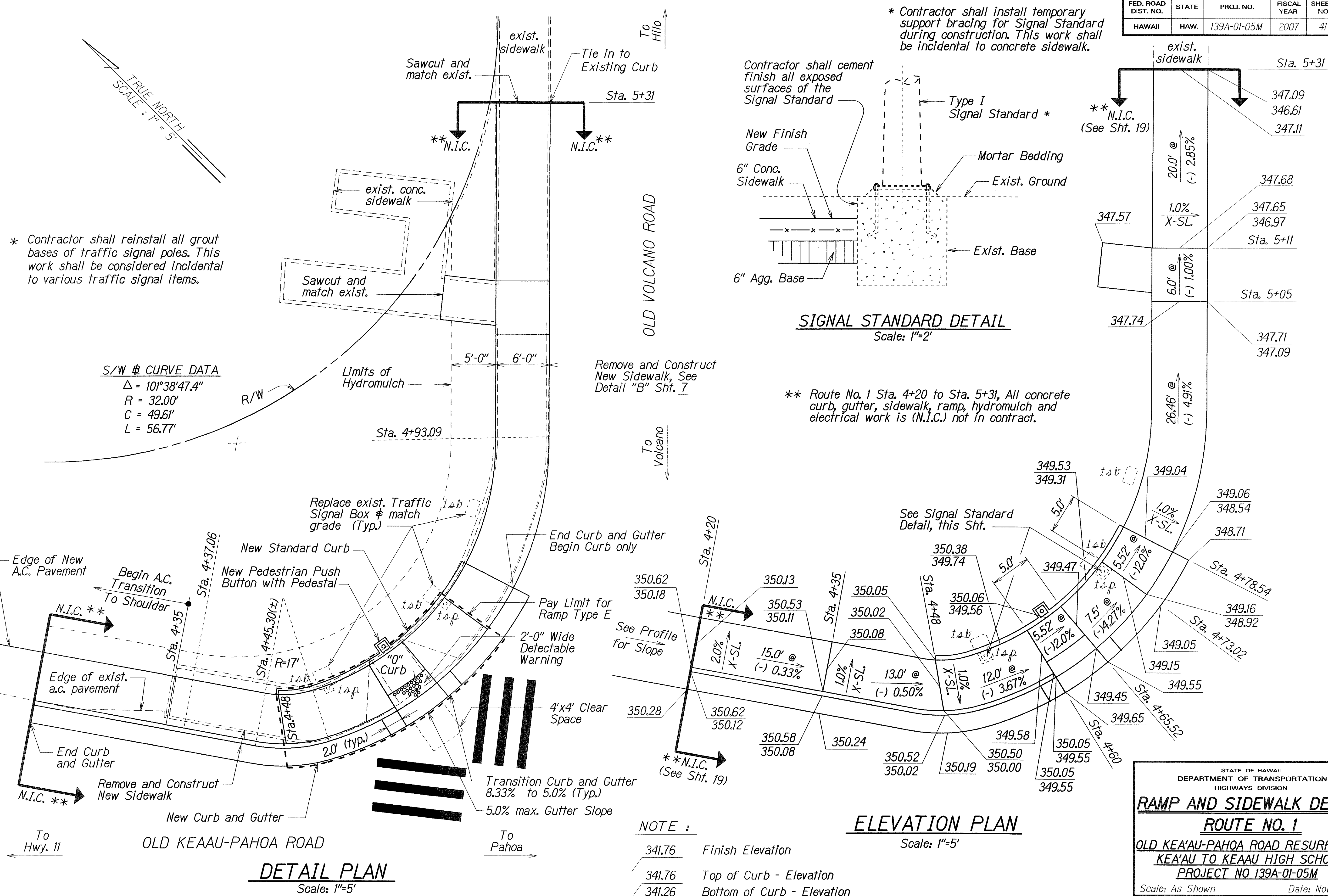
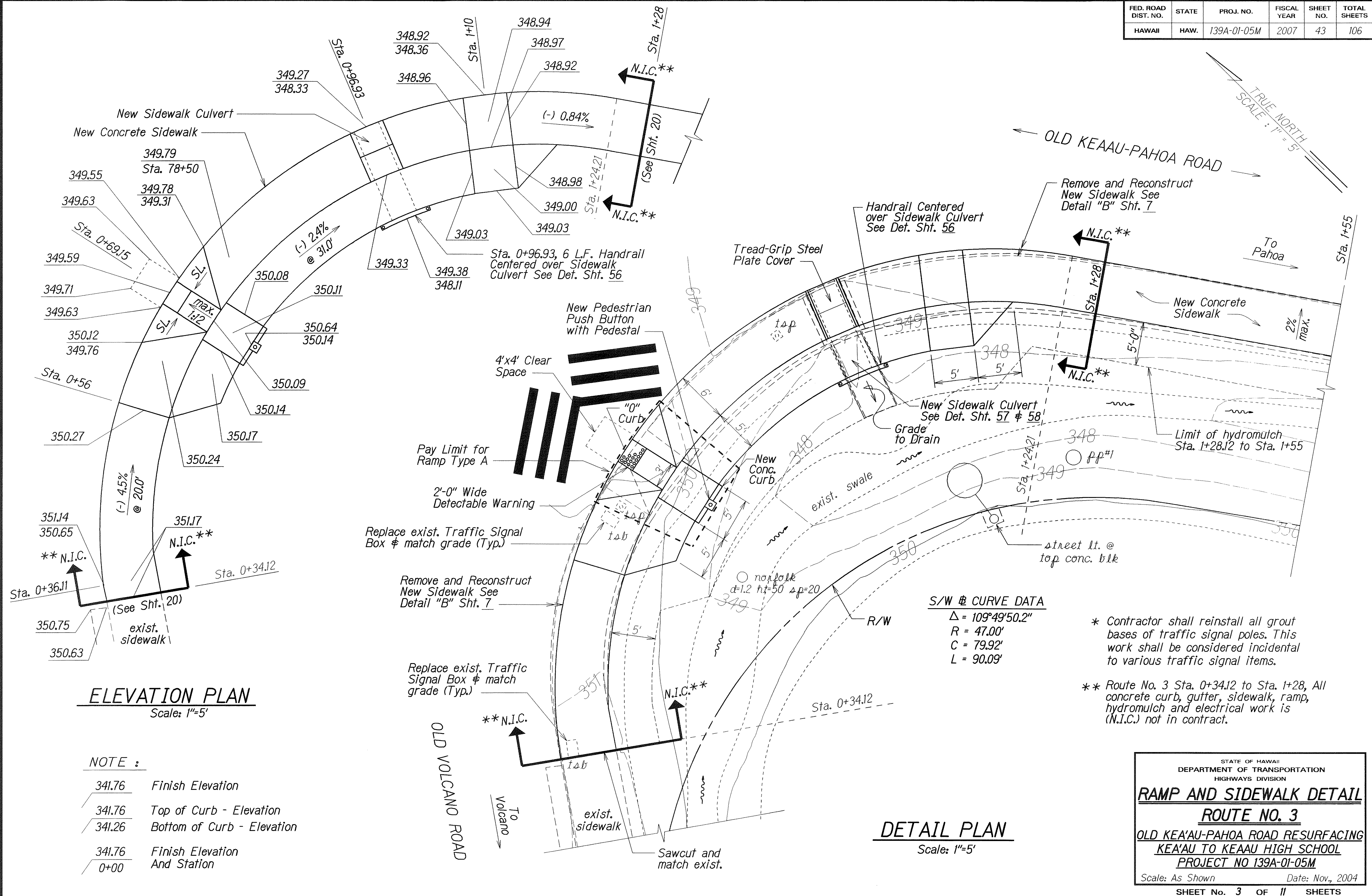


