

Welcome and Aloha

Improvements to Maluhia Road (Route 520)
and Kōloa Road (Route 530)

County of Kauaʻi,
Department of Public Works

June 25, 2019

Improvements to Maluhia Road (Route 520)
And Kōloa Road (Route 530), Kōloa, Island of Kauaʻi



Purpose of Tonight's Meeting

Continue project dialogue by providing an update on the proposed project and anticipated timeline for construction

Meeting Agenda

- ▶ Project Overview
- ▶ Current Timeline
- ▶ Question and Answer Session

Improvements to Maluhia Road (Route 520)
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Project Scope

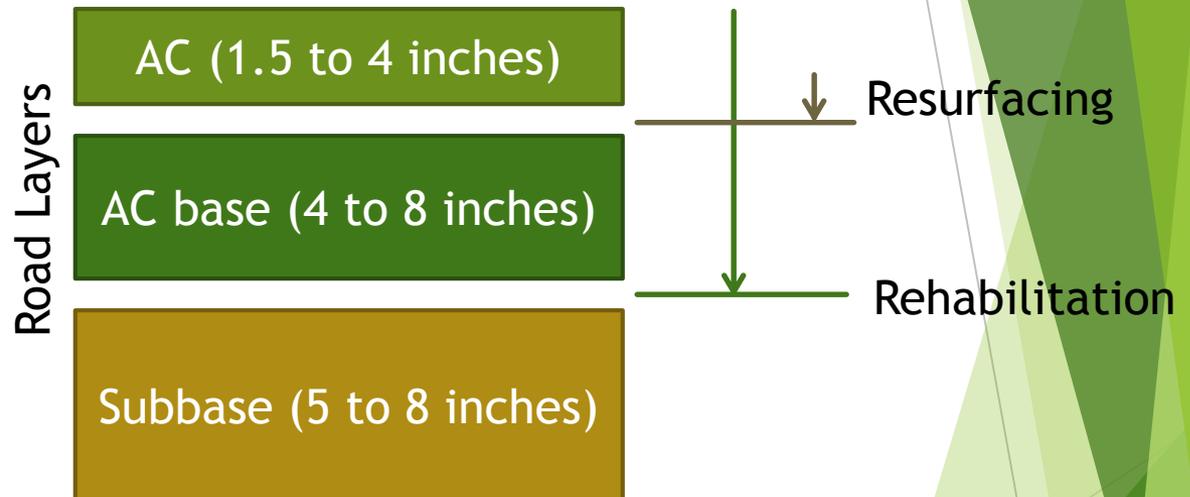
- ▶ Resurface and rehabilitate roadway pavement (preservation)
- ▶ Extend shoulders by 4 feet to 6 feet on both sides, where feasible (safety, preservation, usability)
- ▶ Additional Features (safety, improve flow, preservation):
 - ▶ Roundabout on Kōloa Rd at Ala Kalanikaumaka;
 - ▶ Left-turn lane on Kōloa Rd to Piko Rd;
 - ▶ Left-turn lane on Kōloa Rd at businesses near Lau‘oho Road;
 - ▶ Left-turn pocket on Maluhia Road from Ala Kinoiki;
 - ▶ Drainage modifications, utility adjustments, roundabout lighting, guardrail, and other safety improvements

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What is Rehabilitation?

