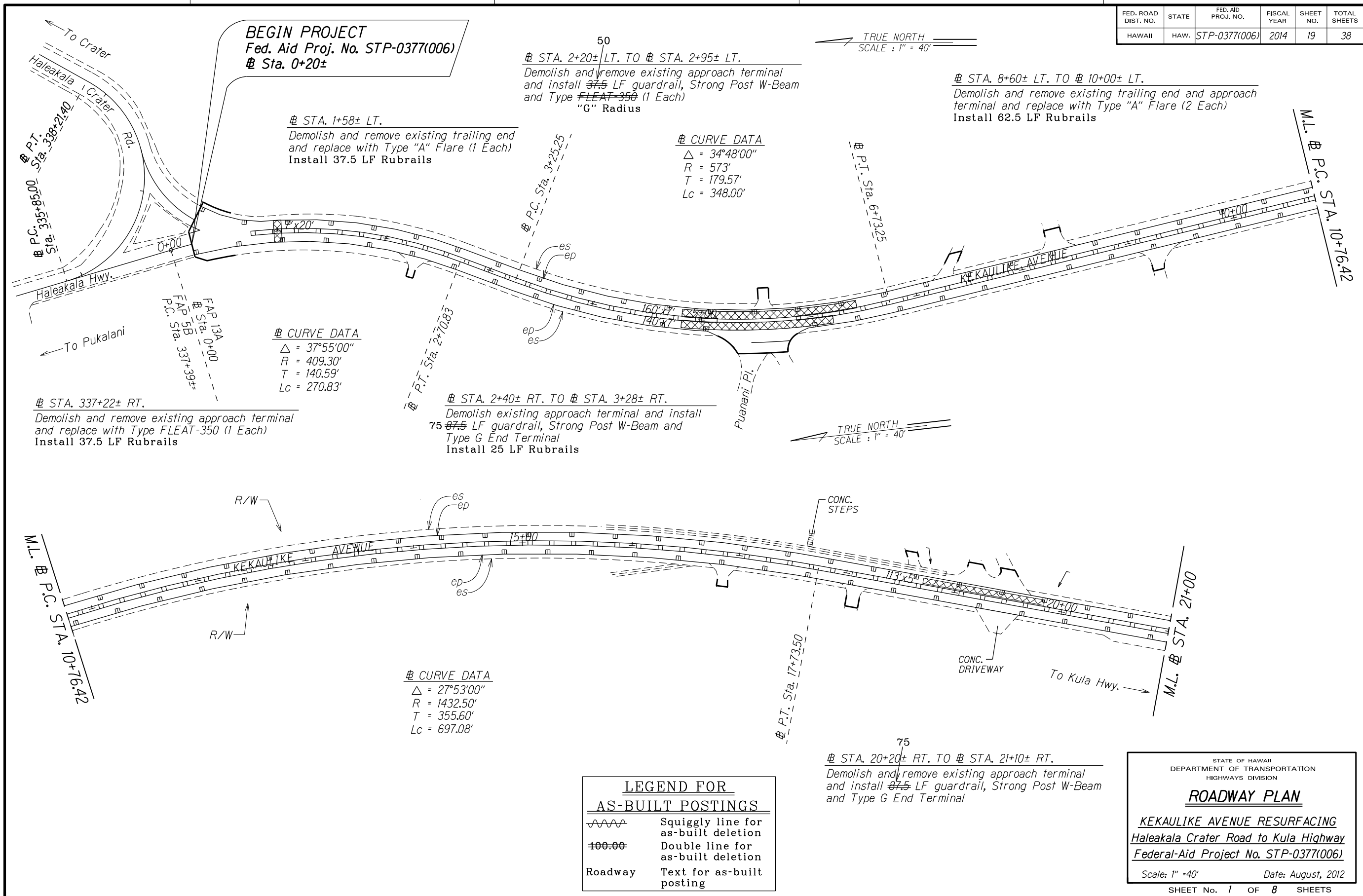


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0377(006)	2014	19	38

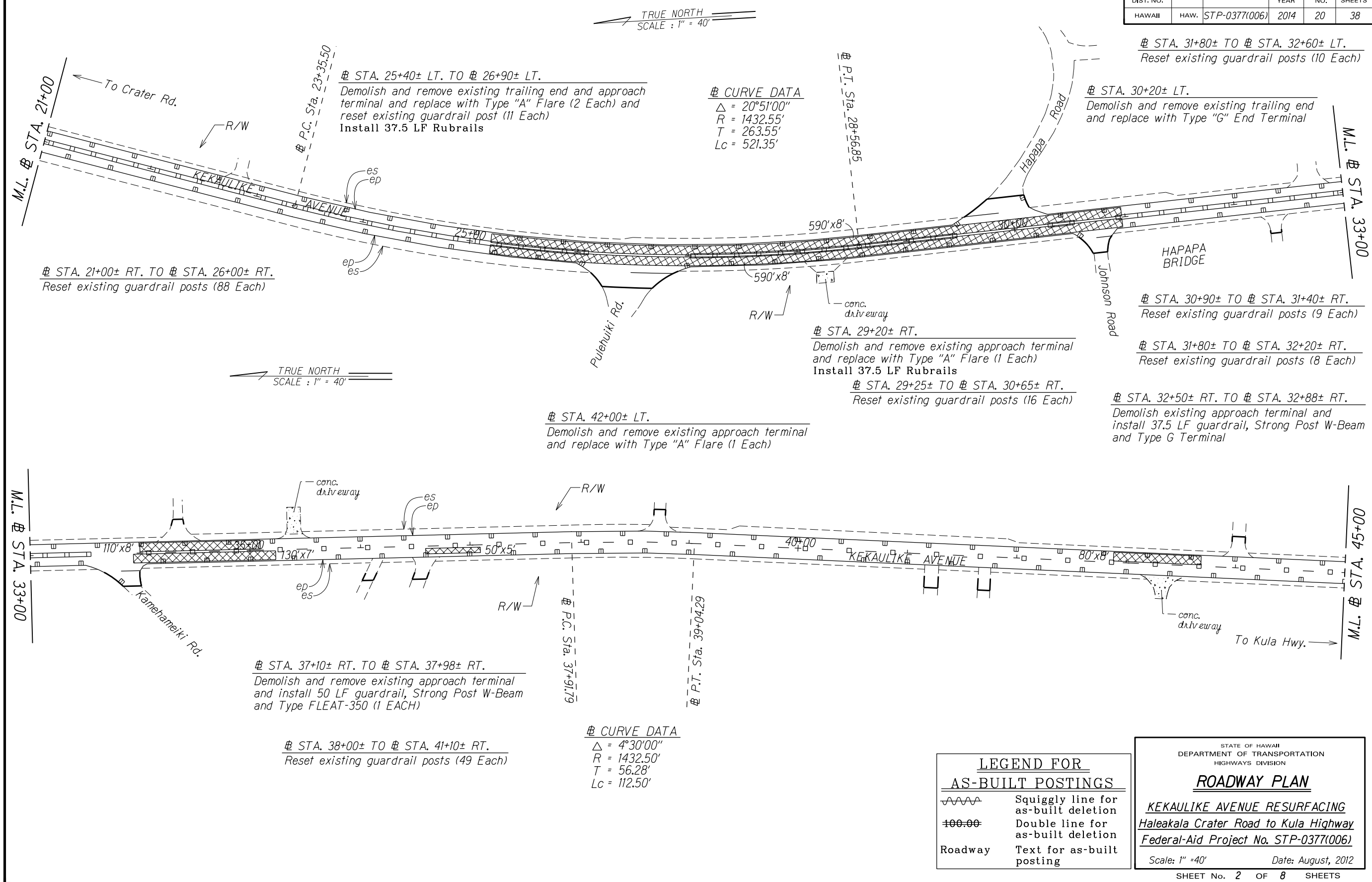


SURVEY PLOTTED BY	DATE	8/12
DRAWN BY		
DESIGNED BY		
QUANTITIES BY		
CHECKED BY		

ORIGINAL PLAN	NOTE BOOK
me/lay	me/lay
me/lay	me/lay

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0377(006)	2014	20	38



