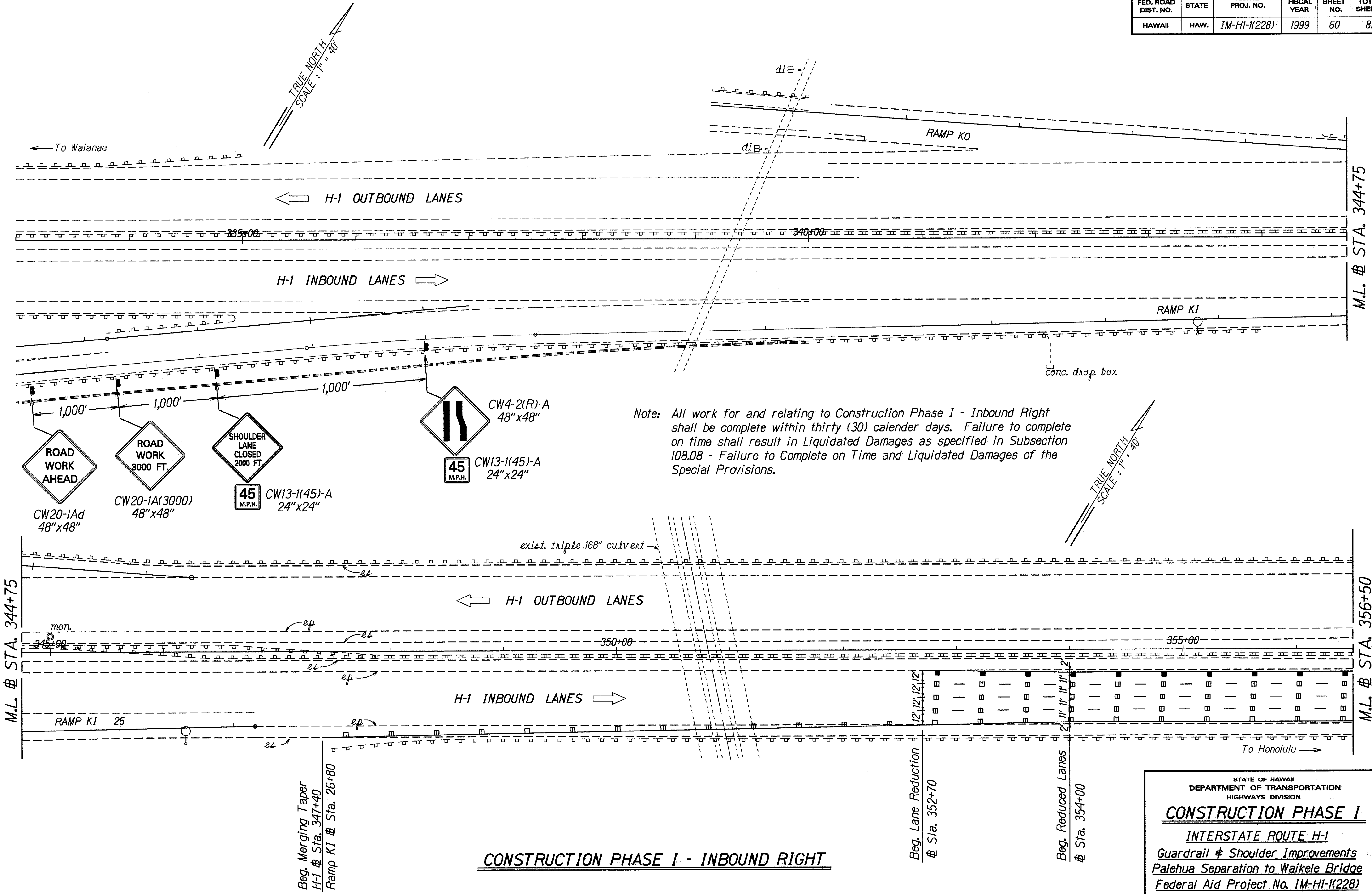


| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | IM-HI-1(228)       | 1999        | 60        | 82           |



Note: All work for and relating to Construction Phase I - Inbound Right shall be complete within thirty (30) calendar days. Failure to complete on time shall result in Liquidated Damages as specified in Subsection 108.08 - Failure to Complete on Time and Liquidated Damages of the Special Provisions.

|               |                   |        |
|---------------|-------------------|--------|
| ORIGINAL PLAN | SURVEY PLANNED BY | DATE   |
| NOTES         | DESIGNED BY       | 4/2/98 |
| QUANTITIES BY | CHECKED BY        |        |
|               |                   |        |

### CONSTRUCTION PHASE I - INBOUND RIGHT

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

## CONSTRUCTION PHASE I

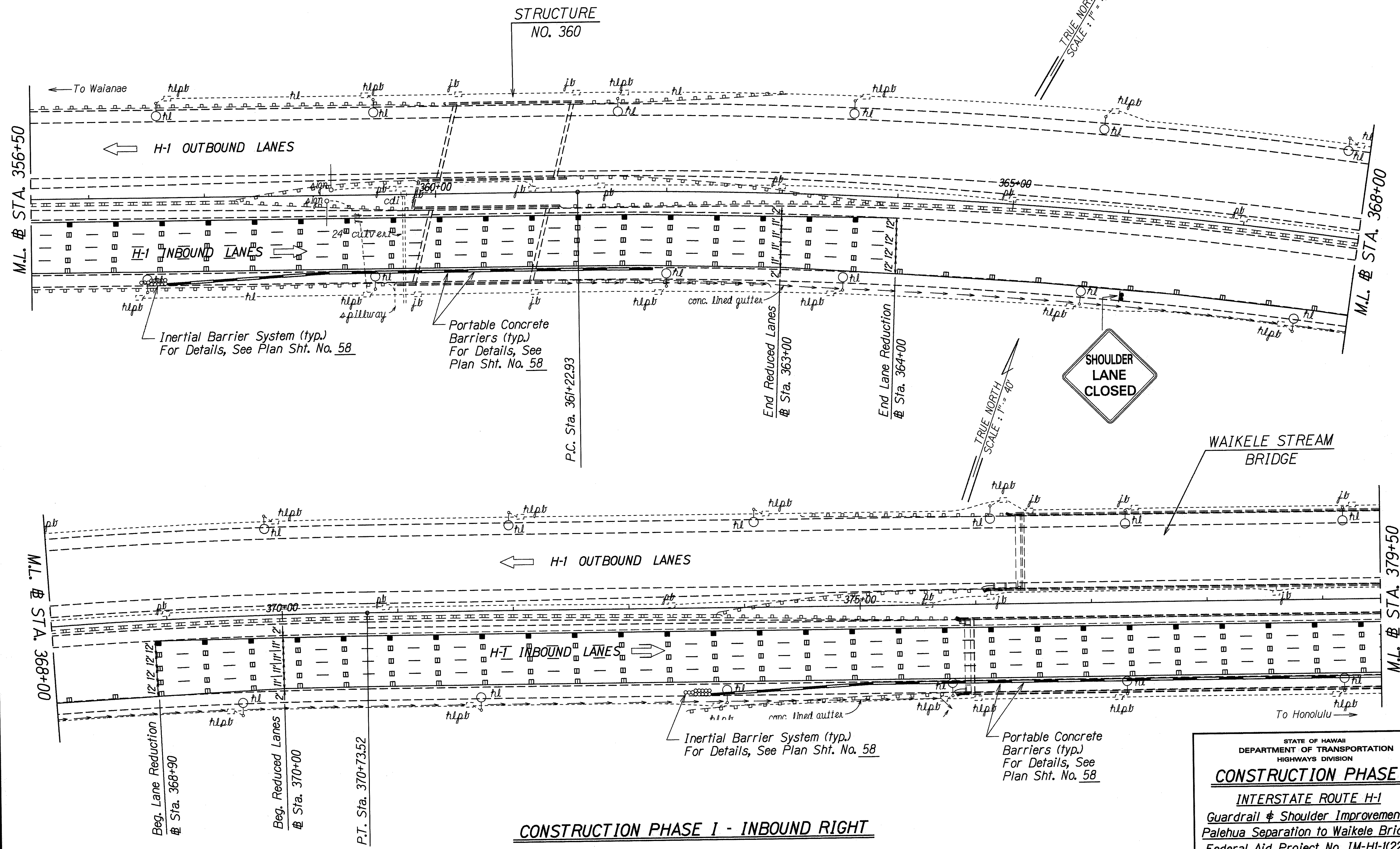
### INTERSTATE ROUTE H-1

Guardrail & Shoulder Improvements  
Palehua Separation to Waialea Bridge  
Federal Aid Project No. IM-HI-1(228)

