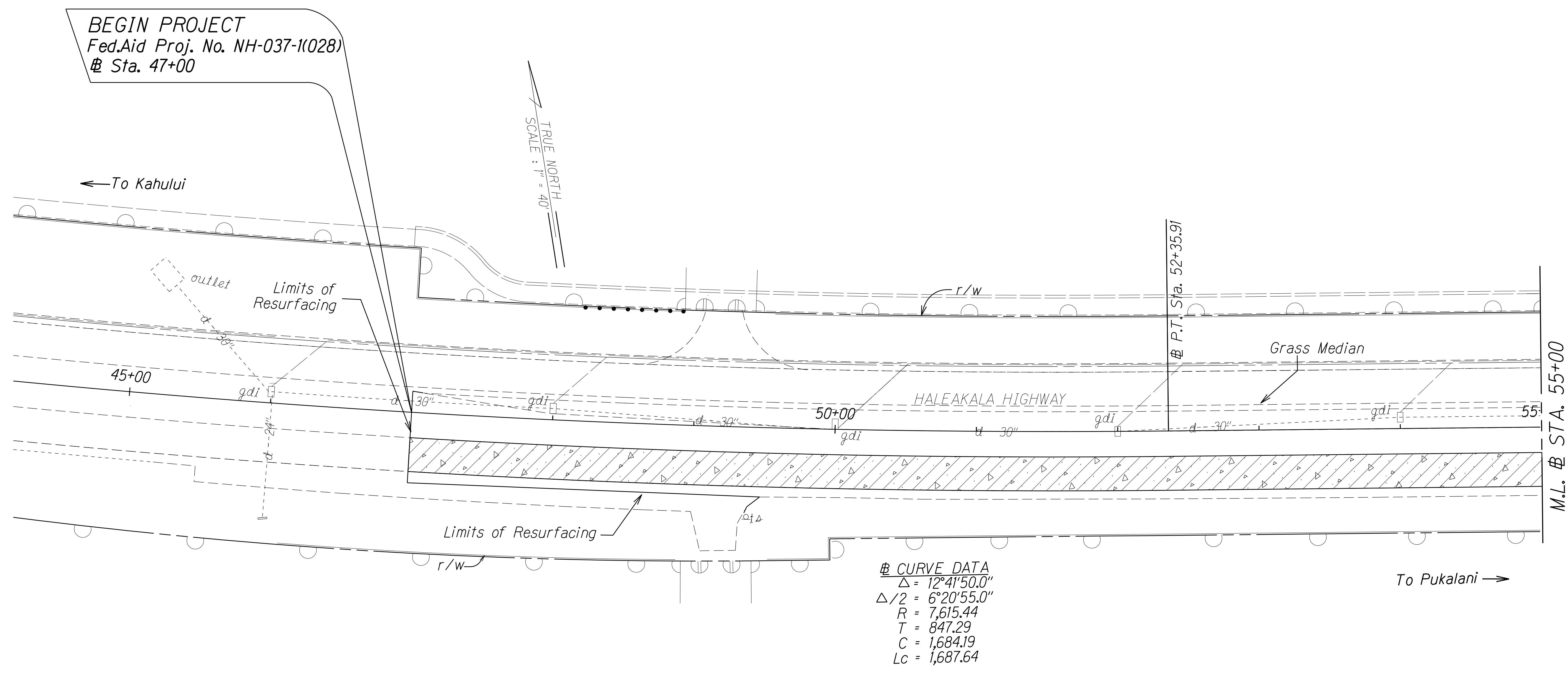


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(028)	2022	9	42



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
N _o 911e	TRACED BY	
	DESIGNED BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

