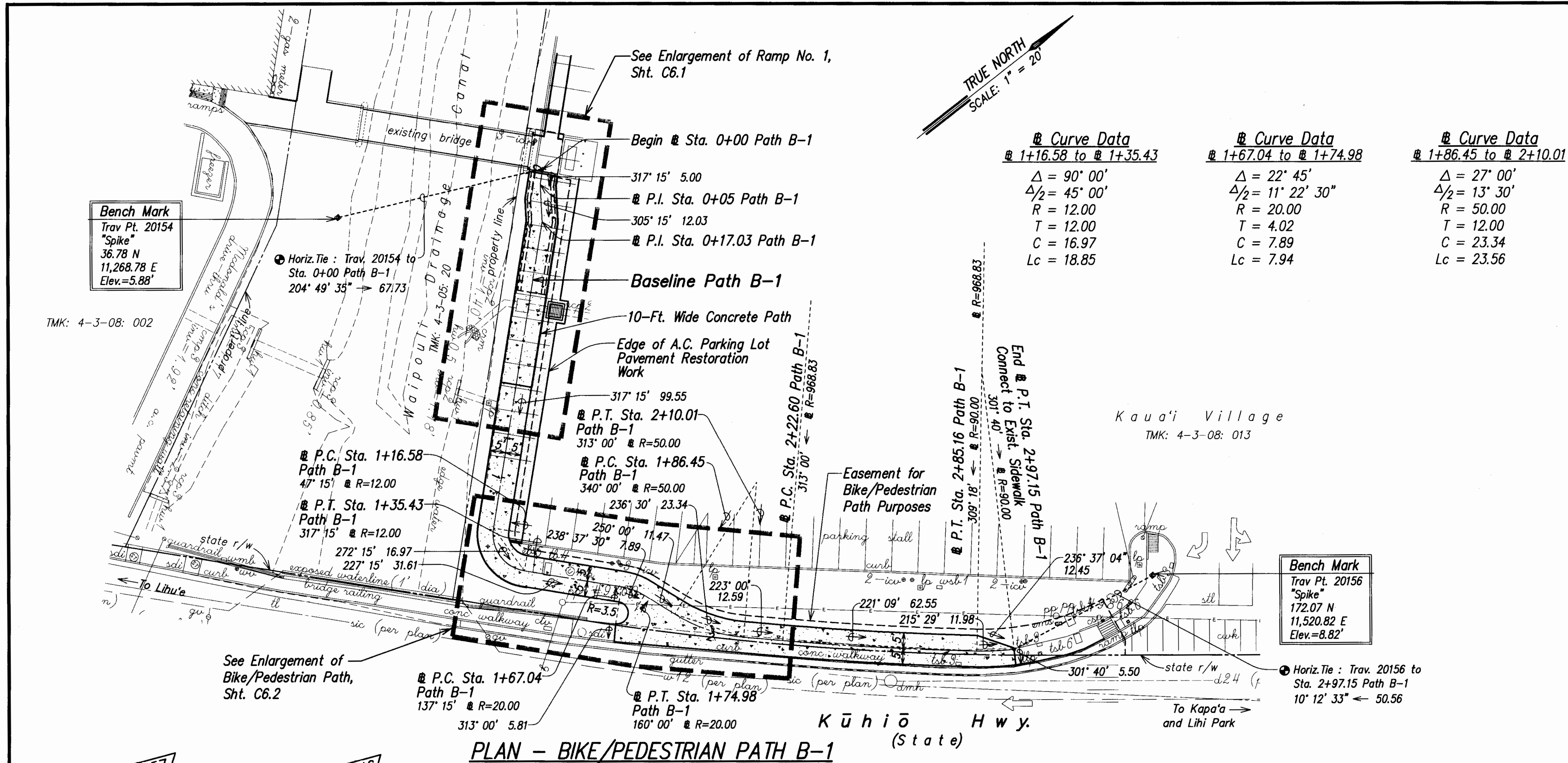
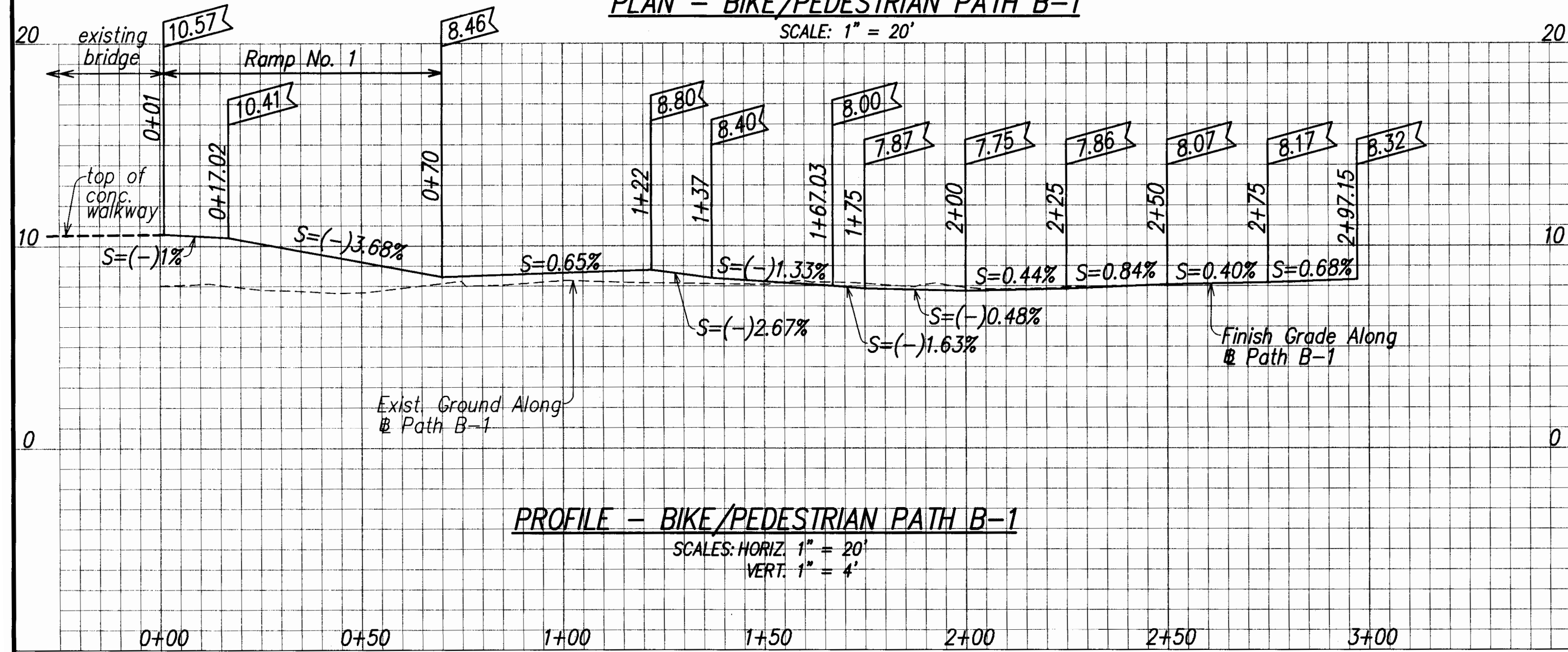


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0700(61)	2011	36	143



NOTE:
Raise all existing utility manholes and boxes located within the new bike path or roadway to new finish grade elevations. This work will not be paid for separately but shall be considered incidental to the construction of the new bike path or roadway respectively.

