

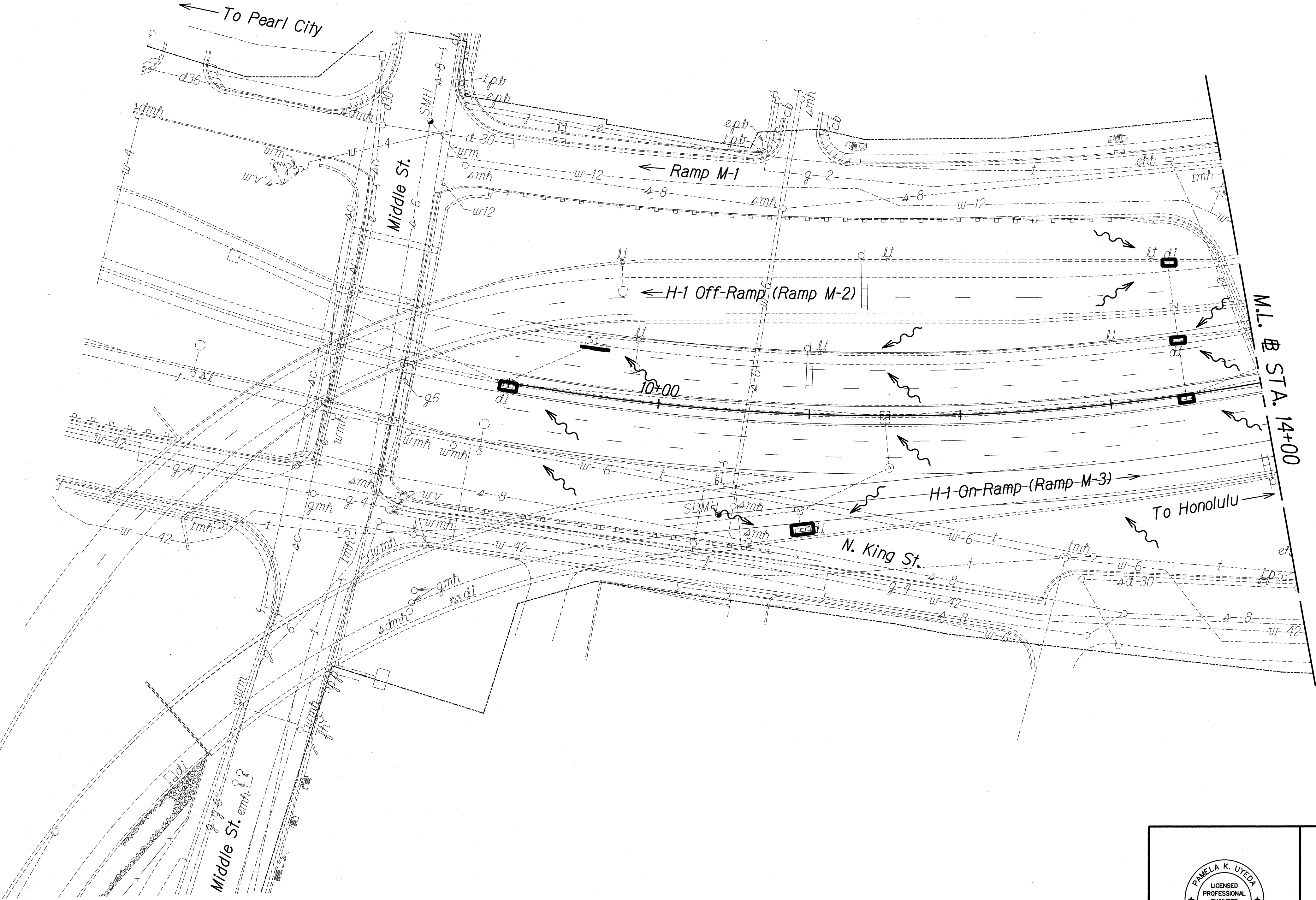
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(269)	2013	87	382

LEGEND:

Catch Basin Inlet Protection

Grate Inlet Protection

TRUE NORTH
SCALE: 1"=40'



ORIGINAL PLAN	DATE
DESIGNED BY	
DRAWN BY	
CHECKED BY	
NOTED BY	
DATE	

T-16459A IDIQ PAVIT PREVENTIVE MAINTENANCE/HI-MIDDLE TO WARD/CADD/SHEETS/04 ECP/EC-01.dgn

PAMELA K. UYEDA

LICENSED PROFESSIONAL ENGINEER

No. 10352-C

HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Signature

04/30/14

EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

EROSION CONTROL PLAN

STA. 9+00 TO STA. 14+00

INTERSTATE ROUTE H-1 REHABILITATION

Middle Street to Vicinity of Ward Avenue

FAP NO. IM-HI-1(269)

Scale: 1"=40'

Date: Apr. 26, 2013

SHEET No. EC-01 OF 23 SHEETS

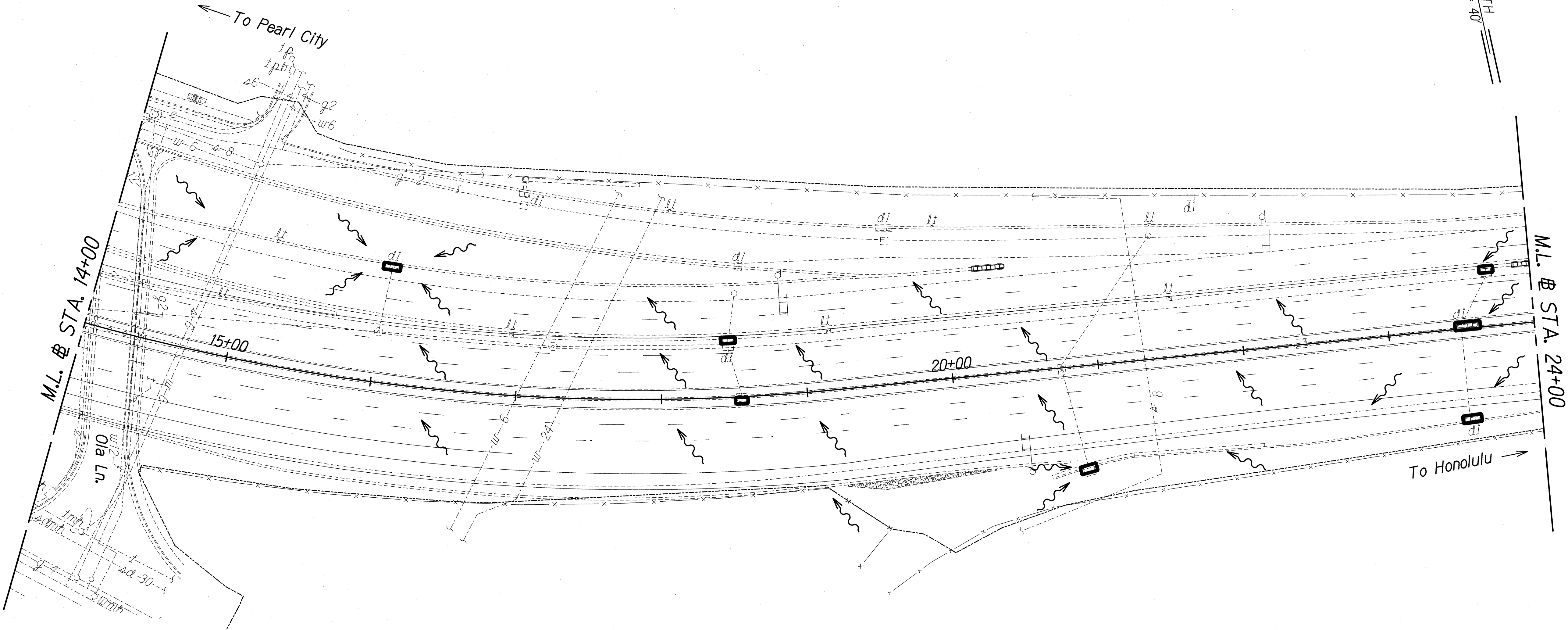
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(269)	2013	88	382

LEGEND:

Grate Inlet Protection

TRUE NORTH

SCALE: 1" = 40'



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

T-1/16459A IDIQ PAVMT PREVENTIVE MAINTENANCE/HI-MIDDLE TO WARD/CADD/SHEETS/04 ECP/EC-02.dgn

PAMELA K. UYEDA

LICENSED PROFESSIONAL ENGINEER

No. 10352-C

HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

SIGNATURE

04/30/14

EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

EROSION CONTROL PLAN

STA. 14+00 TO STA. 24+00

INTERSTATE ROUTE H-1 REHABILITATION

Middle Street to Vicinity of Ward Avenue

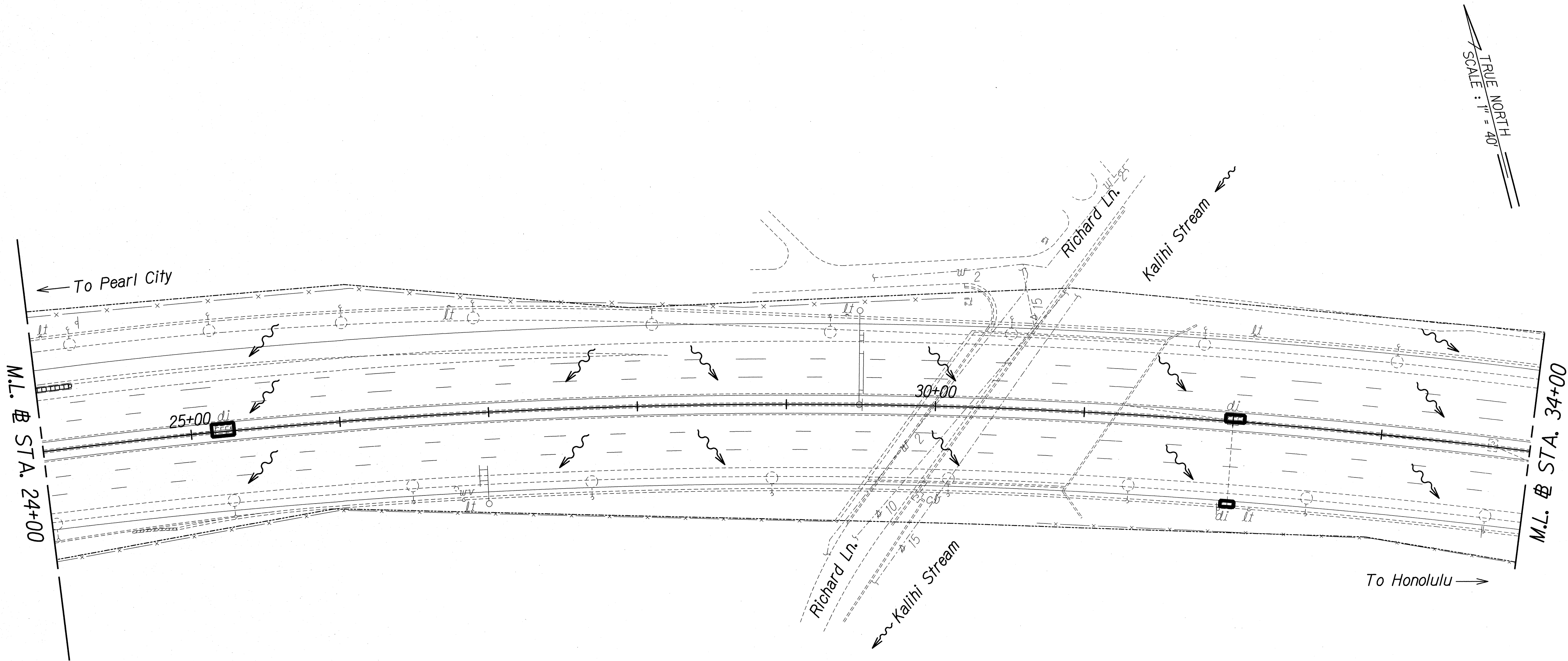
FAP NO. IM-HI-1(269)

Scale: 1"=40'

Date: Apr. 26, 2013

SHEET No. EC-02 OF 23 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-K(269)	2013	89	382



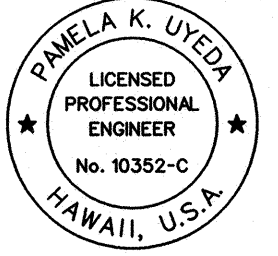
TRUE NORTH
SCALE: 1"=40'

LEGEND:

 Grate Inlet Protection

ORIGINAL PLAN	DATE
DESIGNED BY	
DRAWN BY	
CHECKED BY	
NOTED BY	
IN CHARGE	

T:\16459A IDIQ PAVMT PREVENTIVE MAINTENANCE\HI MIDDLE TO WARD\CADD\SHEETS\04 ECP\EC-03.dgn



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.

[Signature]

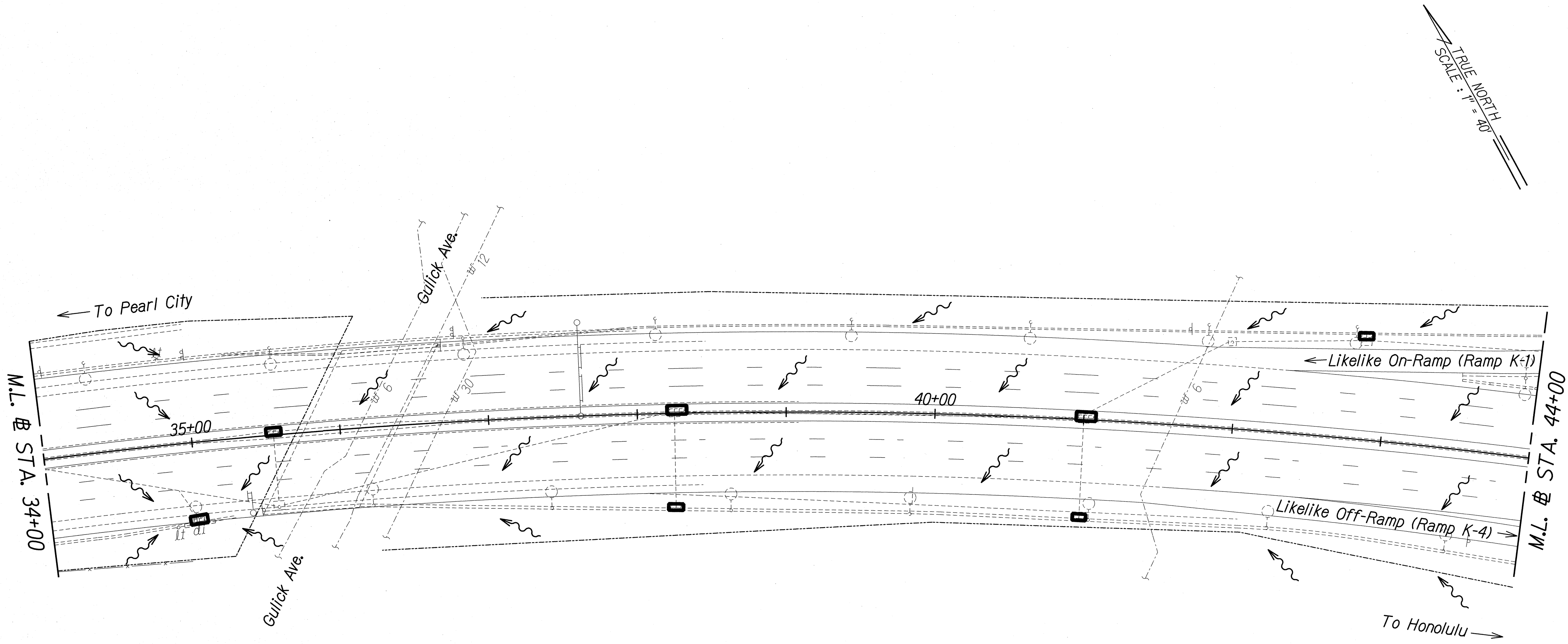
SIGNATURE EXPIRATION DATE OF THE LICENSE 04/30/14

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

EROSION CONTROL PLAN
STA. 24+00 TO STA. 34+00
INTERSTATE ROUTE H-1 REHABILITATION
Middle Street to Vicinity of Ward Avenue
FAP NO. IM-HI-K(269)

Scale: 1"=40' Date: Apr. 26, 2013

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(269)	2013	90	382

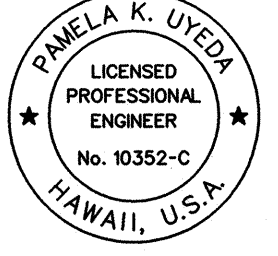


LEGEND:

Grate Inlet Protection

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
IN CHARGE	
NOTED BY	
DATE	

T:\16459A IDIQ PAVMT PREVENTIVE MAINTENANCE\HI-MIDDLE TO WARD\CADD\SHEETS\04 ECP\EC-04.dgn



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.

