

MICHAEL P. VICTORINO
Mayor

ROWENA M. DAGDAG-ANDAYA
Director

JORDAN MOLINA
Deputy Director

GLEN A. UENO, P.E., L.S.
Development Services Administration

RODRIGO "CHICO" R. RABARA, P.E.
Engineering Division

JOHN R. SMITH, P.E.
Highways Division

Telephone: (808) 270-7845
Fax: (808) 270-7955



COUNTY OF MAUI
DEPARTMENT OF PUBLIC WORKS
200 SOUTH HIGH STREET, ROOM NO. 434
WAILUKU, MAUI, HAWAII 96793

October 9, 2020

Honorable Michael P. Victorino
Mayor, County of Maui
200 South High Street
Wailuku, Hawaii 96793

APPROVED FOR TRANSMITTAL

Michael P. Victorino 10/15/20
Mayor Date

For Transmittal to:

Honorable Alice Lee, Council Chair
and Members of Maui County Council
200 South High Street
Wailuku, Hawaii 96793

**SUBJECT: IOLANI STREET, LIHOLANI STREET, AND MAKANI ROAD
PAVEMENT RECONSTRUCTION
FEDERAL-AID PROJECT NO. STP-0900(099)**

Dear Council Chair Lee and Members:

In accordance with Ordinance No. 5099, Bill No. 64, Appendix A, Fiscal Year 2021 Budget, we are transmitting to you a copy of the Request for Project Authorization, Agreement, and/or Modification approving the federal funds to advertise this project for bids.

Thank you for your attention to this matter. If you have any questions, please call Wendy Kobashigawa of our Engineering Division at Extension 7745.

Sincerely,

A handwritten signature in blue ink, appearing to read "Rowena M. Dagdag-Andaya".

ROWENA M. DAGDAG-ANDAYA
Director of Public Works

RMDA:wykk (ED20-1215)
Attachment

xc: Michele Yoshimura, Budget Director

COUNTY COMMUNICATION NO. 20-515

RECEIVED
2020 OCT 14 AM 9:49
OFFICE OF THE MAYOR

OFFICE OF THE
COUNTY CLERK

2020 OCT 16 AM 10:06

RECEIVED

DAVID Y. IGE
GOVERNOR



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

JADE T. BUTAY
DIRECTOR

Deputy Directors
LYNN A. S. ARAKI-REGAN
DEREK J. CHOW
ROSS M. HIGASHI
EDWIN H. SNIFFEN

IN REPLY REFER TO:
HWY-DD 2.3626

August 31, 2020

Mr. Rodrigo "Chico" R. Rabara, Chief
County of Maui
Department of Public Works
Engineering Division
200 South High Street, Room No. 410
Wailuku, Hawaii 96793

Attention: Ms. Wendy Kobashigawa

Dear Mr. Rabara:

Subject: Iolani Street, Liholani Street and Makani Road Pavement Reconstruction
Federal-Aid Project No. STP-0900(099)

We approve the final Plans, Specifications and Estimate and grant authority to advertise this project. Enclosed is a copy of the revised form Authorization/Agreement.

Should you have any questions, please contact Li Nah Okita of our Design Section, Design Branch, Highways Division at (808) 692-7581 or by email at Li.Nah.Okita@hawaii.gov and reference letter number HWY-DD 2.3626 as noted above.

Sincerely,

A handwritten signature in black ink, appearing to read "Sergio" followed by a stylized flourish.

SERGIO GEORGE G. ABCEDE
Acting Highways Administrator

Enclosure

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
MEMORANDUM

HWY-DD 2.2469
DATE: July 21, 2020

TO: SERGIO GEORGE G. ABCEDE, ACTING HWY

FROM: KAREN CHUN, HWY-D *Karen Chun*

SUBJECT: APPROVAL OF PLANS, SPECIAL PROVISIONS AND ESTIMATE (PS&E)
TO OBLIGATE FUNDS FOR IOLANI STREET, LIHOLANI STREET, AND
MAKANI ROAD PAVEMENT RECONSTRUCTION, FEDERAL-AID
PROJECT NO. STP-0900(099), DISTRICT OF MAKAWAO, ISLAND OF
MAUI

Construction Plans, Special Provisions and Engineer's Preliminary Detail Estimate are on file in HWY-DD. Please call Li Nah Okita at (808) 692-7581 for review of these items.

Enclosed is one copy of each of the following project data:

1. PS&E Checklist
2. Justification for Contract Time

The construction project engineer for this project will be Cathy Hasfurther.

☒ APPROVED ☐ DISAPPROVED



SERGIO GEORGE G. ABCEDE
Acting Highways Administrator

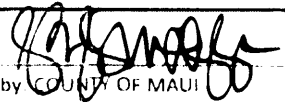
Jul 22, 2020

Date

Enclosures

MSK: mrk

c: HWY-DD (LNO), HWY-SM, HWY-M, HWY-A

From: HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION To: FEDERAL HIGHWAY ADMINISTRATION HAWAII DIVISION OFFICE "In accordance with HDOT/FHWA Stewardship Oversight Agreement"		REQUEST FOR PROJECT AUTHORIZATION, AGREEMENT, AND/OR MODIFICATION <input checked="" type="checkbox"/> Authorization Modified Project Agreement <input checked="" type="checkbox"/> Project Agreement Modification No. <small>The state agrees that as a condition to payment of the federal funds obligated, it accepts and will comply with the agreement provisions set forth in 23 CFR 630, and its signature constitutes the making of the certificates.</small>				
FEDERAL PROJECT NO. 0900099	RECIPIENT PROJECT NO. STP-0900(099)	HDOT ITEM NO. 20048	DUNS 168818466	COUNTY Maui County		
Period of Performance End Date: CON 3/1/2025	INDIRECT COST RATE (%) not applicable	STIP REFERENCE 2020 MC27	PODI Yes <input checked="" type="checkbox"/> No	CFDA Number 20.205		
Project Title: Maui Cnty - Iolani Street, Liholani Street, and Makani Road Pavement Reconstruction (C)						
Project Description (2000 characters max): Pavement rehabilitation, utility removal and installation, pavement striping and signing						
AUTHORIZED TO PROCEED WITH THE WORK CHECKED BELOW: PRELIMINARY ENGINEERING (PE1) - Preliminary Design and NEPA CONSTRUCTION - Advertise for Receipt of Bids PRELIMINARY ENGINEERING (PE2) - Final Design CONSTRUCTION - Proceed on an agreed price and/or force account basis PRELIMINARY RIGHT-OF-WAY OTHER (R&D, specify) ACQUISITION OF RIGHT-OF-WAY						
FUNDING	DATE (MM/DD/YY)	TOTAL ESTIMATE PROJECT COST (\$)	FEDERAL PARTICIPATION AMOUNT (\$)	FEDERAL FUNDS(\$)	PGM CODE	RATIO(%)
PREVIOUS AUTHORIZATIONS						
THIS AUTHORIZATION	8/13/2020	\$52,503.28 \$2,135,215.09 \$13,694,708.75	\$52,503.28 \$2,135,215.09 \$11,813,457.42	\$42,002.62 \$1,708,172.07 \$9,450,765.94	M2E1 Z231 Z240	80.00% 80.00% 80.00%
PROGRAM CODE TOTALS		\$52,503.28 \$2,135,215.09 \$13,694,708.75	\$52,503.28 \$2,135,215.09 \$11,813,457.42	\$42,002.62 \$1,708,172.07 \$9,450,765.94	M2E1 Z231 Z240	80.00% 80.00% 80.00%
GRAND TOTAL		\$15,882,427.12	\$14,001,175.79	\$11,200,940.63		
Remarks/Reason for Project Agreement Modification <div style="display: flex;"> <div style="flex: 1;"> STATE COMMENTS: This agreement requests authorization to advertise for receipt of bids and obligation of funds. This agreement is subject to the following award terms: http://edocket.access.gpo.gov/2010/pdf/2010-22705.pdf and http://edocket.access.gpo.gov/2010/pdf/2010-22706.pdf. </div> <div style="flex: 1;"> FHWA COMMENTS: See FHWA Division remarks in FMIS </div> </div>						
C o u n t y	By signature of its authorized signatory herein, the County of Maui hereby affirms its agreement to the terms herein as a subagreement between the State of Hawaii and the County of Maui in accordance with and set forth in Agreement Modification No. 001 of the STATE COUNTY AGREEMENT OF FEDERAL HIGHWAY PROJECTS AND PROGRAM.		See FHWA Division remarks in FMIS			
	 7/20/2020 by <u>COUNTY OF MAUI</u> Date DUNS No. 077680155					
H D O T	Electronically signed in FMIS Authorized by _____ Date _____		See FMIS for signatures Authorized by _____ Date _____			

HAWAII DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAIL ESTIMATE FOR
A FEDERAL-AID PROJECT AGREEMENT

FOR

Iolani Street, Liholani Street and Makani Road Pavement Reconstruction

Federal-Aid Project No. BR-0900(099)

7/15/2020

	<u>TOTAL COST</u>	<u>PAR COST</u>	<u>FEDERAL SHARE (80%)</u>	<u>COUNTY SHARE (20%)</u>	<u>OTHERS SHARE</u>
PRGM CODE M2E1 @ 80% (STP 5-200K POP MAP21 EXTENSION)					
04 - Reconstruction	\$52,503.28	\$52,503.28	\$42,002.62	\$10,500.66	\$0.00
PRGM CODE Z231 @ 80% (STBG 5-200 POP FASTG)					
04 - Reconstruction	\$2,135,215.09	\$2,135,215.09	\$1,708,172.07	\$427,043.02	\$0.00
PRGM CODE Z240 @ 80% (SURFACE TRANSP BLOCK GRTS-FLEX)					
04 - Reconstruction	\$10,065,694.86	\$10,065,694.86	\$8,052,555.89	\$2,013,138.97	\$0.00
31 - Landscaping (Non-par)	\$15,750.00	\$0.00	\$0.00	\$15,750.00	\$0.00
43 - Utilities	\$1,547,462.80	\$1,438,246.77	\$1,150,597.42	\$287,649.35	\$109,216.03
17 - Construction Engineering	<u>\$2,065,801.09</u>	<u>\$309,515.79</u>	<u>\$247,612.63</u>	<u>\$1,818,188.46</u>	<u>\$0.00</u>
Subtotal Z240	\$13,694,708.75	\$11,813,457.42	\$9,450,765.94	\$4,134,726.79	\$109,216.03
TOTAL PROJECT	\$15,882,427.12	\$14,001,175.79	\$11,200,940.63	\$4,572,270.46	\$109,216.03

Remarks: This agreement requests authorization to advertise for receipt of bids and obligation of funds.