- BENCH MARK NOTES:**
- Origin of azimuth and coordinates referred to Government Survey Triangulation Station "NONOU".
 - Bench Mark: FEMA RM82 - square cut on concrete walkway (bridge), south end, downstream side of Waikaea Stream. Elevation = 11.07 MSL



APPROVED:

[Signature] 12/19/11
KAWA'I ISLAND UTILITY COOPERATIVE DATE

[Signature] 12/8/11
HAWAIIAN TELCOM DATE

[Signature] 12/12/11
OCEANIC TIME WARNER CABLE DATE

[Signature] 12/7/11
SANDWICH ISLES COMMUNICATIONS, INC. DATE

RUSSELL M. ARAKAKI
LICENSED PROFESSIONAL ENGINEER
No. 8297-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

[Signature] 4-30-12
SIGNATURE EXPIRATION DATE OF THE LICENSE

COUNTY OF KAUAI
DEPARTMENT OF PUBLIC WORKS

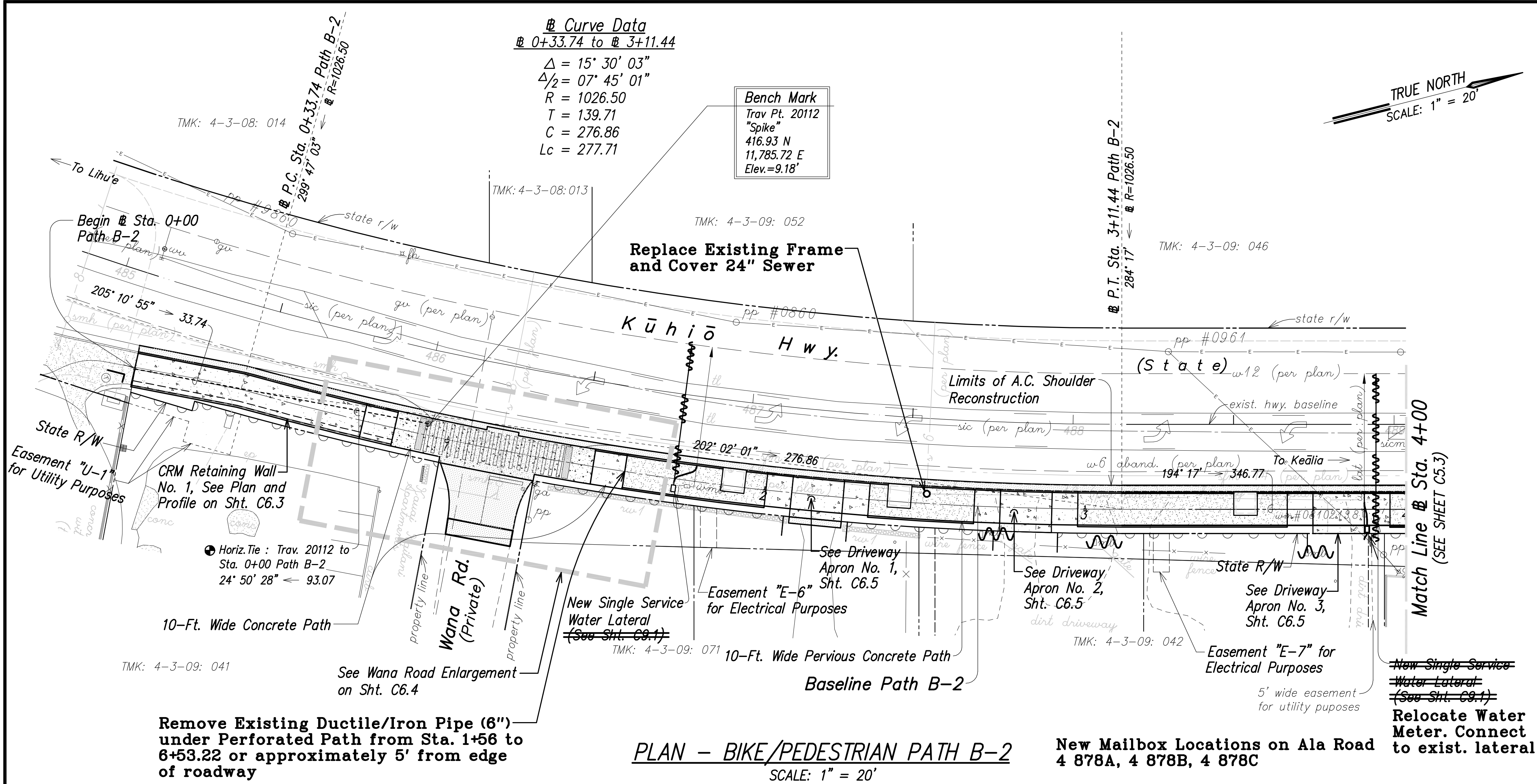
LYDGATE PARK TO KAPA'A BIKE/PEDESTRIAN PATH PHASE B
KAPA'A, KAUAI, HAWAII

**PLAN AND PROFILE - PATH B-1
STA. 0+00 TO END**

FEDERAL-AID PROJECT NO. STP-0700(61)
DATE: NOVEMBER 2011

DRAWN BY: NGA	F.B.	C.B.	SHEET
TRACED BY: RMA			C5.1
CHECKED BY:			OF SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0700(61)	2011	37	143

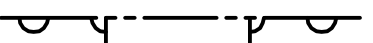


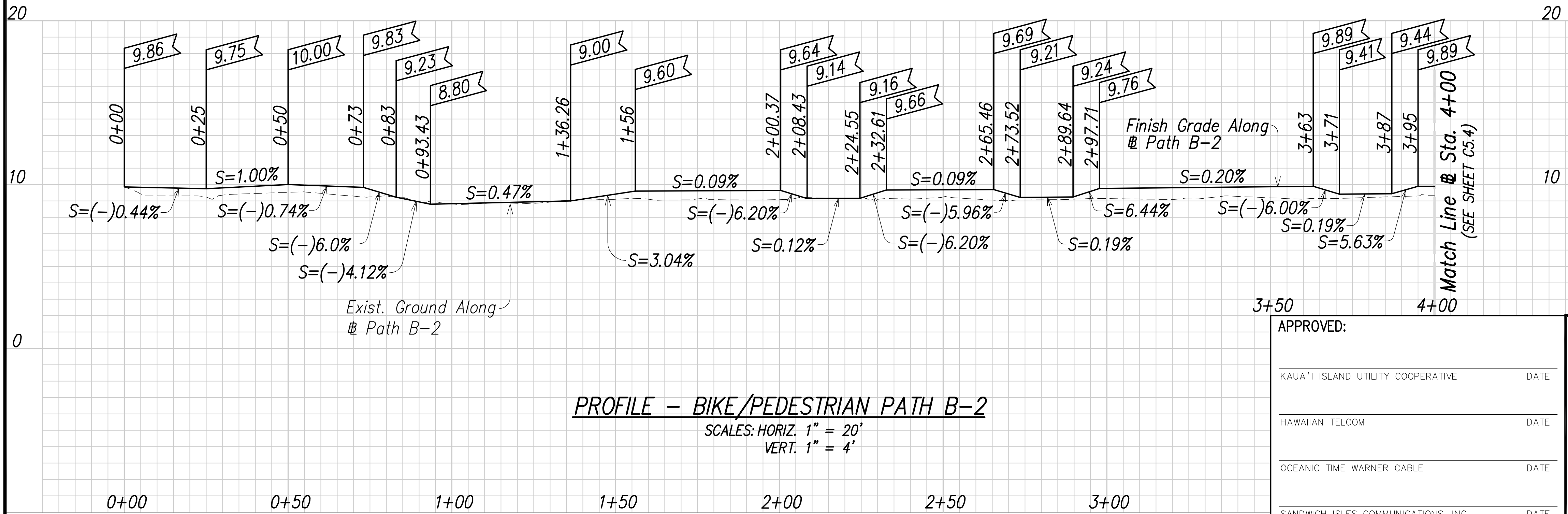
LIMITS OF PERVIOUS CONCRETE PAVEMENT ALONG PATH B-2	
BEGIN	END
@ Sta. 1+14.25	@ Sta. 2+0.37
@ Sta. 2+32.61	@ Sta. 2+65.46
@ Sta. 2+97.71	@ Sta. 3+63
@ Sta. 3+95	@ Sta. 6+50

NOTE:

Raise all existing utility manholes and boxes located within the new bike path or roadway to new finish grade elevations. This work will not be paid for separately but shall be considered incidental to the construction of the new bike path or roadway respectively.

