

Everything But The Kitchen Sink: King County Metro and SDOT's Improvements in Speed & Reliability On Route 8

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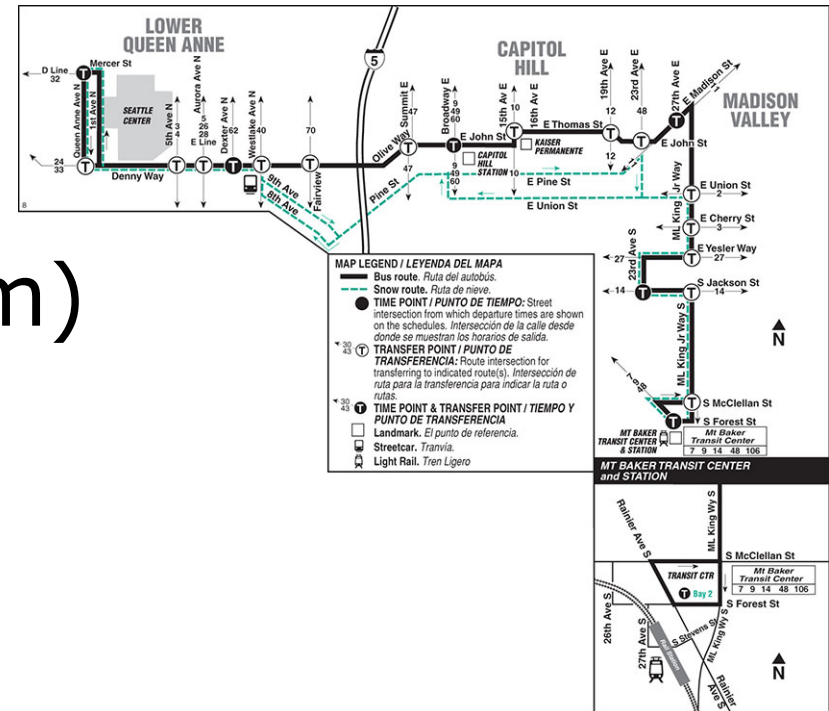
Seattle Department of Transportation

Overview

- Background
- Challenges
- Project Approach
- Improvements
- Conclusions & Lessons Learned

Background

- Ridership: 8,780 weekday riders
- Length: 7mi (11km)
- Frequency:
 - 10-min peak
 - 12 min off-peak
- One of Metro's least reliable routes



Background



Background

- Initiating the project
 - Speed & Reliability Program
 - Corridor prioritization process
 - King County / SDOT partnership
- Funding the project
 - FTA/CMAQ grant opportunity
 - US\$1.4M Grant awarded in 2014