FEDERAL AID IDENTIFICATION NUMBER (FAIN)			Date Prepared: 7/15/20			
			Modification No.			
FEDERAL PROJECT NO. 0900099	RECIPIENT PROJECT NO. STP-0900(099)			SUB RECIPIENT Maui County		
Project Title: Maui Cnty - Iolani Street, Liholani Street, and Makani Road Pavement Reconstruction (C)						
FUNDING	DATE (MM/DD/YY)	TOTAL ESTIMATE PROJECT COST (\$)	FEDERAL PARTICIPATION AMOUNT (\$)	FEDERAL FUNDS(\$)	PGM CODE	FAIN No.
PREVIOUS AUTHORIZATIONS						
THIS AUTHORIZATION (SUBAWARD)	See FHWA authorization date on PR-1240	\$52,503.28	\$52,503.28	\$42,002.62	M2E1	150900099M2E11
		\$2,135,215.09	\$2,135,215.09	\$1,708,172.07	Z231	150900099Z2311
		\$10,065,694.86	\$10,065,694.86	\$8,052,555.89	Z240	150900099Z2401
		\$15,750.00	\$0.00	\$0.00	Z240	150900099Z2402
		\$1,547,462.80	\$1,438,246.77	\$1,150,597.42	Z240	150900099Z2403
		\$2,065,801.09	\$309,515.79	\$247,612.63	Z240	150900099Z2404
CURRENT TOTAL		\$52,503.28	\$52,503.28	\$42,002.62	M2E1	
		\$2,135,215.09	\$2,135,215.09	\$1,708,172.07	Z231	
		\$10,065,694.86	\$10,065,694.86	\$8,052,555.89	Z240	
		\$15,750.00	\$0.00	\$0.00	Z240	
		\$1,547,462.80	\$1,438,246.77	\$1,150,597.42	Z240	
		\$2,065,801.09	\$309,515.79	\$247,612.63	Z240	

FOR ALL COUNTY PROJECTS, ATTACH THIS FORM WITH THE PR-1240

FAIN Number formatting (format continues with project to closeout regardless if a new FAIN format was in effect at that time)

Projects initially authorized 11/1/2010 to present: (example: 051234567L03E1)

FAIN No: = 15 + 7 digit Federal Project Number + 4 alpha numeric Prog. Code + FMIS Detail Line Number (for lines 1 - 9: use 1 digit)

Pre 12/1/2009 projects: (example: H083389876543)

FAIN = H+ss (State FIPS) + rrr (3 character program code) + ppppppp (7 digit federal project number)

12/1/2009 to 10/31/2010 projects: (example: 16L05E1234444027)

FAIN = ss (State FIPS) + rrr (4 character prog. Code) + ppppppp (7 digit federal project number) + ccc (county)

Blue = Populated from previous tab

FEDERAL-AID PROGRAM DATA										STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAY DIVISION		
PROJECT LOCATION(45) Iolani St., Liholani St., and Makani Rd. Pavement Reconstruction					COUNTY		STANDARD PLACE CODE	STATE		ITEM NO		
					NAME	CODE		NAME	CODE			
					Maui		009	Hawaii		15	20048	
CHARACTER OF PROPOSED WORK (85) CON for Pavement Rehabilitation				EMERG YR	DEMO ID	PROJECT NUMBER			PROJECT OVERSIGHT			
						PREFIX LETTER(S)	NUMBER	AGR. NO.	<input checked="" type="checkbox"/> Delegated/Locally administered <input type="checkbox"/> On NHS / Full FHWA oversight <input type="checkbox"/> Not on NHS/full FHWA oversight			
						STP	0900	(009)				
CLASS OF FEDERAL FUNDS STP 5-200K PoP MAP21 Extension, STBG 5-200 PoP FASTG Surface Transp Block GRTS-Flex					APPROPRIATION CODE M2E1, Z231, Z240		PARENT CODE	RURAL/URBAN Urban	NAME OF URBAN AREA Makawao			
ROUTE NO. AND NAME		INVENTORY NO.	MILEPOINT	TO	MILEPOINT	FUNCTIONAL SYSTEM		FEDERAL-AID SYSTEM		CONGRESSIONAL DISTRICT		
3610 - Iolani Street			0.23		1.62	Urban Minor Collector		Other Federal-Aid Highway		2		
3620 - Liholani Street			0.00		0.85							
3630 - Makani Road			0.07		0.45							
PHASE	TERMINI (FULL DESCRIPTION) (INCLUDE NBI STRUCTURE NO.)	MILES	ESTIMATED PROJECT COST BY PHASES					SCOPE OF PROPOSED WORK				
			TOTAL ESTIMATED COST	PARTICIPATING AMOUNT	FEDERAL FUNDS (80 %)	COUNTY FUNDS	OTHER FUNDS					
PE	Route 3610, Iolani Street								CON for Pavement Rehabilitation, no added capacity			
ROW	Route 3620, Liholani Street (Pukalani St-Aina Lani Dr)											
CON	Route 3630, Makani Road (Old Haleakala Hwy-Haleakala Hwy)	2.62	\$15,882,427.12	\$14,001,175.79	\$11,200,940.63	\$4,572,270.46	\$109,216.03					
PREPARED BY W. Kobashigawa/ C. Yamasaki		PROJECT TOTALS	2.62	\$15,882,427.12	\$14,001,175.79	\$11,200,940.63	\$4,572,270.46	\$109,216.03				
PROJECT TITLE Iolani Street, Liholani Street and Makani Road Pavement Reconstruction								ENVIRONMENTAL CLEARANCE				
RELATED PROJECTS:								EIS	CATEGORICAL EXCLUSION			
IMPROVEMENT TYPE: 04 - Reconstruction, 31 - Landscaping, 43 - Utilities, 17 - CENG								EA	PROGRAMMATIC - 23 CFR-771.117(c)(1)			
REMARKS: Right of way acquisition is not required.								FONSI	<input checked="" type="checkbox"/> STATE DOCUMENTED - 23 CFR 771.117(d)			
Subrecipient County of Maui		Subaward Period of Performance Start Date	See PR1240.3 "THIS AUTHORIZATION date stamp by FHWA		Subaward Period of Performance End Date	CON 12/01/2024		Date prepared by DOT: July 15, 2020	REQUIRED FOR CONSTRUCTION PHASE Estimated Construction NTP date: 2/2021			

COUNTY OF MAUI
DEPARTMENT OF PUBLIC WORKS
WAILUKU, MAUI

ENGINEER'S PRELIMINARY DETAIL ESTIMATE

FOR

IOLANI STREET, LIHOLANI STREET, AND MAKANI ROAD

PAVEMENT RECONSTRUCTION

FEDERAL-AID PROJECT NO. STP-0900 (099)

DISTRICT OF MAKAWAO

ISLAND OF MAUI

July 14, 2020

ENGINEER'S PRELIMINARY DETAIL ESTIMATE

Page 2

7/14/2020

TYPE CODE: 04 - RECONSTRUCTION - NO ADDED CAPACITY

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
201.0100	Clearing and Grubbing (0.25 Acres)	L.S.	L.S.	L.S.	\$ 7,500.00
202.0440	Removal of Existing Signs	31	Each	\$ 250.00	\$ 7,750.00
202.0441	Removal of Existing Concrete Curb and Gutter	627	L.F.	\$ 35.00	\$ 21,945.00
202.0442	Removal of Existing Concrete Rolled Curb	1,718	L.F.	\$ 20.00	\$ 34,360.00
202.0443	Removal of Existing Concrete Curb	812	L.F.	\$ 15.00	\$ 12,180.00
202.0444	Removal of Existing Concrete Sidewalk and Curb Ramps	1,752	Sq. Yd.	\$ 85.00	\$ 148,920.00
202.0445	Removal of Existing Reinforced Concrete Pavement	716	Sq. Yd.	\$ 100.00	\$ 71,600.00
202.0446	Removal of Existing Concrete Driveway	483	Sq. Yd.	\$ 90.00	\$ 43,470.00
202.0447	Removal of Existing CRM Inlet and Outlet Structures	2	Each	\$ 5,000.00	\$ 10,000.00
202.0448	Removal of Existing Concrete Swale	622	L.F.	\$ 30.00	\$ 18,660.00
202.0449	Removal of Existing Asphalt Pavement	43,719	Sq. Yd.	\$ 15.00	\$ 655,785.00
202.0450	Removal of Existing Drain Inlet	15	Each	\$ 4,000.00	\$ 60,000.00
202.0451	Removal of Existing Drain Manhole	5	Each	\$ 3,500.00	\$ 17,500.00

