

Preserve and reinstall existing C&C monument after resurfacing. For details, see Standard Plan D-08.

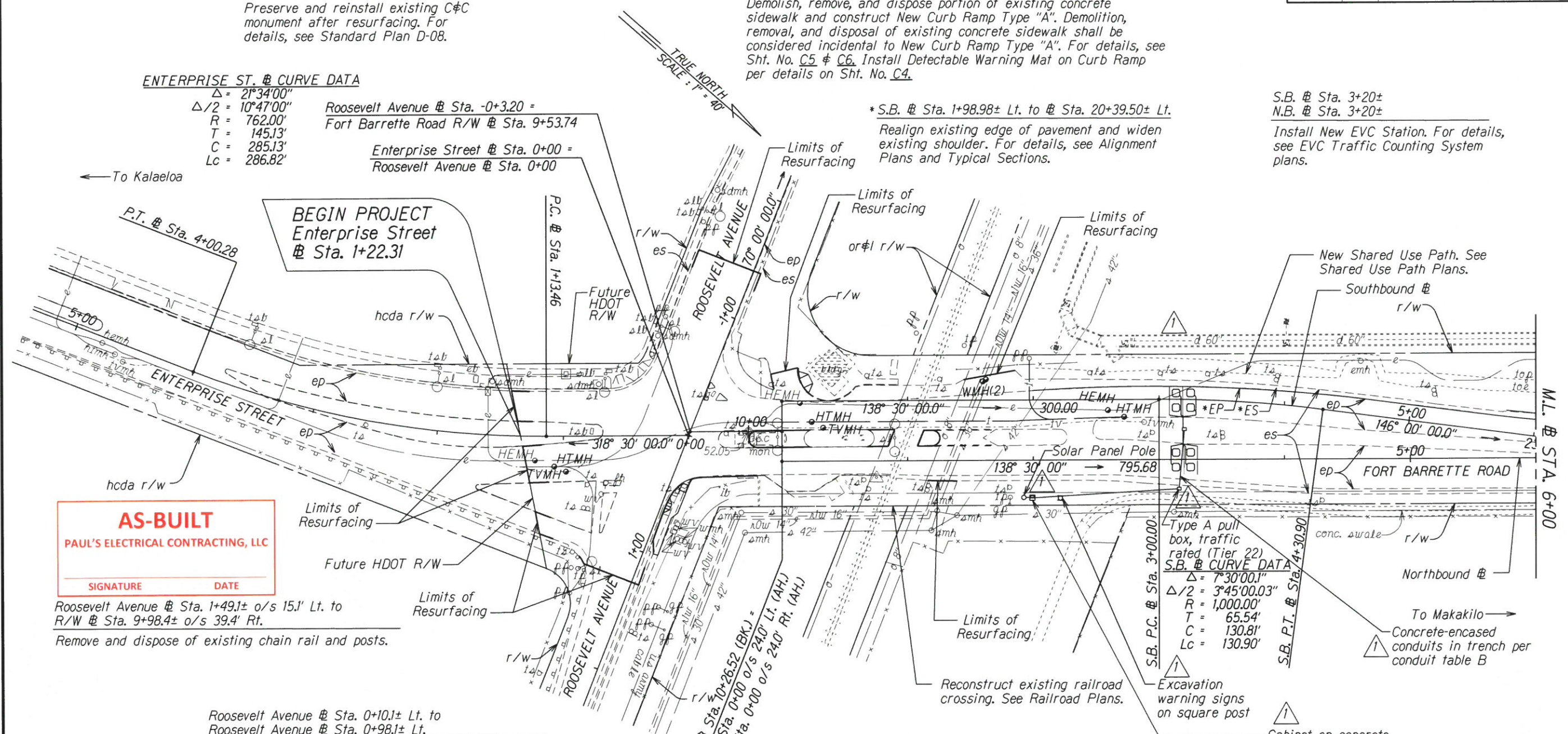
$$\begin{aligned}\Delta &= 21^{\circ}34'00'' \\ \Delta/2 &= 10^{\circ}47'00'' \\ R &= 762.00' \\ T &= 145.13' \\ C &= 285.13' \\ LC &= 286.82'\end{aligned}$$

Enterprise Street @ Sta. 0+00 =  
Roosevelt Avenue @ Sta. 0+00

Demolish, remove, and dispose portion of existing concrete sidewalk and construct New Curb Ramp Type "A". Demolition, removal, and disposal of existing concrete sidewalk shall be considered incidental to New Curb Ramp Type "A". For details, see Sht. No. C5 & C6. Install Detectable Warning Mat on Curb Ramp per details on Sht. No. C4.

