

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-H2-1(27)	1992	43	223

CONSTRUCTION PHASING NOTES

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

Phase A - Inbound Outer Pavement Widening

Grading, reconstruct existing P.C.C. pavement, construct new P.C.C. pavement, concrete retaining walls, and drainage and guardrail improvements in existing inbound outer lane and shoulder areas from Sta. 247+00 to Sta. 357+00.

Phase B - Outbound Outer Pavement Widening

Grading, reconstruct existing P.C.C. pavement, construct new P.C.C. pavement, concrete retaining walls, and drainage and guardrail improvements in existing outbound outer lane and shoulder areas from O.B. Sta. 208+68.95 to O.B. Sta. 354+05.

Phase C - Construction in Median Area

Construct A.C. and P.C.C. pavement, new HOV enforcement lanes, drainage improvements and concrete median barriers. Remove and replace glare screens on existing median barriers, grading and landscaping.

Phase C1 - Sta. 191+03 to Sta. 255+40

Construct new concrete median barriers, A.C. and P.C.C. pavement, drainage improvements and concrete glare screens on existing median barriers.

Phase C2 - Sta. 255+40 to Sta. 302+20

Remove and replace glare screens on existing median barriers.

Phase C3 - I.B. Sta. 309+50 to I.B. Sta. 359+00

- O.B. Sta. 307+40 to O.B. Sta. 359+00

Grading and hydro-mulch seeding, construct A.C. and P.C.C. pavement and drainage improvements, remove and replace existing median barriers.

Phase C4 - I.B. Sta. 359+00 to I.B. Sta. 400+72

- O.B. Sta. 379+00 to O.B. Sta. 399+66.13

Grading and landscaping, construct A.C. and P.C.C. pavement and drainage improvements, remove and replace existing median barriers.

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. Traffic delineators used during Construction Phasing will be paid for under Item No. 644.1010, Type A Flexible Delineator Post.
3. Relocation and/or removal of temporary signs, posts and portable concrete guardrails used for Construction Phasing shall be considered incidental to their respective contract items.
4. All temporary signs, delineators for the purposes of Construction Phasing shall become the property of the Contractor at the completion of the project.
5. The Contractor shall delete the use of the ground anchorage steel pin for State Furnished Portable Concrete Guardrail.
6. 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.

7. The Contractor shall periodically wash down signs, delineators and portable concrete guardrails 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.

8. 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.

9. 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 Item No. 645.0200-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.

10. Work required in the State's Construction Phase 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 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. Work required for Outer Lane Closure for Reconstruction of Existing P.C.C. Pavement will be paid under applicable contract items or as otherwise specified herein. Construction signs and Flaming Arrow Signal used specifically for Reconstruction of Existing P.C.C. Pavement shall be paid for under Item No. 645.0200-Police Officers and/or Additional Traffic Control Devices.

DATE	_____
DESIGNED BY	_____
CHECKED BY	_____
NOTED BY	_____
QUANTITY BY	_____
ORIGINAL PLAN	_____

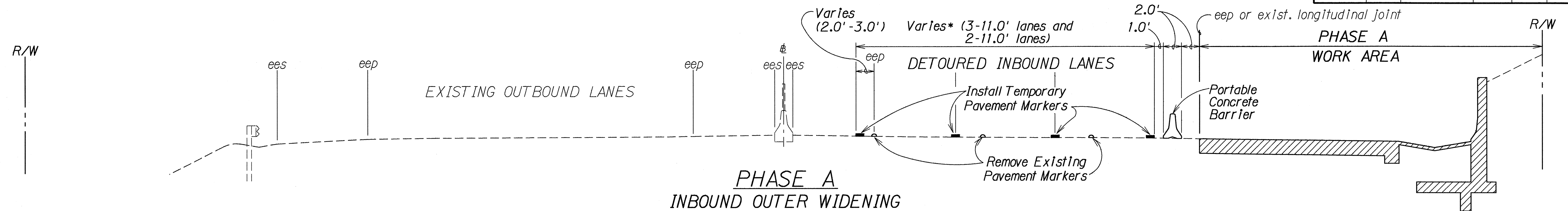
8/7/92 Revised Notes #1 & #9  
and added Note No. 11.

DATE

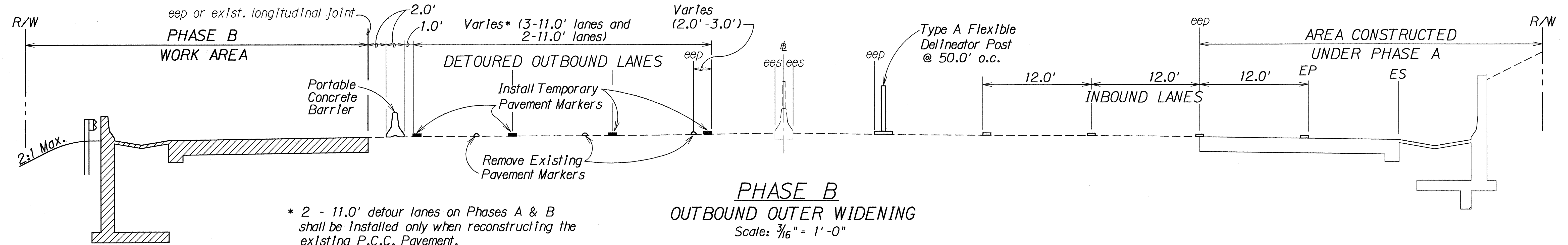
REVISION

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION <b>CONSTRUCTION</b> <b>PHASING NOTES</b> INTERSTATE RTE. H-2, HOV LANES, PH. II Mililani Interchange to Waipio Interchange F.A.I. PROJECT NO. IR-H2-1(27) Date: April, 1992
SHEET No. 1 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-H2-1(27)	1992	44	223