ENGINEER'S PRELIMINARY DETAIL ESTIMATE

Page 3

7/14/2020

TYPE CODE: 04 - RECONSTRUCTION - NO ADDED CAPACITY

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
202.0458	Removal of Existing 18-inch CMP Drainline	468	L.F.	\$ 100.00	\$ 46,800.00
202.0459	Removal of Existing 24-inch CMP Drainline	450	L.F.	\$ 100.00	\$ 45,000.00
202.0460	Removal of Existing 30-inch CMP Drainline	783	L.F.	\$ 100.00	\$ 78,300.00
202.0461	Removal of Existing 36-inch CMP Drainline	57	L.F.	\$ 110.00	\$ 6,270.00
202.0462	Removal of Existing 42-inch CMP Drainline	110	L.F.	\$ 120.00	\$ 13,200.00
202.0463	Removal of Existing Chainlink Fence	13	L.F.	\$ 20.00	\$ 260.00
202.1050	Removal of Existing Storm Drain Manhole Concrete Collar	1	Each	\$ 510.00	\$ 510.00
202.1060	Removal of Existing Sewer Manhole Concrete Collar	25	Each	\$ 510.00	\$ 12,750.00
202.1070	Removal of Existing Waterline Valve Concrete Collar	92	Each	\$ 400.00	\$ 36,800.00
202.1071	Removal of Existing Waterline Manhole Concrete Collar	3	Each	\$ 510.00	\$ 1,530.00
202.1080	Removal of Existing Guardrail	140	L.F.	\$ 30.00	\$ 4,200.00
202.2000	Removal of Existing Palm Tree	1	Each	\$ 750.00	\$ 750.00
203.0100	Roadway Excavation	12,750	Cu. Yd.	\$ 60.00	\$ 765,000.00
205.0100	Structure Excavation for Retaining Wall	23	Cu. Yd.	\$ 100.00	\$ 2,300.00

ENGINEER'S PRELIMINARY DETAIL ESTIMATE

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7/14/2020

TYPE CODE: 04 - RECONSTRUCTION - NO ADDED CAPACITY

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
205.0200	Structure Excavation for Twin Culvert	149	Cu. Yd.	\$ 100.00	\$ 14,900.00
205.1100	Structure Backfill for Retaining Wall	6	Cu. Yd.	\$ 150.00	\$ 900.00
205.1200	Structure Backfill Low Density Cellular Concrete	110	Cu. Yd.	\$ 500.00	\$ 55,000.00
205.1300	Filter Material	3	Cu. Yd.	\$ 200.00	\$ 600.00
209.1000	Installation, Maintenance, Monitoring and Removal of BMP	L.S.	L.S.	L.S.	\$ 150,000.00
209.2000	Additional Water Pollution, Dust and Erosion Control	F.A.	F.A.	F.A.	\$ 50,000.00
301.1000	Hot Mix Asphalt Base Course	10,540	Ton	\$ 135.00	\$ 1,422,900.00
304.1000	Aggregate Base Course	7,368	Cu. Yd.	\$ 135.00	\$ 994,680.00
305.1000	Aggregate Subbase Course	170	Cu. Yd.	\$ 125.00	\$ 21,250.00
401.1000	HMA Pavement, Mix No. IV	6,436	Ton	\$ 150.00	\$ 965,400.00
401.1100	Speed Table	7	Each	\$ 5,000.00	\$ 35,000.00
401.1200	Speed Hump	5	Each	\$ 4,200.00	\$ 21,000.00
411.0100	Concrete Pavement	716	S.Y.	\$ 150.00	\$ 107,400.00

ENGINEER'S PRELIMINARY DETAIL ESTIMATE

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7/14/2020

TYPE CODE: 04 - RECONSTRUCTION - NO ADDED CAPACITY

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
415.1000	Cold Planing	1,415	Sq. Yd.	\$ 10.00	\$ 14,150.00
417.0100	Geogrid	43,605	Sq. Yd.	\$ 7.00	\$ 305,235.00
503.1020	Concrete for Retaining Wall	11	Cu. Yd.	\$ 1,500.00	\$ 16,500.00
503.2000	Concrete Headwall	21	Cu. Yd.	\$ 3,000.00	\$ 63,000.00
503.2100	Concrete Slab on Grade	42	Cu. Yd.	\$ 1,500.00	\$ 63,000.00
503.3000	Concrete Structural Slab	27	Cu. Yd.	\$ 2,000.00	\$ 54,000.00
503.4000	Concrete Outlet Structure	27	Cu. Yd.	\$ 2,000.00	\$ 54,000.00
503.5000	Concrete Grade Adjustment Wall (Type "A")	100	L.F.	\$ 60.00	\$ 6,000.00
503.5100	Concrete Grade Adjustment Wall (Type "B")	116	L.F.	\$ 75.00	\$ 8,700.00
503.6100	Concrete Pad and Cutoff Wall - Inlet #K-1	6	Cu. Yd.	\$ 1,700.00	\$ 10,200.00
503.6200	Concrete Pad and Cutoff Wall - Outfall #L-3	6	Cu. Yd.	\$ 1,700.00	\$ 10,200.00
503.6500	Concrete Thru Gutter - Modified Section	124	L.F.	\$ 120.00	\$ 14,880.00
503.7000	Reinforced Concrete Jacket for 36-inch Drainlines	54	L.F.	\$ 500.00	\$ 27,000.00
503.7100	Reinforced Concrete Jacket for 30-inch Drainlines	56	L.F.	\$ 450.00	\$ 25,200.00

ENGINEER'S PRELIMINARY DETAIL ESTIMATE

Page 6

7/14/2020

TYPE CODE: 04 - RECONSTRUCTION - NO ADDED CAPACITY

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
508.1030	Cement Rubble Masonry - Outlet Structure for 24-Inch Drainline	2	Each	\$ 12,500.00	\$ 25,000.00
508.1035	Cement Rubble Masonry - Outlet Structure for 30-Inch Drainline	1	Each	\$ 15,000.00	\$ 15,000.00
508.1100	Cement Rubble Masonry - Inlet #K-1	16	Cu. Yd.	\$ 600.00	\$ 9,600.00
508.1110	Cement Rubble Masonry - Outfall #L-3	14	Cu. Yd.	\$ 600.00	\$ 8,400.00
512.1000	Fiberglass Reinforced Plastic Railing	150	L.F.	\$ 400.00	\$ 60,000.00
603.1000	Bed Course Material for Culvert	431	Cu. Yd.	\$ 125.00	\$ 53,875.00
603.7400	42-Inch High Density Polyethylene Pipe, Type S	110	L.F.	\$ 450.00	\$ 49,500.00
603.7500	36-Inch High Density Polyethylene Pipe, Type S	54	L.F.	\$ 400.00	\$ 21,600.00
603.7600	30-Inch High Density Polyethylene Pipe, Type S	743	L.F.	\$ 300.00	\$ 222,900.00
603.7700	24-Inch High Density Polyethylene Pipe, Type S	515	L.F.	\$ 275.00	\$ 141,625.00
603.7710	24-Inch Reinforced Concrete Pipe, Class IV	16	L.F.	\$ 275.00	\$ 4,400.00
603.7720	24-Inch x 18-Inch Reinforced Concrete Box Culvert, Class IV	87	L.F.	\$ 325.00	\$ 28,275.00
603.7800	18-Inch High Density Polyethylene Pipe, Type S	352	L.F.	\$ 275.00	\$ 96,800.00
603.9000	Debris Barrier	18	Each	\$ 750.00	\$ 13,500.00

ENGINEER'S PRELIMINARY DETAIL ESTIMATE

Page 7

7/14/2020

TYPE CODE: 04 - RECONSTRUCTION - NO ADDED CAPACITY

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
604.0100	Adjusting Drain Manhole Cast Iron Frame and Cover	1	Each	\$ 1,500.00	\$ 1,500.00
604.0614	Type B Catch Basin (11.00 to 11.99 Feet)	1	Each	\$ 26,500.00	\$ 26,500.00
604.0630	Type C Catch Basin (4.00 to 4.99 Feet)	1	Each	\$ 18,000.00	\$ 18,000.00
604.0631	Type C Catch Basin (5.00 to 5.99 Feet)	2	Each	\$ 19,500.00	\$ 39,000.00
604.0632	Type C Catch Basin (7.00 to 7.99 Feet)	2	Each	\$ 20,500.00	\$ 41,000.00
604.0634	Type C Catch Basin (8.00 to 8.99 Feet)	3	Each	\$ 21,500.00	\$ 64,500.00
604.0642	Type D Catch Basin (8.00 to 8.99 Feet)	1	Each	\$ 18,500.00	\$ 18,500.00
604.0650	Type E Catch Basin (6.00 to 6.99 Feet)	1	Each	\$ 22,000.00	\$ 22,000.00
604.0655	Type E1 Modified Catch Basin (6.00 to 6.99 Feet)	1	Each	\$ 23,500.00	\$ 23,500.00
604.0660	Grated Inlet Catch Basin (Type 2A-9P)	1	Each	\$ 17,500.00	\$ 17,500.00
604.0661	Grated Inlet Catch Basin (Type 1211216P)	1	Each	\$ 17,500.00	\$ 17,500.00
604.0662	Grated Inlet Catch Basin (Type 3, 4'x4')	1	Each	\$ 12,500.00	\$ 12,500.00
604.0663	Grated Inlet Catch Basin (Type 61614P)	1	Each	\$ 15,000.00	\$ 15,000.00
604.0671	Type A Storm Drain Manhole (5.00 to 5.99 Feet)	1	Each	\$ 15,000.00	\$ 15,000.00

