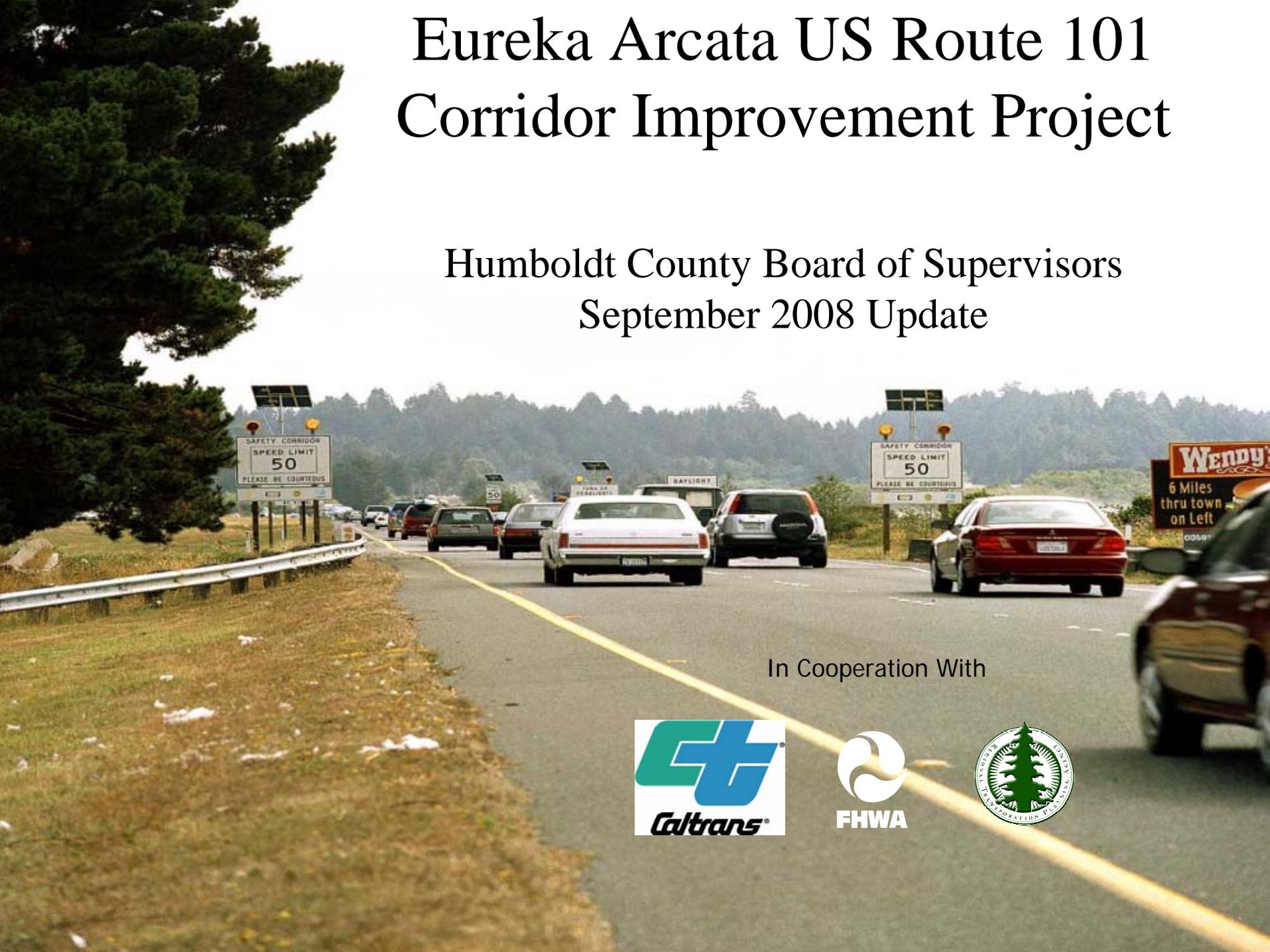


# Eureka Arcata US Route 101 Corridor Improvement Project

Humboldt County Board of Supervisors  
September 2008 Update



In Cooperation With



# Route 101 from Eureka Slough Bridge to 11<sup>th</sup> Street Overcrossing in Arcata

## **ISSUE – SAFETY & OPERATION OF AT GRADE INTERSECTIONS**

Cole -  
Median  
Closed 2003

Airport

Mid City

Simpson

Indianola

Bracut

Bayside



# Project Goals

- Improve Safety at Intersections
- Reduce Operational Conflicts
- Resurface, Restore, and Rehabilitate existing Route 101