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

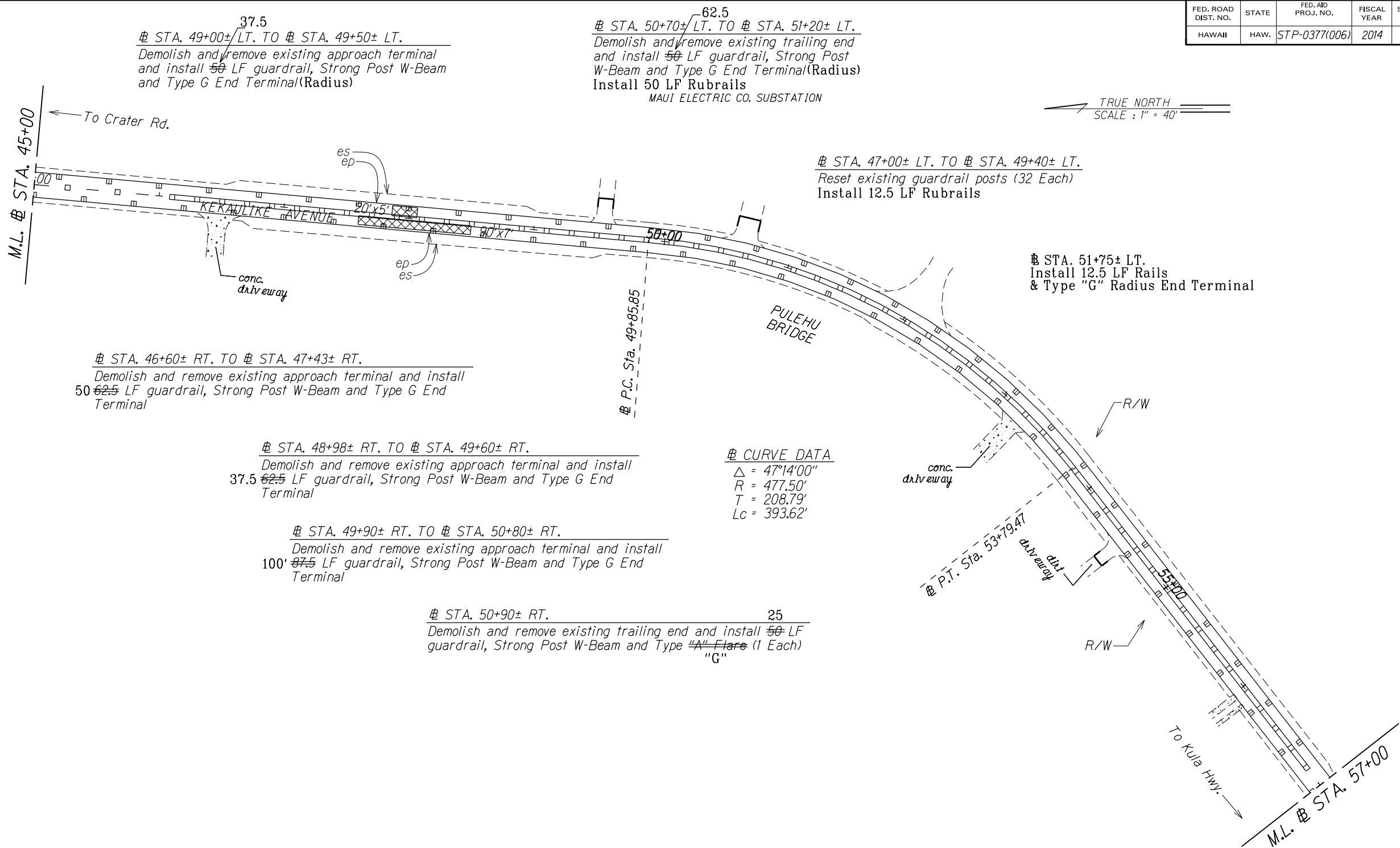
KEKAULIKE AVENUE RESURFACING
Haleakala Crater Road to Kula Highway
Federal-Aid Project No. STP-0377(006)

Scale: 1" = 40' Date: August, 2012

SHEET No. 2 OF 8 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0377(006)	2014	21	38



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	