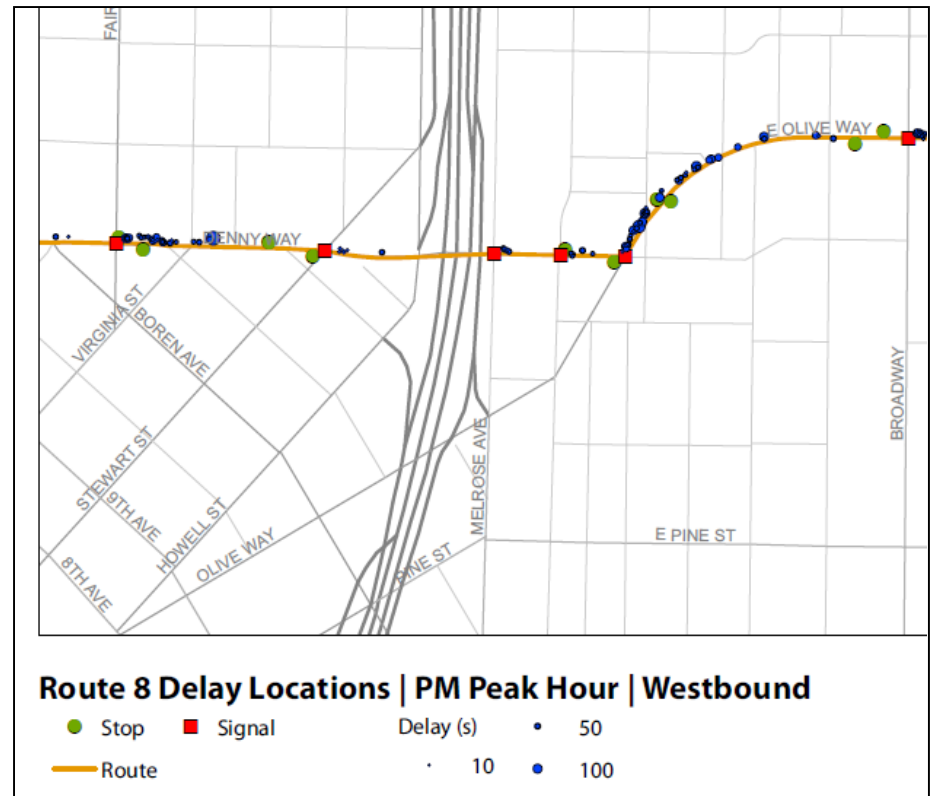
Challenges

- South Lake Union traffic / Amazon
- Denny Way cross-section
- I-5 freeway traffic



Project Approach

- Pre-design study
- Identification of potential improvements
- Assess impacts & benefits
 - Transit
 - Traffic



Project Approach

- Stakeholder Outreach
- Coordination with adjacent developments
- SDOT Decision Memo



Improvements will help make Route 8 more reliable

King County Metro Transit has received federal grants to fund improvements along Denny Way that will help make Route 8 more reliable. This busy, rapidly growing transit corridor scores high on both bus ridership and traffic congestion. Route 8 buses often run late as a result.

Metro recently divided Route 8 into two shorter routes, with the southern part splitting into a new route in March 2016. This change did help Route 8's reliability, but late buses are still a problem. The work will include changes to traffic signals, a new bus lane by the congested Yale Avenue on-ramp, parking restrictions, new expanded bus stops, and left-turn traffic restrictions (see diagram on back).

Contact

If you have questions about this project, please contact:
Annie Kolb-Nelson
Community Relations Planner
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206-477-5373

Metro will also use some of the grant funds to improve bus stop waiting areas by adding shelters, benches, and better lighting to stops along Denny Way, Olive Way, and across from the Capitol Hill Link station.