The project is consistent with Regional Transportation Plan (RTP) adopted by HCAOG.

# ALTERNATIVE 1

- Close all medians.
- Improve right turn acceleration/deceleration movements.
- SHOPP Funded Rehabilitation work including: concrete barrier installation, ramp work, upgraded lighting, Asphalt overlay, one bridge replacement and two bridge widening, tide gate replacement, tree removal.
- HCAOG (STIP FUNDING) Cost – \$0

# ALTERNATIVE 1 – DEIR/EIS Issues

Substantial Potential Effects to:

- Business Access
- Local Roads
- Environmental Justice Communities
  - Out of Direction Travel Delay
  - Energy

# ALTERNATIVE 2



- Includes the work described in Alternative 1 AND
- Interchange at Indianola Cutoff
- HCAOG (STIP FUNDING) Cost – Approx \$25 M

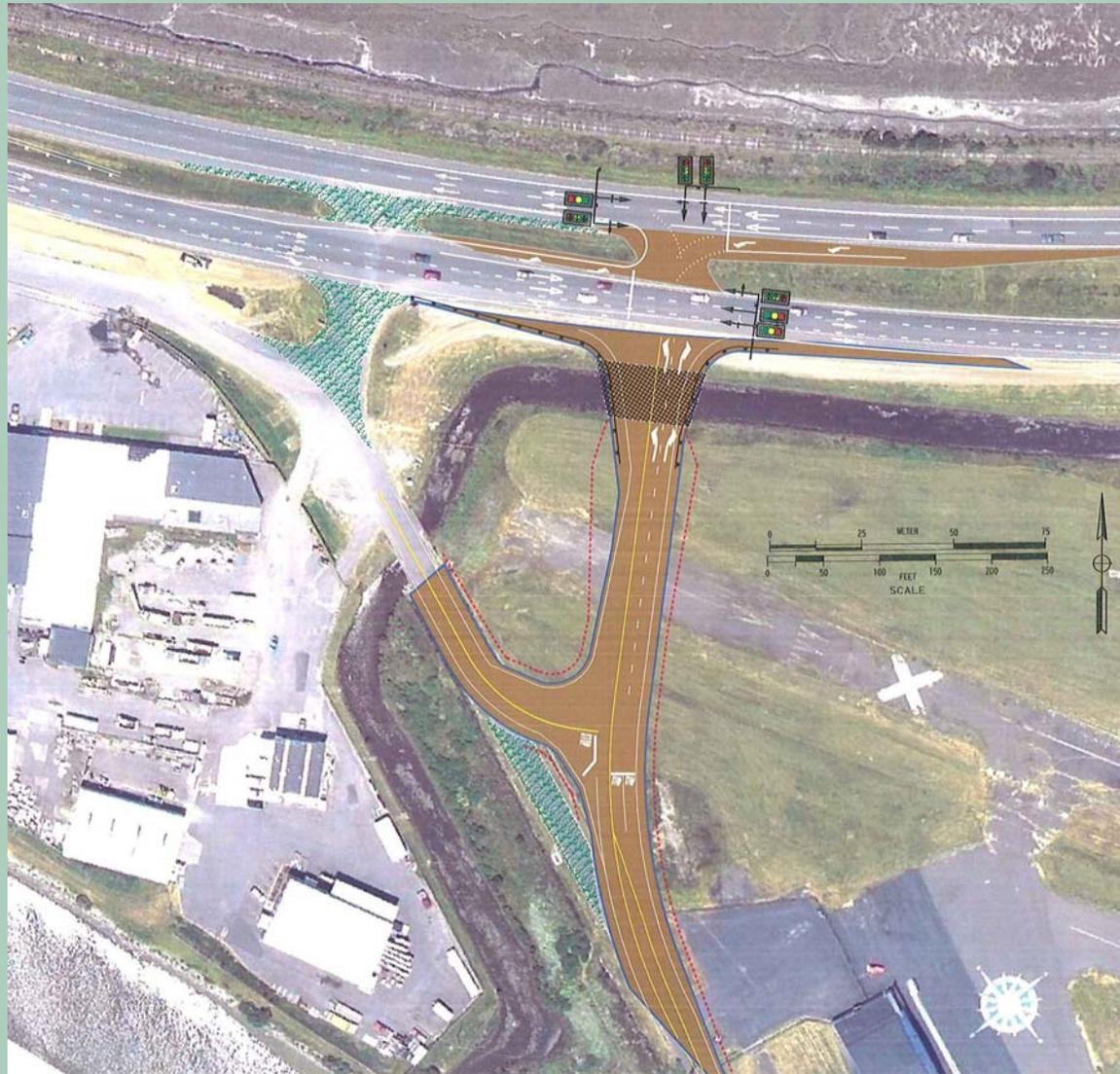
## ALTERNATIVE 2

Proposed Interchange Minimized Potential  
Effects to:

- Business Access
- Impacts to Local Roads
- Energy

# ALTERNATIVE 3

- Includes work in Alternative 1 AND
- Includes interchange at Indianola Cutoff AND
- Includes re-alignment and signalization at Airport Road and Route 101
- HCAOG (STIP FUNDING) cost –  
Approx \$32 M  
construction



# ALTERNATIVE 3

Further Minimized Potential Effects to:

- Business Access
- Environmental Justice
- Energy

# Modifications to Alternatives



# **ALTERNATIVE 1A**

- Close all medians
- Construct 2 turnaround locations (PM 82 & 83.3)
- Construct ½ traffic signal at Airport Road.