NOTES:

- Origin of azimuth and coordinates referred to Government Survey Triangulation Station "NONOU".
- Bench Mark: FEMA RM82 - square cut on concrete walkway (bridge), south end, downstream side of Waikaea Stream. Elevation = 11.07 MSL
-  Denotes no vehicular access permitted
-  Denotes vehicular access permitted



LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
	Text for as-built posting

APPROVED:	
KAUA'I ISLAND UTILITY COOPERATIVE	DATE
HAWAIIAN TELCOM	DATE
OCEANIC TIME WARNER CABLE	DATE
SANDWICH ISLES COMMUNICATIONS, INC.	DATE



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

SIGNATURE: Russell M. Araki
EXPIRATION DATE OF THE LICENSE: 4-30-14

COUNTY OF KAUAI DEPARTMENT OF PUBLIC WORKS	
LYDGATE PARK TO KAPA'A BIKE/PEDESTRIAN PATH PHASE B KAPA'A, KAUAI, HAWAII	
PLAN AND PROFILE - PATH B-2 STA. 0+00 TO 4+00 FEDERAL-AID PROJECT NO. STP-0700(61) DATE: NOVEMBER 2011	
DRAWN BY: NGA	F.B. C.B. SHEET
TRACED BY: RMA	C5.2
CHECKED BY:	OF SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0700(61)	2011	C.O. 39	143

LEGEND FOR
AS-BUILT POSTINGS

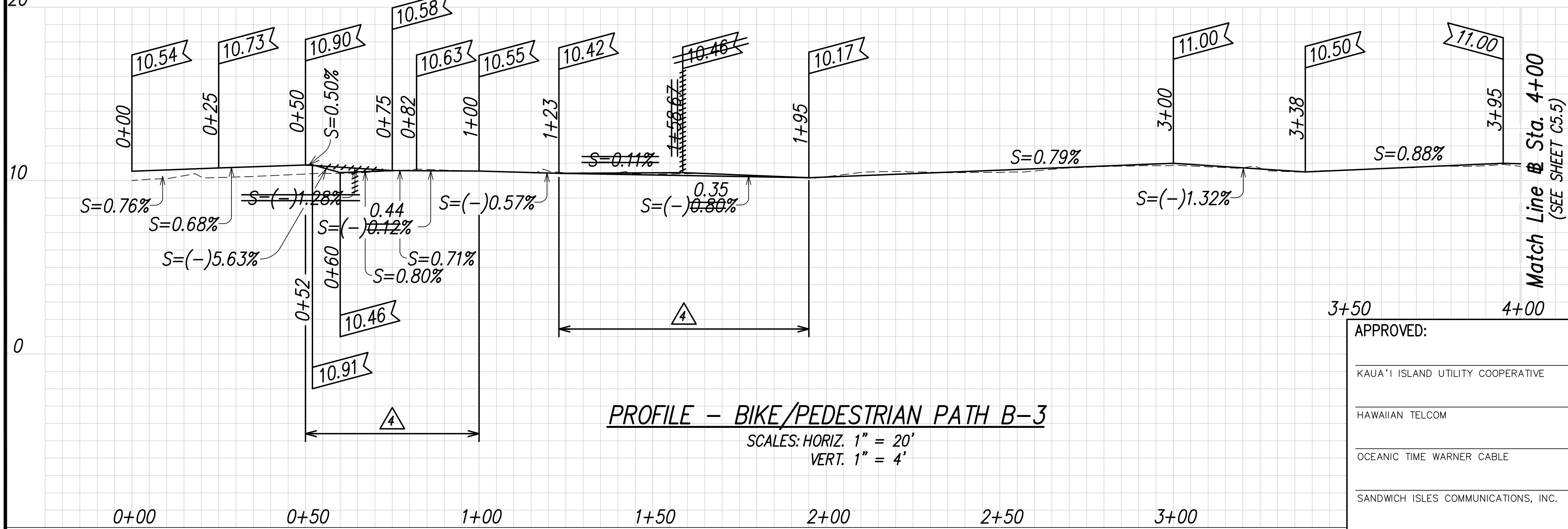
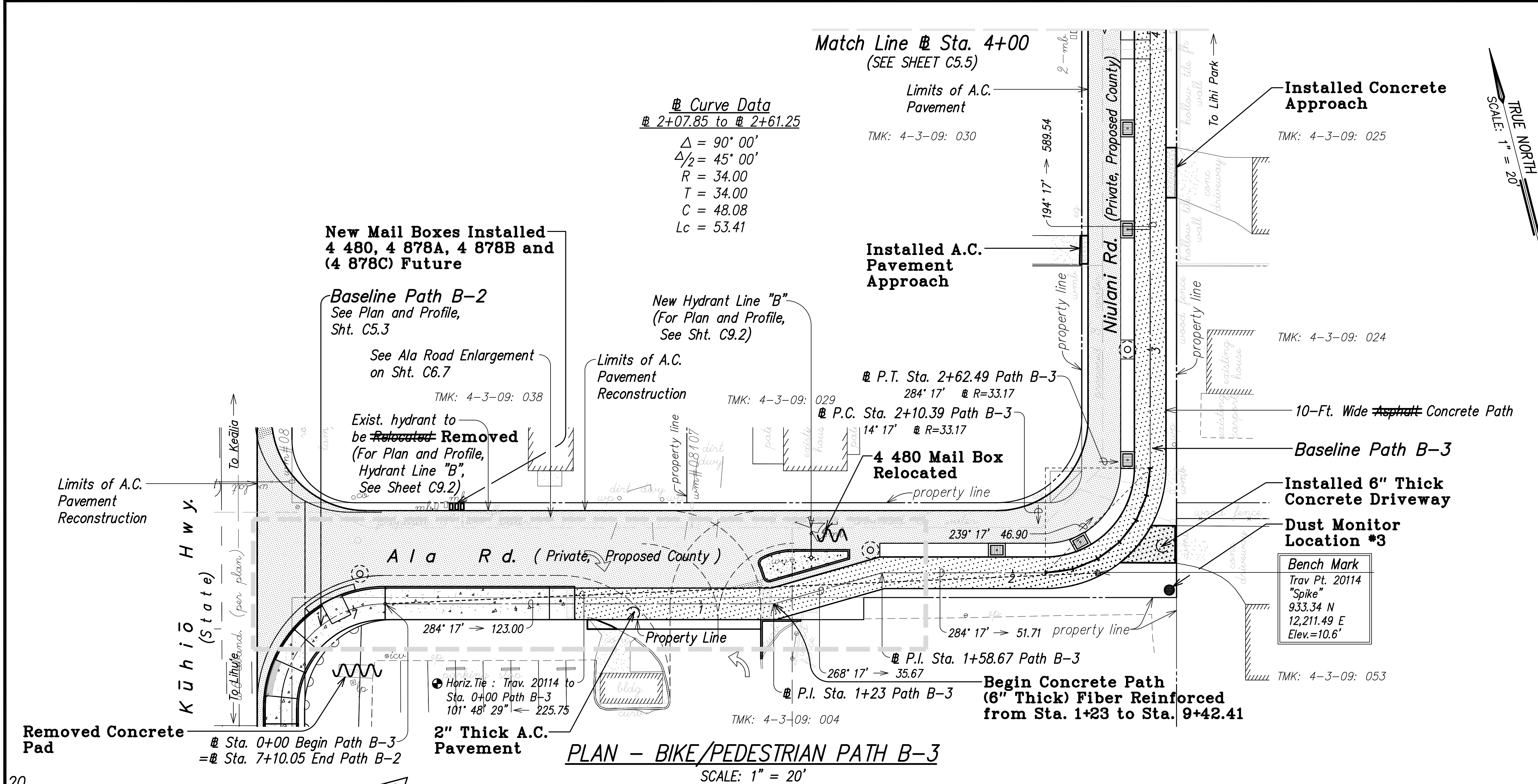
Squiggly line for as-built deletion

