



Oahu Metropolitan Planning Organization

FY 2018

Report to the Legislature of the State of Hawaii

Required under
Hawaii Revised Statutes Chapter 279-D

December 17, 2018

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Oahu Metropolitan Planning Organization Report to Federal Highway Administration and Federal Transit Administration

December 17, 2018

Introduction and Authority

The Federal Surface Transportation Assistance Act of 1973¹ required the formation of a metropolitan planning organization (MPO) for any urbanized area with a population greater than 50,000. Those municipalities with a population greater than 200,000 are further designated as a Transportation Management Area (TMA)². Oahu Metropolitan Planning Organization (OahuMPO) is a TMA.

OahuMPO was re-designated by the Governor, effective June 17, 2015. The Designation Agreement was signed by the Governor of the State of Hawaii and Chairperson of the City Council of the City and County of Honolulu. Act 132, Session Laws of Hawaii 2015 repealed Chapter 279E of the Hawaii Revised Statutes (HRS) and conforms to and is consistent with the requirements of Title 23 United States Code (U.S.C.) Section 134, Title 49 U.S.C. Section 5305(d), and 23 Code of Federal Regulations (CFR) Subpart C. The Act was signed by the Governor on June 19, 2015 and became effective on July 1, 2015.

The FTA and FHWA conducted a Federal Certification Review in May 2018 and found the Oahu MPO to be in compliance with federal planning requirements.

OahuMPO is responsible for coordinating a comprehensive, cooperative, and continuing (3-C) transportation planning process. By Federal statute³ the OahuMPO is its Policy Board, which is served by an appointed Executive Director and staff as well as advisory committees. Participating agencies include the City and County of Honolulu, the State of Hawaii, and the Honolulu Authority for Rapid Transportation (HART). This report is a summary of staff activities for Fiscal Year 2018, which was from July 1, 2017 through June 30, 2018⁴.

¹ See 23 CFR Part 450).

² As described in 49 U.S.C. 5303(k), and in recognition of the greater complexity of transportation issues in large urban areas, an MPO in a TMA has a stronger voice in setting priorities for implementing projects listed in the transportation improvement program and are responsible for additional planning products. The planning processes in MPOs in TMAs also must be certified by the Secretary of DOT as being in compliance with Federal requirements.

³ See 23 CFR 450.104.

⁴ Starting with the development of the FY2020 Overall Work Program, Oahu MPO has reorganized its work into five broad tasks, rather than by work number. This new organization is reflected in this report; work element numbers from past OWPs are included for reference.

Task 1 – MPO Administration and Management

Task Summary: Task I includes, primarily, the Work Elements previously designated as 300 series: the general administration of transportation planning grants for Oahu. These work elements are on-going and/or reoccurring efforts that serve to meet Federal requirements and to broadly support continuous, comprehensive and cooperative transportation planning.

Subtask 1.1 – Program Administration & Support (301.01-18)

Work Performed/Status:

- Given the MPO's continued challenges with personnel turnover, a great deal of general administrative time was spent on hiring processes, including revising position descriptions, publicizing job openings, reviewing resumes to screen applicants, identifying candidate evaluation panels, and interviewing and selecting candidates. The following positions were filled during this reporting period:
 - Senior Transportation Planner
 - Transportation Planner
 - Transportation Impact Analyst
 - Community Planner (temporary coverage)
 - Clerk
- Prepared for and attended 11 Policy Board meetings, including assisting the Chair in establishing the agenda, developing meeting materials and handouts, preparing PowerPoint presentations, producing minutes, and uploading meeting information to the OahuMPO website.
- Prepared for, attended, produced minutes, and uploaded meeting information to the OahuMPO website for eleven Technical Advisory Committee (TAC) meetings. Assisted the TAC Chair in the development of each meeting's agenda.
- Met with new Policy Board and TAC members to provide orientation and educational sessions. These orientation and educational sessions are required by their respective bylaws for representatives to receive voting rights.
- Worked with HDOT, HART and DTS to revise and sign the Administrative Supplemental Agreement, extending it for another three-year term.
- The Data Sharing Supplemental Agreement is pending completion of WE 201.16
- The Finance Supplemental Agreement was extended three years pending approval of the City's Corporate Council.
- Prepared for and responded to the 2018 Certification Review with the Federal Transit Administration and the Federal Highway Administration.
- Maintained accurate timesheets and progress reports.
- Maintained memberships in Transportation4America and AMPO.

