

BEGIN PROJECT
Project No. 360A-02-05M
Sta. 351+00 - 334+30

PUNALUU GULCH
CRM Guard Posts
48" rcp
Sta. 321+10

320+
325
330
335
340
345
350

12" rcp
Sta. 335+82

KOLEA GULCH

10" perforated cmp
Sta. 346+49

5'x10' box culvert
Sta. 341+66

WAHINEPEE GULCH

8'x8' box culvert
Sta. 390+27

24" rcp
Sta. 352+58

STA. 351+00 RT. - STA. 334+30
Widen paved shoulder as directed by the Engineer.

TRUE NORTH
SCALE: 1" = 100'

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STA. 362+00 LT. - STA. 365+00+ LT.
Remove existing guardrail and terminals.
Install 300 LF Type 3 Strong Post W-Beam Guardrail.
Tie into existing guardrail Trailing End - Type G

M.L. STA. 360+00

365
370
375
380
385

STA. 382+00 LT.-STA. 385+75 LT.
Remove existing guardrail terminal. Install 375 LF Type 3 Strong Post guardrail.
Terminal End-Type A

18" rcp
Sta. 377+75

STA. 377+80
Clean debris and silt upstream and downstream to right-of-way and within 18" drain line

WAIKAMOI BRIDGE

STA. 385+80 LT. - STA. 386+70 LT.
Pave shoulder area as directed by the Engineer

STA. 390+27
Clean debris and silt upstream and downstream to right-of-way and within box culvert

STA. 398+68
Clean existing culvert. Build up existing CRM headwall, 12'x2' high. See plan sheet II for details

STA. 390+30 RT.
Reconstruct existing GRP wall. Estimated Qty -7 CY

STA. 403+30 RT. - STA. 406+30 RT.
Construct 300 LF Type 7 Asphalt gutter as directed by the Engineer. Grade towards existing culvert

