

Ladd/Harrison/Lincoln Neighborhood Greenway Enhancement Project

WE KEEP PORTLAND *MOVING.*



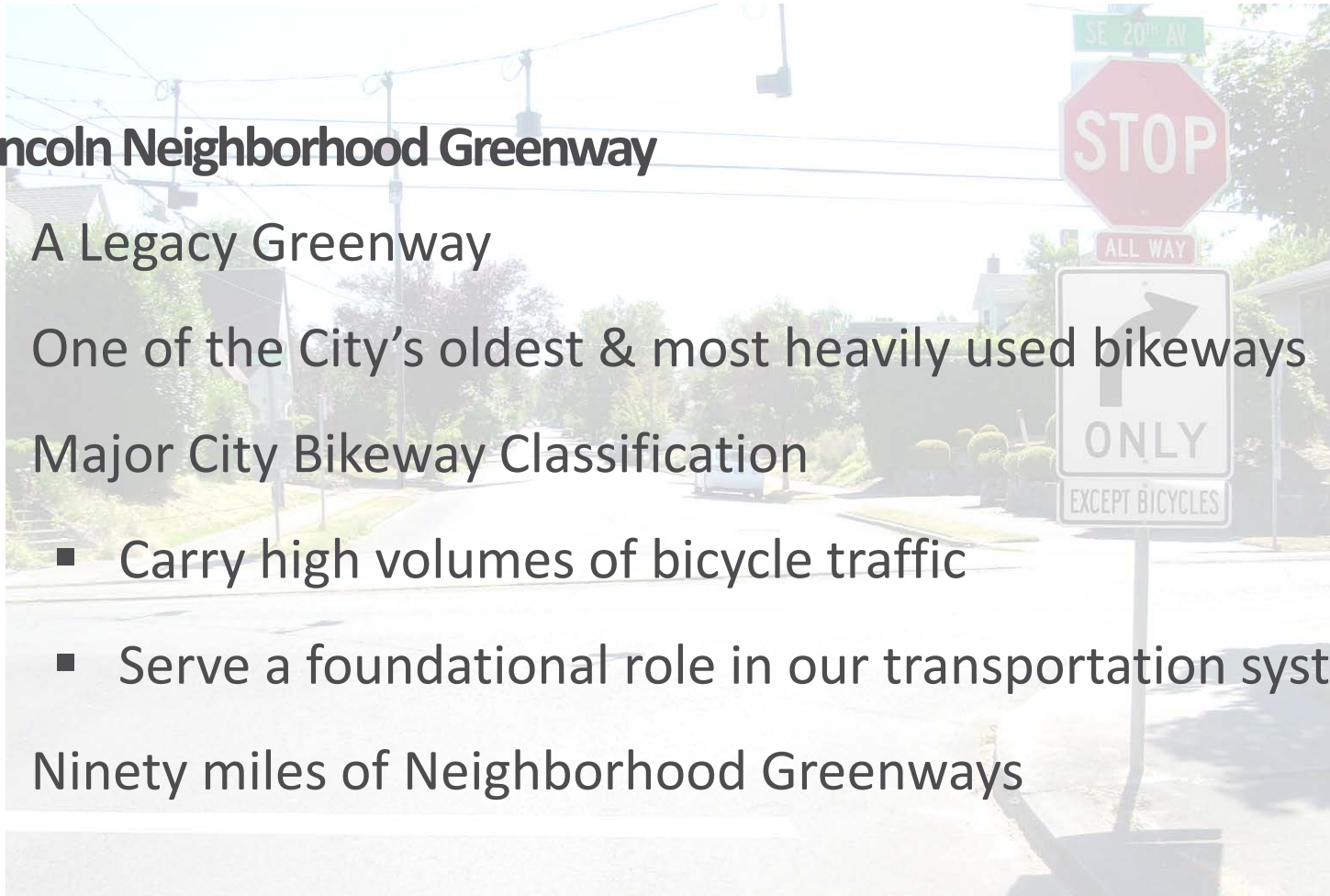
PBOT
PORTLAND BUREAU OF TRANSPORTATION

Lincoln Neighborhood Greenway Project

SE Clay to SE 60th

Lincoln Neighborhood Greenway

- A Legacy Greenway
- One of the City's oldest & most heavily used bikeways
- Major City Bikeway Classification
 - Carry high volumes of bicycle traffic
 - Serve a foundational role in our transportation system
- Ninety miles of Neighborhood Greenways

