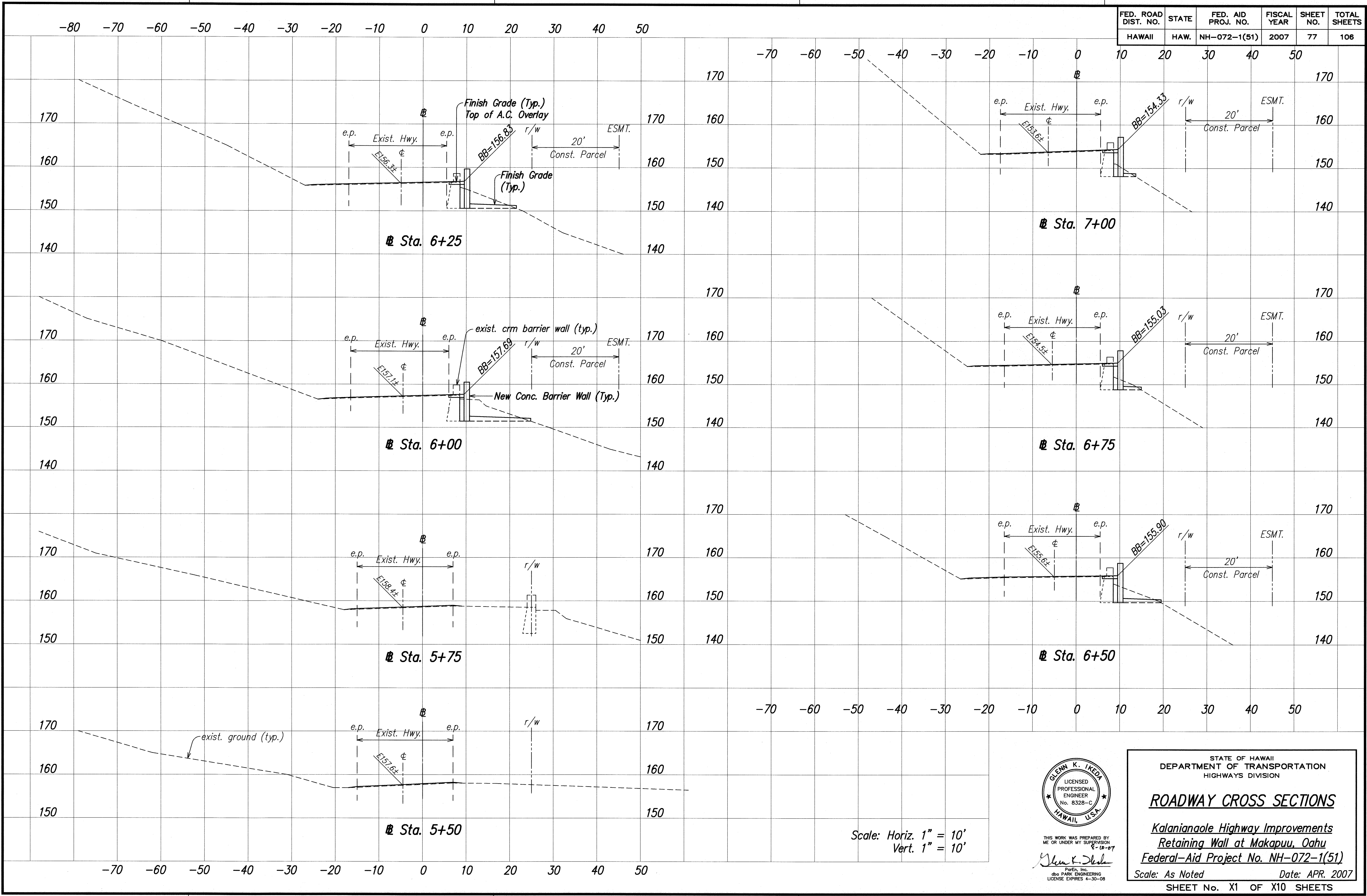


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(51)	2007	77	106



DATE	6/29/08
DESIGNED BY	
TRACED BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	

