

CONSTRUCTION SEQUENCE #1 DIAGRAM
STATION 563+32± TO STATION 561+00

- a. INSTALL BMP MEASURES (SEE EROSION CONTROL PLANS)
- b. GRADING AND SHORELINE FILL (SEE GRADING PLAN)
- c. ROADWAY WORK (PAVING AND GUARDRAIL)
- d. REMOVE ALL BMPS ONCE SITE IS PERMANENTLY STABILIZED.

TRUE NORTH
SCALE: 1 IN. = 20 FT.

Provide Smooth Riding
Connection to Exist.
Pavement, Typ.

To
Kahului
→

M.L. B STA. 561+00
REFER TO SHT. 18

BEGIN PROJECT
Project No. 30C-02-04
Sta. 563+32±
MP 15.9±

exist. 10'x3.5'-
box culvert

exist. R/W —

— exist. cane
haul road —

To Lahaina

exist. R/W -

-exist. cane haul road

70' wide exist.
state R/W

- exist. beach
access point

exist. R/W —

— B Honoapiilani Highway

exist. beach-
access point

exist. —
top bank

Sta 56.3+32 0/S 24.0' Lt.

1 1/2" Min. A.C. Pavement Under Guardrail

*- Shoreline Follows Along
Top Bank Edge of
Vegetation (As Revised
Per Field Inspection on
May 16, 2012 by DLNR)*

Sta. 552+80± Lt. to Sta. 563+32± Lt.
Install 1127± L.F. of Guardrail Strong Post
W-Beam with Type FLEAT-350 at Approach End.
Connect to existing guardrail at nearest post at trailing end.

LEGEND

New 4" Thick A.C. Pavement

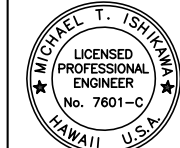
New 1½" Min. Thick A.C. Pavement

ROADWAY PLAN
STA 563+00 TO 561+00

A horizontal number line with tick marks at 0, 10, 20, 40, 60, and 80.

SCALE: 1" = 20'

REDUCED PLAN
(HALF SIZE)



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.

SIGNATURE	EXPIRATION DATE OF THE LICENSE
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

STA 563+50 TO 561+00

HONOAPIILANI HIGHWAY

Shoreline Improvements At Olowalu
Federal-Aid Project No. NH-030-1(052)

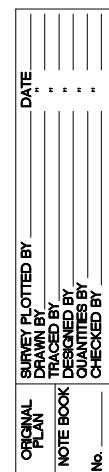
SCALE: 1" = 20' DATE: 03-06-2013

SHEET No. 1 OF 3 SHEETS

17

CONSTRUCTION SEQUENCE #2 DIAGRAM
STATION 561+00 TO STATION 556+00

- INSTALL BMP MEASURES (SEE EROSION CONTROL PLANS)
- GRADING AND SHORELINE FILL (SEE GRADING PLAN)
- ROADWAY WORK (PAVING AND GUARDRAIL)
- REMOVE ALL BMPs ONCE SITE IS PERMANENTLY STABILIZED.