Double line for as-built deletion

Roadway Text for as-built posting

- NOTES:
- Raise all existing utility manholes and boxes located within the new bike path or roadway to new finish grade elevations. This work will not be paid for separately but shall be considered incidental to the construction of the new bike path or roadway respectively.
 - Raise or adjust all existing water valve boxes, water meter boxes and piping, ARV's and hydrants located within the new bike path, roadway, or shoulder area to new finish grade elevations, as applicable. This work will not be paid for separately but shall be considered incidental to the construction of the new bike path or roadway respectively. Location of existing water facilities are approximate only.

- BENCH MARK NOTES:
- Origin of azimuth and coordinates referred to Government Survey Triangulation Station "NONOU".
 - Bench Mark: FEMA RM82 - square cut on concrete walkway (bridge), south end, downstream side of Waikaea Stream. Elevation = 11.07 MSL.



APPROVED:	
KAUAI ISLAND UTILITY COOPERATIVE	DATE
HAWAIIAN TELCOM	DATE
OCEANIC TIME WARNER CABLE	DATE
SANDWICH ISLES COMMUNICATIONS, INC.	DATE
COUNTY ENGINEER (FOR WORK WITHIN COUNTY RIGHT OF WAY)	DATE

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Signature: Russell M. Araki

Expiration Date: 12-30-14

DATE	REVISION
2/26/13	4 Revised Grades
COUNTY OF KAUAI DEPARTMENT OF PUBLIC WORKS LYDGATE PARK TO KAPA'A BIKE/ PEDESTRIAN PATH PHASE B KAPA'A, KAUAI, HAWAII PLAN AND PROFILE - PATH B-3 STA. 0+00 TO 4+00 FEDERAL-AID PROJECT NO. STP-0700(61) DATE: NOVEMBER 2011	
DRAWN BY: NGA	F.B. C.B. SHEET
TRACED BY: RMA	C5.4 OF SHEETS

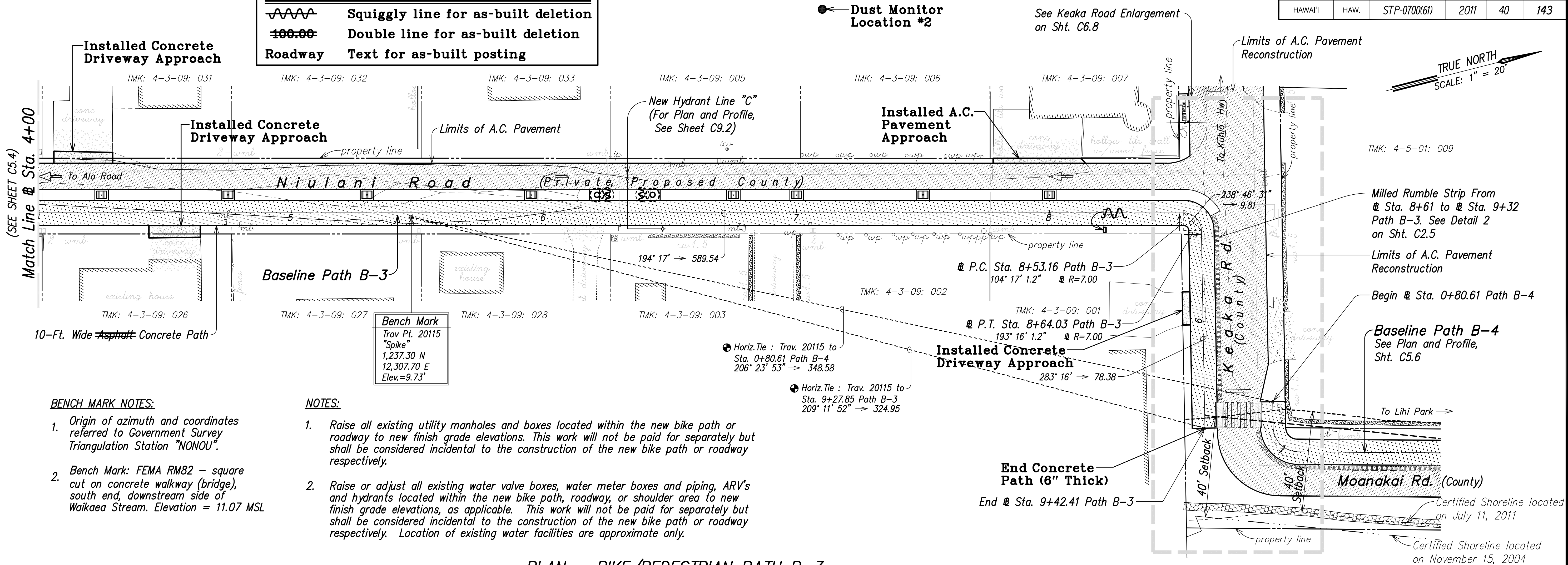
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0700(61)	2011	40	143

LEGEND FOR AS-BUILT POSTINGS

Squiggly line for as-built deletion

Double line for as-built deletion

Text for as-built posting



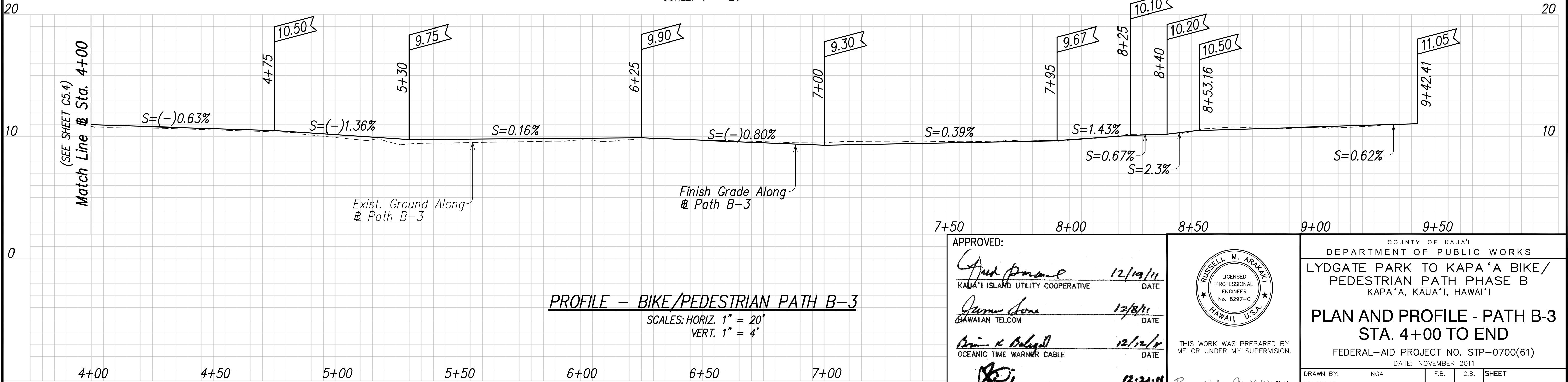
BENCH MARK NOTES:

- Origin of azimuth and coordinates referred to Government Survey Triangulation Station "NONOU".
- Bench Mark: FEMA RM82 - square cut on concrete walkway (bridge), south end, downstream side of Waikaea Stream. Elevation = 11.07 MSL

NOTES:

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PLAN - BIKE/PEDESTRIAN PATH B-3
SCALE: 1" = 20'



PROFILE - BIKE/PEDESTRIAN PATH B-3
SCALES: HORIZ. 1" = 20'
VERT. 1" = 4'

APPROVED:

12/19/11
KAUAI ISLAND UTILITY COOPERATIVE
DATE

12/18/11
HAWAIIAN TELCOM
DATE

12/12/11
OCEANIC TIME WARNER CABLE
DATE

12-21-11
COUNTY ENGINEER
(FOR WORK WITHIN COUNTY RIGHT OF WAY)
DATE

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Russell M. Araki 4-30-14
SIGNATURE EXPIRATION DATE OF THE LICENSE

COUNTY OF KAUAI
DEPARTMENT OF PUBLIC WORKS

LYDGATE PARK TO KAPA'A BIKE/
PEDESTRIAN PATH PHASE B
KAPA'A, KAUAI, HAWAII

PLAN AND PROFILE - PATH B-3
STA. 4+00 TO END

FEDERAL-AID PROJECT NO. STP-0700(61)
DATE: NOVEMBER 2011

DRAWN BY: NGA

TRACED BY: RMA

CHECKED BY:

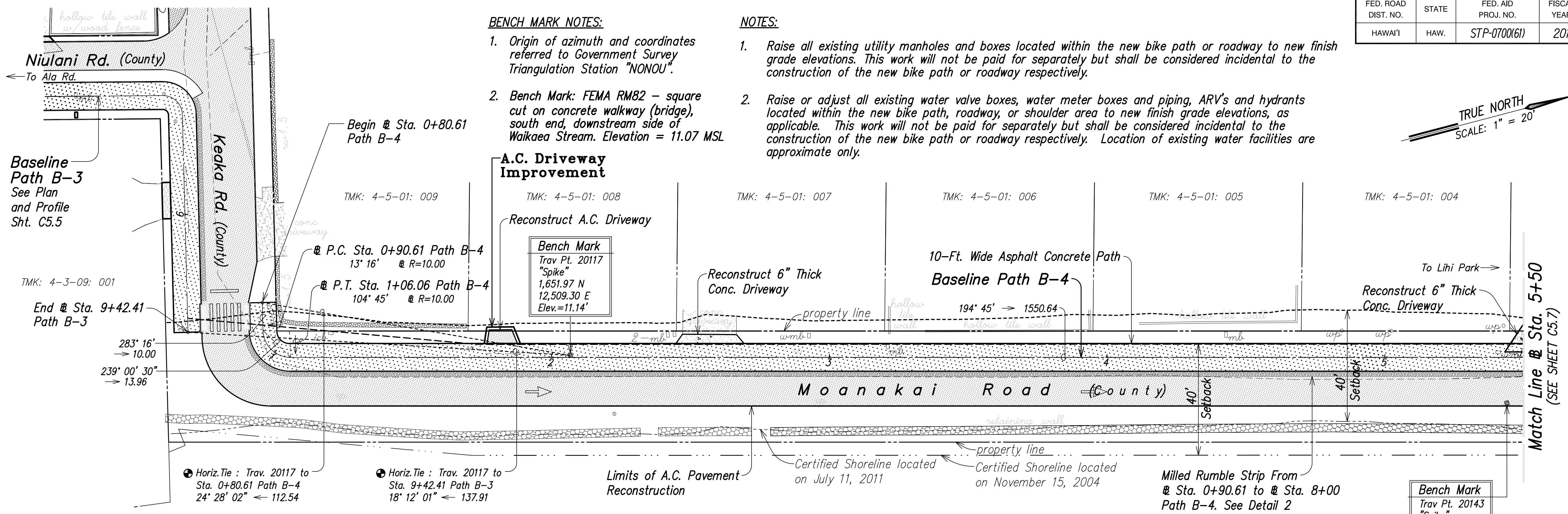
F.B.

C.B.

SHEET

C5.5
OF SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0700(61)	2011	41	143

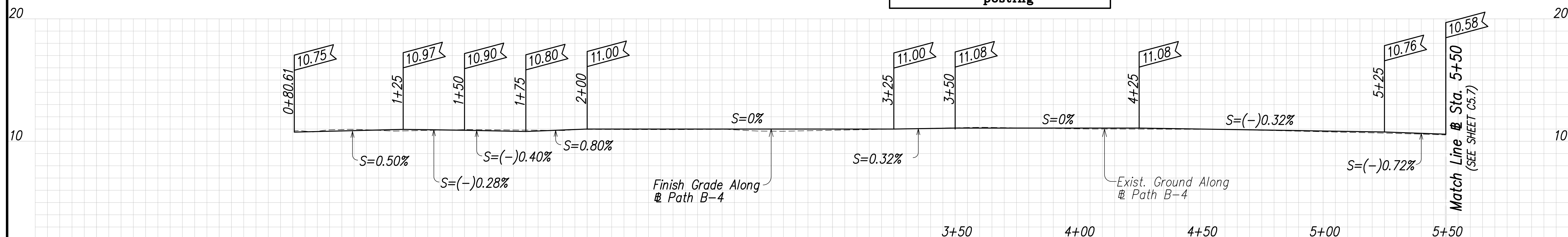


Curve Data
Sta. 0+90.61 to Sta. 1+06.06
 $\Delta = 88^\circ 31'$
 $\Delta/2 = 44^\circ 15' 30''$
 $R = 10.00$
 $T = 9.74$
 $C = 13.96$
 $L_c = 15.45$

PLAN - BIKE/PEDESTRIAN PATH B-4
SCALE: 1" = 20'

LEGEND FOR AS-BUILT POSTINGS

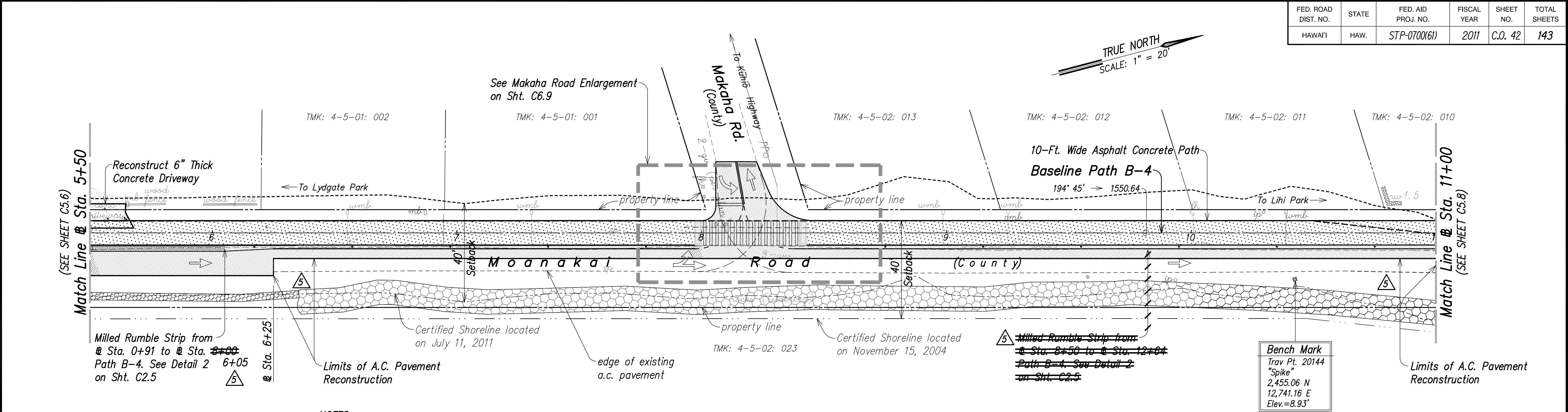
- Squiggly line for as-built deletion
- Double line for as-built deletion
- Text for as-built posting



