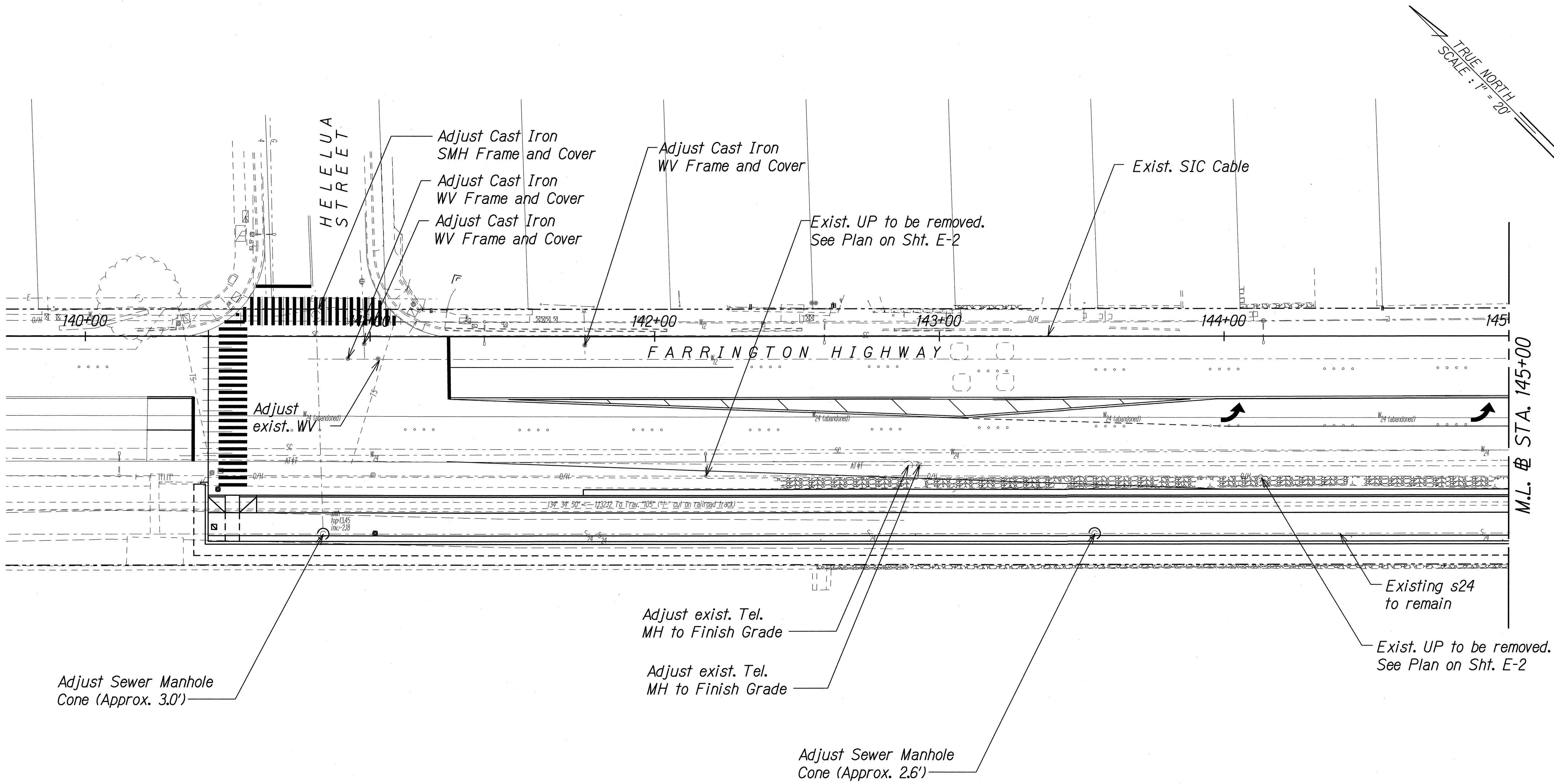


FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-093-1(22)	2013	100	230



NOTE:
For traffic signal system adjustments see
Sht. TS-1 to TS-4.