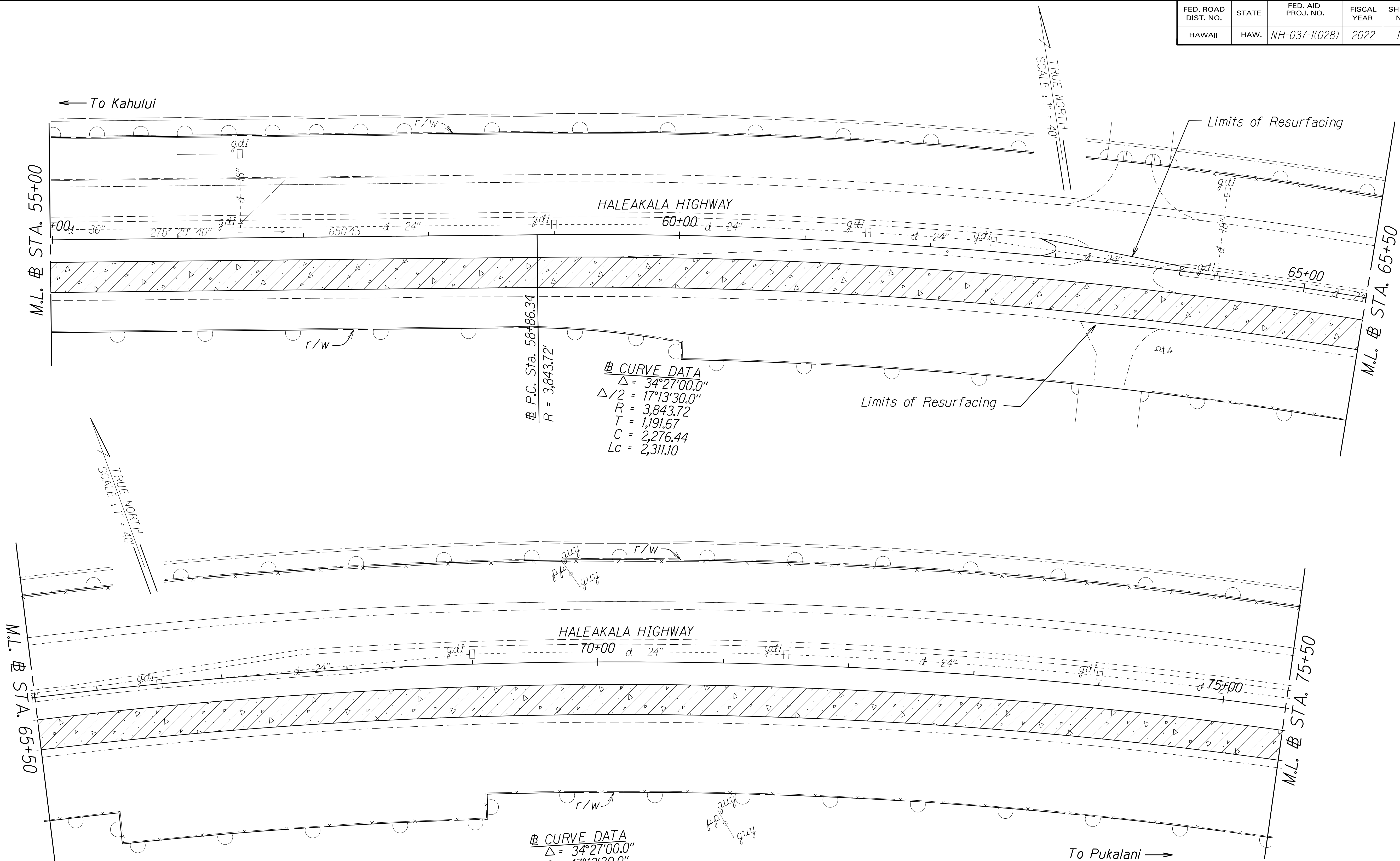
ROADWAY PLAN

HALEAKALA HIGHWAY RECONSTRUCTION
North Firebreak Road to Old Haleakala Highway
Fed. Aid Proj. No. NH-037-1(028)

Scale: 1" = 40' Date: June, 2022

SHEET No. 1 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(028)	2022	10	42



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

HALEAKALA HIGHWAY RECONSTRUCTION

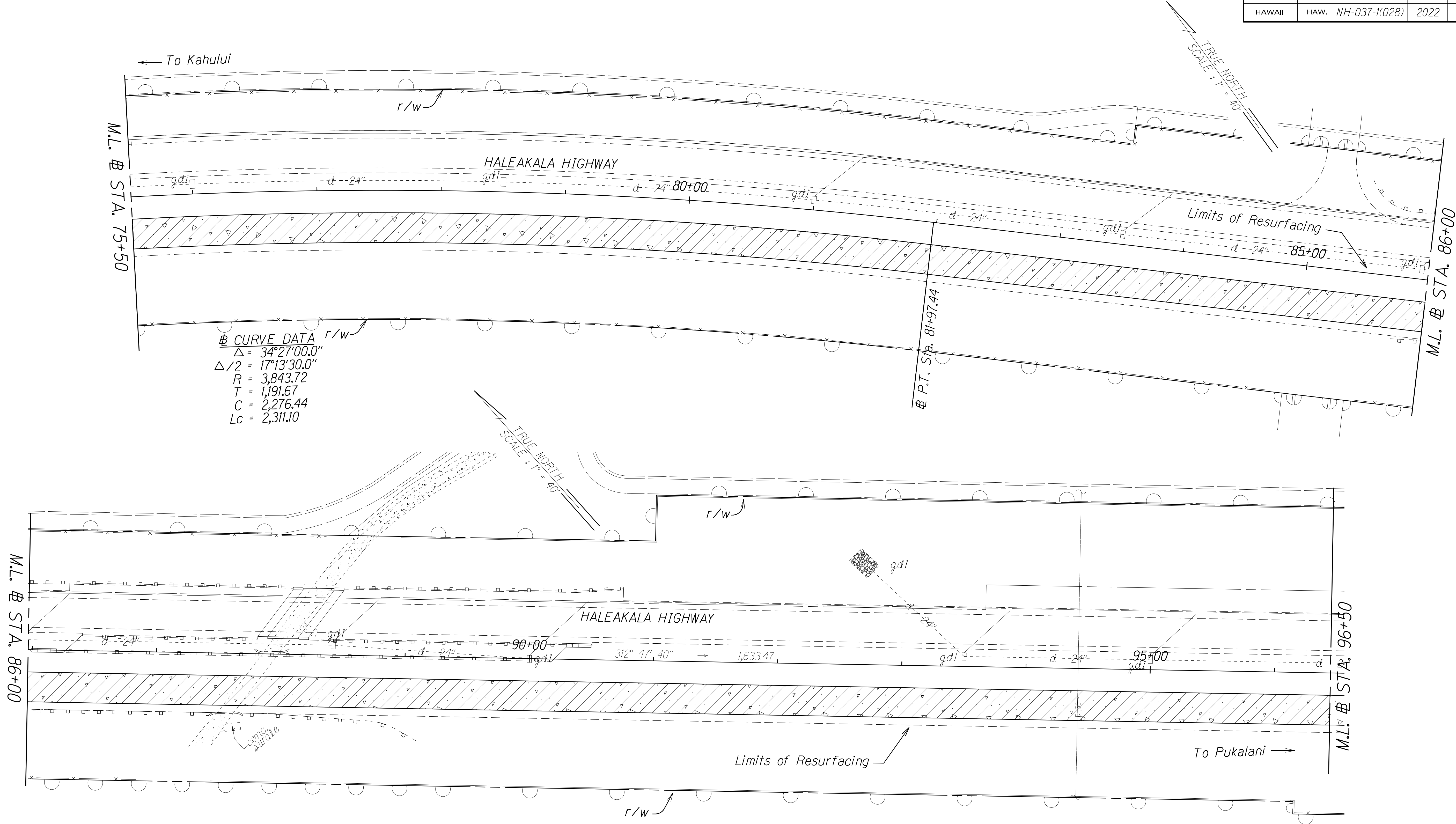
North Firebreak Road to Old Haleakala Highway

