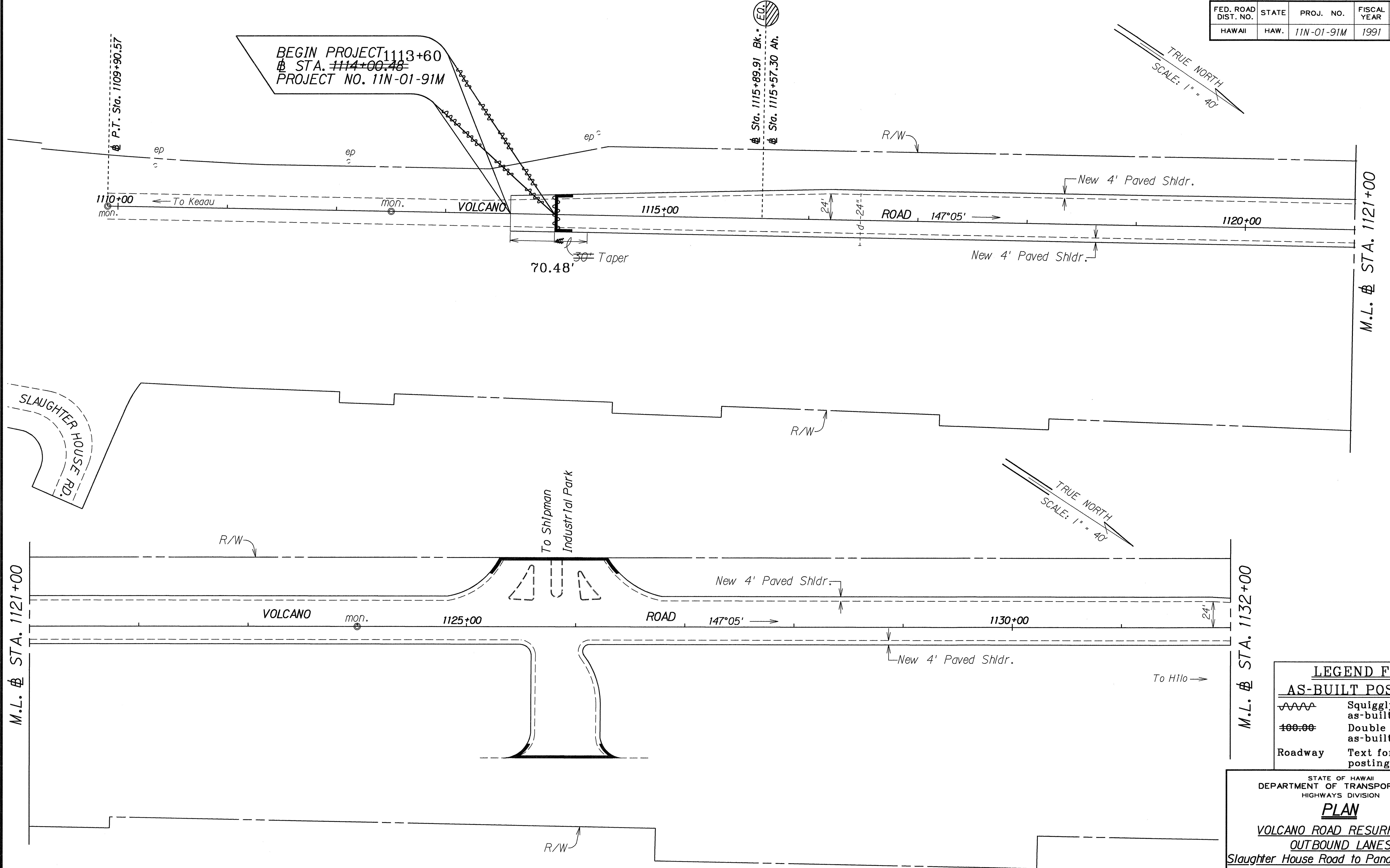


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11N-01-91M	1991	6	23

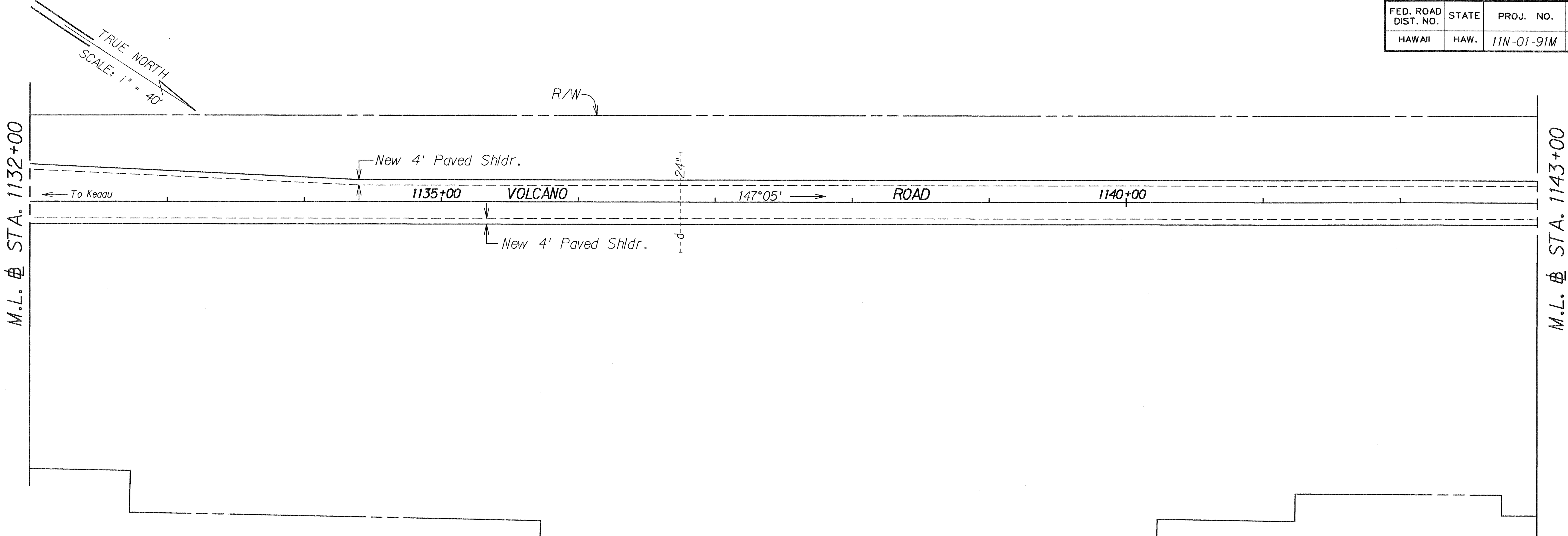


ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

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
PLAN
VOLCANO ROAD RESURFACING
OUTBOUND LANES
Slaughter House Road to Panaewa Bridge
