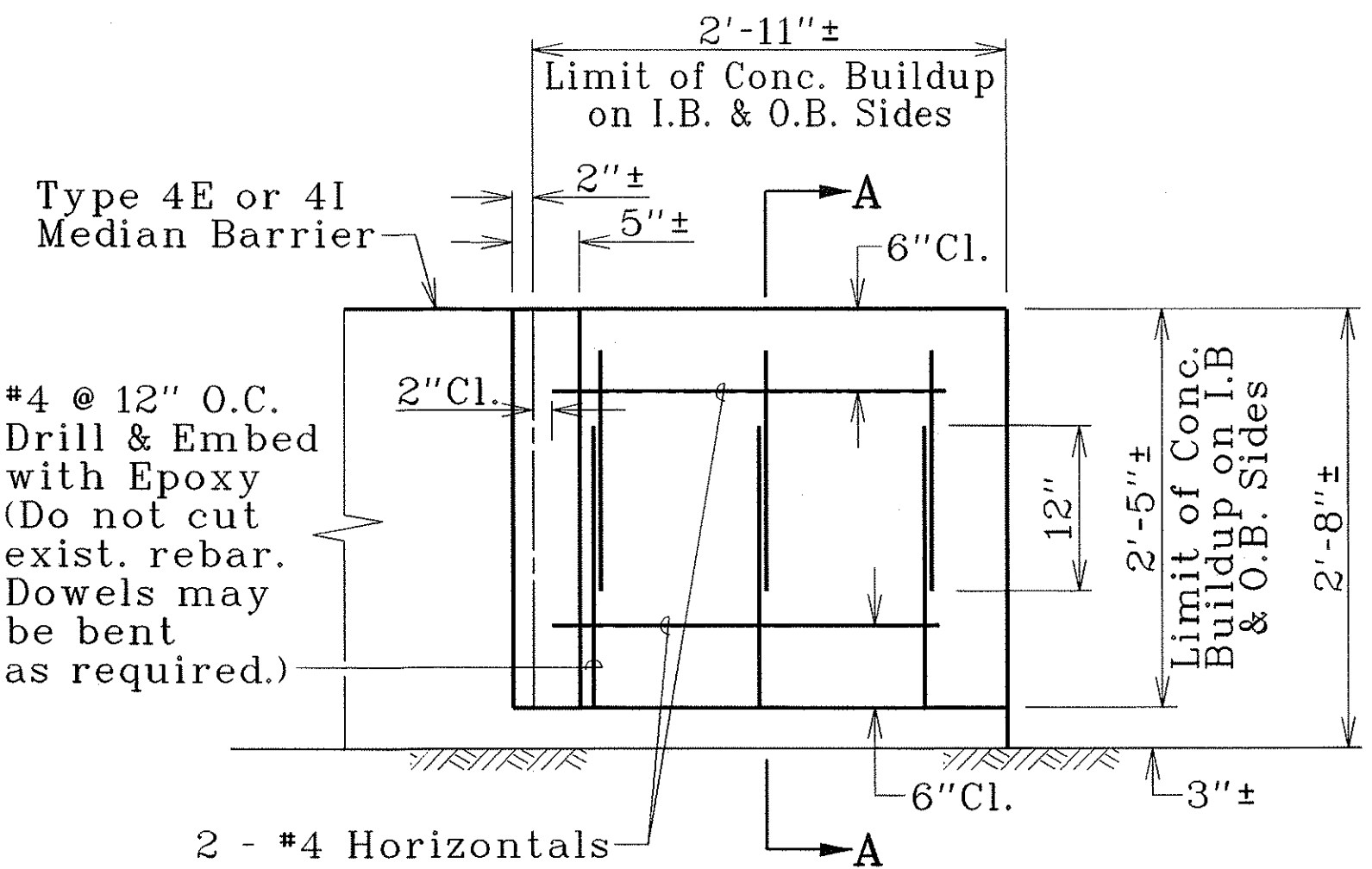
