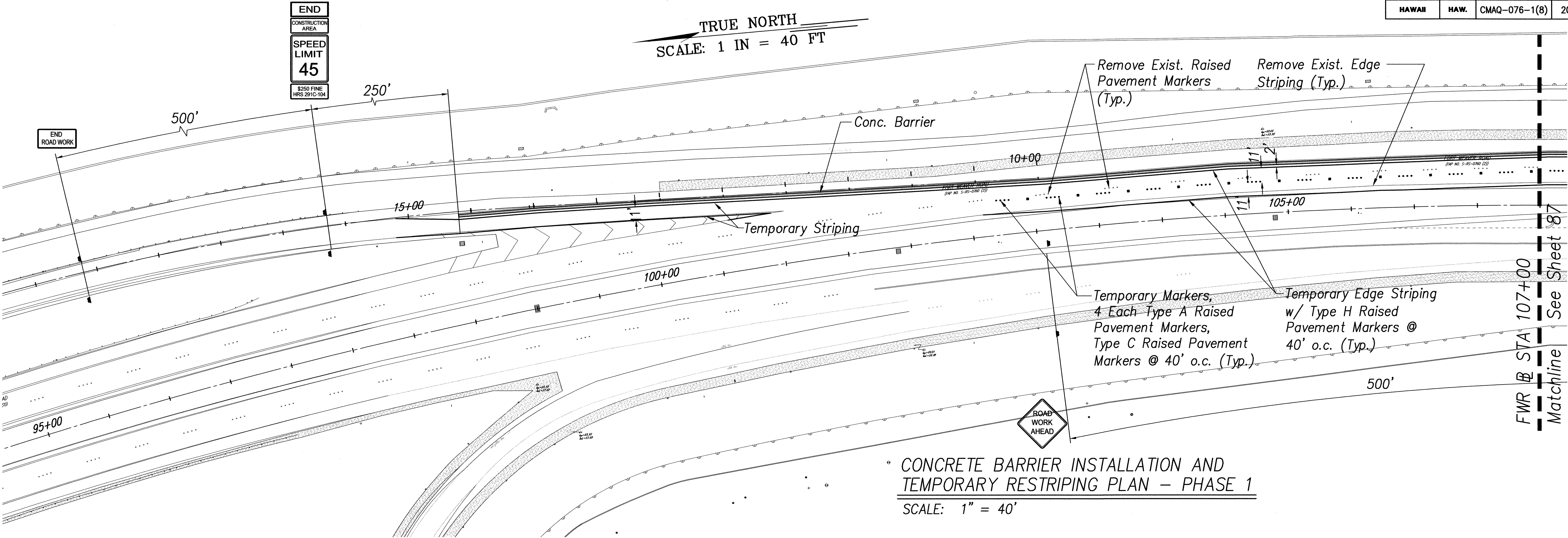


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(8)	2004	86	127



CONCRETE BARRIER INSTALLATION AND  
TEMPORARY RESTRIPIING PLAN – PHASE 1  
SCALE: 1" = 40'

NOTES:

- The State will pay for 120 portable concrete barriers. The Contractor shall fabricate, deliver, furnish, install, maintain and relocate the barriers throughout the construction period. Upon completion of the project, the barriers shall become the property of the State, the Contractor shall remove the barriers and deliver to the State's baseyard.
- The road (including lighting and traffic signal system) shall remain continuously operational throughout the construction period. Phase the work as follows to minimize disruptions to traffic:
  - Phase 1 – Southbound lanes South of Laulaunui Street and Northbound lanes North of Laulaunui Street. Median curbs along Northbound lanes South of Laulaunui Street.
  - Phase 2 – Northbound lanes South of Laulaunui Street. Southbound lanes between Ramp "C" and Laulaunui Street. Median curbs along Southbound lanes South of Laulaunui Street.
  - Phase 3 – Southbound lanes North of Ramp "C".
  - Phase 4 – Laulaunui Street intersection and Ramp "C." See Sheet 96 for Ramp Closure Detour Plan. Expedite work along Ramp "C" to minimize length of time ramp is closed. Limit Ramp "C" closure to a maximum of 45 calendar days.
- Remove existing striping and marking and provide temporary striping and marking as shown. Maintain temporary striping and markings. Remove all temporary signing, striping and marking upon completion of work. Replace all signing, striping and marking removed for installation of the temporary lanes. This work will not be paid for separately but will be considered incidental to the various contract items.
- See Sheet 85 for work zone signing.
- The existing bus stops shall be temporarily relocated as shown on Sheet 95.
- See Electrical Drawings for temporary modifications to traffic signal system during construction.

