

Quarterly Status of **DOW Projects**

Period of July 1, 2012 – September 30, 2012

CONSTRUCTION MANAGEMENT DIVISION

Submitted by Dustin Moises, P.E.

Department of Water
October 25, 2012

October 25, 2012

EXECUTIVE SUMMARY

The significant changes for this quarter are:

The Special Projects Division and Design & Construction Divisions were officially reorganized into the Construction Management and Engineering Divisions. This update reflects projects currently within the Construction Management Division.

Design:

1. Job No. PLH-03, (RFP-02-11) Kahili Horizontal Directional Drilled Well. The DOW sent right of entries for Mears Group and DOW to Grove Farm for final execution. We have conducted meetings with stakeholders and have the Public Hearing as required by the EIS scheduled for October 17, 2012 at King Kaumualii Elementary School (6:30 PM – 8:30 PM).
2. Job No. PLH-39, Lihue Baseyard Improvements –Planning commission approved zoning amendment after public hearing on July 24, 2012. Zoning amendment sent to County Council for first reading on September 26, 2012. Prefinal design and preliminary RFP specifications submitted to DOW for review and comments returned to consultant for revisions on September 17, 2012.
3. Job No. WK-30, Pipeline Replacement along Waipouli and Olohena Roads – Tracings approved. Finalizing RFP for advertising.
4. Job WK-28, Wailua Houselots Main Replacement – Tracings approved and RFP advertised. Business Case for Green Project Reserve submitted to DOH for grant approval.

Construction:

1. Job No. WK-32 Phase II, Kapaa Homesteads Pipeline Replacement, DOW and Contractor in discussions over contract requirements and compensation requests.
2. Job No. PLH-25, Eiwa, Umi, Akahi, Elua, Hardy, Alohi, Uki, and Lalei 8" Waterline Improvements –Final payment made and project has been closed out.
3. Job KW-20, Waimea Well A – New submersible pump was installed and testing will begin shortly.
4. Job WK-14, Vivian Heights 8-inch and 6-inch Main Replacement – Attained DPW approval for Kanaele Bridge guard rail design.
5. Job WK-12, Waipouli Main Replacement along Kuhio Highway – Contract awarded to Goodfellow Bros. Inc via new RFP procurement. Awaiting final execution of contract. Anticipate November 2012 NTP.
6. Job WK-28, Wailua Houselots Main Replacement – Selected contractor via RFP procurement. Awaiting protest period review.
7. Job WK-39, Kapaa Homesteads Well 4 – Received proposals and selection committee is doing evaluation.

October 25, 2012

- **Design Projects**

WP 2020 NUMBER	PROJECT TITLE	% COMPLETE June 2012	% COMPLETE September 2012	ORIG. EST. COMPLETE	CURRENT EST. COMPLETE	CURRENT CONTRACT AMOUNT	STATUS
PLH-39	LIHUE BASEYARD IMPROVEMENTS (PH 1) – MASTER PLAN	100	100	Q4 2011	Q4 2011	\$279,719 (P)	Zoning amendment sent to Council for approval. Design nearing completion.
	LIHUE BASEYARD IMPROVEMENTS - DESIGN	58	77	Q4 2012	Q4 2012	\$627,738 (D)	
PLH-03	KAHILI HORIZONTAL DIRECTIONAL DRILLED WELL	4	9	Q4 2015	Q4 2015	\$1,924,300 (Phase IA)	EIS process moving along. Awaiting ROE approval.

