

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-HI-1(193)	1986	57	62

CONSTRUCTION PHASING NOTES:

1. The Contractor shall follow the consecutive order of Construction Phasing as follows:

Phase I - Construct extension of outside edge of pavement
Sta. 168+90± to # Sta. 175+45± Inbound lanes and # Sta. 170+70± to # Sta. 177+30± Outbound lanes.

Phase II - All work specified in the plans between # Sta. 94+67± and # Sta. 192+60±. The first order of work shall be to install pavement markers and striping as indicated on the plans. Work shall begin at # Sta. 192+60± and proceed in a westerly direction.

Phase III - All work specified in the plans between H-2 Inbound, # Sta. 474+45± and # Sta. 94+67± and work on Moanalua Road. The first order of work shall install pavement markers and striping as indicated on the plans. Work shall begin at # Sta. 94+67± and proceed in a westerly direction. Requests for adjustment in sequence of phasing must be submitted in writing to and approved by the Engineer.

2. Relocation and/or removal of temporary signs, posts, delineators and portable concrete guardrail used for Construction Phasing shall be considered incidental to their respective contract items.
3. All temporary signs, delineators for the purposes of Construction Phasing shall become the property of the Contractor at the completion of the project.
4. Portable concrete guardrail panels not in use during construction work shall not be stockpiled or otherwise stored within the highway rights-of-way except at locations approved by the Engineer.
5. The Contractor shall open completed sections of the additional lane in the Inbound direction as directed by the Engineer. All permanent signs and pavement markings shall be in place prior to opening the additional lane sections.
6. The Contractor shall periodically wash down signs, delineators and portable concrete guardrail called for in the Construction Phasing plans as deemed necessary by the Engineer. This work shall be considered incidental to the various contract items and no payment will be made therefor.
7. The location of temporary pavement markings and signs, delineators and portable concrete guardrail panels shall be as shown on the plans and/or as determined in the field by the Engineer.
8. Damage to signs, temporary pavement markers, delineators and portable concrete guardrails caused by the public shall be repaired or replaced by the Contractor as directed by the Engineer. This work shall be paid for under applicable contract items. Damage caused by the Contractor's negligence shall be repaired or replaced at the Contractor's expense.

CONSTRUCTION PHASING LEGEND

- Type A Flexible Delineator Posts @ 50' o.c.
- - ■ - - Temporary 4" White Stripe Tape (Construction), 2' Lengths @ 20' o.c. w/ Temporary Type C Markers (Construction) @ 40' o.c.
- — — — — Temporary 4" Yellow Stripe Tape (Construction) w/ Temporary Type H Markers (Construction) @ 40' o.c.
- — — — — Final Pavement Markings
- - - - - Existing Pavement Markings
- ===== Portable Concrete Guardrails
- //// Work Area

