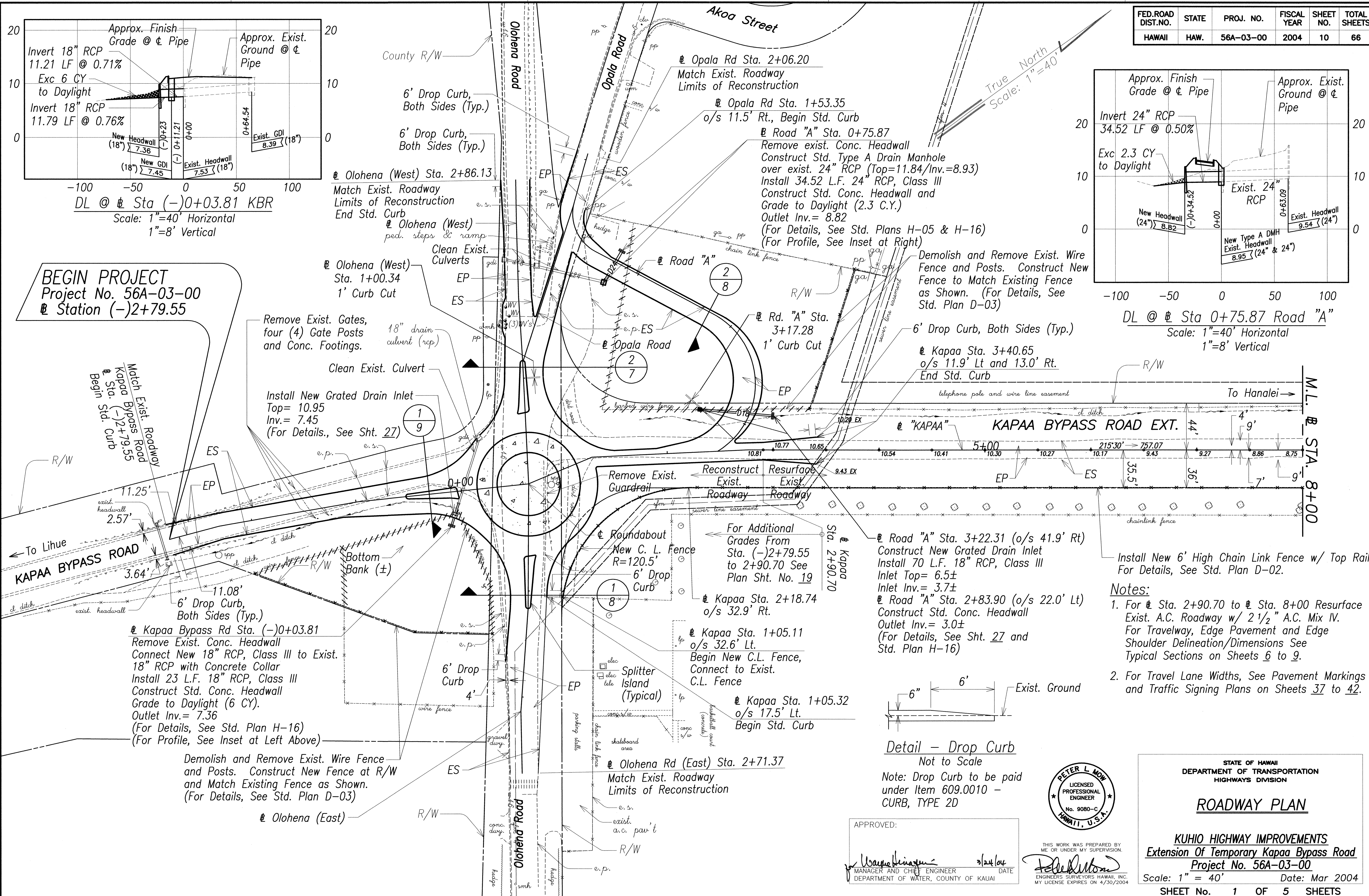
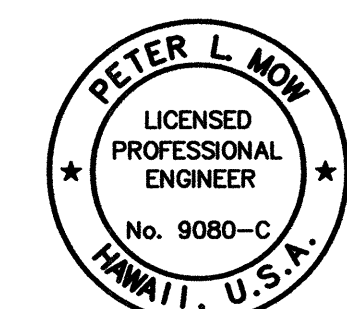


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56A-03-00	2004	10	66



SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
QUANTITIES BY	
NO.	



