

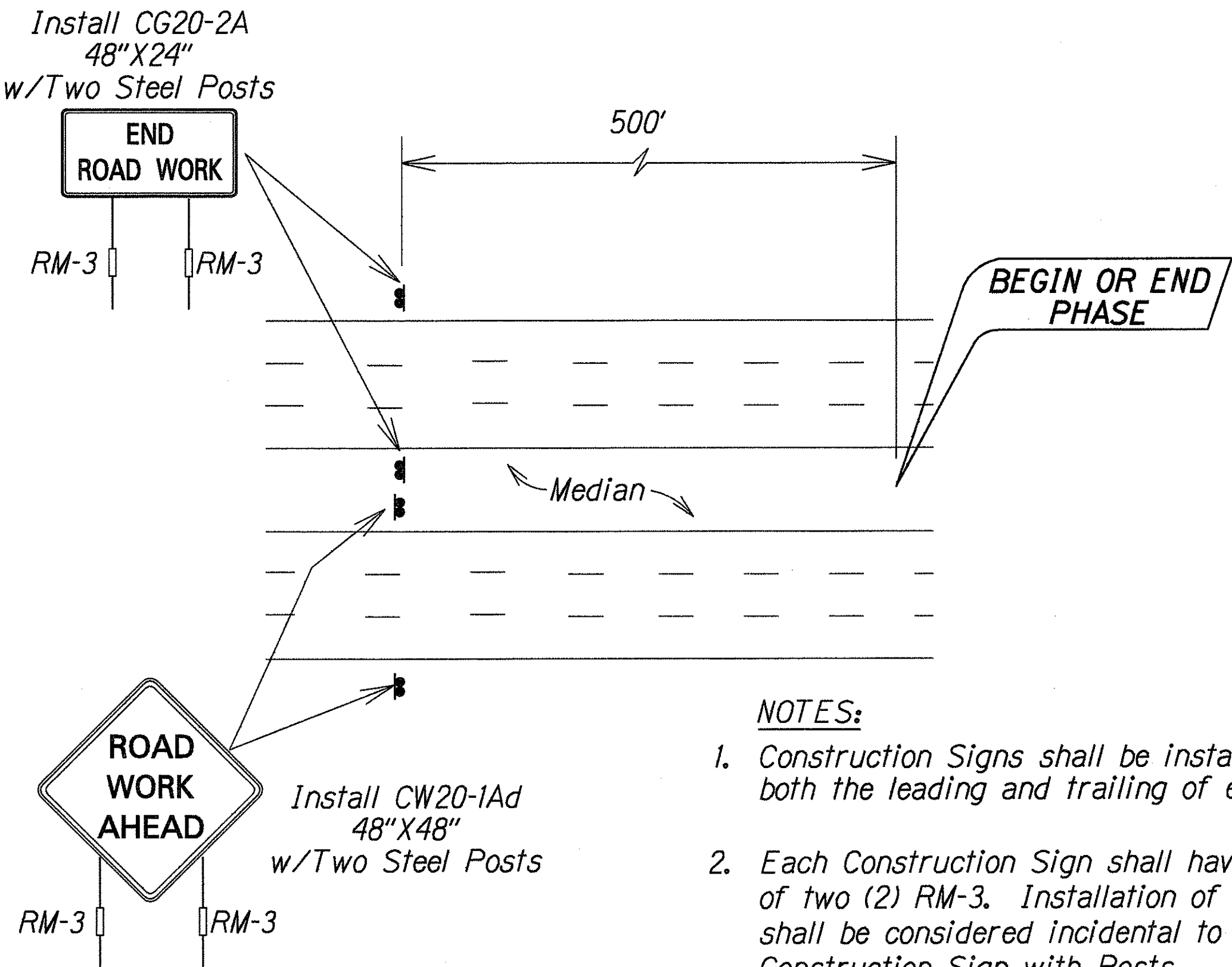
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-K(228)	1999	ADD 57	82

