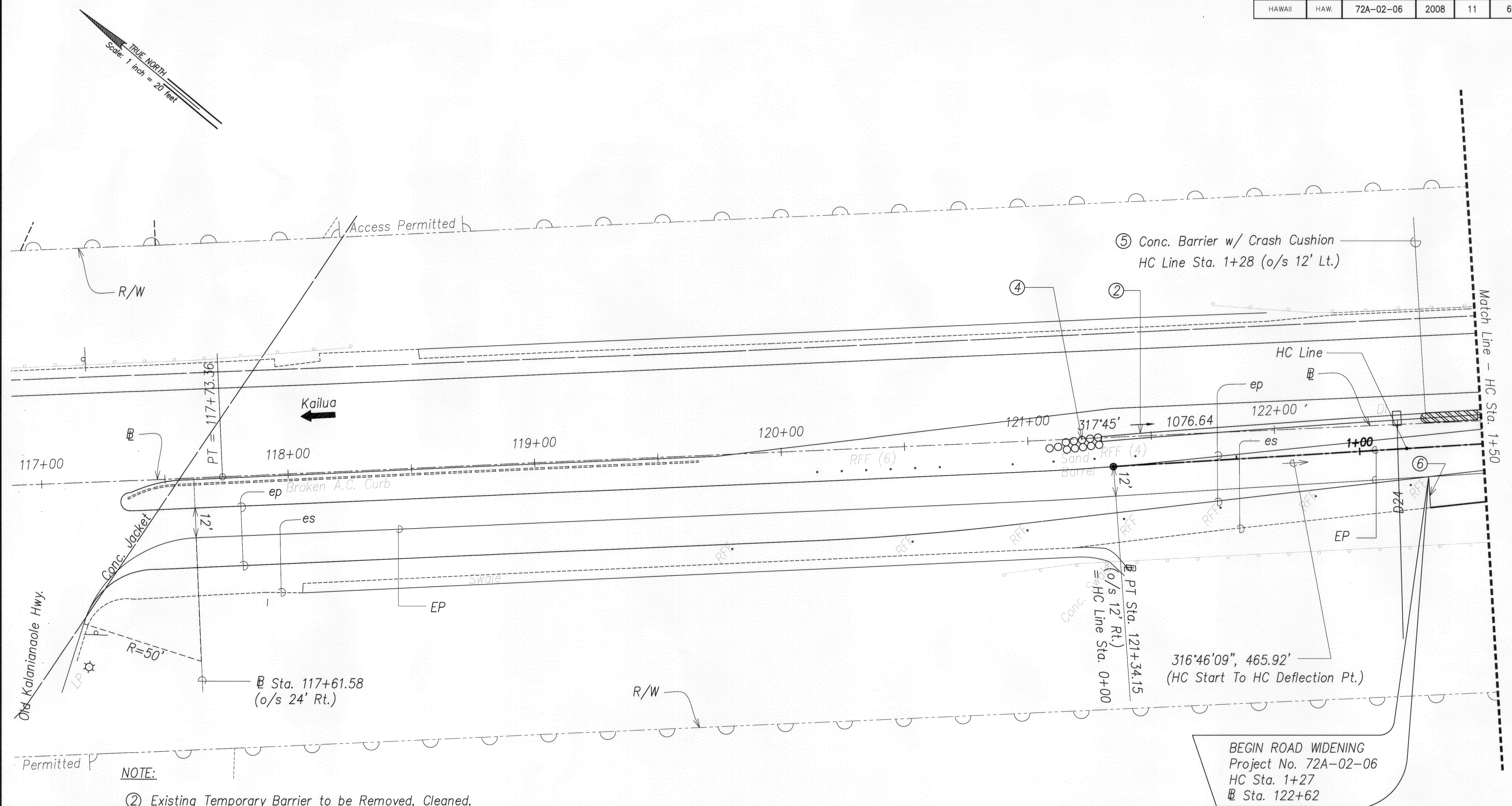


FED. ROAD DIST. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	72A-02-06	2008	11	66



