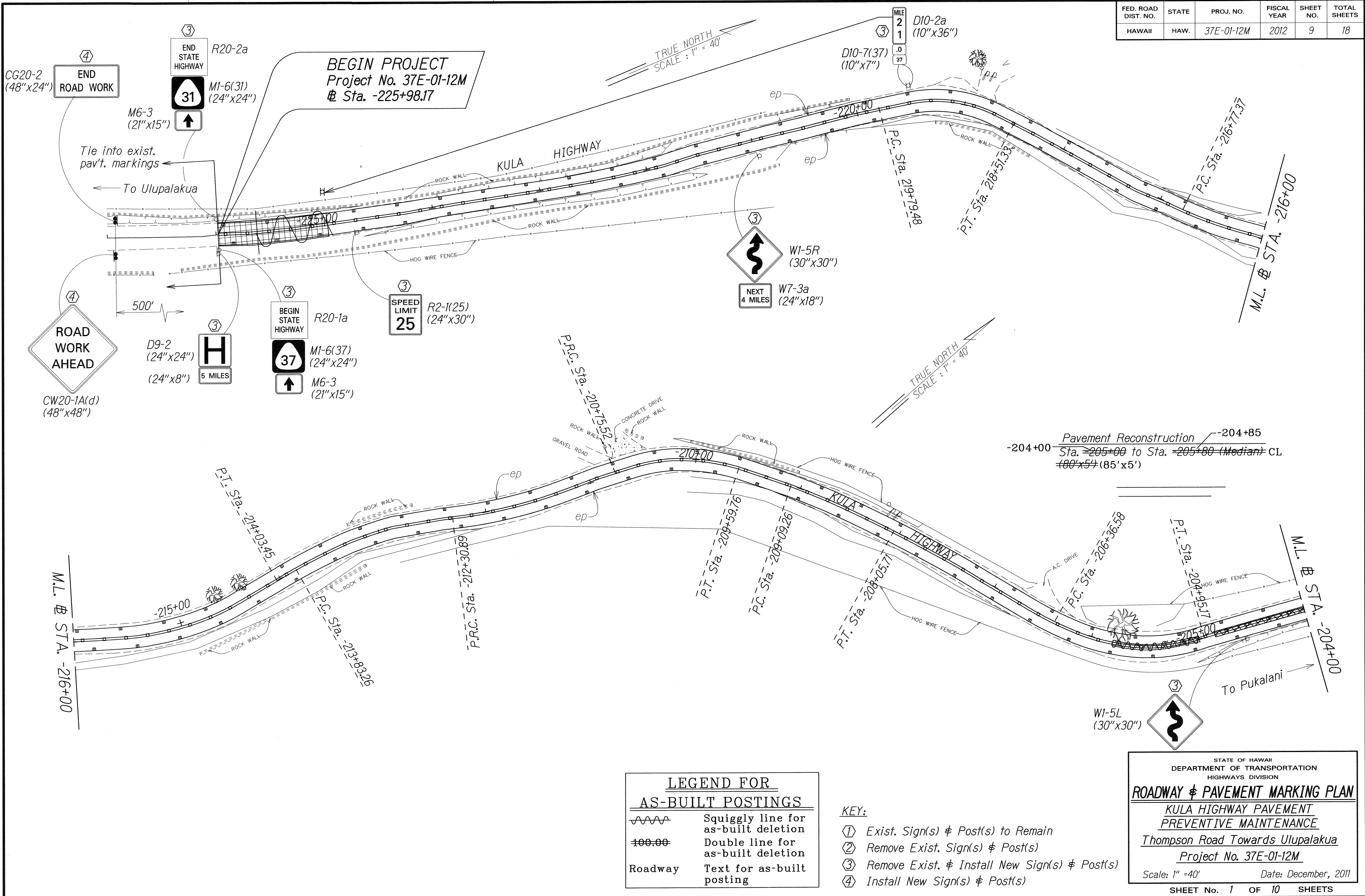


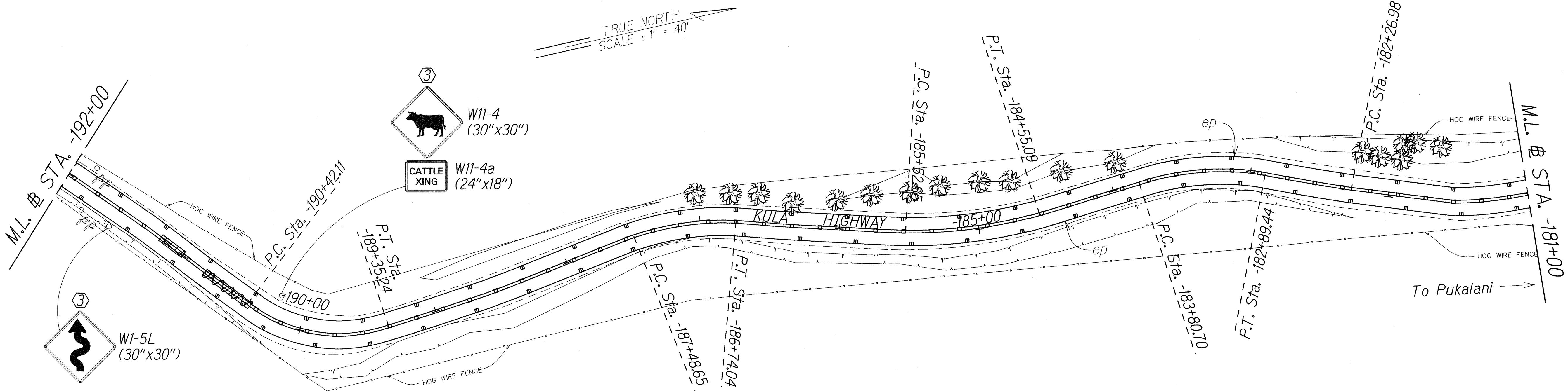
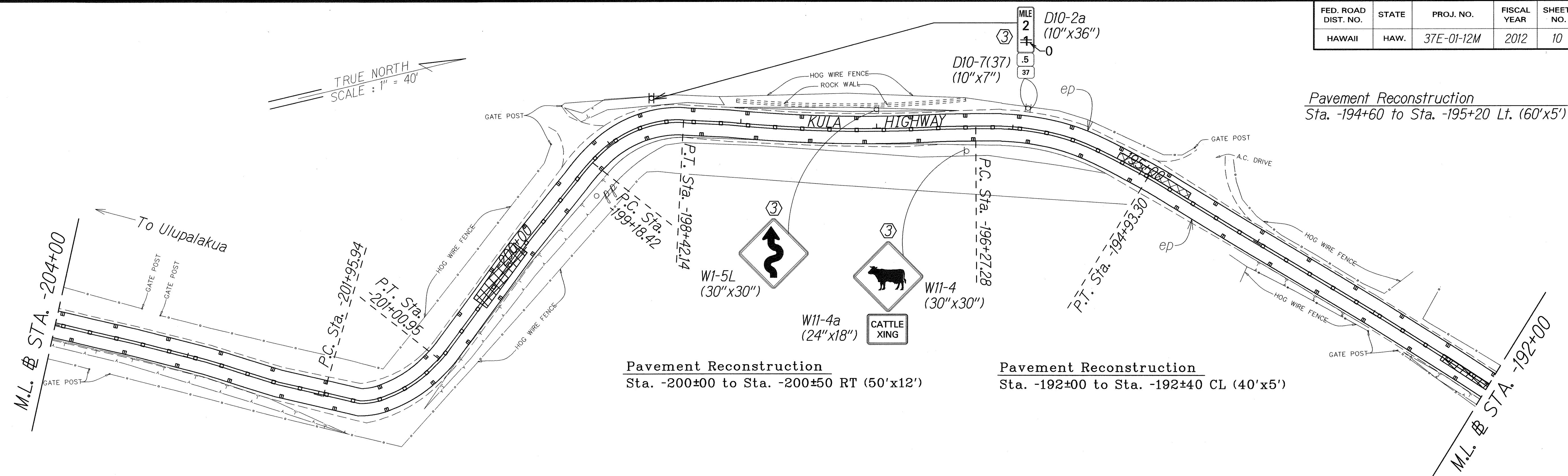
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	37E-01-12M	2012	9	18



SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NOTED BY	
DATE	

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	37E-01-12M	2012	10	18



Pavement Reconstruction
 Sta. -190+40 to Sta. -190+80 (Median) CL
 (40'x5') Sta. -191±00 to Sta. -191±16 CL (16'x5')

LEGEND FOR AS-BUILT POSTINGS

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

~~100.00~~ Double line for as-built deletion

Roadway Text for as-built posting

- KEY:**
- ① Exist. Sign(s) & Post(s) to Remain
  - ② Remove Exist. Sign(s) & Post(s)
  - ③ Remove Exist. & Install New Sign(s) & Post(s)
  - ④ Install New Sign(s) & Post(s)

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

**ROADWAY & PAVEMENT MARKING PLAN**

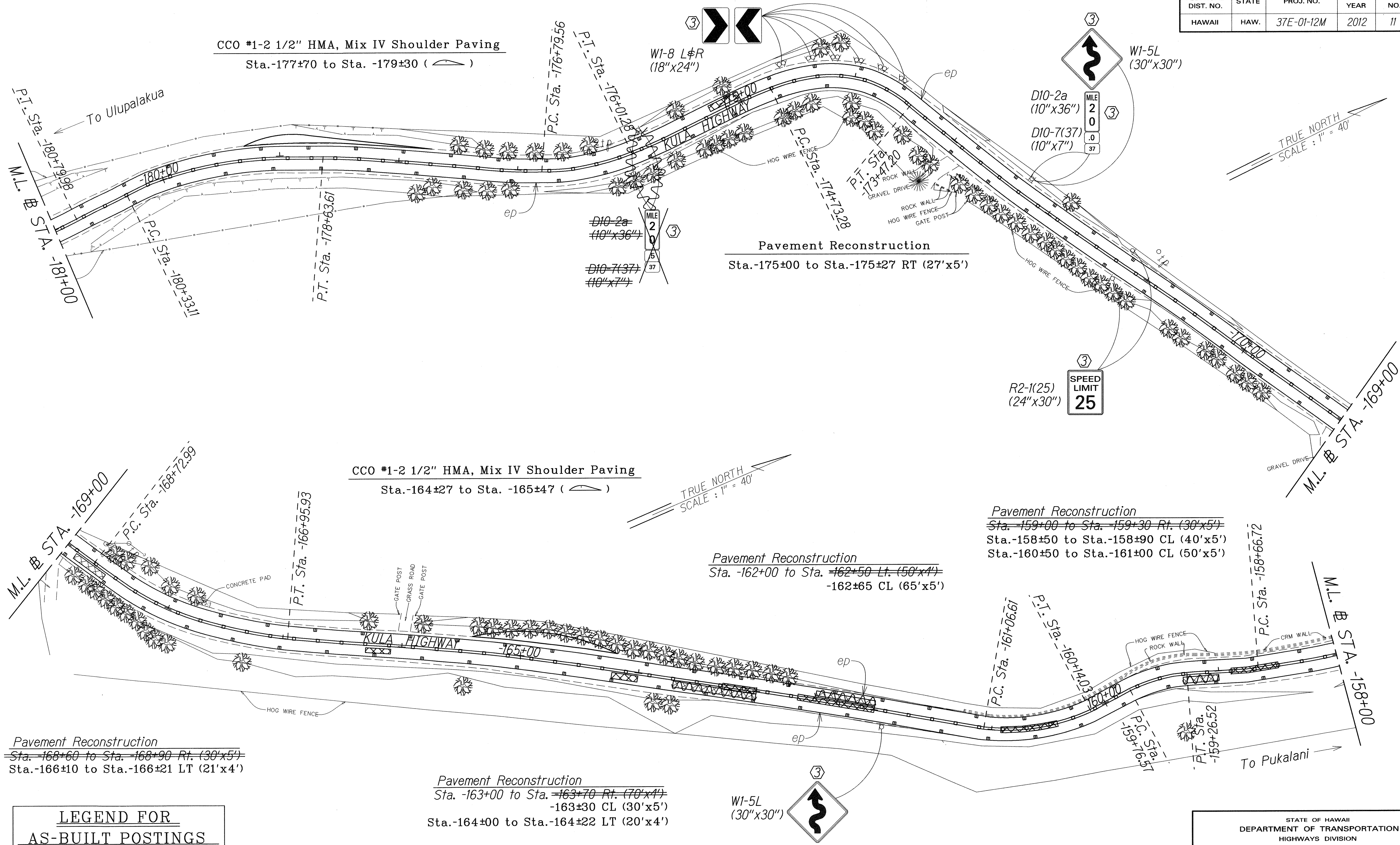
KULA HIGHWAY PAVEMENT PREVENTIVE MAINTENANCE  
Thompson Road Towards Ulupalakua  
Project No. 37E-01-12M  
 Scale: 1" = 40' Date: December, 2011

SHEET No. 2 OF 10 SHEETS

|                   |      |
|-------------------|------|
| SURVEY PLOTTED BY | DATE |
| DRAWN BY          |      |
| TRACED BY         |      |
| DESIGNED BY       |      |
| CHECKED BY        |      |
| ORIGINAL PLAN     |      |
| NOTE BOOK         |      |
| NO. Xogn          |      |