ENGINEER'S PRELIMINARY DETAIL ESTIMATE

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TYPE CODE: 04 - RECONSTRUCTION - NO ADDED CAPACITY

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
604.0672	Type A Storm Drain Manhole (6.00 to 6.99 Feet)	1	Each	\$ 16,500.00	\$ 16,500.00
604.0673	Type B Storm Drain Manhole (6.00 to 6.99 Feet)	2	Each	\$ 17,500.00	\$ 35,000.00
604.0674	Type B Storm Drain Manhole (11.00 to 11.99 Feet)	1	Each	\$ 21,500.00	\$ 21,500.00
604.0675	Type C Storm Drain Manhole (11.00 to 11.99 Feet)	1	Each	\$ 25,500.00	\$ 25,500.00
604.0690	Modified Sidewalk Culvert	6	Each	\$1,500.00	\$ 9,000.00
604.0830	Connection of New Drainline to Existing Structure	4	Each	\$ 7,500.00	\$ 30,000.00
606.0100	Guardrail Type 3, Midwest Guardrail System	83	L.F.	\$ 150.00	\$ 12,450.00
606.0200	Transition Section - MGS Transition to Strong Post Guardrail	28	L.F.	\$ 200.00	\$ 5,600.00
606.0300	End Section Type RWE03A	3	Each	\$ 750.00	\$ 2,250.00
606.0400	End Anchorage Section - Trailing-End Anchorage System	70	L.F.	\$ 200.00	\$ 14,000.00
607.0100	4-Feet Chain Link Fence	30	L.F.	\$ 75.00	\$ 2,250.00
607.0200	6-Feet Chain Link Fence	254	L.F.	\$ 100.00	\$ 25,400.00
607.0300	Chain Link Gate, 6 Feet High and 12 Feet Wide	2	Each	\$ 1,500.00	\$ 3,000.00
607.0400	Restoration of 4-Feet Chain Link Fence	88	L.F.	\$ 65.00	\$ 5,720.00
607.0500	Restoration of 6-Feet Chain Link Fence	123	L.F.	\$ 80.00	\$ 9,840.00
610.1000	(6-Inch) Reinforced Concrete Driveway	670	S.Y.	\$ 250.00	\$ 167,500.00

ENGINEER'S PRELIMINARY DETAIL ESTIMATE

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TYPE CODE: 04 - RECONSTRUCTION - NO ADDED CAPACITY

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
610.2000	4'-0" Concrete Swale	668	L.F.	\$ 150.00	\$ 100,200.00
612.1000	Grouted Rubble Paving	160	C.Y.	\$ 450.00	\$ 72,000.00
613.1000	Reconstructing Centerline and Reference Survey Monuments	40	Each	\$ 750.00	\$ 30,000.00
614.0100	Reconstructing Street Survey Monuments	28	Each	\$ 2,300.00	\$ 64,400.00
619.0920	Root Barrier	38	L.F.	\$ 150.00	\$ 5,700.00
619.0930	Landscape and Irrigation Restoration	L.S.	L.S.	L.S.	\$ 30,000.00
628.0100	Shotcrete for Twin Culverts	141	Cu. Yd.	\$ 2,500.00	\$ 352,500.00
629.1010	4-Inch Yellow Pavement Striping (Thermoplastic Extrusion)	24,550	L.F.	\$ 2.50	\$ 61,375.00
629.1020	4-Inch White Pavement Striping (Thermoplastic Extrusion)	19,350	L.F.	\$ 2.50	\$ 48,375.00
629.1060	8-Inch White Pavement Striping (Thermoplastic Extrusion)	94	L.F.	\$ 6.50	\$ 611.00
629.1070	12-Inch White Pavement Striping (Thermoplastic Extrusion)	665	L.F.	\$ 8.00	\$ 5,320.00
629.1080	Crosswalk Marking (Thermoplastic Extrusion)	133	Lane	\$ 500.00	\$ 66,500.00
629.1090	Pavement Arrow (Thermoplastic Extrusion)	10	Each	\$ 400.00	\$ 4,000.00
629.1100	Pavement Word "Yield" (Thermoplastic Extrusion)	1	Each	\$ 550.00	\$ 550.00
629.1110	Pavement Word "Bump" (Thermoplastic Extrusion)	10	Each	\$ 500.00	\$ 5,000.00

ENGINEER'S PRELIMINARY DETAIL ESTIMATE

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7/14/2020

TYPE CODE: 04 - RECONSTRUCTION - NO ADDED CAPACITY

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
629.1120	Pavement Word "Stop" (Thermoplastic Extrusion)	38	Each	\$ 500.00	\$ 19,000.00
629.1130	Pavement Symbol "Golf Cart Crossing" (Thermoplastic Extrusion)	6	Each	\$ 800.00	\$ 4,800.00
629.1140	Pavement Symbol "Yield" (Thermoplastic Extrusion)	2	Each	\$ 550.00	\$ 1,100.00
629.1150	Pavement Symbol "Speed Table/Raised Crosswalk" (Thermoplastic Extrusion)	7	Each	\$ 2,400.00	\$ 16,800.00
629.1160	Pavement Symbol "Speed Hump" (Thermoplastic Extrusion)	5	Each	\$ 1,300.00	\$ 6,500.00
629.1210	Type "C" Pavement Marker	495	Each	\$ 8.00	\$ 3,960.00
629.1220	Type "D" Pavement Marker	630	Each	\$ 9.00	\$ 5,670.00
629.1230	Type "DB" Pavement Marker	37	Each	\$ 30.00	\$ 1,110.00
629.1240	Curb, Type "PR" Marking (Paint)	160	L.F.	\$ 25.00	\$ 4,000.00
630.1000	Street Name Sign	20	Each	\$ 200.00	\$ 4,000.00
631.1000	Relocation of Existing Sign	4	Each	\$ 500.00	\$ 2,000.00
631.5100	Regulatory and Warning Sign (10 S.F. or Less) with Post	114	Each	\$ 600.00	\$ 68,400.00
631.5200	Regulatory and Warning Sign (10 S.F. or Less) without Post	167	Each	\$ 200.00	\$ 33,400.00

ENGINEER'S PRELIMINARY DETAIL ESTIMATE

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TYPE CODE: 04 - RECONSTRUCTION - NO ADDED CAPACITY

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
631.5300	Regulatory and Warning Sign - (Dual "State Law - Stop") with Tuff Curb XLP Unit	3	Each	\$ 750.00	\$ 2,250.00
631.5400	Type II Object Marker	40	Each	\$ 120.00	\$ 4,800.00
631.5410	Type II Object Marker With Post	1	Each	\$ 220.00	\$ 220.00
632.2000	Tubular Markers	143	Each	\$ 700.00	\$ 100,100.00
634.1000	Portland Cement Concrete Sidewalk	1,947	Sq. Yd.	\$ 120.00	\$ 233,640.00
638.1100	Curb and Gutter, Type 2	1,082	L.F.	\$ 185.00	\$ 200,170.00
638.1150	Curb and Gutter; Type 2 - Rolled Curb	1,263	L.F.	\$ 75.00	\$ 94,725.00
638.1200	Curb, Type 2 (Standard 6-Inch)	1,064	L.F.	\$ 40.00	\$ 42,560.00
641.0100	Hydro-Mulch Seeding (Seashore Paspalum, Hydrosprig)	L.S.	L.S.	L.S.	\$ 12,500.00
644.0100	Repair of Existing Sprinkler System	F.A.	F.A.	F.A.	\$ 25,000.00
645.1000	Traffic Control	L.S.	L.S.	L.S.	\$ 400,000.00
645.2000	Additional Police Officers, Additional Traffic Control Devices and Advertisement	F.A.	F.A.	F.A.	\$ 100,000.00
648.1000	Field Posted Drawings	L.S.	L.S.	L.S.	\$ 5,000.00
650.3000	Curb Ramp, Type B	16	Each	\$ 7,200.00	\$ 115,200.00

ENGINEER'S PRELIMINARY DETAIL ESTIMATE

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TYPE CODE: 04 - RECONSTRUCTION - NO ADDED CAPACITY

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
650.3100	Curb Ramp, Type B Modified	29	Each	\$ 7,900.00	\$ 229,100.00
650.3200	Curb Ramp, Type B Combination	2	Each	\$ 7,200.00	\$ 14,400.00
650.4000	Curb Ramp, Type C	2	Each	\$ 3,500.00	\$ 7,000.00
650.5000	Curb Ramp, Conc. Pad	21	Each	\$ 1,500.00	\$ 31,500.00
650.5500	Curb Ramp, Detectable Warning Tile Only	2	Each	\$ 800.00	\$ 1,600.00
651.0100	Fluid Applied Chemical Grout	700	Cu. Ft.	\$ 300.00	\$ 210,000.00
653.0100	Removal of Damaged Culvert Sections	300	Sq. Yd.	\$ 100.00	\$ 30,000.00
694.1000	Concrete Masonry Units	59	L.F.	\$ 350.00	\$ 20,650.00
694.1100	Repair Concrete Masonry Units	37	L.F.	\$ 250.00	\$ 9,250.00
699.1000	Mobilization (Not to Exceed 6% of the Sum of All Items Excluding the Bid Price of This Item)	L.S.	L.S.	L.S.	\$ 660,561.36
SUM OF ALL ITEMS					\$ 11,669,917.36
Contingencies (5%)					\$ 583,495.87
SUBTOTAL					\$ 12,253,413.23
Construction Engineering (15%)					\$ 1,838,011.98
TOTAL CONSTRUCTION COST					\$ 14,091,425.21

ENGINEER'S PRELIMINARY DETAIL ESTIMATE

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7/14/2020

TYPE CODE: 31 - LANDSCAPING & OTHER SCENIC BEAUTIFICATION (NON-PAR)

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
643.0100	Maintenance of Existing Landscape Areas	F.A.	F.A.	F.A.	\$ 15,000.00
SUM OF ALL ITEMS					\$ 15,000.00
Contingencies (5%)					\$ 750.00
SUBTOTAL					\$ 15,750.00
Construction Engineering (15%)					\$ 2,362.50
TOTAL CONSTRUCTION COST					\$ 18,112.50