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	139A-01-05M	2007	41	106



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	139A-01-05M	2007	43	106



ELEVATION PLAN
Scale: 1"=5'

- NOTE :
- 341.76 Finish Elevation
 - 341.76 Top of Curb - Elevation
 - 341.26 Bottom of Curb - Elevation
 - 341.76 Finish Elevation And Station
 - 0+00

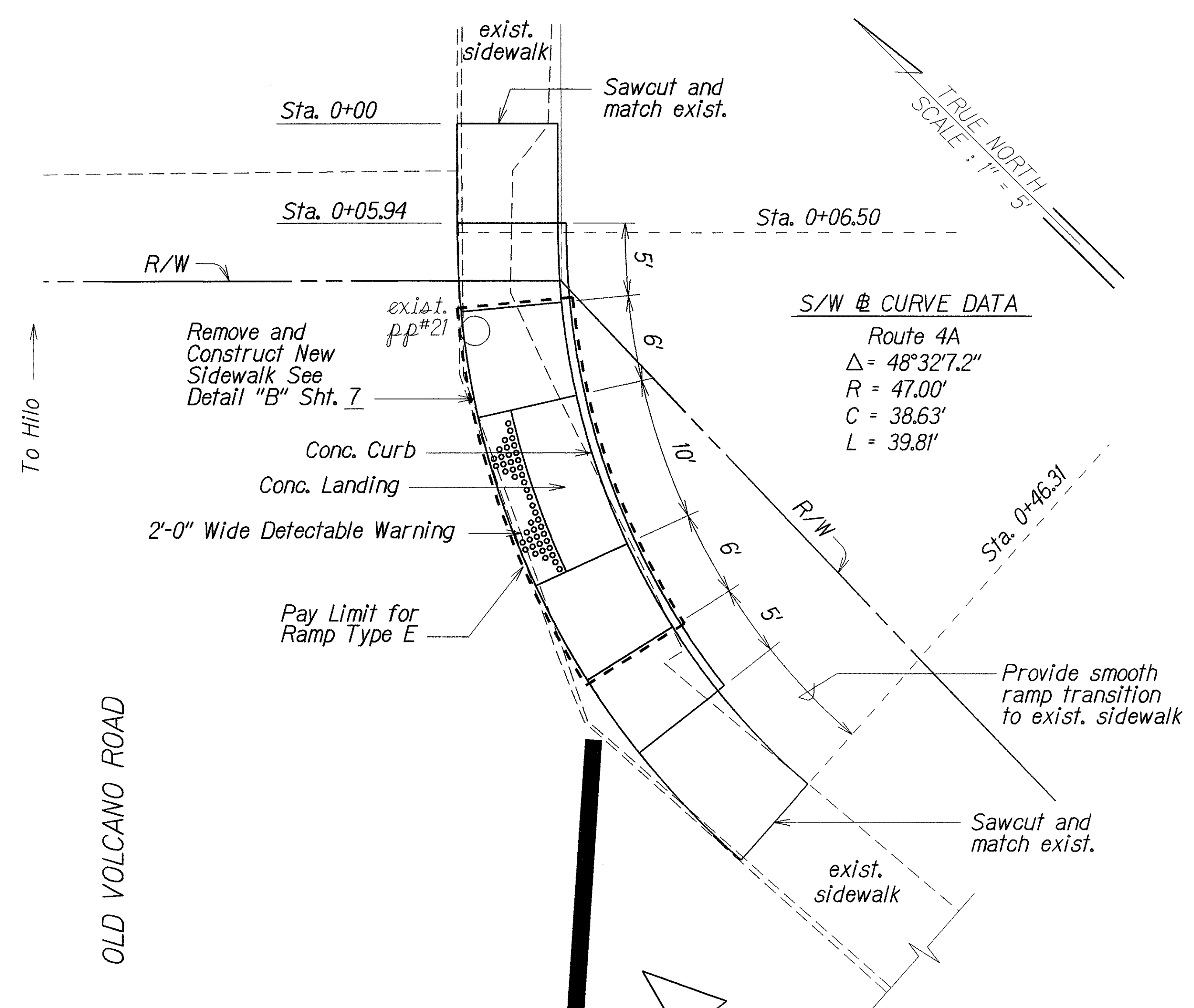
DETAIL PLAN
Scale: 1"=5'

