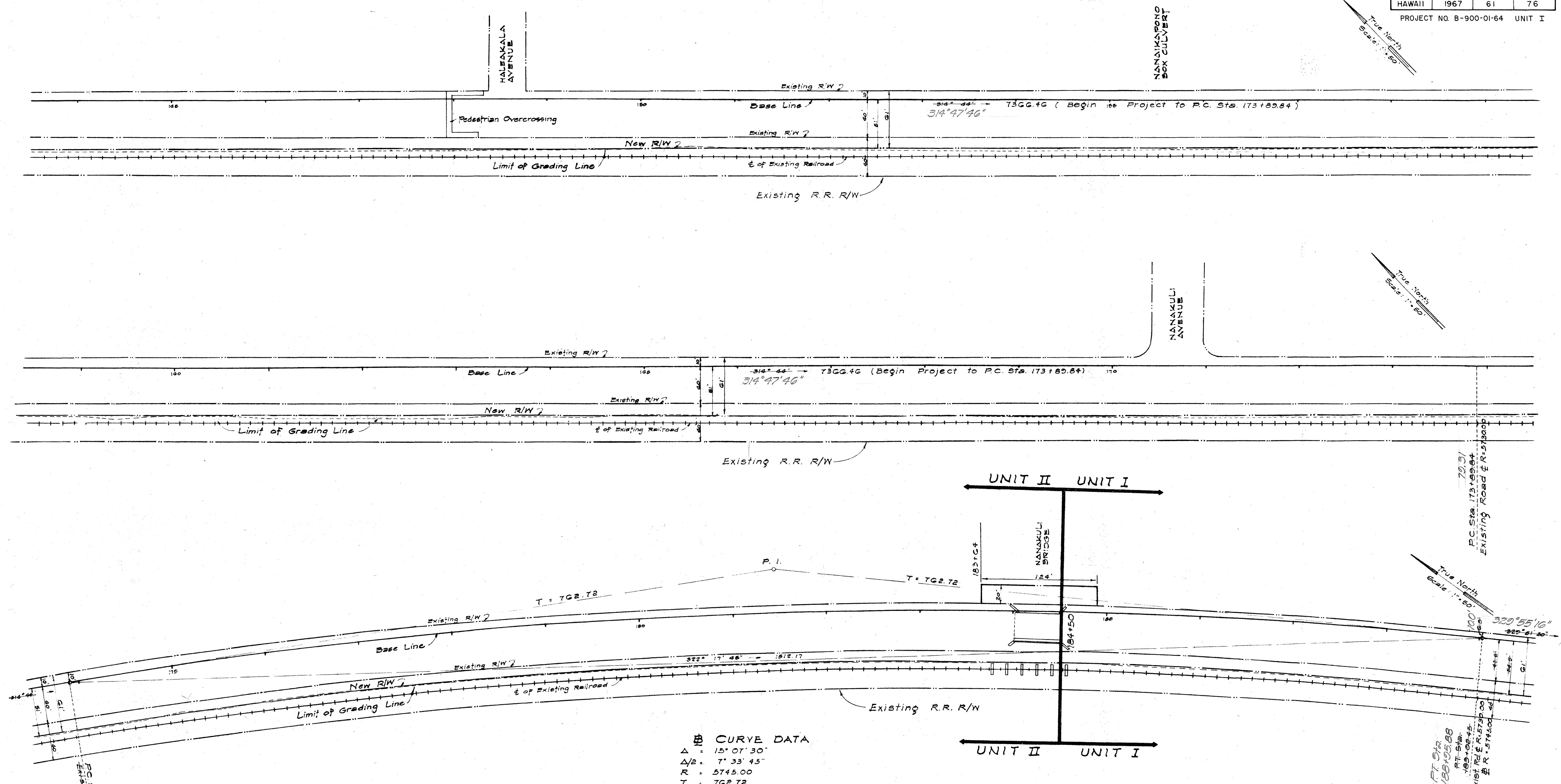


| STATE  | FISCAL YEAR | SHEET NO. | TOTAL SHTS. |
|--------|-------------|-----------|-------------|
| HAWAII | 1967        | 61        | 76          |

