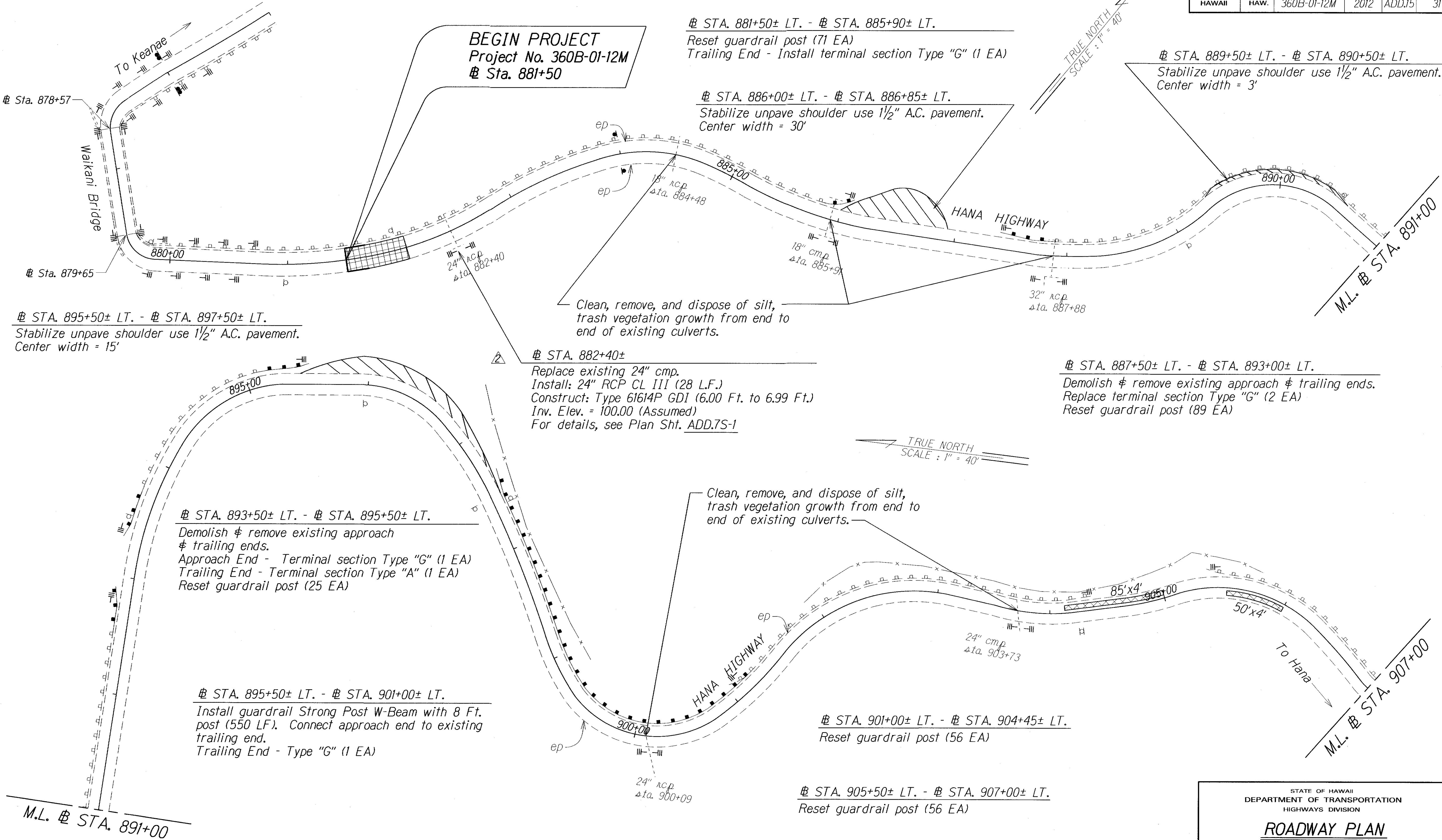


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360B-01-12M	2012	ADD.15	31



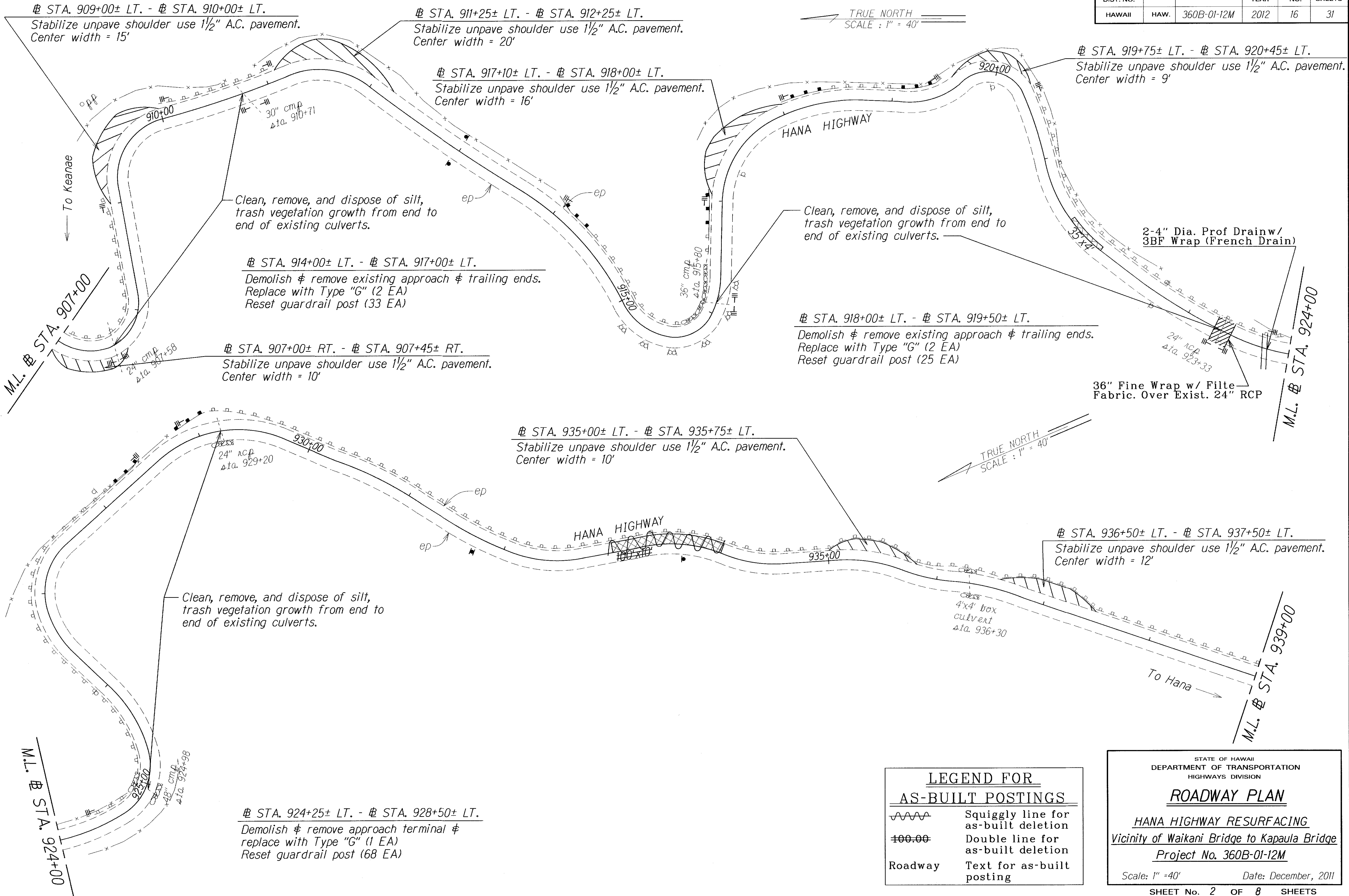
SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
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ORIGINAL PLAN	
NOTE BOOK	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

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

3-28-12	Add location of culvert location and eliminate cleaning the culvert.
