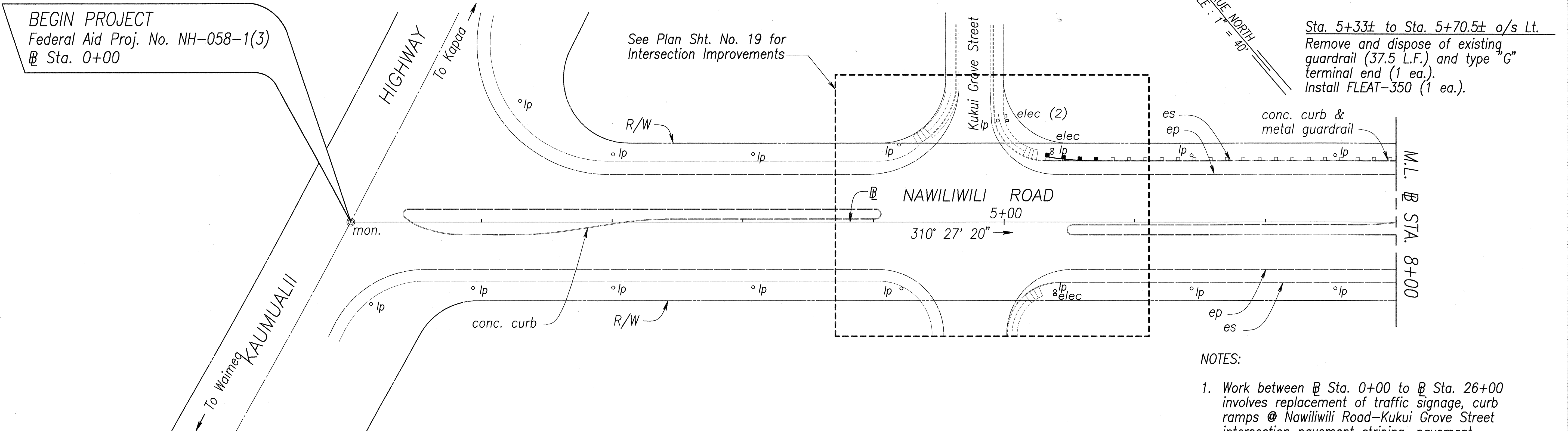
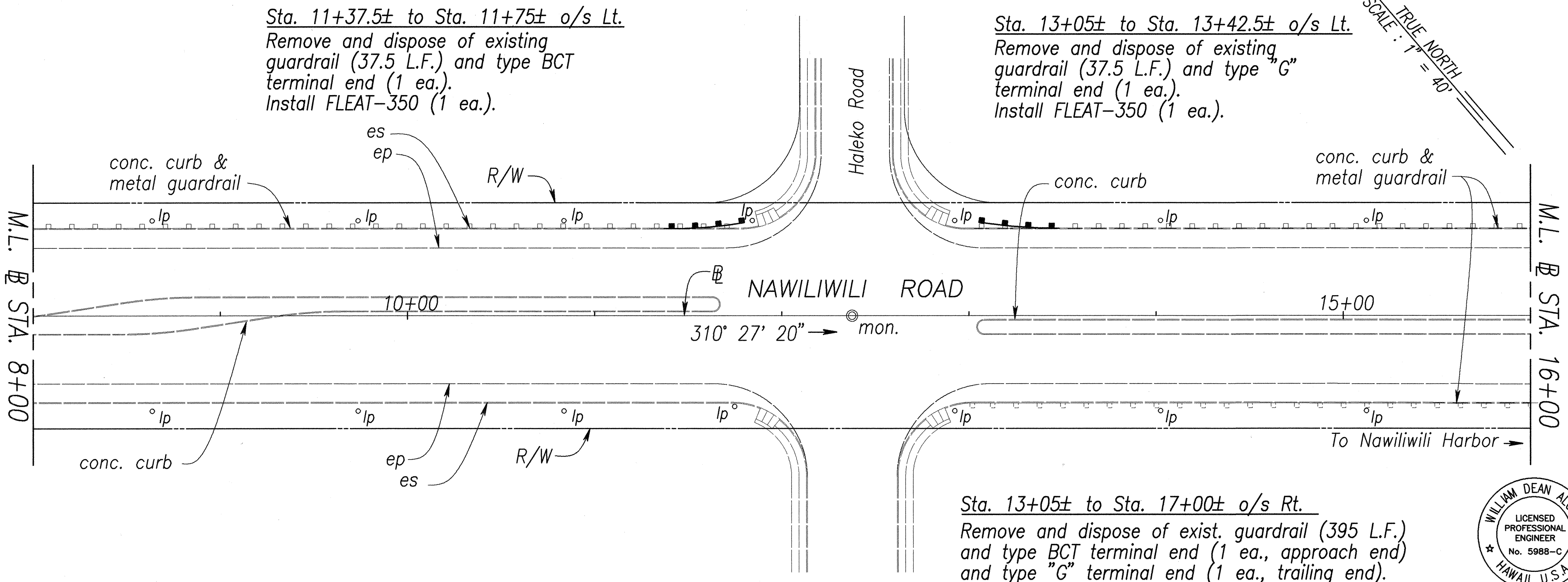