- **Construction Projects**

Construction Projects – Water Plan 2020

WP 2020 NUMBER		PROJECT TITLE	% COMPLETE June 2012	% COMPLETE September 2012	ORIGINAL ESTIMATE TO COMPLETE	CURRENT ESTIMATE TO COMPLETE	CURRENT CONTRACT AMOUNT
KW-05		Kekaha Well B Renovation	99 ⁽¹⁾	100	Q3 2012	COMPLETED	\$ 738,719
WK-14	Phase II	VIVIAN HEIGHTS 8-INCH AND 6-INCH WATERLINE REPLACEMENT	100 ⁽²⁾	100 ⁽²⁾	Q4 2011	Q4 2012 See note (2)	\$2,612,024
HE-08		ELEELE STEEL TANKS RENOVATION	43	63	Q4 2012	Q4 2012	\$1,953,833
PLH-25		EIWA, UMI, EKAHI, ELUA AND HARDY STREETS 8" MAIN REPLACEMENT	97	100	Q2 2012	COMPLETED	\$2,710,970
WK-32	Phase II	KAPA'A PIPELINE REPLACEMENTS	100 ⁽³⁾	100 ⁽³⁾	Q4 2011	See note (3)	\$2,941,979
WK-36		PIPELINE REPLACEMENT ALONG WAILUA, OHANA, ANOLANI, AND KUAMOO ROADS	39	87	Q4 2012	Q4 2012	\$1,346,425
HW-03	Phase II	Wainiha Booster and Haena Tank Renovations	22	47	Q3 2012	Q2 2013 See note (4)	\$1,422,025
KW-20		WAIMEA WELL A RENOVATIONS	57	88	Q1 2012	Q4 2012 See Note (1)	\$636,642
WK-12	COUNTY ROADS	WAIPOULI MAIN REPLACEMENT	77	87	Q4 2012	Q4 2012	\$2,243,271
PLH-30		Nawiliwili, Niumalu and Kupolo Pipeline Replacement	82	88	Q3 2012	Q4 2012	\$3,111,488
H-01, 02, 03		Maka Ridge Facility Rehabilitation Plan and Princeville Interconnection Plan	1	8	Q1 2013	Q1 2013	\$2,357,017
						TOTAL =	\$22,074,393

(1) Change order issued which extended project schedule.

(2) Dept. of Public Works approved redesign for guardrail at Kanae Bridge on 9/28/12.

(3) Awaiting contract dispute resolution

(4) Awaiting redesign comments from Dept. of Public Works

October 25, 2012

Upcoming Water Plan 2020 Construction Projects

FY 2012-2013			
WP 2020 No.	PROJECT TITLE	STATUS	BUDGET
WK-12	Waipouli Main Replacement along Kuhio Highway	Finalizing Contract	\$2.25 M
WK-28	Wailua Houselots Main Replacement	Selected Contractor	\$5.0 M
WK-39	Kapaa Homesteads Well 4	Reviewing Proposals	\$0.75 M
WK-30	Pipeline Replacement along Waipouli and Olohena Roads	Finalizing RFP	\$2.75 M
H-12	Wainiha Well 4	Finalizing RFP	\$0.75 M
		TOTAL =	\$11.5 M

October 25, 2012

Quarterly Status of **DOW Projects**

Period of October 1, 2012 – December 31, 2012

CONSTRUCTION MANAGEMENT DIVISION

Submitted by Dustin Moises, P.E.

Department of Water
January 24, 2013

EXECUTIVE SUMMARY

The significant changes for this quarter are:

The Special Projects Division and Design & Construction Divisions were officially reorganized into the Construction Management and Engineering Divisions in August 2012. This update reflects projects currently within the Construction Management Division.

Design:

1. Job No. PLH-03, (RFP-02-11) Kahili Horizontal Directional Drilled Well. The DOW executed final right of entries for Mears Group and DOW with Grove Farm and field work has commenced. We conducted our first Public Meeting as required by the EIS on October 17, 2012 at King Kaumualii Elementary School (6:30 PM – 8:30 PM). We have drafted the EIS prep notice and plan to post in January 2013. Field visits will continue in early 2013.
2. Job No. PLH-39, Lihue Baseyard Improvements –County Council approved zoning amendment. Use permit and subdivision documents being finalized along with final plan and specs review set. Anticipate construction RFP advertising in May 2013.
3. Job No. WK-30, Pipeline Replacement along Waipouli and Olohena Roads – RFP finalized and advertised..
4. Job No. WK-28, Wailua Houselots Main Replacement – SRF documents submitted to DOH and Business Case for Green Project Reserve awaiting grant approval. RFP finalized and advertised.

