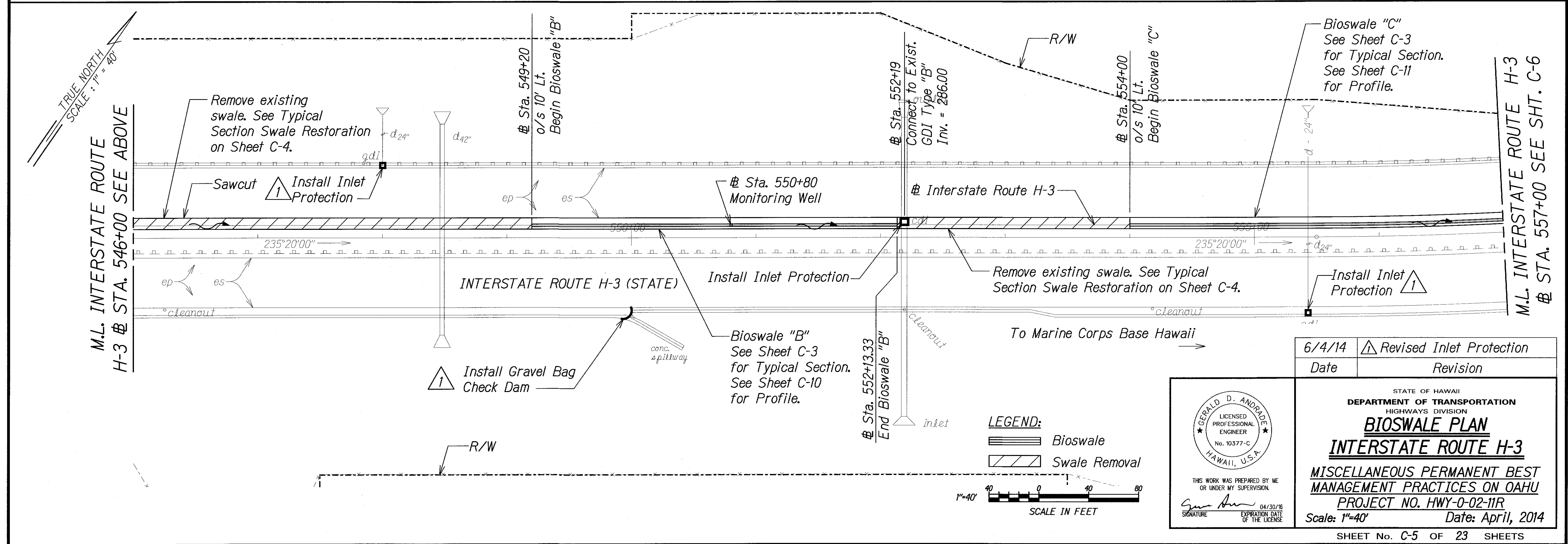
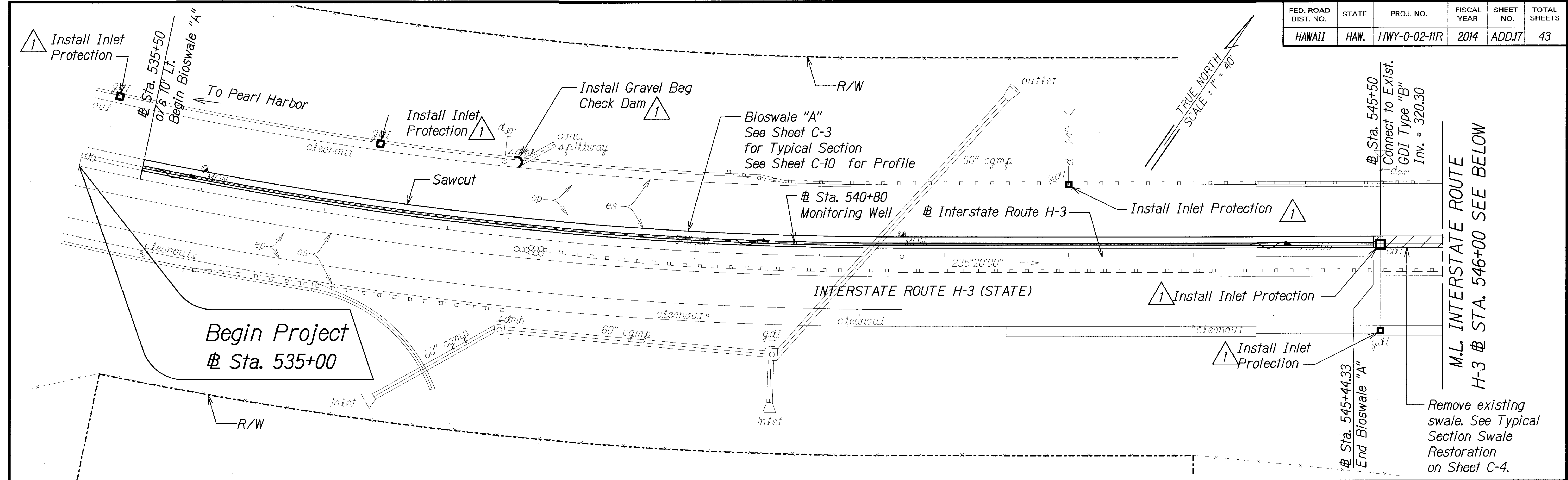
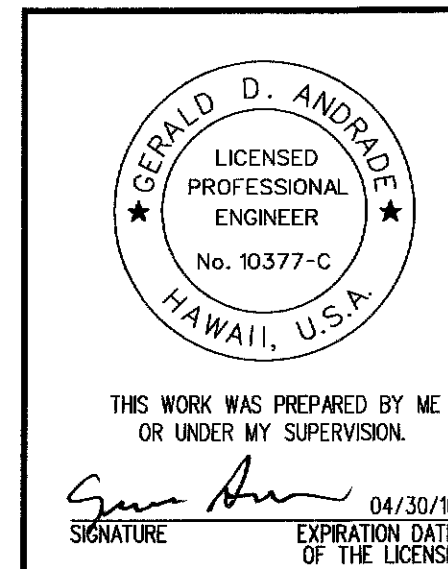


