

CONSTRUCTION PHASING NOTES:

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

Phase IA (H-2 Inbound Ramp):

Construct new P.C.C. pavement in right shoulder from H-2 I.B. @ Sta. 442+95± to H-2 I.B. @ Sta. 457+76±. Reconstruct right A.C. shoulder from H-2 I.B. @ Sta. 465+30± to H-2 I.B. @ Sta. 471+25±.

Phase IB (H-2 Inbound Ramp):

Construct new P.C.C. pavement in median shoulder; construct drainage and guardrail improvements; install traffic signs and final pavement markings from H-2 I.B. @ Sta. 440+00± to H-2 I.B. @ Sta. 477+50±.

Phase II (H-1 Outbound Lanes):

Complete all work specified in the plans in the outbound lanes. The last order of work for Phase II shall be the restriping and grooving of the outbound lanes on the Pearl City Viaduct.

Any requests for adjustments in sequence of Construction Phasing must be submitted in writing and approved by the Engineer. The Contractor's attention is directed to Subsection 108.08 - Failure to Complete on Time and Liquidated Damages of the Special Provisions.

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. All pavement markers used in Construction Phasing shall be installed with Bituminous Adhesive. The temporary tape used shall meet the requirements as specified in Subsections 712.53(A), (B), (C), (D) & (E) of the Standard Specification.

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 therefore.

7. The location of pavement markings and signs, delineators and portable concrete guardrail panels used in the Construction Phasing shall be as shown on the plans and/or as determined in the field by the Engineer.

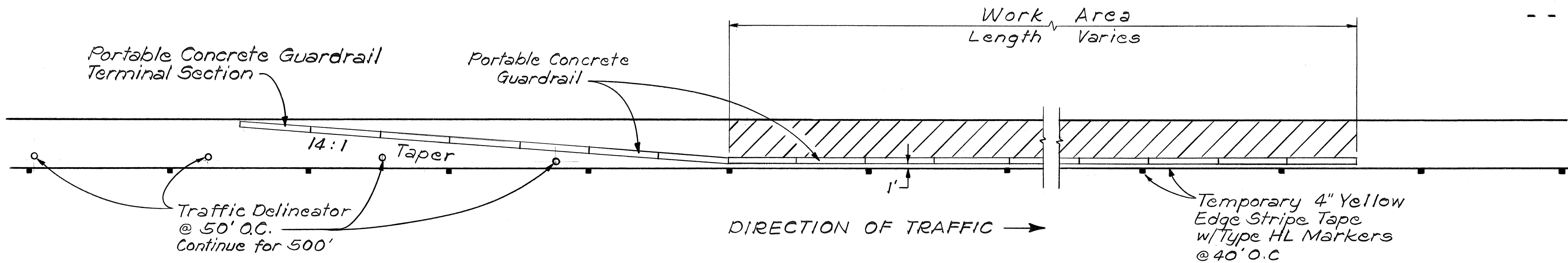
8. Damage to signs, temporary pavement marker, delineators and portable concrete guardrails caused by the public shall be repaired or replaced by the Contractor as directed by the Engineer. This work shall be paid for under applicable contract items. Damage caused by the Contractor's negligence shall be repaired or replaced at the Contractor's expense.

9. Work required 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. 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 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.

10. The Contractor's attention is directed to Section 104 - Scope of Work and Subsection 107.13 - Public Convenience and Safety of the Special Provisions.

CONSTRUCTION PHASING LEGEND

- Traffic Delineator @ 50' O.C., unless otherwise specified in the plans.
- 4 Each Type A Raised Pavement Markers
- Type CL Raised Pavement Markers @ 40' O.C.
- Temporary 4" Yellow Stripe Tape w/ Type HL Markers @ 40' O.C.
- Final Pavement Markings
- Portable Concrete Guardrails
- Work Area
- Pav't. Reconstruction Area in Phase IA where all material excavated to be replaced with new pavement within the same day.
- 4" White Temporary Tape 2' Long @ 6' O.C.



