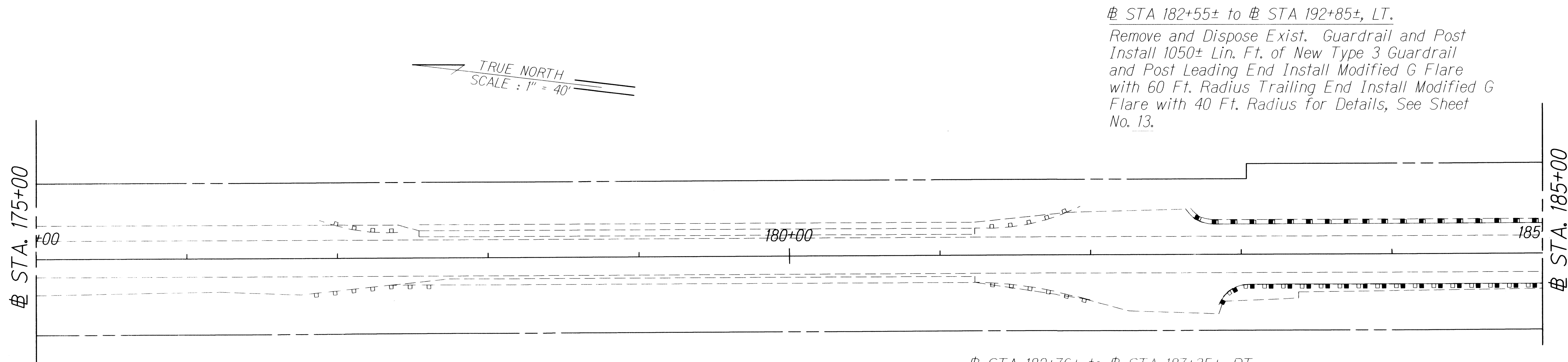
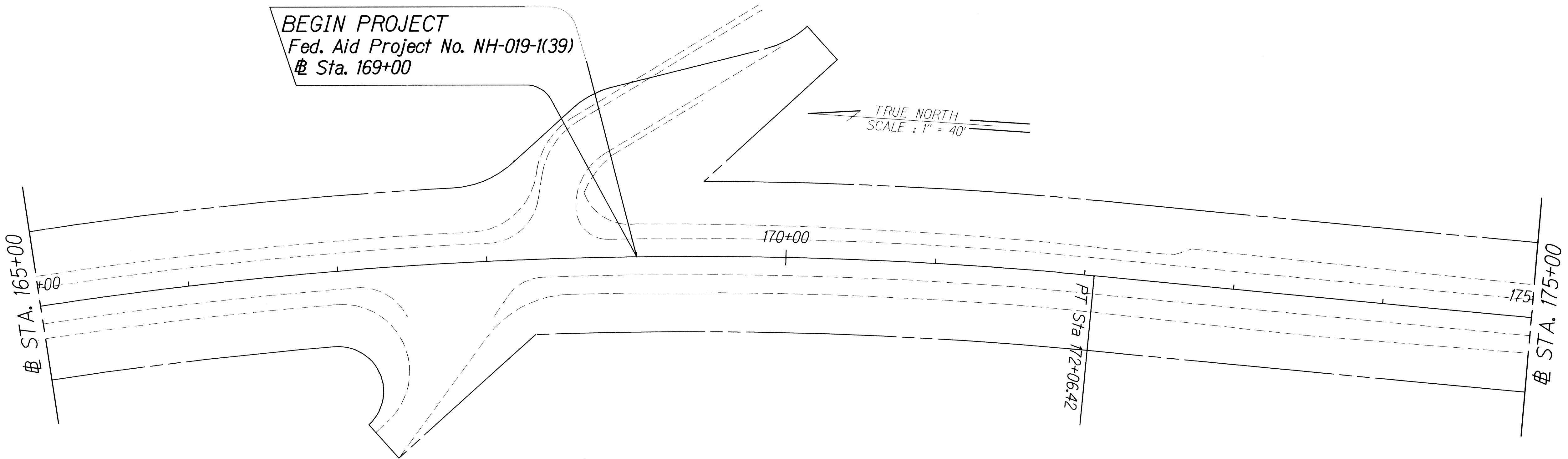


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(39)	2011	18	31



STA 182+76± to # STA 187+35±, RT.
Remove and Dispose Exist. Guardrail and Post
Install 500 Lin. Ft. of New Type 3 Guardrail and
Post Leading End Install Modified G Flare with
40 Ft. Radius Trailing End Install Modified G Flare
with 60 Ft. Radius For Details, See Sheet No. 13.