SIGNATURE: *[Signature]* EXPIRATION DATE: 04/30/14
OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

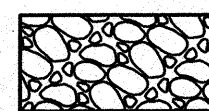
EROSION CONTROL PLAN
STA. 34+00 TO STA. 44+00

INTERSTATE ROUTE H-1 REHABILITATION
Middle Street to Vicinity of Ward Avenue
FAP NO. IM-HI-1(269)

Scale: 1"=40' Date: Apr. 26, 2013

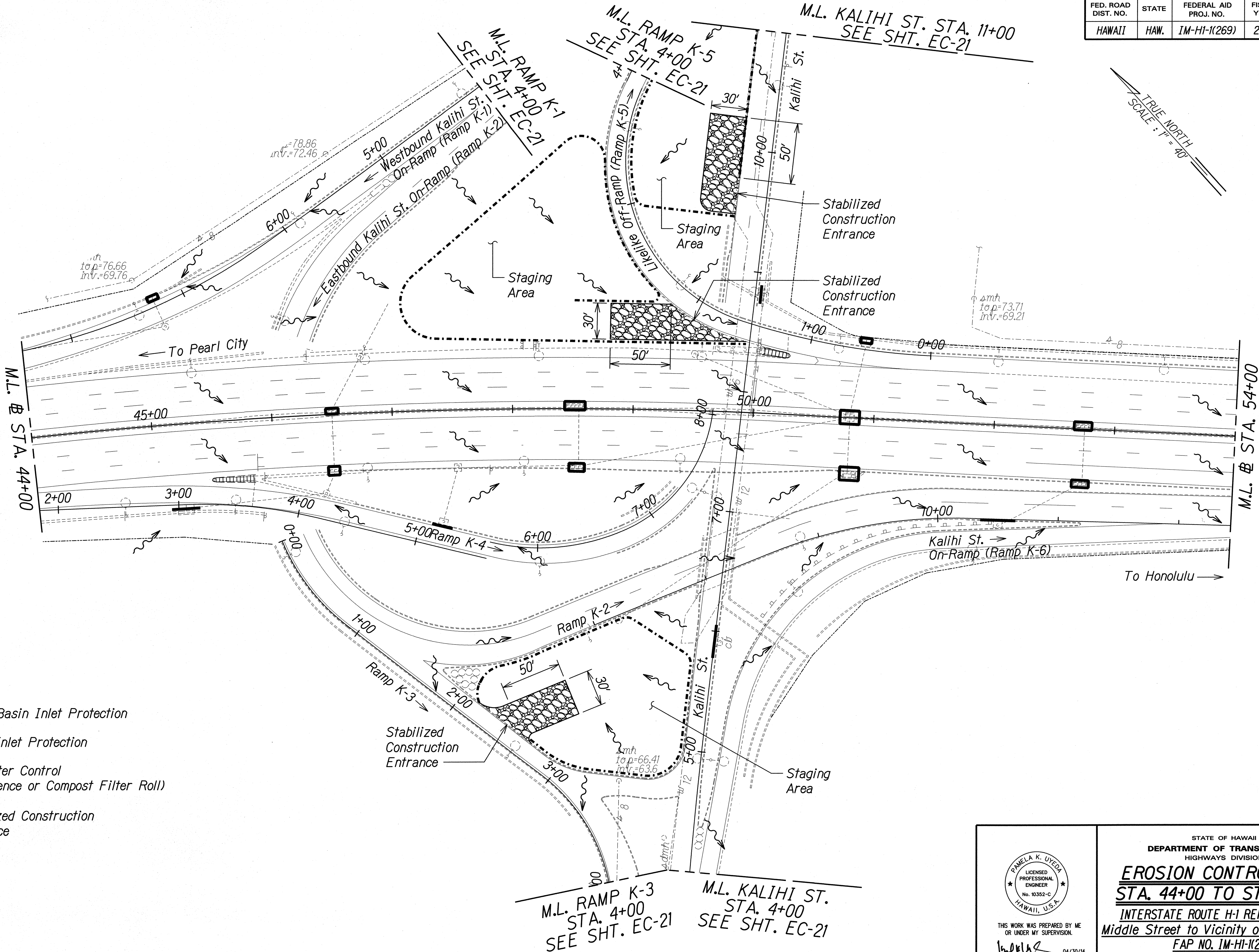
SHEET No. EC-04 OF 23 SHEETS

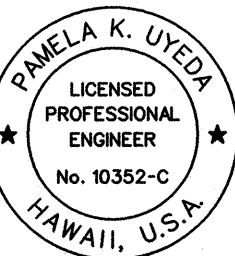
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-11(269)	2013	91	382

- LEGEND:**
-  Catch Basin Inlet Protection
 -  Grate Inlet Protection
 -  Perimeter Control (Silt Fence or Compost Filter Roll)
 -  Stabilized Construction Entrance

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
APPROVED BY	

T:\16459A IDIQ PAVT PREVENTIVE MAINTENANCE\HI-MIDDLE TO WARD\CADD\SHEETS\04 ECP\EC-05.dgn





THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Pamela K. Uyeda

04/30/14

EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

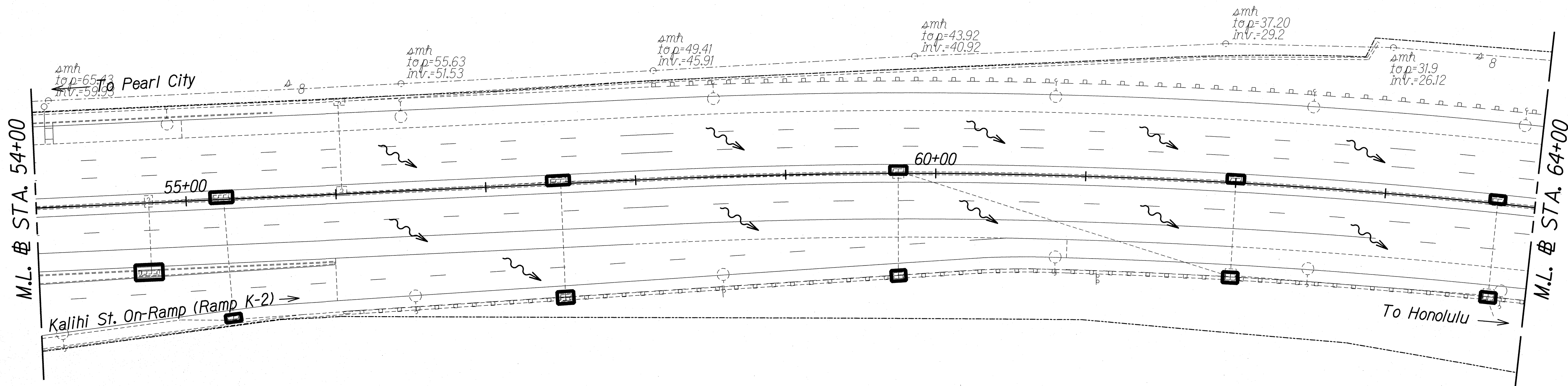
EROSION CONTROL PLAN
STA. 44+00 TO STA. 54+00
INTERSTATE ROUTE H-1 REHABILITATION
Middle Street to Vicinity of Ward Avenue
FAP NO. IM-HI-11(269)

Scale: 1"=40' Date: Apr. 26, 2013

SHEET No. EC-05 OF 23 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-11269	2013	92	382

TRUE NORTH
SCALE: 1"=40'

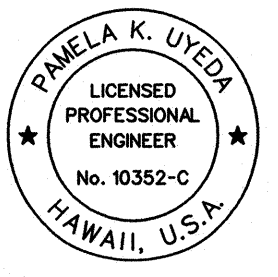


LEGEND:

 Grate Inlet Protection

ORIGINAL PLAN	DATE
DESIGNED BY	
NOTED BY	
CHECKED BY	

T:\16459A IDIQ PAVMT PREVENTIVE MAINTENANCE\HI-MIDDLE TO WARD\CADD\SHEETS\04 EOP\EC-06.dgn



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

[Signature]

04/30/14
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

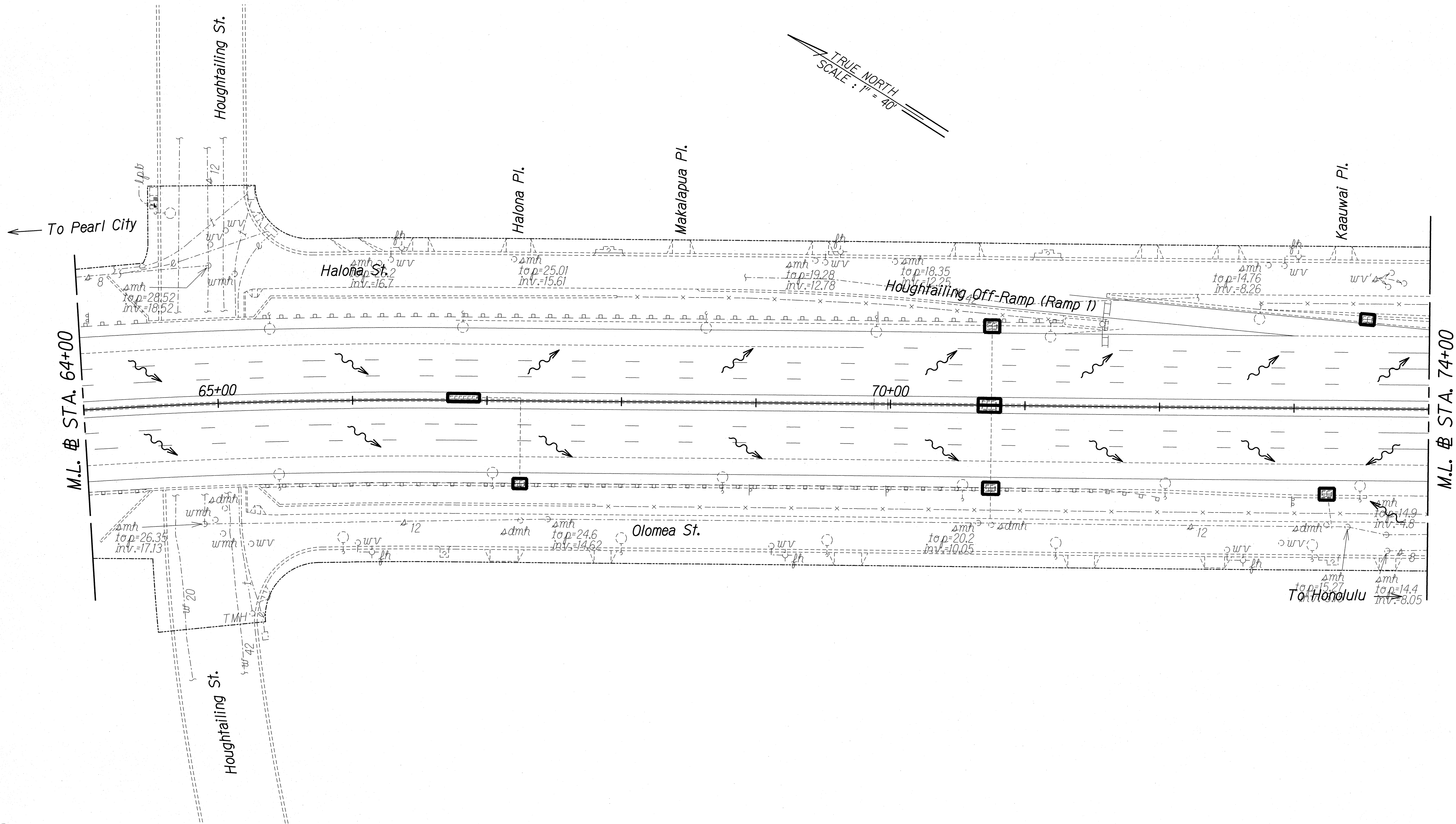
EROSION CONTROL PLAN
STA. 54+00 TO STA. 64+00

INTERSTATE ROUTE H-1 REHABILITATION
Middle Street to Vicinity of Ward Avenue
FAP NO. IM-HI-11269

Scale: 1"=40' Date: Apr. 26, 2013

SHEET No. EC-06 OF 23 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1M-HI-1(269)	2013	93	382

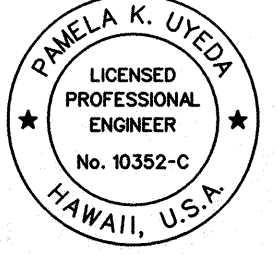


LEGEND:

 Grate Inlet Protection

ORIGINAL PLAN	DATE
DESIGNED BY	
DRAWN BY	
CHECKED BY	
NOTED BY	
IN CHARGE	

T:\16459A IDIQ PAVT PREVENTIVE MAINTENANCE\HI-MIDDLE TO WARD\CADD\SHEETS\04 ECP\EC-07.dgn



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

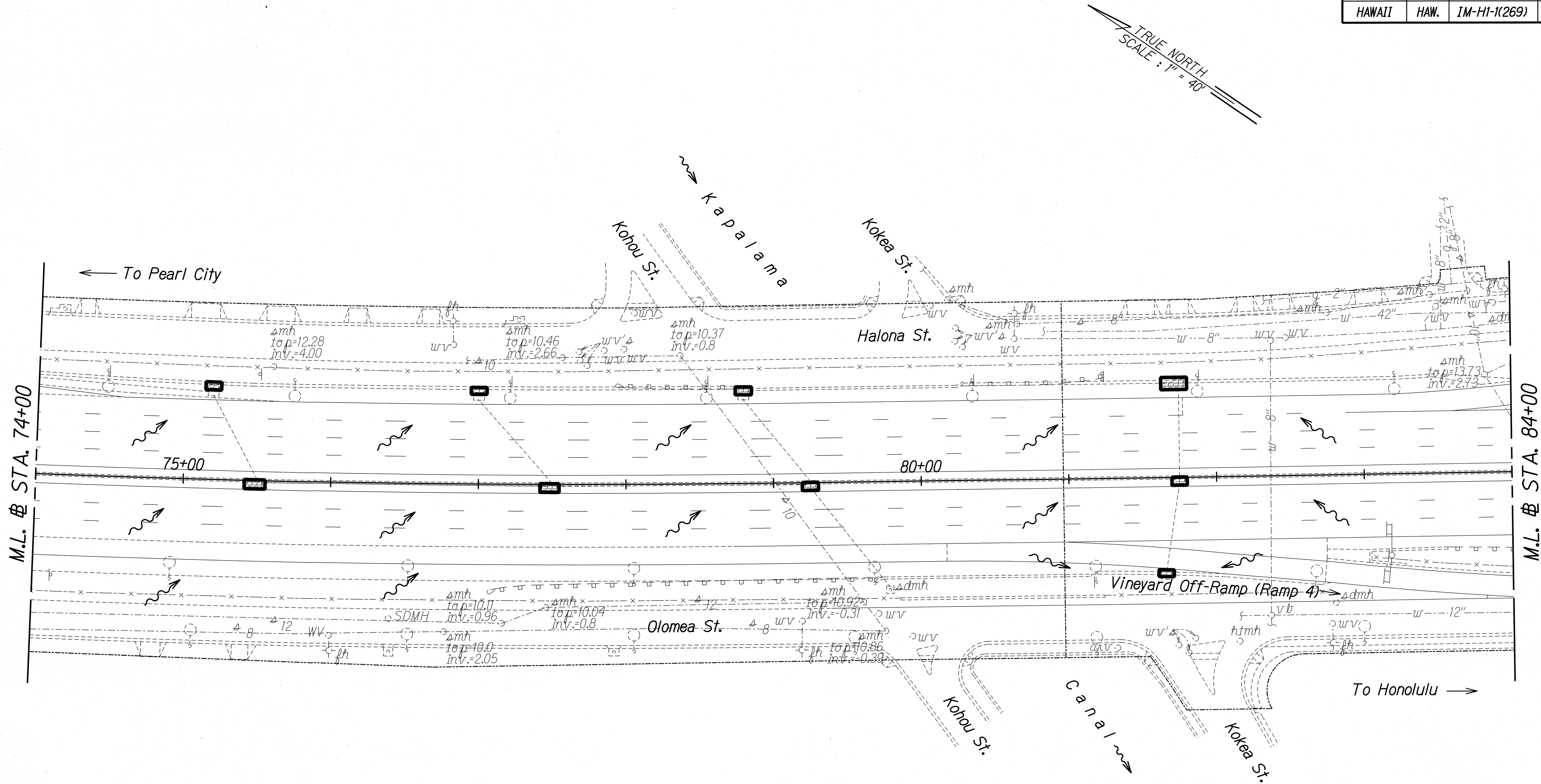
[Signature] 04/30/14
SIGNATURE EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