- ▶ Rehabilitation, where needed
- ▶ Resurfacing throughout
- ▶ Restriping

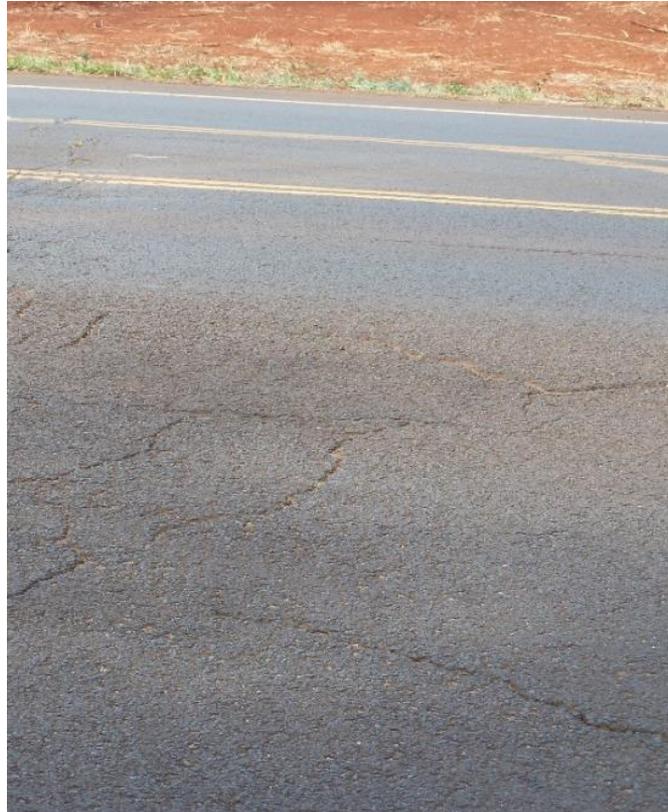


Improvements to Maluhia Road (Route 520)
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Examples of Deterioration

- ▶ Normal wear and tear
- ▶ Requires resurfacing, roughly 1.5 inches of asphalt concrete overlay



Improvements to Maluhia Road (Route 520)
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Examples of Deterioration

- ▶ Moderate distress
- ▶ Requires rehabilitation, roughly 6 inches asphalt concrete (AC) base removed and replaced, plus 1.5 inches asphalt concrete (AC) overlay



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Examples of Deterioration

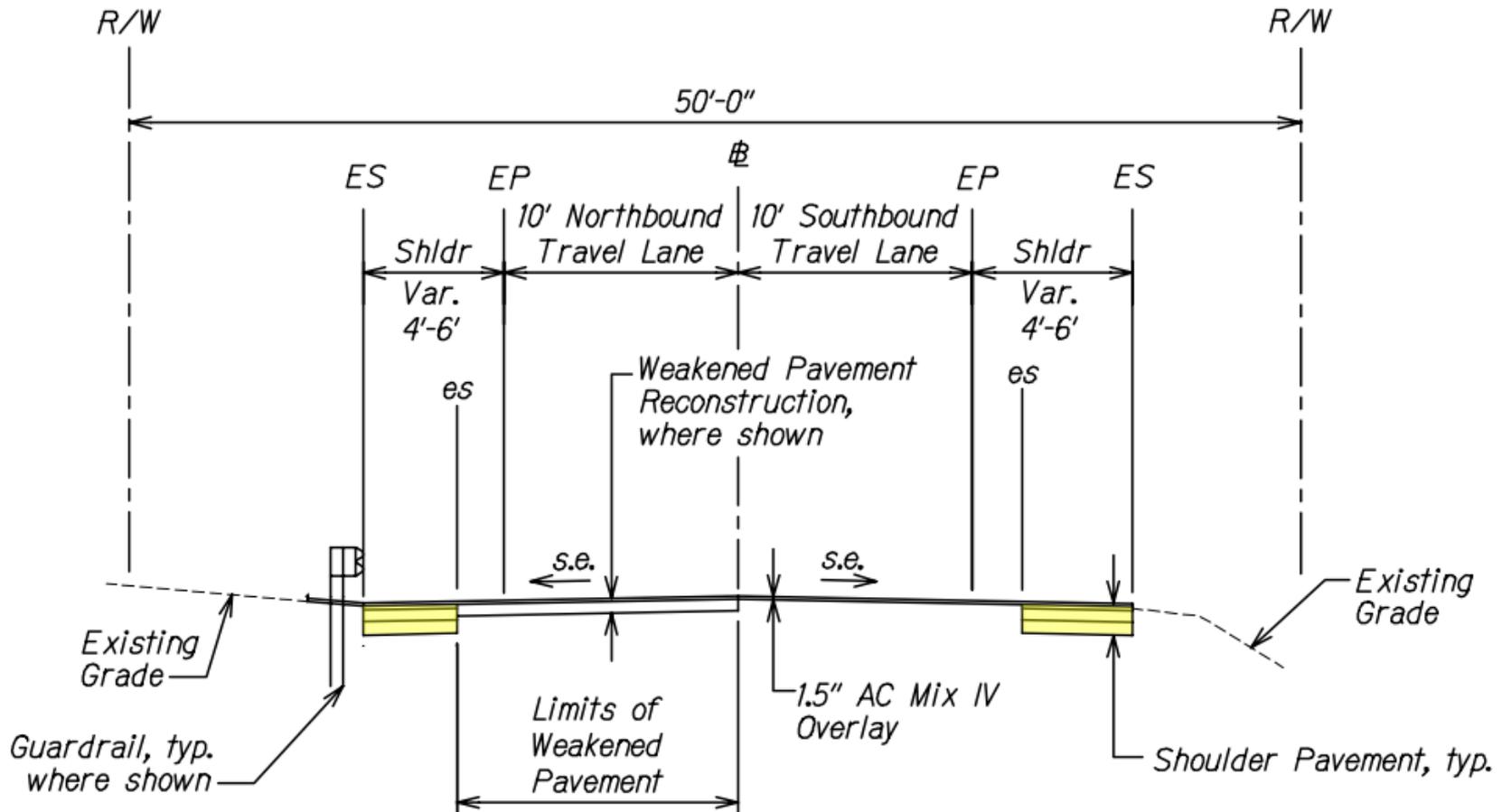
- ▶ Severe distress
- ▶ Requires rehabilitation, roughly 6 inches asphalt concrete (AC) base removed and replaced, plus 1.5 inches asphalt concrete (AC) overlay