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-058-1(3)	2001	21	39



NOTES:

1. Work between Sta. 0+00 to Sta. 26+00 involves replacement of traffic signage, curb ramps @ Nawiliwili Road-Kukui Grove Street intersection pavement striping, pavement markers and reflector markers only. Resurfacing work begins at Sta. 26+00.
2. Prior to installing new curb ramps at Nawiliwili Road-Kukui Grove intersection, demolish and dispose of exist. curb ramps (3 ea.) and portions of concrete sidewalk. The cost of demolishing and disposing of curb ramps and concrete sidewalks shall be considered incidental to various contract items under section 650 - Curb Ramps.
3. Existing curb ramps at Haleko Road and Pikake Street Intersection will be upgraded under separate project (Traffic Signal Intersection Improvements).



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

NAWILIWILI ROAD RESURFACING
Kaunualii Highway to Waapa Road
Federal Aid Proj. No. NH-058-1(3)
Scale: 1" = 40' Date: Nov. 2000

SHEET No. 1 OF 6 SHEETS

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	9-8-00
DRAWN BY	H. P. P. P.
DESIGNED BY	S. H. H. H.
QUANTITIES BY	S. H. H. H.
CHECKED BY	S. H. H. H.
NOTED BY	S. H. H. H.
NO.	000001

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-058-1(3)	2001	22	39

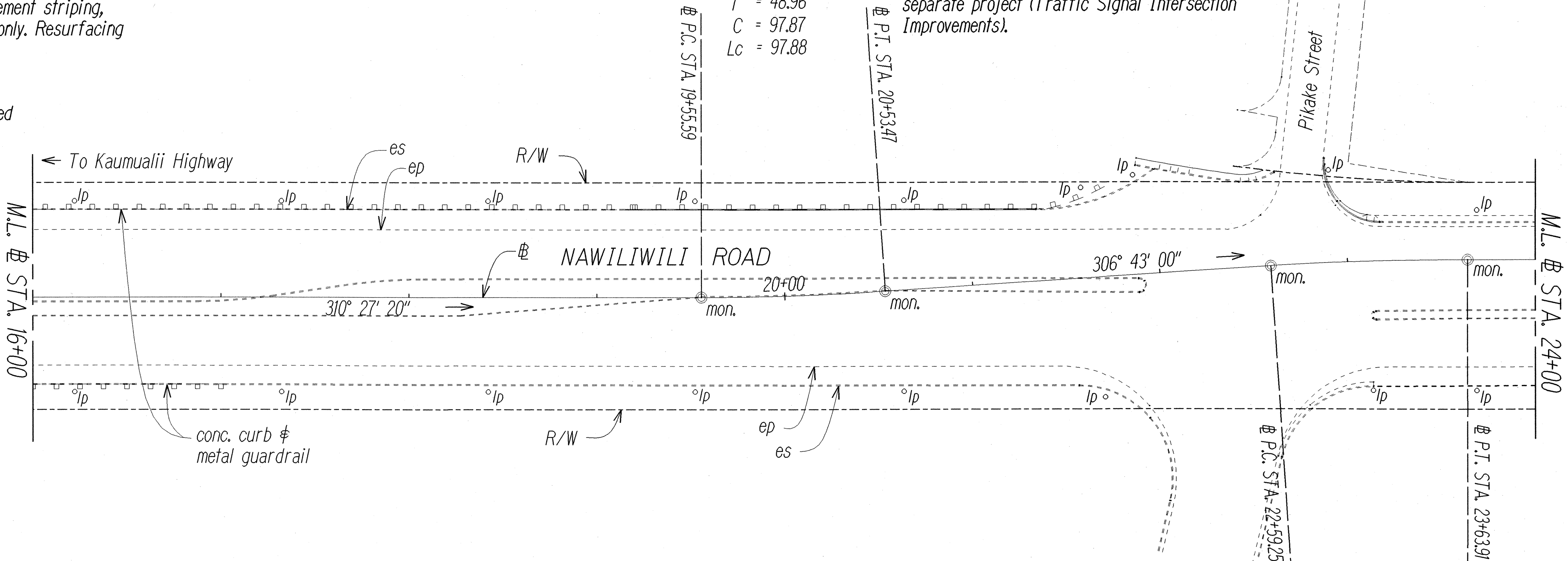
NOTES:

1. Work between Sta. 0+00 to Sta. 26+00 involves replacement of traffic signage, curb ramps at Nawiliwili Road-Kukui Grove Street intersection, pavement striping, pavement markers and reflector markers only. Resurfacing work begins at Sta. 26+00.
2. Existing curb ramps at Haleko Road and Pikake Street Intersection will be upgraded under separate project (Traffic Signal Intersection Improvements).