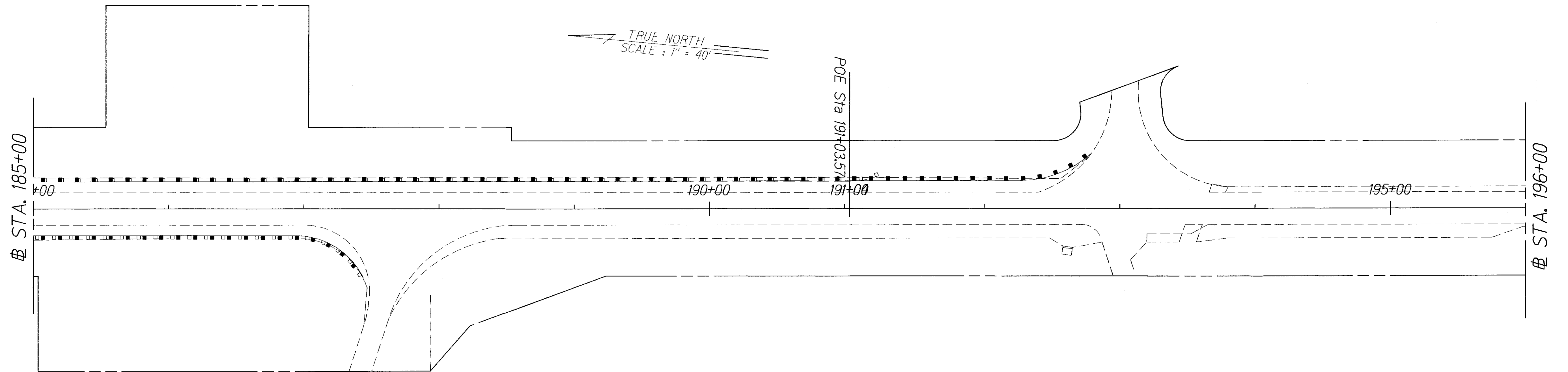
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	
	TRACED BY	
	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

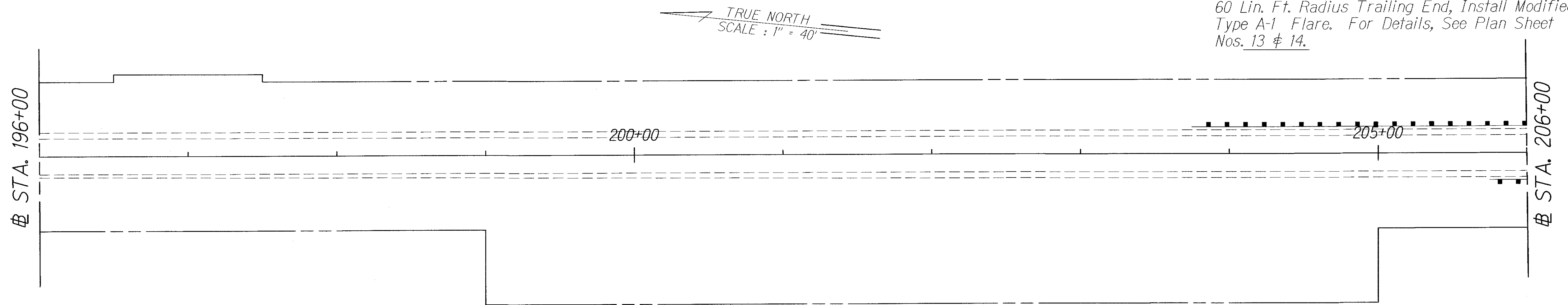
ROADWAY PLANS
HAWAII BELT ROAD GUARDRAIL
SHOULDER IMPROVEMENTS
Papalele Road to Kaumoali Bridge
Federal Aid Project No. NH-019-1(39)
Scale: 1" = 40' Date: Dec., 2011

SHEET No. 1 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(39)	2011	19	31



204+00±
~~# Sta. 203+75± to # Sta. 207+85± LT.~~
Remove and Dispose Existing Guardrail and Post
Install 400± Lin. Ft. of New Type 3 Guardrail and
Post Approach End, Install Type G Modified with
60 Lin. Ft. Radius Trailing End, Install Modified
Type A-1 Flare. For Details, See Plan Sheet
Nos. 13 & 14.