**HCAOG (STIP FUNDING) Cost – \$8 M**

# Alternative 1A Locations for Turnaround Movements

**PM 82.0 SB – NB & NB - SB**

**PM 83.3 NB - SB**

Cole

Airport

Mid City

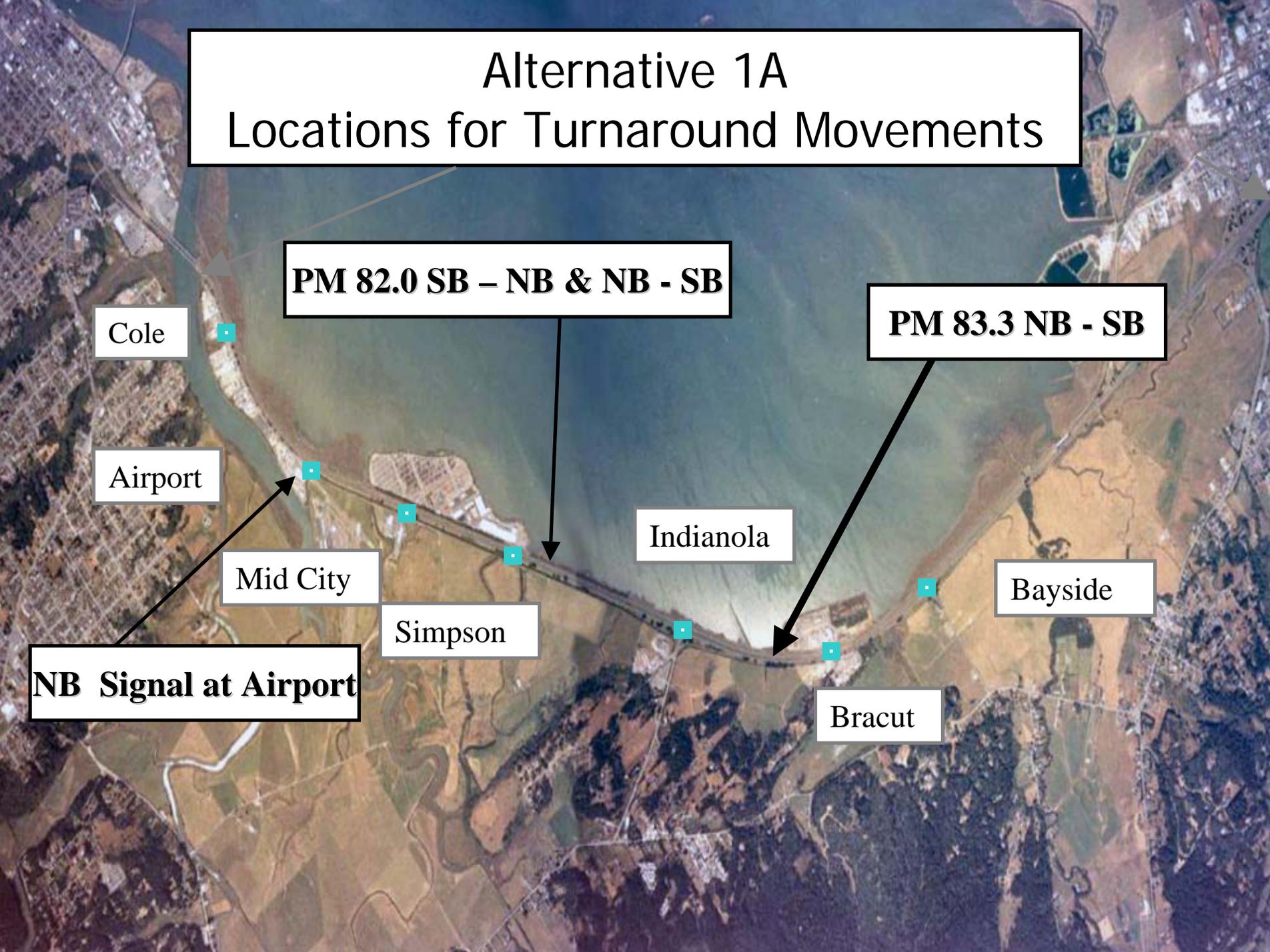
Simpson

Indianola

Bayside

**NB Signal at Airport**

Bracut



# Proposed 1/2 Signal at Airport Road



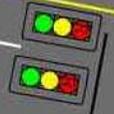