ENGINEER'S PRELIMINARY DETAIL ESTIMATE

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7/14/2020

TYPE CODE: 43 - UTILITIES

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
202.0210	Removal of Existing 6-inch Waterline	44	L.F.	\$ 150.00	\$ 6,600.00
202.0220	Removal of Existing 8-inch Waterline	38	L.F.	\$ 180.00	\$ 6,840.00
202.0230	Removal of Existing 12-inch Waterline	112	L.F.	\$ 220.00	\$ 24,640.00
503.2610	Reinforced Concrete Jacket for 6-inch Waterlines	26	L.F.	\$ 550.00	\$ 14,300.00
503.2620	Reinforced Concrete Jacket for 8-inch Waterlines	35	L.F.	\$ 700.00	\$ 24,500.00
503.2630	Reinforced Concrete Jacket for 12-inch Waterlines	90	L.F.	\$ 850.00	\$ 76,500.00
621.1302	2' x 4' Irrigation Handhole	2	Each	\$ 5,000.00	\$ 10,000.00
621.1601	Two 4-Inch PVC Schedule 40 with Muletape, Concrete Encased, Irrigation Conduit	70	L.F.	\$ 130.00	\$ 9,100.00
621.1605	Trenching and Backfill for Irrigation Ductline	80	L.F.	\$ 55.00	\$ 4,400.00
624.0710	8-inch DIP Waterline	43	L.F.	\$ 375.00	\$ 16,125.00
624.0720	12-inch DIP Waterline	125	L.F.	\$ 425.00	\$ 53,125.00
624.1100	Fire Hydrant Assembly (Straight Run; Includes Fittings, Horizontal Thrust Blocks, Pad and Connection to Existing 12" Waterline)	1	Each	\$ 3,850.00	\$ 3,850.00
624.1200	Fire Hydrant Assembly (With Elbow; Includes Fittings, Horizontal Conc. Thrust Blocks, Pad and Connection to Existing 12" Waterline)	1	Each	\$ 5,000.00	\$ 5,000.00
624.1500	Salvage Existing Fire Hydrant	2	Each	\$ 750.00	\$ 1,500.00

ENGINEER'S PRELIMINARY DETAIL ESTIMATE

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7/14/2020

TYPE CODE: 43 - UTILITIES

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
624.3010	ARV Assembly with Type "F" Manhole for Waterlines	5	Each	\$ 3,850.00	\$ 19,250.00
624.7070	Connect to Existing 8-inch Waterline	2	Each	\$ 5,000.00	\$ 10,000.00
624.7080	Connect to Existing 12-inch Waterline	8	Each	\$ 7,500.00	\$ 60,000.00
624.8100	Verification of Water System Depth	F.A.	F.A.	F.A.	\$ 600,000.00
624.8200	Replacement of Existing Water System	F.A.	F.A.	F.A.	\$ 150,000.00
626.1010	Adjust Sewer Manhole Frame and Cover	28	Each	\$ 1,500.00	\$ 42,000.00
626.1220	Adjust Water Manhole Frame and Cover	4	Each	\$ 1,500.00	\$ 6,000.00
626.1230	Adjust Water Valve Frame and Cover	102	Each	\$ 1,350.00	\$ 137,700.00
SUM OF ALL ITEMS					\$ 1,281,430.00
Contingencies (5%)					\$ 64,071.50
SUBTOTAL					\$ 1,345,501.50
Construction Engineering (15%)					\$ 201,825.23
TOTAL CONSTRUCTION COST					\$ 1,547,326.73

ENGINEER'S PRELIMINARY DETAIL ESTIMATE

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TYPE CODE: 43 - UTILITIES, ELECTRICAL

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
621.1101	MECo Streetlight Concrete Foundation	2	Each	\$ 1,800.00	\$ 3,600.00
621.1301	2' x 4' MECo Streetlight Handhole	2	Each	\$ 5,000.00	\$ 10,000.00
621.1602	3-Inch PVC Schedule 40 with Muletape, Concrete Encased, MECo Streetlight Conduit	110	L.F.	\$ 45.00	\$ 4,950.00
621.1604	2-Inch PVC Schedule 40 with Muletape, Concrete Encased, MECo Streetlight Conduit	50	L.F.	\$ 35.00	\$ 1,750.00
621.1606	Trenching and Backfill for MECo Streetlight Ductline	190	L.F.	\$ 55.00	\$ 10,450.00
SUM OF ALL ITEMS					\$ 30,750.00
Contingencies (5%)					\$ 1,537.50
SUBTOTAL					\$ 32,287.50
Construction Engineering (15%)					\$ 4,843.13
TOTAL CONSTRUCTION COST					\$ 37,130.63

ENGINEER'S PRELIMINARY DETAIL ESTIMATE

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7/14/2020

TYPE CODE: 43 - UTILITIES (MAUI ELECTRIC COMPANY, LIMITED)

Utility Agreement No. STP-0900(099)-A

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
621.1001	Demolition of Existing MECo Equipment	1	Each	\$ 10,000.00	\$ 10,000.00
621.1102	MECo Streetlight Concrete Foundation (Utility Agreement)	3	Each	\$ 1,800.00	\$ 5,400.00
621.1302	2' x 4' MECo Streetlight Handhole (Utility Agreement)	4	Each	\$ 5,000.00	\$ 20,000.00
621.1307	Adjust Existing MECo Handhole to New Finish Grade	4	Each	\$ 3,000.00	\$ 12,000.00
621.1603	3-Inch PVC Schedule 40 with Muletape, Concrete Encased, MECo Streetlight Conduit (Utility Agreement)	130	L.F.	\$ 45.00	\$ 5,850.00
621.1605	2-Inch PVC Schedule 40 with Muletape, Concrete Encased, MECo Streetlight Conduit (Utility Agreement)	30	L.F.	\$ 35.00	\$ 1,050.00
621.1607	Trenching and Backfill for MECo Streetlight Ductline (Utility Agreement)	160	L.F.	\$ 55.00	\$ 8,800.00
SUM OF ALL ITEMS					\$ 63,100.00
Contingencies (5%)					\$ 3,155.00
SUBTOTAL					\$ 66,255.00
Construction Engineering (15%)					\$ 9,938.25
TOTAL COST OF ALL MECO ITEMS					\$ 76,193.25
Total Work/Material by the County and/or its Contractor = Total MECO Items					\$ 76,193.25
Total Work/Material by the Company and/or its Contractor					\$ 32,593.79

ENGINEER'S PRELIMINARY DETAIL ESTIMATE

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TYPE CODE: 43 - UTILITIES (MAUI ELECTRIC COMPANY, LIMITED)

Utility Agreement No. STP-0900(099)-A

Total Cost of Relocation/Replacement	\$	108,787.04
Less Deductions	\$	-
Net Cost of Relocation	\$	108,787.04
Less Cost Sharing Arrangements (as per HRS Section 264-33)	\$	10,000.00
Net Amount	\$	98,787.04
County Share	\$	49,393.52
Utility Share	\$	59,393.52
ESTIMATED REIMBURSEMENT (from Utility Agreement)		
Utility Company to County	\$	20,253.11

ENGINEER'S PRELIMINARY DETAIL ESTIMATE

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TYPE CODE: 43 - UTILITIES (HAWAIIAN TELCOM, INC.)

Utility Agreement No. STP-0900(099)-B

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
621.1002	Demolition of Existing HTel Equipment	1	Each	\$ 6,000.00	\$ 6,000.00
621.1305	4'W x 6'-6"L x 6'-6"D HTel Manhole	1	Each	\$ 20,000.00	\$ 20,000.00
621.1306	Adjust Existing Htel Handhole to New Finish Grade	5	Each	\$ 3,000.00	\$ 15,000.00
SUM OF ALL ITEMS					\$ 41,000.00
Contingencies (5%)					\$ 2,050.00
SUBTOTAL					\$ 43,050.00
Construction Engineering (15%)					\$ 6,457.50
TOTAL COST OF ALL HTEL ITEMS					\$ 49,507.50
Total Work/Material by the County and/or its Contractor = Total HTEL Items					\$ 49,507.50
Total Work/Material by the Company and/or its Contractor					\$ 3,789.20
Total Cost of Relocation/Replacement					\$ 53,296.70
Less Deductions					\$ -
Net Cost of Relocation					\$ 53,296.70
Less Cost Sharing Arrangements (as per HRS Section 264-33)					\$ 10,000.00

ENGINEER'S PRELIMINARY DETAIL ESTIMATE

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TYPE CODE: 43 - UTILITIES (HAWAIIAN TELCOM, INC.)

Utility Agreement No. STP-0900(099)-B

Net Amount	\$	43,296.70
County Share	\$	21,648.35
Utility Share	\$	31,648.35
ESTIMATED REIMBURSEMENT (from Utility Agreement)		
Utility Company to County	\$	23,605.40

ENGINEER'S PRELIMINARY DETAIL ESTIMATE

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7/14/2020

TYPE CODE: 43 - UTILITIES (SPECTRUM OCEANIC, LLC)

Utility Agreement No. STP-0900(099)-C

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
621.1304	18" x 36" Charter Handhole	2	Each	\$ 4,500.00	\$ 9,000.00
621.1308	Adjust Existing Charter Handhole to New Finish Grade	2	Each	\$ 3,000.00	\$ 6,000.00
SUM OF ALL ITEMS					\$ 15,000.00
Contingencies (5%)					\$ 750.00
SUBTOTAL					\$ 15,750.00
Construction Engineering (15%)					\$ 2,362.50
TOTAL COST FOR SPECTRUM ITEMS					\$ 18,112.50
Total Work/Material by the County and/or its Contractor = Total SPECTRUM Items					\$ 18,112.50
Total Work/Material by the Company and/or its Contractor					\$ 8,235.81
Total Cost of Relocation/Replacement					\$ 26,348.31
Less Deductions					\$ -
Net Cost of Relocation					\$ 26,348.31
Less Cost Sharing Arrangements (as per HRS Section 264-33)					\$ 10,000.00

ENGINEER'S PRELIMINARY DETAIL ESTIMATE

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TYPE CODE: 43 - UTILITIES (SPECTRUM OCEANIC, LLC)

Utility Agreement No. STP-0900(099)-C

Net Amount	\$	16,348.31
County Share	\$	8,174.16
Utility Share	\$	18,174.16
ESTIMATED REIMBURSEMENT (from Utility Agreement)		
Utility Company to County	\$	8,382.10

