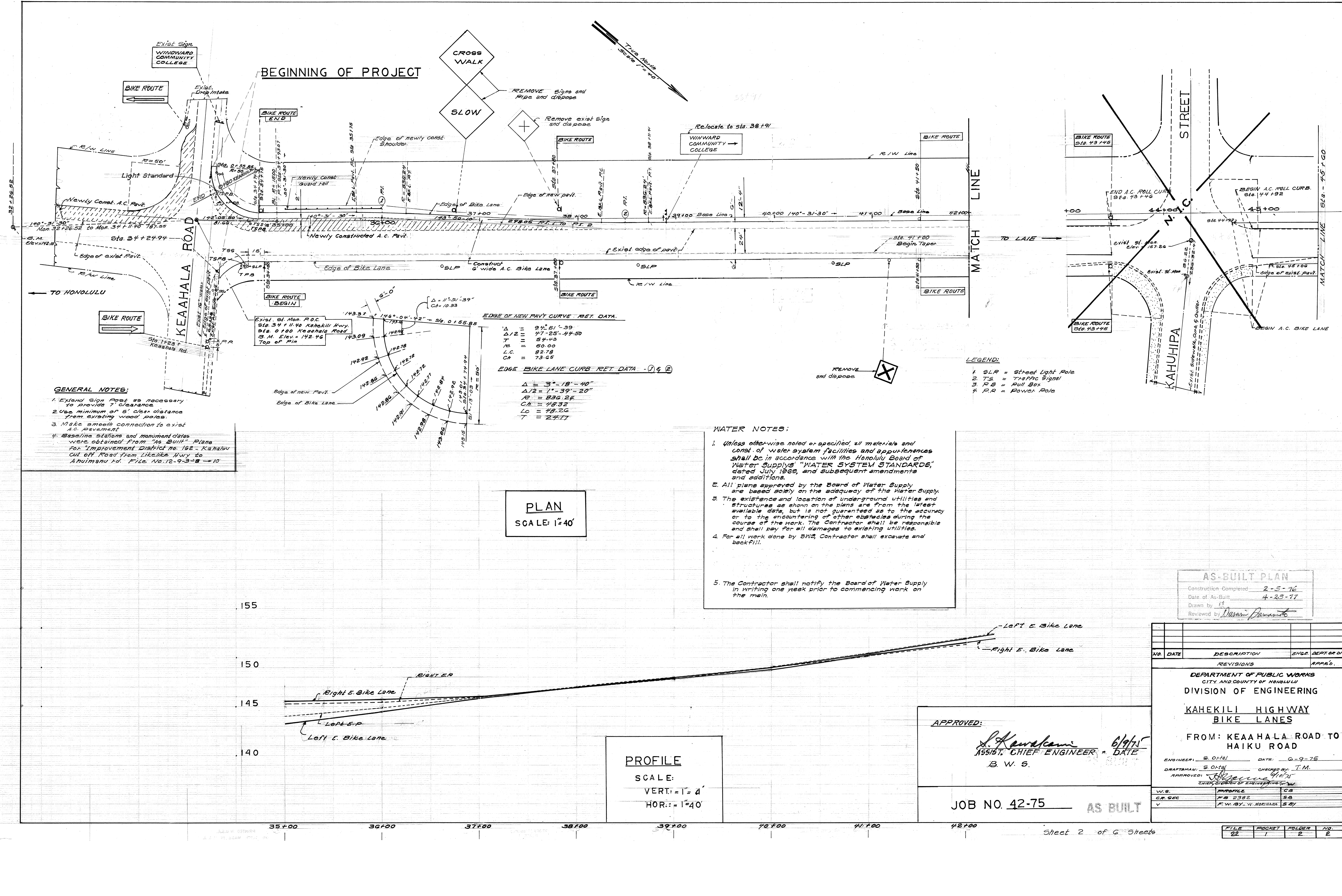




GENERAL NOTES:

1. Extend Sign Post as necessary to provide 7' clearance.
2. Use minimum of 5' clear distance from existing wood poles.
3. Make smooth connection to exist A.C. pavement.
4. Baseline stations and monument dates were obtained from "As Built" Plans for Improvement District No. 162 - Kahalu Cut off Road from Likeleke Hwy to Ahulmanu Rd. File No. 12-9-3-B-10

EDGE OF NEW PAVT CURVE - RET. DATA.

