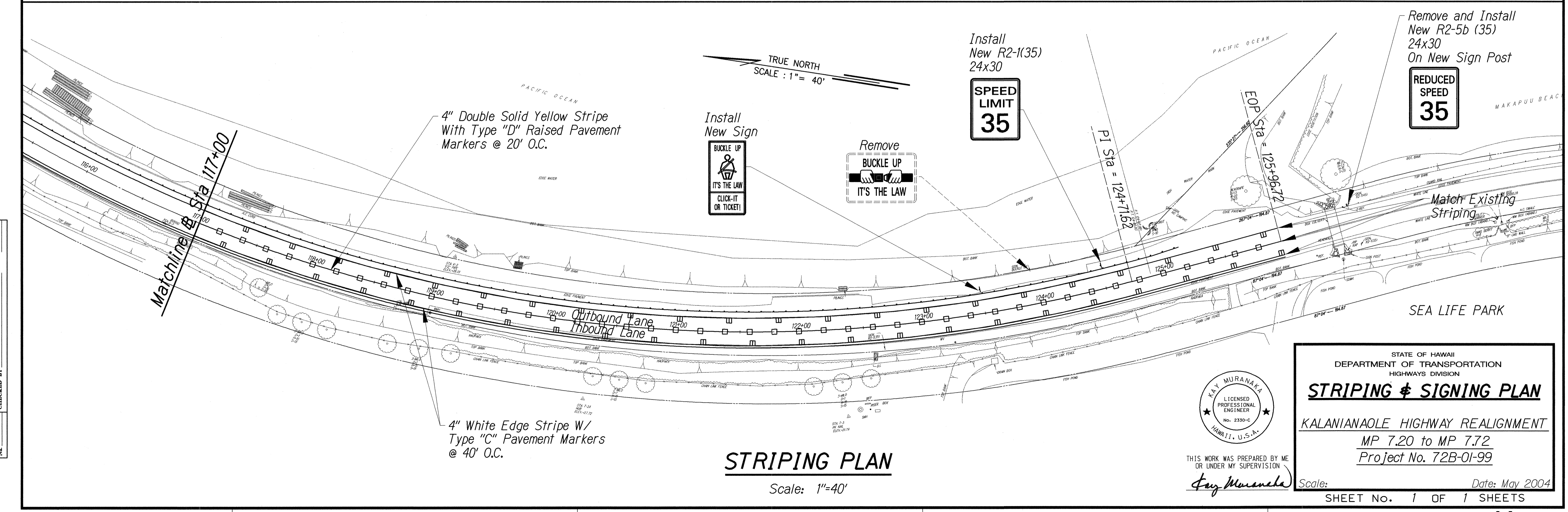
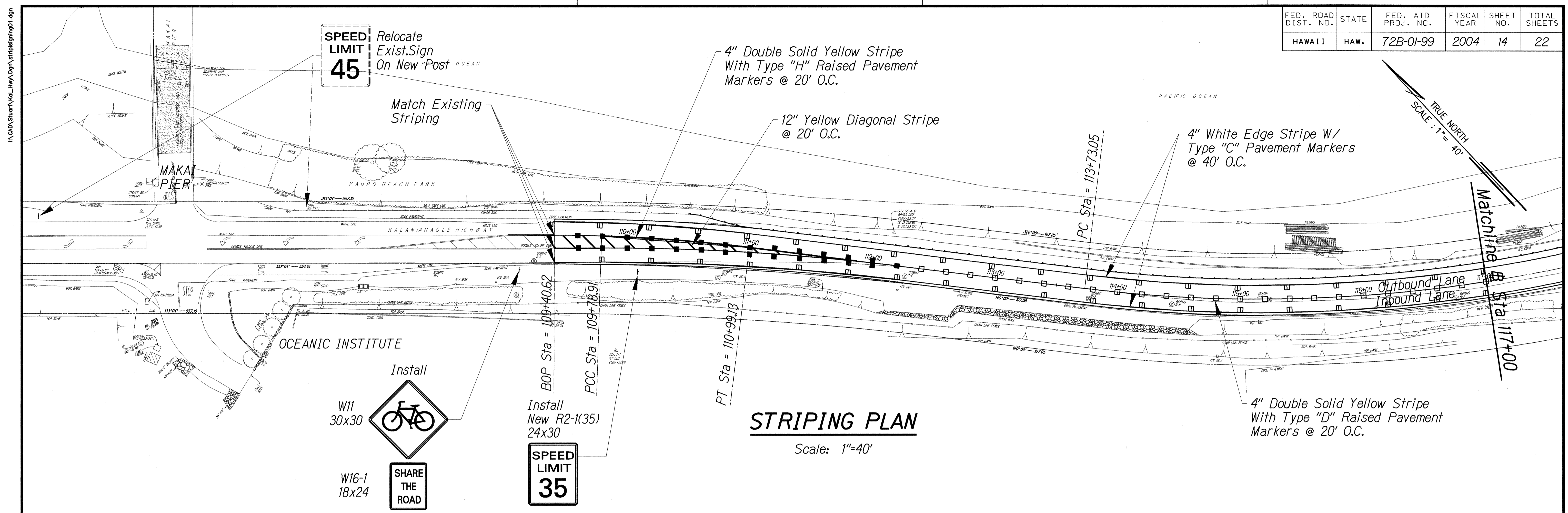
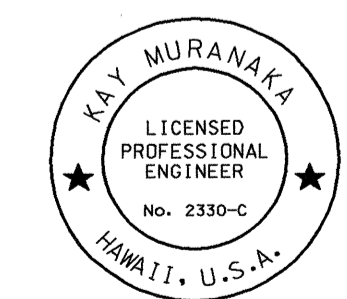


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	72B-01-99	2004	14	22



DATE
SURVEY PLOTTED BY
DESIGNED BY
QUANTITIES BY
CHECKED BY
ORIGINAL PLAN
NOTE BOOK
No.