LIB2: STATE DOT \KALANIAOALE\RETAINING WALL\CADD\ KALRW-77-XS01.dwg 6/29/08

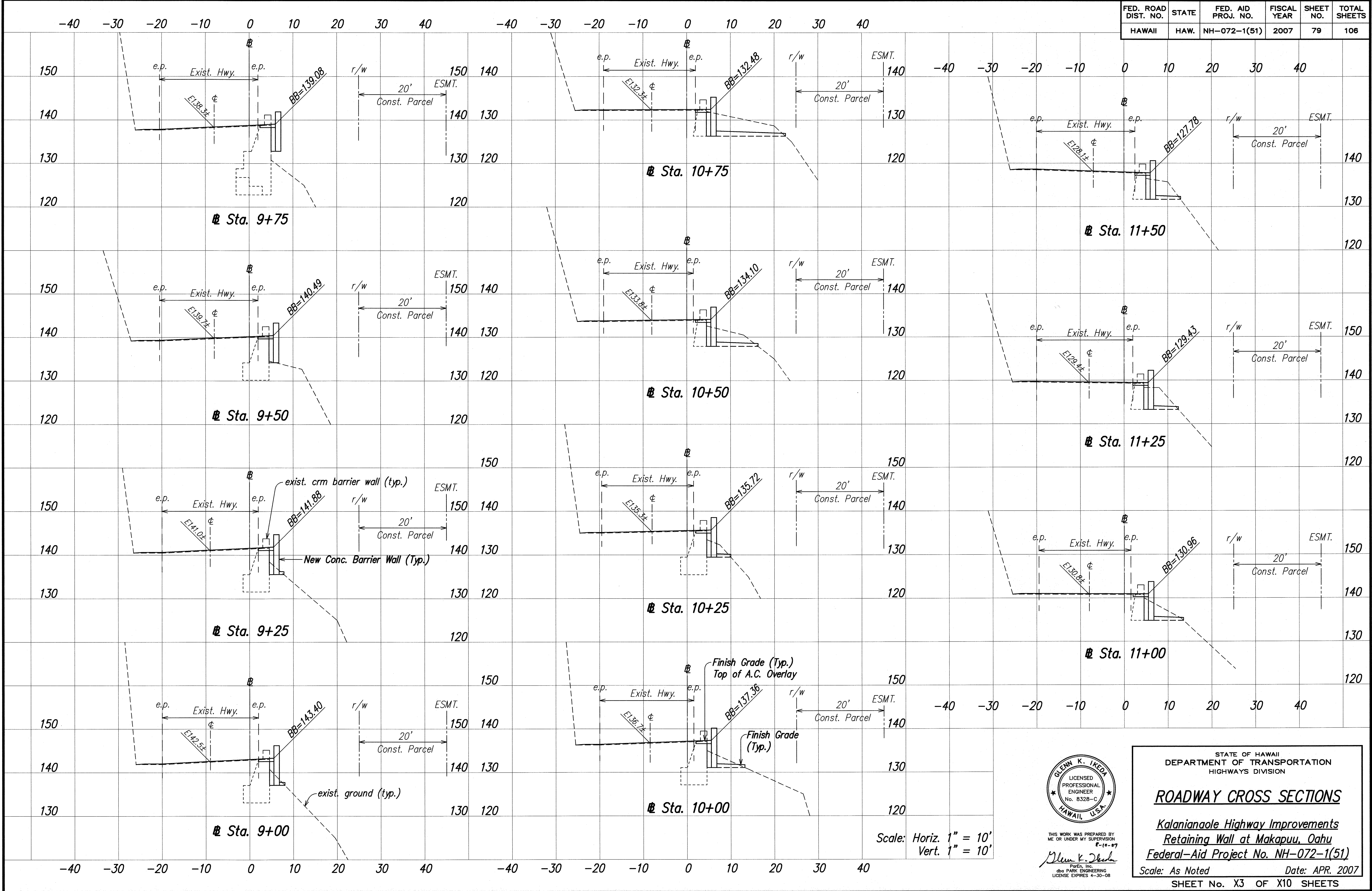
Scale: Horiz. 1" = 10'
Vert. 1" = 10'



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GLENN K. IKEDA
P.E., Inc.
dba PARK ENGINEERING
LICENSE EXPIRES 4-30-08

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY CROSS SECTIONS
Kalanianaʻole Highway Improvements
Retaining Wall at Makapuu, Oahu
Federal-Aid Project No. NH-072-1(51)
Scale: As Noted Date: APR. 2007
SHEET No. X1 OF X10 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(51)	2007	79	108



ORIGINAL PLAN	DATE
DESIGNED BY	DATE
TRACED BY	DATE
NOTED BY	DATE
CHECKED BY	DATE
NO.	

LIB2: STATE DOT \KALANIANAʻOLE\RETAINING WALL\CADD\KALRW-79-XS03.dwg 6/29/06

Scale: Horiz. 1" = 10'
Vert. 1" = 10'



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Glen K. Ikeda
P.E., Inc.
400 PARK ENGINEERING
LICENSE EXPIRES 4-30-08

