





ReidMiddleton

March 26, 2019 5:30–7:30pm Bellevue Botanical Garden Educational Center

OPEN HOUSE Intersection Study on SE 8th Street & Lake Hills Connector

Purpose

Identify improvements at the three intersections to address safety, traffic flow, & non-motorized mobility while considering cost, property, & environmental impacts

Planning Process & Schedule

2018		
Nov	Dec	Jan
Collec	t Data	
	Analyze Existing & Transportation Con	Future ditions

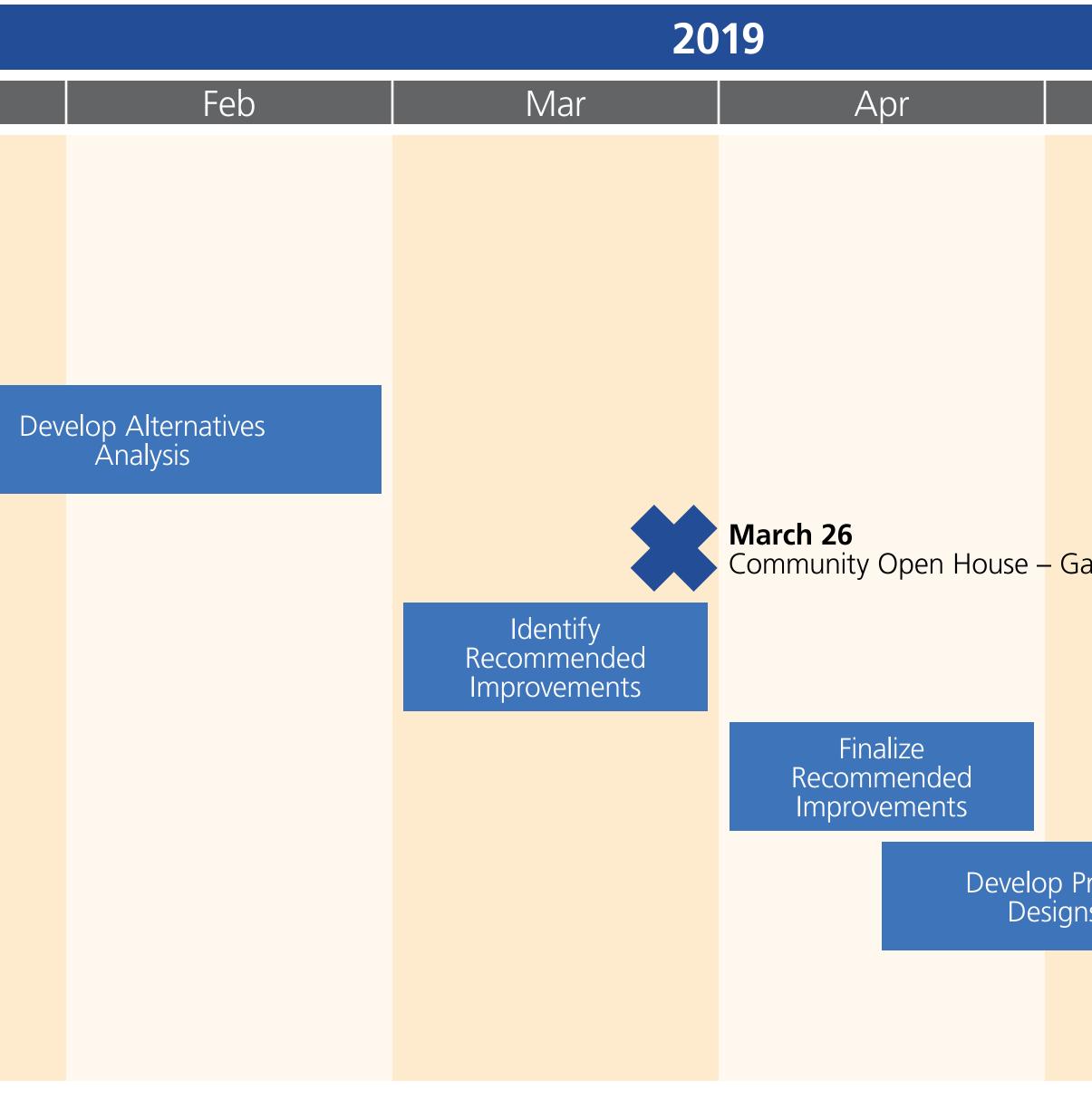
CITY OF BELLEVUE NEIGHBORHOOD SAFETY, **CONNECTIVITY &** CONGESTION LEVY





Possible Future Steps

- Secure funding
- Complete design
- Construct improvements



Purpose, Planning Process, & Schedule **OPEN HOUSE** – Intersection Study on SE 8th Street & Lake Hills Connector – City of Bellevue

May	June
ather Community Input	
Preliminary Engineering ns & Cost Estimates	
Complete Transportation Analysis Report	