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-02-11R	2014	ADD.17	43

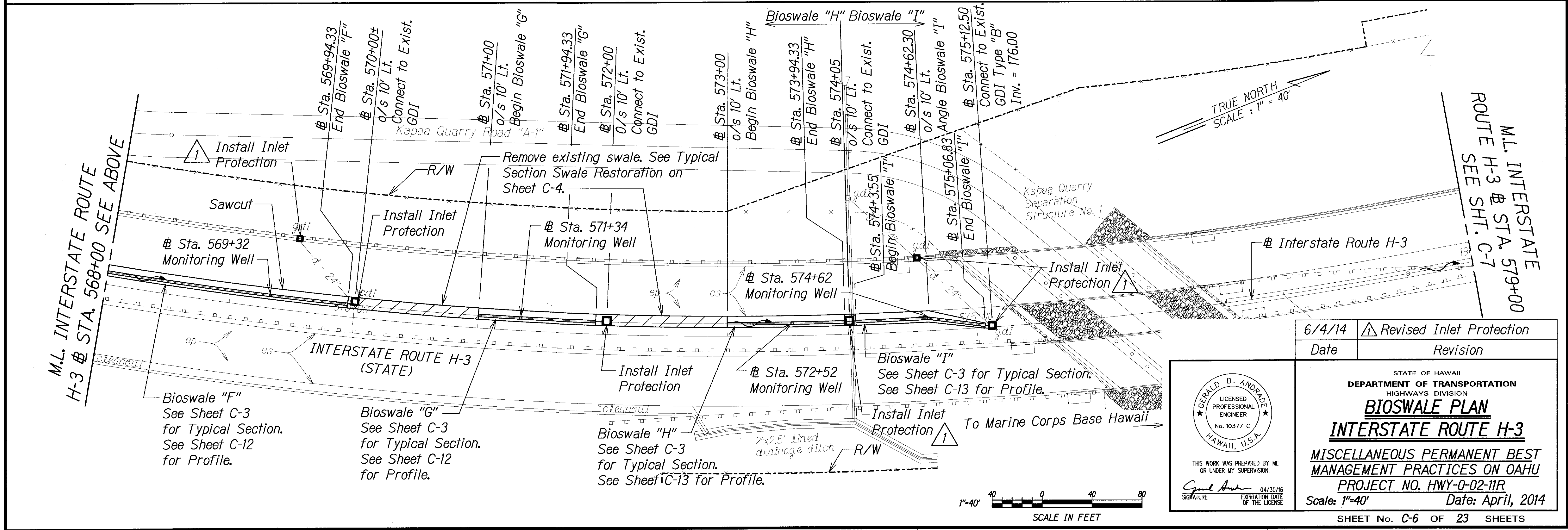
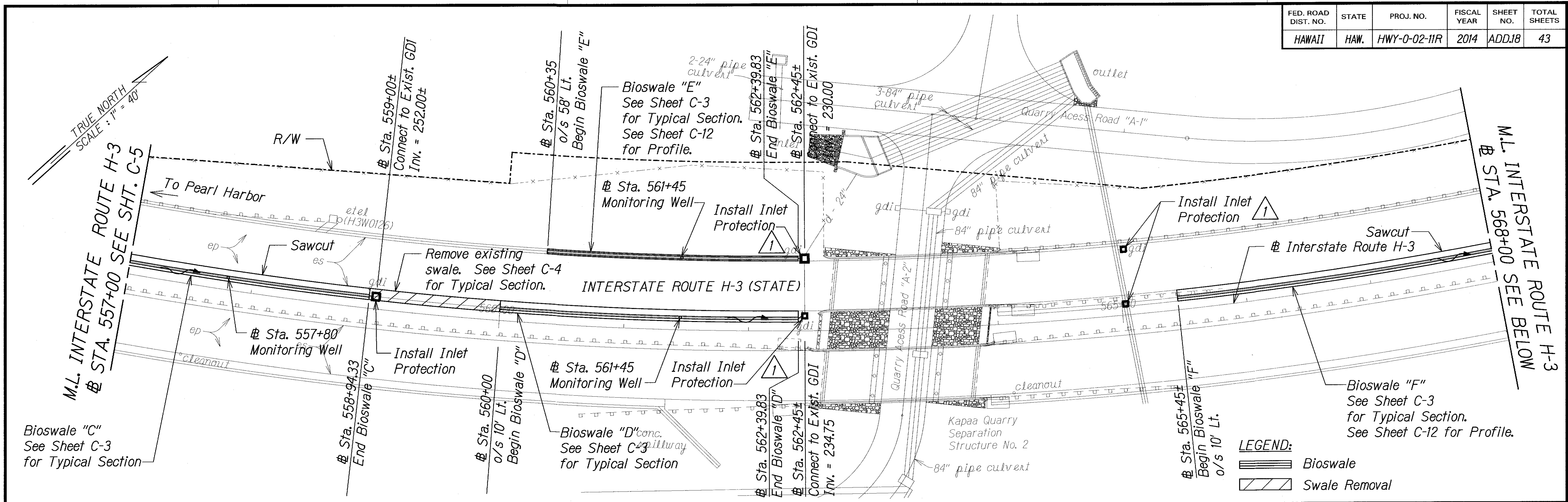


ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	CHECKED BY	



6/4/14	Revised Inlet Protection
Date	Revision

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-02-11R	2014	ADD.18	43



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

GERALD D. ANDRADE
LICENSED PROFESSIONAL ENGINEER
No. 10377-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Signature: *Gerald D. Andrade* Date: 04/30/14