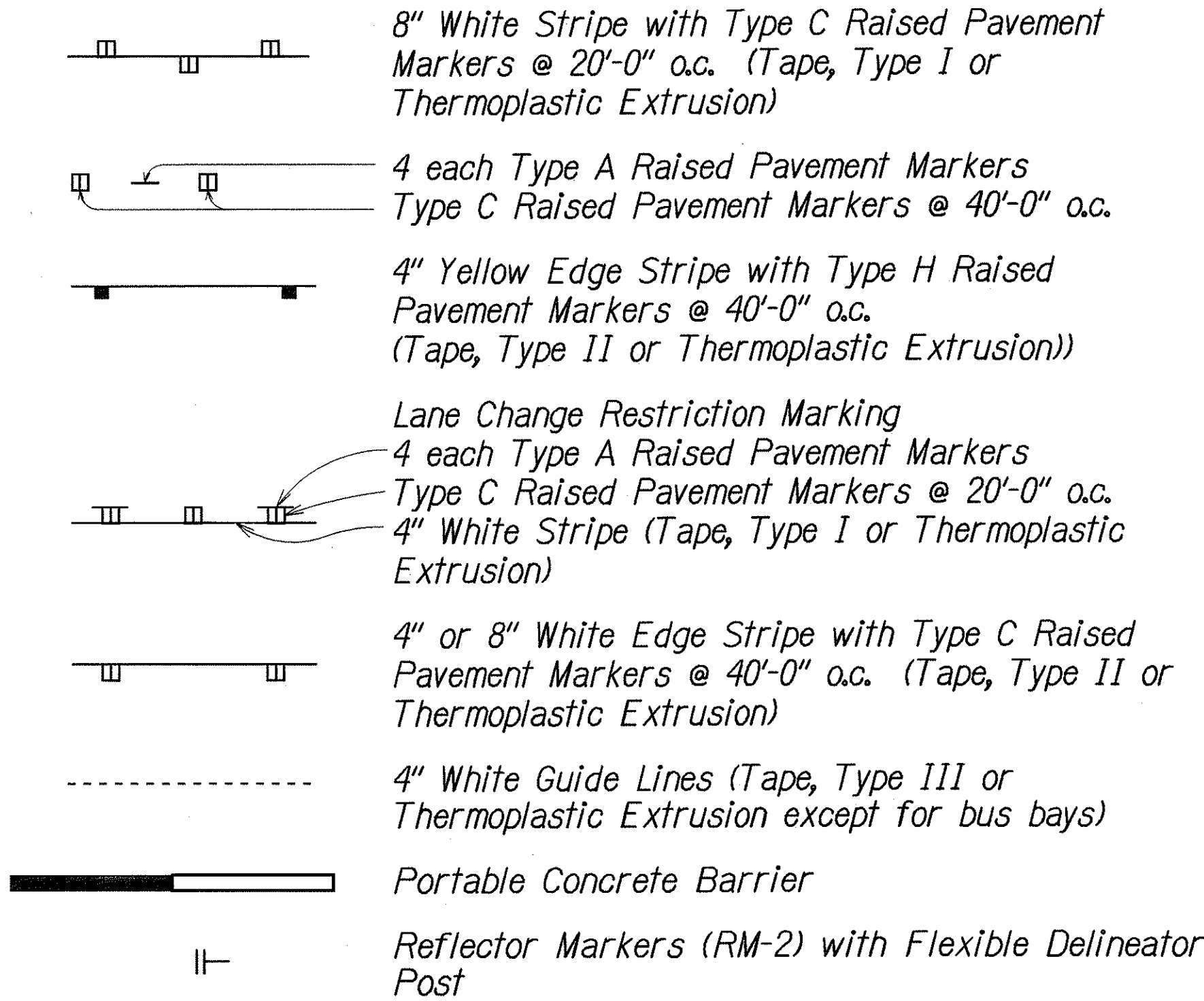