ORIGINAL PLAN	DATE
SURVEYED BY	
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NO.	

KENNETH O. NAGAI  
LICENSED PROFESSIONAL ENGINEER  
No. 3265-C  
HAWAII, U.S.A.  
APRIL 30, 2004  
EXPIRATION DATE OF LICENSE  
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

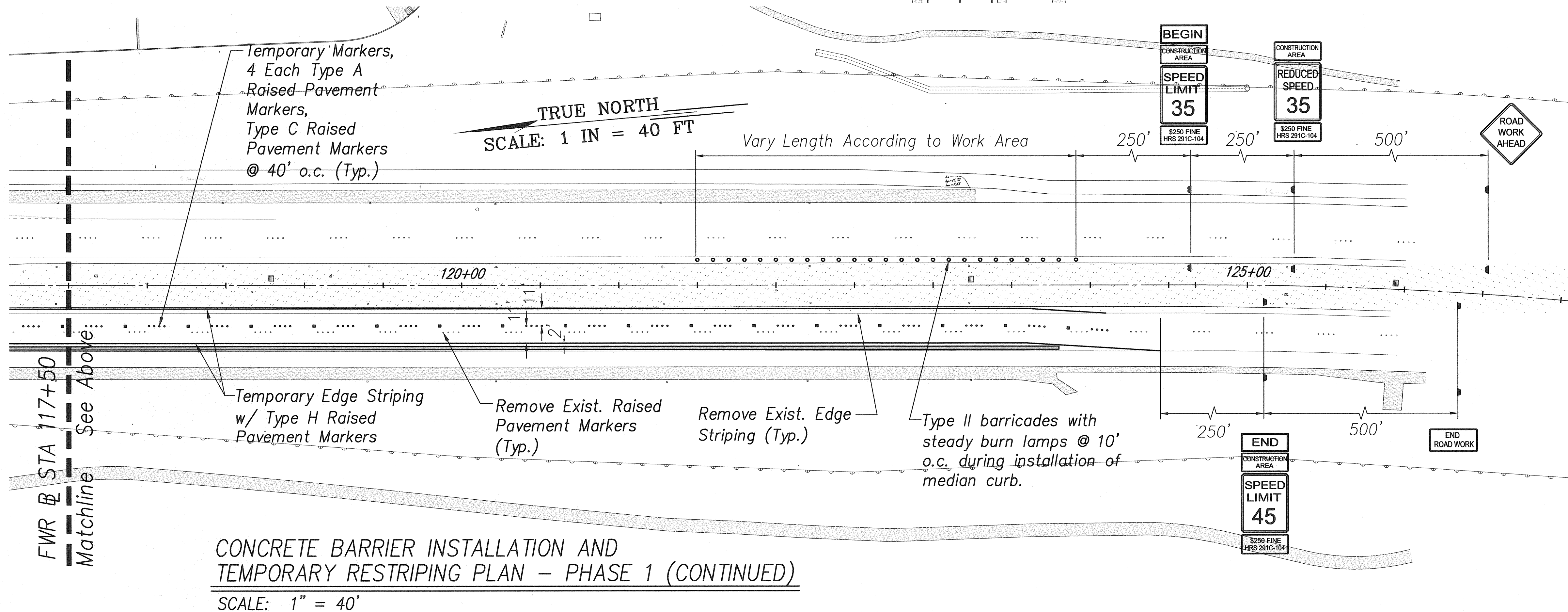
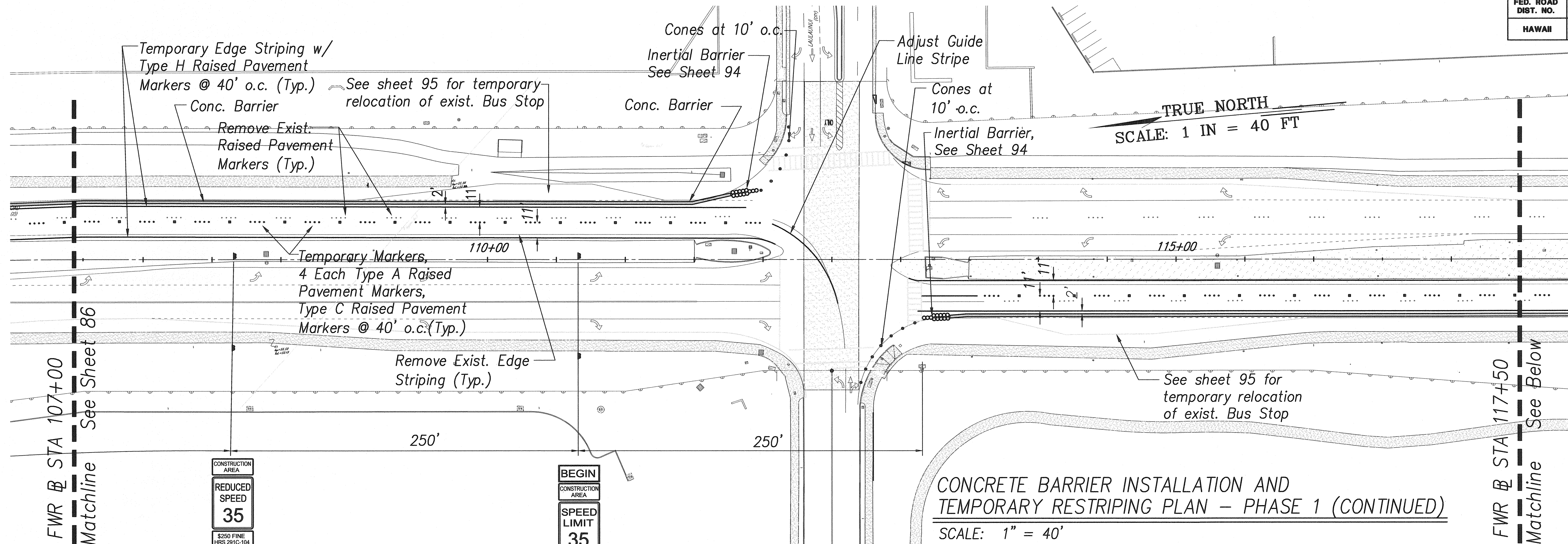
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