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
Peter L. Mow
 LICENSED PROFESSIONAL ENGINEER
 No. 9080-C
 HAWAII, U.S.A.

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

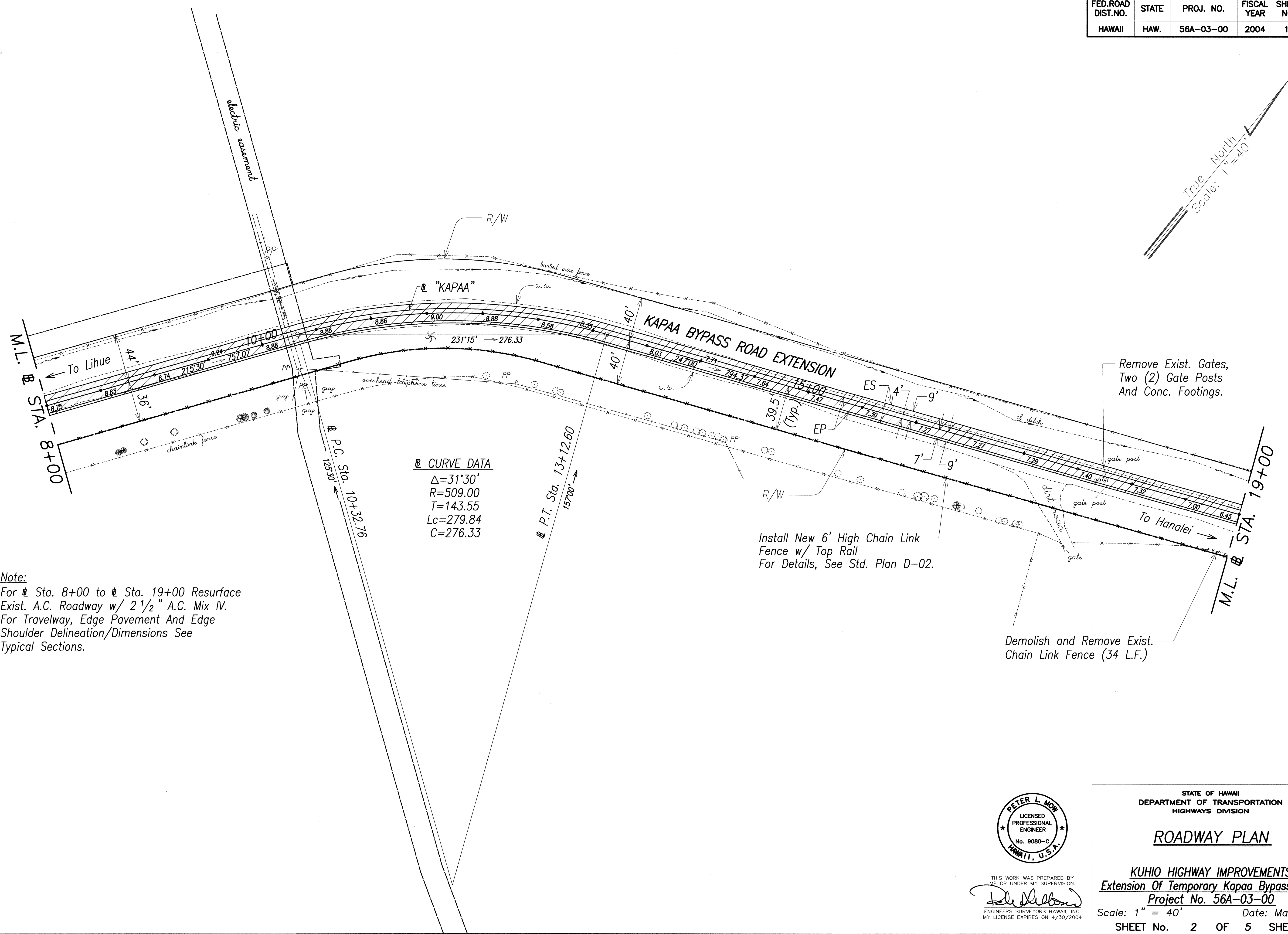
ROADWAY PLAN

KUHIO HIGHWAY IMPROVEMENTS
 Extension Of Temporary Kapa'a Bypass Road
 Project No. 56A-03-00

Scale: 1" = 40' Date: Mar 2004

SHEET No. 1 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56A-03-00	2004	11	66



Note:
 For Sta. 8+00 to Sta. 19+00 Resurface
 Exist. A.C. Roadway w/ 2 1/2" A.C. Mix IV.
 For Travelway, Edge Pavement And Edge
 Shoulder Delineation/Dimensions See
 Typical Sections.

CURVE DATA
 $\Delta=31^{\circ}30'$
 $R=509.00$
 $T=143.55$
 $Lc=279.84$
 $C=276.33$

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
XXXXXXXX	DESIGNED BY	
000000	CHECKED BY	
No.		

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Peter L. Mow

ENGINEERS SURVEYORS HAWAII, INC.
 MY LICENSE EXPIRES ON 4/30/2004

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

ROADWAY PLAN

KUHIO HIGHWAY IMPROVEMENTS
 Extension Of Temporary Kapaa Bypass Road
 Project No. 56A-03-00

Scale: 1" = 40' Date: Mar 2004

