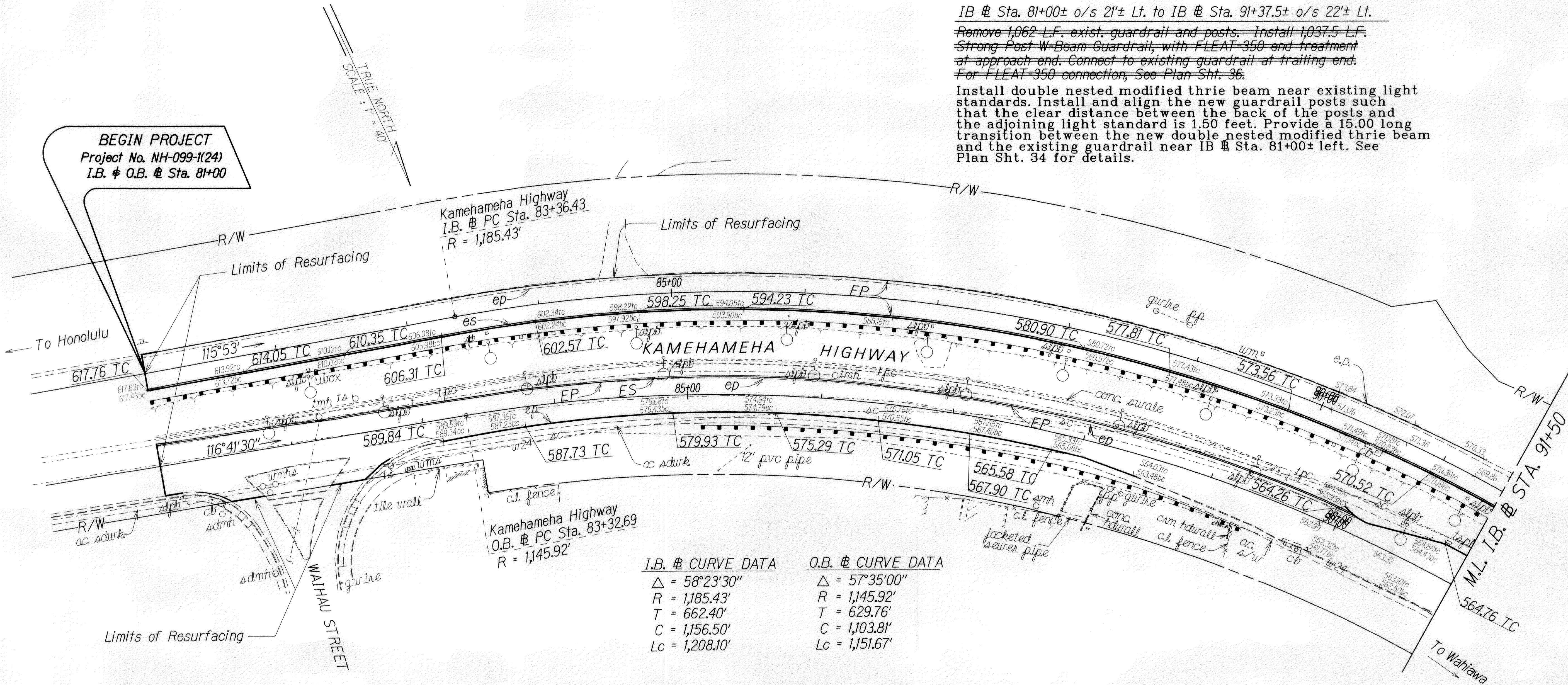


FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-099-1(24)	2007	ADD. 19	74



IB @ Sta. 81+00± o/s 21'± Lt. to IB @ Sta. 91+37.5± o/s 22'± Lt.
 Remove 1,062 L.F. exist. guardrail and posts. Install 1,037.5 L.F. Strong Post W-Beam Guardrail, with FLEAT-350 end treatment at approach end. Connect to existing guardrail at trailing end. For FLEAT-350 connection, See Plan Sht. 36.
 Install double nested modified thrie beam near existing light standards. Install and align the new guardrail posts such that the clear distance between the back of the posts and the adjoining light standard is 1.50 feet. Provide a 15.00 long transition between the new double nested modified thrie beam and the existing guardrail near IB @ Sta. 81+00± left. See Plan Sht. 34 for details.

