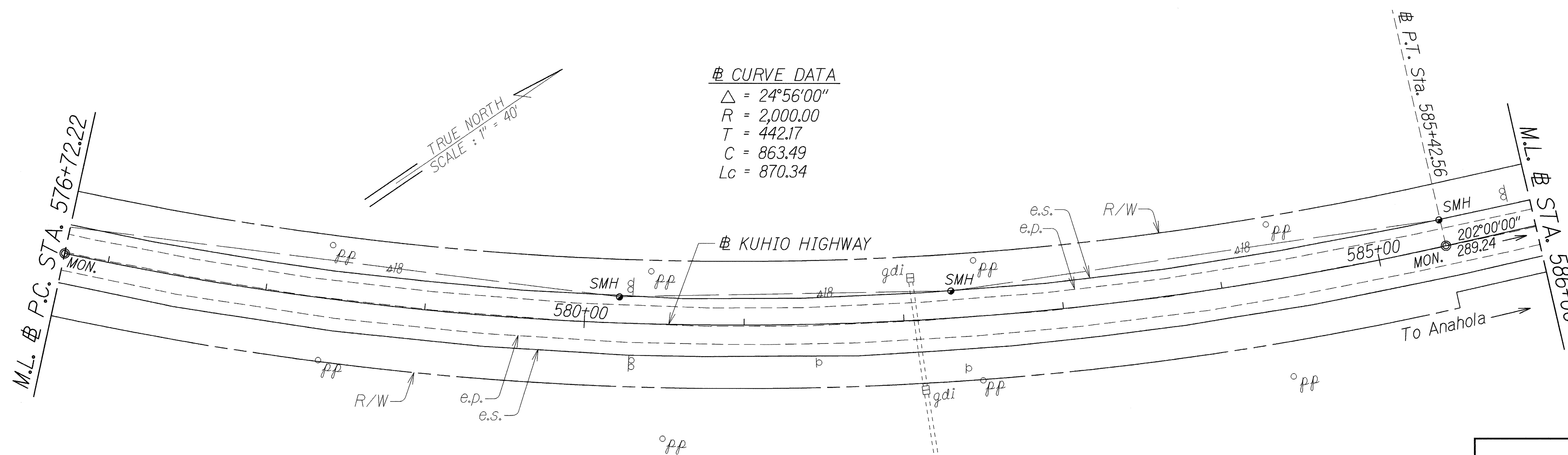
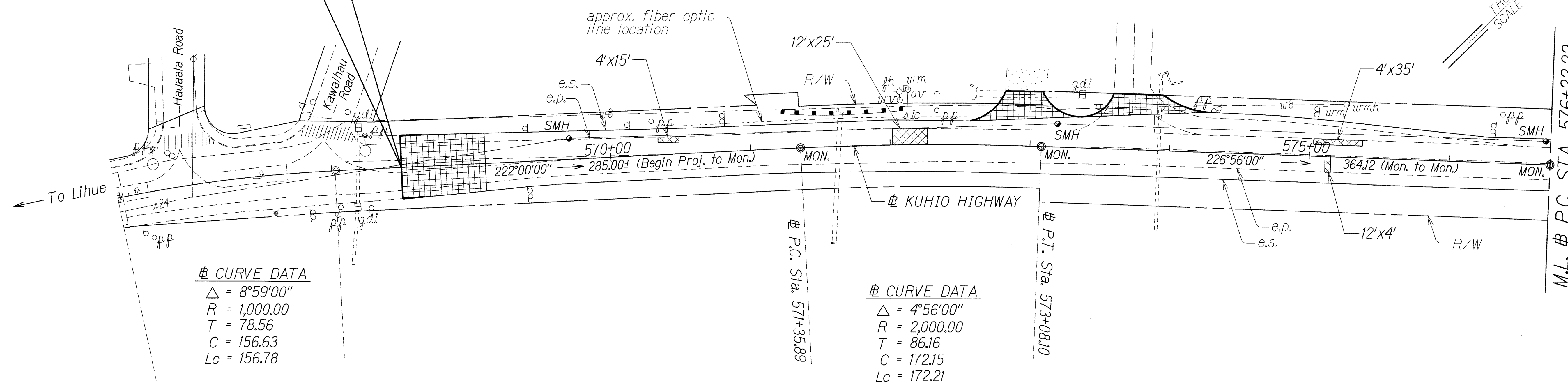


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ARR-056-1(52)	2009	13	21

BEGIN PROJECT
Project No. 56AB-01-09M
Sta. 568+50±

Sta. 571+22± to Sta. 572+10± o/s 23'± Lt.
Install Guardrail, W-Beam with Strong Post
(12.5 L.F.) and FLEAT-350 Each at Approaching
and Trailing Ends



DATE	2/10/09
SURVEY PLOTTED BY	
DRAWN BY	
TRACED BY	
DESIGNED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
FILED	
NO.	

