

NORTHWEST IN MOTION

Community Advisory Group

Meeting #4

January 14, 2019

WE KEEP PORTLAND MOVING.



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Welcome!

What do you think makes Northwest Portland unique/
special?



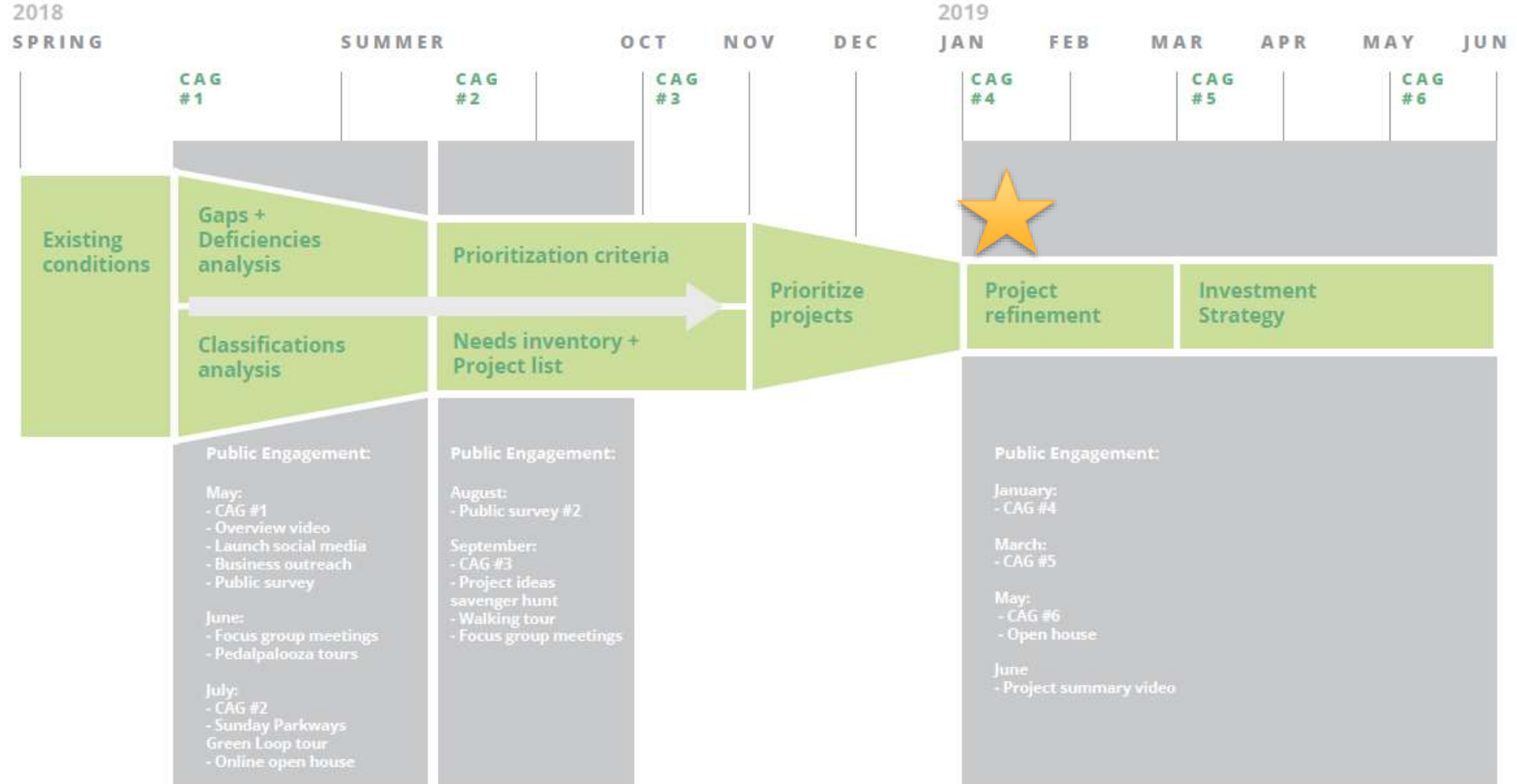
Tonight's Agenda

- 5:30 Welcome, Introductions
- 5:40 Project and Public Involvement Update
- 6:00 Public Comment
- 6:10 What will work best in NW?
- 7:20 Wrap Up and Next Steps



Process and Timeline

v. 15 Oct 2018



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Public Involvement Update

Fall Public Engagement

Purpose

- Share initial list of 20 projects
- Gather feedback on what should be prioritized moving forward
- Provide update on street classifications and proposed classification changes