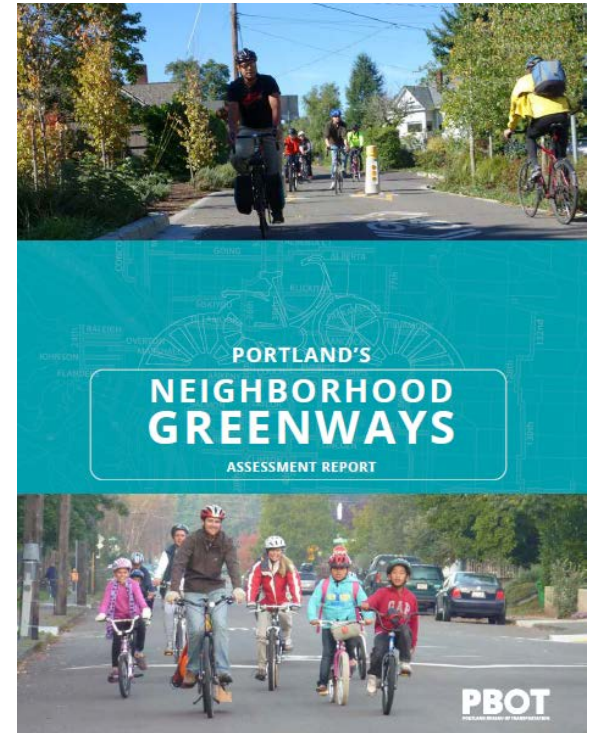


Lincoln Neighborhood Greenway Project

SE Clay to SE 60th

Neighborhood Greenways Assessment Report (2015)

- Recommends performance standards
 - Vehicle speeds of 20 mph
 - Vehicle volume target 1000 ADT
 - 1500 ADT acceptable
 - 2000 ADT maximum
- Examined existing conditions
- Identified deficiencies in system



Lincoln Neighborhood Greenway Project

SE Clay to SE 60th

Report Finding

Operational improvements are needed to meet speed and volume goals for vehicles.

Project Objectives

- Reduce high 85th percentile speeds
- Reduce cut-through car traffic
- Create a low stress environment for people walking & biking

Lincoln Neighborhood Greenway Project

SE Clay to SE 60th




Existing Corridor Conditions

- 1445 bicycles per day (SE Ladd)
- Speeds 25-28 mph (85th%)
- Sections exceeding car volumes of 2000 ADT
 - SE Ladd between SE Clay & SE Ladd Circle
 - SE Harrison between SE 26th & SE 30th
 - SE Lincoln between SE 50th & SE 60th
- Pedestrian crossing at SE Clay not compliant
- Cyclist crossings at SE 50th & SE 60th difficult







SE Ladd/Harrison/Lincoln, Clay to 37th Neighborhood Greenway - Weekday Car Speeds

*85th Percentile Speed (15% of traffic is going faster than this number)

-  Existing Speed Bump
-  2030 Greenway
-  Other Bikeway



- Goal  17-23 mph; 10% Risk
-  23-27 mph; 30% Risk
-  27-29 mph; 60% Risk
-  30+ mph; >75% Risk

