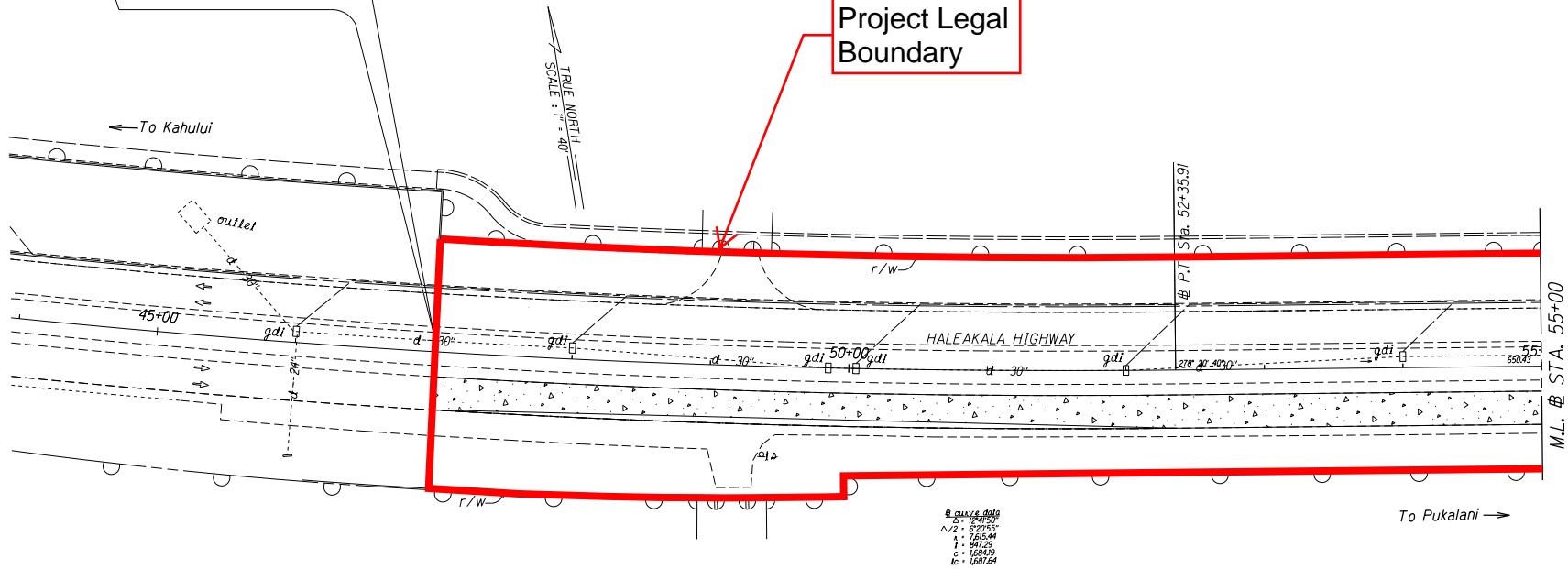


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(028)	2022	0	0

BEGIN PROJECT  
 Fed.Aid Proj. No. NH-037-1(028)  
 @ Sta. 47+00

Project Legal Boundary



@ QUAYE d010  
 11' 74.50"  
 Δ/2 = 6'20.55"  
 Δ = 12'41.10"  
 L = 94'20"  
 C = 1584.19  
 Lc = 107.24

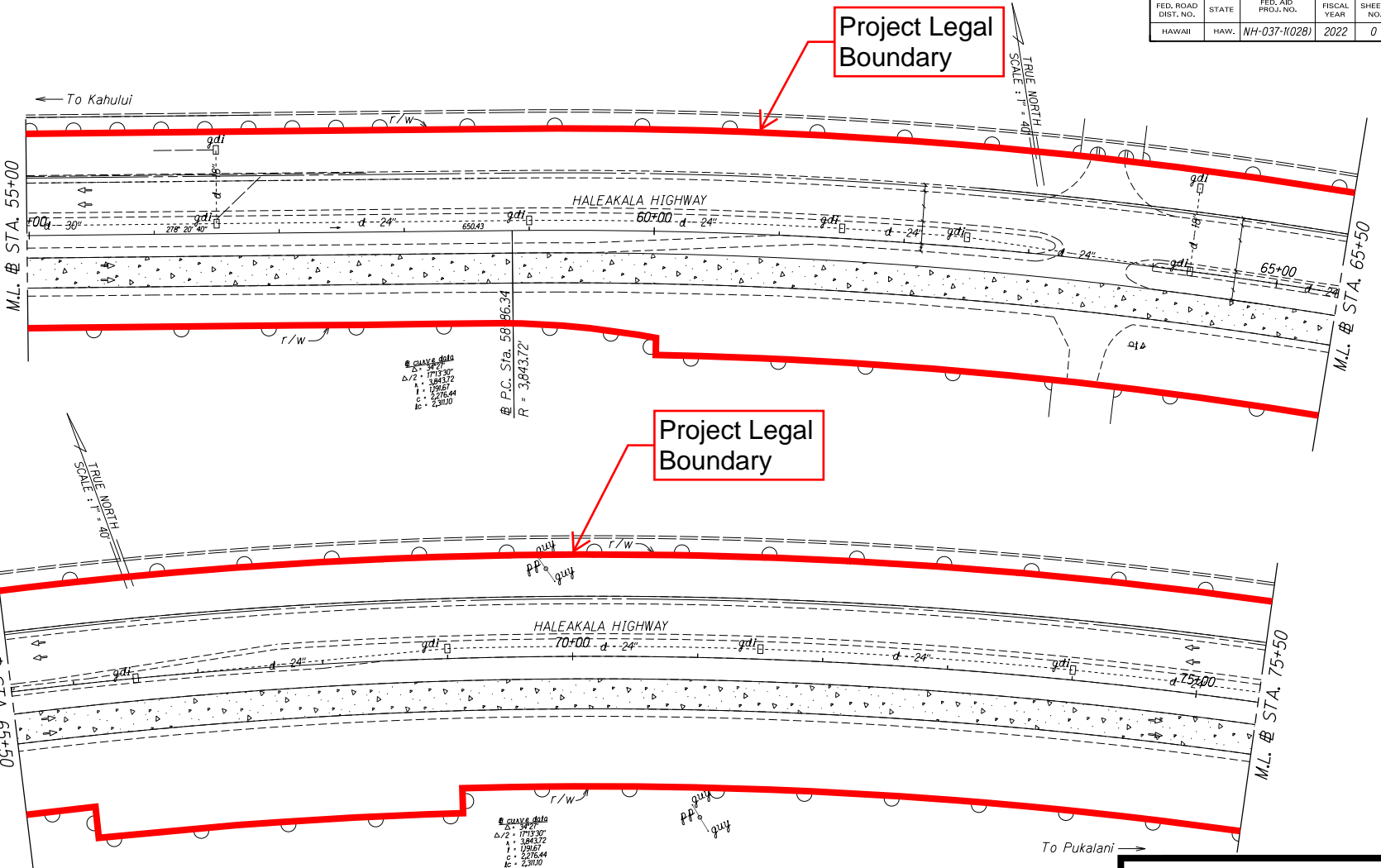
DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
IN CHARGE BY	
DATE	

