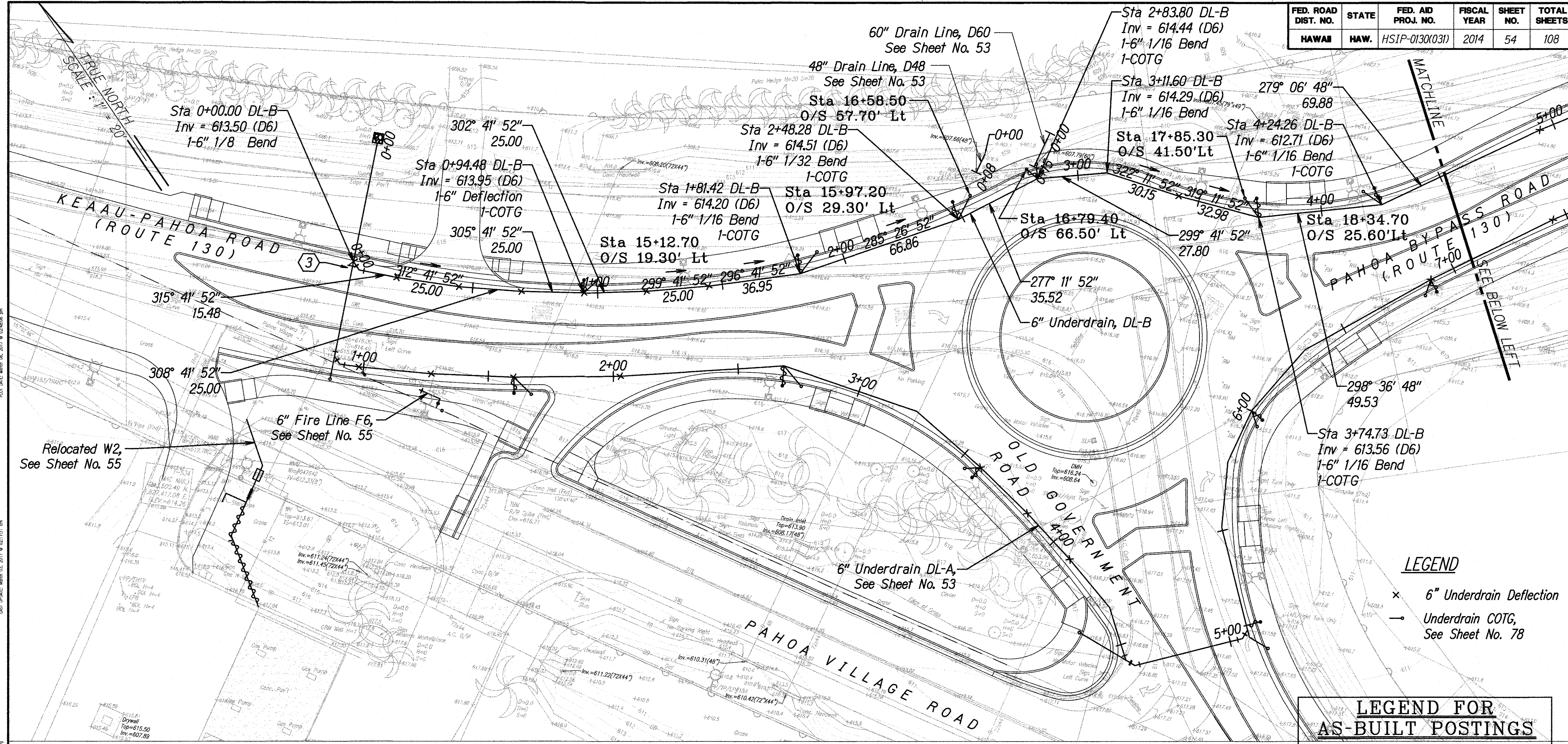






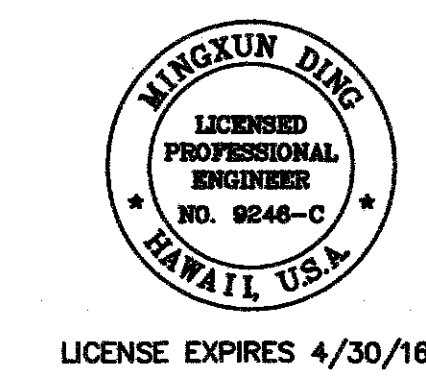
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | HSIP-0130(031)     | 2014        | 54        | 108          |