EROSION CONTROL PLAN
STA. 64+00 TO STA. 74+00
INTERSTATE ROUTE H-1 REHABILITATION
Middle Street to Vicinity of Ward Avenue
FAP NO. 1M-HI-1(269)

Scale: 1"=40' Date: Apr. 26, 2013

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(269)	2013	94	382

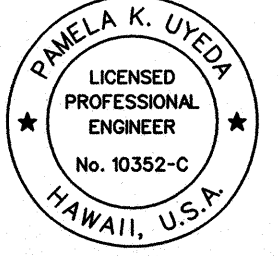


LEGEND:

 Grate Inlet Protection

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	CHECKED BY	

T:\164659A IDIQ PAVMT PREVENTIVE MAINTENANCE\HI MIDDLE TO WARD\CADD\SHEETS\04 ECP\EC-08.dgn



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

[Signature]

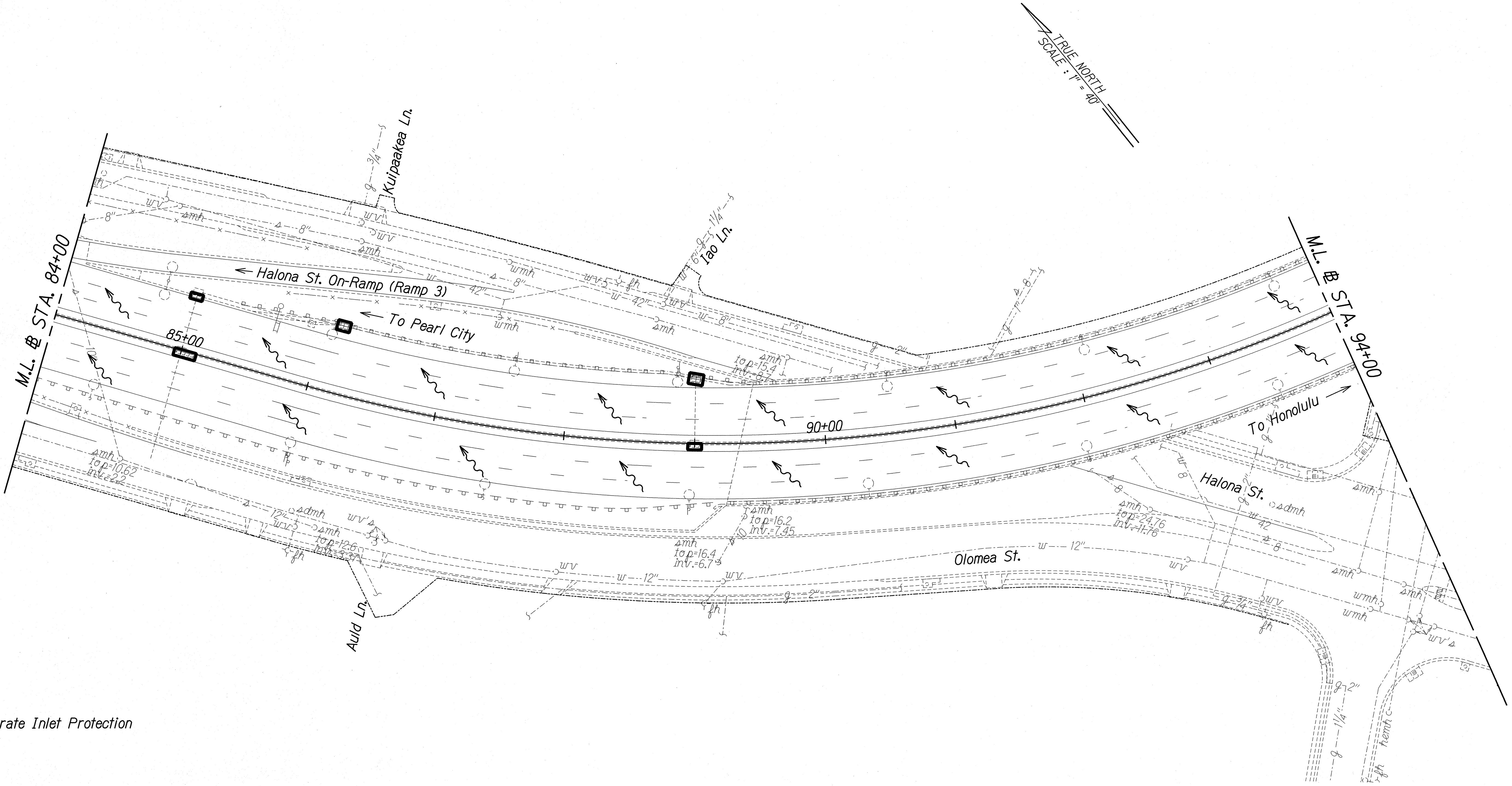
EXPIRATION DATE OF THE LICENSE: 04/30/14

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

EROSION CONTROL PLAN
STA. 74+00 TO STA. 84+00
INTERSTATE ROUTE H-1 REHABILITATION
Middle Street to Vicinity of Ward Avenue
FAP NO. IM-HI-1(269)

Scale: 1"=40' Date: Apr. 26, 2013

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(269)	2013	95	382

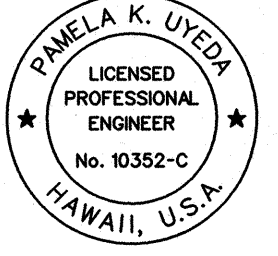


LEGEND:

 Grate Inlet Protection

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	CHECKED BY	

T:\16459A IDIQ PAVMT PREVENTIVE MAINTENANCE\HI MIDDLE TO WARD\CADD\SHEETS\04 ECP\EC-09.dgn



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

[Signature] 04/30/14
SIGNATURE EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

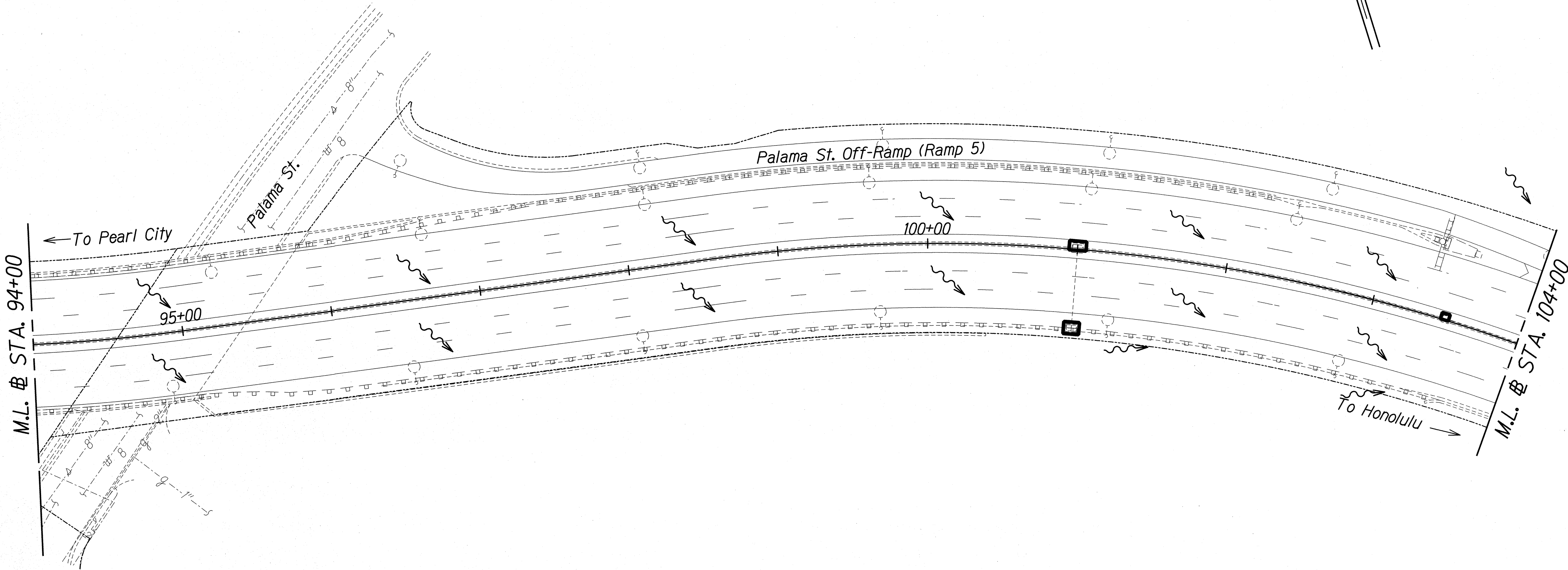
EROSION CONTROL PLAN
STA. 84+00 TO STA. 94+00
INTERSTATE ROUTE H-1 REHABILITATION
Middle Street to Vicinity of Ward Avenue
FAP NO. IM-HI-1(269)

Scale: 1"=40' Date: Apr. 26, 2013

SHEET No. EC-09 OF 23 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(K269)	2013	96	382

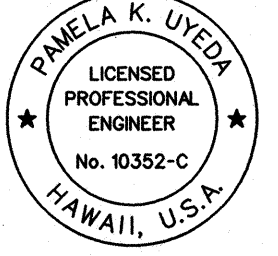
TRUE NORTH
SCALE : 1" = 40'



LEGEND:
 Grate Inlet Protection

ORIGINAL PLAN	DATE
NOTED	DATE
DESIGNED BY	DATE
CHECKED BY	DATE

T:\16459A IDIQ PAVMT PREVENTIVE MAINTENANCE\HI-MIDDLE TO WARD\CADD\SHEETS\04 ECP\EC-10.dgn



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.

Pamela K. Uyeda
SIGNATURE

04/30/14
EXPIRATION DATE
OF THE LICENSE

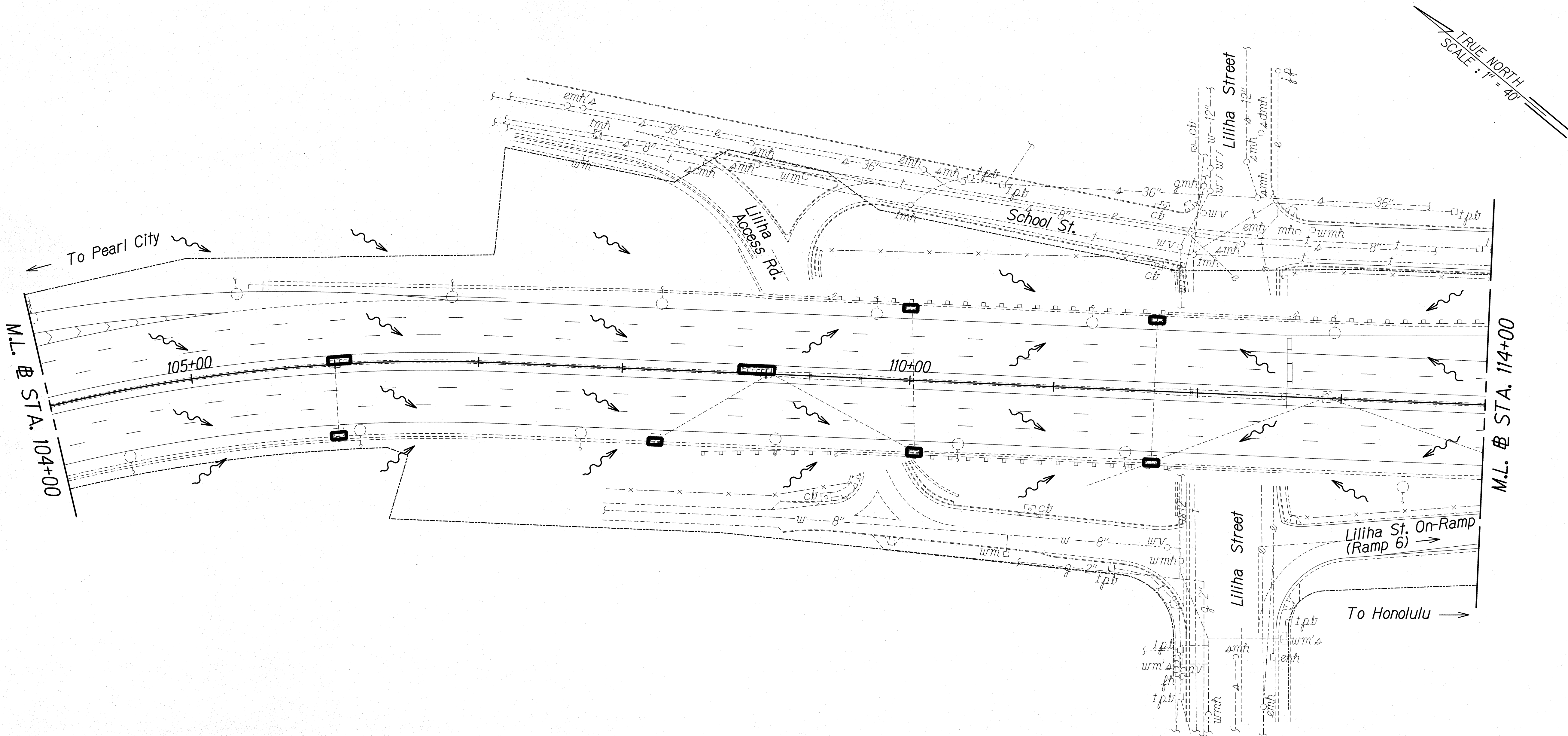
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

EROSION CONTROL PLAN
STA. 94+00 TO STA. 104+00
INTERSTATE ROUTE H-1 REHABILITATION
Middle Street to Vicinity of Ward Avenue
FAP NO. IM-HI-1(K269)

Scale: 1"=40' Date: Apr. 26, 2013

SHEET No. EC-10 OF 23 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(269)	2013	97	382

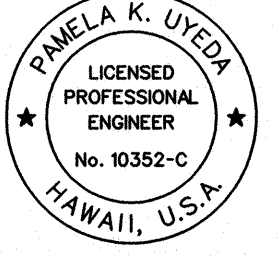


LEGEND:

 Grate Inlet Protection

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	CHECKED BY	

T:\16459A IDIQ PAVMT PREVENTIVE MAINTENANCE\HI MIDDLE TO WARD\CADD\SHEETS\04 ECP\EC-11.dgn



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.

