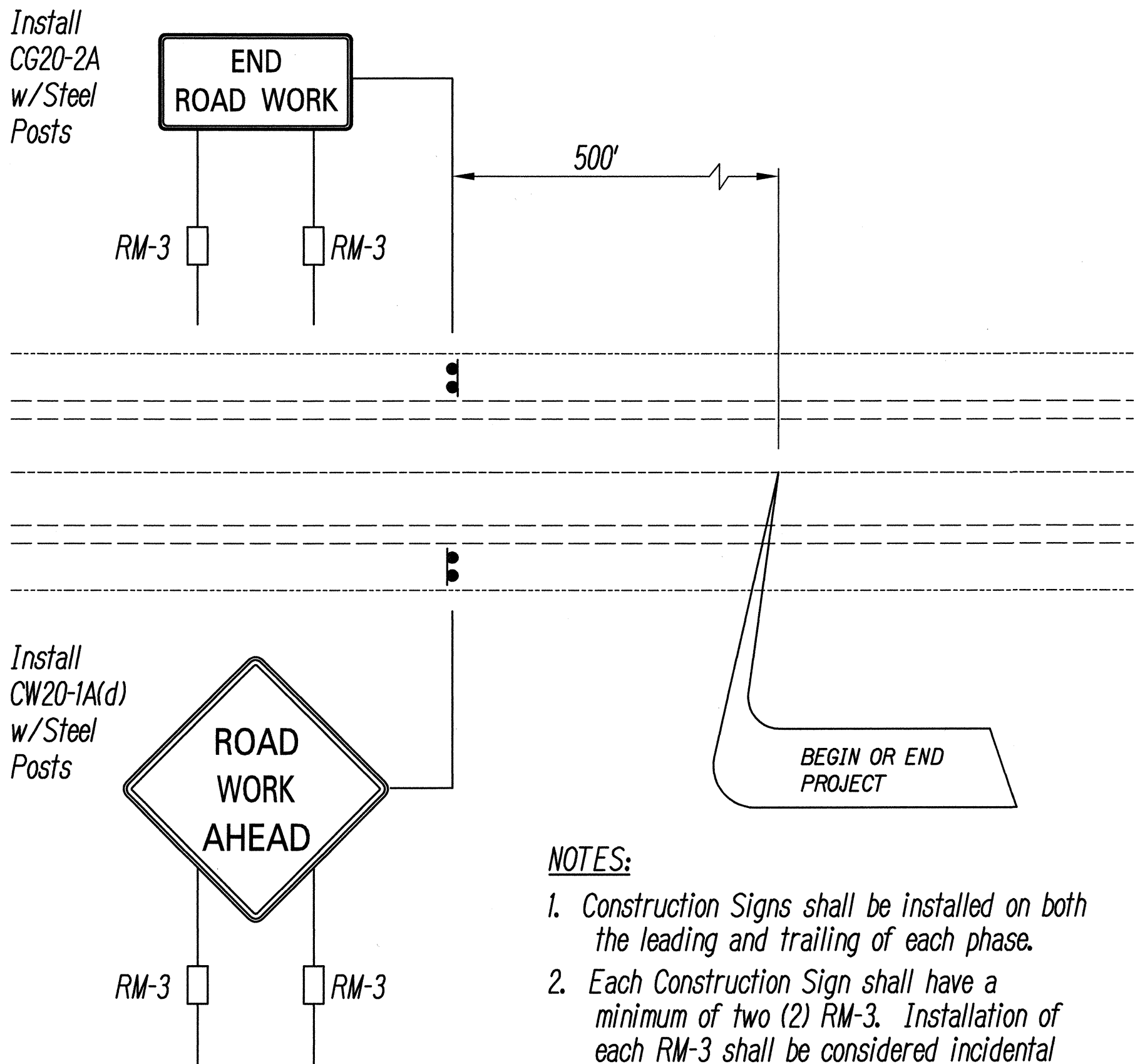


TRAFFIC CONTROL NOTES

- Any requests for adjustments in Traffic Control plans 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 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 Traffic Control shall become the property of the State 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 Traffic Control 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 Traffic Control 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. 645.2000 - 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.
- 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. 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. 606.4390 - State Furnished Portable Concrete Barrier (Intermediate Panel).
- The Type II Barricades with steady burn amber lamp used during construction shall be considered incidental to the various contract items.