- LEGEND**
- × 6" Underdrain Deflection
  - Underdrain COTG, See Sheet No. 78

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

| COORDINATE TABLE |           |            |                       |
|------------------|-----------|------------|-----------------------|
| Point            | Northing  | Easting    | Description           |
| 3                | 243535.58 | 1827499.75 | Begin Underdrain DL-B |
| 4                | 243279.82 | 1828046.47 | End Underdrain DL-B   |



LICENSE EXPIRES 4/30/16  
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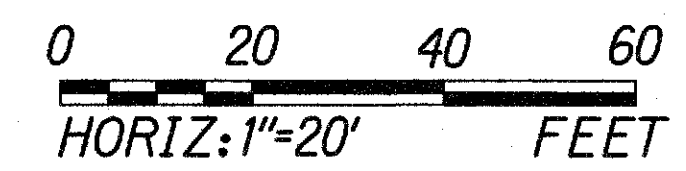
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**UTILITY PLAN 2**  
**DL-B**

**Keau-Pahoa Road Intersection**  
**Improvements at Old Government Road**  
**Federal-Aid Project No. HSIP-0130(031)**

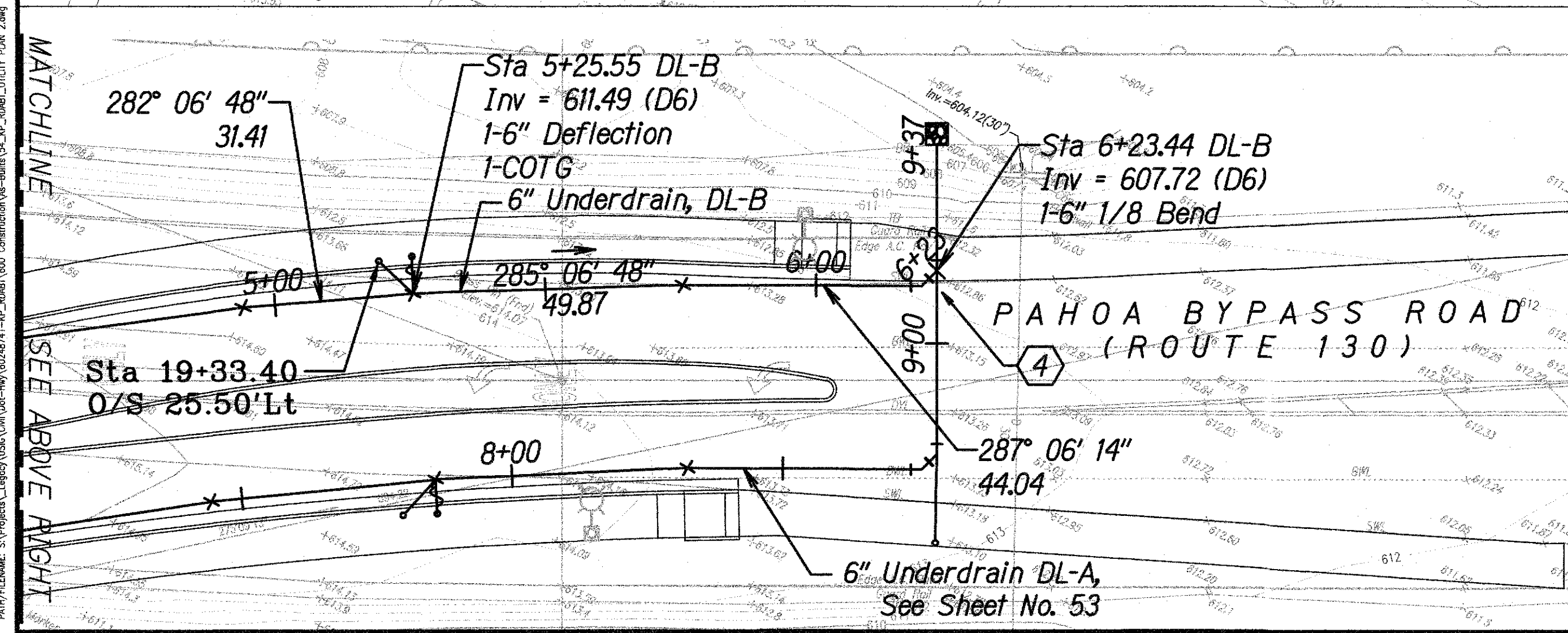
Scale: 1" = 20' Date: August 2013

**SHEET No. 2 OF 6 SHEETS**



Utility Plan - 2  
Scale: 1" = 20'

|                   |       |
|-------------------|-------|
| DATE              | _____ |
| SURVEY PLOTTED BY | _____ |
| DRAWN BY          | _____ |
| DESIGNED BY       | _____ |
| CHECKED BY        | _____ |
| ORIGINAL PLAN     | _____ |
| NOTE BOOK         | _____ |
| QUANTITIES BY     | _____ |
| NO.               | _____ |