Realign existing edge of pavement and widen existing shoulder. For details, see Alignment Plans and Typical Sections.

*Install New EVC Station. For details, see EVC Traffic Counting System plans.*



*Remove and dispose of existing chain rail and posts.*

*Demolish, remove, and dispose existing concrete sidewalk, curb, and curb ramps. Construct New Concrete Sidewalk, New Type 2D Curb, and New Curb Ramps Type "A" and Type "D". Demolition, removal, and disposal of existing concrete sidewalk, curbs, and curb ramps shall be considered incidental to New Concrete Sidewalk, New Type 2D Curb, and New Curb Ramps Type "A" and Type "D", respectively. For details, see Sht. No. C5, C6, and Standard Plan D-05 and D-15. Install Detectable Warning Mats on each Curb Ramp per details on Sht. No. C4.*

Demolish existing curbing and concrete median. Install New Type 2D Curbing. Demolition and disposal of existing curbing and concrete median shall be considered incidental to New Type 2D Curbing. For details, see Sheet No. C7 and Standard Plan D-05.

Install New Longitudinal Channelizing Curb System. See Sht. No. T4 & T11.

— Cabinet on concrete foundation with work pad, back of cabinet faces road, pad in front of cabinet door.

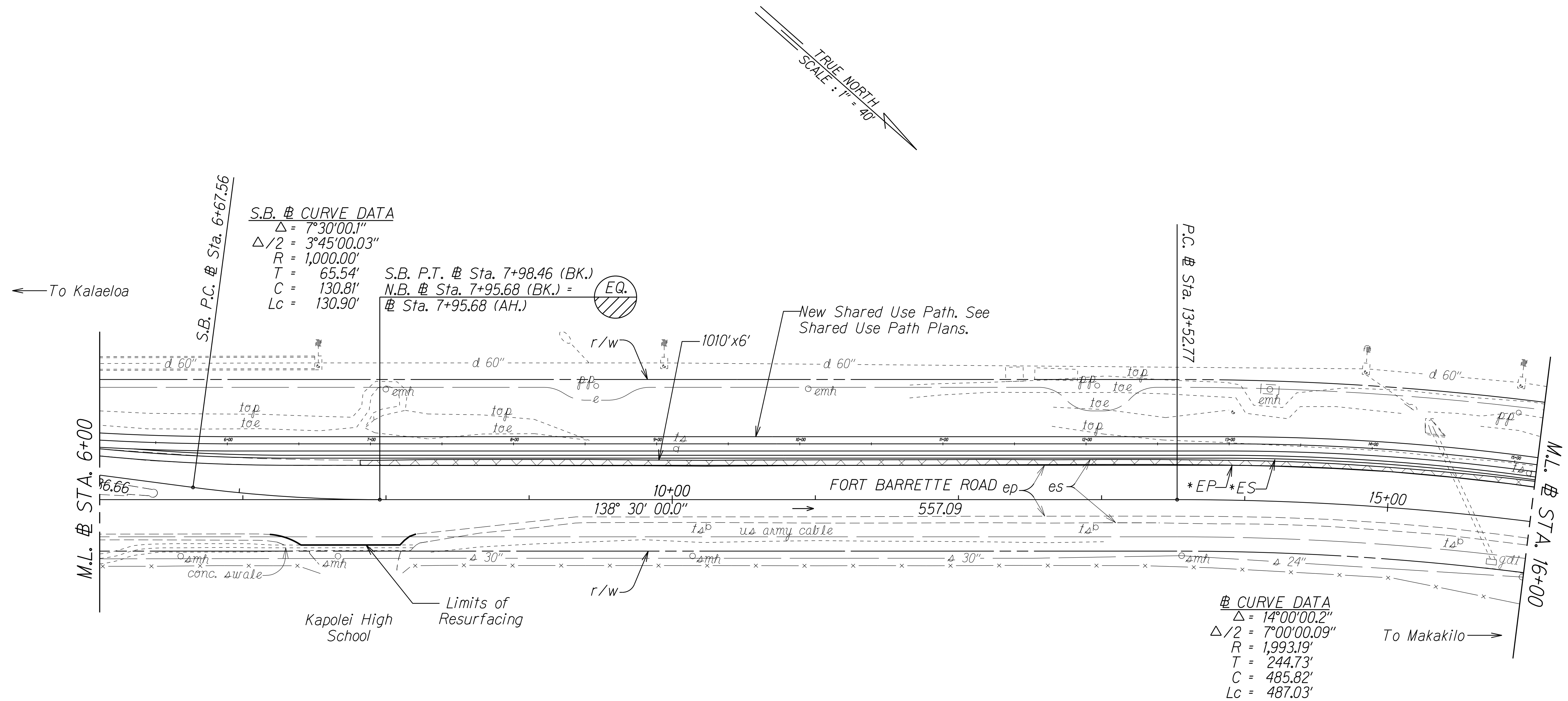
△ TRAVERSE INFO:  
GPS CALIBRATION POINT  
TRAV GATE 3/4" PIPE W/ CAP  
-18653.0330  
1498.2921  
ELEV. = 52.16