$\Delta = 94^{\circ} 51' - 39"$
 $\Delta/2 = 47^{\circ} 25' - 44.50"$
 $T = 54.443$
 $R = 50.00$
 $L.C. = 82.78$
 $C.A. = 73.65$

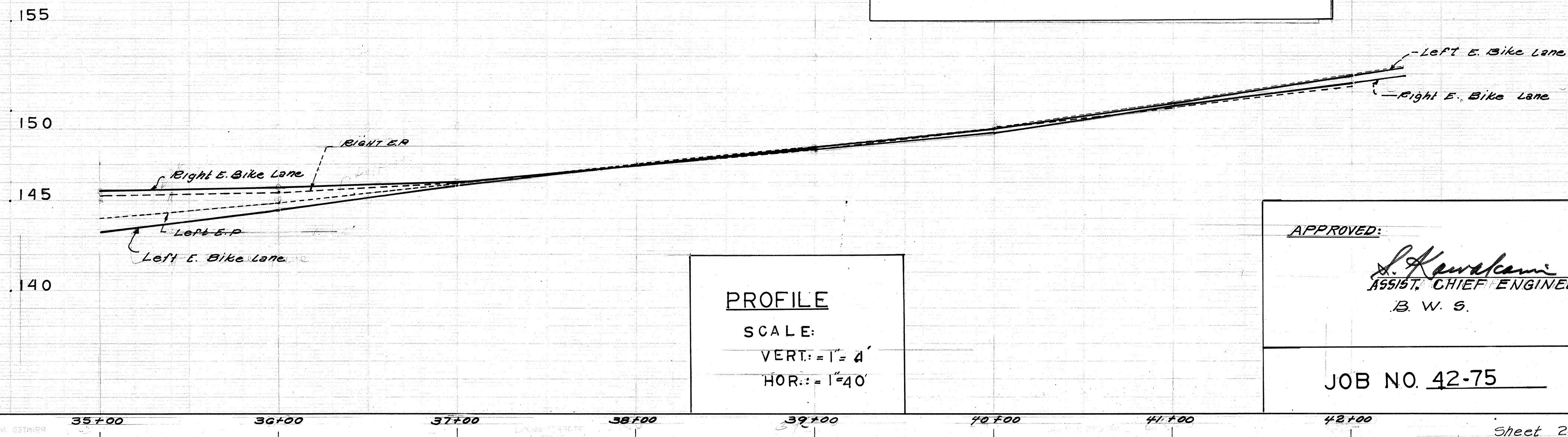
EDGE BIKE LANE CURB RET. DATA - ① & ②

$\Delta = 3^{\circ} - 18' - 40"$
 $\Delta/2 = 1^{\circ} - 39' - 20"$
 $R = 836.24$
 $C.A. = 49.26$
 $T = 24.17$

PLAN
SCALE: 1"=40'

WATER NOTES:

1. Unless otherwise noted or specified, all materials and const. of water system facilities and appurtenances shall be in accordance with the Honolulu Board of Water Supply "WATER SYSTEM STANDARDS," dated July 1969, and subsequent amendments and additions.
2. All plans approved by the Board of Water Supply are based solely on the adequacy of the Water Supply.
3. The existence and location of underground utilities and structures as shown on the plans are from the latest available data, but is not guaranteed as to the accuracy or to the encountering of other obstacles during the course of the work. The Contractor shall be responsible and shall pay for all damages to existing utilities.
4. For all work done by BWS, Contractor shall excavate and backfill.
5. The Contractor shall notify the Board of Water Supply in writing one week prior to commencing work on the main.



PROFILE
SCALE:
VERT. = 1"=4'
HOR. = 1"=40'

