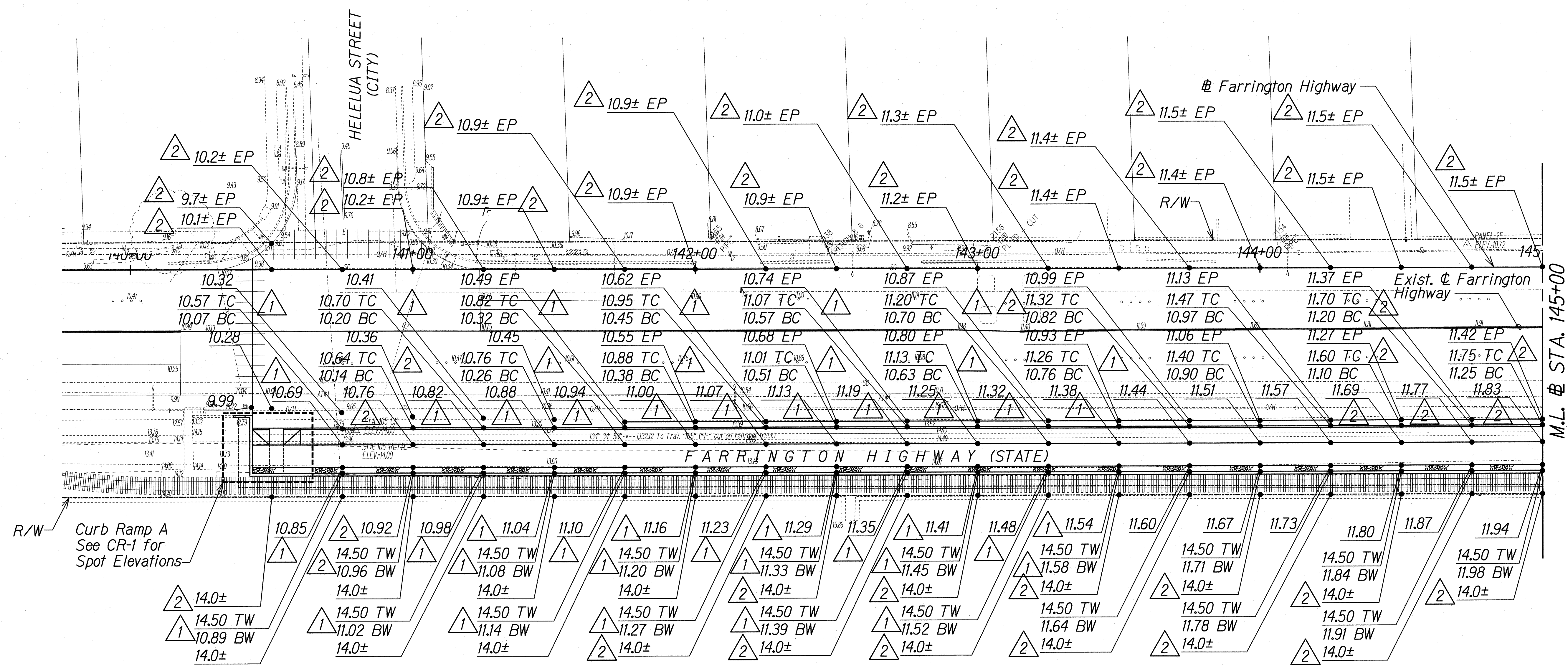


TRUE NORTH  
SCALE: 1" = 20'



M.L. @ STA. 145+00

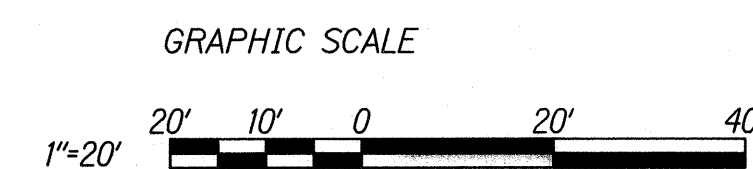
**CONTRACT CHANGE ORDER NO. 15**

**NOTE:**  
For railroad restoration spot elevations, see sheet PP-1.

**LEGEND:**

EP - Edge of Pavement	BKS - Back of Swale
BC - Bottom of Curb	BS - Bottom of Swale
TC - Top of Curb	10.5± - Existing Elevation
BW - Bottom of Wall	10.52 - Finish Elevation
TW - Top of Wall	

SPOT ELEVATIONS @ CL FARRINGTON HIGHWAY										
Sta.	140+50	140+75	141+00	141+25	141+50	141+75	142+00	142+25	142+50	142+75
Elev.	10.82	10.88	10.95	11.01	11.07	11.13	11.19	11.26	11.32	11.38
Sta.	143+00	143+25	143+50	143+75	144+00	144+25	144+50	144+75	145+00	
Elev.	11.44	11.51	11.57	11.63	11.70	11.76	11.91	12.01	12.06	



7/18/17	△ Revised Spot Elevations
10/5/16	△ Revised Spot Elevations
Date	Revision

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.  
Signature: *Gerald D. Andrade* 04/30/18  
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SPOT ELEVATION 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

SHEET No. SP-1 OF 10 SHEETS

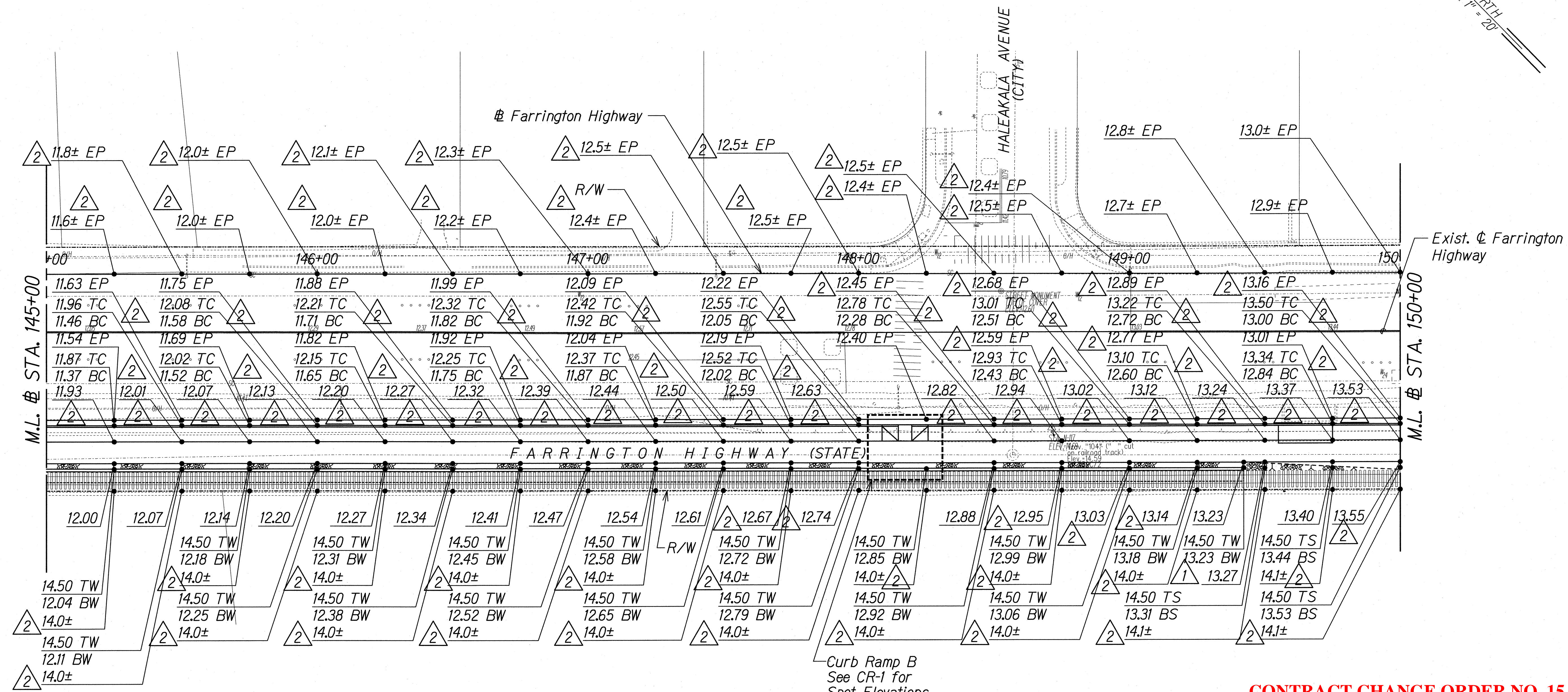
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 CHECKED BY: \_\_\_\_\_  
 DESIGNED BY: \_\_\_\_\_  
 QUANTITIES BY: \_\_\_\_\_  
 NOTE BOOK: \_\_\_\_\_  
 NO. \_\_\_\_\_