"AS-BUILT"

| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 37E-01-12M | 2012        | 11        | 18           |



|               |        |
|---------------|--------|
| DATE          | 1/1/12 |
| DESIGNED BY   | XXX    |
| CHECKED BY    | XXX    |
| IN CHARGE     | XXX    |
| NOTED         | XXX    |
| ORIGINAL PLAN | XXX    |

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

- KEY:
- ① Exist. Sign(s) & Post(s) to Remain
  - ② Remove Exist. Sign(s) & Post(s)
  - ③ Remove Exist. & Install New Sign(s) & Post(s)
  - ④ Install New Sign(s) & Post(s)

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

ROADWAY & PAVEMENT MARKING PLAN

KULA HIGHWAY PAVEMENT  
PREVENTIVE MAINTENANCE

Thompson Road Towards Ulupalakua

Project No. 37E-01-12M

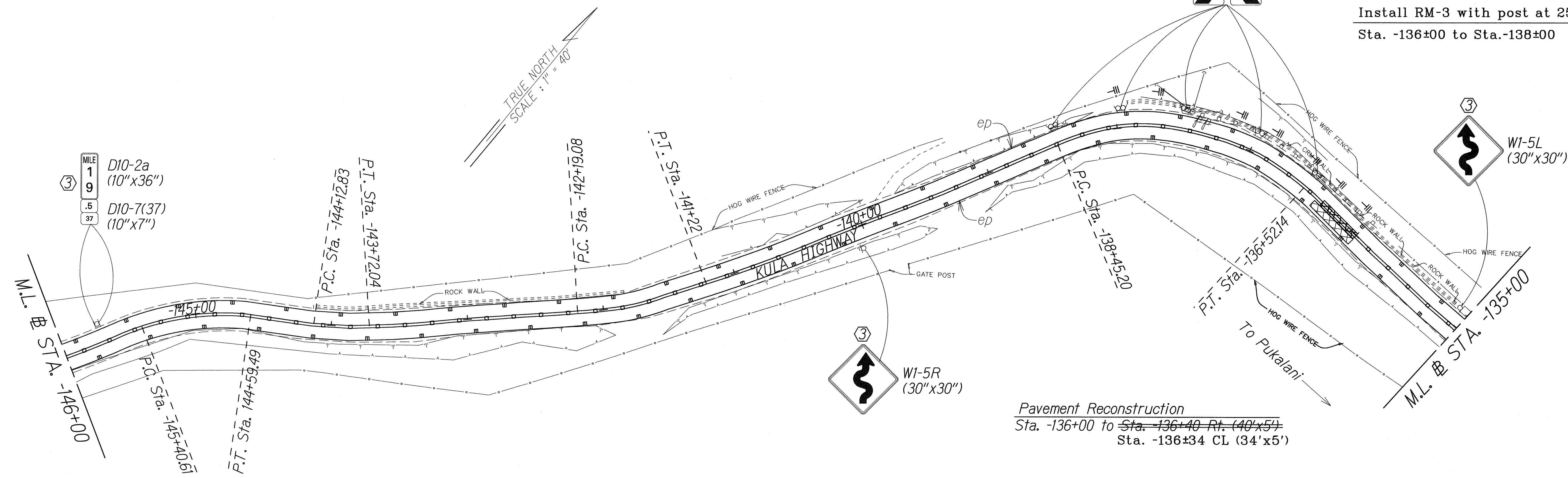
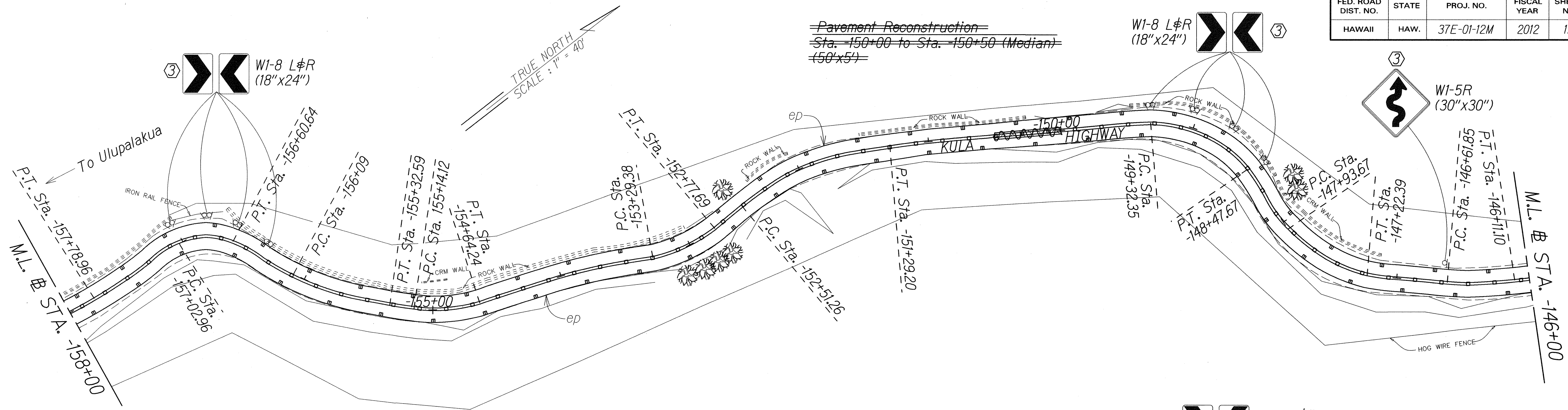
Scale: 1" = 40'

Date: December, 2011

SHEET No. 3 OF 10 SHEETS

"AS-BUILT"

| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 37E-01-12M | 2012        | 12        | 18           |



|                   |       |
|-------------------|-------|
| DATE              | _____ |
| SURVEY PLOTTED BY | _____ |
| DRAWN BY          | _____ |
| CHECKED BY        | _____ |
| NOTE BOOK         | _____ |
| QUANTITIES BY     | _____ |
| CHECKED BY        | _____ |
| ORIGINAL PLAN     | _____ |