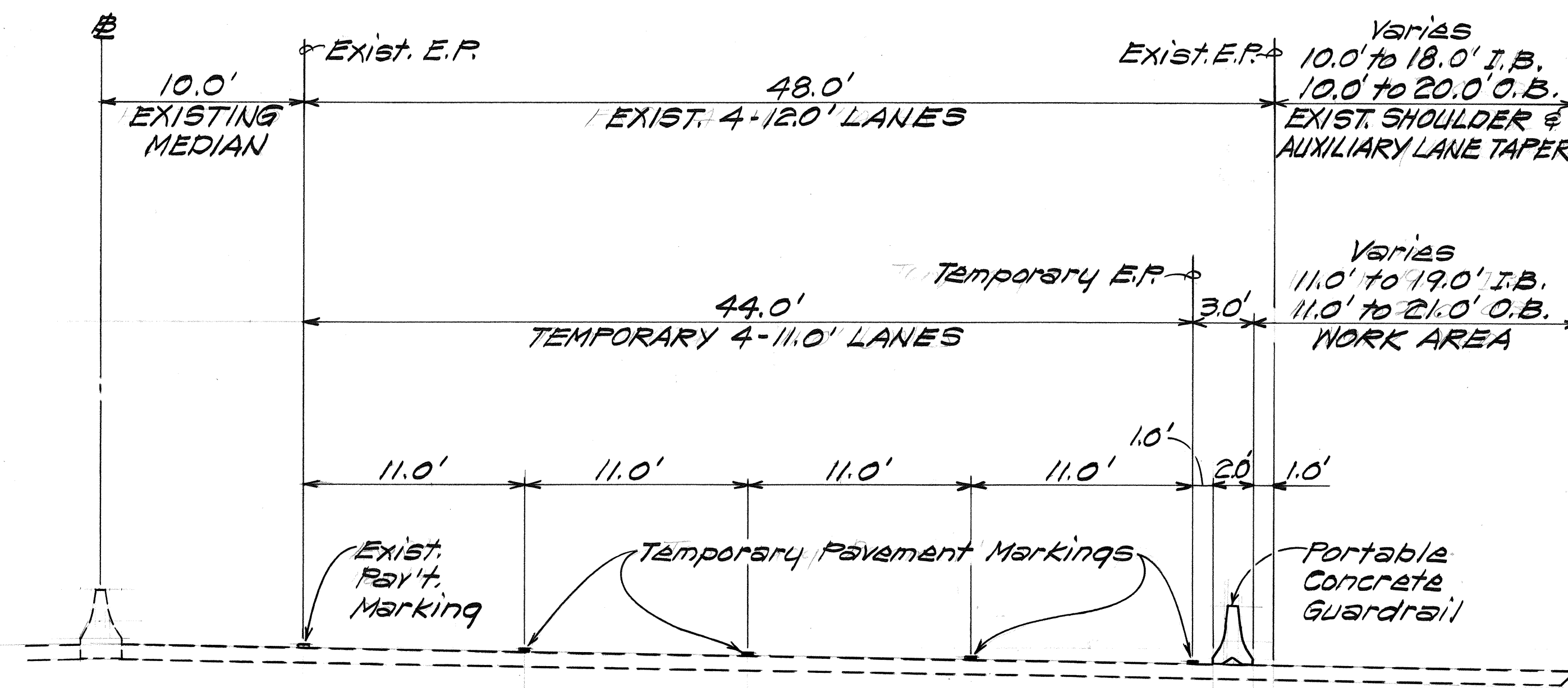
9. Work specified in the State's Construction Phase Plan will be paid under applicable contract items or as otherwise specified herein. All other traffic control work shall be in accordance with Section 645 - Traffic Control and Subsection 629.03(B) - Traffic Control of the Special Provisions.
10. Advance Construction Warning signs as required under Section 645 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.
11. The Contractor's attention is directed to Section 104 - Scope of Work, Subsection 107.13 - Public Convenience and Safety, and Subsection 108.08 - Failure to Complete on Time and Liquidated Damages of the Special Provisions.