[Signature] 04/30/14
SIGNATURE EXPIRATION DATE OF THE LICENSE

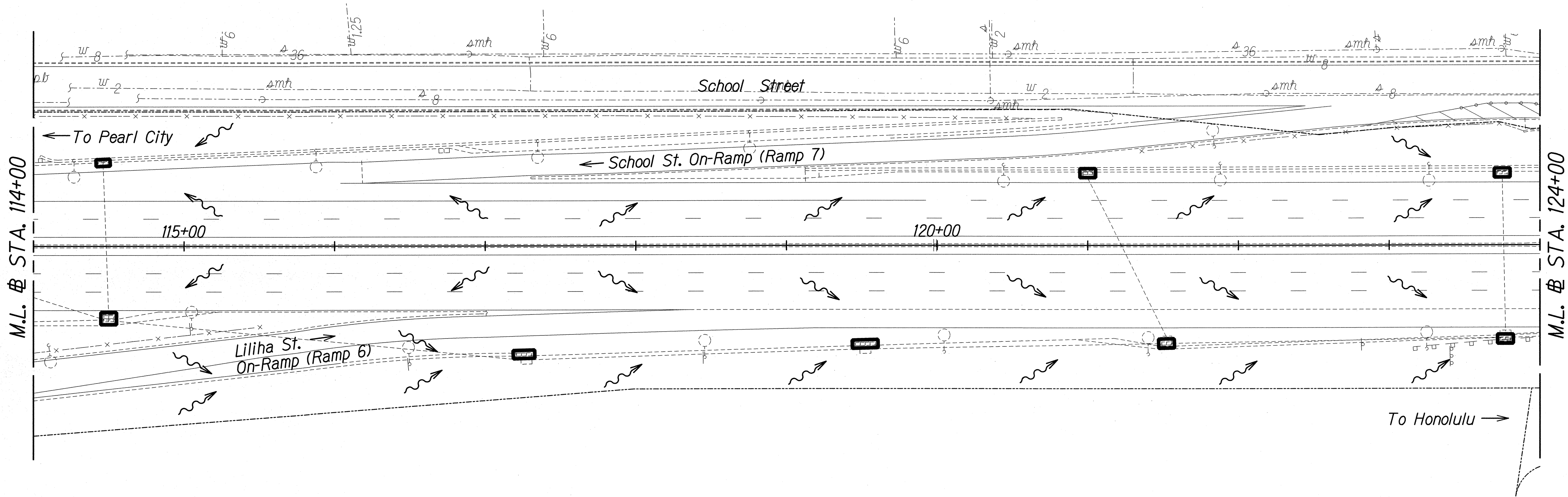
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

EROSION CONTROL PLAN
STA. 104+00 TO STA. 114+00
INTERSTATE ROUTE H-1 REHABILITATION
Middle Street to Vicinity of Ward Avenue
FAP NO. IM-HI-1(269)

Scale: 1"=40' Date: Apr. 26, 2013

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(269)	2013	98	382

TRUE NORTH
SCALE: 1"=40'

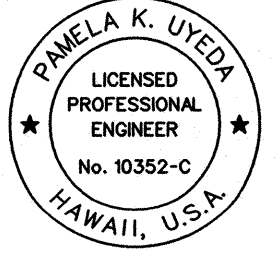


LEGEND:

 Grate Inlet Protection

GENERAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

T:\16459A IDIQ PAINT PREVENTIVE MAINTENANCE\HI MIDDLE TO WARD\CADD\SHEETS\04 ECP\EC-12.dgn



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

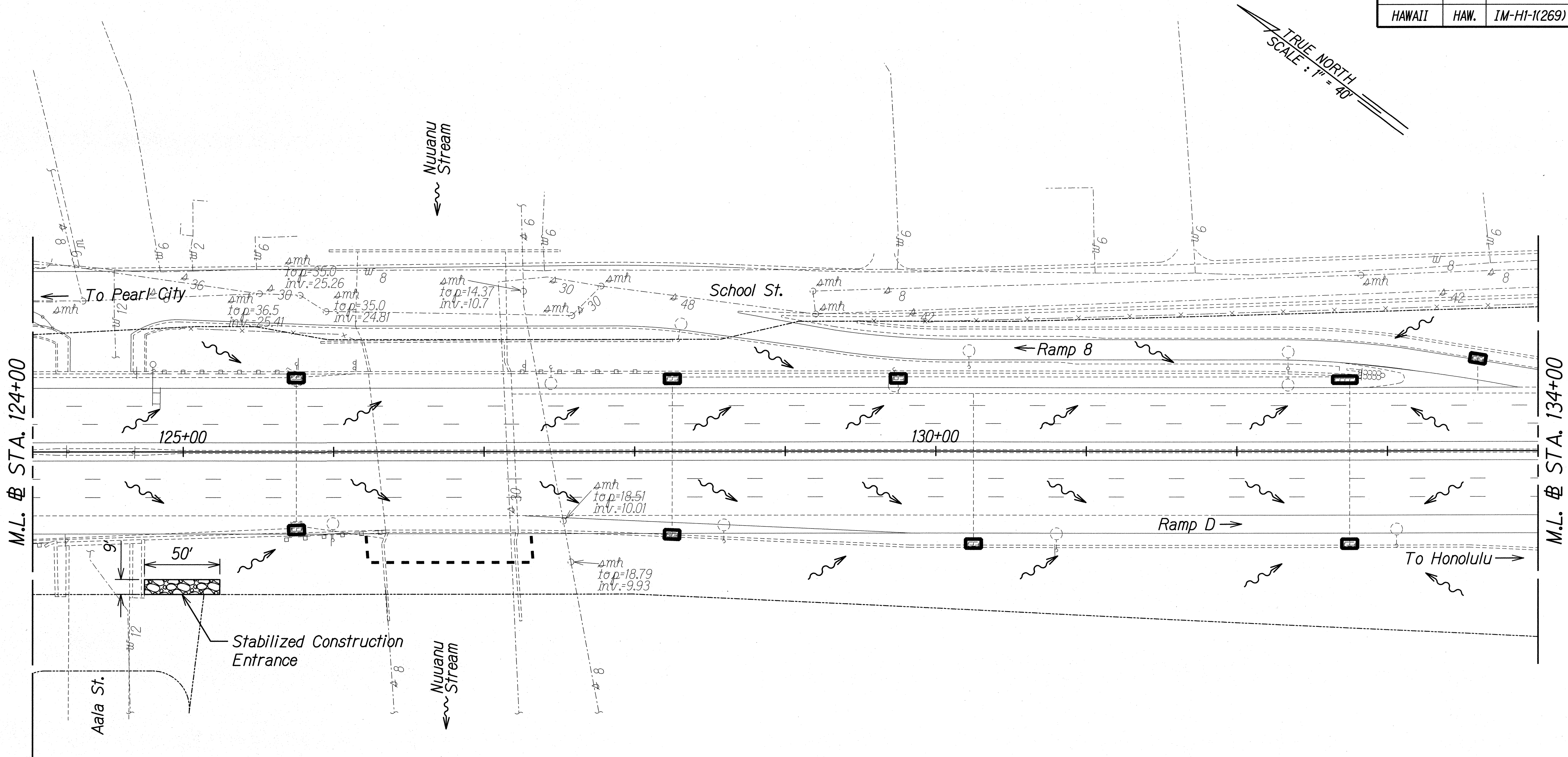
SIGNATURE: *[Signature]* EXPIRATION DATE OF THE LICENSE: 04/30/14

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

EROSION CONTROL PLAN
STA. 114+00 TO STA. 124+00
INTERSTATE ROUTE H-1 REHABILITATION
Middle Street to Vicinity of Ward Avenue
FAP NO. IM-HI-1(269)

Scale: 1"=40' Date: Apr. 26, 2013

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(269)	2013	99	382



- LEGEND:**
- Stabilized Construction Entrance
 - Grate Inlet Protection
 - Containment Device for Work Over the Stream

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
IN CHARGE	
NOTED BY	
DATE	

T:\16459A IDIQ PAVT PREVENTIVE MAINTENANCE\HI-MIDDLE TO WARD\CADD\SHEETS\04 ECP\EC-13.dgn

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

SIGNATURE: *Pamela K. Uyeda* EXPIRATION DATE: 04/30/14 OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

EROSION CONTROL PLAN
STA. 124+00 TO STA. 134+00
INTERSTATE ROUTE H-1 REHABILITATION
Middle Street to Vicinity of Ward Avenue
FAP NO. IM-HI-1(269)

Scale: 1"=40' Date: Apr. 26, 2013

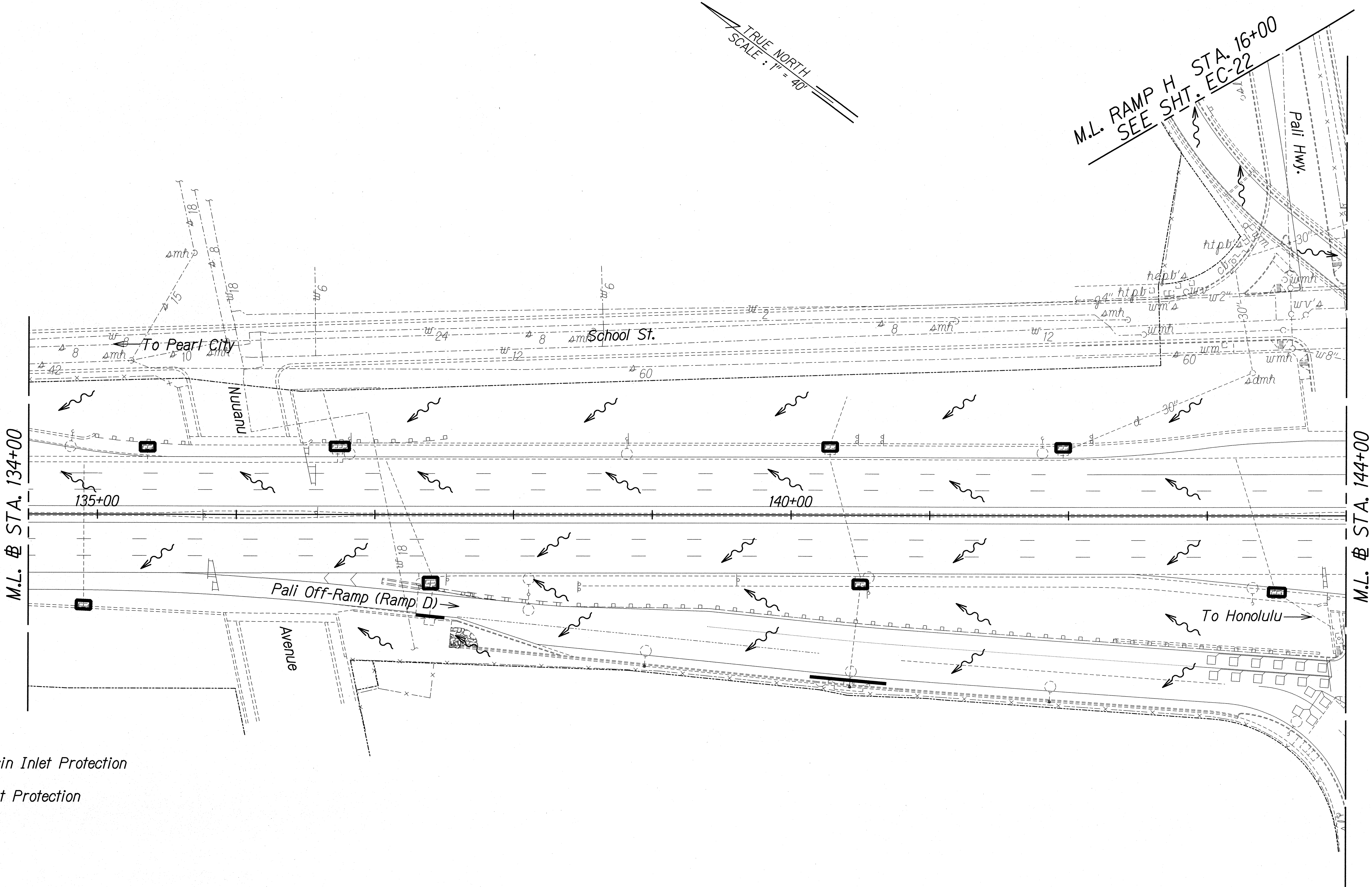
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-11(269)	2013	100	382

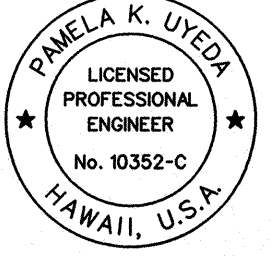
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

T-16459A IDIQ PAVT PREVENTIVE MAINTENANCE/HI MIDDLE TO WARD/CADD/SHEETS/04 ECP/EC-14.dgn

LEGEND:

-  Catch Basin Inlet Protection
-  Grate Inlet Protection





THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

[Signature] 04/30/14
SIGNATURE EXPIRATION DATE OF THE LICENSE

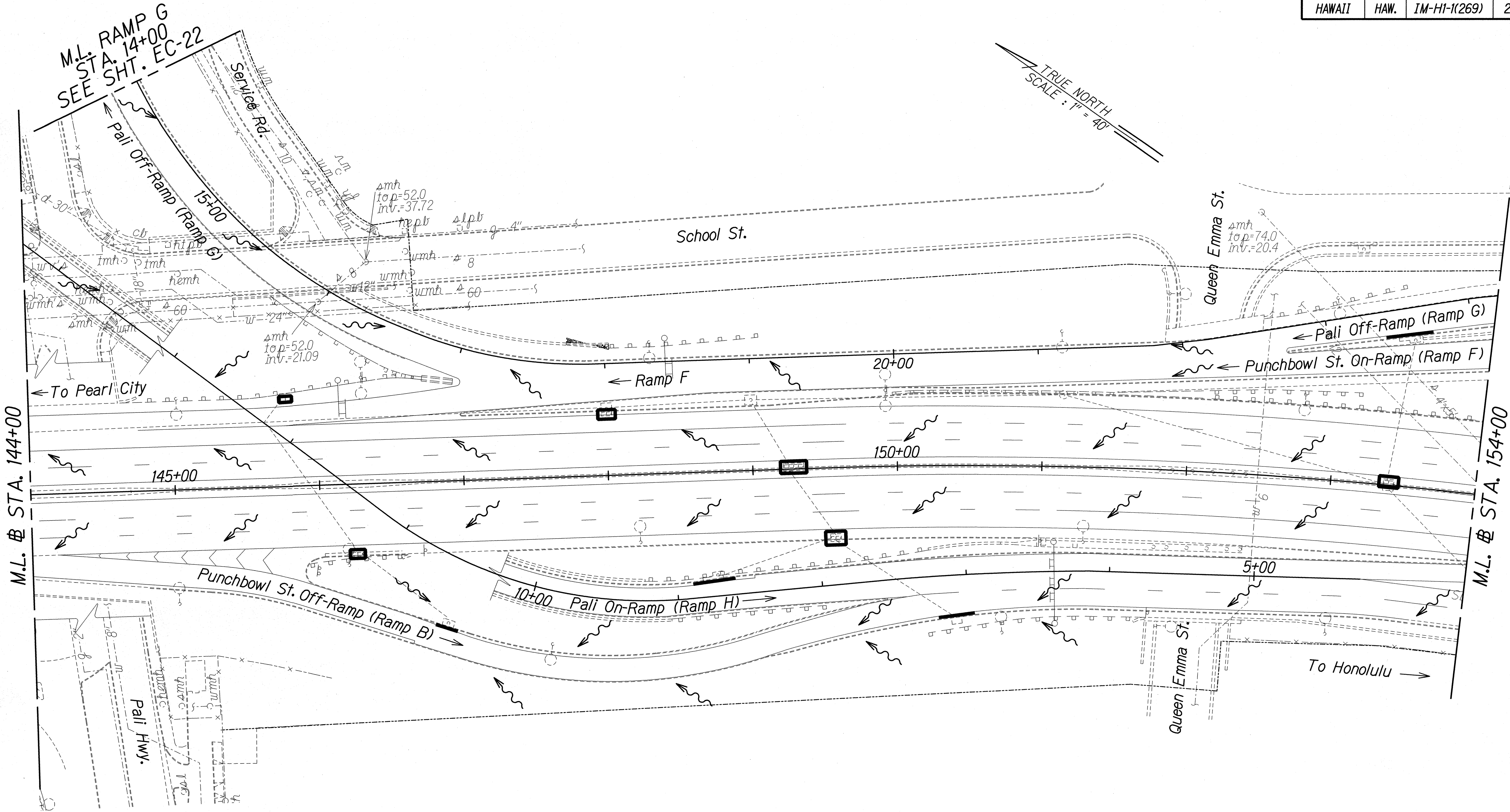
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

