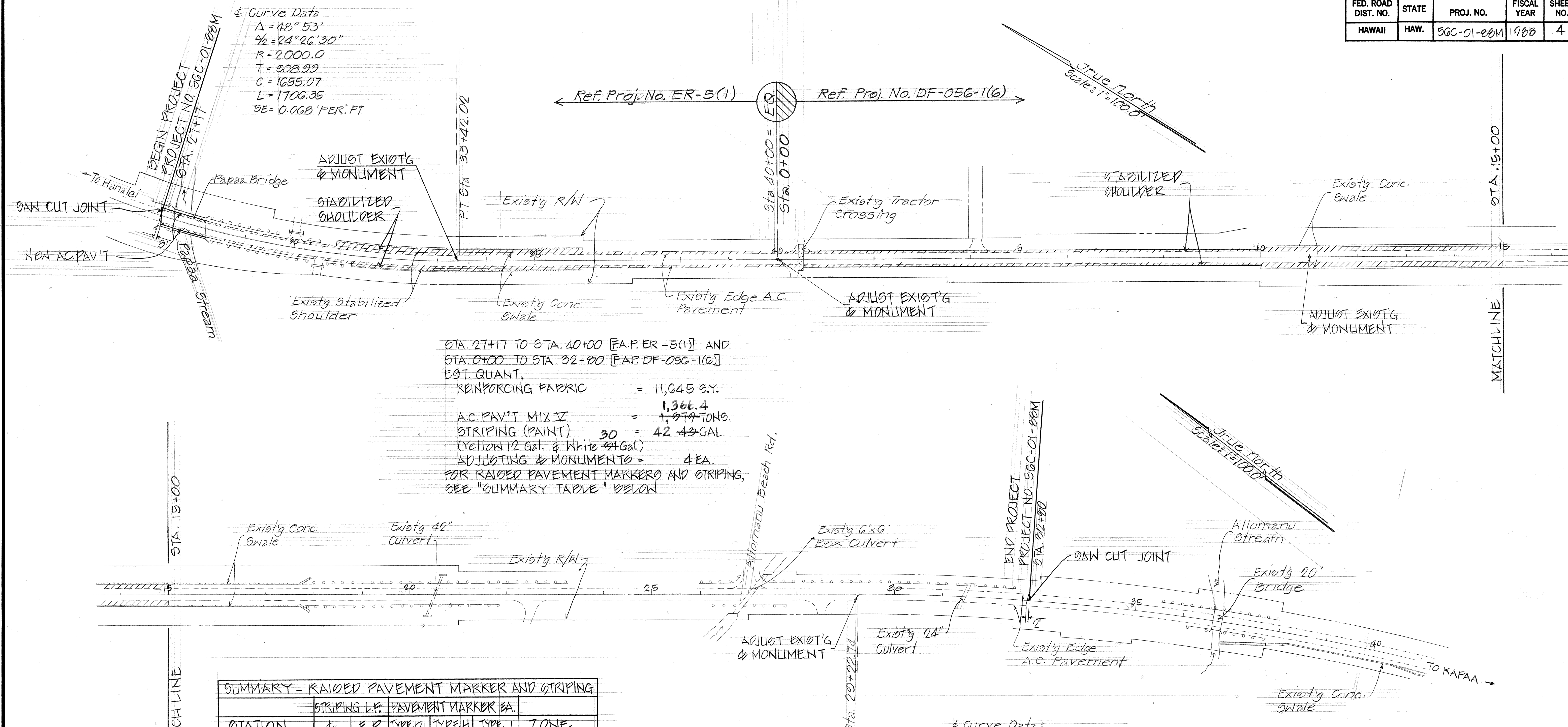


| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 5GC-01-00M | 1988        | 4         | 4            |



Curve Data  
 $\Delta = 48^\circ 53'$   
 $\frac{1}{2} = 24^\circ 26' 30''$   
 $R = 2000.0$   
 $T = 208.99$   
 $C = 1655.07$   
 $L = 1706.35$   
 $SE = 0.068 \text{ PER FT.}$

STA. 27+17 TO STA. 40+00 [F.A.P. ER-5(1)] AND  
 STA. 0+00 TO STA. 32+00 [F.A.P. DF-056-1(6)]  
 EST. QUANT.  
 REINFORCING FABRIC = 11,645 S.Y.  
 $\frac{1,366.4}{1.979 \text{ TONS.}}$   
 A.C. PAV'T MIX II =  
 STRIPING (PAINT) 30 = 42 GAL.  
 (Yellow 12 Gal. & White 4 Gal.)  
 ADJUSTING & MONUMENTS = 4 EA.  
 FOR RAISED PAVEMENT MARKERS AND STRIPING,  
 SEE 'SUMMARY TABLE' BELOW

Curve Data:  
 $\Delta = 21^\circ 33'$   
 $\frac{1}{2} = 12^\circ 16' 30''$   
 $R = 5000.0'$   
 $T = 1087.89$   
 $L = 2142.39$   
 $C = 2126.04$   
 $SE = 0.027 \text{ PER FT.}$

| SUMMARY - RAISED PAVEMENT MARKER AND STRIPING |               |      |        |        |        |              |
|-----------------------------------------------|---------------|------|--------|--------|--------|--------------|
| STATION                                       | STRIPING L.F. | E.P. | TYPE D | TYPE H | TYPE J | ZONE         |
| 27+17 TO 30+00                                | 116.7         | 2326 | 5958   |        |        | No Pass      |
| 30+00 TO 31+20                                | 40            | 80   | 1      | 1      | 4      | Pass/No Pass |
| 31+20 TO 40+00                                |               |      | 61     |        |        |              |
| 40+00 TO 24+00                                |               | 4100 | 62     |        | 244    | Pass         |
| 24+00 TO 26+00                                | 200           | 400  | 4-5    | 5      | 20     | Pass/No Pass |
| 26+00 TO 26+80                                | 80            | 160  | 4-5    |        |        | No Pass      |
| 26+80 TO 27+20                                |               | 40   | 1      |        |        | *            |
| 27+20 TO 29+80                                | 260           | 520  | 1413   |        |        | No Pass      |
| 29+80 TO 32+00                                | 300           | 600  | 7-8    | 8-7    | 20     | Pass/No Pass |
| TOTAL                                         | 204.7         | 9026 | 155    | 14+3   | 296    |              |

\* 40' Opening Aliomanu Beach Rd.  
 PAVEMENT MARKING NOTE:  
 Location of new pavement markings, including stop bars at County Road approaches shall be staked out in the field by the Contractor for approval by the Engineer prior to installation

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

PLAN AND ESTIMATED QUANTITIES  
  
KUHIO HIGHWAY RESURFACING  
PAPAA BRIDGE TO ALIOMANU  
PROJECT NO. 5GC-01-00M  
SCALE AS SHOWN JULY 1987  
SHEET NO. 1 OF 1 SHEETS

|                   |      |
|-------------------|------|
| SURVEY PLOTTED BY | DATE |
| DRAWN BY          |      |
| TRACED BY         |      |
| CHECKED BY        |      |
| NOTED BY          |      |
| NO.               |      |