Subtask 1.2 – [Public Participation \(301.06-18\)](#)

Work Performed/Status:

- In FY18, public involvement for TIP and OWP calls for projects or work elements were carried out in accordance with the Public Participation Plan (PPP).

- There was continuous engagement throughout the year especially through the website, regular posts on social media (Facebook), and public meetings of the Policy Board, Technical Advisory Committee, and Citizen Advisory Committee.

Subtask 1.3 – OahuMPO Participation Plan Evaluation (201.02-19)

Work Performed/Status:

- Consultant services completed. OahuMPO staff revised final consultant work products and closed out the consultant contract.
- OahuMPO staff are responsible for drafting the final PPP based on the consultant's draft.
- In FY19, the new Public Participation Plan will be completed with assistance of a work group that will involve OahuMPO's partners, 45-day public review process, approval by Policy Board, and submission to FHWA.

Subtask 1.4 – Professional Development (301.09-18)

Work Performed/Status:

- In FY18, new staff were required to take State of Hawaii procurement training classes to receive procurement authorization.
- Oahu MPO staff maintained membership in applicable professional associations (e.g., American Planning Association).
- Select OahuMPO staff attended the Hawaii Conference of Planning Officials in Honolulu.
- Oahu MPO staff participated in online learning (e.g. webinars) provided through FHWA, Transportation 4 America and others.

Subtask 1.5 – [Title VI & Environmental Justice Monitoring \(201.04-18\)](#)

Work Performed/Status:

- Consultant completed development of the T6/EJ Evaluation tool, and used the new tool to analyze the ORTP 2040, the FFYs 2019-2022 TIP, and revisions of the FFYs 2015-2018 TIP.
- All tasks aside from Training and Documentation are 100% complete. This project will be closed out in FY19.

Subtask 1.6 – Computer and Network Maintenance (301.10-18)

Work Performed/Status:

- Ending our relationship with Intech Solutions, we contracted with Oceanit for computer maintenance and network support. This contract went into effect on November 28, 2017 and its duration is 2 years.
- The consultant processed and followed up on user work tickets as submitted and installed a new server.
- Staff monitored consultant performance.

Subtask 1.7 – Subrecipient Monitoring & Support (301.11-18)

Work Performed/Status:

- Prepared Subaward Agreements (a new requirement of 2 CFR 200) for FY2018 OWP-approved projects.
- Conducted internal training on contract modification requirements.
- Monitored subrecipient compliance with applicable federal requirements.
- Staff attended and reviewed materials for the following projects:
 - Ala Wai Canal Alternatives Analysis
 - Oahu Pedestrian Plan
 - Oahu Bike Plan Update

Subtask 1.8 – [Overall Work Program \(301.03-18\)](#)

Work Performed/Status:

- Developed the FY 2019 Overall Work Program compliant with federal corrective action requirements; approved by the Federal Highway Administration and the Federal Transit Administration on July 2, 2018.
- Developed and processed one administrative revision to the FY2018 OWP.
- Completed FY 2017 Annual Reports to the Federal Highway Administration and the Federal Transit Administration.

Subtask 1.9 – Support for Citizen Advisory Committee (301.04-18)

Work Performed/Status:

- In FY18, there were eight full-CAC meetings. These meetings were conducted in accordance with Policy Board-approved CAC bylaws and the public was properly notified in accordance with Hawaii Sunshine Law. For this reporting period, CAC meeting topics have covered OWP, TIP, Federal Certification Review, self-evaluation, HDOT related work, Bike plans, HART, Complete streets and others. There were three Permitted Interaction Groups (PIGs) for Bylaws review, Transportation Improvement Program review and the Central Oahu Transportation Study.
- As an entity with a special role in public participation, the CAC strengthened itself by engaging in a membership reorientation, self-evaluation, and proposed amendments to its bylaws.

Subtask 1.10 – General Technical Assistance and Planning Support (301.02-18)

Work Performed/Status:

- Attended the State Senate Transportation and Energy Committee hearing on February 8, 2018 relating to SB 2296 which would require that membership of each MPO Policy Board include at least one member of the Senate, and one member of the House from that MPO's area.
- Processed and responded to comments received from partner agencies in the inter-governmental review process.
- Continued to coordinate with Maui MPO and exchanged information on a wide-range of planning issues.