EROSION CONTROL PLAN
STA. 134+00 TO STA. 144+00

INTERSTATE ROUTE H-1 REHABILITATION
Middle Street to Vicinity of Ward Avenue
FAP NO. IM-HI-11(269)

Scale: 1"=40' Date: Apr. 26, 2013

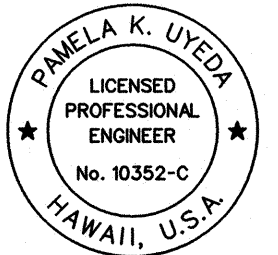
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(269)	2013	101	382



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

LEGEND:

-  Catch Basin Inlet Protection
-  Grate Inlet Protection



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

[Signature]

04/30/14
EXPIRATION DATE OF THE LICENSE

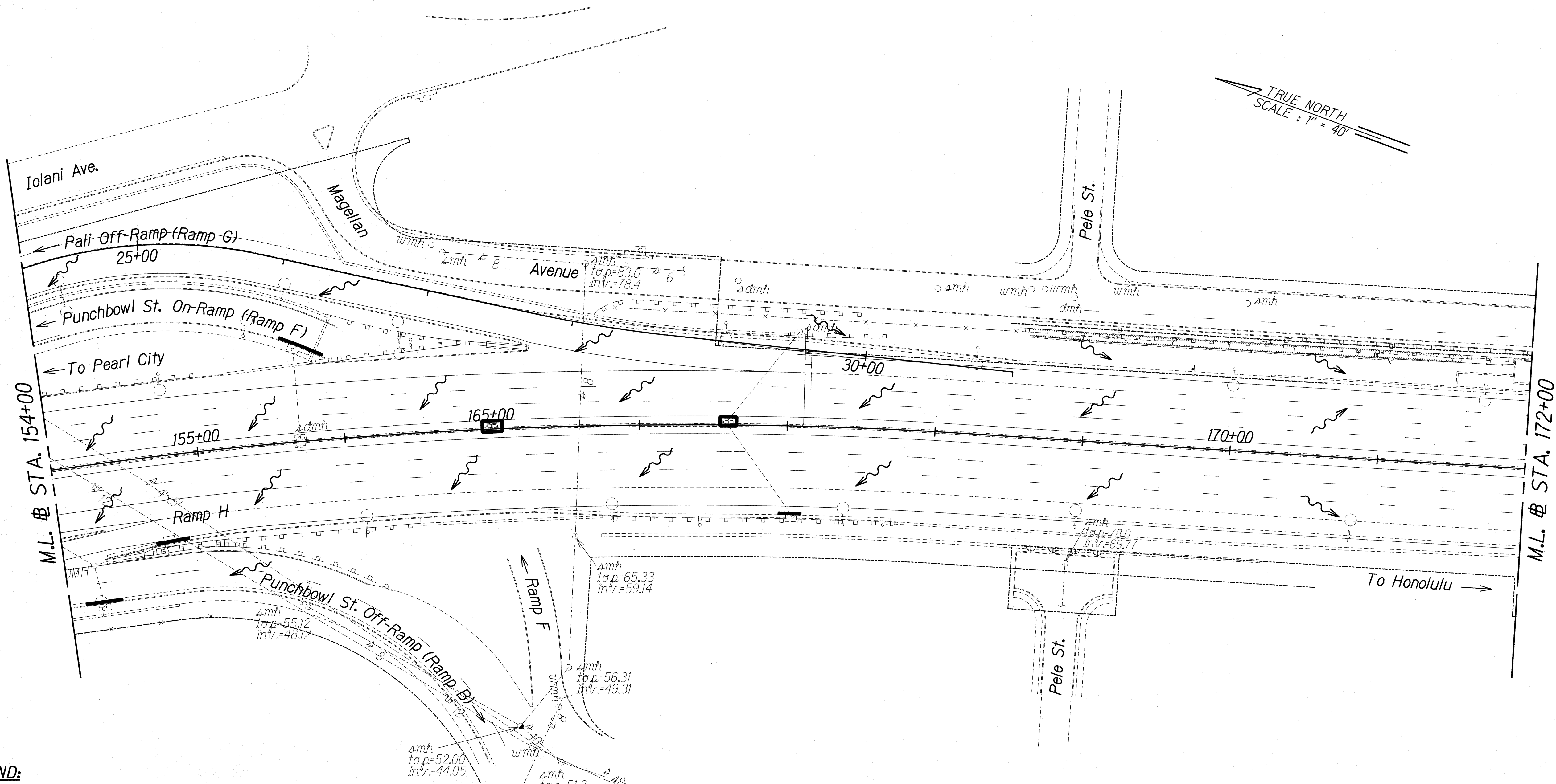
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

EROSION CONTROL PLAN
STA. 144+00 TO STA. 154+00

INTERSTATE ROUTE H-1 REHABILITATION
Middle Street to Vicinity of Ward Avenue
FAP NO. 1M-HI-1(269)

Scale: 1"=40' Date: Apr. 26, 2013

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(269)	2013	102	382

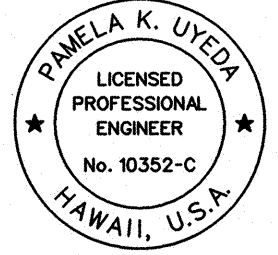


LEGEND:

 Grate Inlet Protection

ORIGINAL PLAN	DATE
NOTED BY	
DESIGNED BY	
CHECKED BY	

T-16459A IDIQ PAVMT PREVENTIVE MAINTENANCE/HL MIDDLE TO WARD/CADD/SHEETS/04 ECP/EC-16.dgn



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

[Signature] 04/30/14
SIGNATURE EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

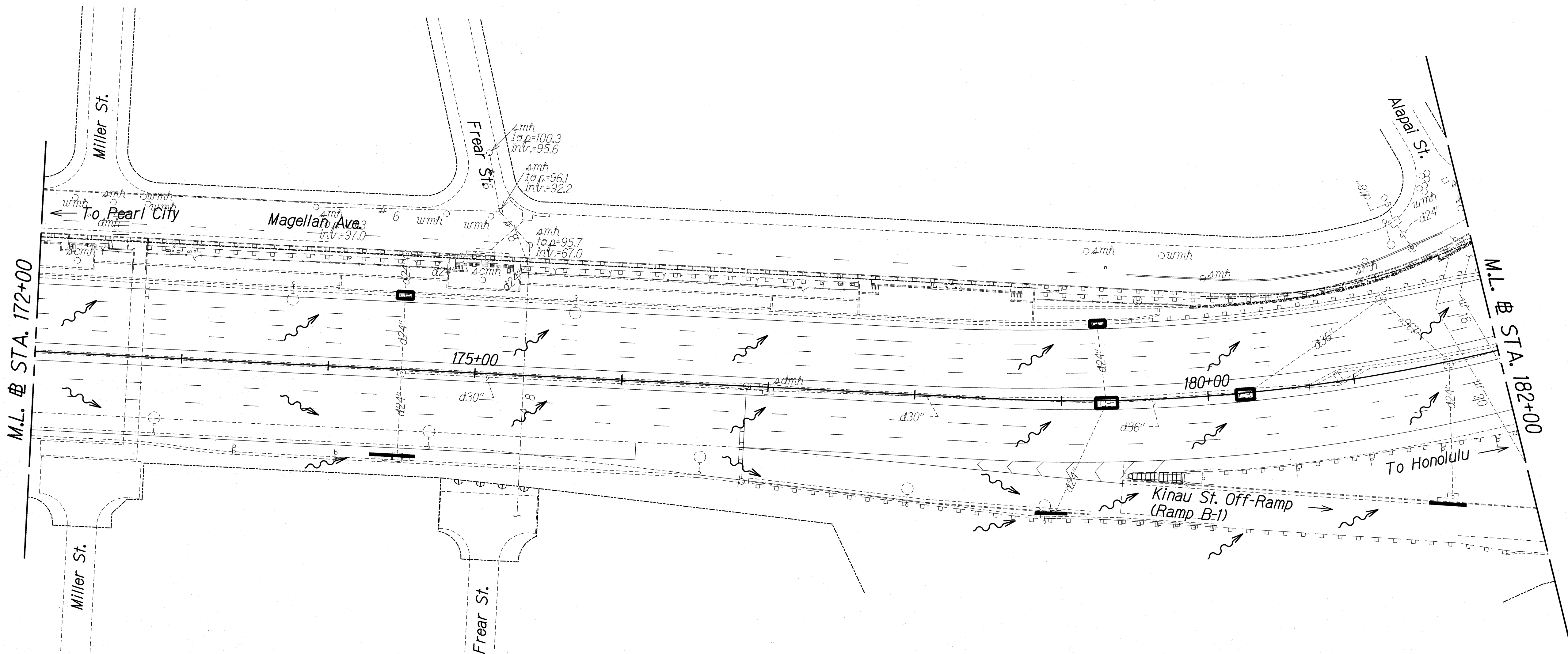
EROSION CONTROL PLAN
STA. 154+00 TO STA. 172+00
INTERSTATE ROUTE H-1 REHABILITATION
Middle Street to Vicinity of Ward Avenue
FAP NO. IM-HI-1(269)

Scale: 1"=40' Date: Apr. 26, 2013

SHEET No. EC-16 OF 23 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(269)	2013	103	382

TRUE NORTH
SCALE : 1" = 40'



LEGEND:

- Catch Basin Inlet Protection
- Grate Inlet Protection

ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
NOTED BY	
CHECKED BY	

T:\16459A IDIQ PAVT PREVENTIVE MAINTENANCE\HI-MIDDLE TO WARD\CADD\SHEETS\04 ECP\EC-17.dgn

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

[Signature] 04/30/14
SIGNATURE EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

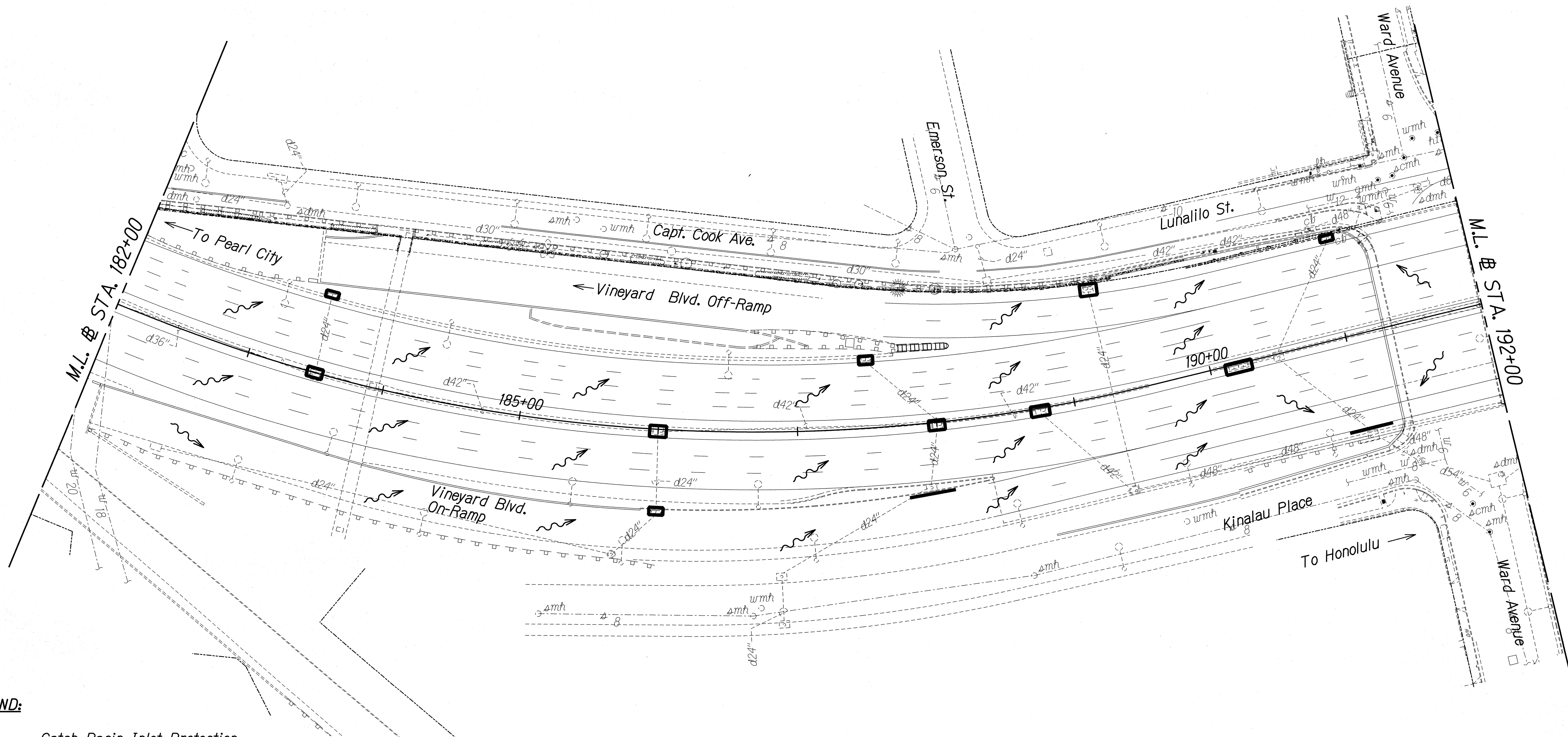
EROSION CONTROL PLAN
STA. 172+00 TO STA. 182+00
INTERSTATE ROUTE H-1 REHABILITATION
Middle Street to Vicinity of Ward Avenue
FAP NO. IM-HI-1(269)

Scale: 1"=40" Date: Apr. 26, 2013

SHEET No. EC-17 OF 23 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(269)	2013	104	382

TRUE NORTH
SCALE: 1" = 40'

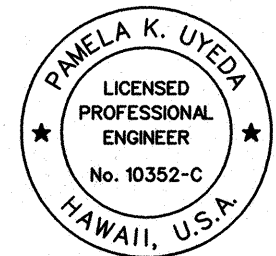


LEGEND:

-  Catch Basin Inlet Protection
-  Grate Inlet Protection

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	CHECKED BY	
	IN CHARGE	

T-16459A IDIQ PAVMT PREVENTIVE MAINTENANCE/HI-MIDDLE TO WARD/CADD/SHEETS/04 ECP/EC-18.dgn



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

SIGNATURE: *P. Uyeda* EXPIRATION DATE OF THE LICENSE: 04/30/14

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

EROSION CONTROL PLAN
STA. 182+00 TO STA. 192+00
INTERSTATE ROUTE H-1 REHABILITATION
Middle Street to Vicinity of Ward Avenue
FAP NO. IM-HI-1(269)

