

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HS-STP-011-2(38)	2010	38	141

BEGIN PROJECT
F.A.P. No. HS-STP-011-2(38)
Sta. 725+25

TMK:1-8-01:23
Owner: Minnie Galante

TMK: 1-8-01:45
Owner: County of Hawaii
Board of Water Supply

Sta. 725+75.66 o/s Lt.
 Volcano Road
 Driveway 1 Improvements
 See Sht. 49 b

Sta. 727+62.22 o/s Lt.
 Volcano Road
 Driveway 2A Improvements
 See Sht. 49

TMK:1-8-01:24
Owner: Paulino G. Jr. Villanueva
Audrey D. K Villanueva

B DWS Olaa Access Road
(Driveway 2B)
See Sht. 50

TMK:1-8-01:25
Owner: Daniel Jr. Deluz
Earlette M. Deluz

Sta. 728+91.13 o/s Lt.
 Volcano Road
 Driveway 3 Improvements
 See Sht. 50

New Concrete Channel

New Concrete Channel

—New Headwall, Typ.

Limits of Grading, Typ.

LEGEND:

 1374.50 *Finish Grade*
 1374.50 *Approximate Existing Ground*
 — *Limits of Grading*
 *Direction of Surface Runoff*

TMK:1-8-01:05
Owner: Geraldine A Saybac
Jerry Saybac

Sta. 727+79.18 o/s Rt.
 4 Volcano Road
 Driveway 4 Improvements
 See Sht. 51

TMK:1-8-01:04
Owner: Don M Nagata
Toshie Nagata

Sta. 728+73.03 o/s Rt.
 @ Volcano Road
 Driveway 5 Improvements
 See Sht. 51

TMK:1-8-01:03
Owner: George C Okada TRST

Note:
See Driveway Plans (Sheets 49-60) for
Additional Driveway Grades.



LICENSE EXPIRES 4/30/12

THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN

*Volcano Road Intersection and
Drainage Improvements*
Federal-Aid Project No. HS-STP-011-2(38)

Scale: 1"=20' Date: November 2010

SHEET No. **1** OF **5** SHEETS

38

PLAT DATE: December 07 2010 @ 08:03:11

1 OCT 11 00 AM '78

DATA/CHI EVANG: \\vol01\fs001\data\Accounting\Bancos\2008\214 Volume Values: Information\500 S. America\CHI EVANG TO 12 10M Accounting Please Use

	1374.50	<i>Finish Grade</i>
	1374.50	<i>Approximate Existing Ground</i>
		<i>Limits of Grading</i>
		<i>Direction of Surface Runoff</i>
		<i>Flow Line</i>

Note:
See Driveway Plans (Sheets 49-60) for
Additional Driveway Grades.

TMK:1-8-01:25
Owner: Daniel Jr. Deluz
Earlette M. Deluz

TMK:1-8-01:27
Owner: Julie-Beth Mamo Ako
Dana Kaleookalani Kamai

Sta. 731+24.50 o/s Lt.
 Volcano Road
 Driveway 6 Improvements
 See Sht. 52

— Limits of Grading, Typ.

New Headwall, Typ.

Sta. 734+66.81 o/s Lt.
 Volcano Road
 Driveway 7 Improvements
 See Sht. 52

New EP

To Volcano

To Hilo

— *New CRM Wall*

Sta. 732+04.73 o/s Rt.
 Volcano Road
 Driveway 8A Improvements
 See Sht. 53

Modified GDI "D1" — Backfill Around New Structure

Sta. 732+39.76 o/s Rt.
 @ Volcano Road
 Driveway 8B Improvements
 See Sht. 53

TMK:1-8-86:12
Owner: George C Okada TRST

TMK:1-8-86:11
Owner: Lance M/Judith C Tahara TRST

Sta. 734+78.50 o/s Rt.
 @ Volcano Road
 Driveway 9 Improvements
 See Sht. 53

Modified GDI "D7"