REDUCED (HALF SIZE) PLAN

0 1 2 3

3 INCHES ON ORIGINAL PLAN

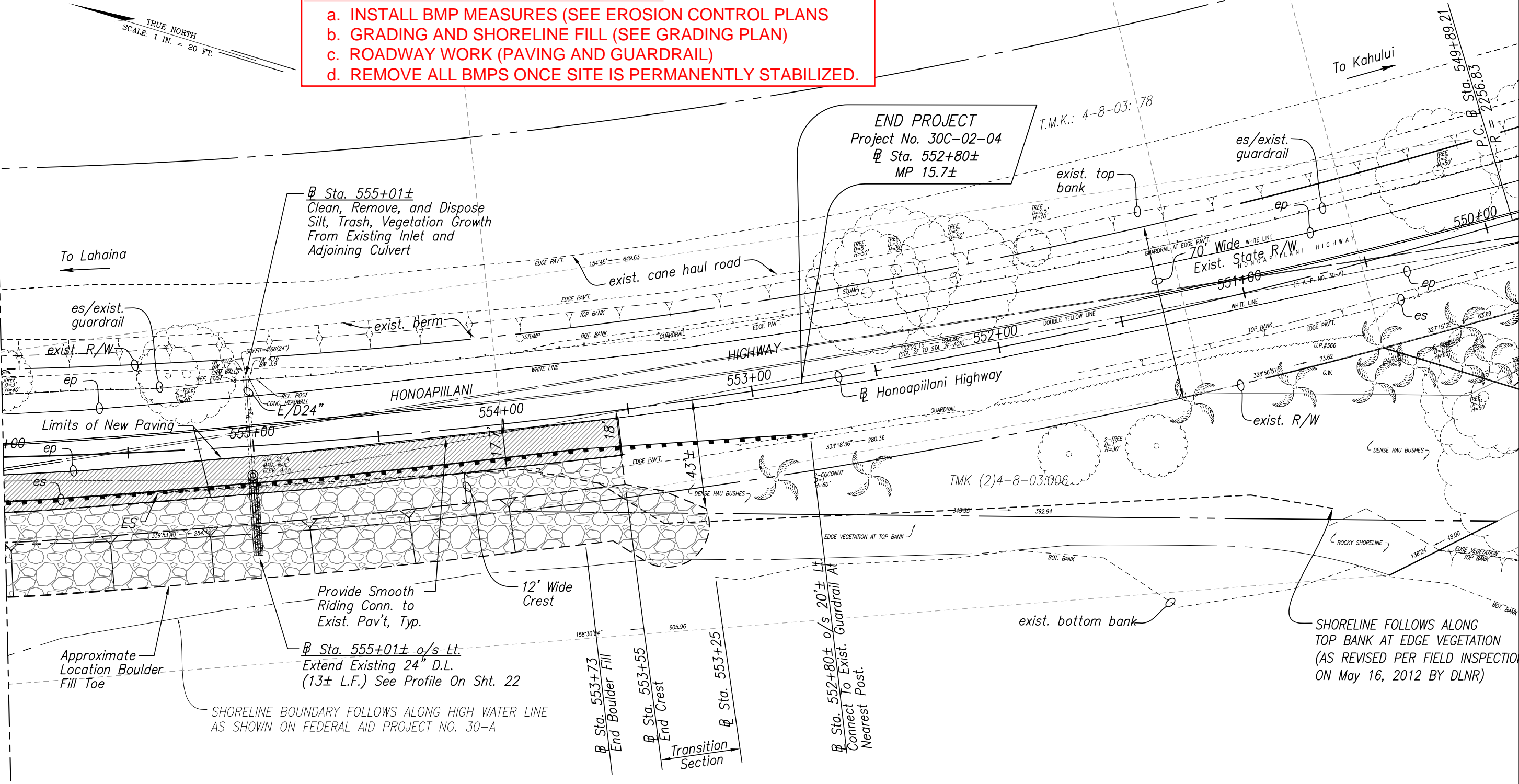


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-030-1(052)	2012	19	40

CONSTRUCTION SEQUENCE #3 DIAGRAM
STATION 556+00 TO STATION 552+80±

- a. INSTALL BMP MEASURES (SEE EROSION CONTROL PLANS)
- b. GRADING AND SHORELINE FILL (SEE GRADING PLAN)
- c. ROADWAY WORK (PAVING AND GUARDRAIL)
- d. REMOVE ALL BMPs ONCE SITE IS PERMANENTLY STABILIZED.

M.L. @ STA. 558+00
REFER TO SHT. 18

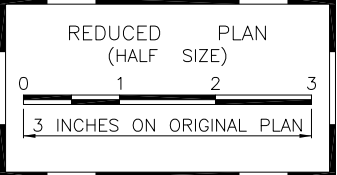
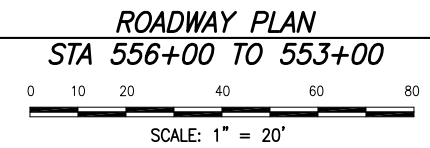


SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
NO.	

LEGEND

New A.C. Pavement

@ Sta. 552+80± Lt. to Sta. 563+32± Lt.
Install 1127± L.F. Of Guardrail Strong Post W-Beam With Fleet-350 At Approach End. Connect to Existing Guardrail At Nearest Post At Trailing End.