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-065-1(6)	2000	22	47

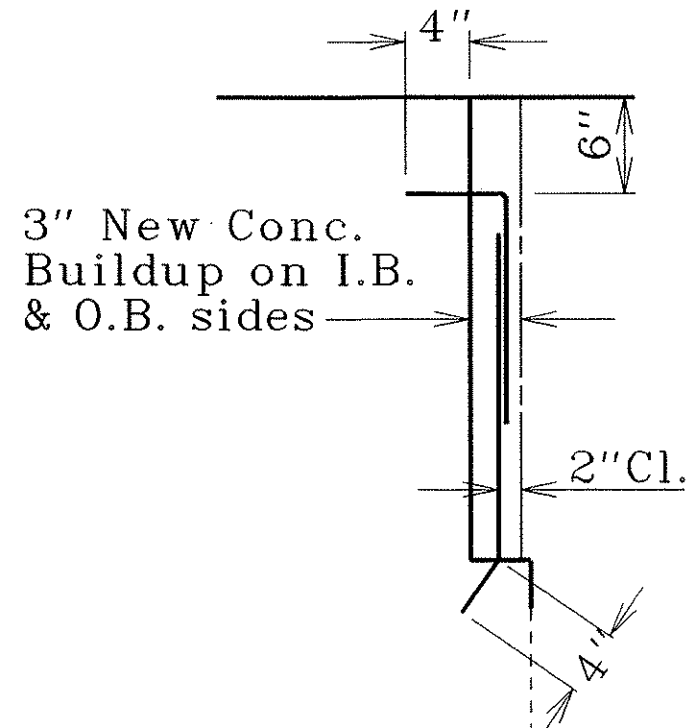
CONSTRUCTION PHASE NOTES

- Relocation and/or removal of temporary signs, posts and portable concrete barriers used for Construction Phasing shall be considered incidental to their respective contract items.
- All temporary signs and delineators for the purposes of the Construction Phase 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 barriers 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 barriers 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 by the Contractor's negligence 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. 606.5000 - State Furnished Temporary Portable Concrete Barrier.
- The Type II Barricades with steady burn amber lamp used during Construction Phase shall be considered incidental to the various contract items.

LEGEND



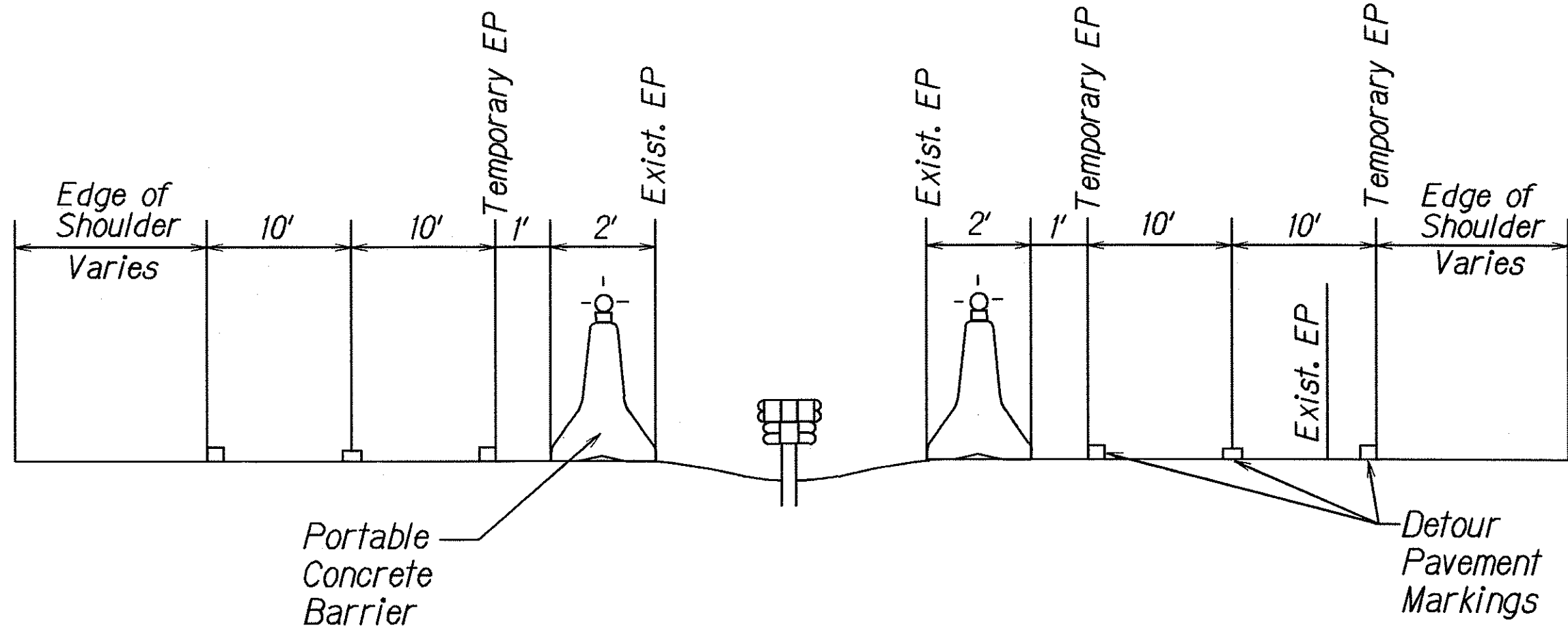
PROFILE (MEDIAN BARRIER SLOT)