121st

SE 8th Street

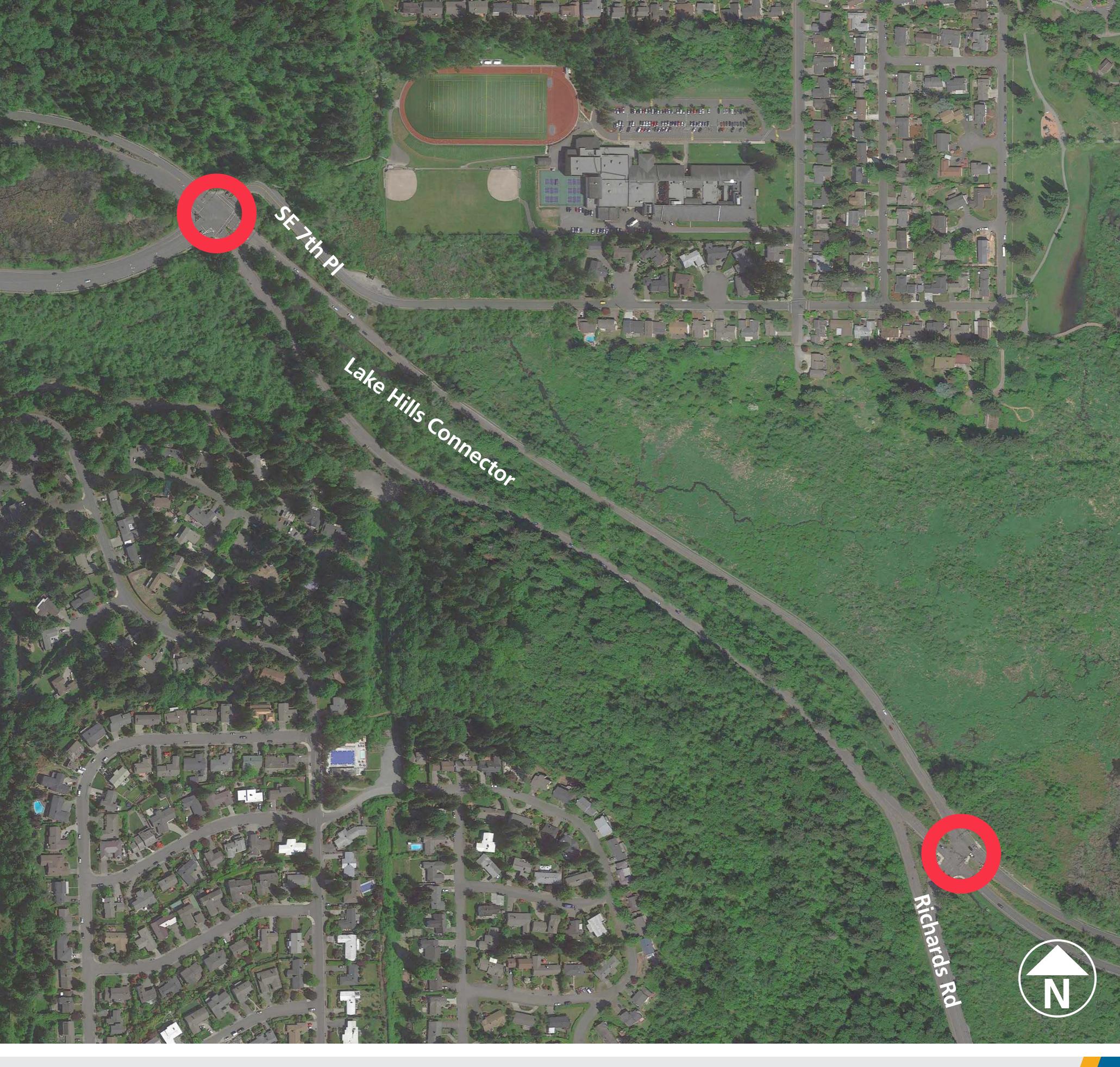
The SE 8th St/Lake Hills Connector Corridor is a major arterial that provides access to residential neighborhoods, schools, parks, and employment centers, and travels between I-405 and Lake Hills. The three existing signalized intersections that are being evaluated for this study include:

SE 8th Street / 121st Avenue SE
SE 8th Street / Lake Hills Connector
Lake Hills Connector / Richards Road