Legend

— Legal Boundary

**Attachment A-2**  
**Legal Boundary Map**  
 Haleakala Highway Reconstruction  
 North Firebreak Road to  
 Old Haleakala Highway  
 Federal Aid Project No. NH-037-1(028)

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(028)	2022	0	0



Project Legal Boundary

Project Legal Boundary

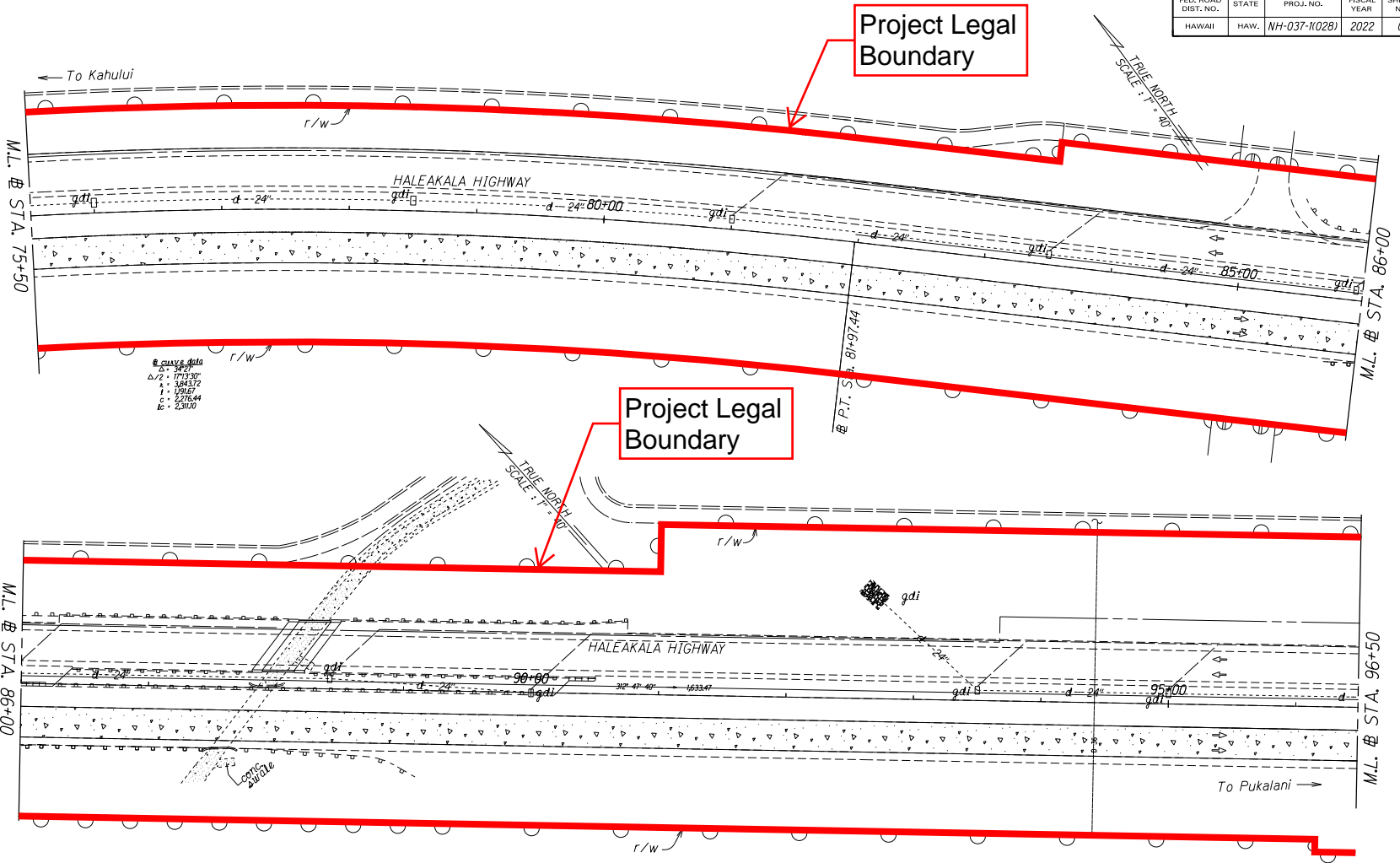
Legend

— Legal Boundary

DESIGNED BY	
DRAWN BY	
CHECKED BY	
DATE	
PROJECT NO.	
CONTRACT NO.	
CONTRACTOR	
ENGINEER	
DATE	

**Attachment A-2**  
**Legal Boundary Map**  
 Haleakala Highway Reconstruction  
 North Firebreak Road to  
 Old Haleakala Highway  
 Federal Aid Project No. NH-037-1(028)

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(028)	2022	0	0



Curve data  
 $\Delta = 58.97^\circ$   
 $\Delta/2 = 29.485^\circ$   
 $R = 18437.2$   
 $L = 1965.7$   
 $C = 5276.44$   
 $I.C. = 2.3100$

Project Legal Boundary

Project Legal Boundary

**Attachment A-2**  
**Legal Boundary Map**  
 Haleakala Highway Reconstruction  
 North Firebreak Road to  
 Old Haleakala Highway  
 Federal Aid Project No. NH-037-1(028)