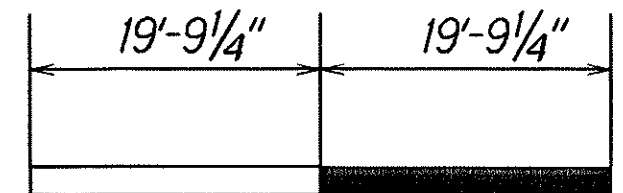
- NOTES:
- Roughen existing slot face within limits of work.
 - Epoxy shall be used to bond new concrete to existing concrete. Epoxy shall be ASTM C881, Type V, Grade 3, Class C.
 - New concrete used for slot upgrade shall be Class A.
 - Provide 4 ea. 13"x 12"x 5/8" blockouts in the new conc. for the bearing plates (1 ea. for the 2 rails and 2 rub-rails), so that the outside surfaces of the plates are flush with the new conc. surface.

SECTION A-A

MEDIAN BARRIER SLOT UPGRADE



TYPICAL SECTION
Not to Scale



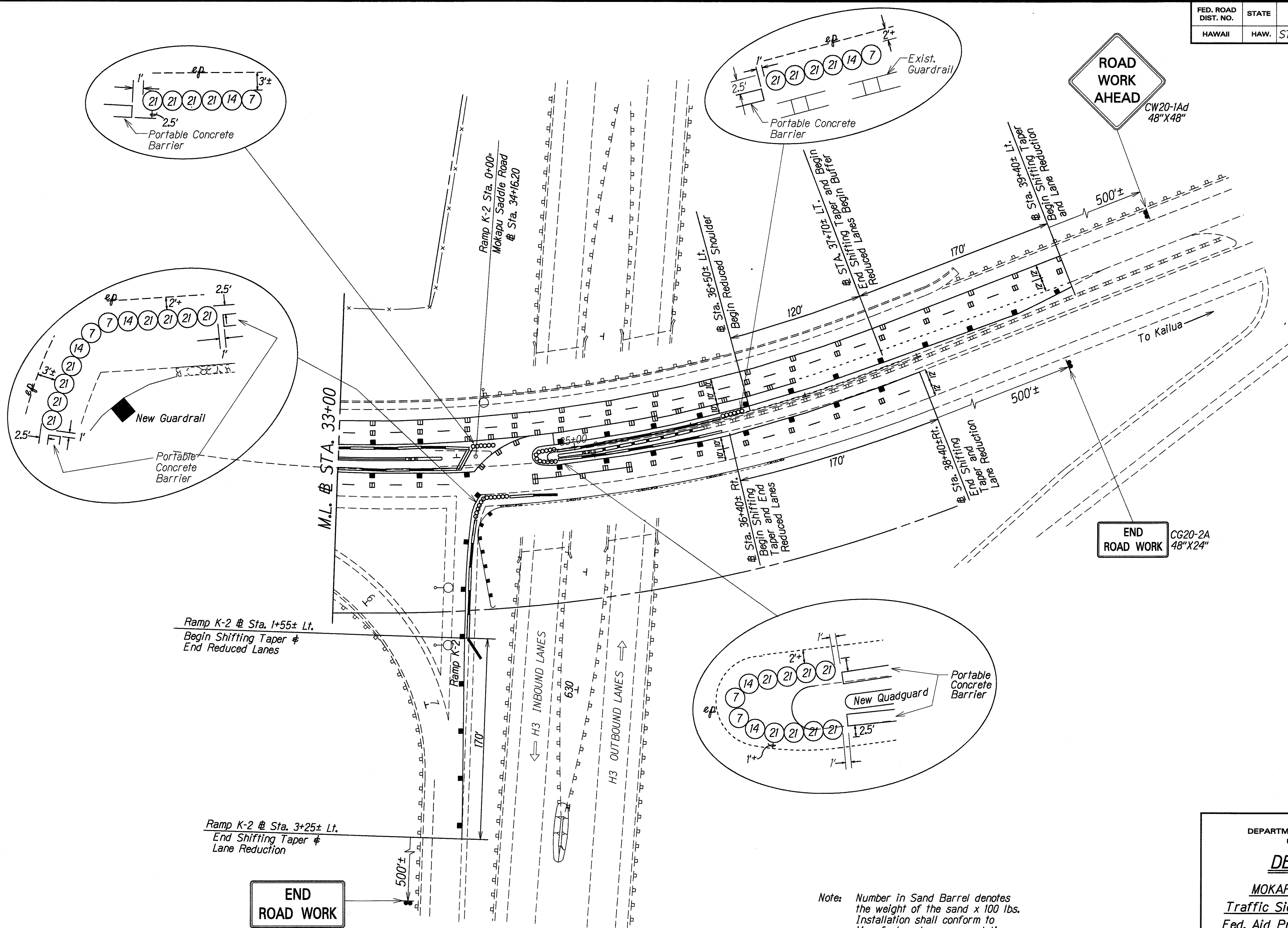
Portable Concrete Barrier with 2 3/4" spacing typical