PLOT DATE: March 06, 2017 @ 02:19:49 pmAST UPDATE: March 06, 2017 @ 02:19:11 pm

PATH/FILENAME: S:\Projects\Legacy\USIG\Civil\Dot-Hwy\60248741-KP\_RDMBT\600 Construction\As-Built\55\_KP\_RDMBT\_UTILITY PLAN 3.dwg

APPROVED:

Manager, Department of Water Supply  
County of Hawaii

Date \_\_\_\_\_



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282

UTILITY PLAN 3

F6 & Relocated W2

Keaau-Pahoa Road Intersection  
Improvements at Old Government Road  
Federal-Aid Project No. HSIP-0130(031)

Scale: 1" = 20'

Date: August 2013

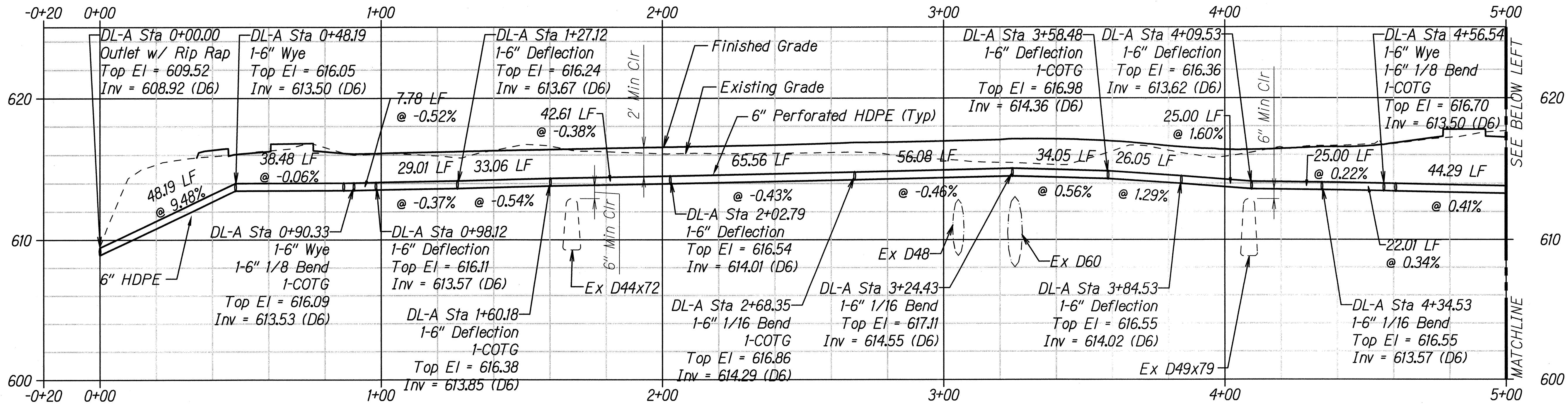
**SHEET No. 3 OF 6 SHEETS**

55

## "AS-BUILT"

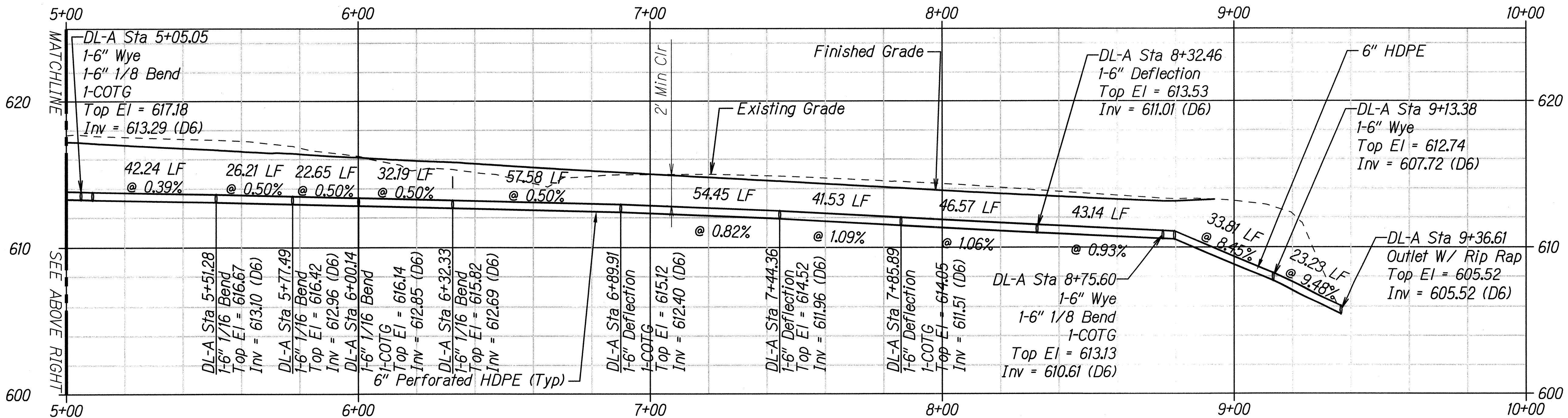


| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | HSIP-0130(031)     | 2014        | 56        | 108          |



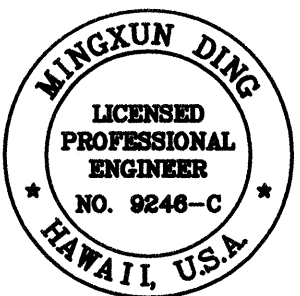
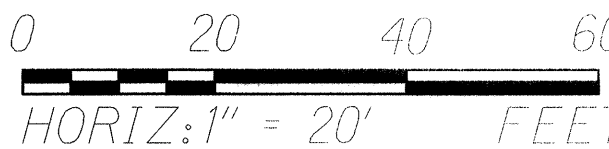
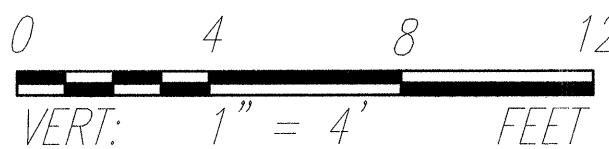
6" UNDERDRAIN DL-A PROFILE

Horizontal Scale: 1" = 20'  
Vertical Scale: 1" = 4'



6" UNDERDRAIN DL-A PROFILE

Horizontal Scale: 1" = 20'  
Vertical Scale: 1" = 4'



LICENSE EXPIRES 4/30/14

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*Signature*

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

UTILITY PROFILE - 1

DL-A

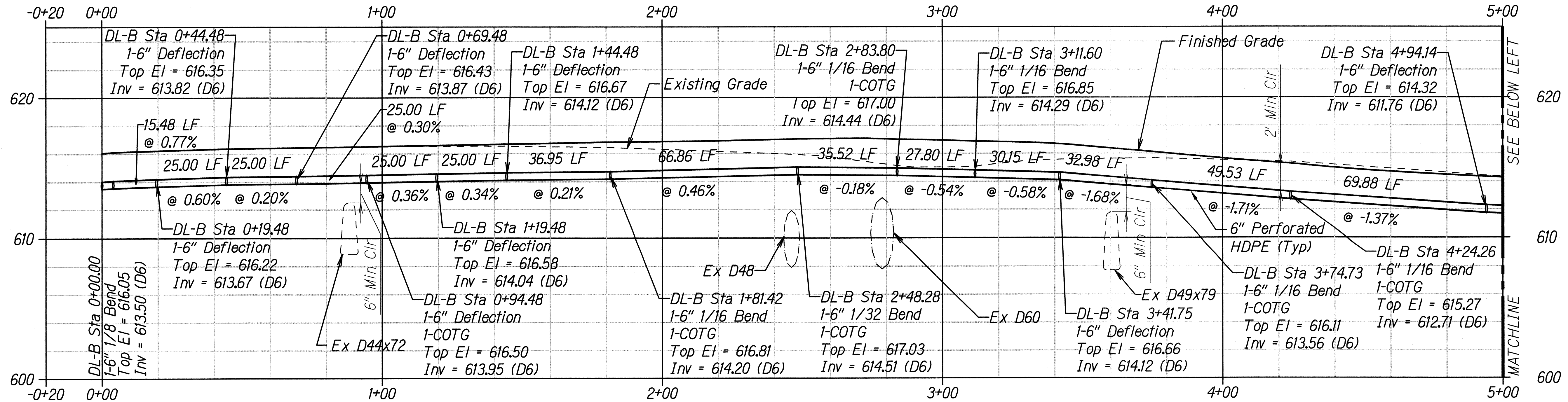
Kaau-Pahoa Road Intersection  
Improvements at Old Government Road  
Federal-Aid Project No. HSIP-0130(031)

