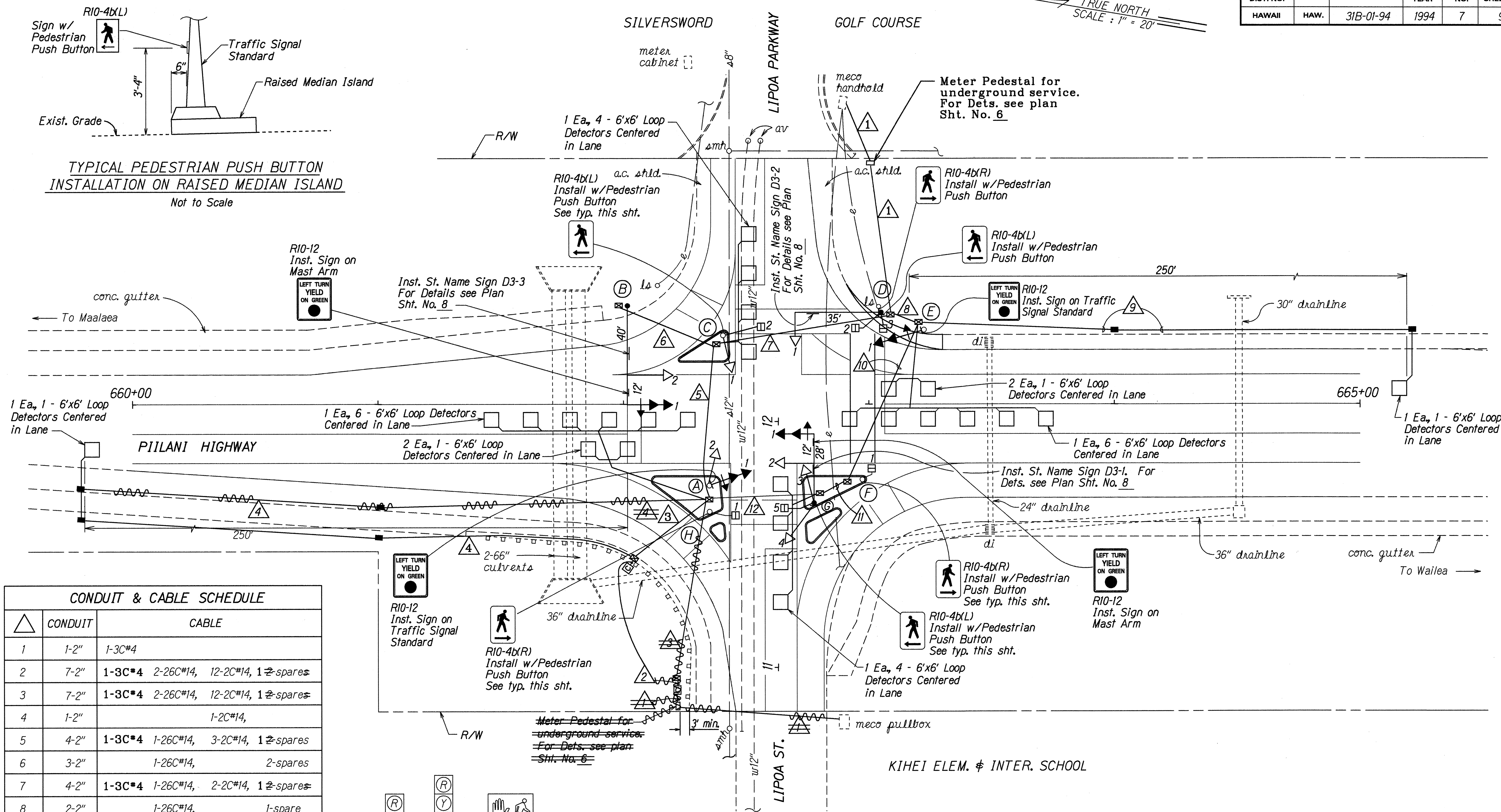


| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-----------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 31B-01-94 | 1994        | 7         | 9            |



| CONDUIT & CABLE SCHEDULE |         |                                                   |
|--------------------------|---------|---------------------------------------------------|
| △                        | CONDUIT | CABLE                                             |
| 1                        | 1-2"    | 1-3C*4                                            |
| 2                        | 7-2"    | 1-3C*4 2-26C*14, 12-2C*14, 1 <del>2</del> -spares |
| 3                        | 7-2"    | 1-3C*4 2-26C*14, 12-2C*14, 1 <del>2</del> -spares |
| 4                        | 1-2"    | 1-2C*14,                                          |
| 5                        | 4-2"    | 1-3C*4 1-26C*14, 3-2C*14, 1 <del>2</del> -spares  |
| 6                        | 3-2"    | 1-26C*14, 2-spares                                |
| 7                        | 4-2"    | 1-3C*4 1-26C*14, 2-2C*14, 1 <del>2</del> -spares  |
| 8                        | 2-2"    | 1-26C*14, 1-spares                                |
| 9                        | 2-2"    | 1-2C*14, 1-spares                                 |
| 10                       | 3-2"    | 1-26C*14, 3-2C*14, 1-spares                       |
| 11                       | 3-2"    | 1-26C*14, 4-2C*14, 1-spares                       |
| 12                       | 4-2"    | 1-26C*14, 6-2C*14, 1-spares                       |

Note:  
Spare Conduits will be used for future interconnection cable and opticon detector cable.

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- A-2

B-2

C-1

D-1

G-2

G-3

G-4
- A-1\*

B-1\*

E-1\*

G-1\*
- C-2

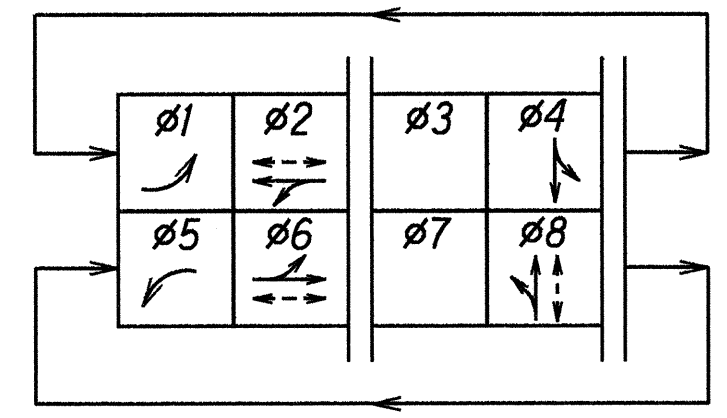
D-2

F-1

G-5

H-1

\* Fiber Optic Signal Head  
SIGNAL INDICATION



PHASE DIAGRAM

| LEGEND FOR AS-BUILT POSTINGS |                                     |
|------------------------------|-------------------------------------|
|                              | Squiggly line for as-built deletion |
|                              | Double line for as-built deletion   |
| Roadway                      | Text for as-built posting           |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

TRAFFIC SIGNAL PLAN

PIILANI HIGHWAY  
Intersection Improvements at Lipoa Street  
PROJECT NO. 31B-01-94

Scale: 1"=20'      Date: Jan., 1994

SHEET No. 1 OF 1 SHEETS

|                       |             |
|-----------------------|-------------|
| ORIGINAL PLAN         | DATE: 12/93 |
| DRAWN BY: H. Aki      |             |
| CHECKED BY: C. Aki    |             |
| NOTED BY: N. Aki      |             |
| QUANTITIES BY: N. Aki |             |
| CHECKED BY: N. Aki    |             |