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

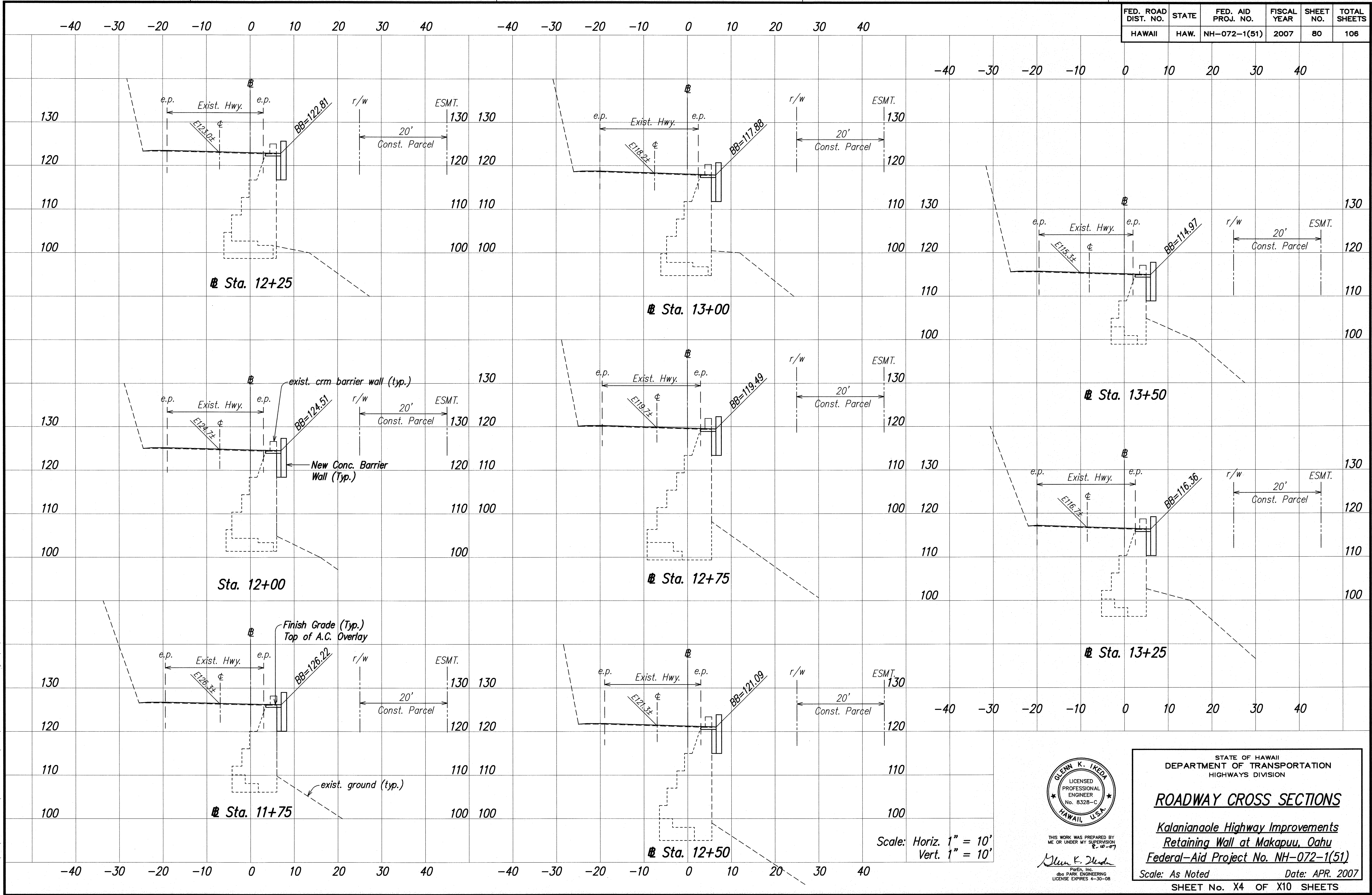
ROADWAY CROSS SECTIONS

*Kalanianaʻole Highway Improvements
Retaining Wall at Makapuu, Oahu
Federal-Aid Project No. NH-072-1(51)*

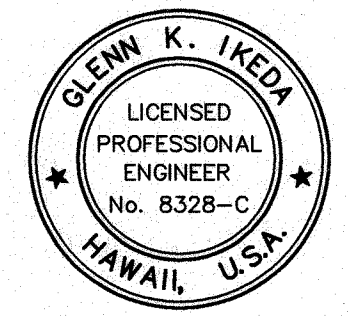
Scale: As Noted Date: APR. 2007

SHEET No. X3 OF X10 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(51)	2007	80	108



DATE	6/29/06
DESIGNED BY	GLenn K. Ikeda
TRACED BY	GLenn K. Ikeda
NOTED BY	GLenn K. Ikeda
CHECKED BY	GLenn K. Ikeda
ORIGINAL PLAN	LIB2: STATE\DOT\KALANIANAʻOLE\RETAINING WALL\CADD\ KALRW-80-XS04.dwg



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 Glenn K. Ikeda
 PAREN, Inc.
 480 PARK ENGINEERING
 LICENSE EXPIRES 4-30-08