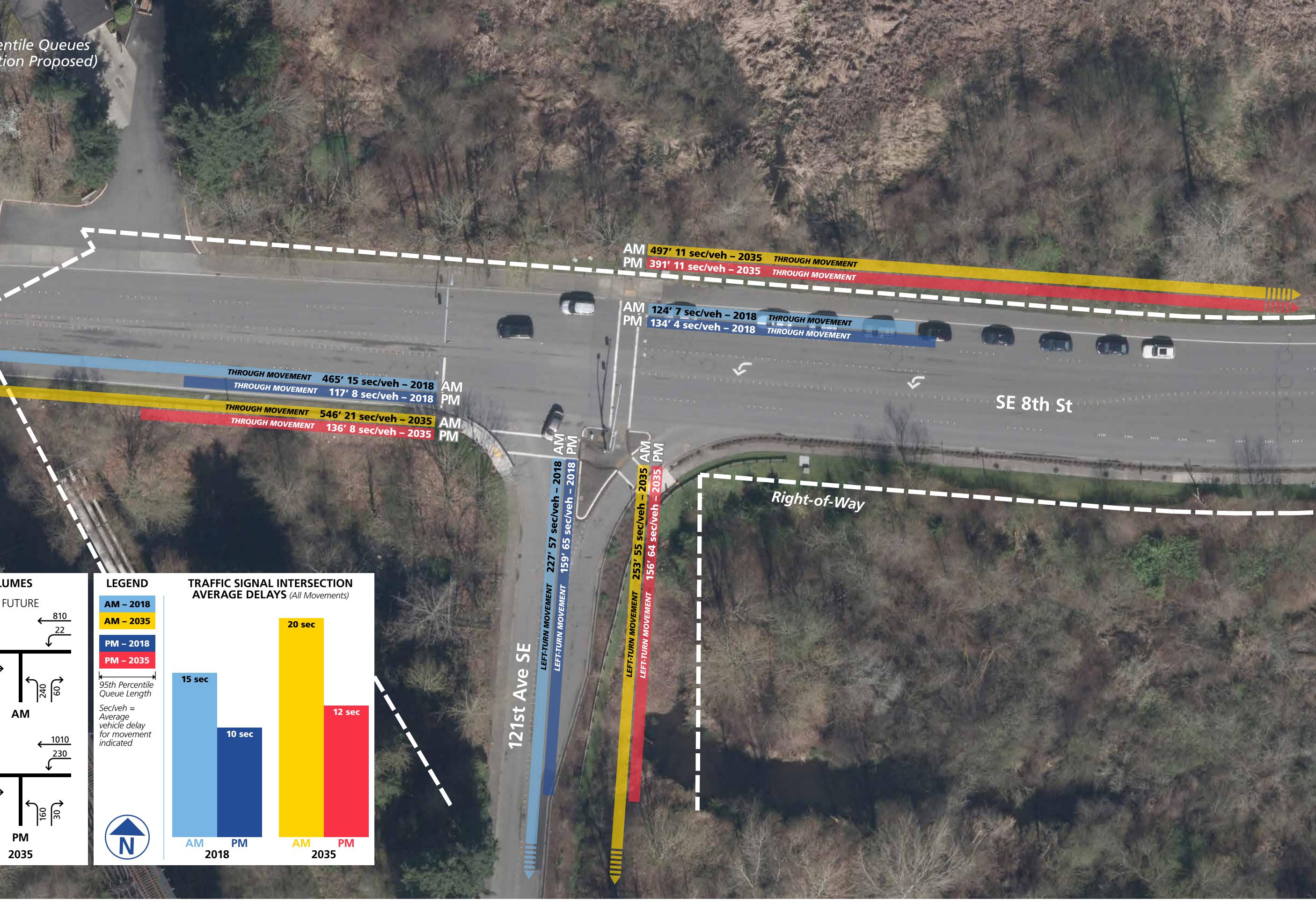
CITY OF BELLEVUE NEIGHBORHOOD SAFETY, CONNECTIVITY & CONGESTION LEVY

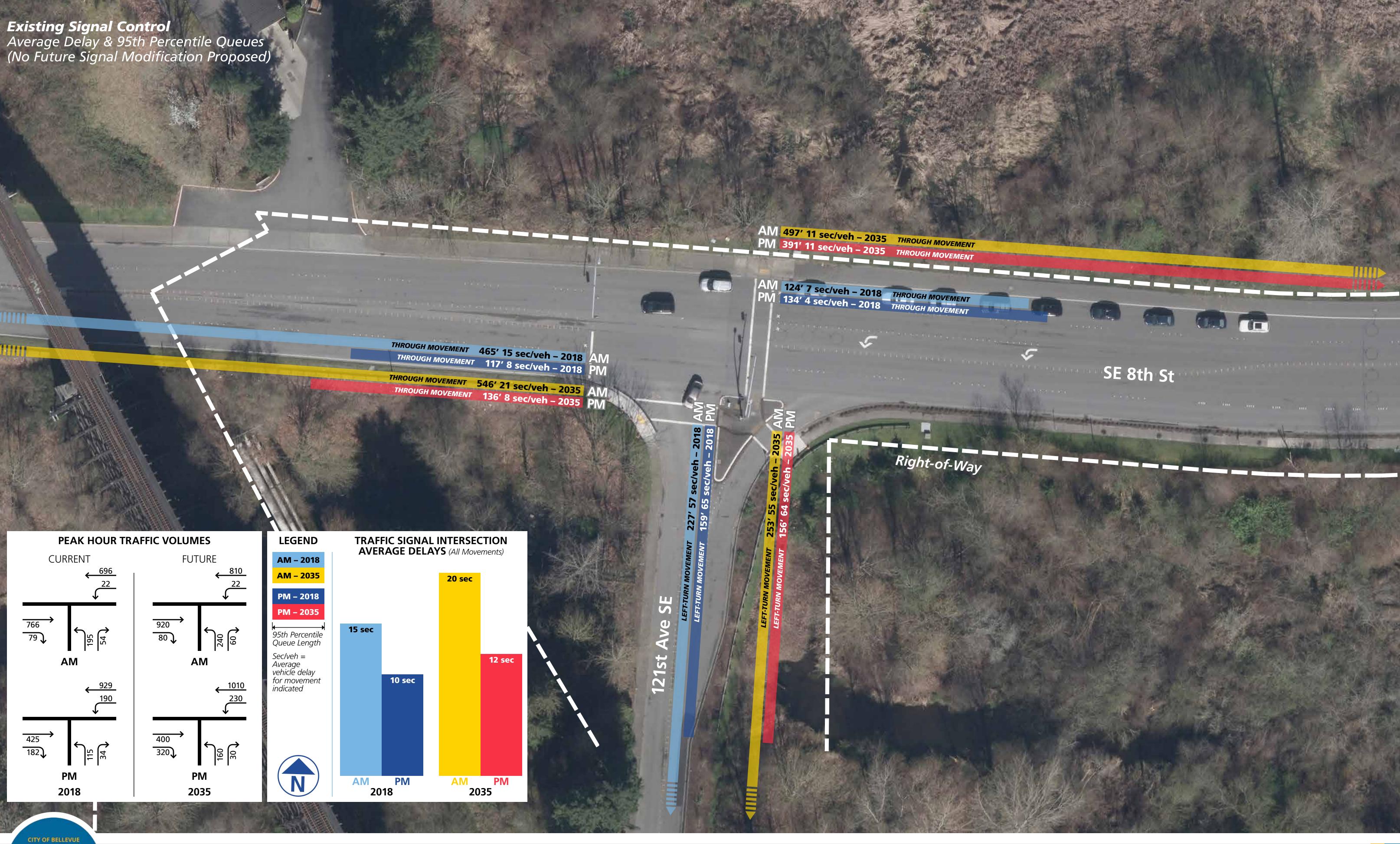


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NEIGHBORHOOD SAFETY, **CONNECTIVITY &** CONGESTION LEVY

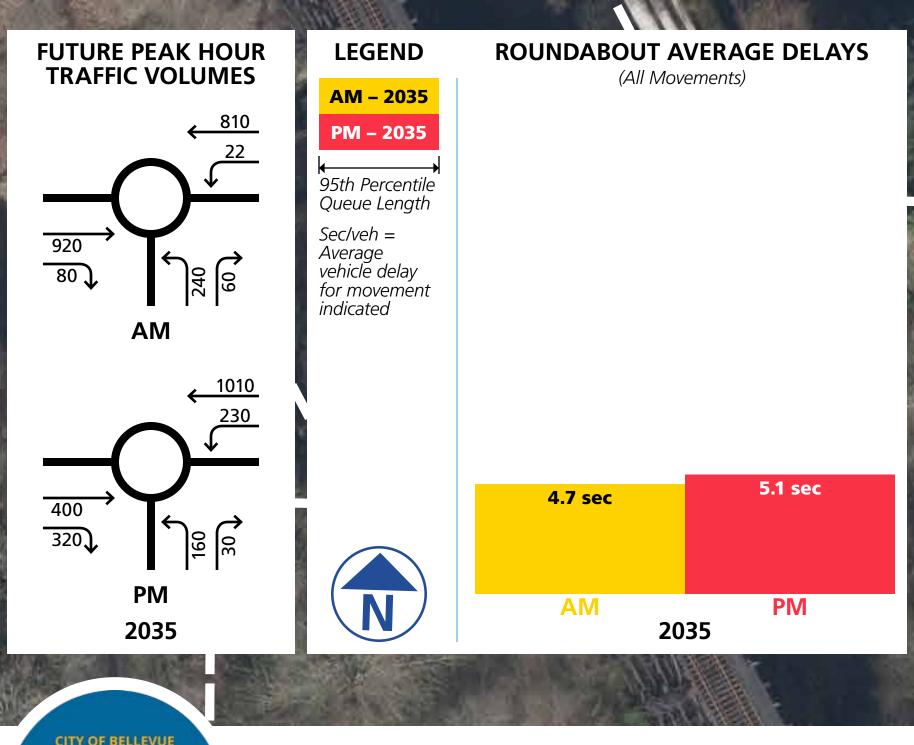


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SE 8th Street/121st Avenue SE – Existing Condition (2018) & No Build (2035) **OPEN HOUSE** – Intersection Study on SE 8th Street & Lake Hills Connector – City of Bellevue