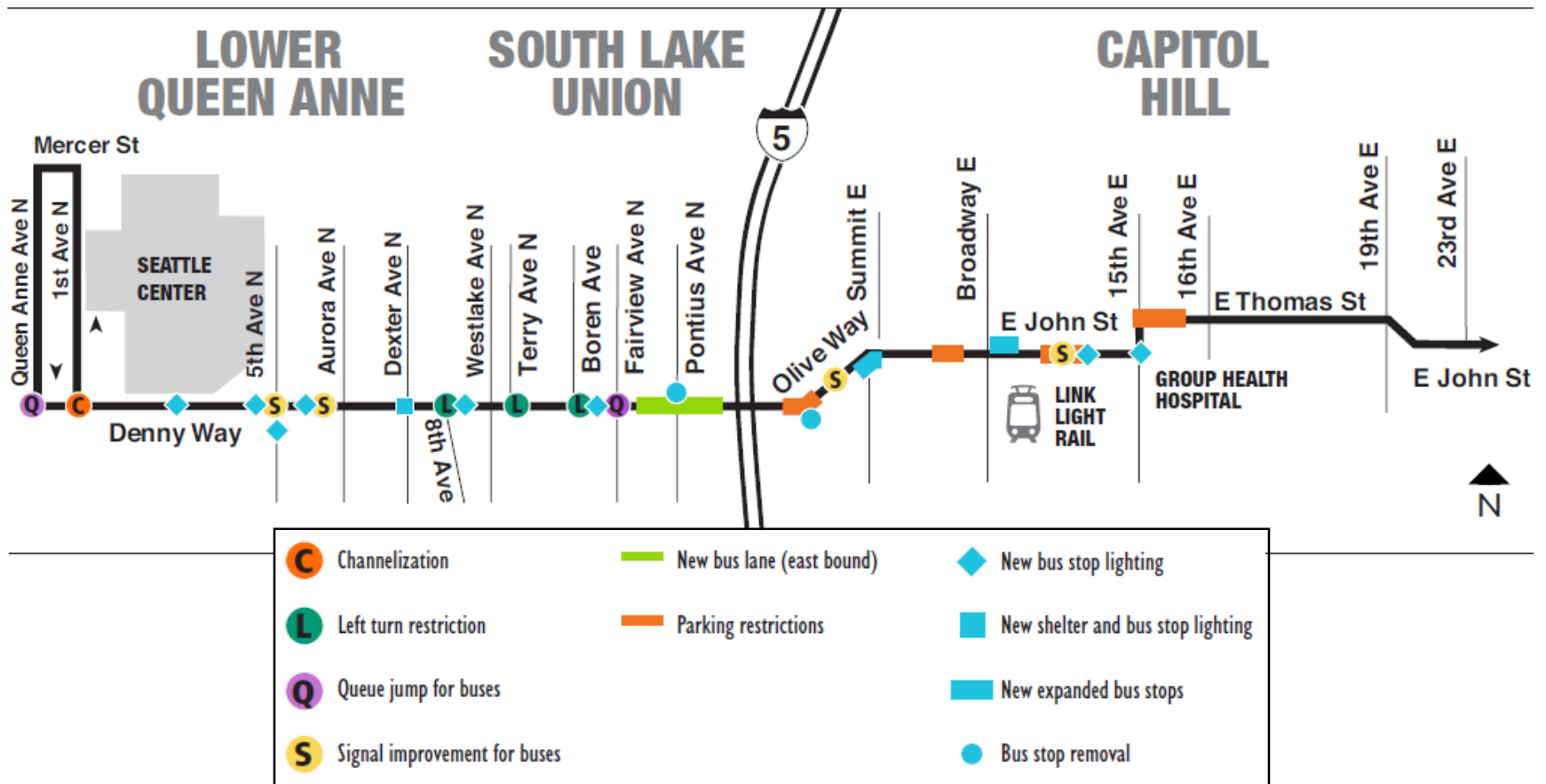
We've been planning these improvements in partnership with the Seattle Department of Transportation. We expect to finish project design early next year, and to make the improvements in phases through early 2018. Completion dates for specific improvements will depend on the type of work being done and whether we need to coordinate with other work in the area.

Para solicitar esta información en Español, sírvase llamar al 206-263-9988 o envíe un mensaje de correo electrónico a annie.kolb-nelson@kingcounty.gov.

如果要索取本資訊的中文，請致電 206-263-9784 或發電郵給 annie.kolb-nelson@kingcounty.gov.



Improvements



Improvements - Bus Lane

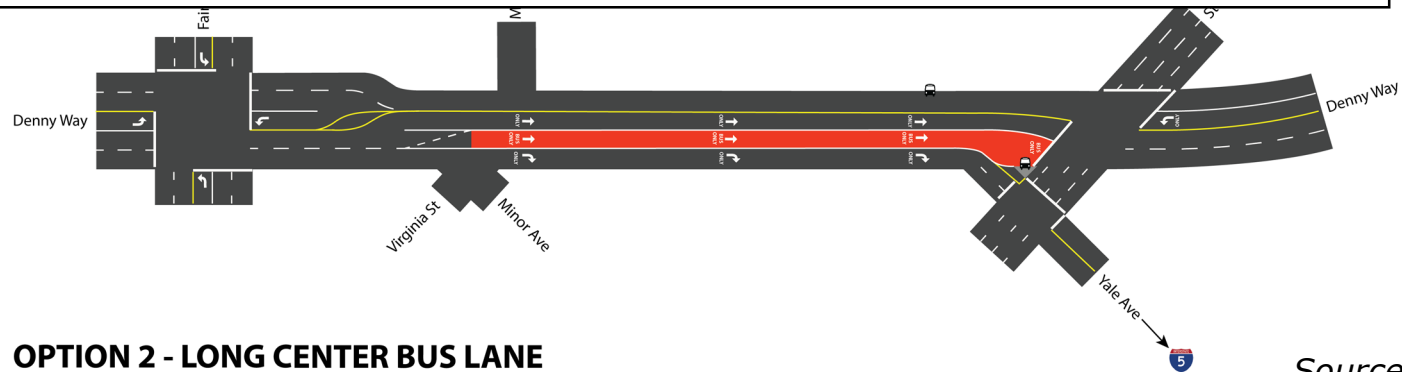
The Seattle Times

Local News | Northwest | Puget Sound | Traffic Lab

● Busy Denny Way will lose traffic lane ● for buses to speed up Route 8

Originally published December 14, 2016 at 6:00 am | Updated January 18, 2017 at 10:32 am