Scale: 1"=40' Date: Apr. 26, 2013

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(269)	2013	105	382

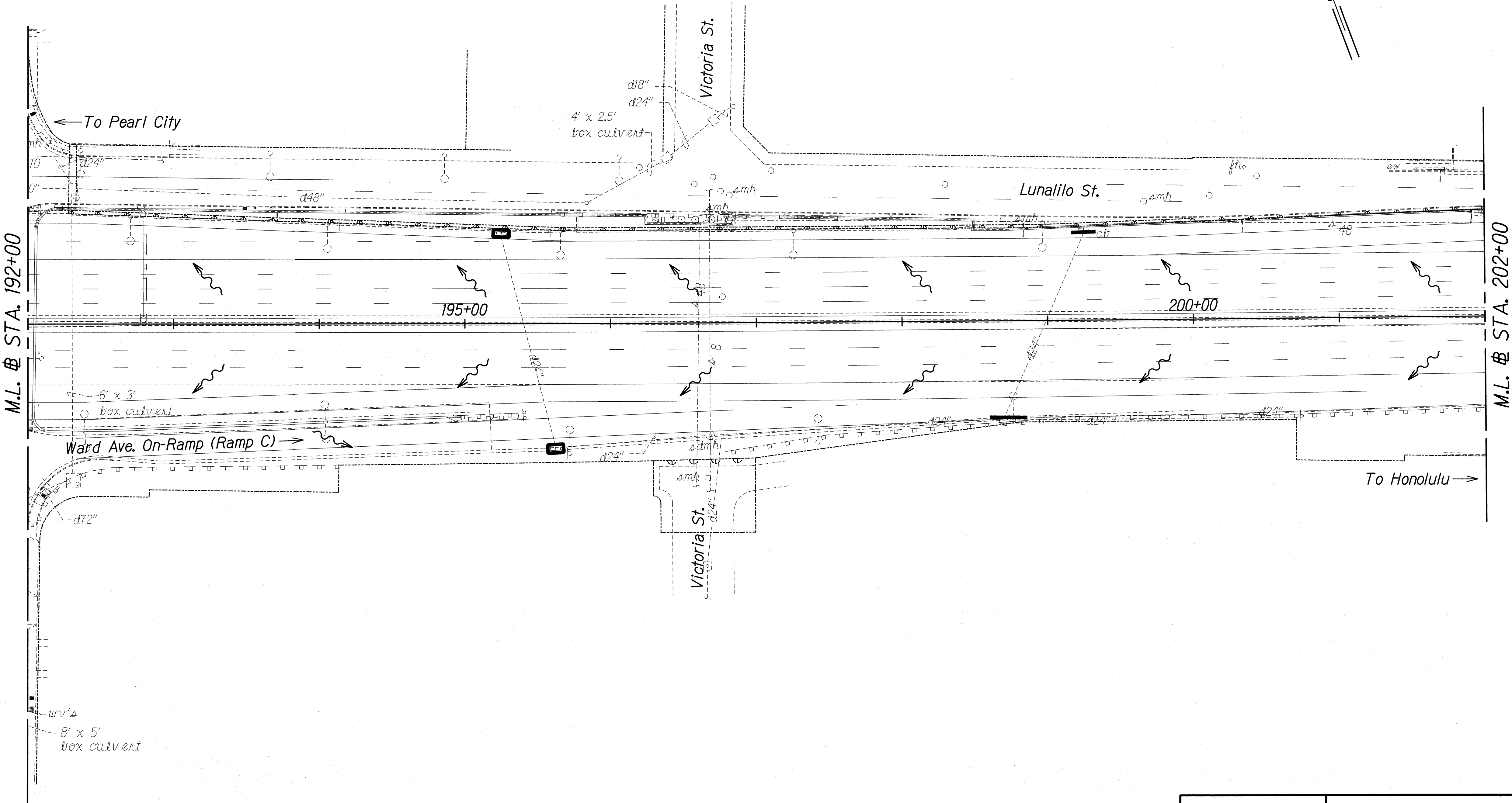
LEGEND:

Catch Basin Inlet Protection

Grate Inlet Protection

TRUE NORTH

SCALE: 1" = 40'



ORIGINAL PLAN	DATE
DESIGNED BY	
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
NO.	

T:\16459A.IDIQ.PAVT.PREVENTIVE.MAINTENANCE\HI.MIDDLE TO WARD\CADD\SHEETS\04.ECP\EC-19.dgn

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

EROSION CONTROL PLAN

STA. 192+00 TO STA. 202+00

INTERSTATE ROUTE H-1 REHABILITATION

Middle Street to Vicinity of Ward Avenue

FAP NO. IM-HI-1(269)

PAMELA K. UYEDA

LICENSED PROFESSIONAL ENGINEER

No. 10352-C

HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

SIGNATURE

04/30/14

EXPIRATION DATE OF THE LICENSE

Scale: 1"=40'

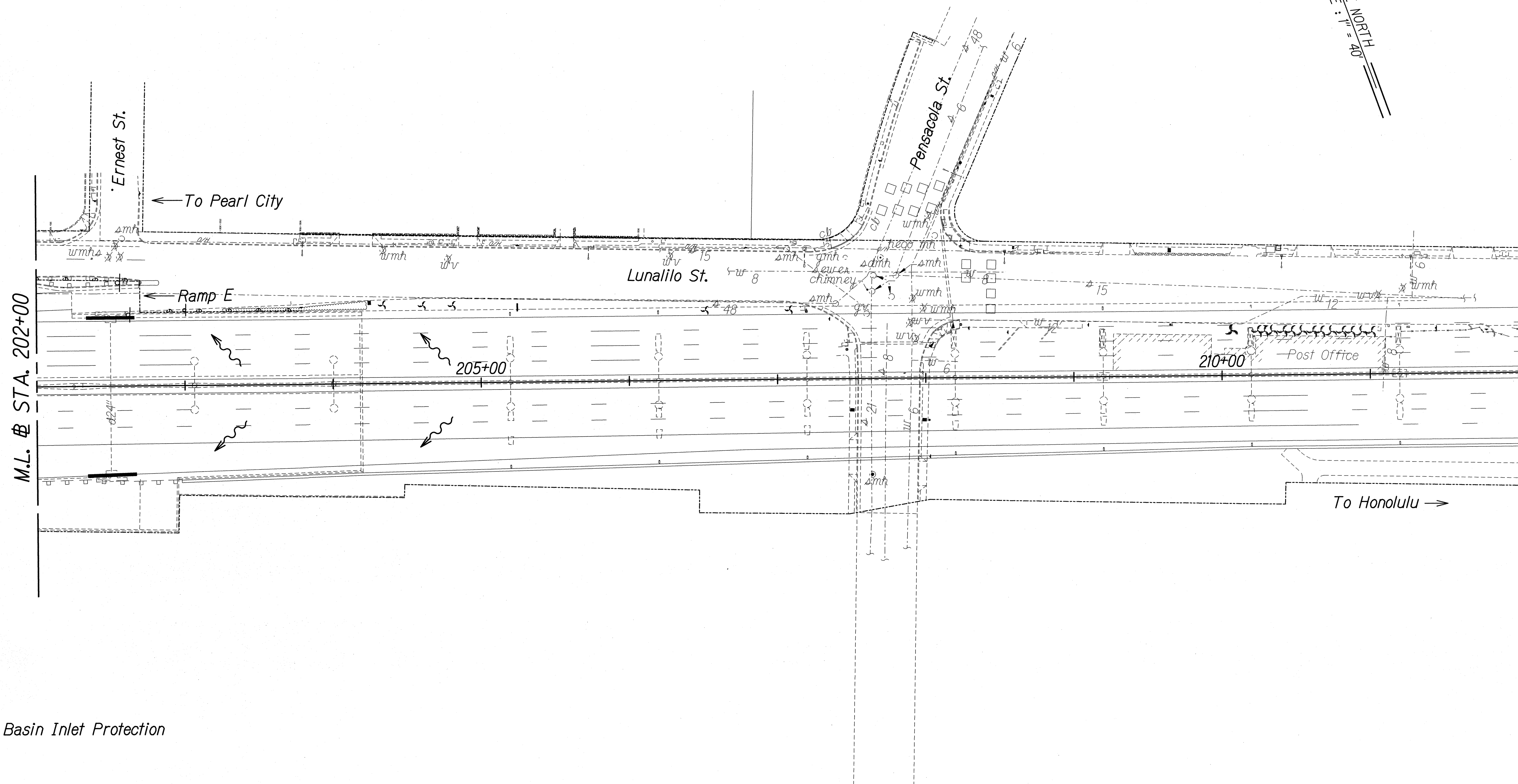
Date: Apr. 26, 2013

SHEET No. EC-19 OF 23 SHEETS

105

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(269)	2013	106	382

TRUE NORTH
SCALE: 1" = 40'



LEGEND:
— Catch Basin Inlet Protection

ORIGINAL PLAN	DATE
DESIGNED BY	
DRAWN BY	
CHECKED BY	
NOTED BY	
DATE	

T:\16459A IDIQ PAVMT PREVENTIVE MAINTENANCE\HI MIDDLE TO WARD\CADD\SHEETS\04 ECP\EC-20.dgn

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

EROSION CONTROL PLAN
STA. 202+00 TO STA. 212+00
INTERSTATE ROUTE H-1 REHABILITATION
Middle Street to Vicinity of Ward Avenue
FAP NO. 1M-HI-1(269)

Scale: 1"=40' Date: Apr. 26, 2013

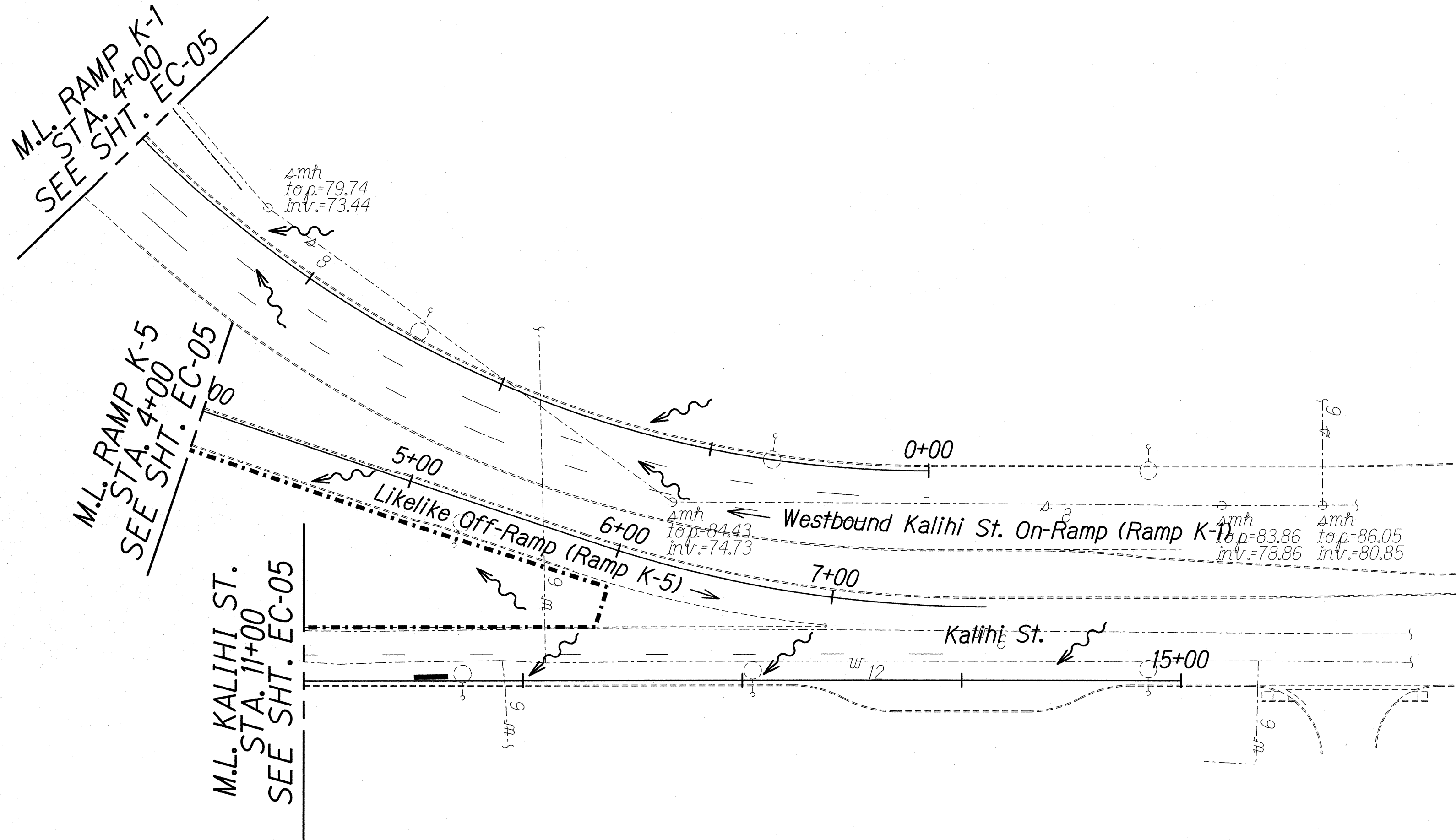
SHEET No. EC-20 OF 23 SHEETS

THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.