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
Kai Muranaka

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

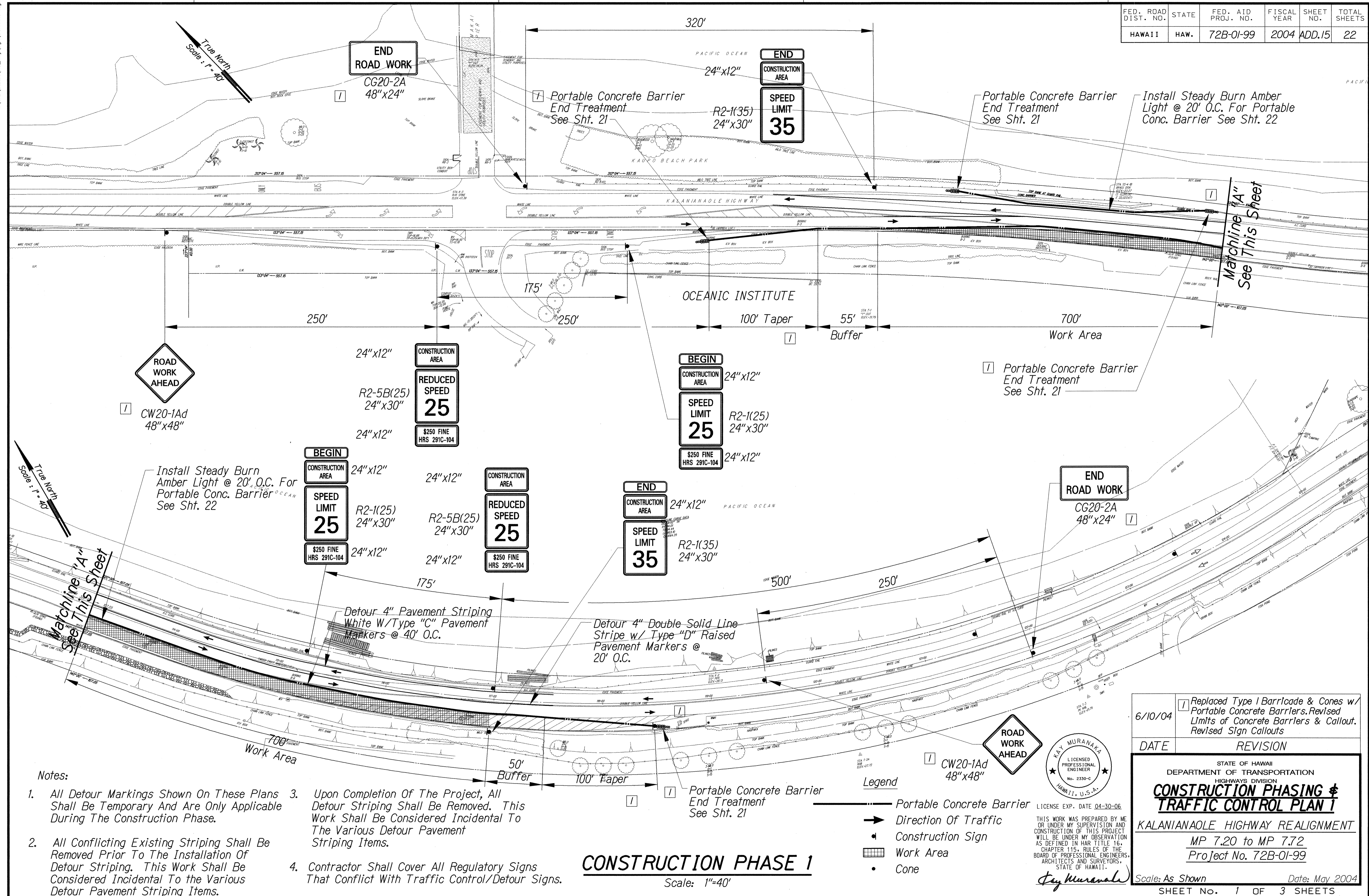
STRIPING & SIGNING PLAN

KALANIANA'OLE HIGHWAY REALIGNMENT
MP 7.20 to MP 7.72
Project No. 72B-01-99

Scale: _____ Date: May 2004

SHEET No. 1 OF 1 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	72B-01-99	2004	ADD.15	22



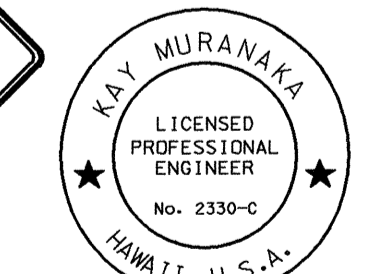
I:\CAD\Shuich\Kala_Hwy\Draw\traffic01.dwg