CONCRETE BARRIER INSTALLATION AND  
TEMPORARY RESTRIPIING PLAN – PHASE 1  
FORT WEAVER ROAD WIDENING  
NEAR LAULAUNUI STREET  
FEDERAL AID PROJECT NO. CMAQ-076-1(8)  
SCALE: AS NOTED  
DATE: October 2003

SHEET No. 1 OF 7 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(8)	2004	87	127



DATE	_____
SURVEY PLOTTED BY	_____
ORIGINAL PLAN	_____
DESIGNED BY	_____
TRACED BY	_____
CHECKED BY	_____
NO.	_____

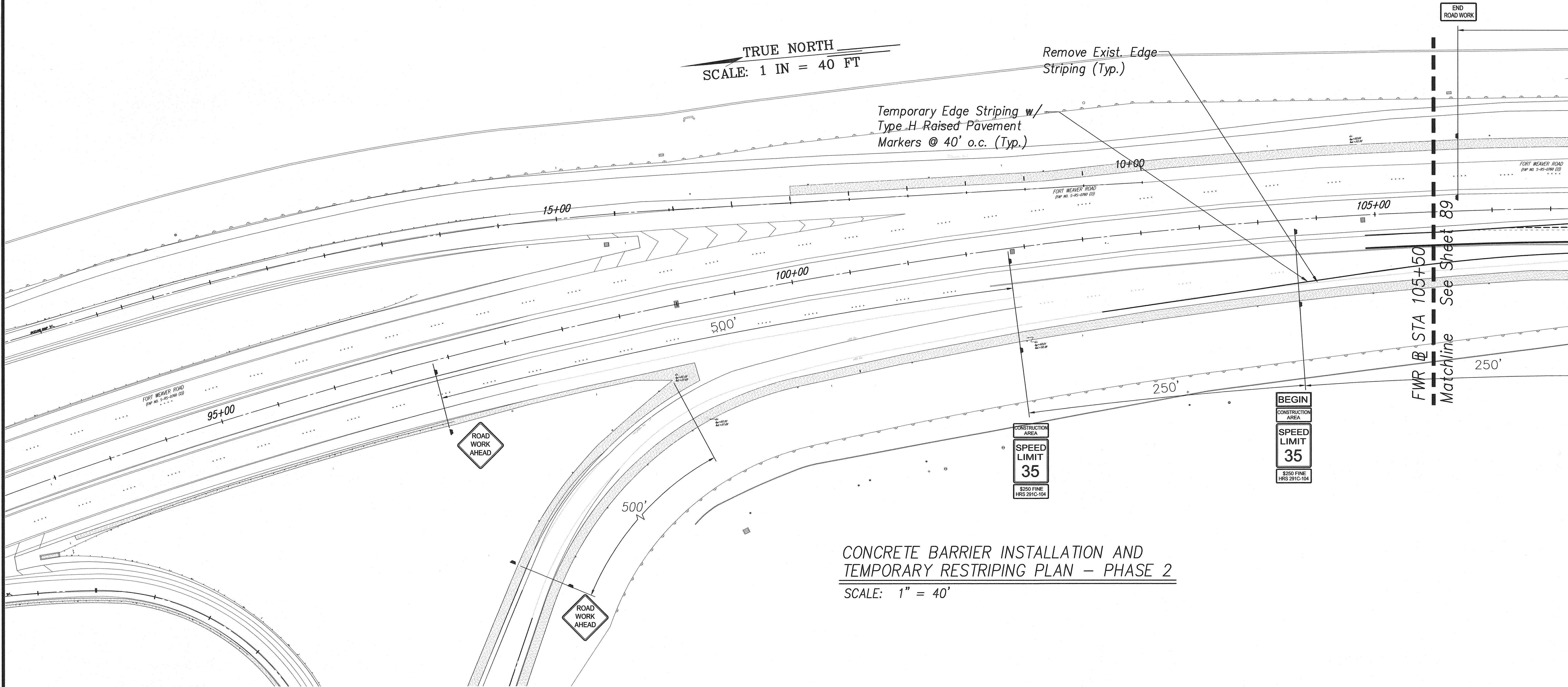
KENNETH O. NAGAI  
 LICENSED PROFESSIONAL ENGINEER  
 No. 3265-C  
 HAWAII, U.S.A.  
 SIGNATURE  
 APRIL 30, 2004  
 EXPIRATION DATE OF LICENSE  
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STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