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

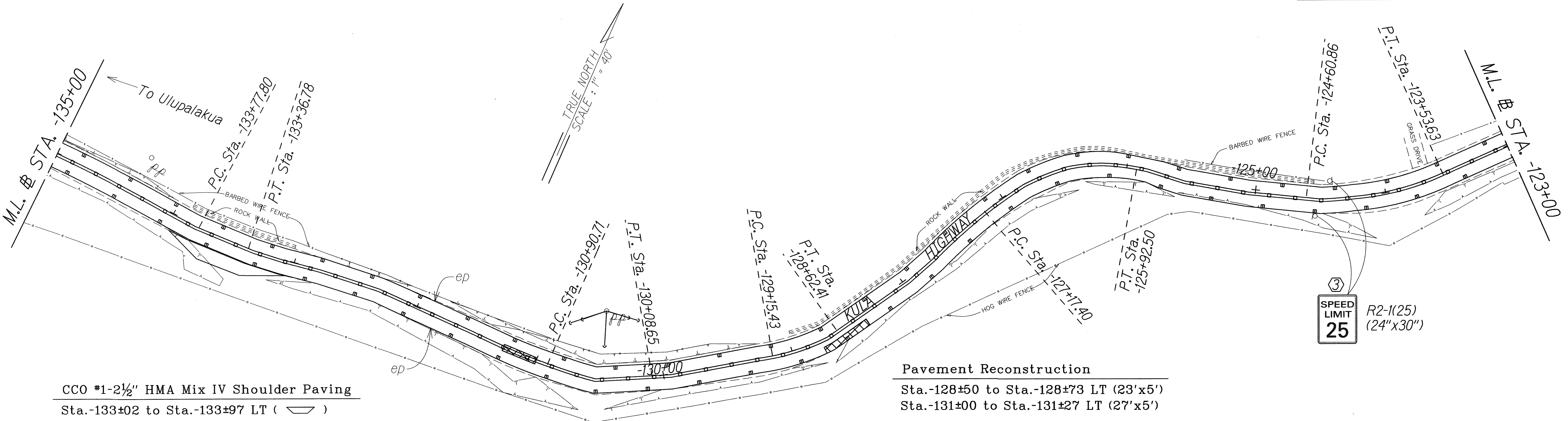
- KEY:
- ① Exist. Sign(s) & Post(s) to Remain
  - ② Remove Exist. Sign(s) & Post(s)
  - ③ Remove Exist. & Install New Sign(s) & Post(s)
  - ④ Install New Sign(s) & Post(s)

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

ROADWAY & PAVEMENT MARKING PLAN  
KULA HIGHWAY PAVEMENT  
PREVENTIVE MAINTENANCE  
Thompson Road Towards Ulupalakua  
Project No. 37E-01-12M  
Scale: 1" = 40'      Date: December, 2011  
SHEET No. 4 OF 10 SHEETS

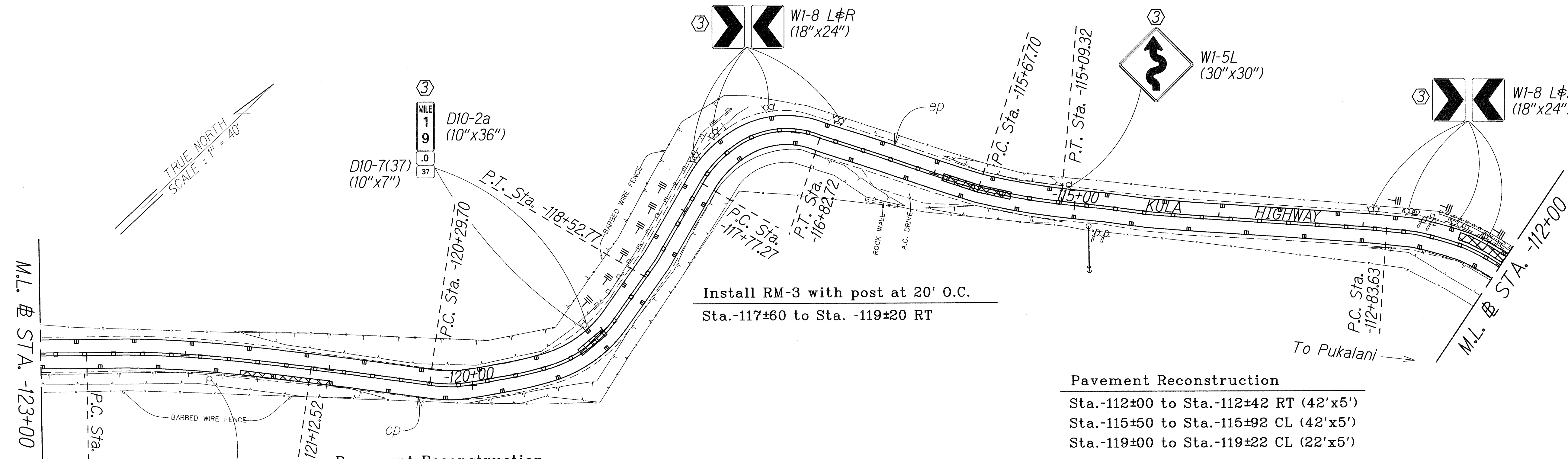
"AS-BUILT"

| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 37E-01-12M | 2012        | 13        | 18           |



CCO #1-2 1/2" HMA Mix IV Shoulder Paving  
Sta.-133±02 to Sta.-133±97 LT ( )

Pavement Reconstruction  
Sta.-128±50 to Sta.-128±73 LT (23'x5')  
Sta.-131±00 to Sta.-131±27 LT (27'x5')



W1-8 L&R  
(18"x24")

W1-5L  
(30"x30")

W1-8 L&R  
(18"x24")

Install RM-3 with post at 20' O.C.  
Sta.-117±60 to Sta. -119±20 RT

Pavement Reconstruction  
Sta.-112±00 to Sta.-112±42 RT (42'x5')  
Sta.-115±50 to Sta.-115±92 CL (42'x5')  
Sta.-119±00 to Sta.-119±22 CL (22'x5')

Pavement Reconstruction  
Sta.-121±00 to Sta.-121±62 LT (62'x3')

LEGEND FOR  
AS-BUILT POSTINGS

Squiggly line for  
as-built deletion

Double line for  
as-built deletion

Text for as-built  
posting

- KEY:
- ① Exist. Sign(s) & Post(s) to Remain
  - ② Remove Exist. Sign(s) & Post(s)
  - ③ Remove Exist. & Install New Sign(s) & Post(s)
  - ④ Install New Sign(s) & Post(s)