Approved: _____
Scott Yushu 7/18/13
 Chief, Wastewater Branch, DPP Date

Approved: _____
 _____ 1.22.2013
 Manager and Chief Engineer, BWS
 (For work affecting BWS facilities in City/State
 R/W and BWS Easements only) Date

THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.
Gerald Andrade
 SIGNATURE EXPIRATION DATE
 04/30/14
 OF THE LICENSE

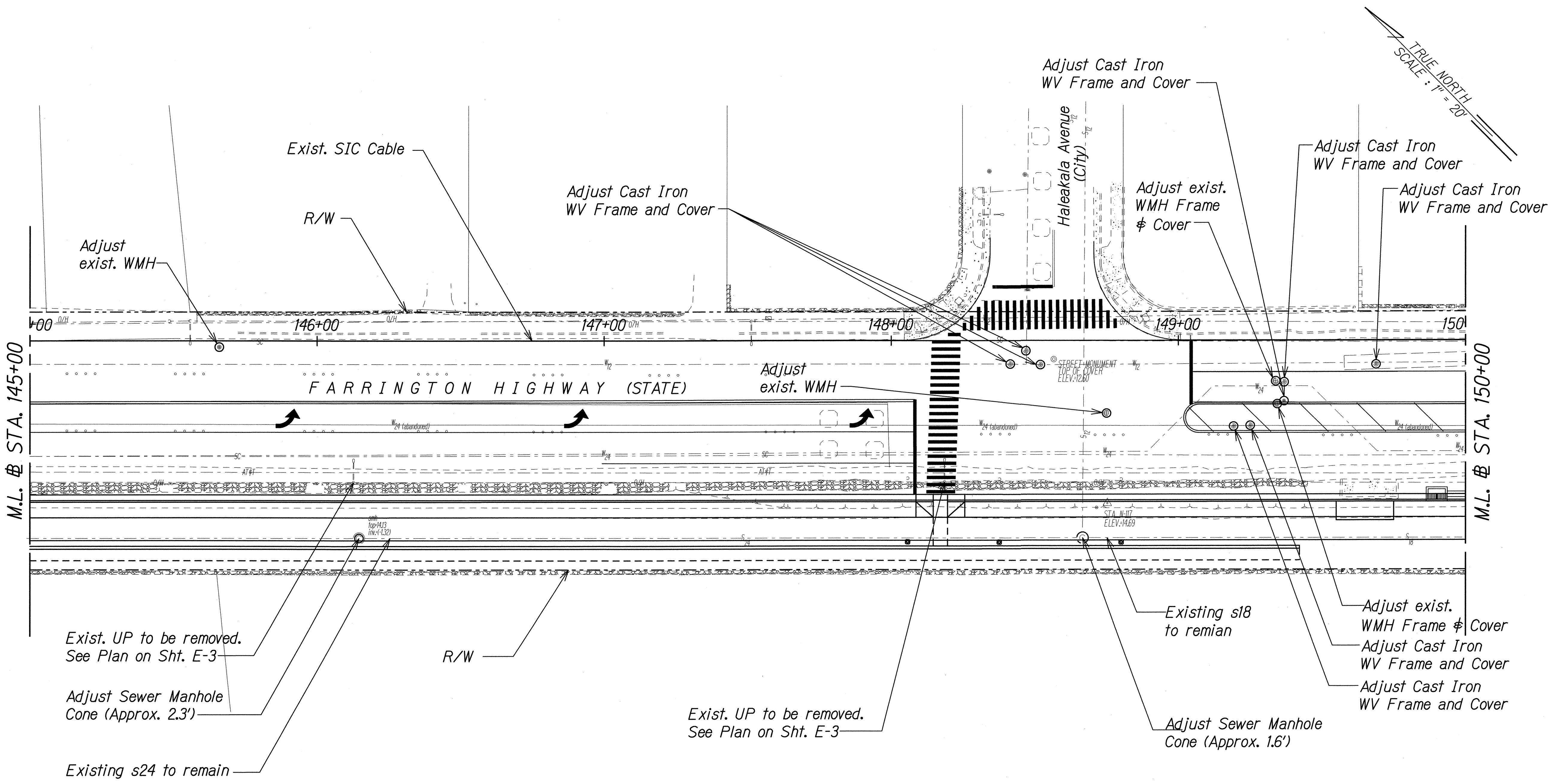
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

UTILITY PLAN
STA. 140+00 TO 145+00

FARRINGTON HIGHWAY INTERSECTION IMPROVEMENTS
 AT NANAKULI AVENUE AND HALEAKALA AVENUE
 Federal-Aid Project No. STP-093-1(22)

Scale: 1"=20' Date: April 2013

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-093-1(22)	2013	101	230



NOTE:
For traffic signal system adjustments see Sht. TS-1 to TS-4.

