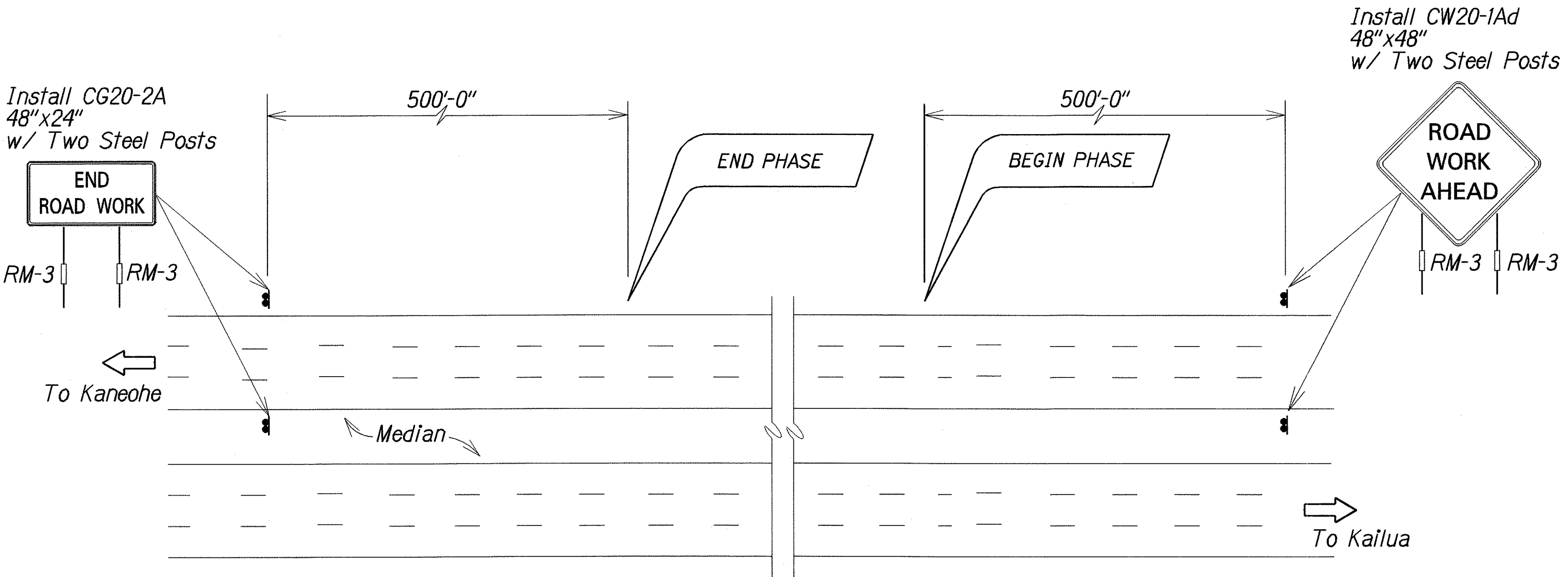


CONSTRUCTION PHASING NOTES

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H3-(178)	2002	14	19

1. All traffic control devices including cones, barricades, etc. shall comply with the "Statewide Guideline for Work Zone Traffic Control Devices" dated September 13, 2000.
2. 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.
3. 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.
4. The Contractor shall delete the use of the ground anchorage steel pin for State Furnished Portable Concrete Barrier. The portable concrete barriers shall be interlocked with barrier pins. Do not use ramp down barriers at the ends.
5. 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.
6. 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.
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 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. 645.0100 - Additional 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.
9. 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. 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. 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. 606.5200 - State Furnished Portable Concrete Barrier (Intermediate Panel).
11. Installation and maintenance which includes but is not limited to changing batteries and bulbs for the Type II Barricades with steady burn amber lamp used during Construction Phase shall be considered incidental to the various contract items.
12. Inertial Barrier System:
  - A. The approach end of the portable barriers shall be protected with Inertial Barrels.
  - B. Layout of Inertial Barrier System shall be based on a minimum design speed of 50 mph and manufacturer's system. Installation shall conform to Manufacturer's recommendations and Roadside Design Guide.
  - C. Furnishing and installing inertial barriers shall be considered incidental to the Item No. 606.5200 - State Furnished Portable Concrete Barrier (Intermediate Panel).