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
DETOUR PLAN
NOTES & LEGEND
MOKAPU SADDLE ROAD
Traffic Signals at H-3 On-Ramp
Fed. Aid Project No. STP-065-1(6)
Scale: As Noted Date: April, 1999
SHEET No. 1 OF 1 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	1/25/99
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
Idmay	
2/25/99	

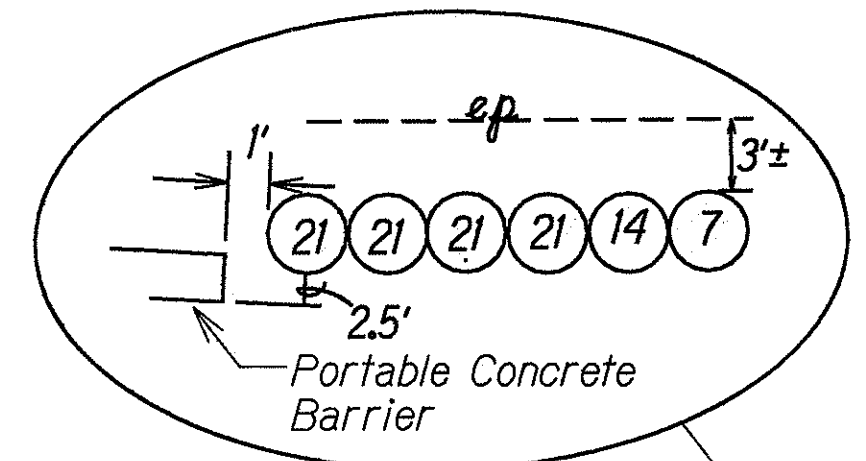