T-1/DOE-FARRINGTON HWY INTERSECTIONS NANAKULI HALEAKALA CADD/Sheets/SPOT ELEVATIONS/SP-1.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. 28	230

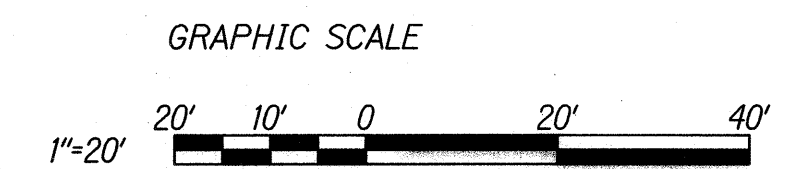
TRUE NORTH  
SCALE: 1" = 20'



CONTRACT CHANGE ORDER NO. 15

SPOT ELEVATIONS @ ♢ FARRINGTON HIGHWAY										
Sta.	145+25	145+50	145+75	146+00	146+25	146+50	146+75	147+00	147+25	147+50
Elev.	12.18	12.27	12.33	12.39	12.46	12.52	12.56	12.63	12.68	12.73
Sta.	147+75	148+00	148+25	148+50	148+75	149+00	149+25	149+50	149+75	150+00
Elev.	12.83	12.86	12.93	12.98	13.08	13.10	13.19	13.31	13.43	13.56

- Legend:**
- EP - Edge of Pavement
  - BC - Bottom of Curb
  - TC - Top of Curb
  - BW - Bottom of Wall
  - TW - Top of Wall
  - BKS - Back of Swale
  - BS - Bottom of Swale
  - 10.5± - Existing Elevation
  - 10.52 - Finish Elevation



7/18/17	△ Revised Spot Elevations
10/5/16	△ Revised Spot Elevations
Date	Revision

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.  
Signature: *Gerald D. Andrade* Date: 04/30/18  
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SPOT ELEVATION 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

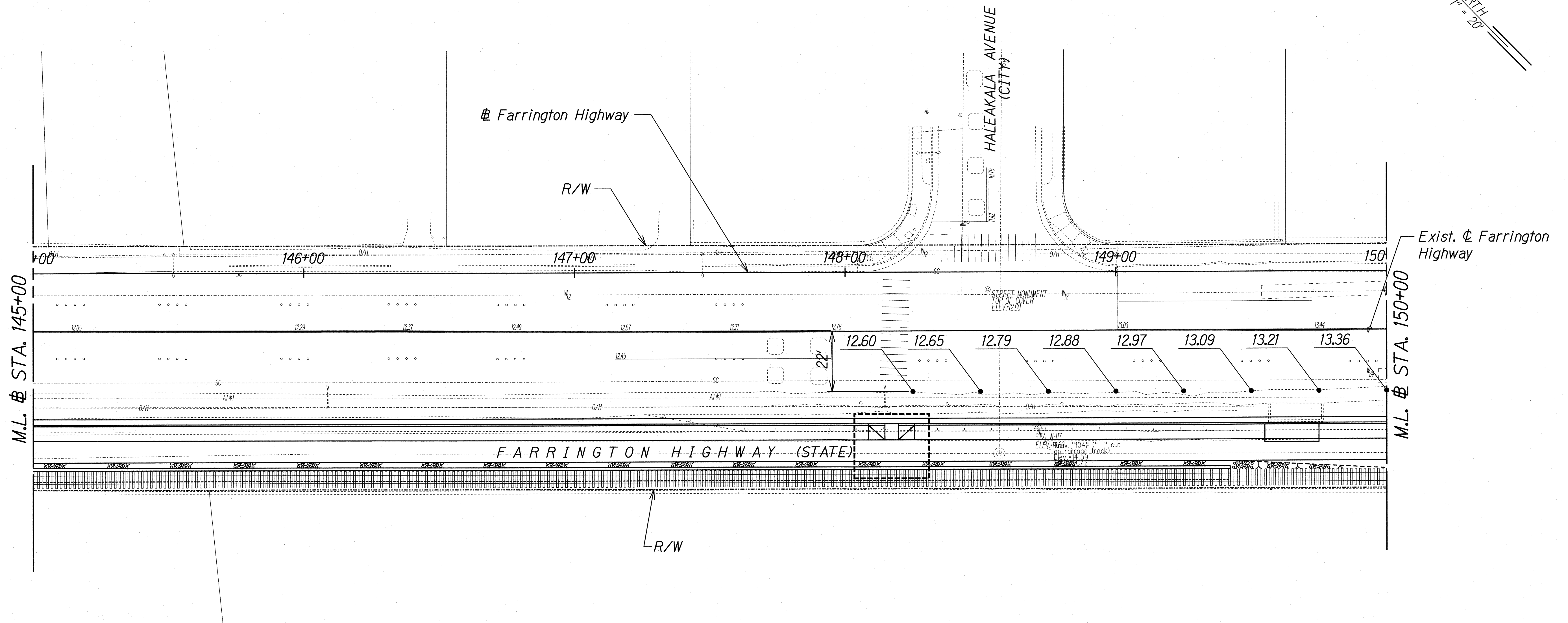
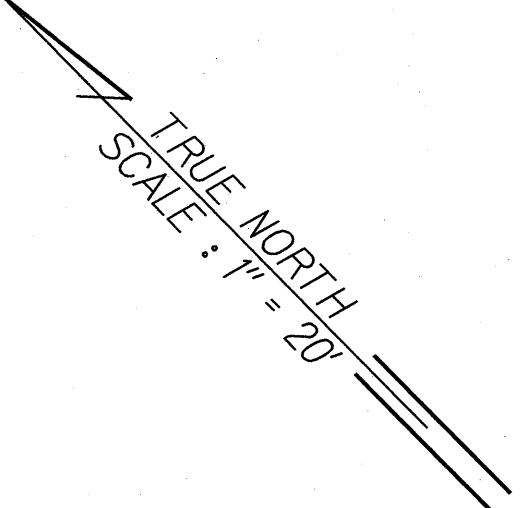
SHEET No. SP-2 OF 10 SHEETS

ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	

T:\DOT-FARRINGTON HWY INTERSECTIONS\NANAKULI HALEAKALA\CADD\Sheets\SPOT ELEVATIONS\SP-2.dgn



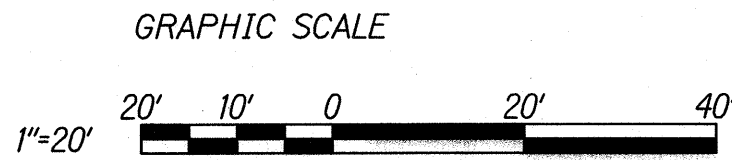
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-093-1(22)	2013	C.O. 28S-1	230



SPOT ELEVATIONS @ FARRINGTON HIGHWAY										
Sta.	145+25	145+50	145+75	146+00	146+25	146+50	146+75	147+00	147+25	147+50
Elev.	12.18	12.27	12.33	12.39	12.46	12.52	12.56	12.63	12.68	12.73
Sta.	147+75	148+00	148+25	148+50	148+75	149+00	149+25	149+50	149+75	150+00
Elev.	12.83	12.86	12.93	12.98	13.08	13.10	13.19	13.31	13.43	13.56

**Legend:**

- |                       |                            |
|-----------------------|----------------------------|
| EP - Edge of Pavement | BkS - Back of Swale        |
| BC - Bottom of Curb   | BS - Bottom of Swale       |
| TC - Top of Curb      | 10.5± - Existing Elevation |
| BW - Bottom of Wall   | 10.52 - Finish Elevation   |
| TW - Top of Wall      |                            |



**CONTRACT CHANGE ORDER NO. 15**

7/18/17	Added Sheet
Date	Revision

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Signature: *Gerald D. Andrade* Date: 04/30/18

SIGNATURE EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SPOT ELEVATION 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