SE Lincoln, 37th to 64th Neighborhood Greenway - Weekday Car Speeds

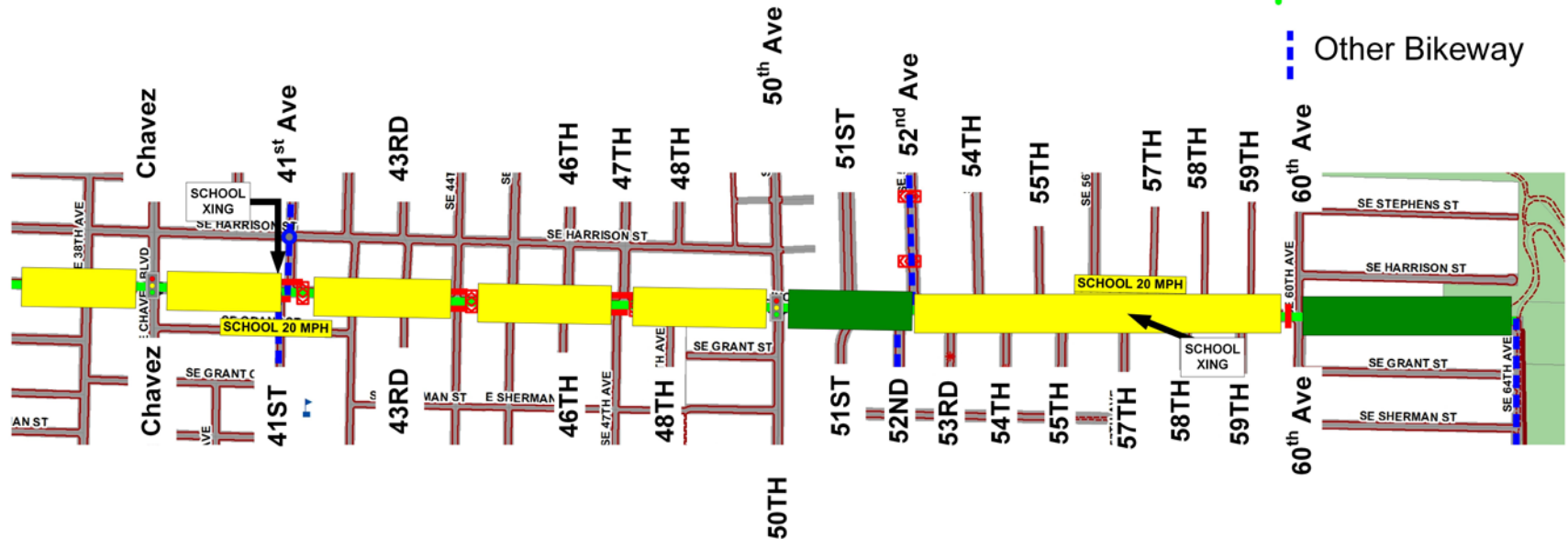
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Existing Speed Bump

2030 Greenway

Other Bikeway



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 - 30+ mph; >75% Risk

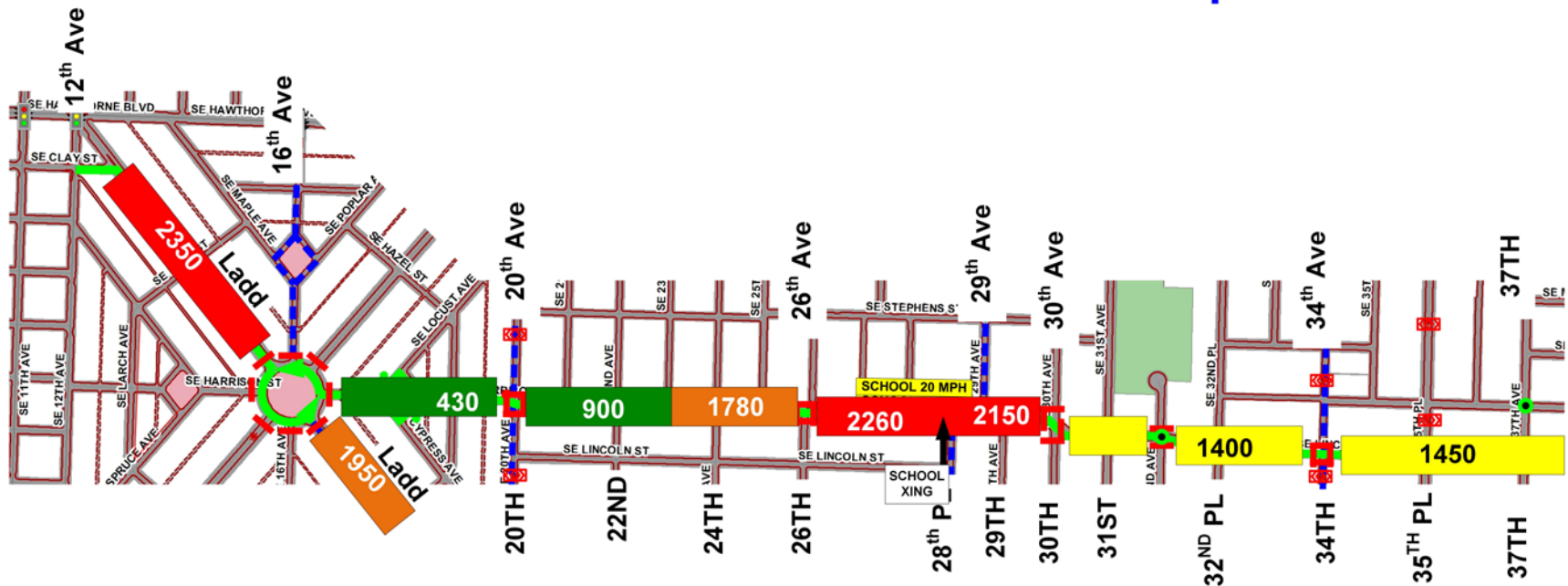
SE Ladd/Harrison/Lincoln, Clay to 37th Neighborhood Greenway - Weekday Car Volumes