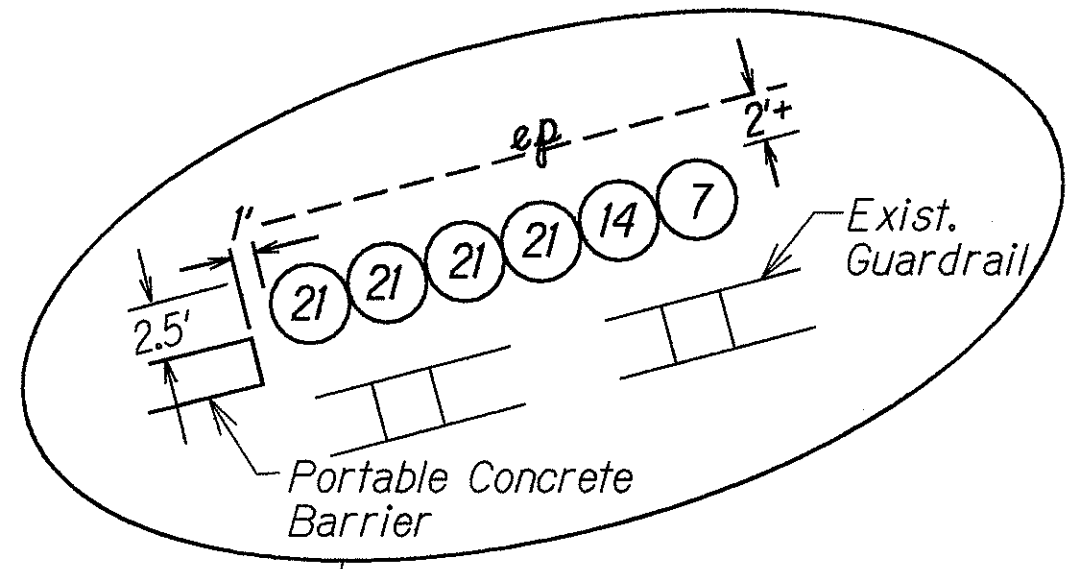
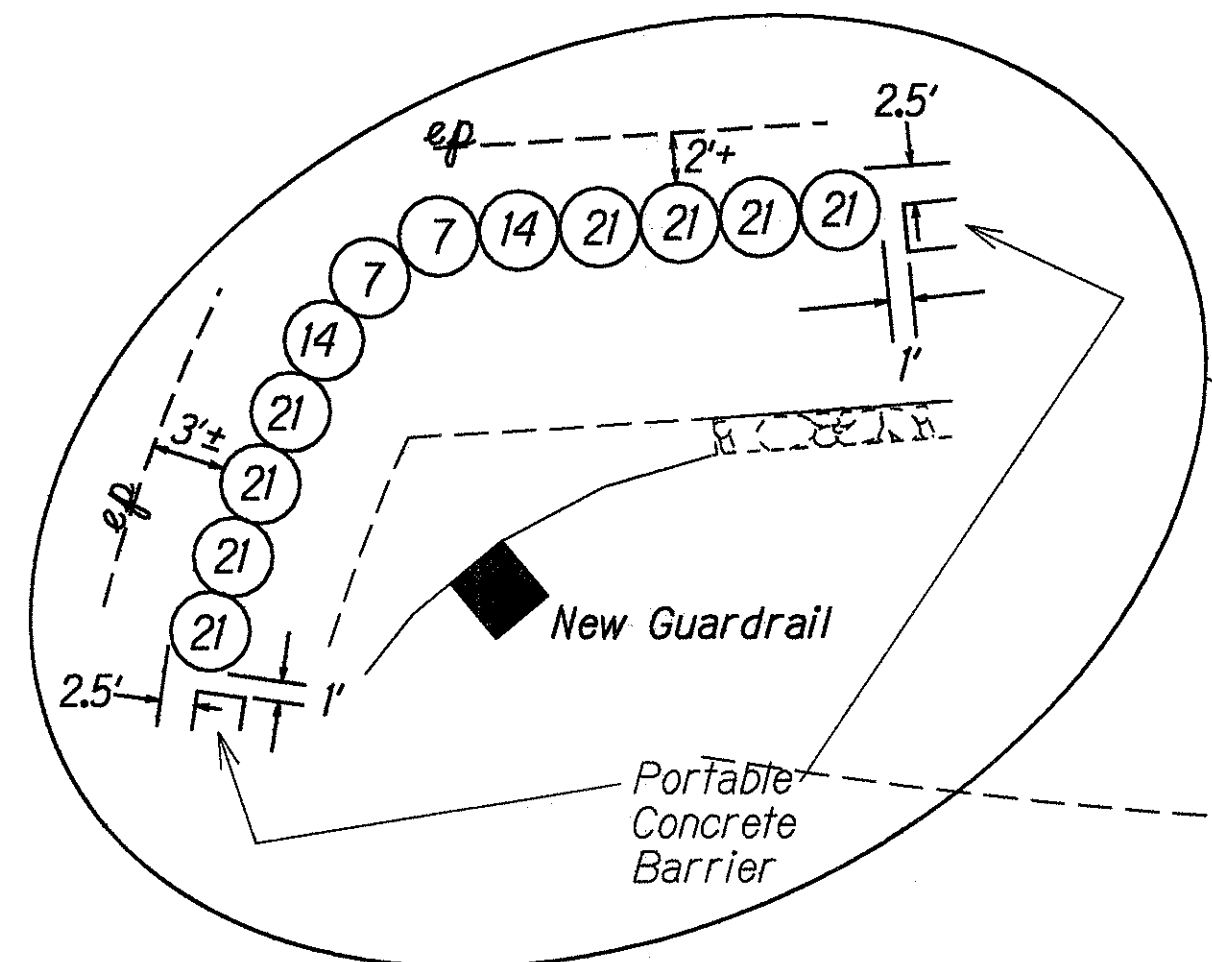
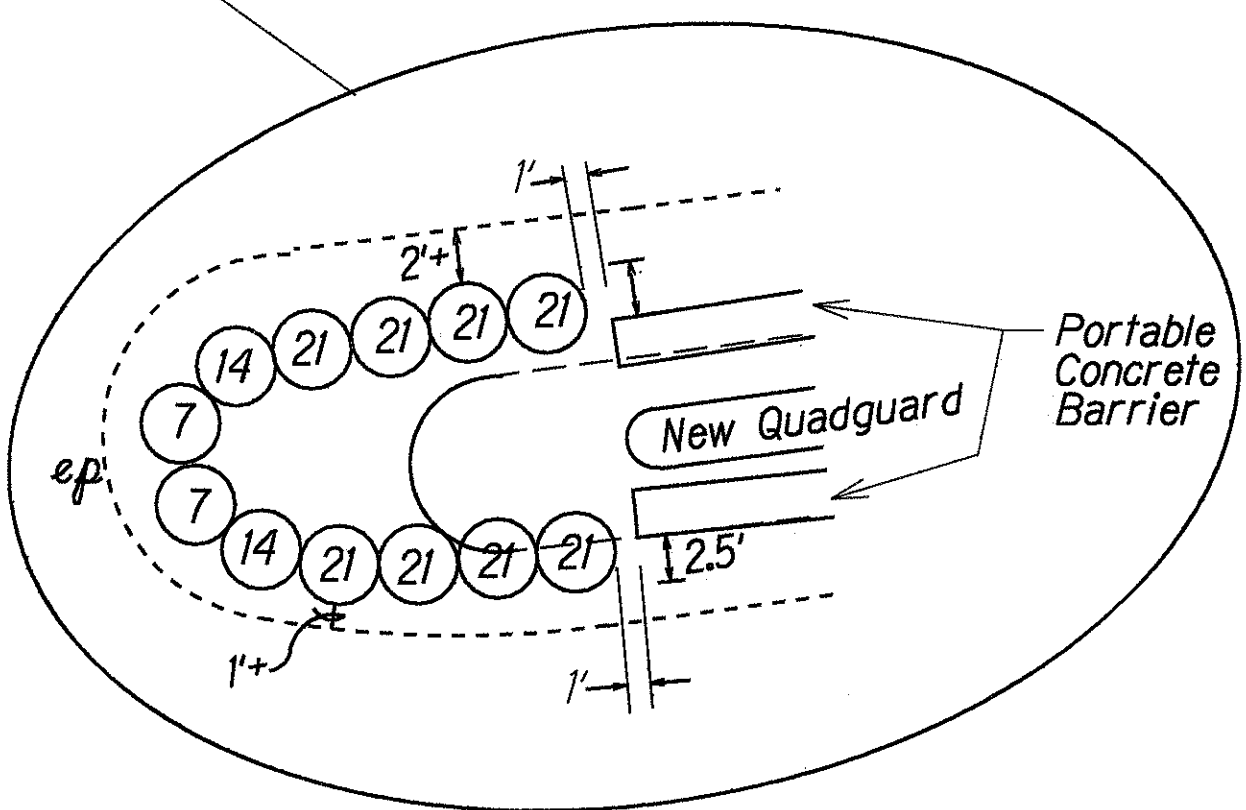
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-065-1(6)	2000	24	47



ROAD WORK AHEAD
CW20-1Ad
48"X48"

END ROAD WORK
CG20-2A
48"X24"

END ROAD WORK
CG20-2A
48"X24"



Note: Number in Sand Barrel denotes the weight of the sand x 100 lbs. Installation shall conform to Manufacturer's recommendation.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY M. Takeda	2/1/99
NO. 2100002	DESIGNED BY Richard Akana	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETOUR PLAN

MOKAPU SADDLE ROAD
Traffic Signals at H-3 On-Ramp
Fed. Aid Project No. STP-065-1(6)

Scale: 1"=40' Date: April, 1999

SHEET No. 2 OF 2 SHEETS