Scale: As Shown Date: August 2013

SHEET NO. 4 OF 6 SHEETS

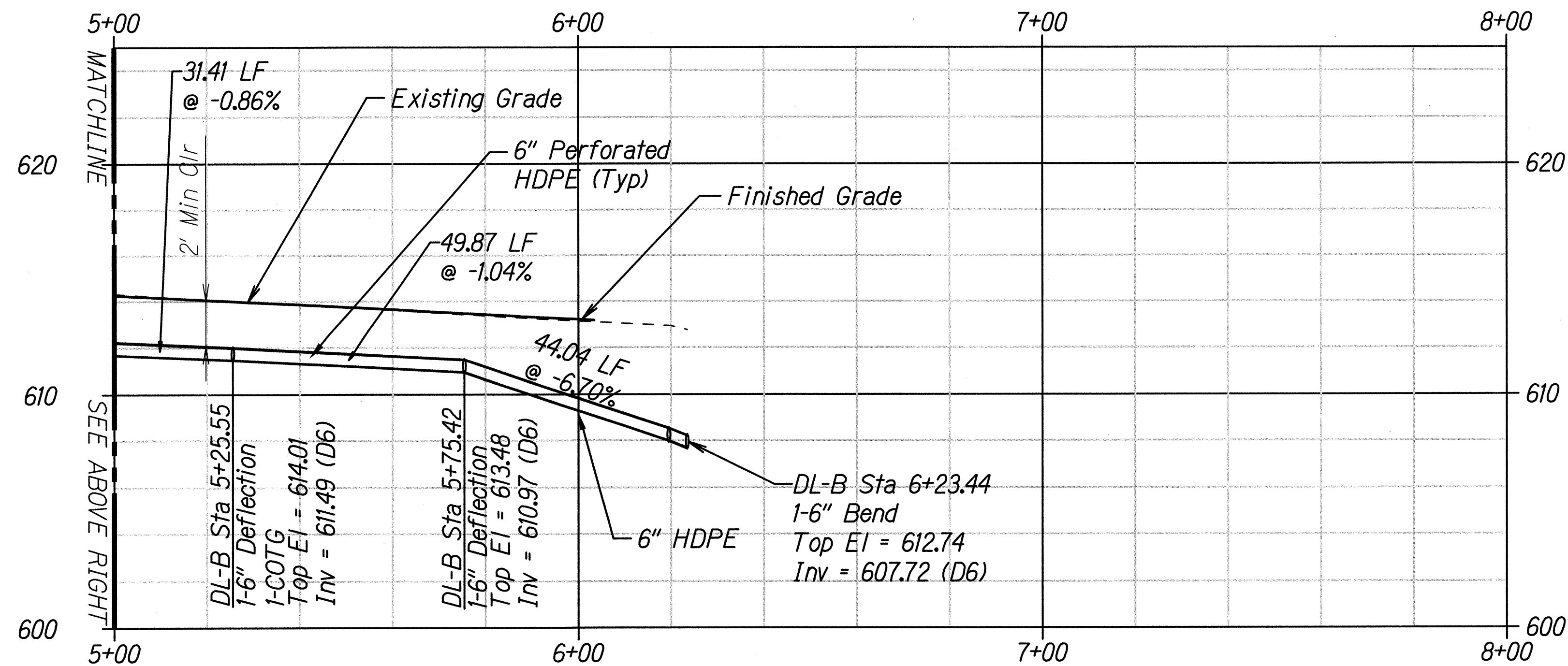


| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | HSIP-0130(031)     | 2014        | 57        | 108          |



### 6" UNDERDRAIN DL-B PROFILE

Horizontal Scale: 1" = 20'  
Vertical Scale: 1" = 4'



### 6" UNDERDRAIN DL-B PROFILE

Horizontal Scale: 1" = 20'  
Vertical Scale: 1" = 4'



LICENSE EXPIRES 4/30/14

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*LPV*

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

UTILITY PROFILE - 2  
DL-B  
Keaau-Pahoa Road Intersection  
Improvements at Old Government Road  
Federal-Aid Project No. HSIP-0130(031)