EXPIRATION DATE OF THE LICENSE

6/4/14	Revised Inlet Protection
Date	Revision

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

BIOSWALE PLAN

INTERSTATE ROUTE H-3

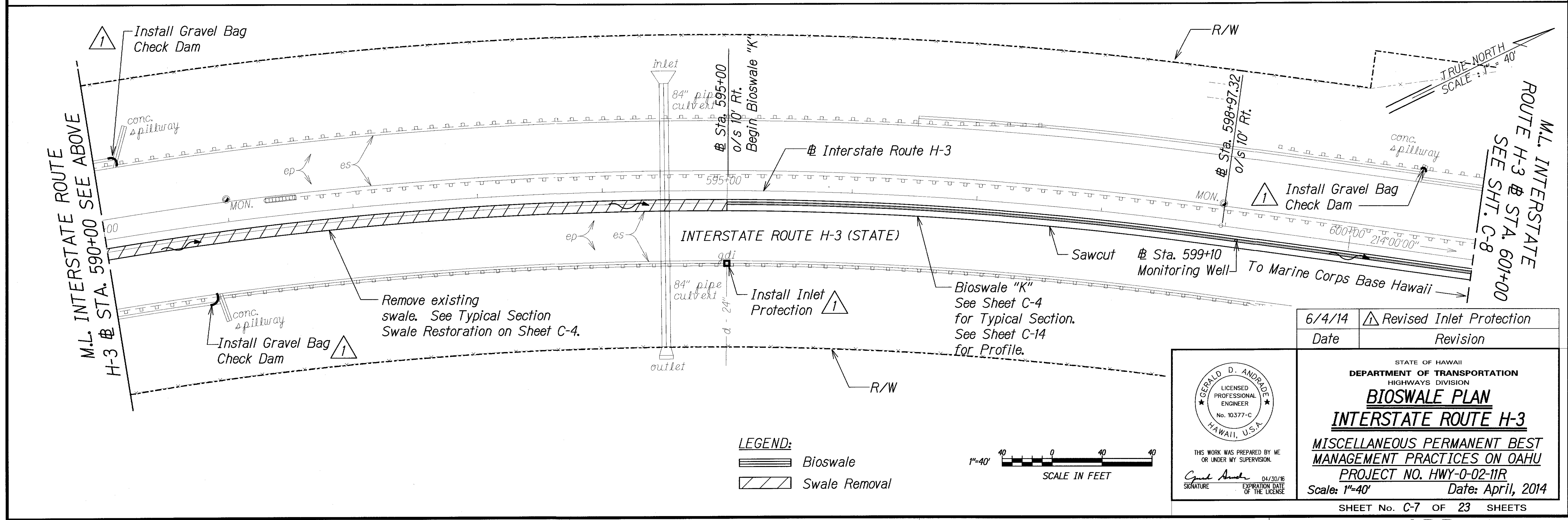
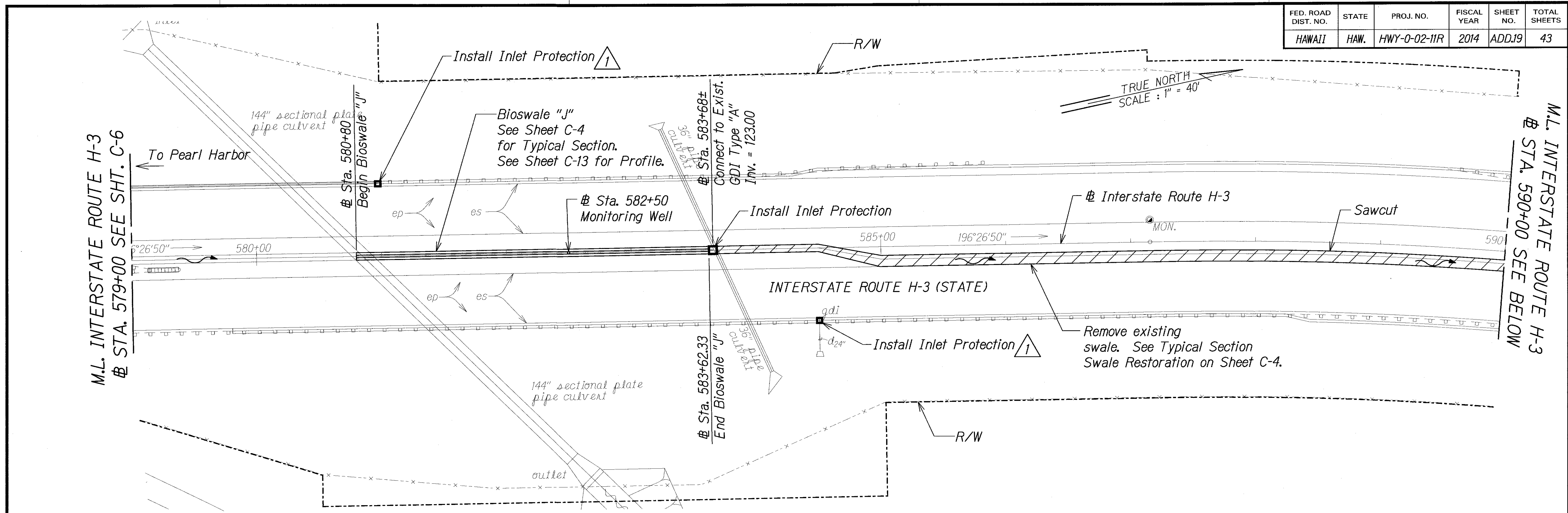
MISCELLANEOUS PERMANENT BEST MANAGEMENT PRACTICES ON OAHU