SUMMARY

	CONTRACT ITEMS	CONTINGENCIES	CONSTRUCTION ENGINEERING	COST OF WORK DONE BY OTHERS	TOTAL PROJECT COST	UTILITY SHARE	PARTICIPATING COST	FEDERAL SHARE (80% PAR)	COUNTY SHARE (20% PAR)
RECONSTRUCTION - NO ADDED CAPACITY Type Code 04	\$11,669,917.36	\$583,495.87	\$1,838,011.98	\$0.00	\$12,253,413.23	\$0.00	\$12,253,413.23	\$9,802,730.58	\$2,450,682.65
LANDSCAPING & OTHER SCENIC BEAUTIFICATION (NON-PAR) Type Code 31	\$15,000.00	\$750.00	\$2,362.50	\$0.00	\$15,750.00	\$0.00	\$0.00	\$0.00	\$15,750.00
UTILITIES Type Code 43	\$1,281,430.00	\$64,071.50	\$201,825.23	\$0.00	\$1,345,501.50	\$0.00	\$1,345,501.50	\$1,076,401.20	\$269,100.30
UTILITIES, ELECTRICAL Type Code 43	\$30,750.00	\$1,537.50	\$4,843.13	\$0.00	\$32,287.50	\$0.00	\$32,287.50	\$25,830.00	\$6,457.50
UTILITIES (Maui Electric, Ltd.) UA# STP-0900(099)-A Type Code 43	\$63,100.00	\$3,155.00	\$ 9,938.25	\$32,593.79	\$98,848.79	\$59,393.52	\$39,455.27	\$31,564.22	\$7,891.05
UTILITIES (Hawaiian Telcom, Inc.) UA# STP-0900(099)-B Type Code 43	\$41,000.00	\$2,050.00	\$ 6,457.50	\$3,789.20	\$46,839.20	\$31,648.35	\$15,190.85	\$12,152.68	\$3,038.17
UTILITIES (Spectrum Oceanic, LLC) UA# STP-0900(099)-C Type Code 43	\$15,000.00	\$750.00	\$ 2,362.50	\$8,235.81	\$23,985.81	\$18,174.16	\$5,811.65	\$4,649.32	\$1,162.33
SUBTOTAL CONSTRUCT.	\$13,116,197.36	\$655,809.87	\$2,065,801.09	\$44,618.80	\$13,816,626.03	\$109,216.03	\$13,691,660.00	\$10,953,328.00	\$2,754,082.00
CONSTRUCTION ENGINEERING Type Code 17									
Consult (CM/CSS)	\$0.00	\$0.00	\$1,753,922.80	\$0.00	\$1,753,922.80		\$0.00	\$0.00	\$1,753,922.80
Staff Labor (County)	\$0.00	\$0.00	\$247,612.63	\$0.00	\$247,612.63		\$247,612.63	\$198,090.10	\$49,522.53
Staff Labor (County) - Non-par	\$0.00	\$0.00	\$2,362.50	\$0.00	\$2,362.50		\$0.00	\$0.00	\$2,362.50
Staff Labor (State)	\$0.00	\$0.00	\$61,903.16	\$0.00	\$61,903.16		\$61,903.16	\$49,522.53	\$12,380.63
Subtotal	\$0.00	\$0.00	\$311,878.29	\$0.00	\$311,878.29		\$309,515.79	\$247,612.63	\$64,265.66
SUBTOTAL CENG	\$0.00	\$0.00	\$2,065,801.09	\$0.00	\$2,065,801.09		\$309,515.79	\$247,612.63	\$1,818,188.46
TOTAL CONSTRUCTION COST	\$13,116,197.36	\$655,809.87	\$2,065,801.09	\$44,618.80	\$15,882,427.12	\$109,216.03	\$14,001,175.79	\$11,200,940.63	\$4,572,270.46

Federal Funds Requested: \$11,200,940.63
County Funds Requested: \$4,572,270.46

Justification of Construction Performance Period

(to be submitted with any obligation of Federal Funds for a new construction request)

LEGEND: Orange, Red, Blue = calc. dates Green = input field

Project No: STP-0900(099)

Project Title: Iolani St., Liholani St., & Makani Rd. Pavement Reconstruction

Date Prepared: July 2, 2020

By: W. Kobashigawa

Reviewed: July 6, 2020

By: Cathy Hasfurther



A. FHWA PR-1240 Anticipated Approval:

8/19/2020

Assume 2 weeks plus 30 days for FHWA processing 1240 (total of 5 weeks) from the time a construction obligation request is sent to HWY-SM from the State PM to obligate funds.

(K.) Extension deadline 12/31/2024

B. Time to Notice to Proceed:

180 2/15/2021

180 days is set by FHWA HI Div Policy

C. Time to Start Work Date:

60 4/16/2021

Usually 60 days. This might be adjusted in the section 108 special provisions in certain cases due to environmental factors (bird nesting season), long lead times for ordering materials, permits that require extra time to obtain, etc.

D. Contract time: (convert WD to CD as needed)

610

In addition to the basic contract time, consider time allotment for Lane Closure Restrictions, State and Federal Holidays, No Lane Closure Periods, time to complete Punchlist work, and other contract restrictions when determining this time period.

E. Contingency:

Rain-Outs	13%	79
CCOs	10%	61

Estimate/allow for rainouts in a range of 5%-50%, with historical average at 13%. Justify if choosing a number other than 13%. Rainouts will depend on location (Windward/Mauka/Leeward) and type of work. Allow for initial CCO time contingency of 5%-15%.

F. Substantial Completion Date:

5/6/2023

G. Time To Final Acceptance (Use greater of the following two time periods)

Material Clearance (Letter of Material Certs) 270

Time it takes to obtain letter of material certs. Include time for district to compile documentation, time for HWY-L to review, and time for districts to respond to concern or comments from HWY-L. (10 year historical average 485 cd from final insp.)

Planting and Plant Establishment Period 90

Give one year per standard spec when have Planting Item number. Give 90 days for "restoration" if no planting item, but some vegetation restoration is anticipated within project limits or within staging area limits. Give 0 days if no vegetation is going to be disturbed.

H. Construction Final Acceptance:

1/31/2024

Contractor is given final acceptance when all items are completed and accepted, including all materials and plant items.

I. Time to make final payments to contractor and consultants, post as-builts, close utilities, acquire ROW, and fiscal closeout

Contractor Final Payment	90	4/30/2024
Utility Agreements	485	9/2/2024
As-Builts	455	8/3/2024
CM/CS& Post Des	90	12/1/2024
ROW Acquisition	0	8/19/2020
Fiscal Closeout	90	3/1/2025

Final Payment Made to Contract should be 90 days from Final Acceptance 485 Calendar days from Substantial Completion to Utility Final payment. If NO utility agreements, put 0. By CFR, Utility companies MUST bill for services within 1 year from time work is finished (subs comp). Four additional months required for checking bill, negotiation, acquiring funds (if needed), and final payment to utility companies.

455 CD from substantial completion EXCEPT if there are no utility agreements or planting items, this should be 360 CD 90 CD from the later of Utility Agreement Closeout or the As-Builts being Posted. If no consultants, this is 0.

If Cert 1 was acquired prior to obligation, this is 0. Otherwise, use ROW Estimate to calculate additional days needed.

90 CD for billing of payments and accounting adjustments.

J. Project Performance End Date:

3/1/2025

Deadline for State to Close Project with FHWA in FMIS.

Note: Counties need to submit final project reimbursement request 60 days prior to the construction performance end date, so State can bill the FHWA before the date FHWA requires the State to close the project.

K. Last date when any time extension request must be received by FHWA from the State.

12/31/2024

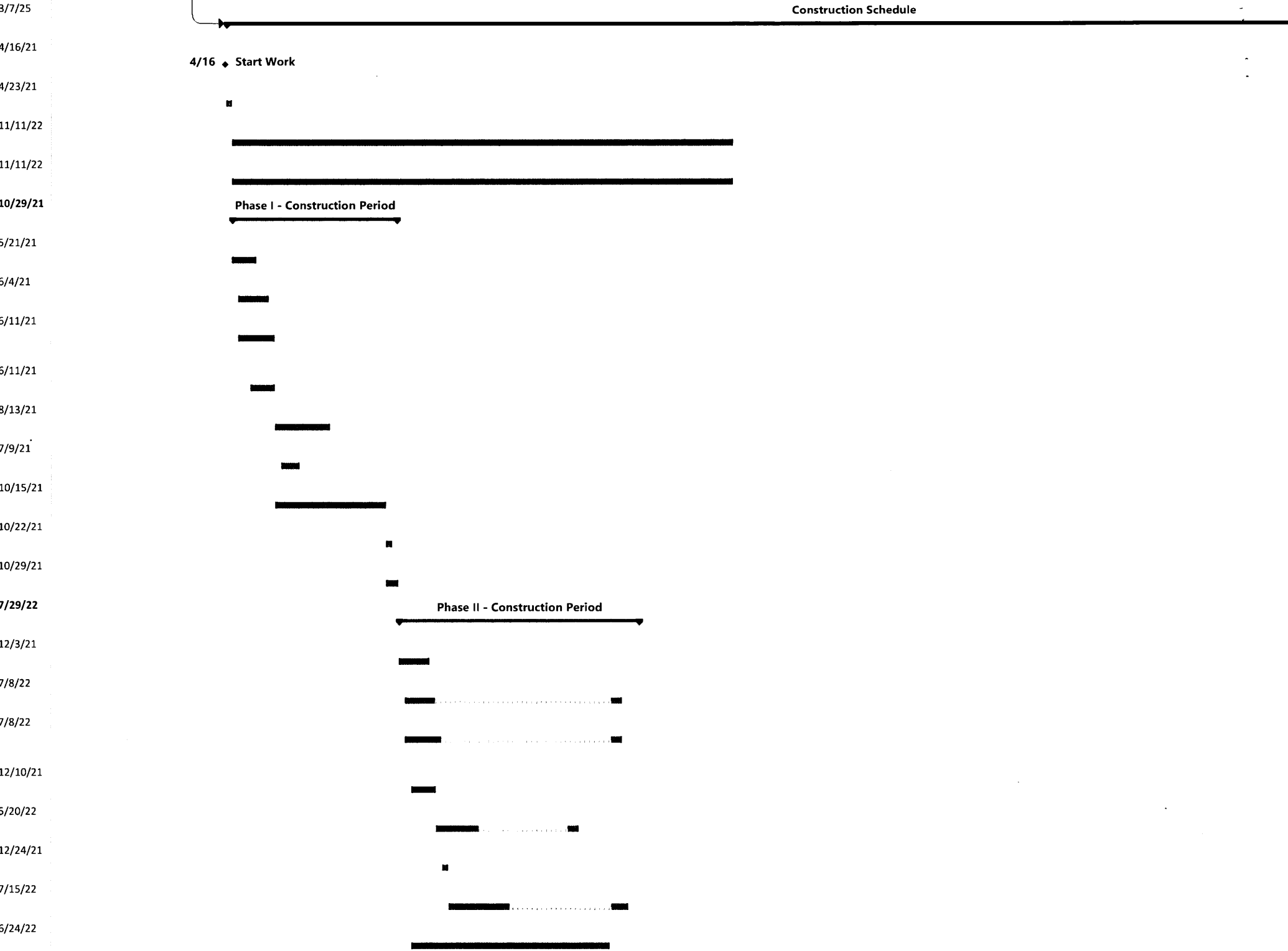
Extensions allowed, received by FHWA 60 days before performance end date.