LEGEND

- Portable Concrete Barrier
- Cone or Delineator
- Direction of Traffic
- Inertial Barriers
- Work Area



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 Warning Sign with Post.

ROAD WORK SIGN DETAIL

Not to Scale



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Alan Y. Tomita

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	65B-01-01M	2001	27	58

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

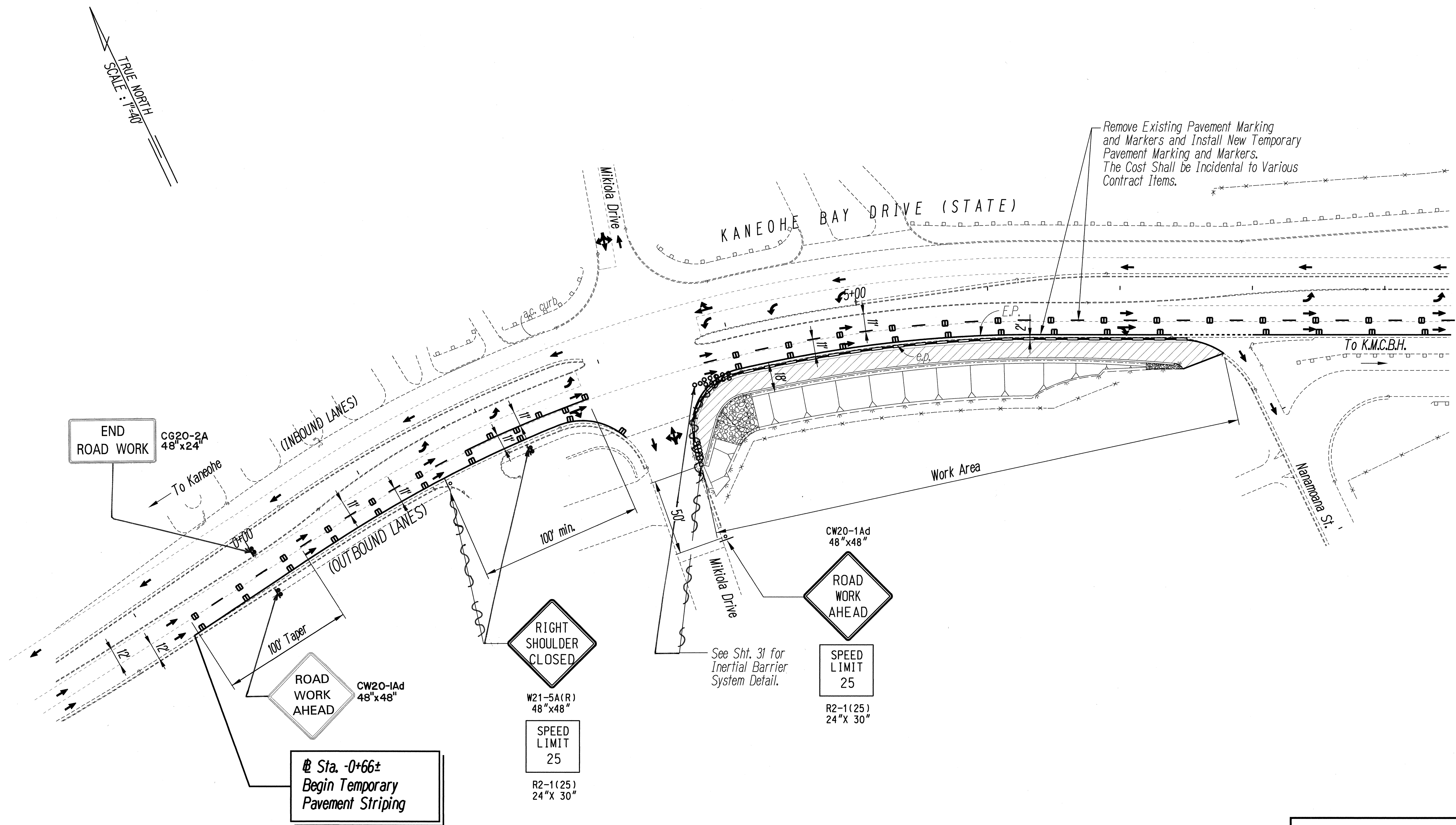
TRAFFIC CONTROL NOTES & LEGEND

MOKAPU SADDLE ROAD SLOPE STABILITY
Vicinity of Mikiola Dr. to Kahinani Place
Project No. 65B-01-01M