SHEET No. SP-2 OF 10 SHEETS

**"AS-BUILT"**

**C.O. 28S-1**

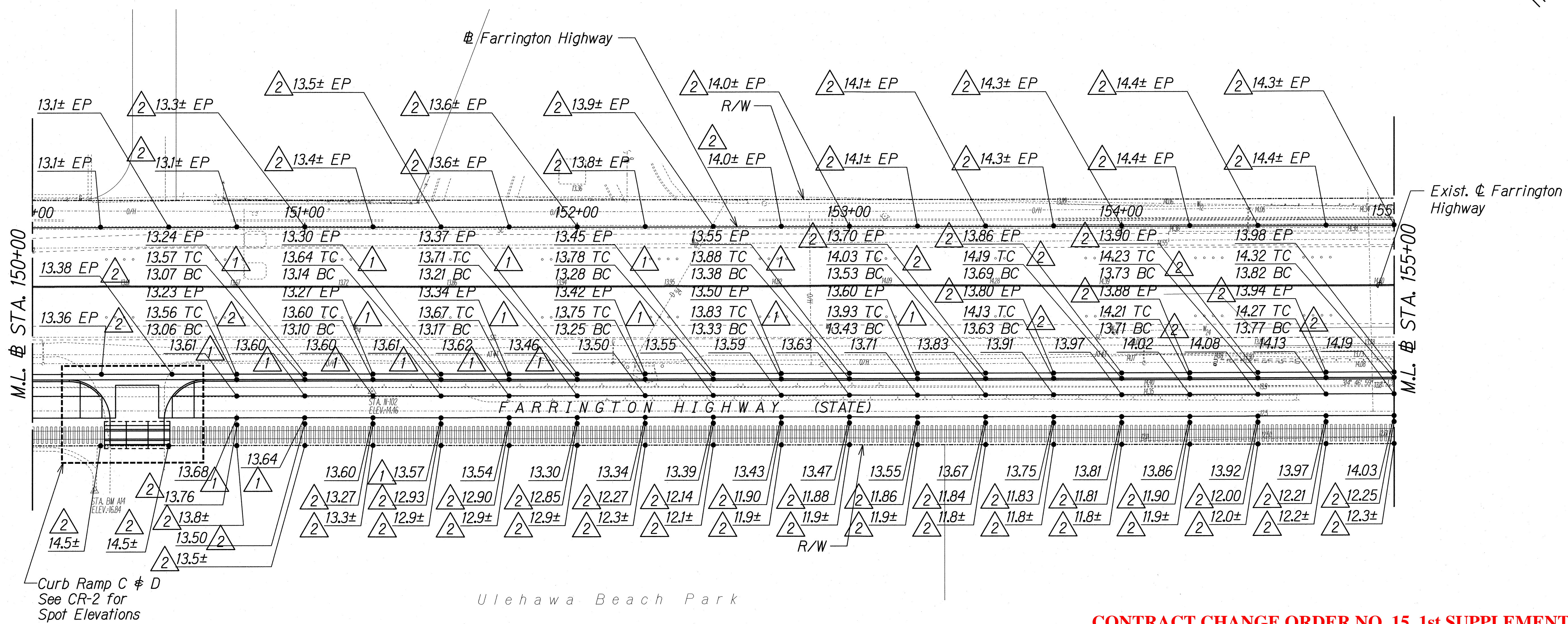
SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
N.	

T:\DOT-FARRINGTON HWY INTERSECTIONS\NANAKULI HALEAKALA\CADD\Sheets\SPOT ELEVATIONS\SP-2.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. 29	230

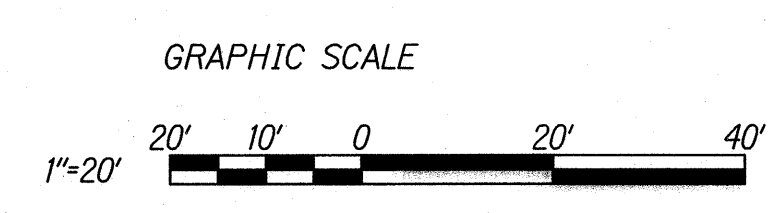
TRUE NORTH  
SCALE: 1" = 20'



CONTRACT CHANGE ORDER NO. 15, 1st SUPPLEMENT

SPOT ELEVATIONS @ ♢ FARRINGTON HIGHWAY											
Sta.	150+25	150+50	150+75	151+00	151+25	151+50	151+75	152+00	152+25	152+50	
Elev.	13.65	13.69	13.73	13.78	13.83	13.88	13.93	13.98	14.04	14.09	△ 2
Sta.	152+75	153+00	153+25	153+50	153+75	154+00	154+25	154+50	154+75	155+00	
Elev.	14.14	14.19	14.24	14.34	14.44	14.50	14.52	14.54	14.58	14.62	△ 2

- Legend:**
- EP - Edge of Pavement
  - BC - Bottom of Curb
  - TC - Top of Curb
  - BW - Bottom of Wall
  - TW - Top of Wall
  - BKS - Back of Swale
  - BS - Bottom of Swale
  - 10.5± - Existing Elevation
  - 10.52 - Finish Elevation



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Signature: *Gerald D. Andrade* Date: 04/30/18

EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SPOT ELEVATION PLAN**  
**STA. 150+00 TO 155+00**

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

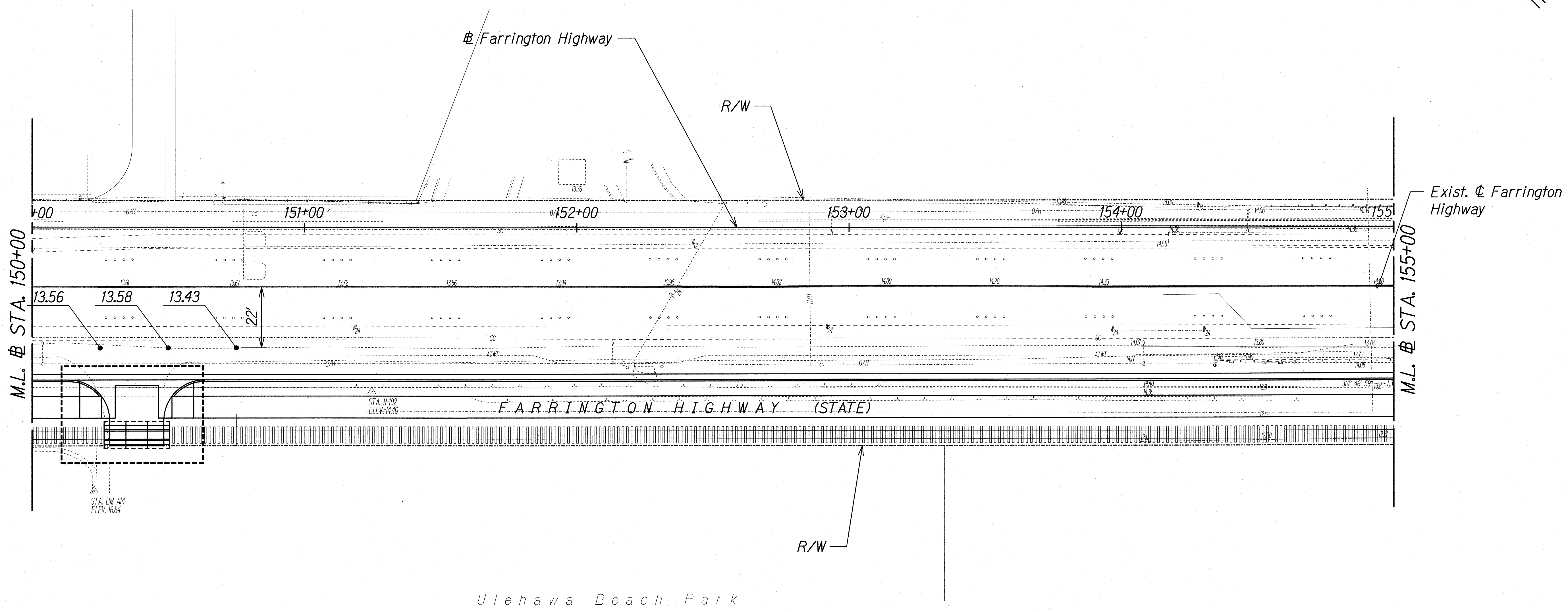
Scale: 1"=20' Date: April 2013

SHEET No. SP-3 OF 10 SHEETS



FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-093-1(22)	2013	C.O.29S-1	230

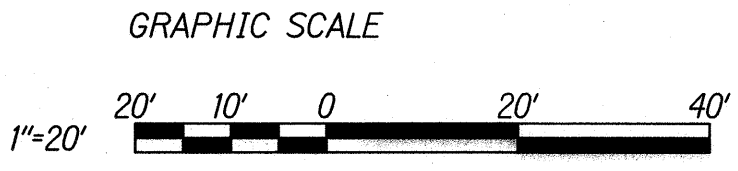
TRUE NORTH  
SCALE: 1" = 20'



