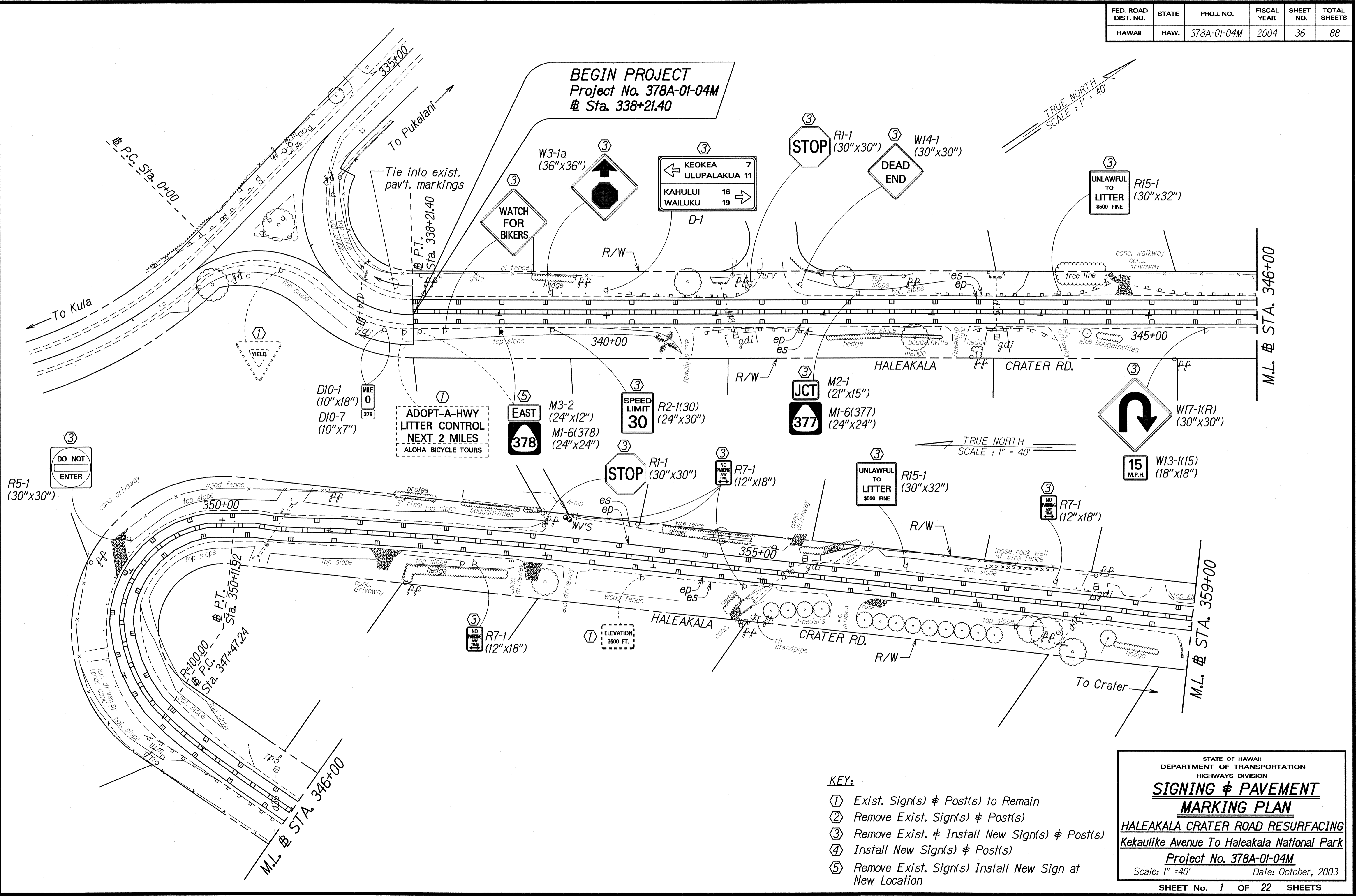


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-01-04M	2004	36	88



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

- KEY:**
- ① Exist. Sign(s) & Post(s) to Remain
  - ② Remove Exist. Sign(s) & Post(s)
  - ③ Remove Exist. & Install New Sign(s) & Post(s)
  - ④ Install New Sign(s) & Post(s)
  - ⑤ Remove Exist. Sign(s) Install New Sign at New Location

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

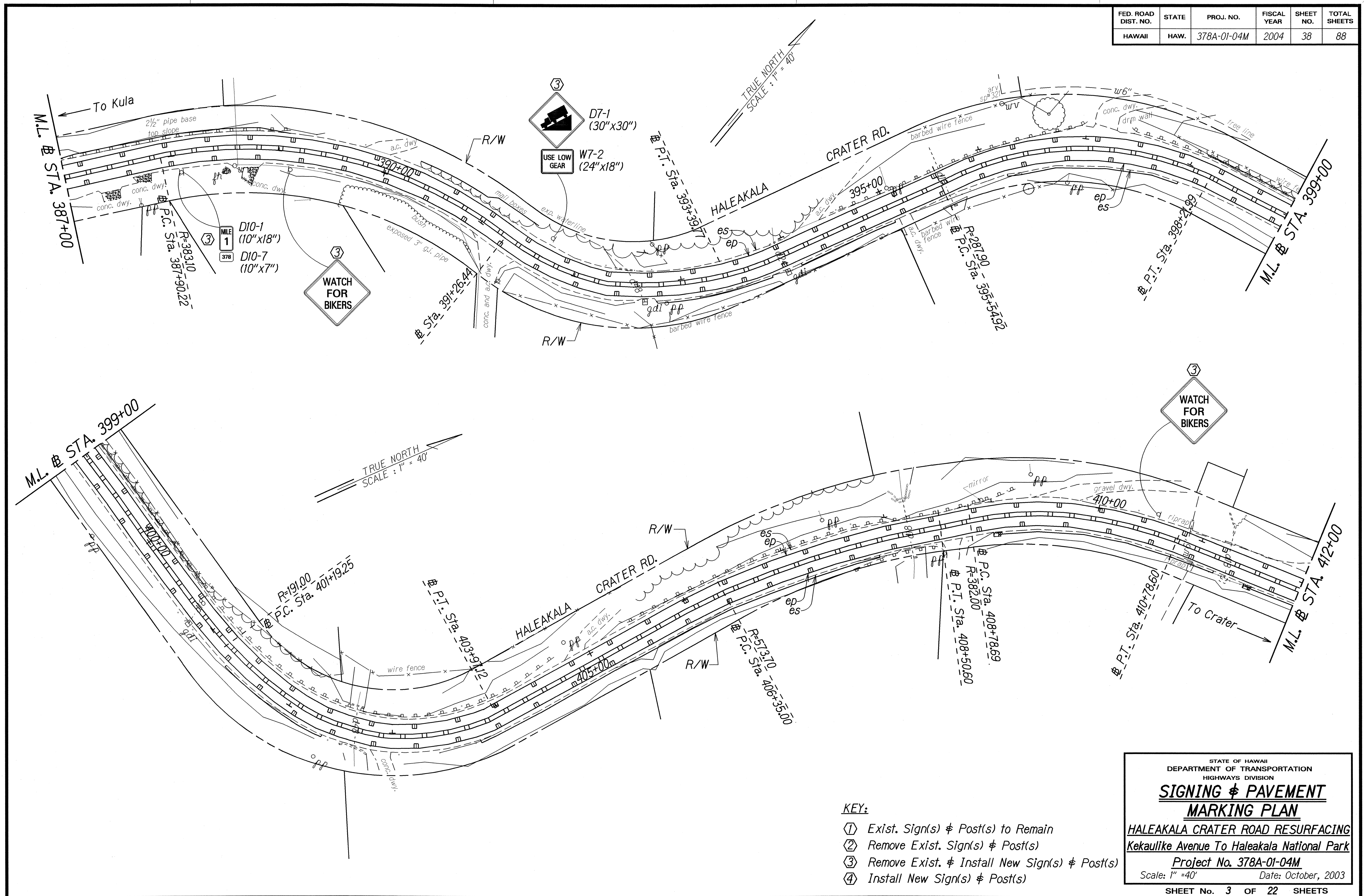
**SIGNING & PAVEMENT  
MARKING PLAN**

**HALEAKALA CRATER ROAD RESURFACING**  
Kekaulike Avenue To Haleakala National Park  
Project No. 378A-01-04M  
Scale: 1" = 40' Date: October, 2003

SHEET No. 1 OF 22 SHEETS



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-01-04M	2004	38	88



DATE	
SURVEY PLOTTED BY	
DRAWN BY	
TRACED BY	
DESIGNED BY	
CONSULTED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
FILED BY	
CHECKED BY	

- KEY:**
- ① Exist. Sign(s) & Post(s) to Remain
  - ② Remove Exist. Sign(s) & Post(s)
  - ③ Remove Exist. & Install New Sign(s) & Post(s)
  - ④ Install New Sign(s) & Post(s)

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

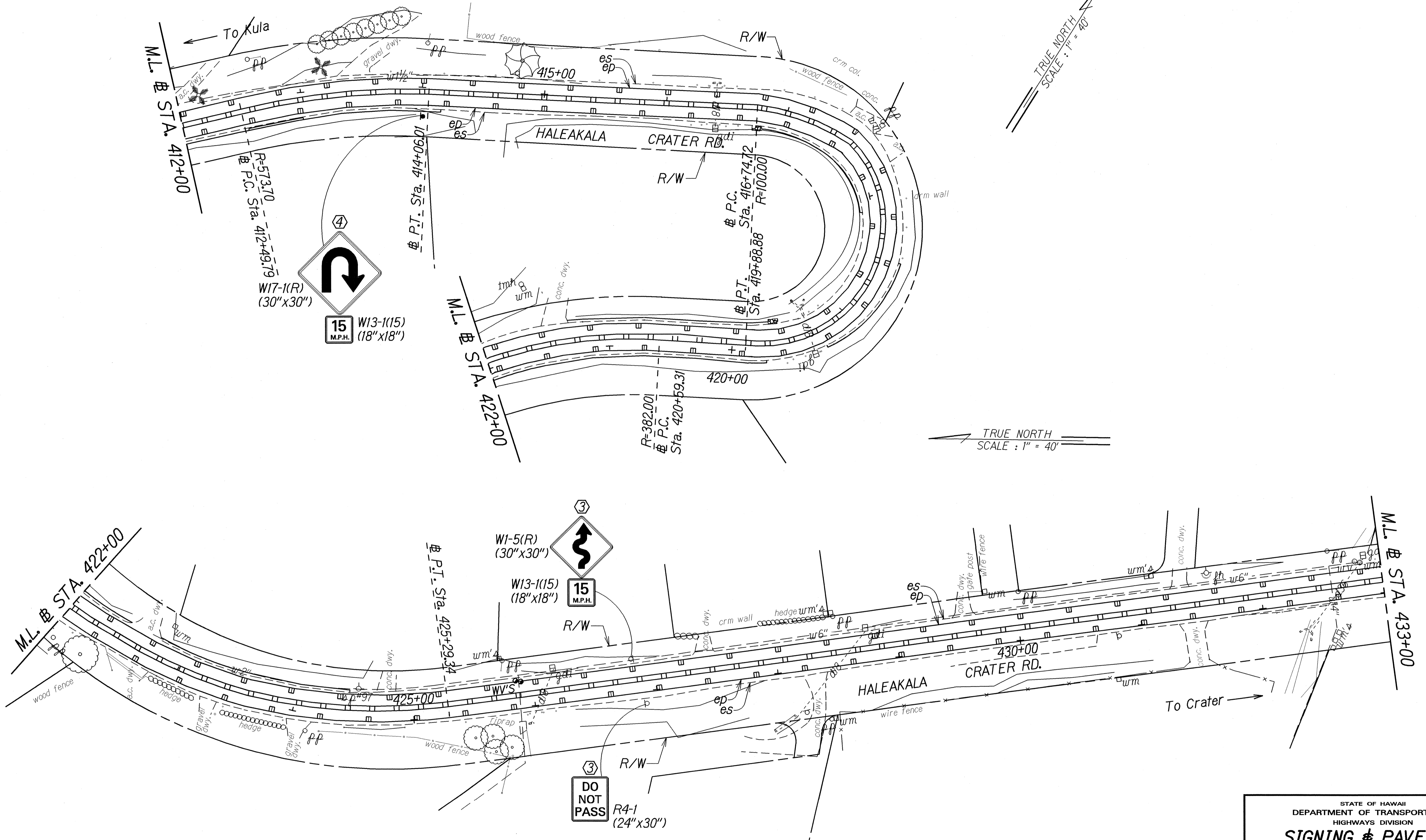
**SIGNING & PAVEMENT  
MARKING PLAN**

**HALEAKALA CRATER ROAD RESURFACING**  
Kekaulike Avenue To Haleakala National Park

Project No. 378A-01-04M  
Scale: 1" = 40'      Date: October, 2003

SHEET No. 3 OF 22 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-01-04M	2004	39	88



DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
DESIGNED BY	_____
CHECKED BY	_____
NOTE BOOK	_____
_____	_____
_____	_____

- KEY:**
- ① Exist. Sign(s) & Post(s) to Remain
  - ② Remove Exist. Sign(s) & Post(s)
  - ③ Remove Exist. & Install New Sign(s) & Post(s)
  - ④ Install New Sign(s) & Post(s)

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

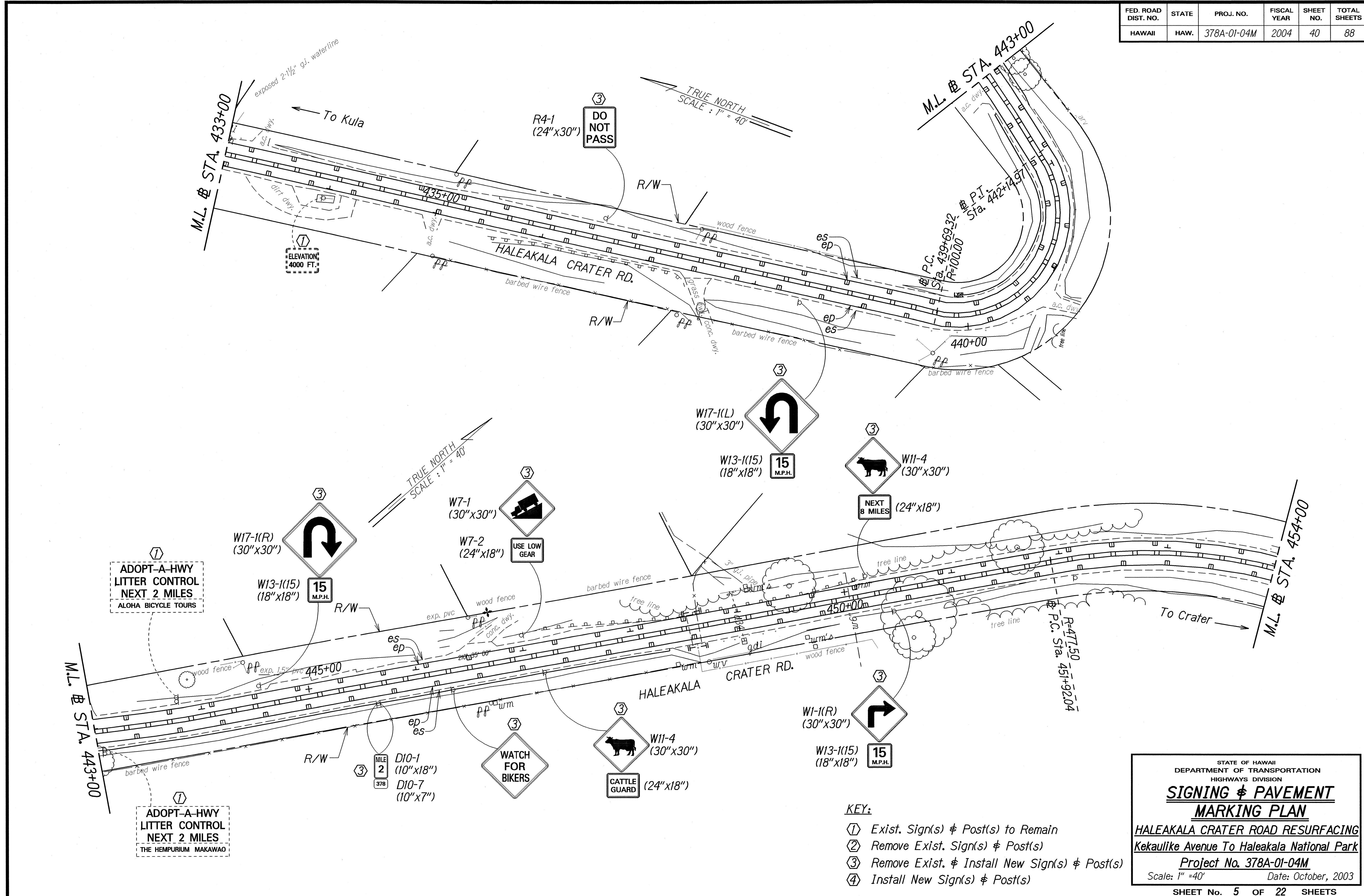
**SIGNING & PAVEMENT  
MARKING PLAN**

HALEAKALA CRATER ROAD RESURFACING  
Kekaulike Avenue To Haleakala National Park

Project No. 378A-01-04M  
Scale: 1" = 40'      Date: October, 2003

SHEET No. 4 OF 22 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-01-04M	2004	40	88



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

ADOPT-A-HWY  
LITTER CONTROL  
NEXT 2 MILES  
ALOHA BICYCLE TOURS

ADOPT-A-HWY  
LITTER CONTROL  
NEXT 2 MILES  
THE HEMPURUM MAKAWAO

- KEY:**
- ① Exist. Sign(s) & Post(s) to Remain
  - ② Remove Exist. Sign(s) & Post(s)
  - ③ Remove Exist. & Install New Sign(s) & Post(s)
  - ④ Install New Sign(s) & Post(s)

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

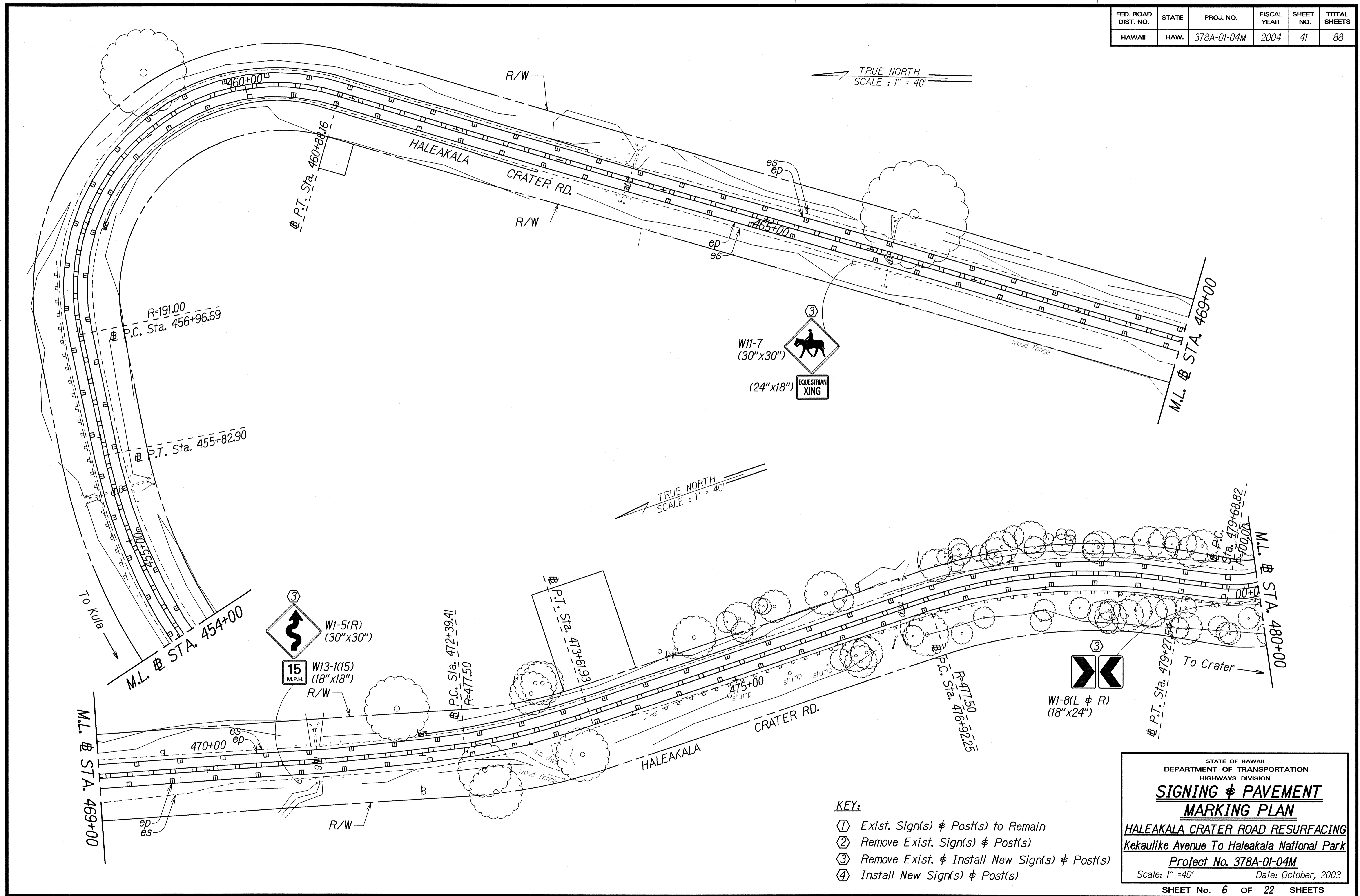
**SIGNING & PAVEMENT  
MARKING PLAN**

**HALEAKALA CRATER ROAD RESURFACING**  
Kekaulike Avenue To Haleakala National Park

Project No. 378A-01-04M  
Scale: 1" = 40' Date: October, 2003

SHEET No. 5 OF 22 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-01-04M	2004	41	88



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

- KEY:**
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  - ② Remove Exist. Sign(s) & Post(s)
  - ③ Remove Exist. & Install New Sign(s) & Post(s)
  - ④ Install New Sign(s) & Post(s)

