

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0377(005)	2011	ADD.3	24

GENERAL NOTES

1.

The scope of work for this project consists of reconstructing, cold planing and resurfacing existing pavements, adjusting water valves cast iron frame and cover, installing pavement markings and striping, installation of reflector markers on existing guardrails and cleaning of existing culverts.

2.

The Contractor is reminded of the requirements of Subsection 108.01 - Subletting of Contract, which requires him to perform work amounting to not less than 50 percent of the total contract cost less deductible items. Non-compliance with this Subsection may be grounds for rejection of bid.

3.

The Contractor's attention is directed to the following Sections of the Special Provisions : Subsection 104.09 - Maintenance of Traffic; Subsection 107.06 - Contractor duty regarding Public Convenience 104.11 - Utilities and Services; and Section 645 - Traffic Control.

4.

At the end of each day's work, the Contractor shall remove all equipment and other obstructions to permit free and safe passage of public traffic.

5.

The existence and location of underground utilities, manholes, monuments and structures as shown on the plans are from the latest available data but the accuracy is not guaranteed. The encountering of other obstacles during the course of work is possible. The Contractor shall be held liable for any damages incurred to the existing facilities and/or improvements as a result of his operations.

6.

The exact locations and limits or areas to be filled with leveling course, reconstructed and cold planed shall be determined in the field by the Engineer.

7.

Prior to resurfacing, the existing surface shall be cleaned as described in Section 310 of the Standard Specifications and as amended. Payment shall be considered incidental to various contract items.

8.

The Contractor shall notify the State in writing, two (2) weeks prior to starting paving operations.

9.

The Contractor shall remove and dispose of all existing raised pavement markers prior to the overlaying of Asphalt Concrete. This work shall be considered incidental to Hot Mix Asphalt (HMA) Pavement and will not be paid for separately.

10.

All holes, depressions and wheel ruts shall be filled and compacted with Asphalt Concrete Pavement, Mix No. IV prior to resurfacing. This work will be paid for under Hot Mix Asphalt (HMA) Pavement.

11.

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Cold planed connections shall be constructed at all limits of resurfacing, including the beginning and end of project, connecting approaches, side streets and driveways as shown on the plans and/or as directed by the Engineer. Exact locations shall be determined in the field by the Engineer.

12.

Existing drainage system will be functional at all times during construction. The Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. This work shall be considered incidental to various contract items.

13.

No material or equipment shall be stockpiled or otherwise stored within highway right-of-way except at locations designated in writing and approved by the Engineer.

14.

After the project is completed, the Contractor shall restore grades and groundcover within the project limits to a condition equal or better than existing condition prior to construction.

15.

All excess materials not needed for this project shall become the property of the Contractor. If disposed of, it shall be in accordance with the Environmental Protection Agency's policies and guidelines. This work shall be considered incidental to various contract items and will not be paid for separately.

16.

The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting paving operations.

17.

Dressing of shoulder shall consist of clearing, grubbing, grading, reshaping and compacting the unpaved shoulders with suitable material as shown on the plans and/or as directed by the Engineer. This work shall be considered incidental to the various contract items.

18.

All saw cutting work shall be considered incidental to various contract items of work.

19.

Existing drainage system shall be functional at all times during construction. The Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. This work shall be considered incidental to various contract items.

20.

All construction signs shall be left in place until all construction items have been completed. The Contractor shall obtain prior approval from the Engineer to remove construction signs. This work shall not be paid for separately but shall be considered incidental to various contract items.

21.

The contractor shall not leave more than 1½" drop-offs at the edge of pavement at the end of each work day. This includes drop-offs at the centerline and at the other edges of travel lane.

22.

Sign posts shall be square tube posts.

23.

The Contractor shall provide for access to and from all existing sideroads, driveways and streets at all times.

24.

All lanes shall be opened to traffic during the morning peak hours from 6:30 a.m. to 8:30 a.m., during afternoon peak hours from 3:30 p.m. to 6:00 p.m. and off work hours. Only one lane of highway shall be closed at any other time.

LEGEND

Reconstruction Areas

Cold Planing Areas

Resurfacing Limits

ep Existing Edge of Pavement

es Existing Edge of Shoulder

- - - Existing Metal Guardrail

gdi Existing Grated Drop Inlet

1 Existing Traffic Sign With 1 Post

2 Existing Traffic Sign With 2 Posts

1 New Traffic Sign With 1 Post

2 New Traffic Sign With 2 Posts

II- RM-2

III- RM-3

IIII- RM-4

IIIII- RM-5

°pp Existing Power Pole

°emh Existing Electric Manhole

°wmh Existing Water Manhole

°wv Existing Water Valve Box

°WV Adjusted Water Valve Box

°fh Existing Fire Hydrant

R/W Line

Rumble Strip

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

HALEAKALA HIGHWAY PAVEMENT
PREVENTIVE MAINTENANCE
Kula Junction to Haleakala Crater Road
Federal-Aid Project No. STP-0377(005)