SPOT ELEVATIONS @ CL FARRINGTON HIGHWAY										
Sta.	150+25	150+50	150+75	151+00	151+25	151+50	151+75	152+00	152+25	152+50
Elev.	13.65	13.69	13.73	13.78	13.83	13.88	13.93	13.98	14.04	14.09
Sta.	152+75	153+00	153+25	153+50	153+75	154+00	154+25	154+50	154+75	155+00
Elev.	14.14	14.19	14.24	14.34	14.44	14.50	14.52	14.54	14.58	14.62

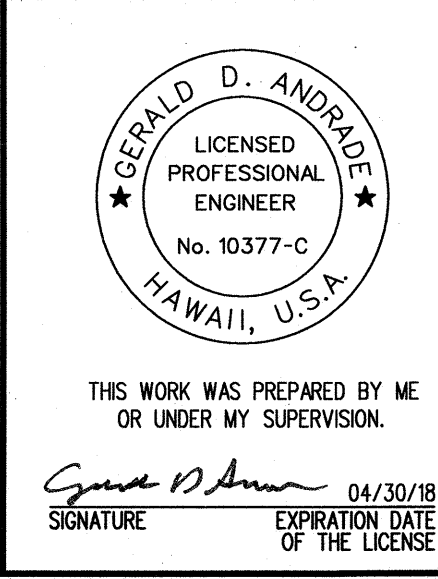
Legend:

- |                       |                            |
|-----------------------|----------------------------|
| EP - Edge of Pavement | BKS - Back of Swale        |
| BC - Bottom of Curb   | BS - Bottom of Swale       |
| TC - Top of Curb      | 10.5± - Existing Elevation |
| BW - Bottom of Wall   | 10.52 - Finish Elevation   |
| TW - Top of Wall      |                            |



CONTRACT CHANGE ORDER NO. 15, 1st SUPPLEMENT

7/18/17	Added Sheet
Date	Revision



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SPOT ELEVATION PLAN**  
**STA. 150+00 TO 155+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

SHEET No. SP-3 OF 10 SHEETS

"AS-BUILT"

C.O. 29S-1

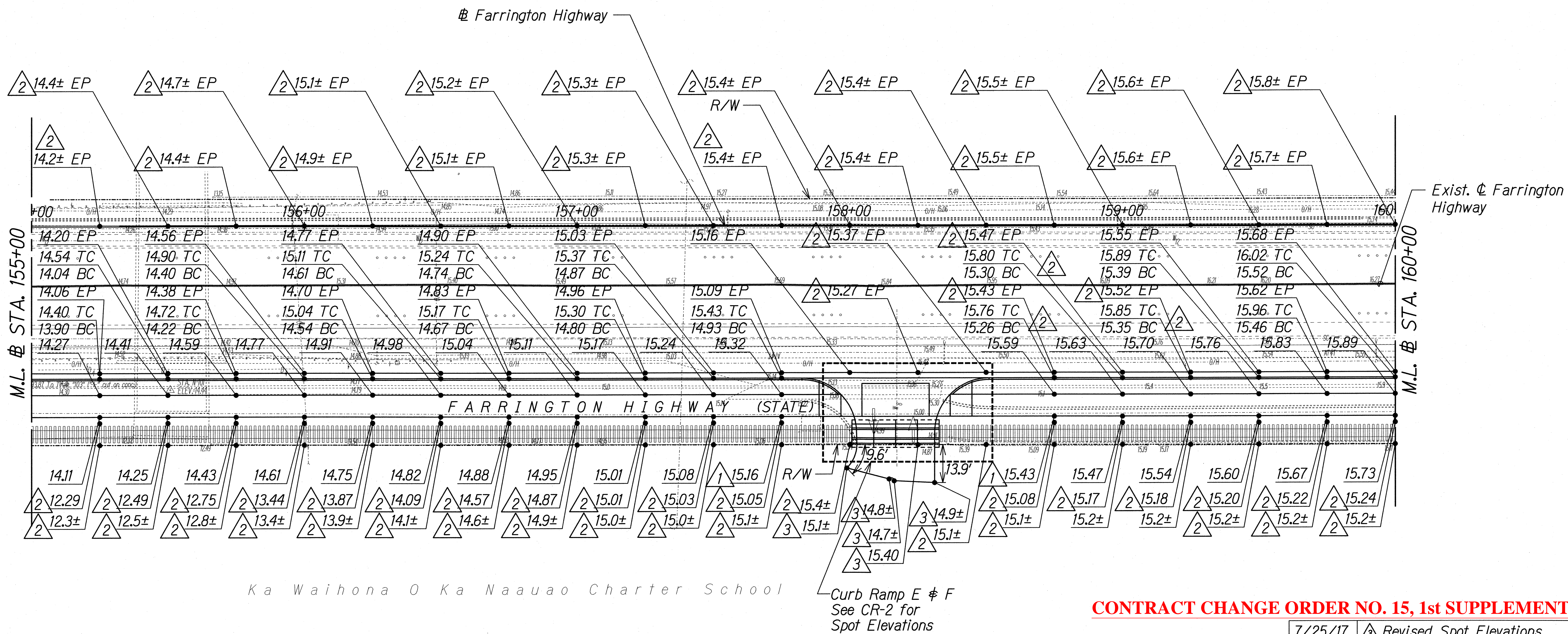
DESIGNED BY	DATE
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

T:\DOT-FARRINGTON HWY INTERSECTIONS\NANAKULI HALEAKALA\CADD\sheet\SPOT ELEVATIONS\SP-3.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. 30	230

TRUE NORTH  
SCALE: 1" = 20'



SPOT ELEVATIONS @ ♢ FARRINGTON HIGHWAY										
Sta.	155+25	155+50	155+75	156+00	156+25	156+50	156+75	157+00	157+25	157+50
Elev.	14.69	14.83	15.01	15.20	15.33	15.40	15.47	15.53	15.60	15.66
Sta.	157+75	158+00	158+25	158+50	158+75	159+00	159+25	159+50	159+75	160+00
Elev.	15.73	15.79	15.91	16.00	16.06	16.11	16.15	16.19	16.25	16.32

2      2      2      2      2

**Legend:**

- |                       |                            |
|-----------------------|----------------------------|
| EP - Edge of Pavement | BKS - Back of Swale        |
| BC - Bottom of Curb   | BS - Bottom of Swale       |
| TC - Top of Curb      | 10.5± - Existing Elevation |
| BW - Bottom of Wall   | 10.52 - Finish Elevation   |
| TW - Top of Wall      |                            |

**CONTRACT CHANGE ORDER NO. 15, 1st SUPPLEMENT**

7/25/17	3 Revised Spot Elevations
7/18/17	2 Revised Spot Elevations
10/5/16	1 Revised Spot Elevations
Date	Revision

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Signature: *Gerald D. Andrade* 04/30/18  
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SPOT ELEVATION PLAN**  
**STA. 155+00 TO 160+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

