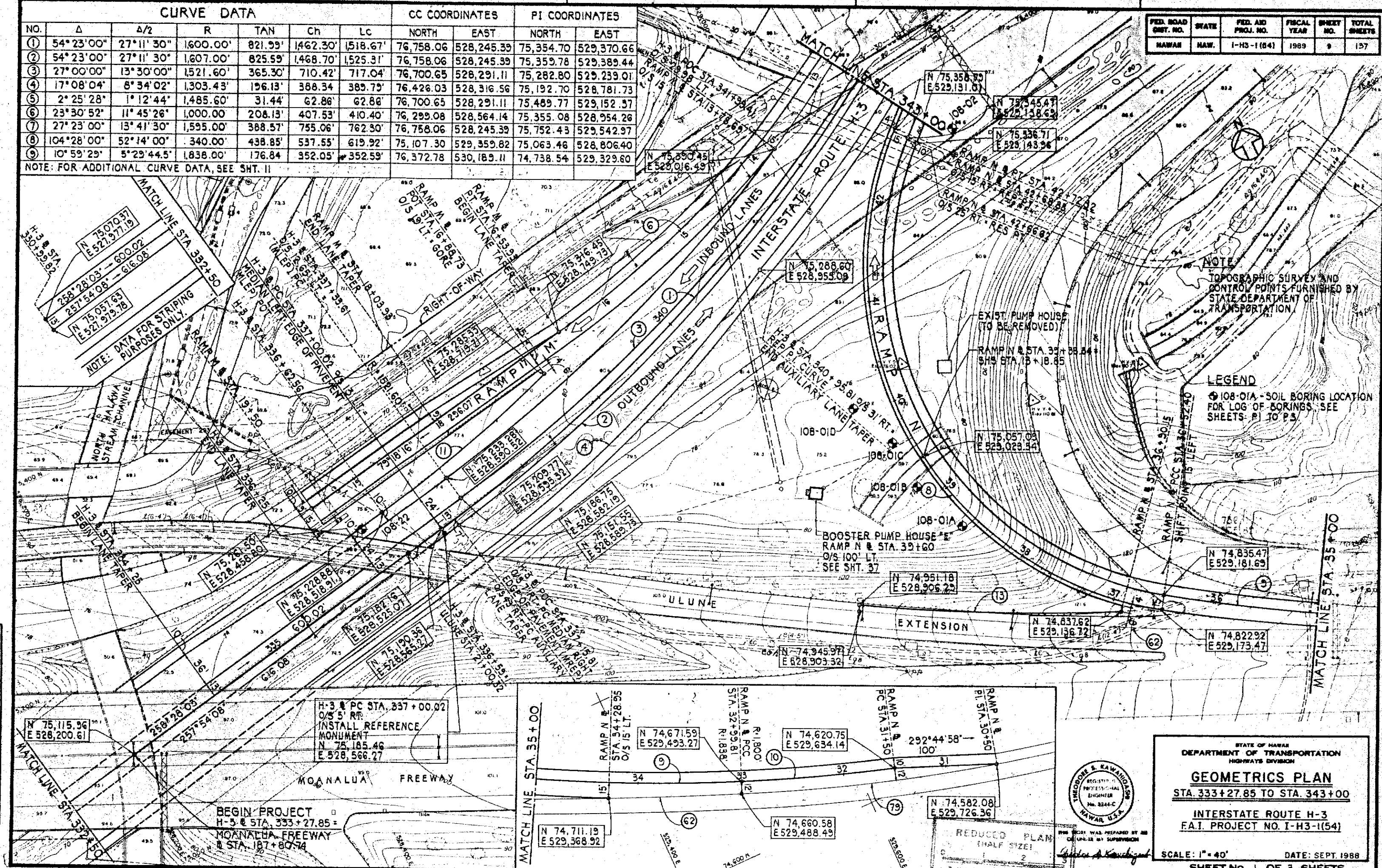


| CURVE DATA |            |            |           |         |           | CC COORDINATES |           | PI COORDINATES |           |            |
|------------|------------|------------|-----------|---------|-----------|----------------|-----------|----------------|-----------|------------|
| NO.        | Δ          | Δ/2        | R         | TAN     | Ch        | Lc             | NORTH     | EAST           | NORTH     | EAST       |
| ①          | 54°23'00"  | 27°11'30"  | 1,600.00' | 821.99' | 1,462.30' | 1,518.67'      | 76,758.06 | 528,245.39     | 75,354.70 | 529,370.66 |
| ②          | 54°23'00"  | 27°11'30"  | 1,607.00' | 825.59' | 1,468.70' | 1,525.31'      | 76,758.06 | 528,245.39     | 75,355.78 | 529,389.44 |
| ③          | 27°00'00"  | 13°30'00"  | 1,521.60' | 365.30' | 710.42'   | 717.04'        | 76,700.65 | 528,291.11     | 75,282.80 | 529,239.01 |
| ④          | 17°08'04"  | 8°34'02"   | 1,303.43' | 196.13' | 388.34'   | 389.79'        | 76,426.03 | 528,316.56     | 75,192.70 | 528,781.73 |
| ⑤          | 2°25'28"   | 1°12'44"   | 1,485.60' | 31.44'  | 62.86'    | 62.86'         | 76,700.65 | 528,291.11     | 75,489.77 | 529,152.57 |