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

ROADWAY & PAVEMENT MARKING PLAN

KULA HIGHWAY PAVEMENT  
PREVENTIVE MAINTENANCE

Thompson Road Towards Ulupalakua

Project No. 37E-01-12M

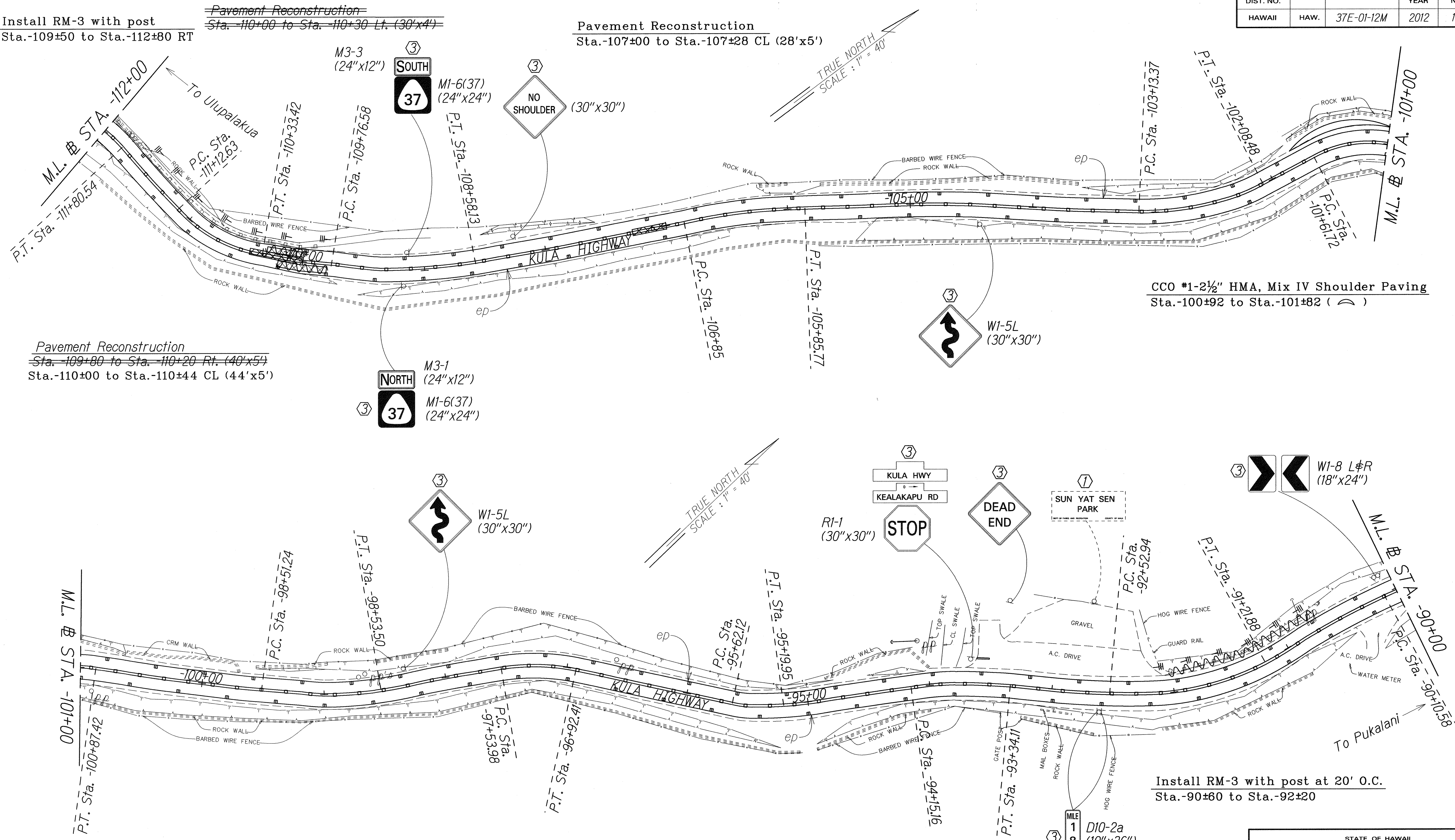
Scale: 1" = 40'      Date: December, 2011

SHEET No. 5 OF 10 SHEETS

|               |      |
|---------------|------|
| ORIGINAL PLAN | DATE |
| NOTED BY      |      |
| DESIGNED BY   |      |
| CHECKED BY    |      |
| DRAWN BY      |      |
| TRACED BY     |      |
| QUANTITIES BY |      |
| CHECKED BY    |      |

"AS-BUILT"

| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 37E-01-12M | 2012        | 14        | 18           |



Pavement Reconstruction  
Sta. -109±80 to Sta. -110±20 RT (40'x5')  
Sta. -110±00 to Sta. -110±44 CL (44'x5')

CCO #1-2½" HMA, Mix IV Shoulder Paving  
Sta. -100±92 to Sta. -101±82 ( )

Install RM-3 with post at 20' O.C.  
Sta. -90±60 to Sta. -92±20

**LEGEND FOR AS-BUILT POSTINGS**

|         |                                     |
|---------|-------------------------------------|
|         | Squiggly line for as-built deletion |
|         | Double line for as-built deletion   |
| Roadway | Text for as-built posting           |

- KEY:**
- ① Exist. Sign(s) & Post(s) to Remain
  - ② Remove Exist. Sign(s) & Post(s)
  - ③ Remove Exist. & Install New Sign(s) & Post(s)
  - ④ Install New Sign(s) & Post(s)

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**ROADWAY & PAVEMENT MARKING PLAN**

