

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	250A-01-02M	2002	8	34

⑤ CURVE DATA

$\Delta = 25^{\circ}11'00''$
 $R = 200.00$
 $T = 44.67$
 $C = 87.20$
 $L_c = 87.91$

④ CURVE DATA

$\Delta = 10^{\circ}13'00''$
 $R = 730.00$
 $T = 65.26$
 $C = 130.00$
 $L_c = 130.17$

② CURVE DATA

$\Delta = 13^{\circ}21'00''$
 $R = 263.00$
 $T = 30.78$
 $C = 61.14$
 $L_c = 61.28$

① CURVE DATA

$\Delta = 33^{\circ}44'00''$
 $R = 278.00$
 $T = 84.29$
 $C = 161.32$
 $L_c = 163.67$

③ CURVE DATA

$\Delta = 16^{\circ}42'00''$
 $R = 500.00$
 $T = 73.39$
 $C = 145.22$
 $L_c = 145.74$

BEGIN PROJECT
Project No. 250A-01-02M
Sta. 121+50, Segment A

To Hawi

R/W

Tie into existing markings

CAUTION
WINDING ROAD
NARROW SHOULDER
NEXT 17 MI.
27 KM.
(Existing Sign To Remain)

2 each
evenly spaced
@ 70' o.c.
(Bi)

2 each
evenly spaced
@ 70' o.c.
(Bi)

4" White E.P. Stripe
with Type "C" pavement
Markers at 40'-0" o.c.

Mauka

Makai

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

KOHALA MOUNTAIN ROAD RESURFACING

IKI ROAD TO KAHUA

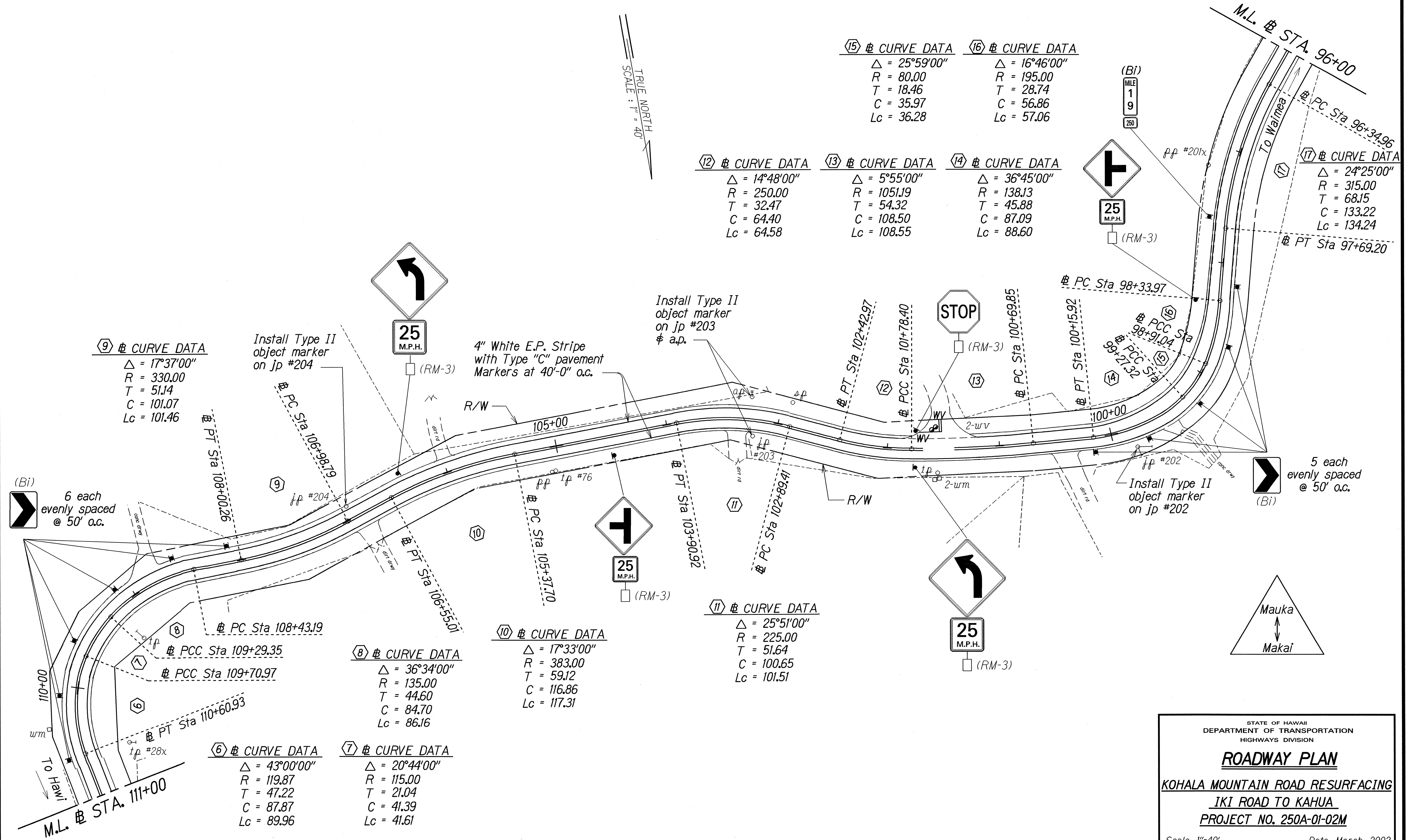
PROJECT NO. 250A-01-02M

Scale: 1"=40'

Date: March, 2002

SHEET No. 1 OF 16 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	250A-01-02M	2002	9	34



DATE	10/1/01
SURVEY PLOTTED BY	Y
DRIVEN BY	Y
DESIGNED BY	Y
CHECKED BY	Y
ORIGINAL PLAN	2001/10/01
NOTE BOOK	2001/10/01
DESIGNED BY	Y
CHECKED BY	Y
DATE	10/1/01