Roundabout Control Average Delay & 95th Percentile Queues

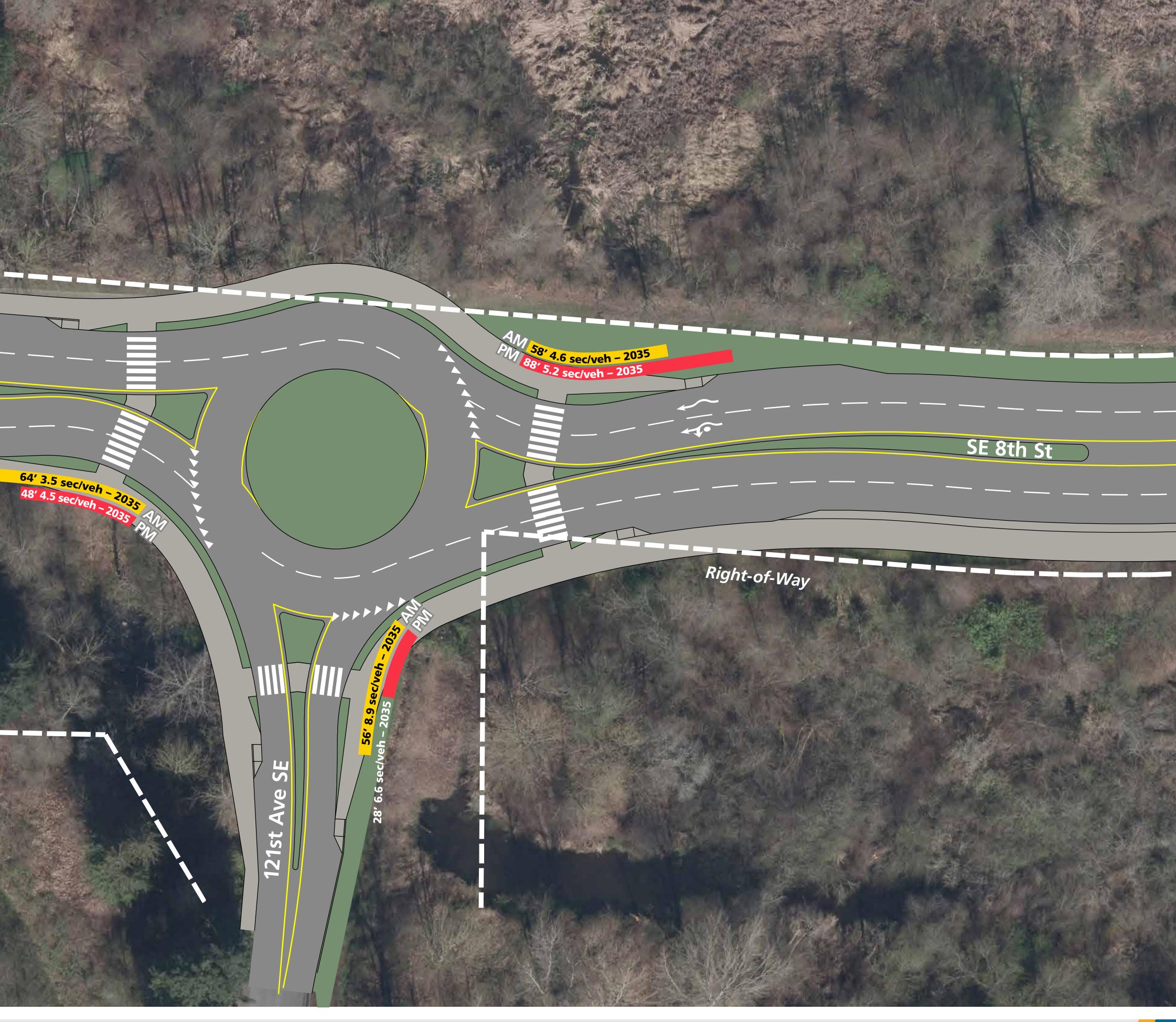
48' 4.5 sec/veh - >



CITY OF BELLEVUE NEIGHBORHOOD SAFETY, CONNECTIVITY & CONGESTION LEVY



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SE 8th Street/121st Avenue SE – Roundabout (2035) **OPEN HOUSE** – Intersection Study on SE 8th Street & Lake Hills Connector – City of Bellevue