Date: October, 2010

SHEET No. 1 OF 1 SHEETS

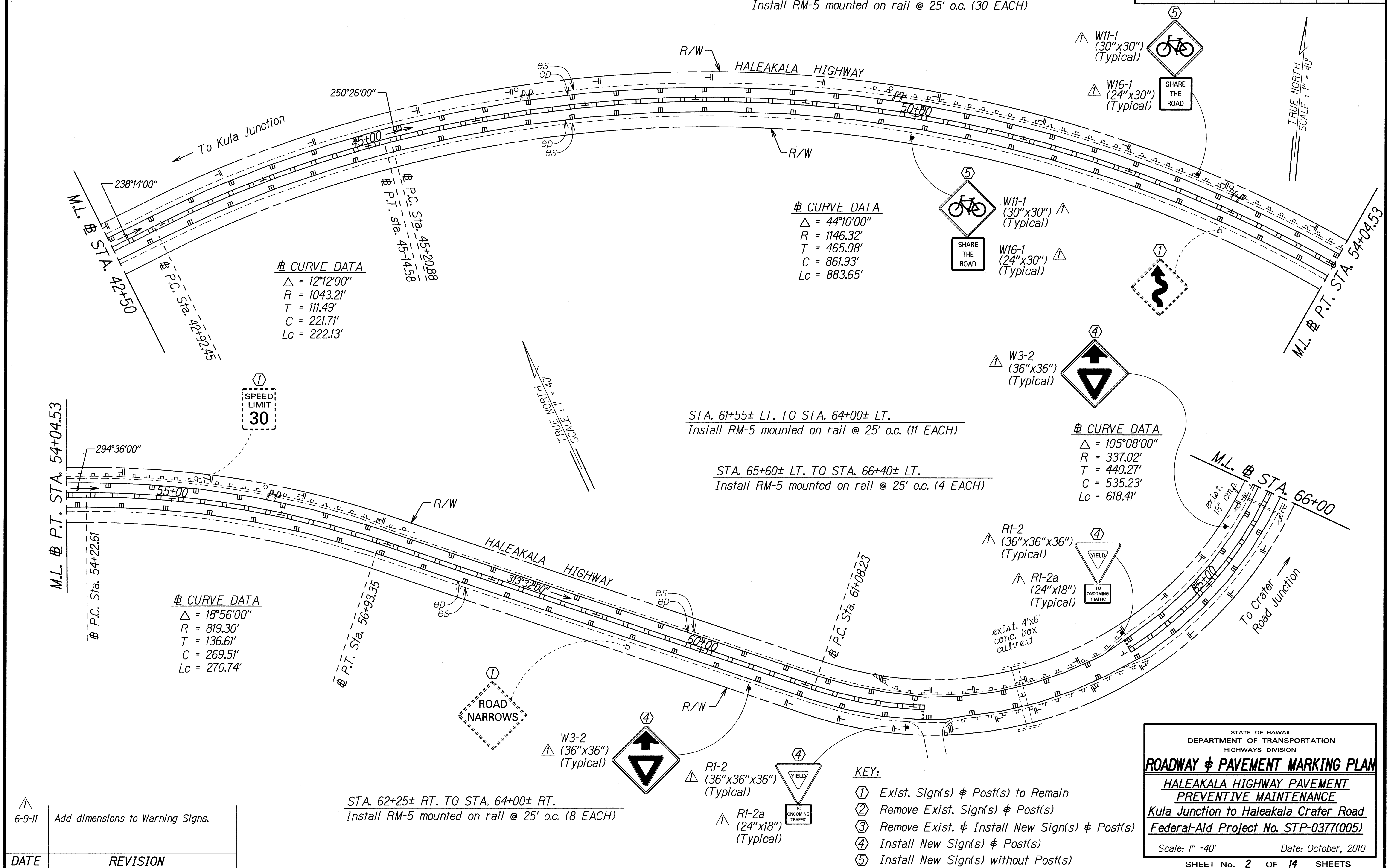
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	10/2/08
DESIGNED BY	CHECKED BY	
QUANTITIES BY		
CHECKED BY		

△	6/3/11	Revised General Note No. 11.
DATE	REVISION	

ADD.3

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0377(005)	2011	ADD.12	24

STA. 49+50± LT. TO STA. 56+75± LT.
Install RM-5 mounted on rail @ 25' o.c. (30 EACH)



SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

DATE	REVISION
6-9-11	Add dimensions to Warning Signs.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY & PAVEMENT MARKING PLAN

HALEAKALA HIGHWAY PAVEMENT PREVENTIVE MAINTENANCE

Kula Junction to Haleakala Crater Road

Federal-Aid Project No. STP-0377(005)

Scale: 1" = 40' Date: October, 2010

SHEET No. 2 OF 14 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0377(005)	2011	ADD.22	24