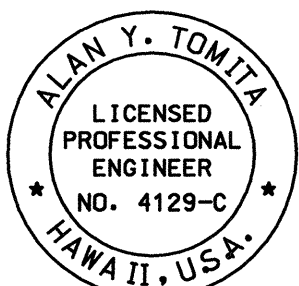
Scale: As Shown Date: May, 2001

SHEET No. 1 OF 4 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	65B-01-01M	2001	28	58



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



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OR UNDER MY SUPERVISION.

Alan Y. Tomita

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

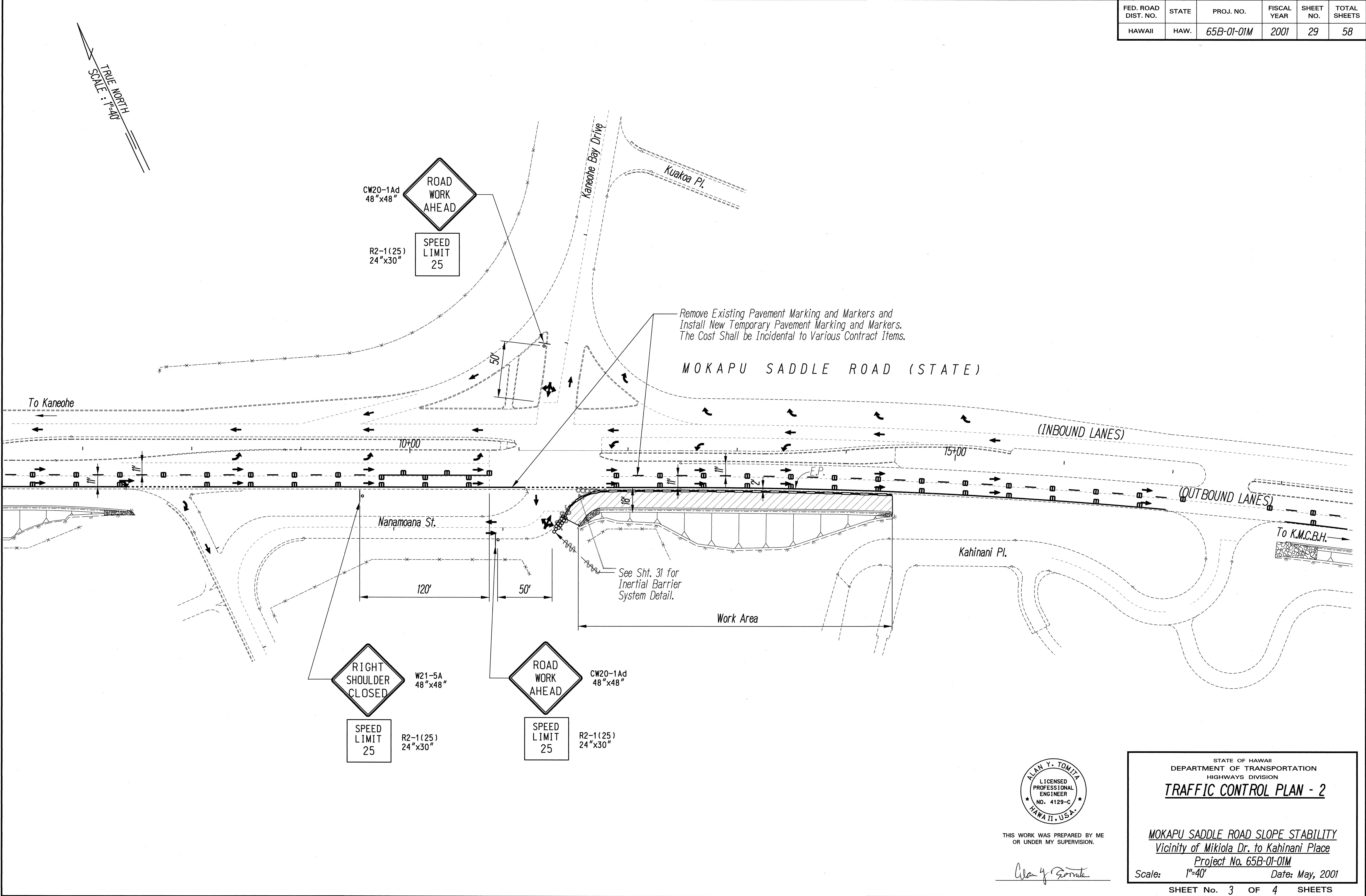
TRAFFIC CONTROL PLAN - 1

MOKAPU SADDLE ROAD SLOPE STABILITY
Vicinity of Mikiole Dr. to Kahinani Place
Project No. 65B-01-01M