PROJECT NO. 11N-01-91M
Scale: 1" = 40' Date: April, 1991
SHEET No. 1 OF 8 SHEETS

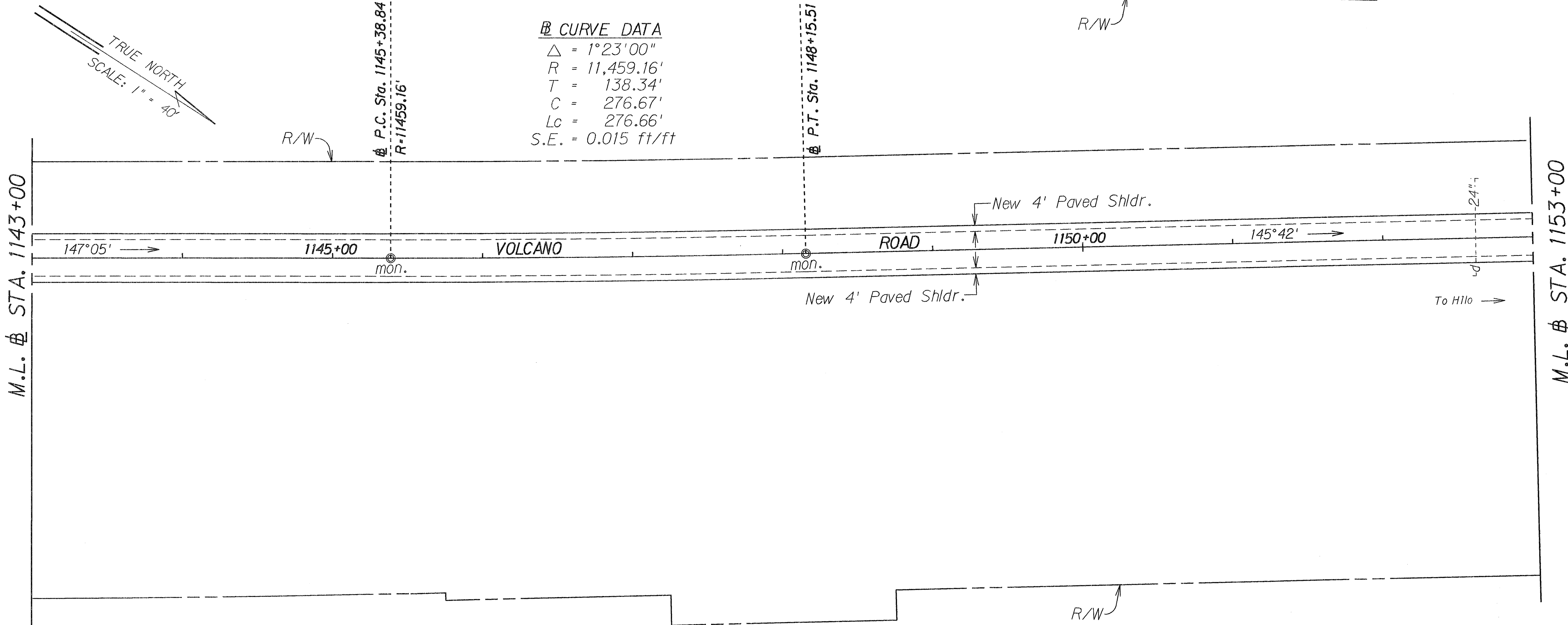
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11N-01-91M	1991	7	23



CURVE DATA
 $\Delta = 1^\circ 23' 00''$
 $R = 11,459.16'$
 $T = 138.34'$
 $C = 276.67'$
 $Lc = 276.66'$
 $S.E. = 0.015 \text{ ft/ft}$

