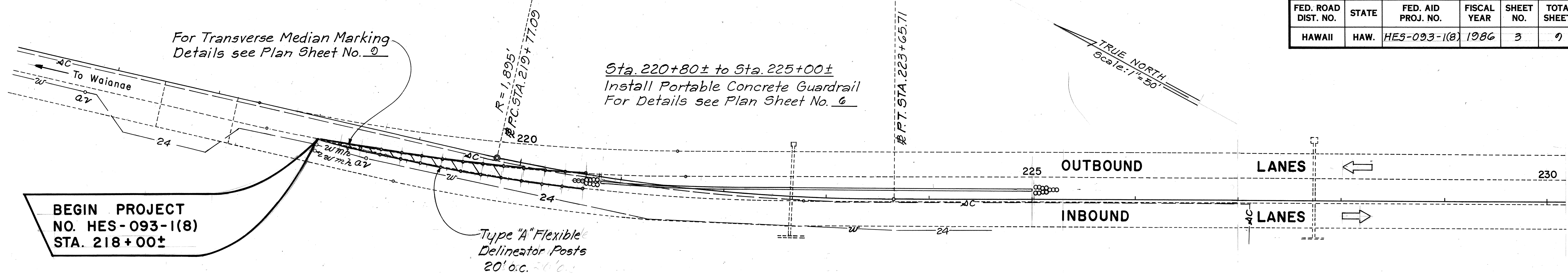
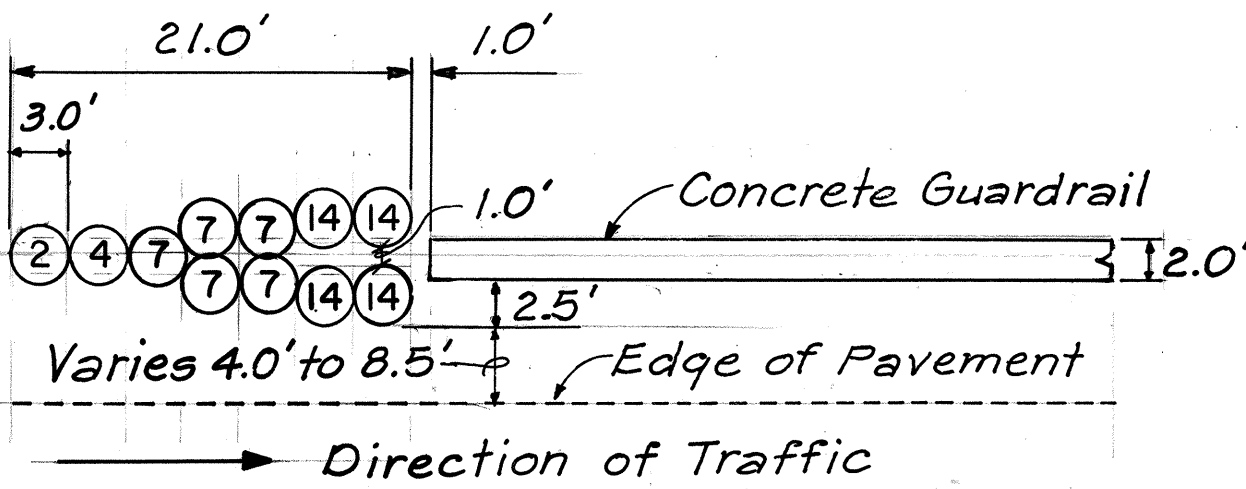