| ⑥          | 23°30'52"  | 11°45'26"  | 1,000.00' | 208.13' | 407.53'   | 410.40'        | 76,299.08 | 528,564.14     | 75,355.08 | 528,954.26 |
| ⑦          | 27°23'00"  | 13°41'30"  | 1,595.00' | 388.57' | 755.06'   | 762.30'        | 76,758.06 | 528,245.39     | 75,752.43 | 529,542.97 |
| ⑧          | 104°28'00" | 52°14'00"  | 340.00'   | 438.85' | 537.55'   | 619.92'        | 75,107.30 | 529,359.82     | 75,063.46 | 528,806.40 |
| ⑨          | 10°59'29"  | 5°29'44.5" | 1,838.00' | 176.84' | 352.05'   | 352.59'        | 76,372.78 | 530,189.11     | 74,738.54 | 529,329.60 |

NOTE: FOR ADDITIONAL CURVE DATA, SEE SHT. II

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | I-H3-1(54)         | 1989        | 9         | 137          |



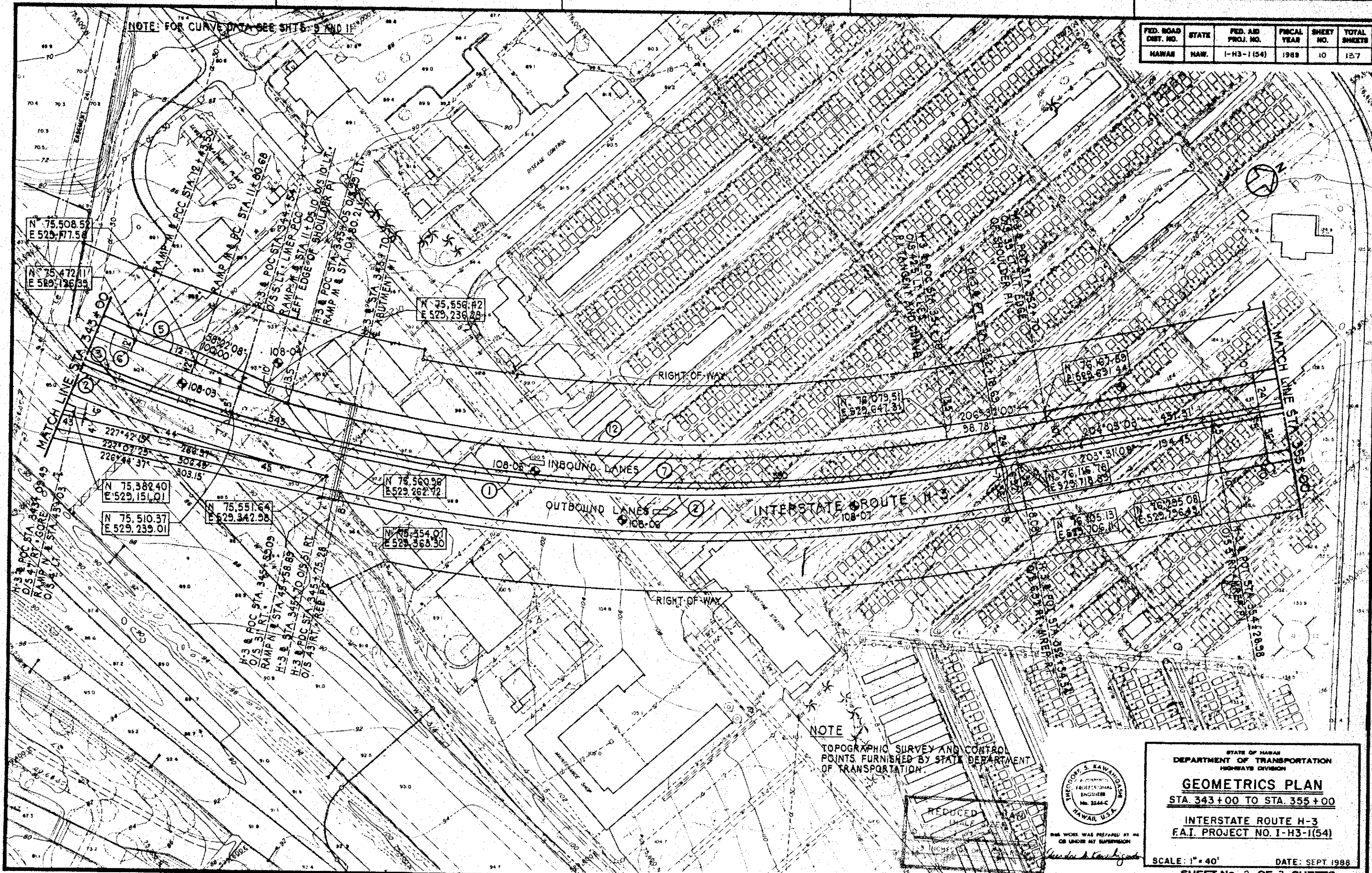
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STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION  
**GEOMETRICS PLAN**  
 STA. 333+27.85 TO STA. 343+00  
 INTERSTATE ROUTE H-3  
 F.A.I. PROJECT NO. I-H3-1(54)  
 SCALE: 1" = 40'  
 DATE: SEPT. 1988  
 SHEET NO. 1 OF 3 SHEETS