Fed. Aid Proj. No. NH-037-1(028)

Scale: 1" = 40' Date: June, 2022

SHEET No. 2 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(028)	2022	11	42



CURVE DATA
 $\Delta = 34^\circ 27' 00.0''$
 $\Delta/2 = 17^\circ 13' 30.0''$
 $R = 3,843.72$
 $T = 1,191.67$
 $C = 2,276.44$
 $Lc = 2,311.10$

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

HALEAKALA HIGHWAY RECONSTRUCTION

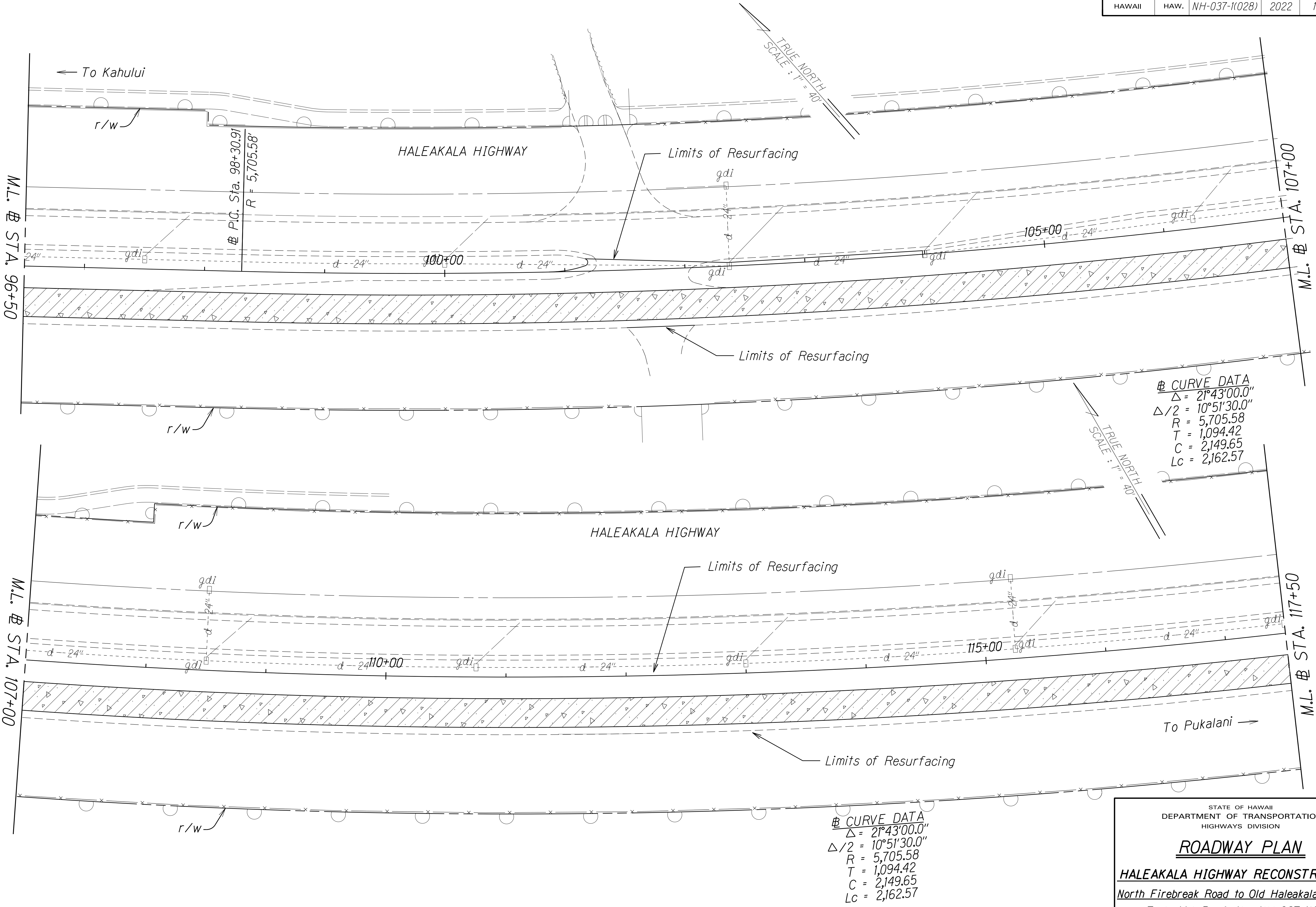
North Firebreak Road to Old Haleakala Highway

Fed. Aid Proj. No. NH-037-1(028)

Scale: 1" = 40' Date: June, 2022

SHEET No. 3 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(028)	2022	12	42



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
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	DESIGNED BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