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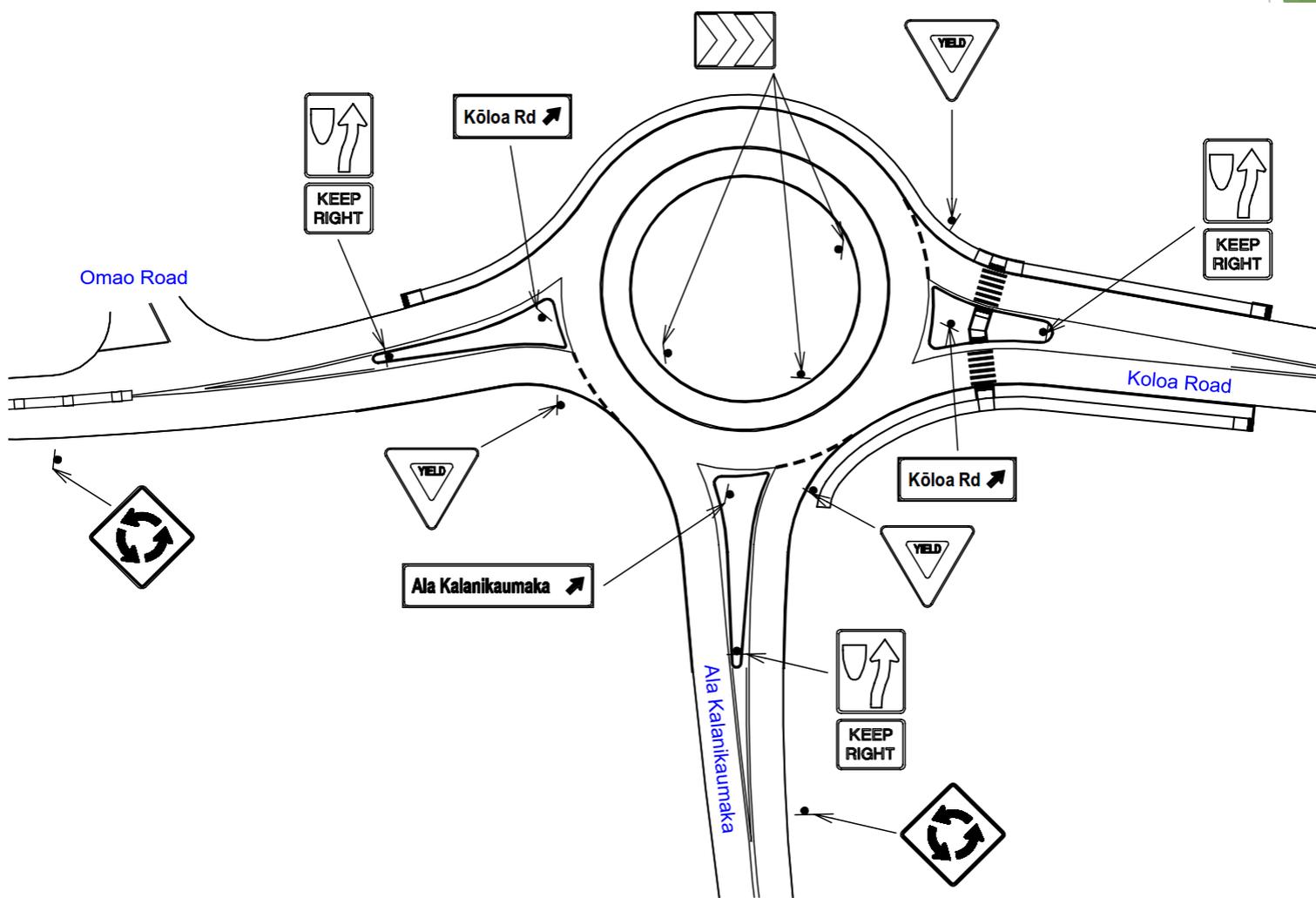
Roadway Shoulder-Widening