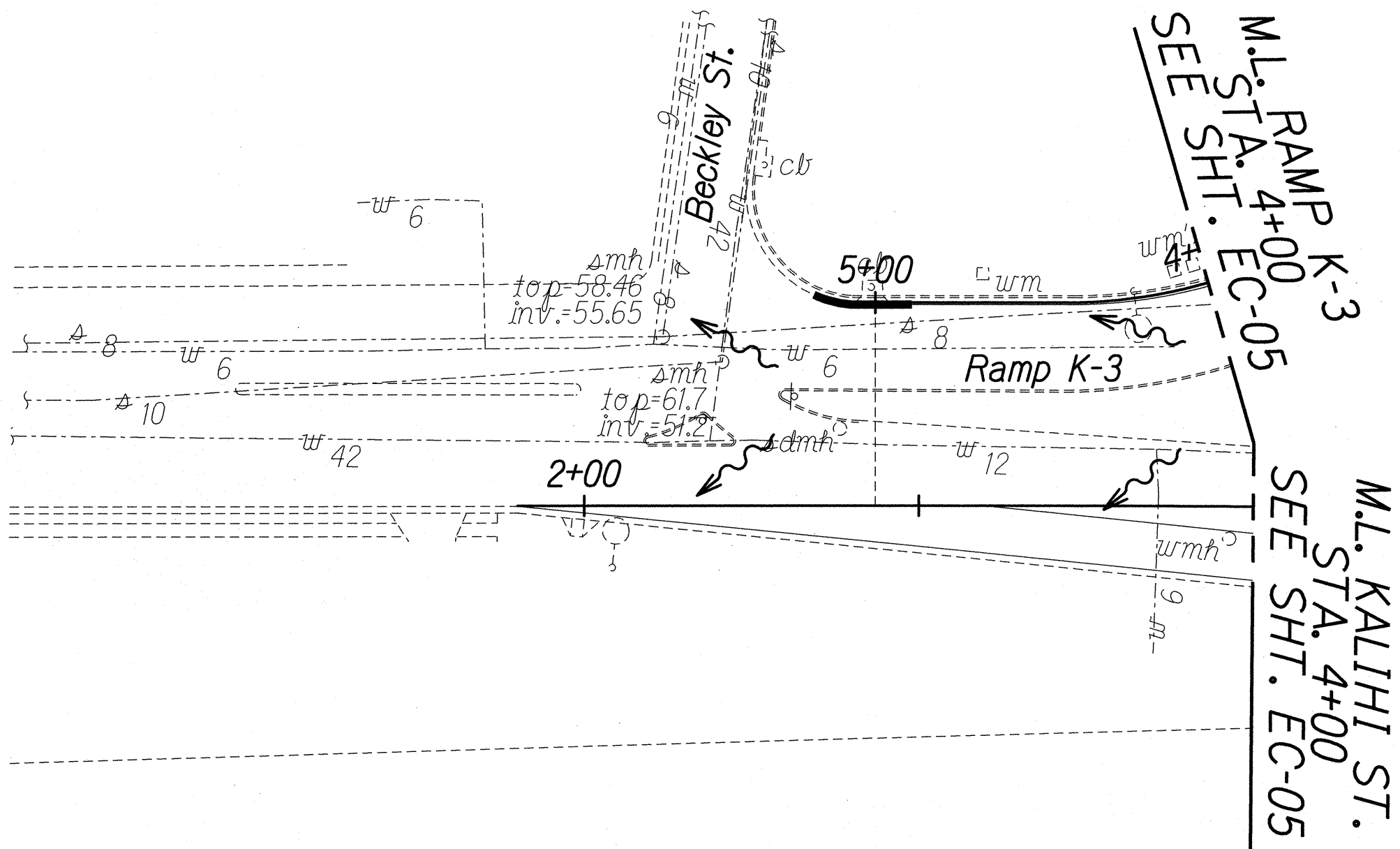
[Signature]
SIGNATURE

04/30/14
EXPIRATION DATE
OF THE LICENSE

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(269)	2013	107	382

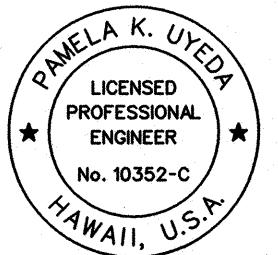


- LEGEND:**
- Catch Basin Inlet Protection
 - Perimeter Control (Silt Fence or Compost Filter Roll)



ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
NOTED BY	
CHECKED BY	

T:\16459A.IDIQ.PAVMT.PREVENTIVE.MAINTENANCE\H1.MIDDLE TO WARD\CADD\SHEETS\04.ECP\EC-21.dgn



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.

[Signature]

04/30/14
EXPIRATION DATE
OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

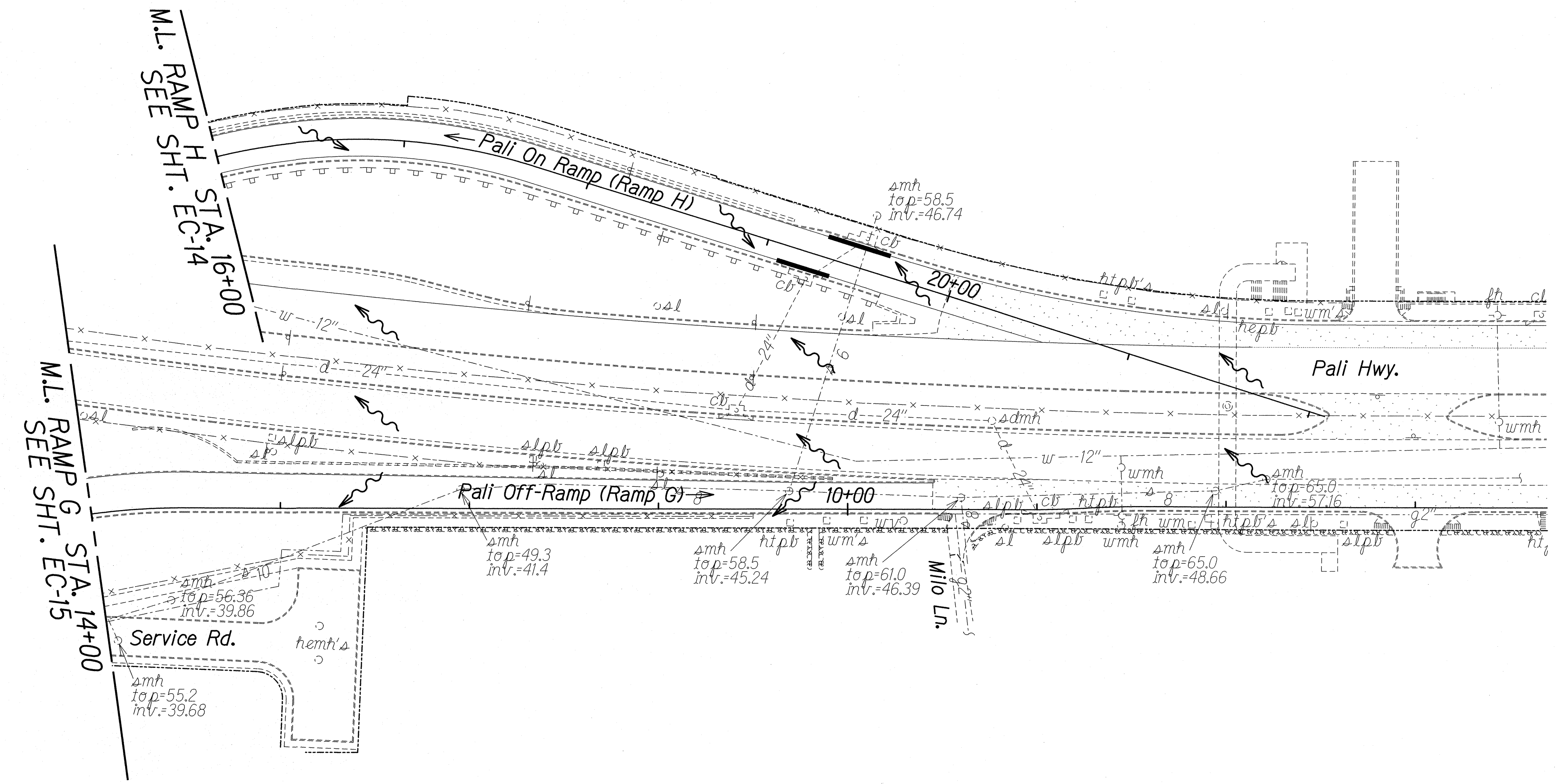
EROSION CONTROL PLAN
KALIHI STREET

INTERSTATE ROUTE H-1 REHABILITATION
Middle Street to Vicinity of Ward Avenue
FAP NO. 1M-HI-1(269)

Scale: 1"=40' Date: Apr. 26, 2013

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(269)	2013	108	382

TRUE NORTH
SCALE: 1" = 40'



LEGEND:
— Catch Basin Inlet Protection

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

T:\164594 IDIQ PAVMT PREVENTIVE MAINTENANCE\HLMIDDLE TO WARD\CADD\SHEETS\04 ECP\EC-22.dgn

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

EROSION CONTROL PLAN
PALI HIGHWAY

INTERSTATE ROUTE H-1 REHABILITATION
Middle Street to Vicinity of Ward Avenue
FAP NO. IM-HI-1(269)

Scale: 1"=40' Date: Apr. 26, 2013

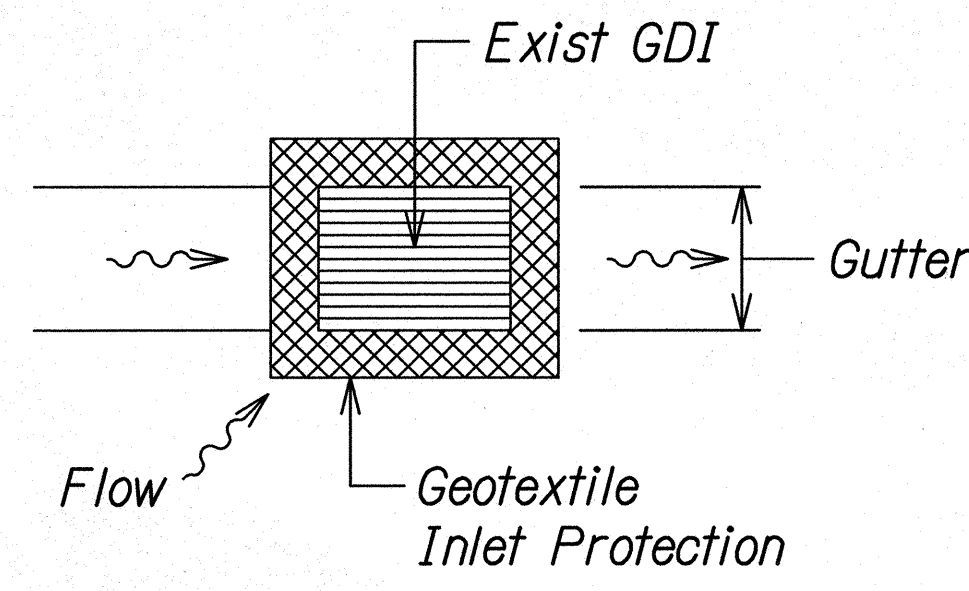
SHEET No. EC-22 OF 23 SHEETS

PAMELA K. UYEDA
LICENSED PROFESSIONAL ENGINEER
No. 10352-C
HAWAII, U.S.A.

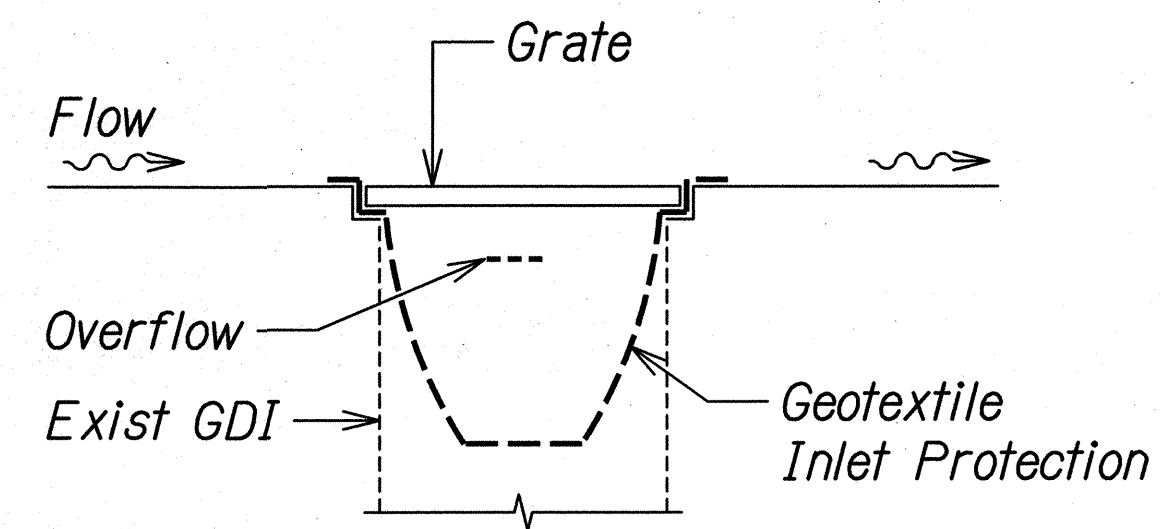
THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.