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

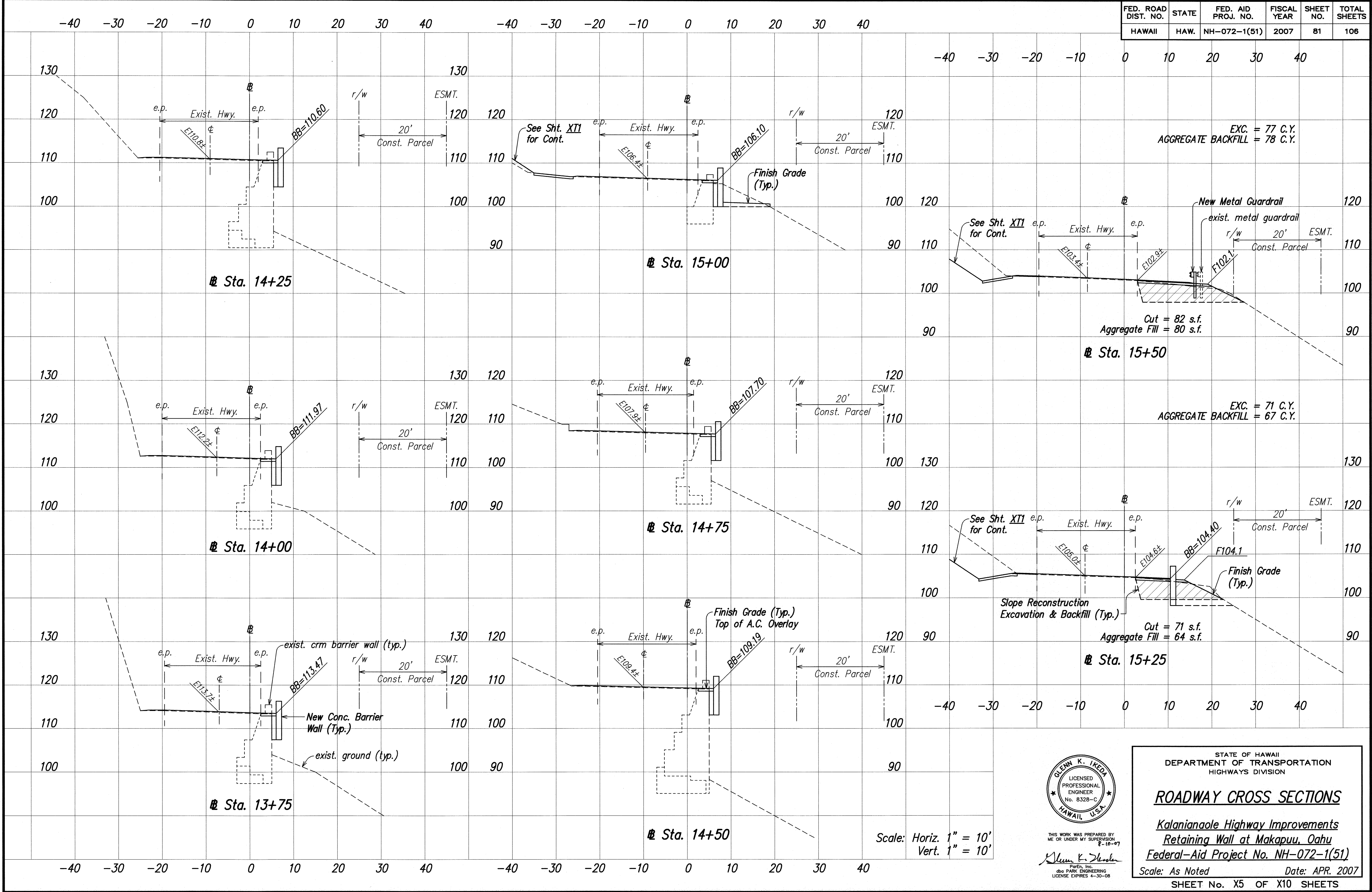
ROADWAY CROSS SECTIONS

*Kalanianaʻole Highway Improvements
 Retaining Wall at Makapuu, Oahu
 Federal-Aid Project No. NH-072-1(51)*

Scale: As Noted Date: APR. 2007

SHEET No. X4 OF X10 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(51)	2007	81	106



DATE	8/03/06
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
QUANTITIES BY	
NO.	

LIB2: STATE\DOT\KALANIANAʻOLE\RETAINING WALL\CADD\ KALRW-81-XS05.dwg 8/03/06



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 Glenn K. Ikeda
 Park, Inc.
 480 PARK ENGINEERING
 LICENSE EXPIRES 4-30-08