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

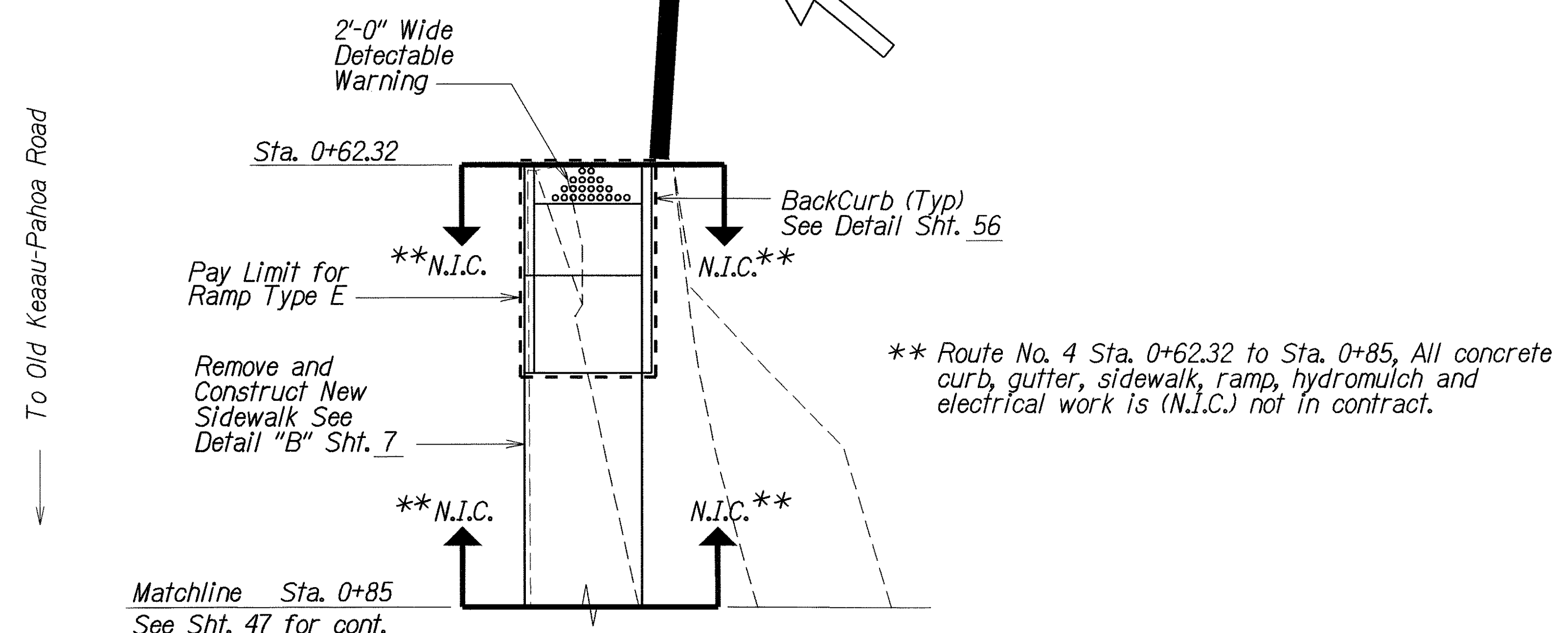
RAMP AND SIDEWALK DETAIL
ROUTE NO. 3
OLD KEA'AU-PAHOA ROAD RESURFACING
KEA'AU TO KEA'AU HIGH SCHOOL
PROJECT NO 139A-01-05M

Scale: As Shown Date: Nov., 2004
SHEET No. 3 OF 11 SHEETS

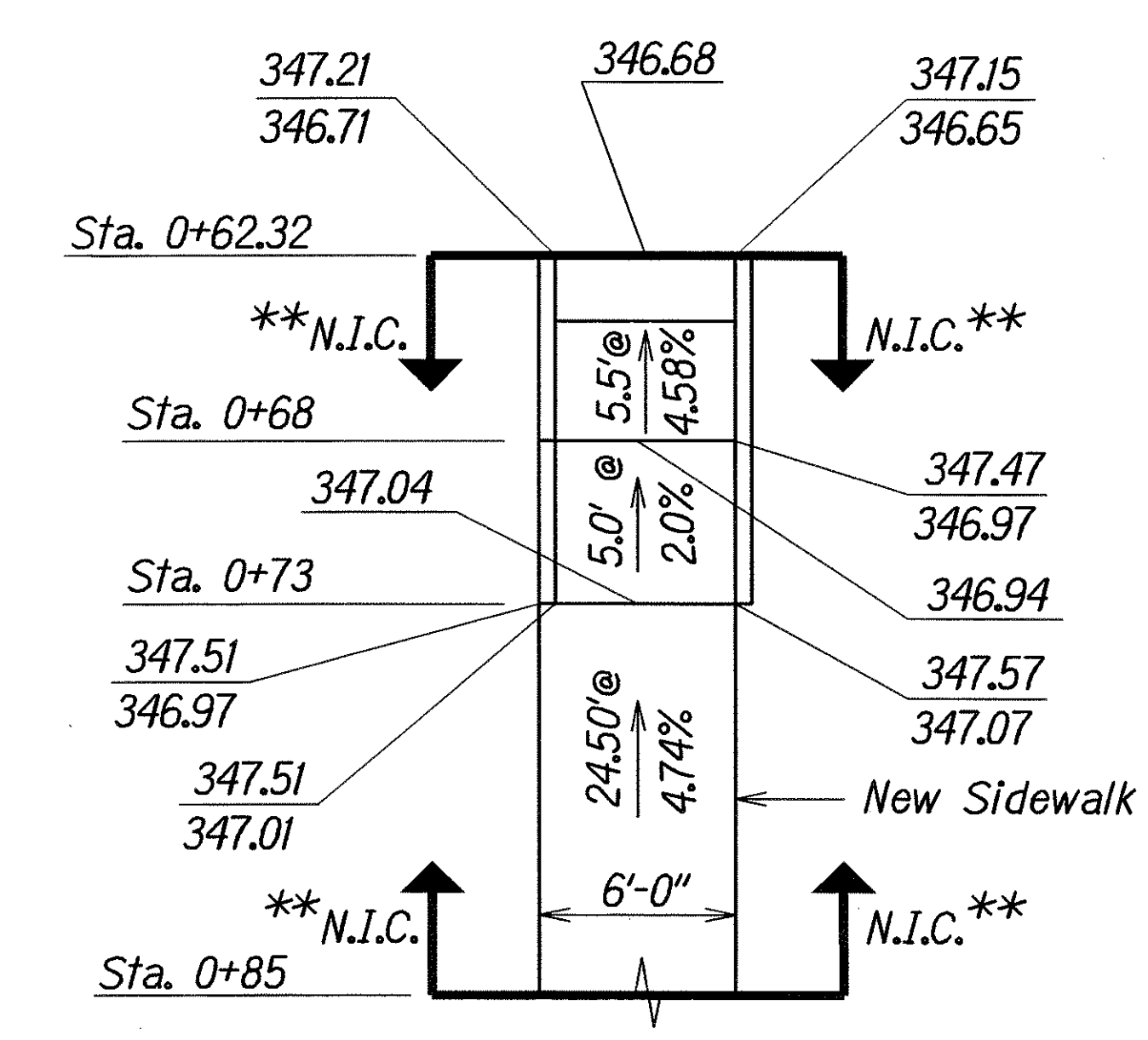
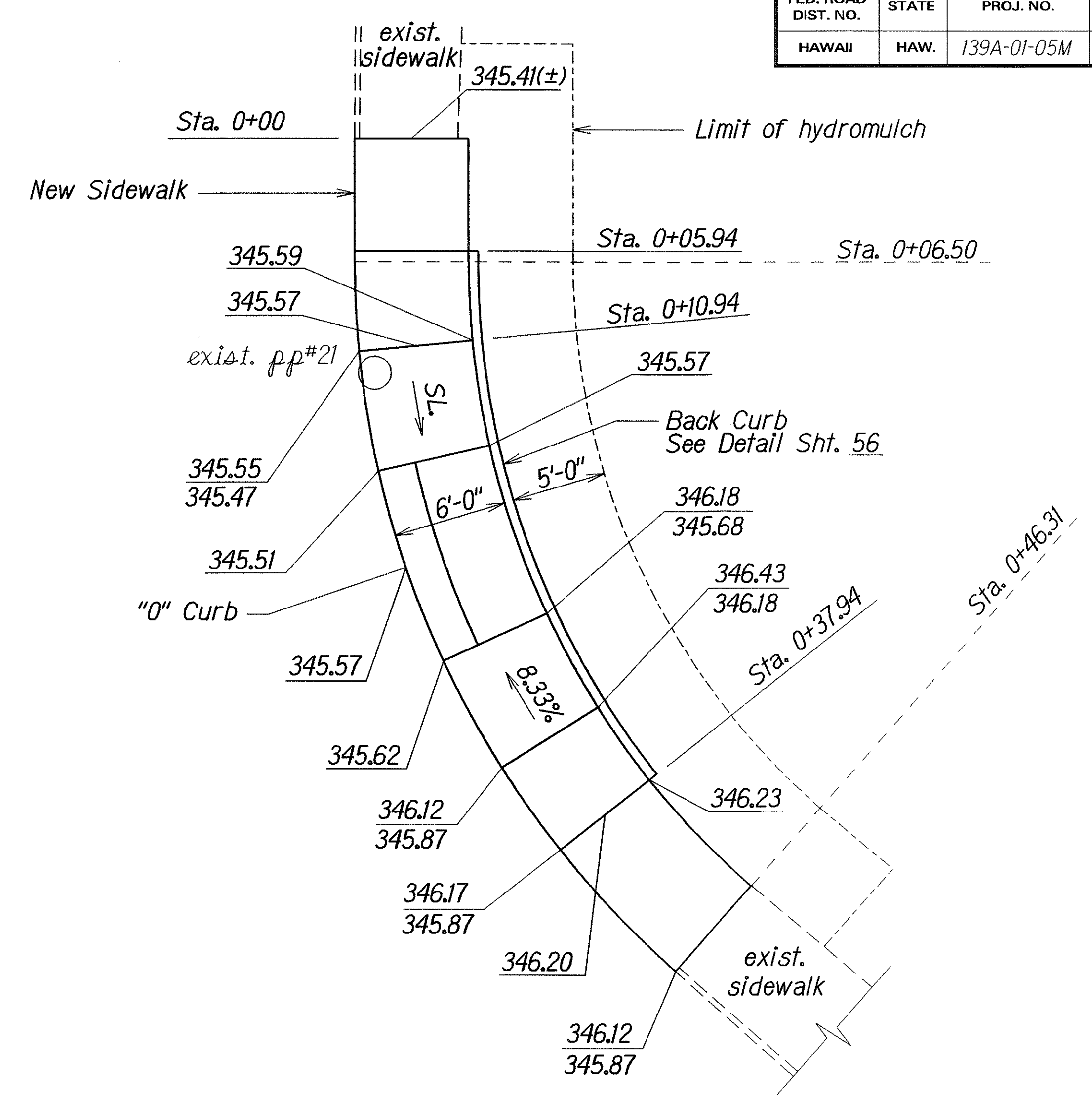
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	139A-01-05M	2007	46	106