[Signature]
SIGNATURE 04/30/14
EXPIRATION DATE OF THE LICENSE

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-K(269)	2013	109	382

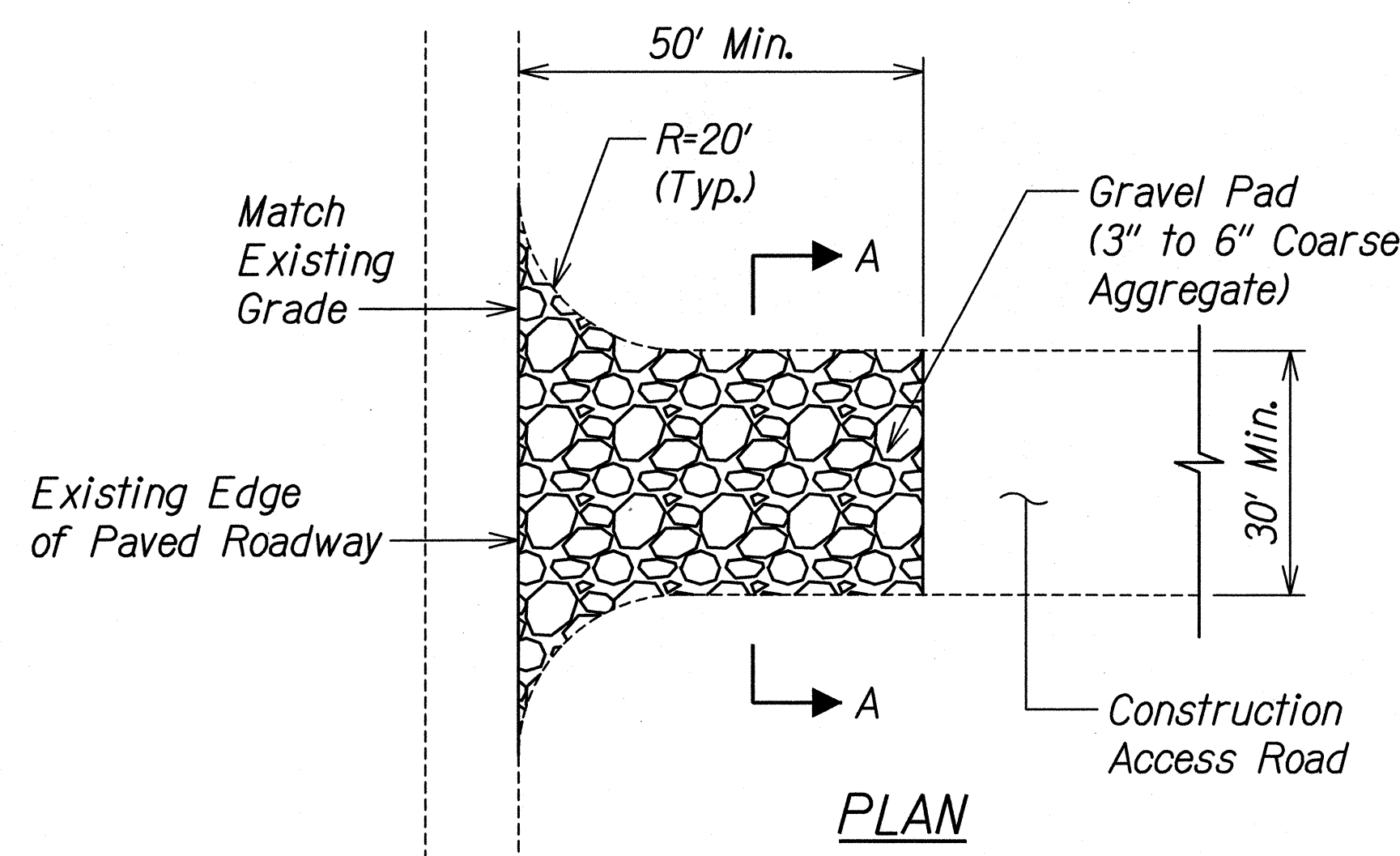


PLAN

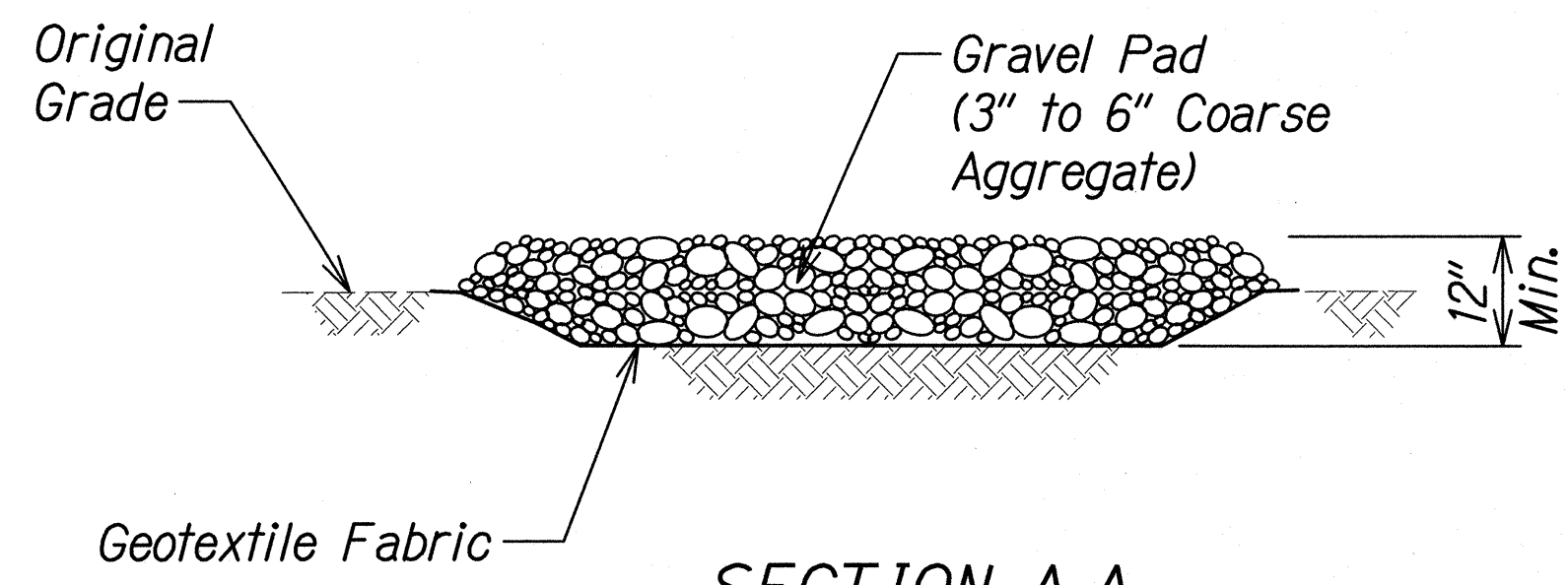


ELEVATION

GRATED INLET PROTECTION
Not to Scale

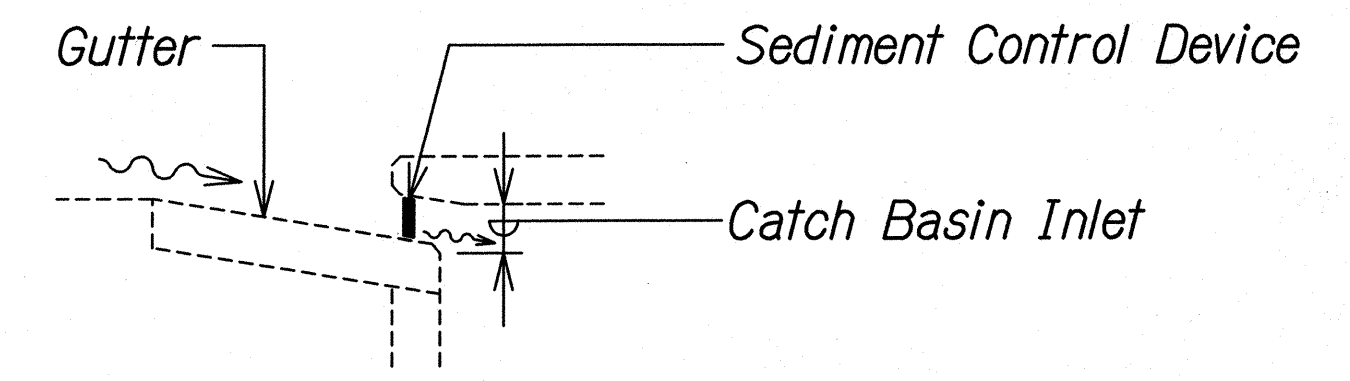


PLAN

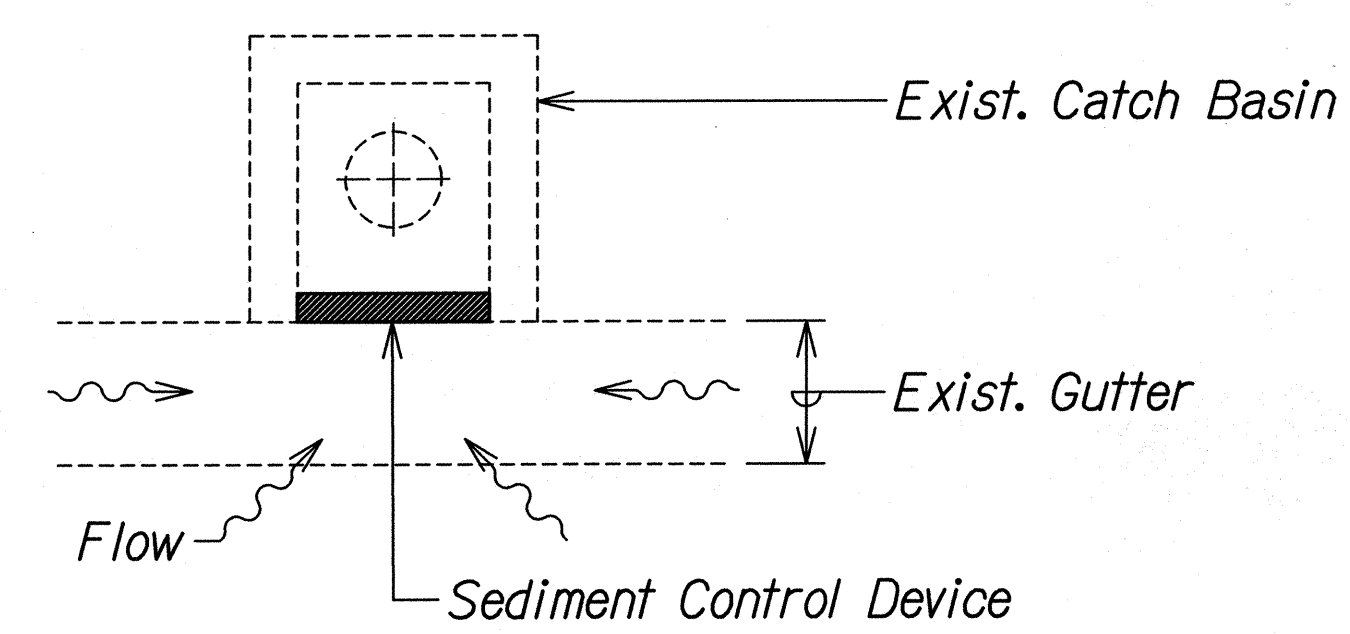


SECTION A-A

**TEMPORARY CONSTRUCTION
ENTRANCE STABILIZATION**
Not to Scale



SECTION

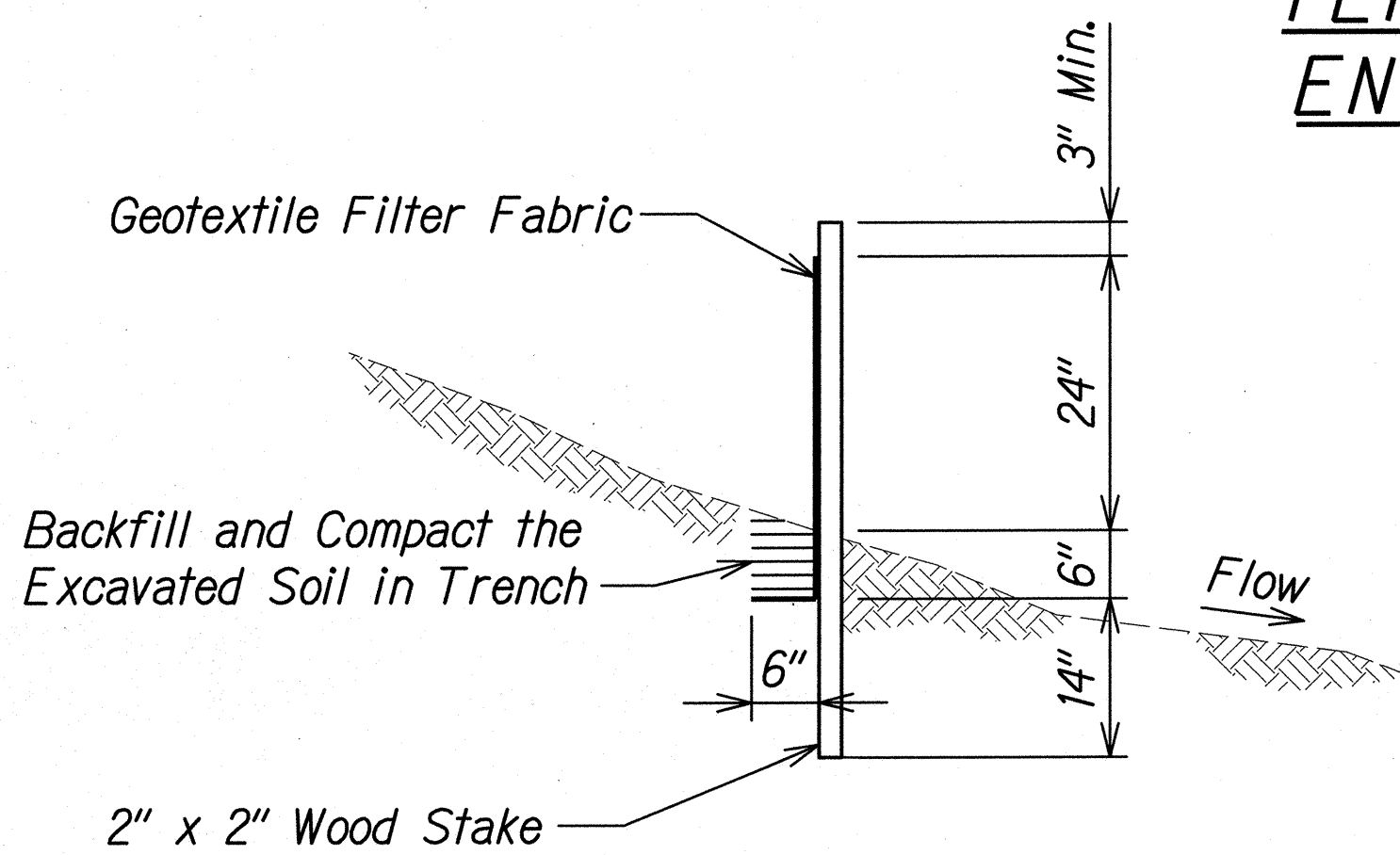
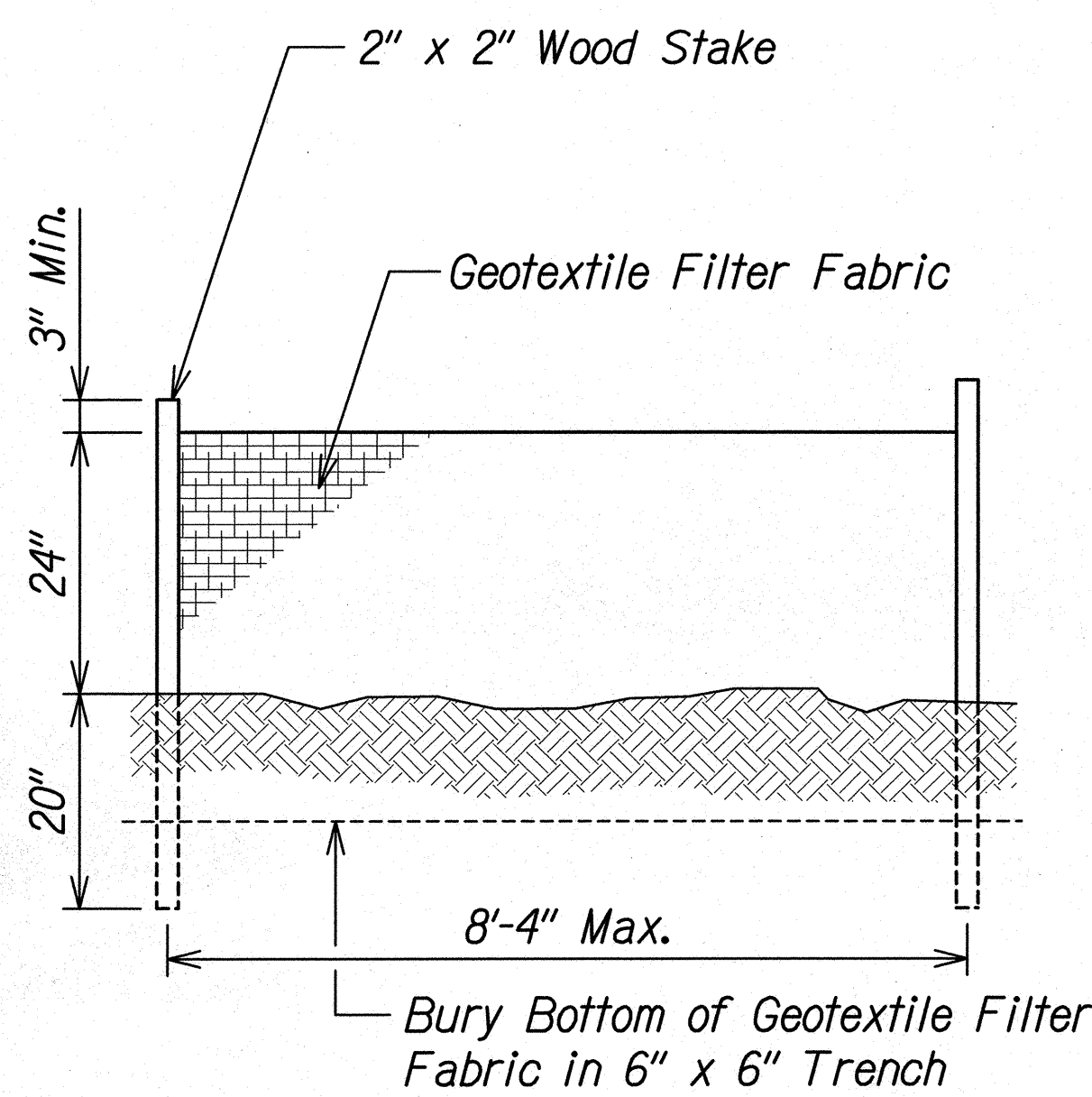


PLAN

NOTES:

1. Sediment Control Device shall fit snugly within curb opening. Filter Media shall not protrude into roadway.
2. Filter Media shall be secured in place to ensure it does not wash away into drainage system.
3. Provide overflow spillway to prevent excessive ponding.

**CATCH BASIN
INLET PROTECTION**
Not to Scale



SILT FENCE NOTES:

1. The filter fabric shall be a minimum of 36 inches wide.
2. If silt fence is obtained from manufacturer as a package (i.e. fabric attached to post) the manufacturer's installation instructions shall be adhered to.

SILT FENCE DETAIL
Not to Scale

ORIGINAL PLAN	DATE
DESIGNED BY	
DRAWN BY	
CHECKED BY	
NOTED BY	
IN CHARGE	

T:\16459A IDIG PAVMT PREVENTIVE MAINTENANCE\HI MIDDLE TO WARD\CADD\SHEETS\04 ECP\BMPdet.dgn

THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.

[Signature] 04/30/14
SIGNATURE EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**WATER POLLUTION &
EROSION CONTROL DETAILS**

INTERSTATE ROUTE H-1 REHABILITATION
Middle Street to Vicinity of Ward Avenue
FAP NO. IM-HI-K(269)

Scale: Not to Scale Date: Apr. 26, 2013