N.	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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

KEKAULIKE AVENUE RESURFACING
Haleakala Crater Road to Kula Highway
Federal-Aid Project No. STP-0377(006)

Scale: 1" = 40' Date: August, 2012

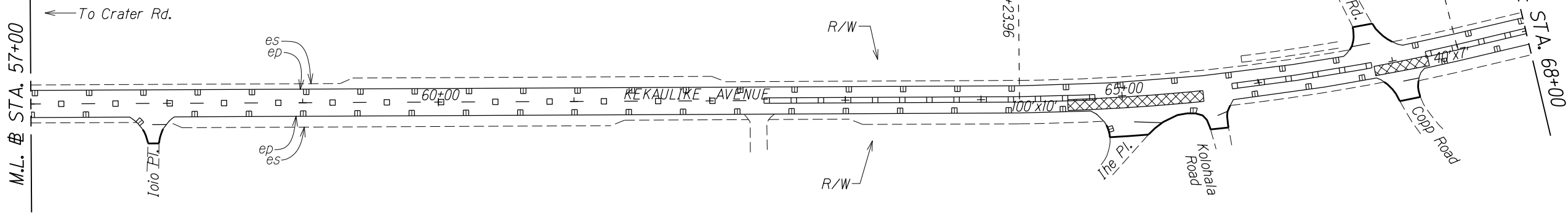
SHEET No. 3 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0377(006)	2014	22	38