Approved:
Scott Husko 7/18/13
Chief, Wastewater Branch, DPP Date

Approved:
[Signature] 1-28-2017
Manager and Chief Engineer, BWS Date
(For work affecting BWS facilities in City/State R/W and BWS Easements only)

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Signature: *Gerald D. Andros* 04/30/14
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

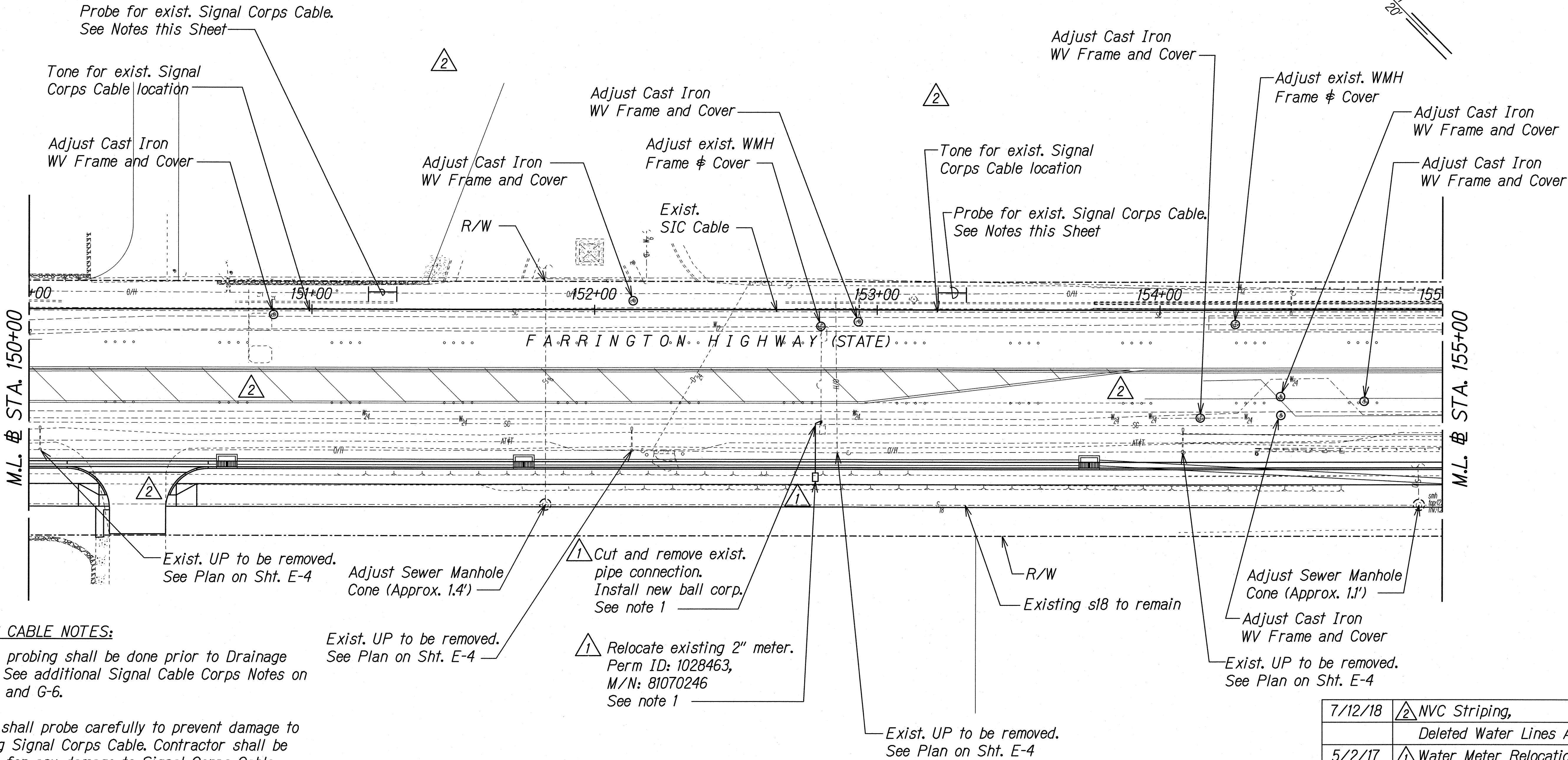
UTILITY PLAN
STA. 145+00 TO 150+00

FARRINGTON HIGHWAY INTERSECTION IMPROVEMENTS
AT NANAKULI AVENUE AND HALEAKALA AVENUE
Federal-Aid Project No. STP-093-1(22)

Scale: 1"=20' Date: April 2013

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-093-1(22)	2013	C.O. 102	230

- NOTES:**
- Probe for existing ball corp. servicing exist. WM.
Cut exist. 2-1/2" lateral @ exist. edge of pavement.
Extend 2-1/2" lateral and install new Type III box in new sidewalk.
Install new 2-1/2" ball corp.