HALEAKALA HIGHWAY RECONSTRUCTION

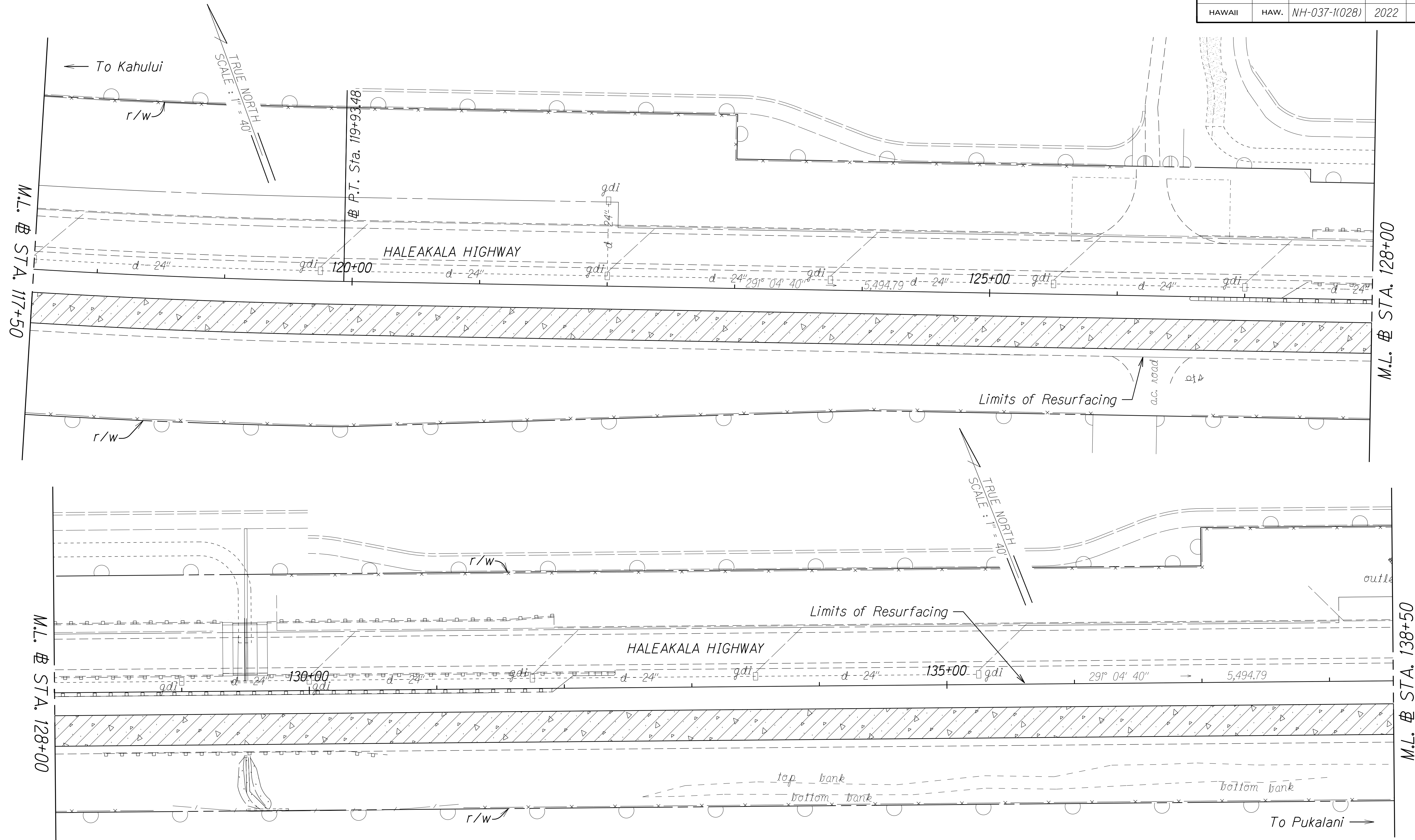
North Firebreak Road to Old Haleakala Highway

Fed. Aid Proj. No. NH-037-1(028)

Scale: 1" = 40' Date: June, 2022

SHEET No. 4 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(028)	2022	13	42



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
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	DESIGNED BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

HALEAKALA HIGHWAY RECONSTRUCTION

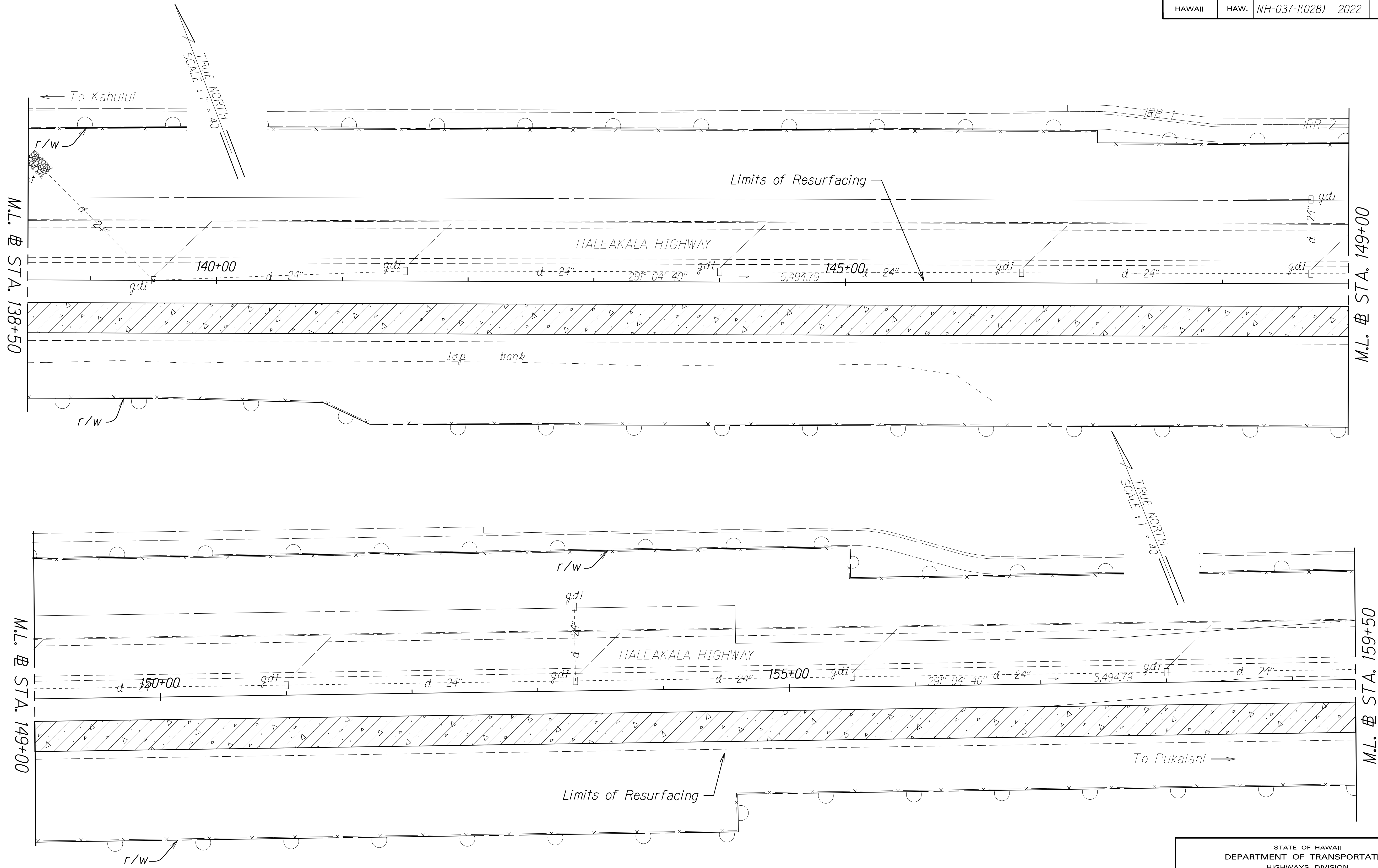
North Firebreak Road to Old Haleakala Highway