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

KOHALA MOUNTAIN ROAD RESURFACING

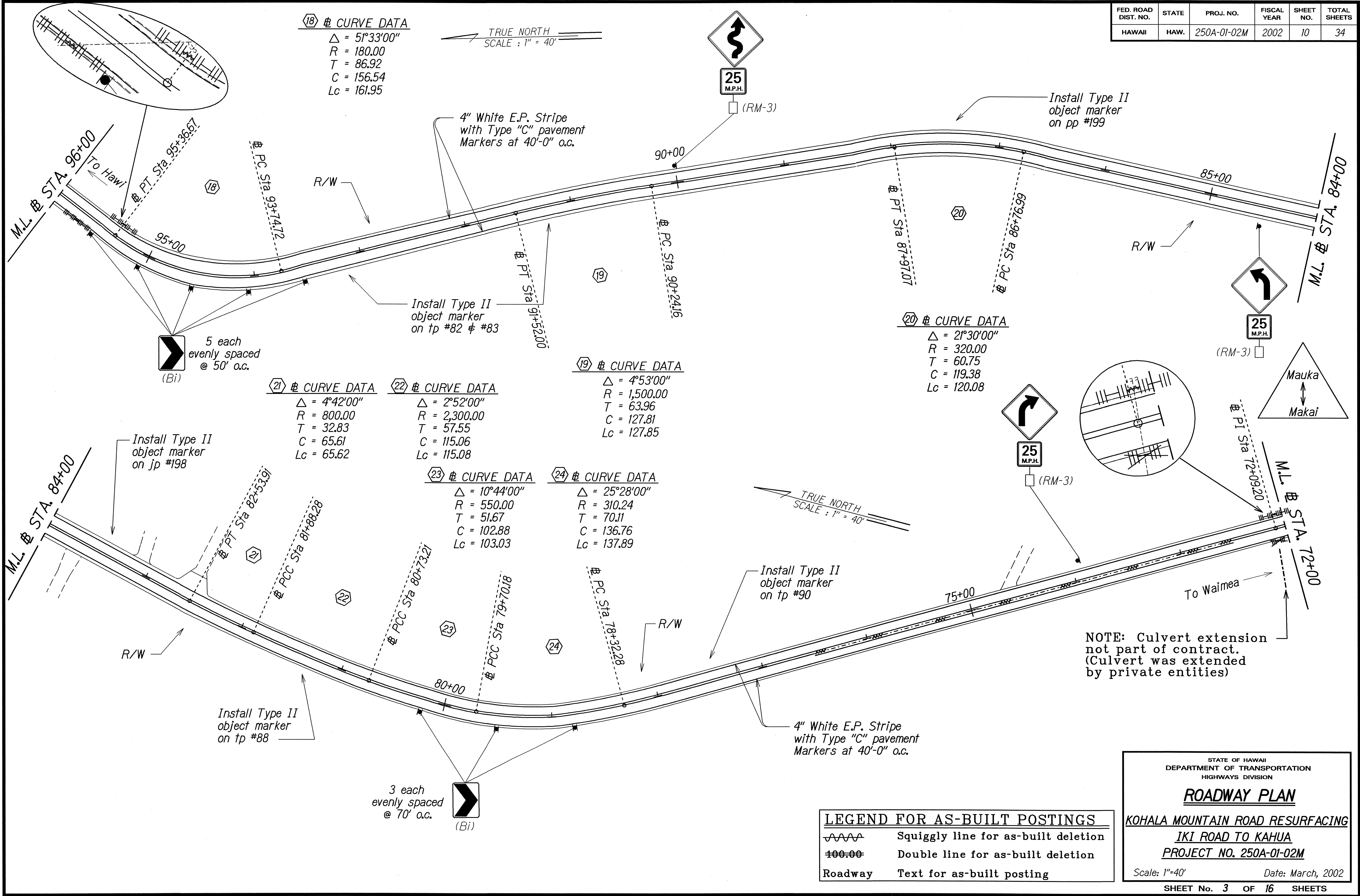
IKI ROAD TO KAHUA

PROJECT NO. 250A-01-02M

Scale: 1"=40' Date: March, 2002

SHEET No. 2 OF 16 SHEETS

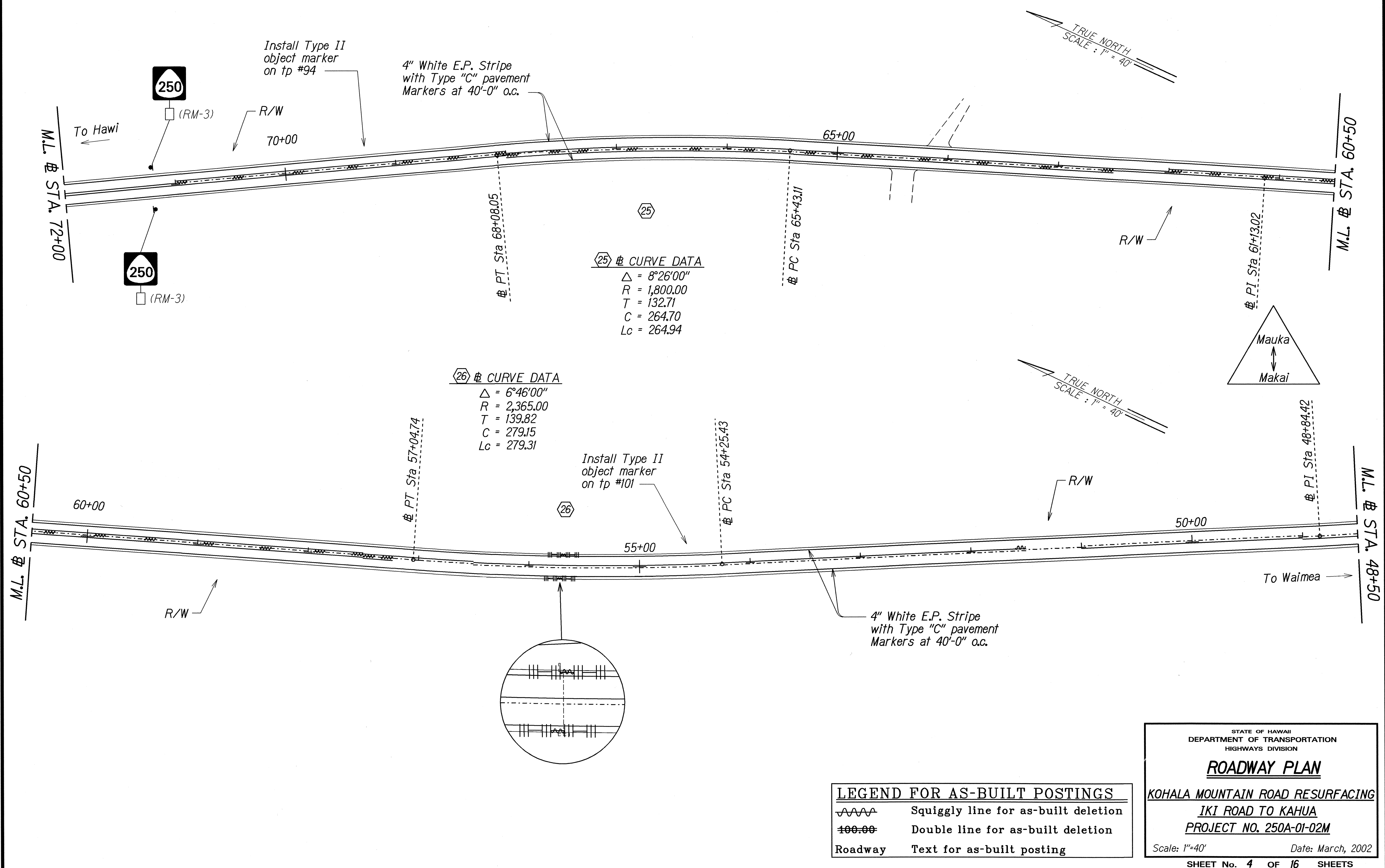
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	250A-01-02M	2002	10	34



SURVEY PLOTTED BY	DATE
DESIGNED BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	250A-01-02M	2002	11	34