Existing Signal Control Average Delay & 95th Percentile Queues

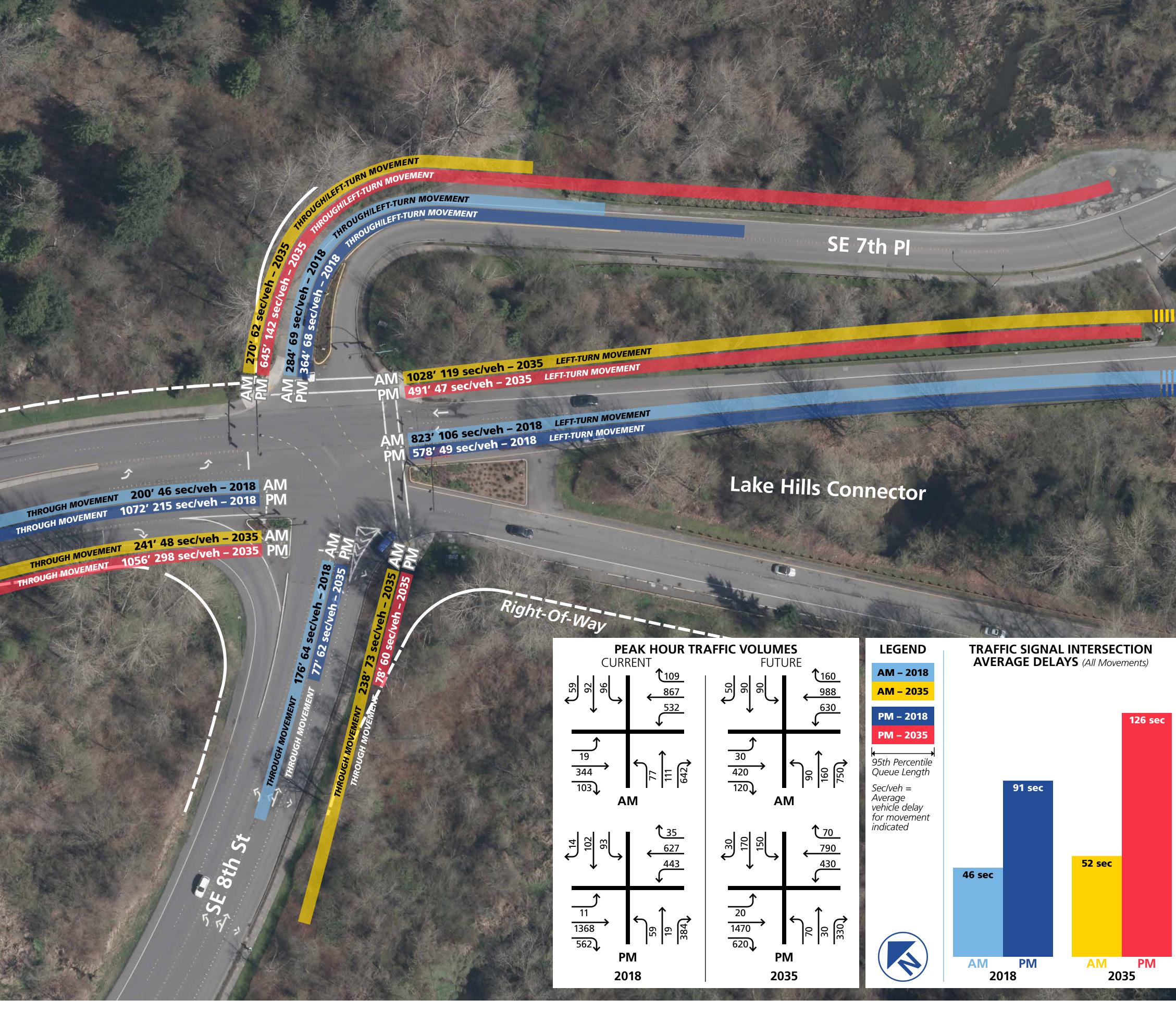
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Lake Hills Connector

CU



SE 8th Street/Lake Hills Connector – Existing Condition (2018) & No Build (2035) **OPEN HOUSE** – Intersection Study on SE 8th Street & Lake Hills Connector – City of Bellevue

Modified Signal Control Average Delay & 95th Percentile Queues

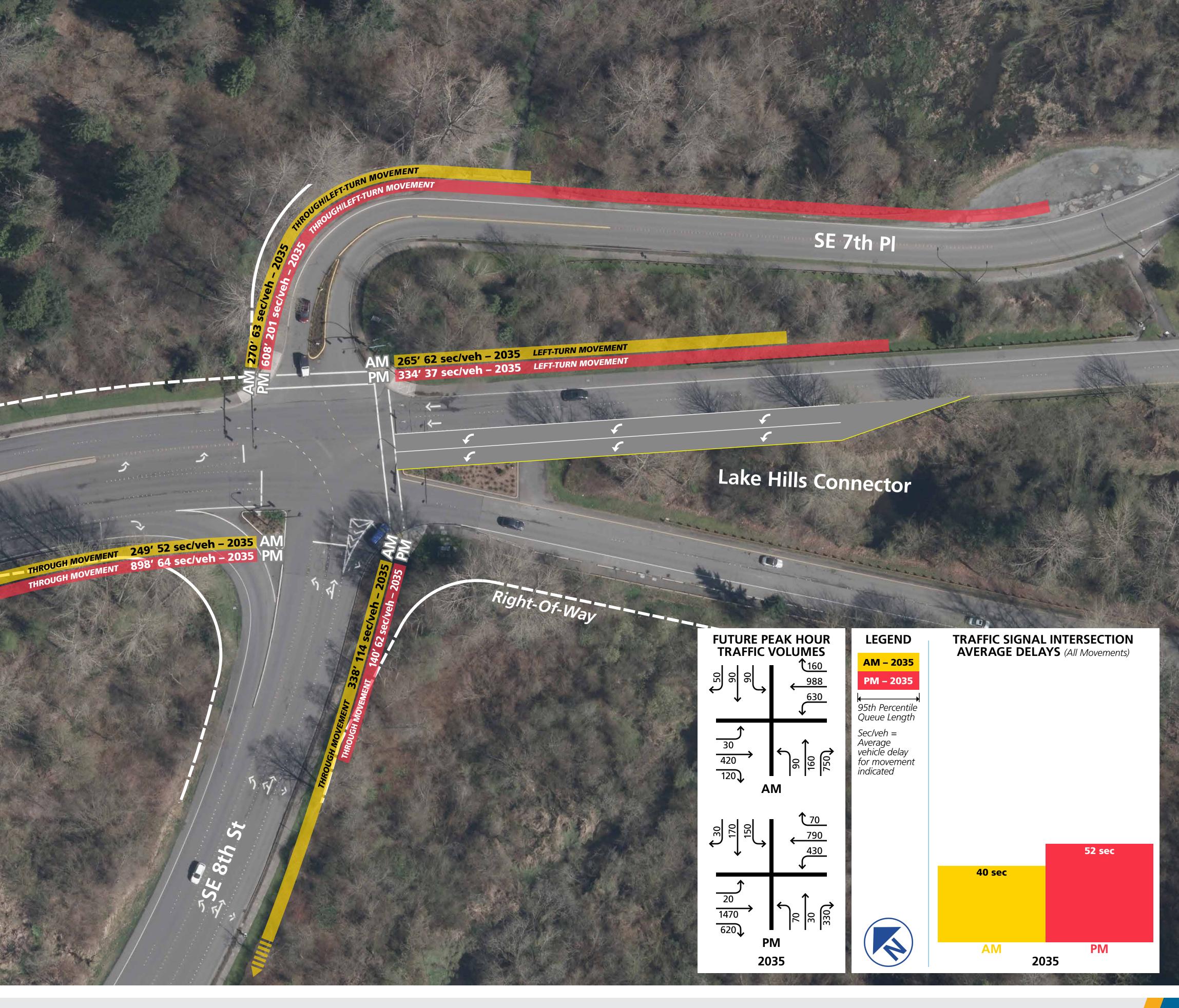
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Lake Hills Connector