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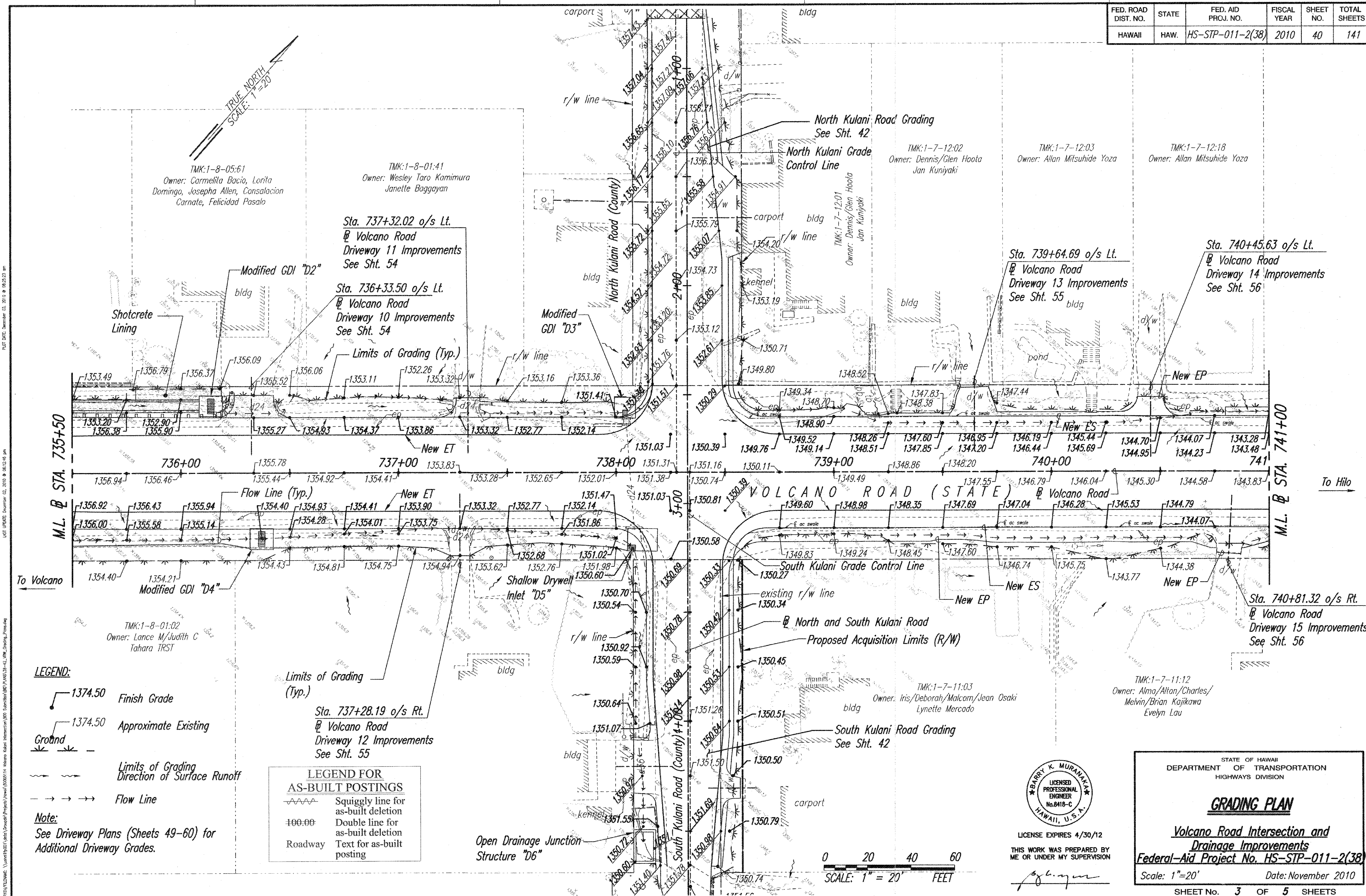
GRADING PLAN

Volcano Road Intersection and
Drainage Improvements
Federal-Aid Project No. HS-STP-011-2(38)

Scale: 1"=20' Date: November 2010

SHEET No. **2** OF **5** SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HS-STP-011-2(38)	2010	40	141

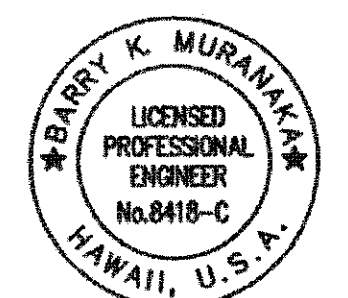


DATE	08/14/10
SURVEY PLOTTED BY	BARRY K. MURAKAWA
DRAWN BY	BARRY K. MURAKAWA
DESIGNED BY	BARRY K. MURAKAWA
QUANTITIES BY	BARRY K. MURAKAWA
CHECKED BY	BARRY K. MURAKAWA
NO.	1

- LEGEND:**
- 1374.50 Finish Grade
 - 1374.50 Approximate Existing Ground
 - Limits of Grading
 - Direction of Surface Runoff
 - Flow Line

Note:
See Driveway Plans (Sheets 49-60) for Additional Driveway Grades.

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



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HIGHWAYS DIVISION

GRADING PLAN

Volcano Road Intersection and Drainage Improvements
Federal-Aid Project No. HS-STP-011-2(38)

Scale: 1"=20' Date: November 2010

SHEET No. 3 OF 5 SHEETS

"AS-BUILT"

LEGEND:

- 1374.50 Finish Grade
- 1374.50 Approximate Existing Ground
- Limits of Grading
- Direction of Surface Runoff
- Flow Line

Note:

- See Driveway Plans (Sheets 49-60) for Additional Driveway Grades.
- See Intersection Plans (Sheets 47-48) for Corner Grades.