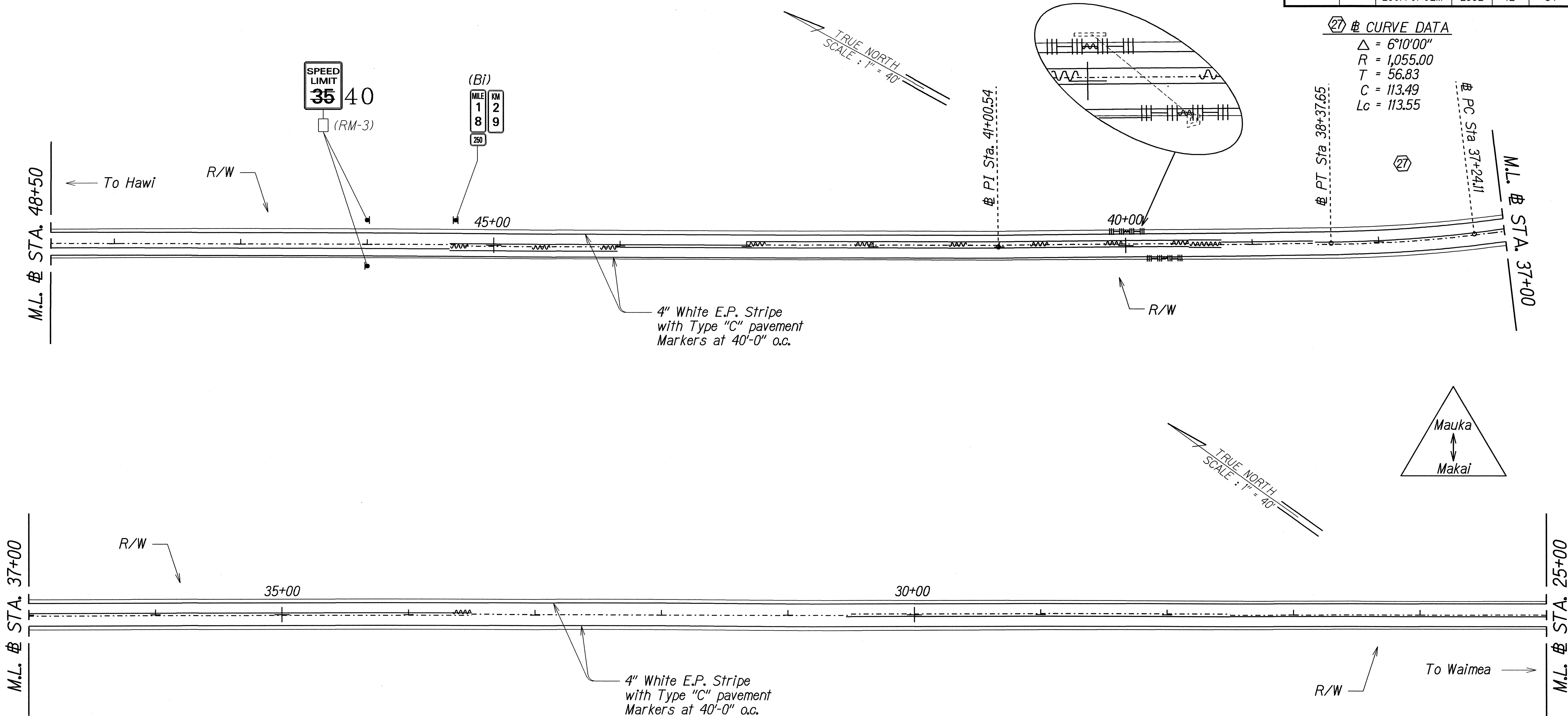


ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	250A-01-02M	2002	12	34

27 CURVE DATA
 $\Delta = 6^{\circ}10'00''$
 $R = 1,055.00$
 $T = 56.83$
 $C = 113.49$
 $L_c = 113.55$



DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
IN CHARGE	
NOTE BOOK	
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

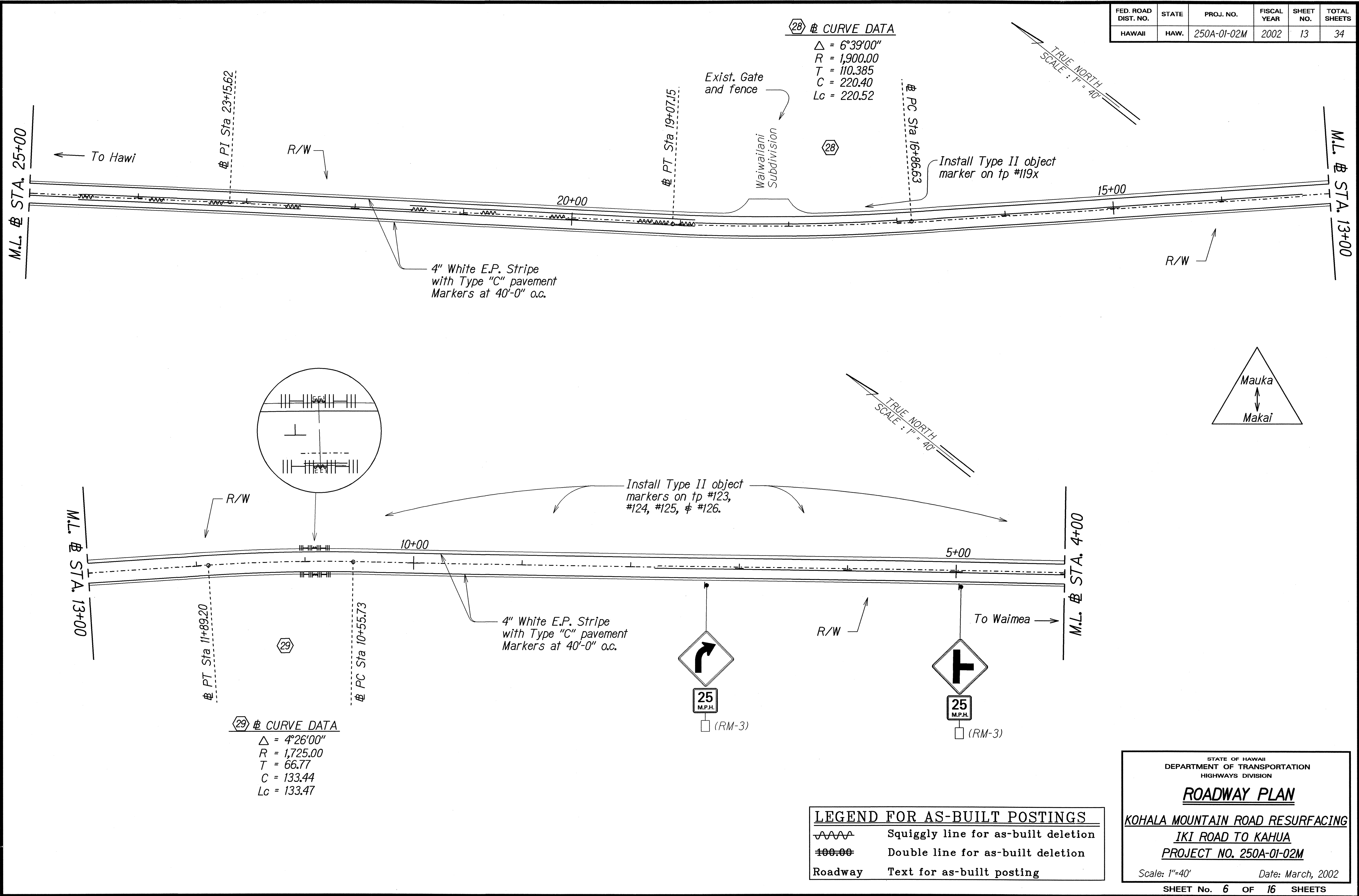
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

ROADWAY PLAN
 KOHALA MOUNTAIN ROAD RESURFACING
 IKI ROAD TO KAHUA
 PROJECT NO. 250A-01-02M
 Scale: 1"=40' Date: March, 2002

SHEET No. 5 OF 16 SHEETS

"AS-BUILT"