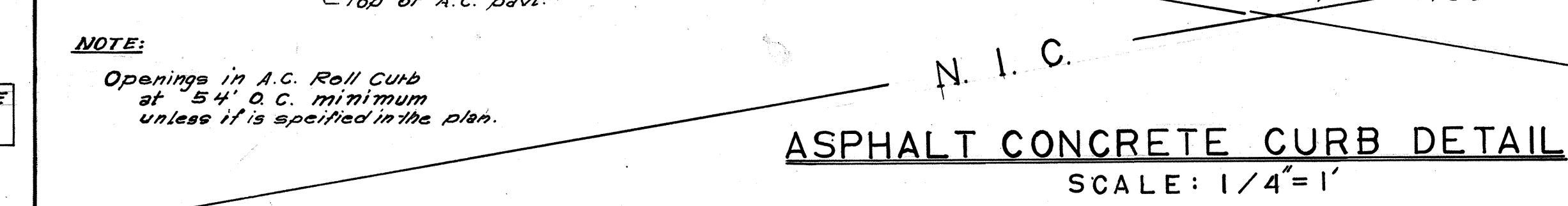
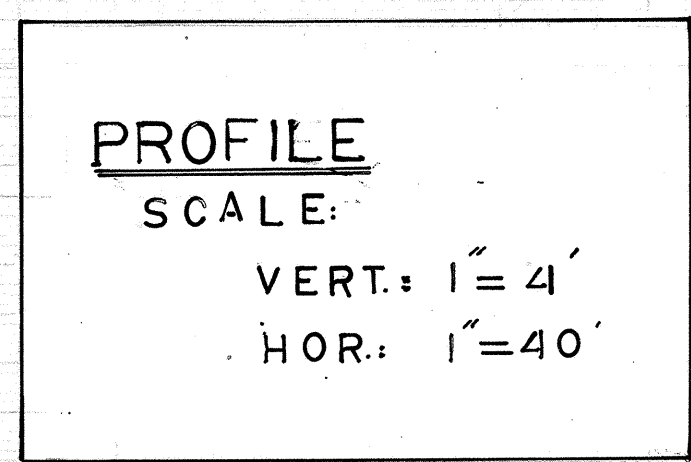