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

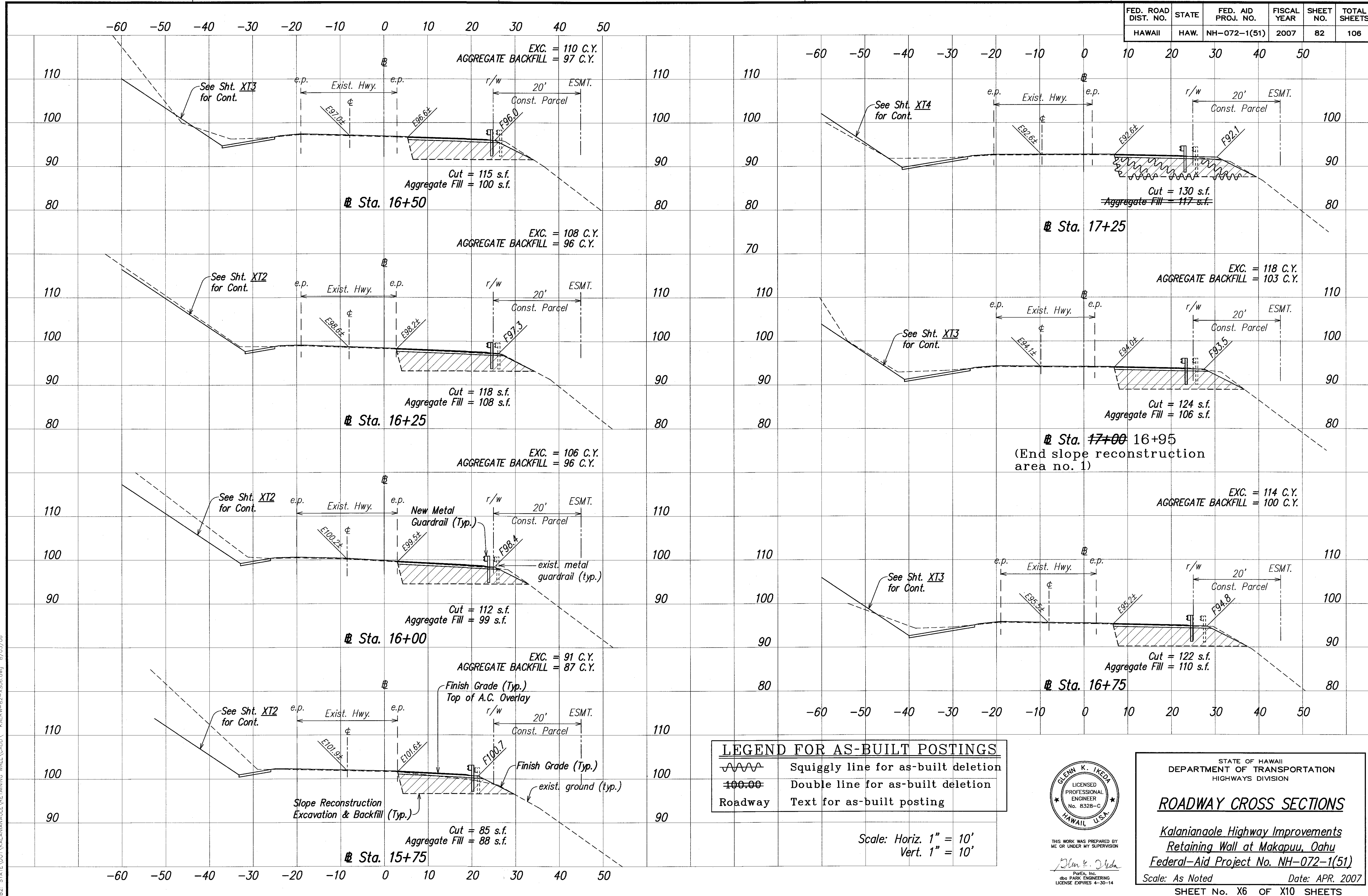
ROADWAY CROSS SECTIONS

Kalanianaʻole Highway Improvements
Retaining Wall at Makapuu, Oahu
Federal-Aid Project No. NH-072-1(51)

Scale: As Noted Date: APR. 2007

SHEET No. X5 OF X10 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(51)	2007	82	106

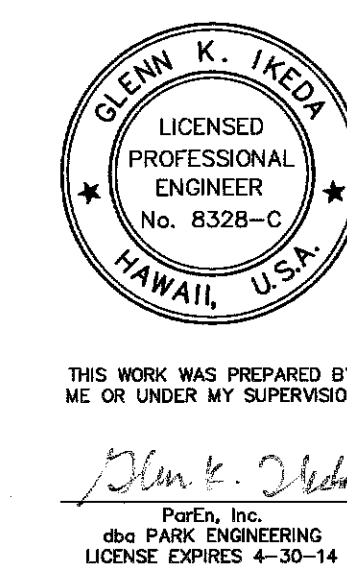


ORIGINAL PLAN	DATE
DESIGNED BY	DATE
CHECKED BY	DATE
NOTED BY	DATE
QUANTITIES BY	DATE
NO.	

LIB2: STATE DOT KALANIAOALE RETAINING WALL CADD\ KALRW-82-XS06.dwg 8/03/06

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
	Text for as-built posting

Scale: Horiz. 1" = 10'
Vert. 1" = 10'



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY CROSS SECTIONS

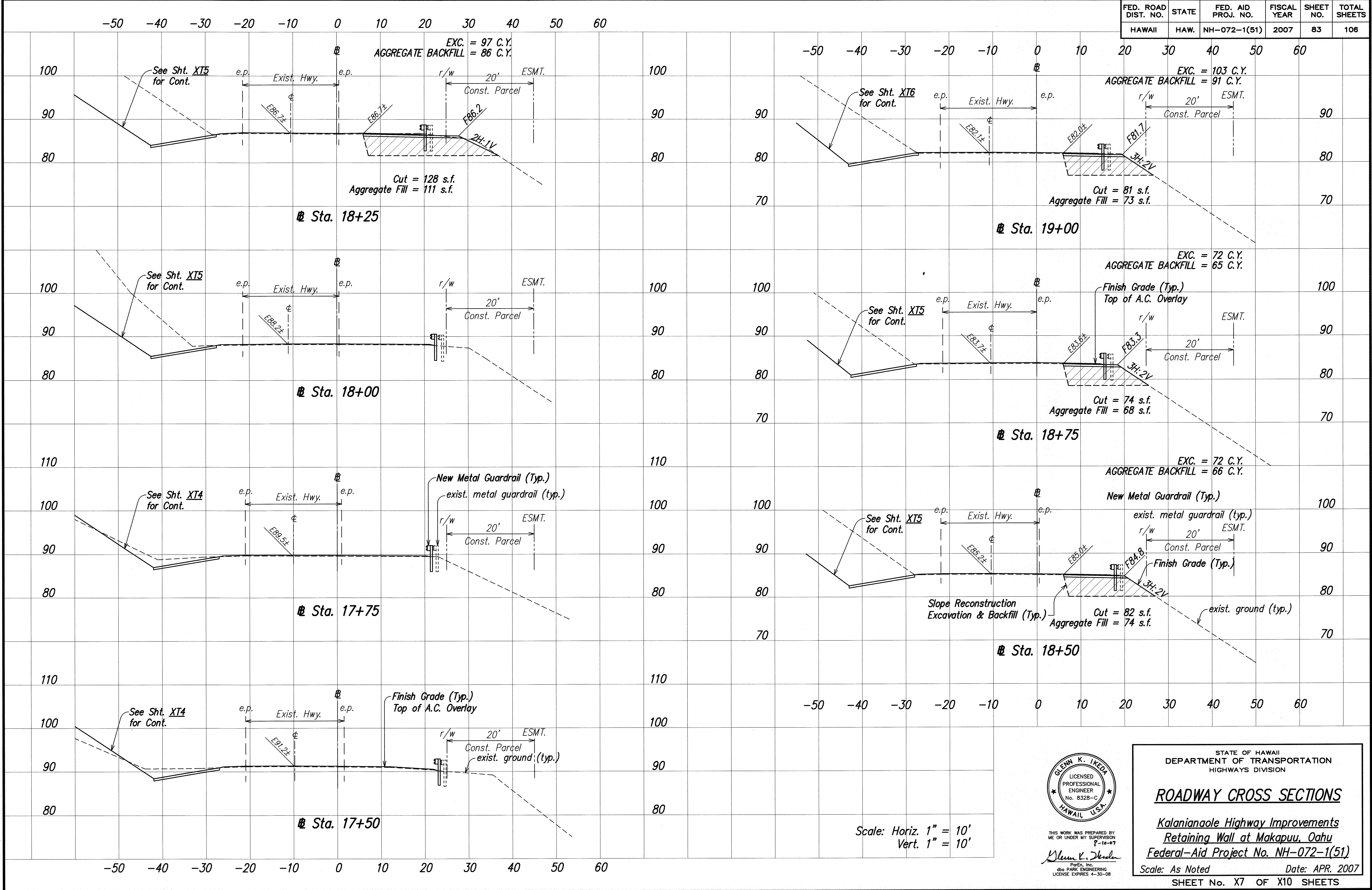
*Kalaniana'ole Highway Improvements
Retaining Wall at Makapuu, Oahu
Federal-Aid Project No. NH-072-1(51)*