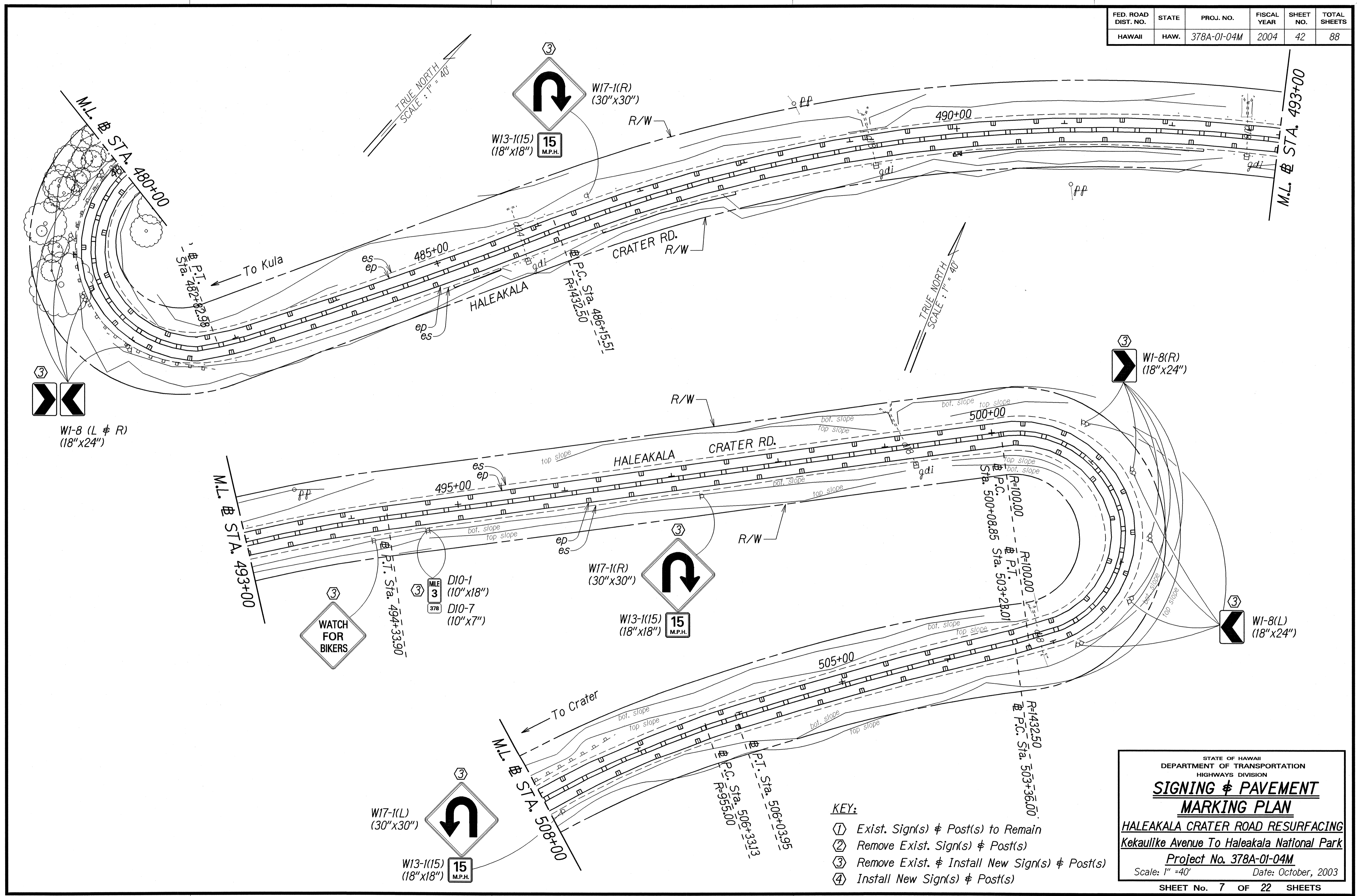
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING & PAVEMENT MARKING PLAN**

**HALEAKALA CRATER ROAD RESURFACING**  
Kekaulike Avenue To Haleakala National Park

Project No. 378A-01-04M  
Scale: 1" = 40' Date: October, 2003

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-01-04M	2004	42	88



W1-8 (L & R)  
(18"x24")

WATCH FOR BIKERS

MILE 3  
D10-1 (10"x18")  
D10-7 (10"x7")

- KEY:**
- ① Exist. Sign(s) & Post(s) to Remain
  - ② Remove Exist. Sign(s) & Post(s)
  - ③ Remove Exist. & Install New Sign(s) & Post(s)
  - ④ Install New Sign(s) & Post(s)

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

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

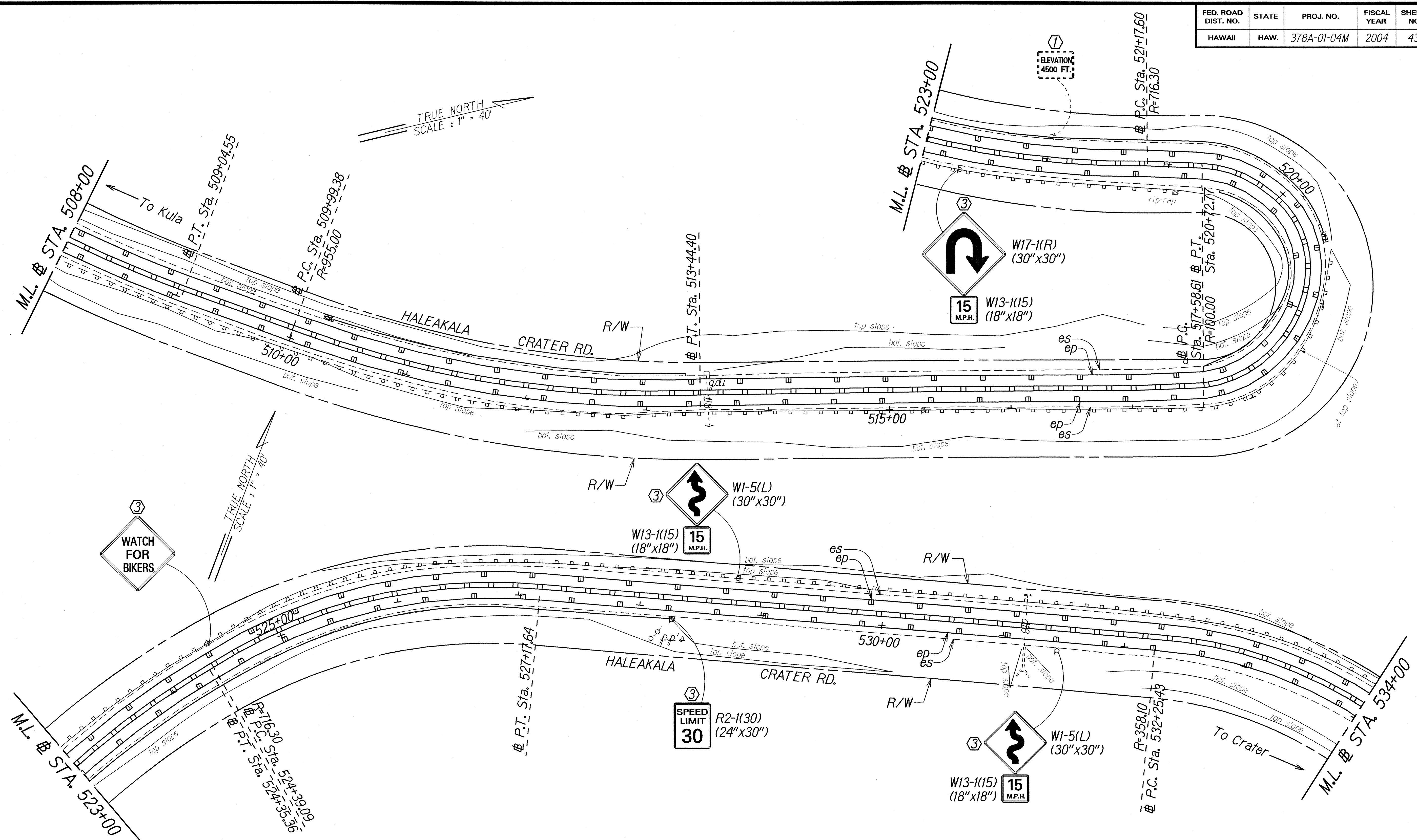
**SIGNING & PAVEMENT MARKING PLAN**

HALEAKALA CRATER ROAD RESURFACING  
Kekaulike Avenue To Haleakala National Park

Project No. 378A-01-04M  
Scale: 1" = 40' Date: October, 2003

SHEET No. 7 OF 22 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-01-04M	2004	43	88



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

- KEY:**
- ① Exist. Sign(s) & Post(s) to Remain
  - ② Remove Exist. Sign(s) & Post(s)
  - ③ Remove Exist. & Install New Sign(s) & Post(s)
  - ④ Install New Sign(s) & Post(s)

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

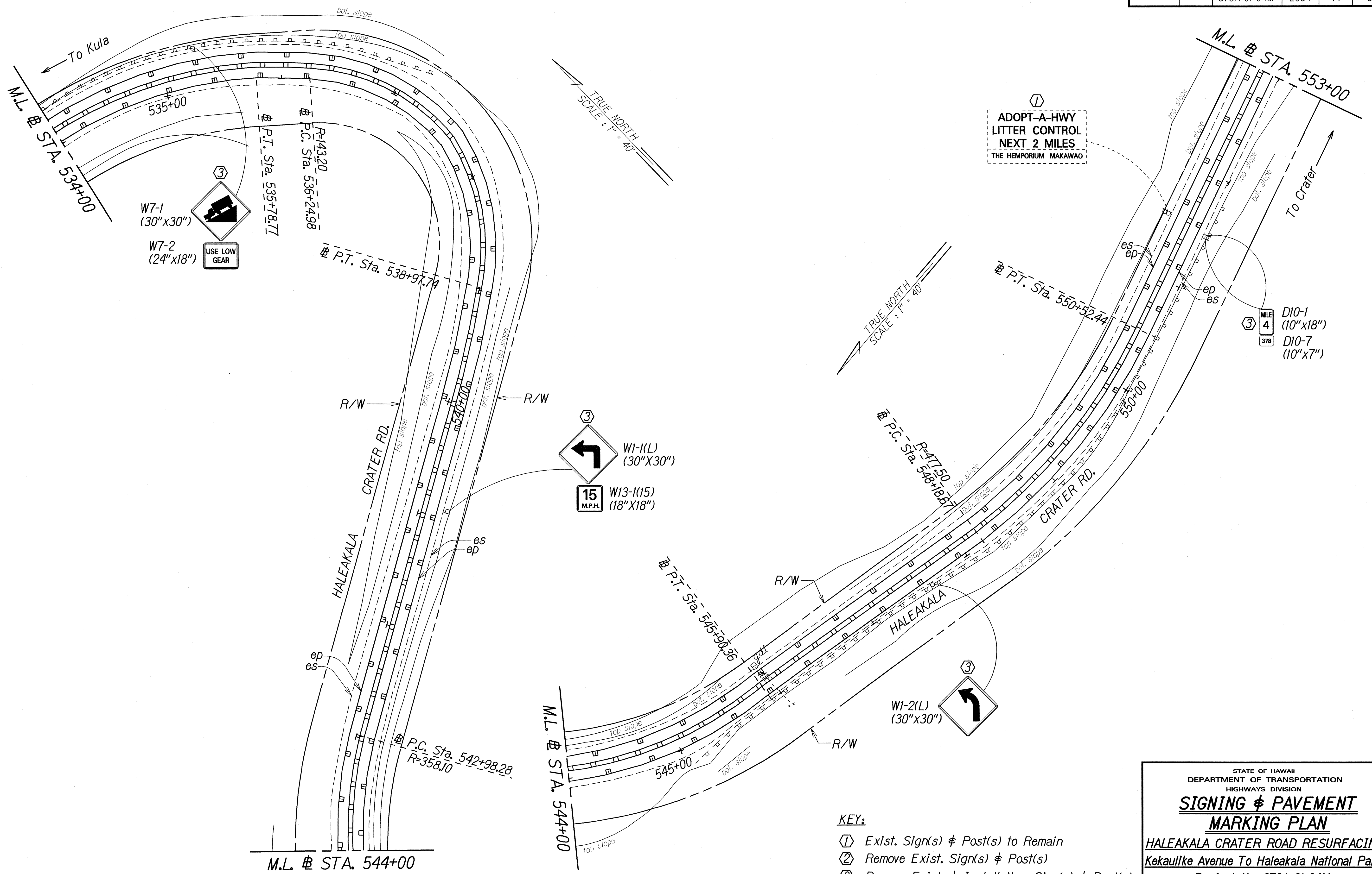
**SIGNING & PAVEMENT  
MARKING PLAN**

**HALEAKALA CRATER ROAD RESURFACING**  
Kekaulike Avenue To Haleakala National Park

Project No. 378A-01-04M  
Scale: 1" = 40'      Date: October, 2003

SHEET No. 8 OF 22 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-01-04M	2004	44	88



ADOPT-A-HWY  
LITTER CONTROL  
NEXT 2 MILES  
THE HEMPORIUM MAKAWAO

MILE 4  
D10-1 (10"x18")  
D10-7 (10"x7")

W1-1(L) (30"x30")  
W13-1(15) (18"x18")  
15 M.P.H.