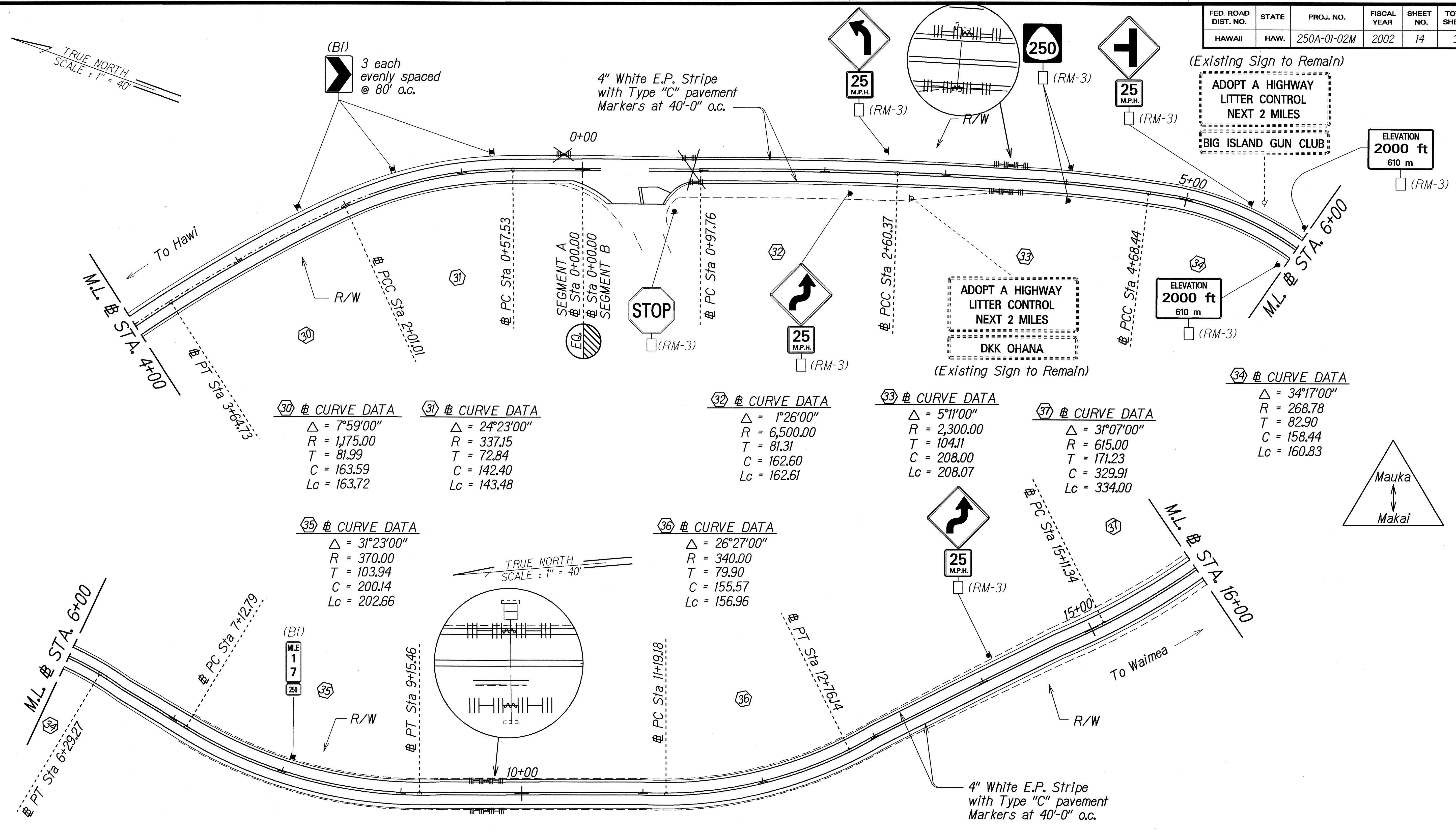
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	250A-01-02M	2002	13	34



ORIGINAL PLAN	DATE
DESIGNED BY	DATE
TRACED BY	DATE
NOTED BY	DATE
CHECKED BY	DATE

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	250A-01-02M	2002	14	34



Sta. 9+70 Lt. Grated Drop Inlet Apron
Clear, grade to drain, and pave 3 ft. on each side of existing grated drop inlet with 2" of A.C. Mix No. IV. Estimated quantity 2.0 tons. Paving work shall be paid for under Item No. 401.0400 - Asphalt Concrete Pavement, Mix No. IV. Clearing and grading shall be considered incidental to paving work. See note 14, sheet 3.

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

KOHALA MOUNTAIN ROAD RESURFACING
IKI ROAD TO KAHUA
PROJECT NO. 250A-01-02M

Scale: 1"=40' Date: March, 2002

SHEET No. 7 OF 16 SHEETS

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

"AS-BUILT"

27. SOURCE DATA

$\Delta = 31^{\circ}07'00''$

$$R = 615.00$$

$C = 329.91$ $R = 2,000.00$ $R = 335$

$L_c = 334.00$
 $I = 49.46$
 $C = 98.89$
 $I = 26.51$
 $C = 53.17$

/	$\frac{L_c}{L_c}$	$L_c = 98.90$	$L_c = 53.$
---	-------------------	---------------	-------------

2000 3 18 24



with Type "C" pavement

Markers at 40'-0" o.c.

$\Delta = 15^{\circ}56'00''$

$$R = 600.00$$



$L_c = 166.85$

$\frac{PT}{PT}$
 $\frac{28+}{28+}$
 $\frac{04}{04}$
 $\frac{LL}{LL}$
 $\frac{TH}{TH}$

$$\frac{7+5}{2} = 6$$

21

Sta.

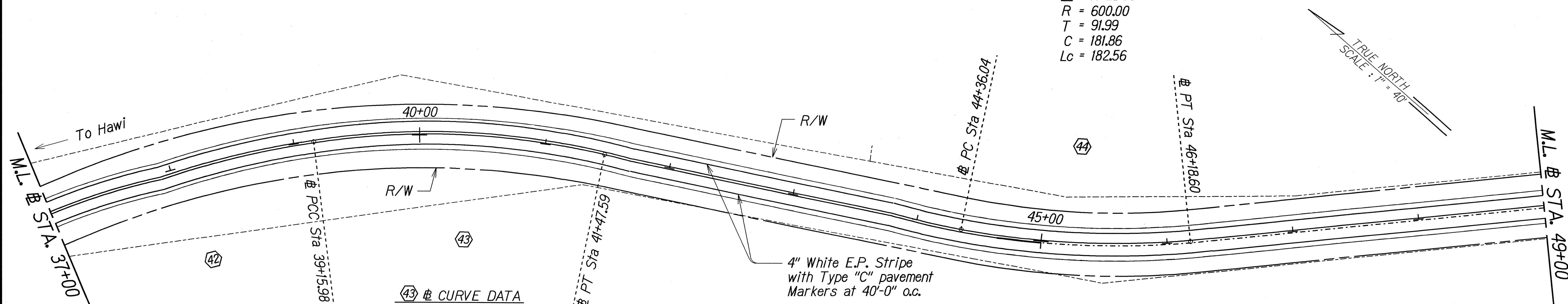
30+00

00

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	250A-01-02M	2002	16	34

44 CURVE DATA

$\Delta = 17^{\circ}26'00''$
 $R = 600.00$
 $T = 91.99$
 $C = 181.86$
 $Lc = 182.56$

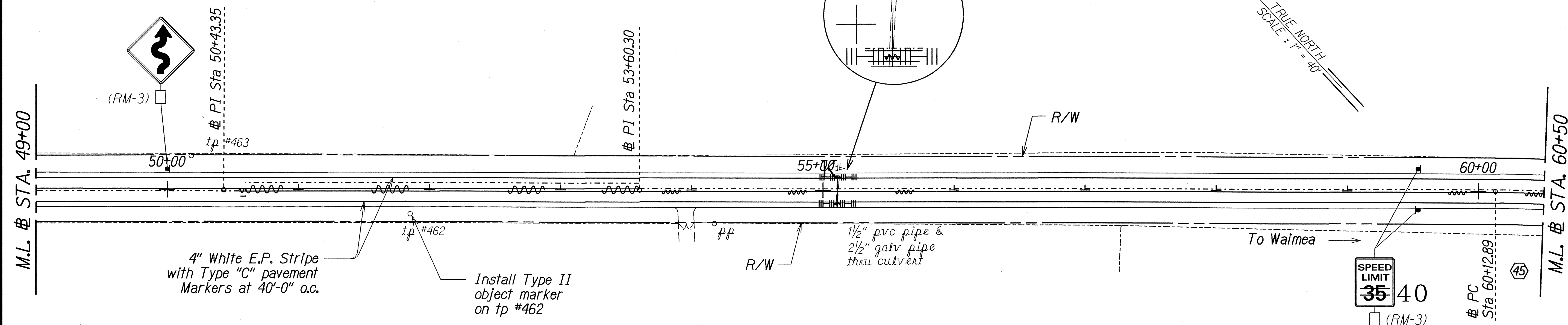


42 CURVE DATA

$\Delta = 16^{\circ}40'00''$
 $R = 775.00$
 $T = 113.52$
 $C = 224.64$
 $Lc = 225.44$