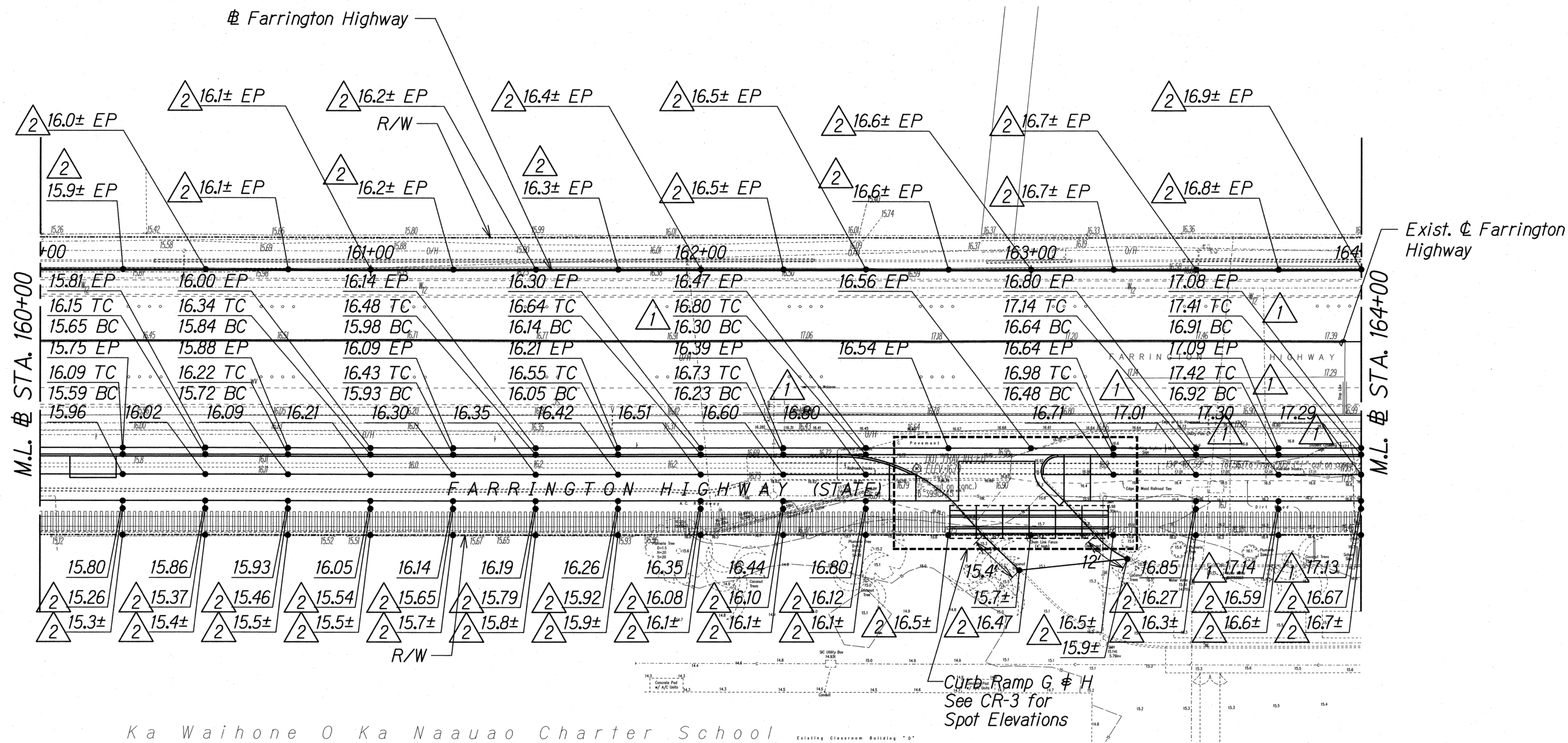
DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
IN CHARGE	
NOTED BY	
QUANTITIES BY	
NO.	

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FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-093-1(22)	2013	C.O. 31	230

TRUE NORTH  
SCALE: 1" = 20'



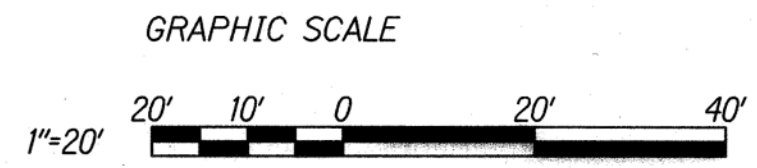
CONTRACT CHANGE ORDER NO. 15, 1st SUPPLEMENT

DATE	
DESIGNED BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
ORIGINAL PLAN	

Legend:

- EP - Edge of Pavement
- BC - Bottom of Curb
- TC - Top of Curb
- BW - Bottom of Wall
- TW - Top of Wall
- BKS - Back of Swale
- BS - Bottom of Swale
- 10.5± - Existing Elevation
- 10.52 - Finish Elevation

SPOT ELEVATIONS @ ♢ FARRINGTON HIGHWAY										
Sta.	160+25	160+50	160+75	161+00	161+25	161+50	161+75	162+00	162+25	162+50
Elev.	16.38	16.45	16.52	16.63	16.73	16.77	16.84	16.93	17.02	17.12
Sta.	162+75	163+00	163+25	163+50	163+75	164+00				
Elev.	17.18	17.19	17.28	17.43	17.73	17.72				



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Signature: *Gerald D. Andros* Date: 04/30/18

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SPOT ELEVATION PLAN**  
**STA. 160+00 TO 164+00**

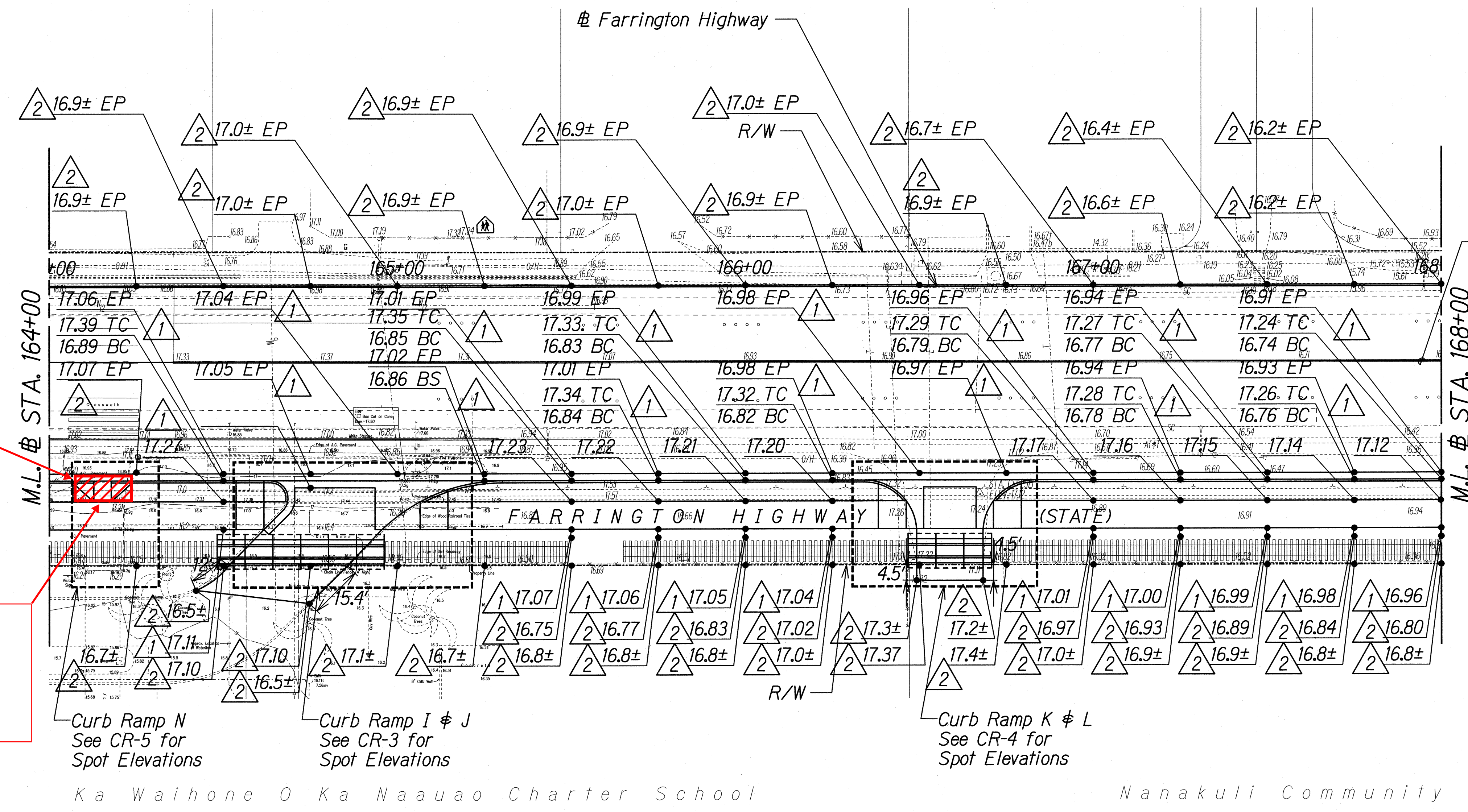
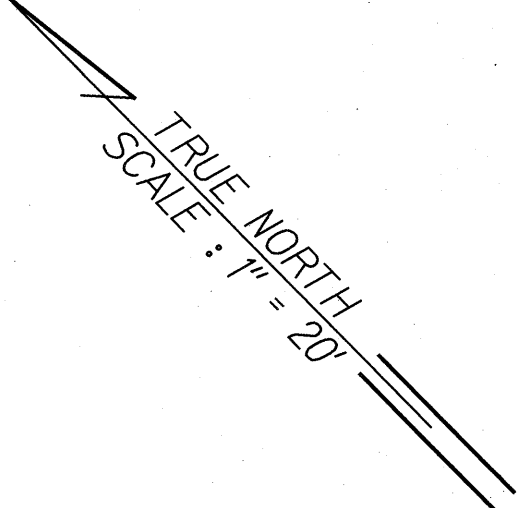
FARRINGTON HIGHWAY INTERSECTION IMPROVEMENTS  
AT NANAKULI AVENUE AND HALEAKALA AVENUE  
Federal Aid Project No. STP-093-1(22)