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

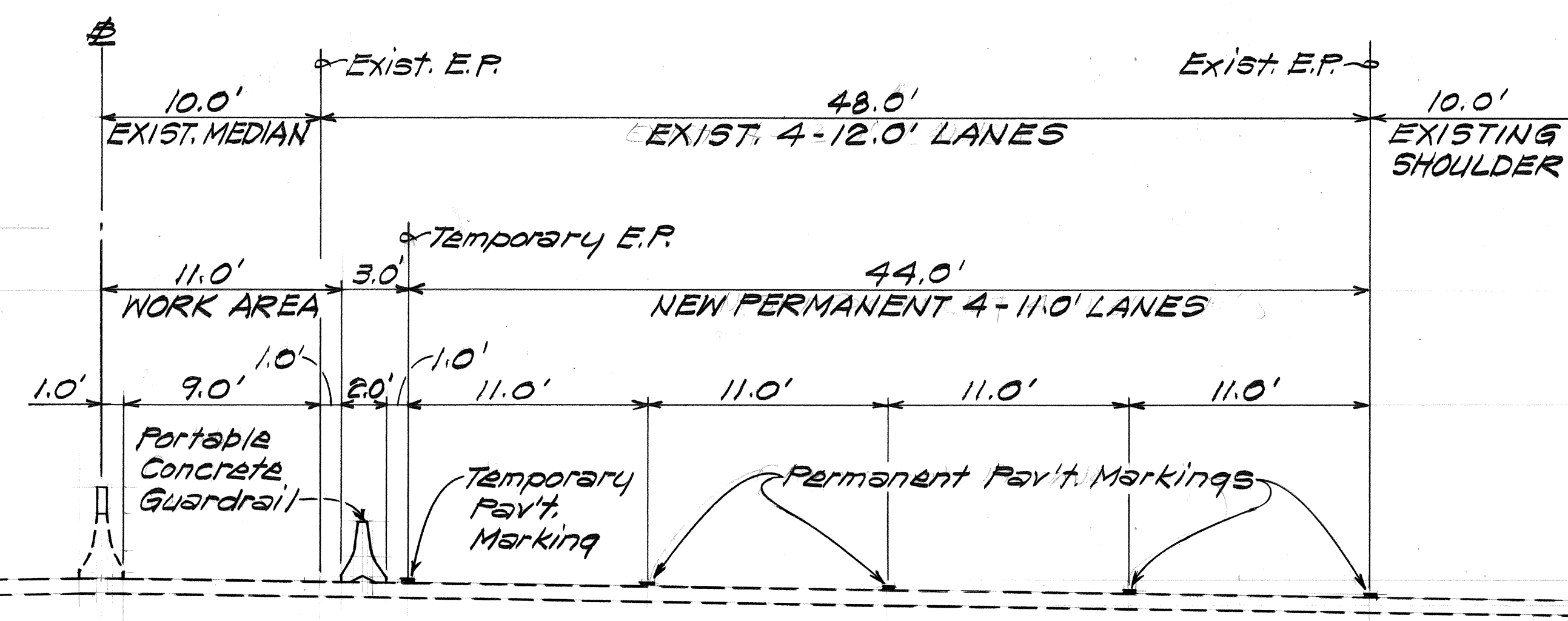
6/1/86	Revised Note 1.
DATE	REVISION

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
CONSTRUCTION PHASE NOTES & LEGEND
INTERSTATE ROUTE H-1 ADDITIONAL LANES
FAI PROJ. NO. IR-HI-1(193)
