



City & County of Honolulu Complete Streets Program

Presentation to the OMPO
Technical Advisory Committee

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Department of Design and Construction
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Complete Streets

- The Law
- The Design Manual
- The Standard Operating Procedures
- Local Examples

The Law

- HRS 264-20.5 Requires that "... county transportation departments shall adopt a complete streets policy that seeks to reasonably accommodate convenient access and mobility for all users of the public highways ... including pedestrians, bicyclists, transit users, motorists, and persons of all ages and abilities."
- ROH 14-33 Requires that "Every transportation facility or project, whether new construction, reconstruction, or maintenance, provide the opportunity to implement complete streets ..."



Principles of Complete Streets

- Improve Safety
- Context sensitive solutions
- Accessibility and mobility for all
- Balance the needs and comfort of all modes and users
- Use national best practices
- Provide non-motorized options
- Encourage physical activity
- Think: “long-term investment”
- Build partnerships statewide
- Incorporate trees and landscaping



Complete Streets Checklist

- Required by ROH
- Developed by DPP, DTS, DFM and DDC
- **When should the checklist be completed?**
 - Planning tool or
 - Design capture
- Completed checklists filed and posted by DPP
- Directors shall update from time to time

City & County of Honolulu: Complete Streets Checklist

Certification				
Project Title: _____				
Project Engineer:		Division Chief: _____		
File Name: _____		(City Projects Only) File Name: _____		
Signature: _____		Date: _____		Signature: _____
Dept. Director/Principal:		DPP Complete Streets Coordinator:		
File Name: _____		File Name: _____		
Department/File Name: _____		Date: _____		Signature: _____
Signature: _____		Date: _____		

Refer to 'Complete Streets Checklist Instructions' for explanation and clarification. Do not certify until checklist is fully completed.

Section A: Street Classification, Street Type and Other Data

1) Is this a transportation facility or project? (This includes, but is not limited to, new construction, rehabilitation and resurfacing.)
 Yes (please describe the project below and complete entire form.)
 No (stop, complete certification and submit to DPP Complete Street Coordinator)

Project Description: _____

2) Is this a bridge, viaduct, elevated project? If yes, stop, complete certification and submit to DPP.
 Is this a curb ramp only project? If yes, skip to C.

3) What is the Street Classification?
 Local Minor Collector Minor Arterial Major Arterial

4) What is the Street Type? Check all that apply.
 Residential Commercial Industrial Mixed Use Other - Explain _____

5) What is the daily traffic volume (ADT)? (complete for a major collector road or higher classification).

6) If there are sidewalks in the area, describe their condition:

7) Are there any nearby (within a 1/4 mile) transit facilities? If so, please describe.

8) Please describe the parking restrictions in the area surrounding the facility or project:

Section B: Approved Plans

1) Does the Oahu Bike Plan make any recommendations with respect to the area surrounding the facility or project? If so, please describe:

2) Does any other neighborhood plan, bicycle plan, pedestrian plan, transit plan or other transportation-relevant plan apply to the area surrounding the facility or project? If so, please identify the plan and describe the recommendations.

Please complete other side.

Complete Streets Implementation

Standard Operating Procedure (1 of 2)

- Creates a Complete Streets Team
 - Full time administrator
 - Part time departmental coordination & expertise
- Analyze (use checklist)
 - Rehab of Streets priorities
 - Transportation CIP
 - Other
- Select
 - Minor or no requirement
 - Further review