PROJECT NO. HWY-0-02-11R

Scale: 1"=40' Date: April, 2014

SHEET No. C-6 OF 23 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-02-11R	2014	ADD.19	43



DESIGNED BY	DATE
TRACED BY	
NOTED BY	
CHECKED BY	

TRUE NORTH
SCALE: 1" = 40'

M.L. INTERSTATE ROUTE H-3
STA. 601+00 SEE SHT. C-7

To Pearl Harbor

120" steel pipe culvert

cleanout

ep es

1 Install Inlet Protection

Bioswale "K"
See Sheet C-4
for Typical Section

120" steel pipe culvert

conc. spillway

Install Gravel Bag Check Dam

outlet

gd

1 Install Inlet Protection

INTERSTATE ROUTE E H-3

INTERSTATE ROUTE H-3 (STATE)

ep es

214'00"00"

gd

1 Install Inlet Protection

42" pipe culvert

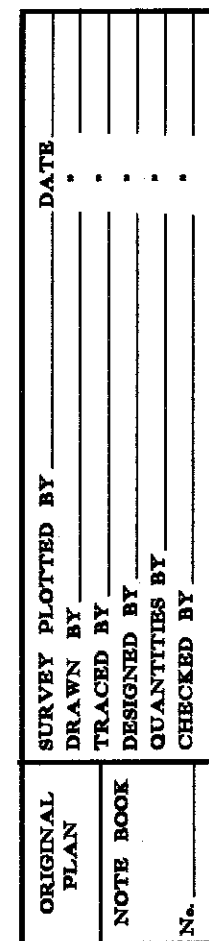
R/W

R/W

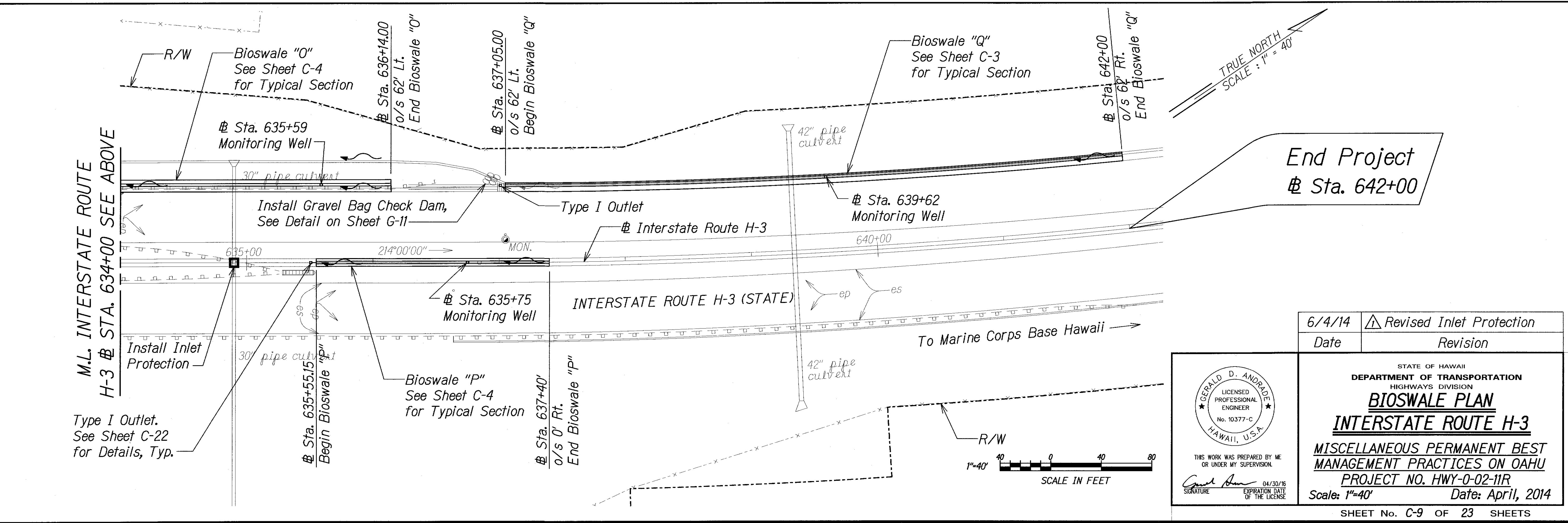