Scale: As Shown Date: Dec., 1985
SHEET NO. 1 OF 6 SHEETS

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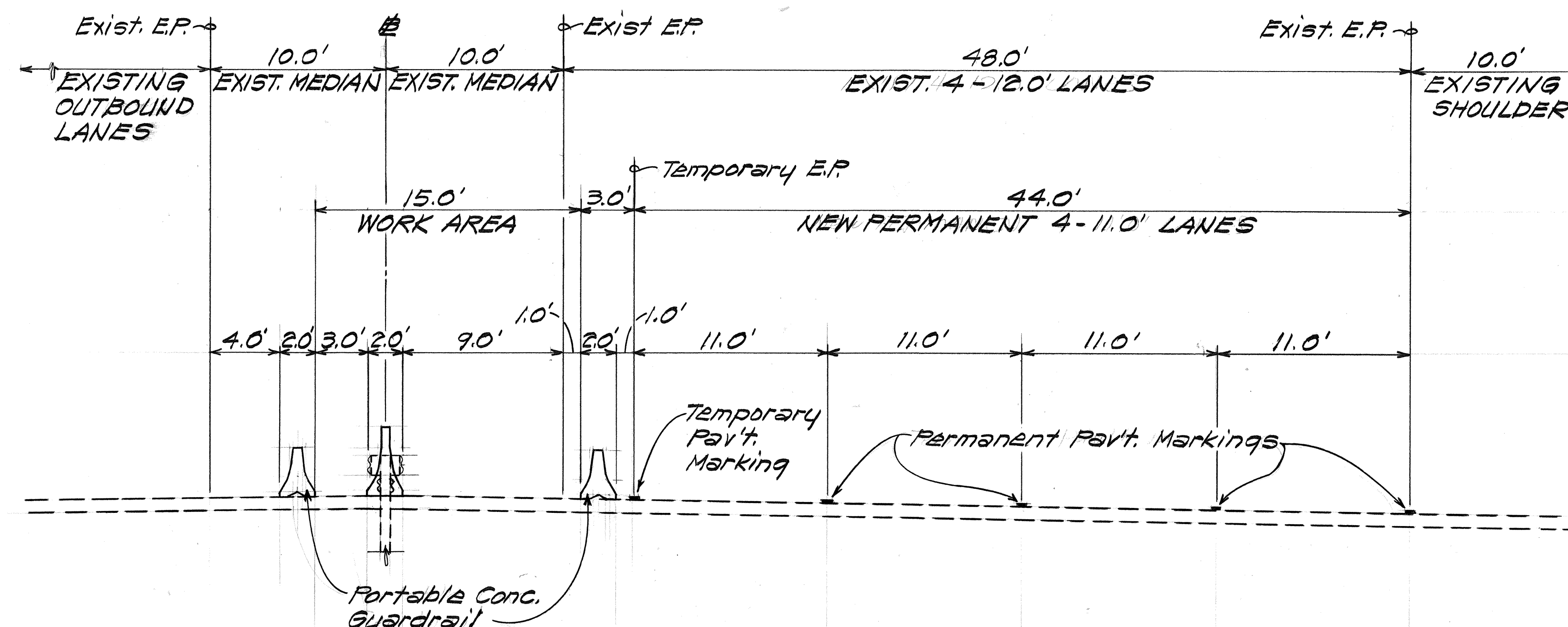


**TYPICAL SECTION~
CONSTRUCTION PHASE I**
Scale: 3/16" = 1'-0"



NOTE: Work symmetrical about Baseline each side.