DATE	REVISION

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
ROADWAY PLAN	
HANA HIGHWAY RESURFACING	
Vicinity of Waikani Bridge to Kapaula Bridge	
Project No. 360B-01-12M	
Scale: 1" = 40'	Date: December, 2011
SHEET No. 1 OF 8 SHEETS	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360B-01-12M	2012	16	31



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

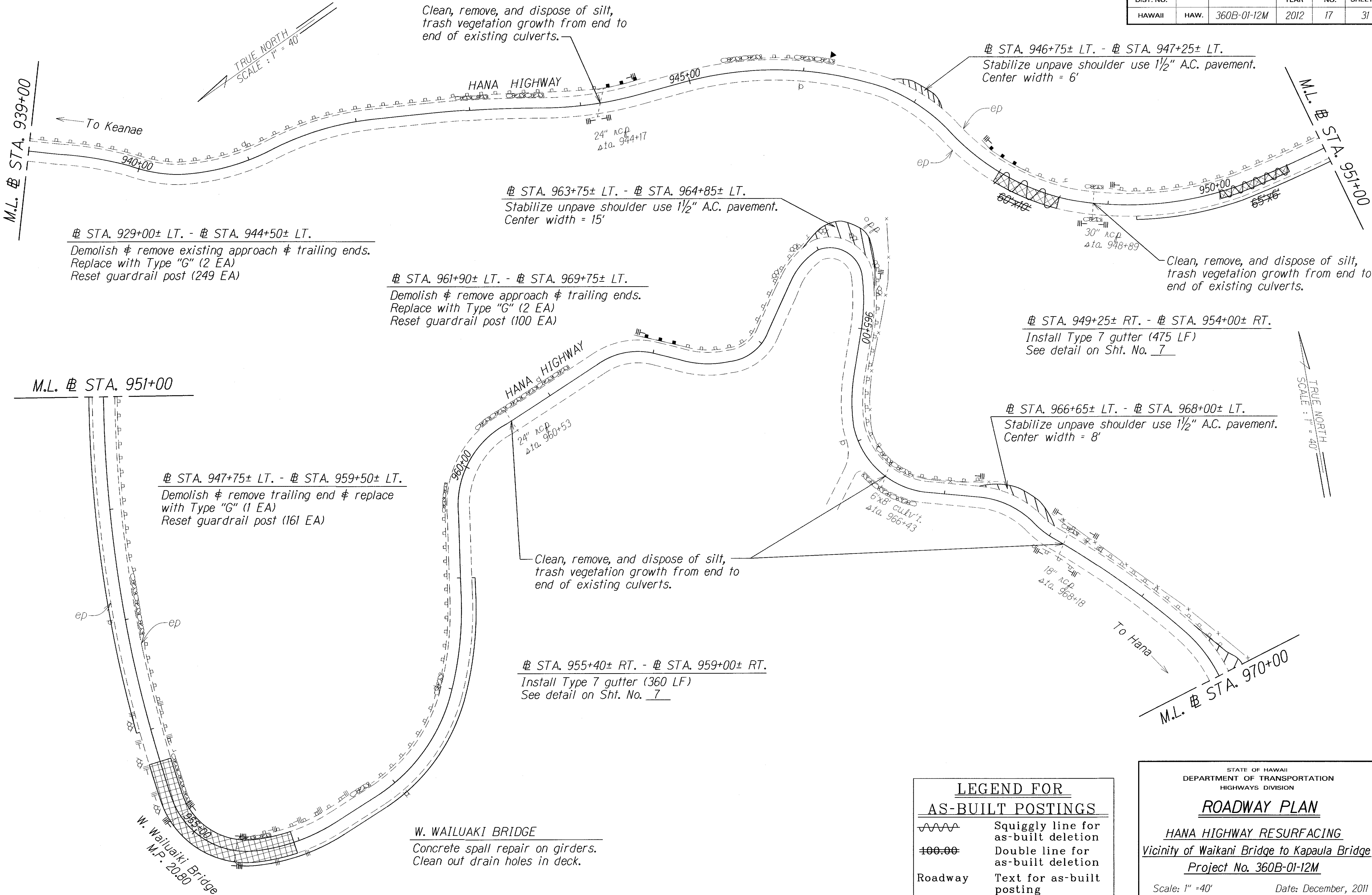
LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