205+60±
~~# Sta. 205+75± to # Sta. 207+87± RT.~~
Remove and Dispose Existing Guardrail and Post
Install 275± Lin. Ft. of New Type 3 Guardrail and
Post Approach End, Install Modified Type A-1 Flare
Trailing End, Install Type G Modified with 50 Ft.
Radius. For Details, See Plan Sheet Nos. 13 & 14.

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

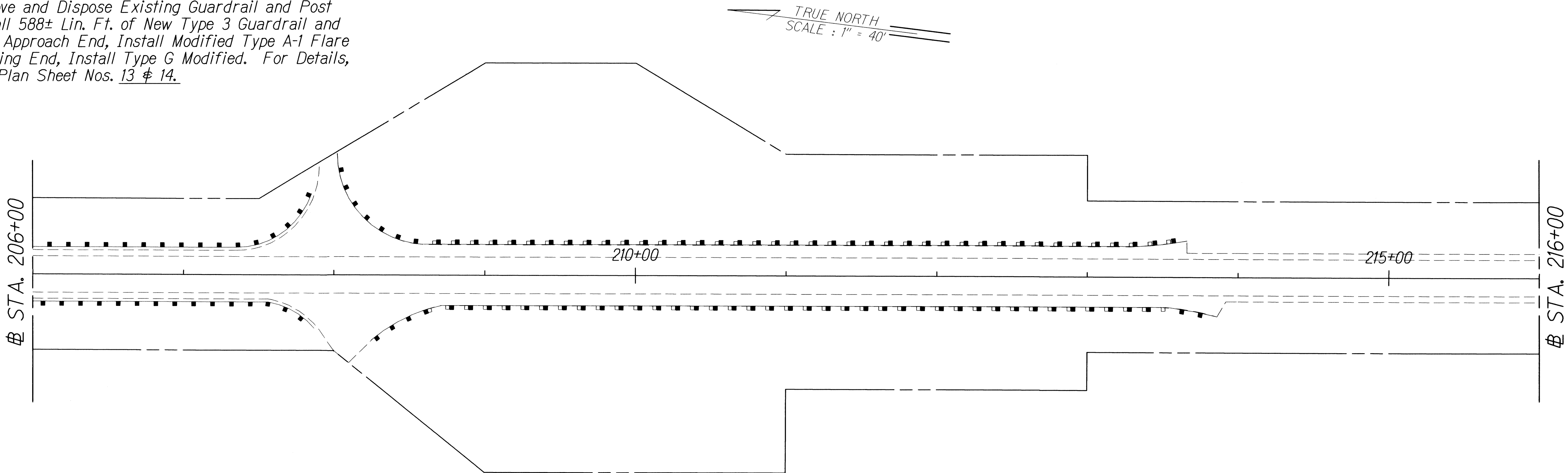
ROADWAY PLANS
HAWAII BELT ROAD GUARDRAIL
& SHOULDER IMPROVEMENTS
Papalele Road to Kaunaloa Bridge
Federal Aid Project No. NH-019-1(39)
Scale: 1" = 40' Date: Dec., 2011