**TYPICAL SECTION~
CONSTRUCTION PHASE II**
Scale: 3/16" = 1'-0"



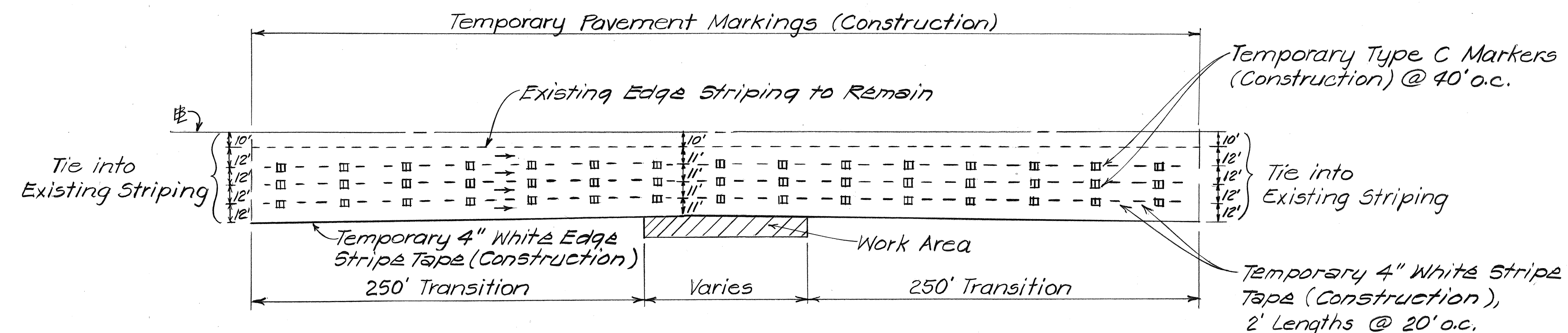
**TYPICAL SECTION~
CONSTRUCTION PHASE III**
Scale: 3/16" = 1'-0"

NOTE: For work between Sta. 62+07± to Sta. 97+67±, see Typical Section-Construction Phase II

DATE	REVISION
7/1/86	Added Note to Typical Section-Construction Phase III

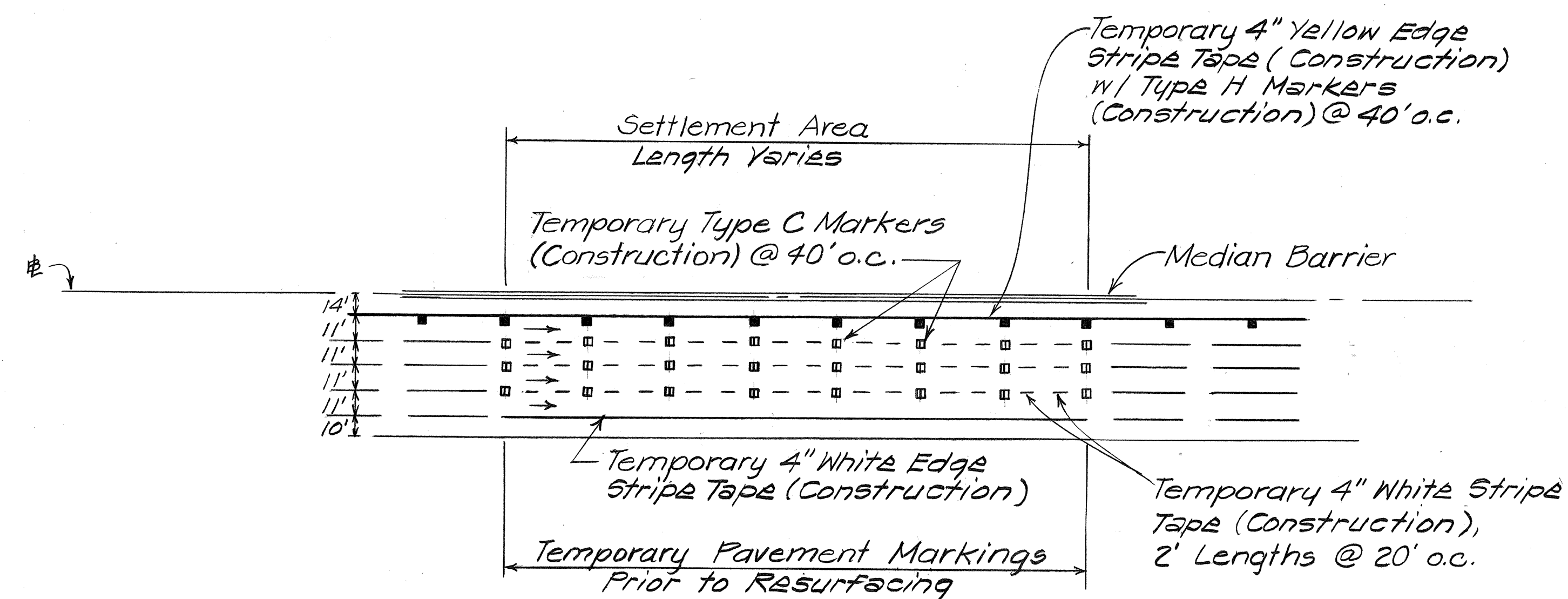
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION CONSTRUCTION PHASE TYPICAL SECTIONS INTERSTATE ROUTE H-1 ADDITIONAL LANES F.A.I. Proj. No. IR-HI-1(193) Scale: As Shown Date: Nov, 1985 SHEET No. 2 OF 6 SHEETS