1. For relocation of traffic signs, see *Signing & Pavement Marking Plans*.
2. For Traffic Signal related work, see *Traffic Signal Plans*.
3. For New Railroad Gate Posts, Warning Light, and Crossing Plans, see *Railroad Plans*.

|   |         |                                                 |
|---|---------|-------------------------------------------------|
| 1 | 1/27/22 | Revised EVC Work at Sta. 3+20±<br>(N.B. & S.B.) |
|   | DATE    | REVISION                                        |

|                                                                      |
|----------------------------------------------------------------------|
| STATE OF HAWAII<br>DEPARTMENT OF TRANSPORTATION<br>HIGHWAYS DIVISION |
| <u>ROADWAY PLANS</u>                                                 |
| <u>FORT BARRETTE ROAD OPERATIONAL IMPROVEMENTS</u>                   |
| <u>Roosevelt Avenue to Farrington Highway</u>                        |
| <u>Project No. 901A-01-19</u>                                        |
| Scale: 1" = 40.0'      Date: January, 2020                           |
| SHEET No. 1 OF 6 SHEETS                                              |

| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 901A-01-19 | 2020        | 35        | 167          |



S.B. # CURVE DATA

$\Delta = 7^{\circ}30'00.1''$   
 $\Delta/2 = 3^{\circ}45'00.03''$   
 $R = 1,000.00'$   
 $T = 65.54'$   
 $C = 130.81'$   
 $Lc = 130.90'$

S.B. P.T. # Sta. 7+98.46 (BK.)  
N.B. # Sta. 7+95.68 (BK.) =  
# Sta. 7+95.68 (AH.)



# CURVE DATA

$\Delta = 14^{\circ}00'00.2''$   
 $\Delta/2 = 7^{\circ}00'00.09''$   
 $R = 1,993.19'$   
 $T = 244.73'$   
 $C = 485.82'$   
 $Lc = 487.03'$

Notes:

1. For relocation of traffic signs, see Signing & Pavement Marking Plans.
- \* 2. For new alignment of New EP, ES, and Paved Area Beyond Shoulder, see Alignment Plans.