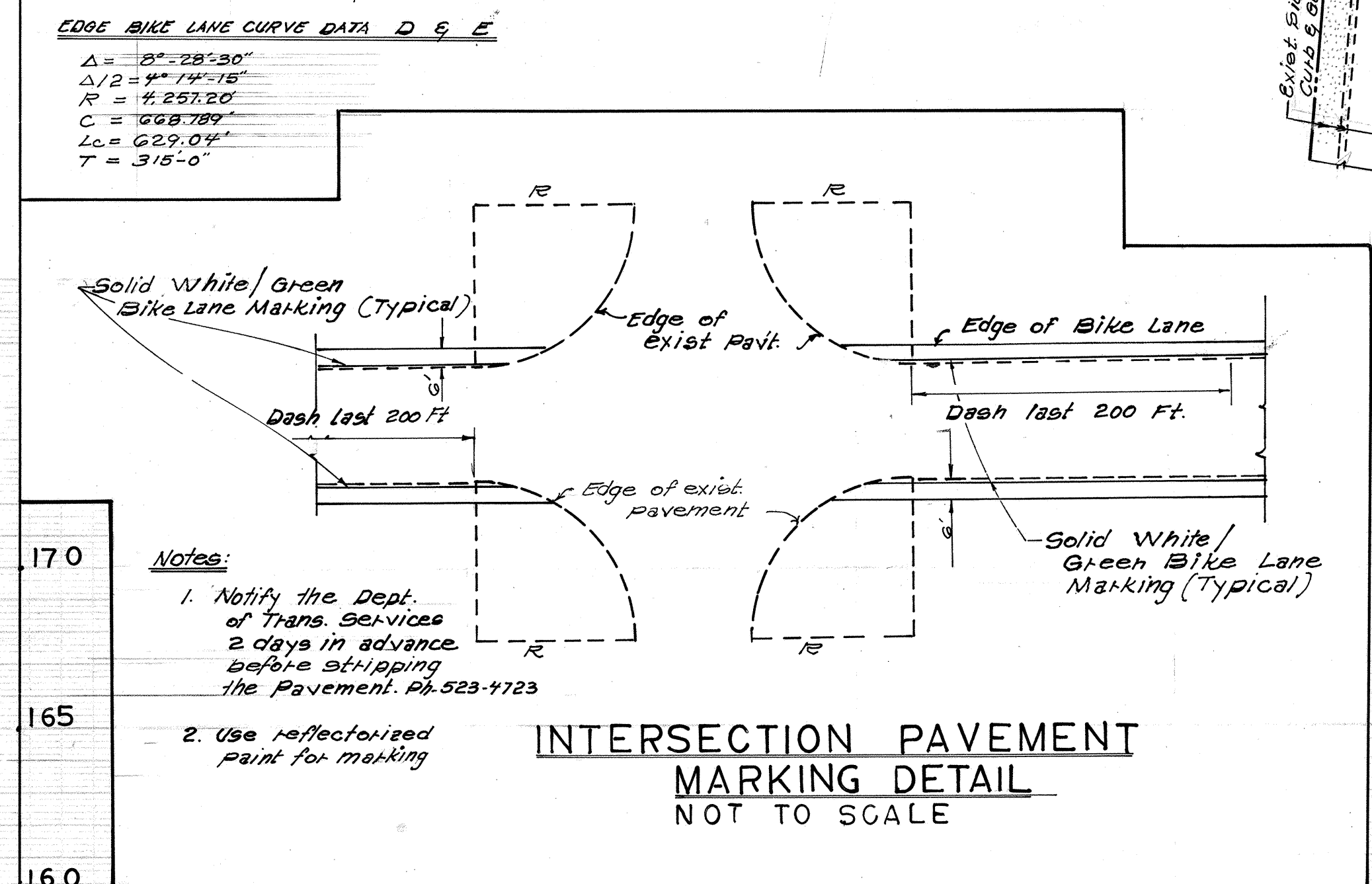
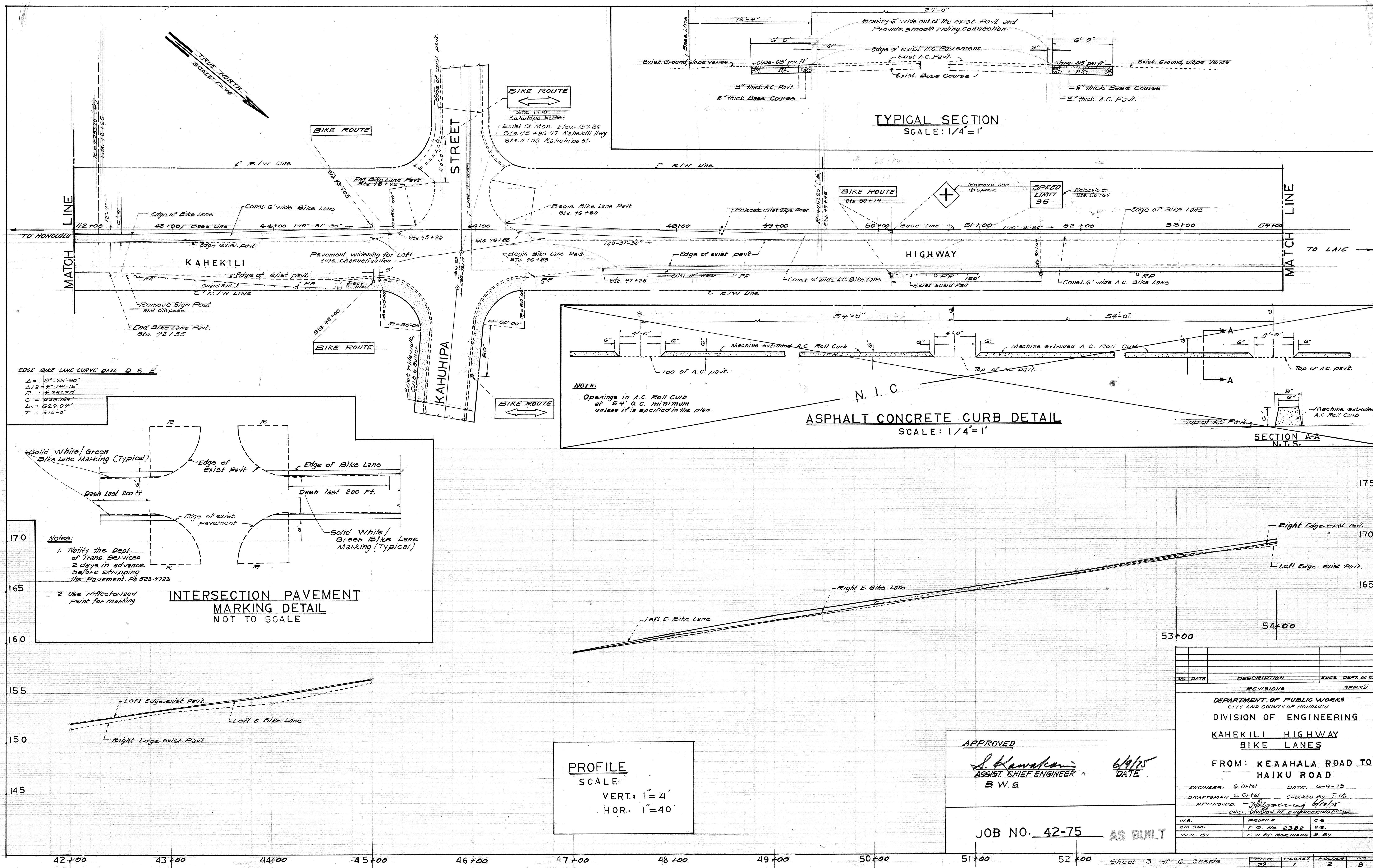
APPROVED:

S. Kawakami 6/9/75
ASSIST. CHIEF ENGINEER - DATE
B. W. S.

JOB NO. 42-75 AS BUILT

AS-BUILT PLAN			
Construction Completed		2-5-76	
Date of As-Built		4-23-77	
Drawn by		J. M.	
Reviewed by		Dariusz Damski	
No.	DATE	DESCRIPTION	ENGR. DEPT. OR DIV.
REVISIONS			
APPROVED			
DEPARTMENT OF PUBLIC WORKS CITY AND COUNTY OF HONOLULU DIVISION OF ENGINEERING KAHEKILI HIGHWAY BIKE LANES FROM: KEAAHALA ROAD TO HAIKU ROAD			
ENGINEER	S. O'Hara	DATE	6-9-75
DRAFTSMAN	S. O'Hara	CHECKED BY	J. M.
APPROVED	<i>[Signature]</i> 6/10/75 CHIEF DIVISION OF ENGINEERING		
W.S.	PROFILE	C.A.	
C.P. SEC	FB 2382	SB	
V	F.W.B.Y. - V. NORTHERN	SBY	

FILE	POCKET	FOLDER	No.
22	1	2	2



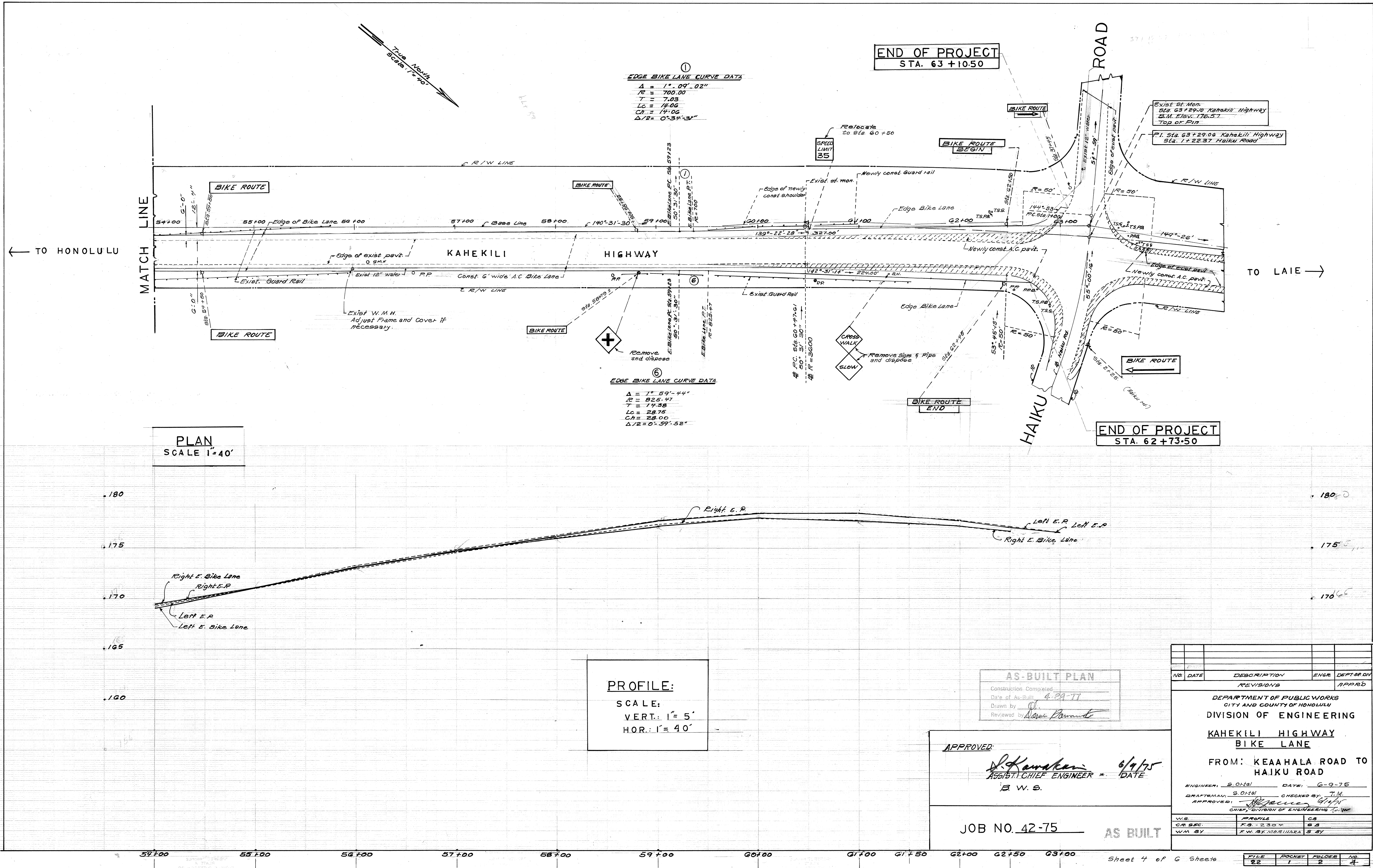
APPROVED
S. Kawakani
ASSIST. CHIEF ENGINEER
B.W.S.