CONCRETE BARRIER INSTALLATION AND  
TEMPORARY RESTRIPIING PLAN - PHASE 1  
FORT WEAVER ROAD WIDENING  
NEAR LAULAUNUI STREET  
FEDERAL AID PROJECT NO. CMAQ-076-1(8)  
SCALE: AS NOTED  
DATE: October 2003  
SHEET No. 2 OF 7 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(8)	2004	88	127



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

KENNETH O. NAGAI  
LICENSED PROFESSIONAL ENGINEER  
No. 3265-C  
HAWAII, U.S.A.

*[Signature]*  
SIGNATURE  
APRIL 30, 2004  
EXPIRATION DATE OF LICENSE

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**CONCRETE BARRIER INSTALLATION AND TEMPORARY RESTRIPIING PLAN - PHASE 2**

**FORT WEAVER ROAD WIDENING NEAR LAULAUNUI STREET**

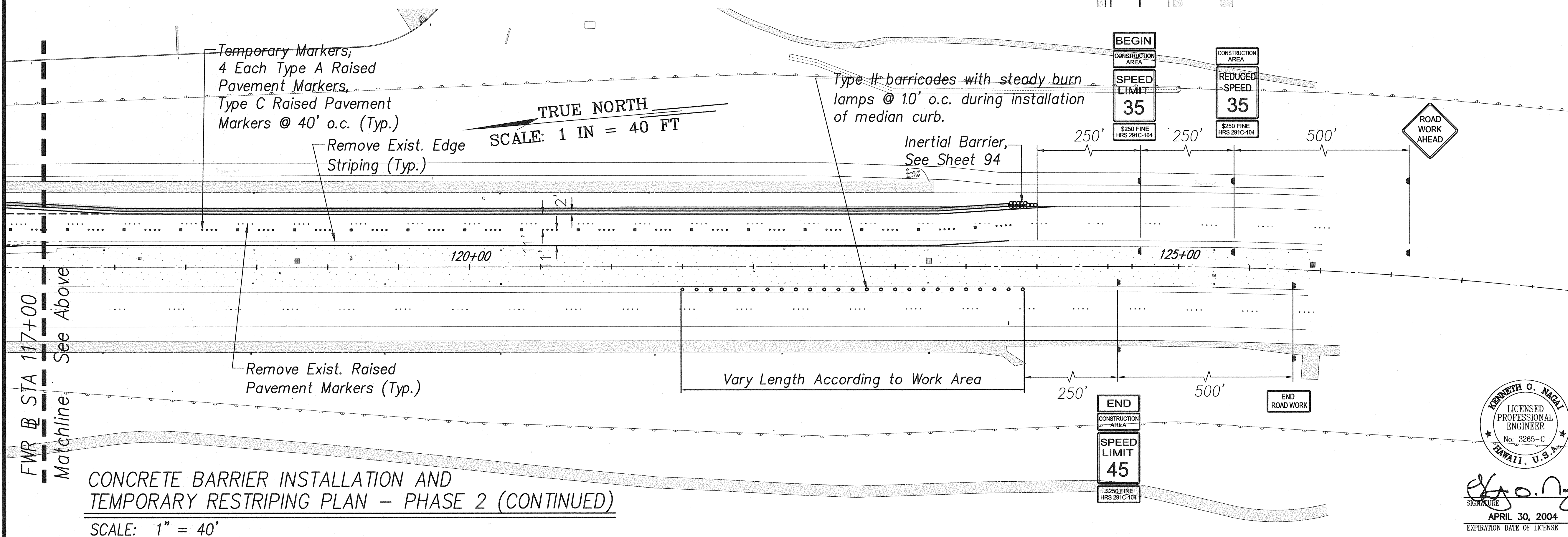
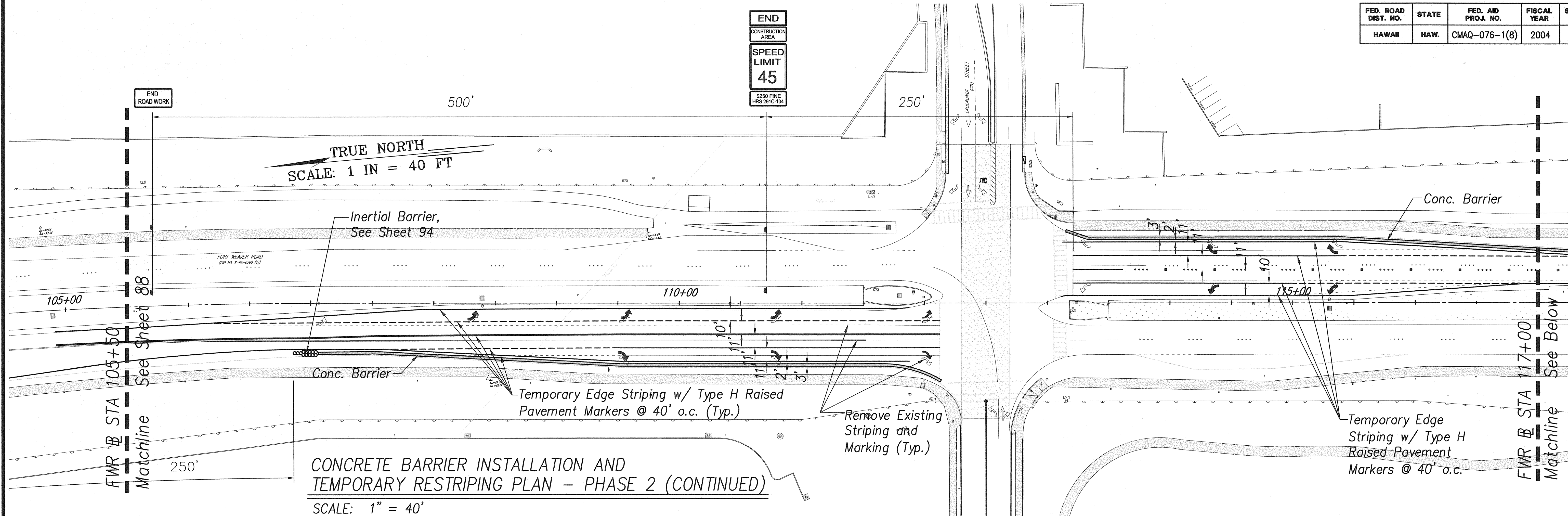
FEDERAL AID PROJECT NO. CMAQ-076-1(8)

SCALE: AS NOTED DATE: October 2003

SHEET No. 3 OF 7 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(8)	2004	89	127



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

KENNETH O. NAGAI  
LICENSED PROFESSIONAL ENGINEER  
No. 3265-C  
HAWAII, U.S.A.

