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STATE	PROJECT	SHEET NO.
HI	HI STP SR50(2)	B3

CONSTRUCT AND MAINTAIN DIVERSION (ROADWAY BYPASS)  
SUMMARY (Item 65001-1000)

DESCRIPTION	ITEM NUMBER	UNIT	QUANTITY
CONSTRUCTION SURVEY AND STAKING ①	FIO	MILE	0.14
SOIL EROSION CONTROL, SILT FENCE ①	FIO	LNFT	770
48-INCH PIPE CULVERT ①	FIO	LNFT	40
SOIL EROSION CONTROL, CHECK DAM ①	FIO	EACH	11
WASTE ① ③	FIO	CUYD	1850
EMBANKMENT CONSTRUCTION ① ④	FIO	CUYD	1850
ROADWAY AGGREGATE, METHOD 2 ①	FIO	TON	622
ASPHALT CONCRETE PAVEMENT ①	FIO	TON	433
SHEET PILE, IN PLACE ①	FIO	LNFT	100
CLEARING AND GRUBBING ①	FIO	ACRE	0.6
ROLLED EROSION CONTROL PRODUCT, TYPE 4 ①	FIO	ACRE	0.6
SEEDING, DRY METHOD ①	FIO	ACRE	0.6
MULCHING, DRY METHOD ①	FIO	ACRE	0.6
TEMPORARY TRAFFIC CONTROL, CONCRETE BARRIER ①	FIO	LNFT	1490

- Notes:
- ① Item shown is for information only (FIO) and is subsidiary to 65001-1000 CONSTRUCT AND MAINTAIN DIVERSION (ROADWAY BYPASS)
  - 2. 65001-1000 CONSTRUCT AND MAINTAIN DIVERSION includes the removal of all items related to the roadway bypass construction.
  - ③ WASTE quantity represents the earthwork related to the removal of the roadway bypass.
  - ④ EMBANKMENT CONSTRUCTION quantity represents the earthwork related to the installation of the roadway bypass.

TRAFFIC CONTROL SUMMARY

DESCRIPTION	ITEM NO.	UNIT	QUANTITY
SIGN SYSTEM	63301-0000	EACH	①
TEMPORARY TRAFFIC CONTROL, BARRICADE TYPE 3 ④	63502-0600	EACH	2
TEMPORARY TRAFFIC CONTROL, DRUM ④	63502-1300	EACH	12
SIGN ④	63502-2000	EACH	2
TEMPORARY TRAFFIC CONTROL, CRASH CUSHION ④	63502-2100	EACH	4
TEMPORARY TRAFFIC CONTROL, PAVEMENT MARKINGS ④	63503-0700	LNFT	2956
TEMPORARY TRAFFIC CONTROL, CONSTRUCTION SIGN ④	63504-1000	EACH	②
TEMPORARY TRAFFIC CONTROL, FLAGGER ④	63506-0500	HOUR	32
CONSTRUCT AND MAINTAIN DIVERSION	65001-1000	LPSM	③

- Notes:
- ① See Permanent Traffic Control Signs Summary for quantity.
  - ② See Temporary Traffic Control Signs Summary for quantity.
  - ③ See Diversion Summary for quantity estimate.
  - ④ Paid for by Item 63501-0000 TEMPORARY TRAFFIC CONTROL in lump sum format

Note: Work was constructed as designed unless otherwise noted.

AS-BUILT DRAWINGS

PERMANENT TRAFFIC CONTROL SIGNS SUMMARY (Item 63301-0000)

LOCATION	MUTCD CODE	DESCRIPTION	PANEL DIMENSIONS (INCHES X INCHES)	NUMBER OF SIGNS	SIGN POSTS	COMMENTS
				EACH	NO PAY	
WEST APPROACH	OM2-2V	TYPE 2 OBJECT MARKER	6 x 12	4	4	
EAST APPROACH	D10-1	REFERENCE LOCATION SIGN	10 x 18	1	1	
EAST APPROACH	SPECIAL	STATE ROUTE NUMBER	10 x 8	1	1	
PROJECT TOTAL				6	6	

TEMPORARY TRAFFIC CONTROL SIGN SYSTEM SUMMARY (Item 63504-1000)

MUTCD CODE	DESCRIPTION	PANEL DIMENSIONS (INCHES X INCHES)	NUMBER OF SIGNS	COMMENTS
			EACH	
G20-2	END ROAD WORK	36 x 18	2	
W1-6	ARROW WARNING	48 x 24	2	
W3-4	BE PREPARED TO STOP	36 x 36	2	
W13-1P	ADVISORY SPEED	18 x 18	2	
W20-1	ROAD WORK AHEAD	36 x 36	2	
W20-1	ROAD WORK (WITH DISTANCE)	36 x 36	4	
W20-4	ONE LANE ROAD AHEAD	36 x 36	2	
W20-7	FLAGGER	36 x 36	2	
W24-1	DOUBLE RESERVE CURVE (1 LANE)	36 x 36	2	
PROJECT TOTAL			20	

PERMANENT STRIPING SUMMARY

LOCATION	STATION TO STATION	PAVEMENT MARKINGS, TYPE H, SOLID LNFT	RAISED PAVEMENT MARKER EACH
		63401-1500	63406-0000
West Approach	104+21.55 to 106+39.82	655	44
Box Culvert	106+39.82 to 107+08.99	208	14
East Approach	107+08.99 to 109+71.01	973	53
Project Total:		1835	111

- Notes:
- 1. Striping quantities include the travel way edge striping on both sides, a section of single yellow centerline, and a section of double yellow centerline. Match existing striping configuration.
  - 2. 2 raised pavement markers (RPM) per 10 linear feet.



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Signature: [Signature] Expiration Date of the License: 4/30/18

U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION  
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

U.S. CUSTOMARY

TRAFFIC CONTROL AND  
PERMANENT STRIPING  
SUMMARIES