TYPICAL PORTABLE CONCRETE GUARDRAIL AT WORK AREA

Scale: 1" = 20'

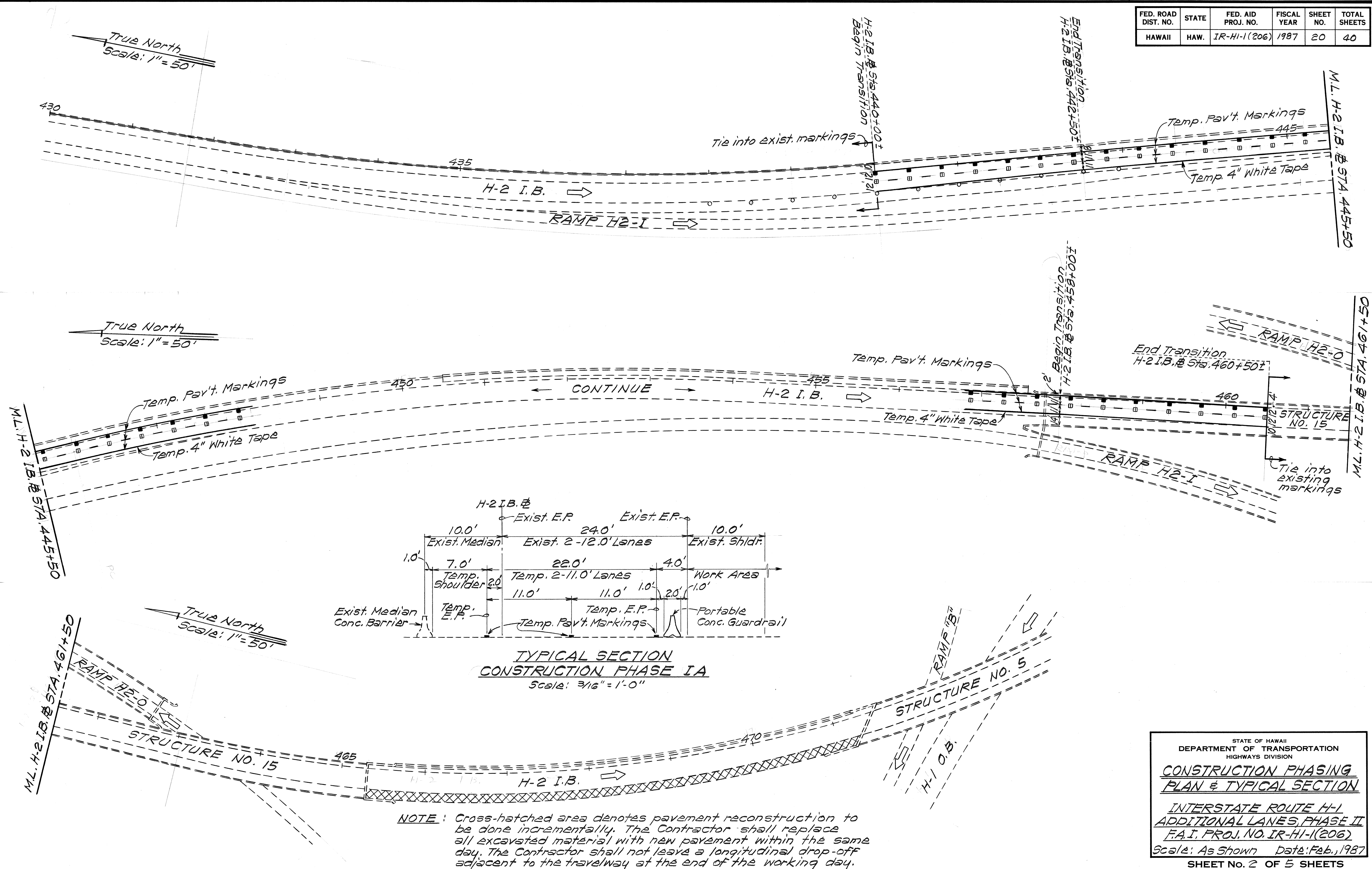
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | IR-HI-1 (206)      | 1987        | 19        | 40           |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**CONSTRUCTION PHASING  
NOTES, LEGEND & DETAIL**

INTERSTATE ROUTE H-1  
ADDITIONAL LANES PHASE II  
F.A.I. PROJ. NO. IR-HI-1(206)  
Scale: As Noted Date: Feb 1987  
SHEET NO. 1 OF 5 SHEETS

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | IR-HI-1(206)       | 1987        | 20        | 40           |



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

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**CONSTRUCTION PHASING  
PLAN & TYPICAL SECTION**

INTERSTATE ROUTE H-1  
ADDITIONAL LANES, PHASE II  
F.A.I. PROJ. NO. IR-HI-1(206)