Scale: 1"=20' Date: April 2013

SHEET No. SP-5 OF 10 SHEETS



FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-093-1(22)	2013	C.O. 32	230

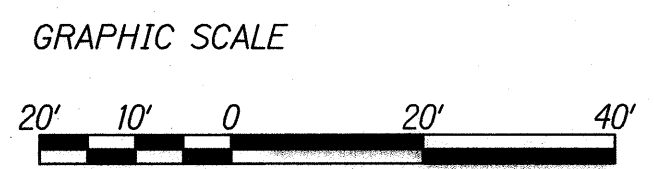


- Sawcut and Remove Exist. Curb and Gutter and Curb Ramp
- Replace Curb and Gutter with Type 2DG per Standard Details
- Restore Curb Ramp Area with Top Soil and Grass
- Sawcut Along Back of Curb Ramp
- Finish Sawcut Edge on Adjacent Exist. Shared Path to Remain with 1/4" Radius

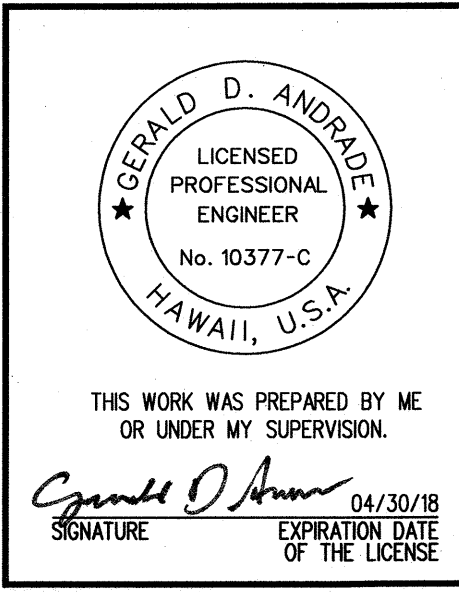
SPOT ELEVATIONS @ FARRINGTON HIGHWAY										
Sta.	164+25	164+50	164+75	165+00	165+25	165+50	165+75	166+00	166+25	166+50
Elev.	17.71	17.70	17.69	17.68	17.60	17.46	17.36	17.28	17.24	17.20
Sta.	166+75	167+00	167+25	167+50	167+75	168+00				
Elev.	17.16	17.12	17.07	17.02	16.93	16.84				

Legend:

- EP - Edge of Pavement
- BC - Bottom of Curb
- TC - Top of Curb
- BW - Bottom of Wall
- TW - Top of Wall
- BkS - Back of Swale
- BS - Bottom of Swale
- 10.5± - Existing Elevation
- 10.52 - Finish Elevation



CONTRACT CHANGE ORDER NO. 33



7/25/17	2 Revised Spot Elevations
10/5/16	1 Revised Spot Elevations
Date	Revision

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SPOT ELEVATION PLAN**  
**STA. 164+00 TO 168+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

SHEET No. SP-6 OF 10 SHEETS

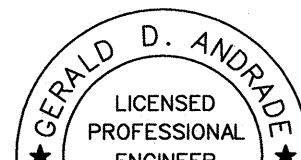
"AS-BUILT"

C.O. 32



TRUE NORTH  
SCALE : 1" = 20'



 <p>GERALD D. ANDRADE LICENSED PROFESSIONAL ENGINEER No. 10377-C HAWAII, U.S.A.</p>	<p>STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION</p> <p><u><b>SPOT ELEVATION PLAN</b></u> <u><b>STA. 168+00 TO 173+00</b></u></p> <p><u><b>FARRINGTON HIGHWAY INTERSECTION IMPROVEMENTS</b></u> <u><b>AT NANAKULI AVENUE AND HALEAKALA AVENUE</b></u> <u><b>Federal-Aid Project No. STP-093-1(22)</b></u></p>
<p>THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.</p> <p><i>Gerald D. Andrade</i> 04/30/18 SIGNATURE EXPIRATION DATE OF THE LICENSE</p>	<p><b>Scale: 1"=20'</b> <b>Date: April 2013</b></p> <p>SHEET No. <i>SP-7</i> OF <i>10</i> SHEETS</p>

GRAPHIC SCALE

20' 10' 0 20' 40'

1"=20'

A horizontal graphic scale bar with alternating black and white segments. The segments are labeled from left to right: 20', 10', 0, 20', 40'. Below the bar, the text '1"=20\'' is written.

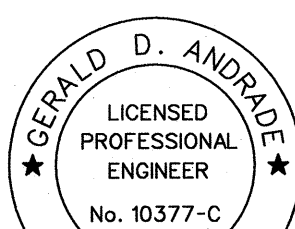
<i>EP</i>	- <i>Edge of Pavement</i>	<i>BkS</i>	- <i>Back of Swale</i>
<i>BC</i>	- <i>Bottom of Curb</i>	<i>BS</i>	- <i>Bottom of Swale</i>
<i>TC</i>	- <i>Top of Curb</i>	<i>10.5±</i>	- <i>Existing Elevation</i>
<i>BW</i>	- <i>Bottom of Wall</i>	<i>10.52</i>	- <i>Finish Elevation</i>
<i>TW</i>	- <i>Top of Wall</i>		

**C.O. 33**



TRUE NORTH  
SCALE: 1" = 20'

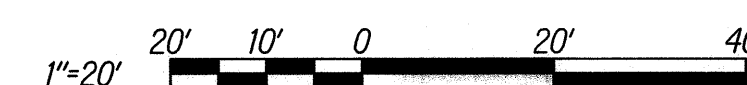


 <p>GERALD D. ANDRADE LICENSED PROFESSIONAL ENGINEER No. 10377-C HAWAII, U.S.A.</p>	<p>STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION</p> <p><b><u>SPOT ELEVATION PLAN</u></b> <b><u>STA. 168+00 TO 173+00</u></b></p> <p><b><u>FARRINGTON HIGHWAY INTERSECTION IMPROVEMENTS</u></b> <b><u>AT NANAKULI AVENUE AND HALEAKALA AVENUE</u></b> <b><u>Federal-Aid Project No. STP-093-1(22)</u></b></p>
<p>THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.</p> <p><i>Gerald D. Andrade</i> 04/30/18 SIGNATURE EXPIRATION DATE OF THE LICENSE</p>	<p>Scale: 1"=20'      Date: April 2013</p> <p>SHEET No. SP-7A OF 10 SHEETS</p>