SIGNAL CORPS CABLE NOTES:

- Toning and probing shall be done prior to Drainage excavation. See additional Signal Cable Corps Notes on Sheets G-5 and G-6.
- Contractor shall probe carefully to prevent damage to the existing Signal Corps Cable. Contractor shall be responsible for any damage to Signal Corps Cable during probing.
- If Signal Corps Cable is in conflict with proposed drainage system, the Contractor shall submit plans stamped by licensed engineer for the relocation of Signal Corps Cable for acceptance. Payment for design and construction shall be paid by force account under Pay Item 627.600 "Field Adjustment for Drainline". Probing and Toning shall be considered incidental to the various contract items.

- Exist. UP to be removed. See Plan on Sht. E-4
- 1 Cut and remove exist. pipe connection. Install new ball corp. See note 1
- 1 Relocate existing 2" meter. Perm ID: 1028463, M/N: 81070246 See note 1

Approved: Jew Chang 11-28-10
Chief, Wastewater Branch, DPP Date

Approved: [Signature] JUL 30 2018
Manager and Chief Engineer, BWS Date
(For work affecting BWS facilities in City/State R/W and BWS Easements only)

7/12/18	2 NVC Striping,
	Deleted Water Lines A & B
5/2/17	1 Water Meter Relocation
Date	Revision

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
SIGNATURE: [Signature] 04/30/18
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

UTILITY PLAN
STA. 150+00 TO 155+00

FARRINGTON HIGHWAY INTERSECTION IMPROVEMENTS
AT NAKAKULI AVENUE AND HALEAKALA AVENUE
Federal-Aid Project No. STP-093-1(22)