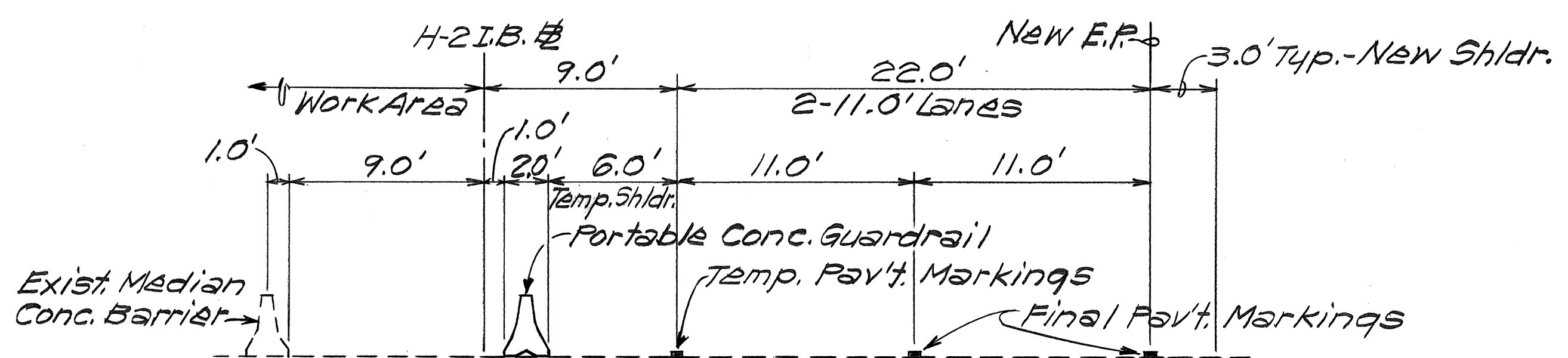
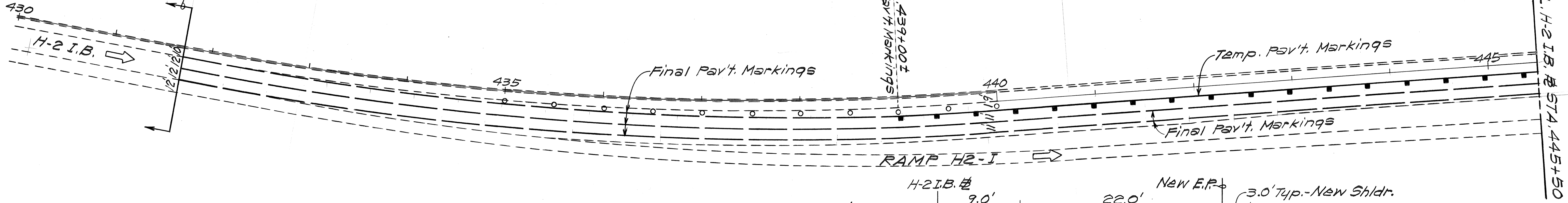
Scale: As Shown Date: Feb., 1987

SHEET No. 2 OF 5 SHEETS

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | IR-HI-1(206)       | 1987        | 21        | 40           |

True North  
Scale: 1" = 50'