 Existing Speed Bump

760 24-hour Total


 2030 Greenway

 Other Bikeway




Goal  <1,000 vehicles per day

Acceptable  1,000-1,500 vpd

Mitigate  1,500-2,000 vpd

Safety Concern  >2,000 vpd

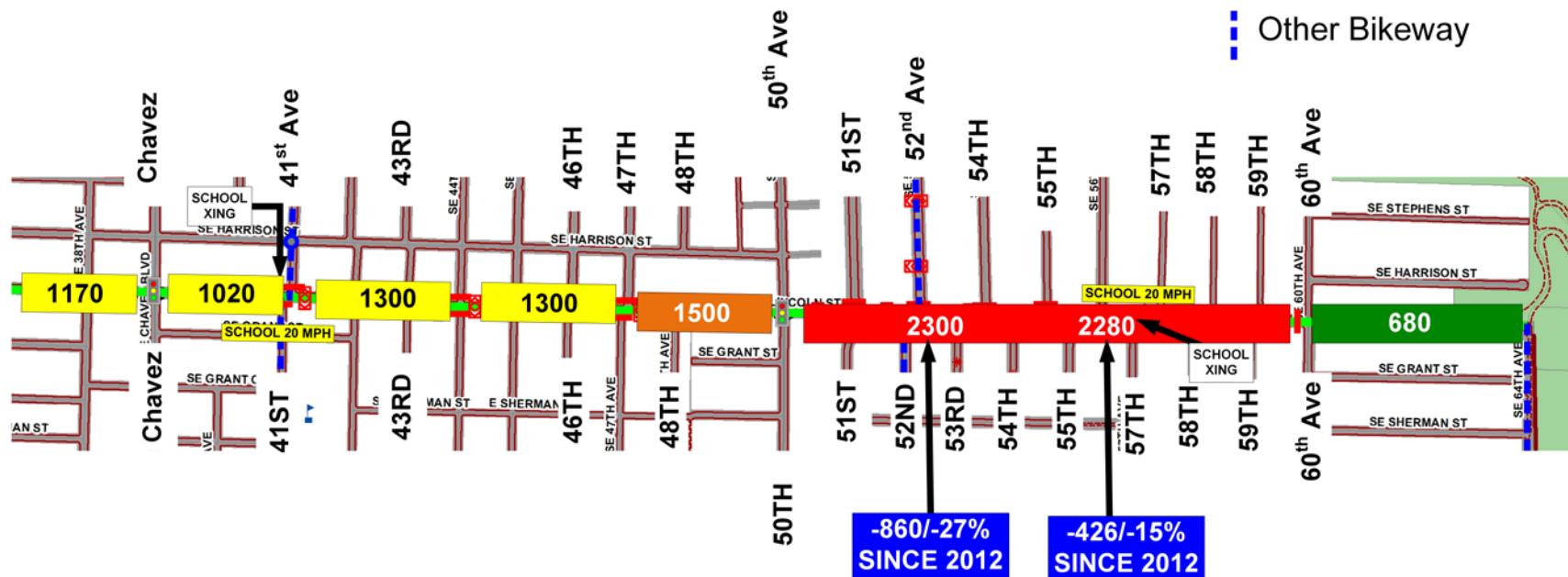
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Proposed Project Elements

- 31 new speedbumps (14' wide)
- 4 speed cushions (emergency response route 26th – 30th)
- Improved pedestrian crossing on SE Ladd at SE Clay
- Modification to diverter on SE Harrison at SE 20th
- Westbound diversion on SE Harrison at SE 26th
- Improved school crossing on SE Harrison at SE 28th PI
- Eastbound diversion on SE Harrison/Lincoln at SE 30th
- Island semi-diverters on SE Lincoln at SE 50th
- Cyclist push buttons at RRFB on SE Lincoln at 60th
- Miscellaneous pedestrian & bike signs/markings