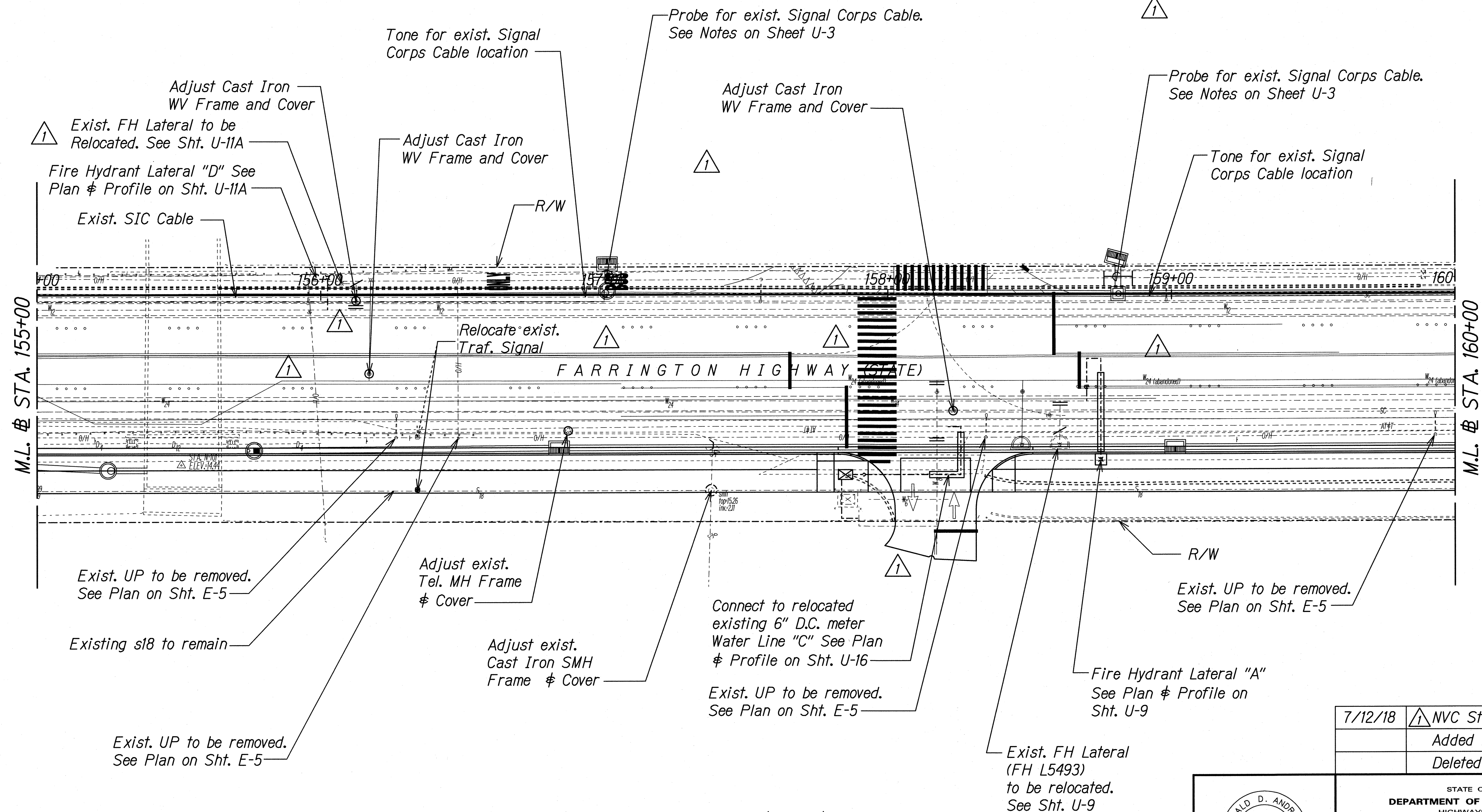
Scale: 1"=20' Date: April 2013

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

J:\DOT-FARRINGTON HWY INTERSECTIONS\NAKAKULI HALEAKALA\CADD\Sheets\Utility\util_02.dgn

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-093-1(22)	2013	C.O. 103	230

TRUE NORTH
SCALE : 1" = 20'



Approved:


Jeno Chy
Chief, Wastewater Branch, DPP^{MP}

11-20-10
Date

Approved:

for Manager and Chief Engineer, BWS _____ Date _____
(For work affecting BWS facilities in City/State
R/W and BWS Easements only)


JUL 30 2018



THIS WORK WAS PREPARED BY
OR UNDER MY SUPERVISION.

Gerald D. Andrade
SIGNATURE

04/11
EXPIRATION DATE

7/12/18	 NVC Striping,
	Added FH Lateral "D",
	Deleted Water Lines D & E

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

UTILITY PLAN
STA. 155+00 TO 160+00

FARRINGTON HIGHWAY INTERSECTION IMPROVEMENTS
AT NANAKULI AVENUE AND HALEAKALA AVENUE
Federal-Aid Project No. STP-093-(122)