- NOTE:
- ② Existing Temporary Barrier to be Removed, Cleaned, & Delivered to the State Ka Uka Storage Area.
 - ④ Crash Cushion to be Removed & Disposed Offsite.
 - ⑤ New Crash Cushions shall be Quadguard, TRACC, TAU-11 or any other HDOT approved crash cushion systems that are NCHRP 350, TL-2 Compliant ~~or ABSORB 350 or any other crash cushion systems~~. The crash cushion shall have ~~acceptable to the State with~~ a width of 2' - 2.6'. Installation shall be in accordance with the manufacturer recommendations.
 - ⑥ Provide Smooth Riding Connection, See Sht. C-8.

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

KENNETH O. NAGA
LICENSED PROFESSIONAL ENGINEER
No. 3286-C
HAWAII, U.S.A.

SIGNATURE

APRIL 30, 2010
EXPIRATION DATE OF LICENSE

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN - 1

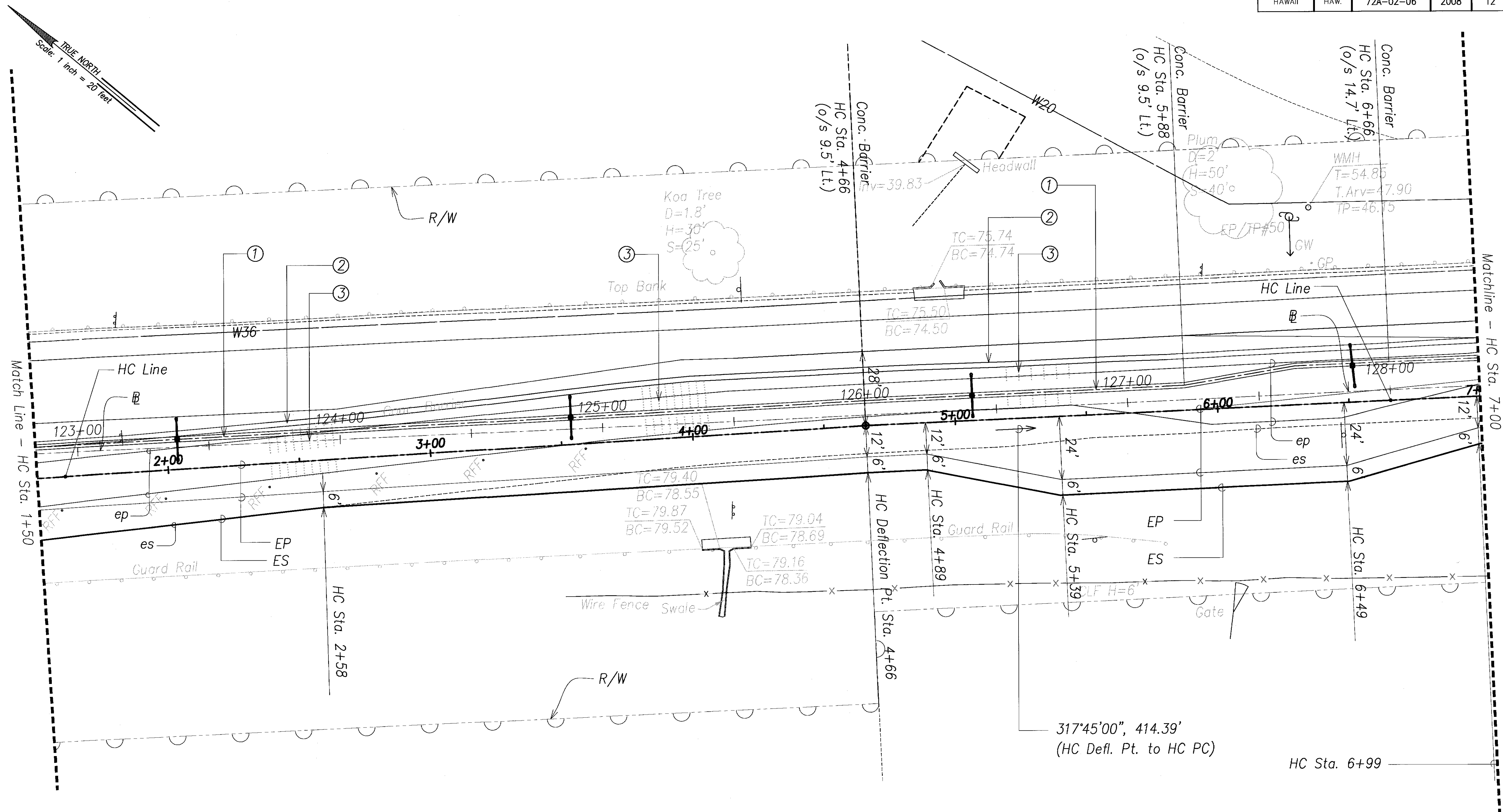
KALANIANAʻOLE HIGHWAY MEDIAN
IMPROVEMENTS VICINITY OF OLOMANA
GOLF COURSE PROJECT NO. 72A-02-06