Note: Counties should submit any extension request 10 days prior to the Construction Performance End Date (G.) above to the State.

L. Final Voucher

5/30/2025

R 10/31/17



7/29/22

11/11/22

8/12/22

9/2/22

9/2/22

9/2/22

9/30/22

10/7/22

10/21/22

11/11/22

11/4/22

11/11/22

5/5/23

2/21/23

5/5/23

5/6/23

1/31/24

1/31/24

4/30/24

9/2/24

8/3/24

12/1/24

3/1/25

3/1/25

Phase III - Construction Period

Contingency

5/6 ♦ Substantial Completion

Material Clearance

1/31 ♦ Construction Final Acceptance

Contractor Final Payment

4/30

Utility Agreement

As-Builts

PS&E CHECKLIST FOR FEDERAL-AID PROJECTS
(To be submitted with PS&E to FHWA)

Project: IOLANI STREET, LIHOLANI STREET, AND MAKANI ROAD PAVEMENT RECONSTRUCTION
Federal-aid Project No.: STP-0900(099)

as of 7/14/20

Description	Action Taken (Letter No.)	Date of Completion
STIP	2020	
Innovative Financing	n/a	
Environmental Documents		
A. CZM Permit	n/a	
B. SMA Permit	n/a	
C. Section 404 Permit	n/a	
D. Section 401 Water Quality Certification (WQC)	n/a	
E. Section 106	On file	SHPD concurred 6/15/20; Log #2020.00955; Doc. No. 2005SH20
F. Section 4(f)	n/a	
G. Section 7 of the Endangered Species Act	On file	NOAA: FHWA concurred 12/9/19 USFWL: PA signed 3/4/20
H. CE, FONSI, or ROD Approval	Cat Ex	Signed 7/6/20
I. Noise Study Report	n/a	
J. Coast Guard Permit	n/a	
K. NPDES Permit	On file	Approved 5/26/20; R10G118.FNL.20
L. 6(f)	n/a	
M. SCAP	n/a	
Environmental Mitigations		
Noise Abatement Measures	n/a	
Right-of-Way Certification	Approved	HWY-RL 3.96223; 7/10/20
Utility Agreement or Memorandum of Understanding		
A. Electric	On file	UA STP-0900(099)-A; 7/2/20
B. Telephone	On file	UA STP-0900(099)-B; 7/6/20
C. Gas	n/a	
D. Water	On file	MOU fully executed 6/2/20
E. Sewer	n/a	
F. Cable T.V.	On file	UA STP-0900(099)-C; 6/23/20
DCAB Project Review	On file	Final document review 6/5/20
Soils Engineering Report	On file	Final report emailed 5/21/20
Structural Foundation Investigation Report	n/a	
Bridge Sufficiency Rating	n/a	
Hydraulic Report, with any Scour Evaluations	n/a	
Permanent BMP Checklist	On file	
Pavement Justification Report	On file	Final report emailed 5/21/20
Traffic Signal Warrants	n/a	
Proprietary Materials	n/a	
Design Exceptions	n/a	
Transportation Management Plan	On file	
Construction Personnel (CM vs. State)	Cathy Hasfurther	
Justification for Contract Time	On file	
Value Engineering	n/a	
Landscape Maintenance Plan	n/a	

r12/09/15

Prepared by: Wendy Kason

Date: 7/14/20

Design Project Engineer

Reviewed by: 1202. JL

Date: 7/14/20

Supervising Design Engineer

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT-OF-WAY BRANCH
MEMORANDUM

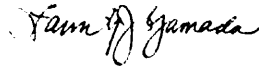
HWY-RL 3.96223

TO: MICHELLE KWAN, HWY-DD

DATE: JULY 10, 2020

THRU: KAREN CHUN, HWY-D

FROM: FAWN Y. YAMADA, HWY-R



SUBJECT: RIGHT-OF-WAY CERTIFICATION
IOLANI STREEET, LIHOLANI STREET AND
MAKANI ROAD PAVEMENT RECONSTRUCTION
PROJECT NO. STP-0900(099)
DISTRICT OF MAKAWAO, ISLAND OF MAUI, HAWAII

We reviewed the County of Maui, Department of Public Works' Right-of-Way Certification dated July 2, 2020 and have accepted it as written. The request for approval to advertise the project for bids will be made with the Plan, Specification, and Estimate submittal.

Should there be any questions, please contact Mr. Cody-Allen Ching of our Land Acquisition Section at (808) 692-7320 or email at cody-allen.s.ching@hawaii.gov.

Fiscal Management Information System

FMISW96A

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Recipient: 15-Hawaii
DUNS: 168818466
Project Status: Active

Project Number: 0900099
Transaction #: 23

Version: Current
Business Month: 08/2020

Project Information

General Information

Recipient Project #: STP-0900(099)
Project Action: New Project
Project Title: MAUI CNTY - IOLANI STREET, LIHOLANI STREET, AND MAKANI ROAD PAVEMENT RECONSTRUCTION (C)
Project Description: Pavement rehabilitation, utility removal and installation, pavement striping and signing

Status Dates

Project Completed:
Project End Date: 3/1/2025
Final Voucher Paid:
Last Payment:
Last Action: 8/13/2020

Authorized Dates

PE:
ROW:
Const.: 8/13/2020
SPR:
Other:

Other Project Information

Project Oversight: Assumed/Locally Administered
STIP Reference: FY2020 MC27
ICR: 0.00

Emergency Relief

Disaster Fiscal Year:
Emergency Relief Eligible:
Disaster Sequence Number:
Emergency Relief Code:

Special Project Groupings

Major: IFP:
Pooled Fund:
Other:

Project Funding

Advance Construction:	\$0.00	Expenditures:	\$0.00
Federal Funds:	\$11,200,940.63	ROW Funds:	\$0.00
State Funds:	\$0.00	Adv. Const. Converted:	\$0.00
Local Funds:	\$4,572,270.46	Soft Match (Active Details):	\$0.00
Private Funds:	\$109,216.03		
Non-Monetary Funds:	\$0.00		
Other Funds:	\$0.00		
Total Cost:	\$15,882,427.12		

Legacy Bridge Data

NBI#	Program Code	Improvement Type
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Recipient Defined Fields

Estimated Construction
Date

Division Defined Fields

Agreement Document Remarks

Fiscal Management Information System

FMISW96A

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Recipient: 15-Hawaii	Project Number: 0900099	Version: Current
DUNS: 168818466	Transaction #: 23	Business Month: 08/2020
Project Status: Active		

Agreement Document Remarks

Recipient Remarks:	7/16/20: This agreement requests authorization to advertise for receipt of bids and obligation of funds. This agreement is subject to the following award terms: http://edocket.access.gpo.gov/2010/pdf/2010-22705.pdf and http://edocket.access.gpo.gov/2010/pdf/2010-22706.pdf .
Division Remarks:	07/06/2020: DOCUMENTATION FOR CATEGORICAL EXCLUSIONS LISTED UNDER 23 CFR 771.117(d) APPROVED BY FHWA. 08/13/2020: NEW PROJECT APPROVED/AUTHORIZED; ESTABLISHED CON PoP END DATE = 03/01/2025.

Related Projects

Recipient	Federal Project #	Project Title	Relationship	Reverse Relationship
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Signatures

First Updated by:	Lannie Marzan	Updated On:	07/16/2020 15:34:41	Mod#	0
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Recipient Signatures

Available Funds Certified By:	Lannie Marzan	Date:	07/20/2020 17:36:21
Approval Recommended By:	Christine Yamasaki	Date:	07/20/2020 18:44:08
Authorization/Modification Requested By:	Christine Yamasaki	Date:	07/20/2020 18:44:08

Division Signatures

Project Info Reviewed By:	Donna Yuen	Date:	08/12/2020 15:18:51
Approval Recommended By:	Wayne Kaneshiro	Date:	08/12/2020 17:47:47
Approved and Authorized By:	Michael Nadeau	Date:	08/13/2020 21:14:29

Fiscal Management Information System

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Recipient: 15-Hawaii
DUNS: 168818466
Project Status: Active

Project Number: 0900099
Transaction #: 23

Version: Current
Business Month: 08/2020

Project Detail Information

Detail Information

Program Code:	M2E1	Recode:	321
Detail Number:	1	Improvement Type:	4-4R - No Added Capacity
Demo ID:		Withdrawal Area:	0
CFDA:		Toll:	N
FAIN:	693JJ22030000M2E1HI0900099	Temp. Match:	N
Prefix:		Appalachia:	N
Safety:	N	Design Build:	N
Indian Reservation:	N	Other SEP14:	N
Construction:	Y	Statewide:	N
CMGC:	N	Highways for Life:	N