Scale: 1"=20' Date: April 2013

SHEET No. U-4 OF 21 SHEETS

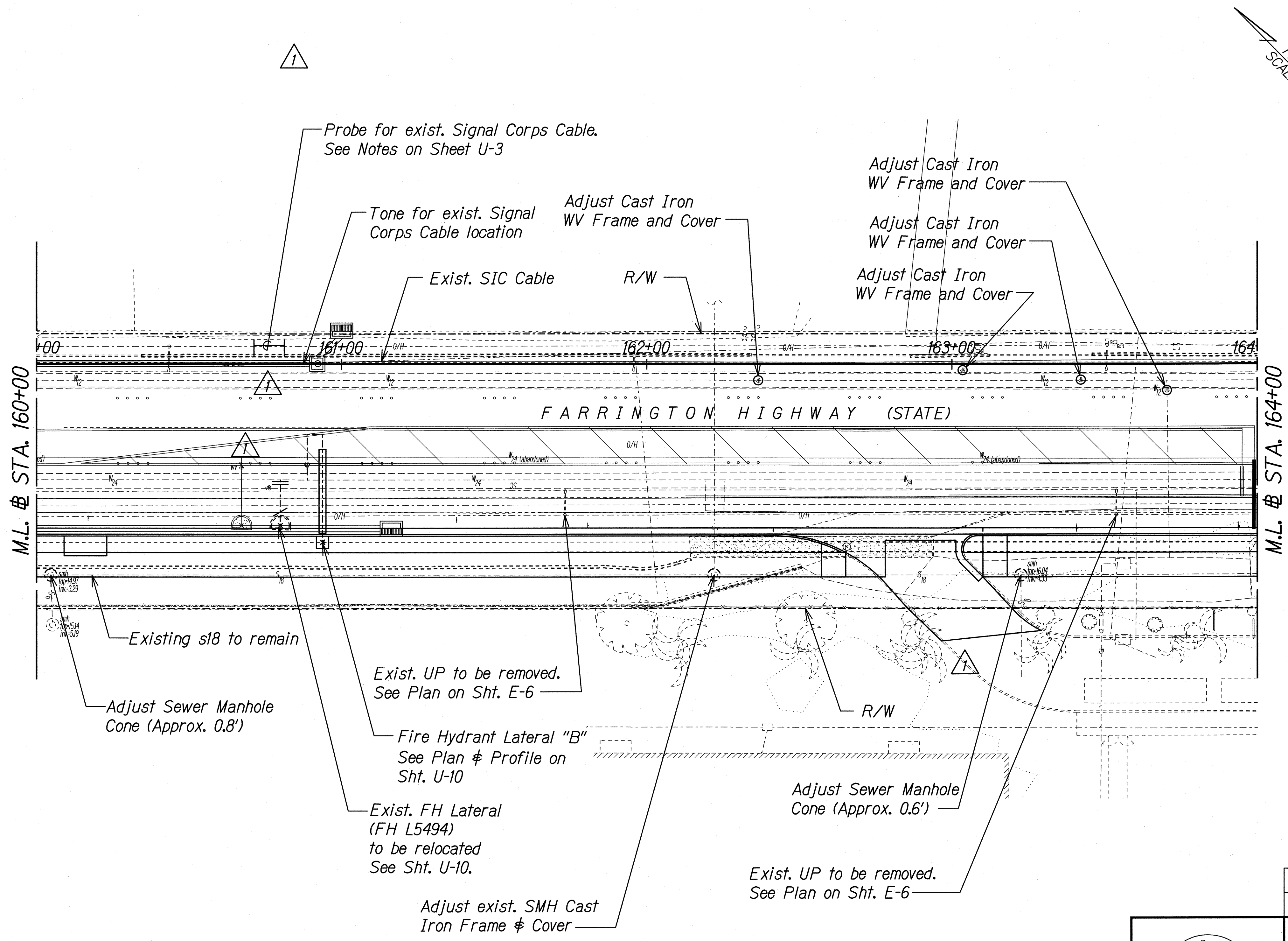
C.O. 103

CONTRACT CHANGE ORDER NO. 12 1st SUPPLEMENT

ORIGINAL PLAN	SURVEY PLOTTED BY _____ DATE _____
NOTE BOOK	DRAWN BY _____
	TRACED BY _____
	DESIGNED BY _____
	QUANTITIES BY _____
	CHECKED BY _____
N _o _____	

HALEAKALA/CADD/Sheets/Utility/Util_03.dgn

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-093-1(22)	2013	C.O. 104	230

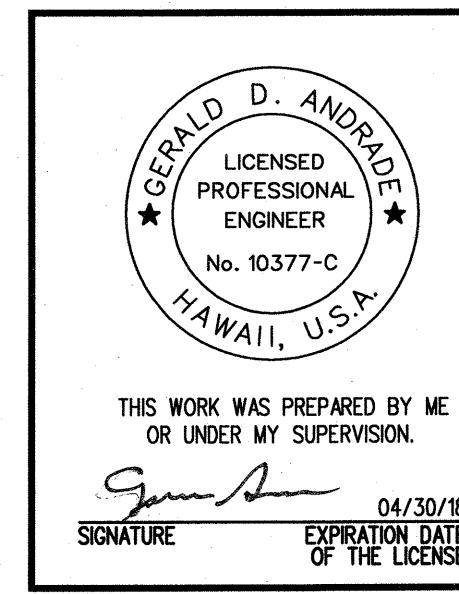


TRUE NORTH
SCALE: 1" = 20'