6/9/75
DATE

JOB NO. 42-75 AS BUILT

NO. DATE DESCRIPTION ENGR. DEPT. REVISIONS APPROD.			
DEPARTMENT OF PUBLIC WORKS CITY AND COUNTY OF HONOLULU DIVISION OF ENGINEERING KAHEKILI HIGHWAY BIKE LANES FROM: KEAAHALA ROAD TO HAIKU ROAD			
ENGINEER: S. Ohtai DATE: 6-9-75 DRAFTSMAN: S. Ohtai CHECKED BY: T. M. APPROVED: <i>[Signature]</i> CHIEF, DIVISION OF ENGINEERING			
W.S.	PROFILE	C.B.	
C.R. SEC.	P.S. NO. 2382	S.B.	
W.M. BY	P.W. BY: MORIMARU	S. BY	

FILE 22 FOLDER 1 FOLDER 2 NO. 3



EDGE BIKE LANE CURVE DATA
①
 $\Delta = 1^\circ 09' 02''$
 $R = 700.00$
 $T = 7.03$
 $LC = 14.06$
 $Ch = 14.06$
 $\Delta/2 = 0^\circ 34' 31''$

EDGE BIKE LANE CURVE DATA
⑥
 $\Delta = 1^\circ 59' 44''$
 $R = 825.47$
 $T = 14.38$
 $LC = 28.75$
 $Ch = 28.00$
 $\Delta/2 = 0^\circ 59' 52''$

PLAN
SCALE 1"=40'

PROFILE:
SCALE:
VERT. 1"=5'
HOR. 1"=40'

AS-BUILT PLAN
Construction Completed
Date of As-Built 4-29-77
Drawn by [Signature]
Reviewed by [Signature]

APPROVED:
[Signature]
ASSIST. CHIEF ENGINEER
B. W. S.
DATE 6/9/75

JOB NO. 42-75 AS BUILT

NO.	DATE	DESCRIPTION	ENGR.	DEPT. DIV.
		REVISIONS		APPROD
DEPARTMENT OF PUBLIC WORKS CITY AND COUNTY OF HONOLULU DIVISION OF ENGINEERING KAHEKILI HIGHWAY BIKE LANE FROM: KEAAHALA ROAD TO HAIKU ROAD				
ENGINEER: S. O. [Signature]		DATE: 6-9-75		
DRAFTSMAN: S. O. [Signature]		CHECKED BY: T.M.		
APPROVED: [Signature]		CHIEF, DIVISION OF ENGINEERING (T.M.)		
W.S.	PROFILES	CS		
CR SEC.	F.S. 233 W	S.S.		
WM BY	F.W. BY: MORTIMARA	S BY		
FILE	POCKET	FOLDER	NO.	
22	1	2	4	