER LANE	Puuloa Rd. Nimitz Hwy RIGHT LANE
--	--

Sign T-24
Sign T-25
(to remain)

Puuloa Rd.
Sign T-16 (to remain)

Existing Overhead Sign
T-15 to remain for Stage 1A

Puuloa Rd.
Airport
Pearl Harbor
Sign T-6 (to remain)

(H-1) EAST
Middle St. Waiki ki
Dillingham Nimitz
Blvd. Hwy
Sign T-29
Relocate

SPEED
LIMIT
35

R2-1(35)

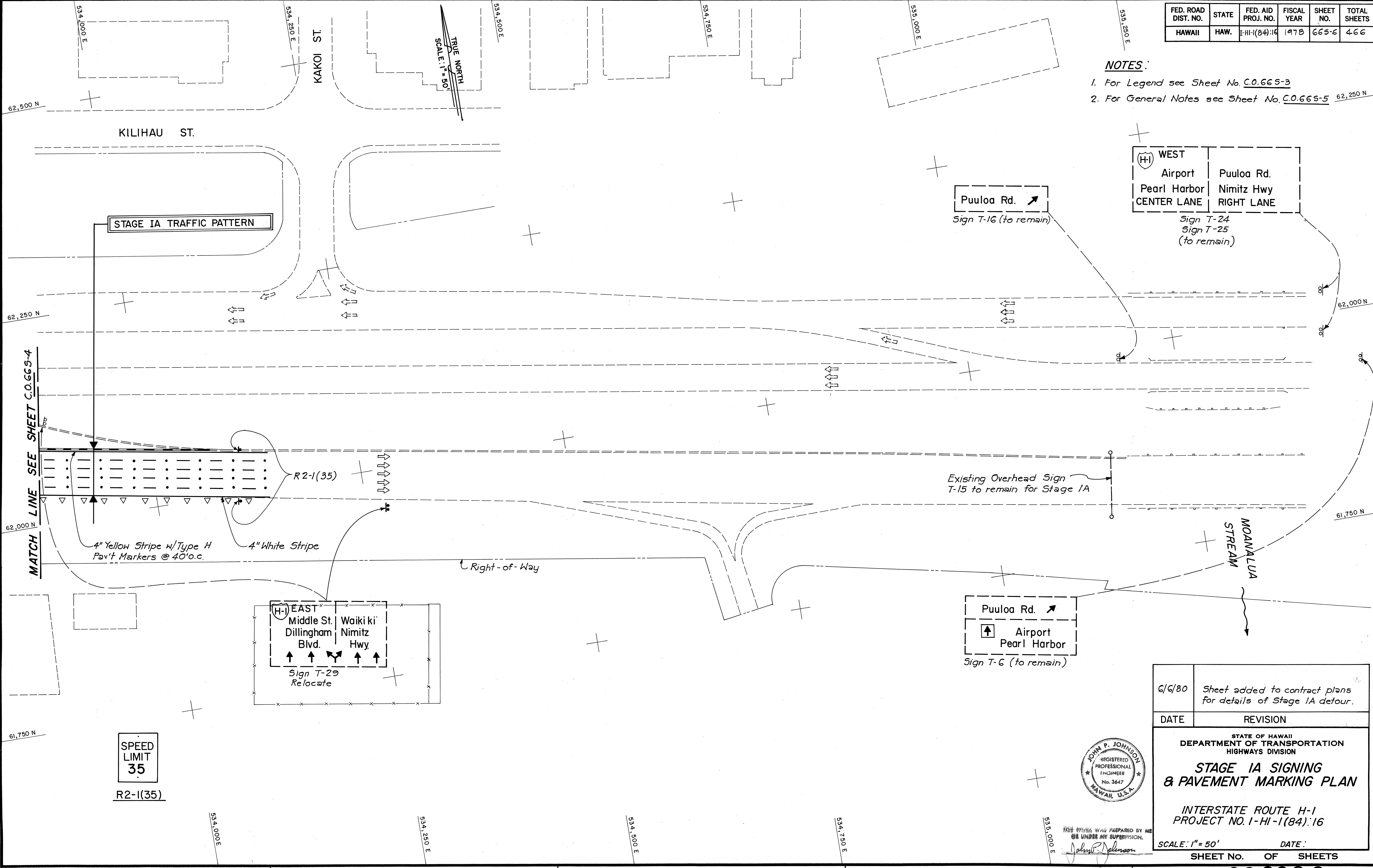
6/6/80	Sheet added to contract plans for details of Stage 1A detour.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
STAGE 1A SIGNING & PAVEMENT MARKING PLAN	
INTERSTATE ROUTE H-1 PROJECT NO. 1-HI-1(84):16	
SCALE: 1" = 50'	DATE:
SHEET NO.	OF SHEETS



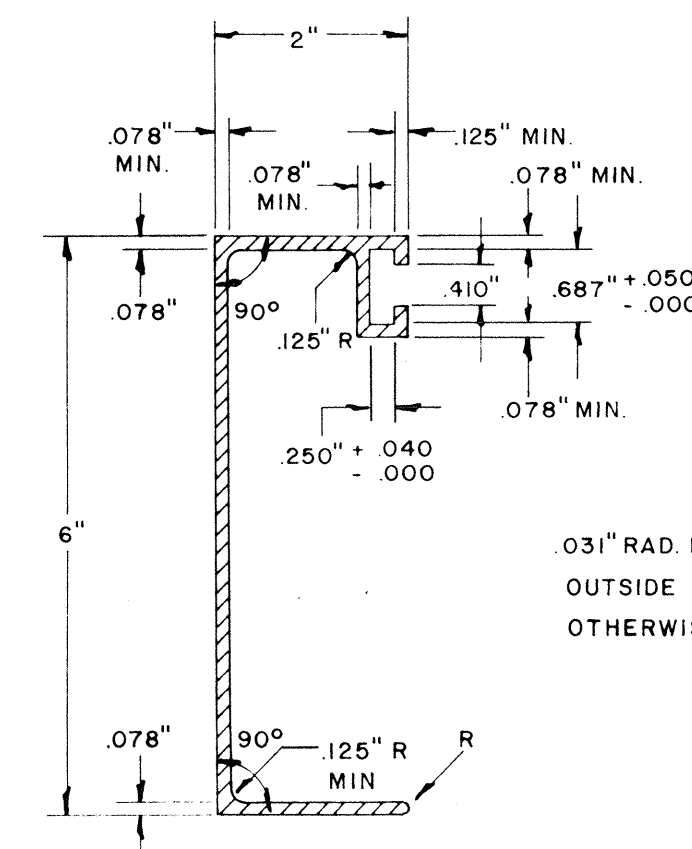
THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.
John P. Johnson