P.C. Sta. 1145+38.84
 $R = 11,459.16'$

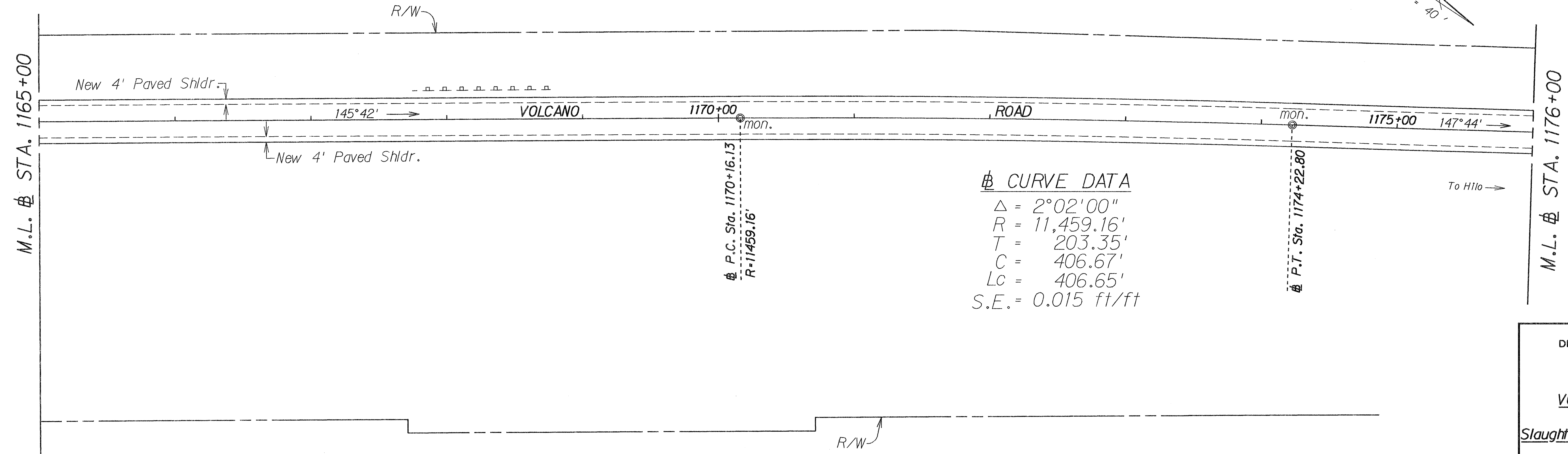
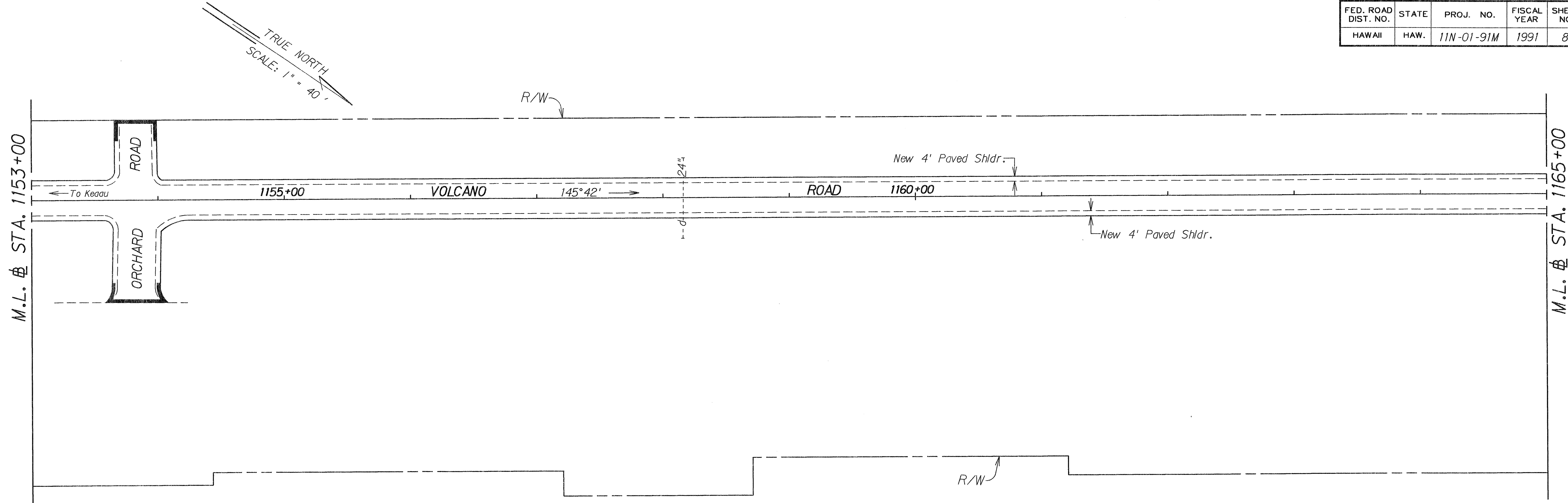
P.T. Sta. 1148+15.51



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PLAN
VOLCANO ROAD RESURFACING
OUTBOUND LANES
Slaughter House Road to Panaewa Bridge
PROJECT NO. 11N-01-91M
Scale: 1" = 40' Date: Apr 11, 1991
SHEET No. 2 OF 8 SHEETS