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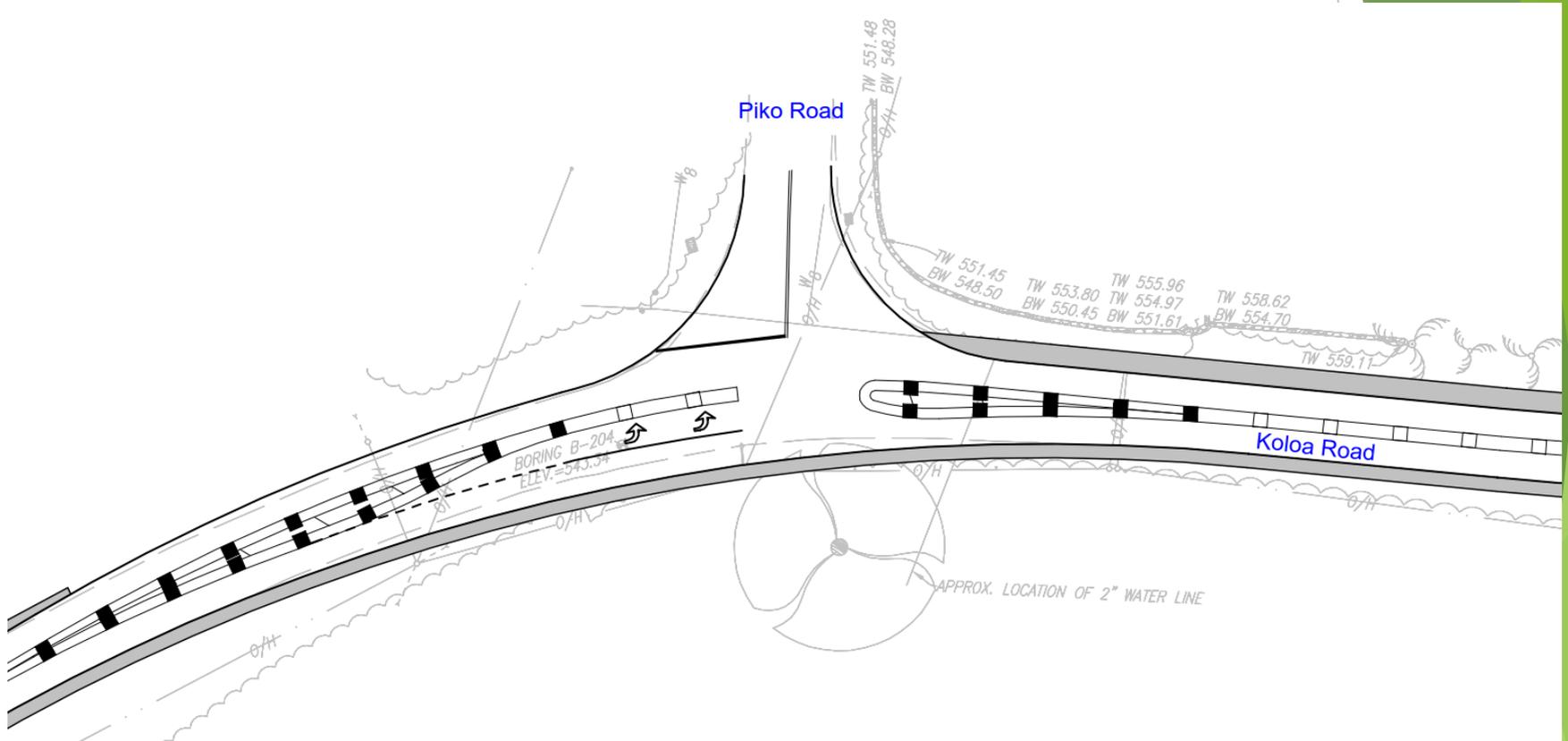
Roundabout on Kōloa Rd at Ala Kalanikaumaka