W1-2(L) (30"x30")

- KEY:
- ① Exist. Sign(s) & Post(s) to Remain
  - ② Remove Exist. Sign(s) & Post(s)
  - ③ Remove Exist. & Install New Sign(s) & Post(s)
  - ④ Install New Sign(s) & Post(s)

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

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

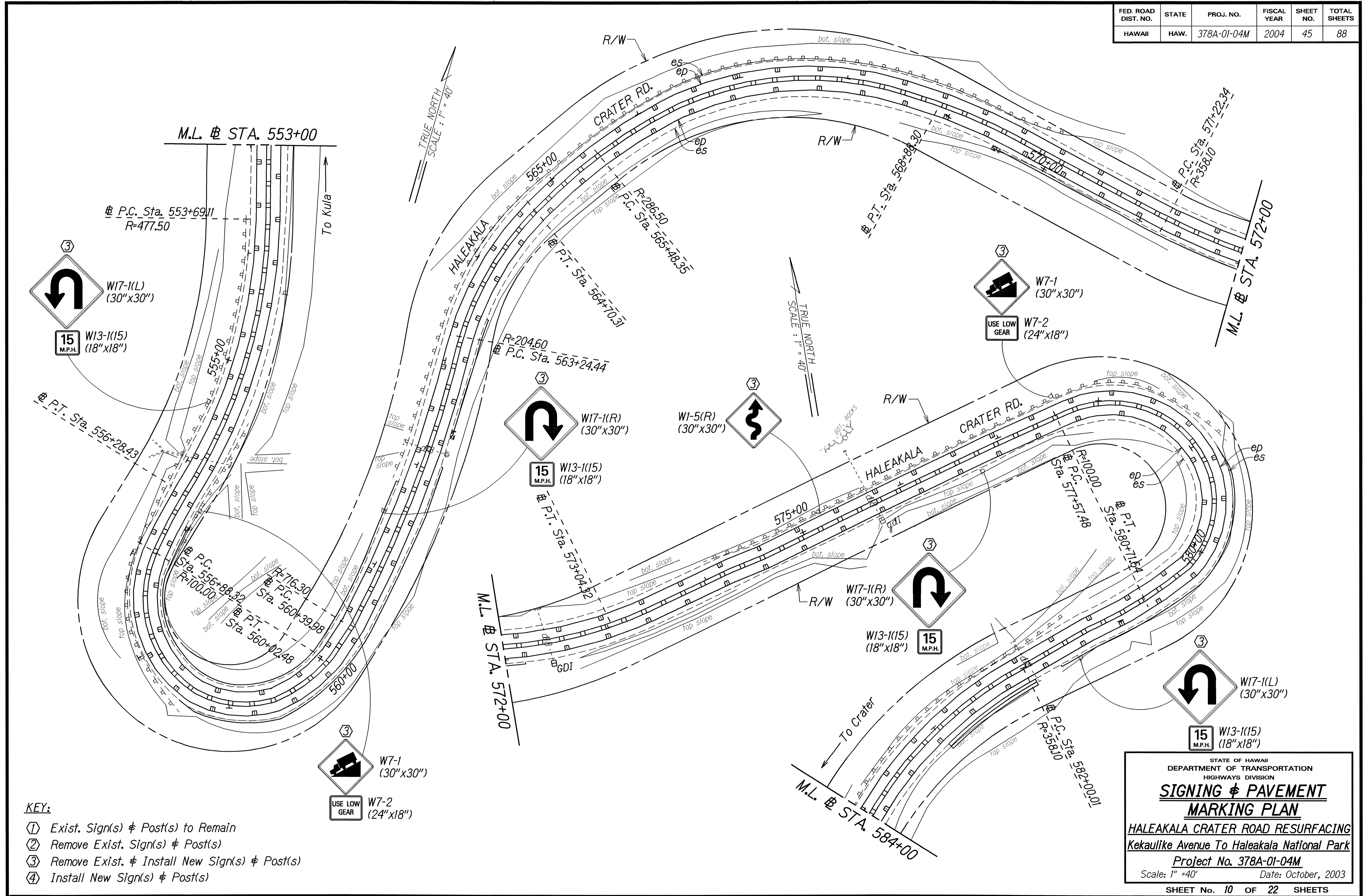
**SIGNING & PAVEMENT  
MARKING PLAN**

**HALEAKALA CRATER ROAD RESURFACING**  
Kekaulike Avenue To Haleakala National Park

Project No. 378A-01-04M  
Scale: 1" = 40' Date: October, 2003

SHEET No. 9 OF 22 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-01-04M	2004	45	88



- KEY:**
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SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	

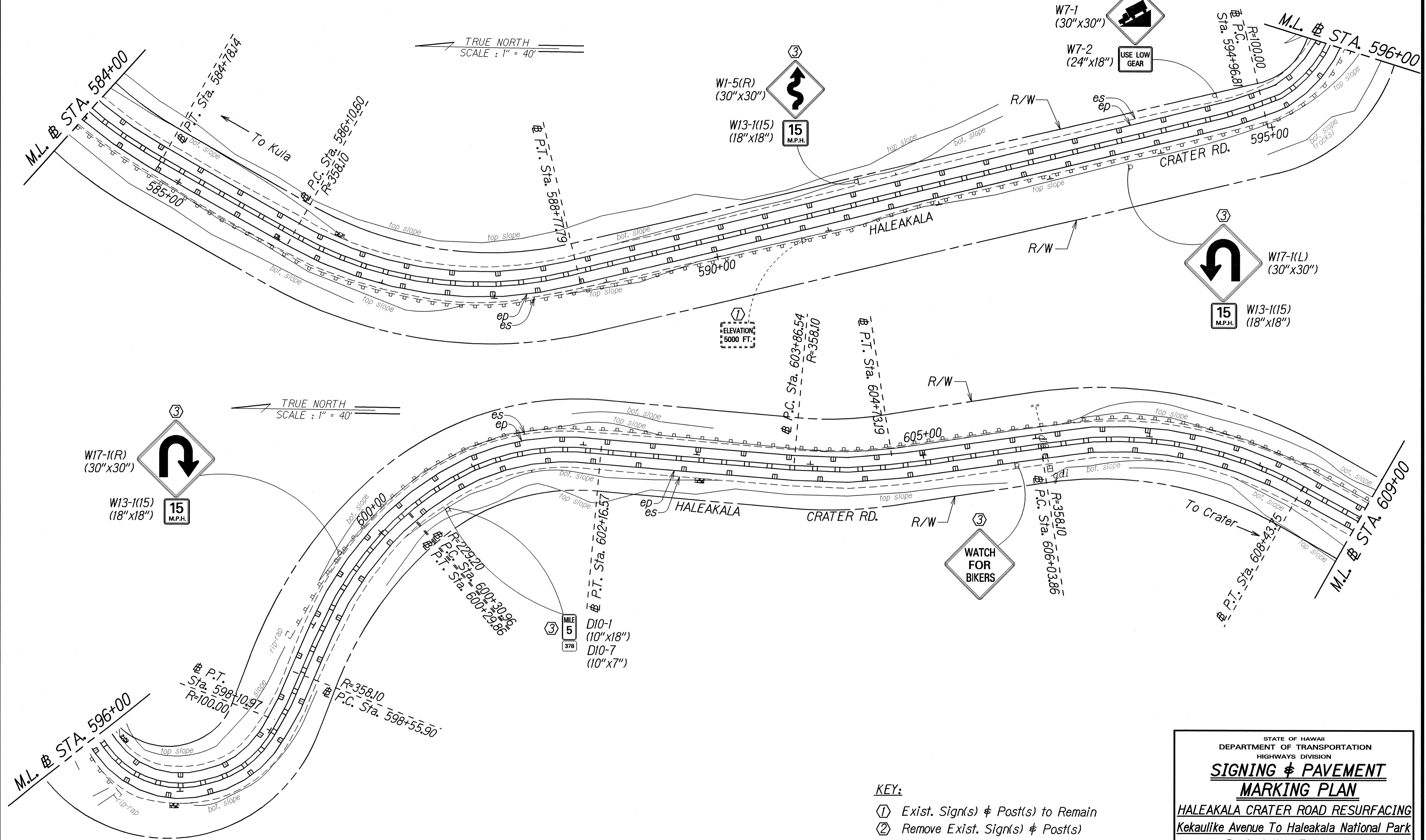
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING & PAVEMENT  
MARKING PLAN**

**HALEAKALA CRATER ROAD RESURFACING**  
Kekaulike Avenue To Haleakala National Park

Project No. 378A-01-04M  
Scale: 1" = 40'      Date: October, 2003

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-01-04M	2004	46	88



TRUE NORTH  
SCALE: 1" = 40'

TRUE NORTH  
SCALE: 1" = 40'

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
DESIGNED BY	
CHECKED BY	

- KEY:**
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STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