- Staff participated in or attended the following transportation-related efforts:
 - Blue Zone Hawaii activities
 - Age-Friendly Honolulu Transportation Committee
 - Climate Change Commission Meetings
 - Verge Energy Conference
 - Hawaii State GIS Conference
 - State Transit-Oriented Development Committee
 - Hawaii State Highway Safety Plan Committee meetings
 - SubSTAC meetings
 - HDOT Freight Plan
 - Sustainable Transportation Coalition of Hawaii

Subtask 1.11 – Single Audit (301.05-18)

Work Performed/Status:

- We have a three-year contract with N&K CPAs, Inc. Year (for FY2017) one has been completed and we are currently in the process of our year two, FY2018 audit which should wrap up by the end of November 2018. The third and final year's audit should commence around September 2019.

Subtask 1.12 – Disadvantaged Business Enterprise (301.08-18)

Work Performed/Status:

- Kept records of payments to DBEs and filed requisite reports on DBE goals and performance.
- Corresponded with HDOT's Civil Rights and DBE coordinators.

Subtask 1.13 – OahuMPO Overhead (Indirect Costs) (302.01-18)

Work Performed/Status:

- Some costs of OahuMPO are indirect in that the costs are inherently part of all projects and work elements, such as the cost of renting office space, for example. This Work Element covers all indirect overhead costs of OahuMPO.

Subtask 1.14 – Federal Planning Requirements (301.14-17)

Work Performed/Status:

- Tasks related to this Work Element are noted in Program Administration & Support and General Technical Assistance and Support.

Task 1 Financial Information

Subtask #	Work Element	Work Element Title	Total Budget As of July 1, 2017	Total Funds Expended thru 6/30/18	Total Funds Remaining as of 6/30/18
1.1	301.01	Program Administration & Support	\$290,743	\$251,353	\$39,390
1.2	301.06	Public Participation Plan	\$37,800	\$12,794	\$25,006
1.3	201.02	OahuMPO Participation Plan Evaluation	\$36,244	\$19,616	\$16,628
1.4	301.09	Professional Development	\$107,240	\$26,718	\$80,522
1.5	201.04	Title VI & Environmental Justice Monitoring	\$329,675	\$20,527	\$309,149
1.6	301.10	Computer Network & Maintenance	\$84,040	\$22,253	\$61,787
1.7	301.11	Subrecipient Monitoring	\$112,700	\$56,793	\$55,907
1.8	301.03	Overall Work Program	\$57,000	\$36,953	\$20,047
1.9	301.04	Support for Citizen Advisory Committee	\$72,293	\$26,036	\$46,257
1.10	301.02	General Technical Assistance & Planning Support	\$166,668	\$33,057	\$133,611
1.11	301.05	Single Audit	\$367,376	\$292,483	\$74,893
1.12	301.08	Disadvantaged Business Enterprise Program	\$7,920	\$4,490	\$3,430
1.13	302.01	Overhead (Indirect Costs) 2018-226,000	\$58,716	\$15,368	\$43,348
1.14	301.14	Federal Planning Requirements	\$88,629	\$65,904	\$22,725

Task 2 – Data Development and Maintenance

Task Summary: The objective of Task 2 is to create, update, and maintain spatial information, demographic data, and analyses to support planning efforts.

Subtask 2.1 – 2019 Transit Rider Survey Project (203.09-18)

Work Performed/Status:

- Consultant scope of work and identification of procurement method have been delayed due to investigation of alternative, more efficient survey methodologies and data methods---such as the use of mobile phone data or other information.

Subtask 2.2 – Comprehensive Data Management & Sharing Study (201.16-18)

Work Performed/Status:

- OahuMPO hosted a meeting with members of the Project Steering Committee to identify key issues, challenges, and opportunities for improving data collection, management, and sharing.
- Conducted a Data Sharing Survey with various stakeholders and relevant agencies. This was an attempt to find relevant data that the respondent department warehoused and needed for their work elements.
- Reviewed & summarized the 2016 FHWA State of the Practice on Data Access, Sharing, and Integration report

Subtask 2.3 – Performance Based Planning (301.13-18)

Work Performed/Status:

- OahuMPO staff has reviewed federal materials and attended trainings to become familiar with the new requirements for performance measures. OahuMPO engaged consultant support for this task, as well.
- OahuMPO staff has prepared responses for targets established by HDOT and the City/County of Honolulu for Transit Asset Management and Safety. OahuMPO also engaged consultant support for this task.
- In developing its FFY 2019-2022 Transportation Improvement Program (TIP), OahuMPO included a discussion of Safety and Transit Asset Management performance measures and associated projects that were funded in the TIP.