C.O.66S-6

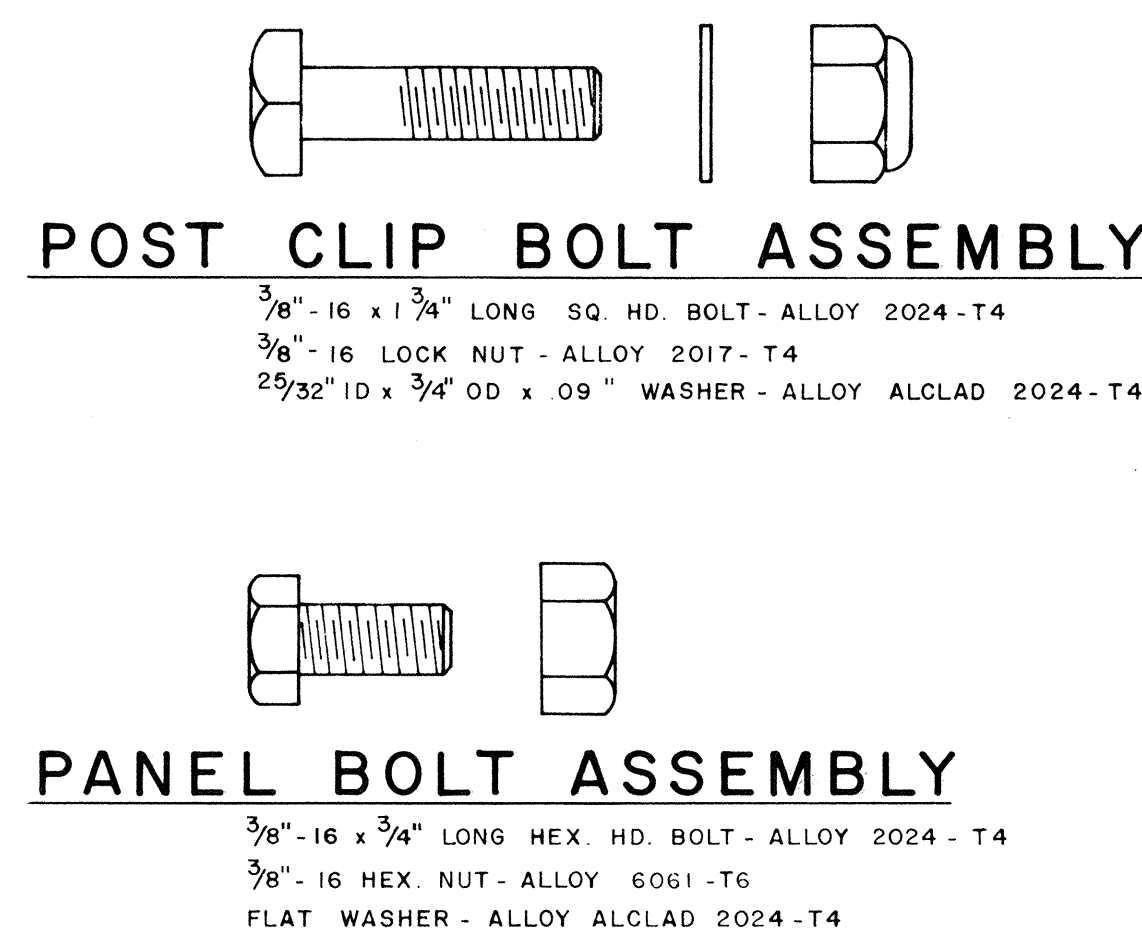
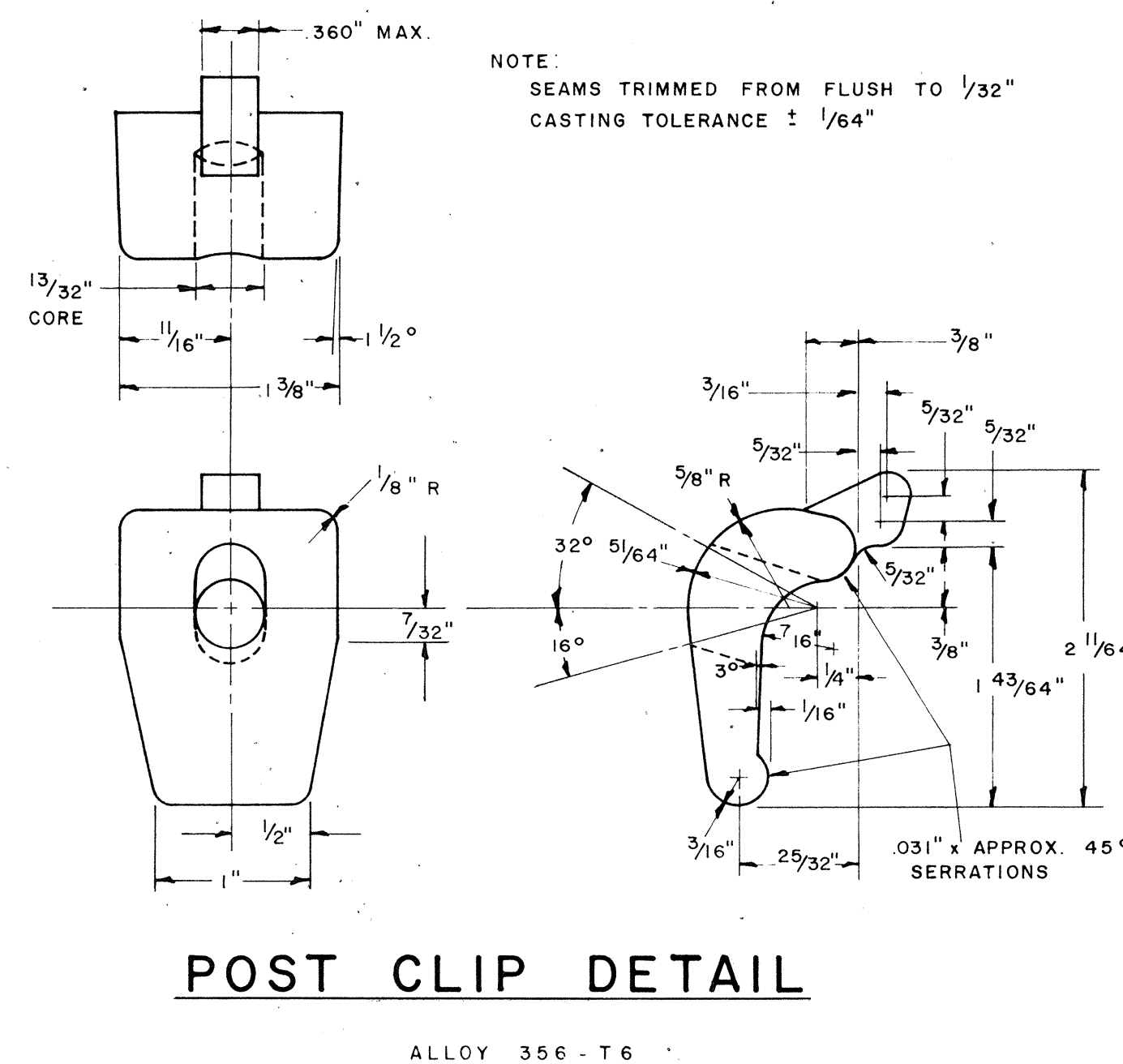
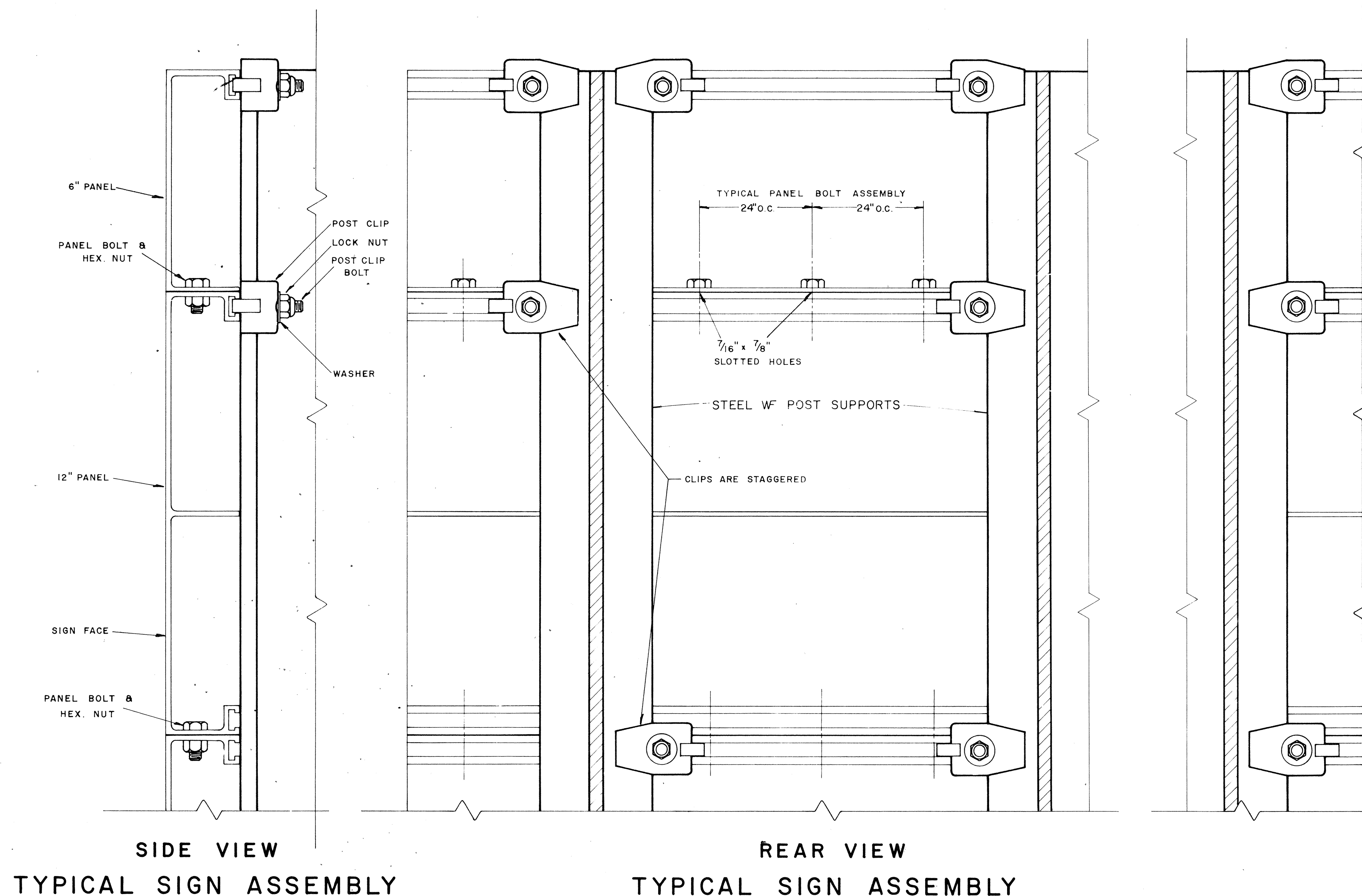
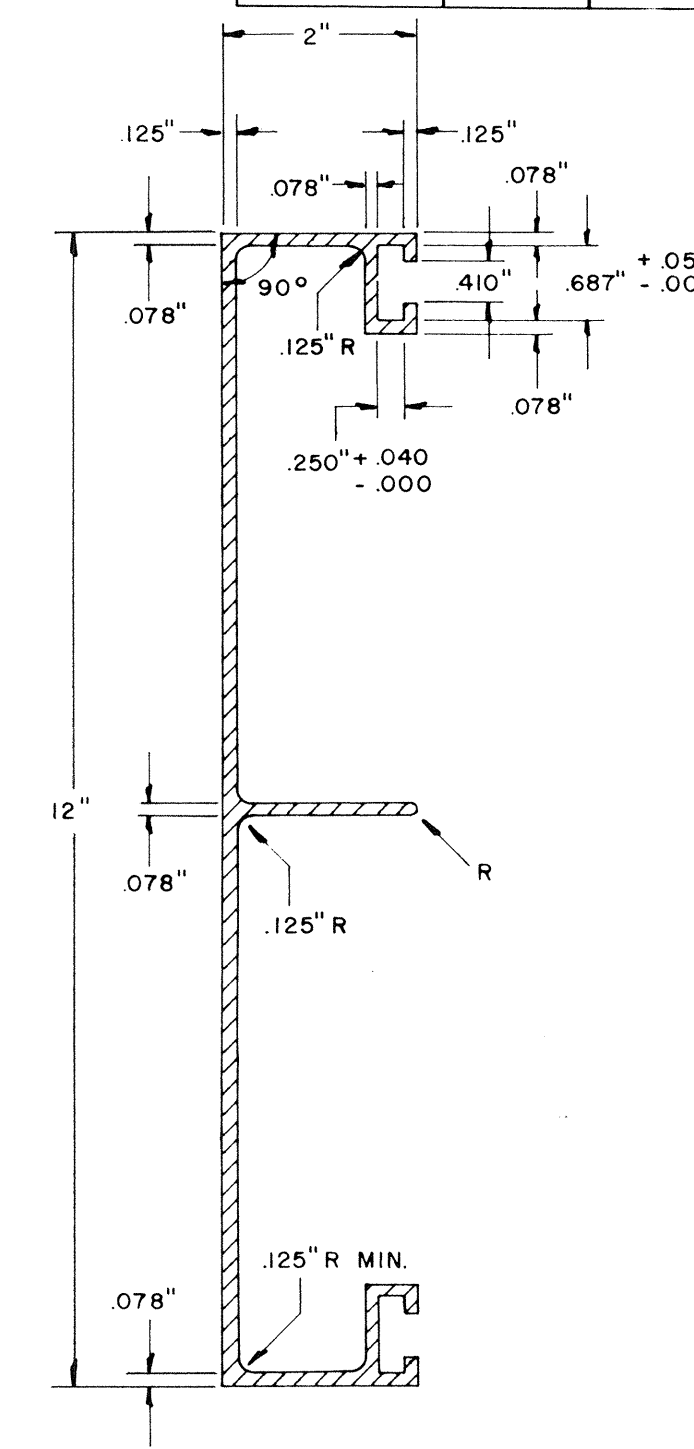
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
No.	TRACED BY	
	QUANTITIES BY	
	CHECKED BY	



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H-1(84)-16	1978	665-3	466



SOLID EXTRUDED SIGN PANEL DETAILS



NOTE:
 Extruded Aluminum Panels to be used for
 Destination Signs with Reflective Sheeting Background