APPROVED:
Edward Echym
Chief, Wastewater Division
Department of Public Works

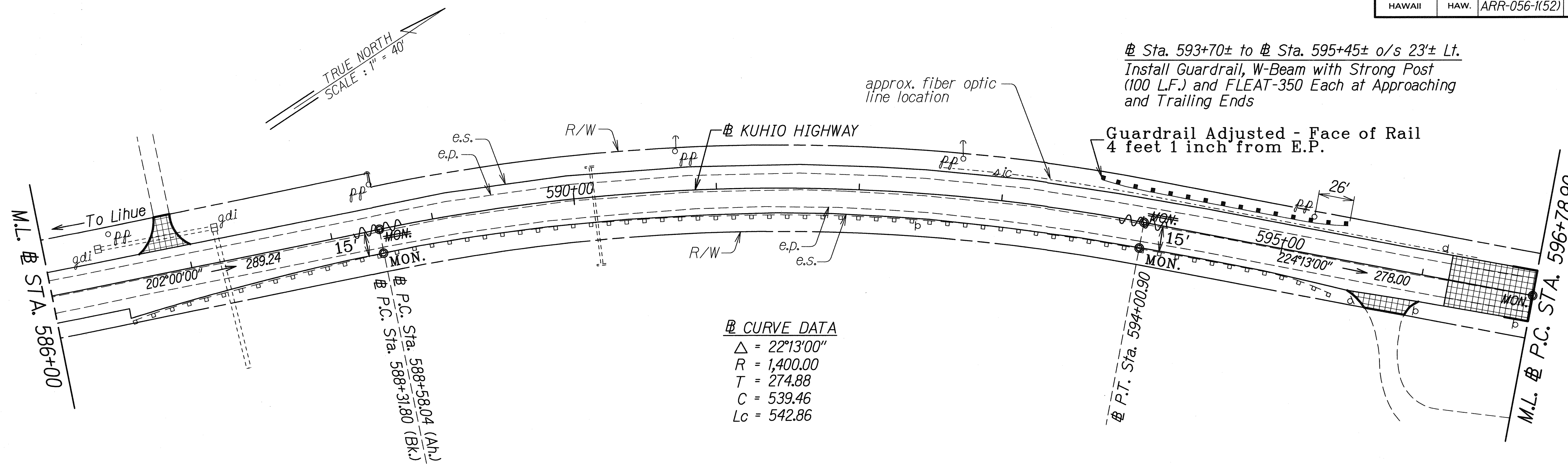
3/6/09
Date

APPROVED:
Bruce Inoué
For Manager & Chief Engineer
Department of Water

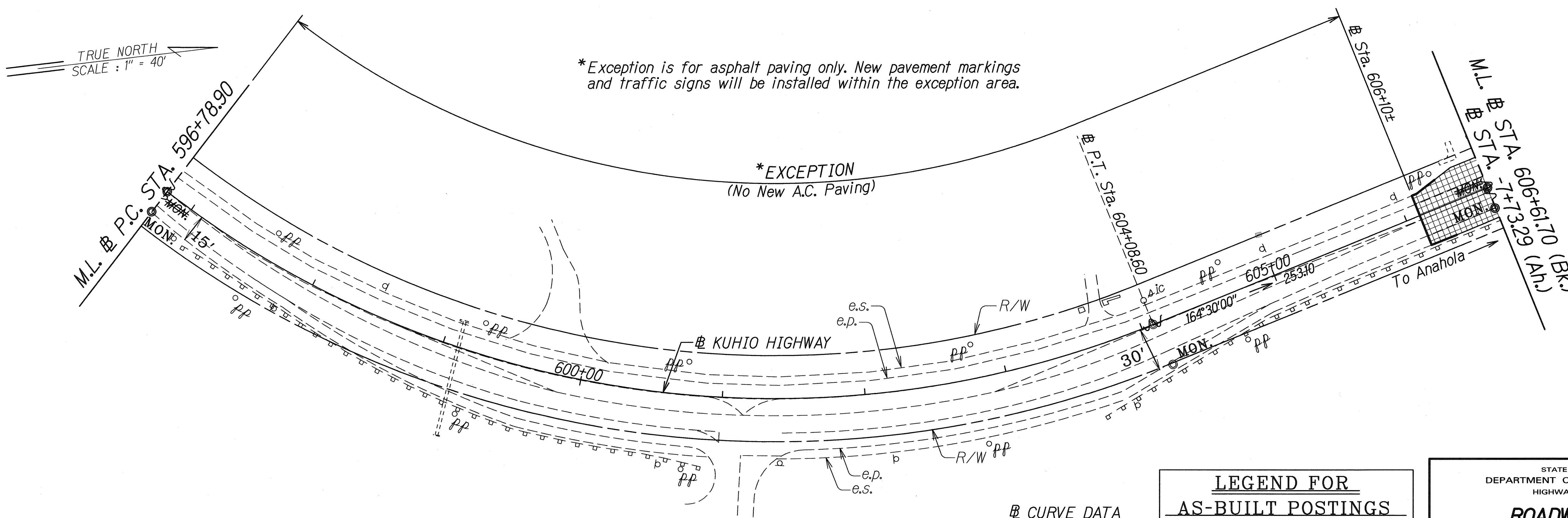
2/13/09
Date

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLAN
KUHIO HIGHWAY RESURFACING
Kawaihau Road to Kapaa Bridge
Federal-Aid Project No. ARR-056-1(52)
Scale: 1" = 40' Date: March 2009
SHEET No. 1 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ARR-056-1(52)	2009	14	21



△ CURVE DATA
 $\Delta = 22^\circ 13' 00''$
 $R = 1,400.00$
 $T = 274.88$
 $C = 539.46$
 $L_c = 542.86$



△ CURVE DATA
 $\Delta = 59^\circ 43' 00''$
 $R = 700.00$
 $T = 401.90$
 $C = 697.00$
 $L_c = 729.70$

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

KUHIO HIGHWAY RESURFACING
 Kawaihau Road to Kapaa Bridge
 Federal-Aid Project No. ARR-056-1(52)