Construction:

1. Job No. WK-32 Phase II, Kapaa Homesteads Pipeline Replacement, DOW and Contractor in discussions over contract requirements and compensation requests.
2. Job No. KW-20, Waimea Well A – Final inspection issued and new pump facility in service. Awaiting final payment docs.
3. Job No. WK-14, Vivian Heights 8-inch and 6-inch Main Replacement – New Kanaele Bridge guard rail installed . Final inspection completed and final payment issued.
4. Job No. WK-12, Waipouli Main Replacement along Kuhio Highway – Issued notice to proceed November 12, 2012
5. Job No. WK-28, Wailua Houselots Main Replacement – Awarded contract to Goodfellow Bros. Inc. Issued notice to proceed November 30, 2012
6. Job No. WK-39, Kapaa Homesteads Well 4 – Received single proposal that was over budget. Project has design issues for water discharge that must be addressed by Engineering section before CM Division.
7. Job No. WK-30, Pipeline Replacement along Waipouli and Olohena Roads – Contract awarded to Koga Engineering and Construction. Awaiting contract execution. Anticipate March 2013 NTP.
8. Job No. PLH-30, Nawiliwili, Niumalu, and Kupolo Pipeline Replacement – Final inspection completed. Awaiting DPW and DOT sign off.

- **Design Projects**

WP 2020 NUMBER	PROJECT TITLE	% COMPLETE June 2012	% COMPLETE September 2012	ORIG. EST. COMPLETE	CURRENT EST. COMPLETE	CURRENT CONTRACT AMOUNT	STATUS
PLH-39	LIHUE BASEYARD IMPROVEMENTS (PH 1) – MASTER PLAN LIHUE BASEYARD IMPROVEMENTS - DESIGN	100	100	Q4 2011	Q4 2011	\$279,719 (P)	Zoning amendment approved by council. Design nearing completion but had setback due to Public Works review.
		77	94	Q4 2012	Q2 2013	\$627,738 (D)	
PLH-03	KAHILI HORIZONTAL DIRECTIONAL DRILLED WELL	9	15	Q4 2015	Q4 2015	\$1,924,300 (Phase IA)	EIS process moving along. Attained ROE approval.

- **Construction Projects**

Construction Projects – Water Plan 2020

WP 2020 NUMBER		PROJECT TITLE	% COMPLETE SEPTEMBER 2012	% COMPLETE DECEMBER 2012	ORIGINAL ESTIMATE TO COMPLETE	CURRENT ESTIMATE TO COMPLETE	CURRENT CONTRACT AMOUNT
WK-14	Phase II	VIVIAN HEIGHTS 8-INCH AND 6-INCH WATERLINE REPLACEMENT	100 ⁽²⁾	100 ⁽²⁾	Q4 2011	COMPLETED	\$2,651,731
HE-08		ELEELE STEEL TANKS RENOVATION	63	77	Q4 2012	Q2 2013 See Note (1)	\$2,008,467
WK-32	Phase II	KAPA'A PIPELINE REPLACEMENTS	100 ⁽³⁾	100 ⁽³⁾	Q4 2011	See note (3)	\$2,941,279
WK-36		PIPELINE REPLACEMENT ALONG WAILUA, OHANA, ANOLANI, AND KUAMOO ROADS	87	100	Q4 2012	COMPLETED	\$1,311,745
HW-03	Phase II	WAINIHA BOOSTER AND HAENA TANK RENOVATIONS	47	73	Q3 2012	Q3 2013 See note (2)	\$1,456,259
KW-20		WAIMEA WELL A RENOVATIONS	88	99	Q1 2012	Q4 2012 See Note (1)	\$639,283
WK-12	COUNTY ROADS	WAIPOULI MAIN REPLACEMENT	87	95	Q4 2012	Q4 2012	\$2,243,271
PLH-30		NAWILIWILI, NIUMALU, AND KUPOLO PIPELINE REPLACEMENT	88	91	Q3 2012	Q4 2012	\$3,150,227
H-01, 02, 03		MAKA RIDGE FACILITY REHABILITATION PLAN AND PRINCEVILLE INTERCONNECTION PLAN	8	48	Q1 2013	Q1 2013	\$2,365,821
WK-12	Kuhio Highway	WAIPOULI MAIN REPLACEMENT	-	0	Q4 2013	Q4 2013	\$2,044,965
WK-28		WAILUA HOUSELOTS MAIN REPLACEMENT	-	0	Q3 2013	Q3 2013	\$4,448,970
						TOTAL =	\$25,262,018

(1) Change order issued which extended project schedule.