OB @ Sta. 83+13±, o/s 16.1' Rt to
 OB @ Sta. 91+91±, o/s 16.2' Rt.
 Reconstruct Existing Curb and Install Type 2D Curb. Removal and Demolishing of existing curb shall be considered incidental to new curb. For Details, See Plan Sht. No. 16.

OB @ Sta. 81+00± Lt. to OB @ Sta. 89+06± Lt.
 Widen 1' Shoulder. For pavement design, See Detail A, Plan Sht. No. 10.

SURVEY NOTES:
 Elevation Shown at @ Sta. 17+33.43, o/s 60.75' Rt. is referred to "SS Disk 9-14B (stem only). Elev.=780.80

△ Origin of Coordinates = "Waipio Uka"

NOTE: For Shoulder Widening Pavement Design, See Detail A, Plan Sht. No. 10.

IB @ Sta. 81+00± Rt. to IB @ Sta. 92+49± Rt.
 OB @ Sta. 90+00± Lt. to OB @ Sta. 91+94± Lt.

Replace existing Type 2A curb on both sides of the median with Modified Type 2A Curb. Removal and Demolishing of existing curb shall be considered incidental to new curb. For Details, See Plan Sht. No. 16.

OB @ Sta. 85+05± o/s 23'± Rt. to OB @ Sta. 89+28± o/s 26'± Rt.
 Remove 234.5 L.F. exist. guardrail and posts. Install 337.5 L.F. Strong Post W-Beam Guardrail, with FLEAT-350 end treatment at approach end and Type "G" Flare at trailing end. For FLEAT-350 connection, See Plan Sht. 36. For Type "G" Flare, See Plan Sht. 35.

I.B. @ CURVE DATA	O.B. @ CURVE DATA
Δ = 58°23'30"	Δ = 57°35'00"
R = 1,185.43'	R = 1,145.92'
T = 662.40'	T = 629.76'
C = 1,156.50'	C = 1,103.81'
Lc = 1,208.10'	Lc = 1,151.67'

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

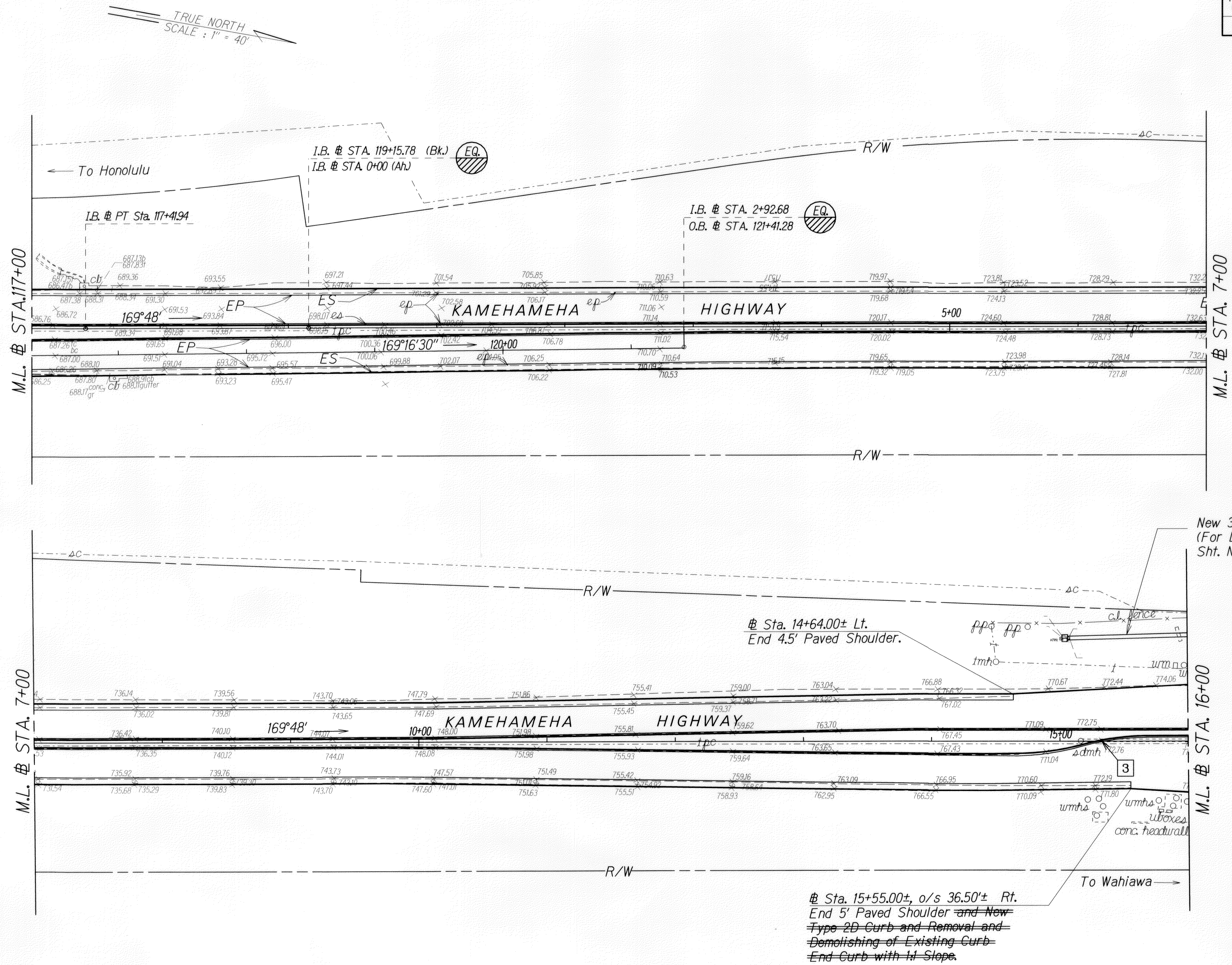
2/12/07	Revised Station Limit for Modified Type 2A Curb. Add Pavement Grade.
DATE	REVISION