43 CURVE DATA

$\Delta = 18^{\circ}45'00''$
 $R = 707.75$
 $T = 116.85$
 $C = 230.58$
 $Lc = 231.61$



45 CURVE DATA

$\Delta = 8^{\circ}17'00''$
 $R = 900.00$
 $T = 65.17$
 $C = 130.00$
 $Lc = 130.11$

LEGEND FOR AS-BUILT POSTINGS

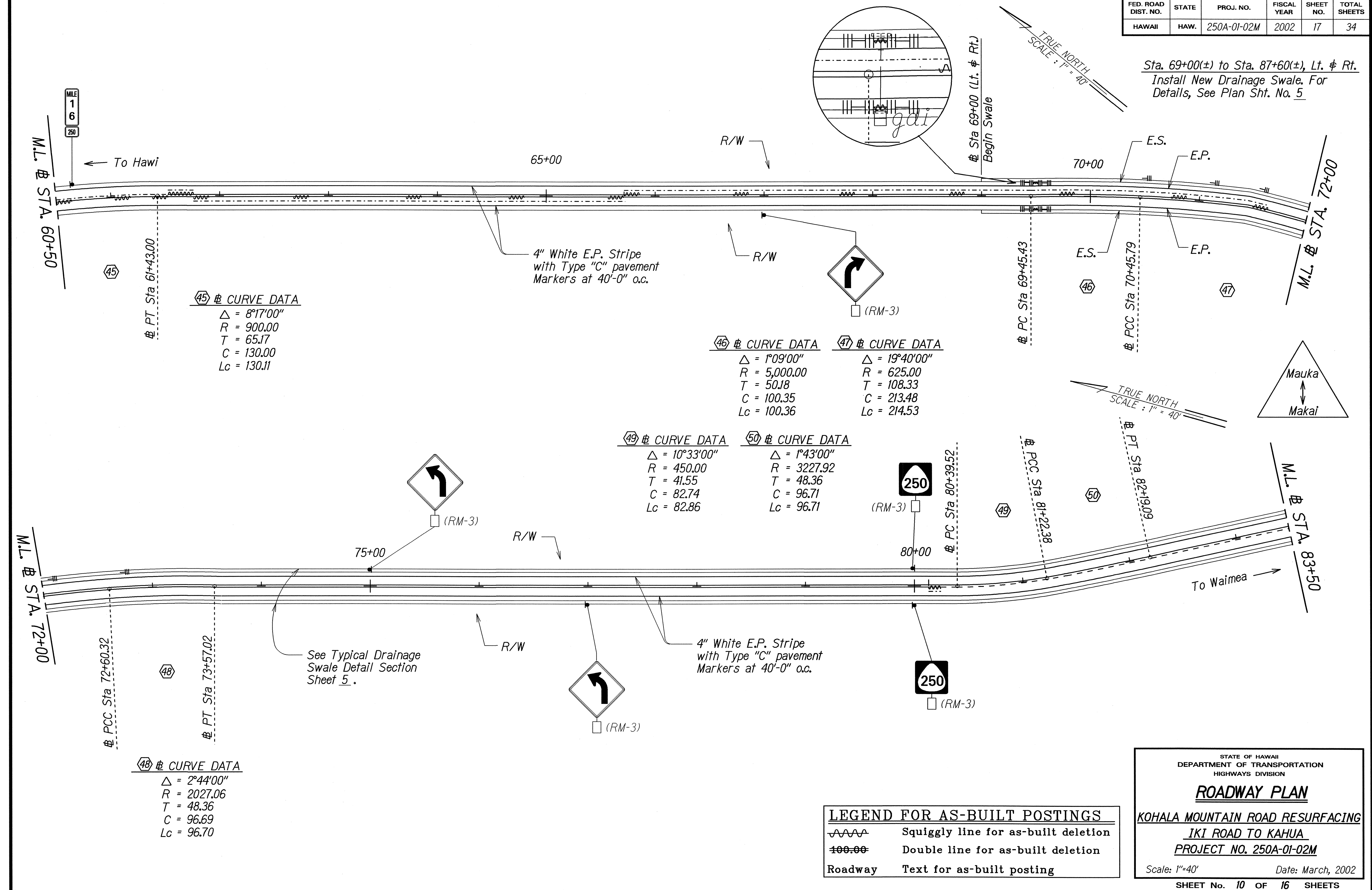
Wavy line Squiggly line for as-built deletion
 Double line Double line for as-built deletion
 Roadway Text for as-built posting

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
ROADWAY PLAN
 KOHALA MOUNTAIN ROAD RESURFACING
 IKI ROAD TO KAHUA
 PROJECT NO. 250A-01-02M
 Scale: 1"=40' Date: March, 2002
 SHEET No. 9 OF 16 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	250A-01-02M	2002	17	34

Sta. 69+00(±) to Sta. 87+60(±), Lt. & Rt.
Install New Drainage Swale. For Details, See Plan Sht. No. 5



STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

ROADWAY PLAN

KOHALA MOUNTAIN ROAD RESURFACING
IKI ROAD TO KAHUA
PROJECT NO. 250A-01-02M

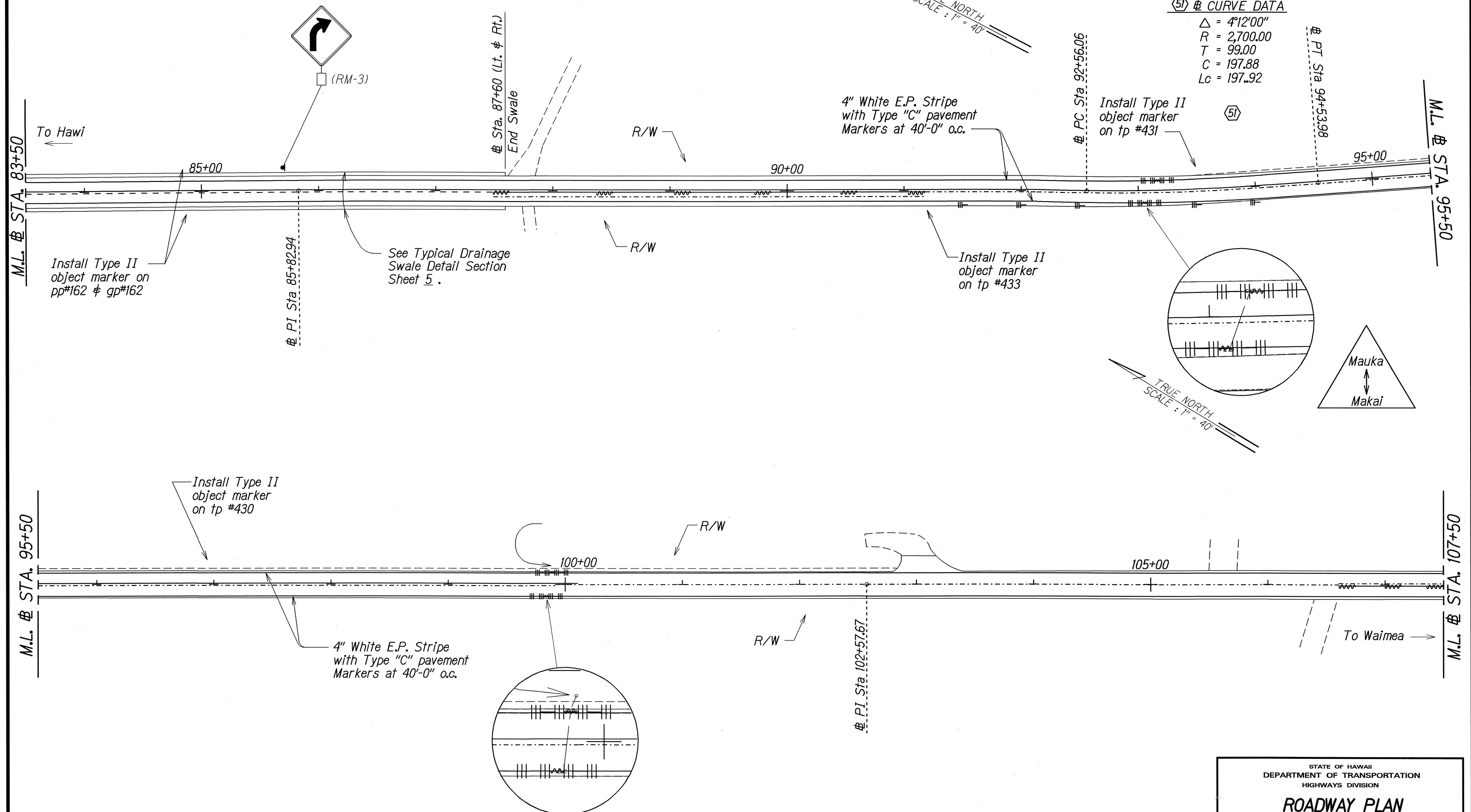
Scale: 1"=40' Date: March, 2002

SHEET No. 10 OF 16 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	250A-01-02M	2002	18	34

(51) # CURVE DATA
 $\Delta = 4^{\circ}12'00''$
 $R = 2,700.00$
 $T = 99.00$
 $C = 197.88$
 $Lc = 197.92$



ORIGINAL PLANS	DATE
DESIGNED BY	
TRACED 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

ROADWAY PLAN

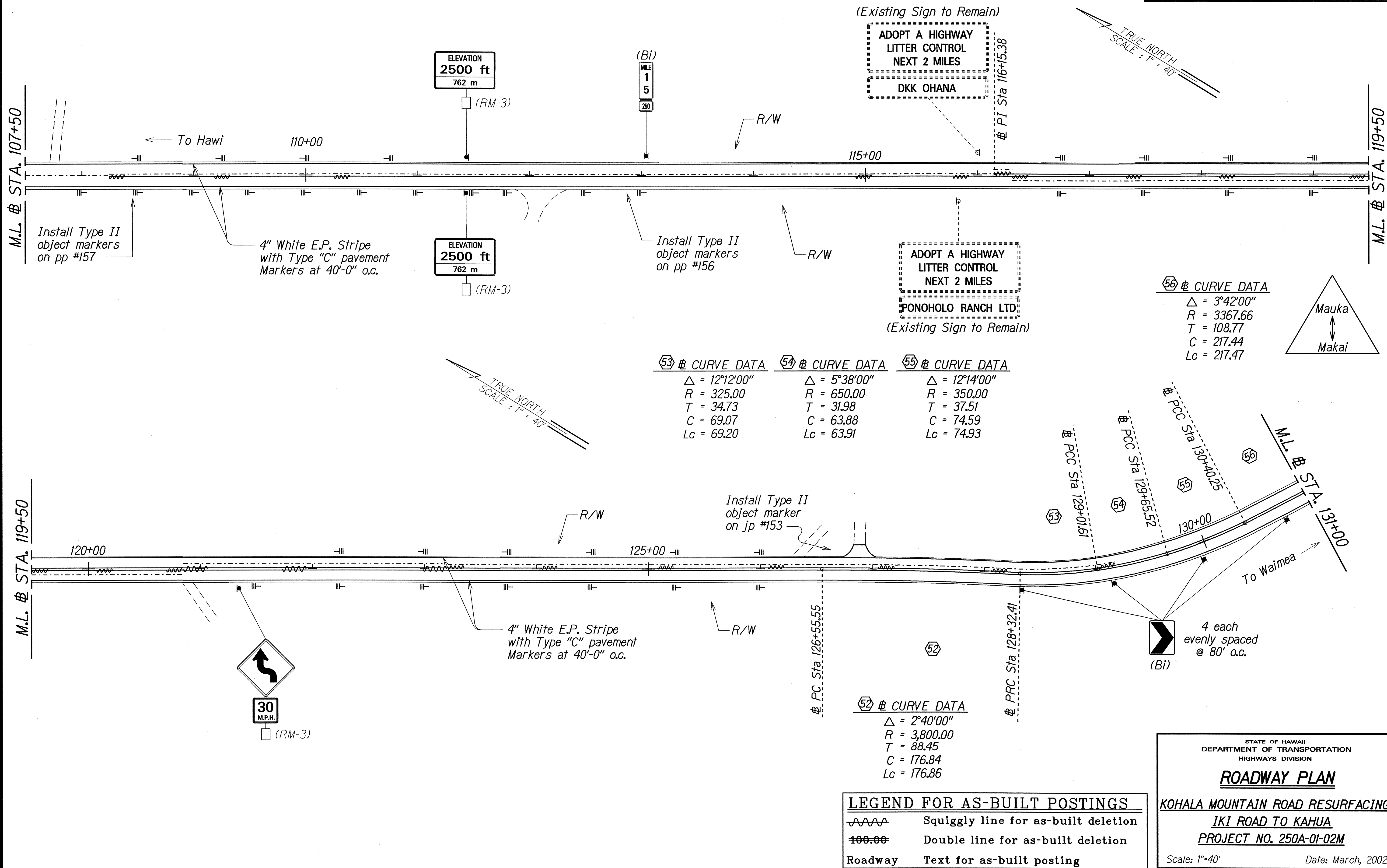
KOHALA MOUNTAIN ROAD RESURFACING
IKI ROAD TO KAHUA
PROJECT NO. 250A-01-02M

Scale: 1"=40' Date: March, 2002

SHEET No. 11 OF 16 SHEETS

"AS-BUILT"

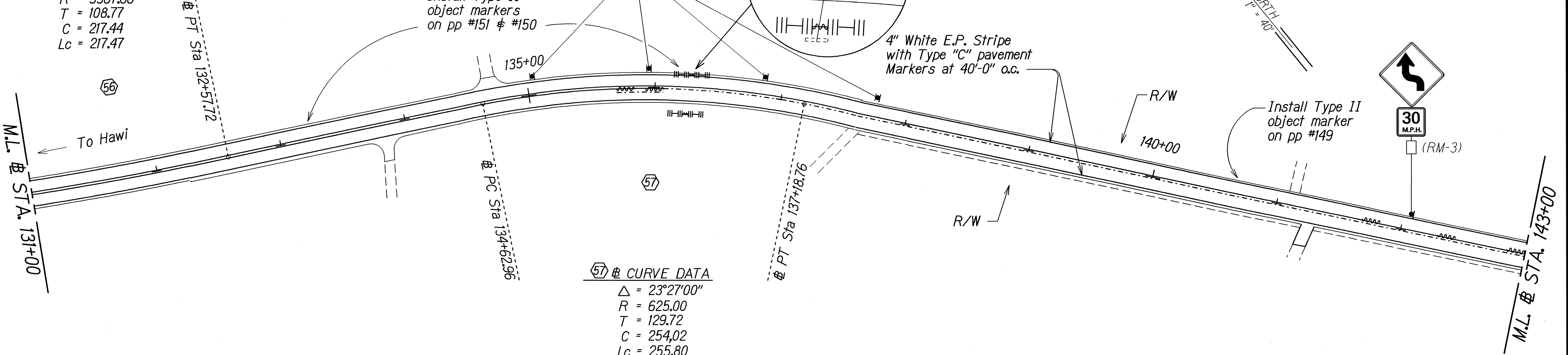
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	250A-01-02M	2002	19	34



