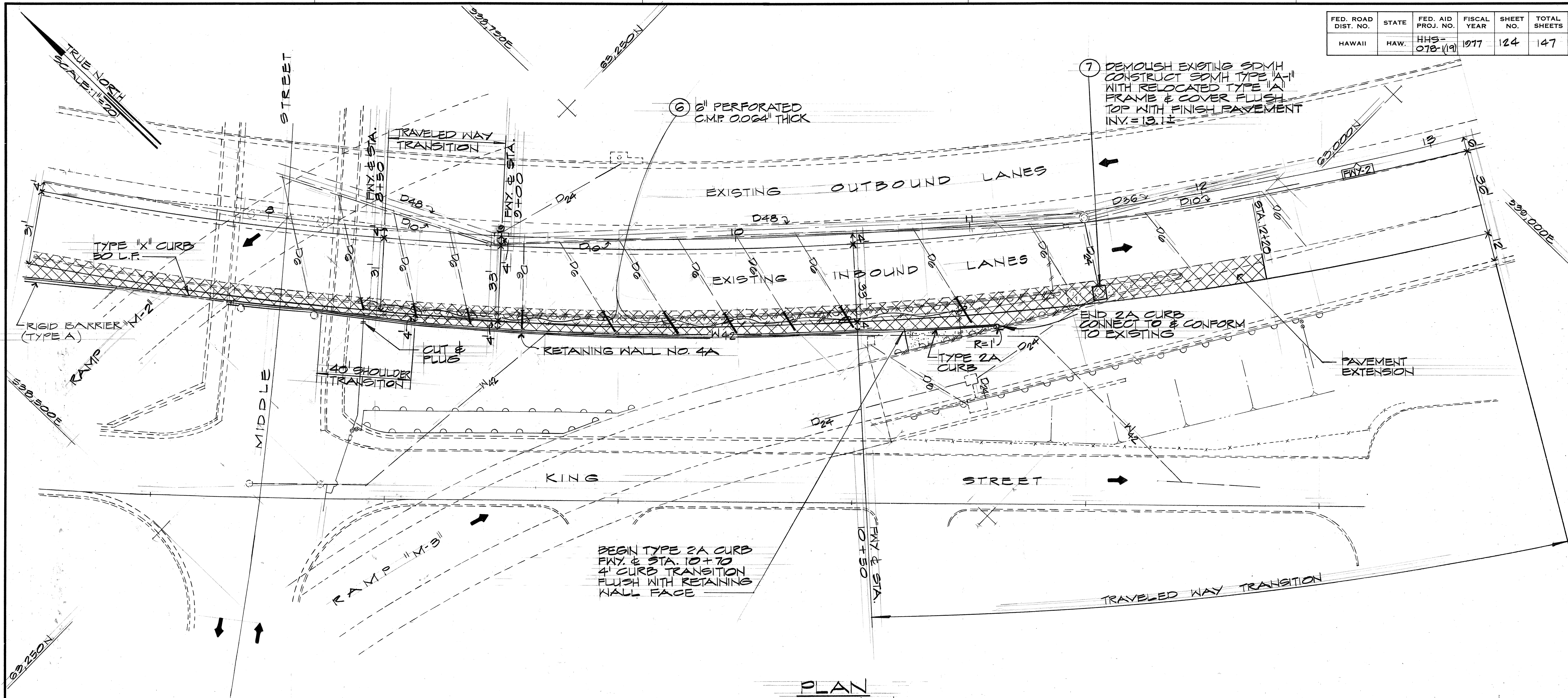


| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | HHS-078-1(19)      | 1977        | 124       | 147          |



PLAN  
SCALE: 1"=20'

GENERAL NOTES:

- EXISTING SPRINKLER HEADS & VALVES TO BE REMOVED SHALL BECOME THE PROPERTY OF THE STATE. COST FOR REMOVAL WORK SHALL BE CONSIDERED INCIDENTAL TO VARIOUS CONTRACT ITEMS.
- TYPE "X" CURB WILL NOT BE PAID FOR DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO CONTRACT ITEM NO. 503.052.