Subtask 2.4 – Computer Model Operation & Support (301.15-18)

Work Performed/Status:

- Travel Demand Forecasting Model (TDFM)
 - i. Under staff supervision, consultant continued to run analyses on request
 - ii. Consultant led a TDFM workshop with OahuMPO and stakeholders to solicit input on model status and desired improvements
 - iii. Solicitation, evaluation, and selection of TDFM consultant, WSP. The contract is now in the review stage. The consultant will assist with running the model as well as recommend and implement model improvements and off-model solutions to ensure all transportation modes can be

- evaluated equally, as well as operational improvement and emerging technologies and strategies.
- Land use model:
 - i. Notice-to-proceed issued for land use model modeling consultant, Urbansim, who will develop a new land use model for the City /County of Honolulu.
 - ii. Consultant kickoff meeting was held and bi-weekly conference calls were held to discuss progress on model development.
- Transit operations modeling: Procurement of license for Remix transit operational planning software to assist the City/County of Honolulu in developing its transit operational plans. Transit networks developed in Remix can be imported into the TDFM, which is more efficient for OahuMPO.
- GIS-based analytical tools: OahuMPO installed and tested the Sugar Access accessibility analysis tool to understand how it can be used for decision-making in transportation projects. In addition, discussion was initiated with HDOT about state-wide licenses for Sugar Access.

Subtask 2.5 – Transportation Revenue Forecasting & Alternative Revenue Exploration (202.03-18)

Work Performed/Status:

- A consultant was procured to provide support for the development of the ORTP (WE 301.16-18) and this work element was added to the consultant's scope.

Task 2 Financial Information

Subtask #	Work Element	Work Element Title	Total Budget as of July 1, 2017	Total Funds Expended thru 6/30/18	Total Funds Remaining as of 6/30/18
2.1	203.09	Transit Rider Survey Project	\$1,400,113	\$0	\$1,400,113
2.2	201.16	Comprehensive Data Management and Sharing Study	\$149,952	\$2,353	\$147,599
2.3	301.13	Performance-Based Planning	\$113,648	\$32,016	\$81,631
2.4	301.15	Computer Model Operations & Support	\$733,861	\$142,399	\$591,461
2.5	202.03	Transportation Revenue Forecasting & Alternatives Revenue Exploration	\$246,766	\$229	\$246,537

Task 3 – Short Range Planning

Task Summary: The objective of Task 3 is to perform the required short-range transportation planning activities which will assist in the development of long-range programs and on-going projects.

Subtask 3.1 – [Transportation Improvement Program \(301.17-18\)](#)

Work Performed/Status:

- OahuMPO performed revisions 17 through 23 in fiscal year 2018 for FFYs 2015-2018 TIP.
- In collaboration with HDOT and DTS, OahuMPO developed the next four-year TIP for Federal Fiscal Years (FFYs) 2019-2022. This included project selection, analysis using the congestion management process, and analysis of impacts on Title VI and Environmental Justice populations.
- OahuMPO held three public open houses (one at Kapolei Hale and two at Honolulu Hale) to solicit public input on the FFYs 2019-2022 TIP.

Subtask 3.2 – Transit Fares Scenario Modeling Study (203.08-18)

Work Performed/Status:

- No work was performed in FY18. Project to be closed out in FY19.

Subtask 3.3 – Oahu Mass Transit Joint Feasibility Study (203.06-18)

Work Performed/Status:

- Subaward Terms were issued by OahuMPO on 12/15/16
- No work was performed during the reporting period due to lack of local match.