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

Approved: John Chy 11-20-10
Chief, Wastewater Branch, DPPM Date

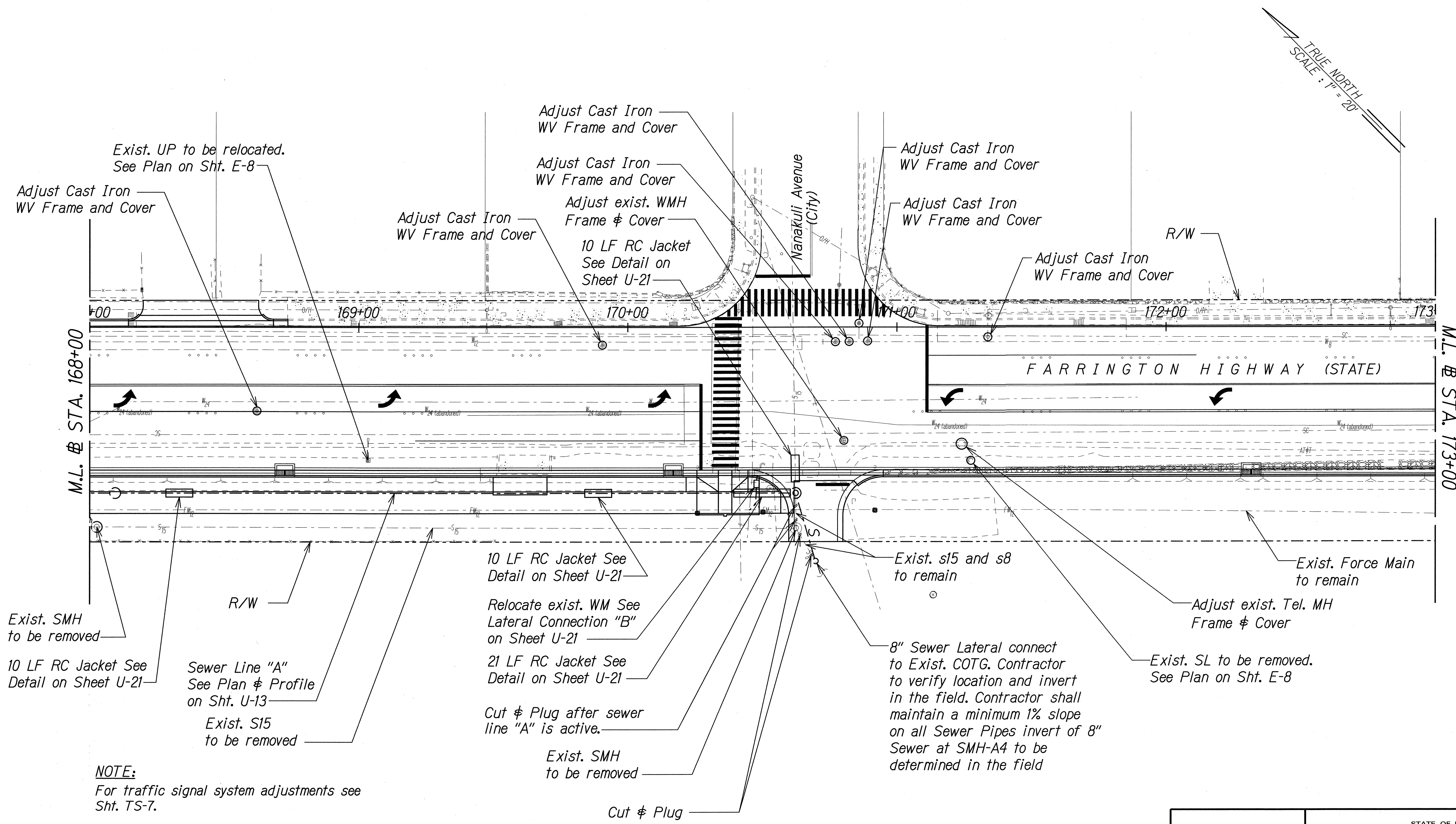
Approved: [Signature] JUL 30 2018
Manager and Chief Engineer, BWS Date
(For work affecting BWS facilities in City/State
R/W and BWS Easements only)



7/12/18	NVC Striping, Deleted Water Line F
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION UTILITY PLAN STA. 160+00 TO 164+00 FARRINGTON HIGHWAY INTERSECTION IMPROVEMENTS AT NANAKULI AVENUE AND HALEAKALA AVENUE Federal-Aid Project No. STP-093-1(22) Scale: 1"=20' Date: April 2013	

CONTRACT CHANGE ORDER NO. 12 1st SUPPLEMENT

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-093-1(22)	2013	106	230



NOTE:
For traffic signal system adjustments see Sht. TS-7.

Approved: _____
Scott Husko 9/13/13
 Chief, Wastewater Branch, DPP Date

Approved: _____
[Signature] 9-23-2013
 Manager and Chief Engineer, BWS Date
 (For work affecting BWS facilities in City/State R/W and BWS Easements only)

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
 Signature: *Gerald Andrade* 04/30/14
 EXPIRATION DATE OF THE LICENSE