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
ROADWAY PLANS	
KAMEHAMEHA HIGHWAY REHABILITATION WAIHAU STREET to H-2 INTERCHANGE FEDERAL AID PROJECT NO. NH-099-1(24)	
Scale: 1"=40'	Date: June, 2005
SHEET No. 1 OF 8 SHEETS	

"AS-BUILT"

ADD. 19

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-099-1(24)	2007	ADD. 22	74



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	12/12/07
addendum 4	TRACED BY	
N4	QUANTITIES BY	
	CHECKED BY	

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

[3] Curb is Doweled Into Jacket.

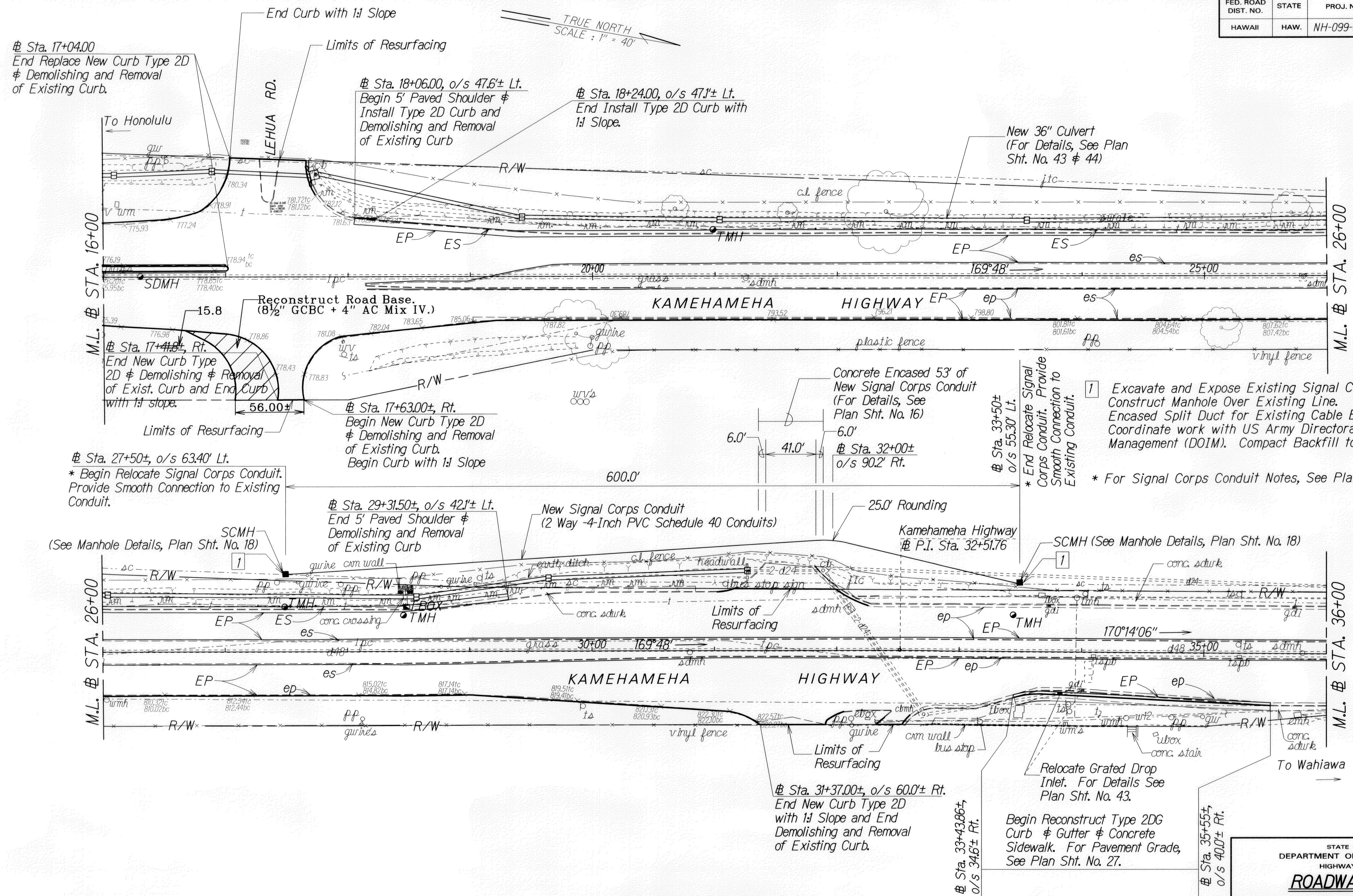
2/12/07	Revised Station Limits for paved shoulders. Add Pavement Grade.
DATE	REVISION