STA. 59+40± LT. TO # STA. 60+15± LT.
Demolish and remove existing trailing end and install 37.5 LF guardrail, Strong Post W-Beam and Type FLEAT-350 (1 Each)
50

STA. 62+00± LT. TO # STA. 62+75± LT.
Demolish existing approach terminal and install 62.5 LF guardrail, Strong Post W-Beam and Type G End Terminal

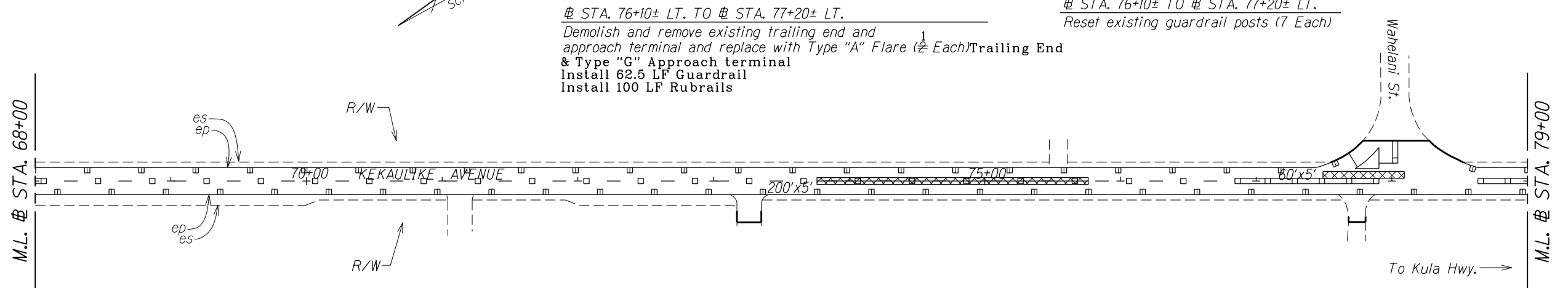
CURVE DATA
 $\Delta = 12^{\circ}57'00''$
 $R = 1,432.50'$
 $T = 162.57'$
 $L_c = 323.75'$



STA. 58+00± RT. TO # STA. 58+50± RT.
Demolish and remove existing approach terminal and install 50 LF guardrail, Strong Post W-Beam and Type G Radius End Terminal
37.5

STA. 61+26± RT.
Demolish and remove existing trailing end and replace with Type FLEAT-350 (1 Each) "G"
Install 62.5 LF Guardrail

STA. 63+05± RT.
Demolish and remove existing approach terminal and replace with Type FLEAT-350 (1 Each) "G" Radius
Install 37.5 LF Guardrail



STA. 70+00± RT.
Demolish and remove existing trailing end and replace with Type FLEAT-350 (1 Each) "G" Radius
Install 37.5 LF Guardrail

STA. 73+40± RT. TO # STA. 74+05± RT.
Demolish and remove existing approach terminal and install 62.5 LF guardrail, Strong Post W-Beam and Type G End Terminal
50

STA. 77+20± RT.
Demolish and remove existing trailing end and replace with Type "A" Flare (1 Each)
Install 37.5 LF Guardrail & 25 LF Rubrail

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

KEKAULIKE AVENUE RESURFACING
Haleakala Crater Road to Kula Highway
Federal-Aid Project No. STP-0377(006)

Scale: 1" = 40' Date: August, 2012

SHEET No. 4 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0377(006)	2014	23	38

~~# STA. 80+00± LT. TO # STA. 80+40± LT.~~
~~Demolish and remove existing trailing end and~~
~~install 37.5 LF guardrail, Strong Post W-Beam~~
~~and Type G Terminal~~