APPROVAL RECOMMENDED:
Eichi Tanaka 12/29/67
 TRAFFIC ENGINEER DATE

APPROVED:
W. J. [Signature] 12-30-69
 ASSISTANT CHIEF, ENGINEERING DATE

NO.	REVISION	APPROVED BY	DATE

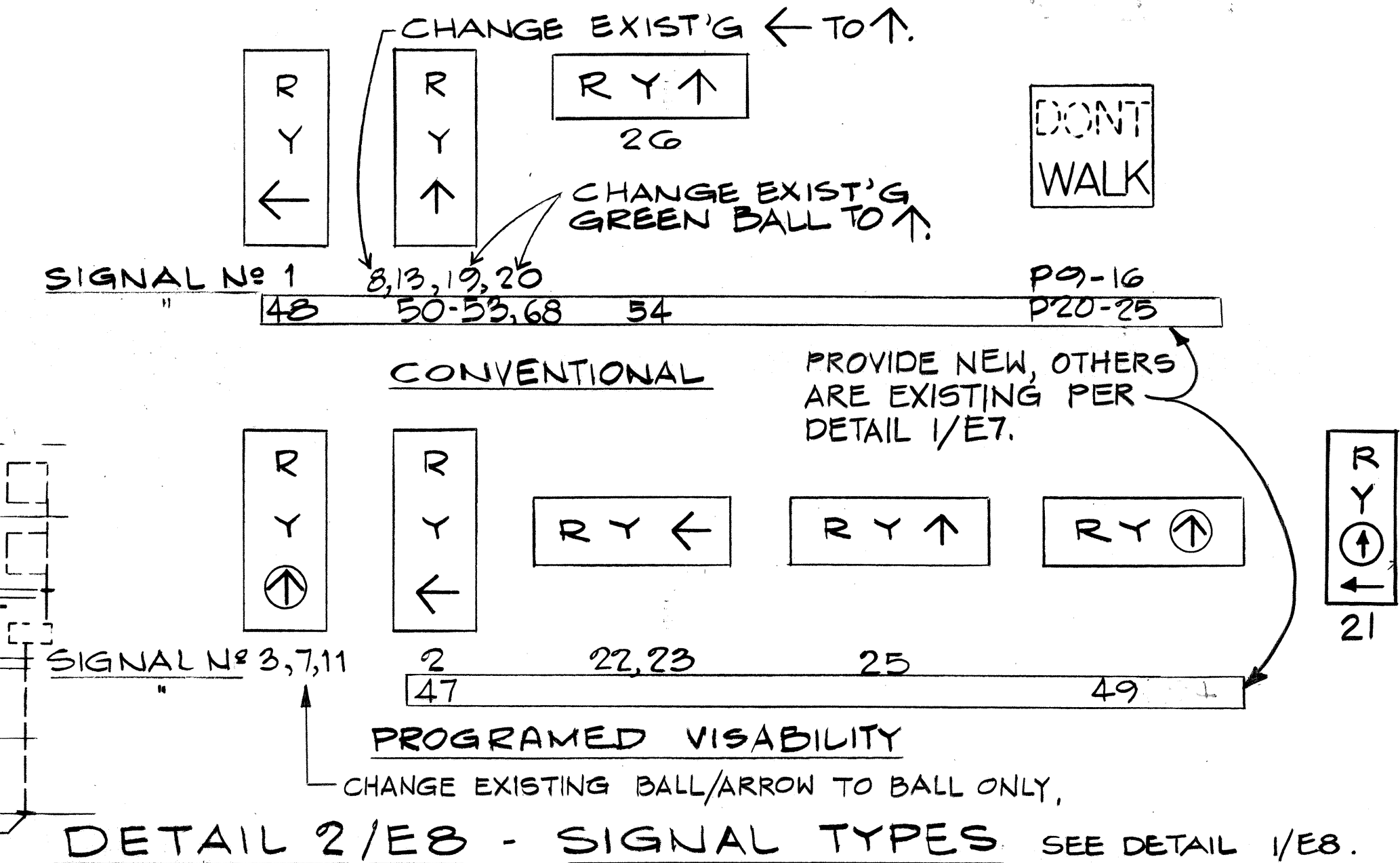
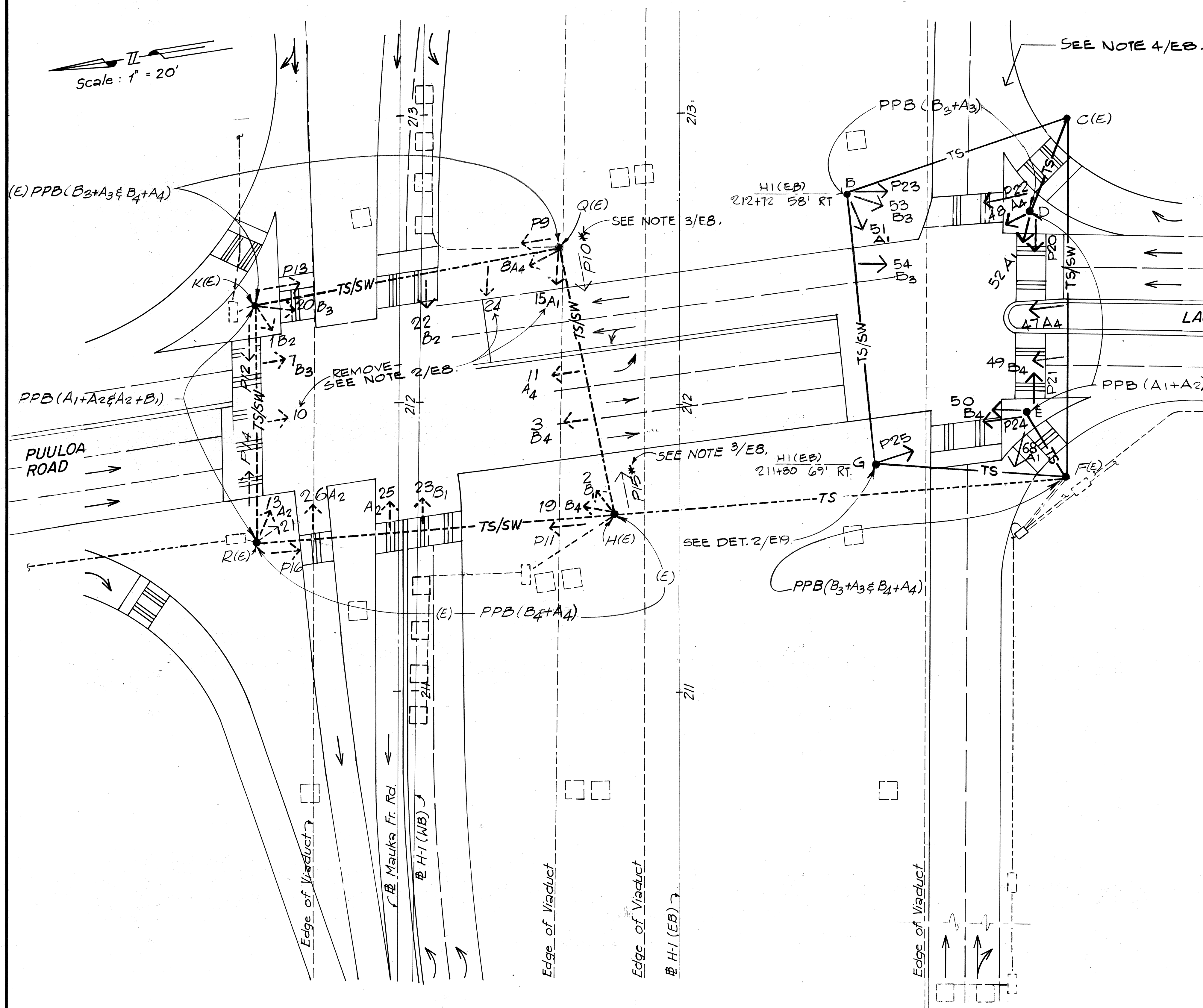
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 LAND TRANSPORTATION FACILITIES DIVISION
STANDARD DETAILS
 SOLID ALUMINUM
 EXTRUDED SIGN PANEL
 AND
 ACCESSORY DETAILS
 SCALE:

SHEET NO. OF SHEETS DT207

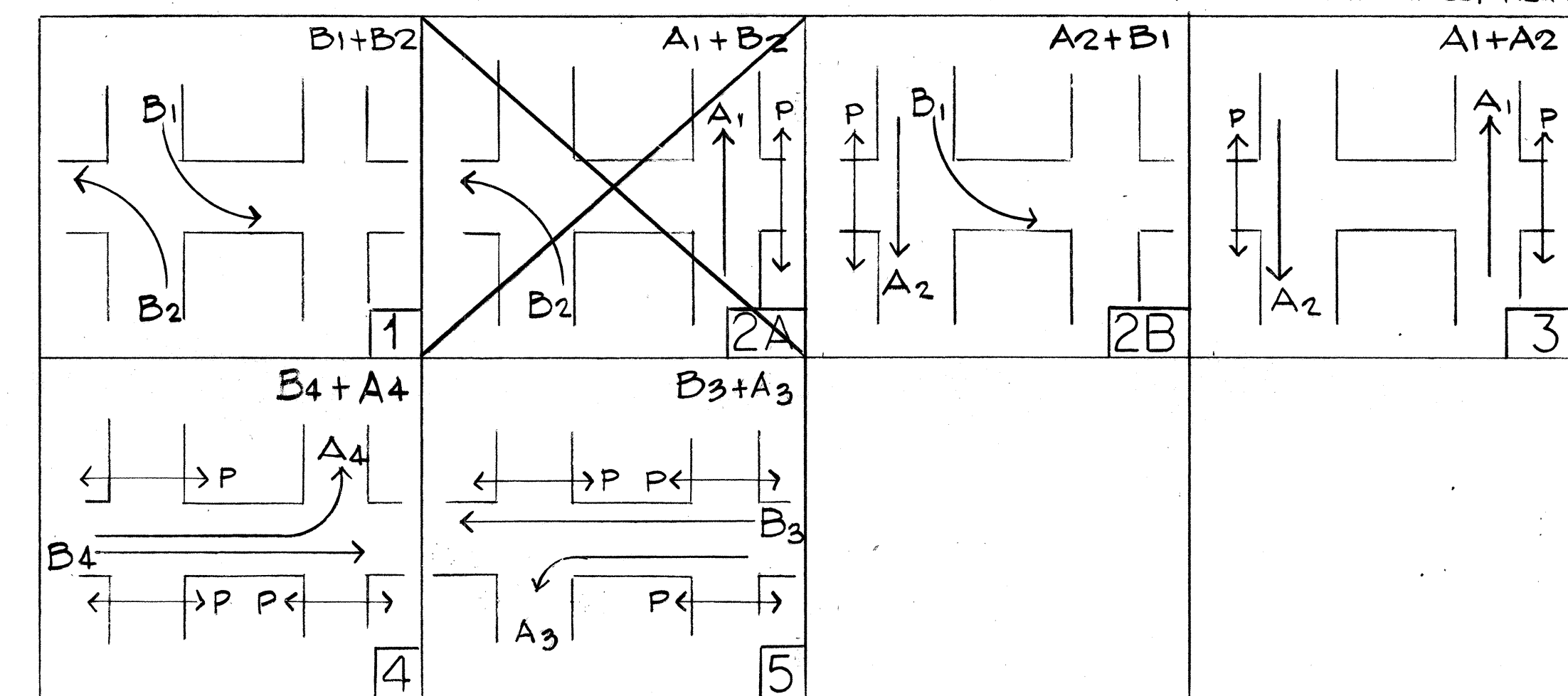
C.O.66S-9

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(84)16	1978	66S-11	466



NOTES
1/E8. MODIFY THE SIGNAL SYSTEM SHOWN IN DETAIL 1/E7 TO PROVIDE THE SYSTEM SHOWN IN DETAIL 1/E8. SIGNALS IN BOTH DETAILS ARE NUMBERED ALIKE.
2/E8. STOCKPILE AS DIRECTED EXISTING TRAFFIC SIGNALS, POLES & AERIAL FACILITIES WHICH ARE REMOVED FROM OPERATION. REMOVE PULLBOXES IN GRADE WITHIN THE TRAVELED WAY & ABANDON IN-PLACE SUBSURFACE FACILITIES NOT OPERATIONALLY REQ'D.



NOTES (CONTINUED)
3/E8. EXISTING SIGNALS ASTERISKED ARE INACTIVE FOR THIS SIGNAL PLAN BUT ARE REQUIRED FOR A LATER PLAN.
4/E8. PROVIDE 26/C SIGNAL LOOP FROM CONTROLLER TO POLE F-G-B-C-F TO CONTROLLER. RETAIN EXISTING 26/C LOOPS PER NOTE 2/E7.
5/E8. SIGNAL CONTROLLER OF DETAIL 1/E7 IS OPERATING AS A FIXED INTERVAL CONTROLLER & WILL CONTINUE TO SO OPERATE.

DETAIL 1/E8
STAGE 1A SIGNAL PLAN
INTERSECTION NO 2A-1

SEE DETAIL 2/E8.

EXISTING FACILITIES SHOWN DOTTED, OR NOTED "(E)".
SEE NOTE 1/E8

6/6/80	Sheet added to contract plans for details of Stage 1A detour.
DATE	REVISION



THIS WORK WAS PREPARED BY
M. A. Marszalowicz
REGISTERED PROFESSIONAL ENGINEER
No. 1366
HAWAII, U.S.A.

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
STAGE 1A SIGNAL PLAN PUULOA RD. INTERSECTION
INTERSTATE ROUTE H-1 PROJECT NO I-HI-1(84)16
SCALE: 1" = 20' DATE: _____
SHEET NO. _____ OF _____ SHEETS