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SE 8th Street/Lake Hills Connector – Modified Signal (2035)



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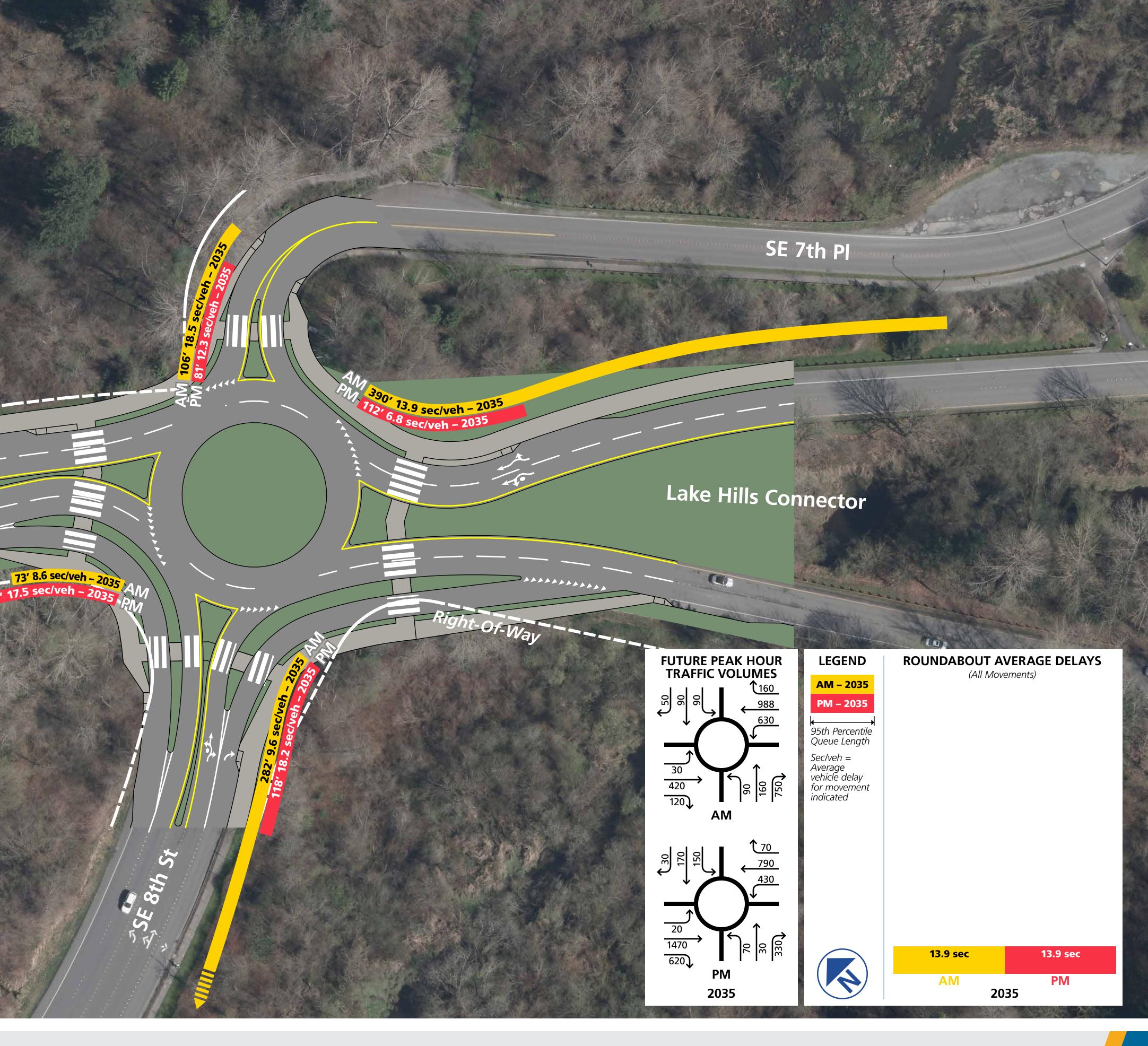
Roundabout Control Average Delay & 95th Percentile Queues

