



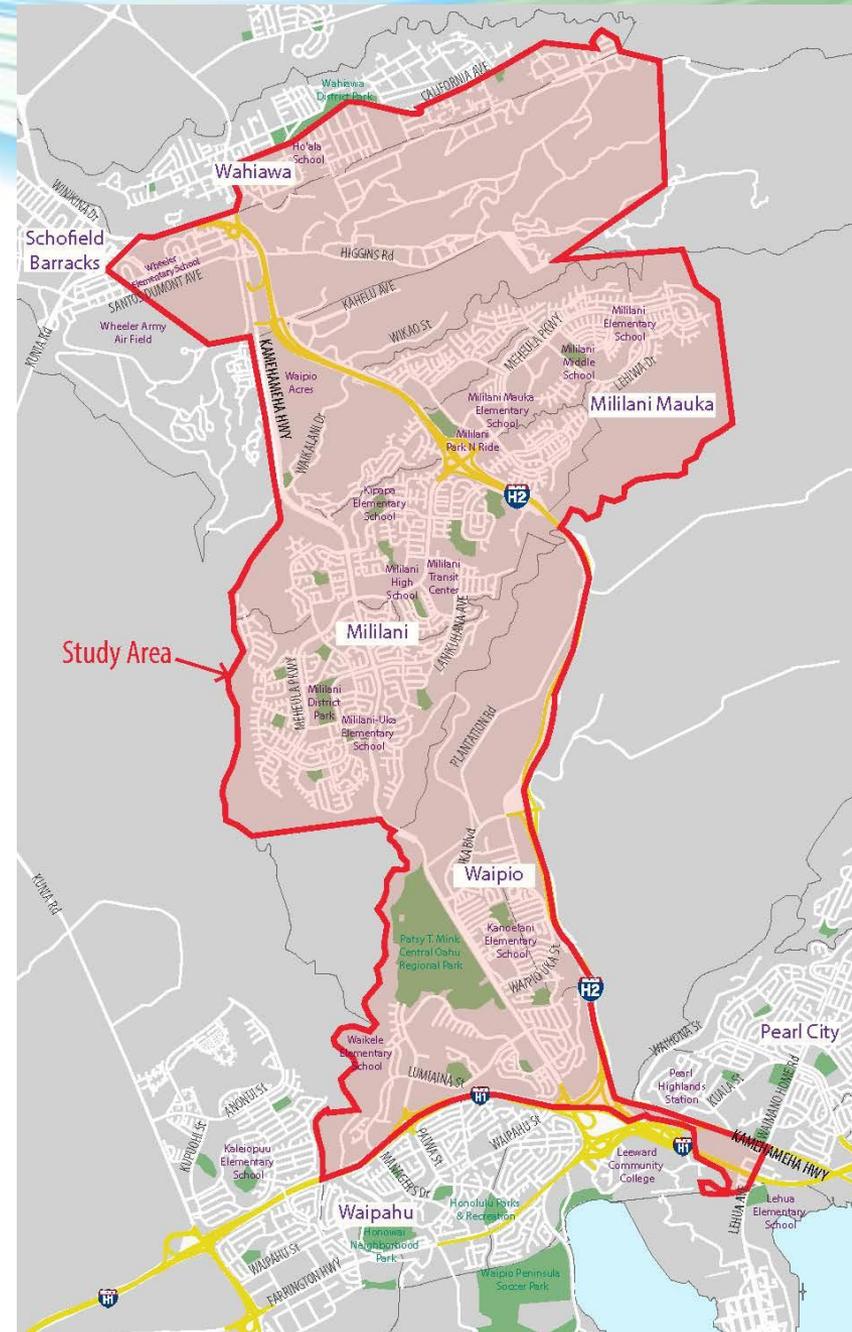
## VI. New Business

### A. Central Oahu Transportation Study Update



# What is the Central Oahu Transportation Study?

- OWP Work Element 202.02-15
- Assess the long-term needs for all types of transportation options in Central Oahu
- Consultant: SSFM & team
- Working group: DTS, HART, HDOT, DPP





# Desired Study Outcomes

- Identify key transportation system improvements, strategies, and policies
  - Improve regional transportation mobility and access sustainably
- Develop desired multi-modal strategies and system improvements
  - Technically feasible
  - Financially realistic
  - Sustainable
  - Meet regional transportation needs

## Prioritized Goals (from Community)

- *Strengthen the multi-modal opportunities for Central Oahu, especially rail access*
- *Address increasing commute times*





# Trends & Issues

Trend	Issue
Increases in population over 65 and people with disabilities	Changing transportation needs; mobility challenges
Variation in incomes throughout study area	Income affects transportation needs
Future development will bring both jobs and housing	Transportation investments should reflect changing jobs-housing balance AND continued residential character
Public transit use increasing despite increase in travel times	Additional, more efficient transit needed
Increase in pedestrian safety incidents; varies by location	Increase pedestrian safety
Currently, traffic congestion affects peak commute times differently: AM peak most affected by Kam Hwy & H-2 approaches to H-1; PM peak most affected by H-1	Operational and capacity improvements to H-1 are crucial, as are other mobility options in the H-1 corridor (HART, Pearl Harbor Historic Trail)
Future estimates show more trips to Kapolei, more internal trips	



# Potential Projects

- 88 different projects/programs
  - Transit (general & high-capacity): 12
  - Bicycle (paths, lanes, routes): 23
  - Pedestrian (location-specific, general, complete streets): 7
  - Roadway (highway, major arterial, interchanges): 33
  - TDM & ITS: 11
  - Pricing solutions: 2