CONSTRUCTION PHASING NOTES

- Any requests for adjustments in sequence of Construction Phasing shall 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.
- Relocation and/or removal of Construction signs, posts and portable concrete barriers used for Construction Phasing shall be considered incidental to their respective contract items.
- All Construction signs and delineators for the purposes of Construction Phasing shall become the property of the Contractor at the completion of the project.
- The Contractor shall delete the use of the ground anchorage steel pin for State Furnished Portable Concrete Barrier.
- Portable concrete barrier 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.
- The Contractor shall periodically wash down signs, delineators and portable concrete barriers 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.
- 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.
- Damage to signs, temporary pavement markers, delineators, barricades, sand barrels, lamps and portable concrete barriers 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. 645.0200 - Police Officers and/or Additional Traffic Control Devices. Damage caused due to the Contractor's action shall be repaired or replaced at the Contractor's expense.
- 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.
- Install Steady Burn Amber Lamps on portable concrete barrier @ 20.0' o.c. Installing, maintaining and changing batteries of the Portable Mounted Steady Burn Amber Lamps shall be considered incidental to Item No. 606.4230 - State Furnished Portable Concrete Barrier (Intermediate Panel).
- The Contractor shall not restrict the use of the shoulder lane, as shown in Construction Phase II, except during the year where traffic volumes are at a minimum such as the Summer months.
- The Type II Barricades with steady burn amber lamp used during Construction Phase shall be considered incidental to the various contract items.

LEGEND

- Portable Concrete Barrier
- Construction Area
- Temporary Pavement
- 4 each Type A Raised Pavement Markers
Type C Raised Pavement Markers @ 40'-0" o.c.
- 8" Yellow Construction Edge Stripe with Type H Raised Pavement Markers @ 40'-0" o.c. (Tape, Type II)
- 8" White Construction Edge Stripe with Type C Raised Pavement Markers @ 40'-0" o.c. (Tape, Type II)
- Reflector Markers (RM-2) with Flexible Delineator Post



- NOTES:
- Construction Signs shall be installed on both the leading and trailing of each phase.
 - Each Construction Sign shall have a minimum of two (2) RM-3. Installation of each RM-3 shall be considered incidental to Item No. 621.7100 Construction Sign with Posts.