Form DDC-SOP INTERDEPT

CITY AND COUNTY OF HONOLULU		INTERDEPARTMENTAL STANDARD OPERATING PROCEDURE	
SUBJECT	COMPLETE STREETS IMPLEMENTATION		PROCEDURE ID ID 1
CURRENT REVISION (PAGE OR ATTACHMENT)	APPROVED	EFFECTIVE DATE (MM/DD/YYYY)	DISTRIB.
	<i>[Signature]</i>	08/30/2016	DDC
	<i>[Signature]</i>	30 Aug 2016	DFM
	<i>[Signature]</i>	8/30/16	DPP
	<i>[Signature]</i>	8/30/2016	DTS
PURPOSE: To establish a procedure for executing Complete Streets projects within the City and County of Honolulu.			
POLICY STATEMENT: All City and County of Honolulu transportation facilities and projects, whether new, reconstruction or maintenance, shall comply with the Complete Streets Ordinance (Reference 1) and the Age-Friendly Cities Initiative (Reference 2).			
RESPONSIBILITIES: All City departments are required to comply with the Complete Streets Ordinance. To ensure compliance and create efficiency, the four directors (Directors) of Facility Maintenance (DFM), Transportation Services (DTS), Planning and Permitting (DPP), and Design and Construction (DDC) shall establish a Complete Streets Team (CS Team), consisting of on-call representatives from each department to coordinate and execute the Complete Streets Program. A representative of the Department of Parks and Recreation (DPR) will also be invited to join. The Directors shall assign or hire a full-time Complete Streets Administrator (CSA) to lead the CS Team. The primary function of the multi-departmental CS Team is to manage the planning, design and construction of Complete Streets projects. The CS Team may hire consultants as needed to assist with carrying out assigned responsibilities. The CSA may also hire support staff, with the approval of the Directors, to assist with requirements above what the departments can support. Funding for the implementation of the Complete Streets program will come from the annual Rehabilitation of Streets Capital Improvement Program (CIP) bulk fund, specific line items in the CIP budget, or other sources as determined by the Administration.			
SCOPE: This SOP addresses the following components of Complete Streets implementation: <ol style="list-style-type: none">1. Complete Streets Analysis2. Streets Needing Minor or No Special Treatment3. Streets with More Than Minor Complete Streets Treatment Potential4. Plan Approval5. Complete Streets Web Page6. Pedestrian Master Plan and Other Plans7. Other Complete Streets Related Tasks or Initiatives			

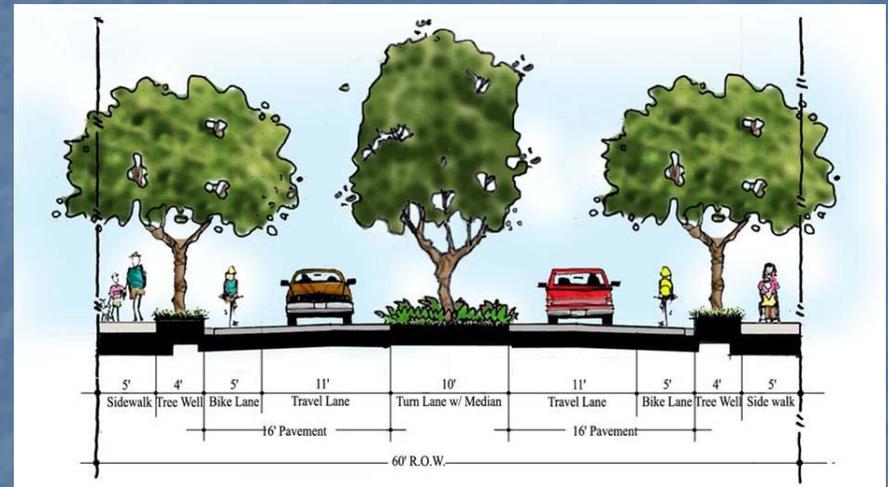
INTERDEPARTMENTAL SOP 1 – COMPLETE STREETS

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Complete Streets Implementation

Standard Operating Procedure (2 of 2)

- Plan
 - Create project packages
 - Context sensitive input
 - Traffic studies
 - Accident history
 - Neighborhood/TOD plans
 - Oahu Bicycle Master Plan
 - Parks and Rec input
- Directors approval
- Design and Construct
- Update Checklist



Ulune Street Demonstration Project

- Installed in 2014
- Striping used to “narrow” street
- “Stop for Pedestrians” signage
- First new use of back-in angle parking on Oahu
- Site visits show the project performing as planned (traffic calming)