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CONSTRUCTION PHASE I - TRAFFIC CONTROL

Scale: 1"=50'-0"



CONSTRUCTION PHASE II - TYPICAL SETTLEMENT AREA TEMPORARY STRIPING

Sta. 102+44± to 111+04± I.B. & O.B. Lanes
 # Sta. 144+84± to 149+64± I.B. & O.B. Lanes
 # Sta. 162+70± to 168+70± I.B. Lane

Not to Scale

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

CONSTRUCTION PHASE TRAFFIC CONTROL

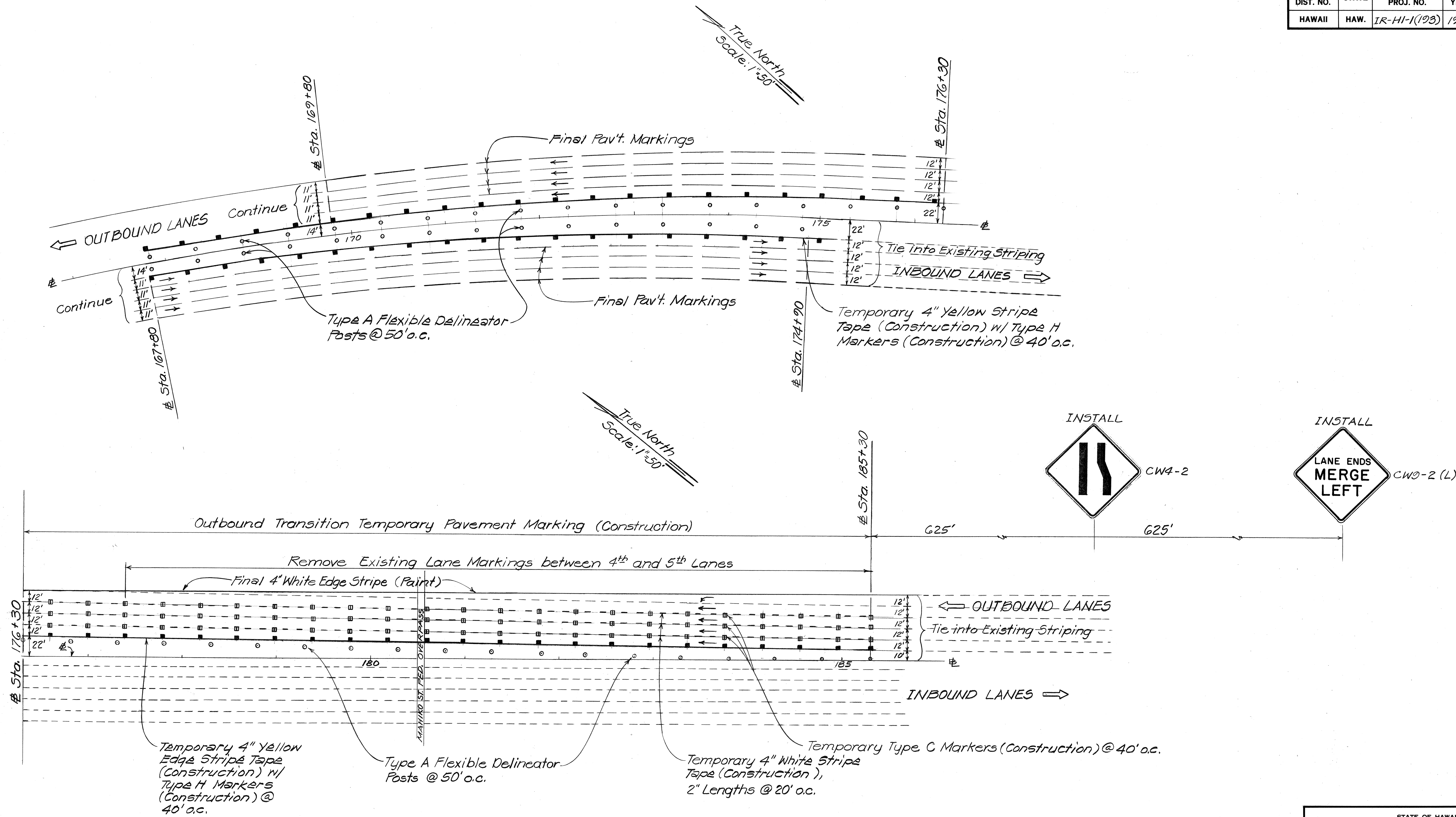
INTERSTATE ROUTE H-1
 ADDITIONAL LANES
 FAI PROJ. NO. IR-HI-1(193)