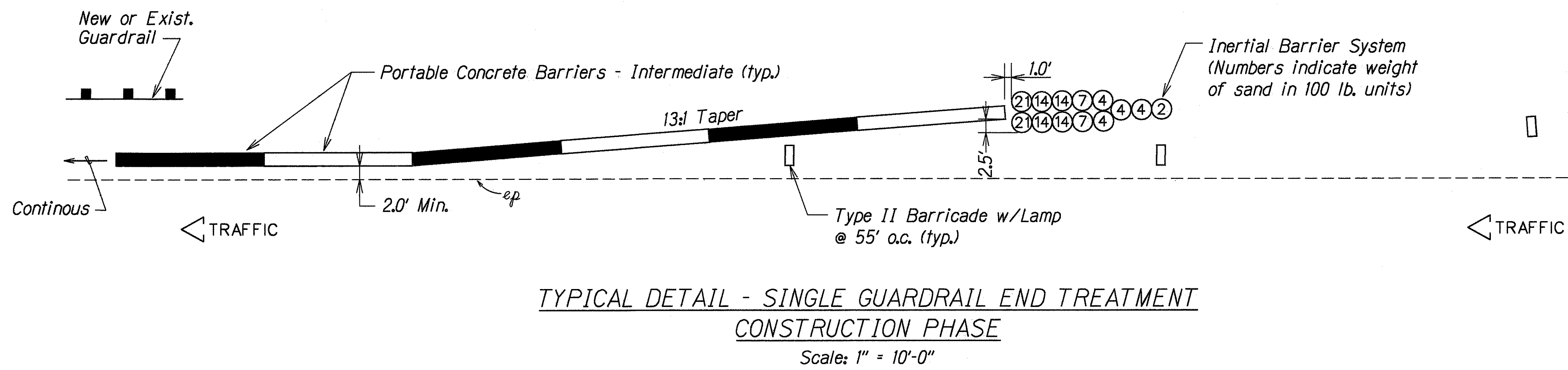
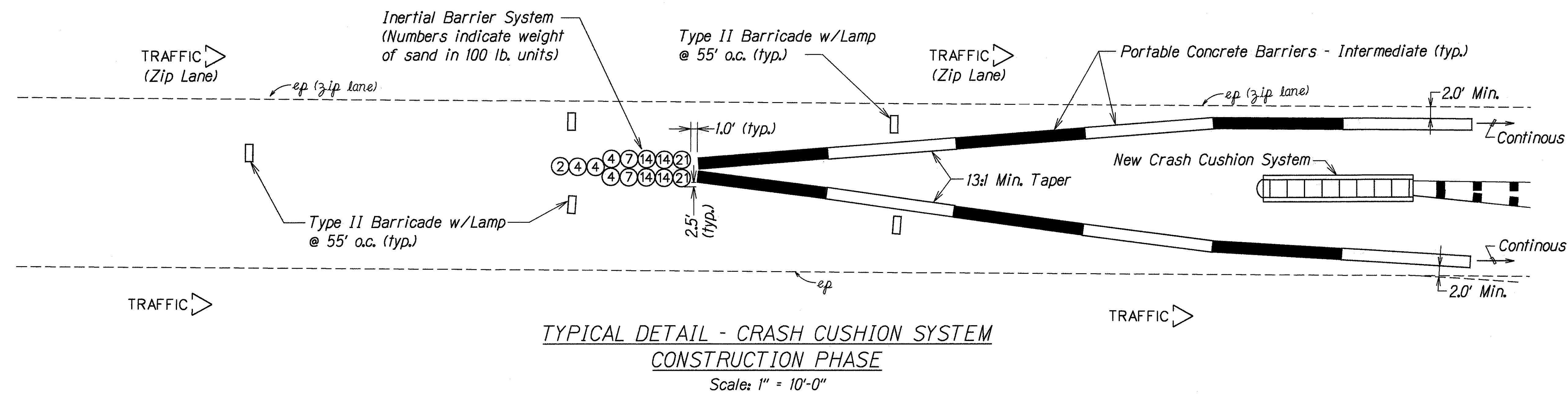
TYPICAL DETAIL FOR CONSTRUCTION SIGNS
DURING VARIOUS PHASES

DESIGNED BY S. Yoshida	DATE 3/30/98
CHECKED BY R. M. S. (signature)	
NOTED BY R. M. S. (signature)	
ORIGINAL PLAN	

8/26/99	Revise Construction Phasing Notes 2 & 3.
DATE	REVISION

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
CONSTRUCTION PHASING NOTES & LEGEND
INTERSTATE ROUTE H-1
Guardrail & Shoulder Improvements
Palehua Separation to Waialeale Bridge
Federal Aid Project No. IM-HI-K(228)
Not to Scale Date: Oct., 1998
SHEET No. 1 OF 1 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(228)	1999	58	82



DESIGNED BY	DATE
DRAWN BY	11/4/97
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

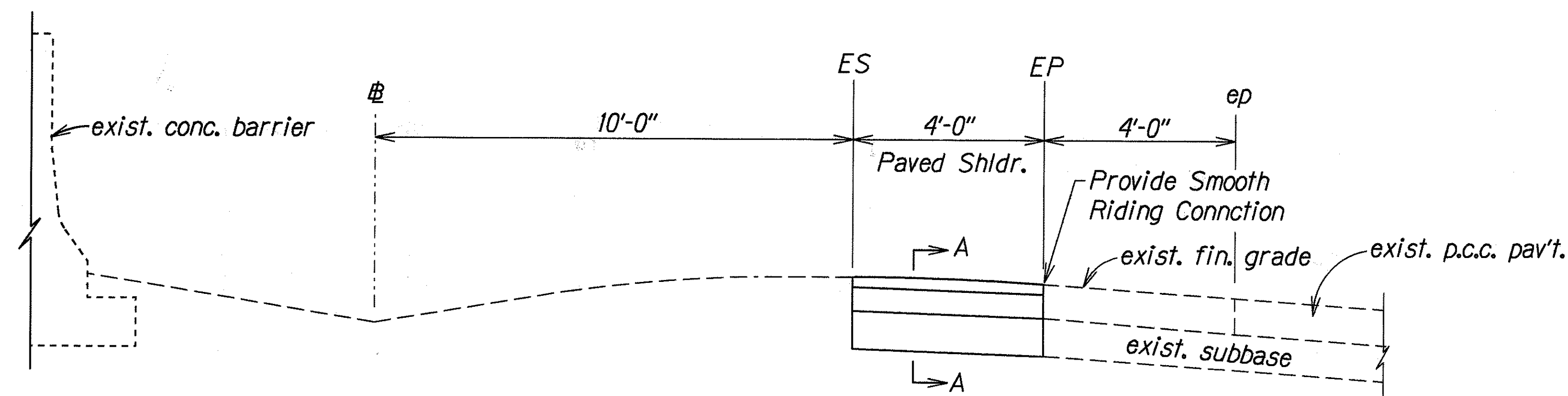
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION PHASING DETAILS