**KULA HIGHWAY PAVEMENT PREVENTIVE MAINTENANCE**

Thompson Road Towards Ulupalakua  
Project No. 37E-01-12M

Scale: 1" = 40' Date: December, 2011

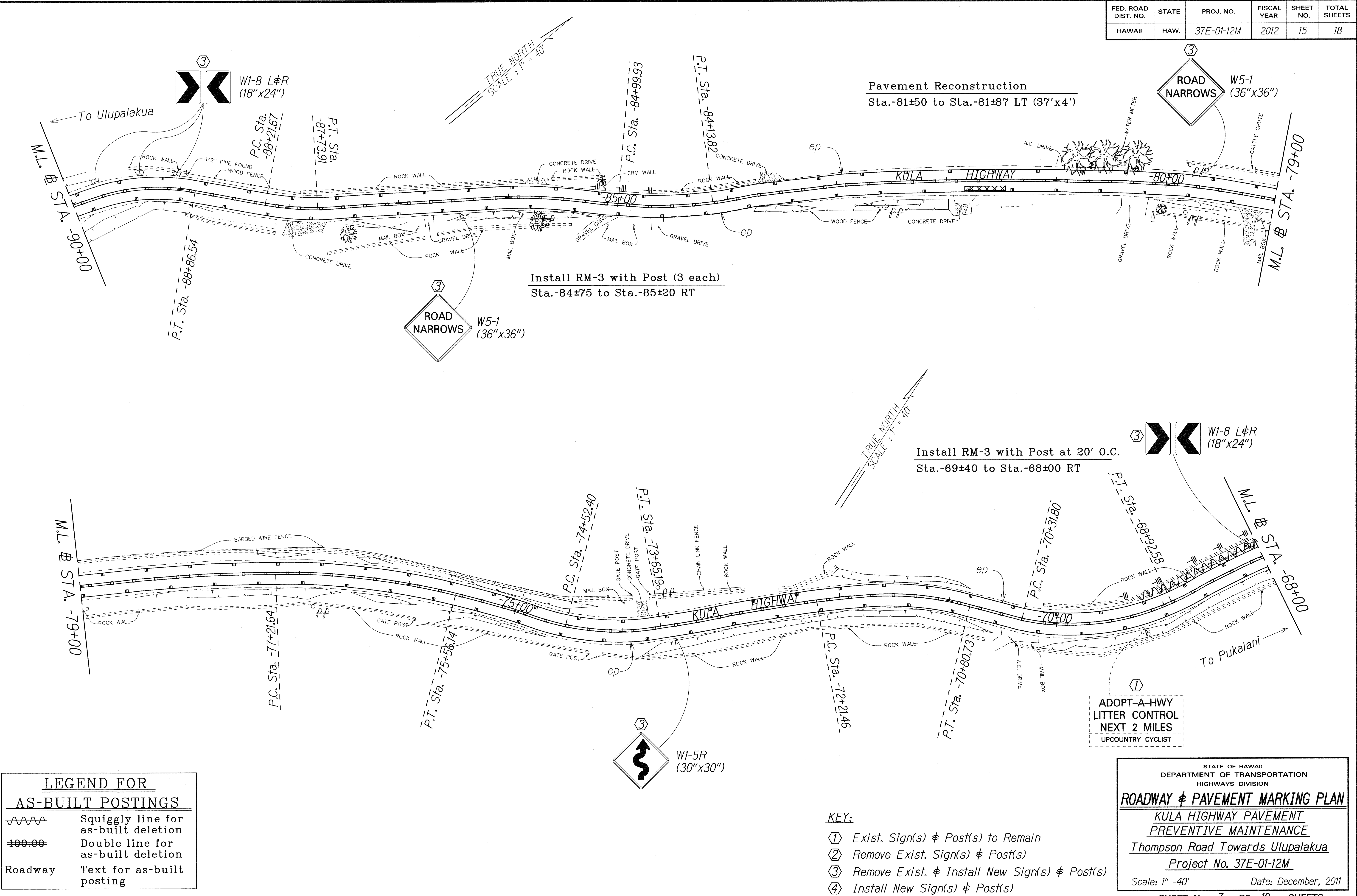
SHEET No. 6 OF 10 SHEETS

|                   |      |
|-------------------|------|
| SURVEY PLOTTED BY | DATE |
| DRAWN BY          |      |
| TRACED BY         |      |
| DESIGNED BY       |      |
| CHECKED BY        |      |

ORIGINAL PLAN  
NOTE BOOK  
NO. 1000  
DATE  
12/1/11

"AS-BUILT"

| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 37E-01-12M | 2012        | 15        | 18           |



|               |                   |      |
|---------------|-------------------|------|
| ORIGINAL PLAN | SURVEY PLOTTED BY | DATE |
| NOTED BY      | DRAWN BY          |      |
| NOTED BY      | CHECKED BY        |      |
| NOTED BY      | CHECKED BY        |      |
| NOTED BY      | CHECKED BY        |      |
| NOTED BY      | CHECKED BY        |      |
| NOTED BY      | CHECKED BY        |      |
| NOTED BY      | CHECKED BY        |      |
| NOTED BY      | CHECKED BY        |      |
| NOTED BY      | CHECKED BY        |      |

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

- KEY:
- ① Exist. Sign(s) & Post(s) to Remain
  - ② Remove Exist. Sign(s) & Post(s)
  - ③ Remove Exist. & Install New Sign(s) & Post(s)
  - ④ Install New Sign(s) & Post(s)

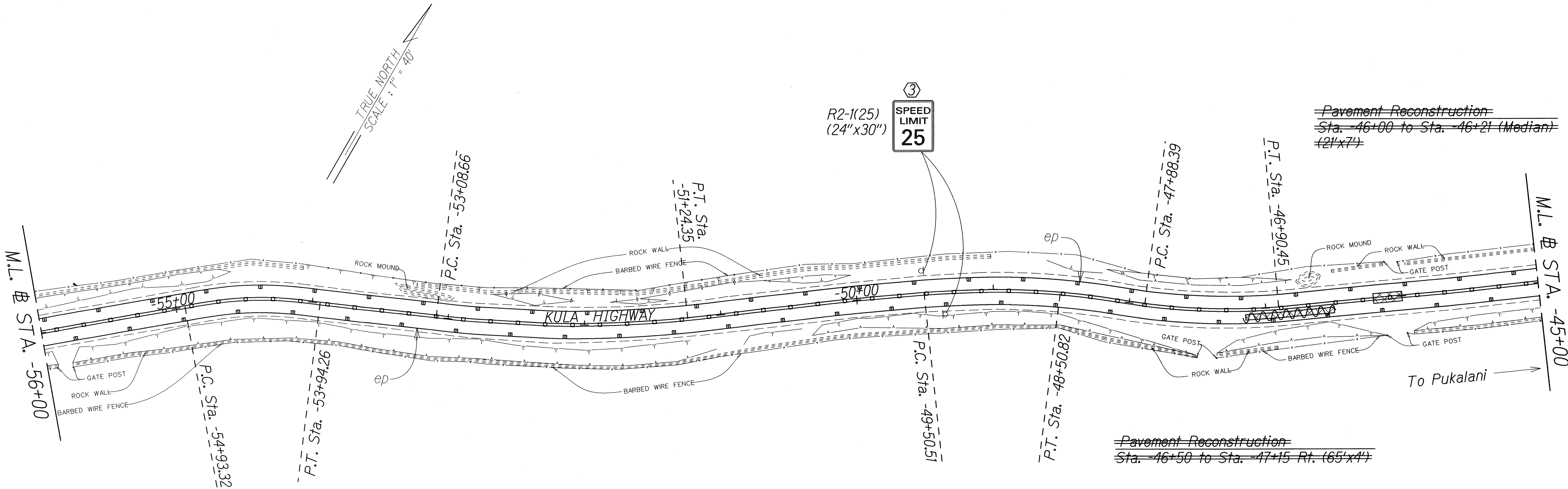
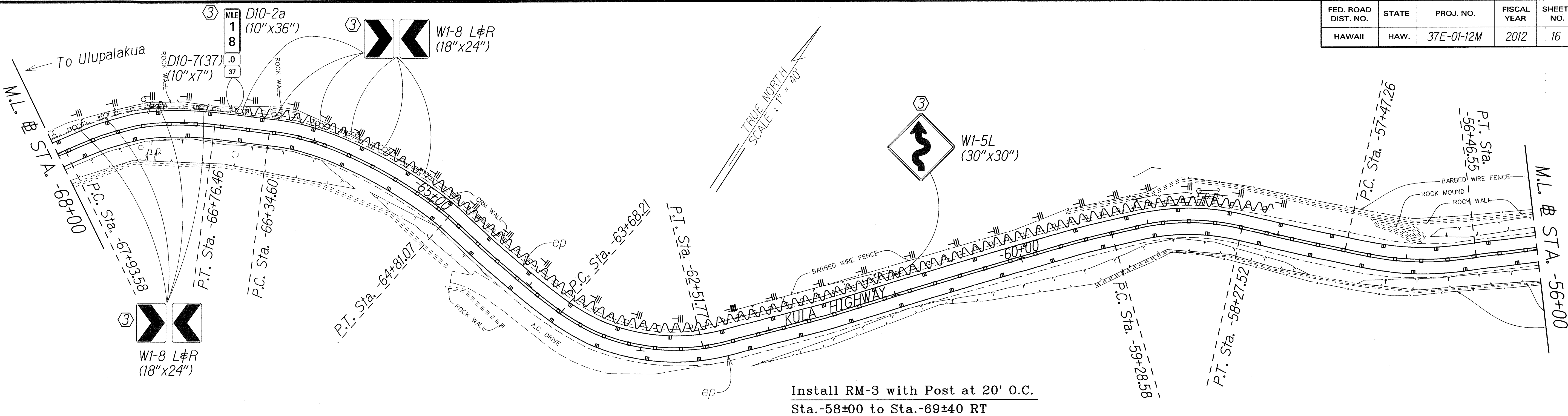
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