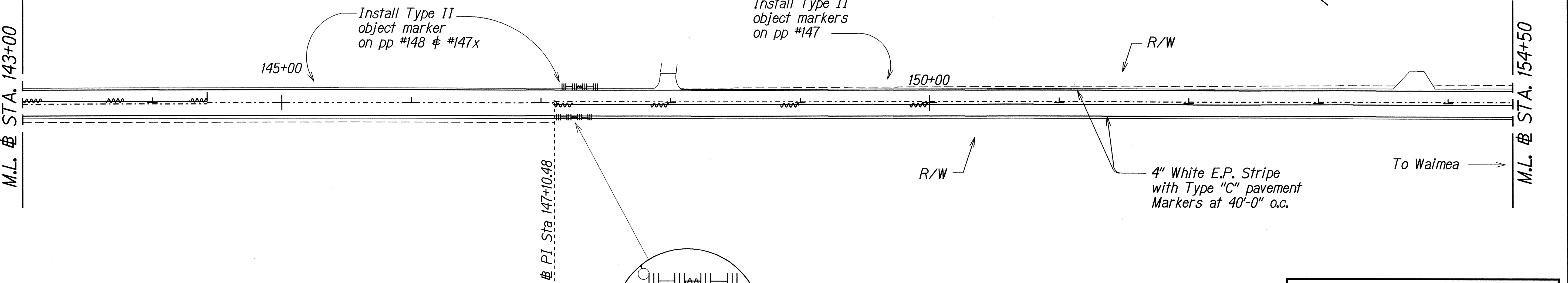
"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	250A-01-02M	2002	20	34

56 CURVE DATA
 $\Delta = 3^{\circ}42'00''$
 $R = 3367.66$
 $T = 108.77$
 $C = 217.44$
 $Lc = 217.47$



57 CURVE DATA
 $\Delta = 23^{\circ}27'00''$
 $R = 625.00$
 $T = 129.72$
 $C = 254.02$
 $Lc = 255.80$



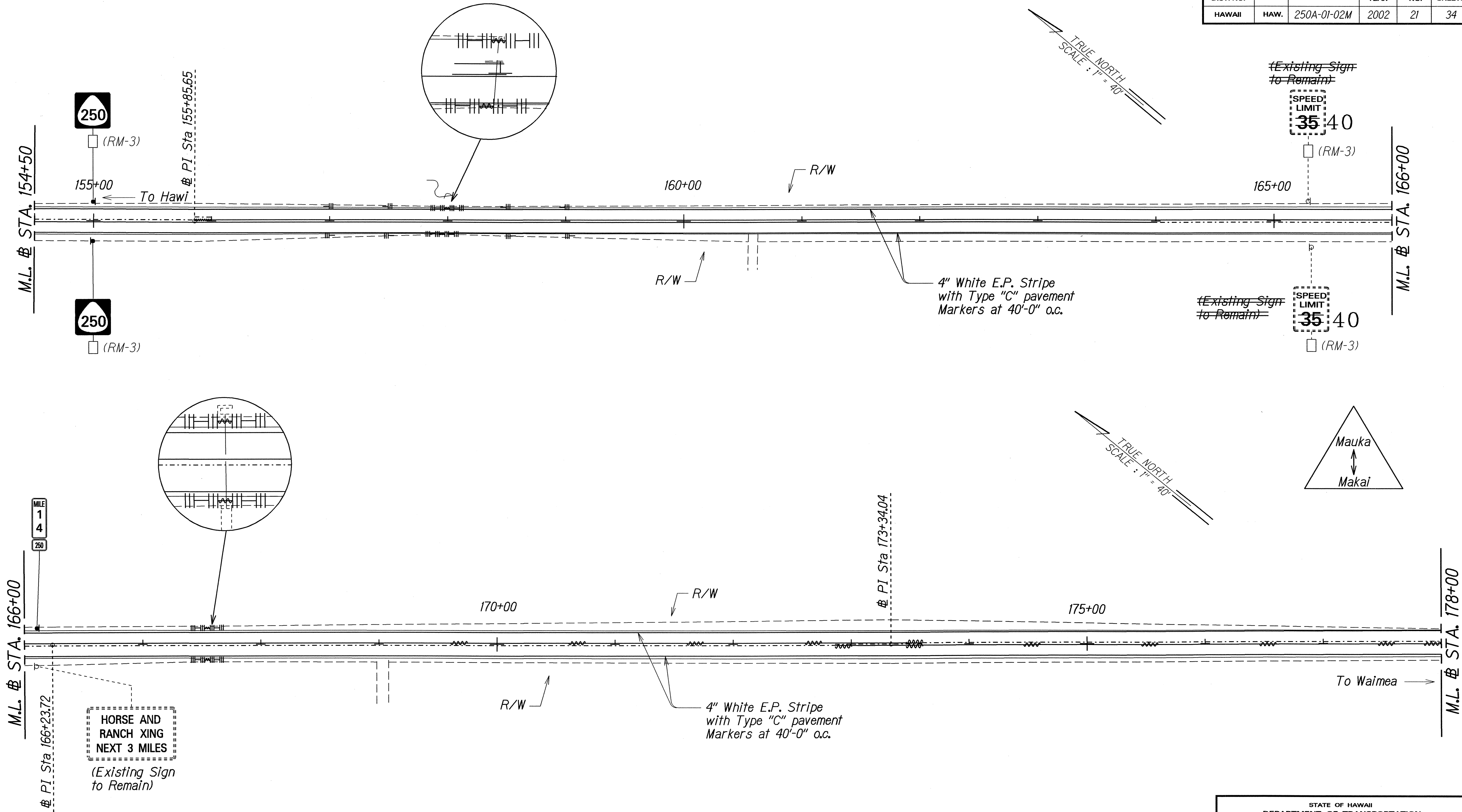
ORIGINAL PLAN	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
IN CHARGE	

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
KOHALA MOUNTAIN ROAD RESURFACING
IKI ROAD TO KAHUA
PROJECT NO. 250A-01-02M
Scale: 1"=40'
Date: March, 2002

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	250A-01-02M	2002	21	34



ORIGINAL	DATE
DESIGNED BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE
IN CHARGE	DATE

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

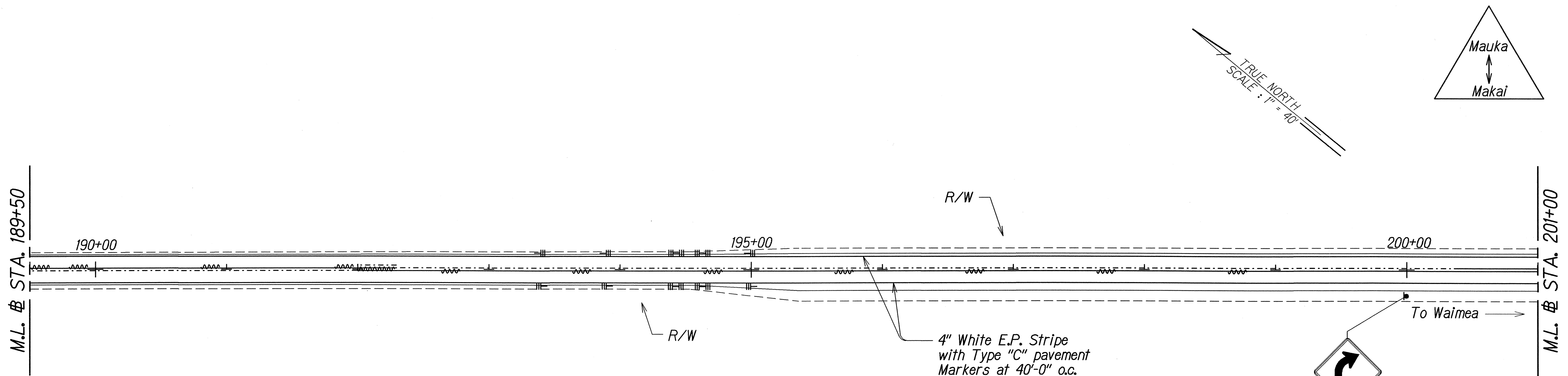
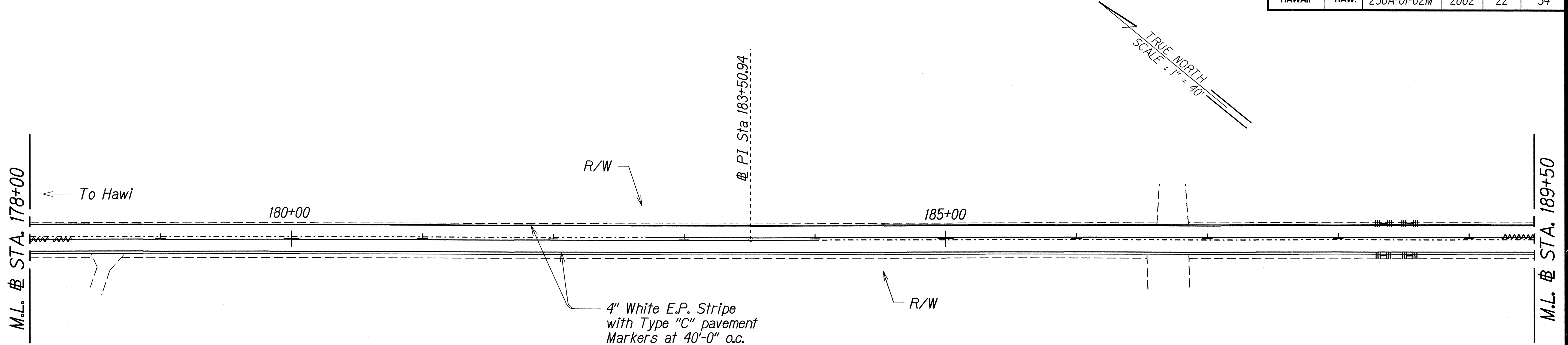
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN
KOHALA MOUNTAIN ROAD RESURFACING
IKI ROAD TO KAHUA
PROJECT NO. 250A-01-02M
Scale: 1"=40' Date: March, 2002