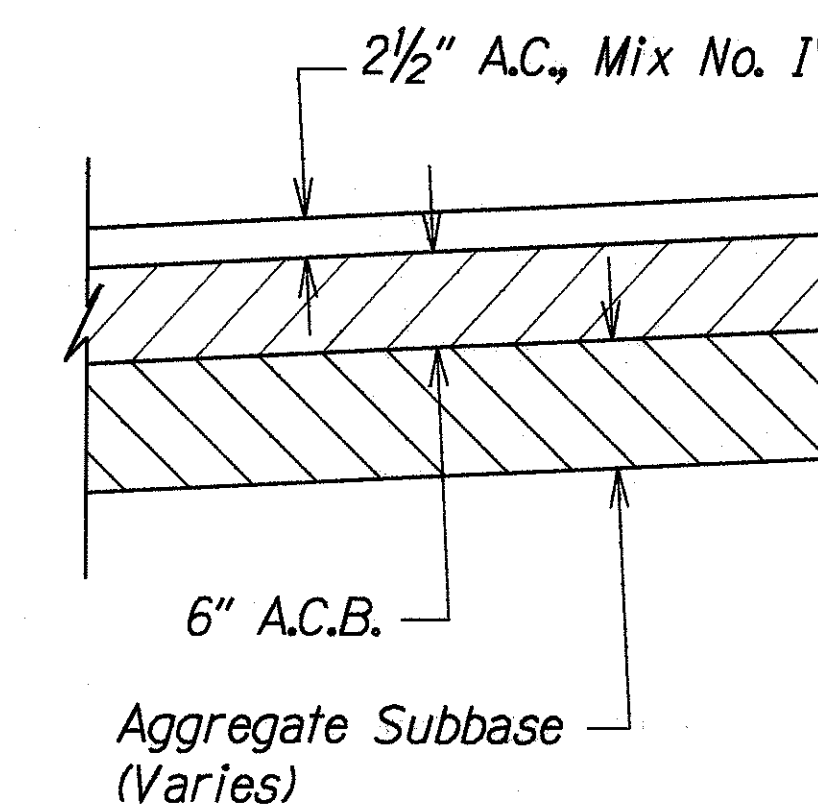
INTERSTATE ROUTE H-1
Guardrail & Shoulder Improvements
Pahoa Separation to Waialeale Bridge
Federal Aid Project No. IM-HI-1(228)
Scale: 1" = 10' Date: Oct., 1998