Scale: 1"=40'      Date: Oct., 1998

SHEET No. 1 OF 14 SHEETS

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | IM-HI-1(228)       | 1999        | 61        | 82           |



|               |                        |
|---------------|------------------------|
| ORIGINAL PLAN | DATE                   |
| NOTE BOOK     | DESIGNED BY S. Yoshida |
| QUANTITIES BY | CHECKED BY             |
| DATE          |                        |

**CONSTRUCTION PHASE I - INBOUND RIGHT**

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

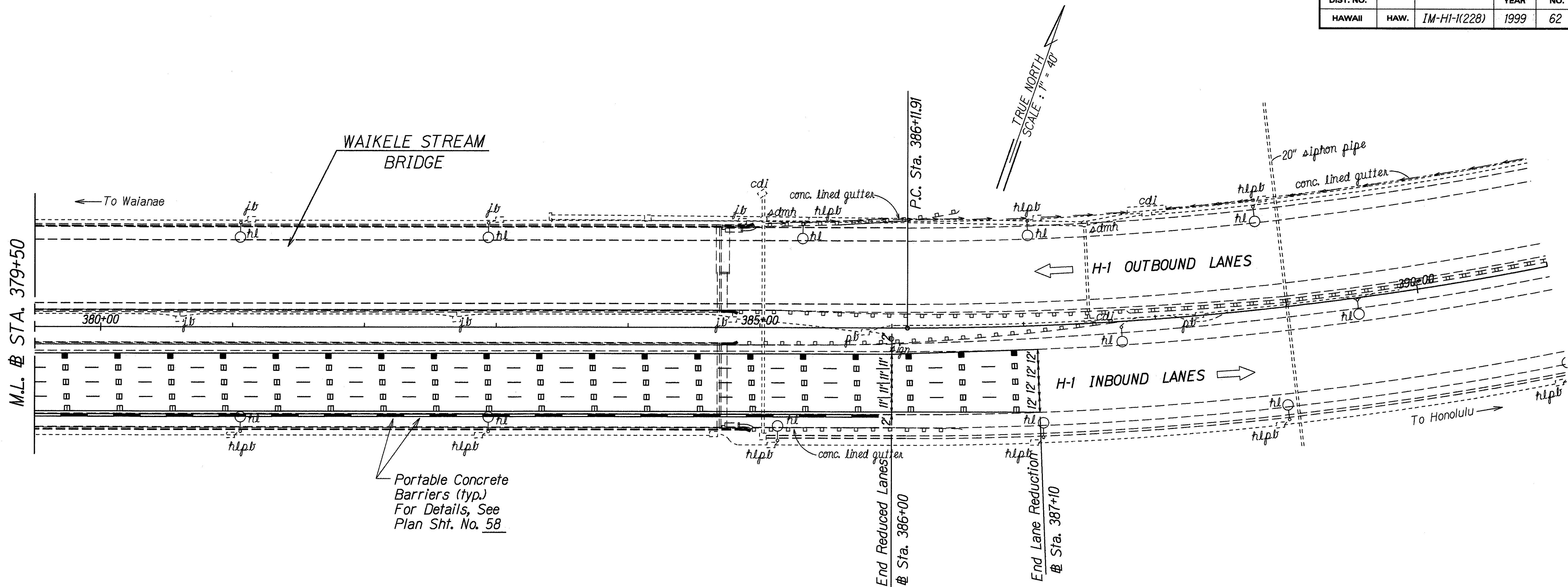
**CONSTRUCTION PHASE I**

**INTERSTATE ROUTE H-1**  
Guardrail & Shoulder Improvements  
Palehua Separation to Waikele Bridge  
Federal Aid Project No. IM-HI-1(228)

Scale: 1"=40' Date: Oct., 1998

SHEET No. 2 OF 14 SHEETS

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | IM-HI-K(228)       | 1999        | 62        | 82           |



CONSTRUCTION PHASE I - INBOUND RIGHT

|               |                   |          |
|---------------|-------------------|----------|
| ORIGINAL PLAN | SURVEY PLOTTED BY | DATE     |
| NOTES         | DRAWN BY          | 10/28/99 |
| DESIGNED BY   | DESIGNED BY       |          |
| CHECKED BY    | CHECKED BY        |          |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**CONSTRUCTION PHASE I**