S/W & CURVE DATA
 Route 4A
 $\Delta = 48^\circ 32' 7.2''$
 $R = 47.00'$
 $C = 38.63'$
 $L = 39.81'$



DETAIL PLAN
 Scale: 1"=5'



ELEVATION PLAN
 Scale: 1"=5'

NOTE :

341.76 Finish Elevation

341.76 Top of Curb - Elevation

471.26 Bottom of Curb - Elevation

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

RAMP AND SIDEWALK DETAIL

ROUTE NO. 4

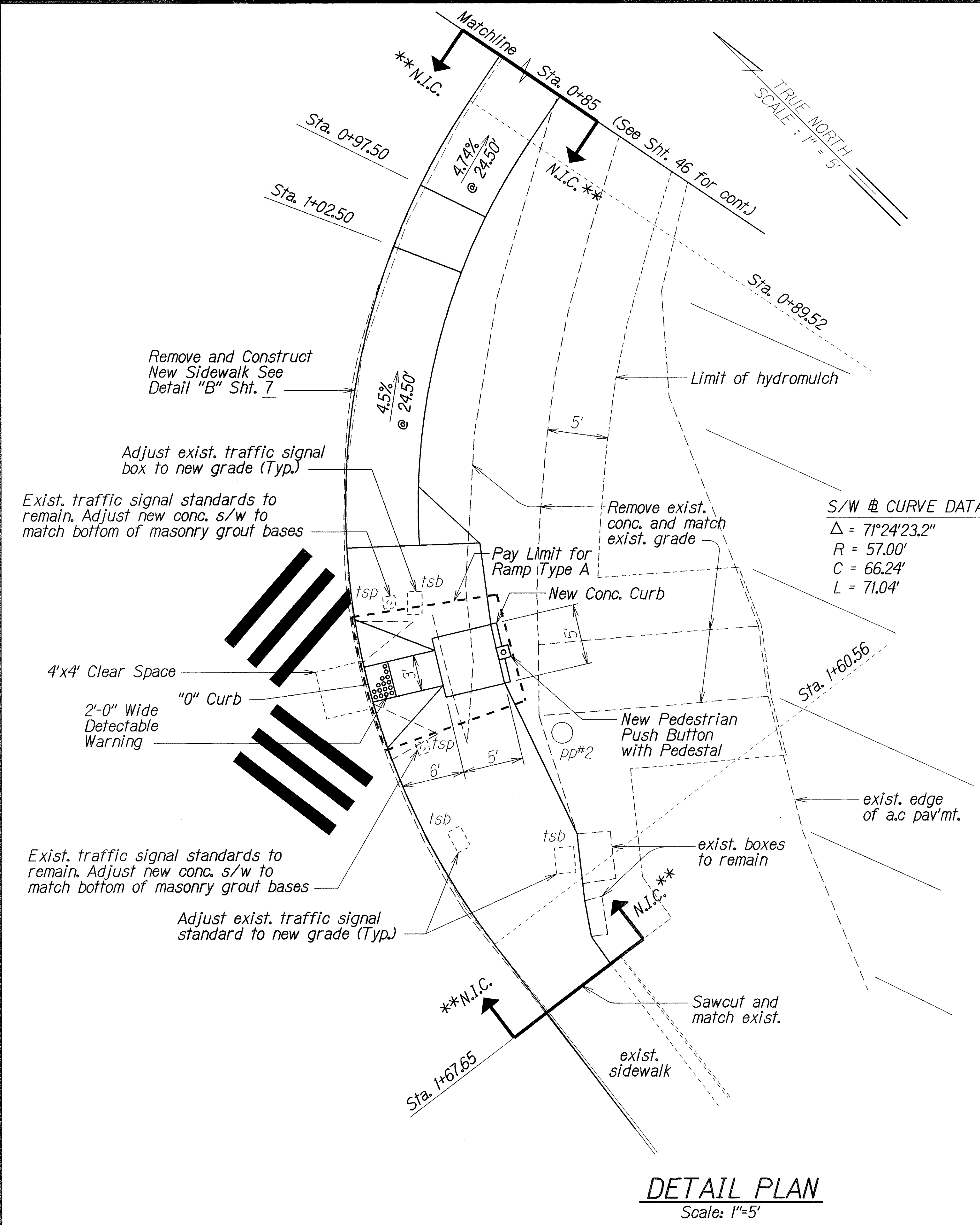
OLD KEA'AU-PAHOA ROAD RESURFACING
 KEA'AU TO KEAAU HIGH SCHOOL
 PROJECT NO 139A-01-05M