C.O.66S-11

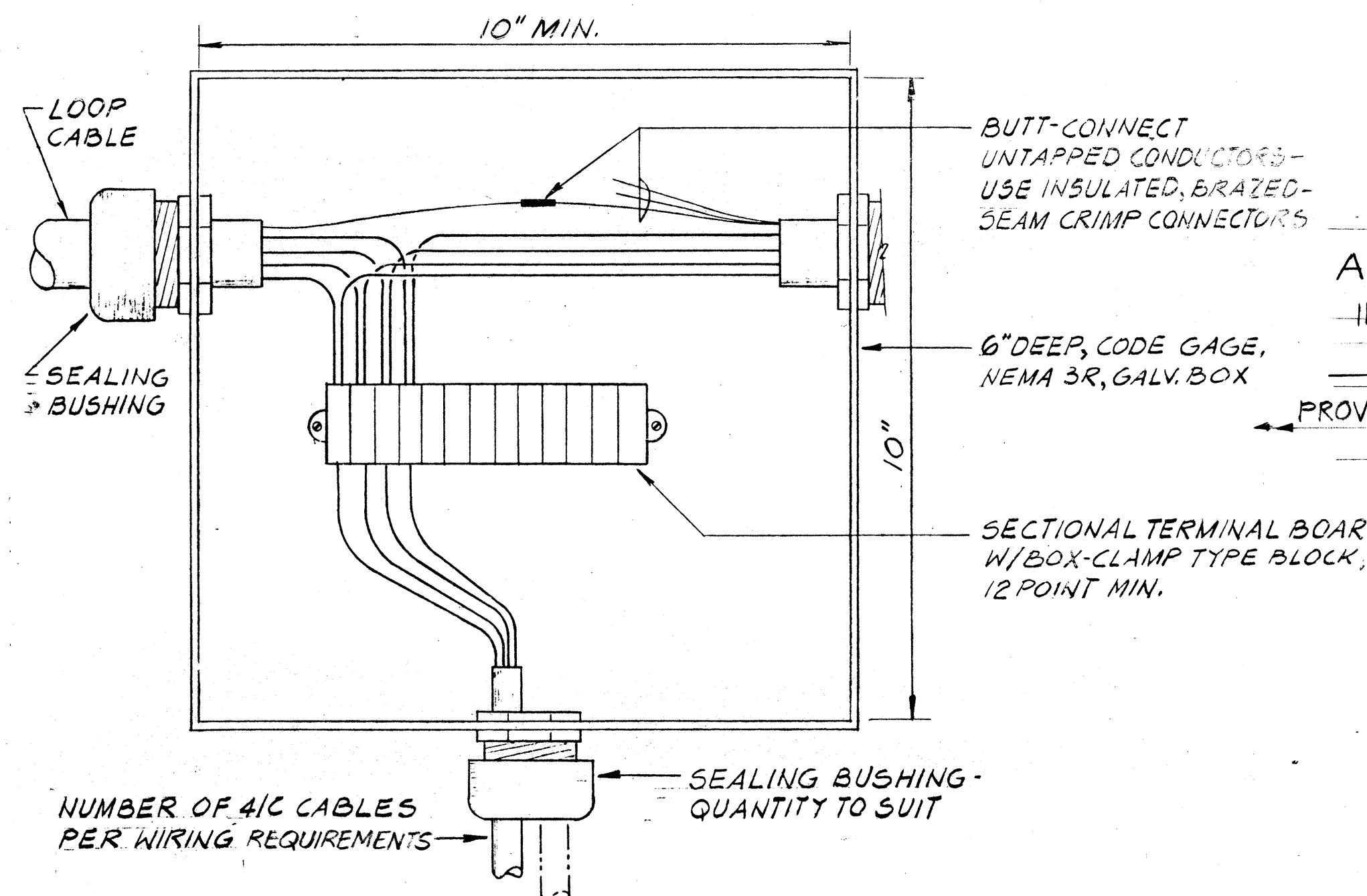
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(84):16	1978	665-12	466

(NOTE) STRIPING SHOWN IS ULTIMATE CONDITION

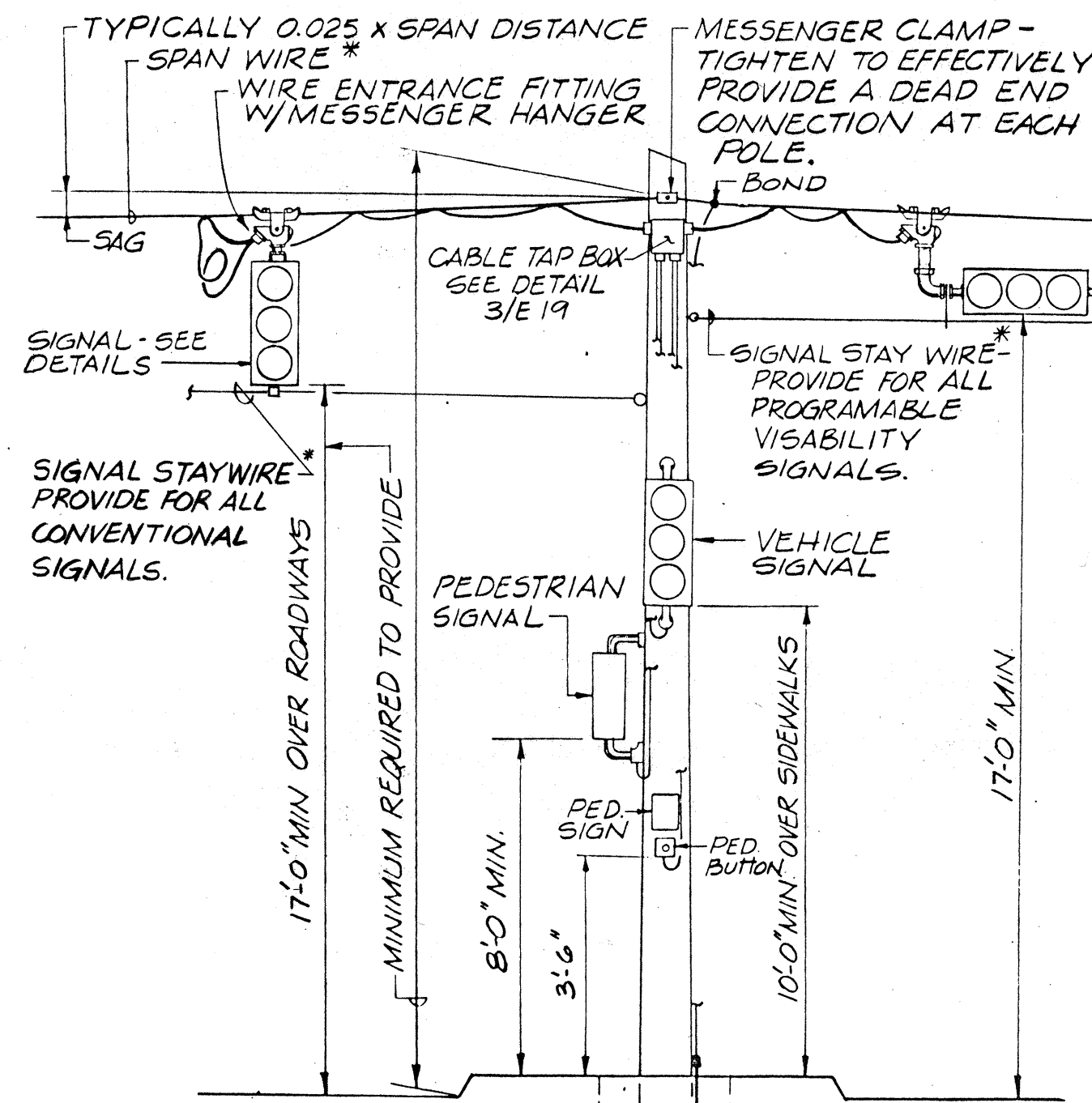
DETECTOR LOOPS ON FRONTAGE ROAD STRUCTURE. SEE DETAIL 2/E19, 3/E19

STA. 224+00 NORTH SCALE 1"=20'

3-DETECTOR LOOPS ON STRUCTURE APPROACH SLAB. SEE DETAIL 3/E19



DETAIL 3/E19
LOOP CABLE TAP BOX



DETAIL 1/E19 - TYPICAL ARRANGEMENT OF TRAFFIC SIGNAL FACILITIES N.T.S.
Provide Guy & Anchors as required.

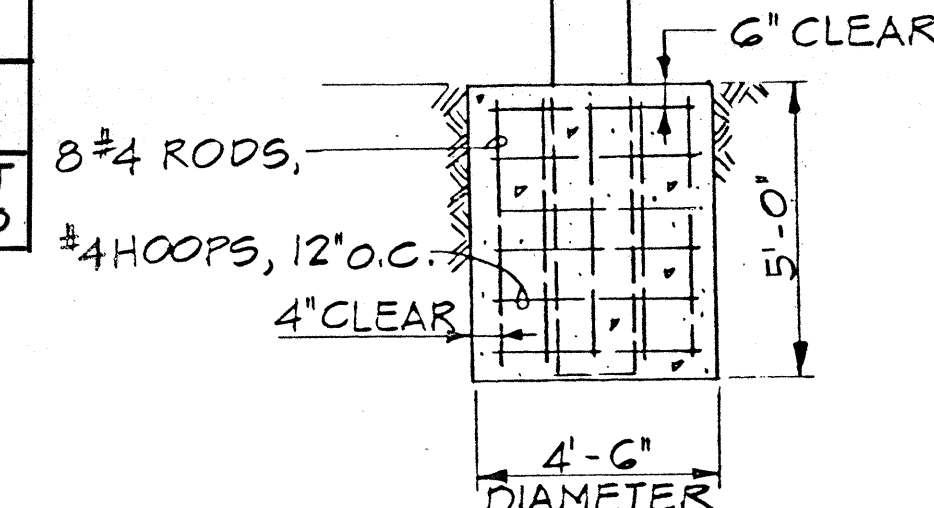
LEGEND FOR STAGE 1A ELECTRICAL DETAILS		
SYMBOL	REPRESENTS	REFERENCE
2 ←	TRAFFIC SIGNAL HEAD, W/I.D. No.	
• B	WOOD POLE FOR TRAFFIC SIGNAL SYSTEM, W/I.D. LETTER	2/E19
— TS —	TRAFFIC SIGNAL SYSTEM AERIAL CONDUCTORS	1/E19 3/E19
— TS/SW —	TRAFFIC SIGNAL SYSTEM AERIAL CONDUCTORS AND SIGNAL SPAN WIRE	1/E19
PPB	PEDESTRIAN PUSHBUTTON AND SIGN	SHEET DT400