ROADWAY PLAN
 HANA HIGHWAY RESURFACING
 Vicinity of Waikani Bridge to Kapaula Bridge
 Project No. 360B-01-12M
 Scale: 1" = 40' Date: December, 2011

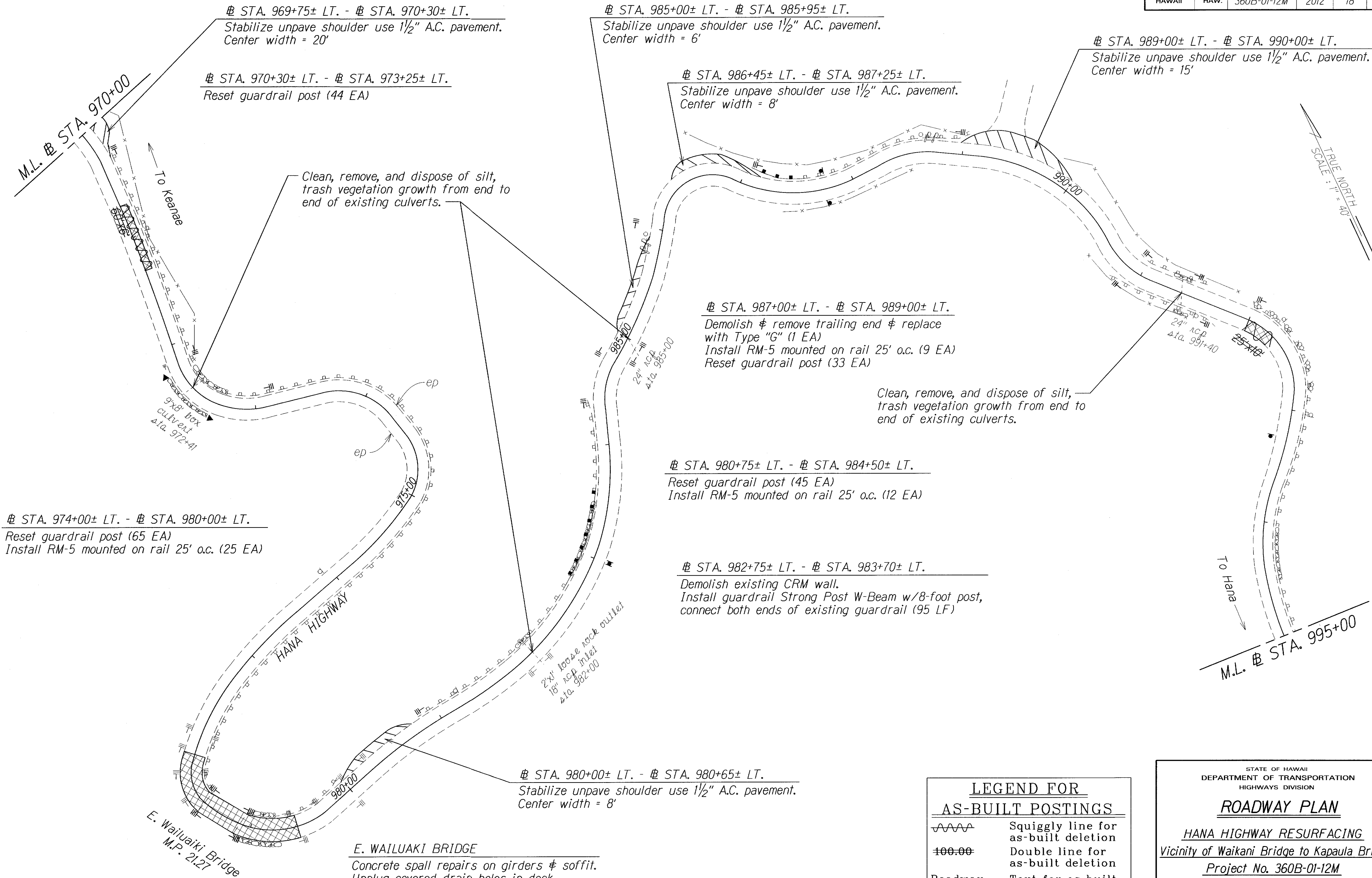
SHEET No. 2 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360B-01-12M	2012	17	31