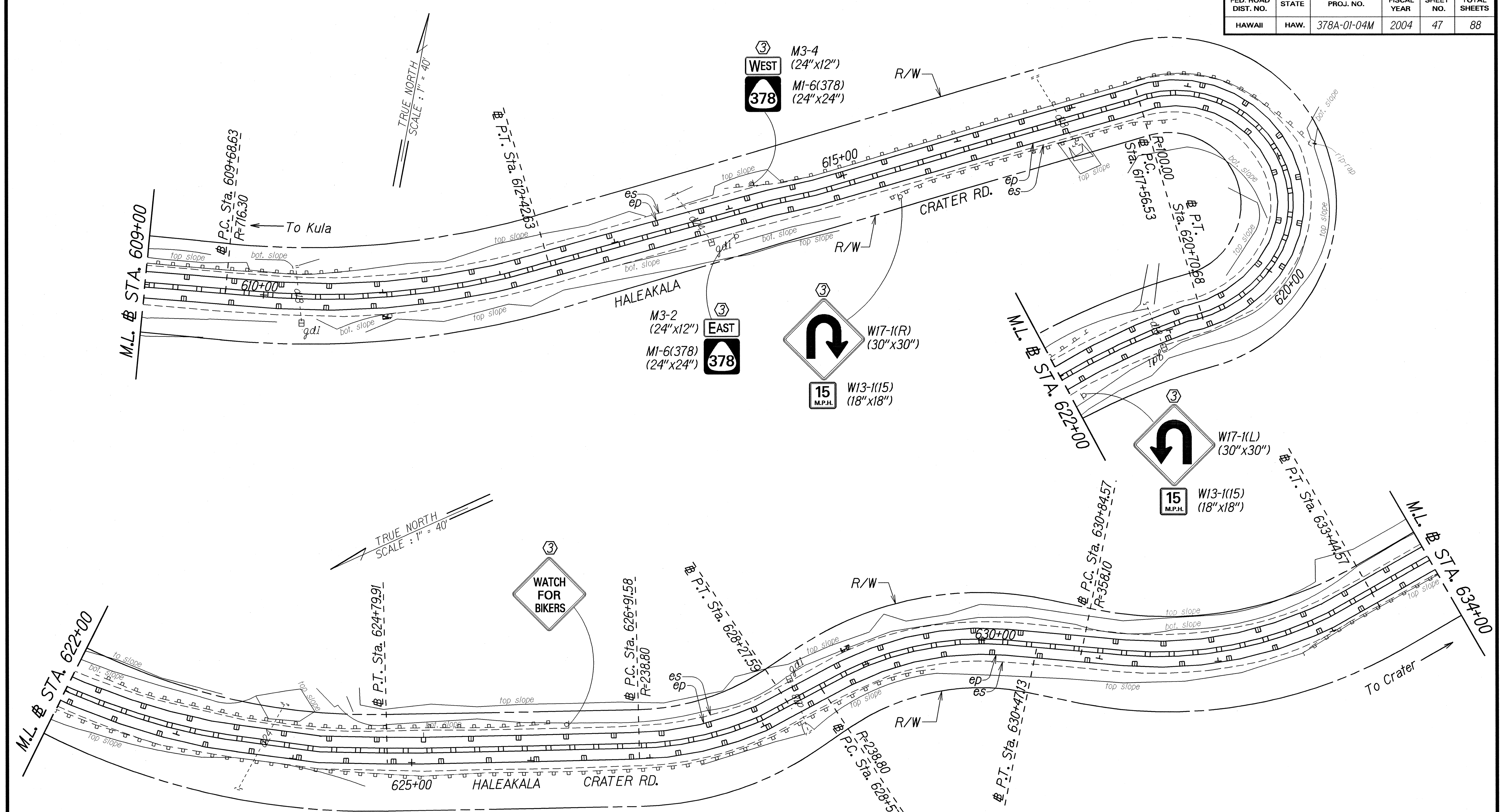
**SIGNING & PAVEMENT  
MARKING PLAN**

**HALEAKALA CRATER ROAD RESURFACING**  
Kekaulike Avenue To Haleakala National Park

Project No. 378A-01-04M  
Scale: 1" = 40' Date: October, 2003

SHEET No. 11 OF 22 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-01-04M	2004	47	88



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

- KEY:**
- ① Exist. Sign(s) & Post(s) to Remain
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STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING & PAVEMENT  
MARKING PLAN**

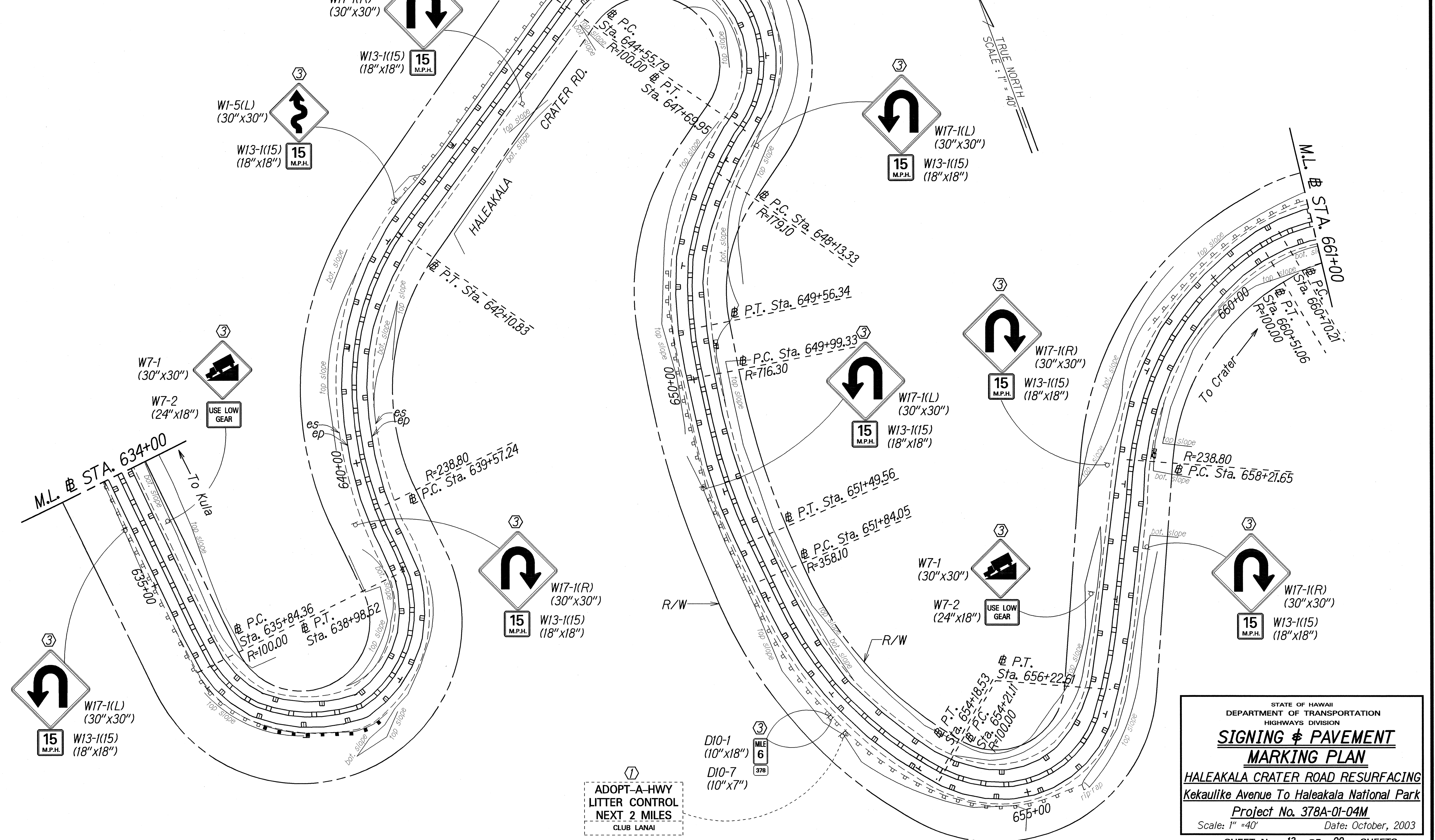
HALEAKALA CRATER ROAD RESURFACING  
Kekaulike Avenue To Haleakala National Park  
Project No. 378A-01-04M  
Scale: 1" = 40' Date: October, 2003

SHEET No. 12 OF 22 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-01-04M	2004	48	88

**KEY:**

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- ③ Remove Exist. & Install New Sign(s) & Post(s)
- ④ Install New Sign(s) & Post(s)



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

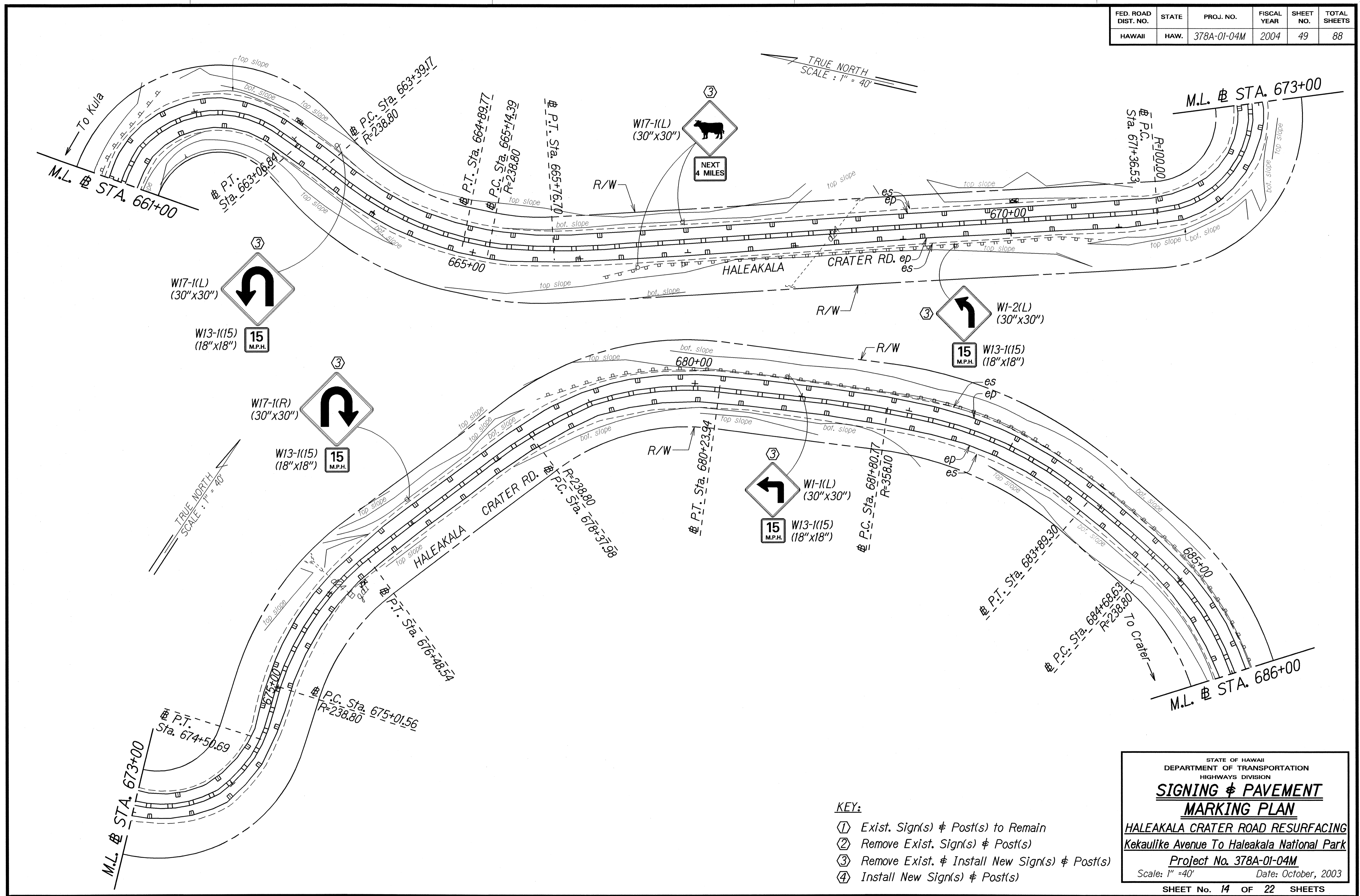
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING & PAVEMENT  
MARKING PLAN**

HALEAKALA CRATER ROAD RESURFACING  
Kekaulike Avenue To Haleakala National Park  
Project No. 378A-01-04M  
Scale: 1" = 40' Date: October, 2003

SHEET No. 13 OF 22 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-01-04M	2004	49	88