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
DESIGNED BY	
CHECKED BY	
NO. 1	
NO. 2	
NO. 3	
NO. 4	

- Notes:
- All Detour Markings Shown On These Plans Shall Be Temporary And Are Only Applicable During The Construction Phase.
 - All Conflicting Existing Striping Shall Be Removed Prior To The Installation Of Detour Striping. This Work Shall Be Considered Incidental To the Various Detour Pavement Striping Items.
 - Upon Completion Of The Project, All Detour Striping Shall Be Removed. This Work Shall Be Considered Incidental To The Various Detour Pavement Striping Items.
 - Contractor Shall Cover All Regulatory Signs That Conflict With Traffic Control/Detour Signs.

CONSTRUCTION PHASE 1
Scale: 1"=40'

- Legend
- Portable Concrete Barrier
 - Direction Of Traffic
 - ⬇ Construction Sign
 - ▨ Work Area
 - Cone



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Kay Muranaka

6/10/04	Replaced Type I Barricade & Cones w/ Portable Concrete Barriers. Revised Limits of Concrete Barriers & Callout. Revised Sign Callouts
DATE	REVISION

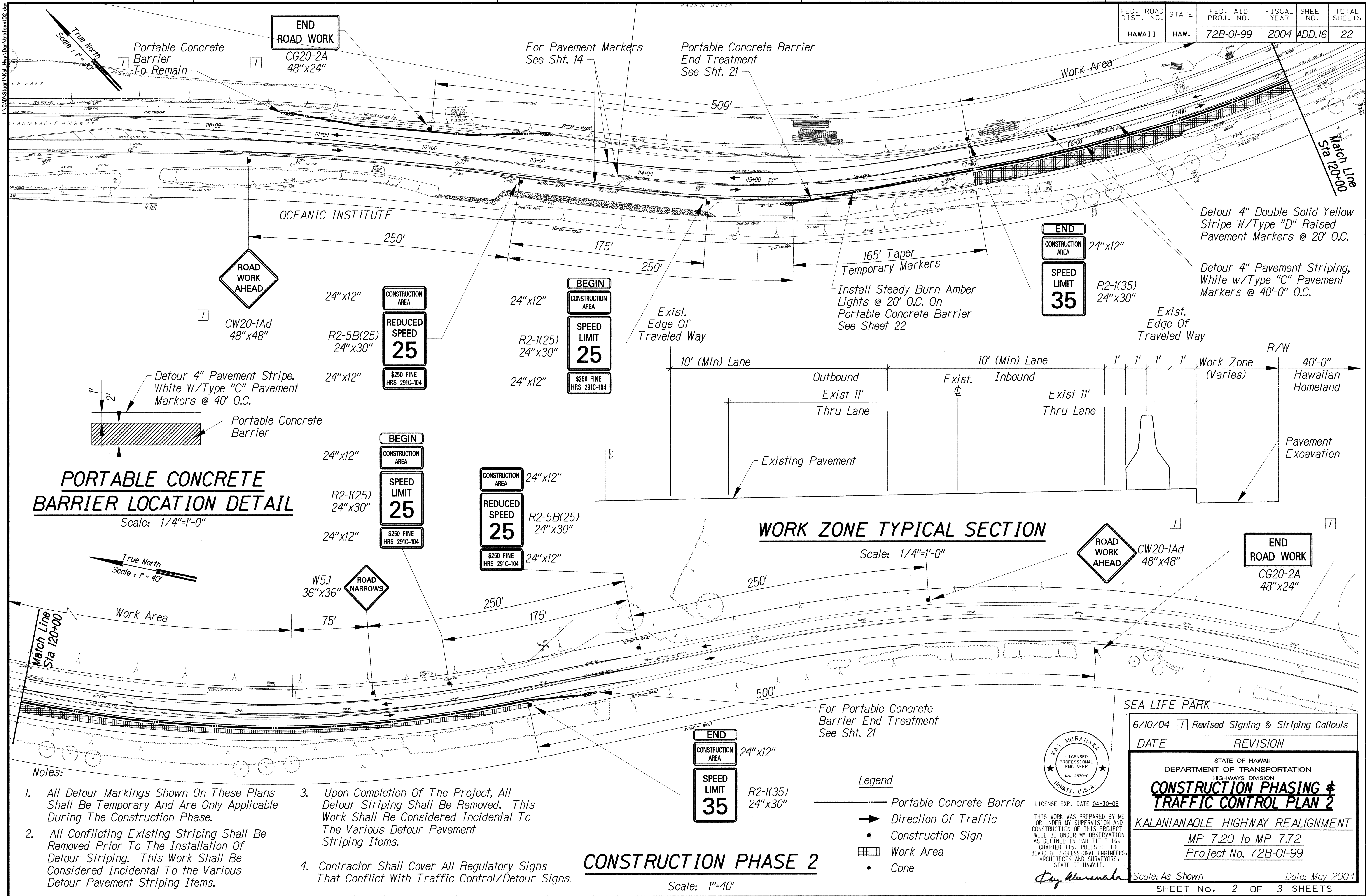
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION PHASING & TRAFFIC CONTROL PLAN 1