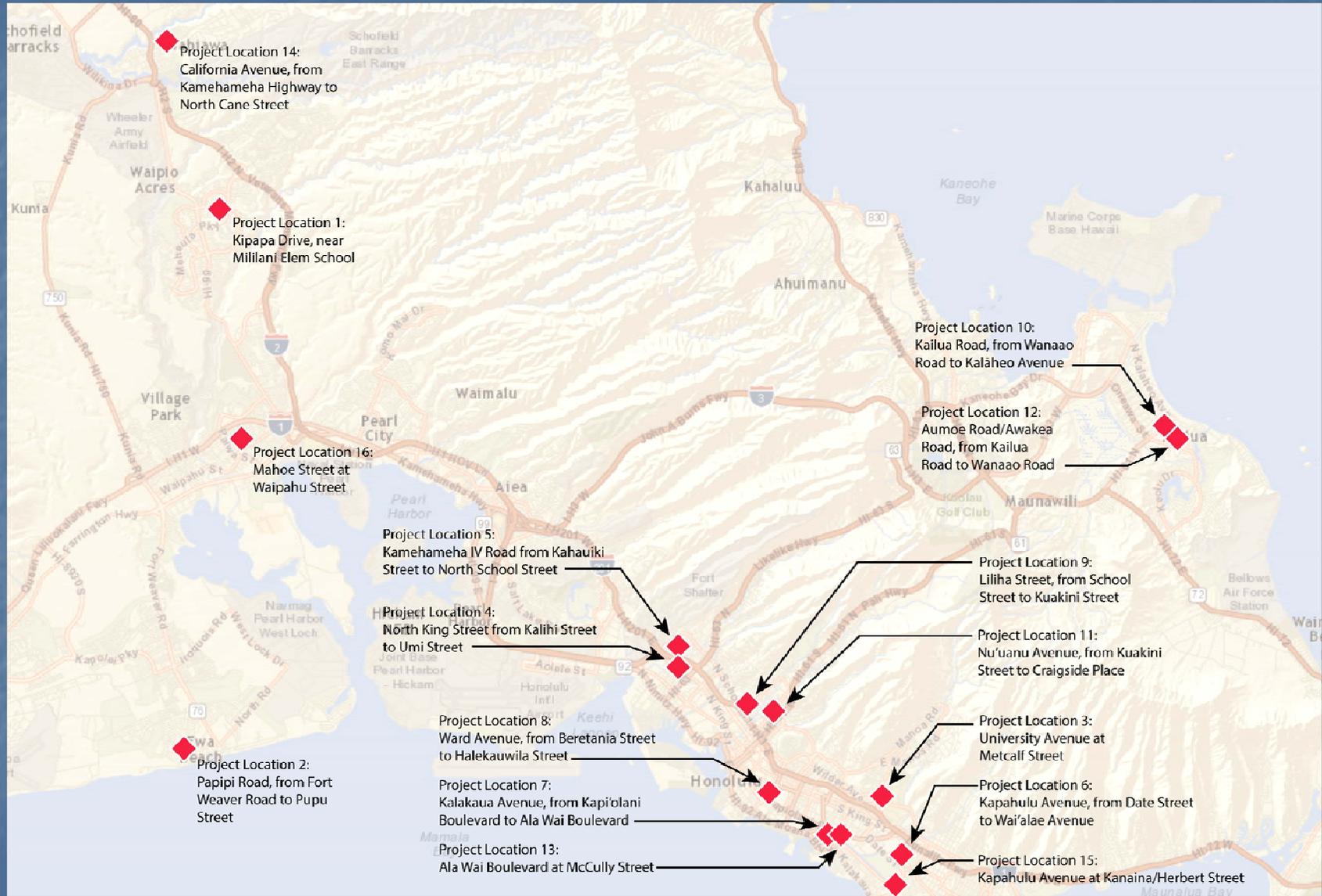


Before

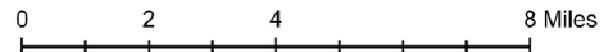


After

Implementation Study Projects

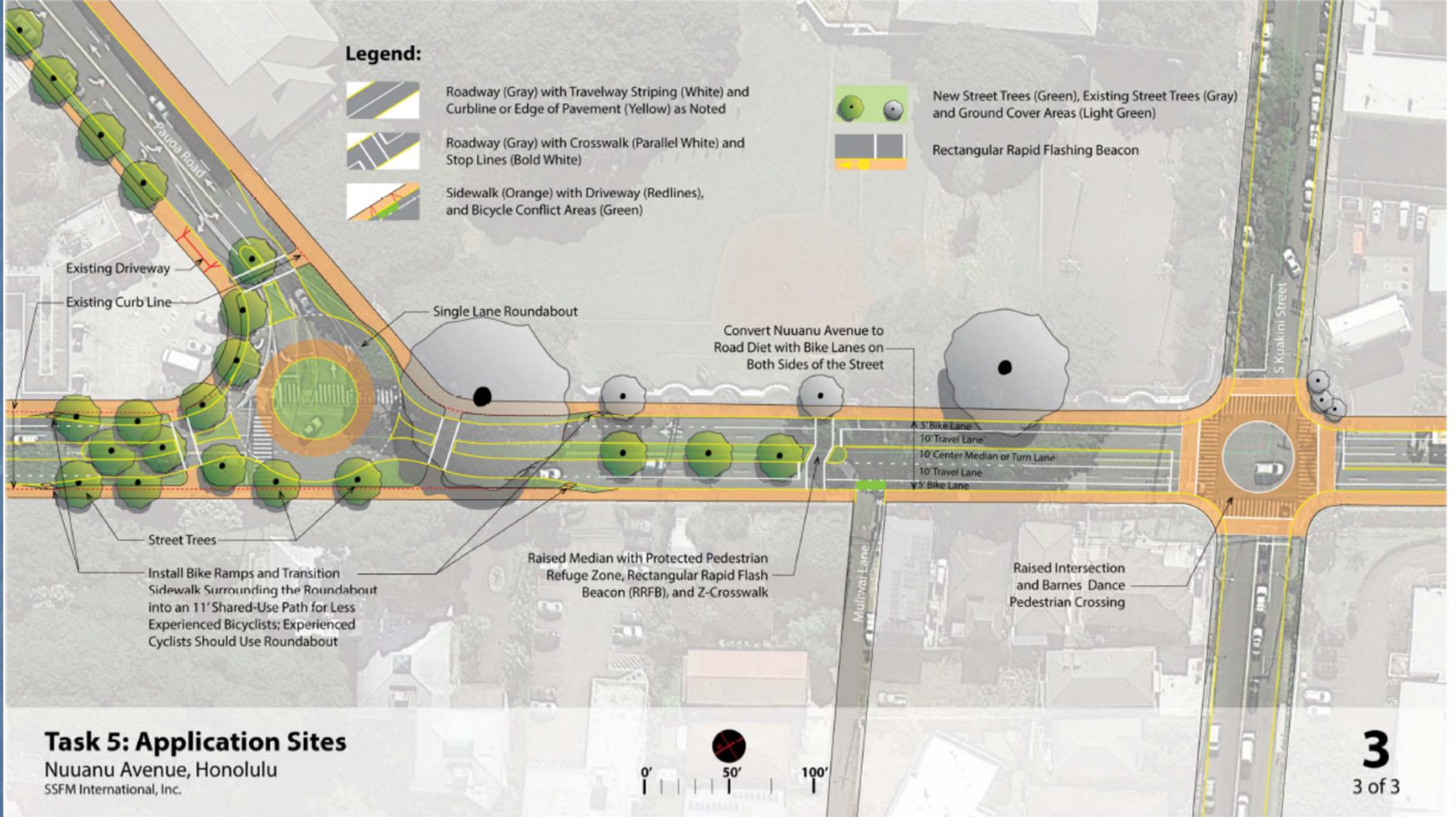


Complete Streets Project Locations, Island of Oahu
Complete Streets Implementation Study



Conceptual Designs

Figure 5 Concepts for Nuuanu Avenue from Pauoa Road to Kuakini Street



Nuuanu Avenue

Rail Station Area Walk Audits



- Five walking audits held Nov 2013 to March 2014
- Total of 20 out of 21 station areas examined
- 20-30 participants at each event (5 events total)
- Multiple agencies and stakeholders represented
- Prior to tour: Overview of Station Area with supporting materials and discussion