SHEET No. 2 OF 5 SHEETS

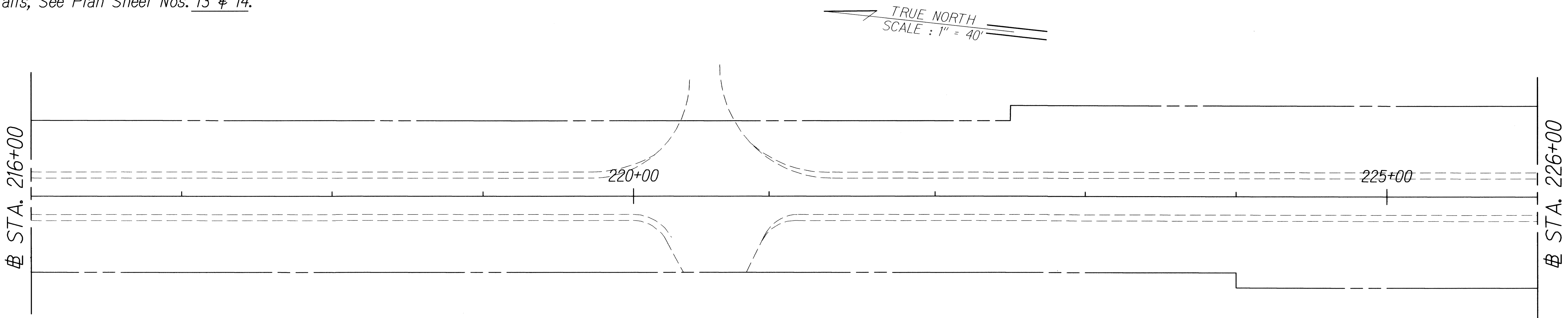
ORIGINAL PLAN	DATE
NOTED BY	DATE
DESIGNED BY	DATE
CHECKED BY	DATE

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(39)	2011	20	31

Sta. 208+00± to # Sta. 213+50 LT.
Remove and Dispose Existing Guardrail and Post
Install 588± Lin. Ft. of New Type 3 Guardrail and
Post Approach End, Install Modified Type A-1 Flare
Trailing End, Install Type G Modified. For Details,
See Plan Sheet Nos. 13 & 14.



Sta. 208+25± to # Sta. 214+00 RT.
Remove and Dispose Existing Guardrail and Post
Install 588± Lin. Ft. of New Type 3 Guardrail and
Post Approach End, Install Type G Modified
Trailing End, Install Modified Type A-1 Flare.
For Details, See Plan Sheet Nos. 13 & 14.



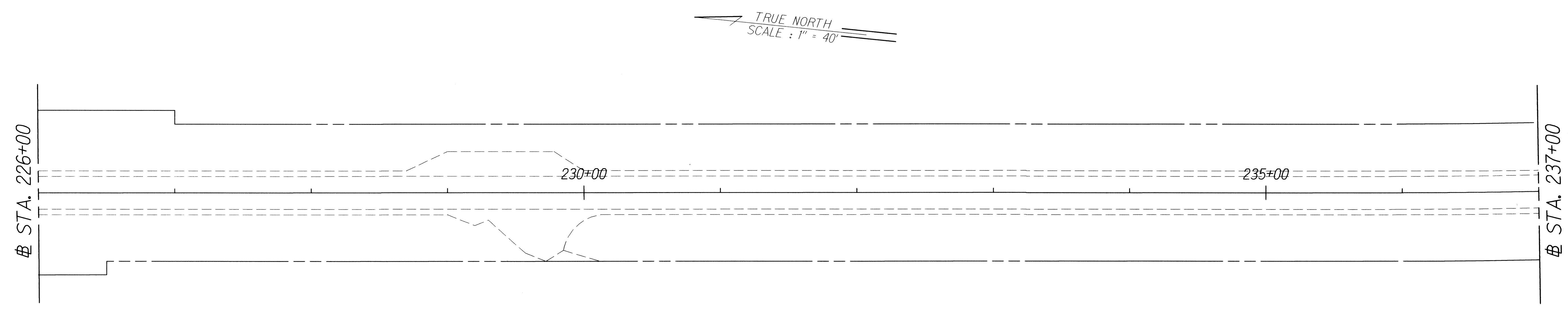
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NOTE BOOK	DRAWN BY	
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N.	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS
HAWAII BELT ROAD GUARDRAIL
& SHOULDER IMPROVEMENTS
Papalele Road to Kaunaloa Bridge
Federal Aid Project No. NH-019-1(39)
Scale: 1" = 40" Date: Dec., 2011

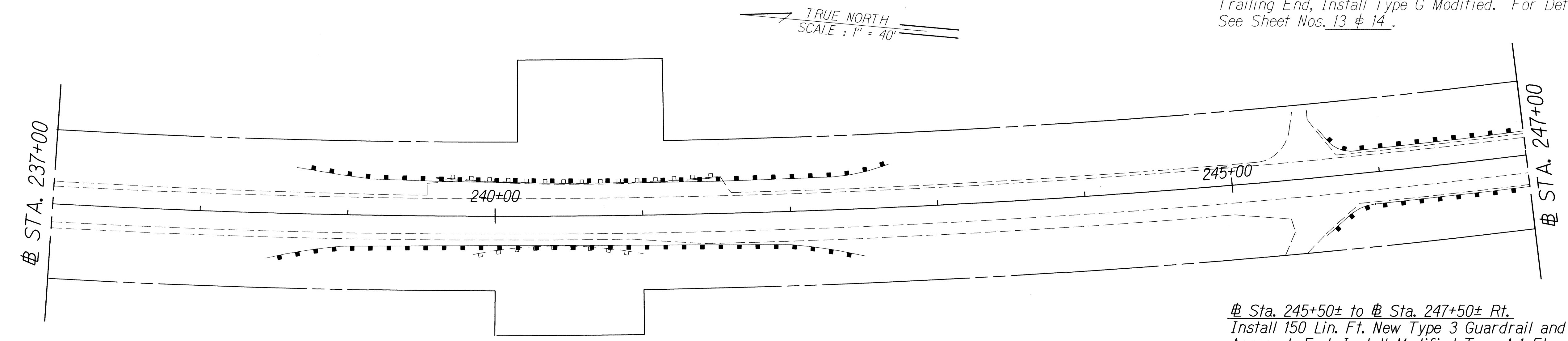
SHEET No. 3 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(39)	2011	21	31