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

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11N-01-91M	1991	8	23



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

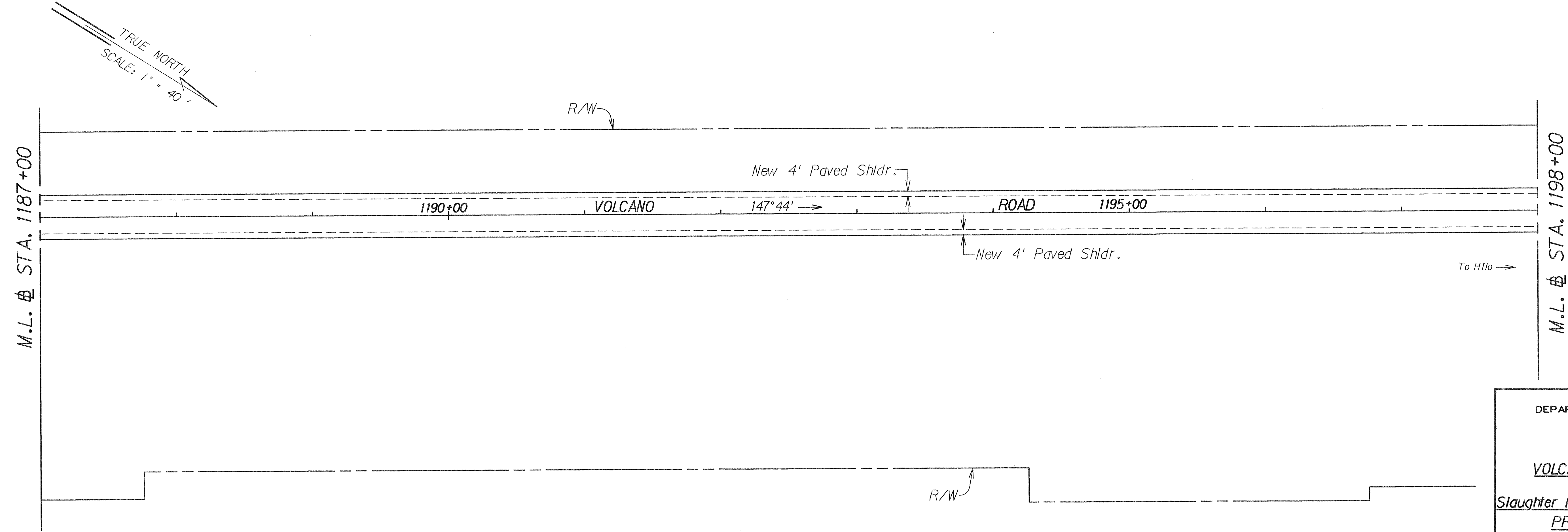
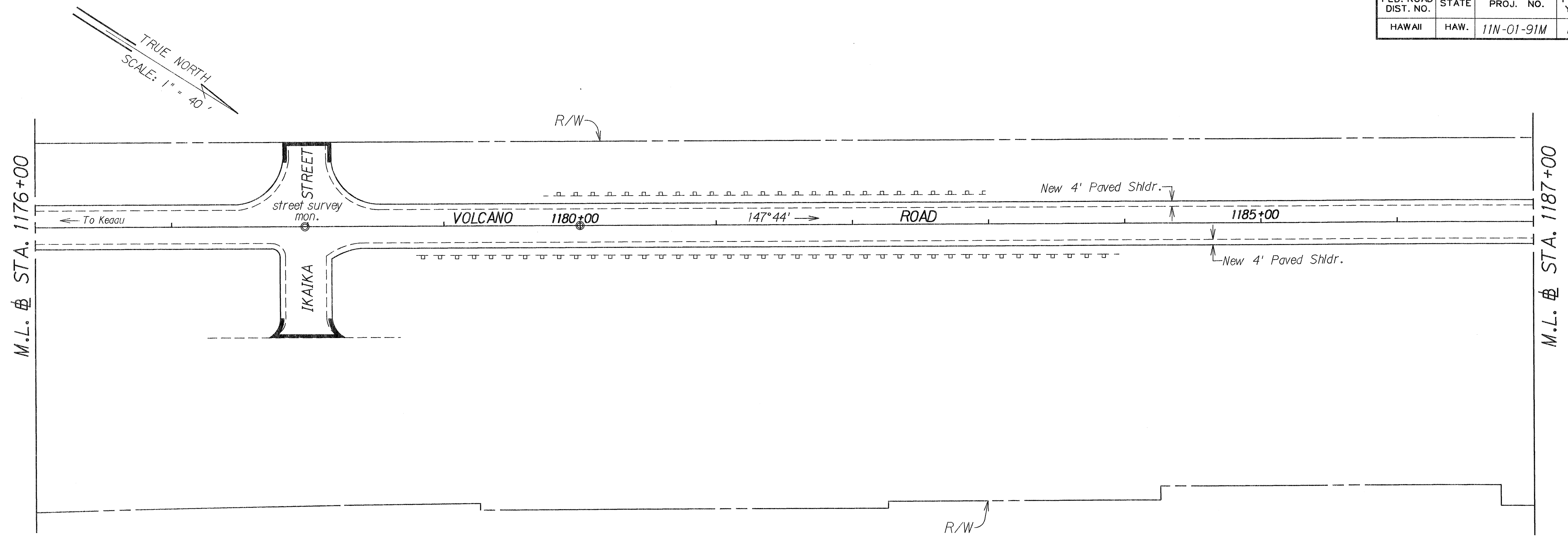
PLAN

VOLCANO ROAD RESURFACING
OUTBOUND LANES
Slaughter House Road to Panaewa Bridge
PROJECT NO. 11N-01-91M

Scale: 1" = 40' Date: Apr 11, 1991

SHEET No. 3 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11N-01-91M	1991	9	23



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
N.	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