NOTE: FOR CURVE DATA SEE SHTS. 9 AND 11

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | I-H3-1(54)         | 1988        | 10        | 127          |



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NOTE  
TOPOGRAPHIC SURVEY AND CONTROL  
POINTS FURNISHED BY STATE DEPARTMENT  
OF TRANSPORTATION



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**GEOMETRICS PLAN**  
STA. 343+00 TO STA. 355+00

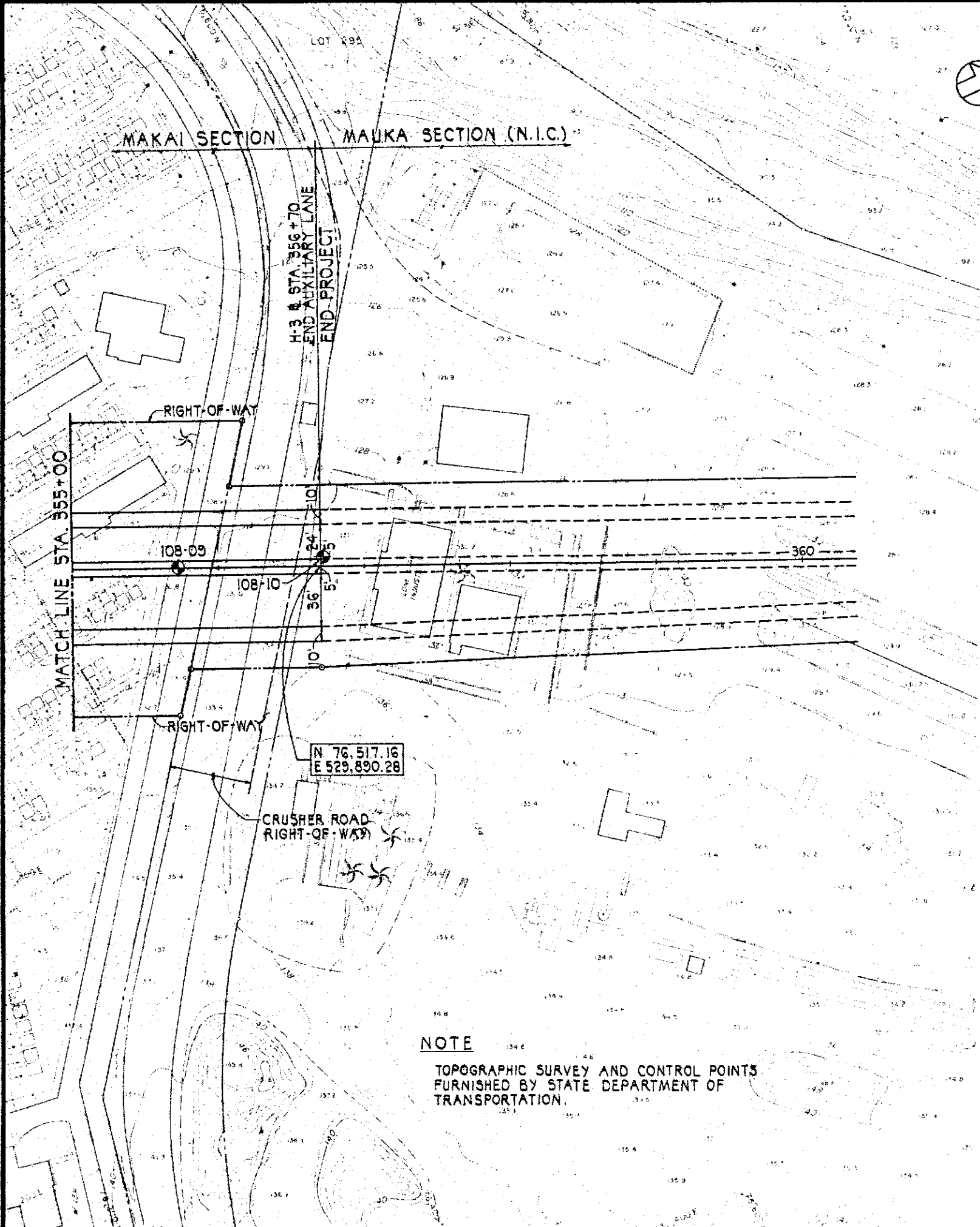
INTERSTATE ROUTE H-3  
F.A.I. PROJECT NO. I-H3-1(54)