Scale: As Noted Date: APR. 2007

SHEET No. X6 OF X10 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(51)	2007	83	106



ORIGINAL PLAN	DATE
DESIGNED BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
NO.	

LIB2: STATE DOT KALANIANAʻOLE RETAINING WALL CADD\ KALEW-83-XS07.dwg 8/03/06



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Glenn K. Ikeda
Parks, Inc.
c/o PARK ENGINEERING
LICENSE EXPIRES 4-30-08

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY CROSS SECTIONS

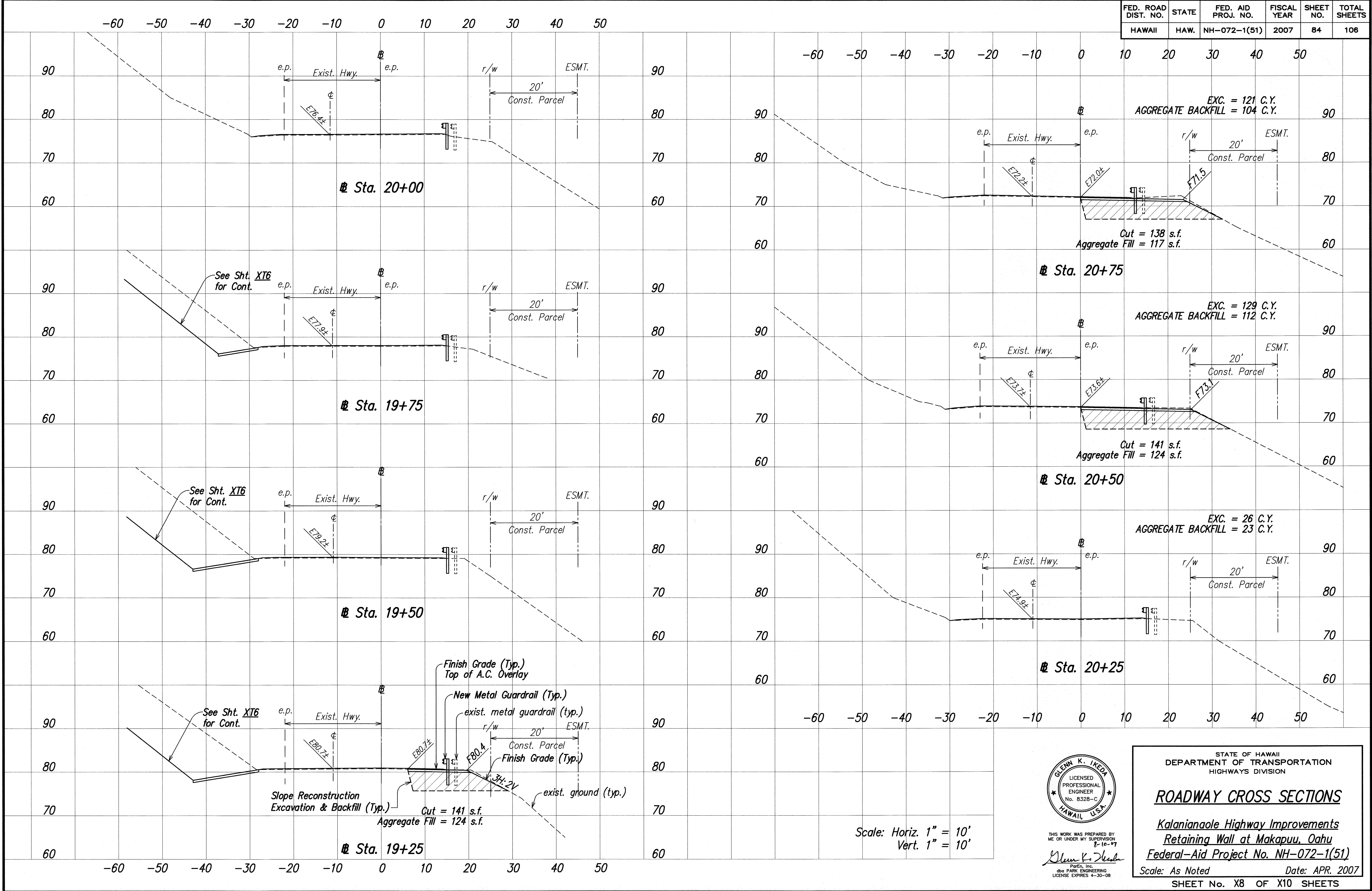
*Kalanianaʻole Highway Improvements
Retaining Wall at Makapuu, Oahu
Federal-Aid Project No. NH-072-1(51)*