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

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

ROADWAY PLANS

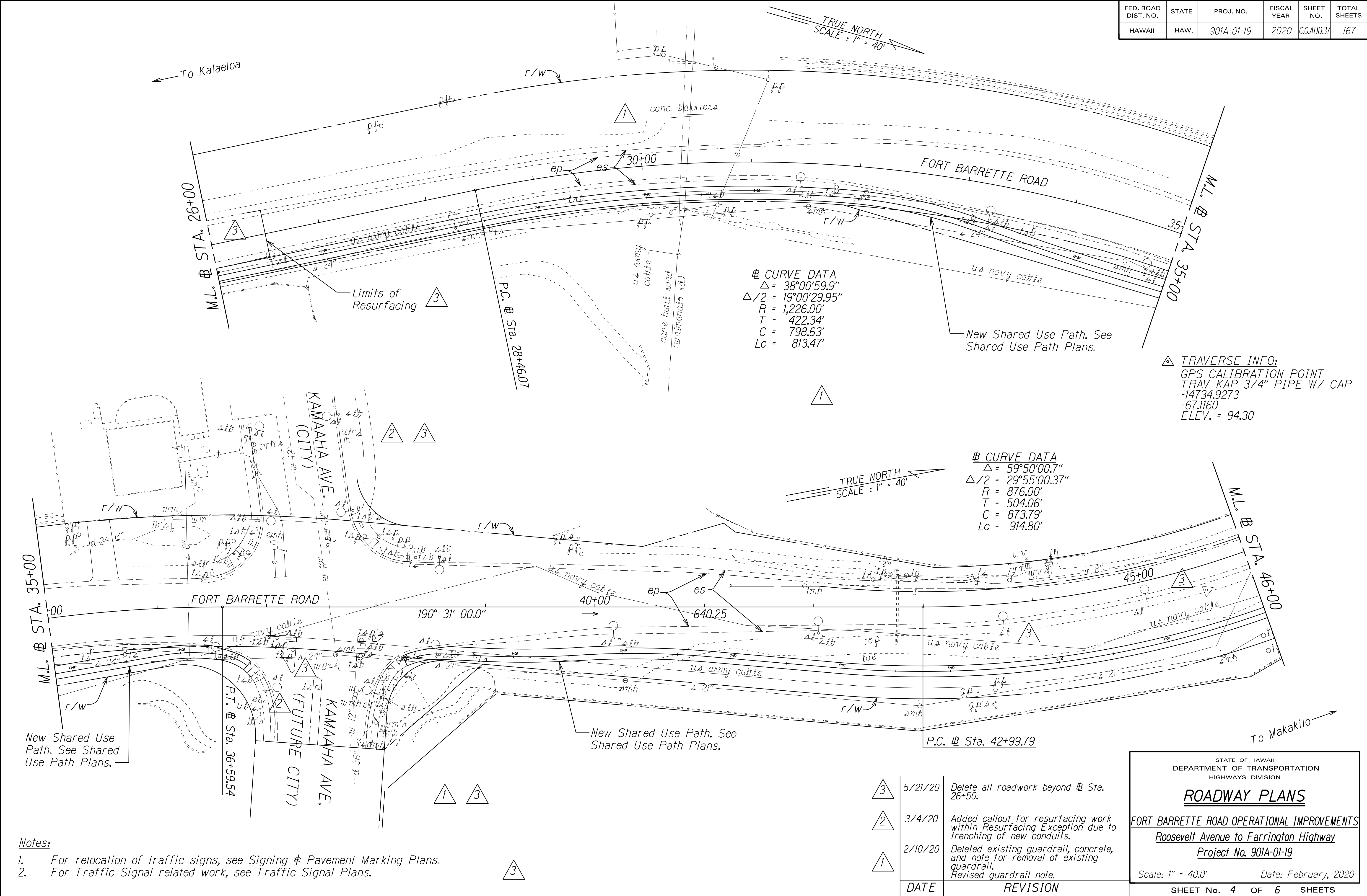
FORT BARRETTE ROAD OPERATIONAL IMPROVEMENTS  
Roosevelt Avenue to Farrington Highway  
Project No. 901A-01-19

Scale: 1" = 40.0'      Date: January, 2020

SHEET No. 2 OF 6 SHEETS



| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO.  | TOTAL SHEETS |
|---------------------|-------|------------|-------------|------------|--------------|
| HAWAII              | HAW.  | 901A-01-19 | 2020        | C.O.ADD.37 | 167          |



|                   |       |
|-------------------|-------|
| DATE              | _____ |
| SURVEY PLOTTED BY | _____ |
| DRAWN BY          | _____ |
| DESIGNED BY       | _____ |
| CHECKED BY        | _____ |
| ORIGINAL PLAN     | _____ |
| NOTE BOOK         | _____ |
| No.               | _____ |

|      |          |                                                                                                           |
|------|----------|-----------------------------------------------------------------------------------------------------------|
| 3    | 5/21/20  | Delete all roadwork beyond # Sta. 26+50.                                                                  |
| 2    | 3/4/20   | Added callout for resurfacing work within Resurfacing Exception due to trenching of new conduits.         |
| 1    | 2/10/20  | Deleted existing guardrail, concrete, and note for removal of existing guardrail. Revised guardrail note. |
| DATE | REVISION |                                                                                                           |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**ROADWAY PLANS**