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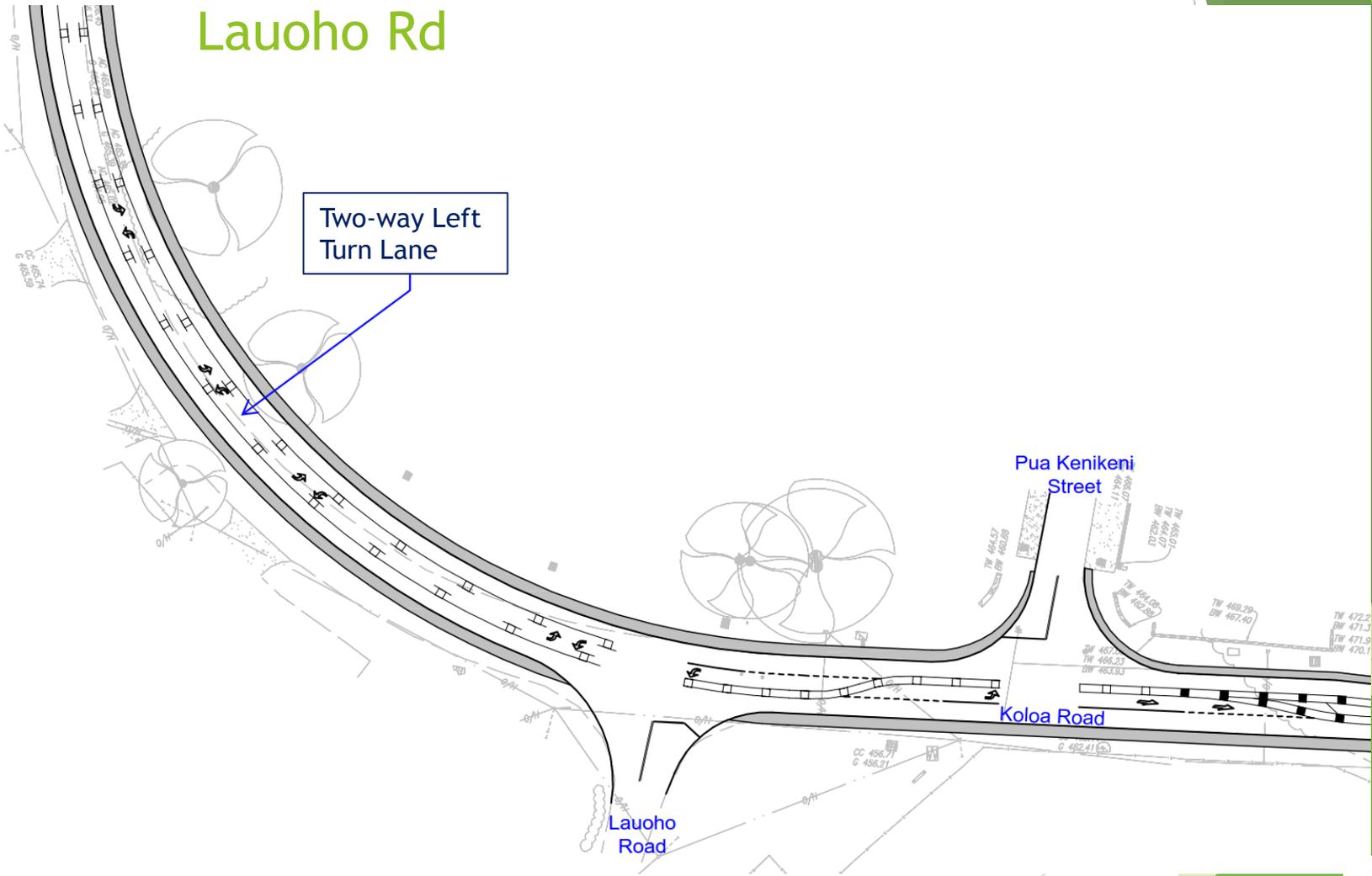
Left-turn Lane on Kōloa Rd at Piko Rd