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

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360B-01-12M	2012	18	31



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

"AS-BUILT"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN
HANA HIGHWAY RESURFACING
Vicinity of Waiauaki Bridge to Kapaula Bridge
Project No. 360B-01-12M
Scale: 1" = 40' Date: December, 2011

SHEET No. 4 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360B-01-12M	2012	19	31

STA. 992+90± LT. - STA. 995+50± LT.
 Reset guardrail post (34 EA)
 Install RM-5 mounted on rail 25' o.c. (9 EA)

TRUE NORTH
 SCALE : 1" = 40'

STA. 1006+85± LT. - STA. 1008+25± LT.
 Demolish & remove existing approach end terminal & replace with Type "G" (1 EA)
 Reset guardrail post (23 EA)
 Install RM-5 mounted on rail 25' o.c. (7 EA)

KOPILIULA BRIDGE
 Patch void column of makai side.
 Repair spall on soffit.

Kopiliula Bridge
 M.P. 21.80

USBM
 elev. 1274

STA. 1002+45± LT. - STA. 1005+00± LT.
 Reset guardrail post (41 EA)
 Install RM-5 mounted on rail 25' o.c. (11 EA)

STA. 1003+95± LT. - STA. 1004+50± LT.
 Stabilize unpave shoulder use 1½" A.C. pavement.
 Center width = 9'

STA. 1010+00± LT. - STA. 1010+80± LT.
 Stabilize unpave shoulder use 1½" A.C. pavement.
 Center width = 7'

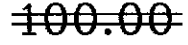
STA. 1008+25± LT. - STA. 1008+70± LT.
 Stabilize unpave shoulder use 1½" A.C. pavement.
 Center width = 15'

STA. 1011+00± LT. - STA. 1017+20± LT.
 Demolish & remove existing trailing end terminal & replace with Type "G" Flare (1 EA)
 Reset guardrail post (100 EA)
 Install RM-5 mounted on rail 25' o.c. (25 EA)

STA. 1015+20± RT. - STA. 1015+85± RT.
 Stabilize unpave shoulder use 1½" A.C. pavement.
 Center width = 10'

STA. 1009+10± LT. - STA. 1010+10± LT.
 Install guardrail Strong Post W-Beam w/8-foot post (50 LF)
 Approach End - Type "G" Flare (1 EA)

STA. 1011+00± RT. - STA. 1015+00± RT.
 Demolish & remove existing approach end & replace with Type "G" (1 EA)
 Reset guardrail post (65 EA)
 Install RM-5 mounted on rail 25' o.c. (17 EA)

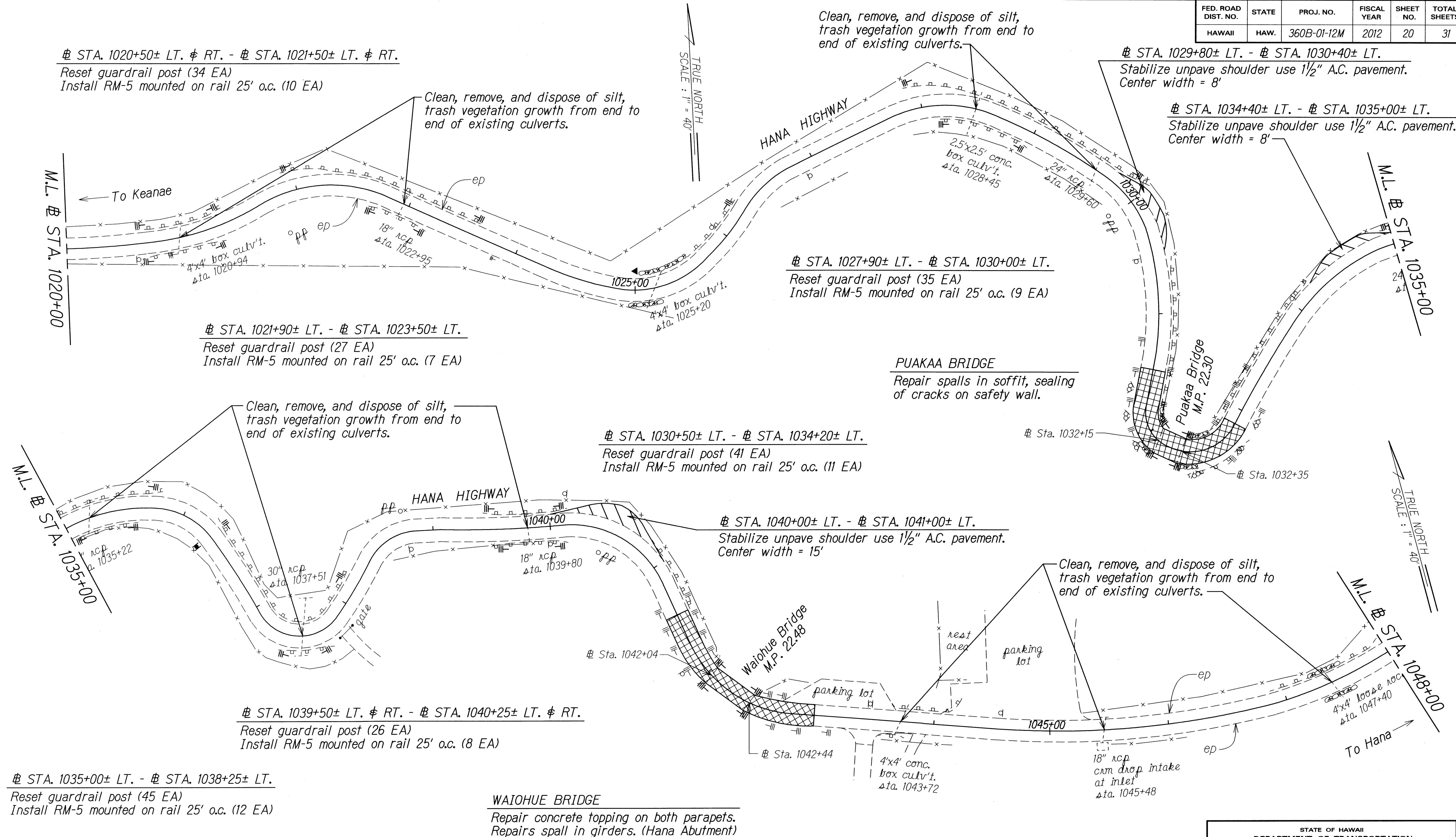
LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