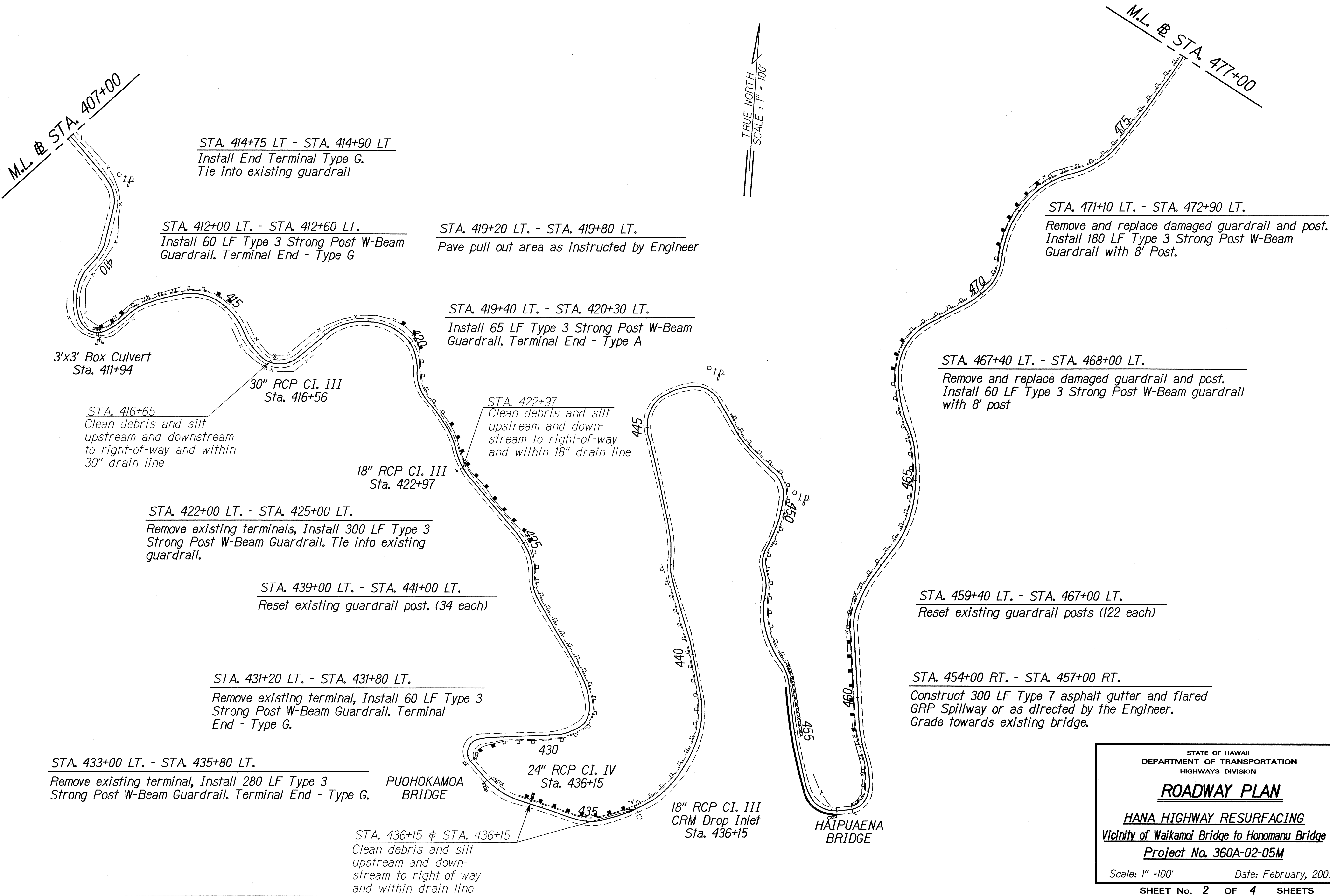
LEGEND
Roadway

"AS-BUILT"

	Squiggly line for as-built deletion
100-00	Double line for as-built deletion
Roadway	Text for as-built posting

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360A-02-05M	2005	8	27



ORIGINAL PLAN	DATE
DESIGNED BY	Feb. 2005
NOTED BY	
CHECKED BY	
QUANTITIES BY	
DESIGNED BY	
NOTED BY	
CHECKED BY	
QUANTITIES BY	
DESIGNED BY	
NOTED BY	
CHECKED BY	
QUANTITIES BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN
HANA HIGHWAY RESURFACING
Vicinity of Waikamoi Bridge to Honomanu Bridge
Project No. 360A-02-05M
Scale: 1" = 100' Date: February, 2005

SHEET No. 2 OF 4 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360A-02-05M	2005	9	27

STA. 492+00 RT - STA 493+20 RT

Construct 120 LF Type 7 asphalt gutter.
Grade towards reconstructed GDI,
as directed by the Engineer.

42" CMP
Sta. 494+00

STA. 486+40

Clean debris and silt upstream
and downstream to right-of-way
and within 42" drain line

STA. 493+40± RT.

Reconstruct top of existing GDI.
Install new modified Type I frame and grate.
See plan sheets 11 & 12 for detail.

STA. 486+40

Clean debris and silt upstream
and downstream to right-of-way
and within 24" drain line

24" RCP
Sta. 486+40

STA. 479+05

Clean debris and silt upstream and
downstream to right-of-way and
within 24" drain line

24" RCP
Sta. 479+05

STA. 477+40 LT - 477+90 LT.

Remove existing guardrail terminal.
Install new terminal, Type A.

M.L. @ STA. 477+00

50
STA. 499+00 LT - 503+00 LT.

Install 360 LF Type 3 Strong Post W-Beam Guardrail
Tie into existing guardrail. ~~Terminal End - Type G~~

48" RCP
Sta. 503+11

STA. 503+11

Clean debris and silt upstream
and downstream to right-of-way
and within 48" drain line

STA. 509+00 LT - STA. 510+00 LT

Install 100 LF Strong Post W Beam guardrail
with 8' post, tie into existing guardrail
Trim existing berm to accommodate guardrail
installation (incidental to guardrail item)

24" RCP
Sta. 515+80

STA 515+80

Clean debris and silt upstream
and downstream to right-of-way
and within 24" drain line

STA. 522+70

Clean debris and silt upstream
and downstream to right-of-way
and within 24" drain line

24" RCP
Sta. 522+70

STA. 529+72

Clean debris and silt upstream
and downstream to right-of-way
and within 24" drain line

24" CMP
Sta. 529+72

STA. 530+00

Repair Eroded
Roadway Section

M.L. @ STA. 533+00

TRUE NORTH
SCALE: 1" = 100'

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	Feb. 2005
DESIGNED BY	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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