FORT BARRETTE ROAD OPERATIONAL IMPROVEMENTS

Roosevelt Avenue to Farrington Highway

Project No. 901A-01-19

Scale: 1" = 40.0'      Date: February, 2020

SHEET No. 4 OF 6 SHEETS

| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 901A-01-19 | 2020        | C.O.38    | 167          |

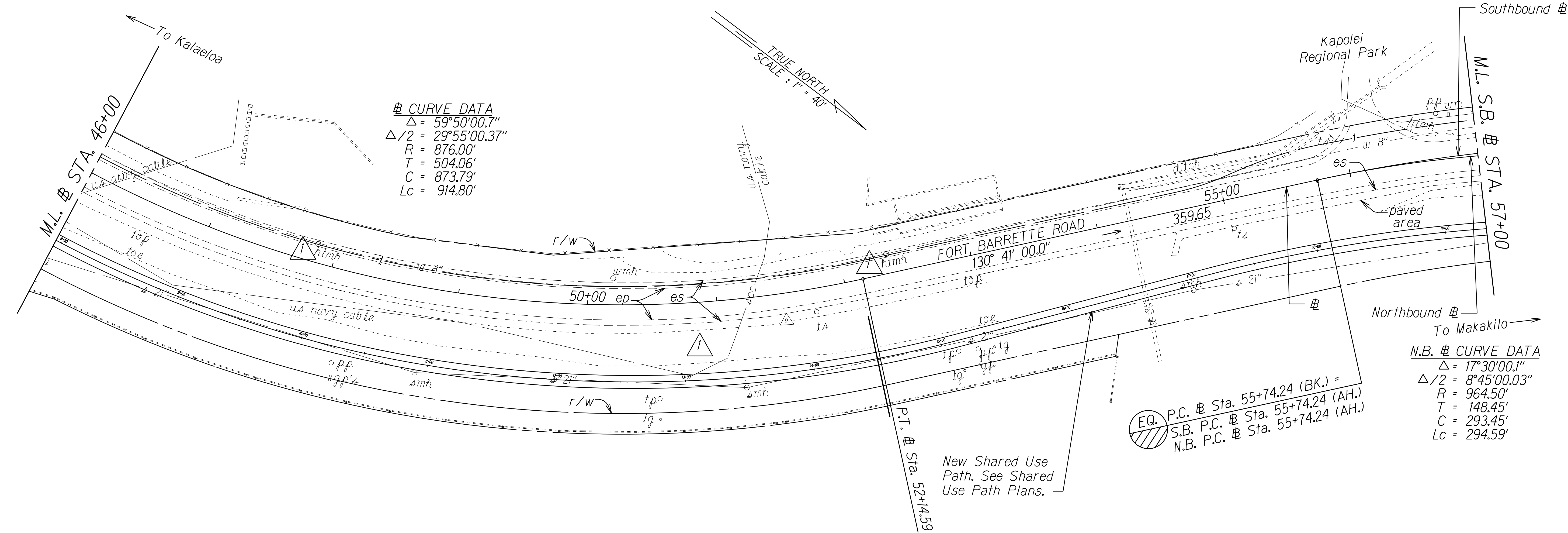
S.B. # CURVE DATA  
 $\Delta = 13^{\circ}23'22.0''$   
 $\Delta/2 = 6^{\circ}41'41.0''$   
 $R = 1,264.71'$   
 $T = 148.45'$   
 $C = 294.88'$   
 $Lc = 295.55'$

# CURVE DATA  
 $\Delta = 59^{\circ}50'00.7''$   
 $\Delta/2 = 29^{\circ}55'00.37''$   
 $R = 876.00'$   
 $T = 504.06'$   
 $C = 873.79'$   
 $Lc = 914.80'$

N.B. # CURVE DATA  
 $\Delta = 17^{\circ}30'00.1''$   
 $\Delta/2 = 8^{\circ}45'00.03''$   
 $R = 964.50'$   
 $T = 148.45'$   
 $C = 293.45'$   
 $Lc = 294.59'$

EQ. P.C. # Sta. 55+74.24 (BK.) =  
S.B. P.C. # Sta. 55+74.24 (AH.)  
N.B. P.C. # Sta. 55+74.24 (AH.)