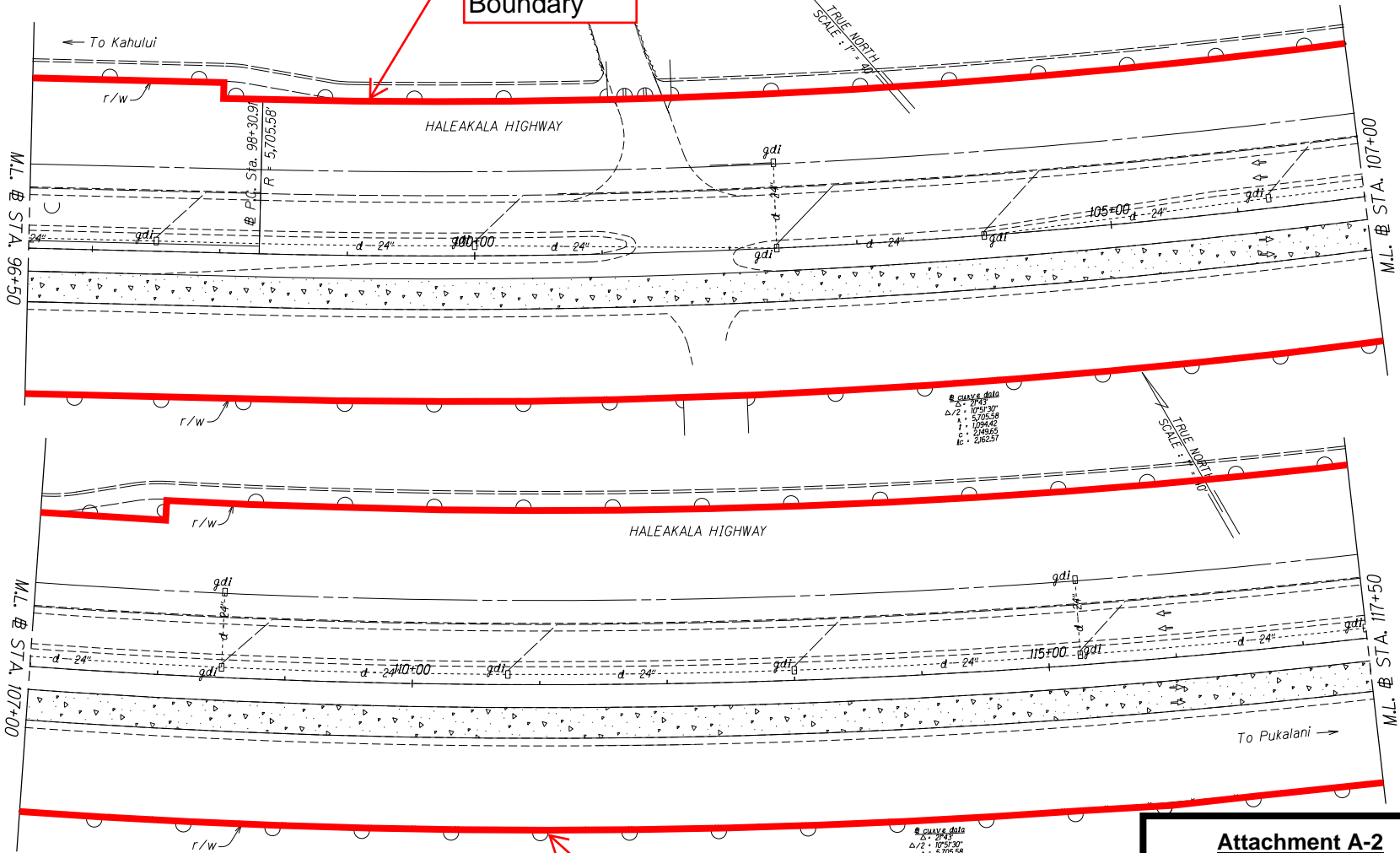
Legend

— Legal Boundary

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
APPROVED BY	
NOTED BY	
CONTRACT NO.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(028)	2022	0	0

**Project Legal Boundary**



Curve data  
 $\Delta/2 = 10^{\circ}51'30''$   
 $R = 5,705.58$   
 $L = 1,054.42$   
 $C = 2,149.65$   
 $E = 2,825.7$

Curve data  
 $\Delta/2 = 10^{\circ}51'30''$   
 $R = 5,705.58$   
 $L = 1,054.42$   
 $C = 2,149.65$   
 $E = 2,825.7$