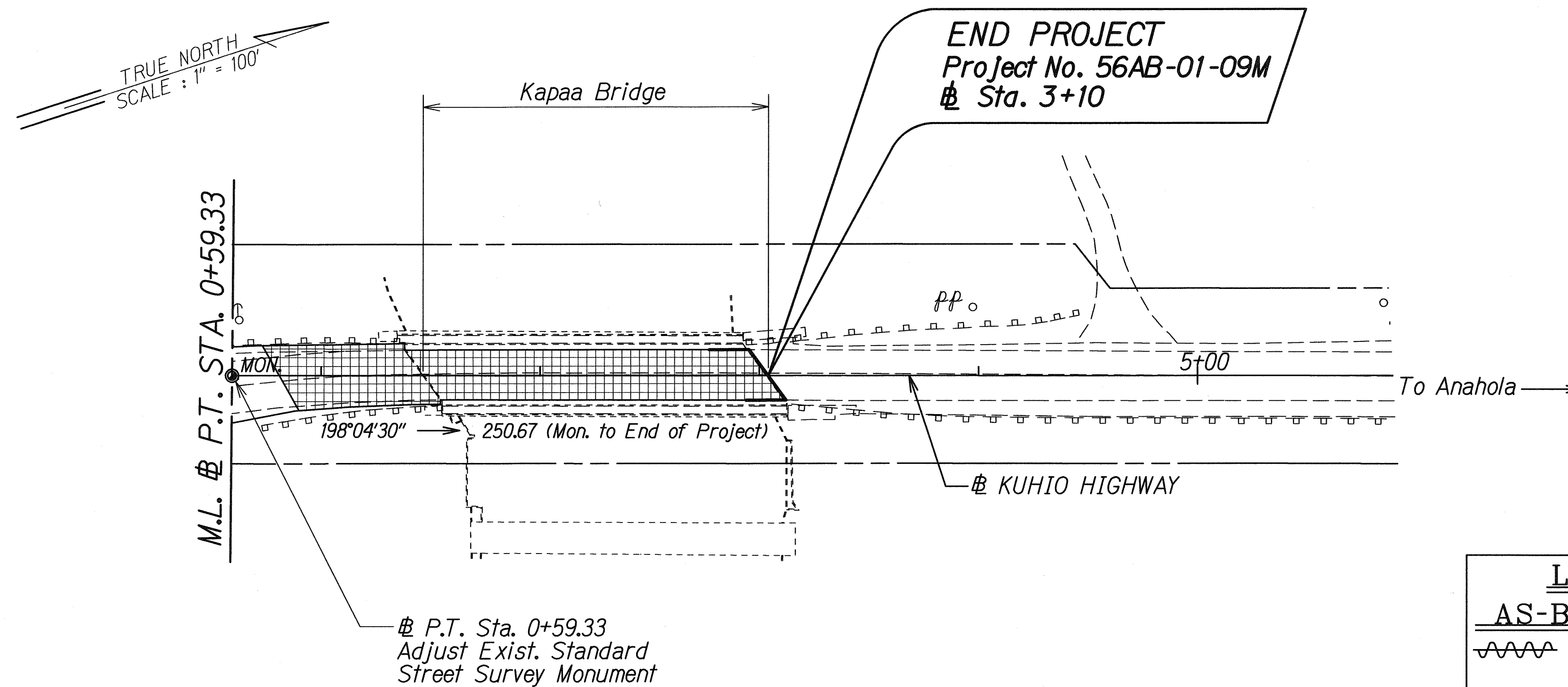
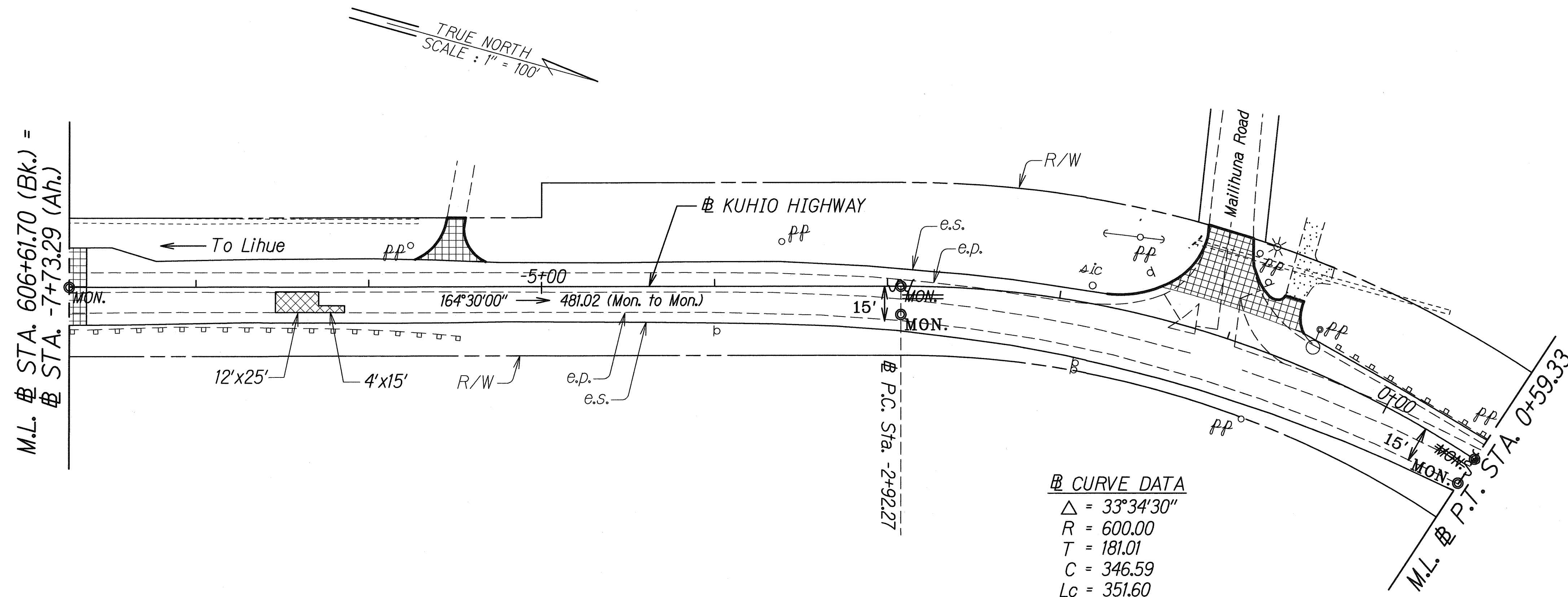
Scale: 1" = 40' Date: March 2009

SHEET No. 2 OF 3 SHEETS

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	3/08
DRAWN BY	
TRACED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ARR-056-1(52)	2009	15	21



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	3/22
CHECKED BY	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

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

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
<b>ROADWAY PLAN</b>
<b>KUHIO HIGHWAY RESURFACING</b>
<b>Kawaihau Road to Kapaa Bridge</b>
<b>Federal-Aid Project No. ARR-056-1(52)</b>
Scale: 1" = 40' Date: March 2009
SHEET No. 3 OF 3 SHEETS

"AS-BUILT"