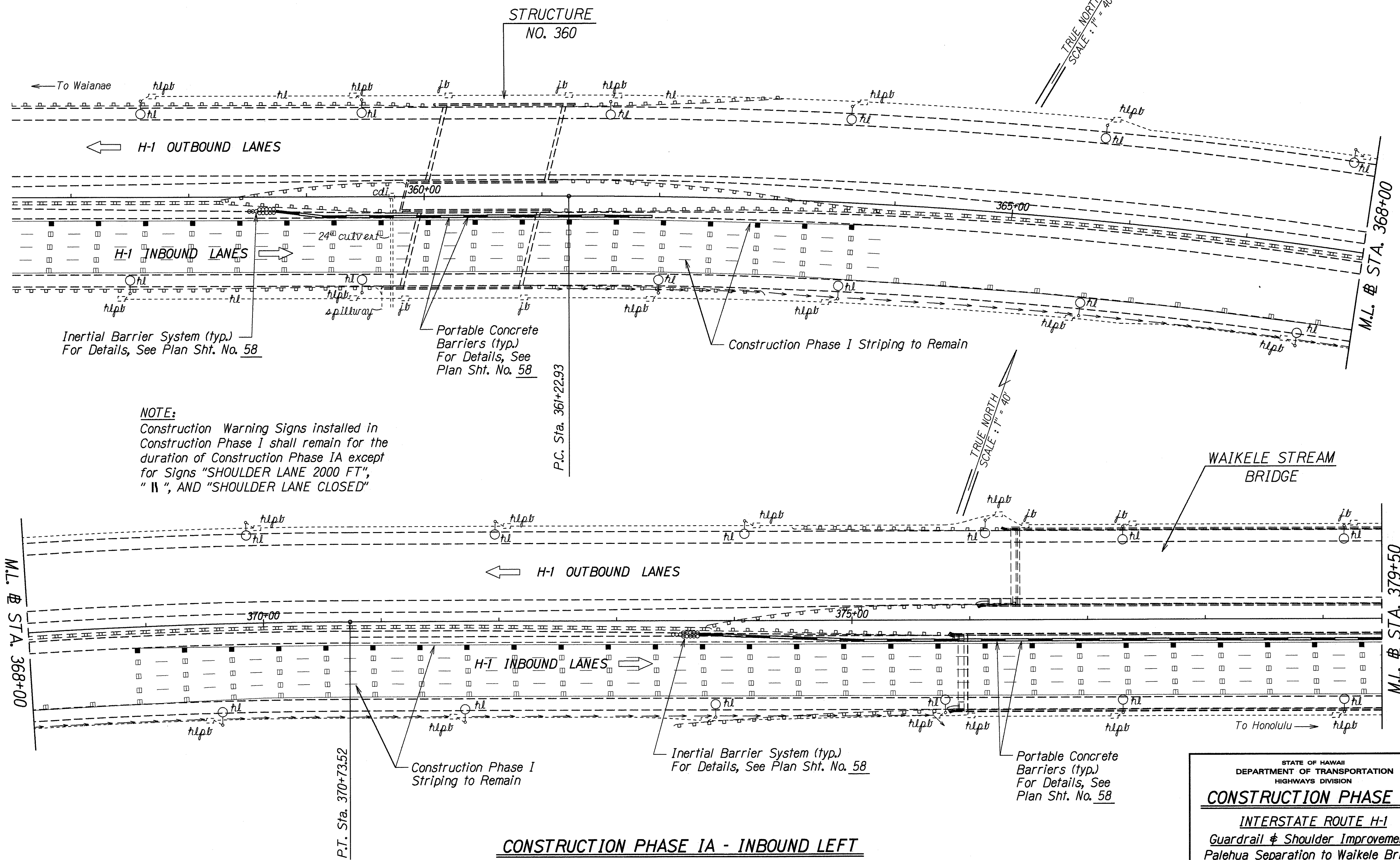
INTERSTATE ROUTE H-1

Guardrail & Shoulder Improvements  
Pālehua Separation to Waikēle Bridge  
Federal Aid Project No. IM-HI-K(228)

Scale: 1"=40' Date: Oct., 1998

SHEET No. 3 OF 14 SHEETS

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 1M-HI-K(228)       | 1999        | 63        | 82           |



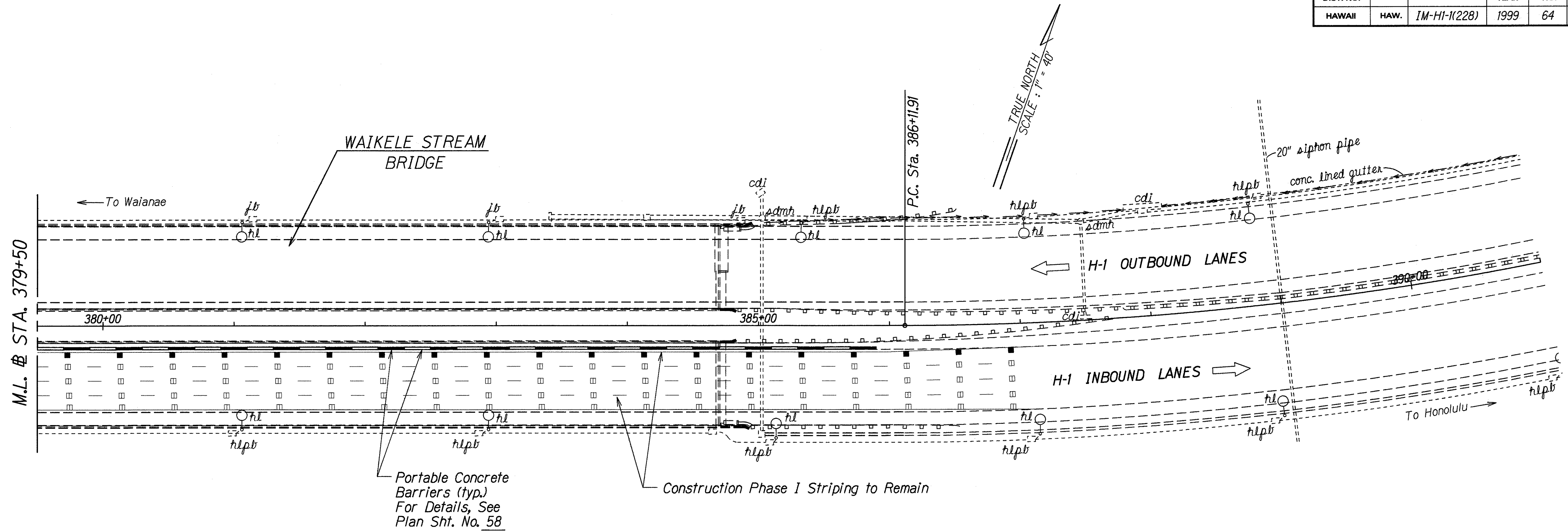
|               |               |            |
|---------------|---------------|------------|
| ORIGINAL PLAN | DATE          | 10/28/98   |
| DESIGNED BY   | DESIGNED BY   | S. Yoshida |
| QUANTITIES BY | QUANTITIES BY | N. Sasaki  |
| CHECKED BY    | CHECKED BY    | N. Sasaki  |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**CONSTRUCTION PHASE IA**  
INTERSTATE ROUTE H-1  
Guardrail & Shoulder Improvements  
Pahua Separation to Waikale Bridge  
Federal Aid Project No. 1M-HI-K(228)  
Scale: 1"=40'      Date: Oct., 1998

SHEET No. 4 OF 14 SHEETS

| FED. ROAD<br>DIST. NO. | STATE | FED. AID<br>PROJ. NO. | FISCAL<br>YEAR | SHEET<br>NO. | TOTAL<br>SHEETS |
|------------------------|-------|-----------------------|----------------|--------------|-----------------|
| HAWAII                 | HAW.  | IM-HI-1(228)          | 1999           | 64           | 82              |



CONSTRUCTION PHASE IA - INBOUND LEFT

|                  |                   |          |
|------------------|-------------------|----------|
| ORIGINAL<br>PLAN | SURVEY PLOTTED BY | DATE     |
| NOTE BOOK        | DRAWN BY          | 10/28/98 |
| DESIGNED BY      | DESIGNED BY       |          |
| QUANTITIES BY    | QUANTITIES BY     |          |
| CHECKED BY       | CHECKED BY        |          |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