Farm  
Store

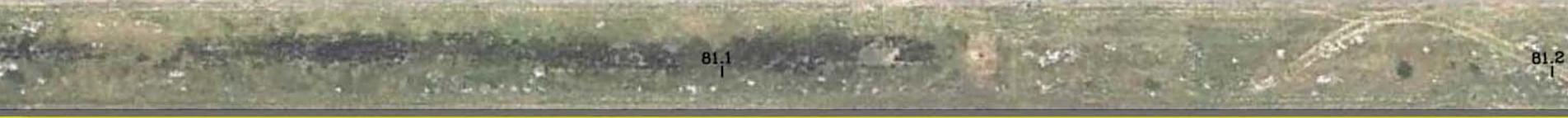
Murray Field Airport

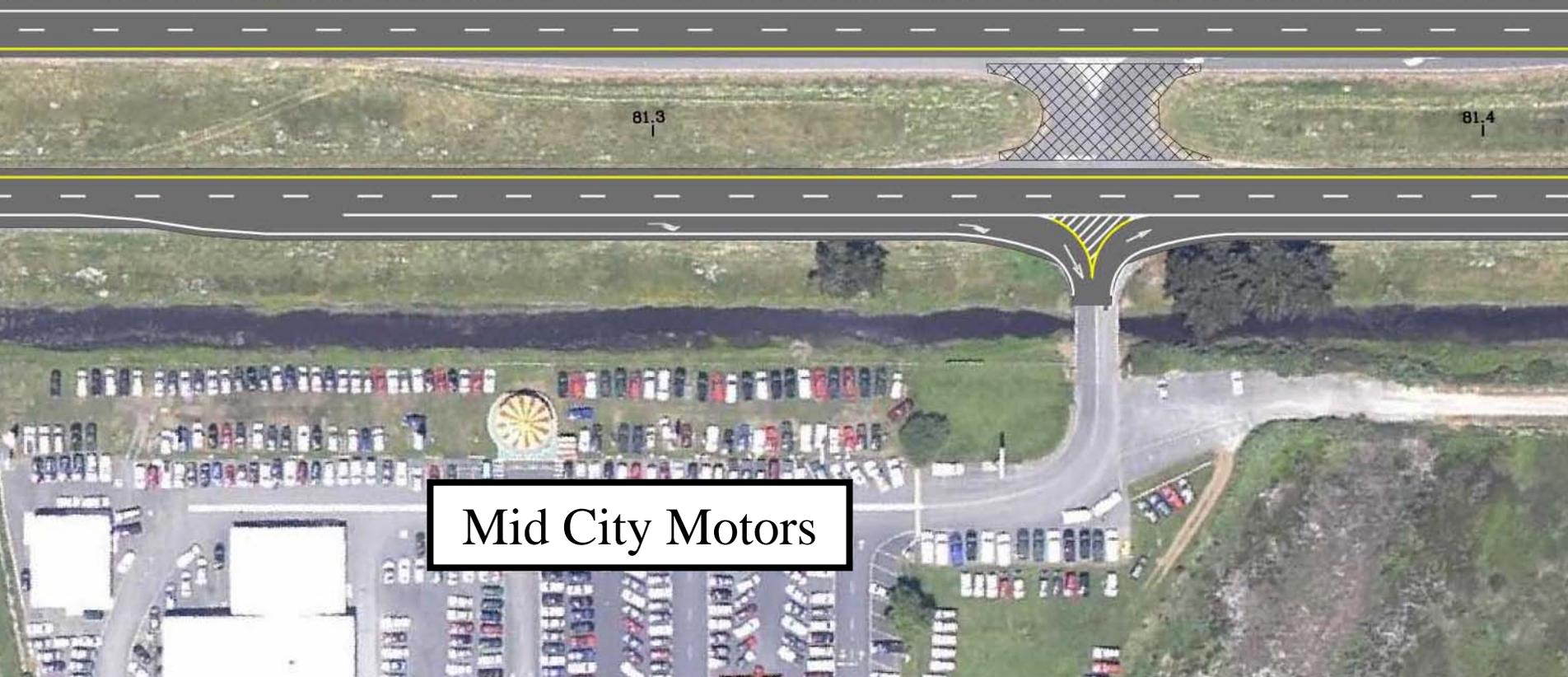
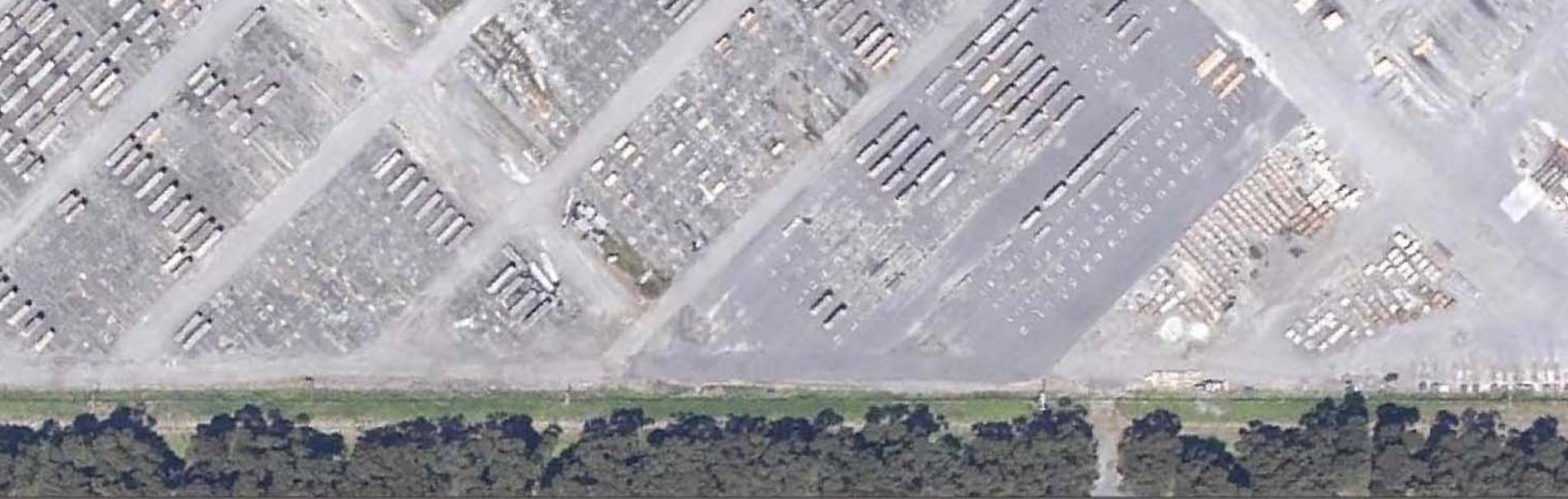