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HE5-093-1(8)	1986	3	9



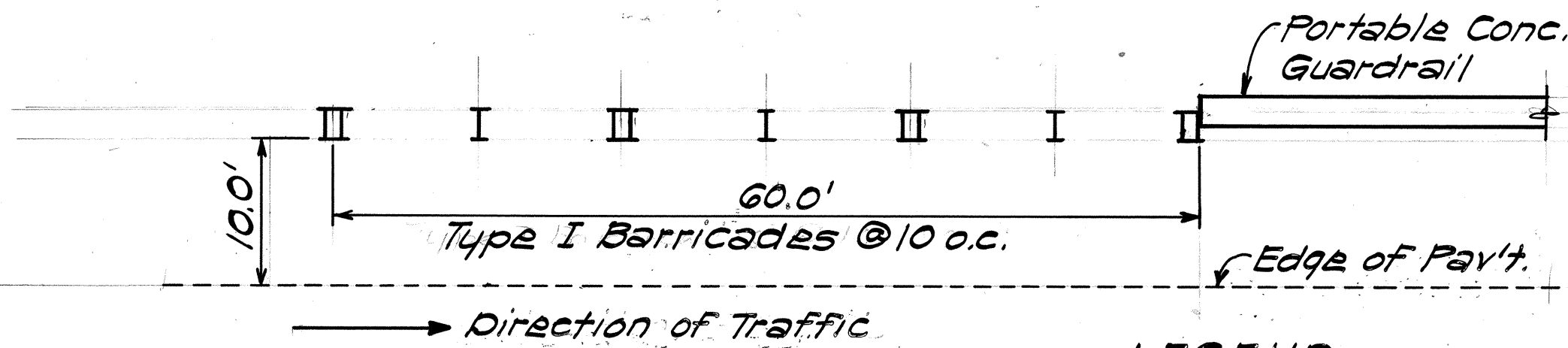
NOTE: Numbers indicate Weight of Sand in 100 lb. Units.



TERMINAL END TREATMENT INERTIAL BARRIER SYSTEM TYPE I Scale: 1"=10.0'

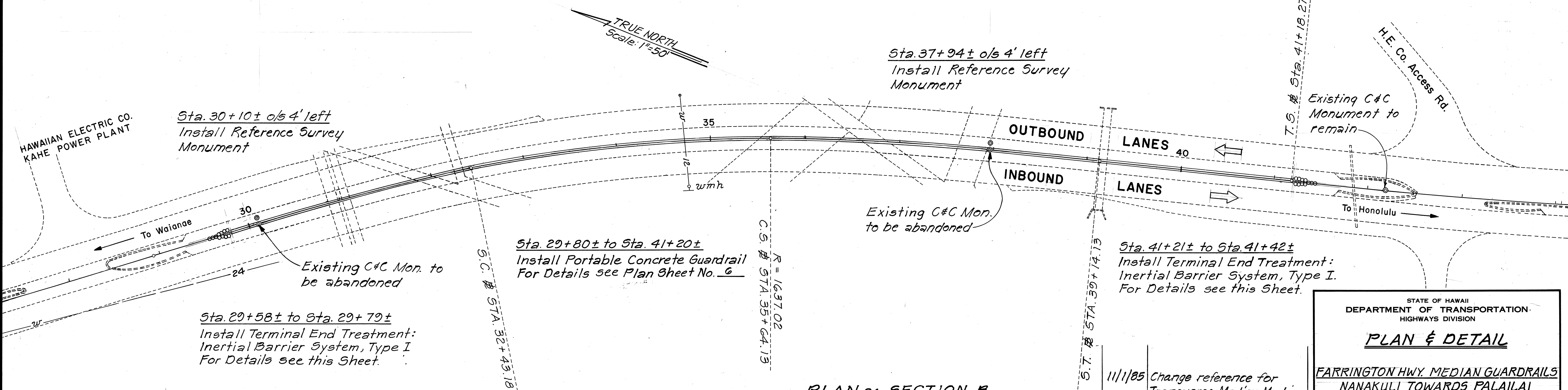
Sta. 220+58± to Sta. 220+79± & Sta. 225+01± to Sta. 225+22±
Install Terminal End Treatment Inertial Barrier System, Type I.
For Details see this Sheet.