Scale: As Shown Date: Nov., 2004

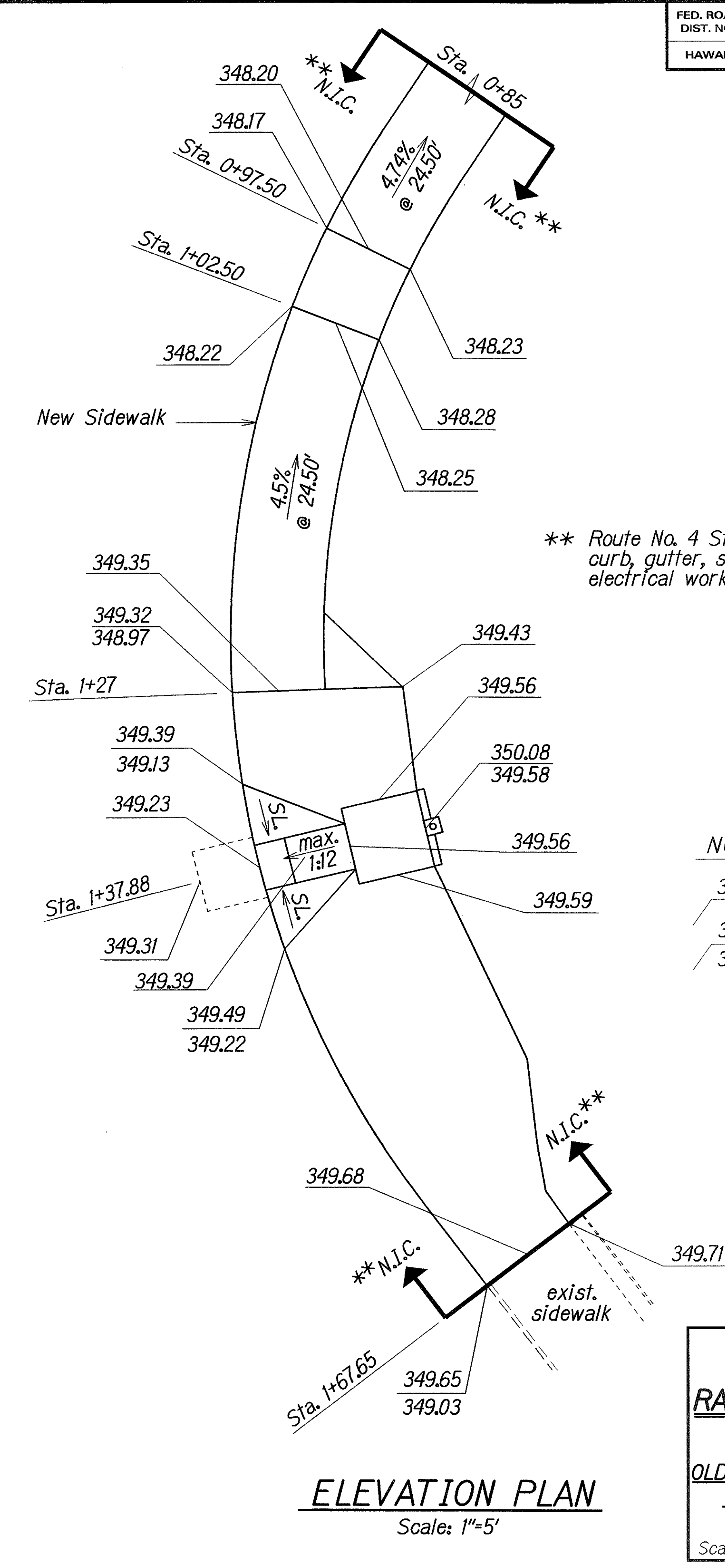
SHEET No. 6 OF 11 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	139A-01-05M	2007	47	106



DETAIL PLAN
Scale: 1"=5'



ELEVATION PLAN
Scale: 1"=5'

** Route No. 4 Sta. 0+85 to Sta. 1+67.65, All concrete curb, gutter, sidewalk, ramp, hydromulch and electrical work is (N.I.C.) not in contract.

NOTE :
341.76 Finish Elevation
341.76 Top of Curb - Elevation
341.26 Bottom of Curb - Elevation

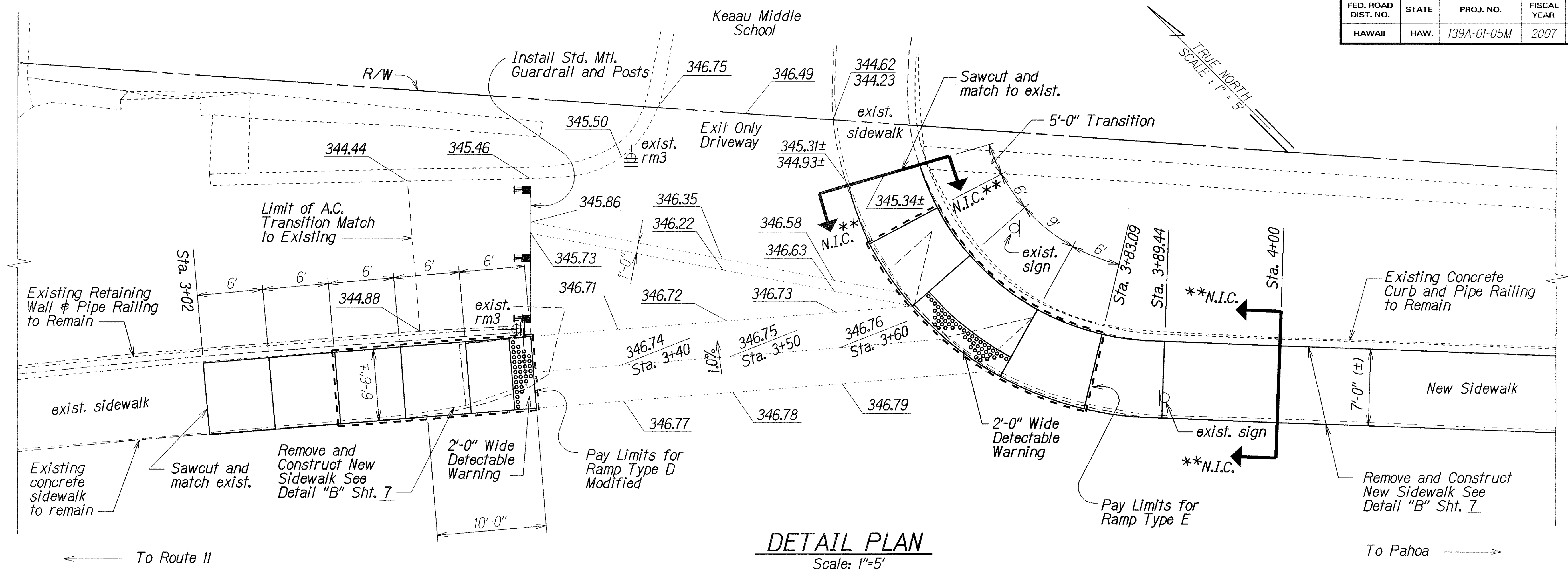
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