SHEET No. 14 OF 16 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	250A-01-02M	2002	22	34



ORIGINAL PLAN	DATE
DESIGNED BY	
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
REVISIONS	

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

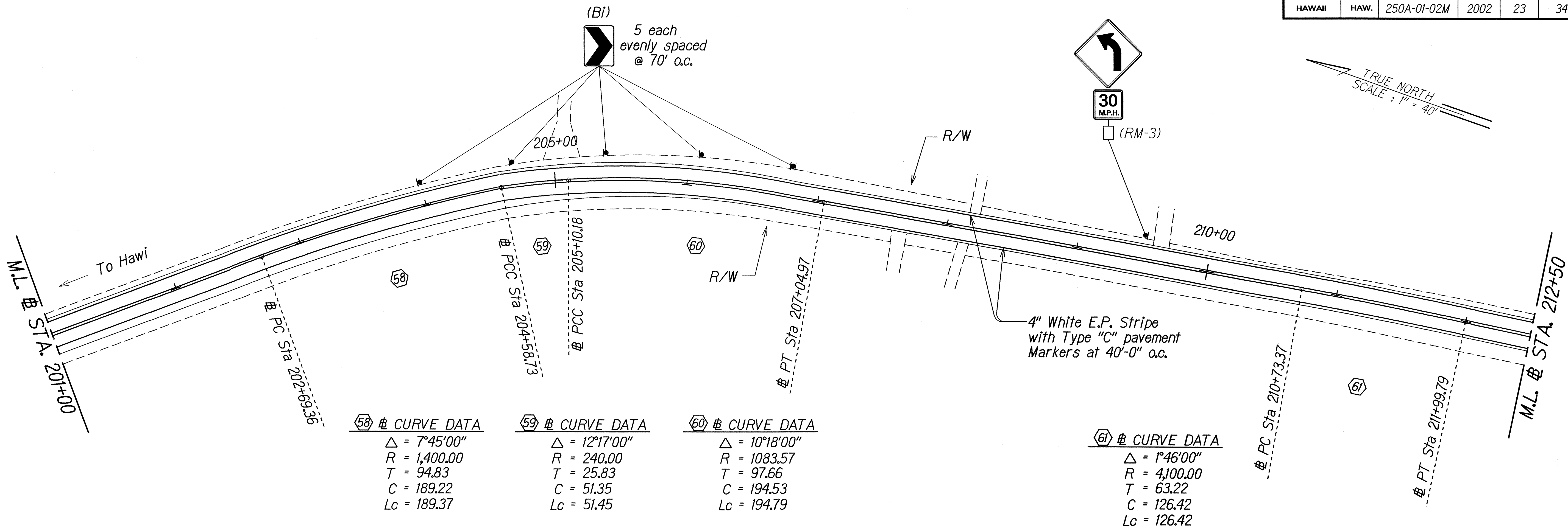
KOHALA MOUNTAIN ROAD RESURFACING
IKI ROAD TO KAHUA
PROJECT NO. 250A-01-02M

Scale: 1"=40' Date: March, 2002

SHEET No. 15 OF 16 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	250A-01-02M	2002	23	34



58 CURVE DATA

Δ	= 7°45'00"
R	= 1,400.00
T	= 94.83
C	= 189.22
Lc	= 189.37

59 CURVE DATA

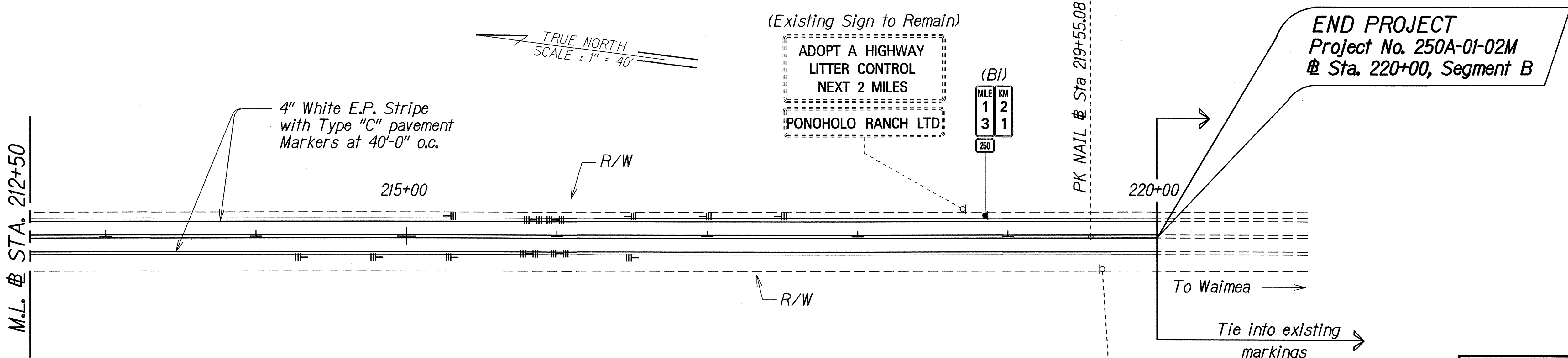
Δ	= 12°17'00"
R	= 240.00
T	= 25.83
C	= 51.35
Lc	= 51.45

60 CURVE DATA

Δ	= 10°18'00"
R	= 1083.57
T	= 97.66
C	= 194.53
Lc	= 194.79

61 CURVE DATA

Δ	= 1°46'00"
R	= 4,100.00
T	= 63.22
C	= 126.42
Lc	= 126.42



DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
IN CHARGE	
NOTED 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

ADOPT A HIGHWAY
LITTER CONTROL
NEXT 2 MILES
KAMUELA SPORTING GOODS
(Existing Sign to Remain)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

KOHALA MOUNTAIN ROAD RESURFACING
IKI ROAD TO KAHUA
PROJECT NO. 250A-01-02M

Scale: 1"=40' Date: March, 2002

SHEET No. 16 OF 16 SHEETS

"AS-BUILT"