Rob's Ave

Airport Road







Mid City Motors



81.5

81.6

# CA Redwood Company



# Proposed Turnaround at PM 82.0

CA Redwood Company



Note: Median widened to accommodate STAA trucks and bus turns



82.1

82.2



82.3

82.4





82.5

82.6

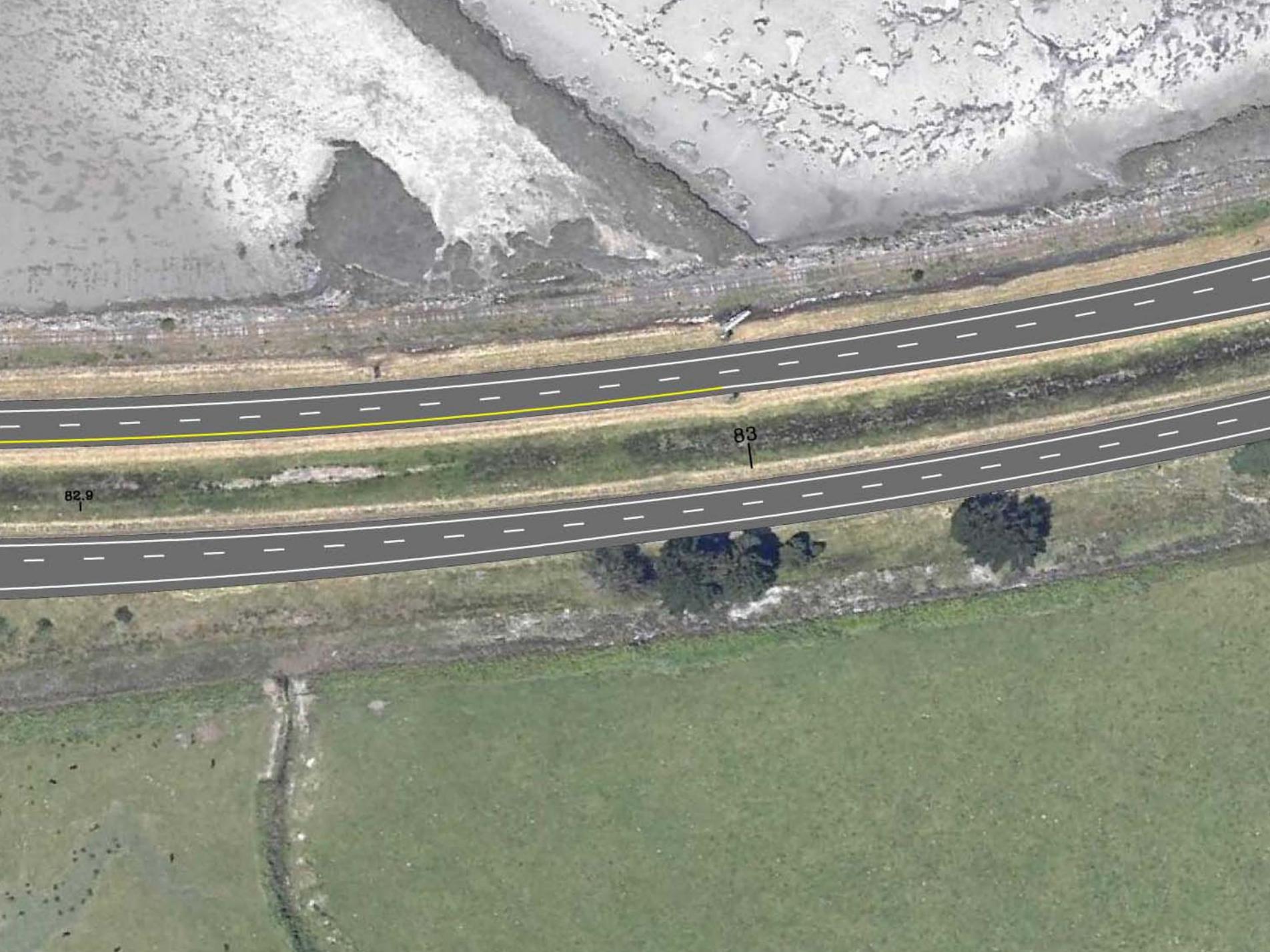
Indianola Intersection



82.7

82.8

Indianola Intersection



82.9

83



83.1

83.2

# Proposed Turnaround at PM 83.3

Mill Yard

83.3

83.4

Resale Lumber





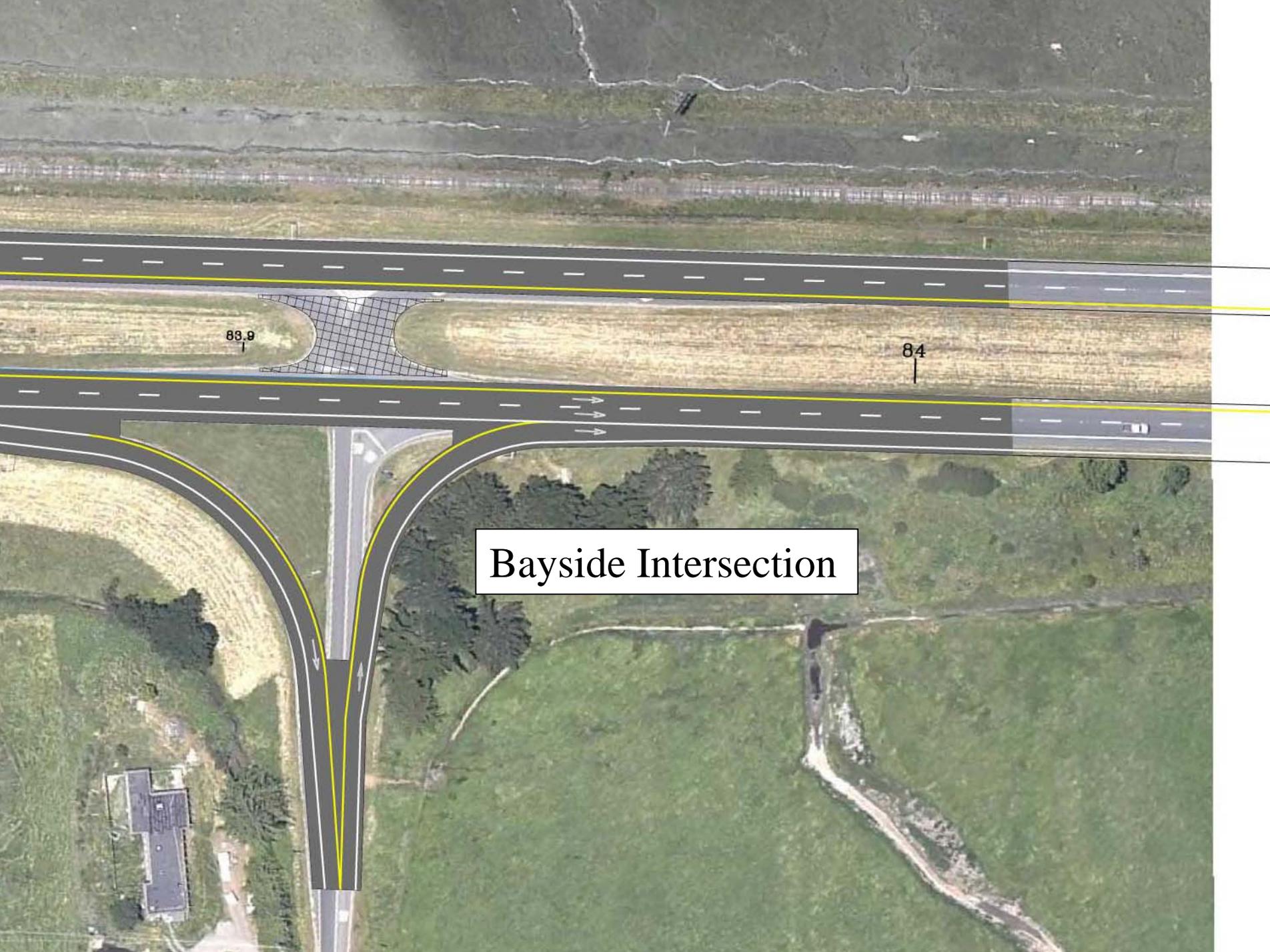
83.5

83.6



83.7

83.8



88.9

84

Bayside Intersection