ROADWAY PLAN
 HANA HIGHWAY RESURFACING
 Vicinity of Waikani Bridge to Kapaula Bridge
 Project No. 360B-01-12M
 Scale: 1" = 40' Date: December, 2011
 SHEET No. 5 OF 8 SHEETS

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

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360B-01-12M	2012	20	31



SURVEY PLOTTED BY	DATE
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ORIGINAL PLAN	
NOTE BOOK	
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

HANA HIGHWAY RESURFACING
Vicinity of Waikani Bridge to Kapaula Bridge
Project No. 360B-01-12M

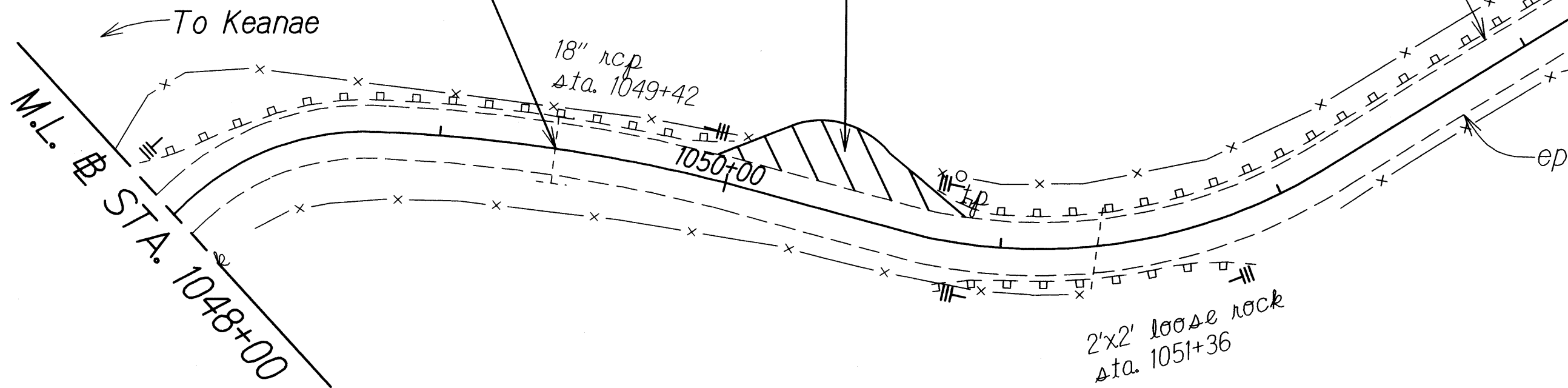
Scale: 1" = 40' Date: December, 2011

SHEET No. 6 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360B-01-12M	2012	21	31