⊕ CURVE DATA

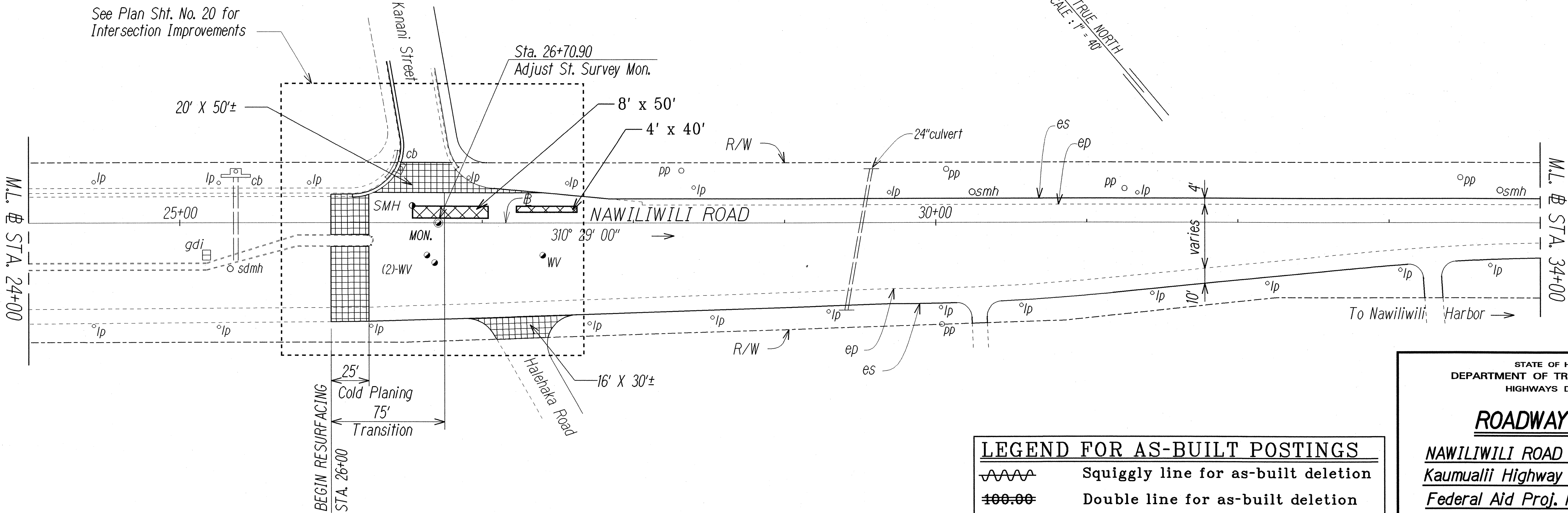
$\Delta = 3^{\circ}44'20''$
 $R = 1,500.00$
 $T = 48.96$
 $C = 97.87$
 $Lc = 97.88$

Sta. 21+37.5 to Sta. 21+75± o/s Lt.
 Terminal End will be upgraded under separate project (Traffic Signal Intersection Improvements).



⊕ CURVE DATA

$\Delta = 3^{\circ}46'00''$
 $R = 1,592.00$
 $T = 52.35$
 $C = 104.64$
 $Lc = 104.66$