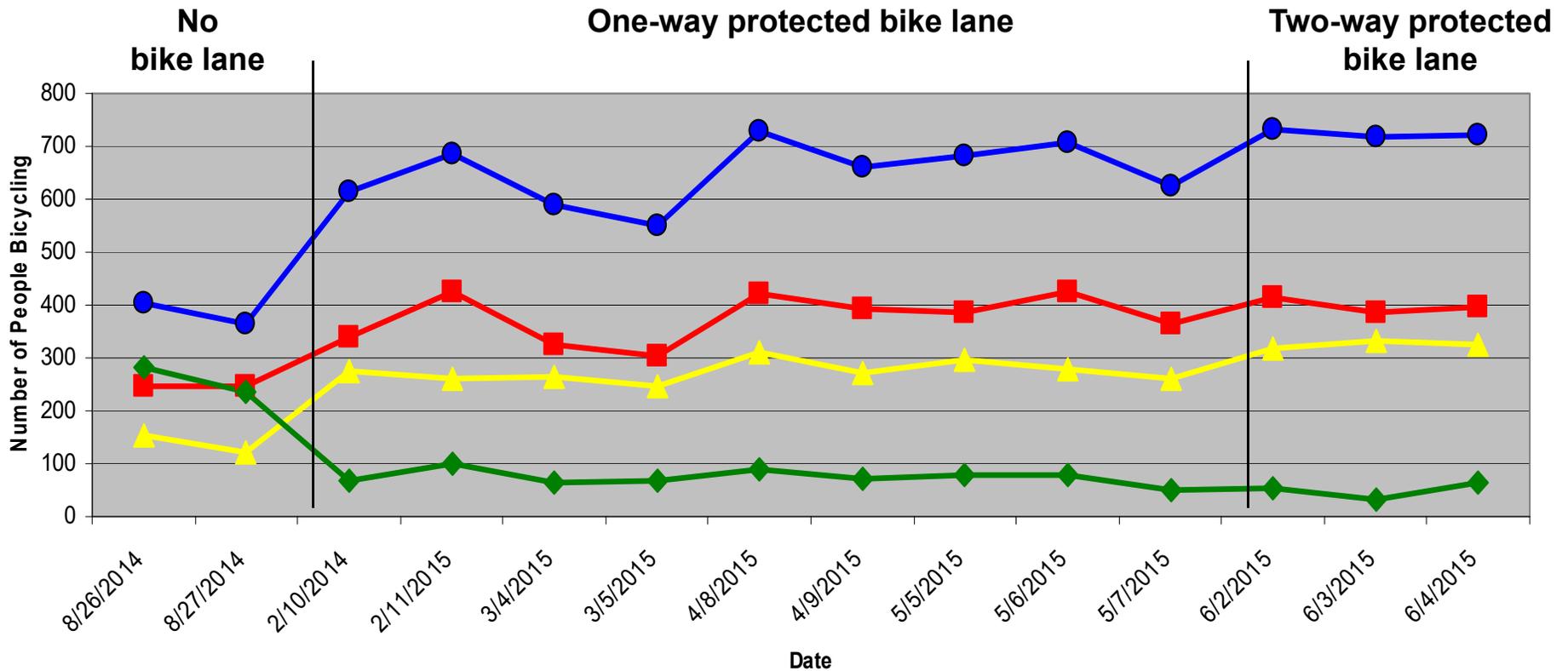
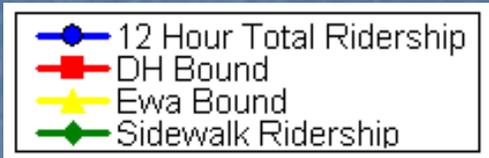
King Street Protected Bike Lane

- Opened one-way December 2014
- Converted to two-way in 2015
- 2 year pilot project



Results for South King Street at Kalākaua Avenue

88%
Increase in
bicycle ridership





Mahalo!