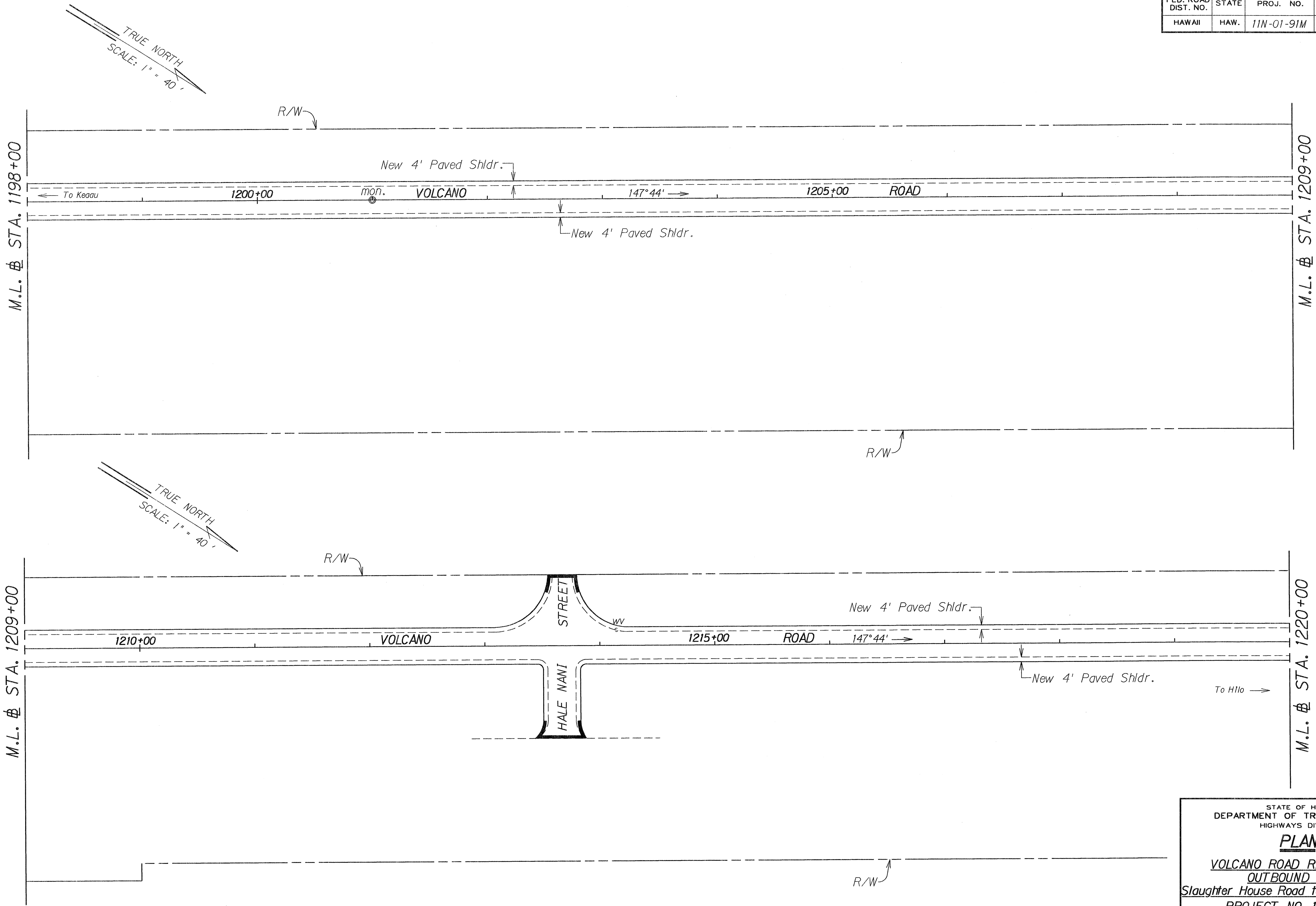
PLAN

**VOLCANO ROAD RESURFACING
OUTBOUND LANES**
Slaughter House Road to Panaewa Bridge
PROJECT NO. 11N-01-91M

Scale: 1" = 40' Date: April, 1991

SHEET No. 4 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11N-01-91M	1991	10	23