Subtask 3.4 – [Oahu Coastal Communities Evacuation Plan – Phase 2 \(206.02-18\)](#)

Work Performed/Status:

- Several tasks are ongoing while others were paused short of completion as originally outlined due to expected project changes requested by stakeholders and are addressed in a forthcoming change order approved by OahuMPO. Additionally, issues related to the payment of previously submitted invoices resulted in a pause in project activities throughout much of the summer.
- The Gap analysis (Task 1) is nearing completion as of the end of FY18.
- The vendor has identified hundreds of potential Safe Sites utilizing GIS analysis and has presented them to stakeholders, including DEM and members of the public.
- The vendor has completed a significant amount of evacuation route planning and identification of potential sign locations.
- Task 5 has been completed within the original scope of work with 2 Beta Tests conducted and the engineering tool presented and reviewed by the Hawaii Earthquake and Tsunami Advisory Committee (HETAC)

Subtask 3.5 – [Transportation Alternatives Program Coordination \(301.18-18\)](#)

Work Performed/Status:

- Met with HDOT, DTS, and HART regarding TAP, reimbursement process, limits of the program, roles and responsibilities, and other issues/opportunities

Subtask 3.6 – [Central Oahu Transportation Study \(202.02-18\)](#)

Work Performed/Status:

The consultant prepared, and OahuMPO staff reviewed, the following work products:

- o Final [Deliverable D List of Projects and Strategies for Transportation System Improvement](#)
- o [DRAFT Deliverable I: Summary of Community Input](#)
- o [DRAFT Task 2 Deliverable C: Data Memorandum](#)
- o [DRAFT Deliverable E-1 Project Evaluation and Preliminary Ranking Memorandum](#)
- o [DRAFT Task 4 Deliverable E-2: Model Validation Memo](#)

The following public participation activities took place:

- o Community Meeting #2
- o Presentation to Neighborhood Boards (Mililani, Mililani Mauka)
- o Presentation to Wahiawa Lions Club
- o OahuMPO staff participated in Wahiawa Blue Zones outreach event
- o Outreach to potential survey participants (phone calls, emails, and in-person outreach)
- o Reviewed, edited, and approved surveys for public engagement

Subtask 3.7 – [Farrington Highway Makaha Beach Park Realignment Feasibility Study \(202.14-18\)](#)

Work Performed/Status:

- o Continued coordination with consultant to establish date/time for kickoff meeting. (Kickoff meeting was held in August 2018)

Task 3 Financial Information

Subtask #	Work Element	Work Element Title	Total Budget as of July 1, 2017	Total Funds Expended thru 6/30/18	Total Funds Remaining as of 6/30/18
3.1	301.17	Transportation Improvement Program	\$381,513	\$235,985	\$145,527
3.2	203.08	Transit Fares Scenario Modeling Study	\$130,000		\$130,000
3.3	203.06	Oahu Mass Transit Joint Operational Study	\$267,400		\$267,400
3.4	206.02	Oahu Coastal Communities Evacuation Planning	\$800,000	\$282,986	\$517,014
3.5	301.18	Transportation Alternatives Program	\$20,886	\$14,550	\$6,336
3.6	202.02	Central Oahu Transportation Study	\$166,278	\$30,610	\$135,668
3.7	202.04	Farrington Highway Makaha Beach Park Route 93 Realignment Feasibility Study	\$447,293	\$12,546	\$434,746

Task 4 – Long Range Planning

Task Summary: The objective of Task 4 is to develop, document, amend, and publish the Oahu Regional Transportation Plan (ORTP) to meet the needs of the metropolitan area for a 20-year horizon, in accordance with federal, state, and local regulations.

Subtask 4.1 – [Oahu Regional Transportation Plan \(301.16-18\)](#)

Work Performed/Status:

- Inventory and Summary of Existing Studies and Plans: OahuMPO staff has inventoried plans and studies completed in the last five years related to transportation planning; staff has begun summarizing the plans to identify relevant goals, data, performance measures, and projects.
- Graphic Design support: A contract is in place for consultant support of graphic design and layout of the ORTP, to ensure that the plan and associated materials are visually compelling and easy to understand.
- Kickoff of consultant tasks under 201.05-15 Congestion Management Process Update and 202.03-14 Transportation Revenue Forecasting and Alternative Revenue Exploration.

Subtask 4.2 – Congestion Management Process Update (201.05-18)

Work Performed/Status:

- OahuMPO has assembled a Project Working Group comprising technical staff from HDOT, DTS, and HART to inform the update of the Congestion Management Process.
- The consultant has begun the task of documenting existing conditions and exploring CMP best practices at peer MPOs.