NW Transportation Open House

November 15

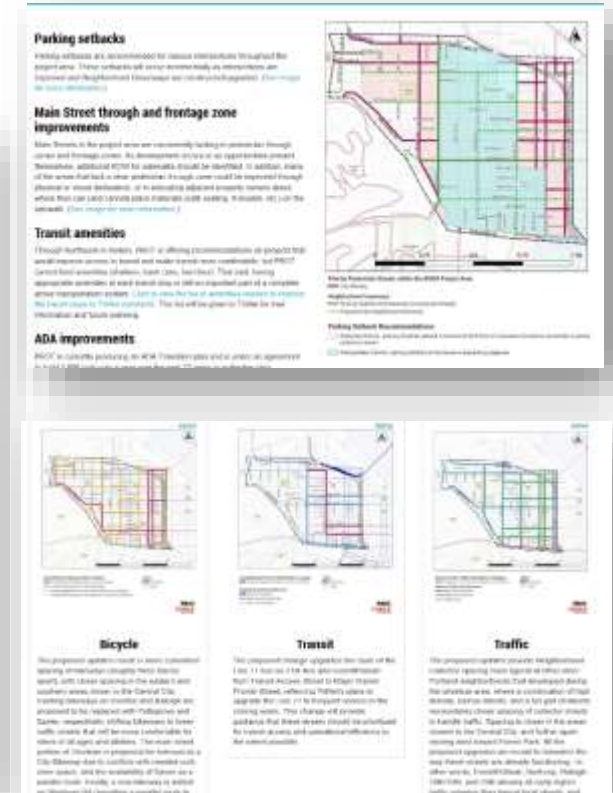
97 participants (17 comment forms)



Online Open House

November 15 – December 14

502 participants (57 commenters)



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Public Involvement Update

Street Classifications Feedback

- Overall support for classification updates, with some concerns:
 - Worry about neighborhood collector changes, especially 25th
 - Pedestrian Safety issues
 - Paving for Greenways
 - Do not increase congestion
 - Do not make any changes



Public Involvement Update

Project Feedback

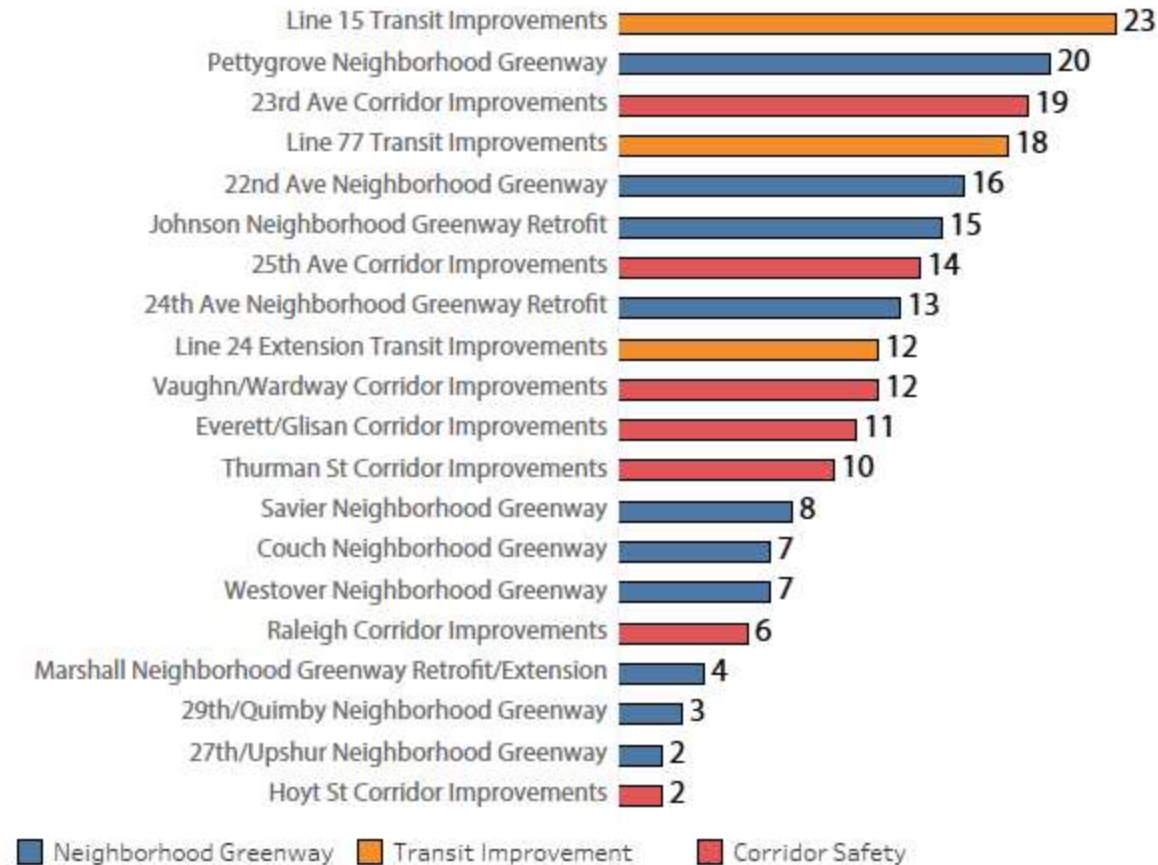
- Overall support for listed projects, with some concerns:
 - Collector portion of Westover also needs traffic calming and crossings
 - Speeds are high on Thurman near the Thurman Bridge
 - Concern about protected left from Vaughn to 25th
 - Concern about making Raleigh more auto-oriented
 - Skepticism about bikeways on 29th and on Westover due to steep slopes
 - Mixed feelings about traffic circles



What we heard...