ROADWAY & PAVEMENT MARKING PLAN  
KULA HIGHWAY PAVEMENT  
PREVENTIVE MAINTENANCE  
Thompson Road Towards Ulupalakua  
Project No. 37E-01-12M  
Scale: 1" = 40'      Date: December, 2011

SHEET No. 7 OF 10 SHEETS

"AS-BUILT"

| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 37E-01-12M | 2012        | 16        | 18           |



|                   |       |
|-------------------|-------|
| DATE              | _____ |
| SURVEY PLOTTED BY | _____ |
| DRAWN BY          | _____ |
| NOTED BY          | _____ |
| CHECKED BY        | _____ |
| ORIGINAL PLAN     | _____ |
| NOTE BOOK         | _____ |
| DATE              | _____ |
| BY                | _____ |
| CHECKED BY        | _____ |

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

- KEY:
- ① Exist. Sign(s) & Post(s) to Remain
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  - ③ Remove Exist. & Install New Sign(s) & Post(s)
  - ④ Install New Sign(s) & Post(s)

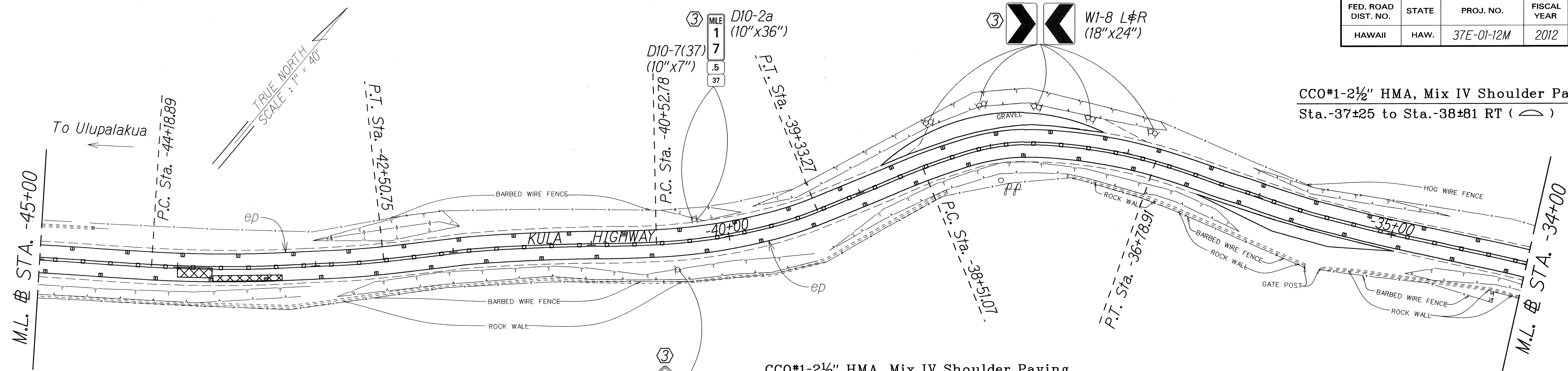
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

ROADWAY & PAVEMENT MARKING PLAN  
KULA HIGHWAY PAVEMENT  
PREVENTIVE MAINTENANCE  
Thompson Road Towards Ulupalakua  
Project No. 37E-01-12M  
Scale: 1" = 40'      Date: December, 2011

SHEET No. 8 OF 10 SHEETS

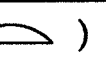
"AS-BUILT"

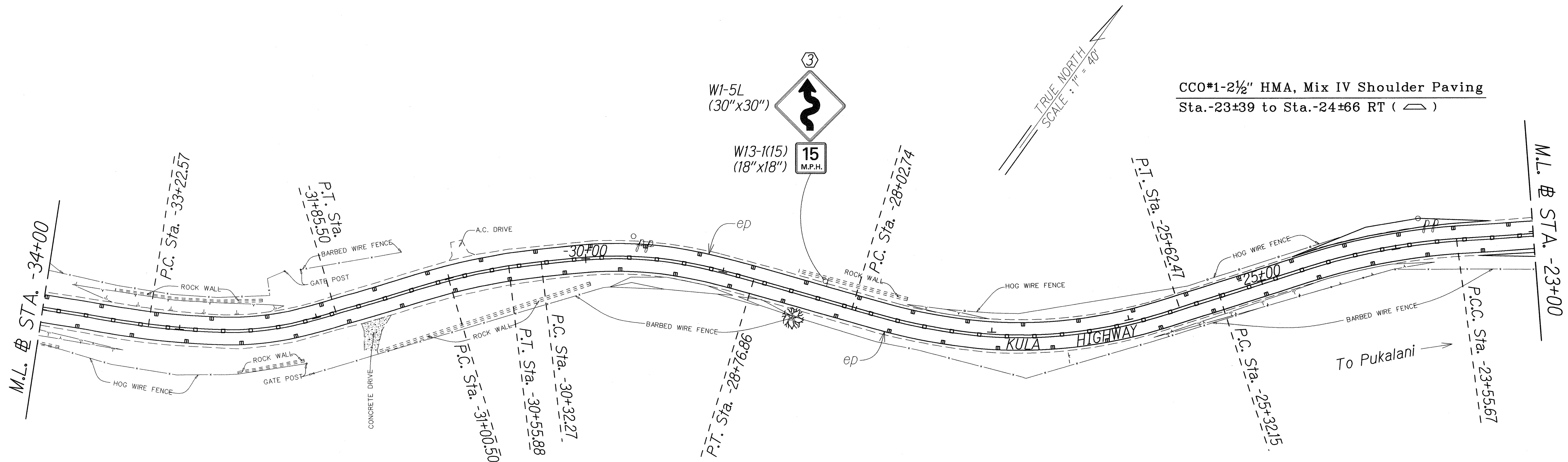
| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 37E-01-12M | 2012        | 17        | 18           |