Detail Funding

Advance Construction:	\$0.00	Adv. Const. Converted:	\$0.00
Federal Funds:	\$42,002.62	Soft Match:	\$0.00
State Funds:	\$0.00	% Federal Share:	80%
Local Funds:	\$10,500.66		
Private Funds:	\$0.00		
Non-Monetary Funds:	\$0.00		
Other Funds:	\$0.00		
Total Cost:	\$52,503.28		

Recipient Defined Fields

Division Defined Fields

Location-Information

County: Maui	Urban Area: Pukalani--Makawao-- Haiku-Pauwela, HI	Cong. District: Congressional District 2	Ownership: Local
Urban/Rural: Pukalani-- Makawao-- Haiku-Pauwela, HI	Fun. System: Minor Collector	System Code: Not on any Federal-Aid System	
Structure:			

Funding

Adv. Const.:	Federal:	State:	Local:	Private:	Non Money:	Other:	Total Cost:
\$0.00	\$42,002.62	\$0.00	\$10,500.66	\$0.00	\$0.00	\$0.00	\$52,503.28

Fiscal Management Information System

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Recipient: 15-Hawaii
DUNS: 168818466
Project Status: Active

Project Number: 0900099
Transaction #: 23

Version: Current
Business Month: 08/2020

Detail Information

Program Code:	Z231	Recode:	321
Detail Number:	1	Improvement Type:	4-4R - No Added Capacity
Demo ID:		Withdrawal Area:	0
CFDA:		Toll:	N
FAIN:	693JJ22030000Z231HI0900099	Temp. Match:	N
Prefix:		Appalachia:	N
Safety:	N	Design Build:	N
Indian Reservation:	N	Other SEP14:	N
Construction:	Y	Statewide:	N
CMGC:	N	Highways for Life:	N

Detail Funding

Advance Construction:	\$0.00	Adv. Const. Converted:	\$0.00
Federal Funds:	\$1,708,172.07	Soft Match:	\$0.00
State Funds:	\$0.00	% Federal Share:	80%
Local Funds:	\$427,043.02		
Private Funds:	\$0.00		
Non-Monetary Funds:	\$0.00		
Other Funds:	\$0.00		
Total Cost:	\$2,135,215.09		

Recipient Defined Fields

Division Defined Fields

Location-Information

County: Maui	Urban Area: Pukalani--Makawao-- Haiku-Pauwela, HI	Cong. District: Congressional District 2	Ownership: Local
Urban/Rural: Pukalani-- Makawao-- Haiku-Pauwela, HI	Fun. System: Minor Collector	System Code: Not on any Federal-Aid System	
Structure:			

Funding

Adv. Const.:	Federal:	State:	Local:	Private:	Non Money:	Other:	Total Cost:
\$0.00	\$1,708,172.0	\$0.00	\$427,043.02	\$0.00	\$0.00	\$0.00	\$2,135,215.09

Fiscal Management Information System

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Recipient: 15-Hawaii
DUNS: 168818466
Project Status: Active

Project Number: 0900099
Transaction #: 23

Version: Current
Business Month: 08/2020

Detail Information

Program Code:	Z240	Recode:	321
Detail Number:	1	Improvement Type:	4-4R - No Added Capacity
Demo ID:		Withdrawal Area:	0
CFDA:		Toll:	N
FAIN:	693JJ22030000Z240HI0900099	Temp. Match:	N
Prefix:		Appalachia:	N
Safety:	N	Design Build:	N
Indian Reservation:	N	Other SEP14:	N
Construction:	Y	Statewide:	N
CMGC:	N	Highways for Life:	N

Detail Funding

Advance Construction:	\$0.00	Adv. Const. Converted:	\$0.00
Federal Funds:	\$8,052,555.89	Soft Match:	\$0.00
State Funds:	\$0.00	% Federal Share:	80%
Local Funds:	\$2,013,138.97		
Private Funds:	\$0.00		
Non-Monetary Funds:	\$0.00		
Other Funds:	\$0.00		
Total Cost:	\$10,065,694.86		

Recipient Defined Fields

Division Defined Fields

Location-Information

County: Maui	Urban Area: Pukalani--Makawao-- Haiku-Pauwela, HI	Cong. District: Congressional District 2	Ownership: Local
Urban/Rural: Pukalani-- Makawao-- Haiku-Pauwela, HI	Fun. System: Minor Collector	System Code: Not on any Federal-Aid System	
Structure:			

Funding

Adv. Const.:	Federal:	State:	Local:	Private:	Non Money:	Other:	Total Cost:
\$0.00	\$8,052,555.89	\$0.00	\$2,013,138.97	\$0.00	\$0.00	\$0.00	\$10,065,694.86

Fiscal Management Information System

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Recipient: 15-Hawaii
DUNS: 168818466
Project Status: Active

Project Number: 0900099
Transaction #: 23

Version: Current
Business Month: 08/2020

Detail Information

Program Code:	Z240	Recode:	321
Detail Number:	2	Improvement Type:	31-Landscaping and Other Scenic Beautification
Demo ID:		Withdrawal Area:	0
CFDA:		Toll:	N
FAIN:	693JJ22030000Z240HI0900099	Temp. Match:	N
Prefix:		Appalachia:	N
Safety:	N	Design Build:	N
Indian Reservation:	N	Other SEP14:	N
Construction:	Y	Statewide:	N
CMGC:	N	Highways for Life:	N

Detail Funding

Advance Construction:	\$0.00	Adv. Const. Converted:	\$0.00
Federal Funds:	\$0.00	Soft Match:	\$0.00
State Funds:	\$0.00	% Federal Share:	80%
Local Funds:	\$15,750.00		
Private Funds:	\$0.00		
Non-Monetary Funds:	\$0.00		
Other Funds:	\$0.00		
Total Cost:	\$15,750.00		

Recipient Defined Fields

Division Defined Fields

Location-Information

County: Maui	Urban Area: Pukalani--Makawao-- Haiku-Pauwela, HI	Cong. District: Congressional District 2	Ownership: Local
Urban/Rural: Pukalani-- Makawao-- Haiku-Pauwela, HI	Fun. System: Minor Collector	System Code: Not on any Federal-Aid System	
Structure:			

Funding

Adv. Const.:	Federal:	State:	Local:	Private:	Non Money:	Other:	Total Cost:
\$0.00	\$0.00	\$0.00	\$15,750.00	\$0.00	\$0.00	\$0.00	\$15,750.00

Fiscal Management Information System

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Recipient: 15-Hawaii
DUNS: 168818466
Project Status: Active

Project Number: 0900099
Transaction #: 23

Version: Current
Business Month: 08/2020

Detail Information

Program Code:	Z240	Recode:	321
Detail Number:	3	Improvement Type:	43-Utilities
Demo ID:		Withdrawal Area:	0
CFDA:		Toll:	N
FAIN:	693JJ22030000Z240HI0900099	Temp. Match:	N
Prefix:		Appalachia:	N
Safety:	N	Design Build:	N
Indian Reservation:	N	Other SEP14:	N
Construction:	Y	Statewide:	N
CMGC:	N	Highways for Life:	N

Detail Funding

Advance Construction:	\$0.00	Adv. Const. Converted:	\$0.00
Federal Funds:	\$1,150,597.42	Soft Match:	\$0.00
State Funds:	\$0.00	% Federal Share:	80%
Local Funds:	\$287,649.35		
Private Funds:	\$109,216.03		
Non-Monetary Funds:	\$0.00		
Other Funds:	\$0.00		
Total Cost:	\$1,547,462.80		

Recipient Defined Fields

Division Defined Fields

Location-Information

County: Maui	Urban Area: Pukalani--Makawao-- Haiku-Pauwela, HI	Cong. District: Congressional District 2	Ownership: Local
Urban/Rural: Pukalani-- Makawao-- Haiku-Pauwela, HI	Fun. System: Minor Collector	System Code: Not on any Federal-Aid System	
Structure:			

Funding

Adv. Const.:	Federal:	State:	Local:	Private:	Non Money:	Other:	Total Cost:
\$0.00	\$1,150,597.4	\$0.00	\$287,649.35	\$109,216.03	\$0.00	\$0.00	\$1,547,462.80
	2						

Fiscal Management Information System

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Recipient: 15-Hawaii
DUNS: 168818466
Project Status: Active

Project Number: 0900099
Transaction #: 23

Version: Current
Business Month: 08/2020

Detail Information

Program Code:	Z240	Recode:	321
Detail Number:	4	Improvement Type:	17-Construction Engineering
Demo ID:		Withdrawal Area:	0
CFDA:		Toll:	N
FAIN:	693JJ22030000Z240HI0900099	Temp. Match:	N
Prefix:		Appalachia:	N
Safety:	N	Design Build:	N
Indian Reservation:	N	Other SEP14:	N
Construction:	Y	Statewide:	N
CMGC:	N	Highways for Life:	N

Detail Funding

Advance Construction:	\$0.00	Adv. Const. Converted:	\$0.00
Federal Funds:	\$247,612.63	Soft Match:	\$0.00
State Funds:	\$0.00	% Federal Share:	80%
Local Funds:	\$1,818,188.46		
Private Funds:	\$0.00		
Non-Monetary Funds:	\$0.00		
Other Funds:	\$0.00		
Total Cost:	\$2,065,801.09		

Recipient Defined Fields

Division Defined Fields

Location-Information

County: Maui	Urban Area: Pukalani--Makawao-- Haiku-Pauwela, HI	Cong. District: Congressional District 2	Ownership: Local
Urban/Rural: Pukalani-- Makawao-- Haiku-Pauwela, HI	Fun. System: Minor Collector	System Code: Not on any Federal-Aid System	
Structure:			

Funding

Adv. Const.:	Federal:	State:	Local:	Private:	Non Money:	Other:	Total Cost:
\$0.00	\$247,612.63	\$0.00	\$1,818,188.46	\$0.00	\$0.00	\$0.00	\$2,065,801.09

Fiscal Management Information System

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Recipient: 15-Hawaii
DUNS: 168818466
Project Status: Active

Project Number: 0900099
Transaction #: 23

Version: Current
Business Month: 08/2020