SCALE: 1"=20' DATE: June 2008

SHEET No. C-9 OF 43 SHEETS

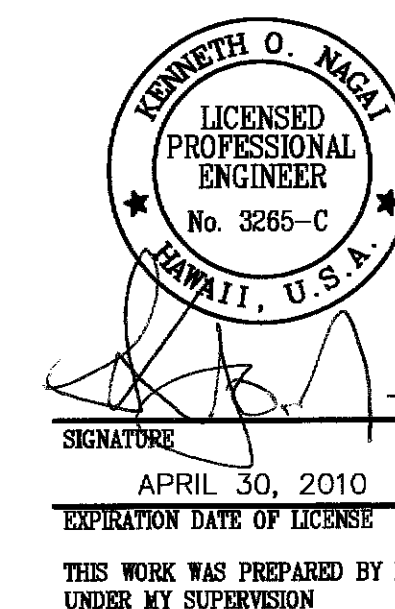
DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
TRACED BY	_____
QUANTITIES BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____
No.	_____

FED. ROAD DIST. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	72A-02-06	2008	12	66



NOTE:

- ① New Concrete Barrier.
- ② Existing Temporary Barrier to be Removed, Cleaned, & Delivered to the State Ka Uka Storage Area.
- ③ Existing Rumble Strips to be Removed.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