**C.O.33S-1**

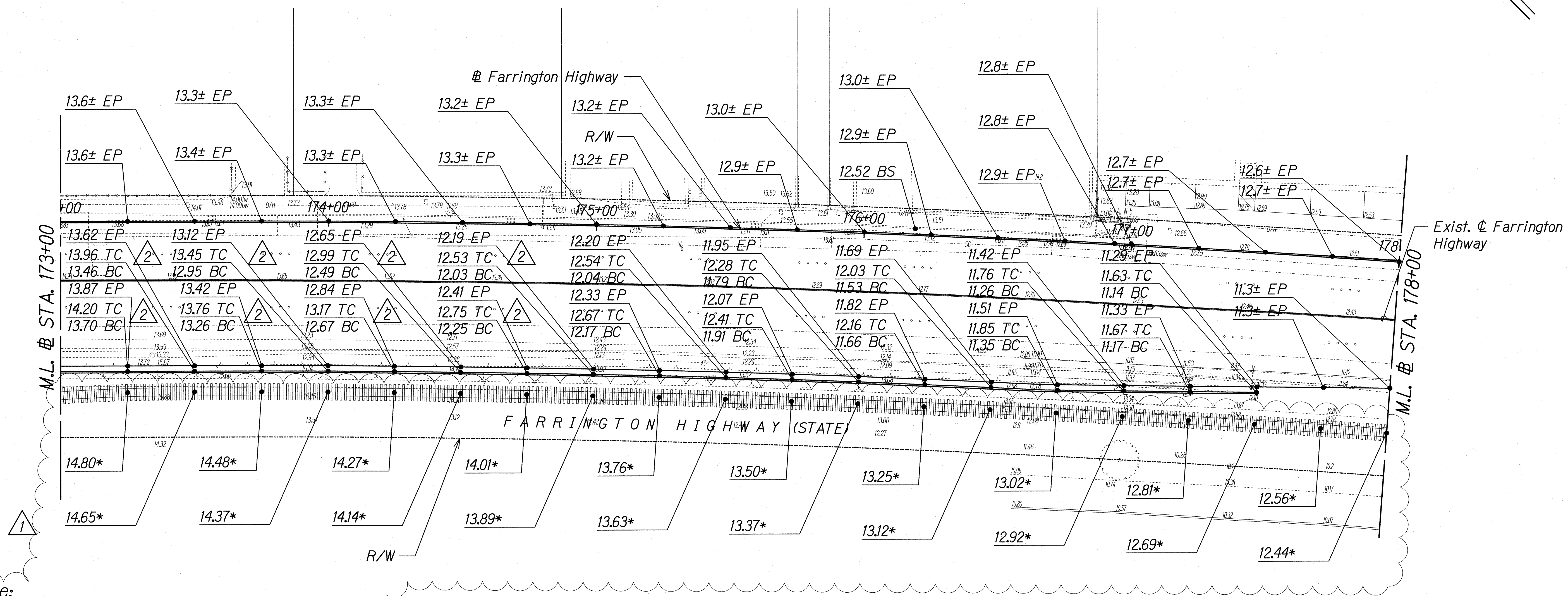
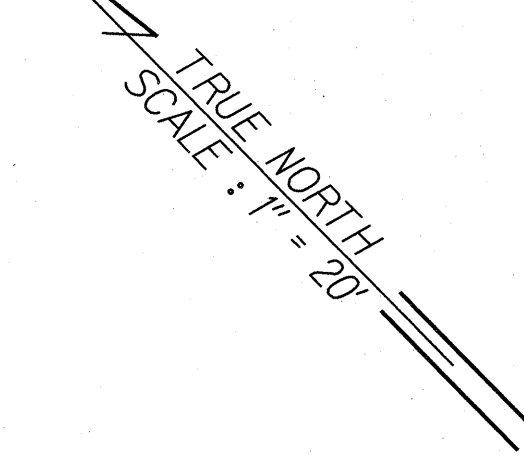
GRAPHIC SCALE

GRAPHIC SCALE



<i>EP</i>	-	<i>Edge of Pavement</i>	<i>BkS</i>	-	<i>Back of Swale</i>
<i>BC</i>	-	<i>Bottom of Curb</i>	<i>BS</i>	-	<i>Bottom of Swale</i>
<i>TC</i>	-	<i>Top of Curb</i>	<i>10.5±</i>	-	<i>Existing Elevation</i>
<i>BW</i>	-	<i>Bottom of Wall</i>	<i>10.52</i>	-	<i>Finish Elevation</i>
<i>TW</i>	-	<i>Top of Wall</i>			





**\*Note:**  
Spot Elevations of Railroad Top of Rail Profile @ C Railroad

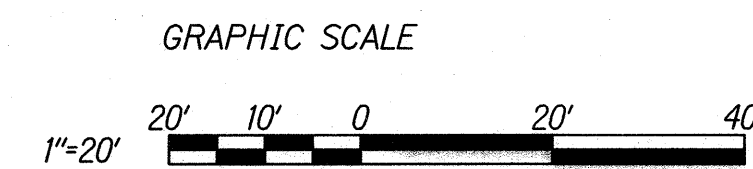
Nanakuli Community Park

**CONTRACT CHANGE ORDER NO. 15, 1st SUPPLEMENT**

SPOT ELEVATIONS @ C FARRINGTON HIGHWAY										
Sta.	173+25	173+50	173+75	174+00	174+25	174+50	174+75	175+00	175+25	175+50
Elev.	14.16	13.97	13.83	13.72	13.60	13.52	13.45	13.35	13.24	13.16
Sta.	175+75	176+00	176+25	176+50	176+75	177+00	177+25	177+50	177+75	178+00
Elev.	13.11	13.04	12.98	12.91	12.80	12.71	12.65	12.61	12.60	12.60

**Legend:**

EP - Edge of Pavement    BKS - Back of Swale  
 BC - Bottom of Curb    BS - Bottom of Swale  
 TC - Top of Curb    10.5± - Existing Elevation  
 BW - Bottom of Wall    10.52 - Finish Elevation  
 TW - Top of Wall



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.  
 Signature: *Gerald D. Andriod*  
 Date: 04/30/13  
 EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

**SPOT ELEVATION PLAN**  
**STA. 173+00 TO 178+00**

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

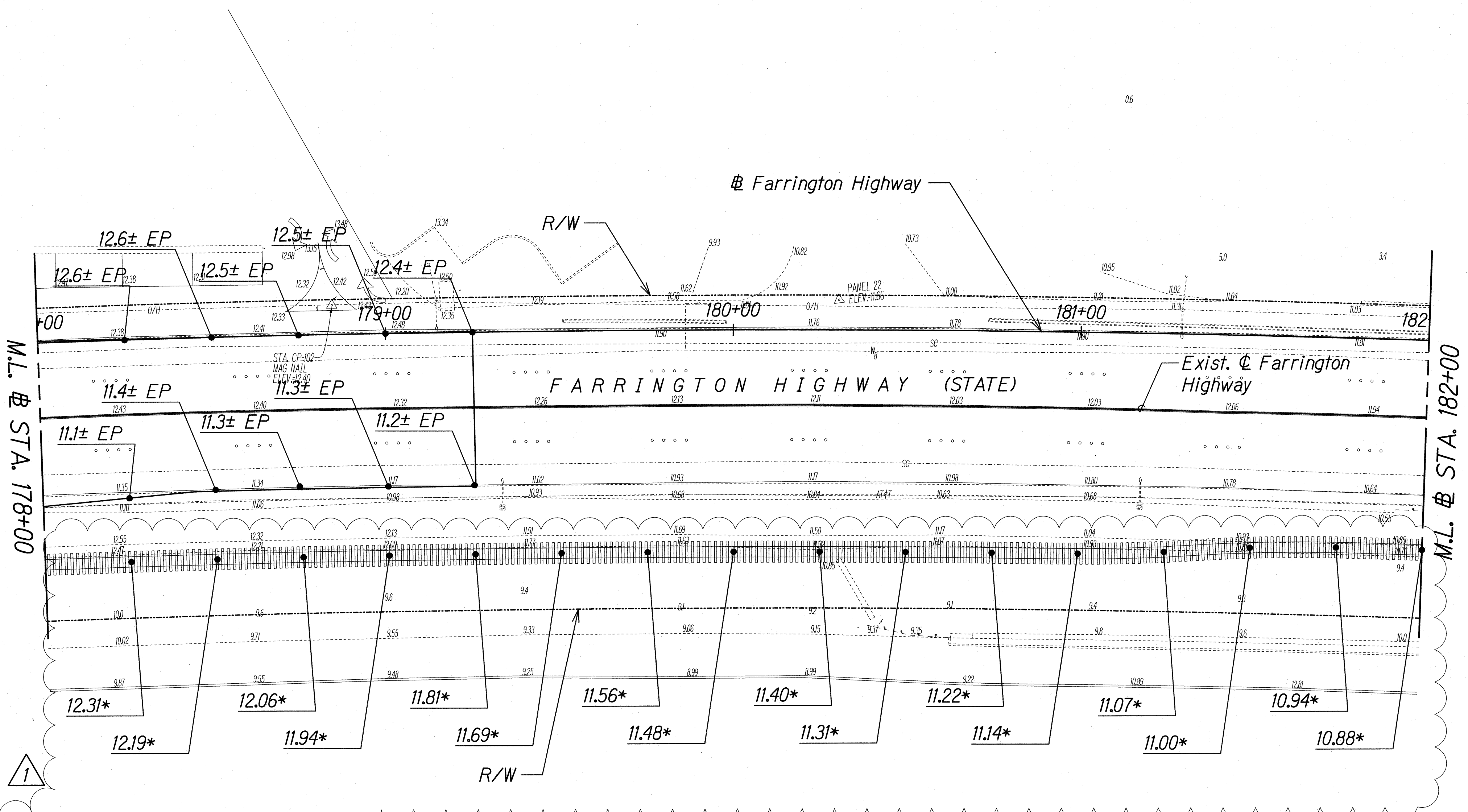
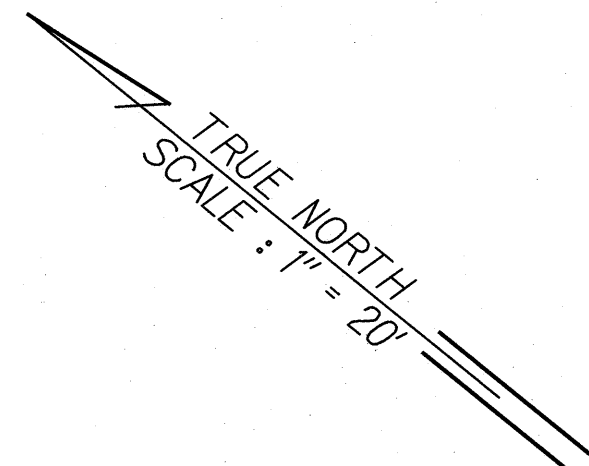
Scale: 1"=20'      Date: April 2013