Scale: As Noted Date: APR. 2007

SHEET No. X7 OF X10 SHEETS

Scale: Horiz. 1" = 10'
Vert. 1" = 10'

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(51)	2007	84	108



DATE	_____
DESIGNED BY	_____
DRAWN BY	_____
CHECKED BY	_____
IN CHARGE	_____
PROJECT NO.	_____
DATE	_____
DESIGNED BY	_____
DRAWN BY	_____
CHECKED BY	_____
IN CHARGE	_____
PROJECT NO.	_____
DATE	_____

LIB2: STATE DOT KALANIANA'OLE RETAINING WALL CADD, KALRW-84-XS08.dwg 8/03/06

Scale: Horiz. 1" = 10'
Vert. 1" = 10'



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PARE, Inc.
dba PARK ENGINEERING
LICENSE EXPIRES 4-30-08

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

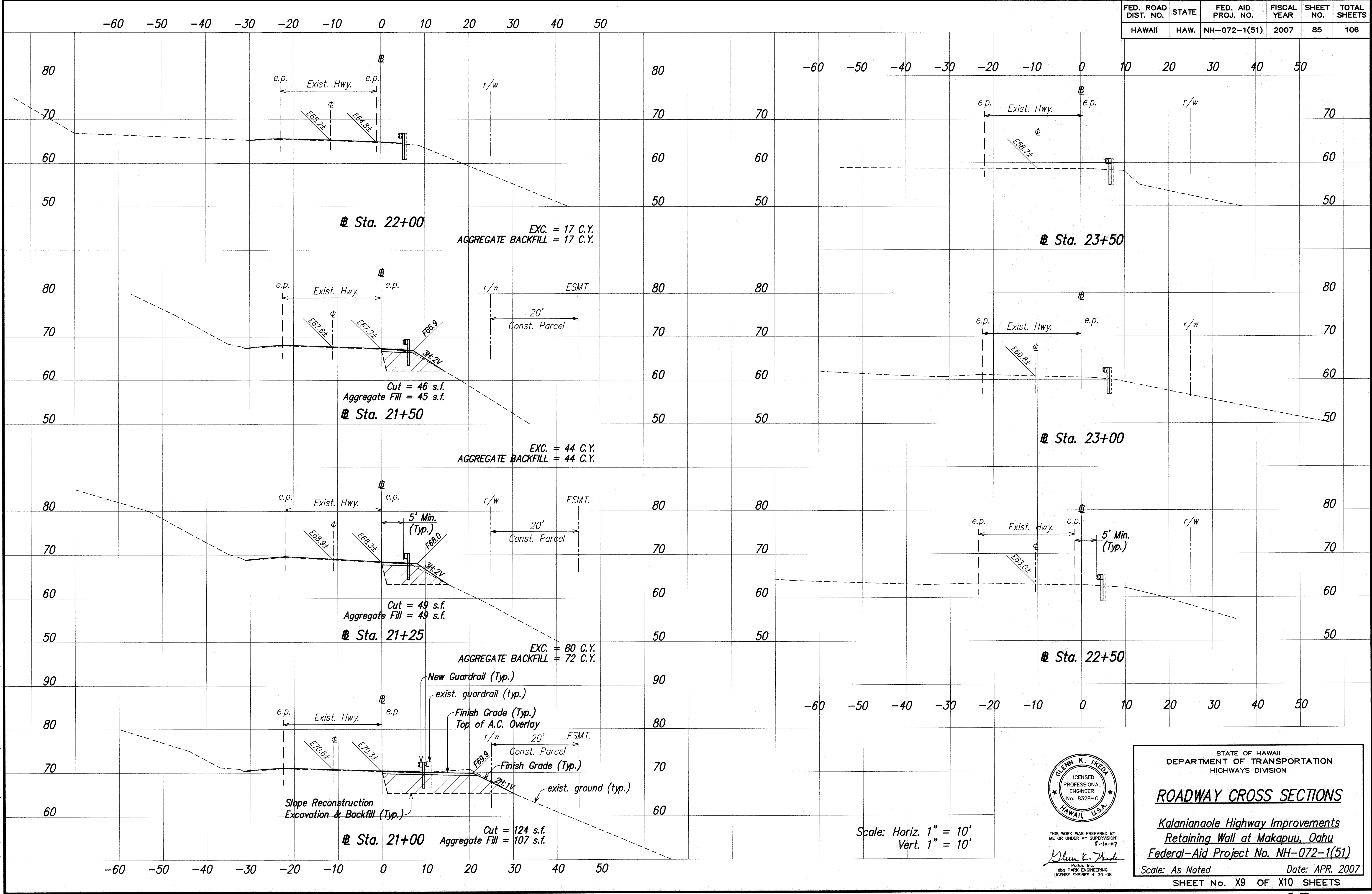
ROADWAY CROSS SECTIONS

*Kalaniana'ole Highway Improvements
Retaining Wall at Makapuu, Oahu
Federal-Aid Project No. NH-072-1(51)*

Scale: As Noted Date: APR. 2007

SHEET No. X8 OF X10 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(51)	2007	85	106



LIB2: STATE DOT KALANIANAʻOLE RETAINING WALL CADD\KALRW-85-XS09.dwg 8/03/06	SURVEY PLOTTED BY	DATE
ORIGINAL PLAN	DRAWN BY	
NOTE BOOK	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	
No.		