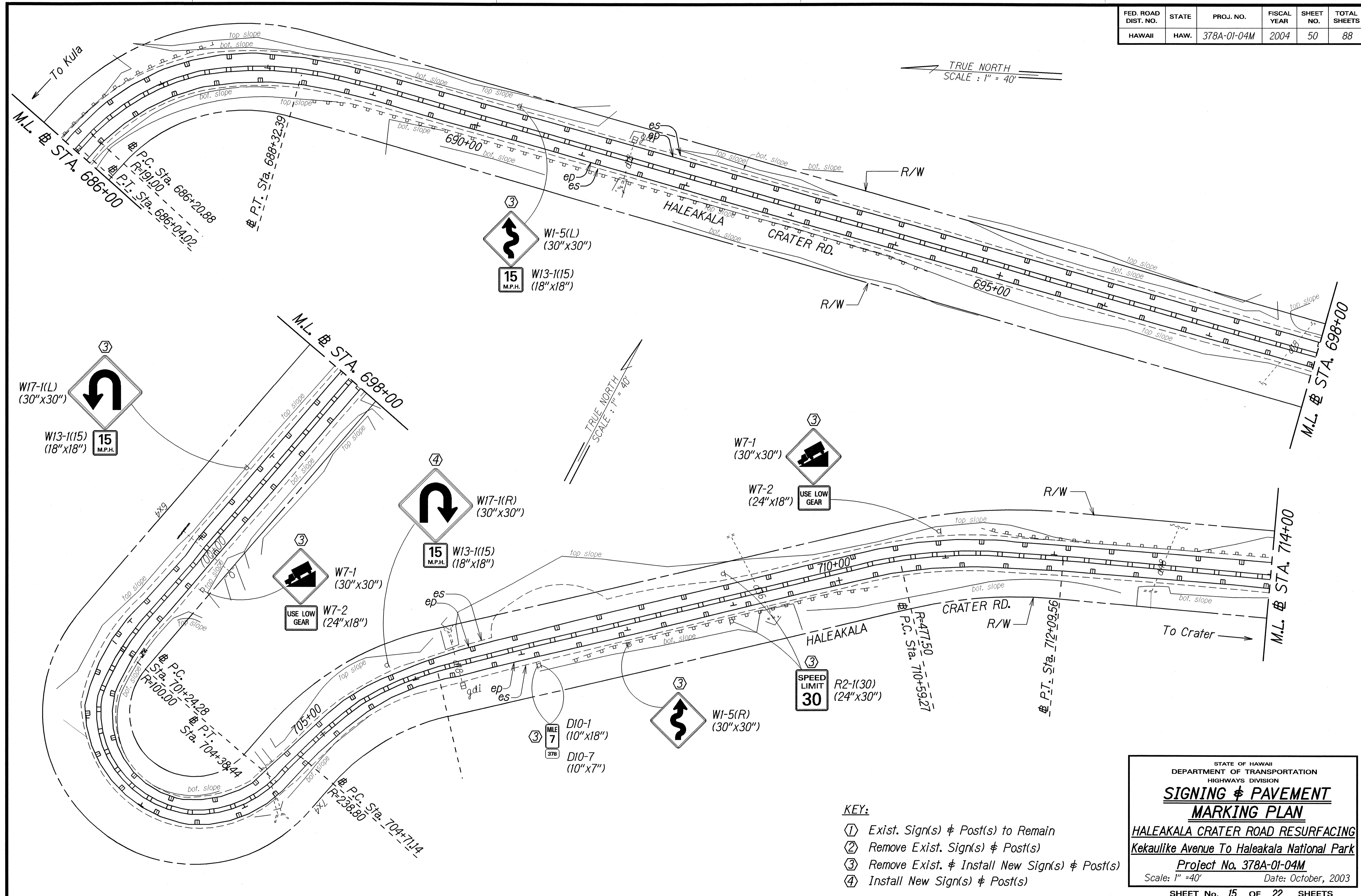


SURVEY PLOTTED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 DRAWN BY: \_\_\_\_\_  
 TRACED BY: \_\_\_\_\_  
 DESIGNED BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_

- KEY:**
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STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION  
**SIGNING & PAVEMENT MARKING PLAN**  
 HALEAKALA CRATER ROAD RESURFACING  
 Kekaulike Avenue To Haleakala National Park  
 Project No. 378A-01-04M  
 Scale: 1" = 40' Date: October, 2003

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-01-04M	2004	50	88



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

- KEY:**
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STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

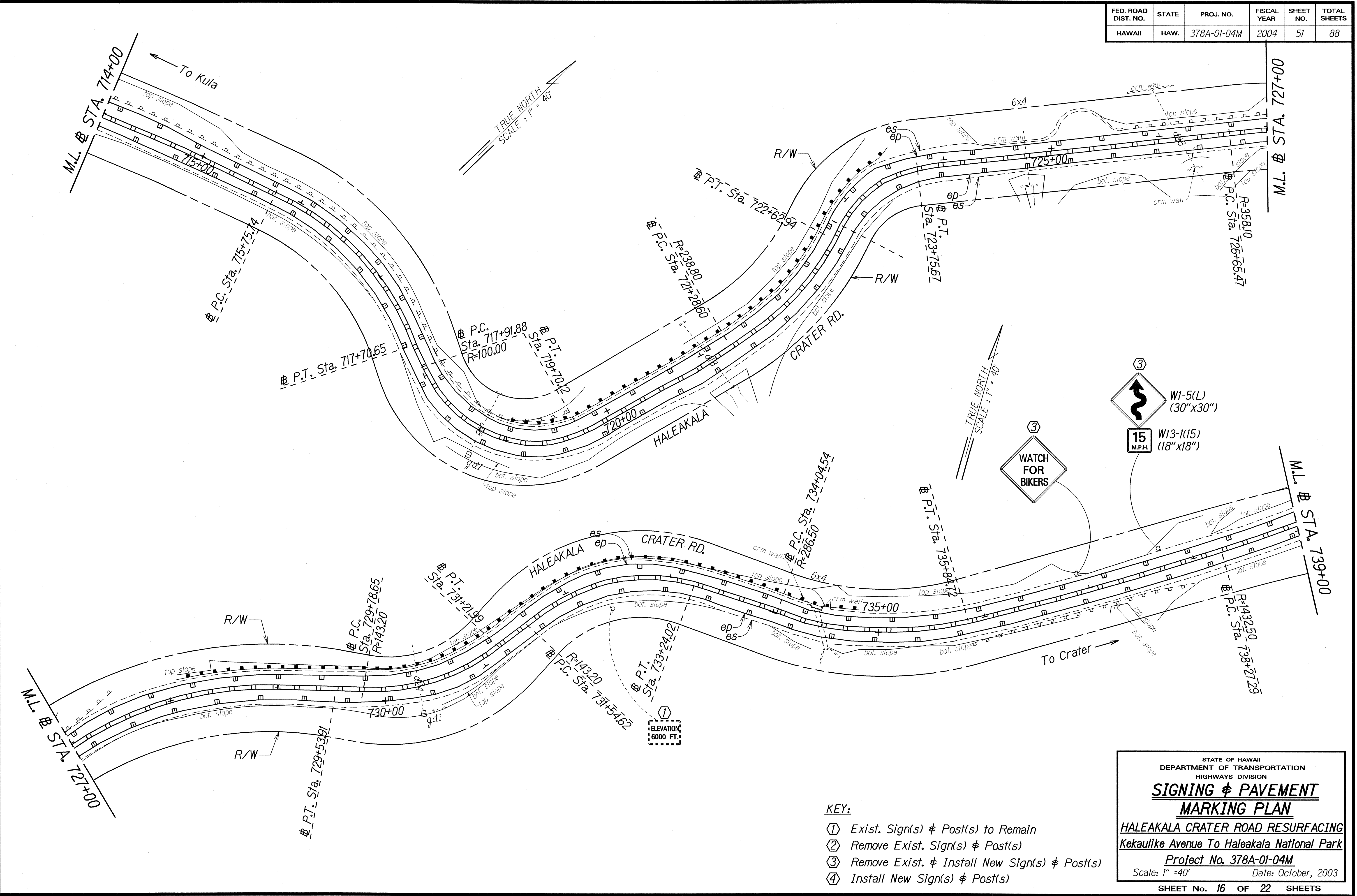
**SIGNING & PAVEMENT  
MARKING PLAN**

**HALEAKALA CRATER ROAD RESURFACING**  
Kekaulike Avenue To Haleakala National Park

Project No. 378A-01-04M  
Scale: 1" = 40'      Date: October, 2003

SHEET No. 15 OF 22 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-01-04M	2004	51	88



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

- KEY:**
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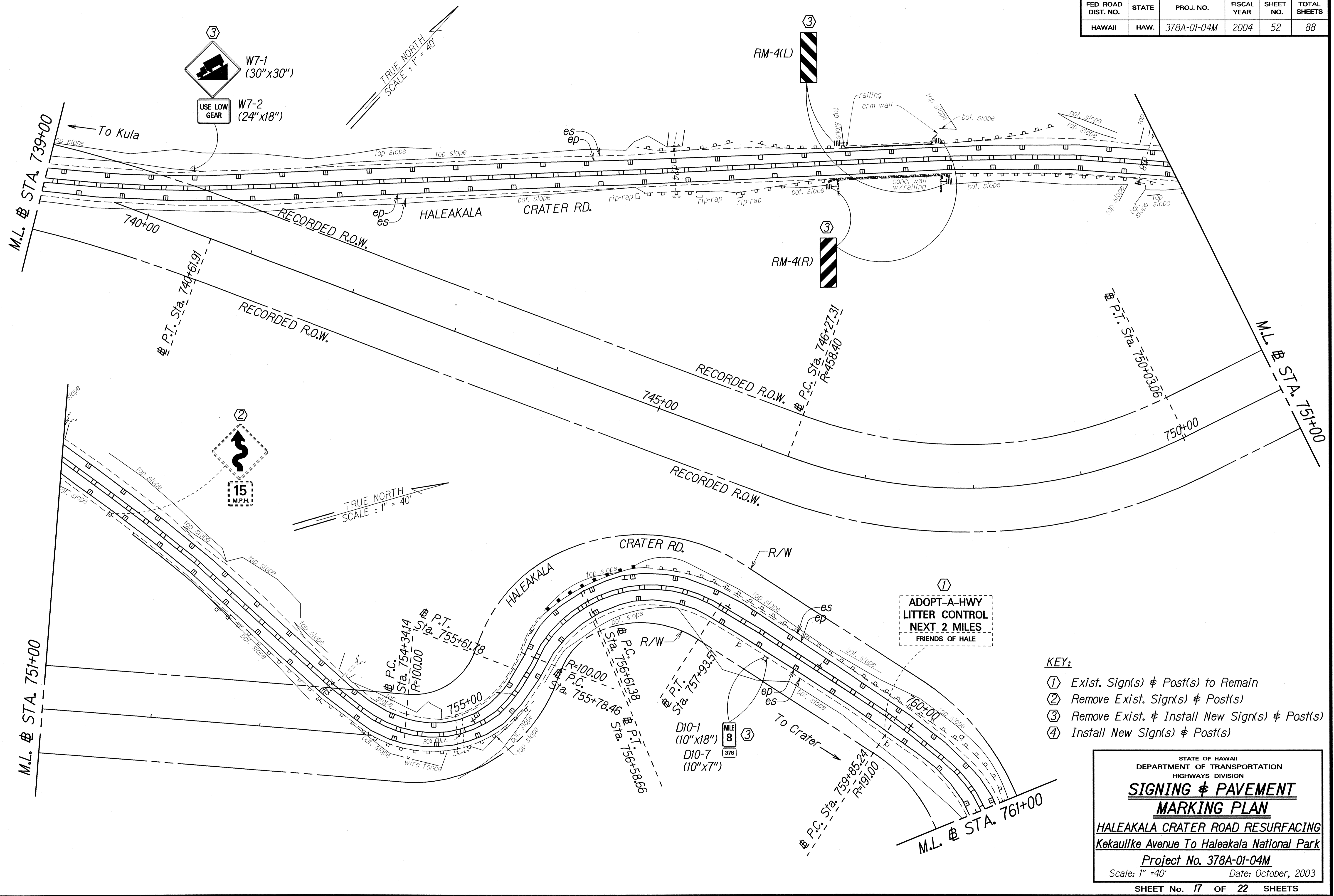
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING & PAVEMENT  
MARKING PLAN**