SHEET No. 1 OF 1 SHEETS

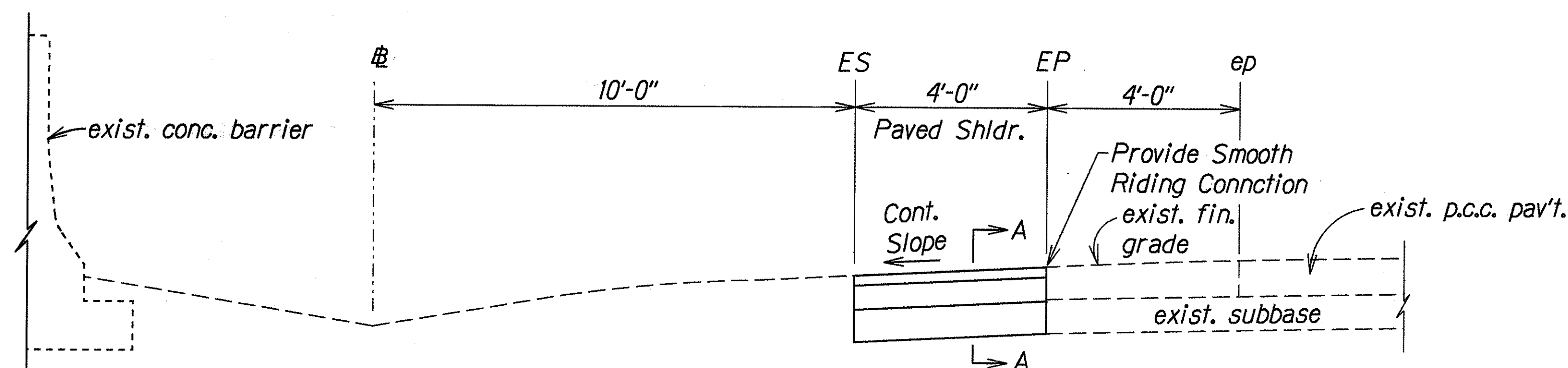
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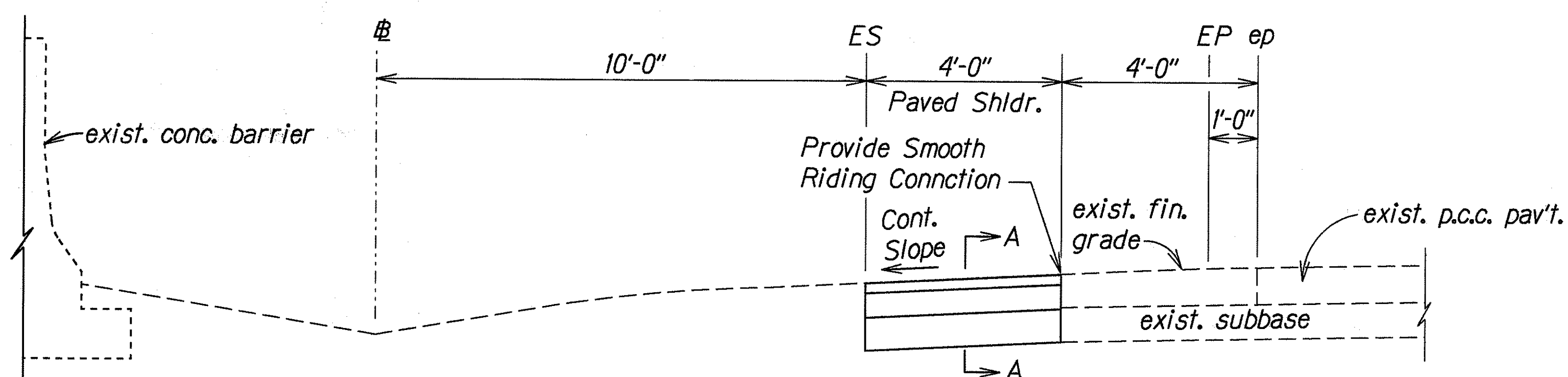
INBOUND SHOULDER & MEDIAN
(Sta. 198+50 to Sta. 228+40)
Scale: $\frac{1}{2}'' = 1'-0''$



SECTION A-A
Not to Scale



INBOUND SHOULDER & MEDIAN
(Sta. 270+00 to Sta. 283+00)
Scale: $\frac{1}{2}'' = 1'-0''$



INBOUND SHOULDER & MEDIAN
(Sta. 283+00 to Sta. 287+00)
Scale: $\frac{1}{2}'' = 1'-0''$

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETOUR SECTIONS
INTERSTATE ROUTE H-1
Guardrail & Shoulder Improvements
Palehua Separation to Waialeale Bridge
Federal Aid Project No. IM-HI-1(228)
Scale: As Noted Date: Oct., 1998

SHEET No. 1 OF 1 SHEETS