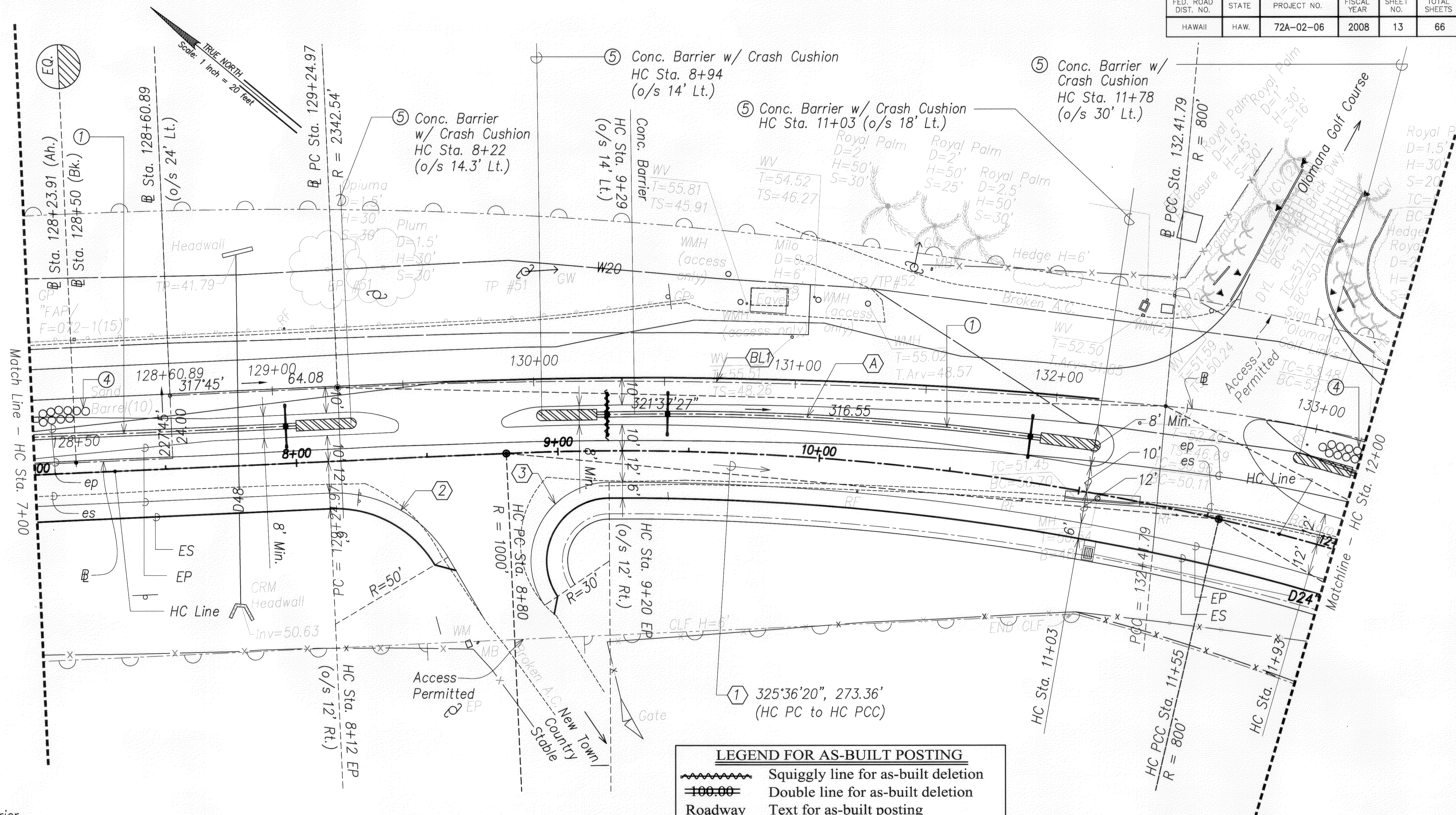
ROADWAY PLAN - 2

KALANIANA'OLE HIGHWAY MEDIAN
IMPROVEMENTS VICINITY OF OLOMANA
GOLF COURSE PROJECT NO. 72A-02-06

SCALE: 1"=20' DATE: June 2008

SHEET No. C-10 OF 43 SHEETS

"AS-BUILT"



NOTE:

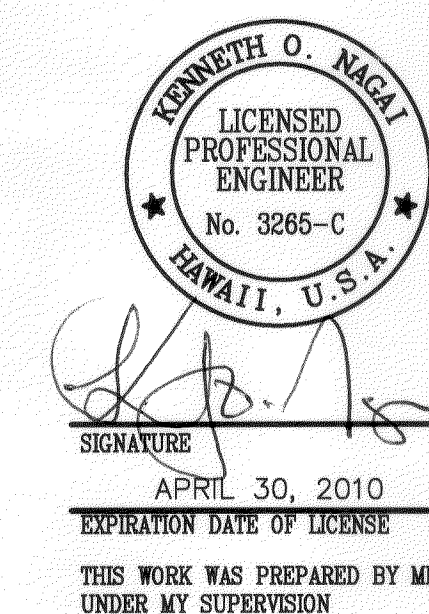
- 1 New Concrete Barrier.
- 2 Existing Temporary Barrier to be Removed, Cleaned, & Delivered to the State Ka Uka Storage Area.
- 4 Crash Cushion to be Removed & Disposed Offsite.
- 5 New Crash Cushions shall be Quadguard, TRACC, TAU-1 or any other HDOT approved crash cushion systems that are acceptable to the State with a width of 2' - 2.6'. The crash cushion shall have NCHRP 350, TL-2 Compliant. The crash cushion shall have Installation shall be in accordance with the manufacturer recommendations.
- 6 Provide Smooth Riding Connection, See Sht. C-8.