Scale: As Shown Date: Dec., 1985

SHEET No. 3 OF 6 SHEETS

ORIGINAL PLAN	DATE
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ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
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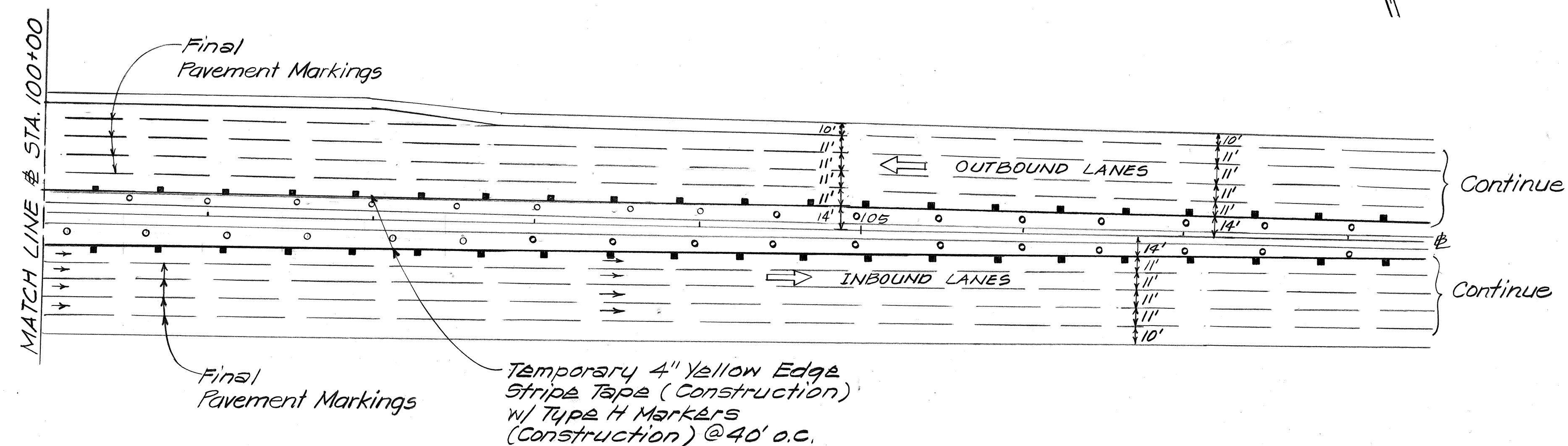
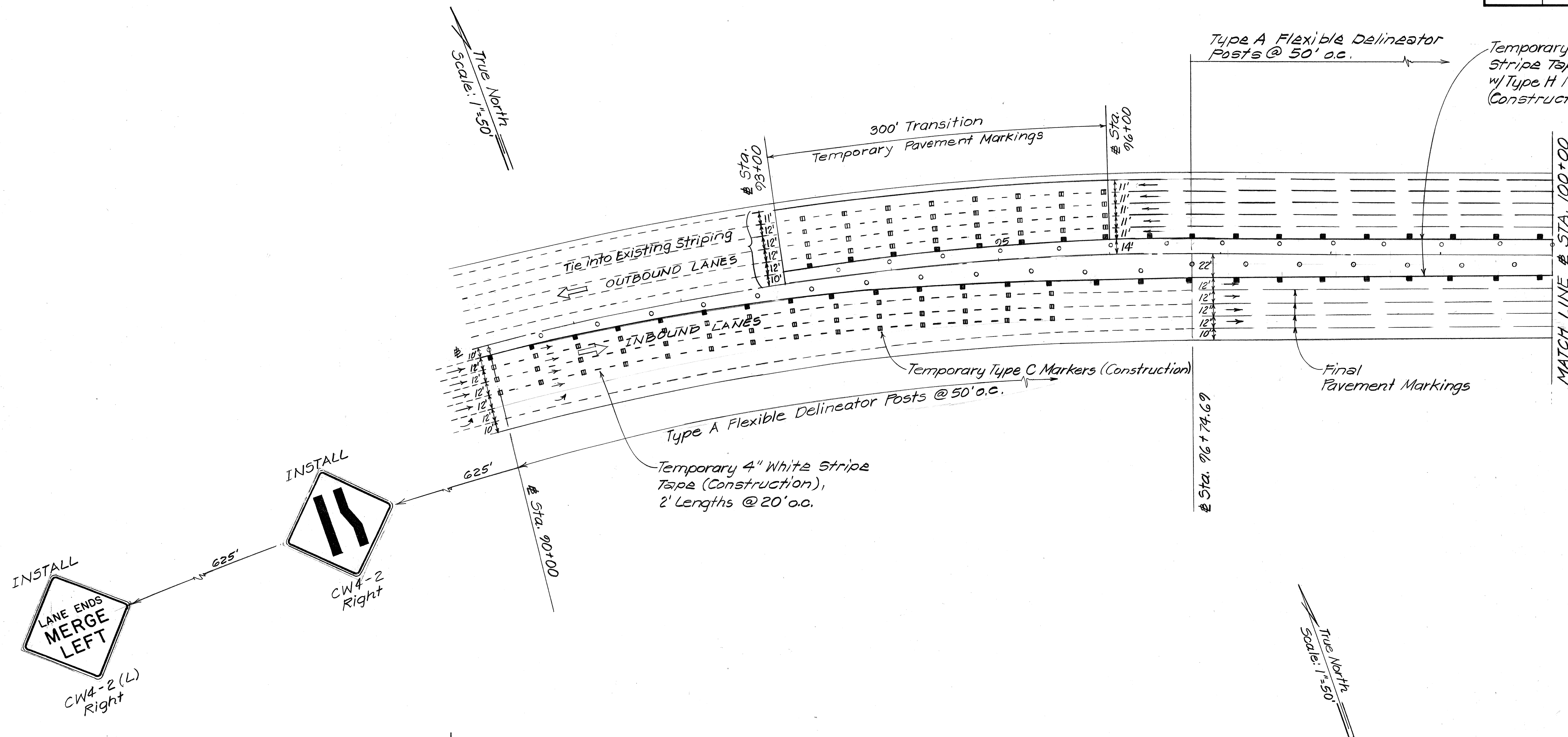
CONSTRUCTION PHASE II - TRAFFIC CONTROL
Scale: 1" = 50'