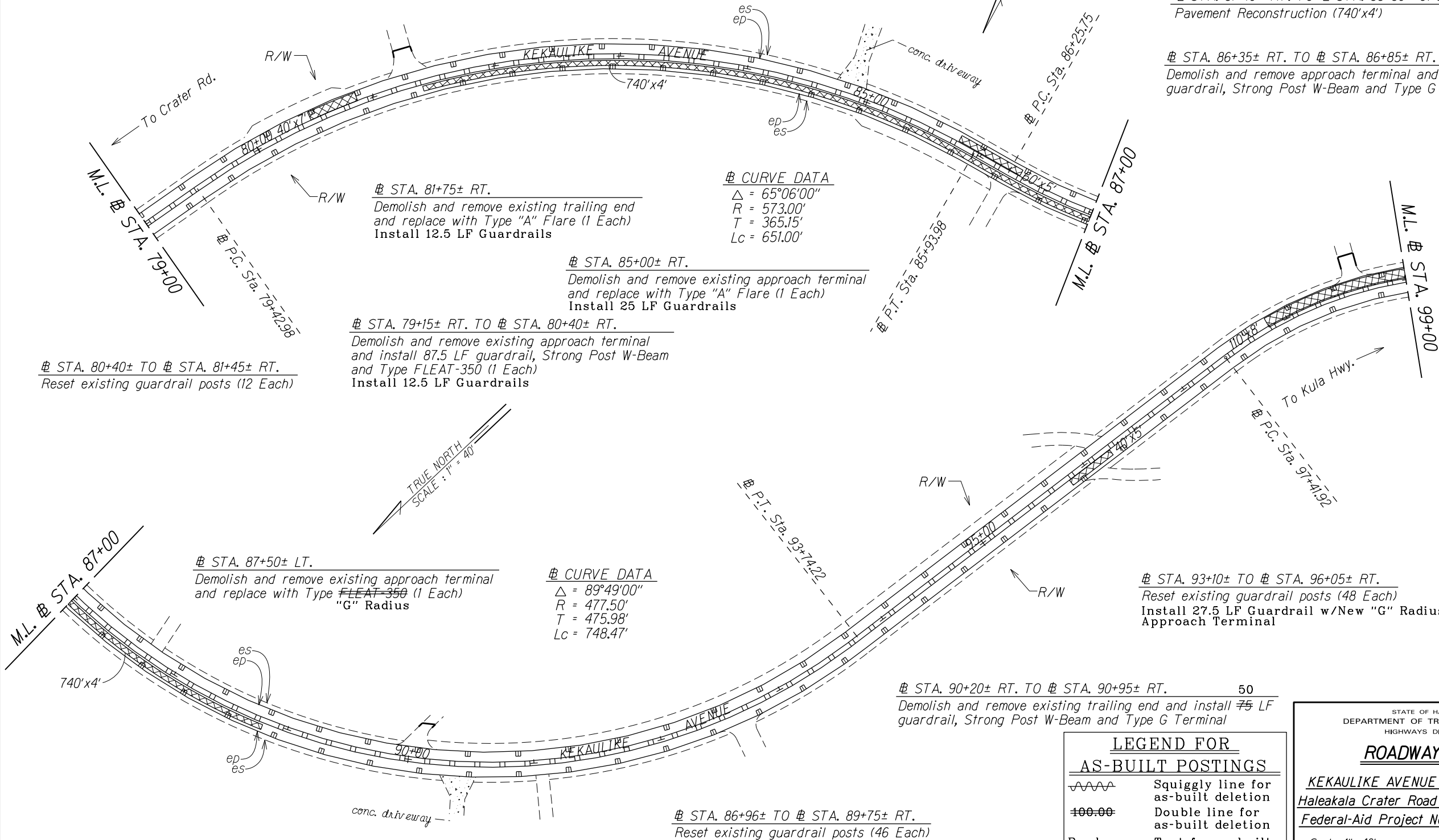
STA. 80+75± TO # STA. 81+23± LT.
Reset existing guardrail posts (16 Each)

STA. 85+50± LT.
Demolish and remove existing trailing end
and replace with Type FLEAT-350 (1 Each)
Install 25 LF Guardrails

STA. 86+00± TO # STA. 87+00± LT.
Reset existing guardrail posts (17 Each)

STA. 81+40± RT. TO # STA. 88+80± O/S 15± RT.
Pavement Reconstruction (740'x4')

STA. 86+35± RT. TO # STA. 86+85± RT. 37.5
Demolish and remove approach terminal and install 50 LF
guardrail, Strong Post W-Beam and Type G End Terminal



SURVEY PLOTTED BY	DATE
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QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
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LEGEND FOR AS-BUILT POSTINGS	
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	Double line for as-built deletion
Roadway	Text for as-built posting

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

KEKAULIKE AVENUE RESURFACING
Haleakala Crater Road to Kula Highway
Federal-Aid Project No. STP-0377(006)

Scale: 1" = 40' Date: August, 2012

SHEET No. 5 OF 8 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0377(006)	2014	24	38

STA. 99+80± LT.