RAMP AND SIDEWALK DETAIL
ROUTE NO. 4
OLD KEA'AU-PAHOA ROAD RESURFACING
KEA'AU TO KEAAU HIGH SCHOOL
PROJECT NO 139A-01-05M
Scale: As Shown Date: Nov., 2004

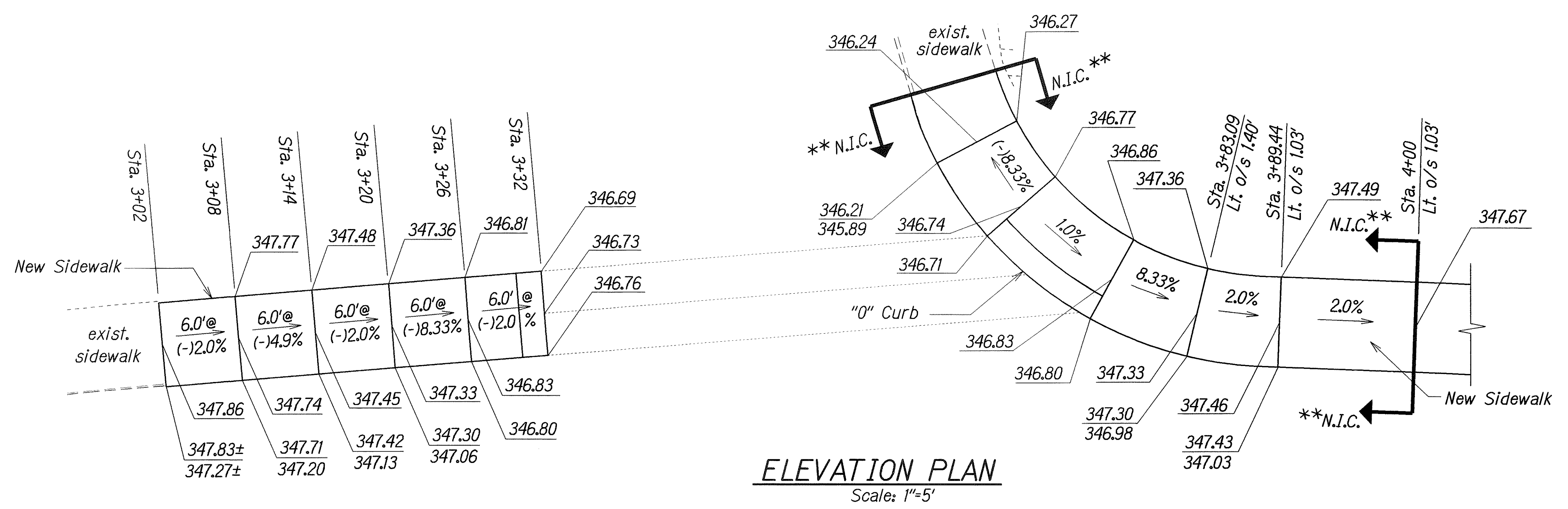
SHEET No. 7 OF 11 SHEETS

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	139A-01-05M	2007	48	106



** Route No. 4 Sta. 4+00 to End of Ramp Transition, All concrete curb, gutter, sidewalk, and ramp is (N.I.C.) not in contract.



- NOTE :
- 341.76 Finish Elevation
 - 341.76 Top of Curb - Elevation
 - 341.26 Bottom of Curb - Elevation

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

RAMP AND SIDEWALK DETAIL

ROUTE NO. 4

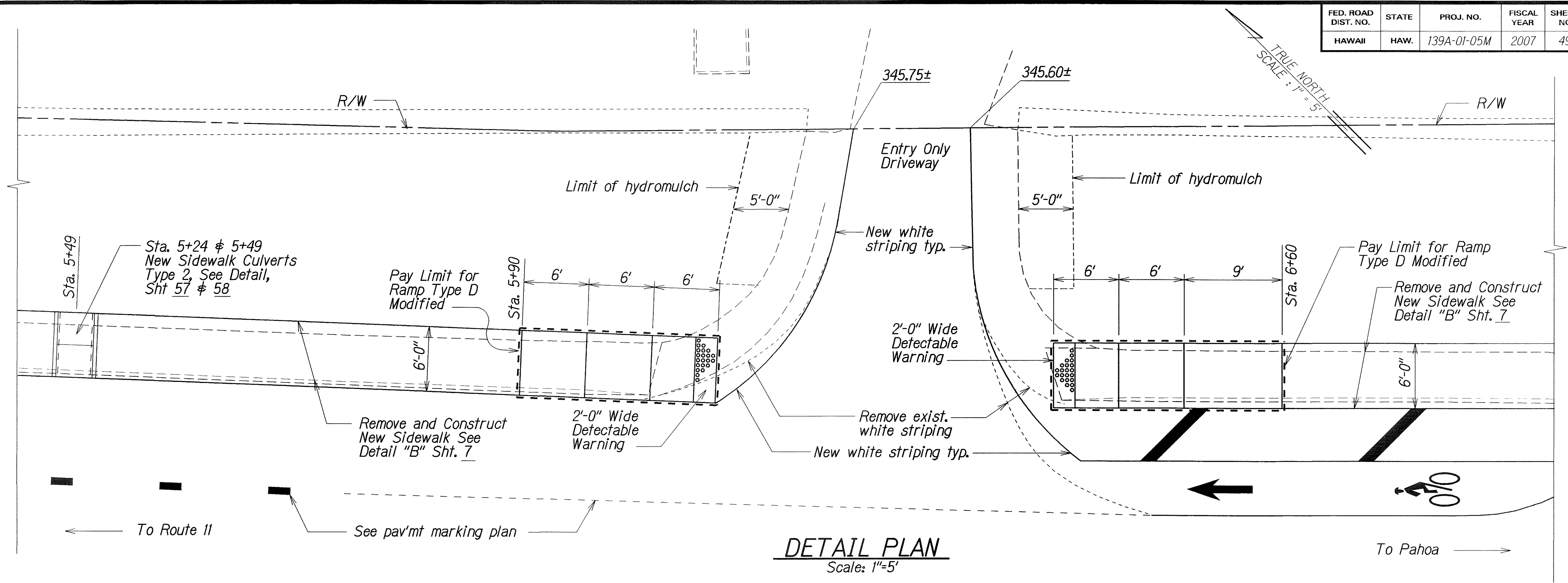
OLD KEA'AU-PAHOA ROAD RESURFACING
KEA'AU TO KEAAU HIGH SCHOOL
PROJECT NO 139A-01-05M

