



Faster, Cheaper, Better: Streamlining Quick Build Projects Across Hawai'i

Community Design and Access Sector: Physical Activity

Breakout Room 306AB, Session 2

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Community Design and Access Sector: Physical Activity

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## Session Description:

Learn how Hawai'i can accelerate and simplify the implementation of quick build projects across the islands. Participants will learn from local and national examples, discuss common challenges such as procurement and maintenance, and identify practical strategies to streamline implementation through interagency coordination, shared material libraries, and flexible design standards.





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## HHSP Objectives:

**PAN - 06:** Increase by 50 miles, the total miles of low-stress pedestrian infrastructure including, but not limited to, sidewalks and trails.

**PAN - 07:** Increase by 100 miles, the total miles of low-stress bicycle infrastructure including, but not limited to, protected bike lanes and off-street paths.







Hawai'i Public Health Institute

*Faster, Better, Safer*

# Quick Build Projects

*Examples from the Mainland*

Presented By:

*Peter Koonce*



# Overview



Interventions by  
the public



Trials by the  
public agency to  
test a design



Interventions to  
address  
immediate  
safety issues







# Our Approach

- ✓ Provide updated design standards to make it easier to implement Quick Builds
- ✓ Identify common materials that can be used to meet the engineering requirements
- ✓ Inspire community partners to imagine healthier streets **NOW!**





# Motivation

Safety / Public Health





# Motivation

Community / Place







# START *here*

## Active Transportation Programs Quick Build Guide

October 2025

FUNDED BY WASHINGTON'S  
**CLIMATE  
COMMITMENT**





Step by Step

# Quick Build Project Steps

- ✓ Build the Team
- ✓ Confirm the Project Type
- ✓ Plan and Design
- ✓ Install and Maintain





# Core Interventions

- ✓ Intersection improvements to improve safety
- ✓ Corridor treatments to improve multimodal connectivity
- ✓ Temporary street closures to support community events
- ✓ Lower speeds to promote traffic calming







Featured Project:

# Intersection improvements

- ✓ Federal MUTCD requirements are a challenge
- ✓ Research on safety effectiveness is a key
- ✓ Duration of project depends on details
- ✓ Need for permits will vary depending on local agency



# Intersection improvements

- ✓ Federal MUTCD requirements are designed to seek uniformity; will limit creativity
- ✓ Incorporation of “required” elements are necessary























Featured Project:

# Corridor Test to Final Implementation

- ✓ **Community partners demonstrated how space could be transformed with paint**
- ✓ **Intersection treatments were more complex**
- ✓ **Corridor approach to concrete construction**
- ✓ **Tradeoffs of space allocation are careful considerations**









# Risk Management

- 🔍 Engineering plans are the gold standard
- 🔍 Implementation of Proven Safety Countermeasures
- 🔍 Complete documentation and following project steps



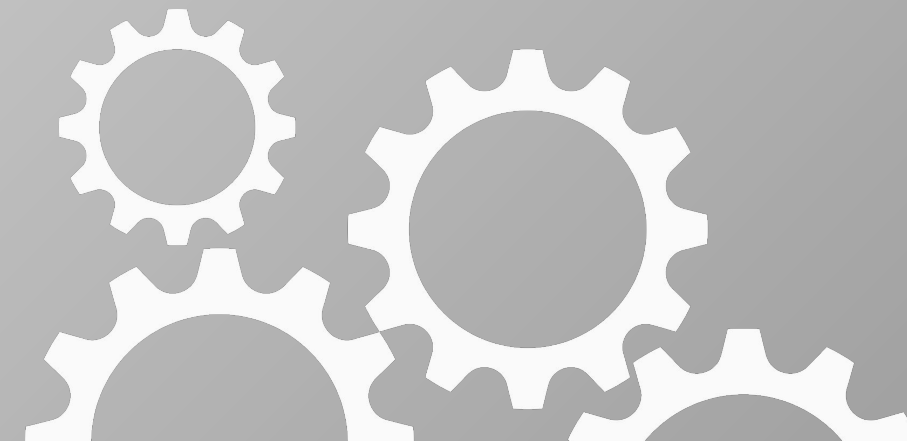
✓ Safety is the primary goal of public agencies

✓ Safety for who is an important question to lead with

✓ Focus on monitoring and reporting to ease concerns



# Leading with Health & Safety





# Future Readiness



**Start with policies to  
activate community**



**Develop a team that  
will stick with the effort**



**Build partnerships to increase  
support for the goal**







*Let's make our communities  
healthier, safer, and more  
vibrant*

**Mahalo**