	HC LINE CURVE DATA	EP CURVE DATA	
	①	②	③
△	15° 42' 41"	62° 03' 24.7"	123° 54' 09.7"
△/2	07° 51' 20"	31° 01' 44.8"	61° 57' 04.8"
R	1000'	50'	30'
T	138.0'	30.1'	56.3'
C	273.4'	51.5'	53.0'
L	274.2'	54.2'	64.9'

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

BASELINE CURVE DATA	
	①
△	07° 44' 54"
△/2	03° 52' 27"
R	2342.54'
T	158.6'
C	316.6'
L	316.8'

CONC. BARRIER CURVE DATA	
	①
△	09° 23' 43"
△/2	04° 41' 52"
R	1076.8'
T	88.5'
C	176.4'
L	176.5'



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN - 3

KALANIANA'OLE HIGHWAY MEDIAN
IMPROVEMENTS VICINITY OF OLOMANA
GOLF COURSE PROJECT NO. 72A-02-06

SCALE: 1"=20' DATE: June 2008
SHEET No. C-11 OF 43 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	72A-02-06	2008	14	66

TRUE NORTH
Scale: 1 inch = 20 feet

HC LINE CURVE DATA	
	①
△	36° 04' 13"
△/2	18° 02' 07"
R	800'
T	260'
C	495.4'
L	503.6'

CONC. BARRIER CURVE DATA		
	①A	①B
△	04° 42' 21"	22° 31' 31"
△/2	02° 21' 11"	11° 11' 46"
R	830'	500'
T	34.1'	99.6'
C	68.2'	195.3'
L	68.2'	196.6'

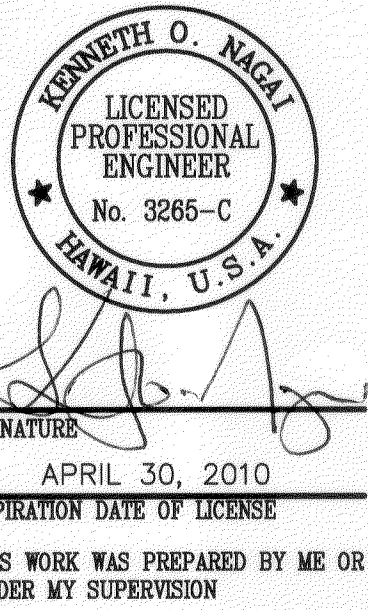
BASELINE CURVE DATA	
	①BL2
△	44° 02' 00"
△/2	22° 01' 00"
R	500.0'
T	202.2'
C	374.9'
L	384.3'

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

NOTE:

- ② Existing Temporary Barrier to be Removed, Cleaned, & Delivered to the State Ka Uka Storage Area.
- ④ Crash Cushion to be Removed & Disposed Offsite.
- ⑤ New Crash Cushions shall be Quadguard, TRACC, TAU-11 or any other HDOT approved crash cushion systems that are NCHRP 350, TL-2 Compliant ~~or ABSORB 350 or any other crash cushion systems~~. The crash cushion shall have ~~acceptable to the State with~~ a width of 2' - 2.6'. Installation shall be in accordance with the manufacturer recommendations.
- ⑥ Provide Smooth Riding Connection, See Sht. C-8.

END ROAD WIDENING
Project No. 72A-02-06
HC Sta. 16+58
@ Sta. 137+95.37



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN - 4

KALANIANA'OLE HIGHWAY MEDIAN
IMPROVEMENTS VICINITY OF OLOMANA
GOLF COURSE PROJECT NO. 72A-02-06

SCALE: 1"=20' DATE: June 2008

SHEET No. C-12 OF 43 SHEETS

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

"AS-BUILT"