ELECTRICAL		
ITEM No.	ITEM	UNIT
623,9013	TRAFFIC SIGNAL SYSTEM 2A-1	LS

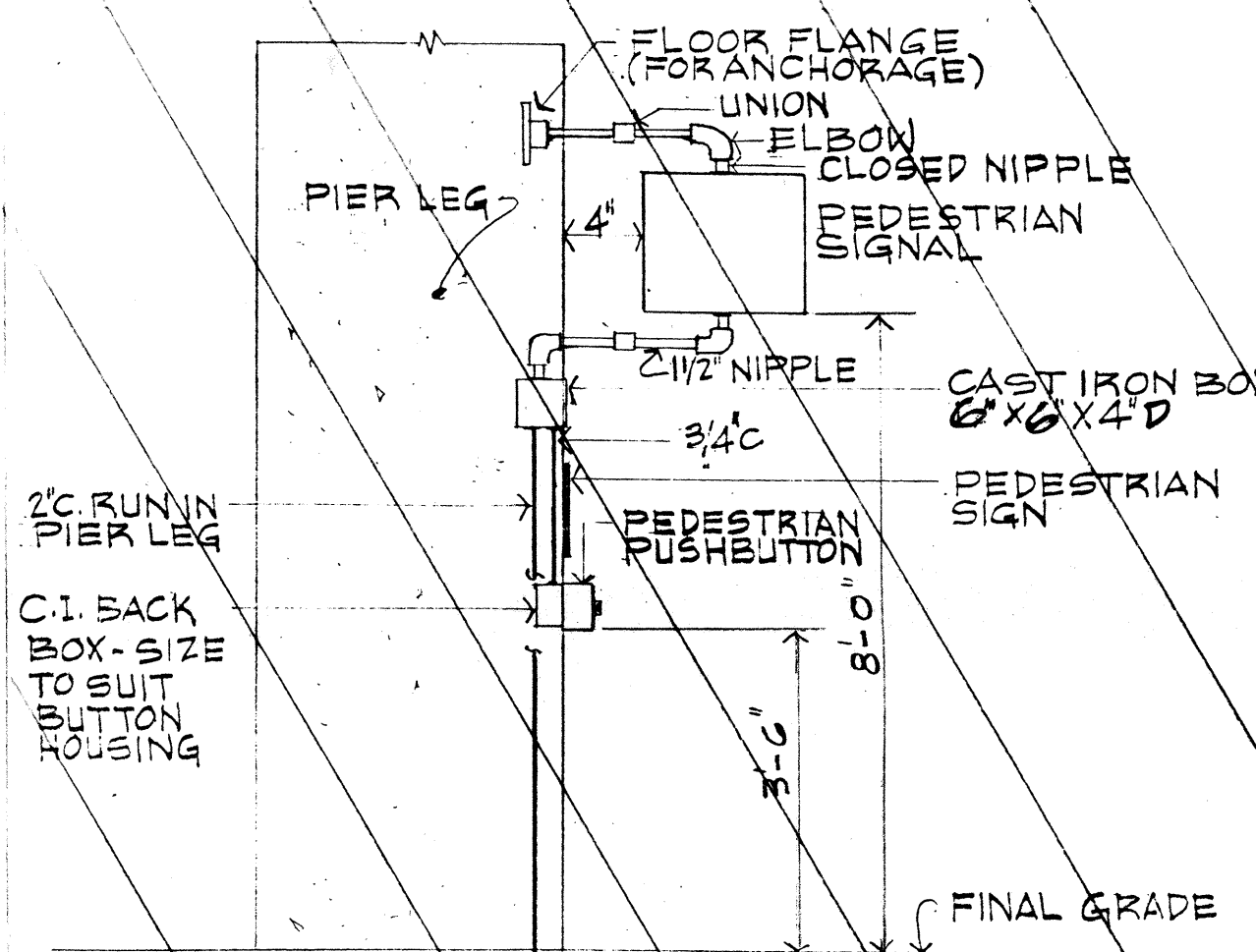
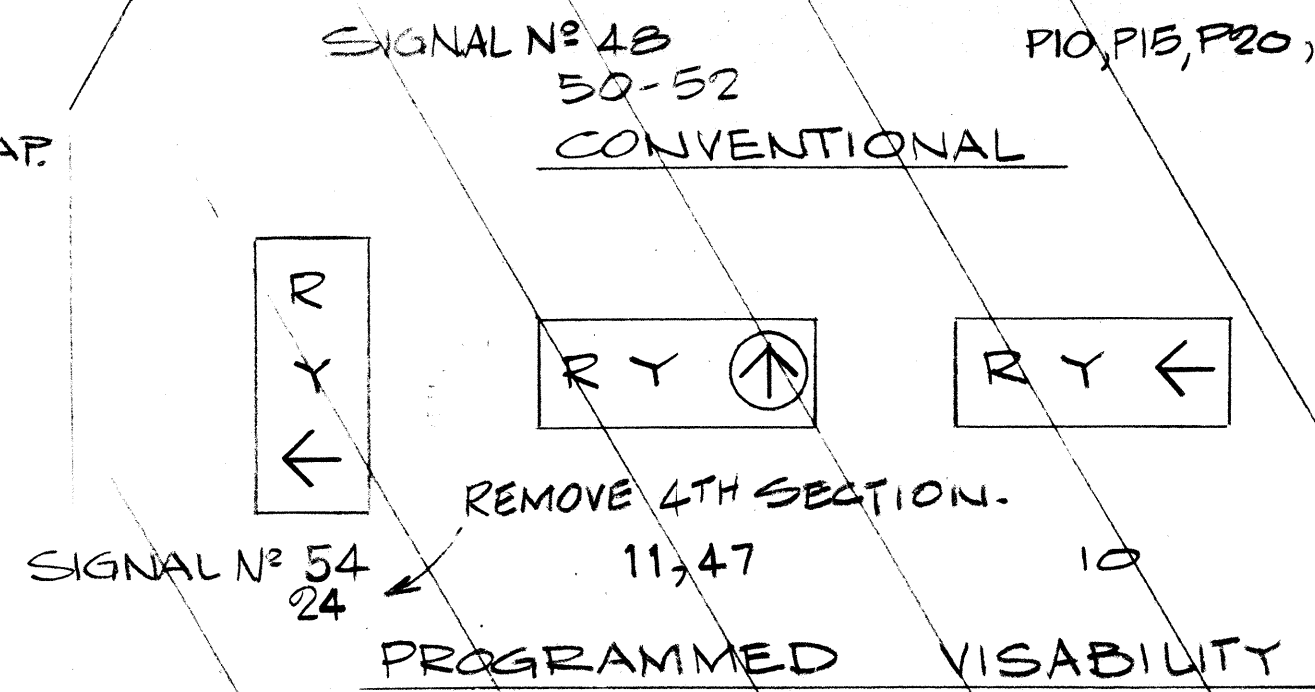
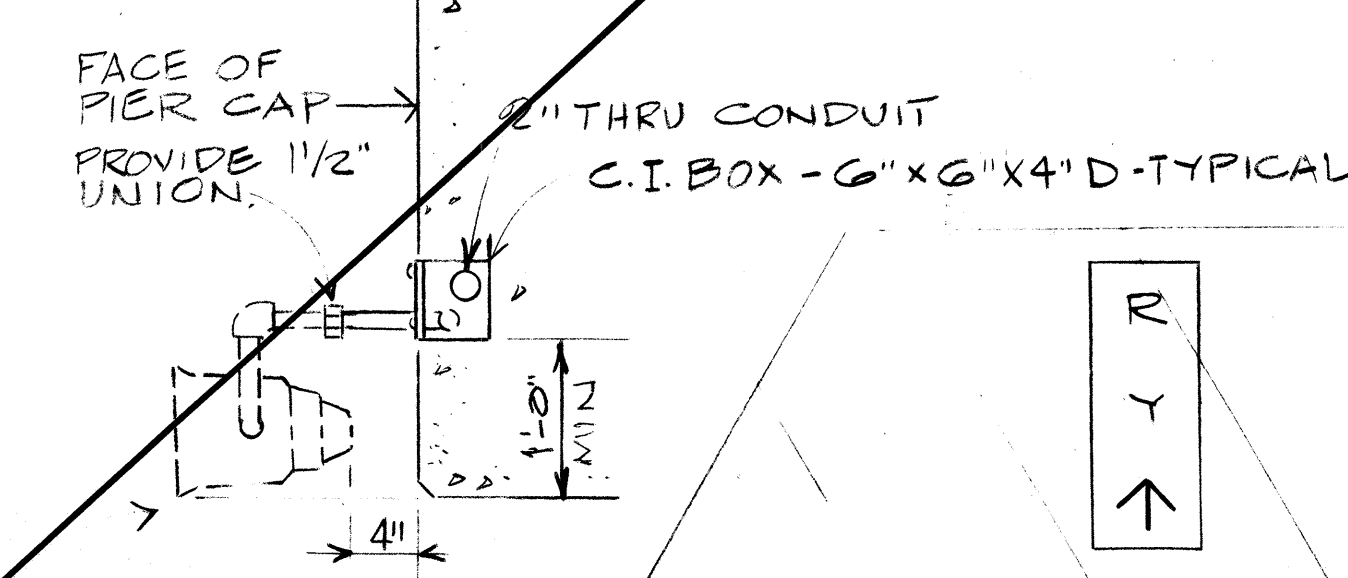
DETAIL 4/E19
INTERSECTION N° 2A-2
SEE DETAIL 6/E19.
SCALE: 1"=20'

NOTE: ONLY EMBEDDED RACEWAYS AND PULLBOXES IN THIS CONTRACT

PROVIDE ASA CLASS 3 POLE FOR POLES B,D, E, G, S, T, U.

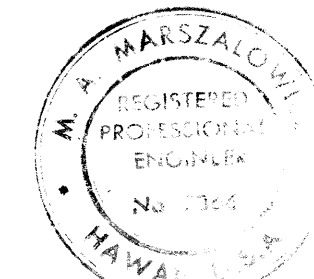


DETAIL 2/E19
POLE SUPPORT



DETAIL 5/E19
PEDESTRIAN SIGNAL ON PIER LEG
N.T.S.
N.I.C.

6/6/80	Sheet added to contract plans for details of Stage 1A detour.
DATE	REVISION
	STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
	ELECTRICAL DETAILS PART 9 INTERSTATE ROUTE H-1 PROJECT NO. I-HI-1(84):16
SCALE: AS SHOWN	DATE:
SHEET NO.	OF SHEETS



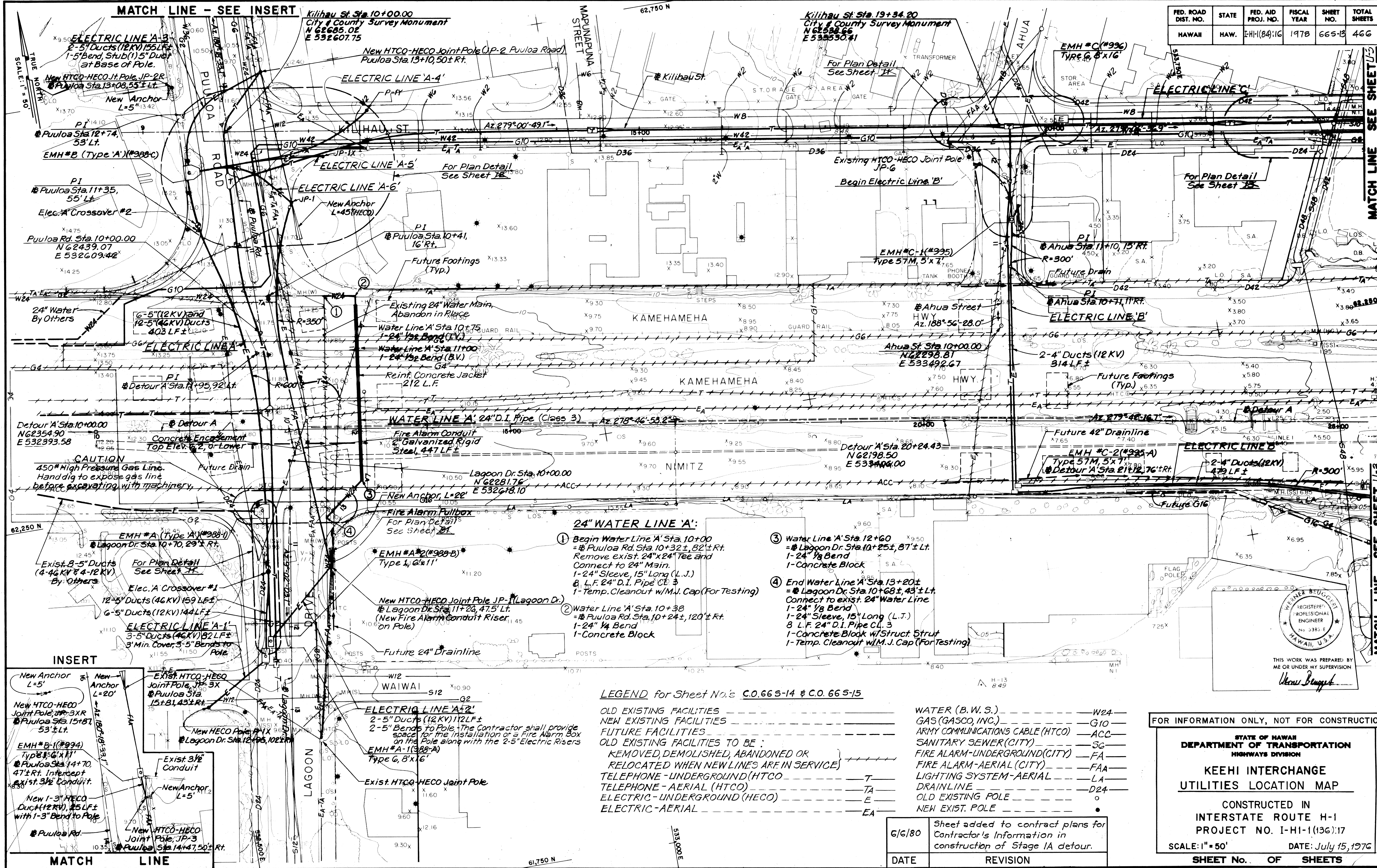
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
M. A. Marszalowicz

MATCH LINE - SEE INSERT

Kilihaui St Sta. 10+00.00
City & County Survey Monument
N 62°58'02"
E 53°26'07.75"

Kilihaui St Sta. 19+34.20
City & County Survey Monument
N 62°58'02"
E 53°26'07.75"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-HI-1(136):17	1978	665-13	466



INSERT

LEGEND for Sheet No.'s C.O. 66S-14 & C.O. 66S-15

OLD EXISTING FACILITIES
NEW EXISTING FACILITIES
FUTURE FACILITIES
OLD EXISTING FACILITIES TO BE:
REMOVED, DEMOLISHED, ABANDONED OR
RELOCATED WHEN NEW LINES ARE IN SERVICE
TELEPHONE - UNDERGROUND (HTCO)
TELEPHONE - AERIAL (HTCO)
ELECTRIC - UNDERGROUND (HECO)
ELECTRIC - AERIAL

WATER (B.W.S.)
GAS (GASCO, INC.)
ARMY COMMUNICATIONS CABLE (HTCO)
SANITARY SEWER (CITY)
FIRE ALARM - UNDERGROUND (CITY)
FIRE ALARM - AERIAL (CITY)
LIGHTING SYSTEM - AERIAL
DRAINLINE
OLD EXISTING POLE
NEW EXIST. POLE