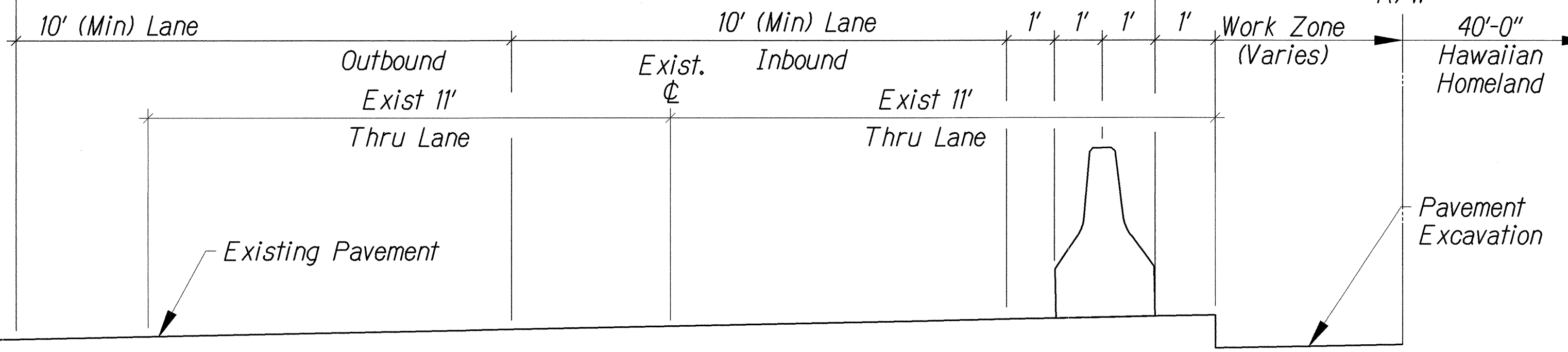
KALANIANA'OLE HIGHWAY REALIGNMENT

MP 7.20 to MP 7.72
Project No. 72B-01-99

Scale: As Shown Date: May 2004
SHEET No. 1 OF 3 SHEETS



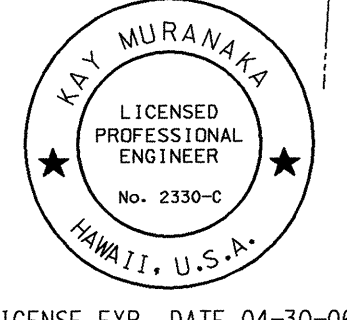
WORK ZONE TYPICAL SECTION
Scale: 1/4"=1'-0"



- Notes:
- All Detour Markings Shown On These Plans Shall Be Temporary And Are Only Applicable During The Construction Phase.
 - All Conflicting Existing Striping Shall Be Removed Prior To The Installation Of Detour Striping. This Work Shall Be Considered Incidental To The Various Detour Pavement Striping Items.
 - Upon Completion Of The Project, All Detour Striping Shall Be Removed. This Work Shall Be Considered Incidental To The Various Detour Pavement Striping Items.
 - Contractor Shall Cover All Regulatory Signs That Conflict With Traffic Control/Detour Signs.

CONSTRUCTION PHASE 2
Scale: 1"=40'

- Legend
- Portable Concrete Barrier
 - Direction Of Traffic
 - Construction Sign
 - ▨ Work Area
 - Cone



SEA LIFE PARK

6/10/04 [1] Revised Signing & Striping Callouts

DATE REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION PHASING & TRAFFIC CONTROL PLAN 2