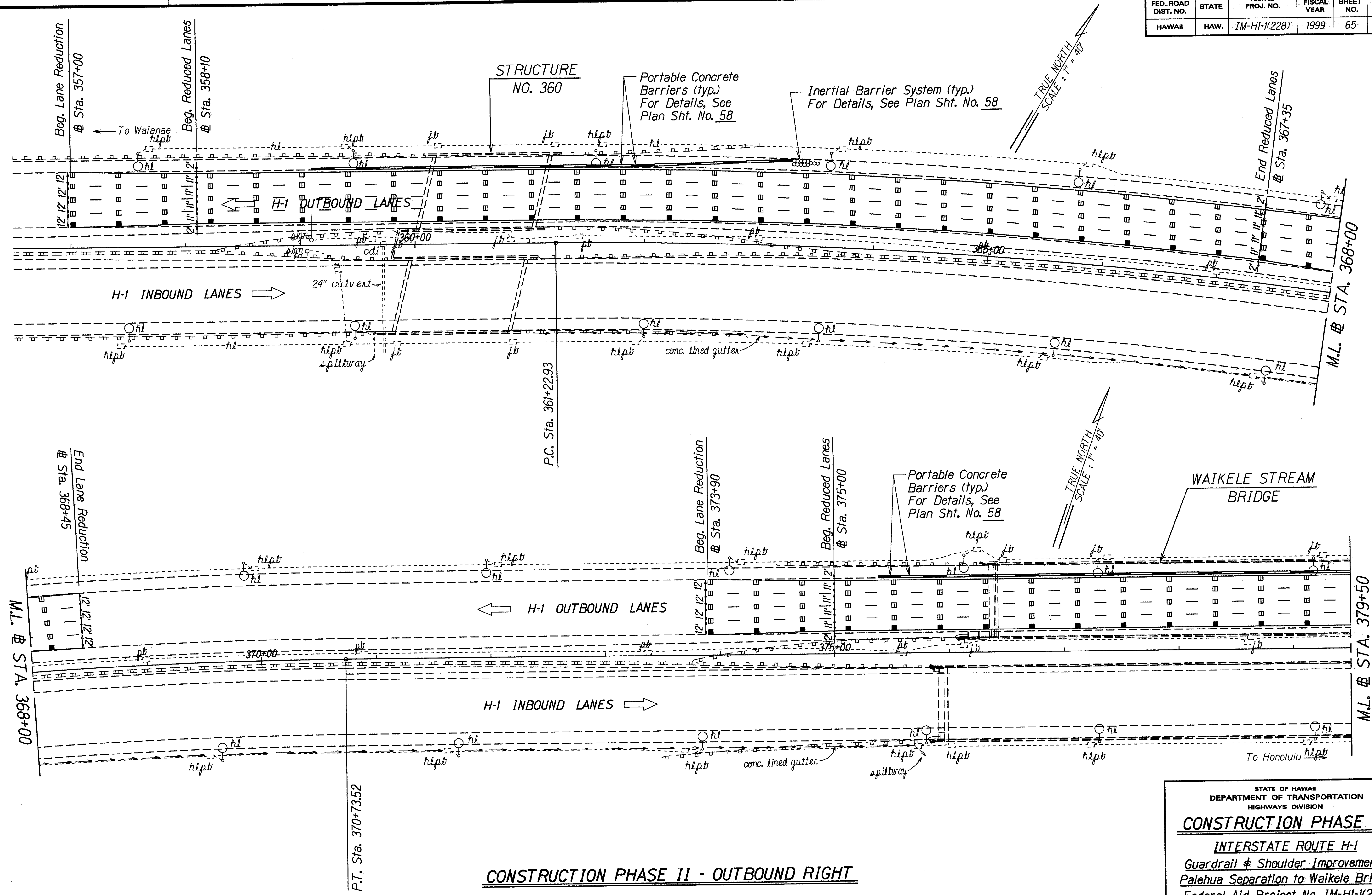
**CONSTRUCTION PHASE IA**

INTERSTATE ROUTE H-1  
Guardrail & Shoulder Improvements  
Palehua Separation to Waikele Bridge  
Federal Aid Project No. IM-HI-1(228)

Scale: 1"=40' Date: Oct., 1998

SHEET No. 5 OF 14 SHEETS

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | IM-HI-K(228)       | 1999        | 65        | 82           |



**CONSTRUCTION PHASE II - OUTBOUND RIGHT**

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**CONSTRUCTION PHASE II**

**INTERSTATE ROUTE H-1**

**Guardrail & Shoulder Improvements**

**Palehua Separation to Waikale Bridge**

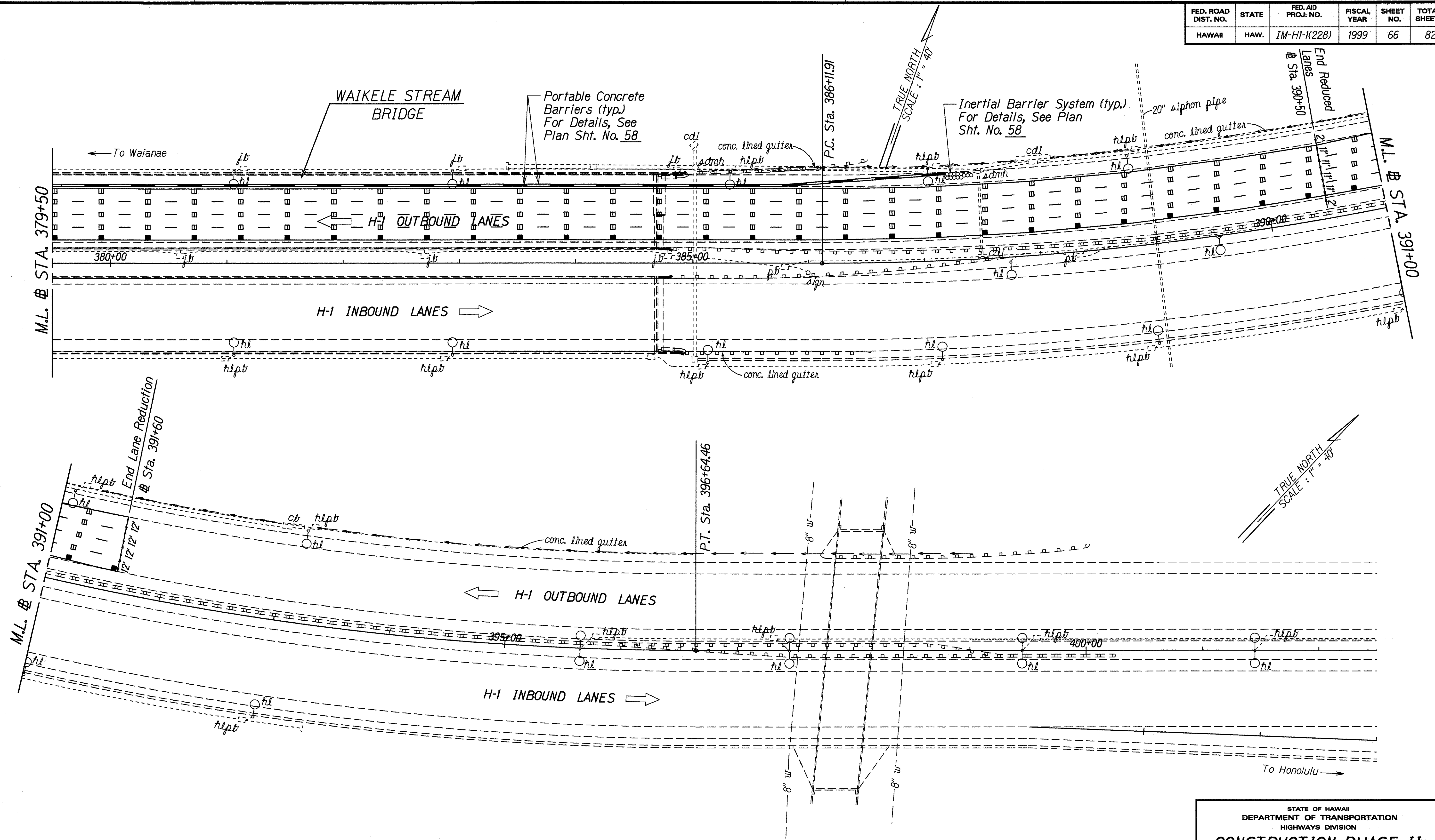
**Federal Aid Project No. IM-HI-K(228)**

Scale: 1"=40' Date: Oct., 1998

SHEET No. 6 OF 14 SHEETS

|                          |          |
|--------------------------|----------|
| ORIGINAL PLAN            | DATE     |
| DESIGNED BY S. Yoshida   | 10/28/98 |
| DRAWN BY S. Yoshida      |          |
| CHECKED BY S. Yoshida    |          |
| NOTED BY S. Yoshida      |          |
| QUANTITIES BY S. Yoshida |          |
| CHECKED BY S. Yoshida    |          |

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | IM-HI-1(228)       | 1999        | 66        | 82           |



|             |          |
|-------------|----------|
| DESIGNED BY | DATE     |
| TRACED BY   | 10/28/99 |
| NOTED BY    |          |
| CHECKED BY  |          |