New Shared Use Path. See Shared Use Path Plans.



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

- Notes:
- For relocation of traffic signs, see Signing and Pavement Marking Plans.

| 5/21/20 | Delete all roadwork beyond # Sta. 26+50. |
|---------|------------------------------------------|
| DATE    | REVISION                                 |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

ROADWAY PLANS

FORT BARRETTE ROAD OPERATIONAL IMPROVEMENTS

Roosevelt Avenue to Farrington Highway

Project No. 901A-01-19

Scale: 1" = 40.0'      Date: January, 2020

SHEET No. 5 OF 6 SHEETS

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

# AS-BUILT

## PAUL'S ELECTRICAL CONTRACTING, LLC



10/3/22

SIGNATURE

DATE

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

← To Kalaheo

M.L. S.B. STA. 57+00

N.B. CURVE DATA  
 $\Delta = 17^\circ 30' 00.1''$   
 $\Delta/2 = 8^\circ 45' 00.03''$   
 $R = 964.50'$   
 $T = 148.45'$   
 $C = 293.45'$   
 $Lc = 294.59'$

N.B. CURVE DATA  
 $\Delta = 4^\circ 06' 38.3''$   
 $\Delta/2 = 2^\circ 03' 19.16''$   
 $R = 1,694.35'$   
 $T = 60.81'$   
 $C = 121.53'$   
 $Lc = 121.56'$

New Shared Use  
Path. See Shared  
Use Path Plans.

EQ. N.B. Sta. 64+55.46 (BK.) =  
Makakilo Drive Sta. (-) 0+36.21 (AH.)  
o/s 2.52' Lt.

N.B. Sta. 59+00± Rt. to Sta. 60+25± Rt.

Remove and dispose of existing concrete  
irrigation pipes including brick wall and  
other abandoned material. Hazardous  
materials may be present. Handling, removal,  
and disposal by a Certified Hazardous Waste  
Company shall be paid under Item No.  
209.0300 - Hazardous Materials Mitigation.  
See Grading Plan on Plan Sheet No. C.O.  
465-1 and Roadway Cross Sections on Plan  
Sheet No. C.O. ADD. 70 for grading after  
removal.

N.B. Sta. 62+86.90± Rt. to N.B. Sta. 63+38.77± Rt.

Demolish, remove, and dispose existing curb and gutter.  
Construct New Concrete Sidewalk, Type 2DG Curb & Gutter,  
and Concrete Ramp. Demolition, removal, and disposal of  
existing curb and gutter shall be considered incidental to  
New Type 2DG Curb & Gutter. For details, see Sheet No. C5,  
C10, and Standard Plan D-05 and D-15.

Notes:

1. For relocation of traffic signs, see Signing & Pavement Marking Plans.

END PROJECT  
Fort Barrette Road N.B. Sta. 63+39.13

| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO.    | TOTAL SHEETS |
|---------------------|-------|------------|-------------|--------------|--------------|
| HAWAII              | HAW.  | 901A-01-19 | 2020        | C.O. ADD. 39 | 167          |

|             |      |
|-------------|------|
| DESIGNED BY | DATE |
| TRACED BY   |      |
| CHECKED BY  |      |
| DATE        |      |

# ASBUILT DRAWINGS

|   |         |                                        |
|---|---------|----------------------------------------|
| 3 | 2/22/22 | Revised note.                          |
| 2 | 5/21/20 | Delete all roadwork beyond Sta. 26+50. |
| 1 | 3/19/20 | Added note.                            |

| DATE                                                                                                            | REVISION            |
|-----------------------------------------------------------------------------------------------------------------|---------------------|
| STATE OF HAWAII<br>DEPARTMENT OF TRANSPORTATION<br>HIGHWAYS DIVISION                                            |                     |
| ROADWAY PLANS                                                                                                   |                     |
| FORT BARRETTE ROAD OPERATIONAL IMPROVEMENTS<br>Roosevelt Avenue to Farrington Highway<br>Project No. 901A-01-19 |                     |
| Scale: 1" = 40.0'                                                                                               | Date: January, 2020 |

SHEET No. 6 OF 6 SHEETS

"AS-BUILT"

C.O. ADD. 39