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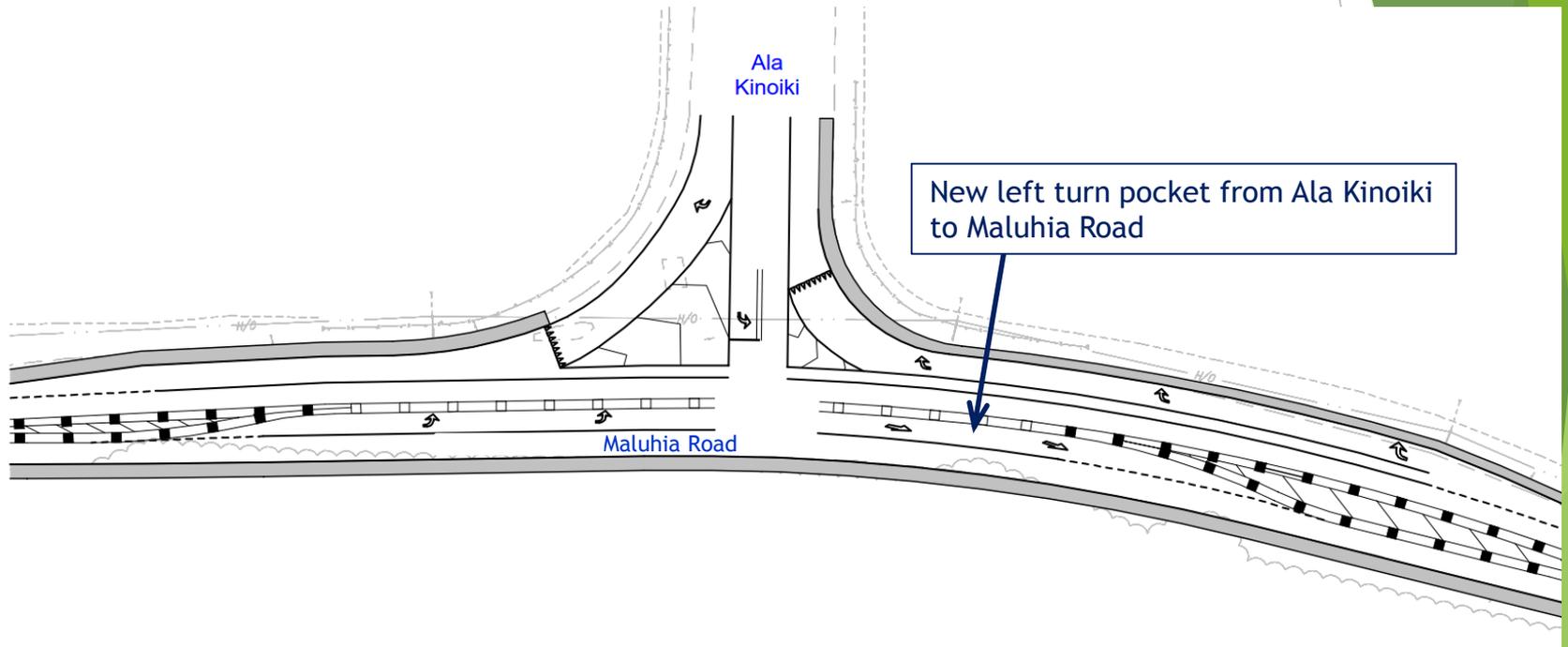
Two-Way Left Turn Lane on Kōloa Rd near Lauoho Rd