Signature: *[Signature]*  
APRIL 30, 2004  
EXPIRATION DATE OF LICENSE  
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**CONCRETE BARRIER INSTALLATION AND TEMPORARY RESTRIPIING PLAN - PHASE 2**

FORT WEAVER ROAD WIDENING  
NEAR LAULAUNUI STREET

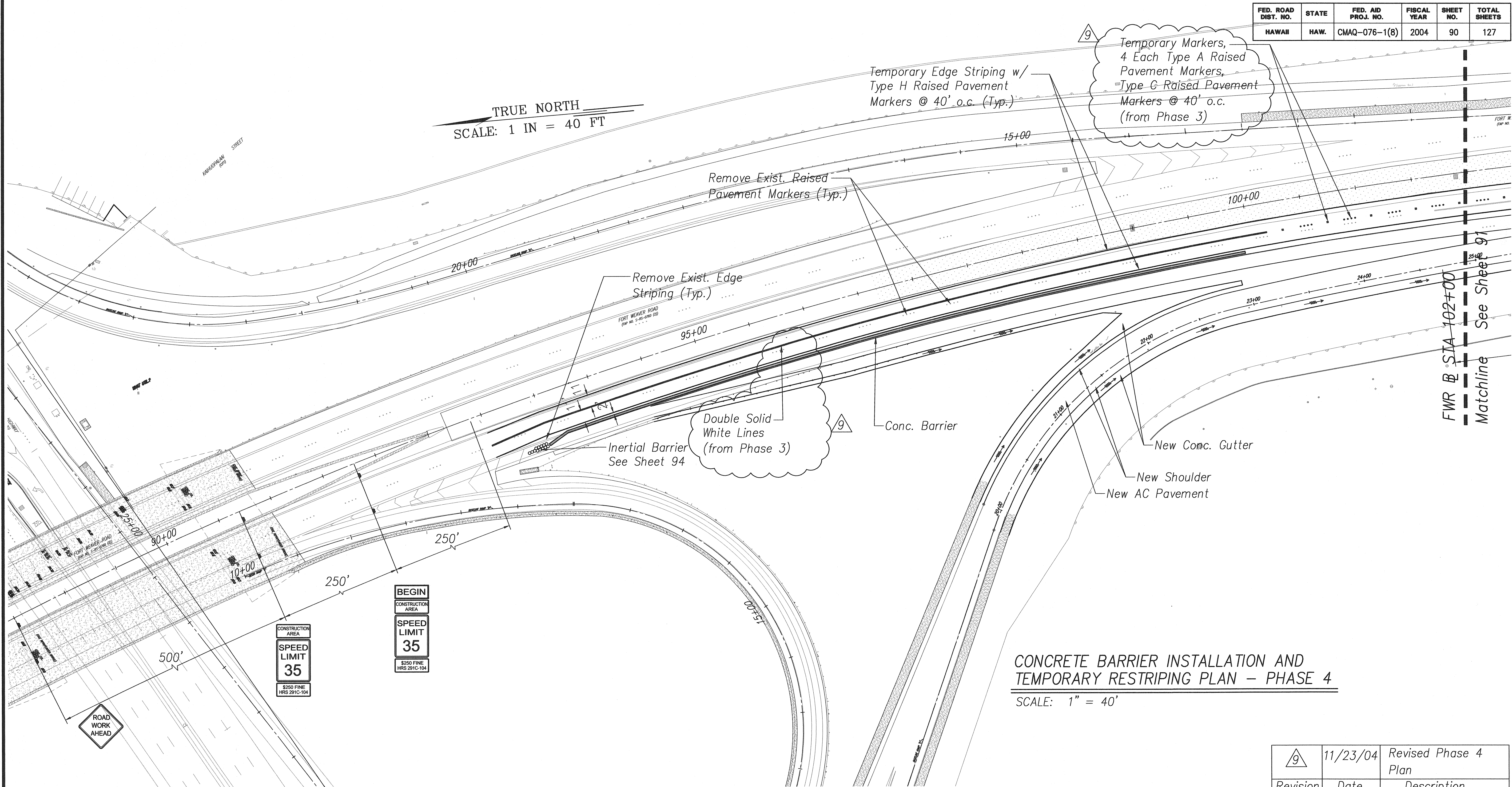
FEDERAL AID PROJECT NO. CMAQ-076-1(8)

SCALE: AS NOTED DATE: October 2003

SHEET No. 4 OF 7 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(8)	2004	90	127



CONCRETE BARRIER INSTALLATION AND  
TEMPORARY RESTRIPIING PLAN – PHASE 4  
SCALE: 1" = 40'

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

Signature: *[Handwritten Signature]*

APRIL 30, 2006

EXPIRATION DATE OF LICENSE

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

Revision	Date	Description
9	11/23/04	Revised Phase 4 Plan

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

CONCRETE BARRIER INSTALLATION AND  
TEMPORARY RESTRIPIING PLAN – PHASE 4  
FORT WEAVER ROAD WIDENING  
NEAR LAULAUNUI STREET  
FEDERAL AID PROJECT NO. CMAQ-076-1(8)  
SCALE: AS NOTED  
DATE: October 2003