SE Ladd/Harrison/Lincoln, Clay to 37th Neighborhood Greenway - Projects

Greenway

Project Site

Other Bikeway

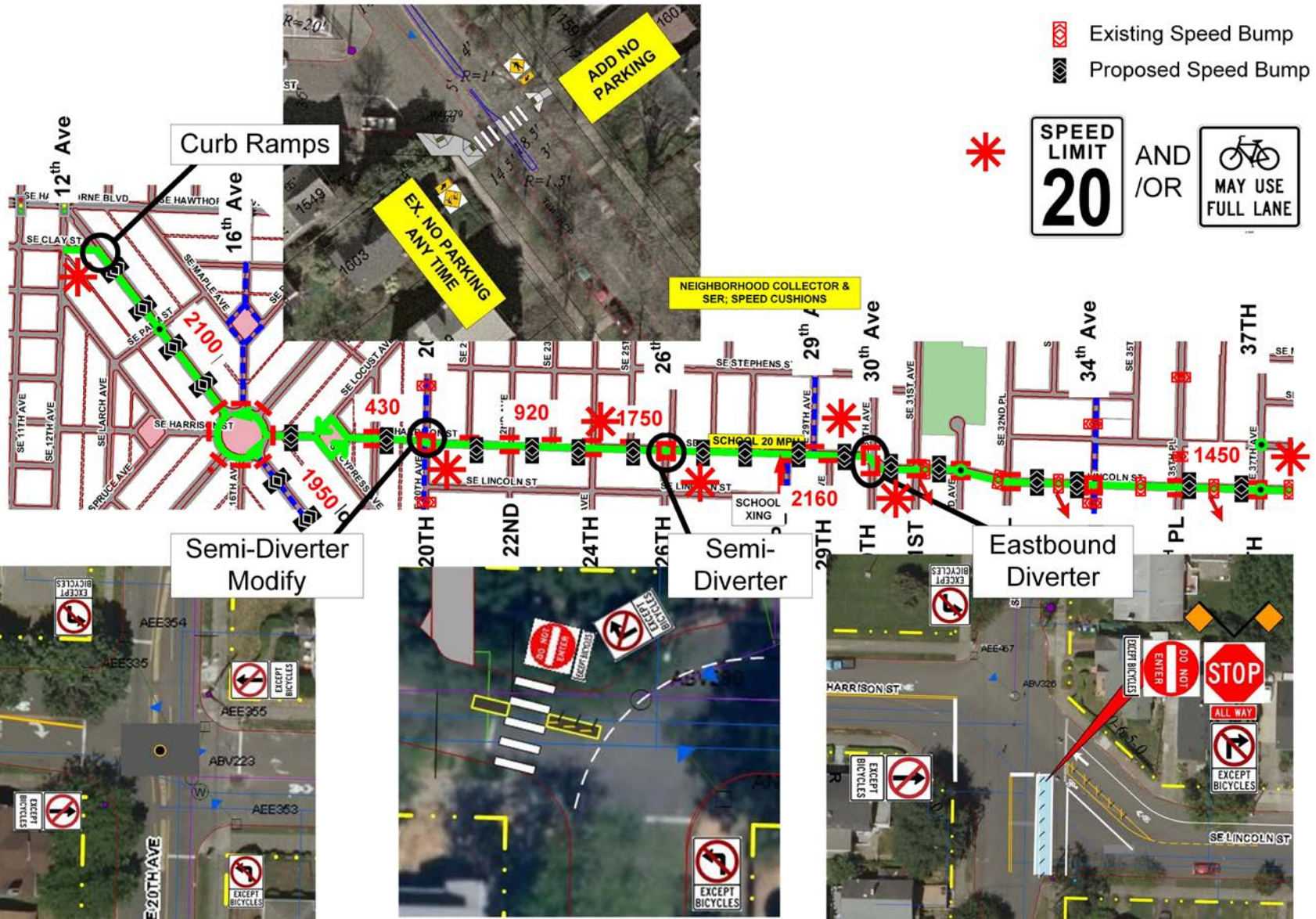
Auto Trips

Existing Speed Bump
Proposed Speed Bump



SPEED
LIMIT
20

AND
/OR



Lincoln Neighborhood Greenway Project

SE Clay to SE 60th

Process/Timeline

- Neighborhood Association meetings:
 - Hosford-Abernethy (7.18)
 - Mt Tabor (7.19)
 - Richmond (8.14)
- Notification letters, social media
- Project website
 - On-line survey
 - Project updates



Lincoln Neighborhood Greenway Project

SE Clay to SE 60th

Process/Timeline

- Public open houses in late October
- Construction – Spring 2018
- Post Project Evaluation
 - Survey users' perceptions
 - Speed data
 - Volume data
 - Volume adjacent & within 3 blocks of diverters



Lincoln Neighborhood Greenway Project

SE Clay to SE 60th

SE Ladd between SE Clay & Ladd Circle

- Volumes 2000+ ADT
- Bus route
- Business access
- Soft diversion
- Suggestions?

Questions/comments?