Fed. Aid Proj. No. NH-037-1(028)

Scale: 1" = 40' Date: June, 2022

SHEET No. 5 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(028)	2022	14	42



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
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	DESIGNED BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

HALEAKALA HIGHWAY RECONSTRUCTION

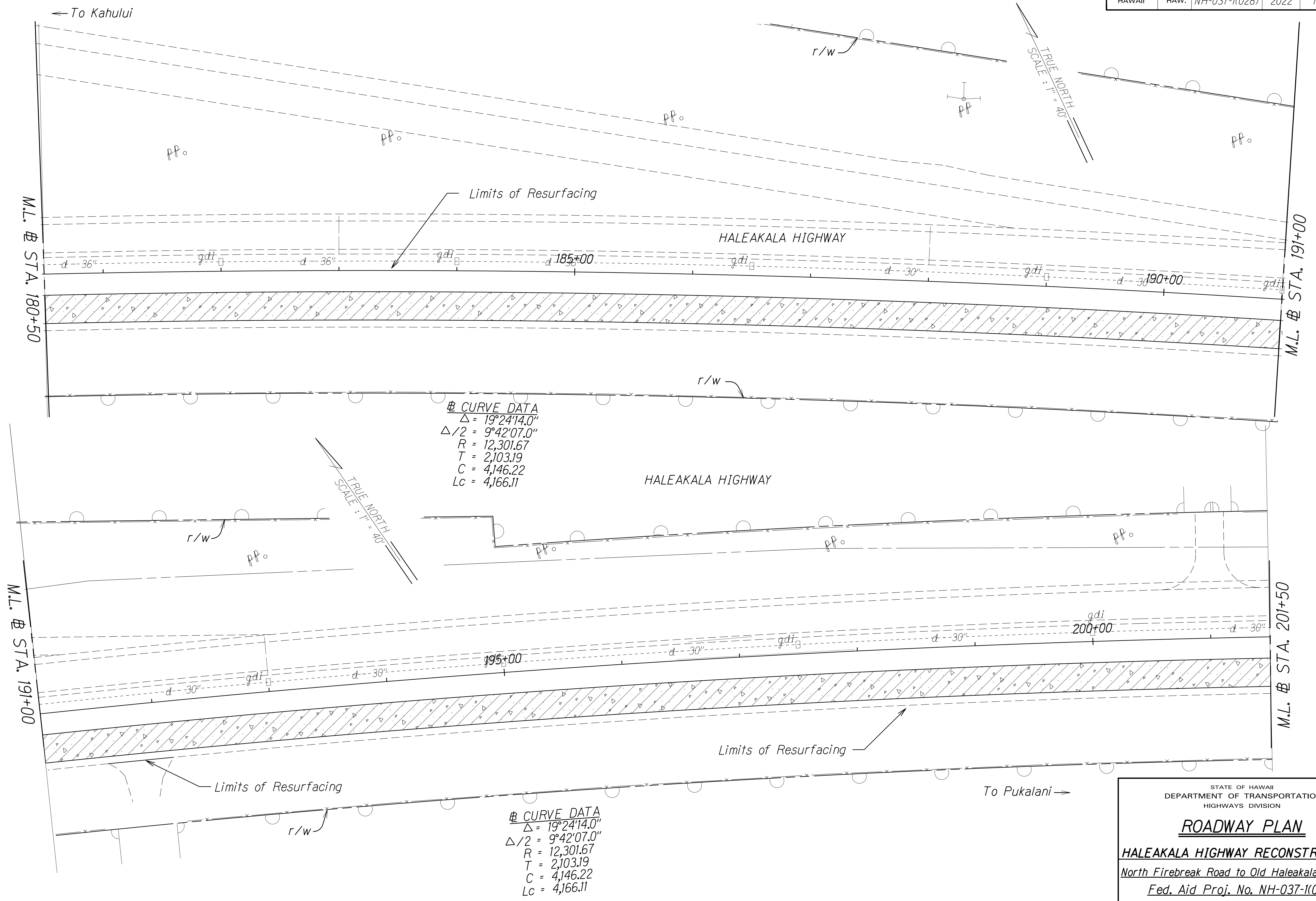
North Firebreak Road to Old Haleakala Highway