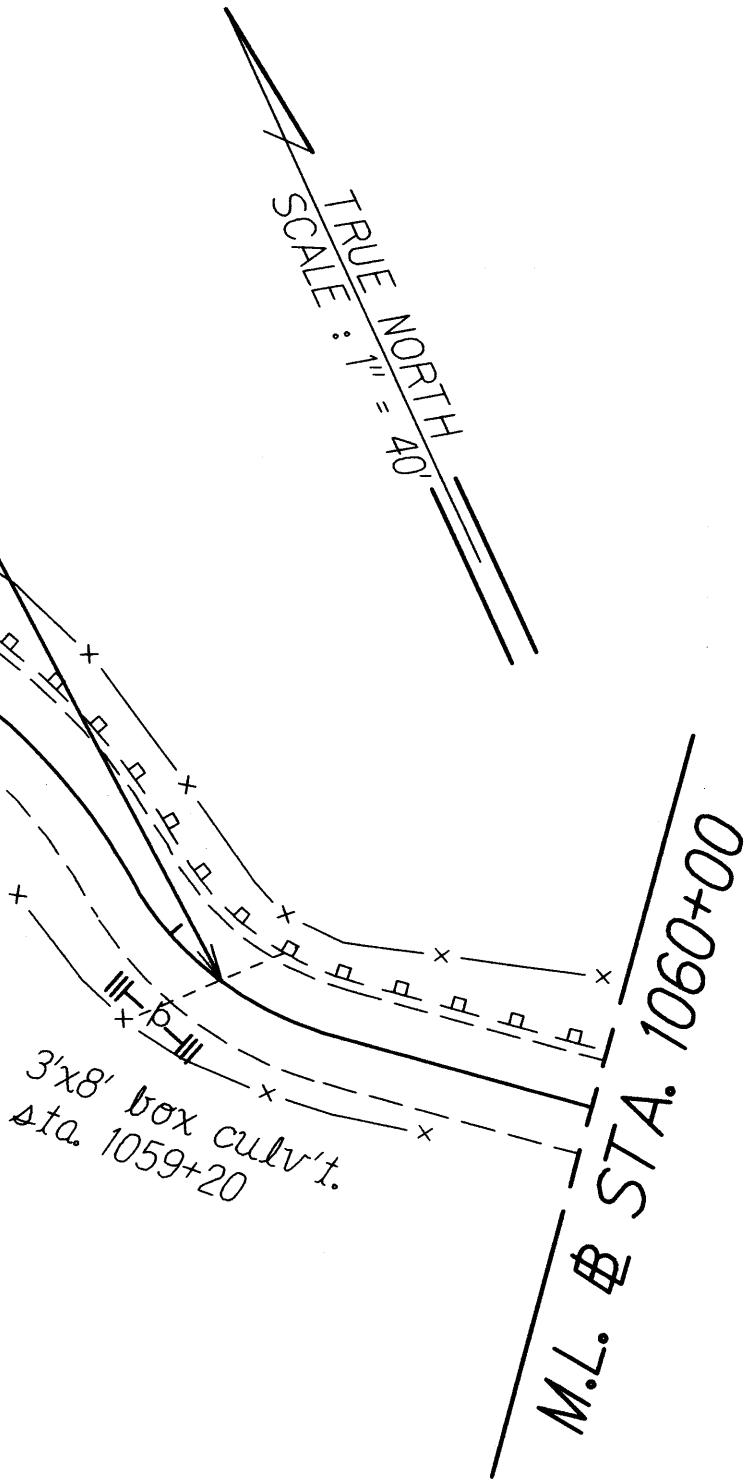
⚡ STA. 1050+00± LT. - ⚡ STA. 1050+85± LT.
Stabilize unpave shoulder use 1½" A.C. pavement.
Center width = 22'

Clean, remove, and dispose of silt,
trash vegetation growth from end to
end of existing culverts.