CITY OF BELLEVUE NEIGHBORHOOD SAFETY, CONNECTIVITY & CONGESTION LEVY

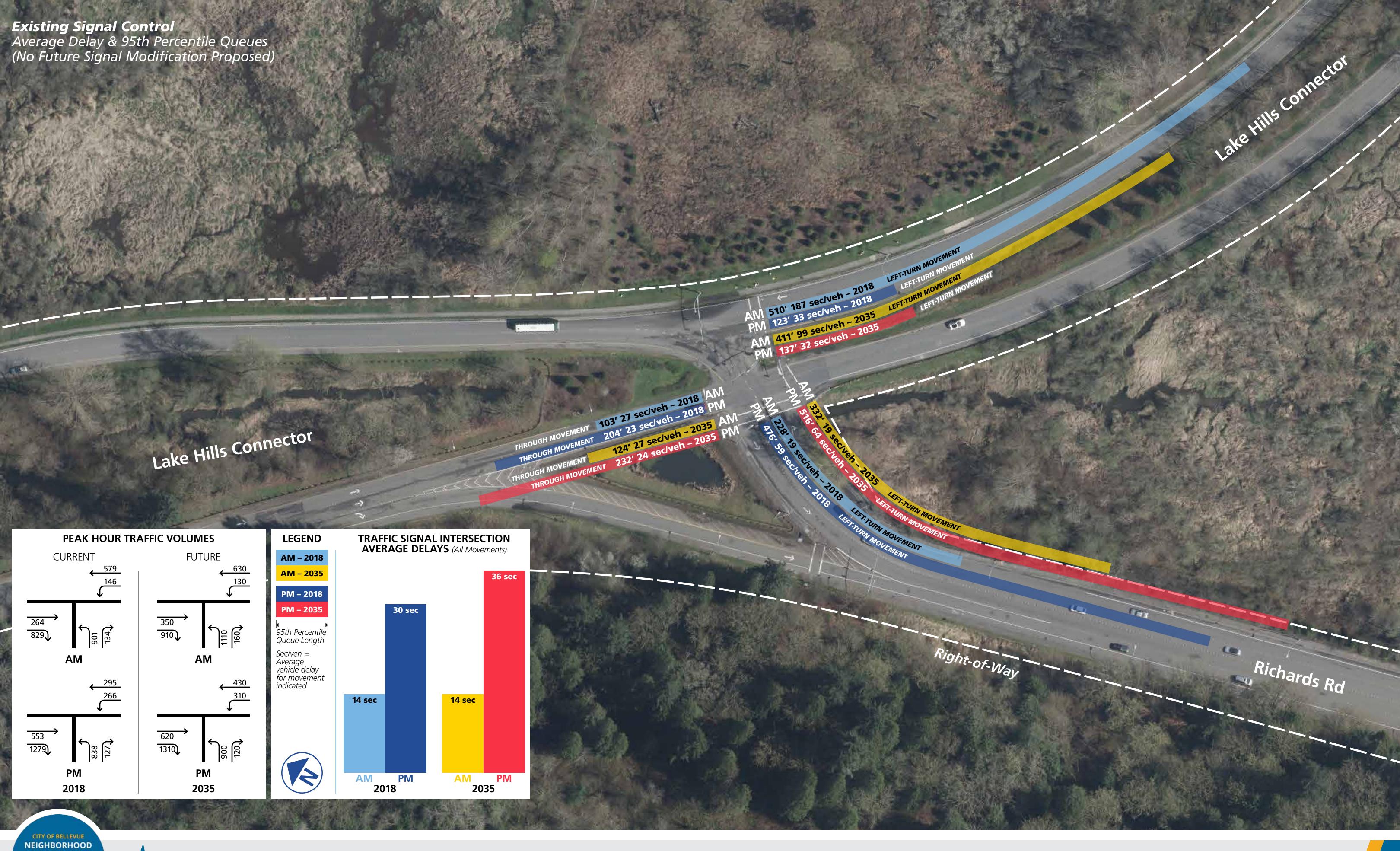


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Lake Hills Connector



SE 8th Street/Lake Hills Connector – Roundabout (2035) **OPEN HOUSE** – Intersection Study on SE 8th Street & Lake Hills Connector – City of Bellevue



SAFETY, **CONNECTIVITY & CONGESTION LEVY**



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Lake Hills Connector/Richards Road – Existing Condition (2018) & No Build (2035) **OPEN HOUSE** – Intersection Study on SE 8th Street & Lake Hills Connector – City of Bellevue

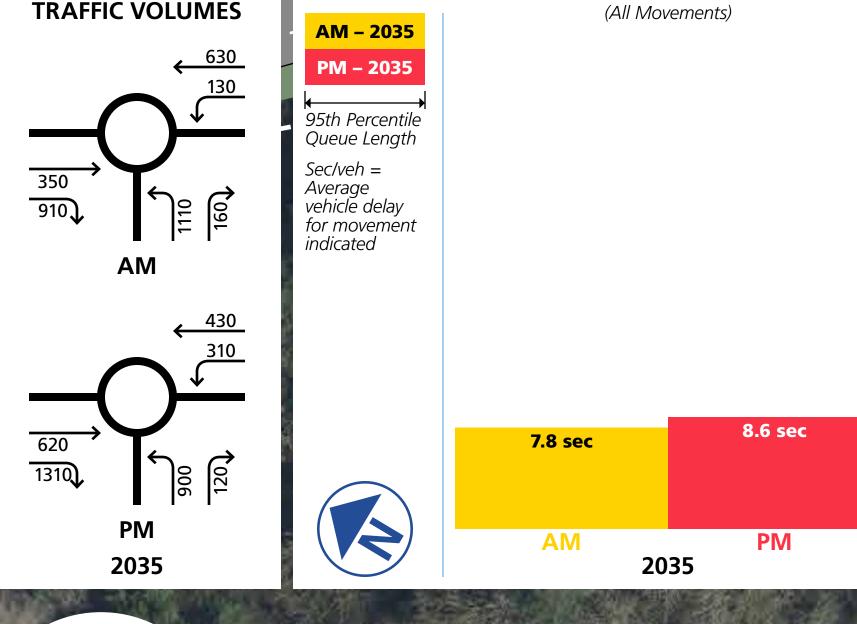
Roundabout Control Average Delay & 95th Percentile Queues