**Legend**

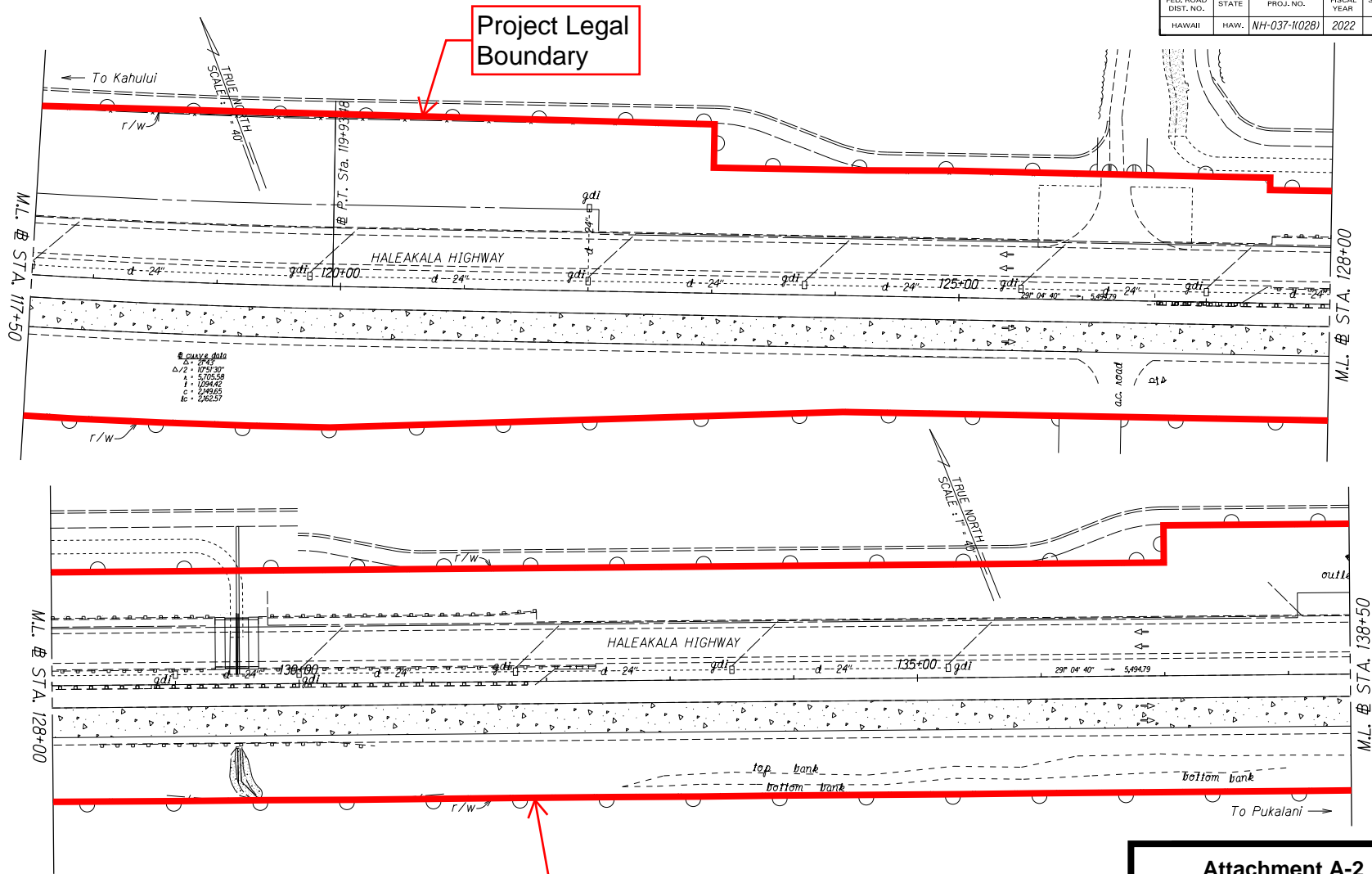
— Legal Boundary

**Project Legal Boundary**

**Attachment A-2**  
**Legal Boundary Map**  
 Haleakala Highway Reconstruction  
 North Firebreak Road to  
 Old Haleakala Highway  
 Federal Aid Project No. NH-037-1(028)

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
IN CHARGE BY	
NOTED BY	
DATE	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(028)	2022	0	0



Project Legal Boundary

Project Legal Boundary

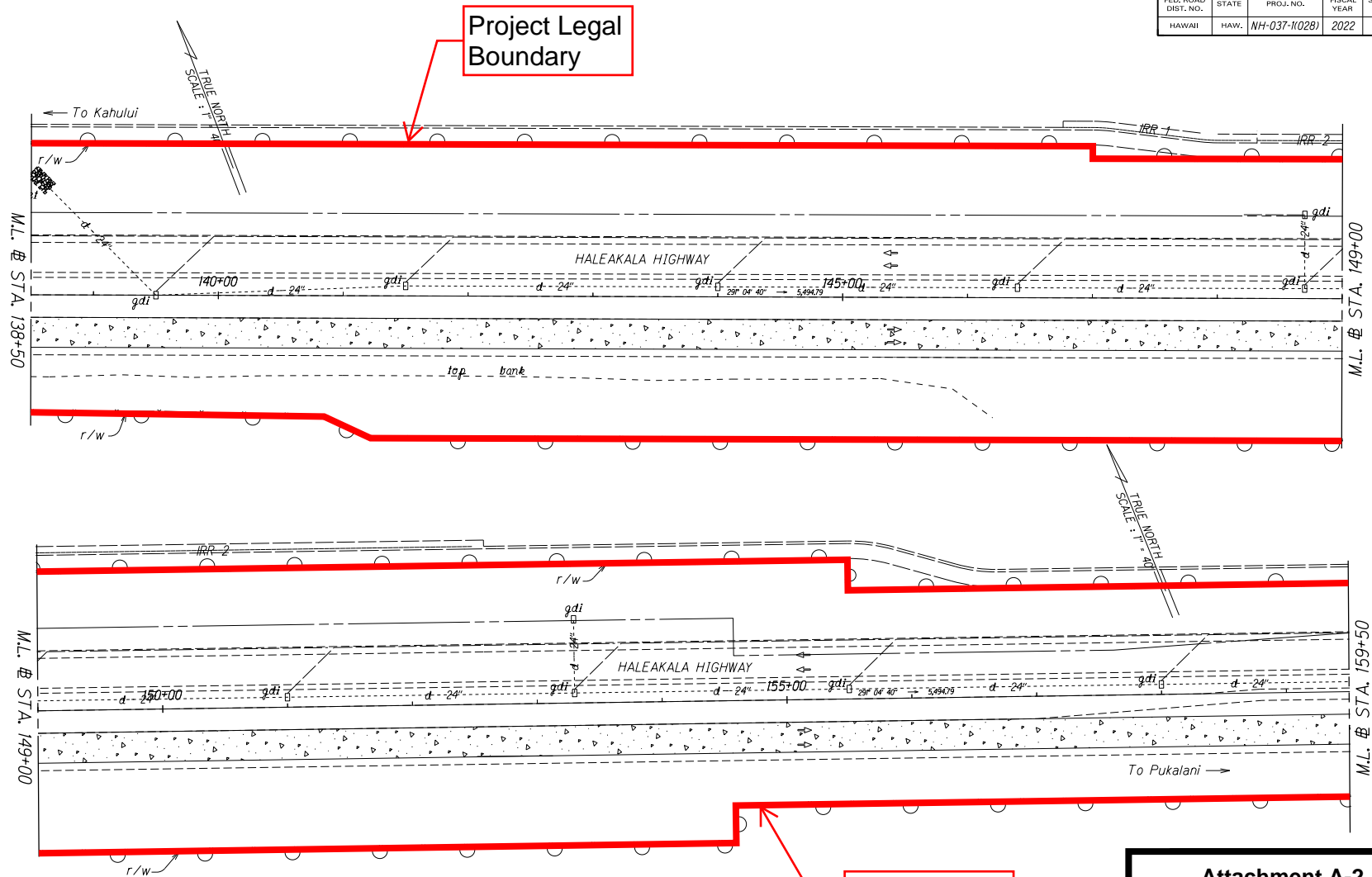
**Legend**

— Legal Boundary

**Attachment A-2**  
**Legal Boundary Map**  
 Haleakala Highway Reconstruction  
 North Firebreak Road to  
 Old Haleakala Highway  
 Federal Aid Project No. NH-037-1(028)

DESIGNED BY	
CHECKED BY	
DATE	
PROJECT NO.	
SCALE	
REVISIONS	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(028)	2022	0	0