Sta. 1+61.59 o/s Rt.
North Kulani Road
Driveway 20 Improvements
See Sht. 59

TMK:1-8-01:41
Owner: Wesley Taro Kamimura
Janette Baggayan

TMK:1-8-05:60
Owner: Wade E/Lori M
Kamimura

Sta. 1+68.97 o/s Lt.
North Kulani Road
Driveway 21 Improvements
See Sht. 60

TMK:1-7-12:01
Owner: Dennis/Glen Hoota
Jan Kuniyaki

TMK:1-7-12:02
Owner: Dennis/Glen Hoota
Jan Kuniyaki

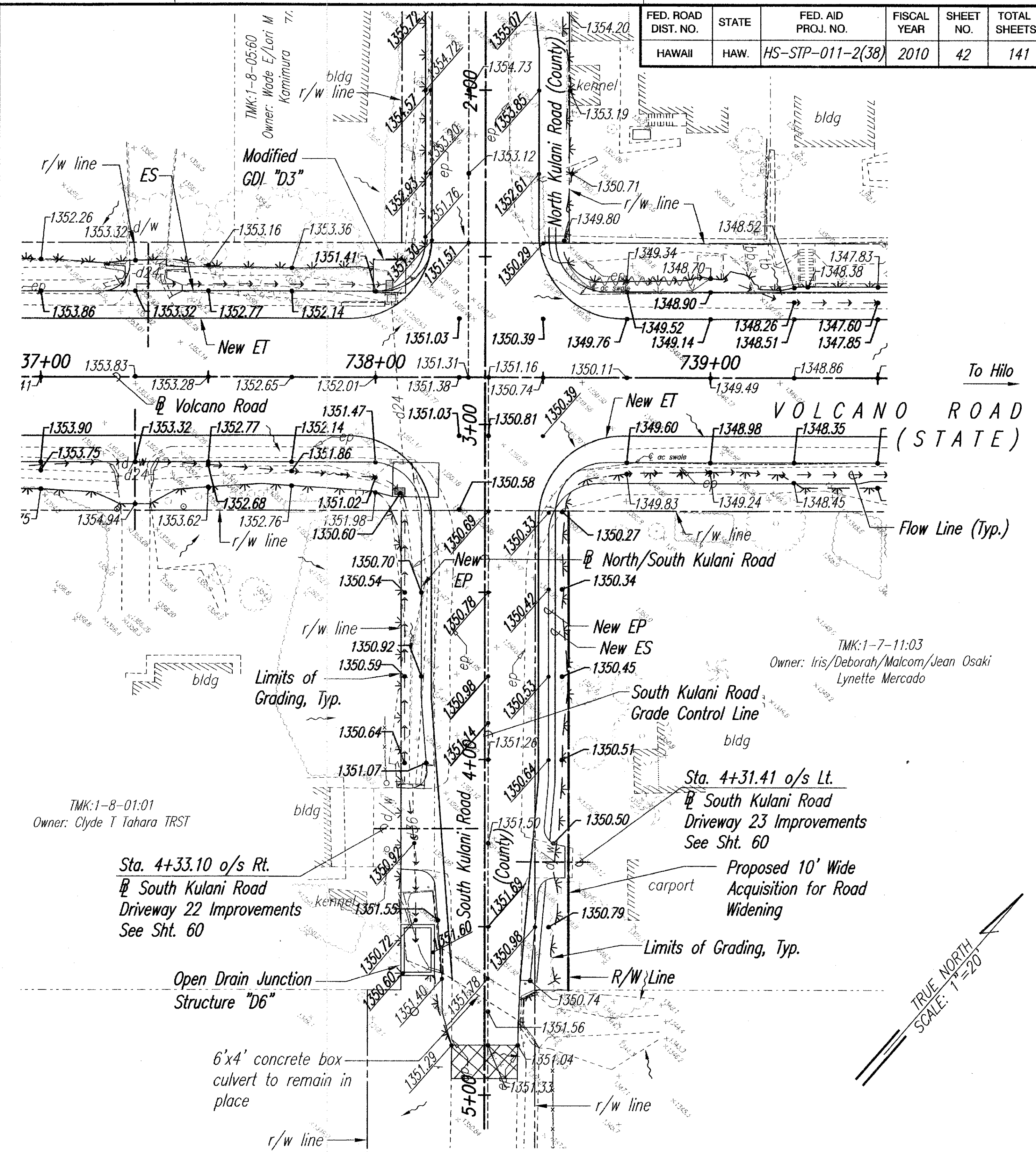
To Volcano

VOLCANO ROAD
(STATE)

LEGEND FOR AS-BUILT POSTINGS

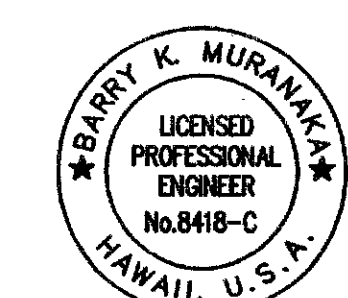
- Squiggly line for as-built deletion
- Double line for as-built deletion
- Text for as-built posting

North Kulani Road
Scale: 1"= 20'-0"



South Kulani Road
Scale: 1"= 20'-0"

0 20 40 60
SCALE: 1"= 20' FEET



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GRADING PLAN

**Volcano Road Intersection and
Drainage Improvements**
Federal-Aid Project No. HS-STP-011-2(38)

Scale: 1"=20' Date: November 2010

SHEET No. 5 OF 5 SHEETS

"AS-BUILT"

42