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
ROADWAY PLANS	
KAMEHAMEHA HIGHWAY REHABILITATION WAIHAU STREET to H-2 INTERCHANGE FEDERAL AID PROJECT NO. NH-099-1(24)	
Scale: 1"=40'	Date: May, 2006
SHEET No. 4 OF 7 SHEETS	

"AS-BUILT"

ADD. 22

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-099-1(24)	2007	ADD. 23	74



NOTE: Removal and Demolishing of Existing Curb & Gutter Shall Be Considered Incidental to Various Contract Items.

NOTE: Provide Smooth Transition into Existing Curb, Gutter and Sidewalk

- Excavate and Expose Existing Signal Corps Line and Construct Manhole Over Existing Line. Provide 5' Conc. Encased Split Duct for Existing Cable Entry into Manhole. Coordinate work with US Army Directorate of Information Management (DOIM). Compact Backfill to Match Existing.
- * For Signal Corps Conduit Notes, See Plan Sht. No. 4.

DATE	10/12/07
SURVEY NOTED BY	
DRAWN BY	
DESIGNED BY	
CHECKED BY	

DATE	REVISION
2/12/07	Revised Station limits for Relocating Signal Corps Conduits and Replacing and Removal of Curbs. Add pavement grade.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

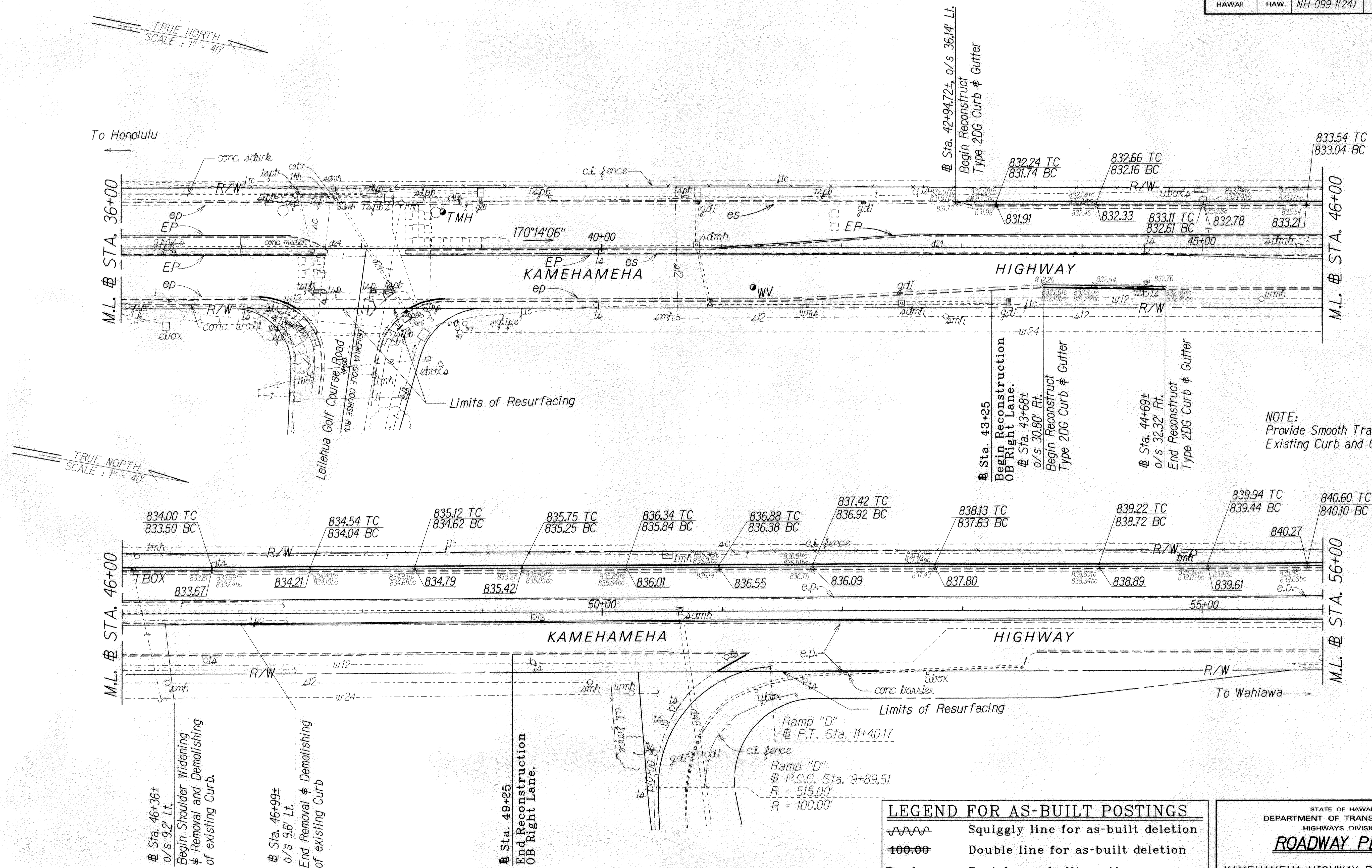
ROADWAY PLANS

KAMEHAMEHA HIGHWAY REHABILITATION
WAIHAU STREET to H-2 INTERCHANGE
FEDERAL AID PROJECT NO. NH-099-1(24)

Scale: 1"=40' Date: June, 2005

SHEET No. 5 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-099-1(24)	2007	ADD. 24	74



NOTE: Removal and Demolishing of Existing Curb Shall Be Considered Incidental to Various Contract Items.