Fed. Aid Proj. No. NH-037-1(028)

Scale: 1" = 40' Date: June, 2022

SHEET No. 6 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(028)	2022	16	42



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

HALEAKALA HIGHWAY RECONSTRUCTION

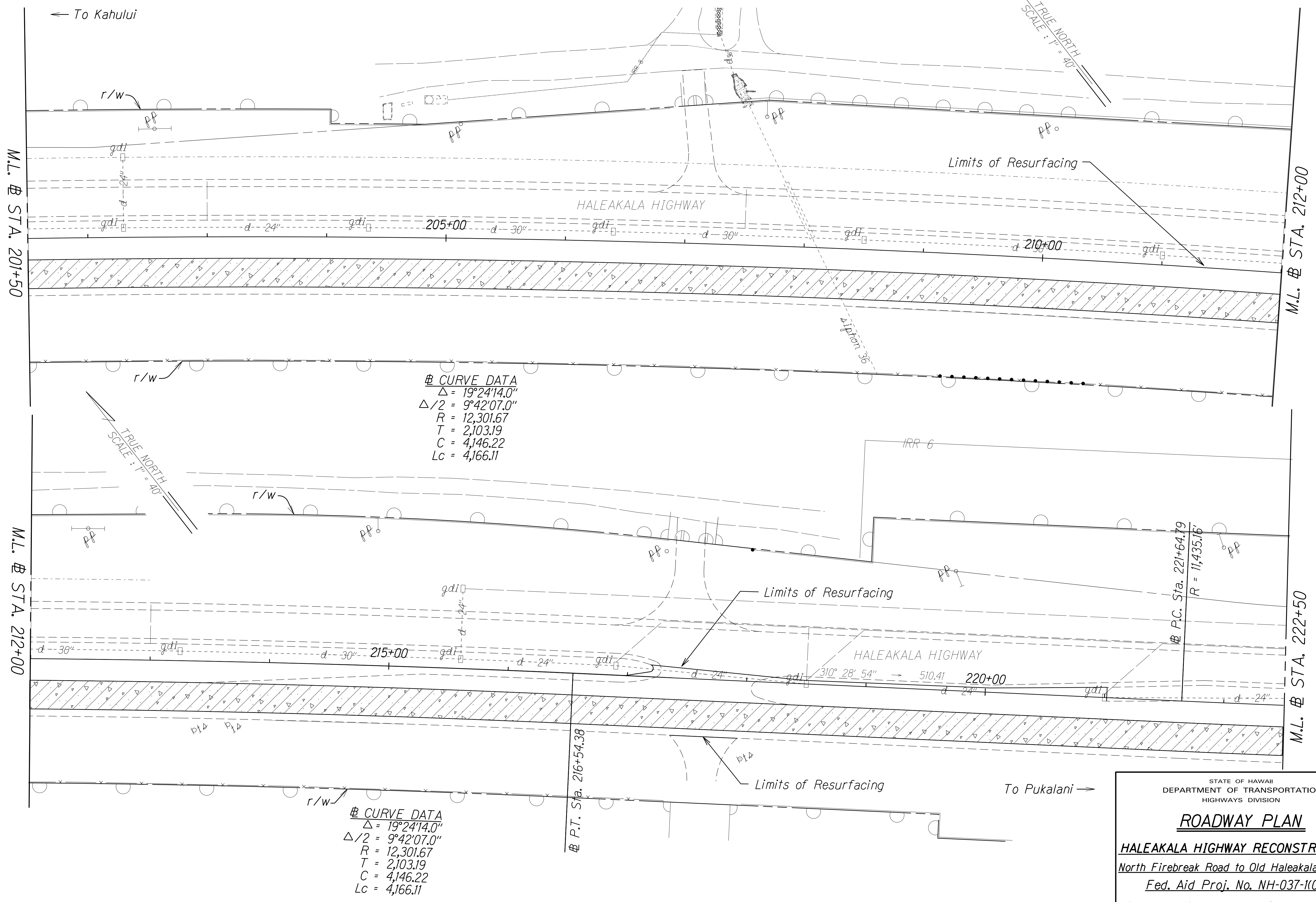
North Firebreak Road to Old Haleakala Highway

Fed. Aid Proj. No. NH-037-1(028)

Scale: 1" = 40' Date: June, 2022

SHEET No. 8 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(028)	2022	17	42