CURVE DATA

| Δ  | 50°47'01" |
|----|-----------|
| L  | 25'23'30" |
| R  | 1400.00   |
| T  | 664.52    |
| Ch | 1200.66   |
| LC | 1240.88   |

AREA TO BE GRADED = 0.14 ACRE

APPROVED FOR GRADING ONLY:

*[Signature]*  
CHIEF, DIVISION OF ENGINEERING  
DEPT. OF PUBLIC WORKS  
DATE 4/15/77

|         |  |
|---------|--|
| 1/21/77 | ADDED RIGID BARRIER (TYPE A)<br>DELETED RETAINING WALL NO. 4 |
| 5/20/77 | ADDED GENERAL NOTES NOS. 1 & 2 PER ADDENDUM NO. 1.           |

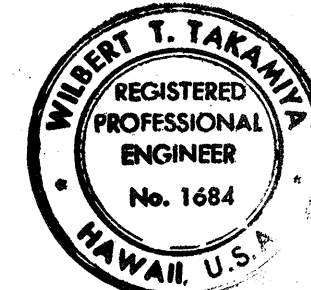
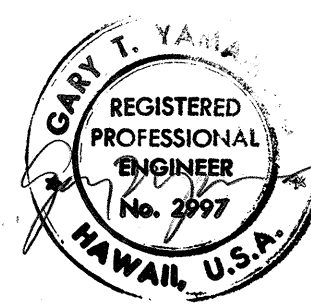
| DATE | REVISION |
|------|----------|
|------|----------|

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

DETAIL PLAN OF ROADWAY

MOANALUA ROAD  
PUULOA I.C. TO MIDDLE ST.-UNIT 1A  
P.A. PROJ. NO. HHS-078-1(19)

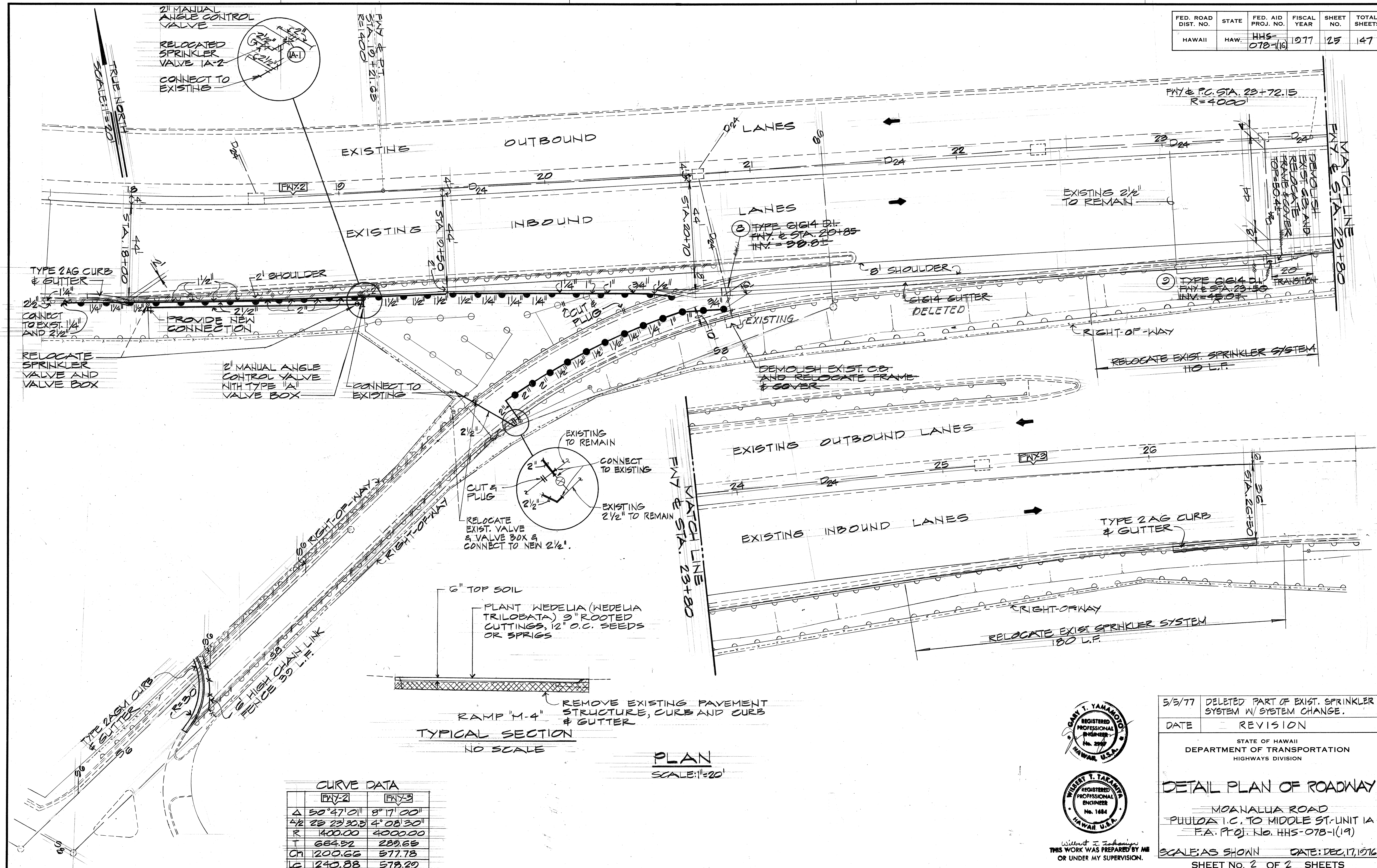
SCALE: AS SHOWN DATE: DEC. 17, 1976  
SHEET NO. 1 OF 2 SHEETS