**CONSTRUCTION PHASE II - OUTBOUND RIGHT**

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

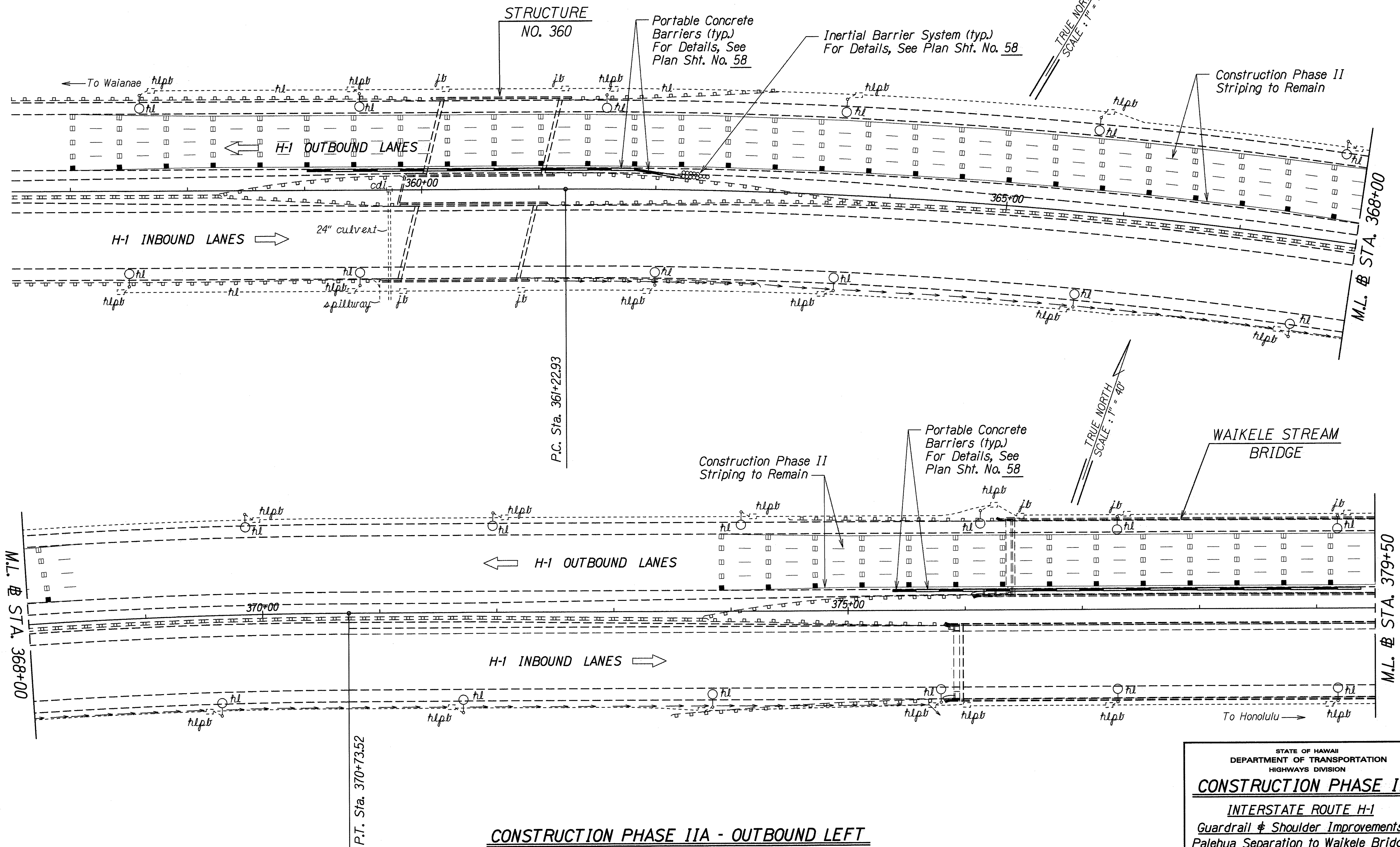
**CONSTRUCTION PHASE II**

**INTERSTATE ROUTE H-1**  
Guardrail & Shoulder Improvements  
Palehua Separation to Waialele Bridge  
Federal Aid Project No. IM-HI-1(228)

Scale: 1"=40' Date: Oct., 1998

SHEET No. 7 OF 14 SHEETS

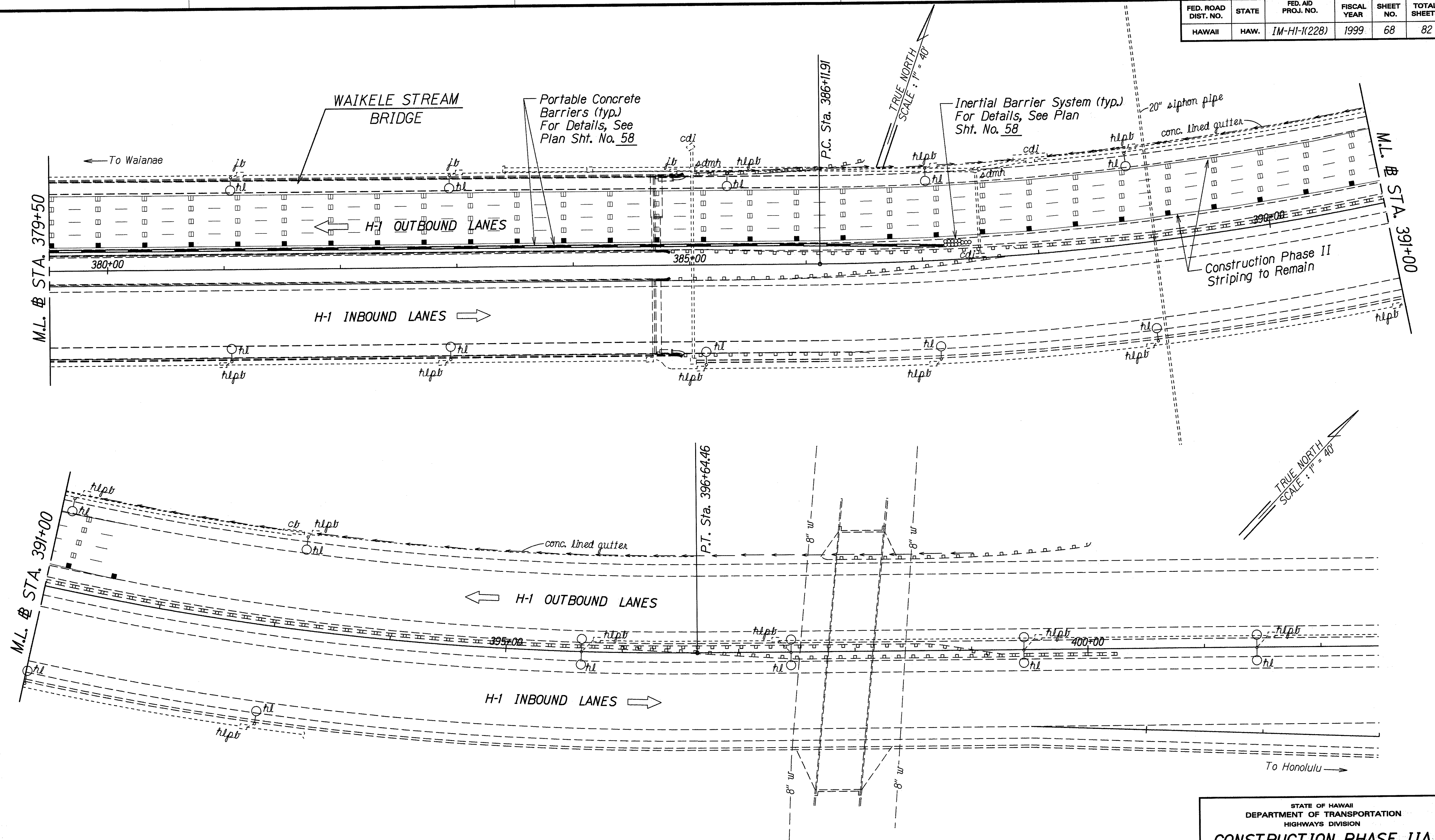
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 1M-HI-K(228)       | 1999        | 67        | 82           |