PROFILE - BIKE/PEDESTRIAN PATH B-4
SCALES: HORIZ. 1" = 20'
VERT. 1" = 4'

APPROVED: KAWA'I ISLAND UTILITY COOPERATIVE DATE: 12/19/11		 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION. SIGNATURE: EXPIRATION DATE OF THE LICENSE: 12-31-14	COUNTY OF KAUAI DEPARTMENT OF PUBLIC WORKS LYDGATE PARK TO KAPA'A BIKE/PEDESTRIAN PATH PHASE B KAPA'A, KAUAI, HAWAII		
 HAWAIIAN TELCOM DATE: 12/18/11			PLAN AND PROFILE - PATH B-4 STA. 0+80.61 TO 5+50 FEDERAL-AID PROJECT NO. STP-0700(61) DATE: NOVEMBER 2011		
 OCEANIC TIME WARNER CABLE DATE: 12/12/11		 COUNTY ENGINEER (FOR WORK WITHIN COUNTY RIGHT OF WAY)		DRAWN BY: NGA TRACED BY: RMA CHECKED BY: F.B. C.B. SHEET NO. 41 TOTAL SHEETS 143	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0700(61)	2011	C.O. 42	143



BENCH MARK NOTES:

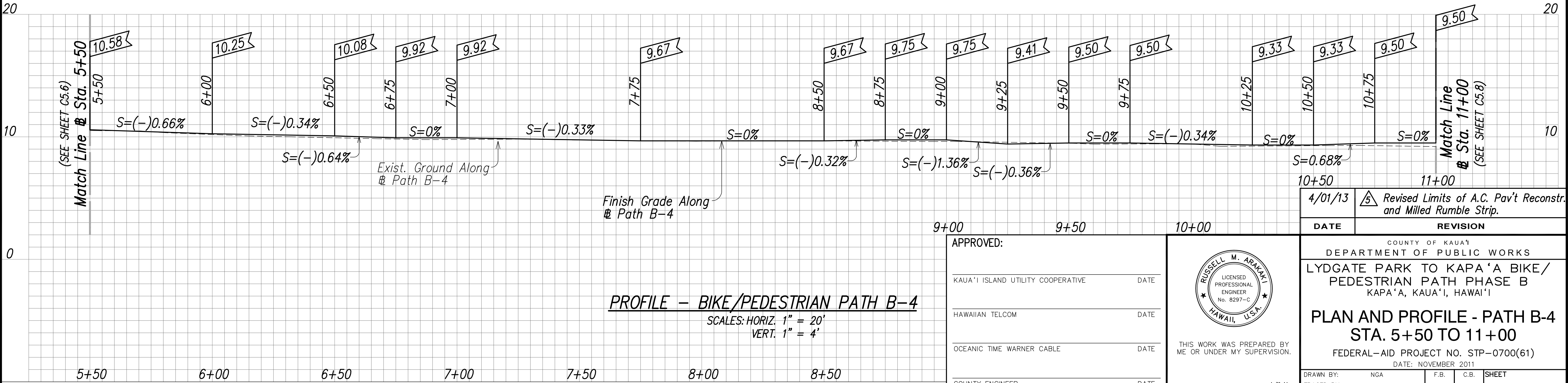
1. Origin of azimuth and coordinates referred to Government Survey Triangulation Station "NONOU".
2. Bench Mark: FEMA RM82 - square cut on concrete walkway (bridge), south end, downstream side of Waikaea Stream. Elevation = 11.07 MSL

NOTES:

1. Raise all existing utility manholes and boxes located within the new bike path or roadway to new finish grade elevations. This work will not be paid for separately but shall be considered incidental to the construction of the new bike path or roadway respectively.
2. Raise or adjust all existing water valve boxes, water meter boxes and piping, ARV's and hydrants located within the new bike path, roadway, or shoulder area to new finish grade elevations, as applicable. This work will not be paid for separately but shall be considered incidental to the construction of the new bike path or roadway respectively. Location of existing water facilities are approximate only.

PLAN - BIKE/PEDESTRIAN PATH B-4

SCALE: 1" = 20'



APPROVED:

KAUA'I ISLAND UTILITY COOPERATIVE	DATE
HAWAIIAN TELCOM	DATE
OCEANIC TIME WARNER CABLE	DATE
COUNTY ENGINEER (FOR WORK WITHIN COUNTY RIGHT OF WAY)	DATE



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

SIGNATURE: _____ EXPIRATION DATE OF THE LICENSE: 4-30-14

DATE	REVISION
4/01/13	Revised Limits of A.C. Pav't Reconstr. and Milled Rumble Strip.

COUNTY OF KAUAI
DEPARTMENT OF PUBLIC WORKS
LYDGATE PARK TO KAPA'A BIKE/PEDESTRIAN PATH PHASE B
KAPA'A, KAUAI, HAWAII
PLAN AND PROFILE - PATH B-4
STA. 5+50 TO 11+00
FEDERAL-AID PROJECT NO. STP-0700(61)
DATE: NOVEMBER 2011

DRAWN BY: NGA	F.B.	C.B.	SHEET
TRACED BY: RMA			C5.7
CHECKED BY:			OF SHEETS

"AS-BUILT"

C.O. 42

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0700(61)	2011	C.O. 43	143

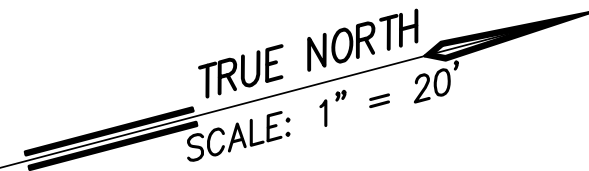
BENCH MARK NOTES:

1. Origin of azimuth and coordinates referred to Government Survey Triangulation Station "NONOU".
2. Bench Mark: FEMA RM82 - square cut on concrete walkway (bridge), south end, downstream side of Waikaea Stream. Elevation = 11.07 MSL

NOTES:

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Curve Data
@ 16+56.70 to @ 16+73.12
 $\Delta = 25^\circ 25' 41''$
 $\Delta/2 = 12^\circ 42' 51''$
 $R = 37.00$
 $T = 8.35$
 $C = 16.29$
 $L_c = 16.42$