Scale: 1"=40' Date: May, 2001

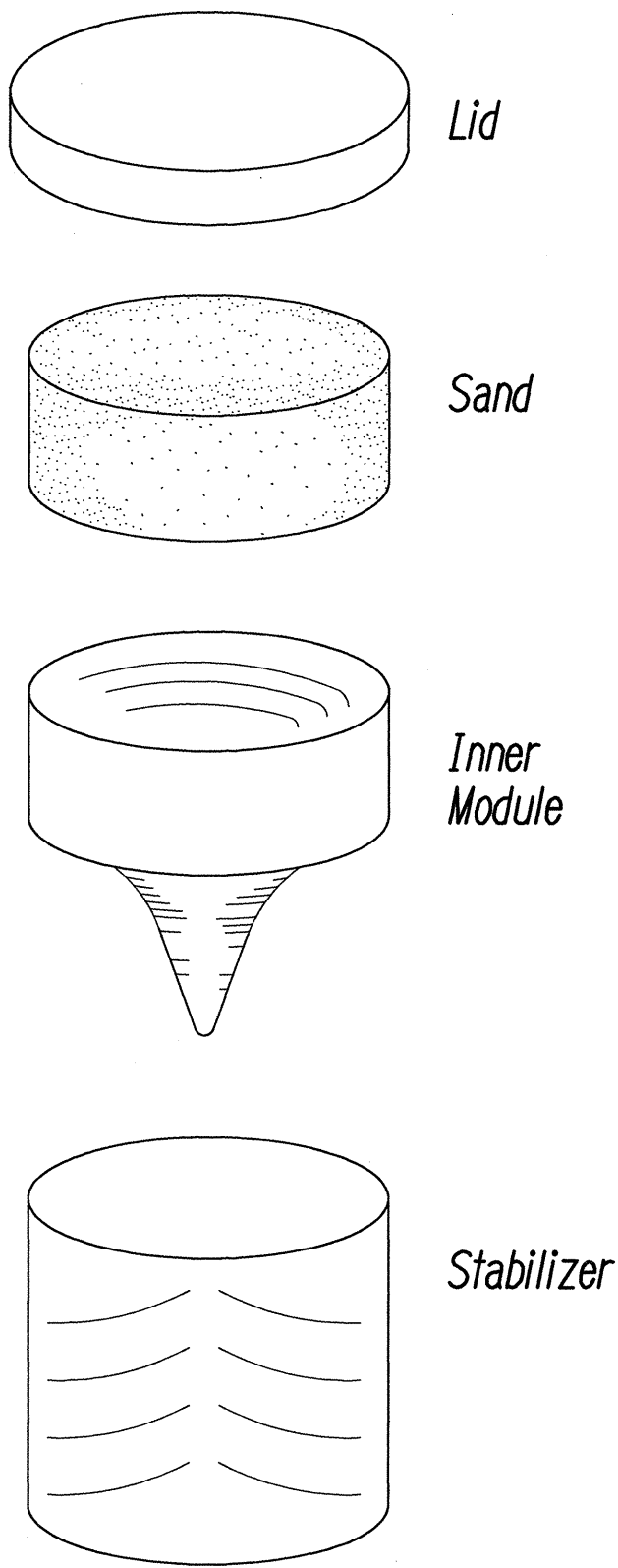
SHEET No. 2 OF 4 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	65B-01-01M	2001	29	58