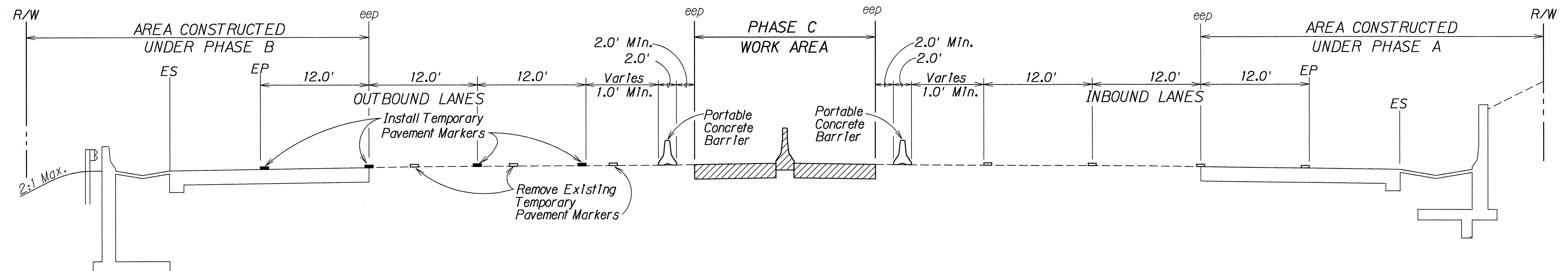


**PHASE A**  
**INBOUND OUTER WIDENING**  
Scale:  $\frac{3}{16}" = 1' - 0"$



**PHASE B**  
**OUTBOUND OUTER WIDENING**  
Scale:  $\frac{3}{16}" = 1' - 0"$

\* 2 - 11.0' detour lanes on Phases A & B shall be installed only when reconstructing the existing P.C.C. Pavement.



**PHASE C**  
**MEDIAN WIDENING**  
Scale:  $\frac{3}{16}" = 1' - 0"$

NOTE: See Construction Phasing Note No. 1, Plan Sht. No. ADD.43, for Phase C sequence.

8/7/92	Revised Phases A & B Typical Section.
DATE	REVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**CONSTRUCTION PHASING**  
**TYPICAL SECTIONS**

INTERSTATE RTE. H-2, HOV LANES, PH. II  
Mililani Interchange to Waipio Interchange  
F.A.I. PROJECT NO. IR-H2-1(27)

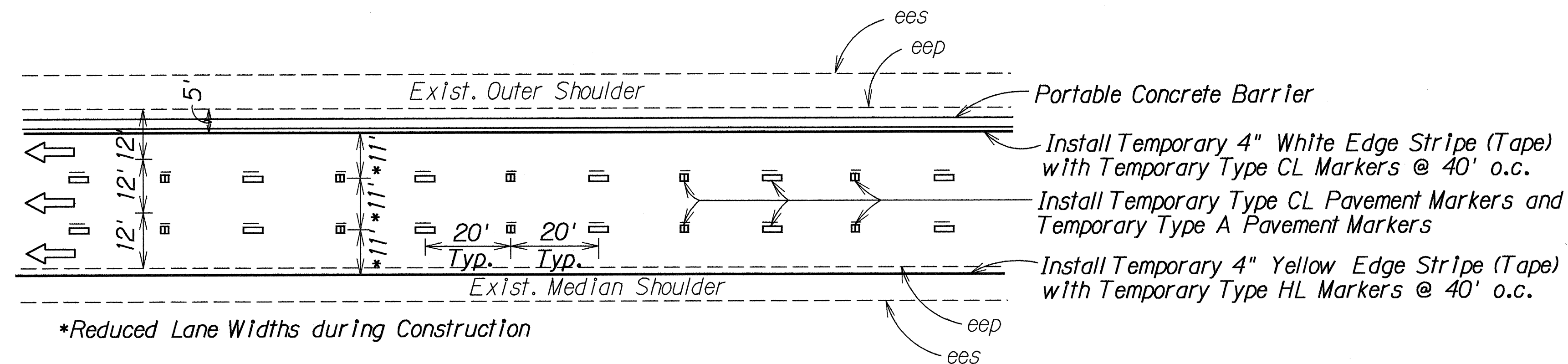
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SHEET No. 2 OF 3 SHEETS

