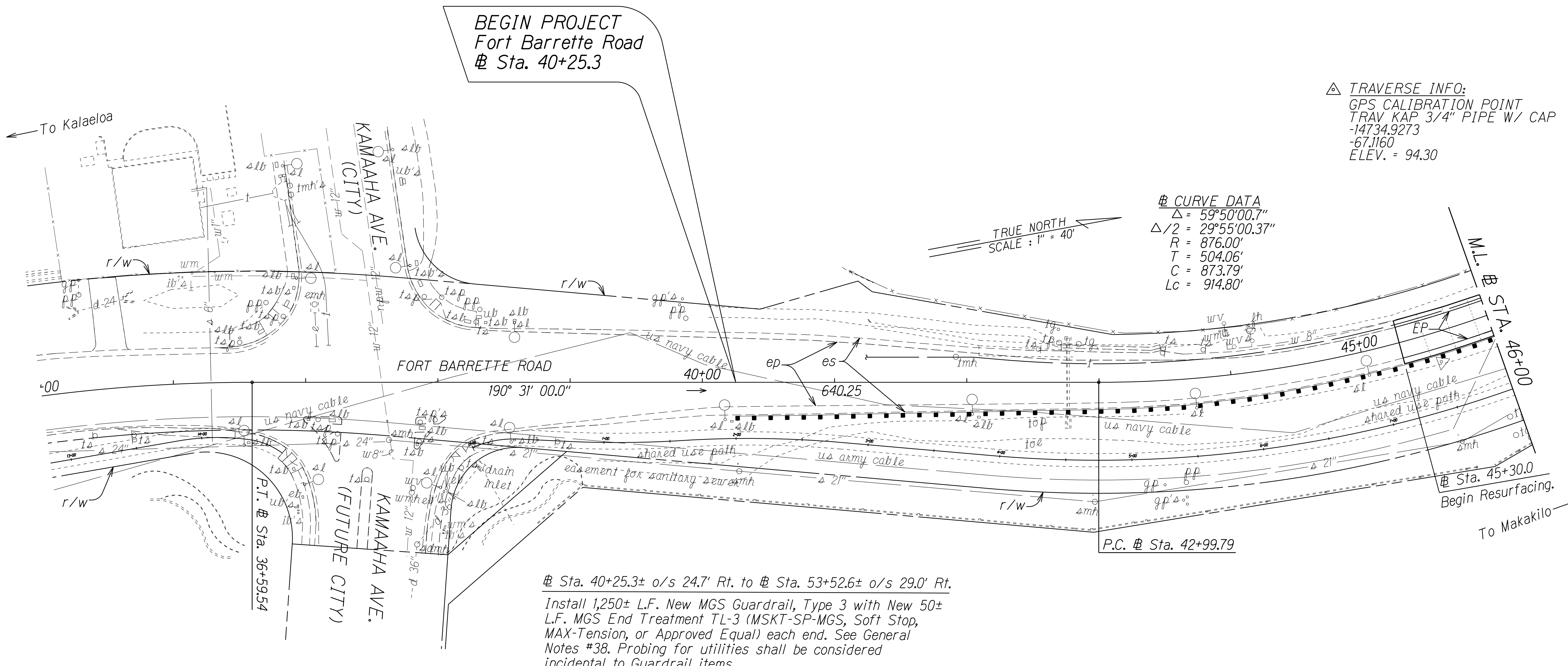


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	901A-01-22	2022	15	33



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 PLANS

FORT BARRETTE ROAD IMPROVEMENTS
VICINITY OF KAMAHA AVENUE TO VICINITY OF FARRINGTON HIGHWAY

PROJECT NO. 901A-01-22

Scale: 1" = 40.0' Date: April, 2022

SHEET No. 1 OF 3 SHEETS

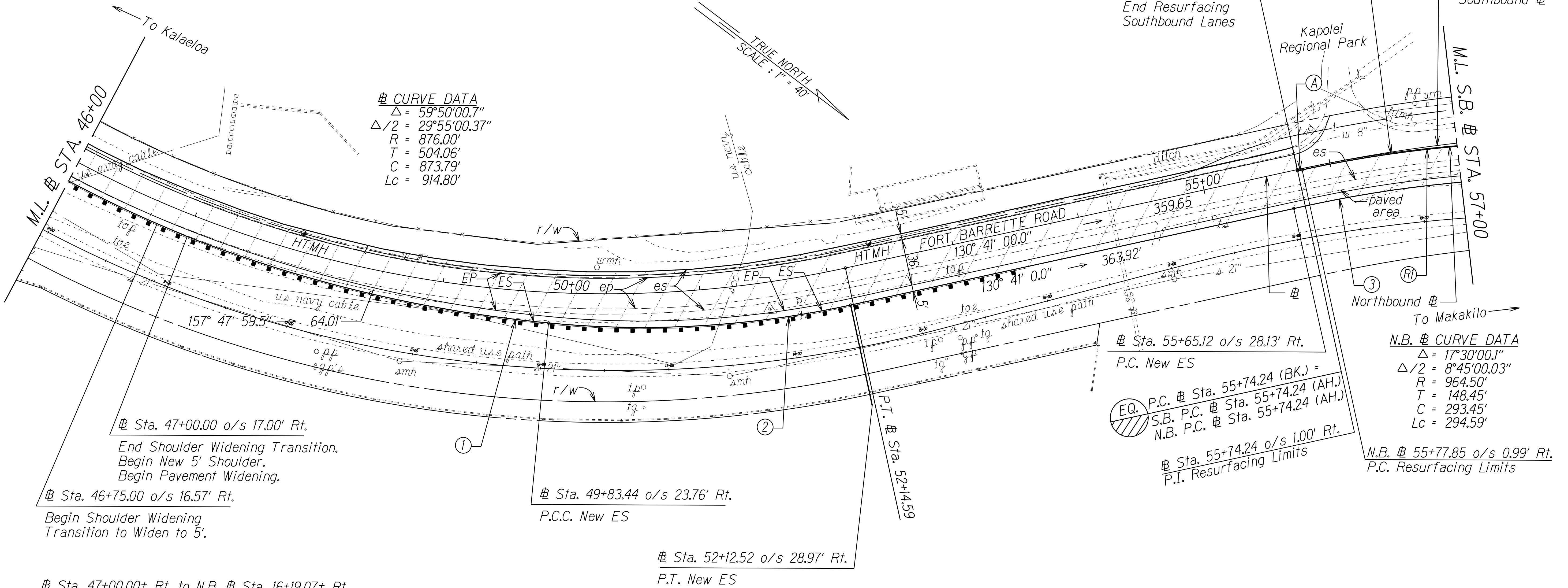
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	901A-01-22	2022	16	33

CURVE DATA FOR NEW ES			
	①	②	③
Δ	15°53'18.8"	17°46'6.9"	15°05'22.5"
$\Delta/2$	7°56'39.4"	8°53'03.5"	7°32'41.3"
R	1,045.00'	762.00'	945.00'
T	145.83'	119.11'	125.16'
C	288.86'	235.37'	248.16'
Lc	289.79'	236.31'	248.88'
S.E.	0.08 ft/ft	0.08 ft/ft	0.08 ft/ft

CURVE DATA FOR RESURFACING LIMITS	
	Ⓜ
Δ	12° 23' 27.00"
$\Delta/2$	6° 11' 43.50"
R	961.00'
T	104.32'
C	207.42'
Lc	207.83'
Azimuth Ⓐ	130° 41' 00.00" → 3.605'

S.B. # CURVE DATA
 $\Delta = 13^{\circ}23'22.0''$
 $\Delta/2 = 6^{\circ}41'41.0''$
 $R = 1,264.71'$
 $T = 148.45'$
 $C = 294.88'$
 $Lc = 295.55'$

Resurfacing Limits to Match Previous Resurfacing Limits. Limits follow the existing ϕ /median striping. See Table for Curve Data. See Detail C on Sht. No. A3.



△ TRAVERSE INFO:
GPS CALIBRATION POINT
TRAV FORT B-1 3/4" PIPE W/ CAP
-14196.4538
-328.3468
ELEV. = 98.94

Note:
For details of widening work, see Typical Sections, Profile, Superelevation and Shoulder Cross Slope Plans, and Cross Sections.

STATE OF HAWAII
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ROADWAY PLANS