PLAN ~ SECTION A Scale: 1"=50'



- LEGEND
- I Type I Barricade
 - II Type I Barricade w/ Flasher

TYPICAL NON-WORKING HOURS TEMPORARY TRAFFIC CONTROL AT BARRIER NOSE APPROACH Scale: 1"=10'



PLAN ~ SECTION B Scale: 1"=50'

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN & DETAIL

FARRINGTON HWY. MEDIAN GUARDRAILS
NANAKULI TOWARDS PALAILAI
FED. AID PROJECT NO. HE5-093-1(8)

Scale: As Noted Date: June, 1985

SHEET NO. 1 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HES-093-1(3)	1986	4	7

SCHEDULE OF OFFSET (') FOR PORTABLE CONCRETE BARRIER

STATION	% RIGHT	STATION	% RIGHT	STATION	% RIGHT
44+50	5.50'	46+30	3.25'	48+10	1.00'
44+70	5.25'	46+50	3.00'	48+30	0.75'
44+90	5.00'	46+70	2.75'	48+50	0.50'
45+10	4.75'	46+90	2.50'	48+70	0.38'
45+30	4.50'	47+10	2.25'	48+90	0.25'
45+50	4.25'	47+30	2.00'	49+10	0.13'
45+70	4.00'	47+50	1.75'	49+30	0.00'
45+90	3.75'	47+70	1.50'		
46+10	3.50'	47+90	1.25'		

RELOCATE
SPEED LIMIT
45

Existing Double Sign w/Post on Portable Concrete Guardrail. For Detail see Plan Sht. No. ADD 5.

STA. 44+50± to STA. 70+25±
Install Portable Concrete Guardrail
For Details see Plan Sht. No. 6

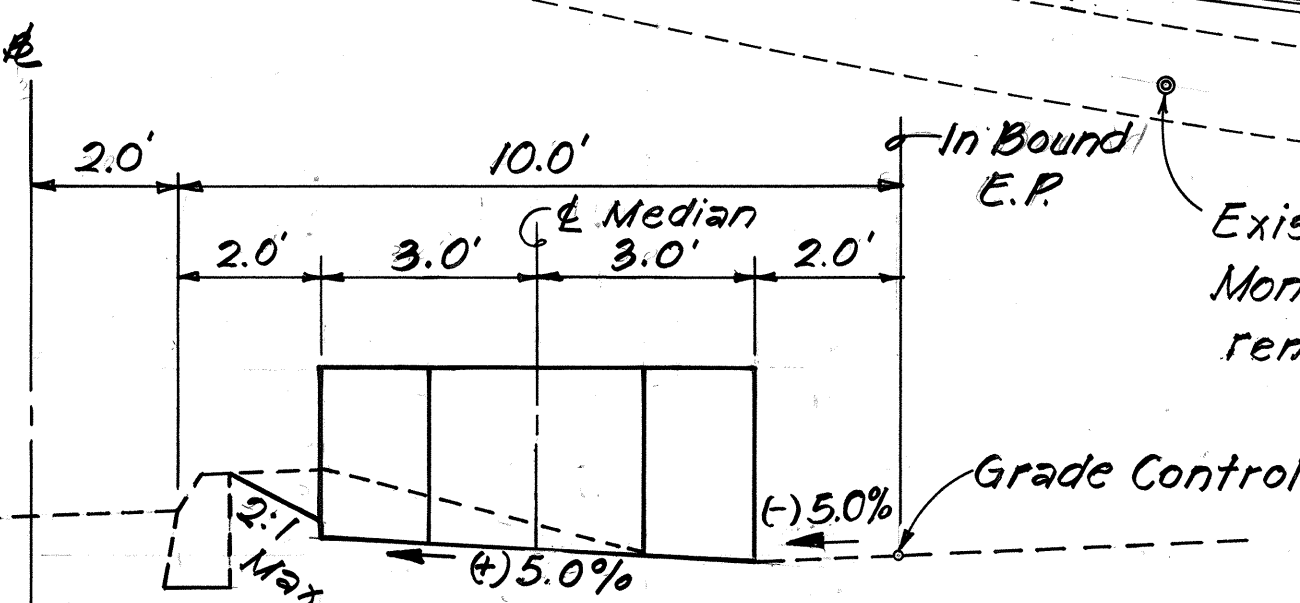
STA. 44+27± to STA. 44+48±
Install Terminal End Treatment:
Inertial Barrier System, Type II
For Details see this sht.