Scale: As Shown Date: Nov., 2004

SHEET No. 8 OF 11 SHEETS

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
IN CHARGE	
NOTED BY	
QUANTITIES BY	
REVISIONS	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	139A-01-05M	2007	49	106



NOTE :

341.76 Finish Elevation
 341.76 Top of Curb - Elevation
 341.26 Bottom of Curb - Elevation

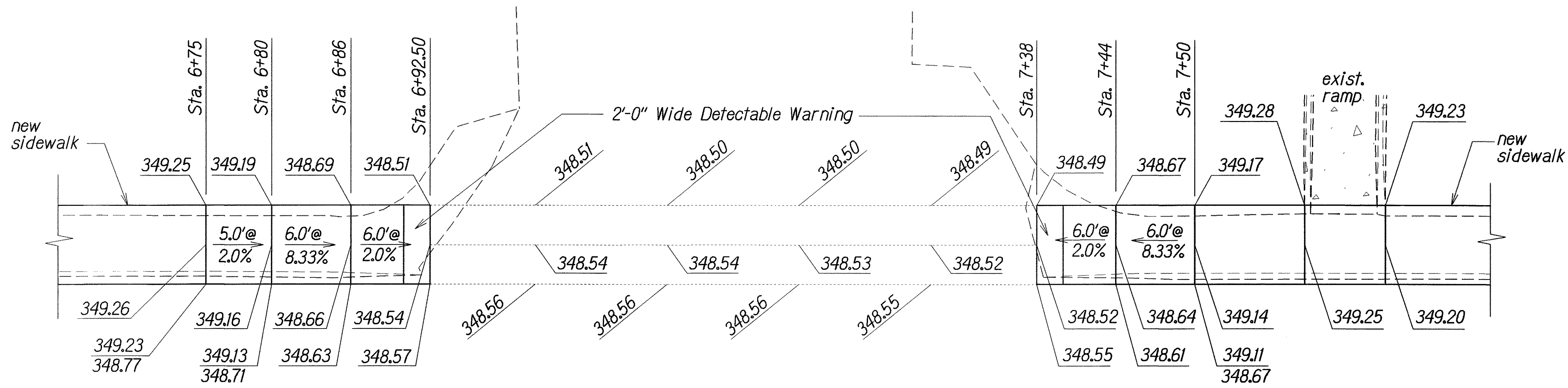
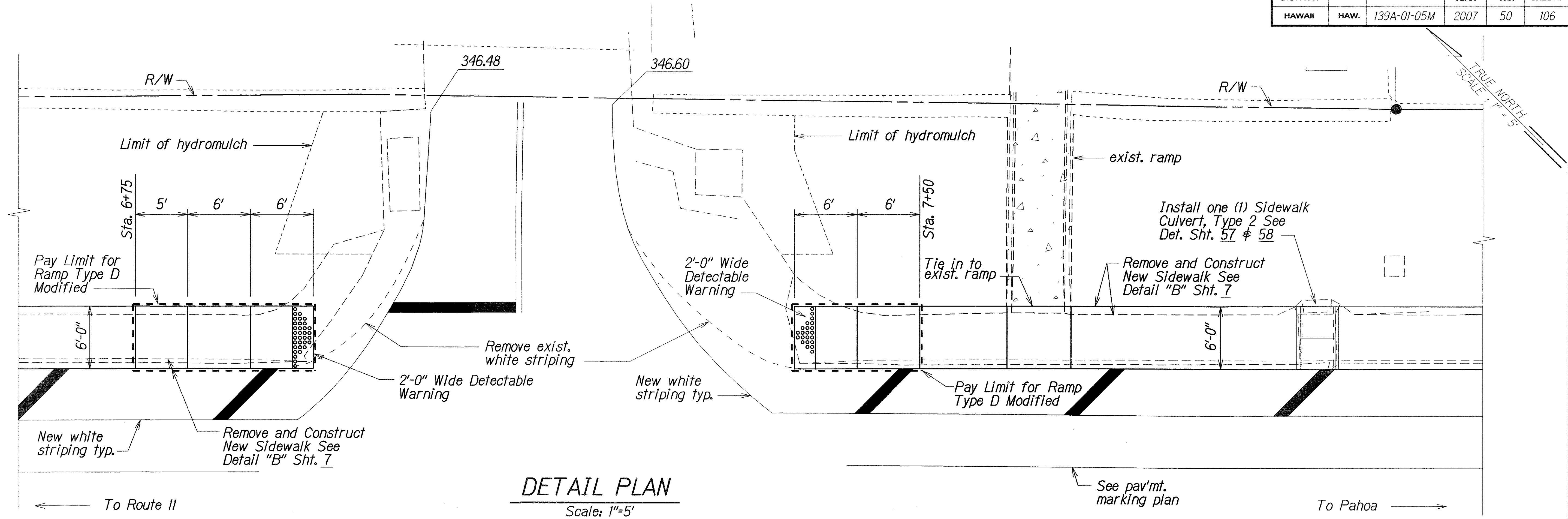
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

RAMP AND SIDEWALK DETAIL
ROUTE NO. 4
 OLD KEA'AU-PAHOA ROAD RESURFACING
 KEA'AU TO KEAAU HIGH SCHOOL
 PROJECT NO 139A-01-05M

Scale: As Shown Date: Nov., 2004
 SHEET No. 9 OF 11 SHEETS

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

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	139A-01-05M	2007	50	106



NOTE :

- 341.76 Finish Elevation
- 341.76 Top of Curb - Elevation
- 341.26 Bottom of Curb - Elevation

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
IN CHARGE	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