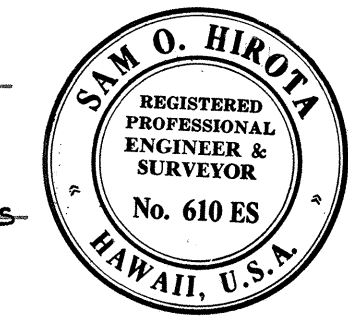
PROJECT NO. B-900-01-64 UNIT I



**UNIT I CURVE DATA**  
 $\Delta = 15^\circ 07' 30''$   
 $\Delta/2 = 7^\circ 33' 45''$   
 $R = 5745.00$   
 $T = 762.72$   
 $L_c = 1516.57$   
 $Ch = 1512.17$

**EXISTING ROAD CURVE DATA**  
 $\Delta = 15^\circ 07' 30''$   
 $\Delta/2 = 7^\circ 33' 45''$   
 $R = 5730.00$   
 $T = 760.73$   
 $L_c = 1512.60$   
 $Ch = 1508.22$

**NOTE:**  
 Base Line Stationing is based on Distance along Existing Road &  
 Base Line azimuths adopted from plans of Waianae Road (FAP No. 4A)



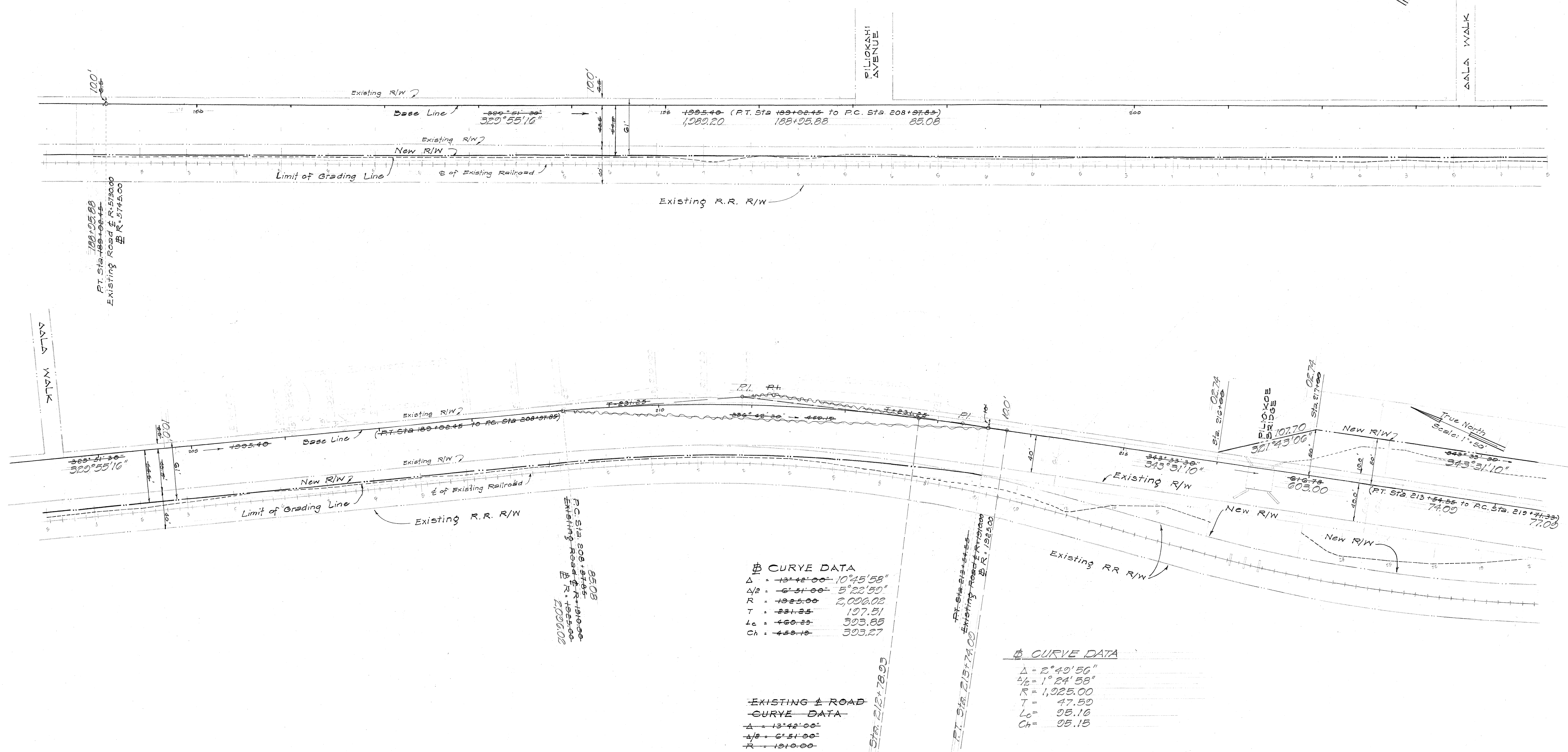
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.  
 Sam O. Hirota, P.E.