**Project Legal Boundary**

**Project Legal Boundary**

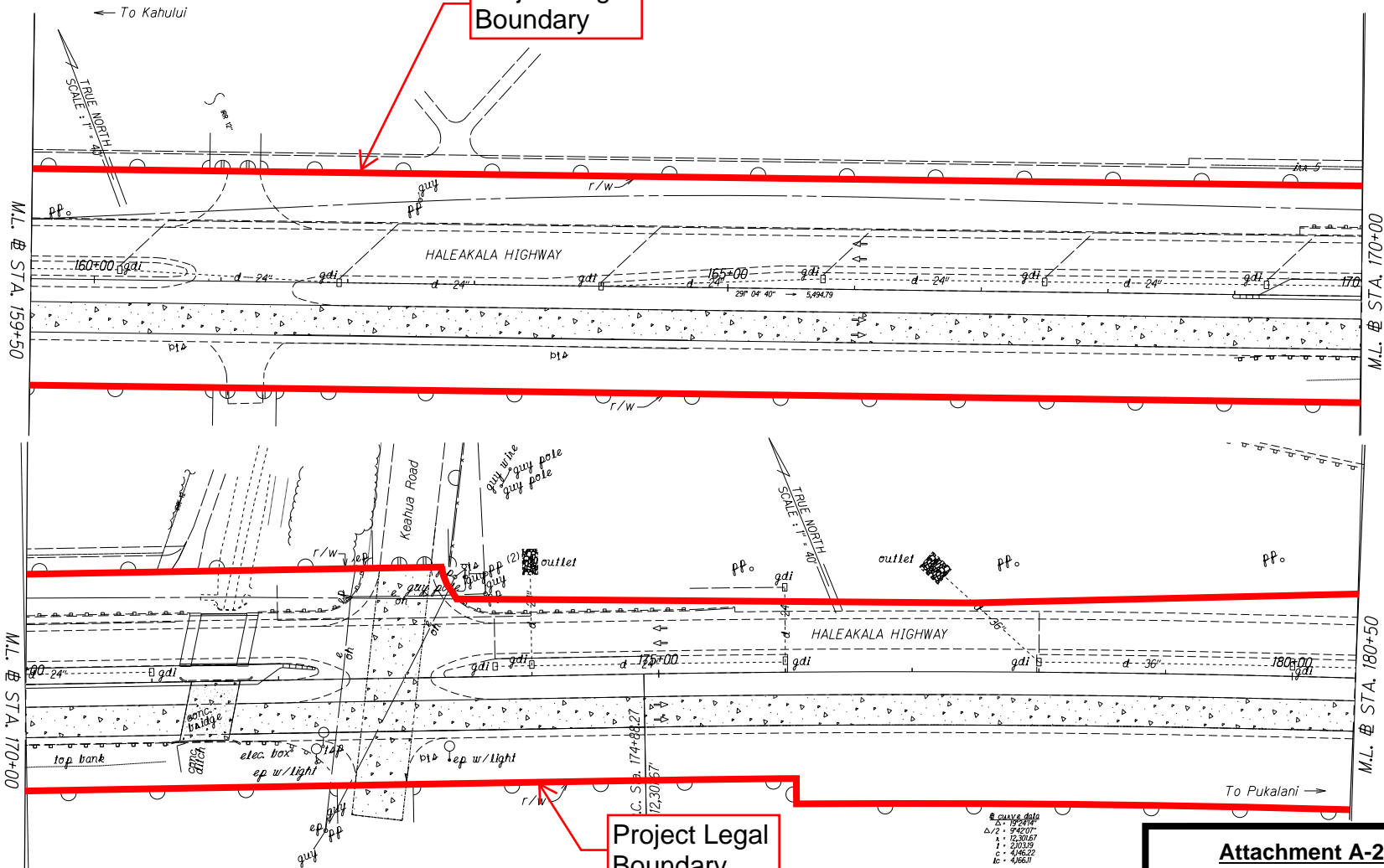
**Legend**

— Legal Boundary

**Attachment A-2**  
**Legal Boundary Map**  
 Haleakala Highway Reconstruction  
 North Firebreak Road to  
 Old Haleakala Highway  
 Federal Aid Project No. NH-037-1(028)

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
IN CHARGE BY	
PROJECT NO.	
SHEET NO.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(028)	2022	0	0