Projects that Best Address Criteria

Number of times each project was chosen



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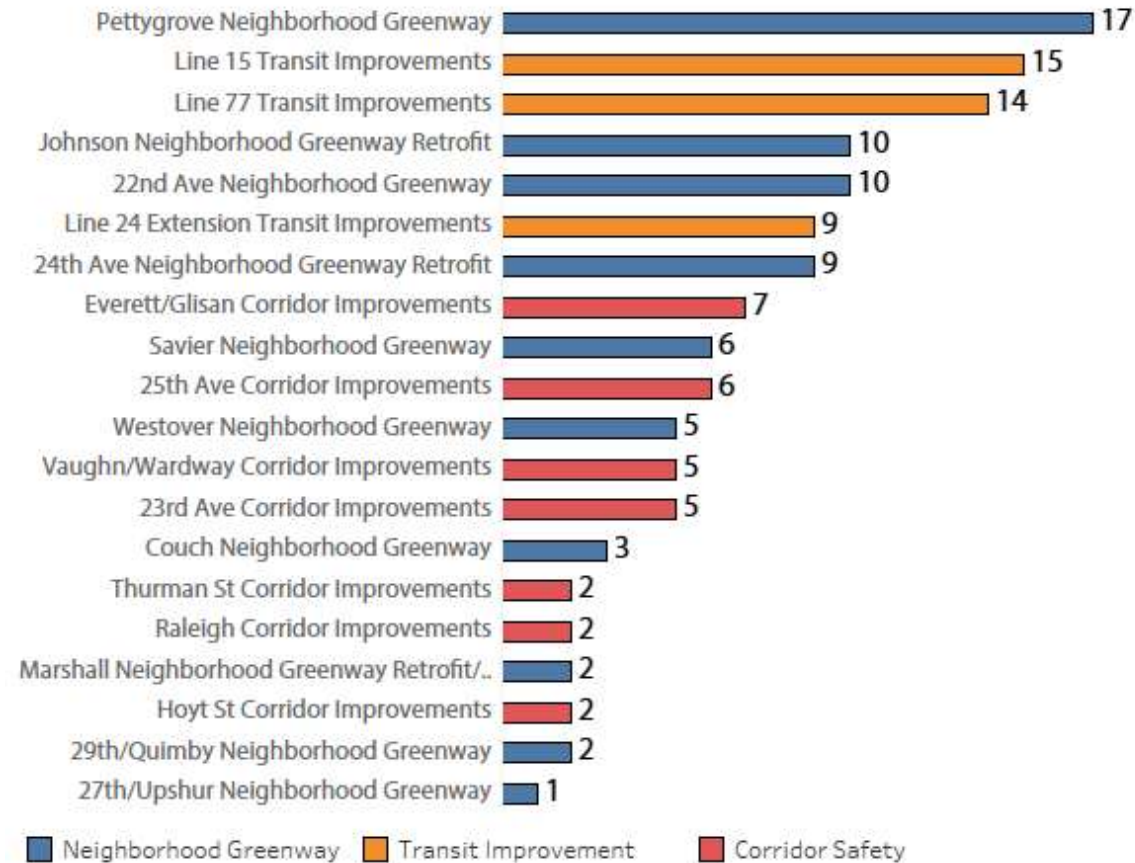


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What we heard...

Improves Connectivity

Number of times each project was chosen because it "Improves Connectivity"



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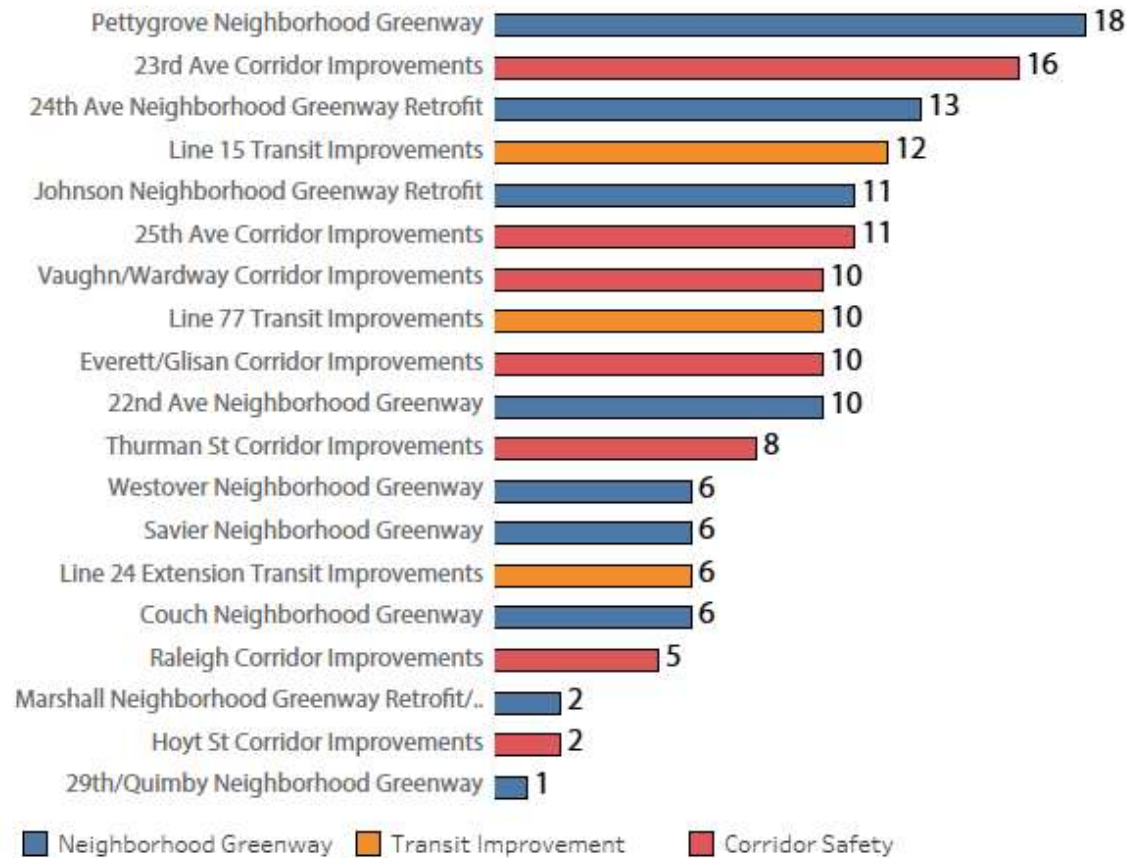