G/G/80	Sheet added to contract plans for Contractor's Information in construction of Stage 1A detour.
DATE	REVISION

FOR INFORMATION ONLY, NOT FOR CONSTRUCTION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KEEHI INTERCHANGE
UTILITIES LOCATION MAP

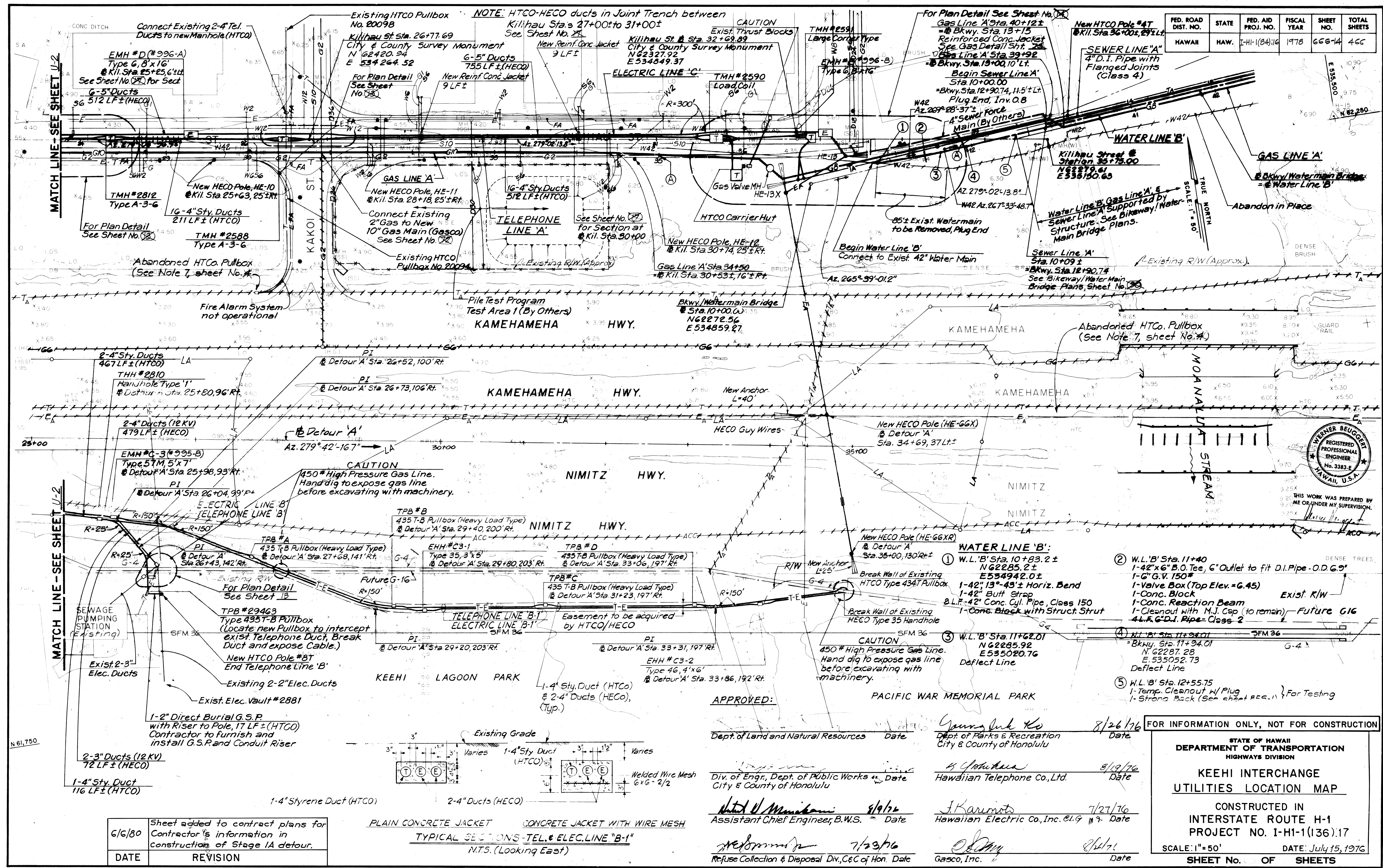
CONSTRUCTED IN
INTERSTATE ROUTE H-1
PROJECT NO. 1-HI-1(136):17

SCALE: 1" = 50' DATE: July 15, 1978

SHEET No. OF SHEETS

C.O. 66S-13

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(136)17	1978	66S-14	466



DATE	DESIGNED BY	CHECKED BY
6/6/80	W. J. K. K.	W. J. K. K.
DATE	DESIGNED BY	CHECKED BY
6/6/80	W. J. K. K.	W. J. K. K.

DATE	REVISION
6/6/80	Sheet added to contract plans for Contractor's information in construction of Stage 1A detour.

PLAIN CONCRETE JACKET CONCRETE JACKET WITH WIRE MESH
TYPICAL SECTIONS TEL. & ELEC. LINE "B-1"
N.T.S. (Looking East)

APPROVED:

Dept. of Land and Natural Resources Date 8/26/76

Dept. of Parks & Recreation City & County of Honolulu Date 8/19/76

Div. of Engr., Dept. of Public Works City & County of Honolulu Date 8/19/76

Assistant Chief Engineer, B.W.S. Date 7/23/76

Refuse Collection & Disposal Div., C&C of Hon. Date 8/26/76

Hawaiian Telephone Co., Ltd. Date 7/27/76

Hawaiian Electric Co., Inc. Date 8/26/76

FOR INFORMATION ONLY, NOT FOR CONSTRUCTION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KEEHI INTERCHANGE
UTILITIES LOCATION MAP