**Project Legal Boundary**

**Project Legal Boundary**

**Legend**

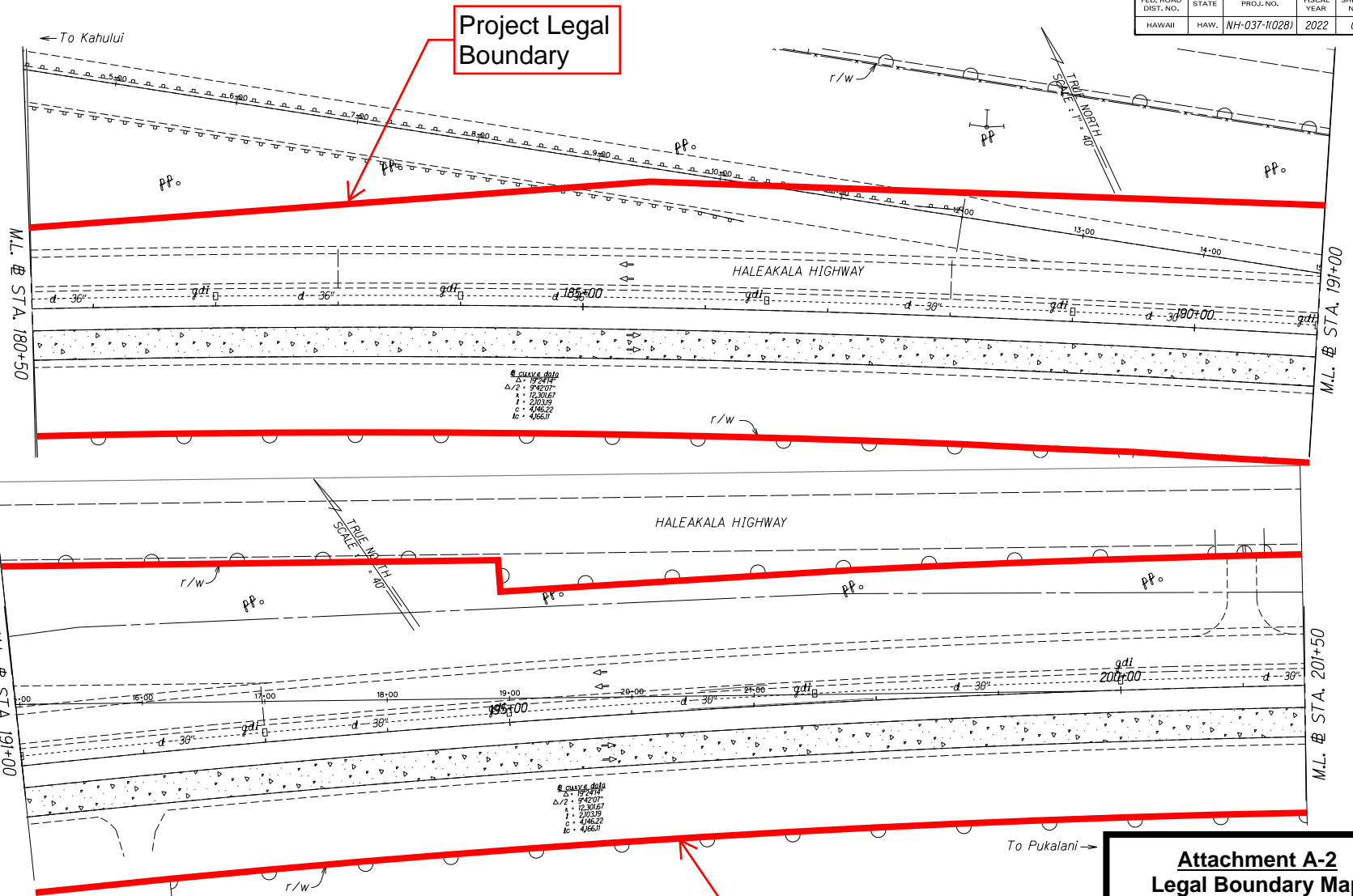
Legal Boundary

**Attachment A-2**  
**Legal Boundary Map**  
 Haleakala Highway Reconstruction  
 North Firebreak Road to  
 Old Haleakala Highway  
 Federal Aid Project No. NH-037-1(028)

@ CHANG 4/16  
 Δ 1 - 19,297.44  
 Δ 2 - 9,420.77  
 1 - 12,301.67  
 1 - 2,003.00  
 C - 4,462.22  
 IC - 4,667.07

DATE	
DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE BY	
APPROVED BY	
DATE	
DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE BY	
APPROVED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(028)	2022	0	0



**Project Legal Boundary**

**Project Legal Boundary**

**Legend**

— Legal Boundary

**Attachment A-2**  
**Legal Boundary Map**  
 Haleakala Highway Reconstruction  
 North Firebreak Road to  
 Old Haleakala Highway  
 Federal Aid Project No. NH-037-1(028)

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
APPROVED BY	
PROJECT NO.	
SHEET NO.	
TOTAL SHEETS	

CHANGING DATA  
 Δ = 192414  
 Δ/2 = 96207  
 I = 1630157  
 I' = 210319  
 C = 416622  
 IC = 416611

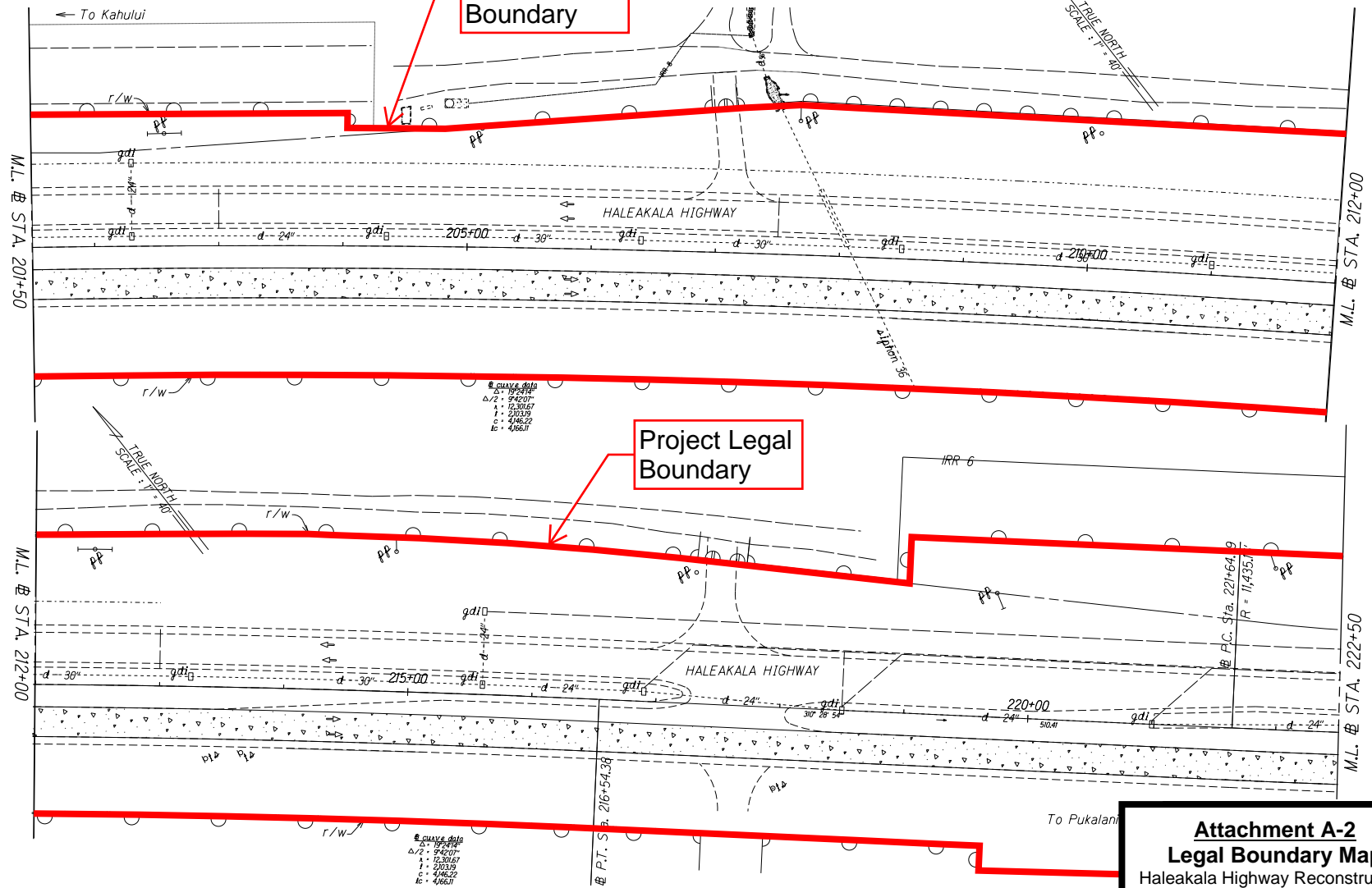
CHANGING DATA  
 Δ = 192414  
 Δ/2 = 96207  
 I = 1630157  
 I' = 210319  
 C = 416622  
 IC = 416611