# Modifications to Alternative 3 (101CAP Alternative)



# Alternative 3A - Modification to Alternative 3

- **Close all median openings**
- **Steeper side slopes for proposed interchange at Indianola Cutoff**
- **Construct ½ Traffic Signal at Airport Road**

**HCAOG (STIP FUNDING)**  
**Cost – \$18 M**

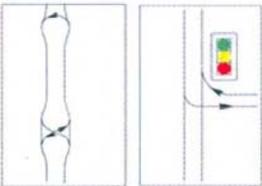
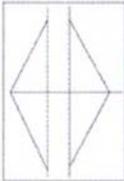
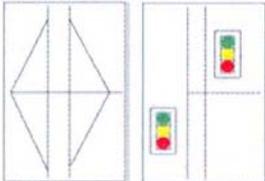
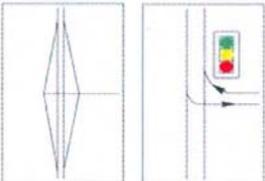


# Interchange at Indianola Cutoff



# Proposed 1/2 Signal at Airport Road



	<b>ALTERNATIVE</b>	Cost (millions)	Anticipated Permanent Wetland Impacts (acres)
	<b>Alt 1 EIS/EIR</b> Close Median Crossings	<b>\$29</b>	<b>4</b>
	<b>Alt 1A</b> Close Median Crossings J-Turns PM 82.0 + 83.3 Half Signal Airport	<b>\$38</b>	<b>7</b>
	<b>Alt 2 EIS/EIR</b> Indianola Interchange-Close Median Crossings	<b>\$55</b>	<b>13</b>
	<b>Alt 3 EIS/EIR</b> Indianola Interchange + Realign Airport Rd and Full Signal at Airport Rd	<b>\$62</b>	<b>15</b>
	<b>Alt 3A</b> Indianola Interchange-Steep Slopes narrow median-Close median crossings, Half signal at Airport Rd.	<b>\$49</b>	<b>11</b>

# NO BUILD ALTERNATIVE

NO MODIFICATIONS TO THE EXISTING  
ALIGNMENT OR ACCESS