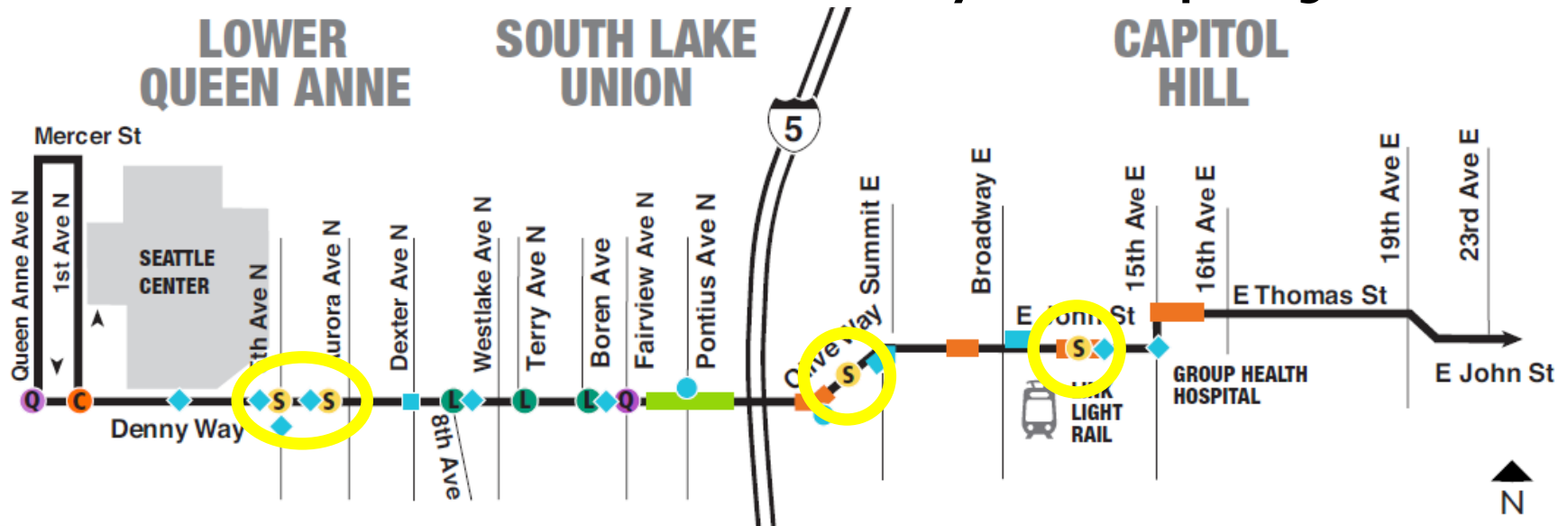
To unstick the Route 8 bus, and protect people walking, King County Metro and the city of Seattle will add a bus lane and restrict turns on