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What we heard...

Improves Safety

Number of times each project was chosen because it "Improves Safety"



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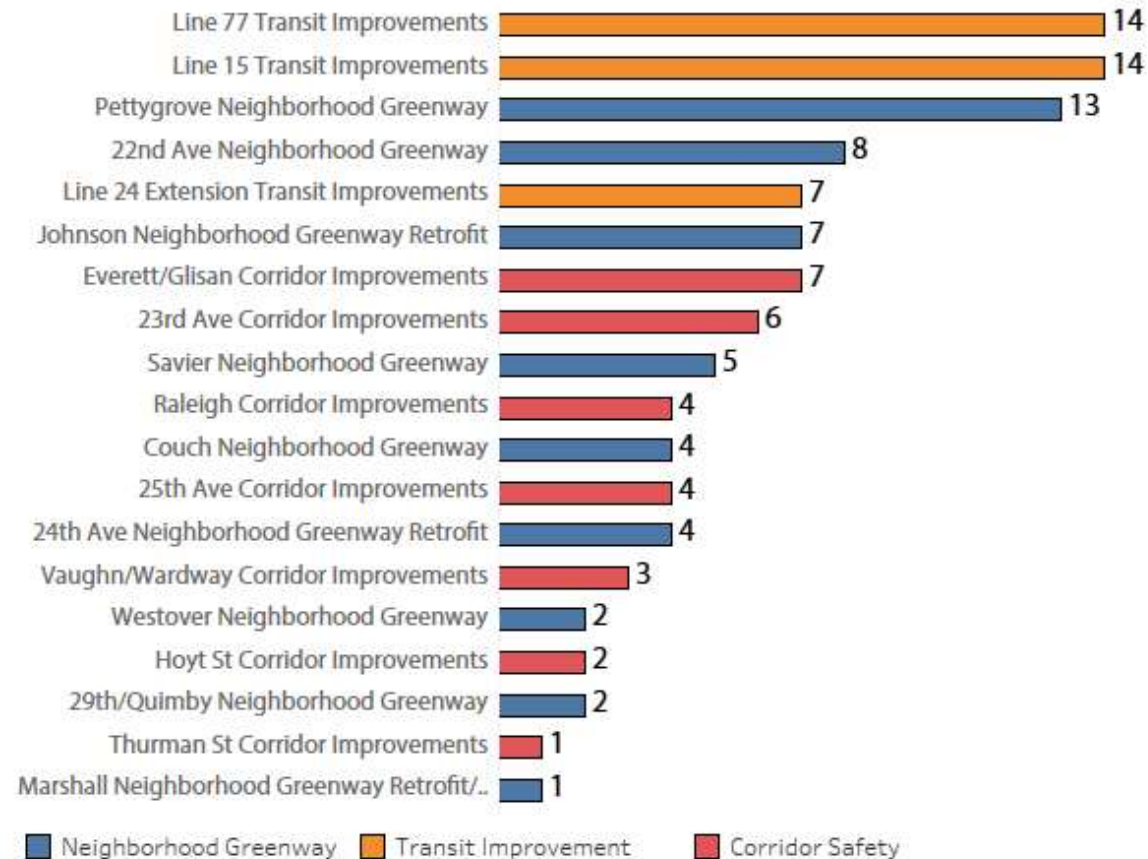


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What we heard...