SCALE: 1" = 40' DATE: SEPT. 1988  
SHEET NO. 2 OF 3 SHEETS

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | I-H3-1 (54)        | 1989        | 11        | 137          |

| CURVE DATA |               |               |           |         |         |         | CC COORDINATES |            | PI COORDINATES |            |
|------------|---------------|---------------|-----------|---------|---------|---------|----------------|------------|----------------|------------|
| NO.        | Δ             | Δ/2           | R         | TAN     | Ch      | Lc      |                |            |                |            |
| 10         | 4° 48' 02"    | 2° 24' 01"    | 1,788.00' | 74.95'  | 149.76' | 149.81' | 76,326.50      | 530,170.19 | 74,643.21      | 529,562.64 |
| 11         | 8° 20' 22"    | 4° 10' 11"    | 1,434.34' | 104.57' | 208.59' | 208.77' | 76,634.26      | 528,232.15 | 75,249.78      | 528,621.36 |
| 12         | 24° 39' 45"   | 12° 19' 55.5" | 1,557.50' | 340.48' | 665.25' | 670.41' | 76,758.06      | 528,245.39 | 75,773.04      | 529,236.28 |
| 13         | 7° 00' 52"    | 3° 30' 26"    | 2,099.70' | 128.69' | 256.90' | 257.06' | 76,774.27      | 529,947.98 | 74,887.34      | 529,018.03 |
| 62         | 10° 47' 35.2" | 5° 23' 47.6"  | 4,984.82' | 470.90' | 937.63' | 939.02' | 79,274.09      | 531,376.34 | 74,838.92      | 529,052.67 |
| 79         | 20° 03' 12.7" | 10° 01' 36.4" | 1,800.00' | 318.26' | 626.79' | 630.00' | 76,326.50      | 530,170.19 | 74,540.05      | 529,783.04 |

|             |       |
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| NOTED BY    | _____ |
| NO.         | _____ |



NOTE  
TOPOGRAPHIC SURVEY AND CONTROL POINTS  
FURNISHED BY STATE DEPARTMENT OF  
TRANSPORTATION.

REDUCED PLAN  
HALF SIZE  
1/2 INCHES ON ORIGINAL PLAN



THIS WORK WAS PREPARED BY ME  
OR UNDER MY SUPERVISION  
*Theodore E. Kawaguchi*

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**GEOMETRICS PLAN**  
STA. 355 + 00 TO STA. 356 + 70  
INTERSTATE ROUTE H-3  
F.A.I. PROJECT NO. I-H3-1(54)  
SCALE: 1" = 40'  
DATE: SEPT. 1988  
SHEET NO. 3 OF 3 SHEETS