SHEET No. 2 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56A-03-00	2004	ADD 12	66

Note:

For Sta. 19+00 to Sta. 21+82.08 Resurface
Exist. A.C. Roadway w/ 2 1/2" A.C. Mix IV. For
Travelway, Edge Pavement and Edge Shoulder
Delineation/Dimensions See Typical Sections.

For Sta. 21+82.08 to Sta. 25+57.17 (Begin Bridge) And
For Sta. 26+50.83 (End Bridge) to Sta. 29+00
Reconstruct Exist. A.C. Roadway w/ 2 1/2" A.C. Mix IV and
7" A.C. Base. For Travelway, Edge Pavement and Edge
Shoulder Delineation/Dimensions See Typical Sections.

CURVE DATA

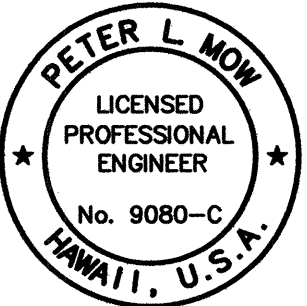
$\Delta=28^{\circ}20'30''$
 $R=800.00$
 $T=202.00$
 $Lc=395.72$
 $C=391.70$

CURVE DATA

$\Delta=43^{\circ}20'30''$
 $R=350.00$
 $T=139.08$
 $Lc=264.76$
 $C=258.49$

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NOTED BY	
DATE	

05/13/04	ADDED TYPE "G" END TREATMENT AT 21+82.08
DATE	REVISION



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Peter L. Mow
ENGINEERS SURVEYORS HAWAII, INC.
MY LICENSE EXPIRES ON 4/30/2004

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

KUHIO HIGHWAY IMPROVEMENTS
Extension Of Temporary Kapaa Bypass Road
Project No. 56A-03-00