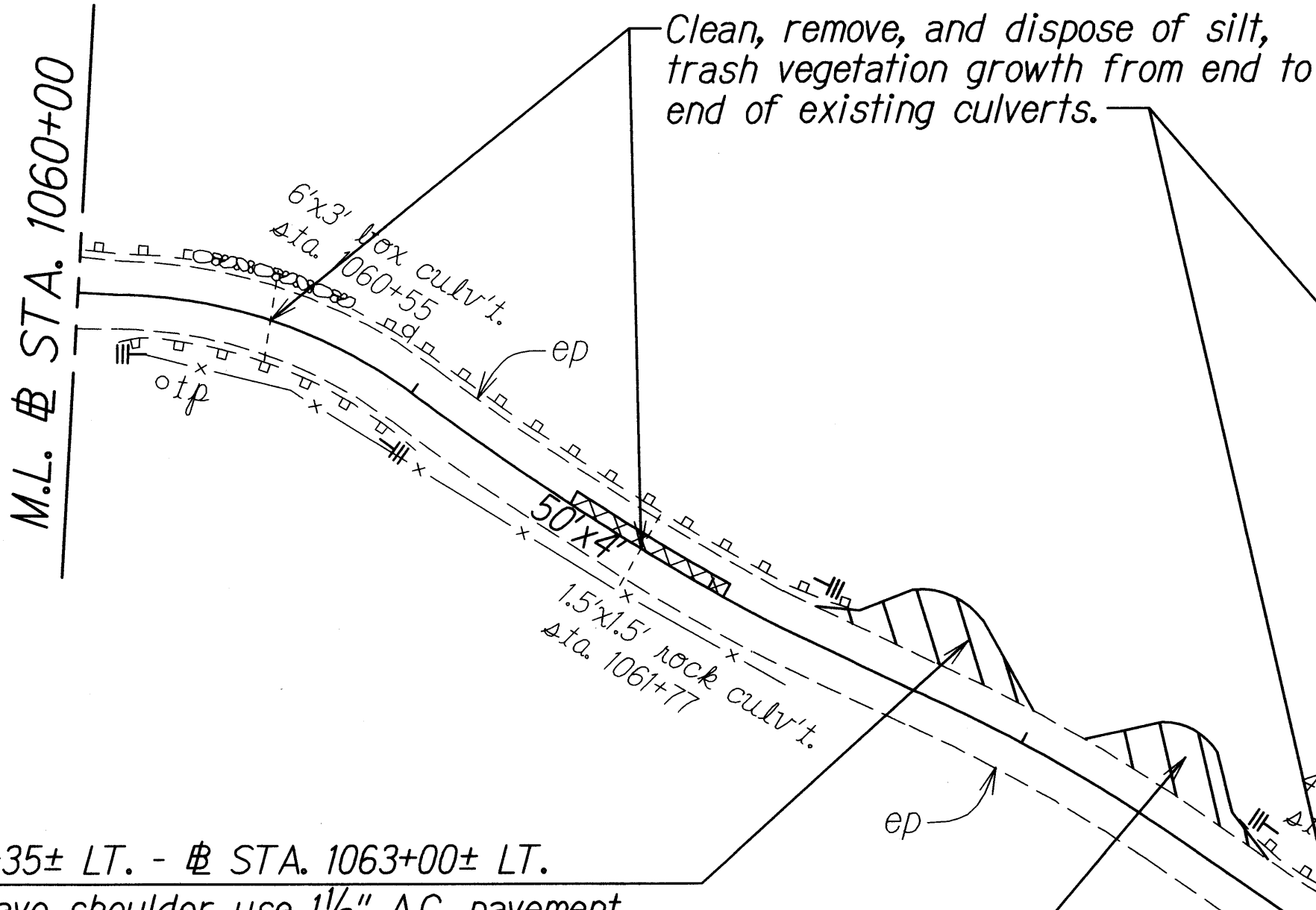


⚡ STA. 1050+85± LT. - ⚡ STA. 1062+40± LT.
Reset guardrail post (186 EA)
Install RM-5 mounted on rail 25' o.c. (47 EA)

Clean, remove, and dispose of silt,
trash vegetation growth from end to
end of existing culverts.



⚡ STA. 1050+80± RT. - ⚡ STA. 1051+80± RT.
Reset guardrail post (17 EA)
Install RM-5 mounted on rail 25' o.c. (5 EA)



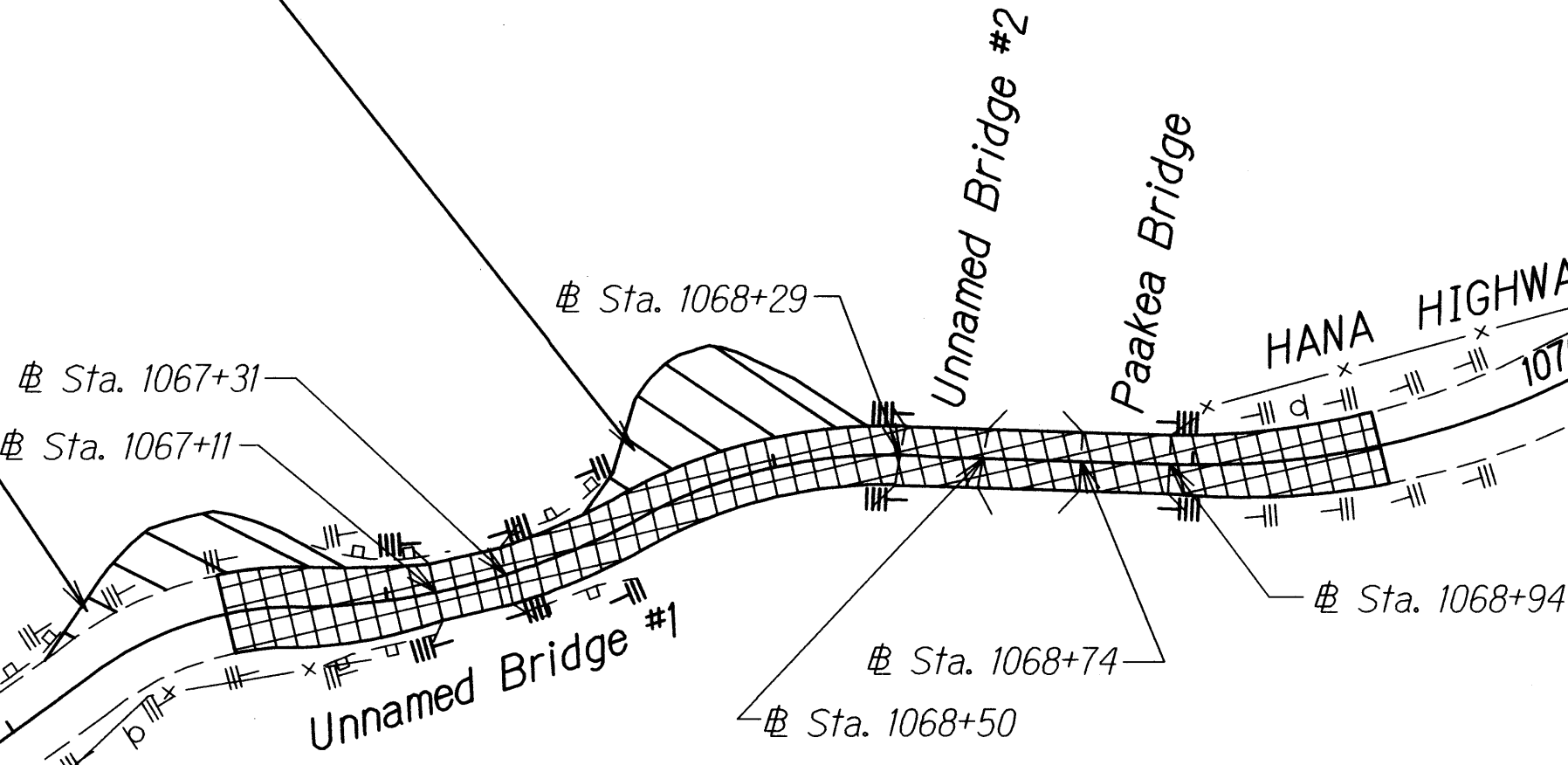
⚡ STA. 1062+35± LT. - ⚡ STA. 1063+00± LT.
Stabilize unpave shoulder use 1½" A.C. pavement.
Center width = 20'