Demolish and remove existing approach terminal and replace with Type "A" Flare (1 Each)
Install 87.5 LF Rubrails

STA. 100+30± TO # STA. 101+10± LT.

Reset existing guardrail posts (14 Each)
Demolish & Remove Trailing End

STA. 100+30± LT. TO # STA. 101+10± LT.

Demolish and remove existing ~~trailing end and~~ 1 approach terminal and replace with Type "A" Flare (2 Each)

STA. 109+80± LT.

Demolish and remove existing trailing end and replace with Type FLEAT-350 (1 Each)
Install 25 LF Rubrails

CURVE DATA

$\Delta = 54^{\circ}29'00''$
 $R = 477.50'$
 $T = 245.84'$
 $Lc = 454.03'$

STA. 100+80± RT. TO # STA. 102+00± RT.

Demolish and remove existing trailing end and approach terminal and replace with Type "A" Flare (2 Each)
Install 37.5 LF Guardrails & 100 LF Rubrails

STA. 98+70± RT.

Demolish and remove existing approach terminal and replace with Type "A" Flare (1 Each)
Install 25' LF Rubrails

STA. 99+40± RT. TO # STA. 99+80± RT.

Demolish and remove existing trailing end and install 37.5 LF guardrail, Strong Post W-Beam and Type G End Terminal
Install 87.5 LF Rubrails

CURVE DATA

$\Delta = 94^{\circ}50'00''$
 $R = 318.30'$
 $T = 346.39'$
 $Lc = 526.83'$

STA. 103+70± RT. TO # STA. 104+20± RT.

Demolish existing approach terminal and install 37.5 LF guardrail, Strong Post W-Beam and Type G End Terminal

STA. 106+00± RT. TO # STA. 106+88± RT.

Demolish and remove existing trailing end and install 37.5 LF guardrail, Strong Post W-Beam and Type FLEAT-350 (1 Each)
125 "G"

STA. 103+85± TO # STA. 105+80± RT.

Reset existing guardrail posts (32 Each)

CURVE DATA

$\Delta = 27^{\circ}25'00''$
 $R = 573.00'$
 $T = 139.77'$
 $Lc = 274.17'$

STA. 112+00± TO # STA. 113+50± LT.

Pavement Reconstruction (150'x9')

STA. 112+50± LT.

Demolish and remove existing approach terminal and replace with Type "A" Flare (1 Each)
Type "G"

Install 37.5 LF Guardrails & 25 LF Rubrails

CURVE DATA

$\Delta = 22^{\circ}07'00''$
 $R = 573.00'$
 $T = 111.98'$
 $Lc = 221.17'$

STA. 109+80± TO # STA. 112+50± LT.

Reset existing guardrail posts (39 Each)

STA. 108+60± TO # STA. 112+68± RT.

Reset existing guardrail posts (66 Each)

STA. 115+64± TO # STA. 116+00± O/S 8'± LT.

Pavement Reconstruction (36'x6')

STA. 116+00± TO # STA. 116+65± O/S 5'± LT.

Pavement Reconstruction (65'x7' Median)

STA. 119+65± RT.

Demolish and remove existing approach terminal and replace with Type "A" Flare (1 Each)
Install 62.5 LF Guardrails

LEGEND FOR AS-BUILT POSTINGS

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+---+ Double line for as-built deletion  
Roadway Text for as-built posting

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**ROADWAY PLAN**

KEKAULIKE AVENUE RESURFACING  
Haleakala Crater Road to Kula Highway  
Federal-Aid Project No. STP-0377(006)

Scale: 1" = 40'      Date: August, 2012

SHEET No. 6 OF 8 SHEETS

"AS-BUILT"