Sta. 239+15± to # Sta. 242+18± Lt.
 Remove Existing Guardrail and Post Install
 300± Lin. Ft. New Type 3 Guardrail and Post.
 Approach and Trailing End, Install Modified Type
 A-1 Flare. For Details, See Sheet Nos. 14.

Sta. 245+60± to # Sta. 247+40± Lt.
 Install 150 Lin. Ft. New Type 3 Guardrail and Post
 Approach End, Install Modified Type A-1 Flare
 Trailing End, Install Type G Modified. For Details,
 See Sheet Nos. 13 & 14.



Sta. 238+95± to # Sta. 242+00± Rt.
 Remove Existing Guardrail and Post Install
 300± Lin. Ft. New Type 3 Guardrail and Post.
 Approach and Trailing End, Install Modified Type
 A-1 Flare. For Details, See Sheet Nos. 14.

Sta. 245+50± to # Sta. 247+50± Rt.
 Install 150 Lin. Ft. New Type 3 Guardrail and Post
 Approach End, Install Modified Type A-1 Flare
 Trailing End, Install Type G Modified. For Details,
 See Sheet Nos. 13 & 14.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
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No.	QUANTITIES BY	
	CHECKED BY	

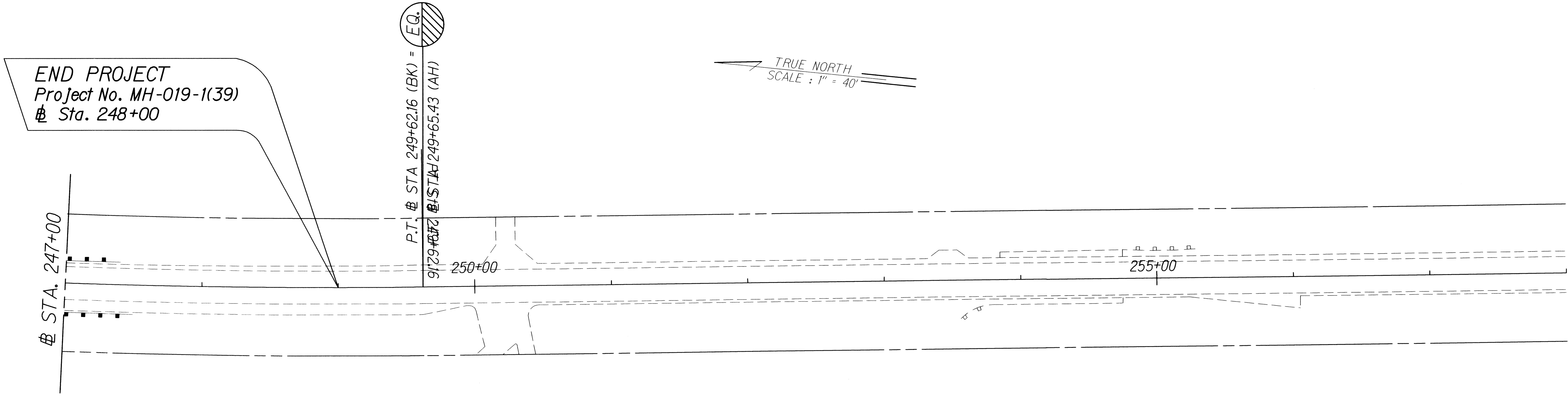
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS
SHOULDER IMPROVEMENTS
Papalele Road to Kaumoali Bridge
Federal Aid Project No. NH-019-1(39)
Scale: 1" = 40'

Date: Dec., 2011

SHEET No. 4 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(39)	2011	22	31



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

HAWAII BELT ROAD GUARDRAIL
SHOULDER IMPROVEMENTS
Papalele Road to Kaumoali Bridge
Federal Aid Project No. NH-019-1(39)
Scale: 1" = 40' Date: Dec., 2011

SHEET No. 5 OF 5 SHEETS