SHEET No. SP-8 OF 10 SHEETS

T-1/DOOT-FARRINGTON HWY INTERSECTIONS NANAKULI HALEAKALA/CADD/Sheets/SPOT ELEVATIONS/SP-8.dgn  
 SURVEY PLOTTED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 DRAWN BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 NOTE BOOK DESIGNED BY: \_\_\_\_\_  
 QUANTITIES BY: \_\_\_\_\_  
 No. \_\_\_\_\_



FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-093-1(22)	2013	C.O. 35	230

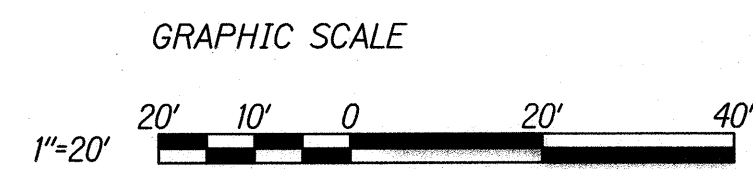


CONTRACT CHANGE ORDER NO. 15, 1st SUPPLEMENT

SPOT ELEVATIONS @ C FARRINGTON HIGHWAY									
Sta.	178+25	178+50	178+75	179+00	179+25				
Elev.	12.59	12.57	12.55	12.50	12.44				
Sta.									
Elev.									

**\*Note:**  
Spot Elevations of Railroad Top of Rail Profile @ C Railroad

- Legend:**
- EP - Edge of Pavement
  - BC - Bottom of Curb
  - TC - Top of Curb
  - BW - Bottom of Wall
  - TW - Top of Wall
  - BKS - Back of Swale
  - BS - Bottom of Swale
  - 10.5± - Existing Elevation
  - 10.52 - Finish Elevation



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.  
Signature: *Gerald D. Andrade*  
Date: 04/30/18  
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SPOT ELEVATION PLAN**  
**STA. 178+00 TO 182+00**

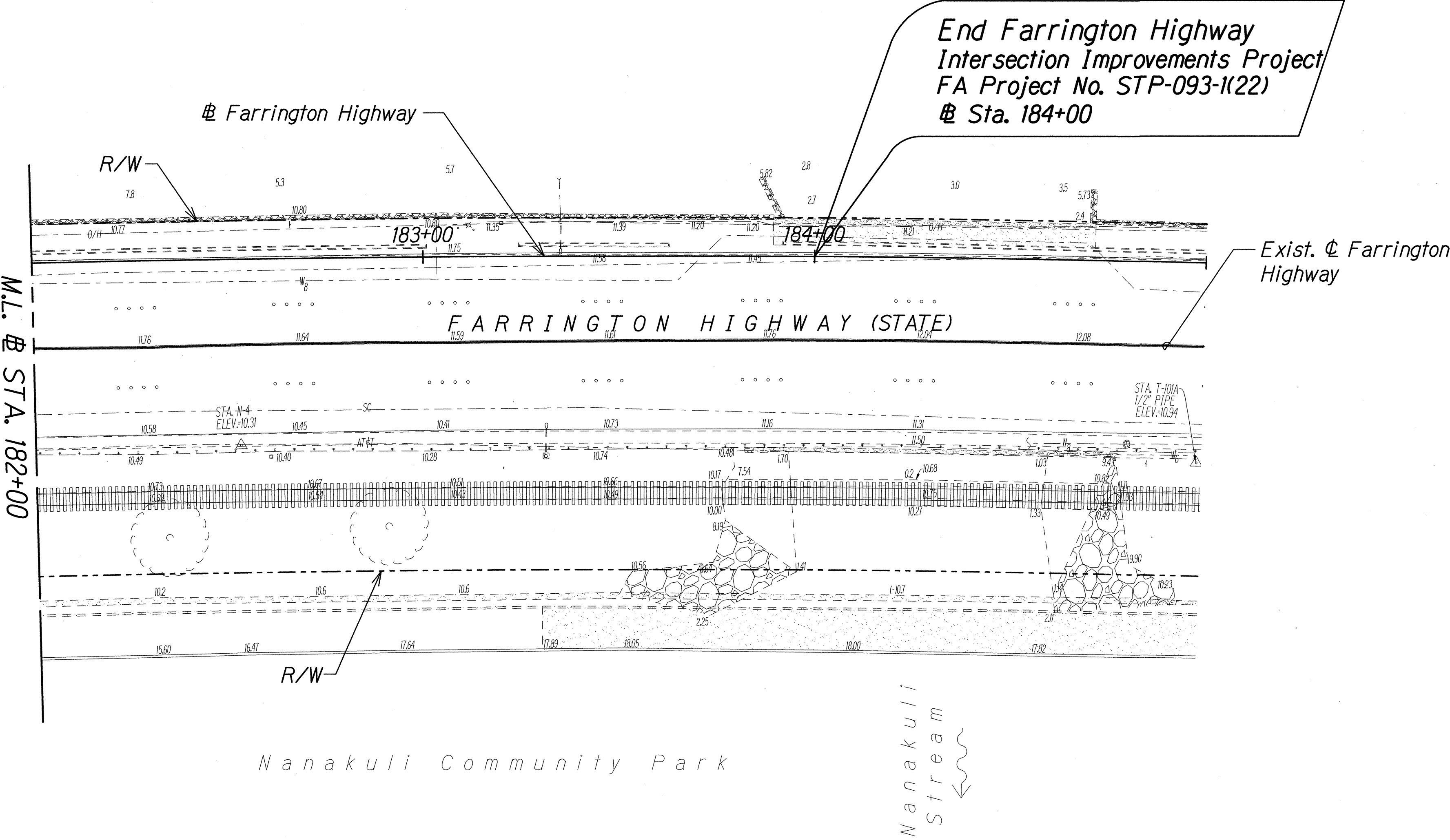
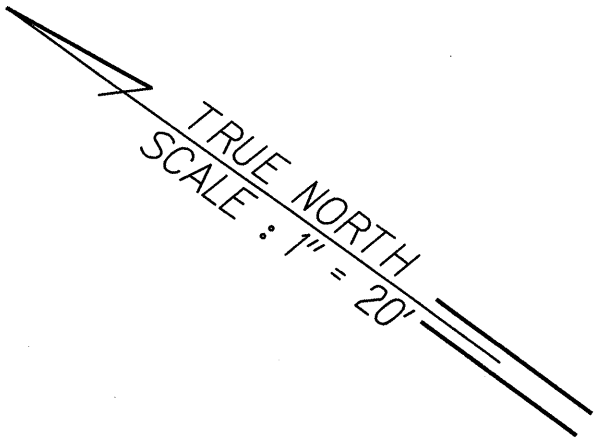
FARRINGTON HIGHWAY INTERSECTION IMPROVEMENTS  
AT NANAKULI AVENUE AND HALEAKALA AVENUE  
Federal-Aid Project No. STP-093-1(22)

Scale: 1"=20'      Date: April 2013

SHEET No. SP-9 OF 10 SHEETS

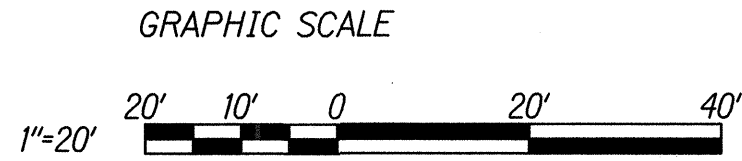


FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-093-1(22)	2013	36	230



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

T:\DOT-FARRINGTON HWY INTERSECTIONS NANAKULI HALEAKALA\CADD\Sheets\SPOT ELEVATIONS\SP-10.dgn



THIS WORK WAS PREPARED BY ME  
OR UNDER MY SUPERVISION.

*Gerald D. Andrie*  
SIGNATURE

04/30/14  
EXPIRATION DATE  
OF THE LICENSE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SPOT ELEVATION PLAN**  
**STA. 182+00 TO STA. 185+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

SHEET No. SP-10 OF 10 SHEETS