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

**VOLCANO ROAD RESURFACING
OUTBOUND LANES**

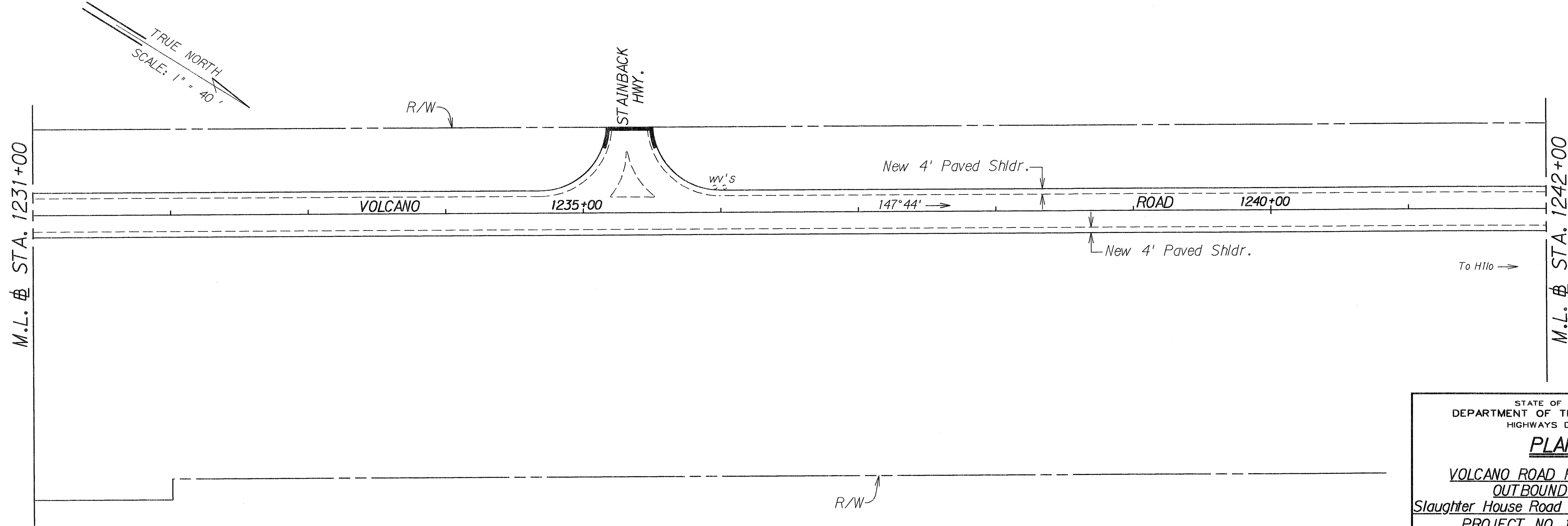
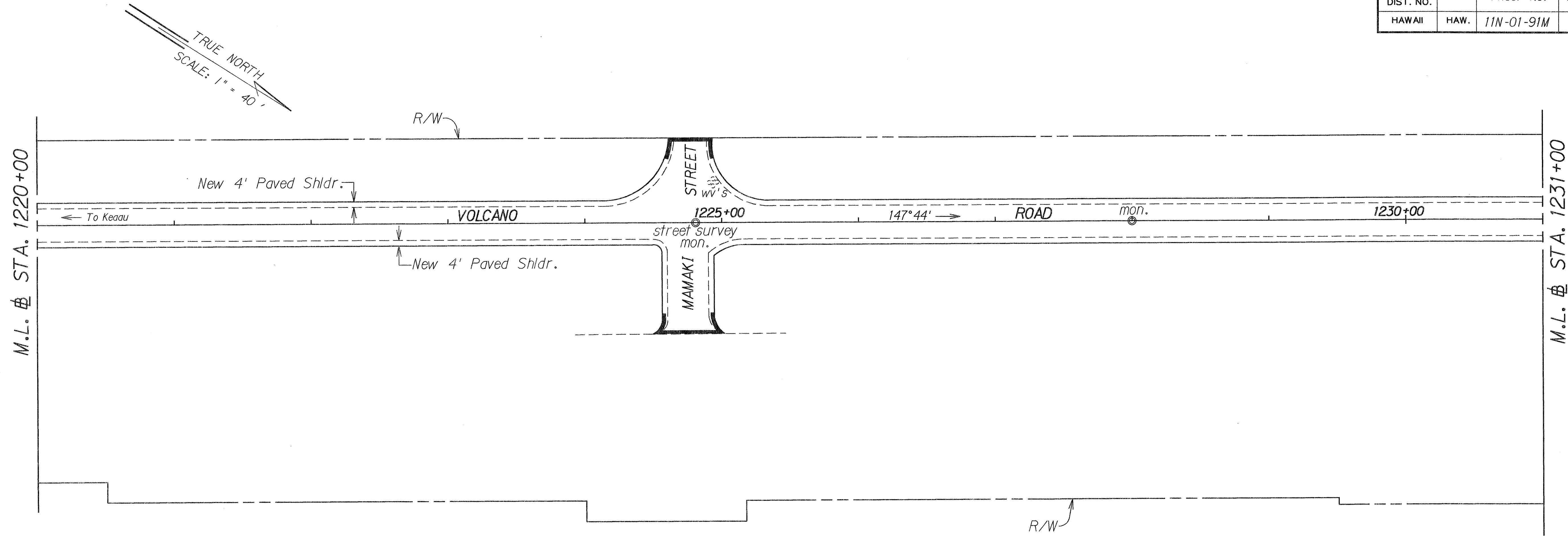
Slaughter House Road to Panaewa Bridge

PROJECT NO. 11N-01-91M

Scale: 1" = 40' Date: April, 1991

SHEET No. 5 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11N-01-91M	1991	11	23