(2) Dept. of Public Works approved redesign and work to continue January 2013.

(3) Awaiting contract dispute resolution

(4)

Upcoming Water Plan 2020 Construction Projects

FY 2012-2013			
WP 2020 No.	PROJECT TITLE	STATUS	BUDGET
WK-39	KAPAA HOMESTEADS WELL 4	ENG. REVISING DESIGN AND RFP	\$0.75 M
H-12	WAINIHA WELL 4	ENG. REVISING DESIGN AND RFP	\$0.75 M
PLH-39	LIHUE BASEYARD IMPROVEMENTS – PHASE II	CM FINALIZING DESIGN AND RFP	\$6.0 M
		TOTAL =	\$7.5 M

Quarterly Status of

DOW Projects

Period of January 1, 2013– March 31, 2013

CONSTRUCTION MANAGEMENT DIVISION

Submitted by Dustin Moises, P.E.

Department of Water

April 25, 2013

EXECUTIVE SUMMARY

The significant changes for this quarter are:

The Special Projects Division and Design & Construction Divisions were officially reorganized into the Construction Management and Engineering Divisions in August 2012. This update reflects projects currently within the Construction Management Division.

Design:

1. Job No. PLH-03, (RFP-02-11) Kahili Horizontal Directional Drilled Well. We have posted the EIS prep notice with OEQC in February. Field visits will continue in early 2013. We will conduct Public Scoping Meeting on April 22, 2013 at King Kaumualii Elementary School (6:30 PM – 8:30 PM).
2. Job No. PLH-39, Lihue Baseyard Improvements –Subdivision documents finalized and submitted to planning for approval. Use Permit/Class IV permit being finalized for submission. Final plan review awaiting Public Works comments. Anticipate construction RFP advertising in May 2013 provided DPW comments received soon.
3. Job No. WK-28, Wailua Houselots Main Replacement –DOH approved \$750,000 Green Project Reserve grant.

Construction:

1. Job No. WK-32 Phase II, Kapaa Homesteads Pipeline Replacement, DOW and Contractor in discussions over contract requirements and compensation requests.
2. Job No. KW-20, Waimea Well A – Project closed out.
3. Job No. WK-14, Vivian Heights 8-inch and 6-inch Main Replacement – Project closed out.
4. Job No. WK-30, Pipeline Replacement along Waipouli and Olohena Roads – Issued NTP on February 28, 2013.
5. Job No. PLH-30, Nawiliwili, Niupalu, and Kupolo Pipeline Replacement – Project closed out.
6. Job No. WK-12, Waipouli Main Replacement along Kuhio Highway – Implemented pilot project to do electronic inspector journals and access construction files remotely with SharePoint.

- **Design Projects**

WP 2020 NUMBER	PROJECT TITLE	% COMPLETE December 2012	% COMPLETE March 2013	ORIG. EST. COMPLETE	CURRENT EST. COMPLETE	CURRENT CONTRACT AMOUNT	STATUS
PLH-39	LIHUE BASEYARD IMPROVEMENTS (PH 1) – MASTER PLAN LIHUE BASEYARD IMPROVEMENTS - DESIGN	100	100	Q4 2011	Q4 2011	\$279,719 (P)	Zoning amendment approved by council. Subdivision packet submitted to planning for approval. Design nearing completion but had setback due to Public Works review.
		94	98	Q4 2012	Q2 2013	\$635,030 (D)	
PLH-03	KAHILI HORIZONTAL DIRECTIONAL DRILLED WELL	15	19	Q4 2015	Q4 2015	\$1,924,300 (Phase IA)	EIS process moving along. Attained ROE approval. Narrowed to 4 sites. Prep Notice Scoping meeting in April 2013.