LEGEND FOR AS-BUILT POSTINGS

~~~~~ Squiggly line for as-built deletion  
 = Double line for as-built deletion  
 Roadway Text for as-built posting

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

ROADWAY PLAN

NAWILIWILI ROAD RESURFACING  
 Kaunualii Highway to Waapa Road  
 Federal Aid Proj. No. NH-058-1(3)

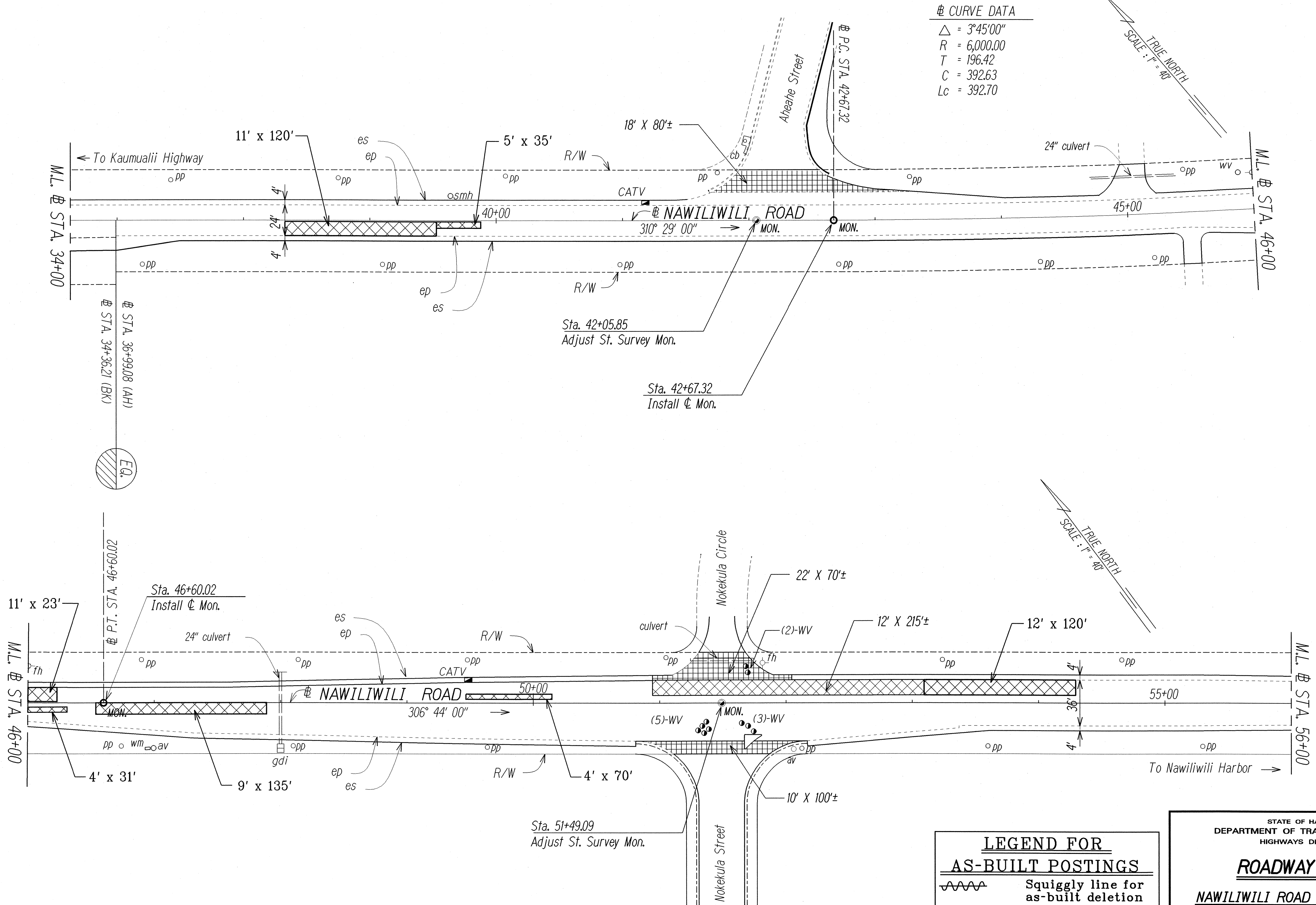
Scale: 1" = 40' Date: Nov. 2000

SHEET No. 2 OF 6 SHEETS

"AS-BUILT"



| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | NH-058-1(3)        | 2001        | 23        | 39           |



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

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**ROADWAY PLAN**

**NAWILIWILI ROAD RESURFACING**  
**Kaunualii Highway to Waapa Road**  
**Federal Aid Proj. No. NH-058-1(3)**

Scale: 1" = 40' Date: Nov. 2000

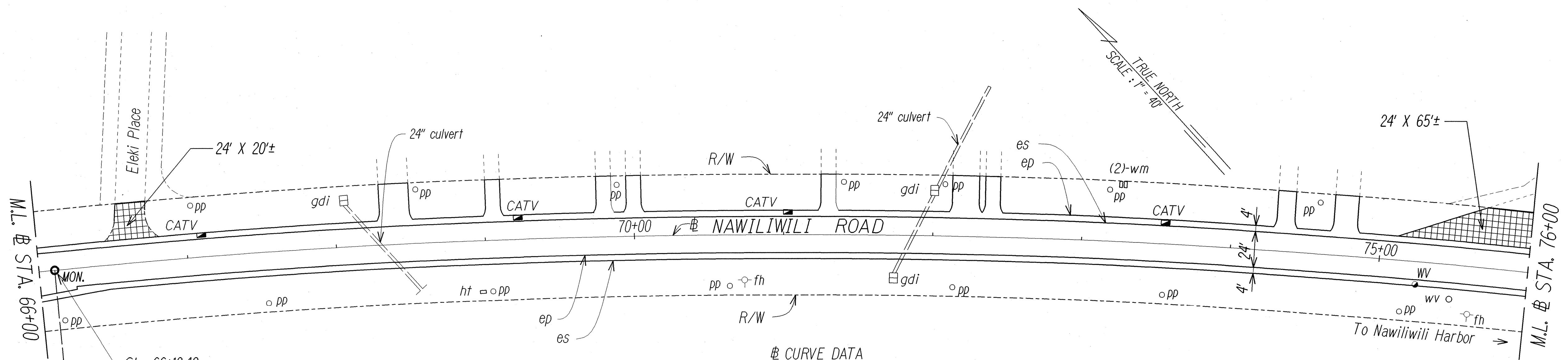
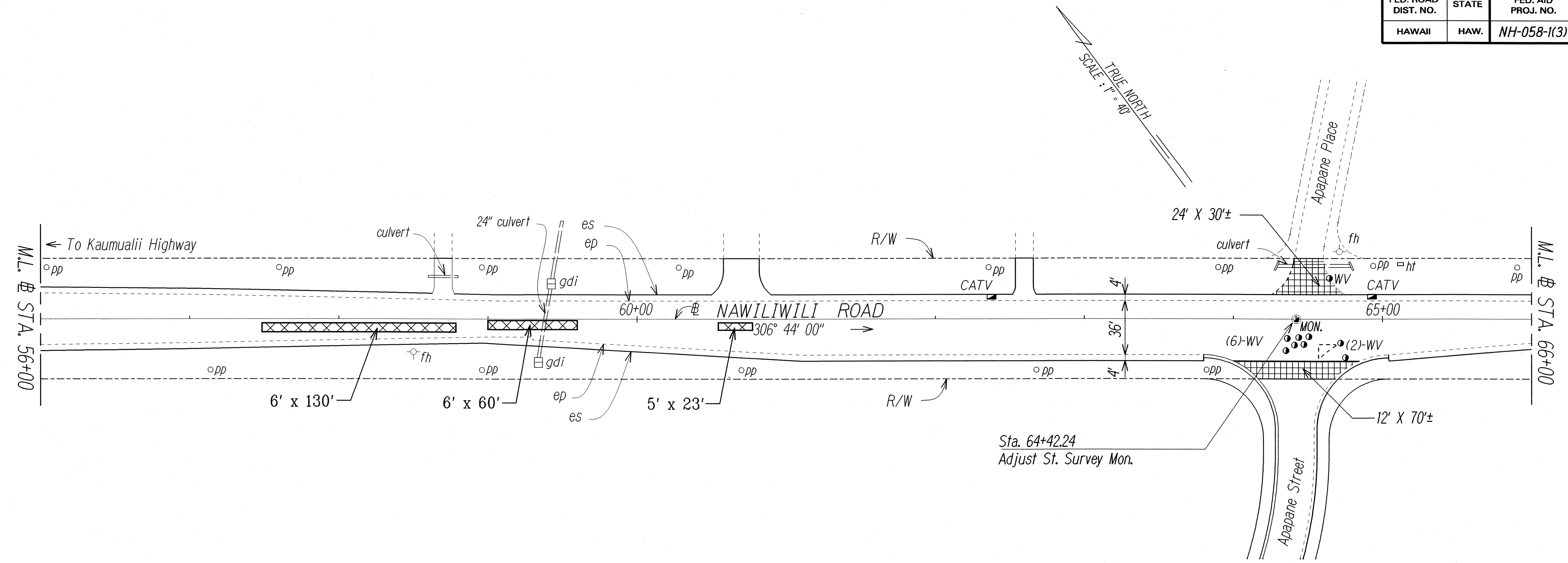
SHEET No. 3 OF 6 SHEETS

|               |      |
|---------------|------|