TRUE NORTH
Scale: 1"=50'

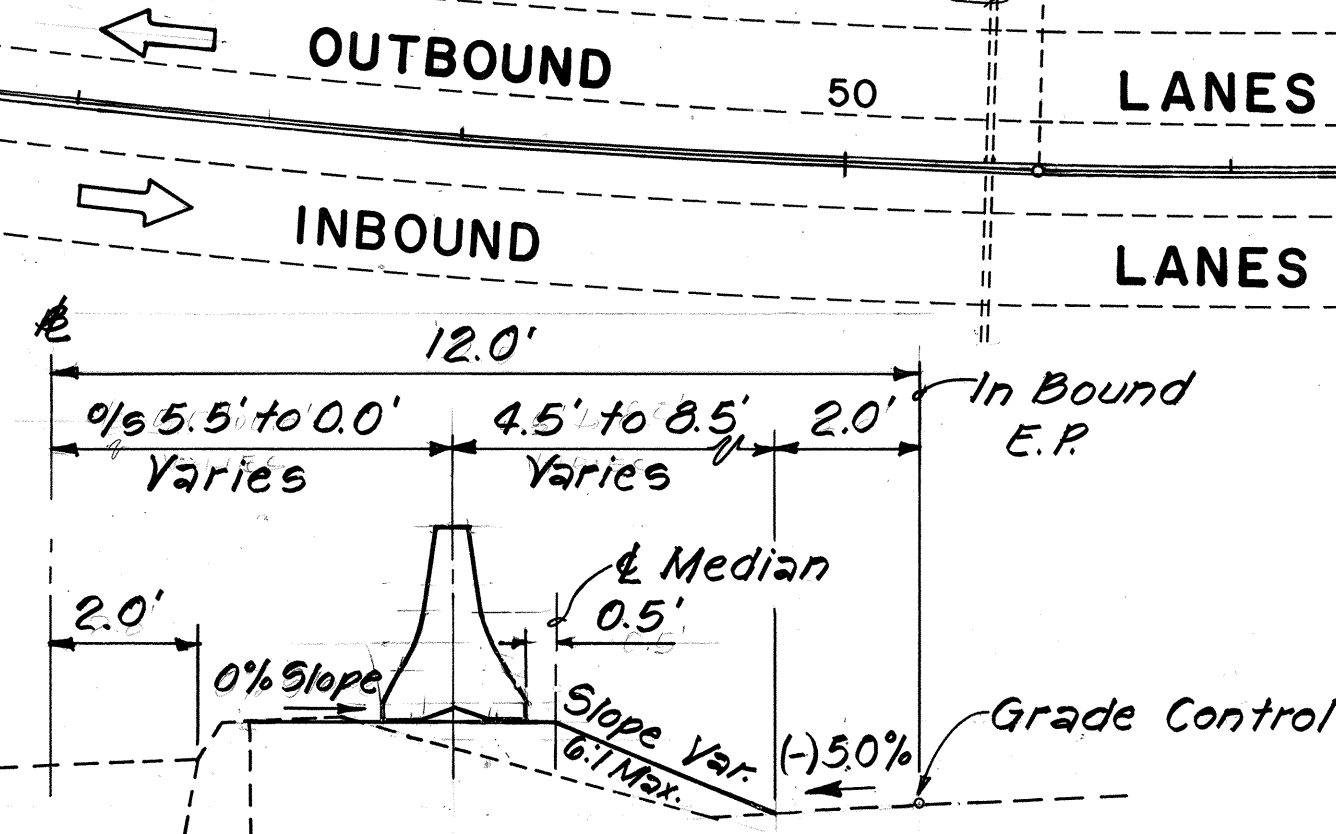
Existing C&C Monument to remain

To Waianae

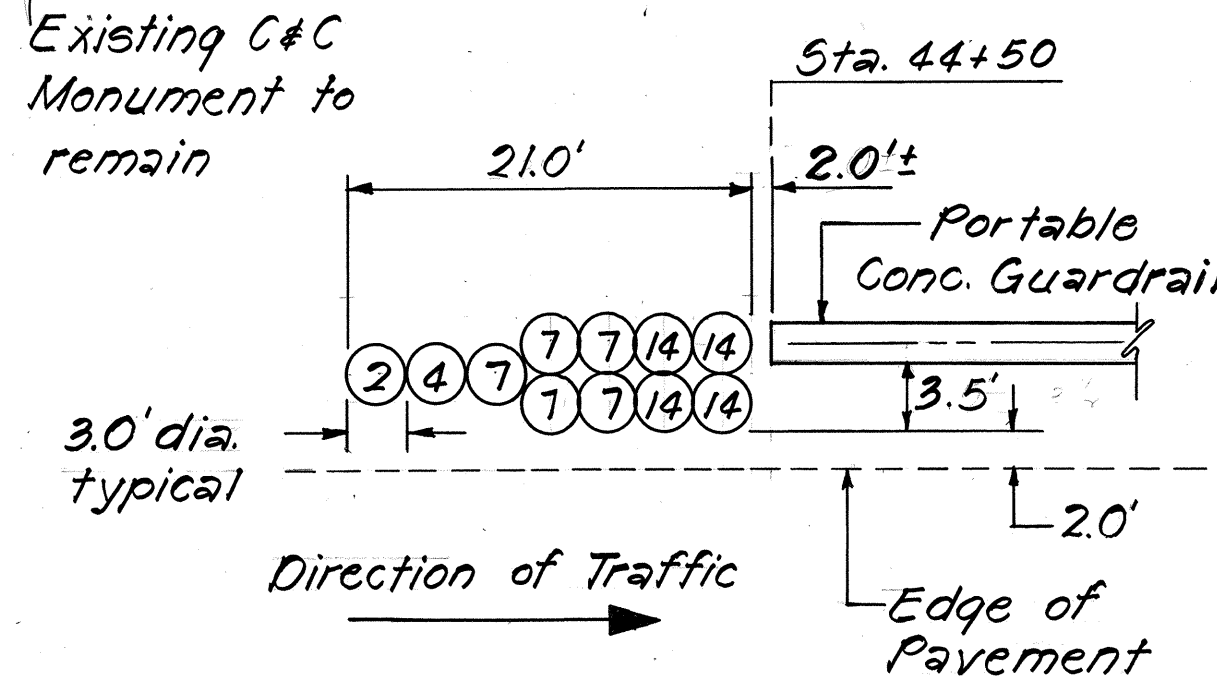
S.C. # STA. 44+18.27
R=2,864.79'



GRADING PLAN FOR INERTIAL BARRIER SYSTEM, TYPE II
(INSTALLATION AT STA. 44+28± TO STA. 44+49±)
Scale: 3/8"=1'-0"



GRADING PLAN FOR PORTABLE CONCRETE BARRIER
(INSTALLATION AT STA. 44+50± TO STA. 47+70±)
Scale: 3/8"=1'-0"



NOTE: Numbers indicate weight of sand in 100 lb. units

TERMINAL END TREATMENT INERTIAL BARRIER SYSTEM
TYPE II
Scale: Not to Scale

RELOCATE
TURN AHEAD

Existing Sign w/Post on Portable Concrete Guardrail. For Details, see Plan Sht. No. ADD 5.