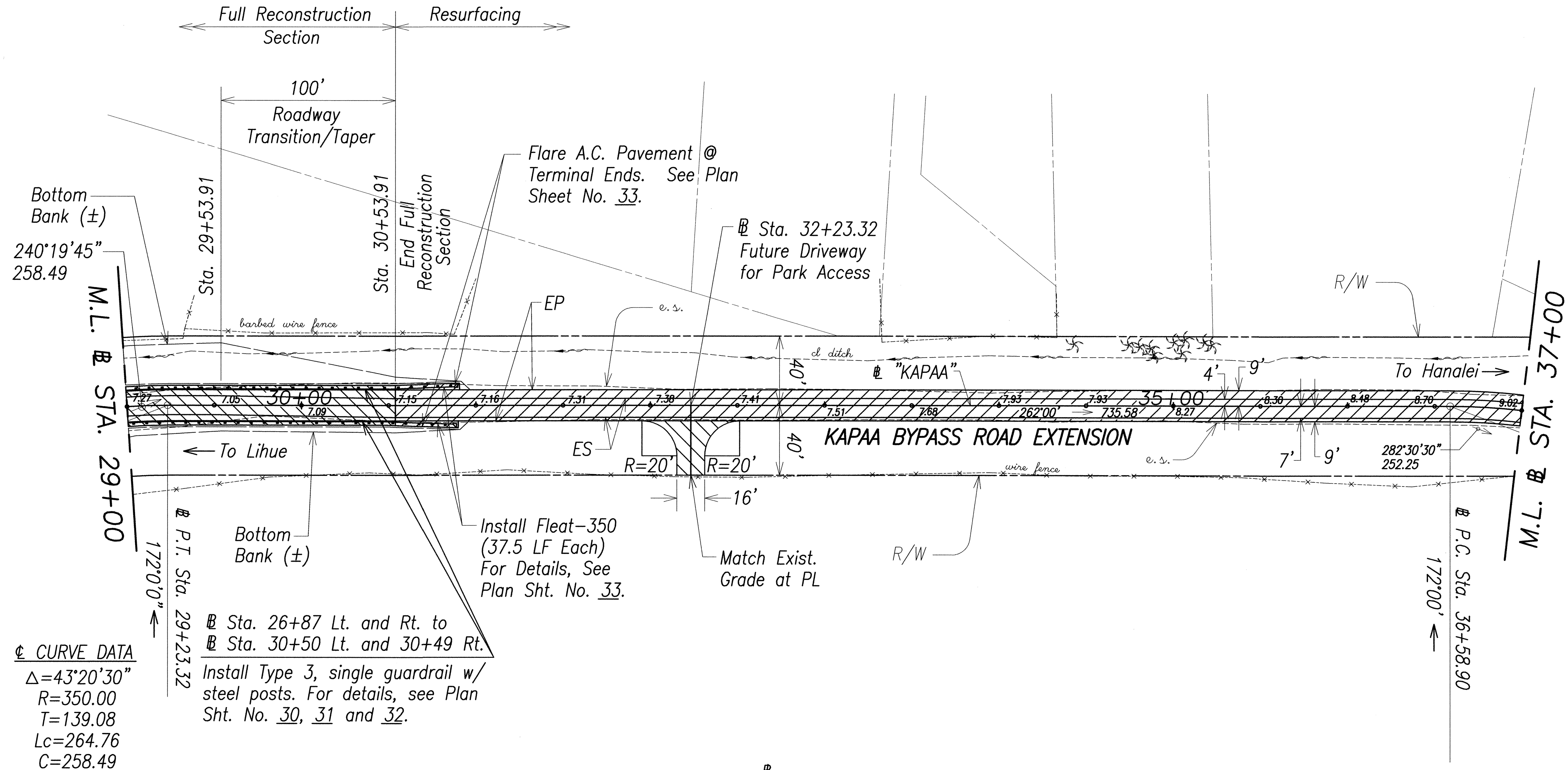
Scale: 1" = 40' Date: Mar 2004

SHEET No. 3 OF 5 SHEETS

ADD. 12

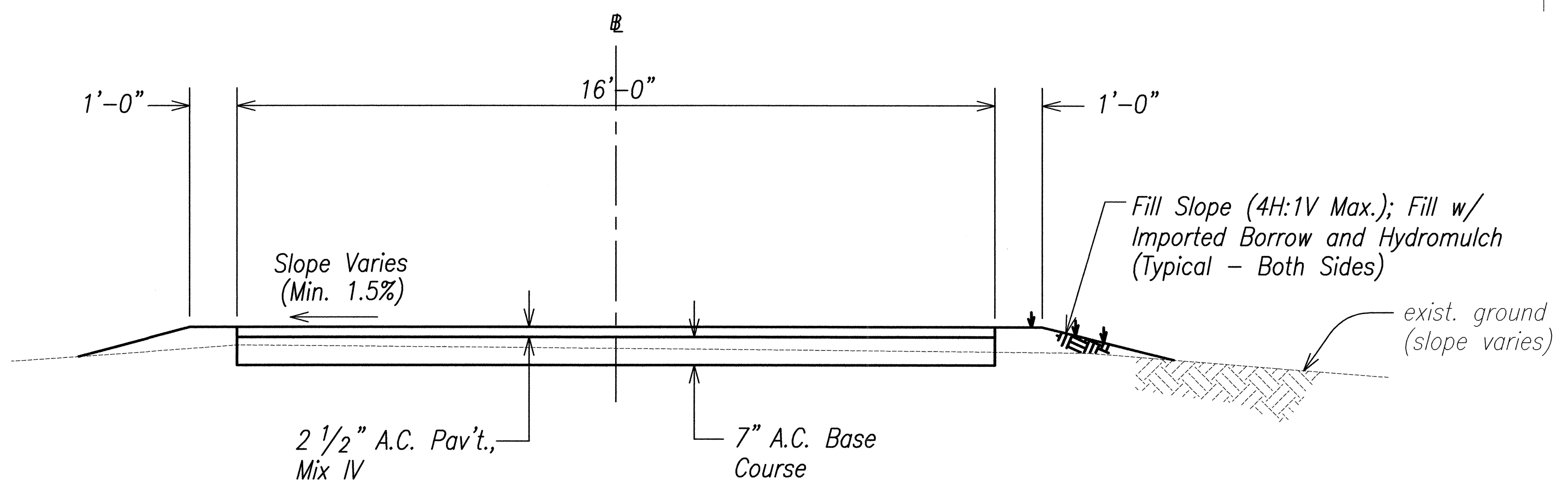
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56A-03-00	2004	13	66

True North
Scale: 1" = 40'



CURVE DATA
 Δ=43°20'30"
 R=350.00
 T=139.08
 Lc=264.76
 C=258.49

Sta. 26+87 Lt. and Rt. to
 Sta. 30+50 Lt. and 30+49 Rt.
 Install Type 3, single guardrail w/
 steel posts. For details, see Plan
 Sht. No. 30, 31 and 32.



Note:
 For Sta. 29+00 to Sta. 30+53.91 Reconstruct
 Exist. A.C. Roadway w/ 2 1/2" A.C. Mix IV and
 7" A.C. Base. For Travelway, Edge Pavement and Edge
 Shoulder Delineation/Dimensions See Typical Sections.

 For Sta. 30+53.91 to Sta. 37+00 Resurface
 Exist. A.C. Roadway w/ 2 1/2" A.C. Mix IV. For
 Travelway, Edge Pavement and Edge Shoulder
 Delineation/Dimensions See Typical Sections.

TYPICAL SECTION - PARK ACCESS DRIVEWAY
 Not to Scale

PETER L. MOW
 LICENSED PROFESSIONAL ENGINEER
 No. 9080-C
 HAWAII, U.S.A.
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 ME OR UNDER MY SUPERVISION.
 ENGINEERS SURVEYORS HAWAII, INC.
 MY LICENSE EXPIRES ON 4/30/2004

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

ROADWAY PLAN

KUHIO HIGHWAY IMPROVEMENTS
 Extension Of Temporary Kapaa Bypass Road
 Project No. 56A-03-00

Scale: 1" = 40'

Date: Mar 2004

SHEET No. 4 OF 5 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
DESIGNED BY	
CHECKED BY	
DATE	