| ORIGINAL PLAN | DATE |
| NOTED BY      | DATE |
| DESIGNED BY   | DATE |
| CHECKED BY    | DATE |

"AS-BUILT"



| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | NH-058-1(3)        | 2001        | 24        | 39           |



@ CURVE DATA  
 $\Delta = 15^{\circ}40'00''$   
 $R = 5,000.00$   
 $T = 687.88$   
 $C = 1,362.92$   
 $L_c = 1,367.17$

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

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**ROADWAY PLAN**  
NAWILIWILI ROAD RESURFACING  
Kaunualii Highway to Waapa Road  
Federal Aid Proj. No. NH-058-1(3)  
Scale: 1" = 40'  
Date: Nov. 2000

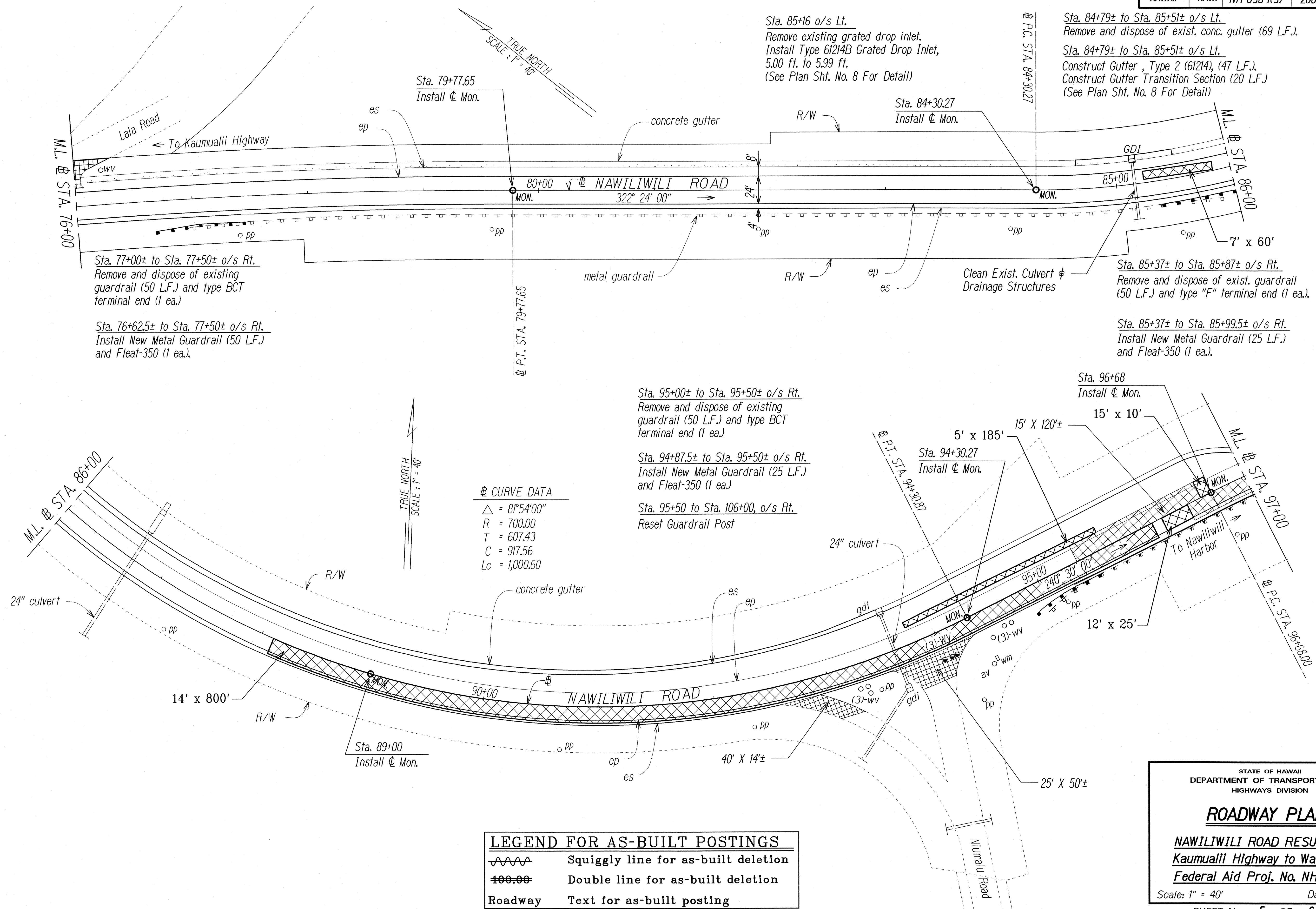
SHEET No. 4 OF 6 SHEETS

|               |               |
|---------------|---------------|
| DATE          | 2-2-00        |
| DESIGNED BY   | S. H. H. 200  |
| QUANTITIES BY | W. H. 2, 2000 |
| CHECKED BY    | W. H. 2, 2000 |
| ORIGINAL PLAN |               |
| NOTE BOX      |               |