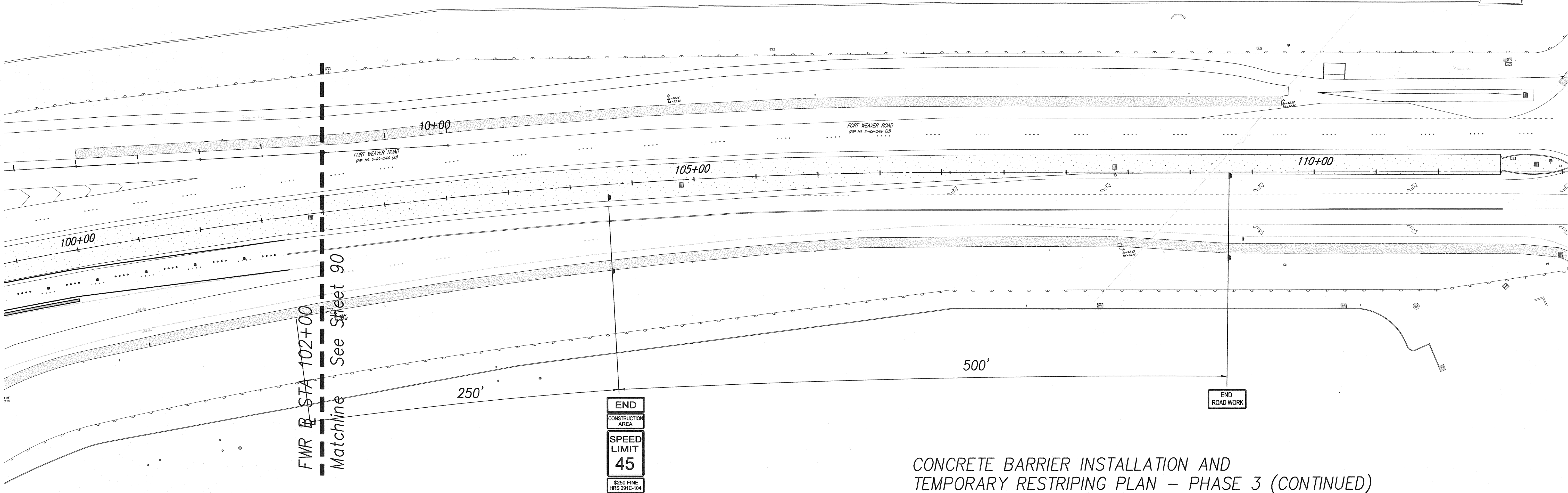
SHEET No. 5 OF 7 SHEETS

CO.90



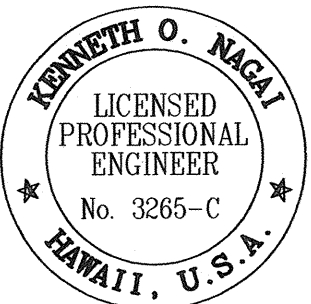
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(8)	2004	91	127

TRUE NORTH  
SCALE: 1 IN = 40 FT



CONCRETE BARRIER INSTALLATION AND  
TEMPORARY RESTRIPIING PLAN - PHASE 3 (CONTINUED)  
SCALE: 1" = 40'

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



SIGNATURE  
APRIL 30, 2004  
EXPIRATION DATE OF LICENSE  
THIS WORK WAS PREPARED BY ME OR  
UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