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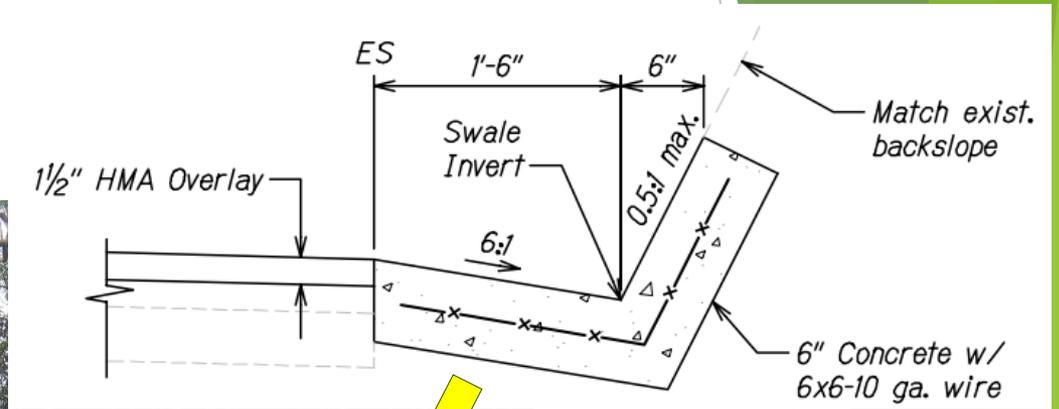
Left-turn pocket on Maluhia Road from Ala Kinoiki



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Maluhia Tree Tunnel Swale



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Project Status

- ▶ Federal and State environmental clearances are complete
- ▶ Design is complete
- ▶ DOH Community Noise Variance to allow work on nights, weekends, and holidays has been obtained; restrictions are in place for construction activities within 500 feet of residences
- ▶ NPDES permits have been obtained
- ▶ Waiting for obligation of federal funds
- ▶ In preparation for Construction Bid
- ▶ Anticipate final public meeting after the construction contract is in place (early 2020)

**Improvements to Maluhia Road (Route 520)
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Current Schedule

- ▶ Construction estimated to start in Early 2020
- ▶ Construction estimated to be complete Late 2020

	2020												2021				
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	
Notice to Proceed		■															
Start-up and Mobilization			■														
Maluhia Recon/Shldr Widening				■	■	■	■	■	■	■	■	■					
Koloa Recon/Shldr Widening				■	■	■	■	■	■	■	■	■					
Roundabout				■	■	■	■	■	■	■	■	■					
Demobilization													■	■			
Construction Completion															■	■	
Project Close-out																	■

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Questions or Concerns?



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Mahalo

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