Tie into exist. markings



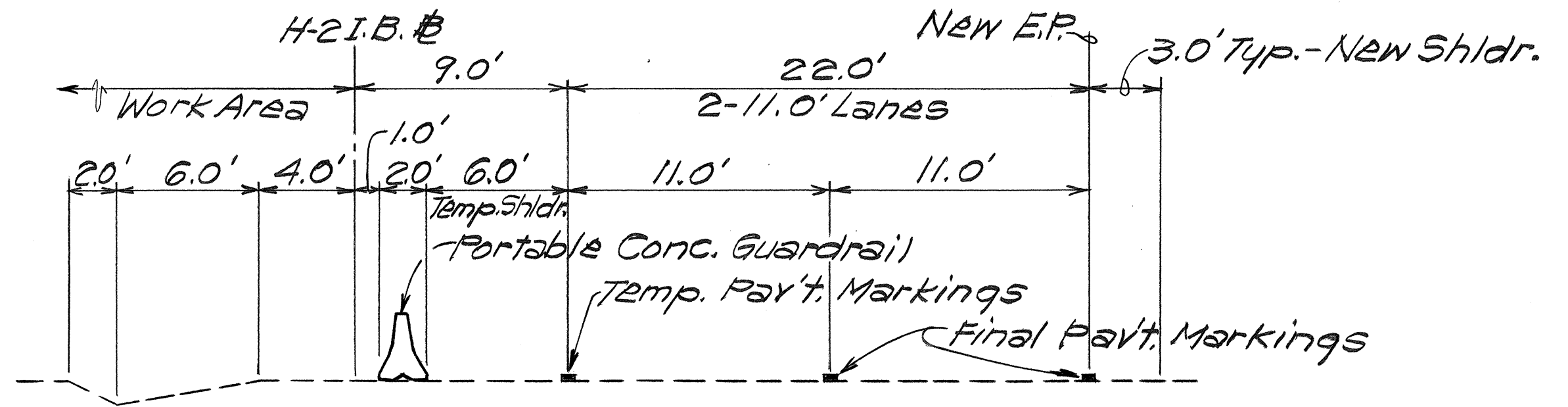
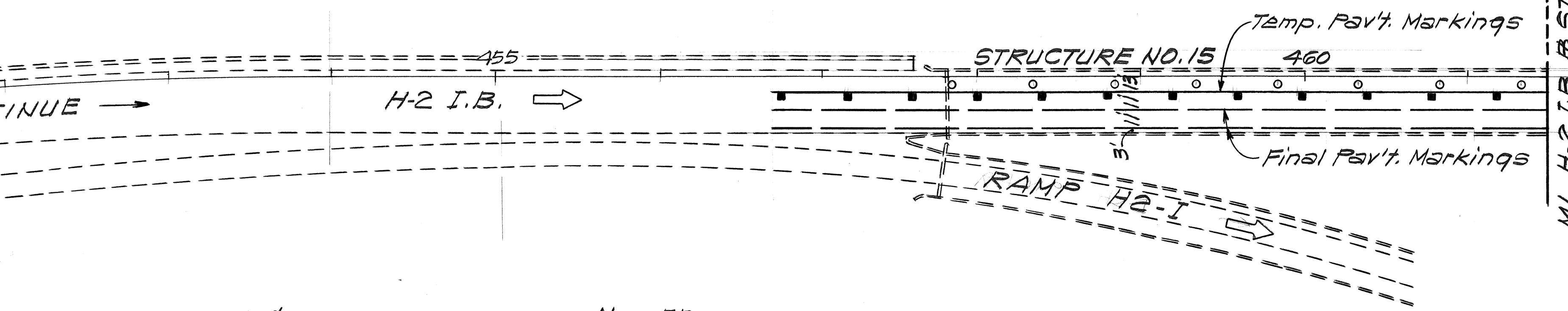
**TYPICAL SECTION  
CONSTRUCTION PHASE IB**  
H-2 I.B. # STA. 439+00± TO H-2 I.B. # STA. 450+50±  
Scale: 3/16" = 1'-0"

True North  
Scale: 1" = 50'