ML. # STA. 58+00

See Plan Sheet No. C.O.4 9-1 for Portable Conc. Barrier Offset

S.C. # STA. 61+55.78
R=1,432.40'

S.T. # STA. 65+55.78

Existing C&C Monument to be abandoned

STA. 64+23± 1/2 4' Lt.
Install Reference Survey Monument

STA. 70+26± to STA. 70+47±
Install Terminal End Treatment:
Inertial Barrier System, Type I
For Details see Plan Sht. No. 3

Existing C&C Monument to remain

To Honolulu

PLAN ~ SECTION C
Scale: 1"=50'

5/5/86	Offset Portable Conc. Barrier from Sta. 62+48 to Sta. 69+68. See Plan Sht. No. C.O.45-1
11/1/85	Add relocation of existing signs.
Date	Revision

STATE OF HAWAII
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PLAN & DETAIL

FARRINGTON HWY. MEDIAN GUARDRAILS
NANAKULI TOWARDS PALAILAI

FED. AID PROJECT NO. HES-093-1(3)

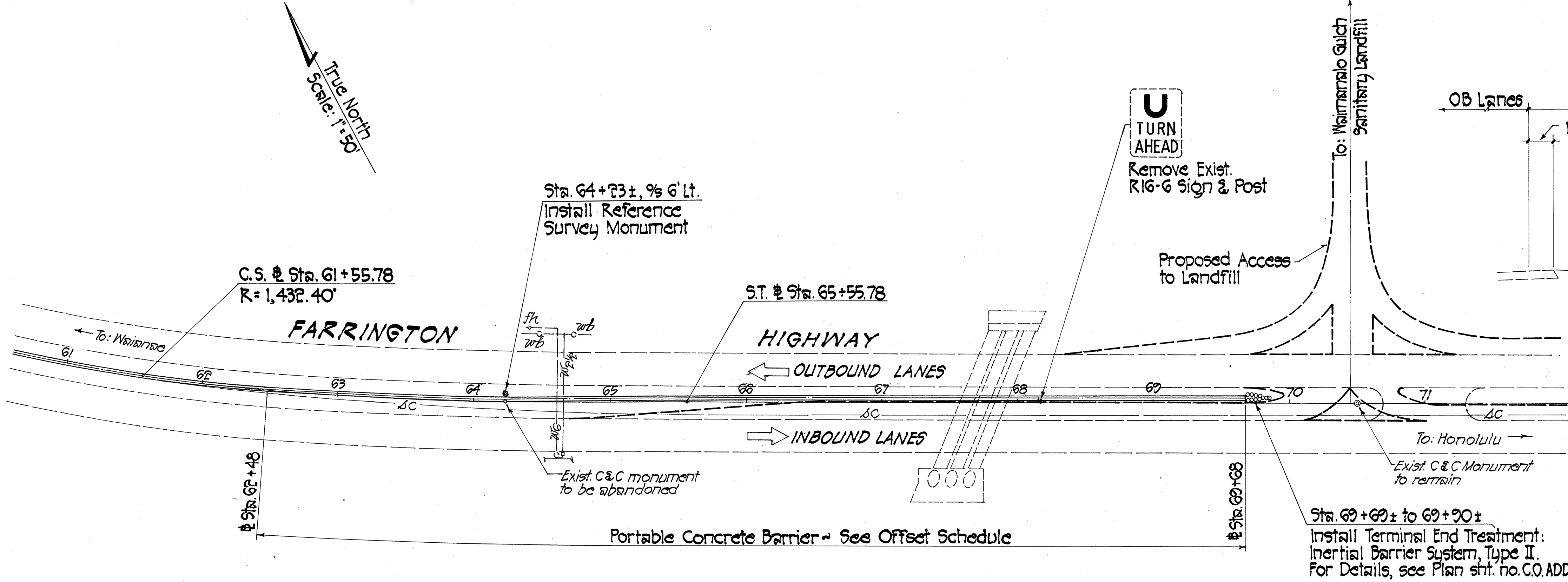
Scale: As Noted Date: June, 1985

SHEET NO. 2 OF 3 SHEETS