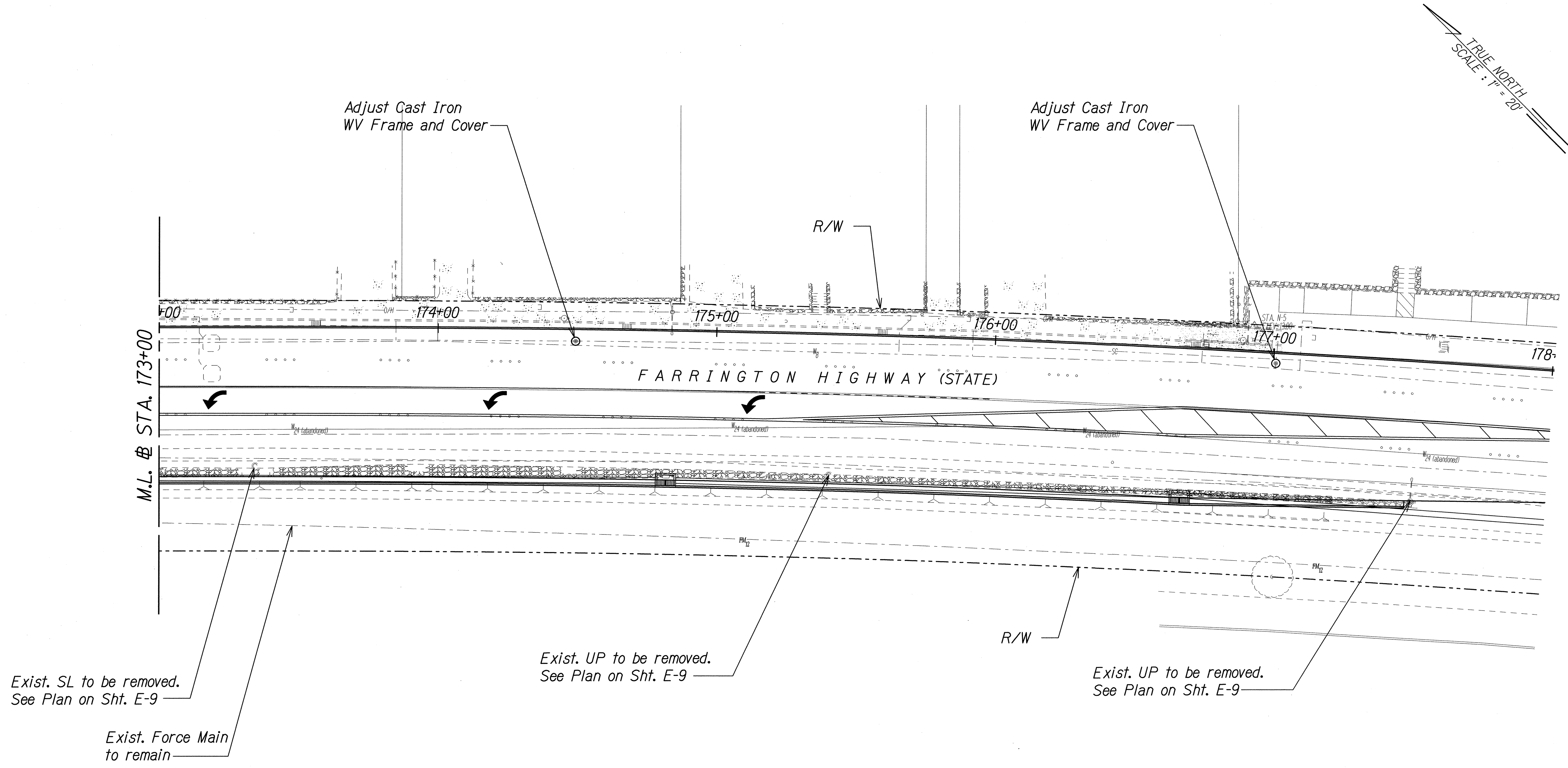
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

UTILITY PLAN
STA. 168+00 TO 173+00

FARRINGTON HIGHWAY INTERSECTION IMPROVEMENTS
 AT NAKAKULI AVENUE AND HALEAKALA AVENUE
 Federal-Aid Project No. STP-093-1(22)

Scale: 1"=20' Date: April 2013

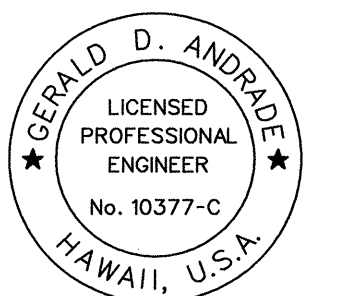
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-093-1(22)	2013	107	230



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

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Approved:  1-2-13
 Manager and Chief Engineer, BWS
 (For work affecting BWS facilities in City/State R/W and BWS Easements only)



STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

UTILITY PLAN
STA. 173+00 TO 178+00

FARRINGTON HIGHWAY INTERSECTION IMPROVEMENTS
 AT NAKAKULI AVENUE AND HALEAKALA AVENUE
 Federal-Aid Project No. STP-093-1(22)

Scale: 1"=20' Date: April 2013