Improves Equity

Number of times each project was chosen because it "Improves Equity"



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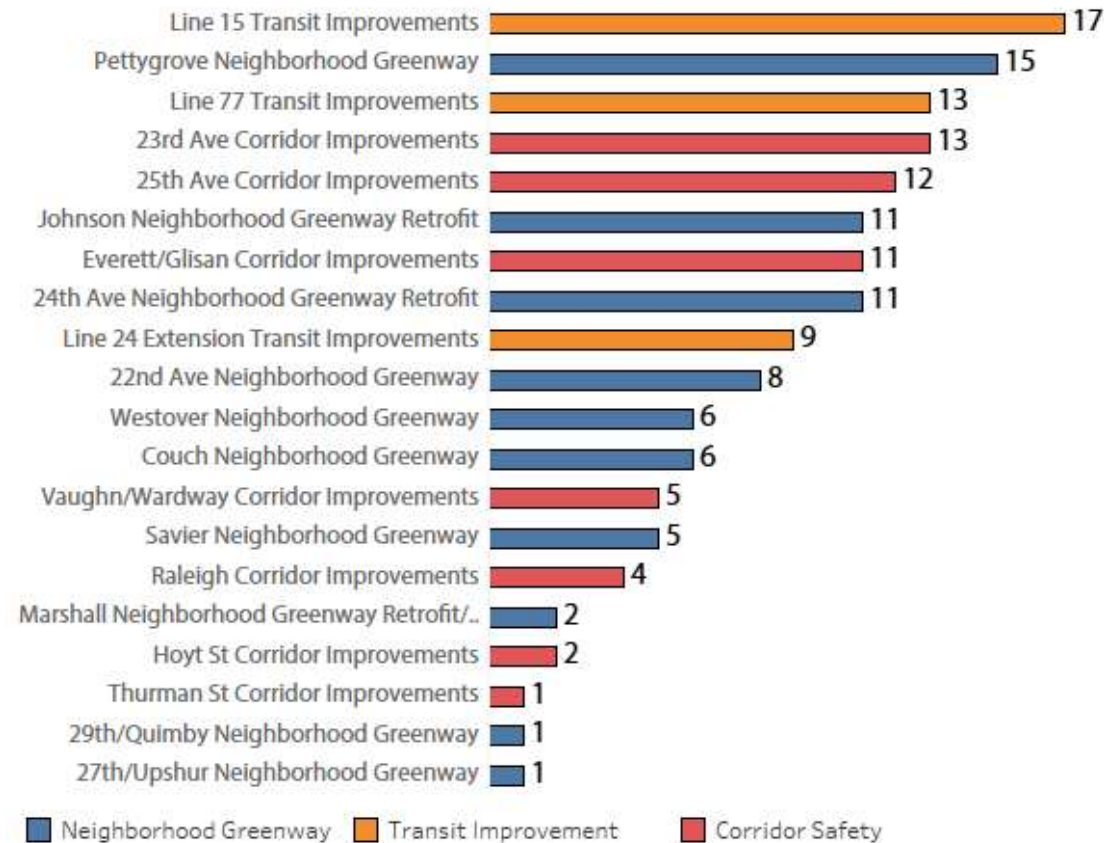


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What we heard...

Meets Demand

Number of times each project was chosen because it "Meets Demand"



How did we prioritize projects?

Step 1. How do projects line up with the evaluation criteria?

- Equity
- Safety
- Demand
- Connectivity

Step 2. Is building the project realistic in the next five years?

- Cost/benefit
- Feasibility
- Political feasibility
- Public support

Step 3. What does the public think about the project(s)?