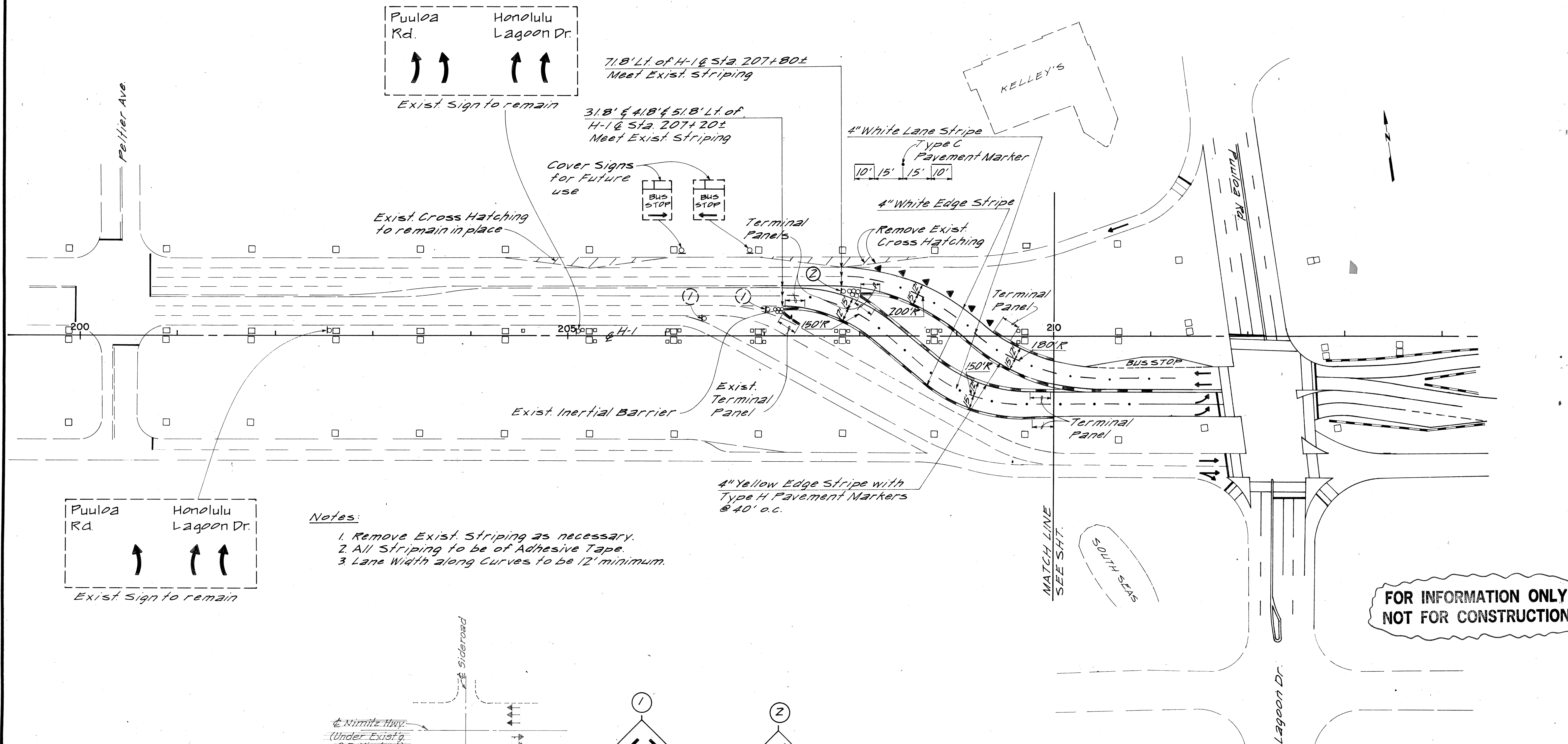
CONSTRUCTED IN
INTERSTATE ROUTE H-1
PROJECT NO. I-HI-1(136)17

SCALE: 1"=50' DATE: July 15, 1976

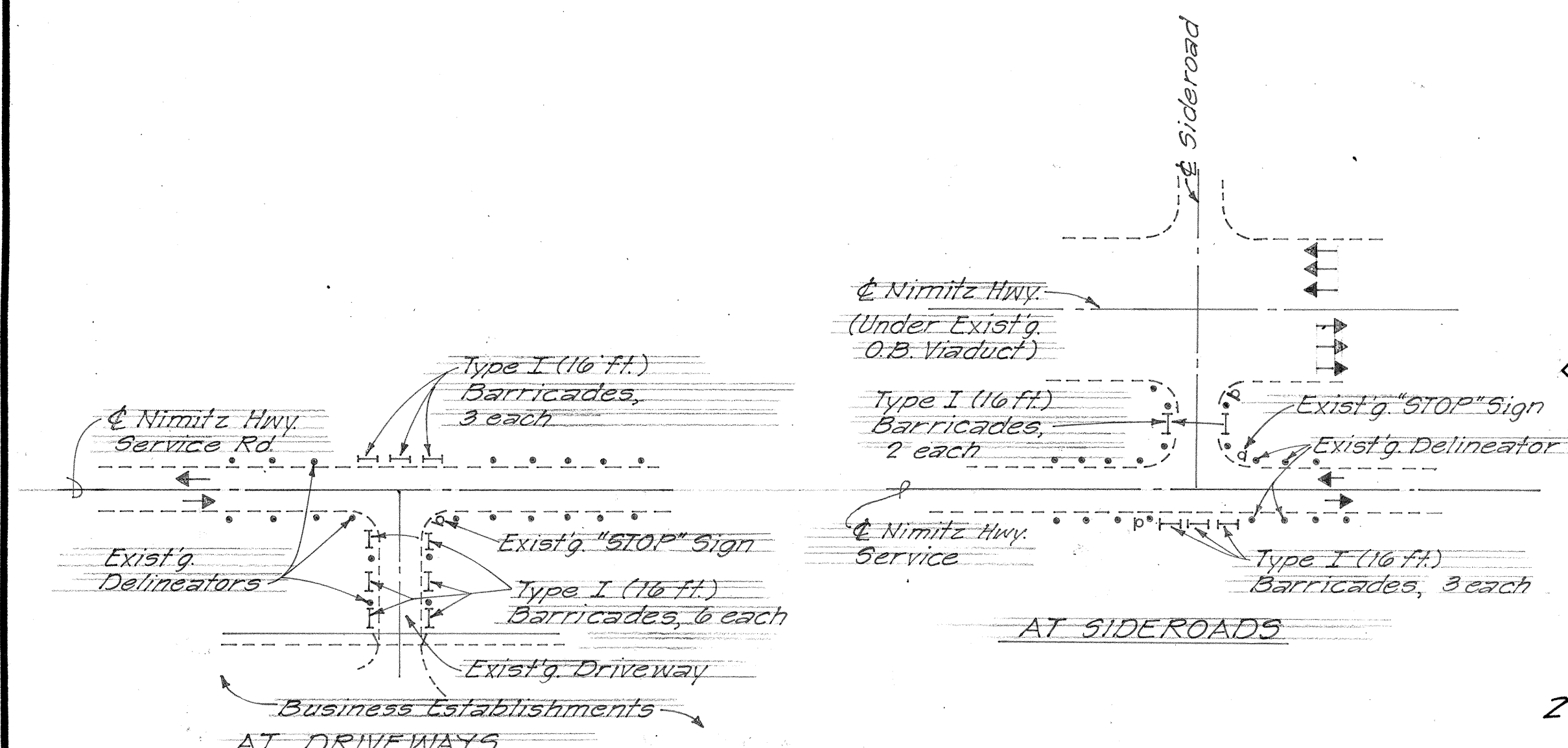
SHEET NO. 14 OF 15 SHEETS

C.O.66S-14

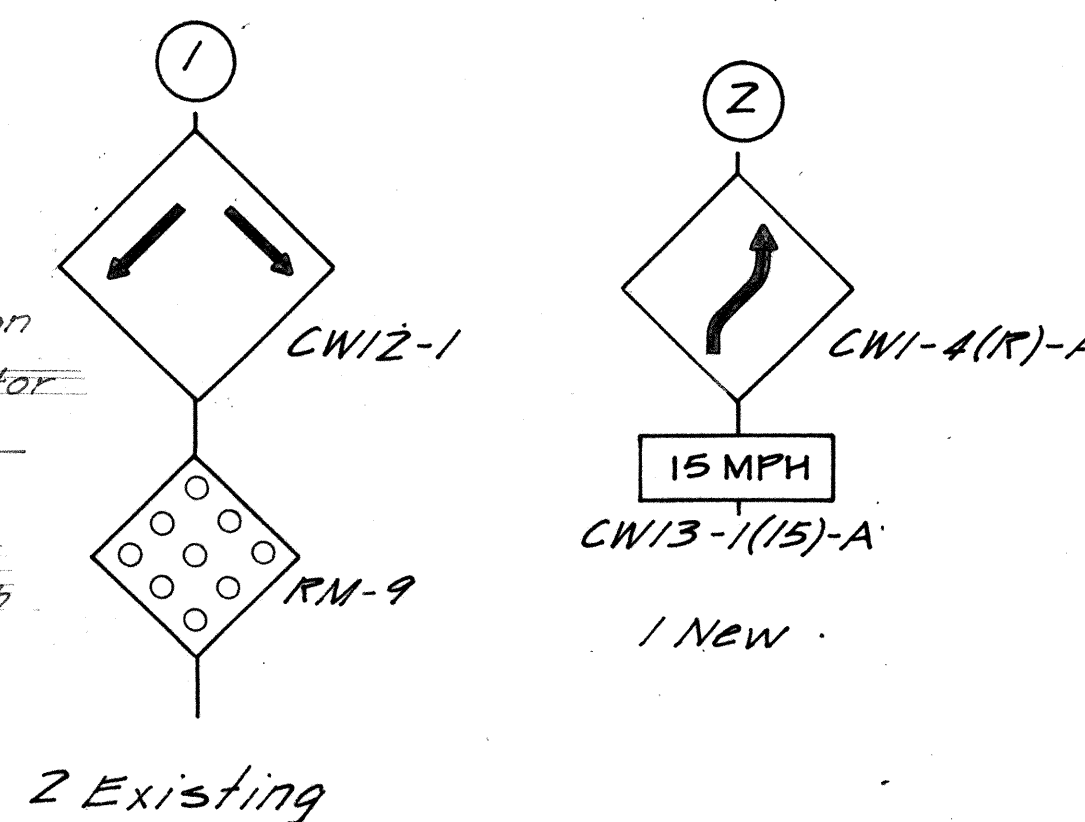
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-HI-1(84)16	1978	67	466



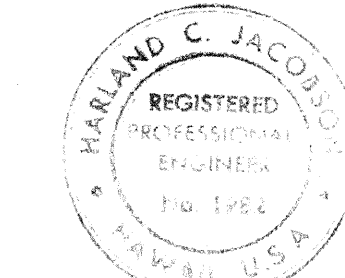
- Notes:
1. Remove Exist. Striping as necessary.
 2. All Striping to be of Adhesive Tape.
 3. Lane Width along Curves to be 12' minimum.



TYPICAL TYPE I (16 FT.) BARRICADES
ALONG NIMITZ HWY. SERVICE RD.
N.T.S.



- LEGEND
- ▶▶▶ Traffic Delineators (Tubular)
 - 25' o.c. @ Curves
 - 50' o.c. @ Tangents
 - ▬ Portable Conc. Guardrail
 - Existing Sign
 - ⊗ Inertial Barrier



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION
Harland C. Jacobson
Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

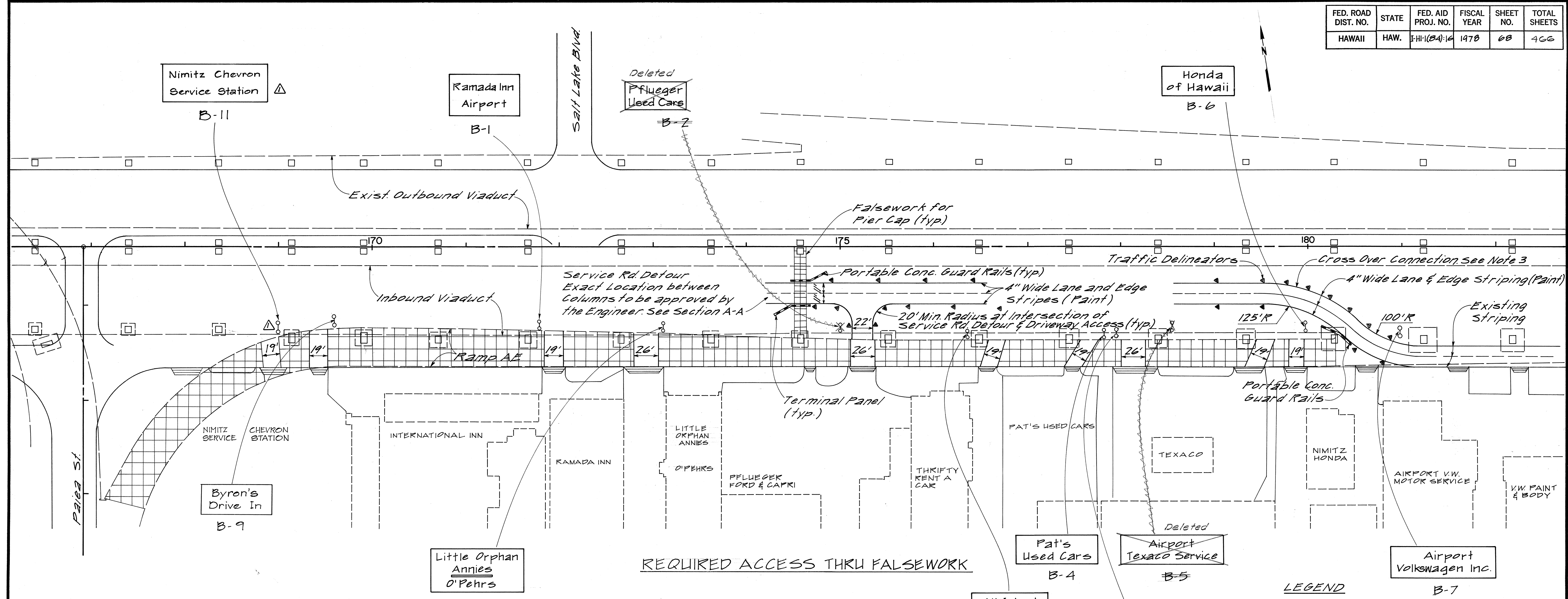
TEMP. FRONTAGE RD. CROSSOVER
STAGE 1B

CONSTRUCTED IN
INTERSTATE ROUTE H-1
F.A.I. PROJ. NO. I-HI-1(147)17

SCALE: 1" = 50' DATE: MAY 26, 1978
SHEET NO. 5 OF 7 SHEETS

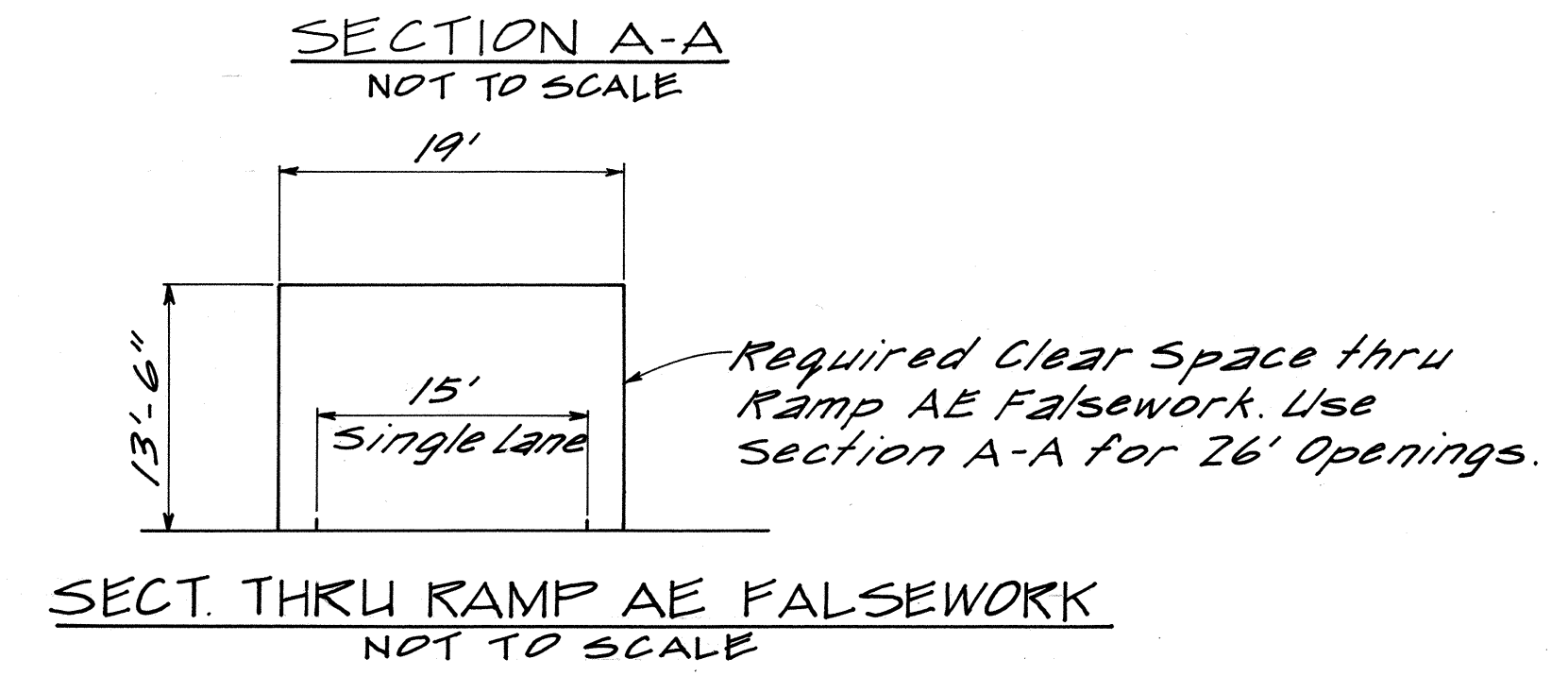
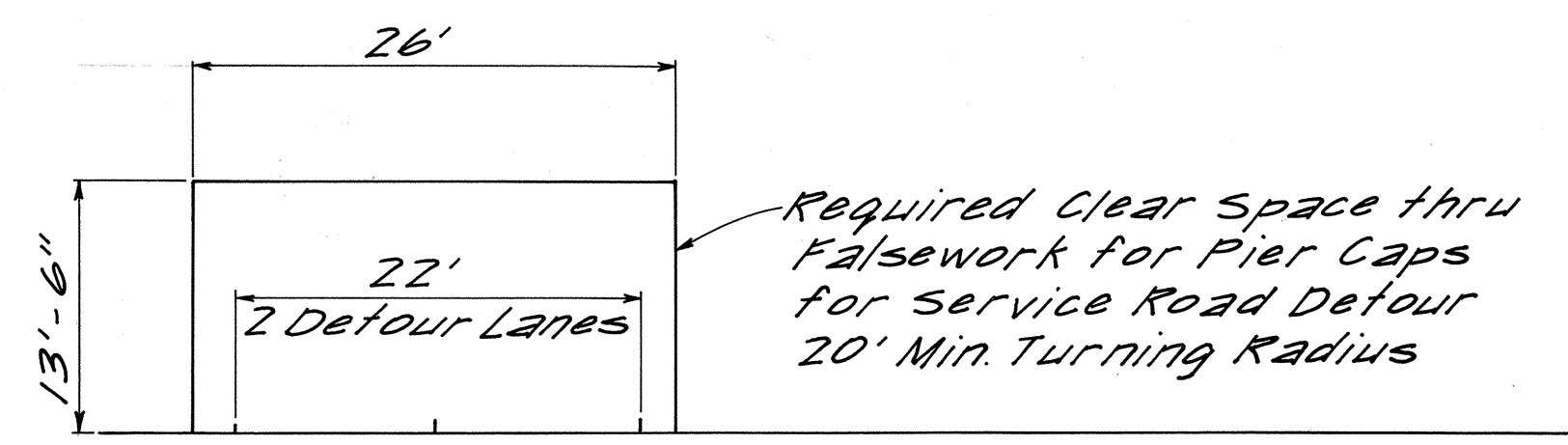
ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
NOTED BY	
CHECKED BY	
NO.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-HI-1(84)-16	1978	68	466