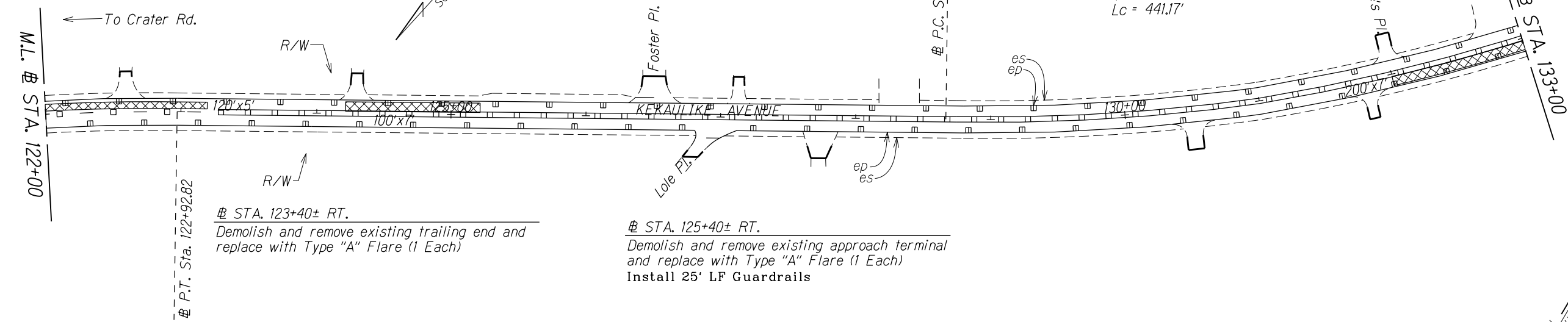
24

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | STP-0377(006)      | 2014        | 25        | 38           |

# STA. 121+30± TO # STA. 122+70± LT.  
Reset existing guardrail posts (23 Each)

# STA. 125+25± LT.  
Demolish and remove existing trailing end and replace with Type "A" Flare (1 Each)  
Install 12.5 LF Guardrails

# CURVE DATA  
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 $R = 1,432.50'$   
 $T = 222.60'$   
 $Lc = 441.17'$



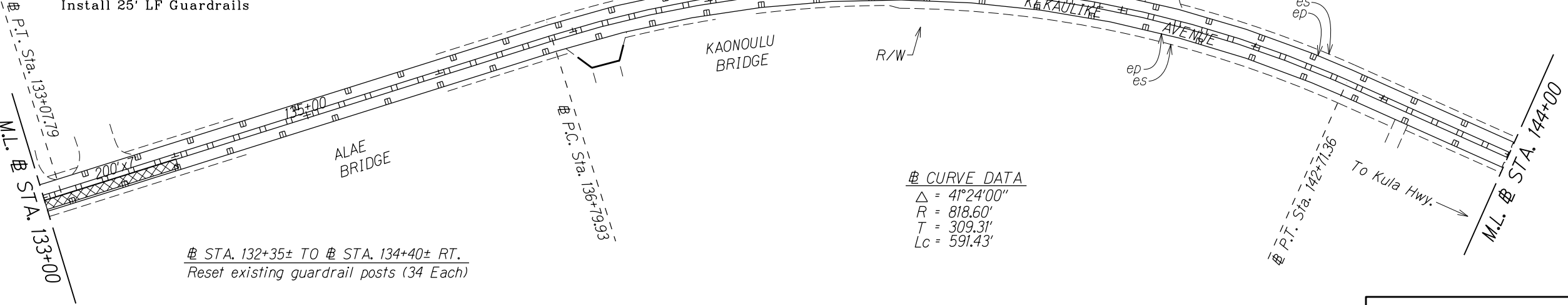
# STA. 123+40± RT.  
Demolish and remove existing trailing end and replace with Type "A" Flare (1 Each)

# STA. 125+40± RT.  
Demolish and remove existing approach terminal and replace with Type "A" Flare (1 Each)  
Install 25' LF Guardrails

# STA. 136+40± LT. TO # STA. 136+90± LT.  
Demolish and remove approach terminal and install 50 LF guardrail, Strong Post W-Beam and Type "G" Terminal

# STA. 137+80± LT. TO # STA. 138+50± LT.  
Demolish and remove existing trailing end and approach terminal and replace with Type "A" Flare (1 Each) and Type "G" Radius (1 Each)

# STA. 133+80± LT.  
Demolish and remove existing trailing end and replace with Type "A" Flare (1 Each) and Type "G" Radius (1 Each)  
Install 25' LF Guardrails



# STA. 132+35± TO # STA. 134+40± RT.  
Reset existing guardrail posts (34 Each)

# CURVE DATA  
 $\Delta = 41^{\circ}24'00''$   
 $R = 818.60'$   
 $T = 309.31'$   
 $Lc = 591.43'$

# STA. 137+60± RT. TO # STA. 139+45± RT.  
Demolish and remove existing trailing end and approach terminal and replace with Type "A" Flare (1 Each) Trailing End and "G" Radius (1 each) Approach End

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

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**ROADWAY PLAN**

KEKAULIKE AVENUE RESURFACING  
Haleakala Crater Road to Kula Highway  
Federal-Aid Project No. STP-0377(006)