KALANIANA'OLE HIGHWAY REALIGNMENT

MP 7.20 to MP 7.72

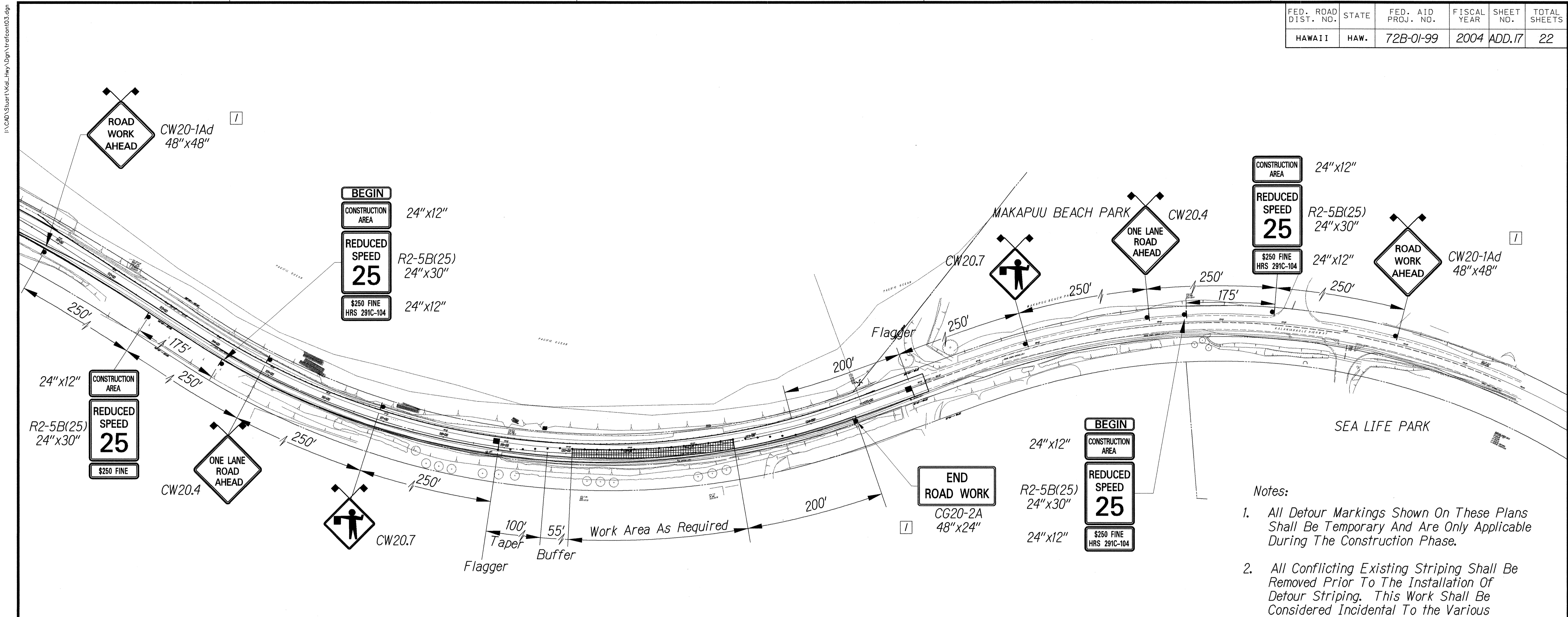
Project No. 72B-01-99

Scale: As Shown Date: May 2004

SHEET No. 2 OF 3 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NOTE BOOK	
NO.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	72B-01-99	2004	ADD.17	22



CONSTRUCTION PHASE 3

Scale: 1"=80'

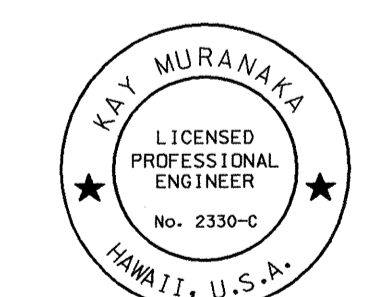
Legend

- ➔ Direction Of Traffic
- ◼ Construction Sign
- ▨ Work Area
- Cone
- Flagger

Notes:

1. All Detour Markings Shown On These Plans Shall Be Temporary And Are Only Applicable During The Construction Phase.
2. All Conflicting Existing Striping Shall Be Removed Prior To The Installation Of Detour Striping. This Work Shall Be Considered Incidental To The Various Detour Pavement Striping Items.
3. Upon Completion Of The Project, All Detour Striping Shall Be Removed. This Work Shall Be Considered Incidental To The Various Detour Pavement Striping Items.
4. Contractor Shall Cover All Regulatory Signs That Conflict With Traffic Control/Detour Signs.

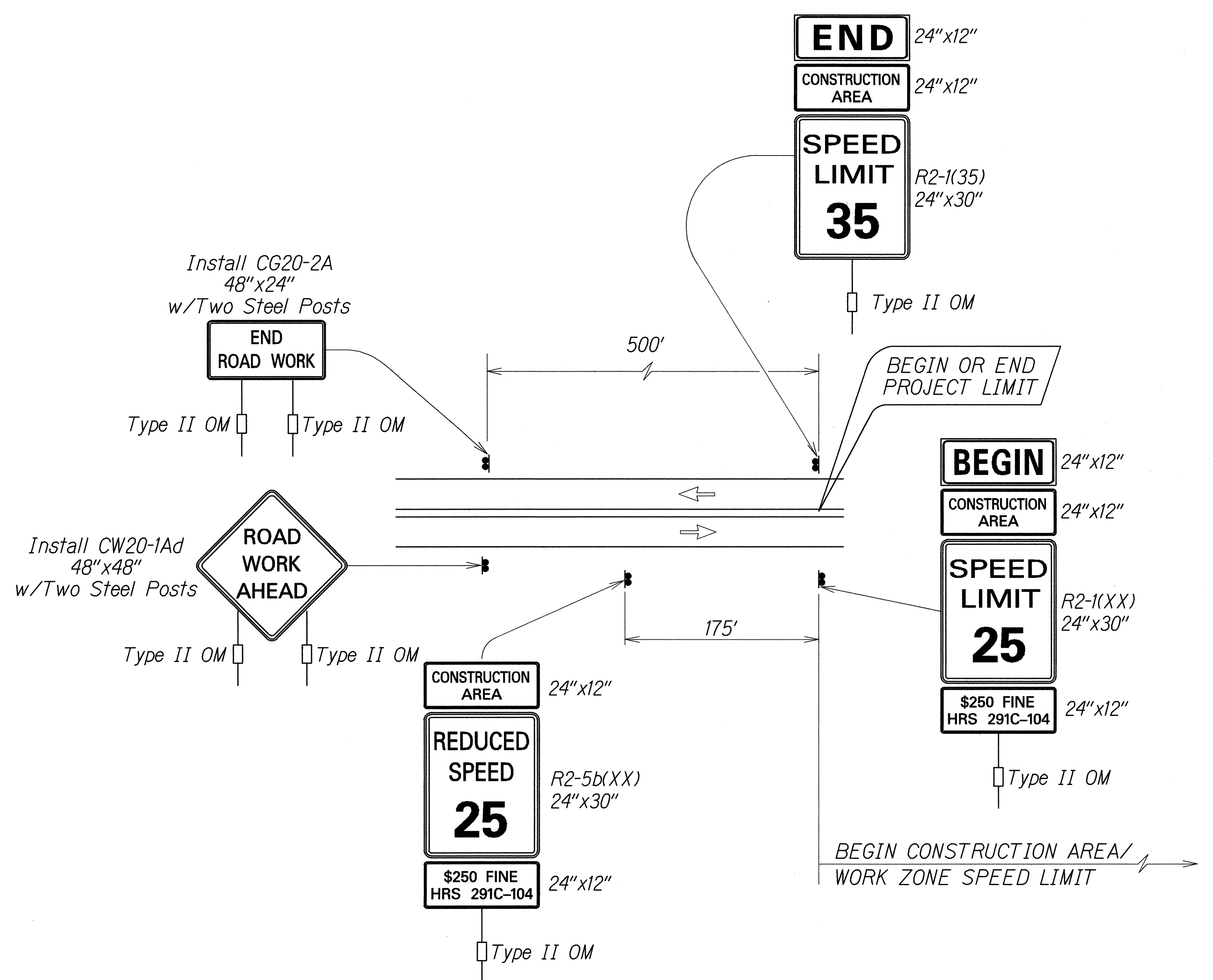
SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
DESIGNED BY	
NOTED BY	
CHECKED BY	