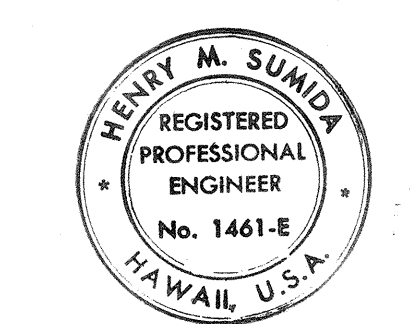
REQUIRED ACCESS THRU FALSEWORK

- NOTES:
1. Location of Service Road Detour to be approved by the Engineer.
 2. Service Road Detour to be delineated by 4" Wide Edge and Lane Stripes using Paint and Tubular Traffic Delineators.
 3. Location of Cross Over connection to be approved by Engineer. Striping for Cross Over connection to meet Exist. Striping. Contractor to remove all extraneous and conflicting Striping.
 4. Access shall be provided at all times from the Service Road Detour and Cross Over connection thru the Falsework to the Exist. Driveways along the Makai side of Nimitz Highway.
 5. Payment of Detour System for Service Rd. Detour including Striping and Traffic Delineators shall be made under Item 104.0500. Payment for Portable Conc. Guard Rails used in conjunction with the openings thru the Pier Cap Falsework shall be incidental to the various pay items associated with the pier construction.
 6. Exact location of Temporary Business Designation Signs to be determined in the field and as directed by the Engineer. See Sht. 55-11 for details.
 7. All Falsework for Pier Caps beyond Sta. 181+00 requiring openings to permit passage of vehicles shall have minimum openings as shown in Section A-A and protected by portable concrete guard rails as shown above at Sta. 174+55.



- LEGEND
- Falsework Area
 - Tubular Traffic Delineators 50' o.c. on Tangents 25' o.c. on Curves

NO.	DATE	REVISION
1	10-2-78	REVISED NOTE 7 ADDED NIMITZ CHEVRON SERVICE STATION ACCESS THRU FALSE WORK AND BUSINESS DESIGNATION SIGN



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.
Henry M. Sumida

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

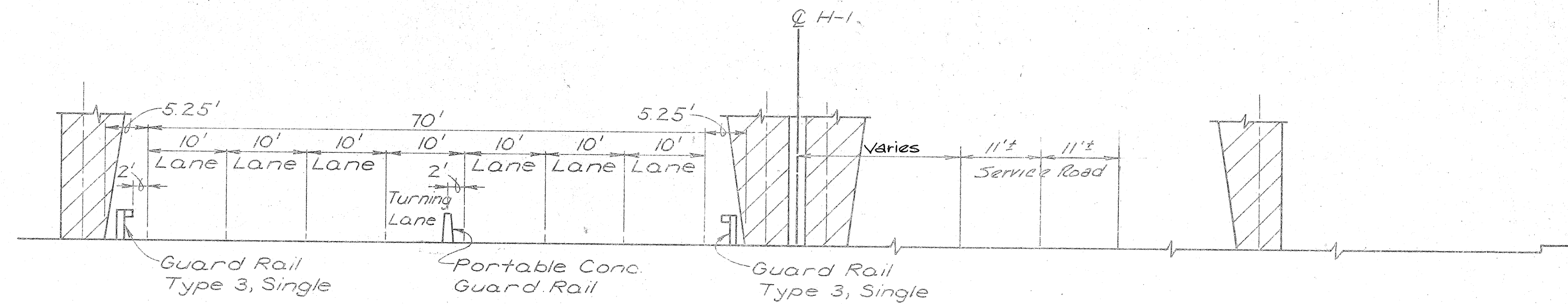
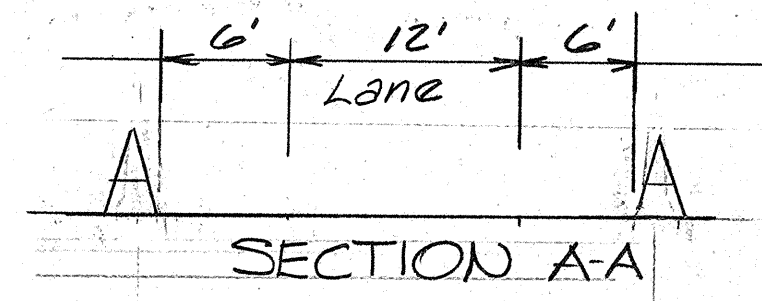
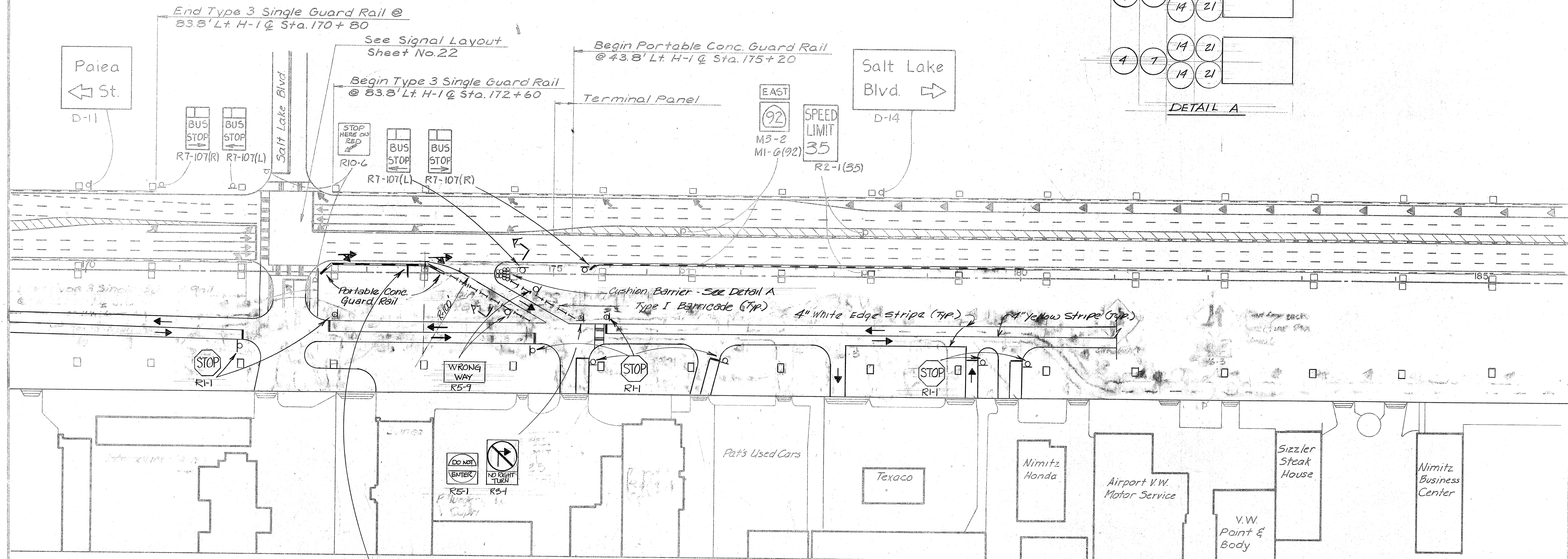
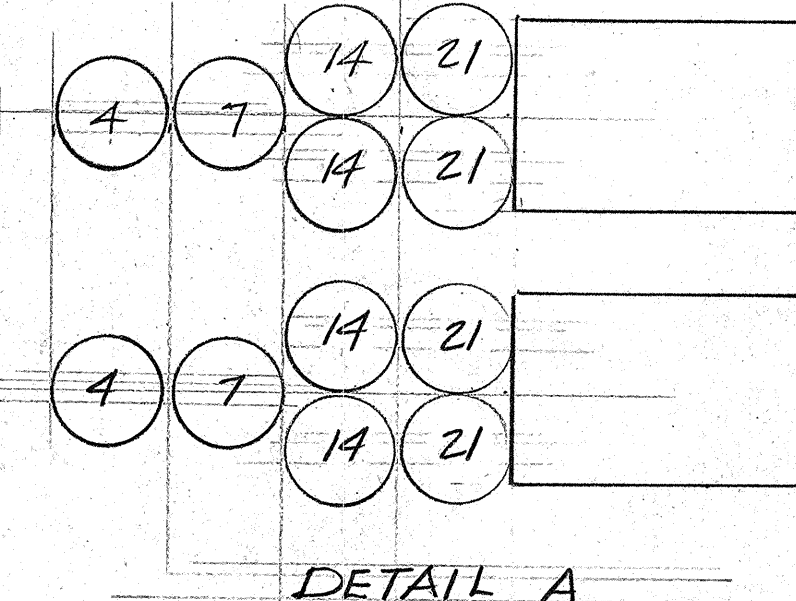
DETOUR PLAN

AIRPORT INTERCHANGE
F.A.I. PROJ. NO. I-HI-1(84)-16

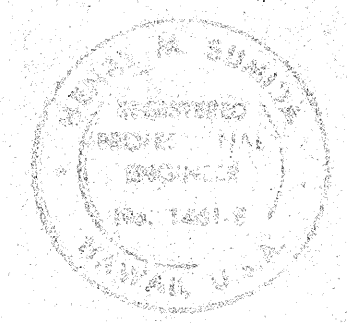
SCALE: 1" = 50' DATE: JUNE 30, 1978
SHEET NO. 6 OF 7 SHEETS

DATE	_____
SURVEY PLOTTED BY	_____
ORIGINAL PLAN	_____
DESIGNED BY	_____
TRACED BY	_____
NOTED BY	_____
CHECKED BY	_____
NO.	_____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(84)-16	1976	68A	1



NO.	DATE	REVISION
5	7-24-79	RELOCATED SERVICE ROAD
4	12-27-78	REVISED STOP SIGN
3	7-3-78	ADDED PORTABLE CONCRETE GUARD RAILS AT SALT LAKE BLVD
2	3-20-78	REVISED STRIPING FOR OUTBOUND LANES BETWEEN STATIONS 174+00 AND 185+00 ADDED SIGNS ALONG SERVICE ROAD AND PEDESTRIAN PATHWAY STRIPING
1	5-10-76	REVISED DETOUR STA. 170+00 TO 185+00 SPEED LIMIT CHANGED TO 35



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC DETOUR
STA. 170+00 TO 185+00
PHASE III

AIRPORT INTERCHANGE
F.A.I. PROJ. NO. I-HI-1(84)-16

SCALE: 1" = 50' DATE: NOV. 1, 1975

SHEET No. 5 OF 7 SHEETS

ORIGINAL	DATE
PLAN	
DESIGNED BY	
QUANTITIES BY	
NOTE BOOK	
CHECKED BY	