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P/E, Inc.
dba PARK ENGINEERING
LICENSE EXPIRES 4-30-08

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY CROSS SECTIONS

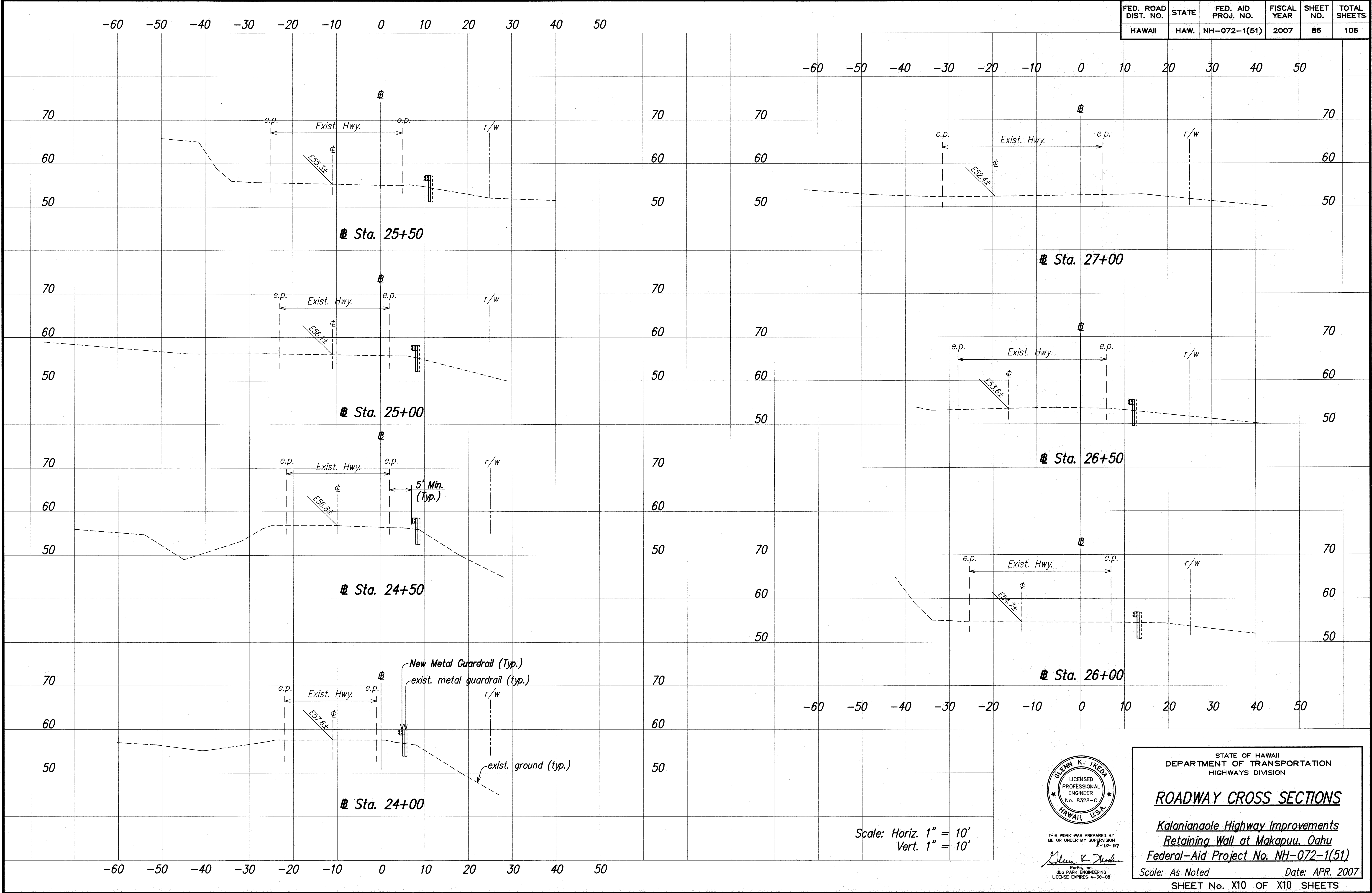
*Kalanianaʻole Highway Improvements
Retaining Wall at Makapuu, Oahu*

Federal-Aid Project No. NH-072-1(51)

Scale: As Noted Date: APR. 2007

SHEET No. X9 OF X10 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(51)	2007	86	106



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

LIB2: STATE\DOT\KALANIANAʻOLE\RETAINING WALL\CADD\ KALRW-86-XS10.dwg 8/03/06

Scale: Horiz. 1" = 10'
Vert. 1" = 10'



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LICENSE EXPIRES 4-30-08

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY CROSS SECTIONS

Kalanianaʻole Highway Improvements
Retaining Wall at Makapuu, Oahu
Federal-Aid Project No. NH-072-1(51)

Scale: As Noted Date: APR. 2007

SHEET No. X10 OF X10 SHEETS