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(028)	2022	0	0

**Project Legal Boundary**

**Project Legal Boundary**



DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
IN CHARGE BY	
APPROVED BY	
DATE	

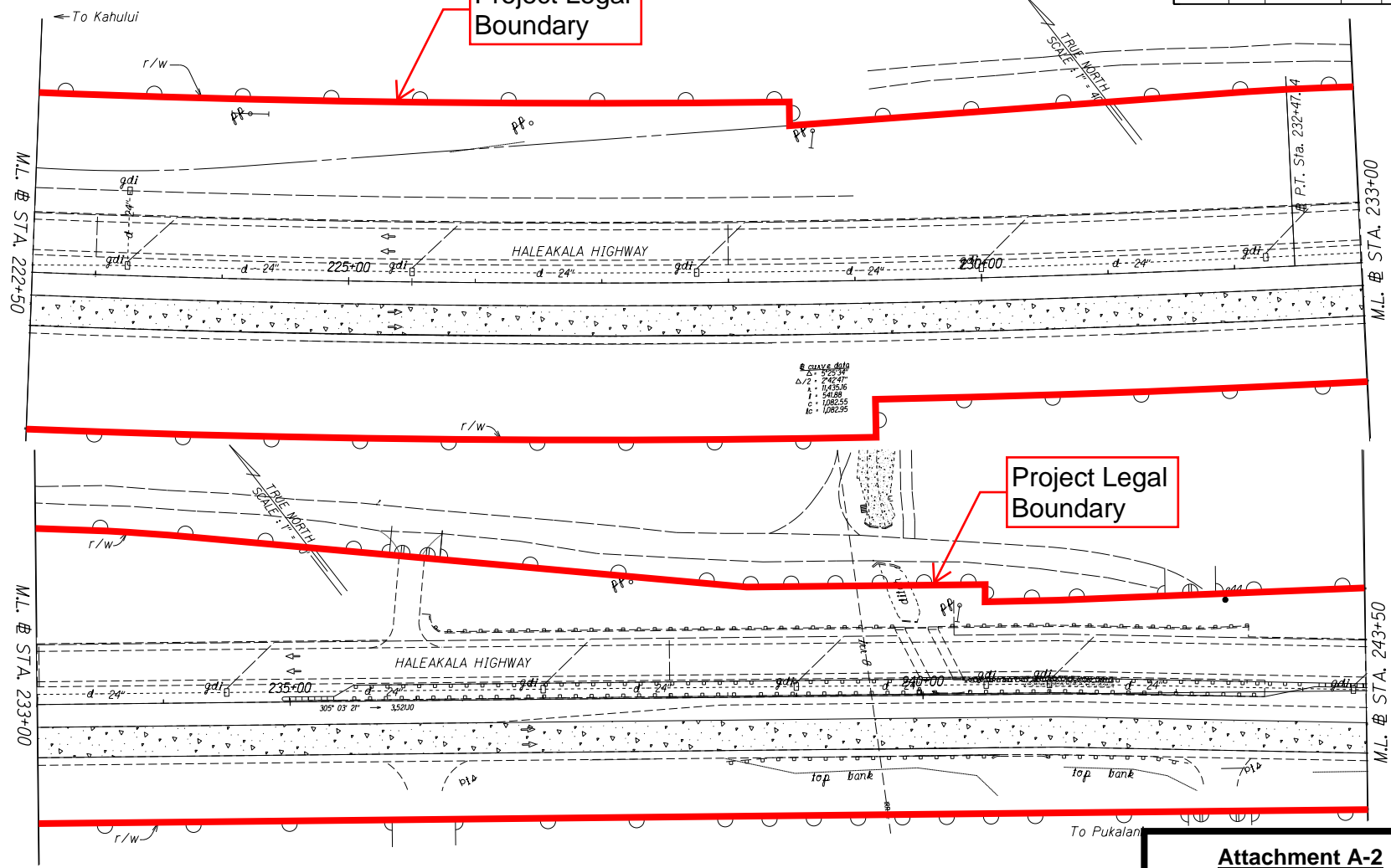
**Legend**

— Legal Boundary

CHANGING DATA  
 Δ/2 = 94207.7  
 I = 2703.9  
 C = 4146.22  
 IC = 4166.11

CHANGING DATA  
 Δ/2 = 94207.7  
 I = 2703.9  
 C = 4146.22  
 IC = 4166.11

**Attachment A-2**  
**Legal Boundary Map**  
 Haleakala Highway Reconstruction  
 North Firebreak Road to  
 Old Haleakala Highway  
 Federal Aid Project No. NH-037-1(028)