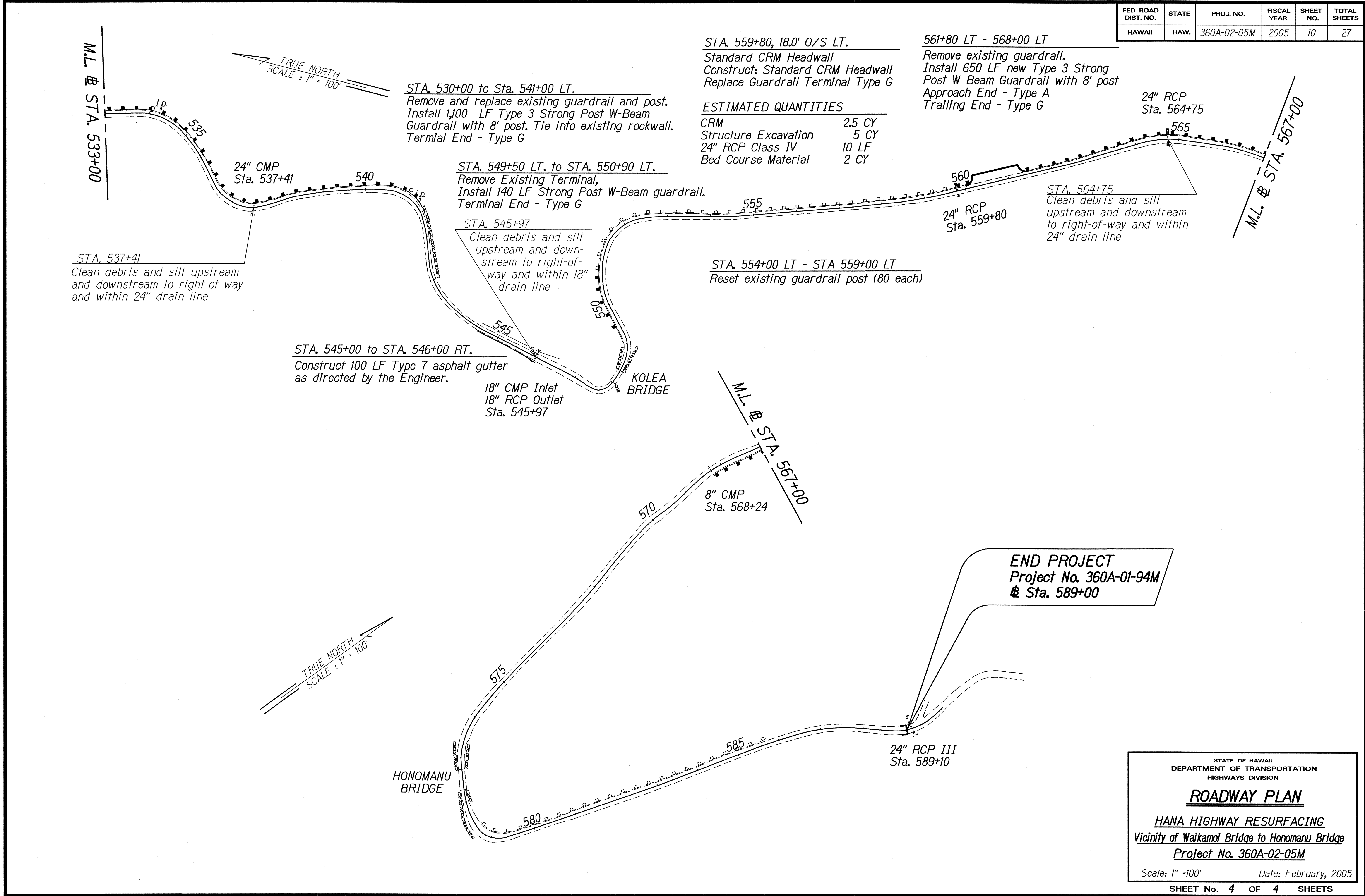
HANA HIGHWAY RESURFACING
Vicinity of Waikamoi Bridge to Honomanu Bridge
Project No. 360A-01-94M

Scale: 1" = 100' Date: February, 2005

SHEET No. 3 OF 4 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360A-02-05M	2005	10	27



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	Feb. 2005
DESIGNED BY	DESIGNED BY	
QUANTITIES BY	QUANTITIES BY	
CHECKED BY	CHECKED BY	