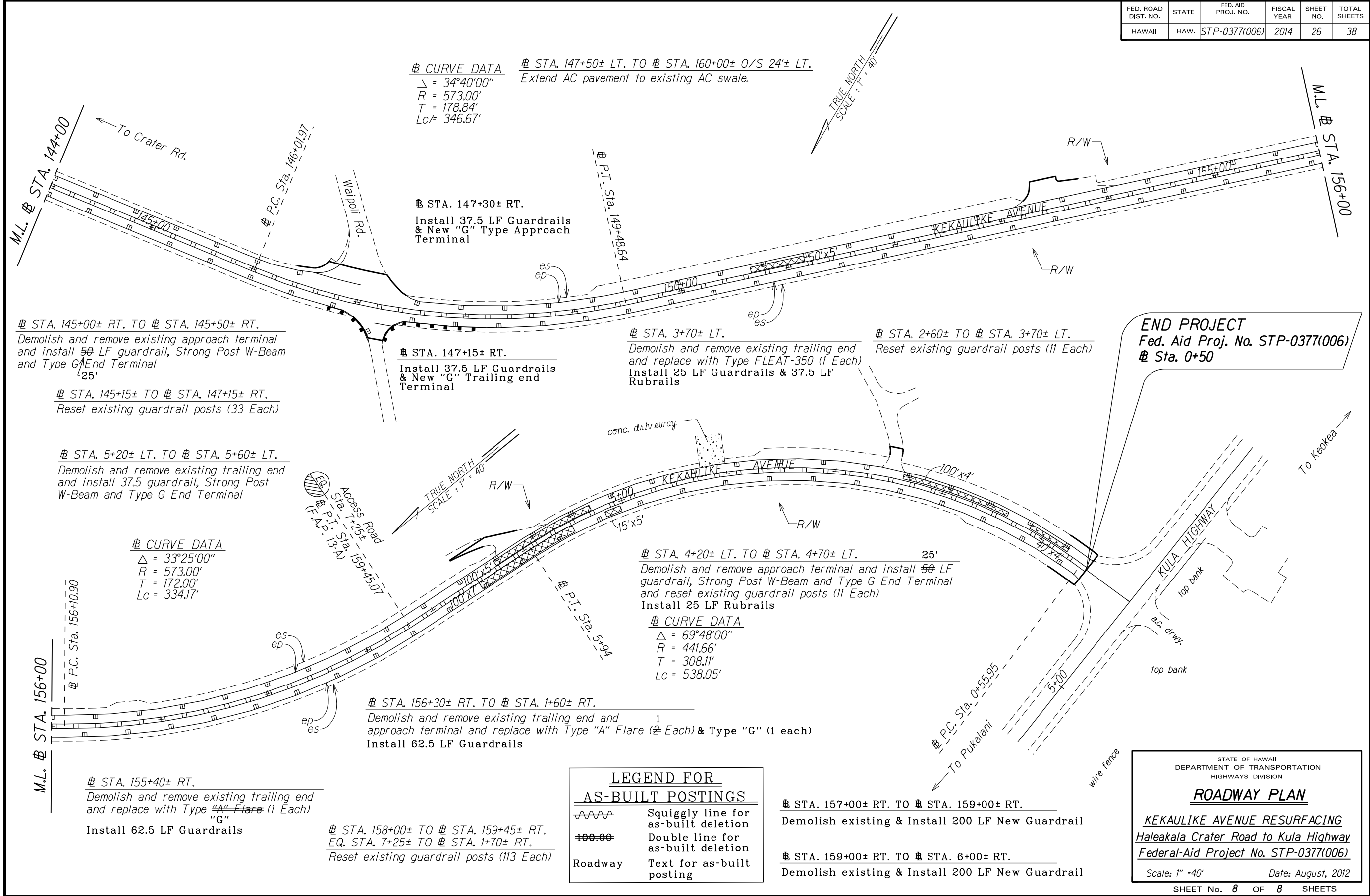
Scale: 1" = 40'      Date: August, 2012

SHEET No. 7 OF 8 SHEETS

"AS-BUILT"



| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | STP-0377(006)      | 2014        | 26        | 38           |



|                   |      |
|-------------------|------|
| SURVEY PLOTTED BY | DATE |
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| DESIGNED BY       |      |
| QUANTITIES BY     |      |
| CHECKED BY        |      |
| ORIGINAL PLAN     |      |
| NOTE BOOK         |      |
| N.                |      |

"AS-BUILT"