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Kay Muranaka

6/10/04	1	Revised Sign Callouts
DATE		REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION CONSTRUCTION PHASING & TRAFFIC CONTROL PLAN 3 KALANIANA'OLE HIGHWAY REALIGNMENT MP 7.20 to MP 7.72 Project No. 72B-01-99		
Scale: As Shown		Date: May 2004
SHEET No. 3 OF 3 SHEETS		

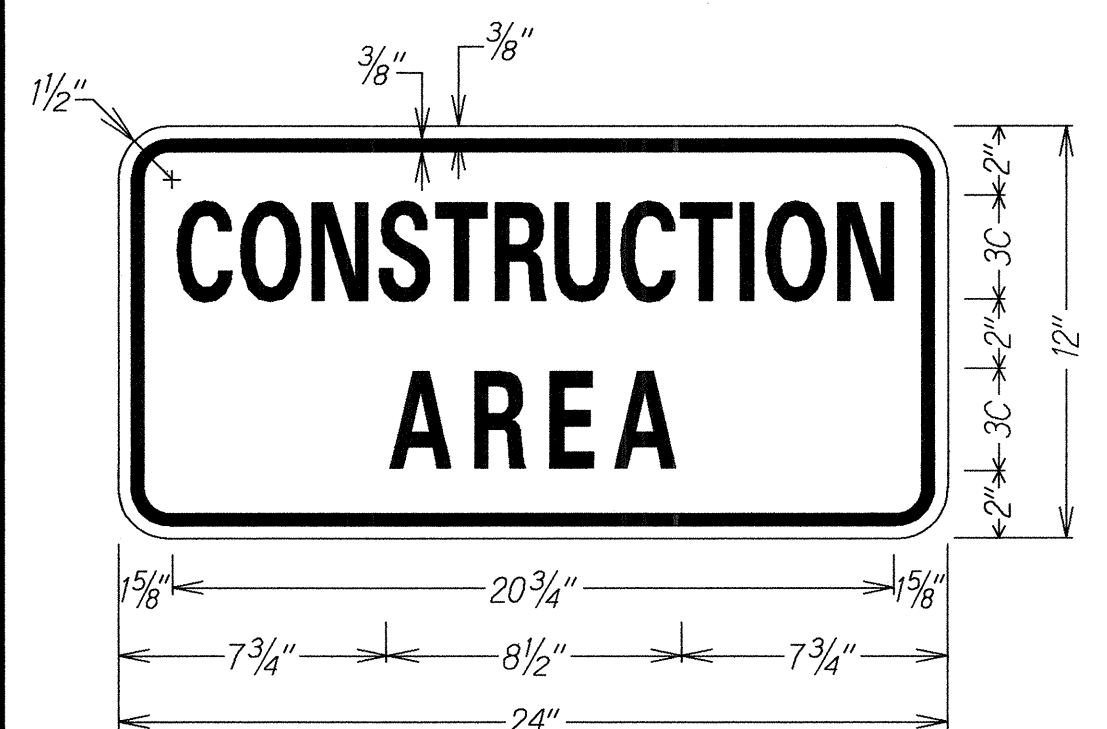


Work Zone Notes:

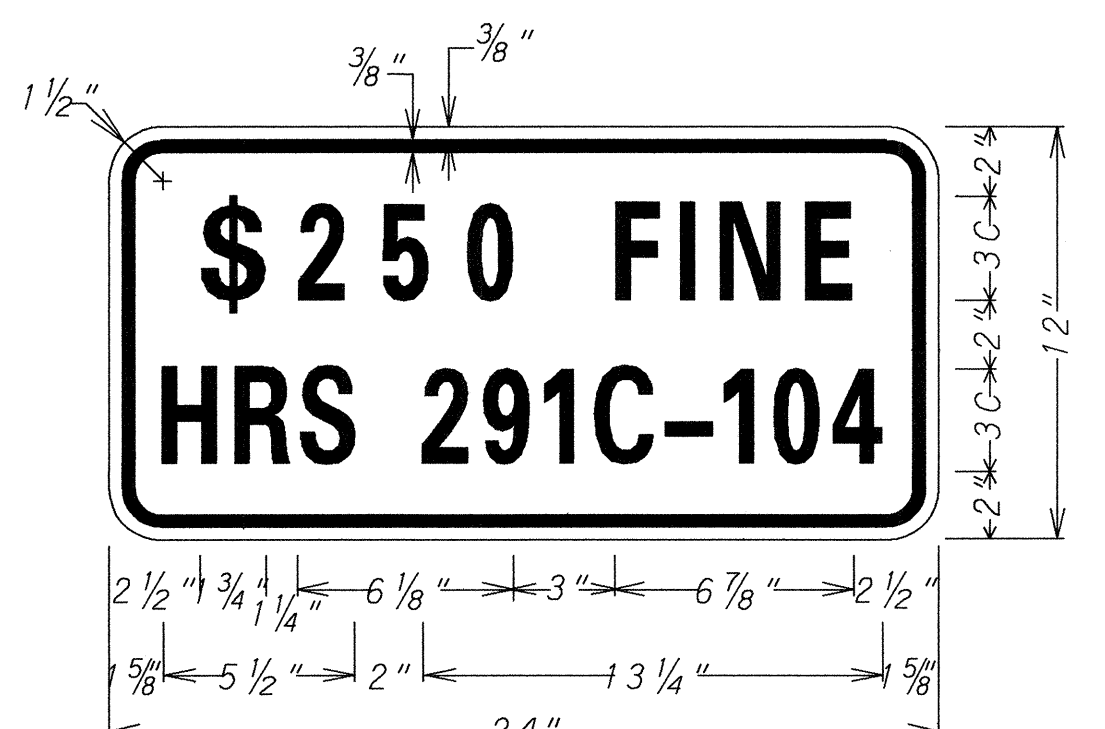
1. This Work Zone Sign Plan is intended for use on long-term stationary work zones/construction phases (3 days or more). All work zones or construction phases less than 3 days duration will use Traffic Control Plans shown in Section 645 of the Special Provisions.
2. All existing regulatory speed limit signs with posts within the work zone/project limits shall be removed and replaced with work zone speed limit sign assemblies (R2-1(XX) and R2-5b(XX) with "CONSTRUCTION AREA" and "\$250 FINE HRS 291C-104" Supplemental Signs).
3. Construction sign assemblies shall be installed on both the approaching and trailing ends of each work zone as shown on this plan.
4. Each construction warning sign shall have a minimum of two (2) Type II OM. Each work zone speed limit assembly shall have a minimum of one (1) Type II OM. Installation of each Type II OM shall be considered incidental to Item No. 621.7100, Construction Sign with Post.
5. Upon the completion of all physical work or as directed by the Engineer, all construction signs and work zone speed limit assemblies shall be removed. All speed limit signs and posts that were existing at the start of the project within the work zone/project limits shall be restored back to their original locations and configurations.
6. Placement of construction signs shall not obstruct the path of pedestrians and bicyclists.
7. The removal and restoration of existing regulatory speed limit signs shall be considered incidental to Item No. 621.7100, Construction Sign with Post.
8. The installation, maintenance and removal of work zone speed limit sign assemblies shall be paid for under Item No. 621.7100, Construction Sign with Post.
9. The work zone speed limit signs shall be new and become the property of the Contractor.
10. The relocation of construction signs for temporary detours, construction phasing, or other temporary traffic control work shall be considered incidental to item No. 621.7100, construction sign with post.