THIS WORK WAS PREPARED BY ME  
OR UNDER MY SUPERVISION.

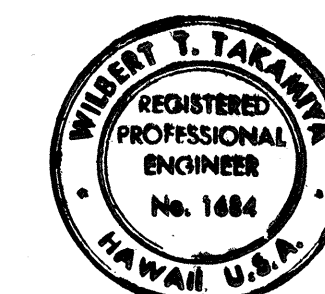
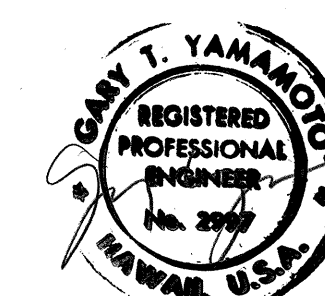


| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | HHS-078-1(16)      | 1977        | 25        | 147          |



| CURVE DATA        |            |
|-------------------|------------|
| FN-2              | FN-3       |
| Δ 50° 47' 01"     | 8° 17' 00" |
| Δ/2 25° 23' 30.5" | 4° 08' 30" |
| R 100.00          | 4000.00    |
| T 664.92          | 289.69     |
| Ch 1200.66        | 577.78     |
| Lc 1240.88        | 578.20     |

**PLAN**  
SCALE: 1"=20'



THIS WORK WAS PREPARED BY ME  
OR UNDER MY SUPERVISION.

|  |   |
|--|---|
| 5/5/77   | DELETED PART OF EXIST. SPRINKLER SYSTEM W/ SYSTEM CHANGE. |
| DATE   | REVISION  |
| STATE OF HAWAII<br>DEPARTMENT OF TRANSPORTATION<br>HIGHWAYS DIVISION               |   |
| <b>DETAIL PLAN OF ROADWAY</b>  |   |
| MOANALUA ROAD<br>PUULOA I.C. TO MIDDLE ST. UNIT 1A<br>F.A. PROJ. NO. HHS-078-1(19) |   |
| SCALE: AS SHOWN  | DATE: DEC. 17, 1976                                       |
| SHEET NO. 2 OF 2 SHEETS  |   |

ADD 125