SAM O. HIROTA, P. E. - CIVIL ENGINEERS & SURVEYORS  
 547 HALEKAUWILA ST. • ROOM 204 • HONOLULU, HAWAII 96813

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION  
**PROPOSED RIGHT OF WAY  
 FARRINGTON HIGHWAY**  
 FARRINGTON HIGHWAY WIDENING  
 PROJECT B-900-01-64  
 UNIT I  
 SCALE: 1" = 60'

SHEET No. 1 OF 3 SHEETS

61



**§ CURVE DATA**

|            |                     |                     |
|------------|---------------------|---------------------|
| $\Delta$   | $13^{\circ}42'00''$ | $10^{\circ}45'58''$ |
| $\Delta/2$ | $6^{\circ}51'00''$  | $5^{\circ}22'59''$  |
| $R$        | $1985.00$           | $2,000.02$          |
| $T$        | $221.25$            | $197.51$            |
| $L_c$      | $460.25$            | $393.85$            |
| $Ch$       | $459.19$            | $393.27$            |

**§ CURVE DATA**

|            |                    |
|------------|--------------------|
| $\Delta$   | $2^{\circ}40'56''$ |
| $\Delta/2$ | $1^{\circ}20'28''$ |
| $R$        | $1,925.00$         |
| $T$        | $47.50$            |
| $L_c$      | $95.16$            |
| $Ch$       | $95.15$            |

**EXISTING & ROAD CURVE DATA**

|            |                     |
|------------|---------------------|
| $\Delta$   | $13^{\circ}42'00''$ |
| $\Delta/2$ | $6^{\circ}51'00''$  |
| $R$        | $1910.00$           |
| $T$        | $220.44$            |
| $L_c$      | $456.70$            |
| $Ch$       | $455.61$            |

**NOTE:**  
 Base Line Stationing is based on Distance along Existing Road &  
 Base Line Azimuths adopted from plans of Waianae Road (FAP No. 4A)

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

**PROPOSED RIGHT OF WAY  
 FARRINGTON HIGHWAY**

FARRINGTON HIGHWAY WIDENING  
 PROJECT B-900-01-64  
 UNIT I

SCALE 1" = 50'

**SHEET No. 2 OF 3 SHEETS**

| STATE  | FISCAL YEAR | SHEET NO. | TOTAL SHTS. |
|--------|-------------|-----------|-------------|
| HAWAII | 1967        | 63        | 76          |

PROJECT NO. B-900-01-64 UNIT I