HALEAKALA CRATER ROAD RESURFACING  
Kekaulike Avenue To Haleakala National Park  
Project No. 378A-01-04M  
Scale: 1" = 40' Date: October, 2003

SHEET No. 16 OF 22 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-01-04M	2004	52	88



SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
DESIGNED BY	
NOTED BY	
CHECKED BY	

- KEY:**
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  - ③ Remove Exist. & Install New Sign(s) & Post(s)
  - ④ Install New Sign(s) & Post(s)

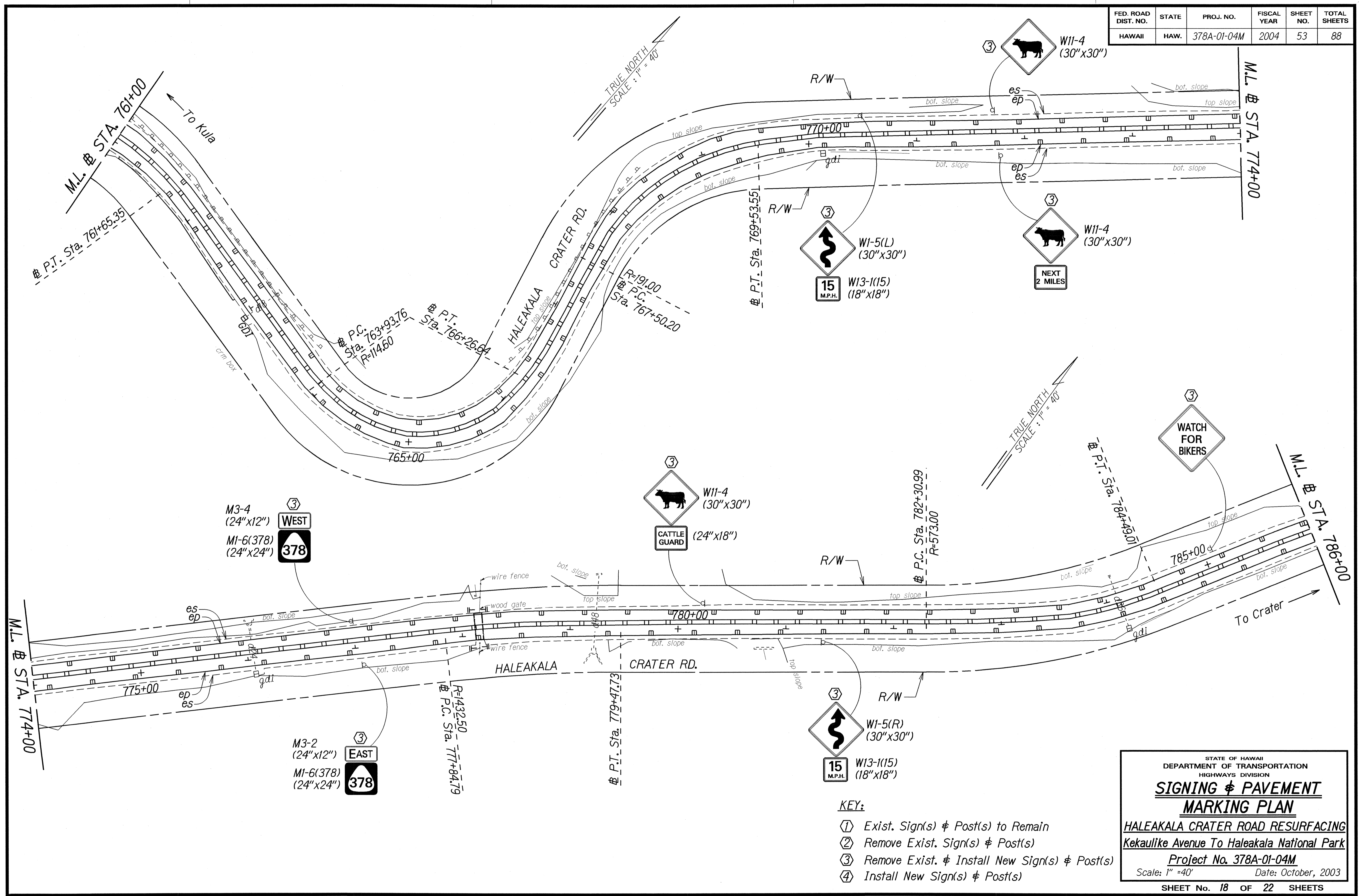
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING & PAVEMENT  
MARKING PLAN**

HALEAKALA CRATER ROAD RESURFACING  
Kekaulike Avenue To Haleakala National Park  
Project No. 378A-01-04M  
Scale: 1" = 40' Date: October, 2003

SHEET No. 17 OF 22 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-01-04M	2004	53	88

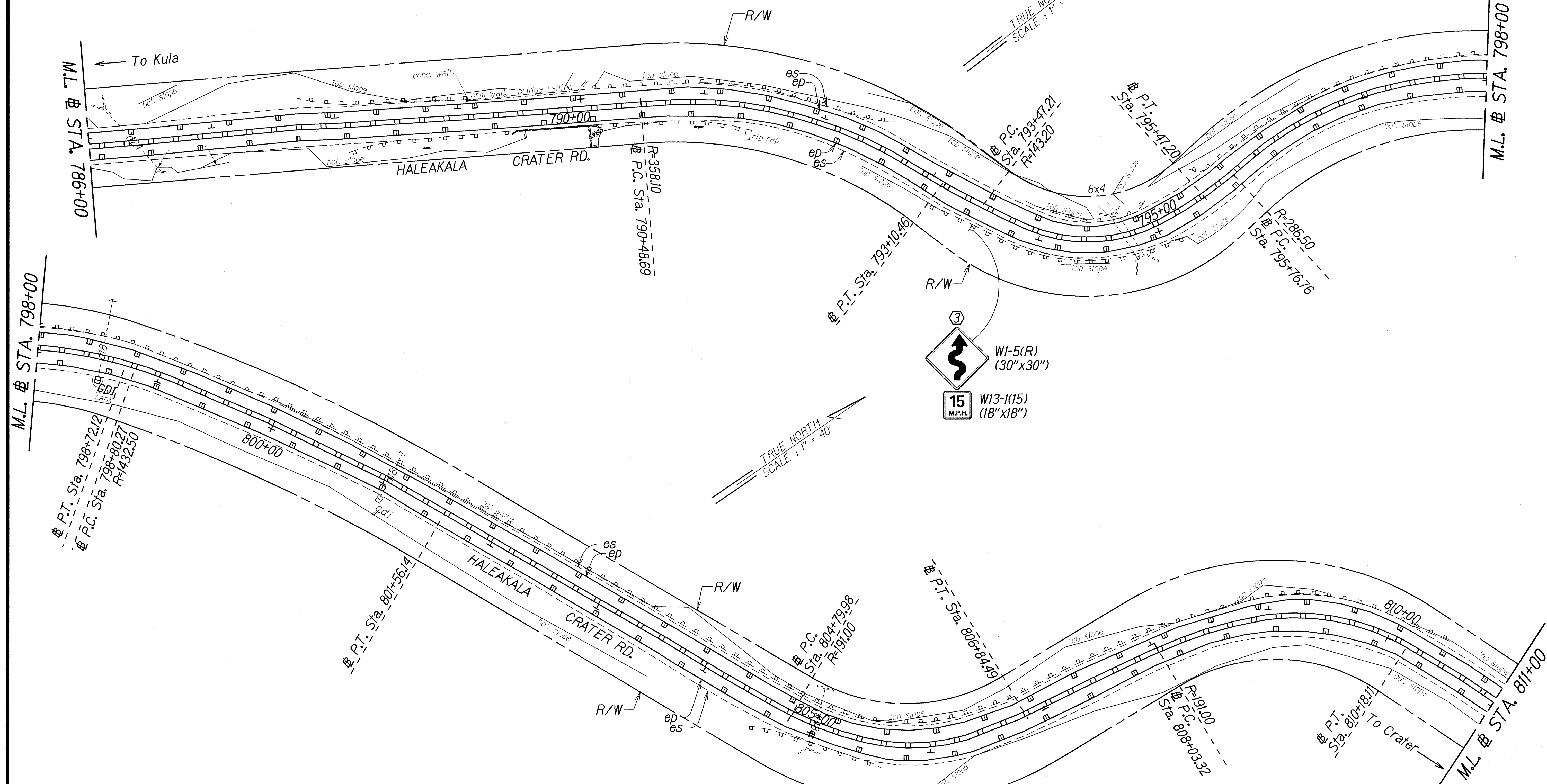


ORIGINAL SURVEY PLOTTED BY \_\_\_\_\_  
 PLAN DATE \_\_\_\_\_  
 DRAWN BY \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 DESIGNED BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_  
 \_\_\_\_\_

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STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION  
**SIGNING & PAVEMENT MARKING PLAN**  
 HALEAKALA CRATER ROAD RESURFACING  
 Kekaulike Avenue To Haleakala National Park  
 Project No. 378A-01-04M  
 Scale: 1" = 40' Date: October, 2003  
 SHEET No. 18 OF 22 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-01-04M	2004	54	88



ORIGINAL SURVEY PLOTTED BY	DATE
DRAWN BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	

- KEY:**
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  - ② Remove Exist. Sign(s) & Post(s)
  - ③ Remove Exist. & Install New Sign(s) & Post(s)
  - ④ Install New Sign(s) & Post(s)

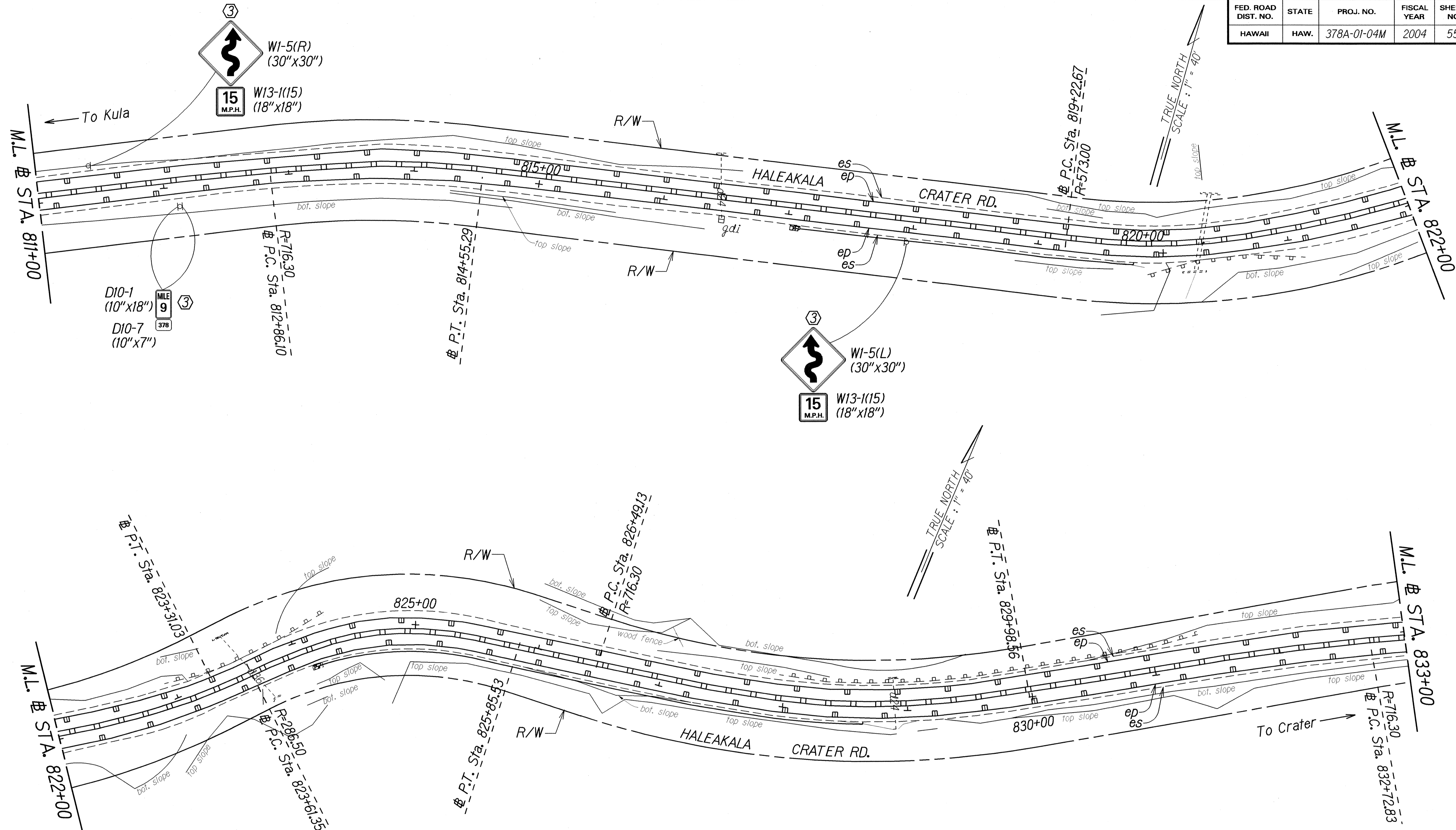
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING & PAVEMENT  
MARKING PLAN**