1/7/86	Indicated Delineators @ Sta. 167+80 to Sta. 176+30.
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION PHASE
TRAFFIC CONTROL
INTERSTATE ROUTE H-1
ADDITIONAL LANES
FAI PROJ. NO. IR-HI-1(193)
Scale: As Shown Date: Dec. 1985
SHEET No. 4 OF 6 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-HI-1(193)	1986	61	62



CONSTRUCTION PHASE II - TRAFFIC CONTROL
Scale: 1"=50'-0"

7/1/86	Revised Outb. Pavt. Markings @ Sta. 93+00± to 105+00±
Date	Revision

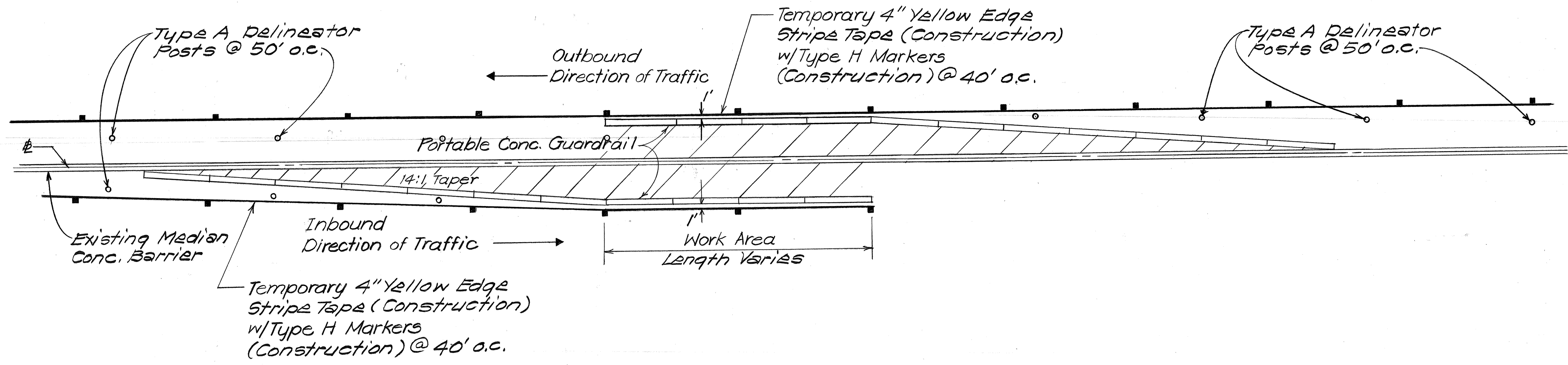
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**CONSTRUCTION PHASE
TRAFFIC CONTROL**

INTERSTATE ROUTE H-1
ADDITIONAL LANES
FAI PROJ. NO. IR-HI-1(193)

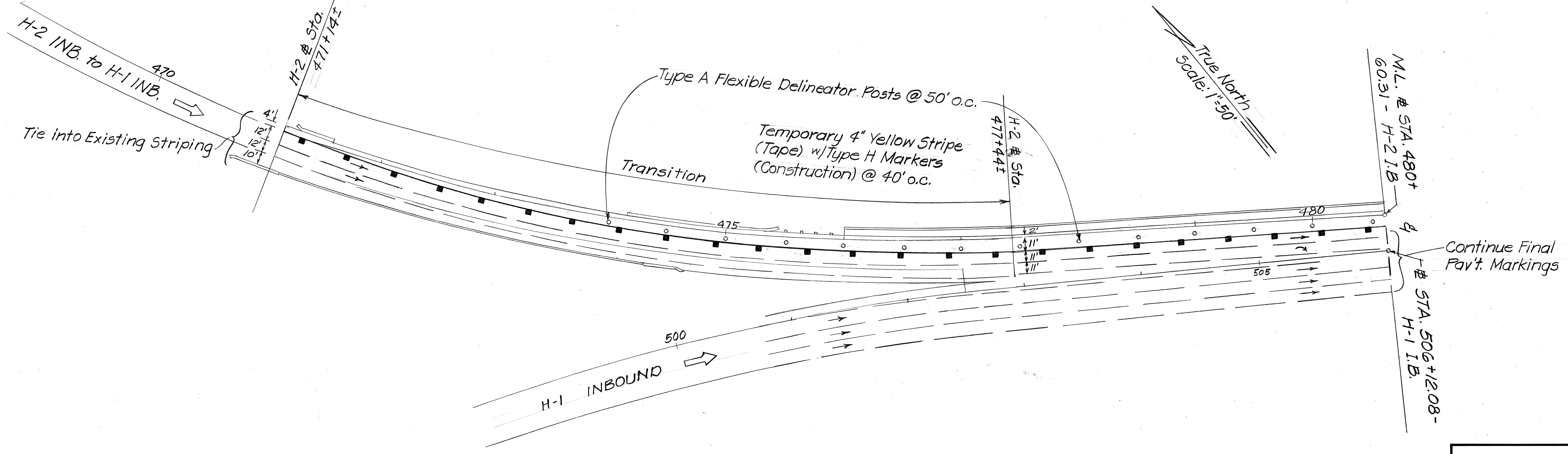
Scale: As Shown Date: Dec. 1985
SHEET NO. 5 OF 6 SHEETS

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TYPICAL PORTABLE CONCRETE GUARDRAIL @ WORK AREA

Scale: 1" = 20'-0"



CONSTRUCTION PHASE III - TRAFFIC CONTROL

Scale: 1" = 50'-0"

7/1/86	Revised H-2 Inb. Lanes - H-1 Inb. Lanes Connection
1/7/86	Revised Construction Phase III - Traffic Control
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION PHASE
TRAFFIC CONTROL
INTERSTATE ROUTE H-1
ADDITIONAL LANES
FAI PROJ. NO. IR-HI-1(193)
Scale: As Shown Date: Dec., 1985
SHEET NO. 6 OF 6 SHEETS

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