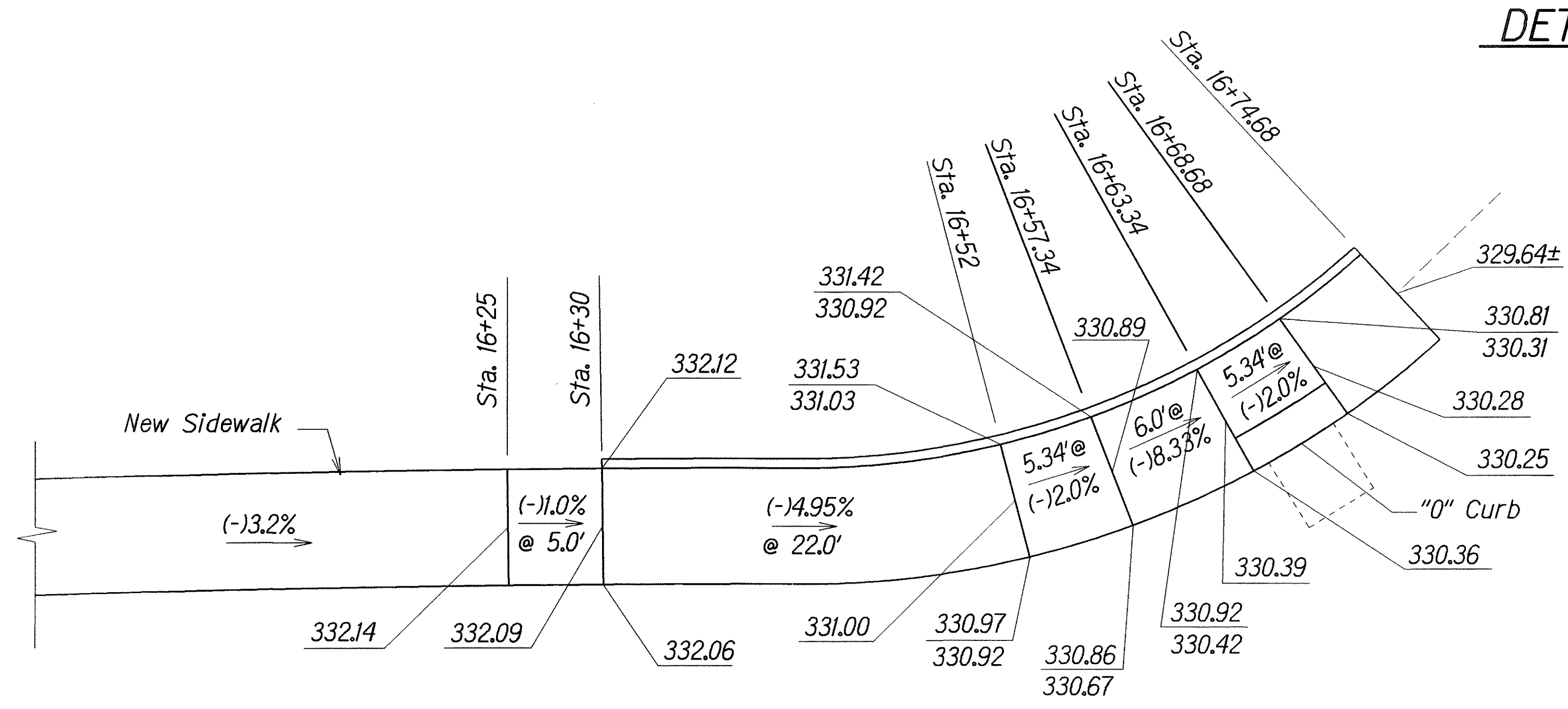
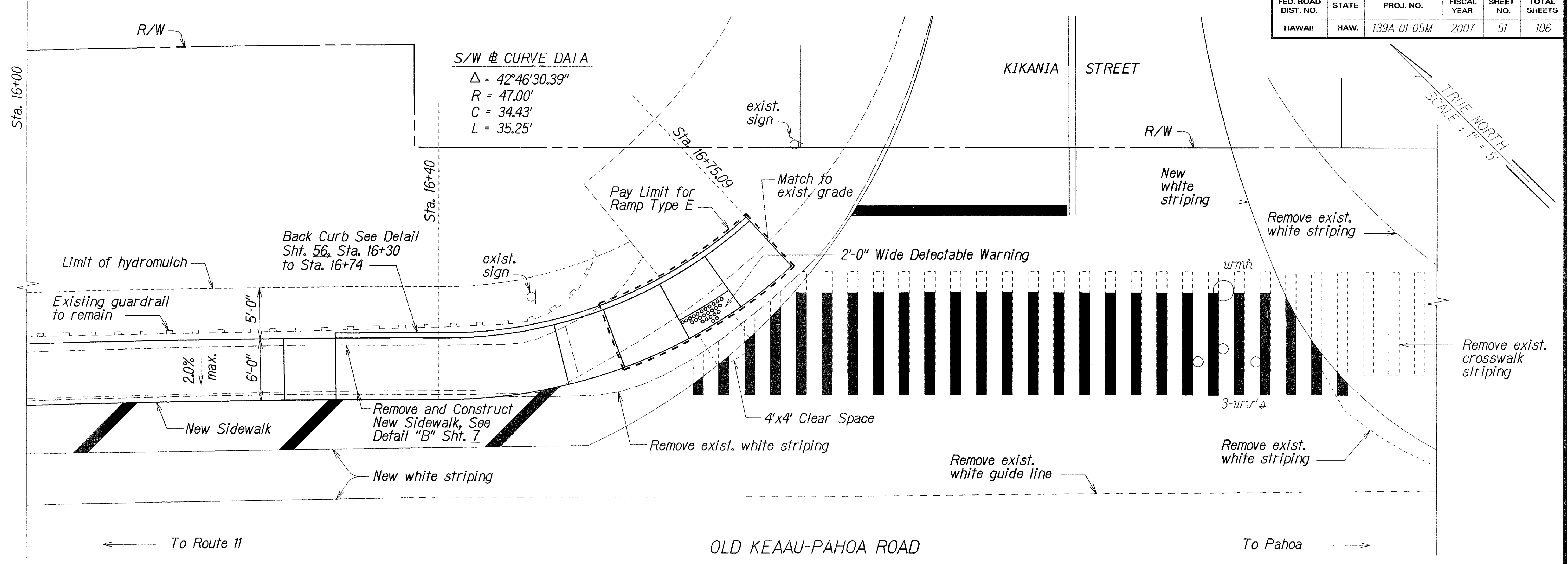
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

RAMP AND SIDEWALK DETAIL
ROUTE NO. 4
OLD KEA'AU-PAHOA ROAD RESURFACING
KEA'AU TO KEAAU HIGH SCHOOL
PROJECT NO 139A-01-05M

Scale: As Shown Date: Nov., 2004

SHEET No. 10 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	139A-01-05M	2007	51	106



NOTE :
 341.76 Finish Elevation
 341.76 Top of Curb - Elevation
 341.26 Bottom of Curb - Elevation

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

RAMP AND SIDEWALK DETAIL
ROUTE NO. 4
 OLD KEA'AU-PAHOA ROAD RESURFACING
 KEA'AU TO KEAAU HIGH SCHOOL
 PROJECT NO 139A-01-05M

Scale: As Shown Date: Nov., 2004
 SHEET No. 11 OF 11 SHEETS

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