Source: The Urbanist

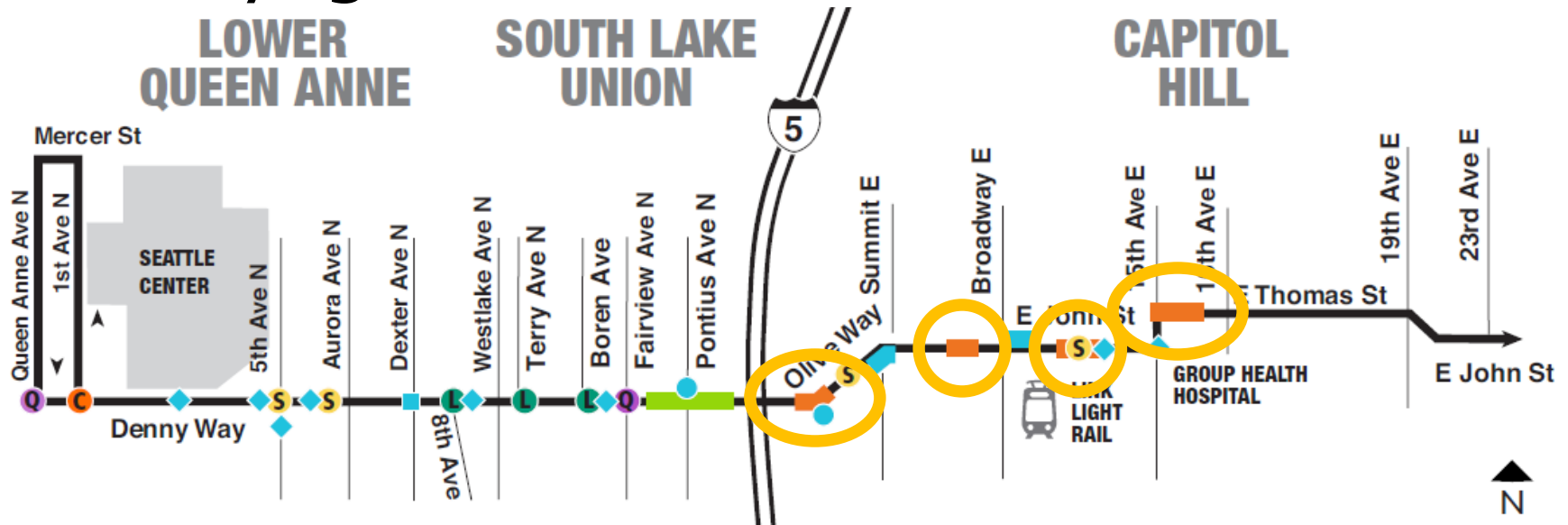
Improvements - Signals

- Signal phasing improvements
- Coordination with City ITS project

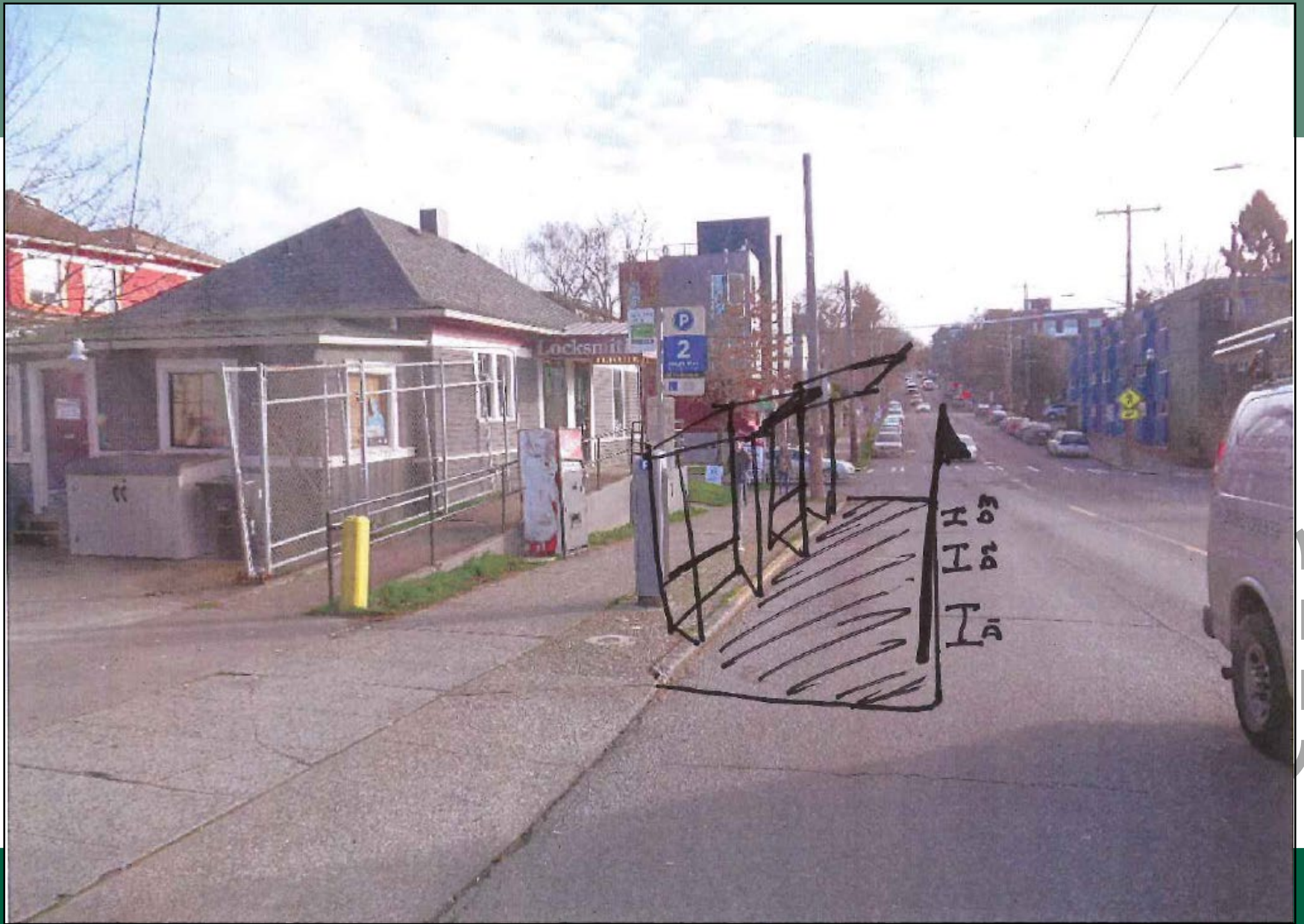


Improvements – Parking Restrictions

- Formalize two travel lanes
- Daylight intersections

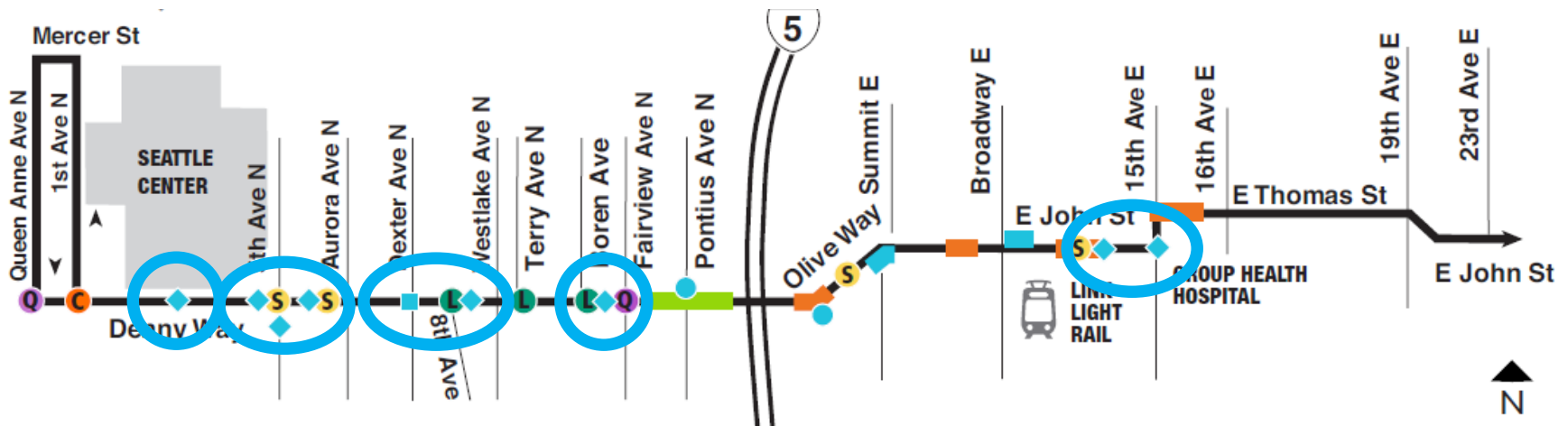






Improvements – Bus Stops

- Coordination with adjacent developments' frontage
- Solar lighting improvements



Conclusions & Lessons Learned

- Partnerships are key
- In a rapidly-developing corridor, timing is important
- Managing expectations
- Expected completion: end of 2018

Questions?

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