|                   |          |
|-------------------|----------|
| SURVEY PLATTED BY | DATE     |
| DESIGNED BY       | 10/28/98 |
| DESIGNED BY       |          |
| QUANTITIES BY     |          |
| CHECKED BY        |          |

|                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------|
| STATE OF HAWAII<br>DEPARTMENT OF TRANSPORTATION<br>HIGHWAYS DIVISION                                            |
| <b>CONSTRUCTION PHASE IIA</b>                                                                                   |
| <b>INTERSTATE ROUTE H-1</b>                                                                                     |
| Guardrail & Shoulder Improvements<br>Pahua Separation to Waikale Bridge<br>Federal Aid Project No. 1M-HI-K(228) |
| Scale: 1"=40' Date: Oct., 1998                                                                                  |
| SHEET No. 8 OF 14 SHEETS                                                                                        |

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | IM-HI-1(228)       | 1999        | 68        | 82           |



|               |                   |          |
|---------------|-------------------|----------|
| ORIGINAL PLAN | SURVEY PLOTTED BY | DATE     |
| NOTED BOOK    | DRAWN BY          | 10/28/98 |
| DESIGNED BY   | DESIGNED BY       |          |
| CHECKED BY    | CHECKED BY        |          |

### CONSTRUCTION PHASE IIA - OUTBOUND LEFT

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

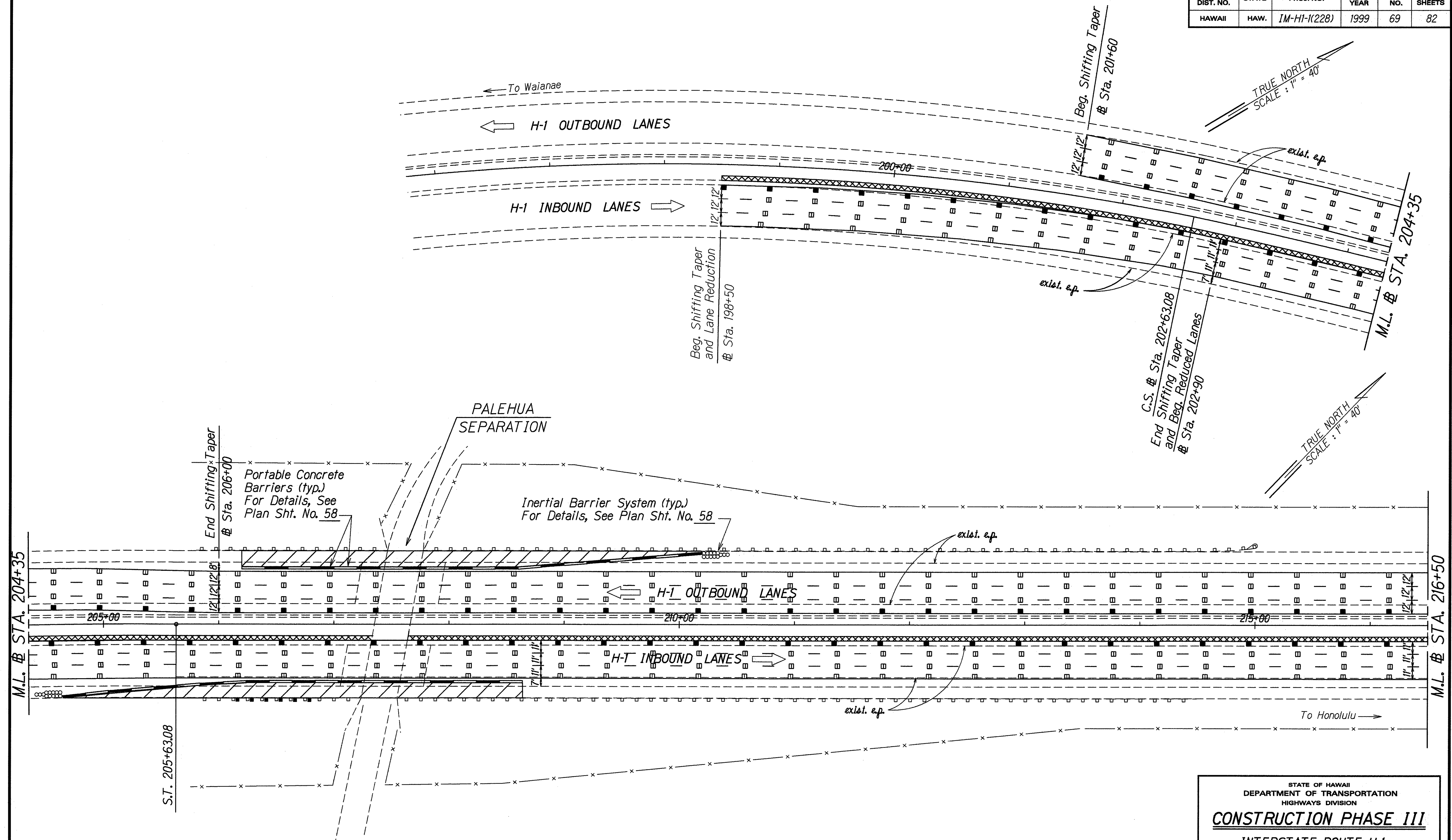
**CONSTRUCTION PHASE IIA**

INTERSTATE ROUTE H-1  
Guardrail & Shoulder Improvements  
Palehua Separation to Waialeale Bridge  
Federal Aid Project No. IM-HI-1(228)

Scale: 1"=40' Date: Oct., 1998

SHEET No. 9 OF 14 SHEETS

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | IM-HI-1(228)       | 1999        | 69        | 82           |