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

HALEAKALA HIGHWAY RECONSTRUCTION

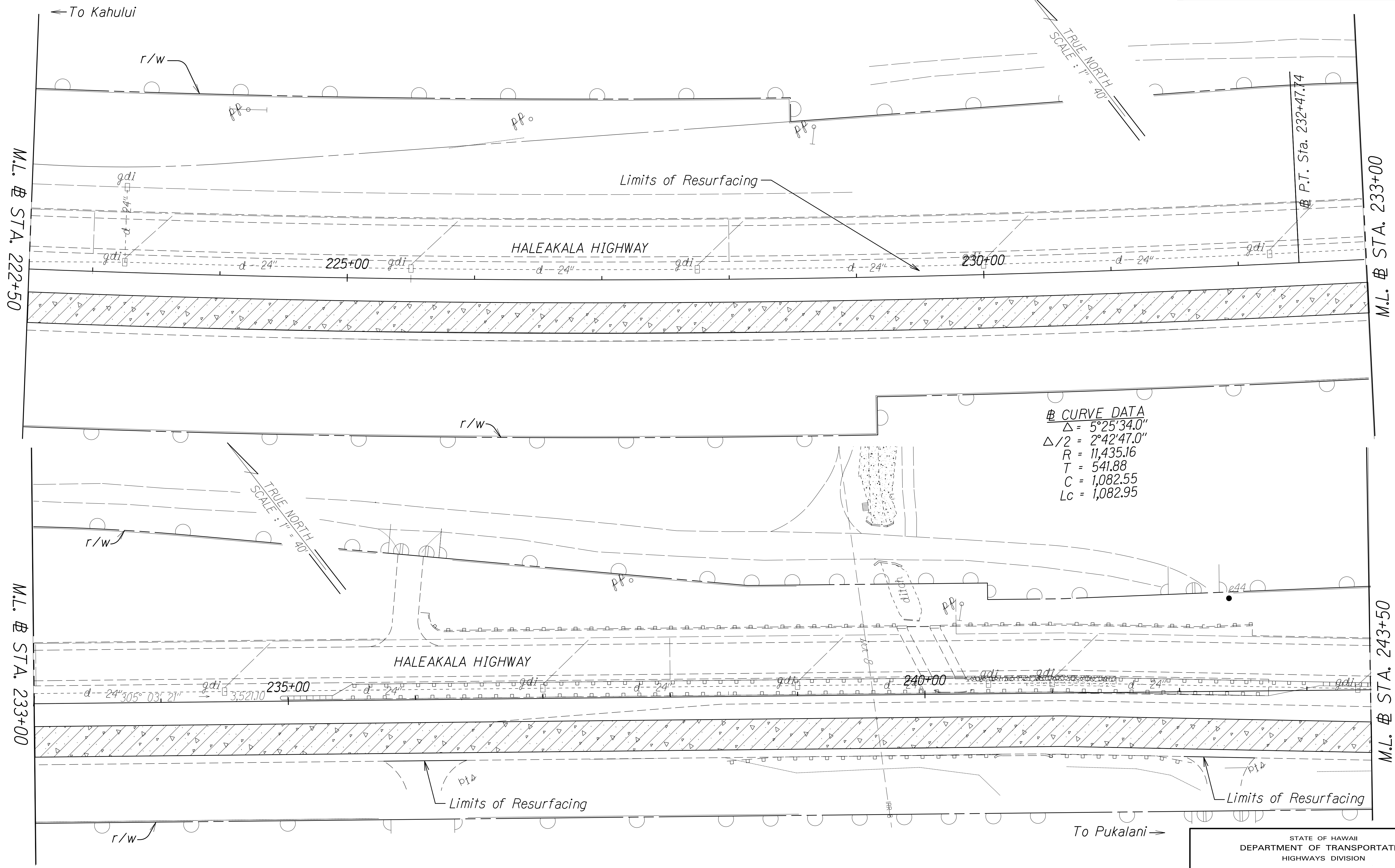
North Firebreak Road to Old Haleakala Highway

Fed. Aid Proj. No. NH-037-1(028)

Scale: 1" = 40' Date: June, 2022

SHEET No. 9 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(028)	2022	18	42



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

HALEAKALA HIGHWAY RECONSTRUCTION

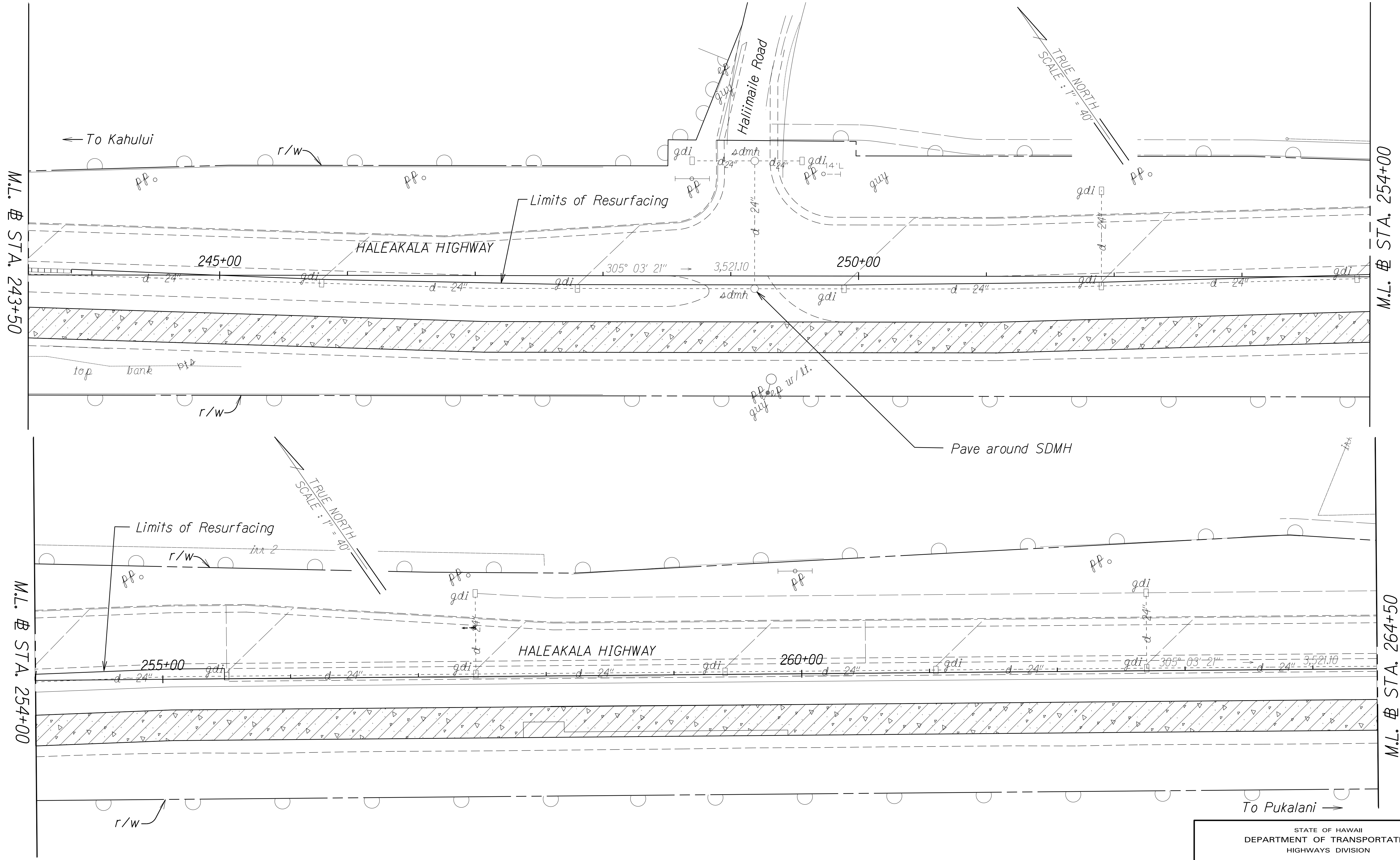
North Firebreak Road to Old Haleakala Highway