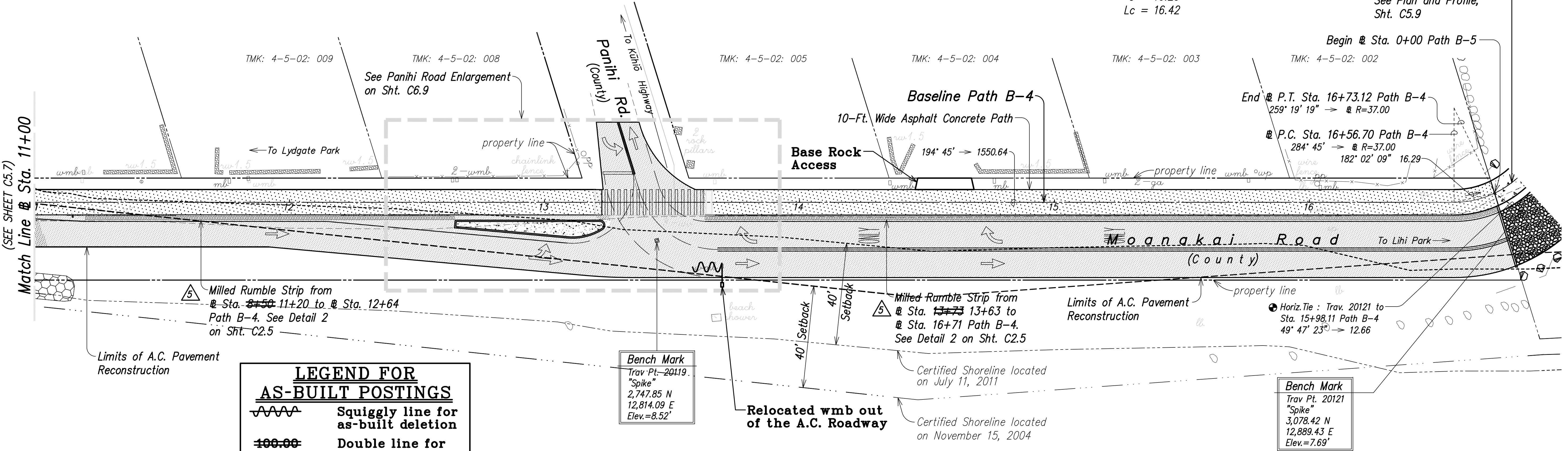


Baseline Path B-5
See Plan and Profile, Sht. C5.9

Begin @ Sta. 0+00 Path B-5

End @ P.T. Sta. 16+73.12 Path B-4
 $259^\circ 19' 19'' \rightarrow R=37.00$

@ P.C. Sta. 16+56.70 Path B-4
 $284^\circ 45' \rightarrow R=37.00$
 $182^\circ 02' 09'' \rightarrow 16.29$



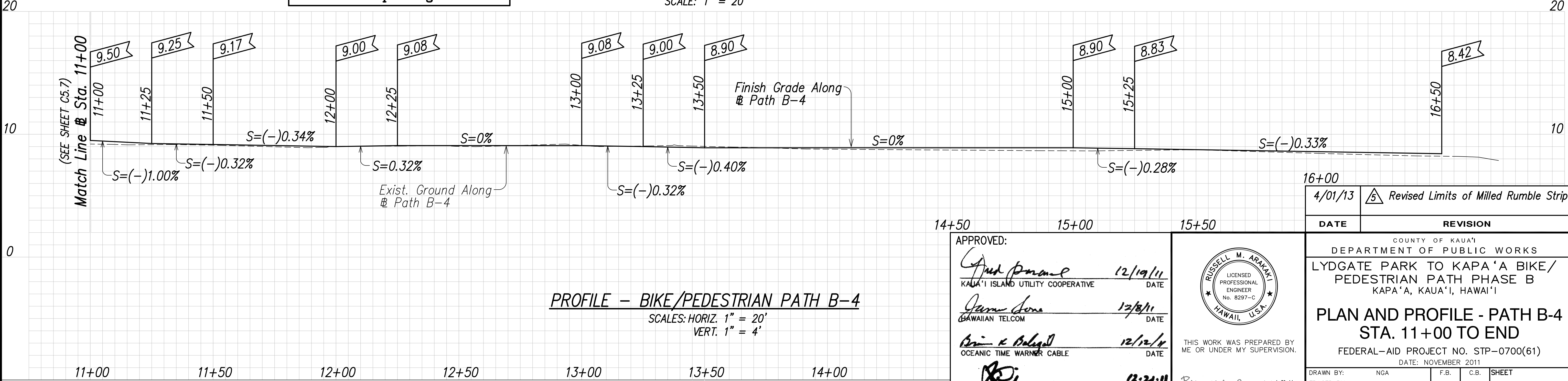
LEGEND FOR AS-BUILT POSTINGS

Squiggly line for as-built deletion

Double line for as-built deletion

Text for as-built posting

PLAN - BIKE/PEDESTRIAN PATH B-4
SCALE: 1" = 20'



PROFILE - BIKE/PEDESTRIAN PATH B-4
SCALES: HORIZ. 1" = 20'
VERT. 1" = 4'

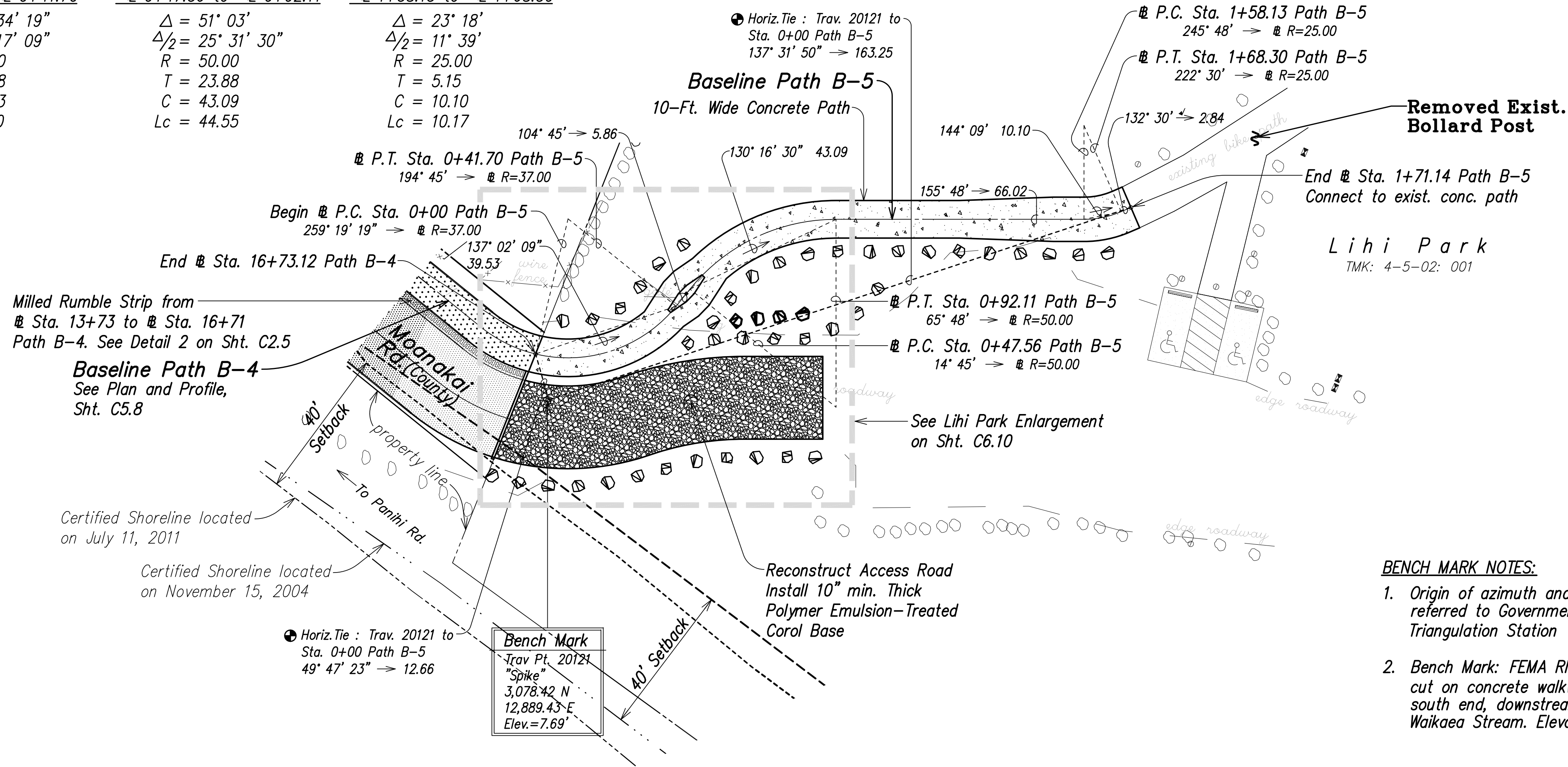
APPROVED:		DATE	
	12/19/11	DATE	
KAUAI ISLAND UTILITY COOPERATIVE		DATE	
	12/19/11	DATE	
HAWAIIAN TELCOM		DATE	
	12/12/11	DATE	
OCEANIC TIME WARNER CABLE		DATE	
	12-21-11	DATE	
COUNTY ENGINEER		DATE	
(FOR WORK WITHIN COUNTY RIGHT OF WAY)		DATE	

