

| FED. ROAD DIST. NO. | STATE | FEDERAL AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-----------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | ER-19(007)            | 2018        | 12        | 39           |

BENCHMARK  
STA. WAIOLI-4  
MAG NAIL  
ELEV.=6.58  
N 133355.33  
E 1637860.57

BENCHMARK  
STA. CP-5  
MON SPIKE  
ELEV.=7.05  
N 133326.72  
E 1637877.95

STA CP-5 TO  
PC @ STA 0+00  
246° 50' 49"; 32.68'

BENCHMARK  
STA. WAIOLI-1  
MAG NAIL  
ELEV.=6.96  
N 133320.38  
E 1637890.47

STA WAIOLI-1 TO  
PC @ STA 0+00  
222° 24' 54"; 26.00'

| WAIOLI @ CURVE DATA |             |             |             |
|---------------------|-------------|-------------|-------------|
|                     | ①           | ②           | ③           |
| Δ                   | 13° 23' 47" | 17° 30' 10" | 12° 16' 29" |
| Δ/2                 | 6° 41' 53"  | 8° 45' 05"  | 6° 08' 15"  |
| R                   | 281.96'     | 187.50'     | 375.00'     |
| T                   | 33.11'      | 28.86'      | 40.32'      |
| C                   | 65.78'      | 57.05'      | 80.18'      |
| L <sub>c</sub>      | 65.93'      | 57.28'      | 80.34'      |

BEGIN PROJECT  
Project No. ER-19(007)  
WAIOLI @ Sta. 0+00  
N 133339.57  
E 1637908.00

BENCHMARK  
STA. WAIOLI-6  
MAG NAIL  
ELEV.=8.12  
N 133492.58  
E 1638215.77

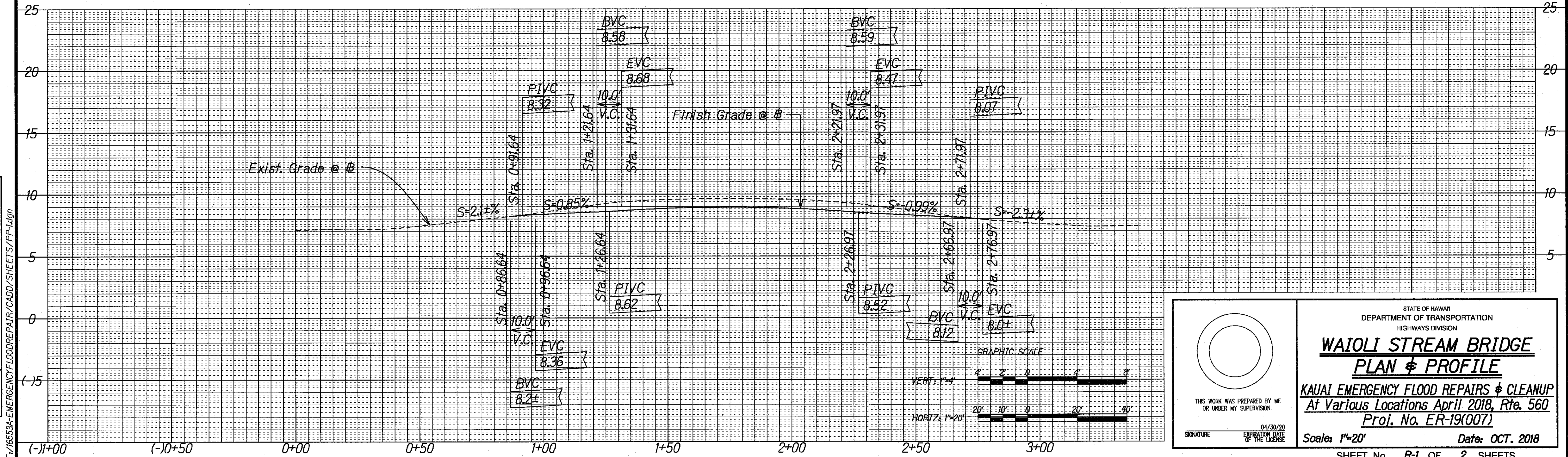
BENCHMARK  
STA. CP-7  
MAG NAIL  
ELEV.=8.19  
N 133498.22  
E 1638226.27

STA CP-7 TO  
@ STA 3+39.72  
31° 04' 22"; 24.36'

STA WAIOLI-7 TO  
@ STA 3+39.72  
88° 30' 06"; 72.38'

BENCHMARK  
STA. WAIOLI-7  
MAG NAIL  
ELEV.=8.26  
N 133478.83  
E 1638286.06

END PROJECT  
Project No. ER-19(007)  
WAIOLI @ Sta. 3+39.72  
N 133477.36  
E 1638213.70



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**WAIOLI STREAM BRIDGE**  
**PLAN & PROFILE**

**KAUAI EMERGENCY FLOOD REPAIRS & CLEANUP**  
**At Various Locations April 2018, Rte. 560**  
**Proj. No. ER-19(007)**

Scale: 1"=20'  
Date: OCT. 2018

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

SIGNATURE: \_\_\_\_\_ EXPIRATION DATE OF THE LICENSE: 04/30/20

SHEET No. R-1 OF 2 SHEETS

|               |      |
|---------------|------|
| ORIGINAL PLAN | DATE |
| DESIGNED BY   |      |
| NOTED BY      |      |
| CHECKED BY    |      |
| DATE          |      |

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