# Performance Measures

*“How well do the projects meet goals?”*

- Traffic & Transportation Reliability and Congestion Reduction
- Multi-modal system
- Safety & security
- Asset Management/SOGR

*Consistent with goals of ORTP & Sustainable Community Plan and prioritized community goals*



# Feasibility Analysis

*“How ‘implement-able’ are the projects?”*

- Construction
- Environment
- Financial
- Regional Planning
- Community



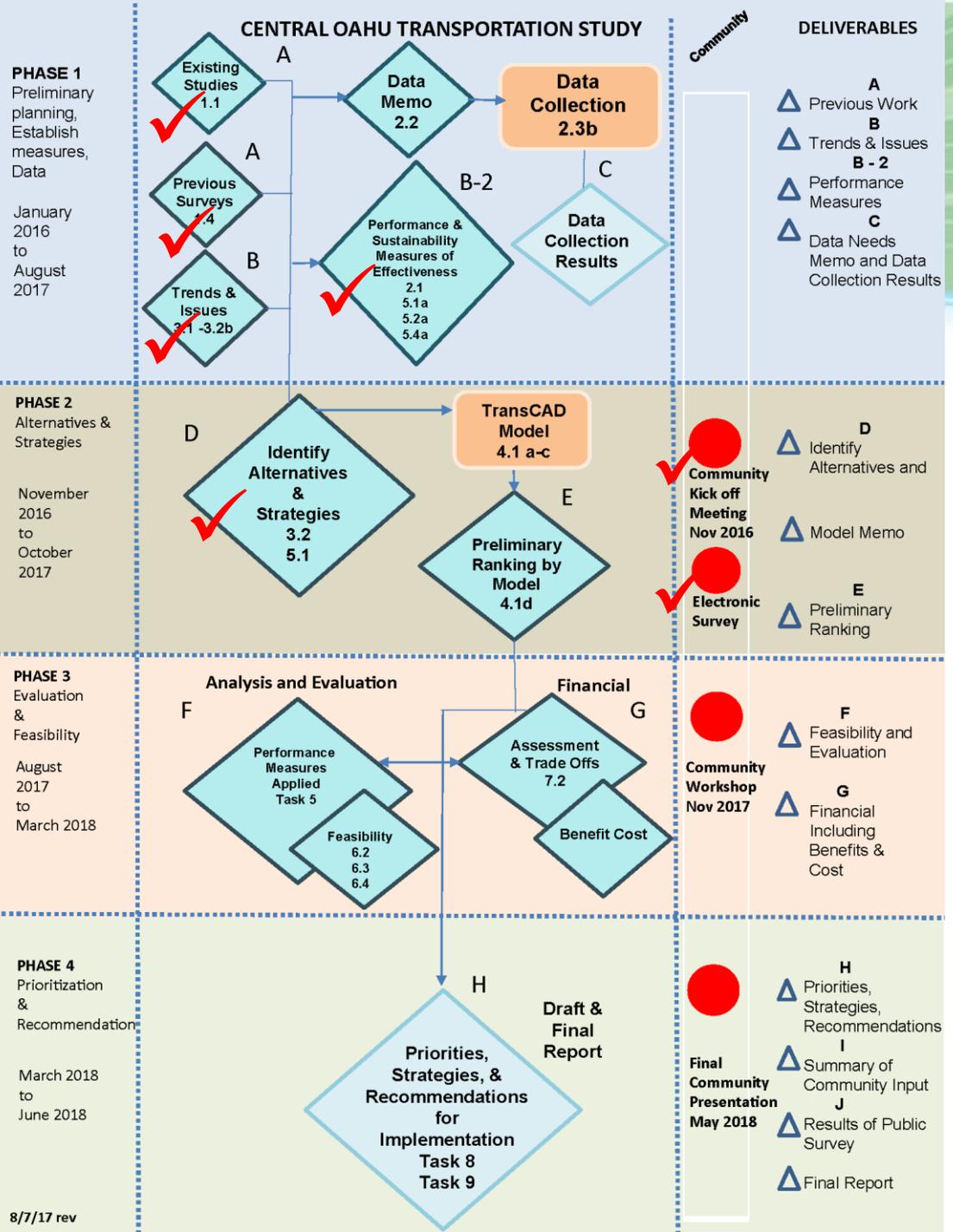
# Public Involvement

- Multi-pronged approach
  - Community meetings
  - CAC Permitted Interaction Group
  - General outreach to get people/organizations involved
    - 271 people/organizations in Central Oahu
    - 554 via local universities
  - “Virtual Stakeholder Panel”
    - Periodic survey throughout the project: 81 participants
    - Finalizing survey #3
  - Additional publicity
    - Ads in Mililani News, the Central Oahu Midweek
    - [www.oahumpo.org/CentralOahu](http://www.oahumpo.org/CentralOahu)



# Progress

- Overall, 42% complete
- Big tasks in process
- Anticipated completion: June 2018





# Tasks & Progress

1	Review previous work Establish & work with project management working group Establish & conduct a stakeholder involvement process	70%
2	Establish performance measures and measures of sustainability, and perform associated data collection	50%
3	Review regional transportation, demographic, economic, and land use trends and issues	68%
4	Multi-modal needs and opportunities	84%
5	Identify potential strategies and system improvements	33%
6	Analyze potential strategies and system improvements	18%
7	Conduct a multi-modal transportation systems benefit-cost analysis	0%
8	Compare and prioritize those potential strategies and system improvements	0%
9	Develop recommendations and an implementation timeframe	0%

*\*as of August 31, 2017*



## Next Steps

- Analysis of projects/programs
- Nov. 16: 2<sup>nd</sup> Community Meeting