**TYPICAL DETAIL FOR CONSTRUCTION SIGNS
ON TWO LANE OR MULTILANE UNDIVIDED LOW SPEED HIGHWAY**

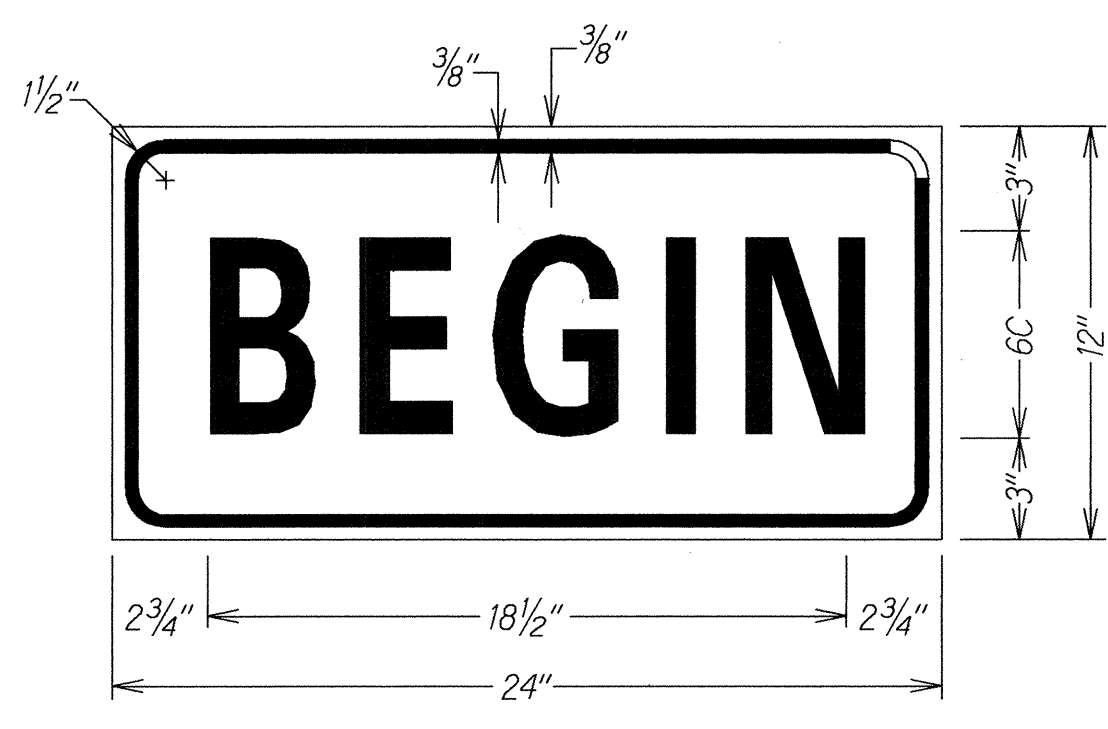
SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
DESIGNED BY	
CHECKED BY	
NO. _____	



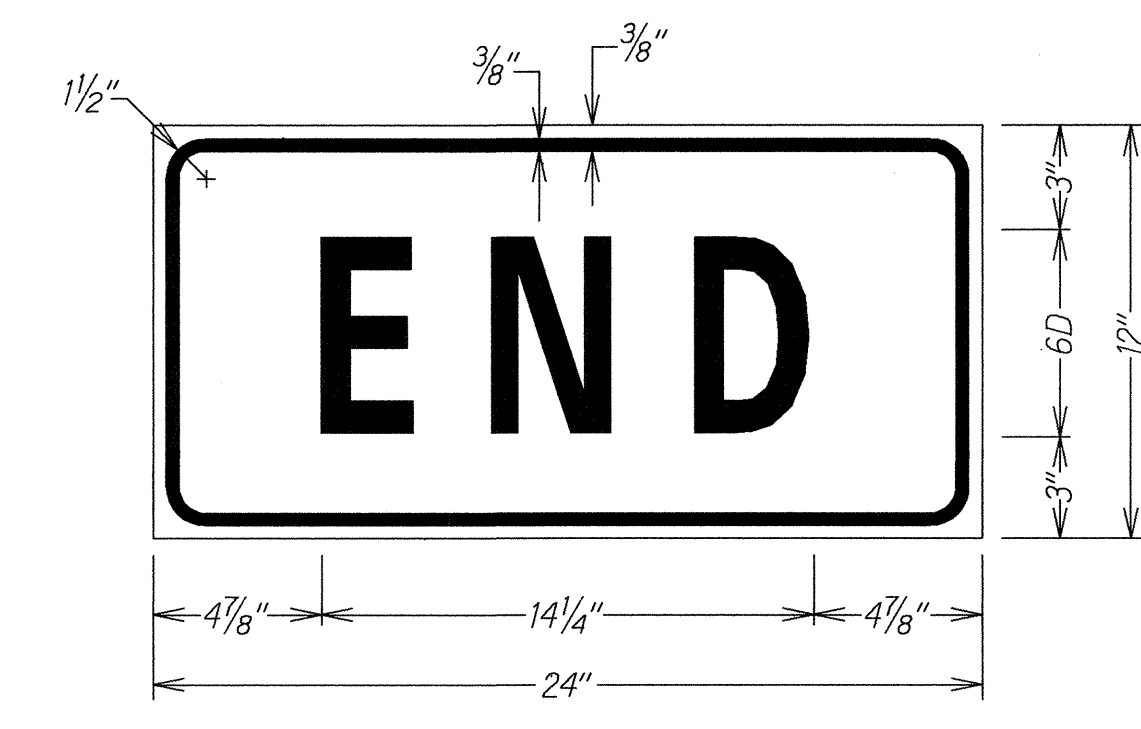
LEGEND: BLACK
BACKGROUND: ORANGE



LEGEND: BLACK
BACKGROUND: WHITE



LEGEND: BLACK
BACKGROUND: ORANGE



LEGEND: BLACK
BACKGROUND: ORANGE



LICENSE EXP. DATE 04-30-06
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Kay Muranaka

6/10/04	1	Revised & Added Work Zone Notes
DATE		REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION LOW SPEED UNDIVIDED HIGHWAY WORK ZONE SIGNING PLAN, NOTES&DETAILS		
KALANIANA'OLE HIGHWAY REALIGNMENT MP 7.20 to MP 7.72 Project No. 72B-01-99		
Scale:		Date: May 2004
SHEET No. OF SHEETS		