TYPICAL DETAIL FOR CONSTRUCTION SIGNS

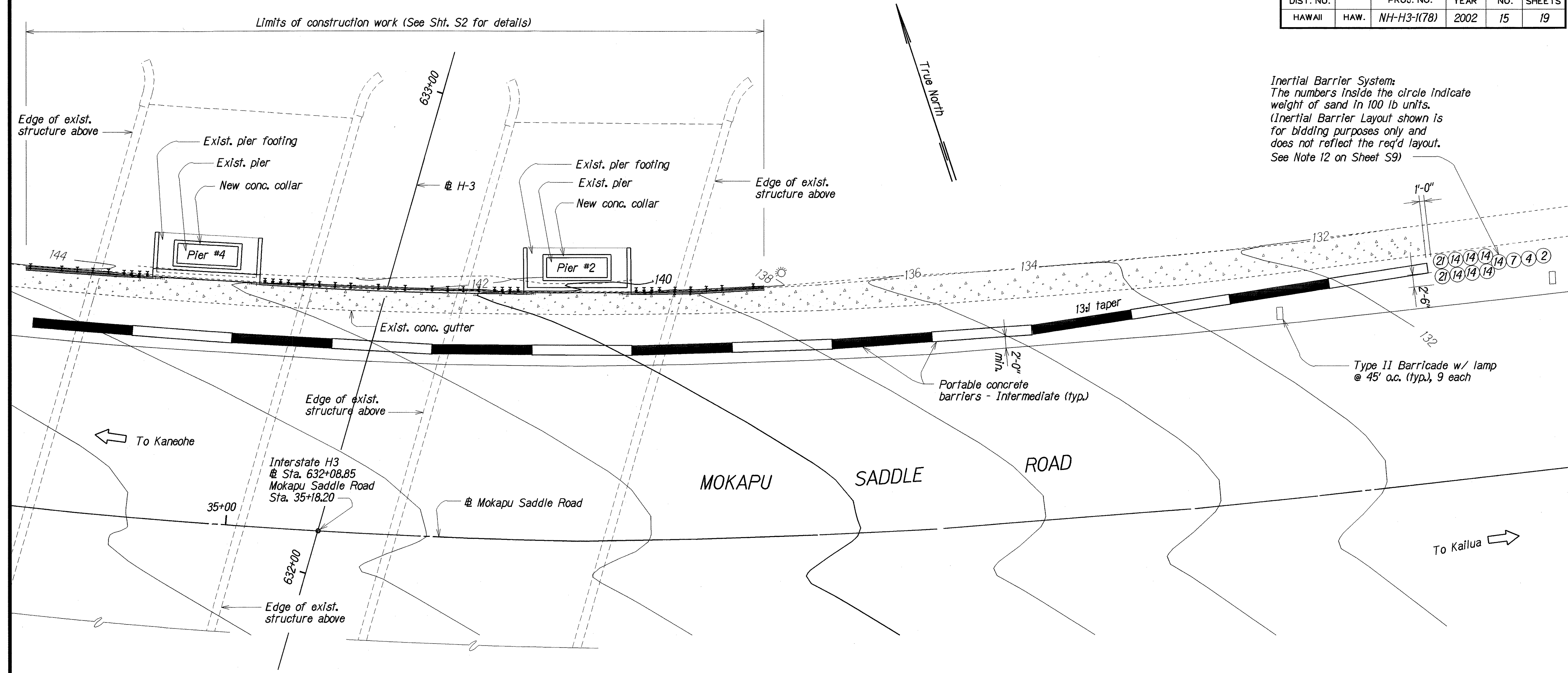
NOTES:

1. Construction Signs shall be installed on both the leading and trailing end of the work.
2. 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 two Posts.

DATE	10/1/2001
DESIGNED BY	JFU
TRACED BY	JFU
NOTED BY	JFU
CHECKED BY	JFU

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**KAILUA INTERCHANGE  
SEISMIC RETROFIT  
CONSTRUCTION PHASING NOTES,  
# DETAIL**  
INTERSTATE ROUTE H-3  
Fed. Aid Project No. NH-H3-(178)  
Scale: As Noted Date: Oct, 2001  
SHEET No. 59 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H3-1(78)	2002	15	19



# **CONSTRUCTION PHASE PLAN**

Scale : 1" = 10'-0"

DESIGNED BY	DATE
TRACED BY	OCT 2001
DESIGNED BY	OCT 2001
QUANTITIES BY	OCT 2001
CHECKED BY	OCT 2001

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**KAILUA INTERCHANGE  
SEISMIC RETROFIT  
CONSTRUCTION PHASE PLAN**

INTERSTATE ROUTE H-3  
Fed. Aid Project No. NH-H3-1(78)

Scale: As Noted Date: Oct, 2001

SHEET No. S10 OF 10 SHEETS