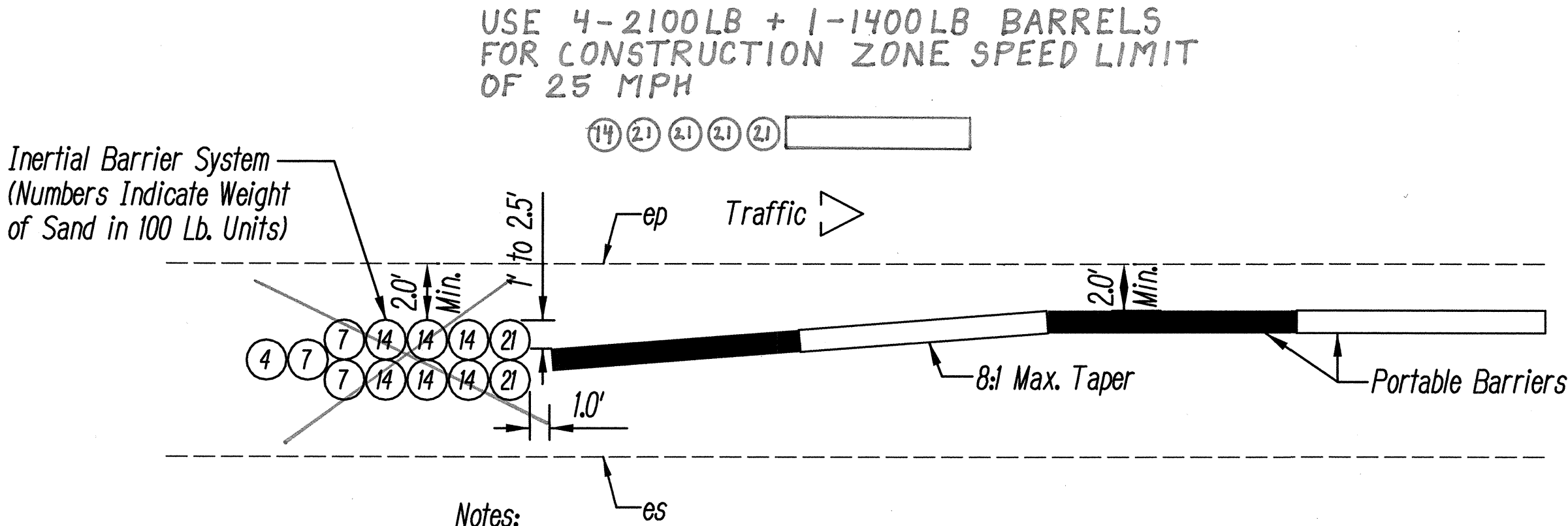


SURVEY OBTAINED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
REVISIONS	
1	
2	
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FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	65B-01-01M	2001	31	58



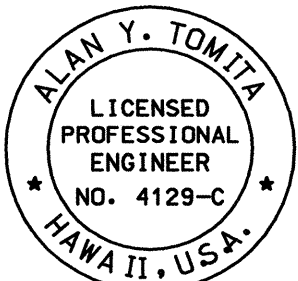
CONTAINER DETAIL
Not to Scale



- Notes:**
1. Portable barriers shall be required whenever guardrails have been removed and will not be reinstalled at the end of the work day.
 2. Portable barriers shall be either portable concrete barriers or portable water filled barriers. Installation of portable water filled barriers shall conform to Manufacturer's recommendations as dictated by design speed and field conditions.
 3. Providing, transporting, placing, maintaining, relocating and removal of portable barriers shall be considered incidental to the Item No. 606.4390-State Furnished Portable Concrete Barrier (Intermediate Panel). See Section 645, TRAFFIC CONTROL DEVICES of the Special Provisions.
 4. Ends of portable barriers shall be protected with Inertial Barriers as shown above.
 5. Payment for furnishing and relocations of temporary Inertial Barriers for the different construction phases shall be incidental to the various items of work. See Section 645, TRAFFIC CONTROL DEVICES of the Special Provisions.
 6. Layout, spacing, offsets and barrel weights shall conform to the Manufacturer Specifications, and the Latest Edition of the Roadside Design Guide.

TYPICAL DETAIL - SHOULDER WORK AREA
Not to Scale

ORIGINAL PLAN	SURVEY ELABORATED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	



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OR UNDER MY SUPERVISION.

Alan Y. Tomita

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

INERTIAL BARRIER DETAILS

MOKAPU SADDLE ROAD SLOPE STABILITY
Vicinity of Mikiola Dr. to Kahinani Place
Project No. 65B-01-01M

Scale: As Shown Date: May, 2001

SHEET No. 3 OF 3 SHEETS