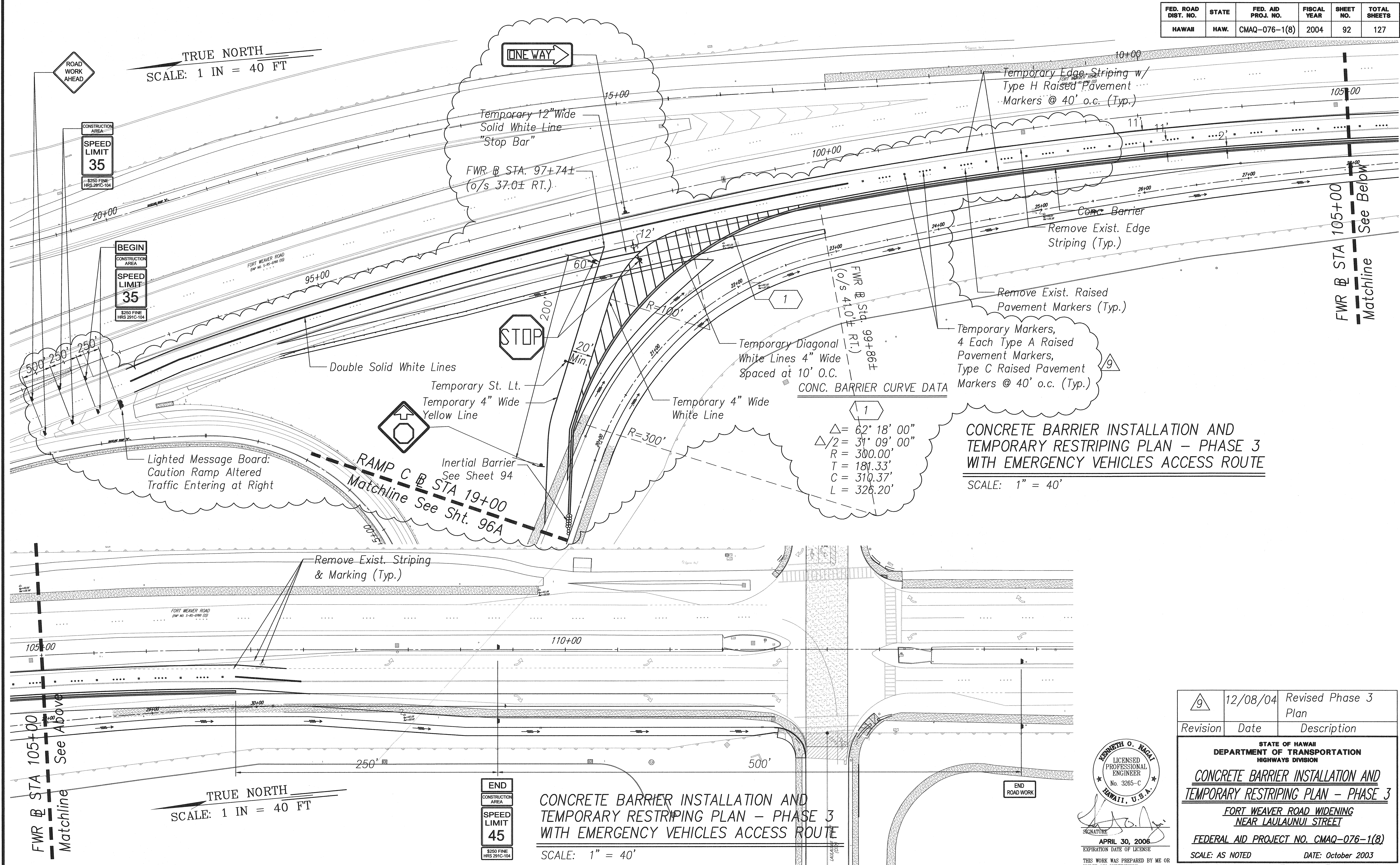
CONCRETE BARRIER INSTALLATION AND  
TEMPORARY RESTRIPIING PLAN - PHASE 3  
FORT WEAVER ROAD WIDENING  
NEAR LAULAUNUI STREET  
FEDERAL AID PROJECT NO. CMAQ-076-1(8)  
SCALE: AS NOTED  
DATE: October 2003

SHEET No. 6 OF 7 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(8)	2004	92	127

DATE	____
SURVEY PLOTTED BY	____
ORIGINAL PLAN	____
DRAWN BY	____
DESIGNED BY	____
CHECKED BY	____
No.	____



**CONC. BARRIER CURVE DATA**

$\Delta = 62^\circ 18' 00''$
$\Delta/2 = 31^\circ 09' 00''$
$R = 300.00'$
$T = 181.33'$
$C = 310.37'$
$L = 326.20'$

9	12/08/04	Revised Phase 3 Plan
Revision	Date	Description
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION <b>CONCRETE BARRIER INSTALLATION AND TEMPORARY RESTRIPIING PLAN - PHASE 3</b> <b>FORT WEAVER ROAD WIDENING NEAR LAULAUNUI STREET</b> FEDERAL AID PROJECT NO. CMAQ-076-1(8) SCALE: AS NOTED      DATE: October 2003 SHEET No. 7 OF 7 SHEETS		

KENNETH O. NAGLE  
 LICENSED PROFESSIONAL ENGINEER  
 No. 3265-C  
 HAWAII, U.S.A.  
 SIGNATURE  
 APRIL 30, 2006  
 EXPIRATION DATE OF LICENSE  
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