Fed. Aid Proj. No. NH-037-1(028)

Scale: 1" = 40' Date: June, 2022

SHEET No. 10 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(028)	2022	19	42



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

HALEAKALA HIGHWAY RECONSTRUCTION

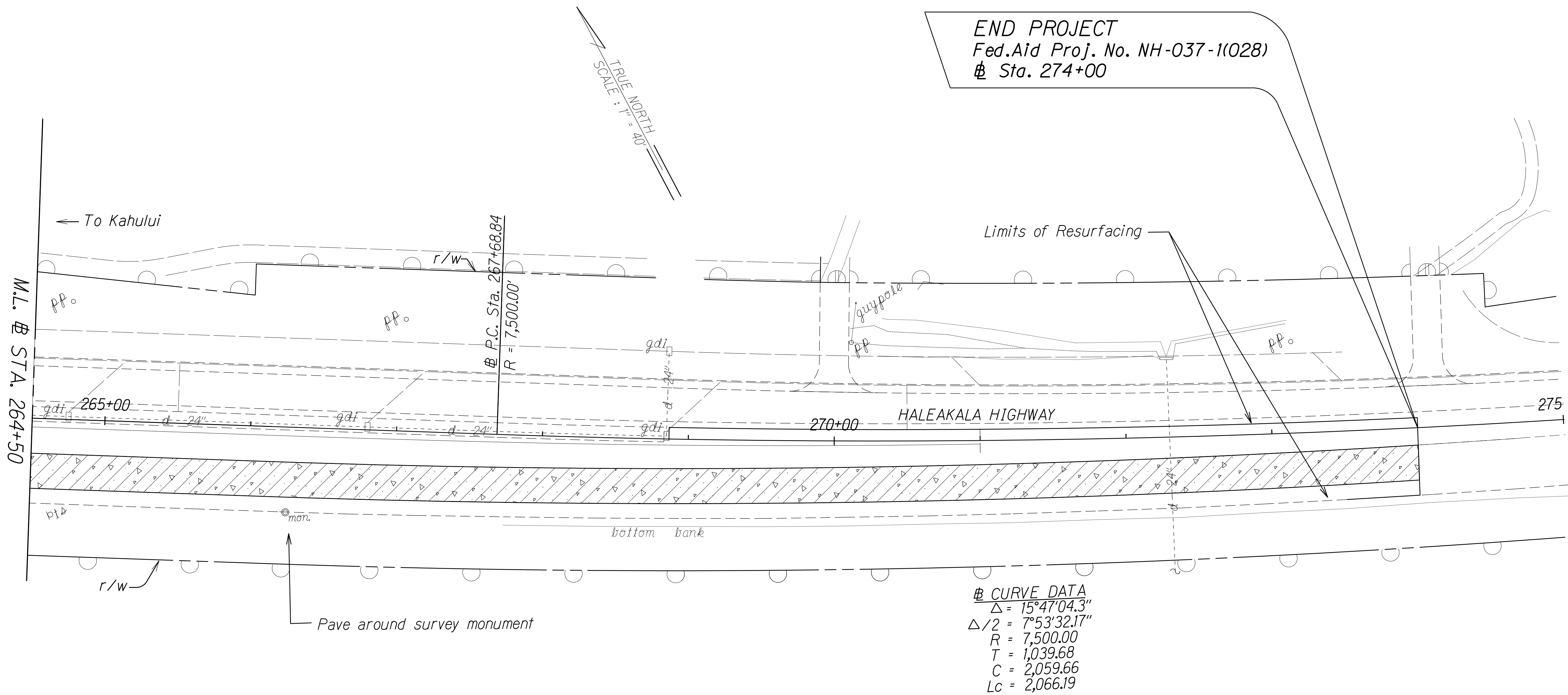
North Firebreak Road to Old Haleakala Highway

Fed. Aid Proj. No. NH-037-1(028)

Scale: 1" = 40' Date: June, 2022

SHEET No. 11 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-037-1(028)	2022	20	42



CURVE DATA
 $\Delta = 15^\circ 47' 04.3''$
 $\Delta/2 = 7^\circ 53' 32.17''$
 $R = 7,500.00$
 $T = 1,039.68$
 $C = 2,059.66$
 $Lc = 2,066.19$

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

HALEAKALA HIGHWAY RECONSTRUCTION

North Firebreak Road to Old Haleakala Highway

Fed. Aid Proj. No. NH-037-1(028)

Scale: 1" = 40' Date: June, 2022

SHEET No. 12 OF 12 SHEETS