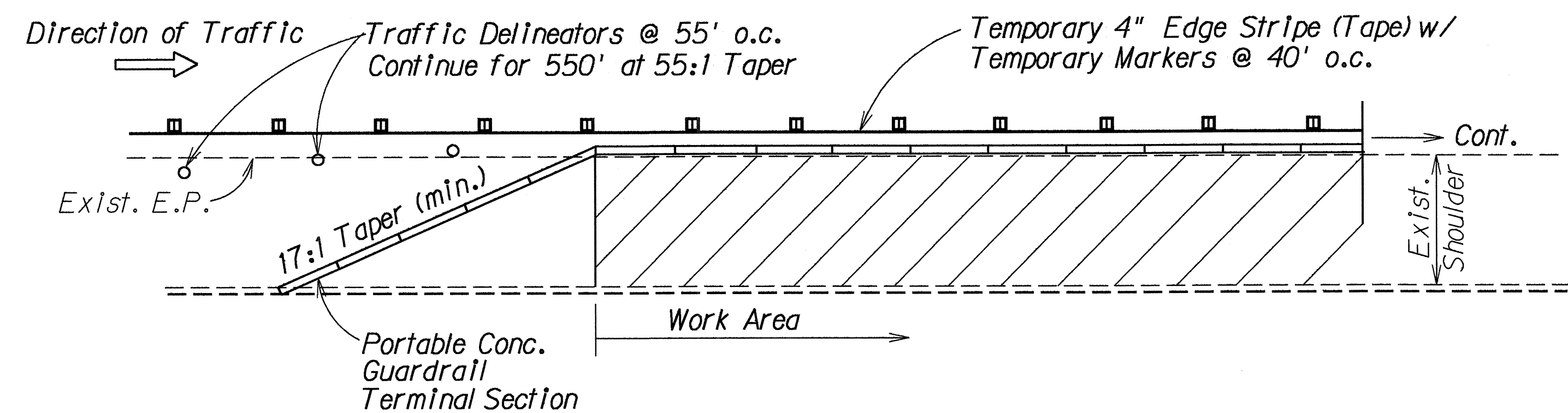
DESIGNED BY	DATE
NOTED BY	
CHECKED BY	
APPROVED BY	
ORIGINAL PLAN	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	



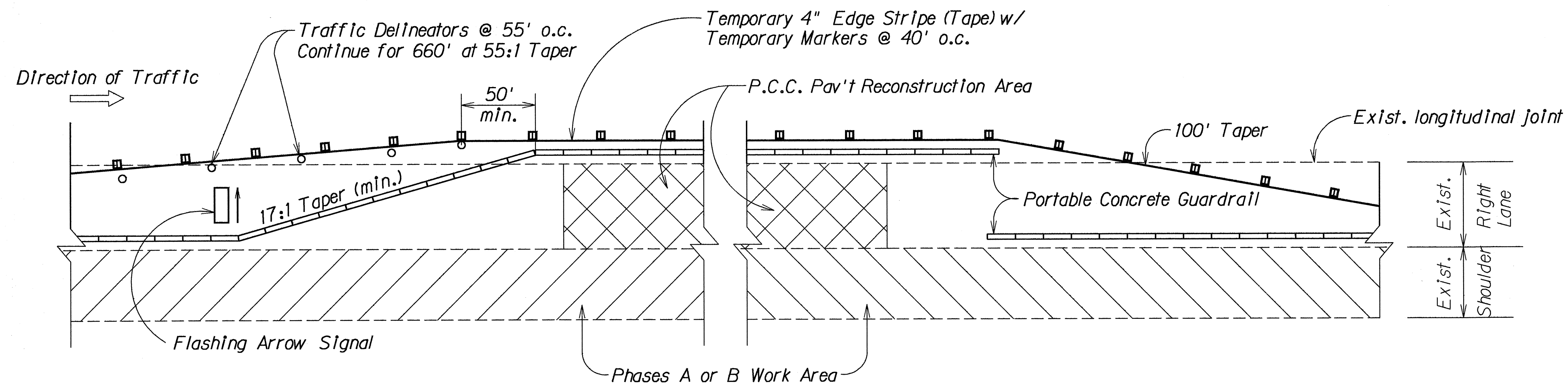
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-H2-1(27)	1992	45	223



**TEMPORARY PAVEMENT MARKINGS  
DURING CONSTRUCTION**  
Not to Scale



**PORTABLE GUARDRAIL TAPER AT SHOULDER  
WORK AREAS TYPICAL DETAIL**  
Not to Scale



Note: See Section 645 for additional signing

**LANE CLOSURE AT P.C.C. PAVEMENT RECONSTRUCTION AREA  
TYPICAL TRAFFIC CONTROL PLAN**  
Not to Scale

8/7/92 Added typical traffic control plan for outer lane closure. Revised typical detail for portable guard rail taper.

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**CONSTRUCTION PHASING  
TYPICAL DETAILS**

INTERSTATE RTE. H-2, HOV LANES, PH. II  
Mililani Interchange to Waipio Interchange  
F.A.I. PROJECT NO. IR-H2-1(27)

Date: April, 1992

DATE REVISION SHEET No. 3 OF 3 SHEETS