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

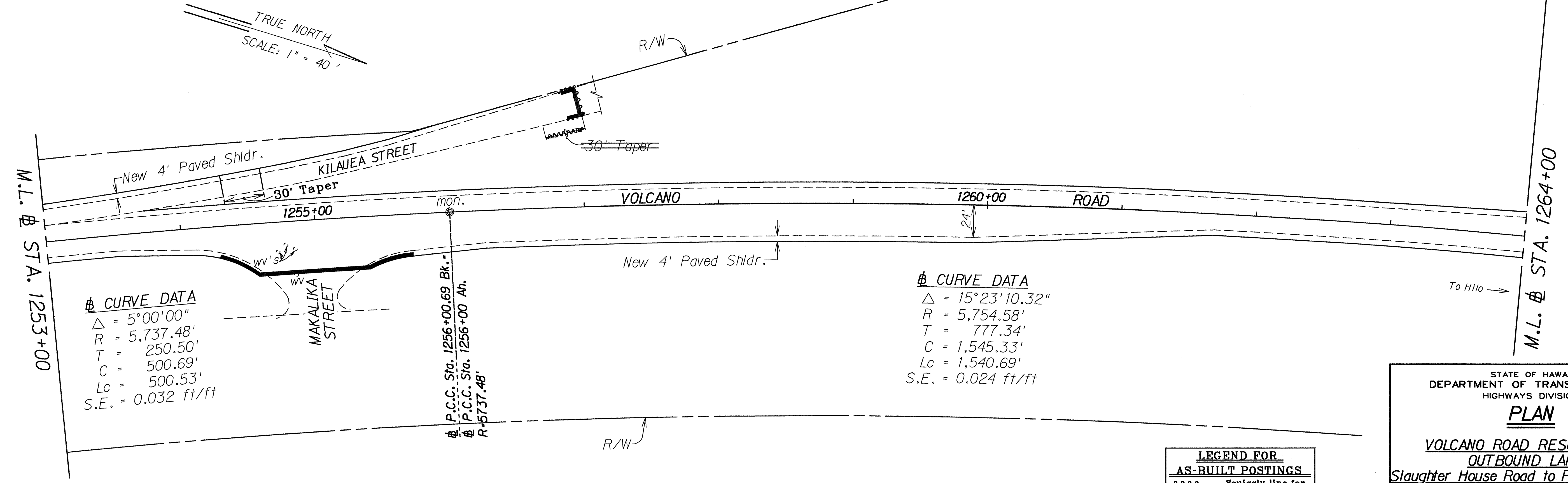
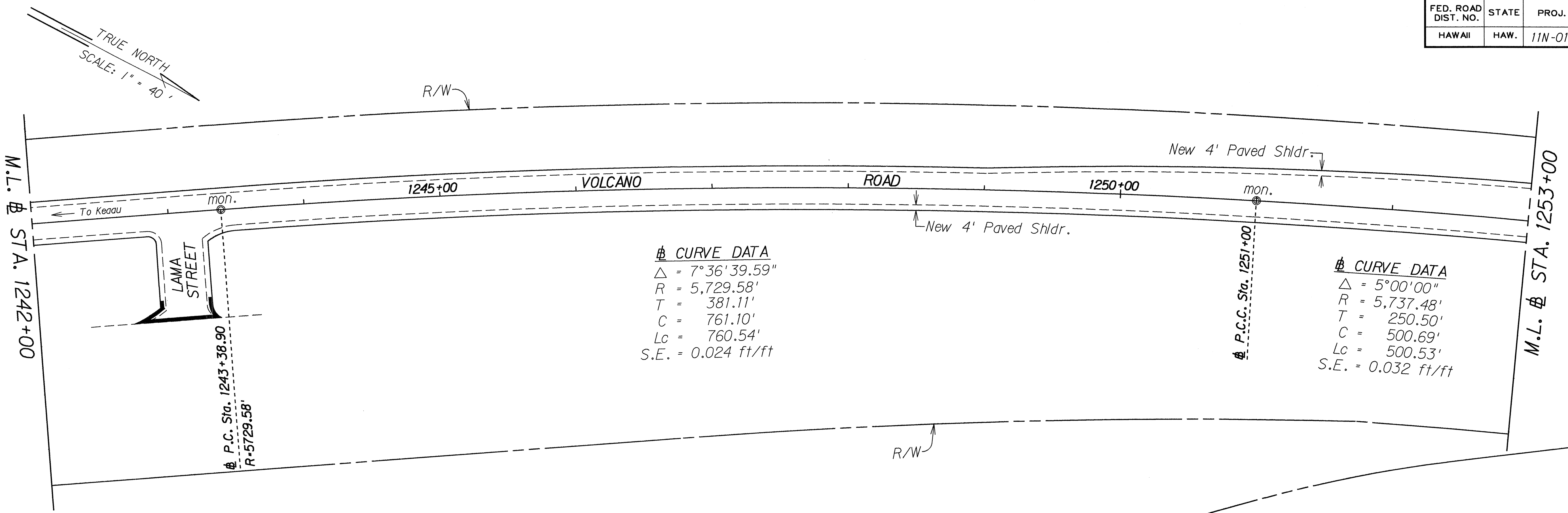
PLAN

**VOLCANO ROAD RESURFACING
OUTBOUND LANES**
Slaughter House Road to Panawea Bridge
PROJECT NO. 11N-01-91M

Scale: 1" = 40' Date: April, 1991

SHEET No. 6 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11N-01-91M	1991	12	23



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

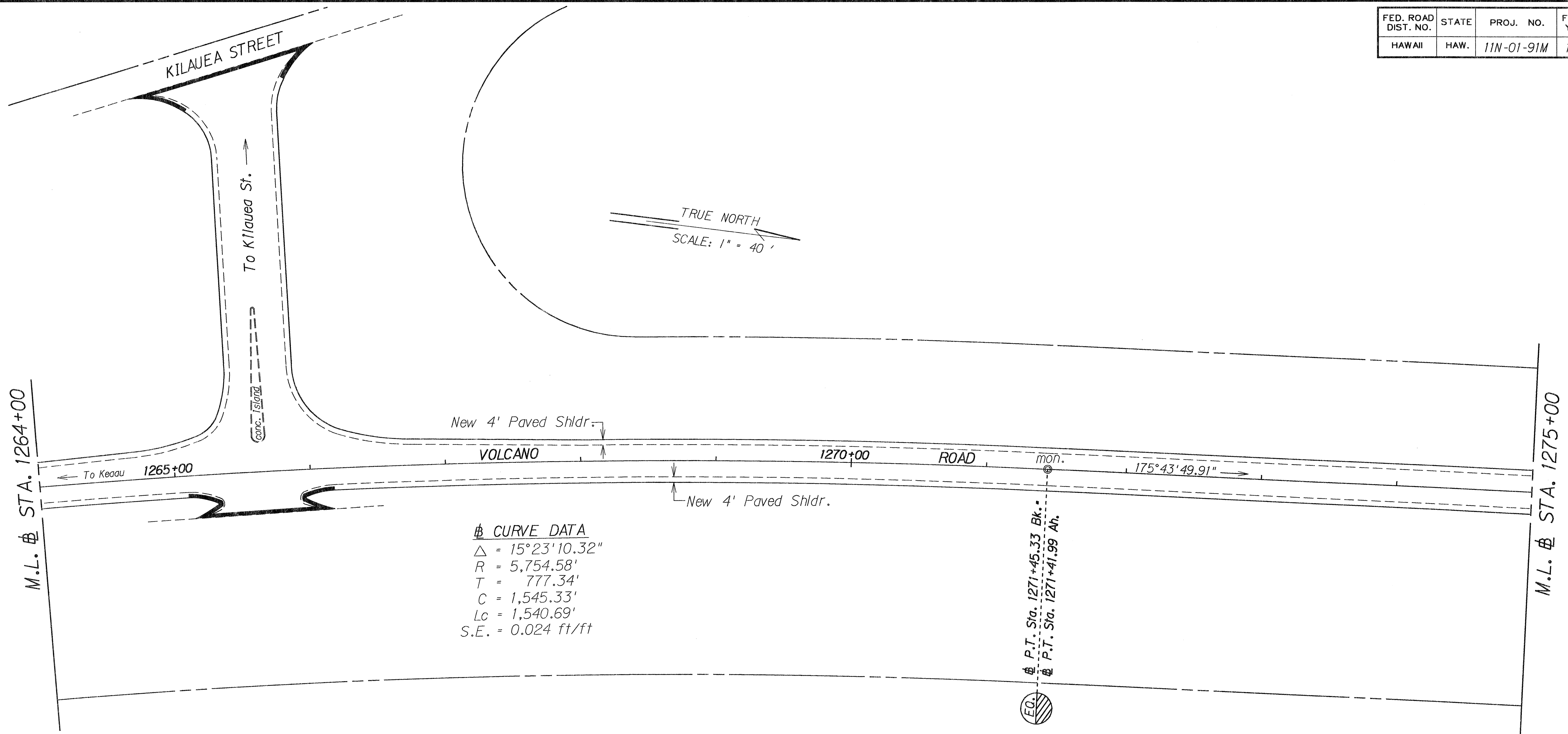
LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
	Text for as-built posting