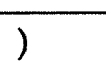


Pavement Reconstruction  
Sta.-43±75 to Sta.-44±00 LT (25'x7')  
Sta.-43±25 to Sta.-43±75 LT (50'x4')

CCO#1-2½" HMA, Mix IV Shoulder Paving  
Sta.-35±00 to Sta.-36±44 LT

CCO#1-2½" HMA, Mix IV Shoulder Paving  
Sta.-37±25 to Sta.-38±81 RT (  )

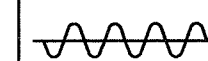
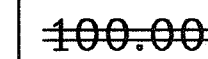


CCO#1-2½" HMA, Mix IV Shoulder Paving  
Sta.-23±39 to Sta.-24±66 RT (  )

WI-5L  
(30"x30")

W13-1(15)  
(18"x18")

#### LEGEND FOR AS-BUILT POSTINGS

 Squiggly line for  
as-built deletion  
 Double line for  
as-built deletion  
Roadway Text for as-built  
posting

#### KEY:

- ① Exist. Sign(s) & Post(s) to Remain
- ② Remove Exist. Sign(s) & Post(s)
- ③ Remove Exist. & Install New Sign(s) & Post(s)
- ④ Install New Sign(s) & Post(s)

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

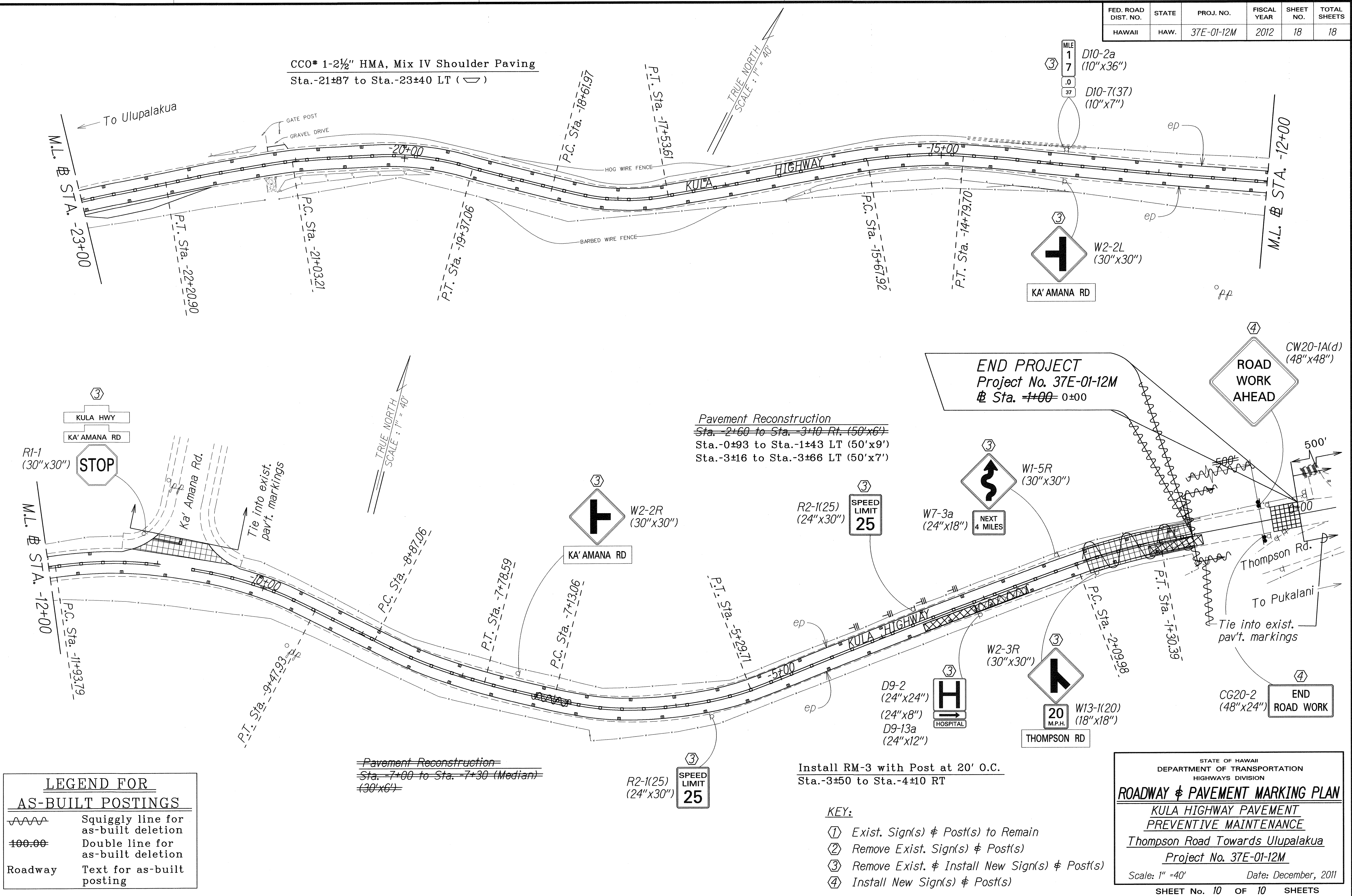
ROADWAY & PAVEMENT MARKING PLAN  
KULA HIGHWAY PAVEMENT  
PREVENTIVE MAINTENANCE  
Thompson Road Towards Ulupalakua  
Project No. 37E-01-12M  
Scale: 1" = 40' Date: December, 2011

SHEET No. 9 OF 10 SHEETS

|                   |      |
|-------------------|------|
| SURVEY PLOTTED BY | DATE |
| DRAWN BY          |      |
| CHECKED BY        |      |
| NOTED BY          |      |
| DESIGNED BY       |      |
| CONSTRUCTED BY    |      |
| ORIGINAL PLAN     |      |
| NOTE BOOK         |      |
| NO. X.dgn         |      |

"AS-BUILT"

| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 37E-01-12M | 2012        | 18        | 18           |



"AS-BUILT"