Subtask 4.3 – [Oahu Bike Plan Update \(202.07-18\)](#)

Work Performed/Status:

- DTS Consultant got their Notice to Proceed (NTP) in August 2017.
- The first round of community workshops was held in 4 areas throughout Oahu in January 2018, where they provided project information and gathered community input.
- The consultant has completed the update to the existing bicycle facilities, drafts for levels of traffic stress (LTS) and bicycle networks for the plan update.

Task 4 Financial Information

Subtask #	Work Element	Work Element Title	Total Budget as of July 1, 2017	Total Funds Expended thru 6/30/18	Total Funds Remaining as of 6/30/18
4.1	301.16	Oahu Regional Transportation Program	\$846,731	\$340,774	\$505,957
4.2	201.05	Congestion Management Process Update	\$224,774	\$16,670	\$208,104
4.3	202.07	Oahu Bike Plan Update	\$250,000	\$152,175	\$97,825

Task 5 – Special Projects

Task Summary: The objective of Task 5 is to conduct special studies that will support existing and projected local and regional needs.

Subtask 5.1 – [Ala Wai Canal Bridge Alternatives Analysis \(203.10-18\)](#)

Work Performed/Status:

- Task 1, Project Management, is 77% complete including project schedule and billing, kick off meetings with Community and TAC, branding and communications development.
- Task 2, Origin to Destination Public Opinion Survey, is 84% complete.
- Task 3, Objective Setting and Document Review is 51% complete. Specific subtasks accomplished include review of local policy documents, Bridge Precedent Study, & refinement of project purpose and need statement.
- Task 9, Agency & Public Involvement, is 46% complete. Specific accomplishments include Community Kick off, website content, Community Engagement Plan with Ala Pono branding.

Subtask 5.2 – PM Peak Period Tow Away Zone Modifications (203.03-18)

Work Performed/Status:

- The consultant was given a Notice To Proceed (NTP) on August 1, 2017. They have completed data collection at 40 intersections within the downtown area in July 2018. They are currently evaluating the data and preparing recommendations.

Subtask 5.3 – Review and Update of Planned Rights of Way for Existing Streets (203.07-18)

Work Performed/Status:

- Subaward Terms were issued by OahuMPO on 12/15/16.
- An amendment was attempted to combine the work with an existing City project (Oahu Pedestrian Plan) in February 2018 for the local match, but it was determined that the Oahu Pedestrian Plan could not be federalized.
- No local match has been made available for this work element.
- Procurement of consultant services has not begun.

Subtask 5.4 – [Ewa Impact Fees for Traffic & Roadway Improvements Update Study \(203.75-09/14\)](#)

Work Performed/Status:

- Meetings and correspondence with DPP and development community.
- Executive Committee meeting 10 and solicitation of comments on 2015 draft.
- Requested \$23,291 in additional funds from the OWP for contract amendment to make non-substantive corrections to the final report, presentations, and conduct executive briefings.
- Presented to the CAC on 10/10/18 https://www.oahumpo.org/?wpfb_dl=1413
- Ewa Transportation Impact Fee Program Update: Final Compilation Report: http://www4.honolulu.gov/docushare/dsweb/Get/Document-205934/Ewa%20Final%20Report_2017%20Update_20171005.pdf

- o It was transmitted to council as Departmental Communication: D-0329(18).
- o http://www4.honolulu.gov/docushare/dsweb/Get/Document-206072/Ewa_20Final_20Report_2017_20Update_20171005%5b1%5d.pdf

Subtask 5.5 – [Separate Left Turn Phase Alternatives Study \(203.82-18\)](#)

Work Performed/Status:

- o The project presented to the Policy Board in May 2017. The project was completed and closed on July 1, 2017.

Task 5 Financial Information

Subtask #	Work Element	Work Element Title	Total Budget as of July 1, 2017	Total Funds Expended thru 6/30/18	Total Funds Remaining as of 6/30/18
5.1	203.10	Ala Wai Canal Bridge Alternative Analysis	\$500,000		\$500,000
5.2	203.03	PM Peak Period Tow-Away Zone Time Modifications	\$267,500	\$70,000	\$197,500
5.3	203.07	Review and Update of Planned Rights-of-Way	\$687,500		\$687,500
5.4	203.75-09/14	Ewa Impact Fees	\$23,291		\$23,291
5.5	203.82-11	Separate Left-Turn Phase Alternatives Study	\$42,280		\$42,280