- Online open houses
- CAG meetings

Step 4. Assign priority tiers

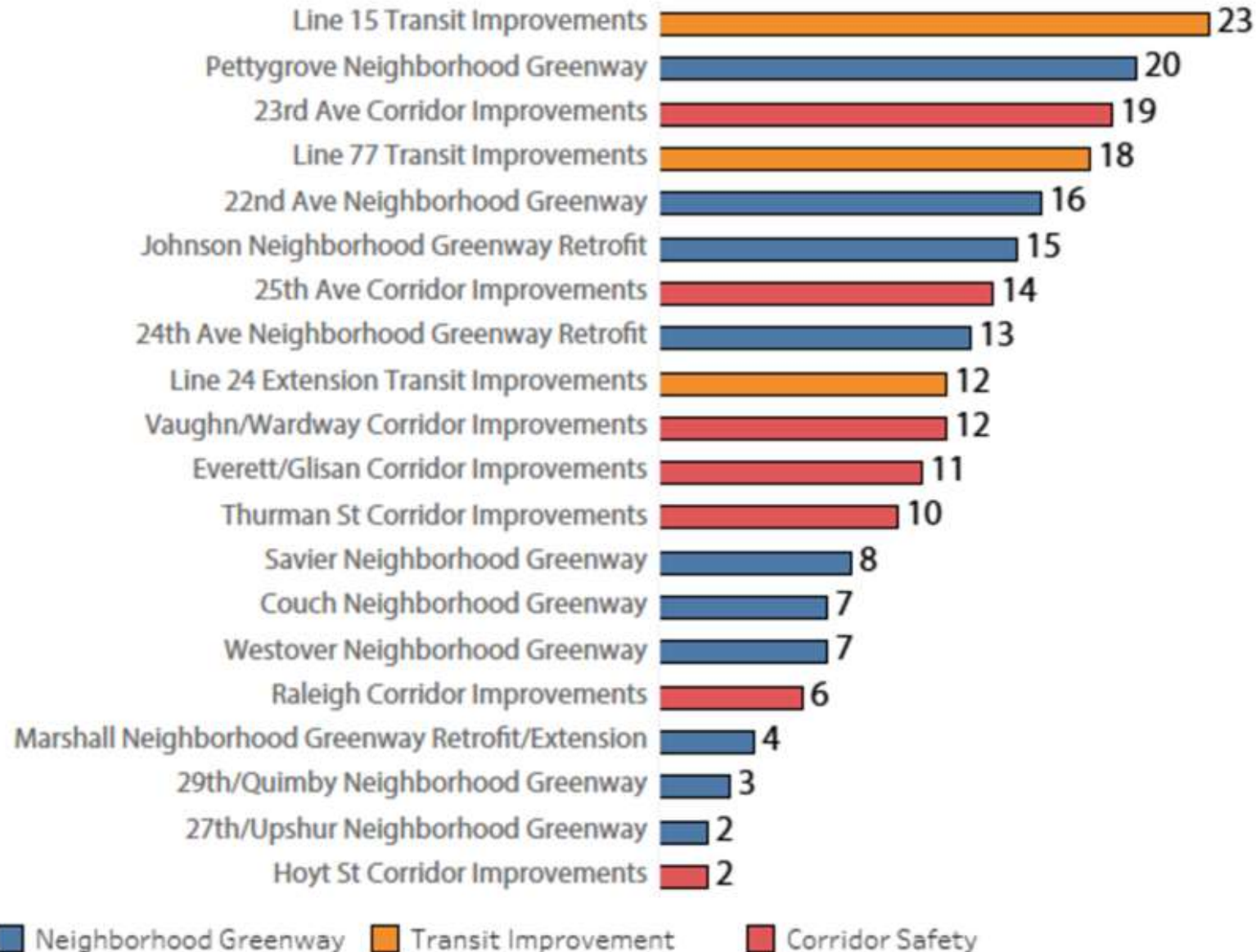
- High
- Medium
- Low



Project ID	Project Name	Equity	Safety	Demand	Connectivity
CS-1	Vaughn/Wardway Corridor Improvements	●	●	●	●
CS-2	Thurman St Corridor Improvements	●	●	●	●
CS-3	25th/Westover Corridor Improvements	●	●	●	●
CS-4	23rd Ave Corridor Improvements	●	●	●	●
CS-5	Raleigh Corridor Improvements	●	●	●	●
CS-6	Hoyt St Corridor Improvements	●	●	●	●
CS-7	Everett/Glisan Corridor Improvements	●	●	●	●
NG-1	29th/Quimby Neighborhood Greenway	●	●	●	●
NG-2	27th/Upshur Neighborhood Greenway	●	●	●	●
NG-3	24th Ave Neighborhood Greenway Retrofit	●	●	●	●
NG-4	22nd Ave Neighborhood Greenway	●	●	●	●
NG-5	Savier Neighborhood Greenway	●	●	●	●
NG-6	Pettygrove/Overton Neighborhood Greenway	●	●	●	●
NG-7	Marshall Neighborhood Greenway Retrofit/Extension	●	●	●	●
NG-8	Westover Neighborhood Greenway	●	●	●	●
NG-9	Johnson Neighborhood Greenway Retrofit	●	●	●	●
NG-10	Couch Neighborhood Greenway	●	●	●	●
TI-1	Line 77 Transit Improvements	●	●	●	●
TI-2	Line 24 Extension Transit Improvements	●	●	●	●
TI-3	Line 15 Transit Improvements	●	●	●	●

Project ID	Project Name	Equity	Safety	Demand	Connectivity	Near-term Feasibility
CS-1	Vaughn/Wardway Corridor Improvements	●	●	●	●	●
CS-2	Thurman St Corridor Improvements	●	●	●	●	●
CS-3	25th/Westover Corridor Improvements	●	●	●	●	●
CS-4	23rd Ave Corridor Improvements	●	●	●	●	●
CS-5	Raleigh Corridor Improvements	●	●	●	●	●
CS-6	Hoyt St Corridor Improvements	●	●	●	●	●
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NG-10	Couch Neighborhood Greenway	●	●	●	●	●
TI-1	Line 77 Transit Improvements	●	●	●	●	●
TI-2	Line 24 Extension Transit Improvements	●	●	●	●	●
TI-3	Line 15 Transit Improvements	●	●	●	●	●

Top Projects – Online and In-person Open House Results



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NG-10	Couch Neighborhood Greenway	●	●	●	●	●
NG-1	29th/Quimby Neighborhood Greenway	●	●	●	●	●
NG-2	27th/Upshur Neighborhood Greenway	●	●	●	●	●
NG-8	Westover Neighborhood Greenway	●	●	●	●	●