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

SIGNATURE: _____ EXPIRATION DATE OF THE LICENSE: _____

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

STA 556+00 TO 553+00

HONOAPIILANI HIGHWAY
Shoreline Improvements At Olowalu
Federal-Aid Project No. NH-030-1(052)

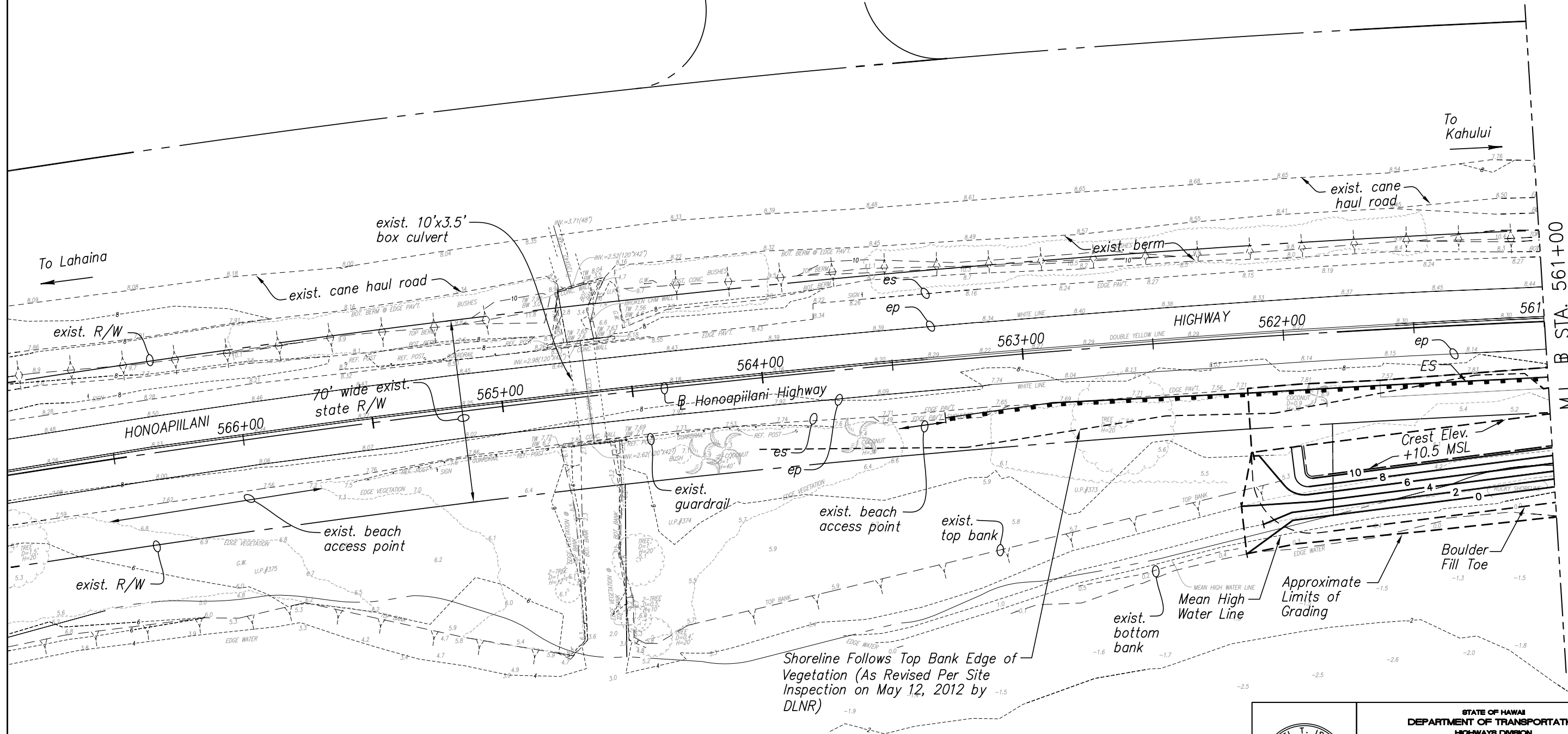
SCALE: 1" = 20' DATE: 03-06-2013

SHEET No. 3 OF 3 SHEETS

GRADING SEQUENCE #1
STATION 563+32± TO STATION 561+00

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-030-1(052)	2012	20	40

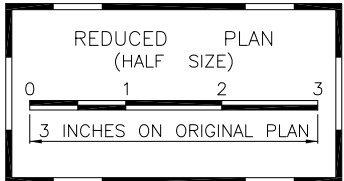
TRUE NORTH
SCALE: 1 IN. = 20 FT.