Scale: As Shown      Date: August 2013

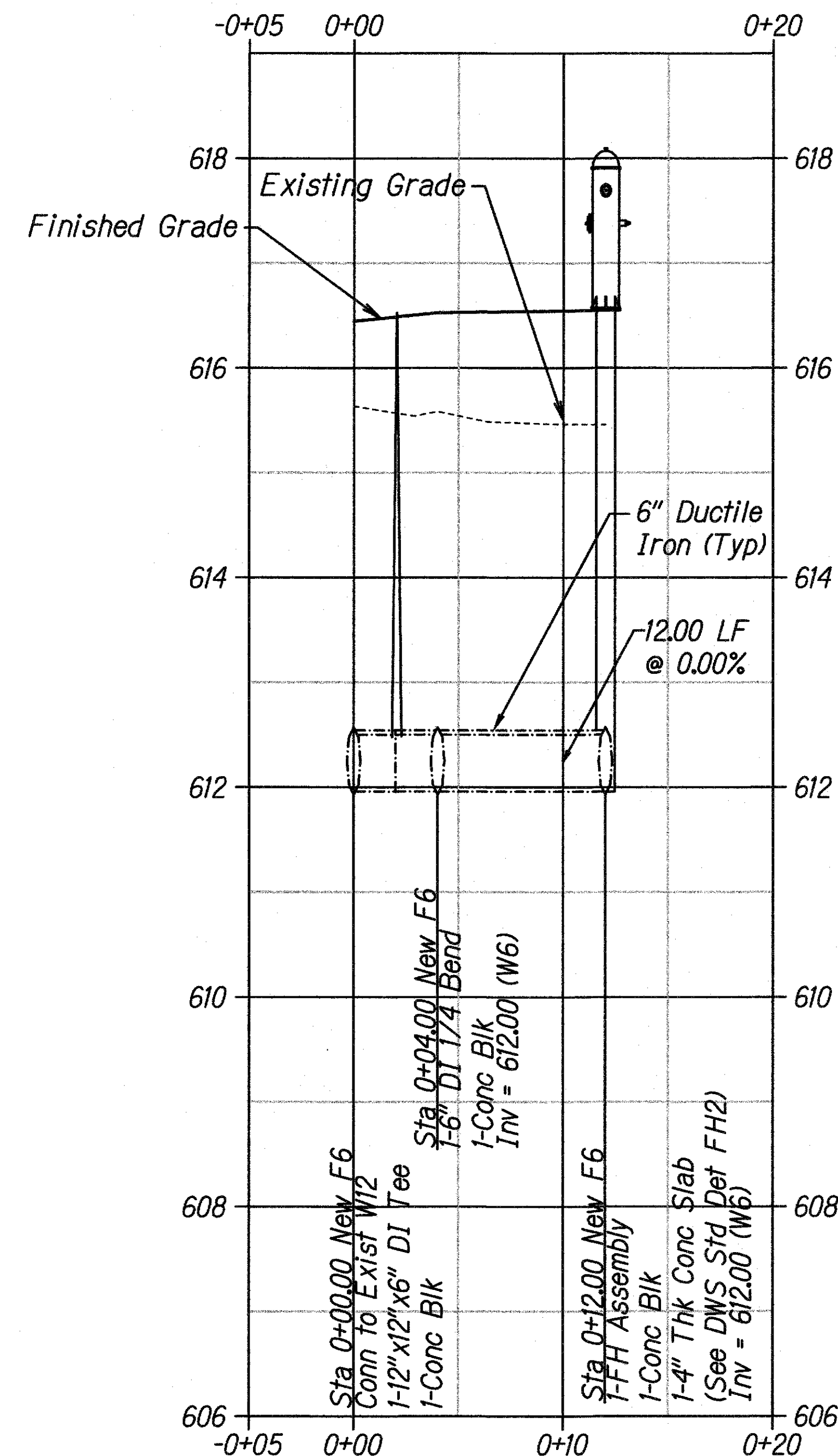
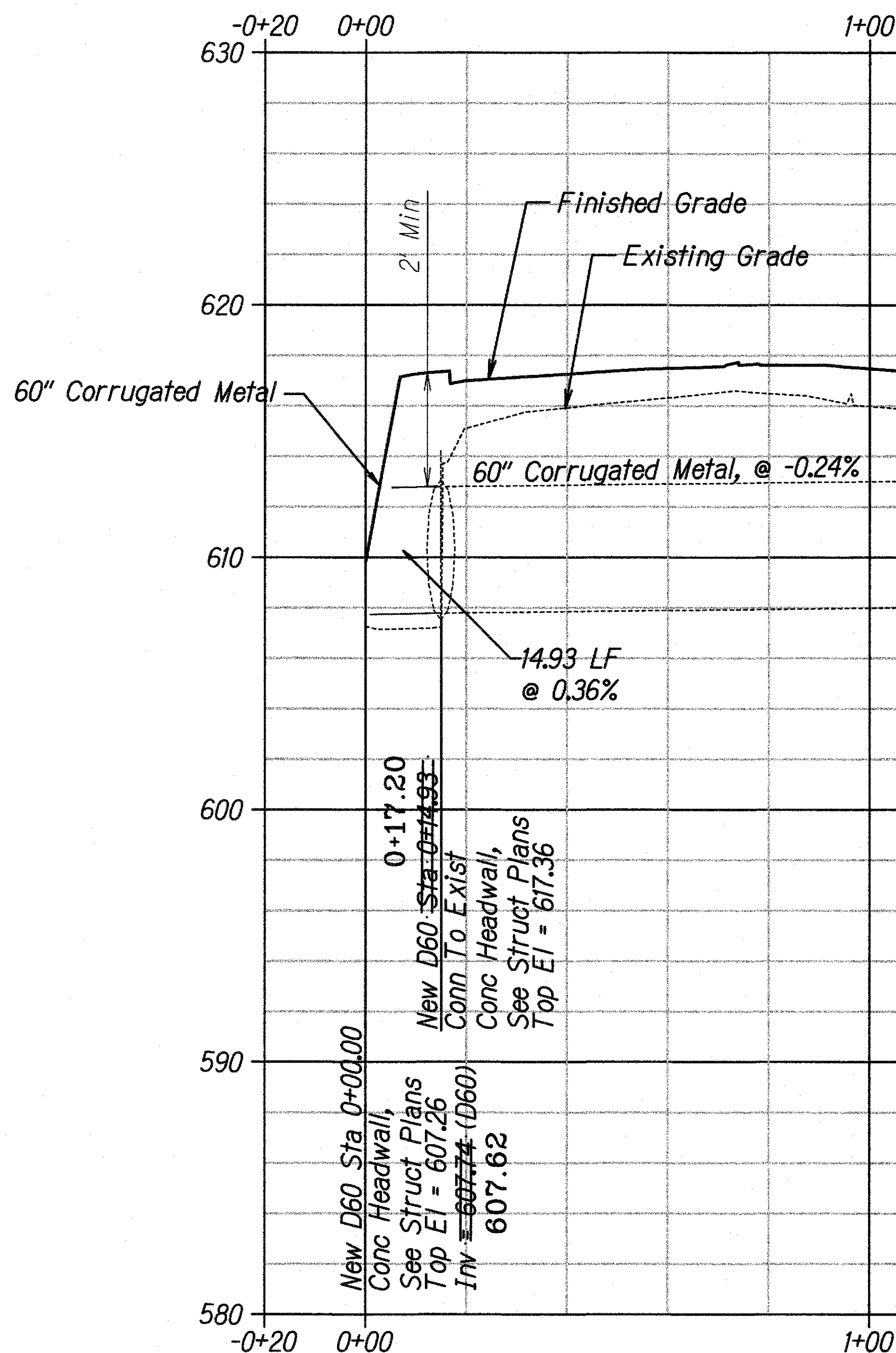
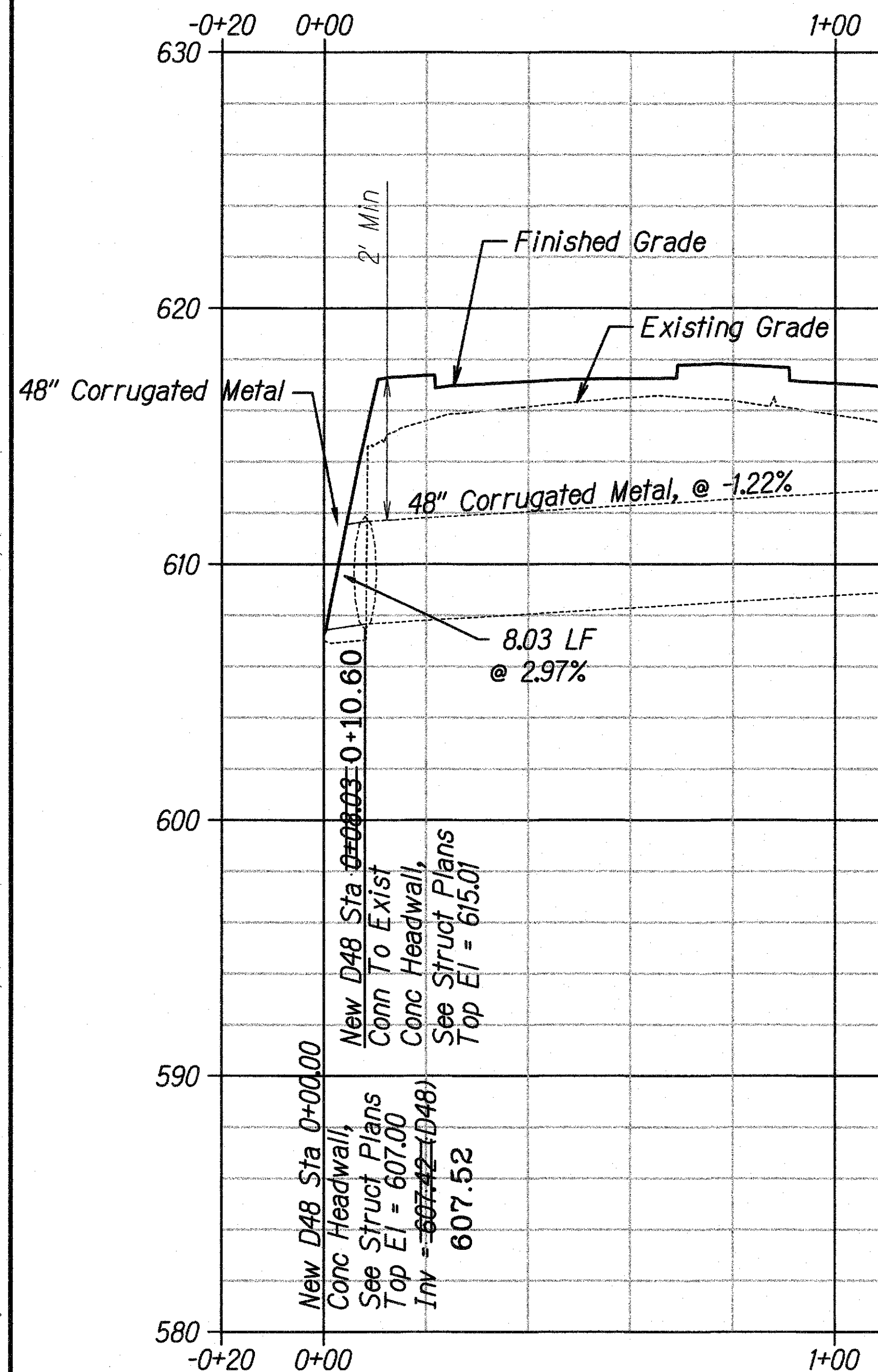
SHEET No. 4 OF 5 SHEETS

0 4 8 12  
VERT: 1" = 4' FEET

0 20 40 60  
HORIZ: 1" = 20' FEET



| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | HSIP-0130(031)     | 2014        | 58        | 108          |

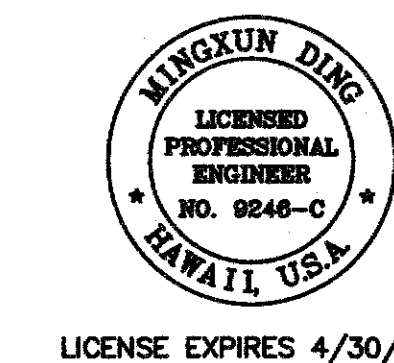


**LEGEND FOR AS-BUILT POSTINGS**

~~~~~ Squiggly line for as-built deletion

===== Double line for as-built deletion

Roadway Text for as-built posting



LICENSE EXPIRES 4/30/18

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STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**UTILITY PROFILE - 3**

D48, D60 & F6

**Kaau-Pahoa Road Intersection**

**Improvements at Old Government Road**

**Federal-Aid Project No. HSIP-0130(031)**

Scale: As Shown Date: August 2013

SHEET No. 6 OF 6 SHEETS



"AS-BUILT"