### CONSTRUCTION PHASE III

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**CONSTRUCTION PHASE III**

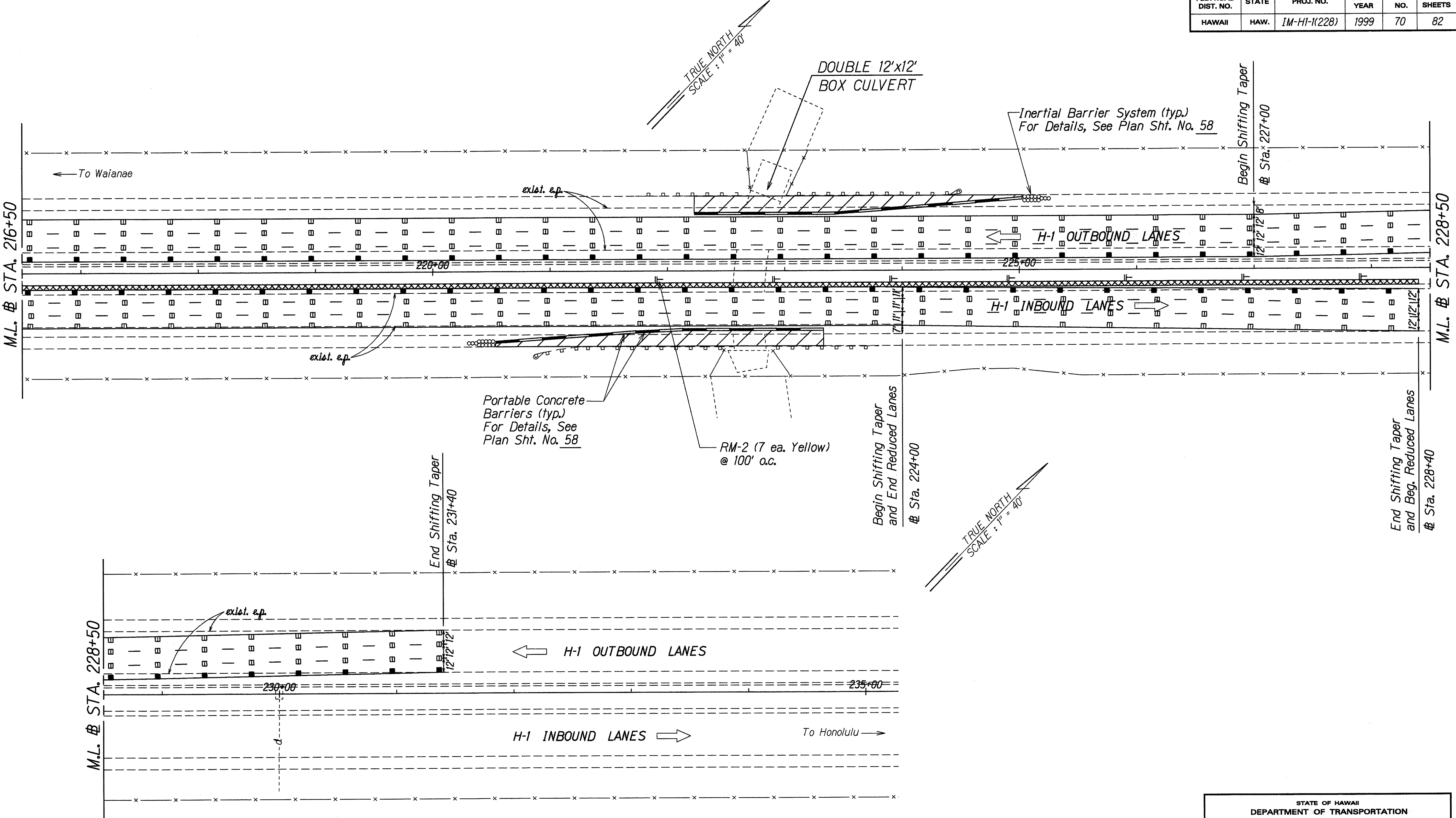
**INTERSTATE ROUTE H-1**  
**Guardrail & Shoulder Improvements**  
**Palehua Separation to Waialeke Bridge**  
**Federal Aid Project No. IM-HI-1(228)**

Scale: 1"=40' Date: Oct., 1998

SHEET No. 10 OF 14 SHEETS

|               |                |
|---------------|----------------|
| ORIGINAL PLAN | DATE           |
| NOTES         | 10/28/98       |
| DESIGNED BY   | S. Yoshida     |
| CHECKED BY    | N. S. S. S. S. |

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 1M-HI-1(228)       | 1999        | 70        | 82           |



|               |                   |          |
|---------------|-------------------|----------|
| ORIGINAL PLAN | SURVEY PLOTTED BY | DATE     |
| NOTE BOOK     | DESIGNED BY       | 10/28/98 |
| 10/1/99       | QUANTITIES BY     |          |
| 10/1/99       | CHECKED BY        |          |

CONSTRUCTION PHASE III

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**CONSTRUCTION PHASE III**

**INTERSTATE ROUTE H-1**

**Guardrail & Shoulder Improvements**

**Palehua Separation to Waialeale Bridge**

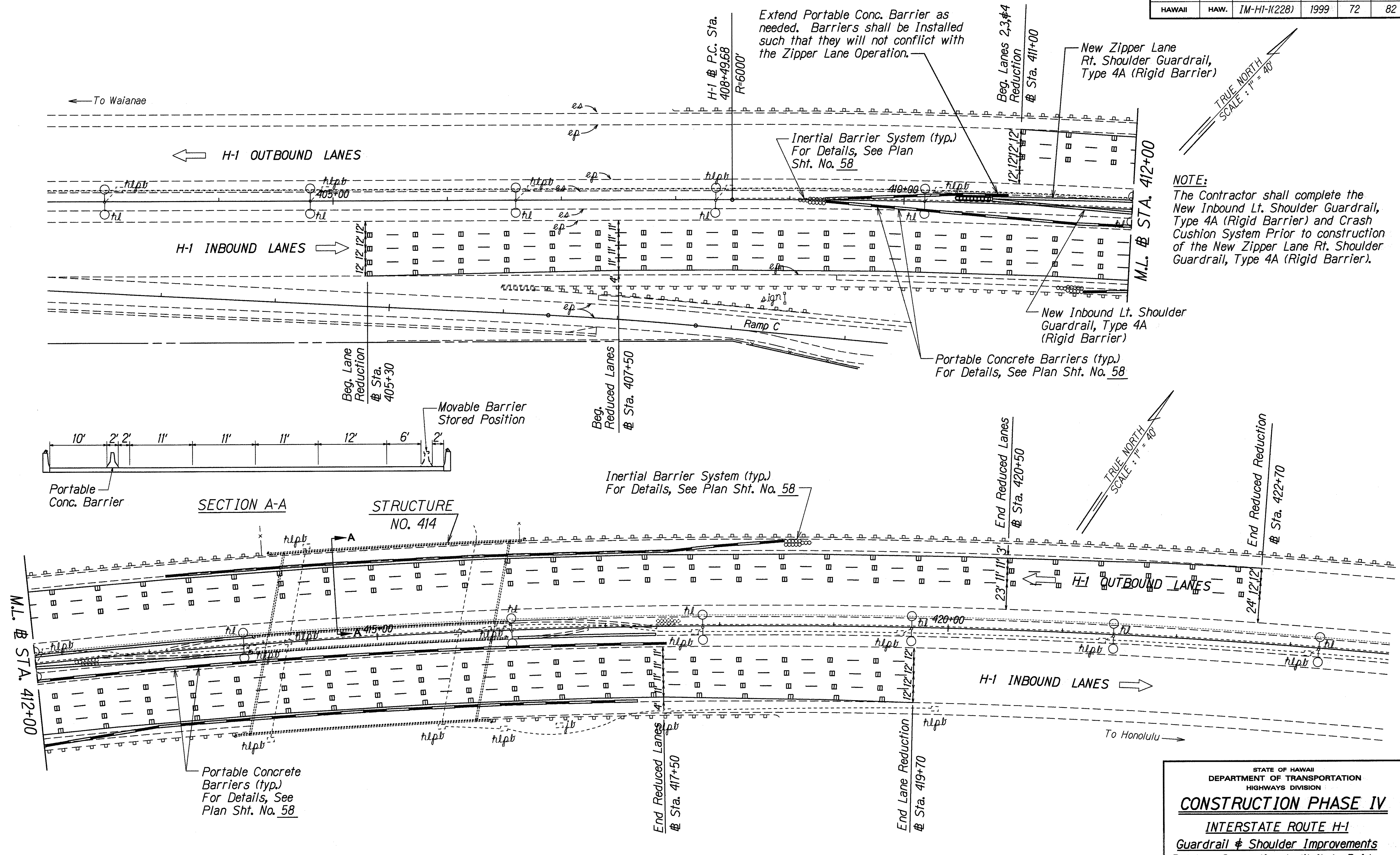
**Federal Aid Project No. 1M-HI-1(228)**

Scale: 1"=40'      Date: Oct., 1998

SHEET No. 11 OF 14 SHEETS



| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 1M-HI-1(228)       | 1999        | 72        | 82           |



|                   |          |
|-------------------|----------|
| SURVEY PLOTTED BY | DATE     |
| DRAWN BY          | 10/28/98 |
| DESIGNED BY       |          |
| QUANTITIES BY     |          |
| CHECKED BY        |          |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**CONSTRUCTION PHASE IV**