- **Construction Projects**

Construction Projects – Water Plan 2020

WP 2020 NUMBER		PROJECT TITLE	% COMPLETE December 2012	% COMPLETE March 2013	ORIGINAL ESTIMATE TO COMPLETE	CURRENT ESTIMATE TO COMPLETE	CURRENT CONTRACT AMOUNT
HE-08		ELEELE STEEL TANKS RENOVATION	77	78	Q4 2012	Q2 2013 See Note (1)	\$2,008,467
WK-32	Phase II	KAPA'A PIPELINE REPLACEMENTS	100 ⁽³⁾	100 ⁽³⁾	Q4 2011	See note (3)	\$2,941,279
HW-03	Phase II	WAINIHA BOOSTER AND HAENA TANK RENOVATIONS	73	74	Q3 2012	Q3 2013 See note (2)	\$1,456,259
KW-20		WAIMEA WELL A RENOVATIONS	99	100	COMPLETED	COMPLETED	\$639,283
WK-12	County Roads	WAIPOULI MAIN REPLACEMENT	95	99	COMPLETED	COMPLETED See Note (4)	\$2,142,442
PLH-30		NAWILIWILI, NIUMALU, AND KUPOLO PIPELINE REPLACEMENT	91	100	COMPLETED	COMPLETED	\$3,150,227
H-01, 02, 03		MAKA RIDGE FACILITY REHABILITATION PLAN AND PRINCEVILLE INTERCONNECTION PLAN	48	54	Q1 2013	Q2 2013 See Note (1)	\$2,365,821
WK-12	Kuhio Highway	WAIPOULI MAIN REPLACEMENT	0	9	Q4 2013	Q4 2013	\$2,044,965
WK-28		WAILUA HOUSELOTS MAIN REPLACEMENT	0	0	Q4 2013	Q4 2013	\$4,448,970
WK-30		PIPELINE REPLACEMENT ALONG WAIPOULI ROAD AND OLOHENA ROAD	-	0	Q4 2013	Q4 2013	\$1,661,390
						TOTAL =	\$22,859,103

(1) Change order issued which extended project schedule.

(2) Dept. of Public Works approved redesign and work to continue January 2013.

(3) Awaiting contract dispute resolution

(4) Awaiting close out documents

Water Plan 2020 Construction Projects

FY 2012-2013				
QUARTER	JULY-SEPT	OCT-DEC	JAN-MAR	APR-JUN
CONSTRUCTION CONTRACTS AWARDED	1*	2*	0	
CONSTRUCTION CONTRACTS COMPLETED	1	1	2	
ON-GOING CONSTRUCTION PROJECTS (#)	11	12	10	
ON-GOING CONSTRUCTION PROJECTS (\$)	\$22,074,393	\$25,262,018	\$22,859,103	

*Design completed prior to reorganization

Upcoming Water Plan 2020 Construction Projects

FY 2012-2013			
WP 2020 No.	PROJECT TITLE	STATUS	EST. COST
WK-39	KAPAA HOMESTEADS WELL 4	ENG. REVISING DESIGN AND RFP	\$0.75 M
H-12	WAINIHA WELL 4	ENG. REVISING DESIGN AND RFP	\$0.75 M
WKK-15	PUU PANE WELL 3	ENG. REVISING DESIGN AND RFP	\$0.75 M
WK-08	KAPAHI TWO 0.5 MG TANKS	ENG. REVISING DESIGN AND RFP	\$8.0 M
PLH-39	LIHUE BASEYARD IMPROVEMENTS – ADMIN.	CM FINALIZING DESIGN AND RFP	\$8.0 M
		TOTAL =	\$18.25 M

Quarterly Status of

DOW Projects

Period of April 1, 2013– June 30, 2013

CONSTRUCTION MANAGEMENT DIVISION

Submitted by Dustin Moises, P.E.

Department of Water

July 25, 2013

EXECUTIVE SUMMARY

The significant changes for this quarter are:

The Special Projects Division and Design & Construction Divisions were officially reorganized into the Construction Management and Engineering Divisions in August 2012. This update reflects projects currently within the Construction Management Division.

Design:

1. Job No. PLH-39, Lihue Baseyard Improvements –Received tentative subdivision approval. Use Permit/Class IV permit submitted to Planning for approval. Final plan review still awaiting Public Works comments. Anticipate construction RFP advertising in Fall 2013 provided DPW comments received soon.

Construction:

1. Job No. WK-32 Phase II, Kapaa Homesteads Pipeline Replacement, DOW and Contractor in discussions over contract requirements and compensation requests.