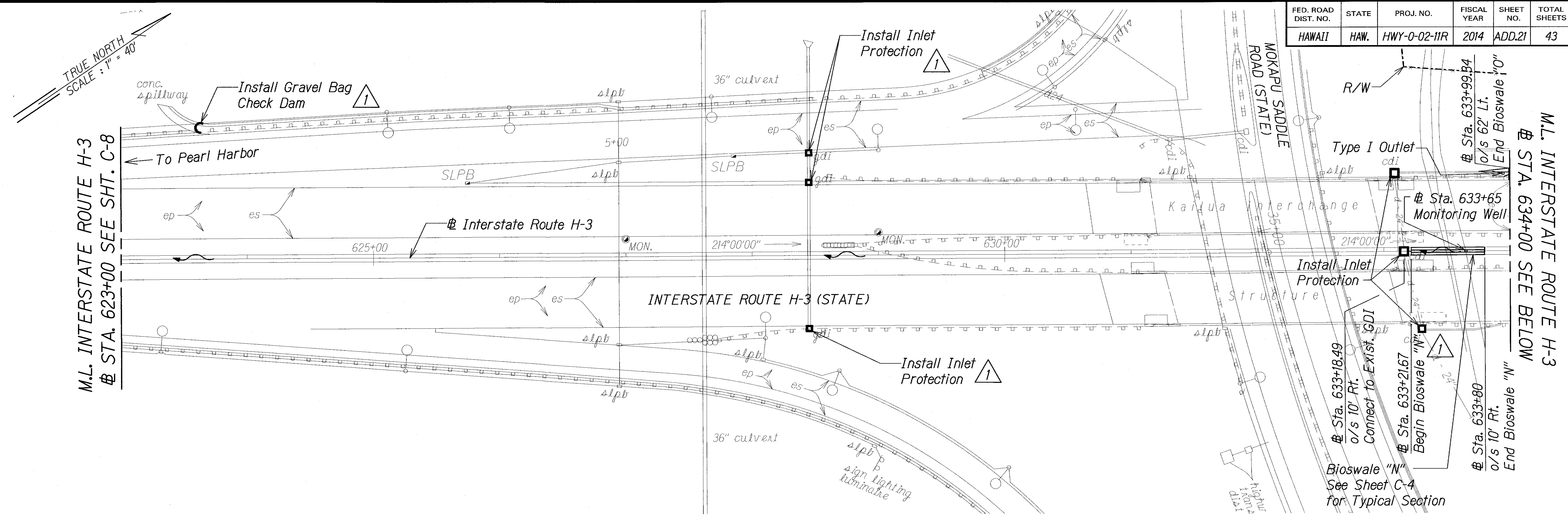
Sta. 605+00
o/s 10' Rt.
Connect to Exist.
GDI Type "B"
Inv. = 38.50

Sta. 605+04.53
End Bioswale "L"

Sta. 604+95.47
End Bioswale "K"



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-02-11R	2014	ADD.21	43



SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
NOTED BY	
CHECKED BY	
DATE	

6/4/14	Revised Inlet Protection
Date	Revision

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

 Signature: *Gerald D. Andrade*

 EXPIRATION DATE OF THE LICENSE: 04/30/16

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
BIOSWALE PLAN
INTERSTATE ROUTE H-3
 MISCELLANEOUS PERMANENT BEST
 MANAGEMENT PRACTICES ON OAHU
 PROJECT NO. HWY-0-02-11R
 Scale: 1"=40' Date: April, 2014
 SHEET No. C-9 OF 23 SHEETS