Temp. Pav't. Markings  
Final Pav't. Markings

M.L. H-2 I.B. # STA. 445+50

CONTINUE



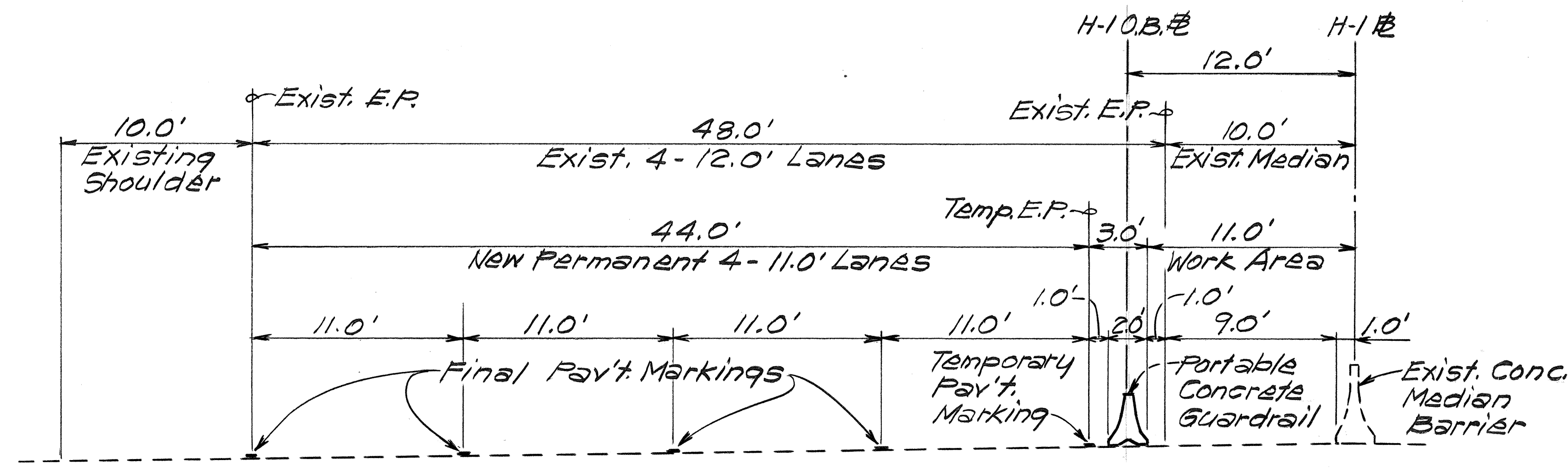
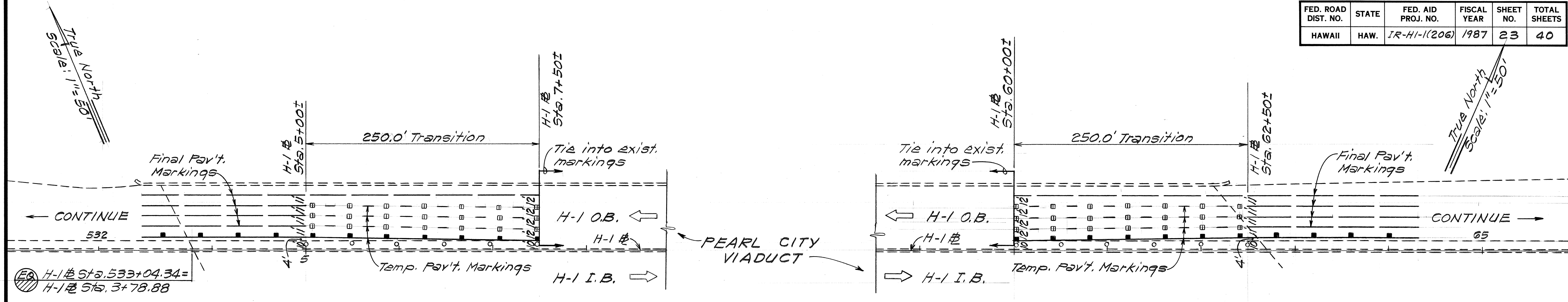
**TYPICAL SECTION  
CONSTRUCTION PHASE IB**  
H-2 I.B. # STA. 450+50± TO H-2 I.B. # STA. 457+76±  
Scale: 3/16" = 1'-0"

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**CONSTRUCTION PHASING  
PLAN & TYPICAL SECTION**  
INTERSTATE ROUTE H-1  
ADDITIONAL LANES, PHASE II  
F.A.I. PROJ. NO. IR-HI-1(206)  
Scale: As Shown Date: Feb, 1987  
SHEET No. 3 OF 5 SHEETS

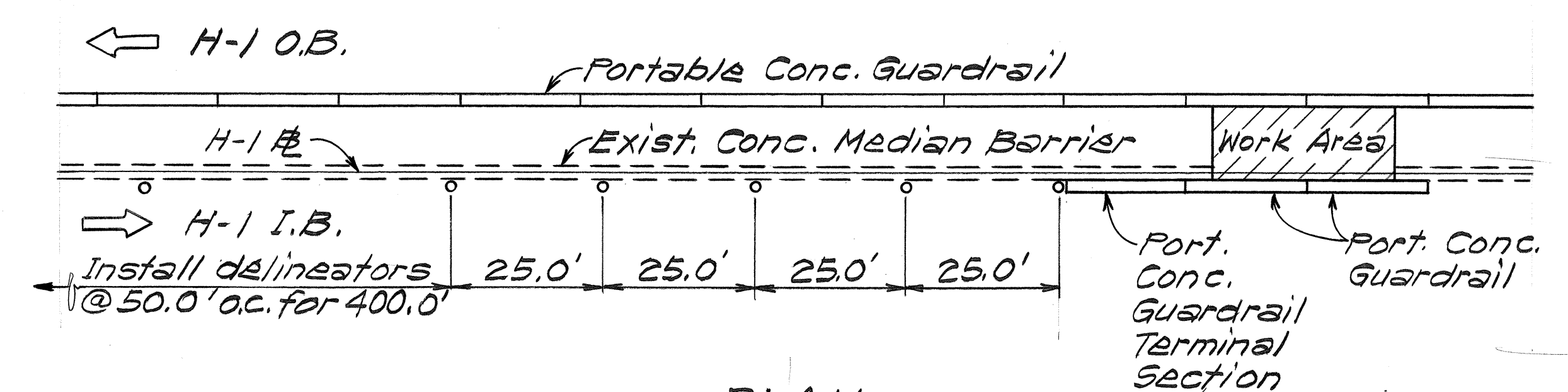
|                   |      |
|-------------------|------|
| SURVEY PLOTTED BY | DATE |
| DRAWN BY          |      |
| DESIGNED BY       |      |
| QUANTITIES BY     |      |
| CHECKED BY        |      |
| ORIGINAL PLAN     |      |
| NOTE BOOK         |      |
| NO.               |      |