Criteria Ranking

High



Medium



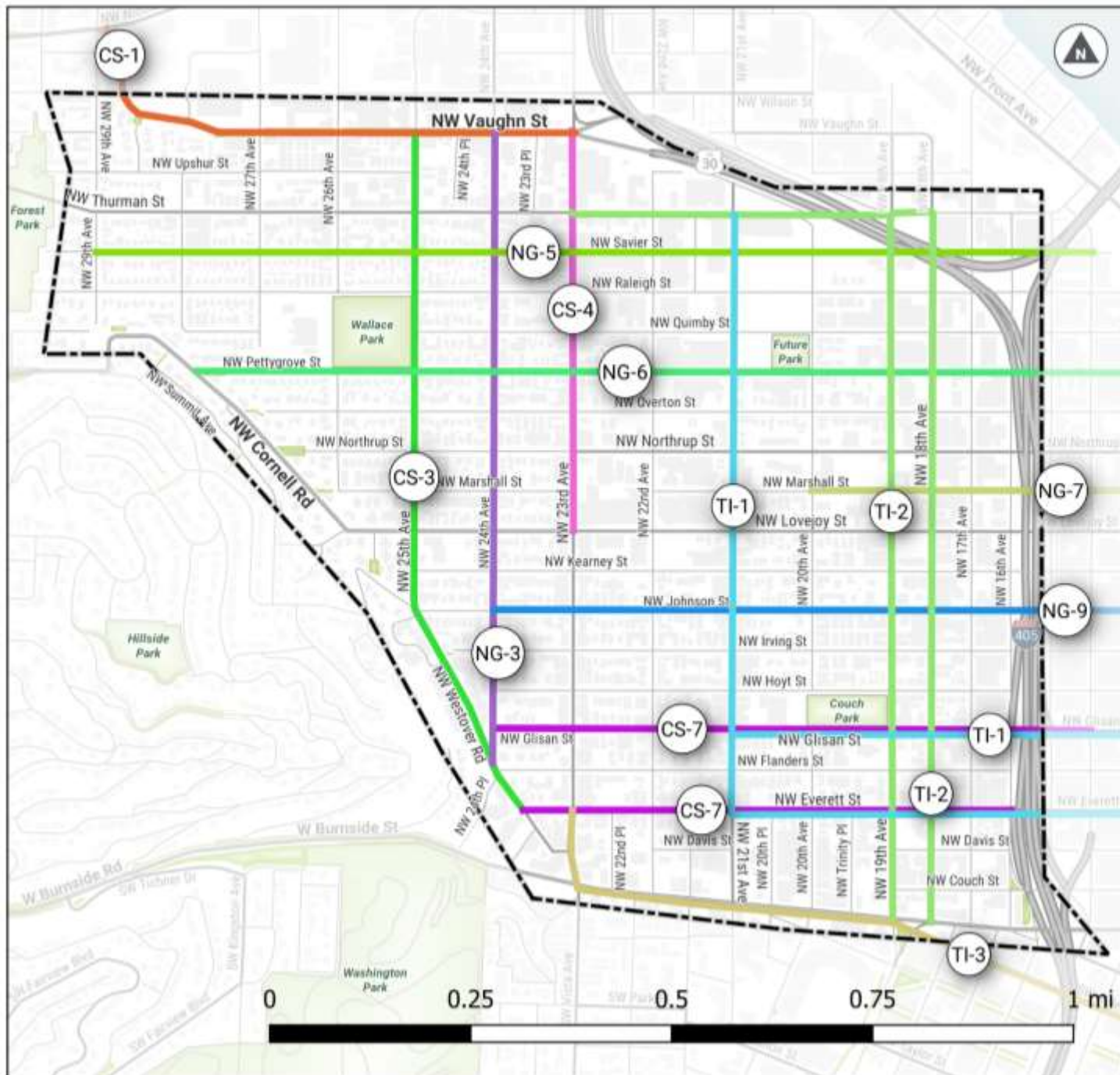
Low



Tier 1 Projects: High priority. Target for project development in near-term and try to secure funding within 5 years.

Tier 2 Projects: Medium priority. Target for project development and funding once progress is made on Tier 1 projects. Implement in near-term if opportunities arise through redevelopment or other projects.

Tier 3 Projects: Low priority. Add to Transportation System Plan but do not pursue near-term project development or funding. Could implement some elements opportunistically if cost to the City is low.



Tier1 Projects

- CS-1: Vaughn/Wardway Corridor Improvements
- CS-3: 25th Ave/Westover Corridor Improvements
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Public Comment



Do you have anything to
share with the group?