4/01/13	Revised Limits of Milled Rumble Strip
DATE	REVISION

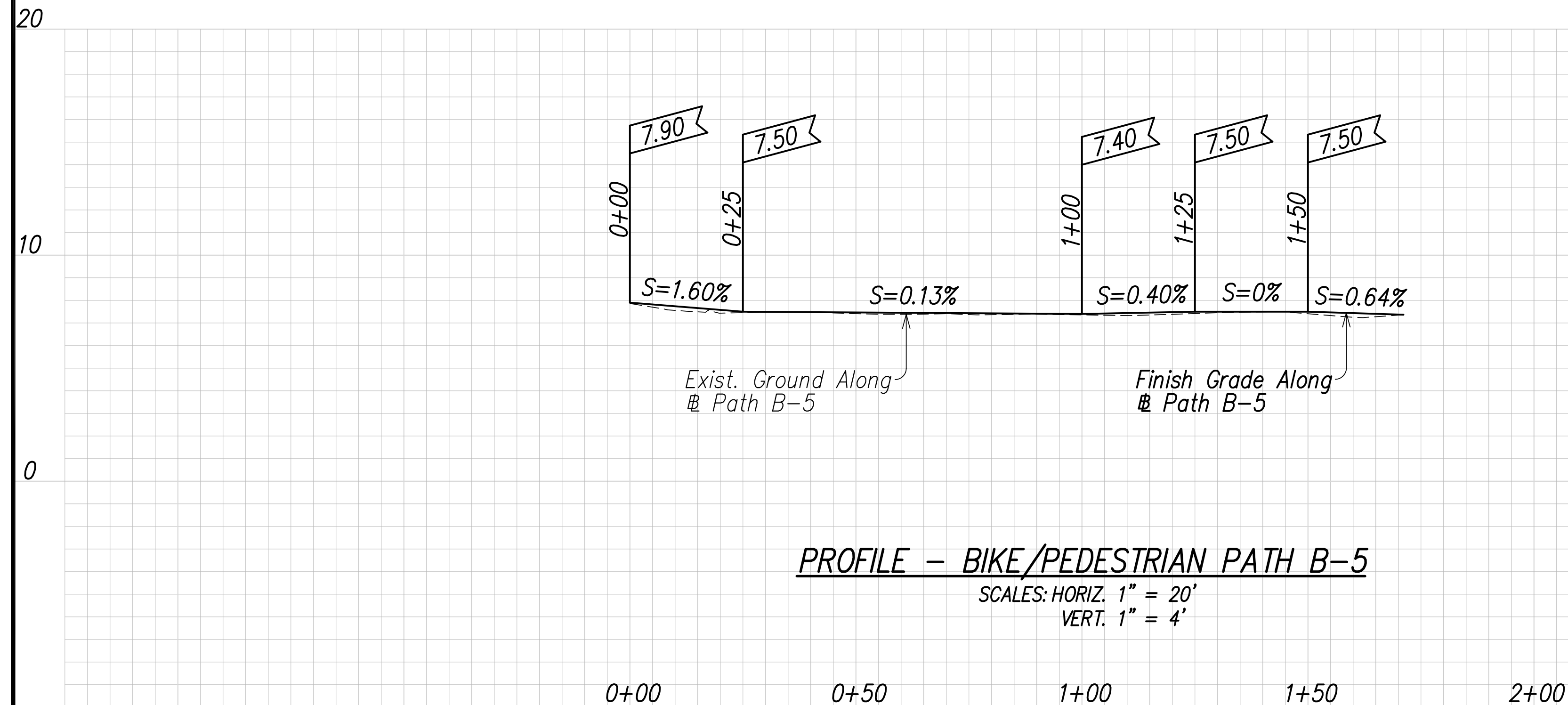
COUNTY OF KAUAI DEPARTMENT OF PUBLIC WORKS LYDGATE PARK TO KAPA'A BIKE/ PEDESTRIAN PATH PHASE B KAPA'A, KAUAI, HAWAII			
PLAN AND PROFILE - PATH B-4 STA. 11+00 TO END FEDERAL-AID PROJECT NO. STP-0700(61) DATE: NOVEMBER 2011			
DRAWN BY: NGA	F.B.	C.B.	SHEET
TRACED BY: RMA			C5.8
CHECKED BY:			OF SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0700(61)	2011	44	143

Curve Data	Curve Data	Curve Data
0+00 to 0+41.70	0+47.56 to 0+92.11	1+58.13 to 1+68.30
$\Delta = 64^{\circ} 34' 19''$	$\Delta = 51^{\circ} 03'$	$\Delta = 23^{\circ} 18'$
$\Delta/2 = 32^{\circ} 17' 09''$	$\Delta/2 = 25^{\circ} 31' 30''$	$\Delta/2 = 11^{\circ} 39'$
$R = 37.00$	$R = 50.00$	$R = 25.00$
$T = 23.38$	$T = 23.88$	$T = 5.15$
$C = 39.53$	$C = 43.09$	$C = 10.10$
$Lc = 41.70$	$Lc = 44.55$	$Lc = 10.17$



PLAN - BIKE/PEDESTRIAN PATH B-5
SCALE: 1" = 20'



PROFILE - BIKE/PEDESTRIAN PATH B-5
SCALES: HORIZ. 1" = 20'
VERT. 1" = 4'

BENCH MARK NOTES:

- Origin of azimuth and coordinates referred to Government Survey Triangulation Station "NONOU".
- Bench Mark: FEMA RM82 - square cut on concrete walkway (bridge), south end, downstream side of Waikaea Stream. Elevation = 11.07 MSL.

NOTES:

- Raise all existing utility manholes and boxes located within the new bike path or roadway to new finish grade elevations. This work will not be paid for separately but shall be considered incidental to the construction of the new bike path or roadway respectively.
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APPROVED: KAWA'I ISLAND UTILITY COOPERATIVE DATE: 12/19/11	 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION. DATE: 12/21/11 COUNTY ENGINEER (FOR WORK WITHIN COUNTY RIGHT OF WAY)	COUNTY OF KAWA'I DEPARTMENT OF PUBLIC WORKS LYDGATE PARK TO KAPA'A BIKE/PEDESTRIAN PATH PHASE B KAPA'A, KAWA'I, HAWAII PLAN AND PROFILE - PATH B-5 STA. 0+00 TO END FEDERAL-AID PROJECT NO. STP-0700(61) DATE: NOVEMBER 2011 DRAWN BY: NGA CHECKED BY: RMA F.B. C.B. SHEET C5.9 OF SHEETS
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