M.L. B STA. 561+00
REFER TO SHT. 21

DATE: _____
SURVEY PLOTTED BY: _____
DRAWN BY: _____
CHECKED BY: _____
DESIGNED BY: _____
NOTED BY: _____
No. _____

GRADING PLAN
STA 563+32± TO 561+00
SCALE: 1" = 20'



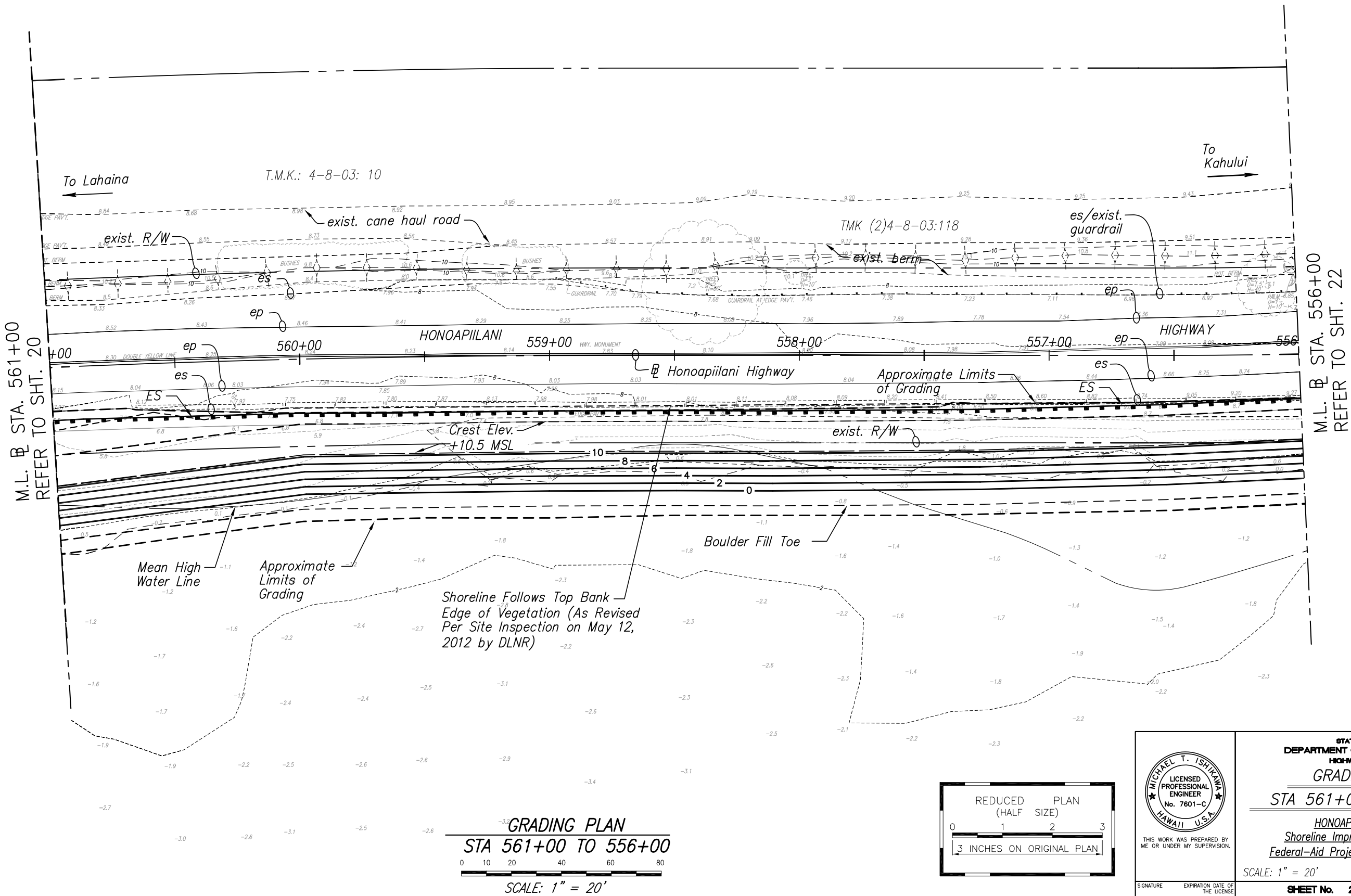
MICHAEL T. ISHIIKAWA
LICENSED PROFESSIONAL ENGINEER
No. 7601-C
HAWAII, U.S.A.
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
SIGNATURE: _____ EXPIRATION DATE OF THE LICENSE: _____

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
GRADING PLAN
STA 563+32± TO 561+00
HONOAPIILANI HIGHWAY
Shoreline Improvements At Olowalu
Federal-Aid Project No. NH-030-1(052)
SCALE: 1" = 20' DATE: 03-06-2013
SHEET No. 1 OF 3 SHEETS

GRADING SEQUENCE #2
STATION 561+00 TO STATION 556+00

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-030-1(052)	2012	21	40

TRUE NORTH
SCALE: 1 IN. = 20 FT.



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