⚡ STA. 1063+20± LT. - ⚡ STA. 1063+70± LT.
Stabilize unpave shoulder use 1½" A.C. pavement.
Center width = 20'

⚡ STA. 1066+25± LT. - ⚡ STA. 1066+95± LT.
Stabilize unpave shoulder use 1½" A.C. pavement.
Center width = 15'

⚡ STA. 1067+40± LT. - ⚡ STA. 1068+15± LT.
Stabilize unpave shoulder use 1½" A.C. pavement.
Center width = 25'

PAAKEA BRIDGE
Repair spalls in bottom edges of girders.



UNNAMED BRIDGES 1 & 2
Repair spall in soffit, concrete spalls in girders.
Patch cracks on soffit areas.

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

ROADWAY PLAN

HANA HIGHWAY RESURFACING

Vicinity of Waikani Bridge to Kapaula Bridge

Project No. 360B-01-12M

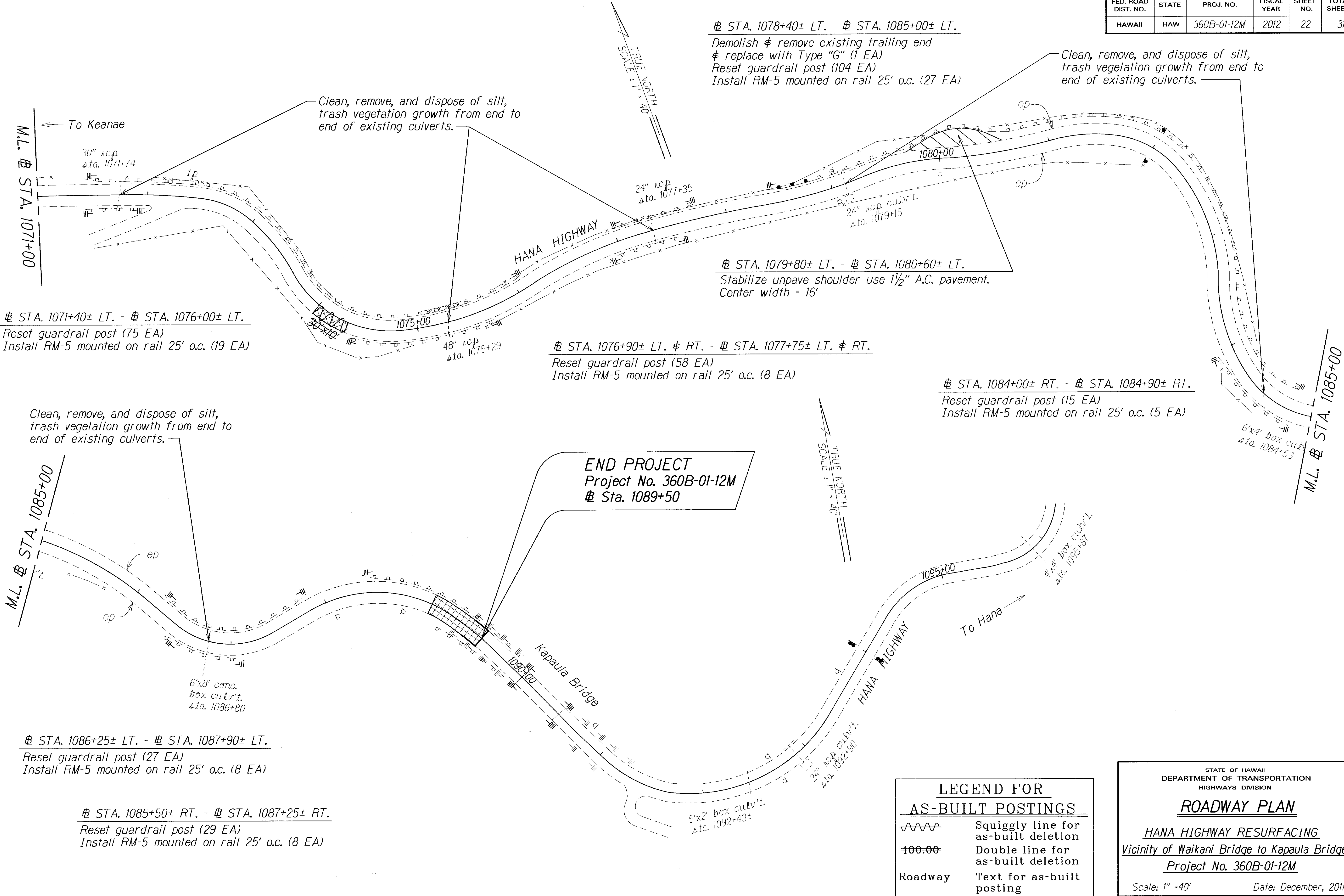
Scale: 1" = 40'

Date: December, 2011

SHEET No. 7 OF 8 SHEETS

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FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360B-01-12M	2012	22	31



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

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN
HANA HIGHWAY RESURFACING
Vicinity of Waikani Bridge to Kapaula Bridge
Project No. 360B-01-12M
Scale: 1" = 40' Date: December, 2011

SHEET No. 8 OF 8 SHEETS