Lake Hills Connector

ROUNDABOUT AVERAGE DELAYS

FUTURE PEAK HOUR TRAFFIC VOLUMES

-



LEGEND





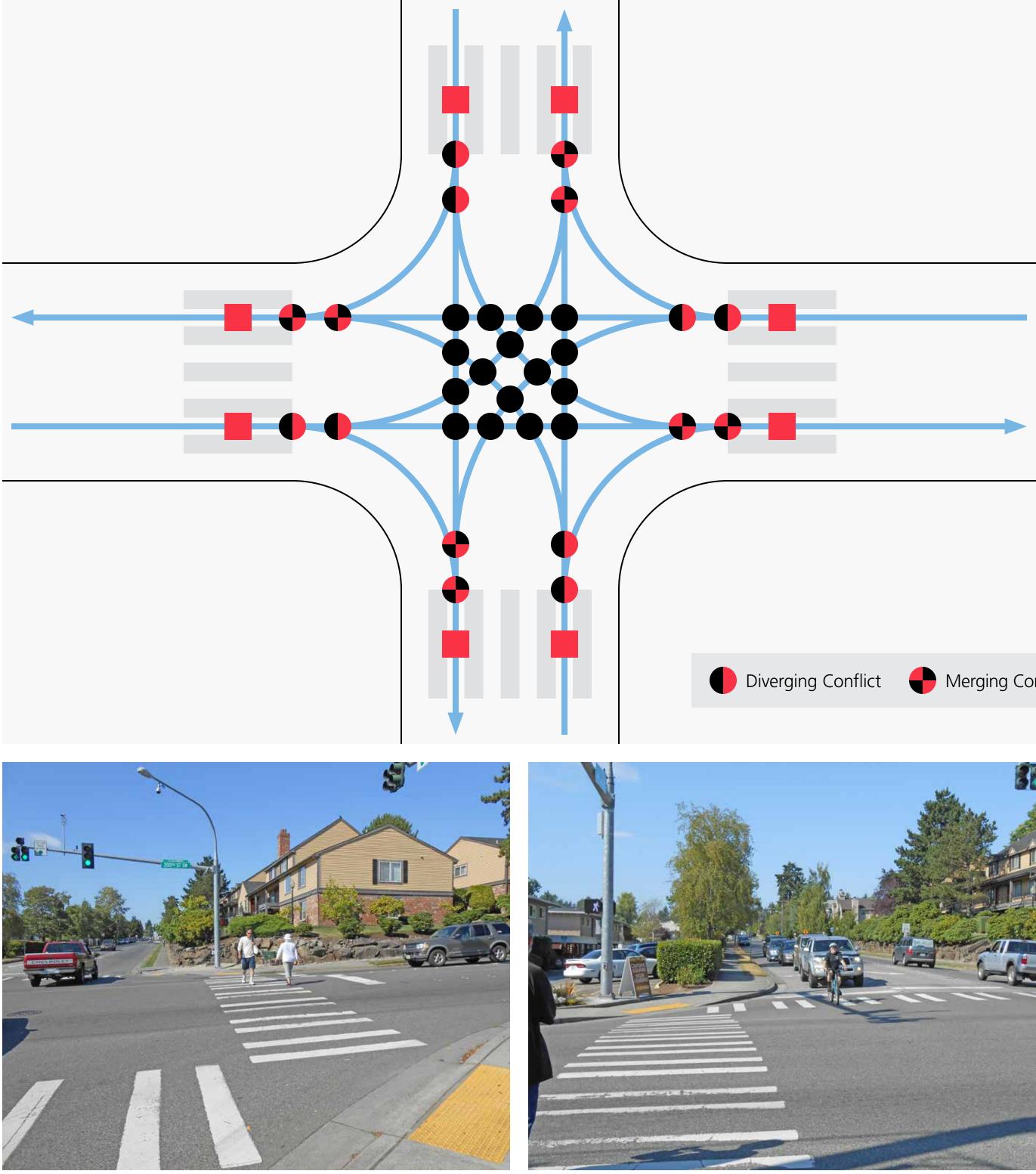




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Lake Hills Connector/Richards Road – Roundabout (2035)

Traffic Signal

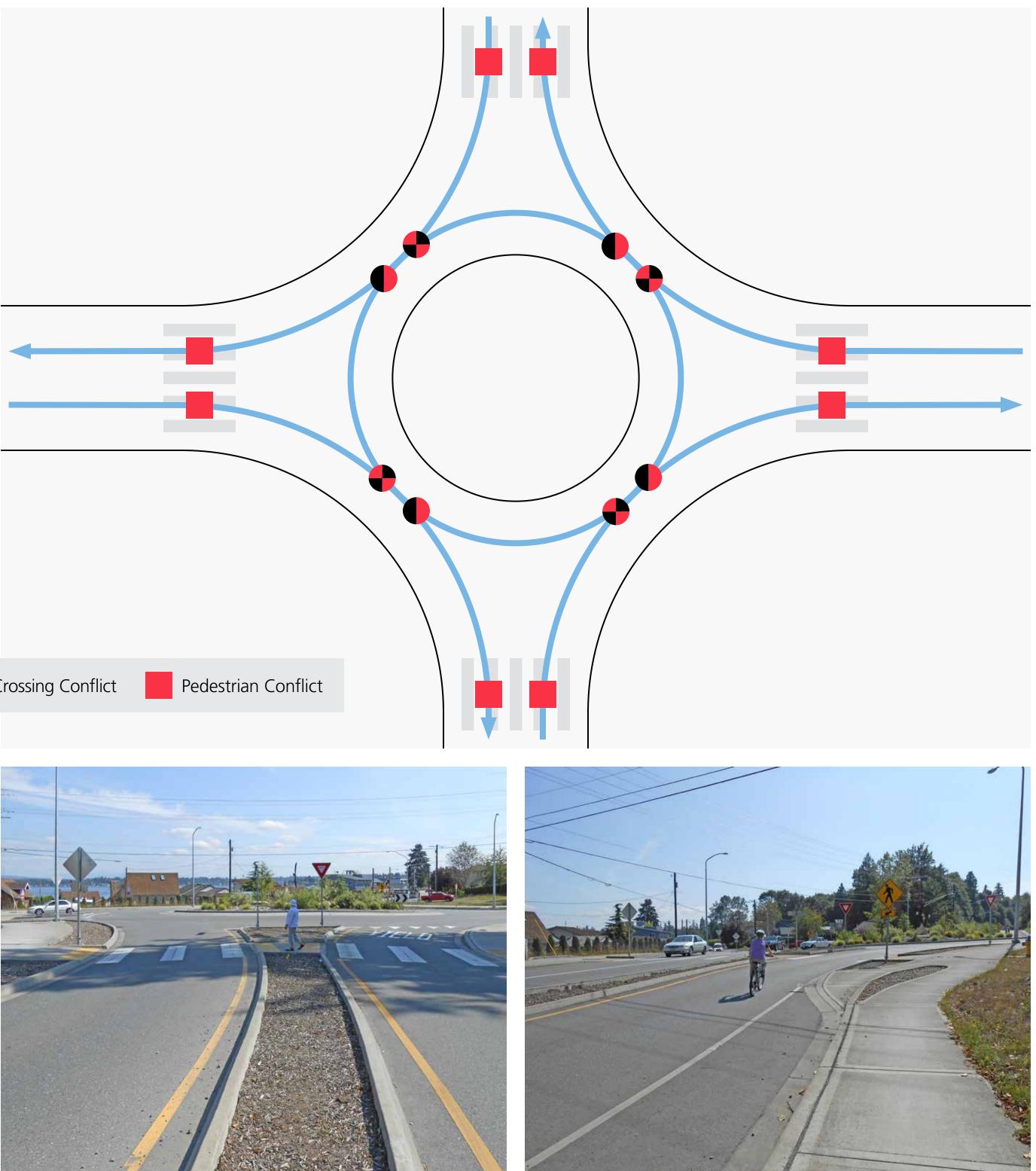








Roundabout Diverging Conflict Herging Conflict Crossing Conflict Pedestrian Conflict



Conflict Diagram & Pedestrians/Bicyclists Facilities – Signal vs. Roundabout **OPEN HOUSE** – Intersection Study on SE 8th Street & Lake Hills Connector – City of Bellevue