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

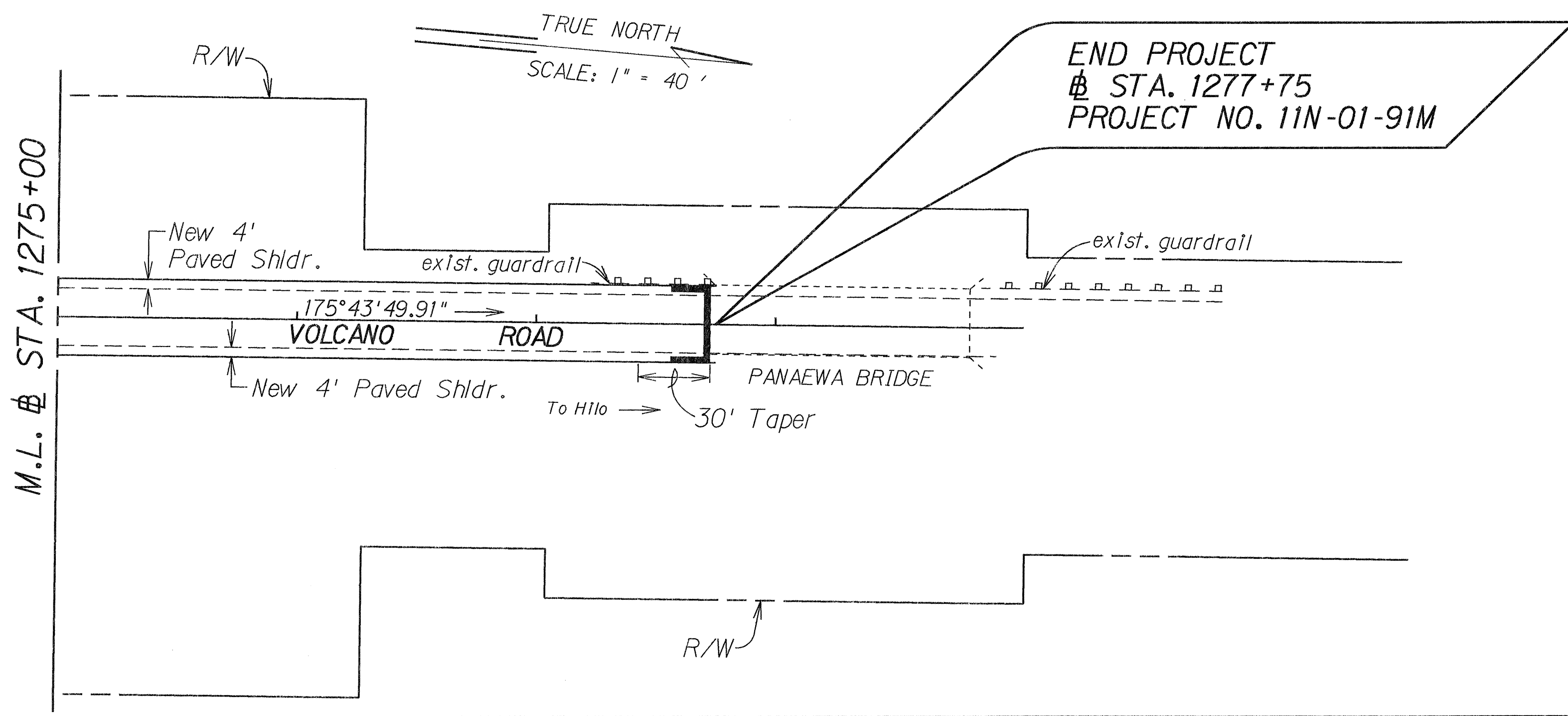
PLAN
VOLCANO ROAD RESURFACING
OUTBOUND LANES
Slaughter House Road to Panaewa Bridge
PROJECT NO. 11N-01-91M

Scale: 1" = 40'
Date: April, 1991
SHEET No. 7 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11N-01-91M	1991	13	23



Δ CURVE DATA
Δ = 15°23'10.32\"/>



END PROJECT
Sta. 1277+75
PROJECT NO. 11N-01-91M

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PLAN
VOLCANO ROAD RESURFACING
OUTBOUND LANES
Slaughter House Road to Panaewa Bridge
PROJECT NO. 11N-01-91M
Scale: 1" = 40' Date: April, 1991
SHEET No. 8 OF 8 SHEETS

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