- **Design Projects**

WP 2020 NUMBER	PROJECT TITLE	% COMPLETE December 2012	% COMPLETE March 2013	ORIG. EST. COMPLETE	CURRENT EST. COMPLETE	CURRENT CONTRACT AMOUNT	STATUS
PLH-39	LIHUE BASEYARD IMPROVEMENTS (PH 1) – MASTER PLAN LIHUE BASEYARD IMPROVEMENTS - DESIGN	100	100	Q4 2011	Q4 2011	\$279,719 (P)	Zoning amendment approved by council. Subdivision received tentative subd. approval. Design nearing completion but had setback due to Public Works review delays.
		98	99	Q4 2012	Q4 2013	\$635,030 (D)	

- **Construction Projects**

Construction Projects – Water Plan 2020

WP 2020 NUMBER		PROJECT TITLE	% COMPLETE December 2012	% COMPLETE March 2013	ORIGINAL ESTIMATE TO COMPLETE	CURRENT ESTIMATE TO COMPLETE	CURRENT CONTRACT AMOUNT
HE-08		ELEELE STEEL TANKS RENOVATION	78	82	Q4 2012	Q3 2013 See Note (1)	\$2,022,621
WK-32	Phase II	KAPA'A PIPELINE REPLACEMENTS	100 ⁽³⁾	100 ⁽³⁾	Q4 2011	See note (3)	\$2,941,279
HW-03	Phase II	WAINIHA BOOSTER AND HAENA TANK RENOVATIONS	74	80	Q3 2012	Q3 2013 See note (2)	\$1,477,050
WK-12	County Roads	WAIPOULI MAIN REPLACEMENT	99	99	COMPLETED	COMPLETED See Note (4)	\$2,142,442
H-01, 02, 03		MAKA RIDGE FACILITY REHABILITATION PLAN AND PRINCEVILLE INTERCONNECTION PLAN	54	78	Q1 2013	Q4 2013 See Note (1)	\$2,442,584
WK-12	Kuhio Highway	WAIPOULI MAIN REPLACEMENT	9	33	Q4 2013	Q4 2013	\$2,026,663
WK-28		WAILUA HOUSELOTS MAIN REPLACEMENT	0	20	Q4 2013	Q4 2013	\$4,477,136
WK-30		PIPELINE REPLACEMENT ALONG WAIPOULI ROAD AND OLOHENA ROAD	0	29	Q4 2013	Q4 2013	\$1,665,455
						TOTAL =	\$19,195,230

(1) Change order issued which extended project schedule.

(2) Dept. of Public Works approved redesign and work to continue January 2013.

(3) Awaiting contract dispute resolution

(4) Awaiting close out documents

Water Plan 2020 Construction Projects

FY 2012-2013				
QUARTER	JULY-SEPT	OCT-DEC	JAN-MAR	APR-JUN
CONSTRUCTION CONTRACTS AWARDED	1*	2*	0	0
CONSTRUCTION CONTRACTS COMPLETED	1	1	2	0
ON-GOING CONSTRUCTION PROJECTS (#)	11	12	10	8
ON-GOING CONSTRUCTION PROJECTS (\$)	\$22,074,393	\$25,262,018	\$22,859,103	\$19,195,230

*Design completed prior to reorganization by Special Projects Division

Upcoming Water Plan 2020 Construction Projects

FY 2012-2013			
WP 2020 No.	PROJECT TITLE	STATUS	EST. COST
WK-39	KAPAA HOMESTEADS WELL 4	ENG. REVISING DESIGN AND RFP	\$0.75 M
H-12	WAINIHA WELL 4	ENG. REVISING DESIGN AND RFP	\$0.75 M
WKK-15	PUU PANE WELL 3	EVALUATION PROPOSALS SUBMITTED	\$0.75 M
WK-08	KAPAHI TWO 0.5 MG TANKS	ENG. REVISING DESIGN AND RFP	\$8.0 M
PLH-39	LIHUE BASEYARD IMPROVEMENTS – ADMIN.	CM FINALIZING DESIGN AND RFP	\$8.0 M
		TOTAL =	\$18.25 M