**HALEAKALA CRATER ROAD RESURFACING**  
Kekaulike Avenue To Haleakala National Park

Project No. 378A-01-04M  
Scale: 1" = 40'      Date: October, 2003

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-01-04M	2004	55	88



SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

- KEY:**
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  - ② Remove Exist. Sign(s) & Post(s)
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  - ④ Install New Sign(s) & Post(s)

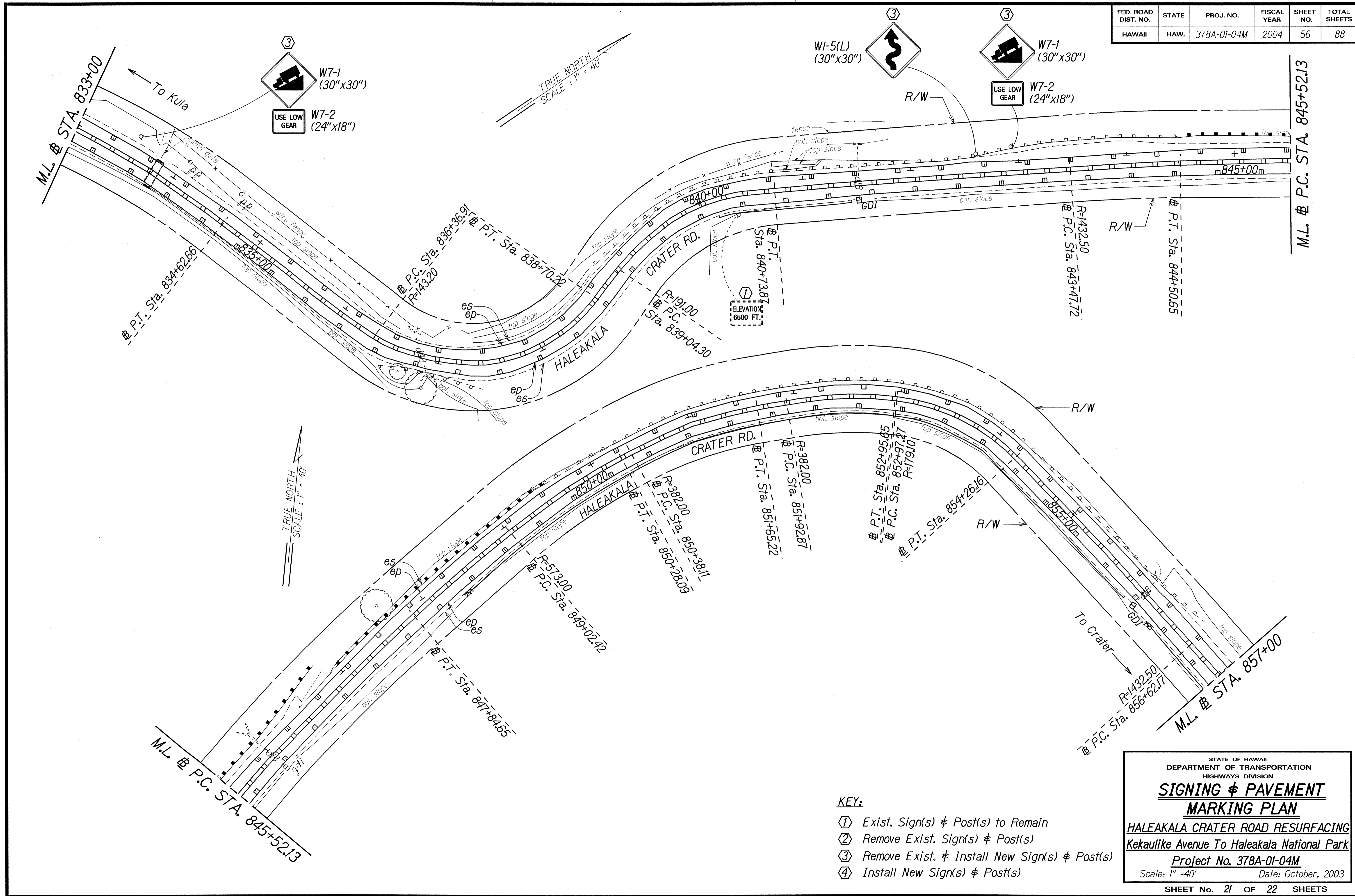
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING & PAVEMENT  
MARKING PLAN**

HALEAKALA CRATER ROAD RESURFACING  
Kekaulike Avenue To Haleakala National Park  
Project No. 378A-01-04M  
Scale: 1" = 40'      Date: October, 2003

SHEET No. 20 OF 22 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-01-04M	2004	56	88



SURVEY PLOTTED BY	DATE
DRAWN BY	10/03
NOTE BOOK	
DESIGNED BY	
CHECKED BY	

- KEY:**
- ① Exist. Sign(s) & Post(s) to Remain
  - ② Remove Exist. Sign(s) & Post(s)
  - ③ Remove Exist. & Install New Sign(s) & Post(s)
  - ④ Install New Sign(s) & Post(s)

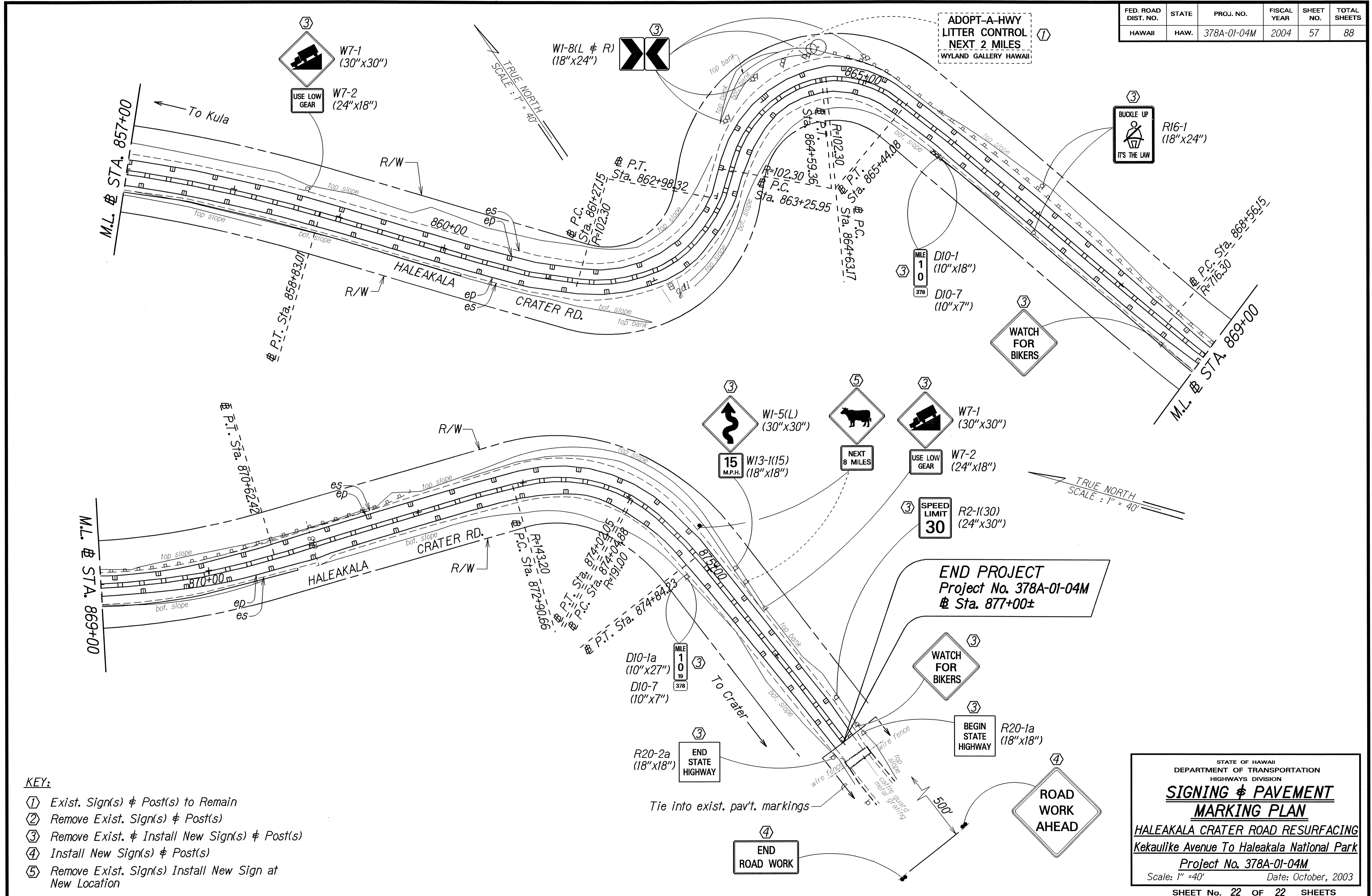
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING & PAVEMENT  
MARKING PLAN**

HALEAKALA CRATER ROAD RESURFACING  
Kekaulike Avenue To Haleakala National Park  
Project No. 378A-01-04M  
Scale: 1" = 40' Date: October, 2003

SHEET No. 21 OF 22 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-01-04M	2004	57	88



- KEY:**
- ① Exist. Sign(s) & Post(s) to Remain
  - ② Remove Exist. Sign(s) & Post(s)
  - ③ Remove Exist. & Install New Sign(s) & Post(s)
  - ④ Install New Sign(s) & Post(s)
  - ⑤ Remove Exist. Sign(s) Install New Sign at New Location

SURVEY PLOTTED BY: \_\_\_\_\_ DATE: 10/03  
 DRAWN BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 ORIGINAL PLAN: \_\_\_\_\_  
 NOTE BOOK: \_\_\_\_\_  
 DESIGNED BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION  
**SIGNING & PAVEMENT MARKING PLAN**  
 HALEAKALA CRATER ROAD RESURFACING  
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 SHEET No. 22 OF 22 SHEETS