FORT BARRETTE ROAD IMPROVEMENTS
VICINITY OF KAMAAHA AVENUE TO VICINITY OF FARRINGTON HIGHWAY

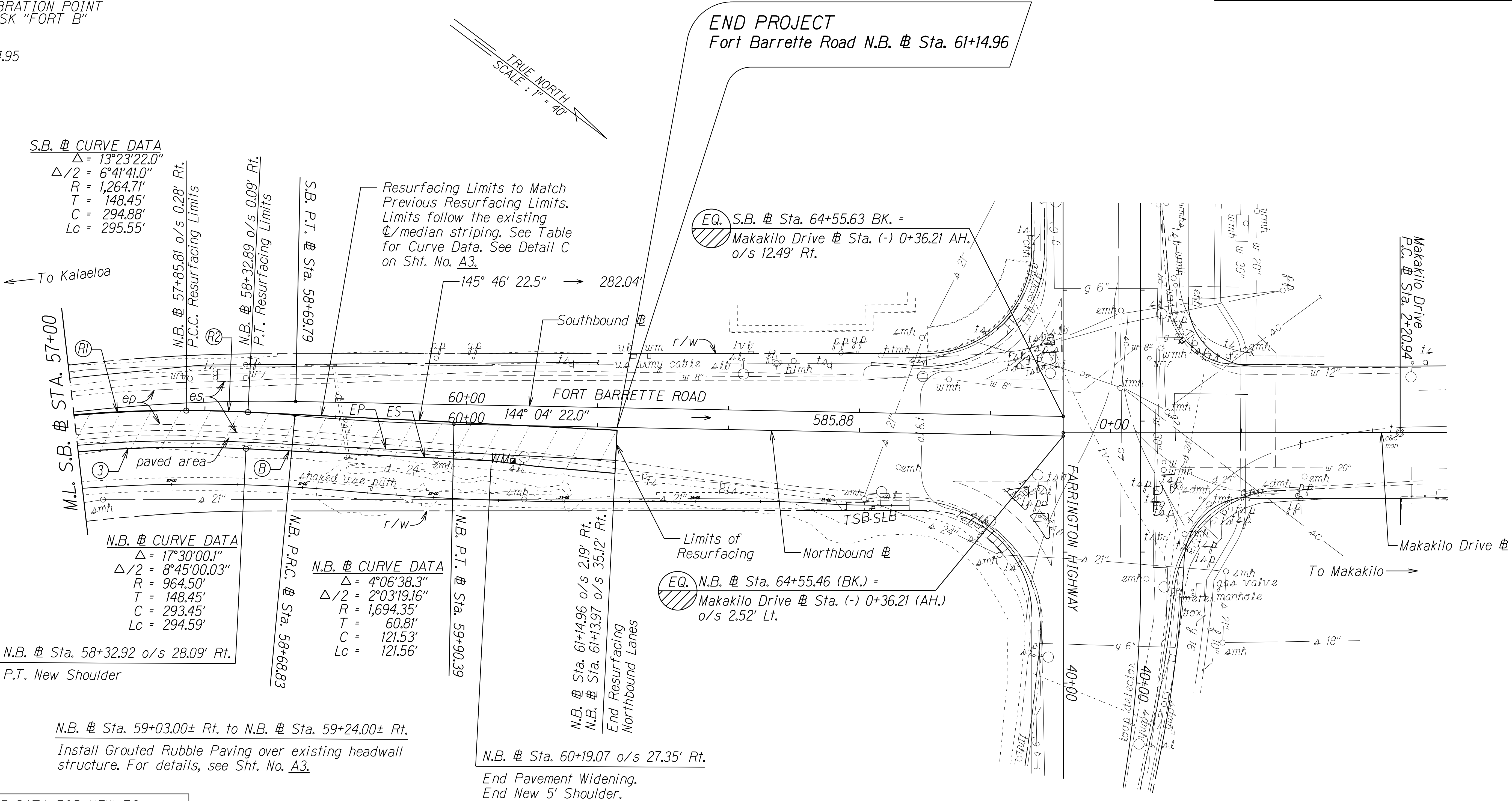
PROJECT NO. 901A-01-22

Scale: 1" = 40.0' Date: April, 2022

SHEET No. 2 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	901A-01-22	2022	17	33

△ TRAVERSE INFO:
GPS CALIBRATION POINT
BRASS DISK "FORT B"
-13210.9293
-1133.6612
ELEV. = 114.95



N.B. Sta. 59+03.00± Rt. to N.B. Sta. 59+24.00± Rt.
Install Grouted Rubble Paving over existing headwall structure. For details, see Sht. No. A3.

N.B. Sta. 60+19.07 o/s 27.35' Rt.
End Pavement Widening.
End New 5' Shoulder.

CURVE DATA FOR NEW ES	
	③
Δ	15°05'22.5"
Δ/2	7°32'41.3"
R	945.00'
T	125.16'
C	248.16'
Lc	248.88'
S.E.	0.08 ft/ft
Azimuth ⑥	145° 46' 22.5" → 187.04'

CURVE DATA FOR RESURFACING LIMITS		
	①	②
Δ	12° 23' 27.00"	2° 41' 55.50"
Δ/2	6° 11' 43.50"	1° 20' 57.75"
R	961.00'	999.00'
T	104.32'	23.53'
C	207.42'	47.05'
Lc	207.83'	47.06'

Note:
For details of widening work, see Typical Sections, Profile, Superelevation and Shoulder Cross Slope Plans, and Cross Sections.

Resurfacing Limits (hatched for clarity)

STATE OF HAWAII
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ROADWAY PLANS

FORT BARRETTE ROAD IMPROVEMENTS
VICINITY OF KAMAHAH AVENUE TO VICINITY OF FARRINGTON HIGHWAY

PROJECT NO. 901A-01-22

Scale: 1" = 40.0' Date: April, 2022