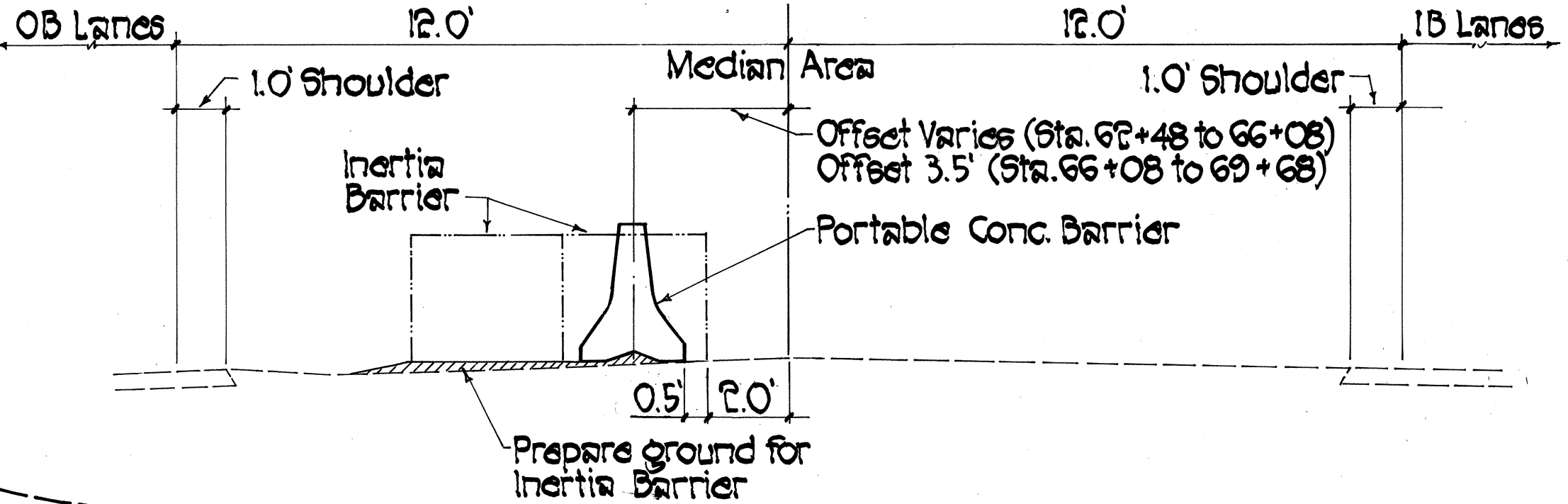
C.O. ADD. 4

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HES-093-1(8)	1986	45-1	9



PLAN
Scale: 1" = 50'



TYPICAL SECTION
Not to Scale

PORTABLE CONCRETE BARRIER OFF-SET SCHEDULE			
STATION	OFFSET (LEFT)	STATION	OFFSET (LEFT)
62+48	0.00	64+48	2.00'
62+68	0.13'	64+68	2.25'
62+88	0.25'	64+88	2.50'
63+08	0.38'	65+08	2.75'
63+28	0.50'	65+28	3.00'
63+48	0.75'	65+48	3.12'
63+68	1.00'	65+68	3.25'
63+88	1.25'	65+88	3.37'
64+08	1.50'	66+08	3.50'
64+28	1.75'	69+68	3.50'

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	CHECKED BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN & DETAIL

FARRINGTON HWY. MEDIAN GUARDRAILS
NANAKULI TOWARDS PALAILAI
FED. AID PROJECT NO. HES-093-1(8)
Scale: As Noted Date: May, 1986
SHEET No. 2A OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HES-093-1(8)	1986	5	9