| AS-BUILT      |               |

"AS-BUILT"



| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | NH-058-1(3)        | 2001        | 25        | 39           |



⊕ CURVE DATA

|    |            |
|----|------------|
| Δ  | = 8°54'00" |
| R  | = 700.00   |
| T  | = 607.43   |
| C  | = 917.56   |
| Lc | = 1,000.60 |

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

|               |             |
|---------------|-------------|
| DATE          | 5-2-00      |
| DESIGNED BY   | S. Hagan    |
| CHECKED BY    | W. D. Allen |
| NOTED BY      | W. D. Allen |
| QUANTITIES BY | W. D. Allen |
| TRACED BY     | W. D. Allen |
| ORIGINAL PLAN |             |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

### ROADWAY PLAN

NAWILIWILI ROAD RESURFACING  
Kaumualii Highway to Waapa Road  
Federal Aid Proj. No. NH-058-1(3)

Scale: 1" = 40'  
Date: Nov. 2000

SHEET No. 5 OF 6 SHEETS



| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | NH-058-1(3)        | 2001        | 26        | 39           |

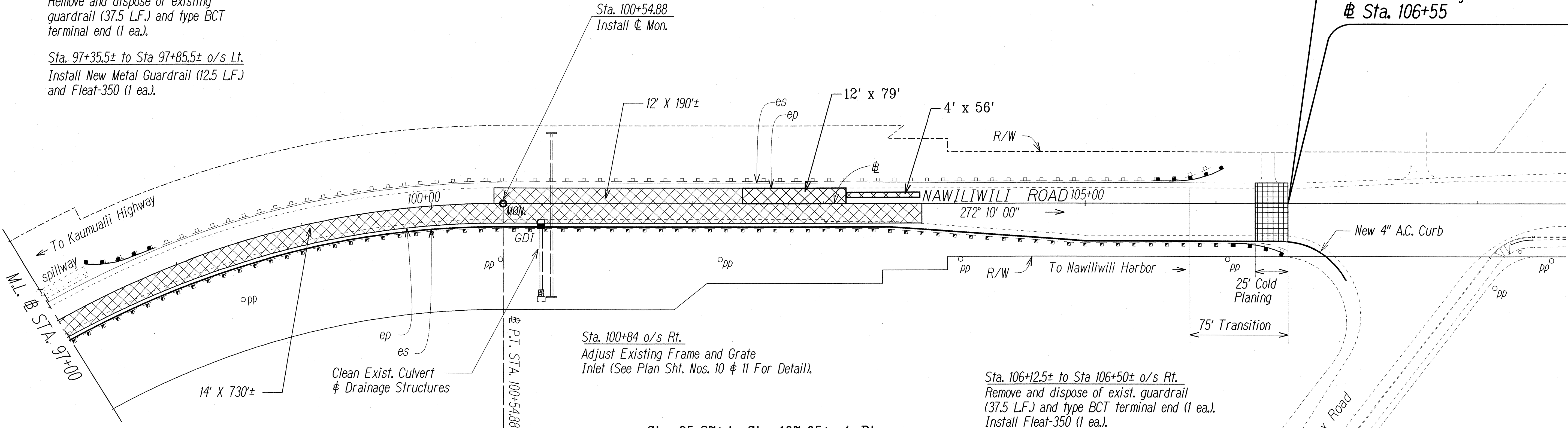
Sta. 97+48± to Sta 97+85.5± o/s Lt.  
Remove and dispose of existing guardrail (37.5 L.F.) and type BCT terminal end (1 ea.).

Sta. 97+35.5± to Sta 97+85.5± o/s Lt.  
Install New Metal Guardrail (12.5 L.F.) and Fleet-350 (1 ea.).

Sta. 105+55.5± to Sta 105+93± o/s Lt.  
Remove and dispose of existing guardrail (37.5 L.F.) and type BCT terminal end (1 ea.).

Sta. 105+55.5± to Sta 106+05.5± o/s Lt.  
Install New Metal Guardrail (12.5 L.F.) and Fleet-350 (1 ea.).

END PROJECT  
Federal Aid Proj. No. NH-058-1(3)  
@ Sta. 106+55



~~Sta. 95+27± to Sta. 107+05± o/s Rt.  
Remove Existing A.C. Curb and  
Install New 4\"/>~~

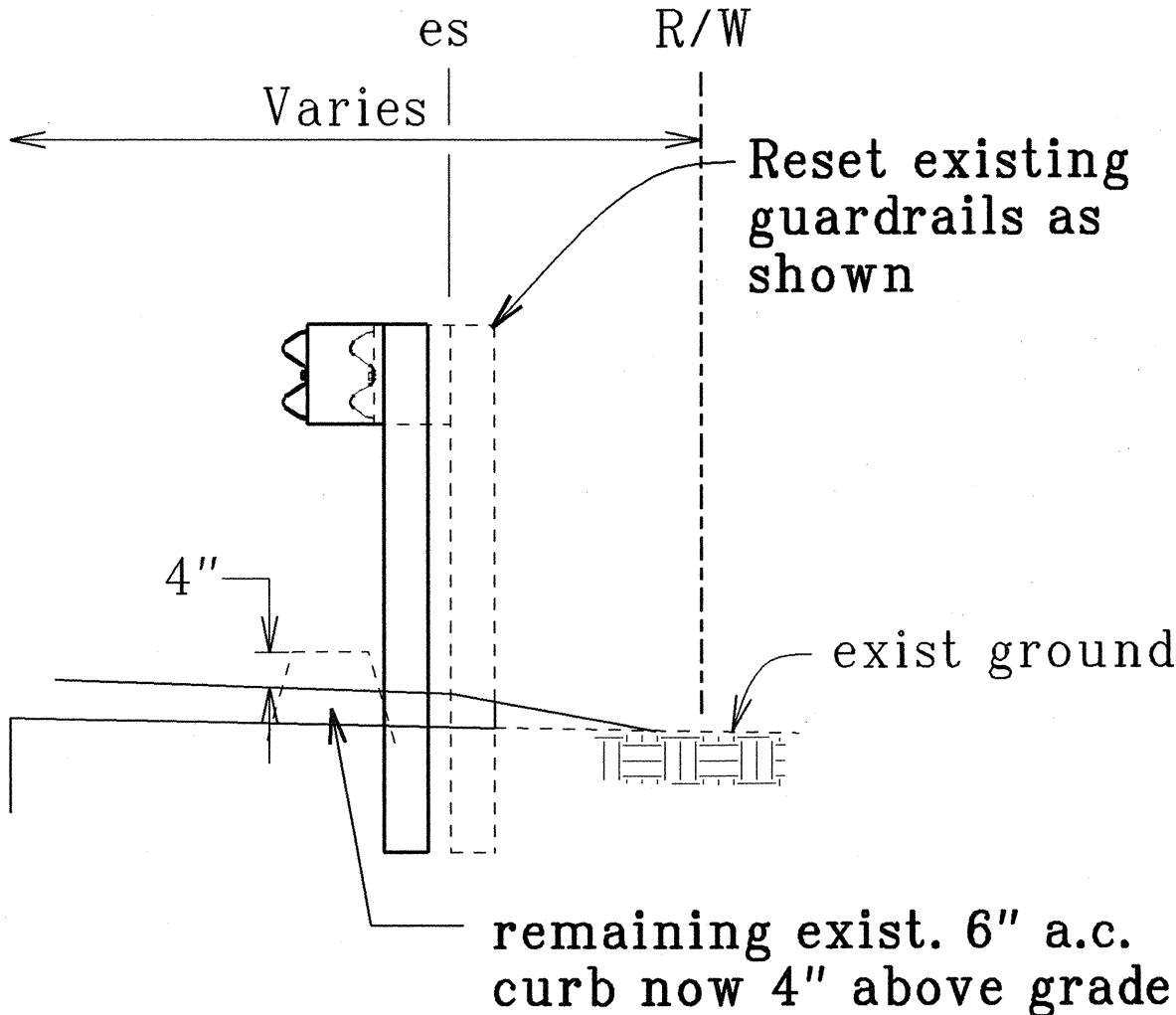
~~Sta. 95+50± to Sta. 106+00± o/s Rt.  
Reset Guardrail Post (170 ea.)~~

⊕ CURVE DATA  
Δ = 31°40'00"  
R = 700.00  
T = 198.52  
C = 381.98  
Lc = 386.88

Sta. 100+84 o/s Rt.  
Adjust Existing Frame and Grate Inlet (See Plan Sht. Nos. 10 & 11 For Detail).

Sta. 95+27± to Sta. 107+05± o/s Rt.  
Reset Existing Guardrail to Match the Face of Existing A.C. Curb (see below)

Sta. 106+12.5± to Sta 106+50± o/s Rt.  
Remove and dispose of exist. guardrail (37.5 L.F.) and type BCT terminal end (1 ea.).  
Install Fleet-350 (1 ea.).



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

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

ROADWAY PLAN  
NAWILIWILI ROAD RESURFACING  
Kaunualii Highway to Waapa Road  
Federal Aid Proj. No. NH-058-1(3)  
Scale: 1" = 40'  
Date: Nov. 2000

SHEET No. 6 OF 6 SHEETS

|                           |              |
|---------------------------|--------------|
| GENERAL PLAN              | DATE 9-20-00 |
| DESIGNED BY S. H. H. H.   |              |
| TRACED BY S. H. H. H.     |              |
| NOTES BY S. H. H. H.      |              |
| QUANTITIES BY S. H. H. H. |              |
| CHECKED BY S. H. H. H.    |              |

"AS-BUILT"