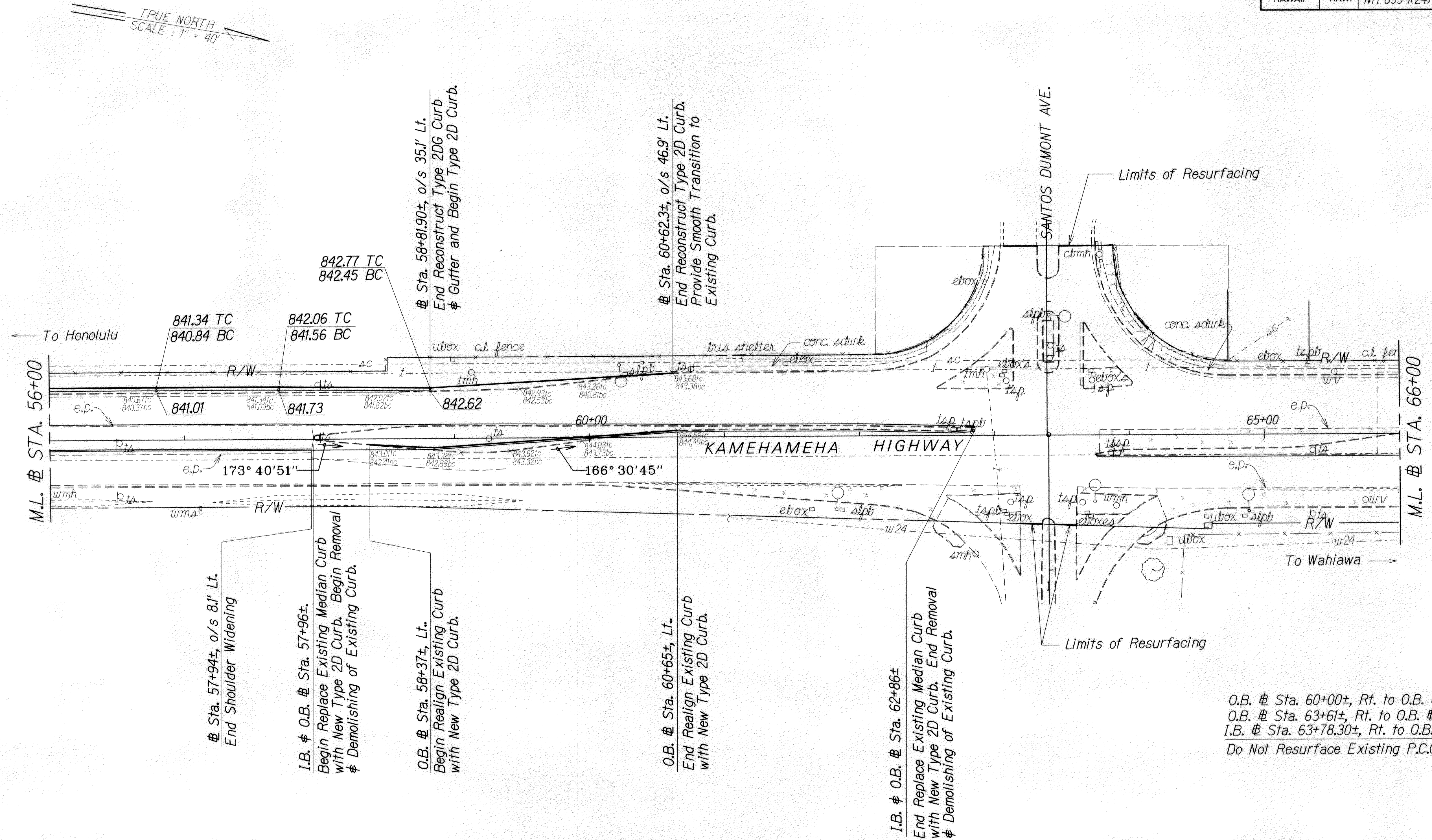
ORIGINAL PLAN	SURVEY PLATTED BY	DATE
NOTE BOOK	DRAWN BY	10/27/07
DESIGNED BY	CHECKED BY	
CHECKED BY		

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

DATE	REVISION
2/12/07	Revised Station limits for Reconstructing Type 2DG Curb & Gutter. Add Pavement Grade.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS
KAMEHAMEHA HIGHWAY REHABILITATION
WAIHAU STREET to H-2 INTERCHANGE
FEDERAL AID PROJECT NO. NH-099-1(24)
Scale: 1"=40' Date: June, 2005
SHEET No. 6 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-099-1(24)	2007	ADD. 25	74



O.B. # Sta. 60+00±, Rt. to O.B. # Sta. 63+18.55±, Rt.
O.B. # Sta. 63+61±, Rt. to O.B. # Sta. 69+86.12±, Rt.
I.B. # Sta. 63+78.30±, Rt. to O.B. # Sta. 66+00±, Rt.
Do Not Resurface Existing P.C.C. Lane.

SURVEY OBTAINED BY	DATE
DRAWN BY	10/12/01
DESIGNED BY	
CHECKED BY	
APPROVED BY	

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

2/12/07	Revised Station Limits for Reconstructing Curb and Gutter, Median Type 2D Curb and existing P.C.C. Lane. Add Pavement Grade.
DATE	REVISION

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION ROADWAY PLANS KAMEHAMEHA HIGHWAY REHABILITATION WAIHAU STREET to H-2 INTERCHANGE FEDERAL AID PROJECT NO. NH-099-1(24) Scale: 1"=40' Date: Dec., 2004 SHEET No. 7 OF 8 SHEETS	
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