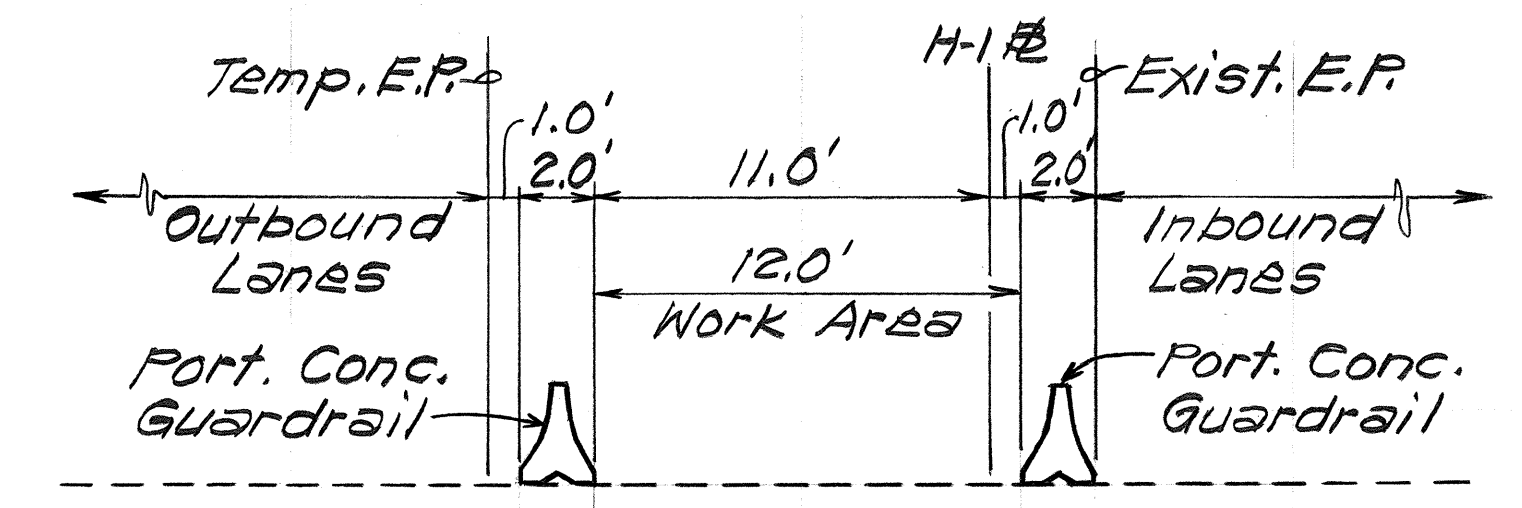
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | IR-HI-1(206)       | 1987        | 23        | 40           |



**TYPICAL SECTION**  
**CONSTRUCTION PHASE II**  
 H-1 O.B. STA. 521+00± TO H-1 STA. 533+04±  
 H-1 STA. 62+97± TO H-1 STA. 99+00±  
 Scale: 3/16"=1'-0"



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



**TYPICAL SECTION**  
 Scale: 3/16"=1'-0"

**TYP. PORT. CONC. GUARDRAIL DETAILS FOR**  
**CONSTRUCTING NEW CATCH BASINS AT**  
 H-1 STAS. 75+25, 77+35, 79+50, 96+00 & 97+50

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

**CONSTRUCTION PHASING**  
**PLAN & TYPICAL SECTION**

**INTERSTATE ROUTE H-1**  
**ADDITIONAL LANES, PHASE II**  
 F.A.I. PROJ. NO. IR-HI-1(206)

Scale: As Shown Date: Feb., 1987  
 SHEET No. 5 OF 5 SHEETS