**INTERSTATE ROUTE H-1**

**Guardrail & Shoulder Improvements**

**Palehua Separation to Waikale Bridge**

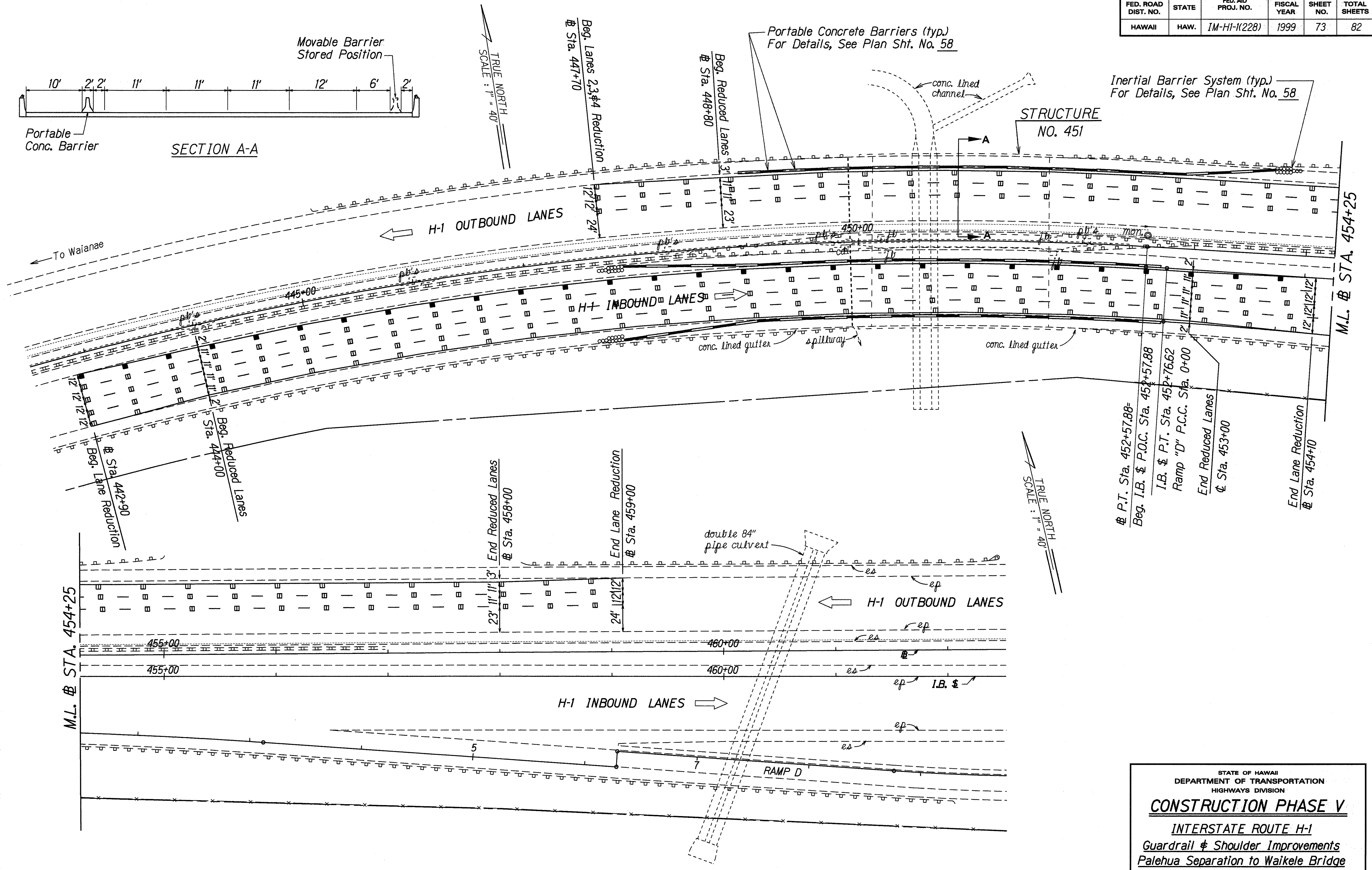
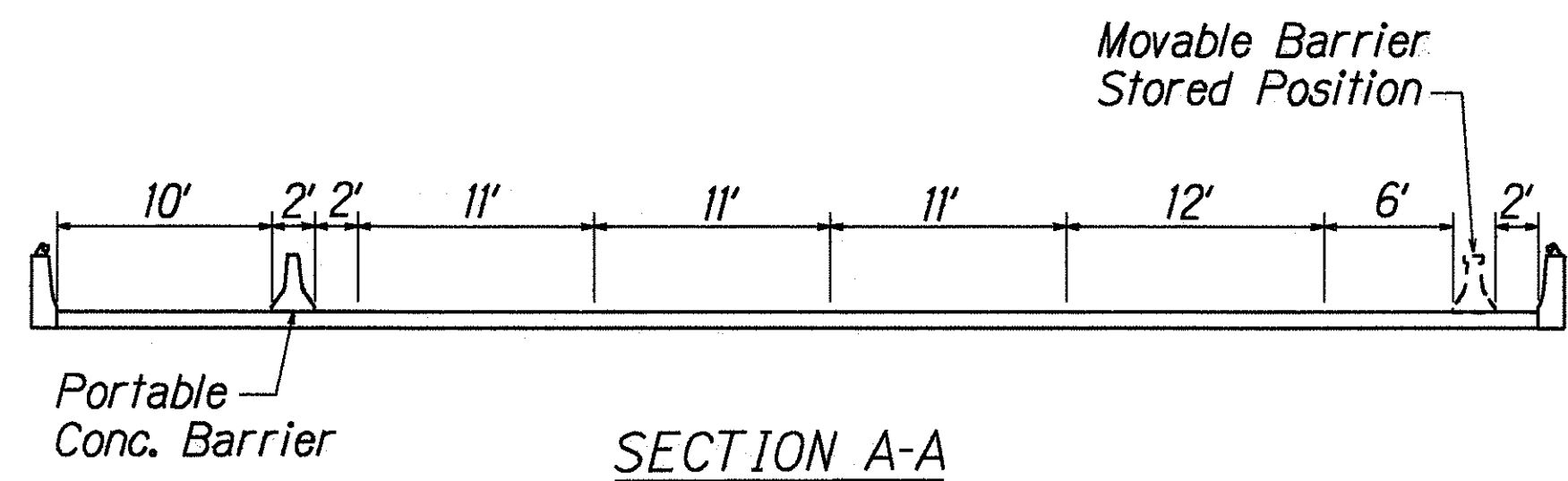
**Federal Aid Project No. 1M-HI-1(228)**

Scale: 1"=40' Date: Oct., 1998

SHEET No. 13 OF 14 SHEETS

**CONSTRUCTION PHASE IV**

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | IM-HI-1(228)       | 1999        | 73        | 82           |



**CONSTRUCTION PHASE V**

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**CONSTRUCTION PHASE V**

**INTERSTATE ROUTE H-1**

**Guardrail & Shoulder Improvements**

**Palehua Separation to Waialea Bridge**

**Federal Aid Project No. IM-HI-1(228)**

Scale: 1"=40' Date: Oct., 1998

SHEET No. 14 OF 14 SHEETS

|               |          |
|---------------|----------|
| DESIGNED BY   | DATE     |
| DRAWN BY      | 10/28/98 |
| CHECKED BY    |          |
| QUANTITIES BY |          |
| NOTES         |          |
| ORIGINAL PLAN |          |