**Project Legal Boundary**

**Project Legal Boundary**

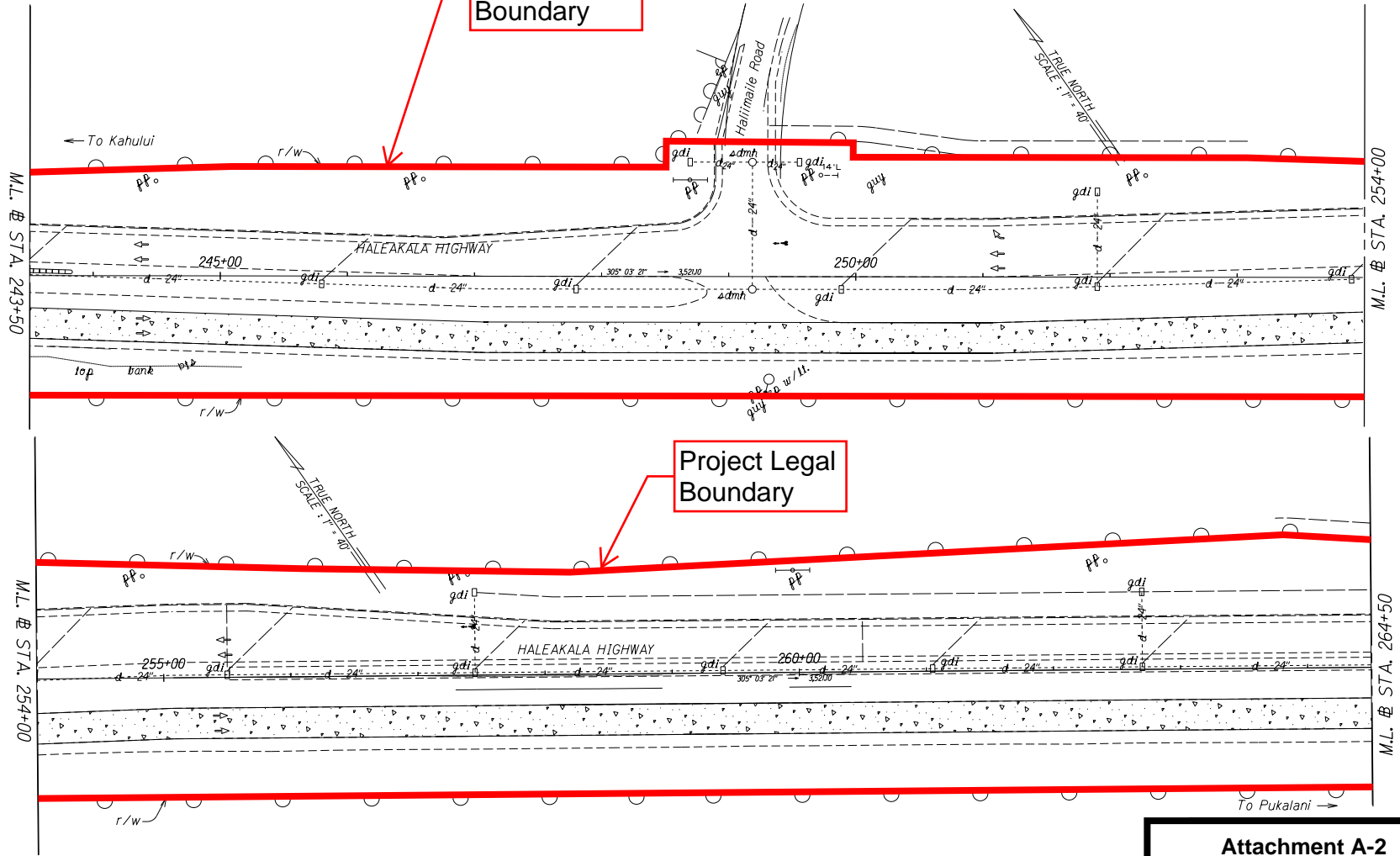
**Legend**

— Legal Boundary

**Attachment A-2**  
**Legal Boundary Map**  
 Haleakala Highway Reconstruction  
 North Firebreak Road to  
 Old Haleakala Highway  
 Federal Aid Project No. NH-037-1(028)

DATE	REVISION

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(028)	2022	0	0



**Project Legal Boundary**

**Project Legal Boundary**

**Legend**

Legal Boundary

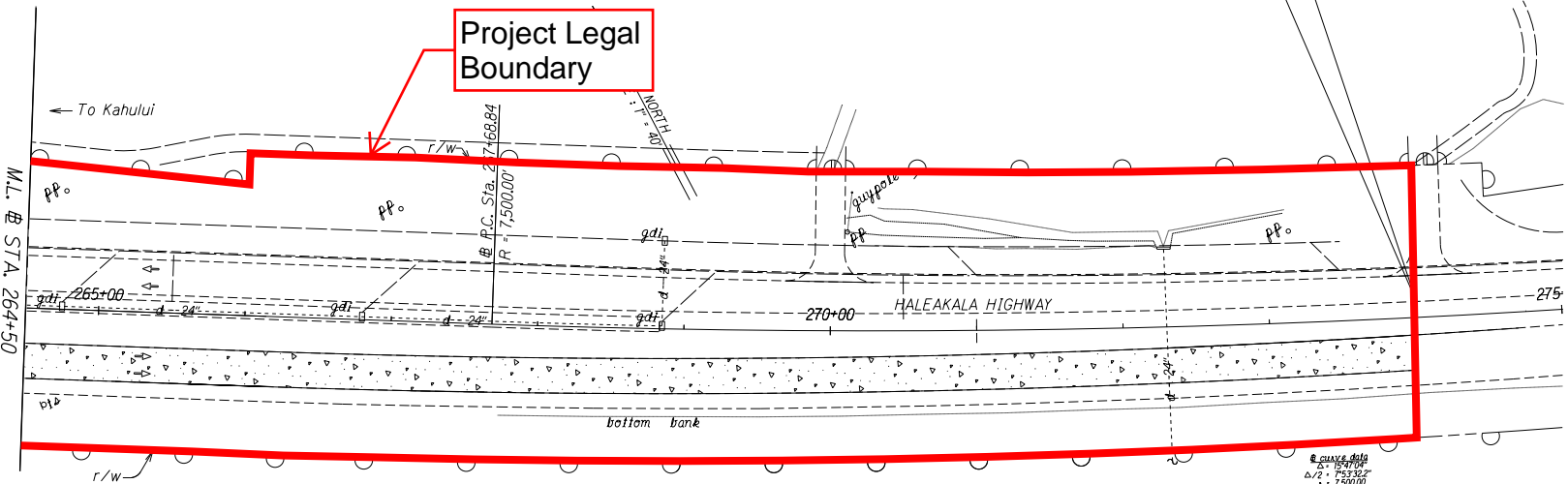
**Attachment A-2**  
**Legal Boundary Map**  
 Haleakala Highway Reconstruction  
 North Firebreak Road to  
 Old Haleakala Highway  
 Federal Aid Project No. NH-037-1(028)

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
IN CHARGE BY	
PROJECT NO.	
DATE	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(028)	2022	0	0

END PROJECT  
 Fed. Aid Proj. No. NH-037-1(028)  
 @ Sta. 274+00

**Project Legal Boundary**



$\Delta/2 = 1074.04'$   
 $\Delta/2 = 753.302'$   
 $\Delta = 1508.608'$   
 $\Delta = 1039.68'$   
 $\Delta = 2079.366'$   
 $\Delta = 2166.75'$

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
IN CHARGE BY	
DATE	

Legend

— Legal Boundary

**Attachment A-2**  
**Legal Boundary Map**  
 Haleakala Highway Reconstruction  
 North Firebreak Road to  
 Old Haleakala Highway  
 Federal Aid Project No. NH-037-1(028)