Neighborhood Greenway diverter types

- **Diagonal diverters**
- Median diverters
- Half-diverters
- Full diverters



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Neighborhood Greenway traffic calming strategies

1. Focus traffic calming on neighborhood greenway. Monitor parallel streets and mitigate if necessary.

Clinton Neighborhood Greenway Enhancement Project FINAL REPORT



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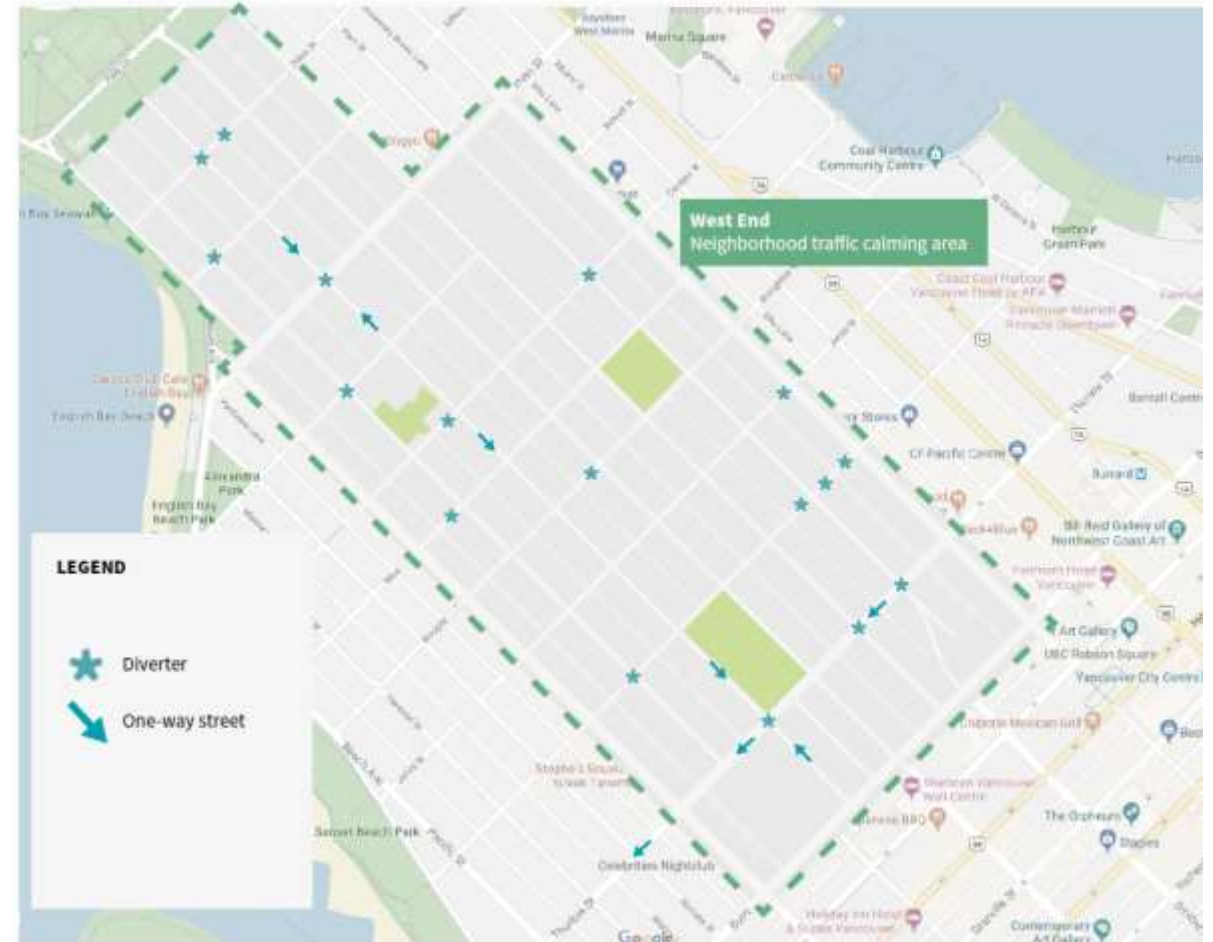
Neighborhood Greenway traffic calming strategies

1. Focus traffic calming on neighborhood greenway. Monitor parallel streets and mitigate if necessary.

- Pros
 - Less expensive
 - Less disruptive to residents
 - Lower traffic impact
- Cons
 - “Whack-a-mole” issue
 - Difficult to reserve funding for potential mitigation
 - More neighborhood conflict

Neighborhood Greenway traffic calming strategies

1. Focus traffic calming on neighborhood greenway. Monitor parallel streets and mitigate if necessary.
2. **Install traffic calming on the neighborhood greenway and parallel streets at the same time.**



Neighborhood Greenway traffic calming strategies

1. Focus traffic calming on neighborhood greenway. Monitor parallel streets and mitigate if necessary.
 2. **Install traffic calming on the neighborhood greenway and parallel streets at the same time.**
- Pros
 - Prevents issues before they start
 - Less neighborhood conflict
 - Reinforces local street function
 - Cons
 - More expensive overall
 - More disruption to residents
 - More traffic impacts
 - May not be necessary

Pedestrian Crossing types

- **Full Traffic Signal**
- Ped Hybrid Beacons
- Rapid Flashing Beacons
- Median Islands
- Curb Extensions



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Pedestrian Crossing strategies

1. **Install traffic signals where warranted, especially on couplets and intersections of collector streets.**



Pedestrian Crossing strategies

1. **Install traffic signals where warranted, especially on couplets and intersections of collector streets.**
 - Pros
 - Better traffic flow and speed control, especially on couplets
 - Easy and intuitive for pedestrians with fixed-time operation
 - Cons
 - Much more expensive
 - Pedestrian safety concerns with permissive turns at signals
 - May draw traffic to side streets

Pedestrian Crossing strategies

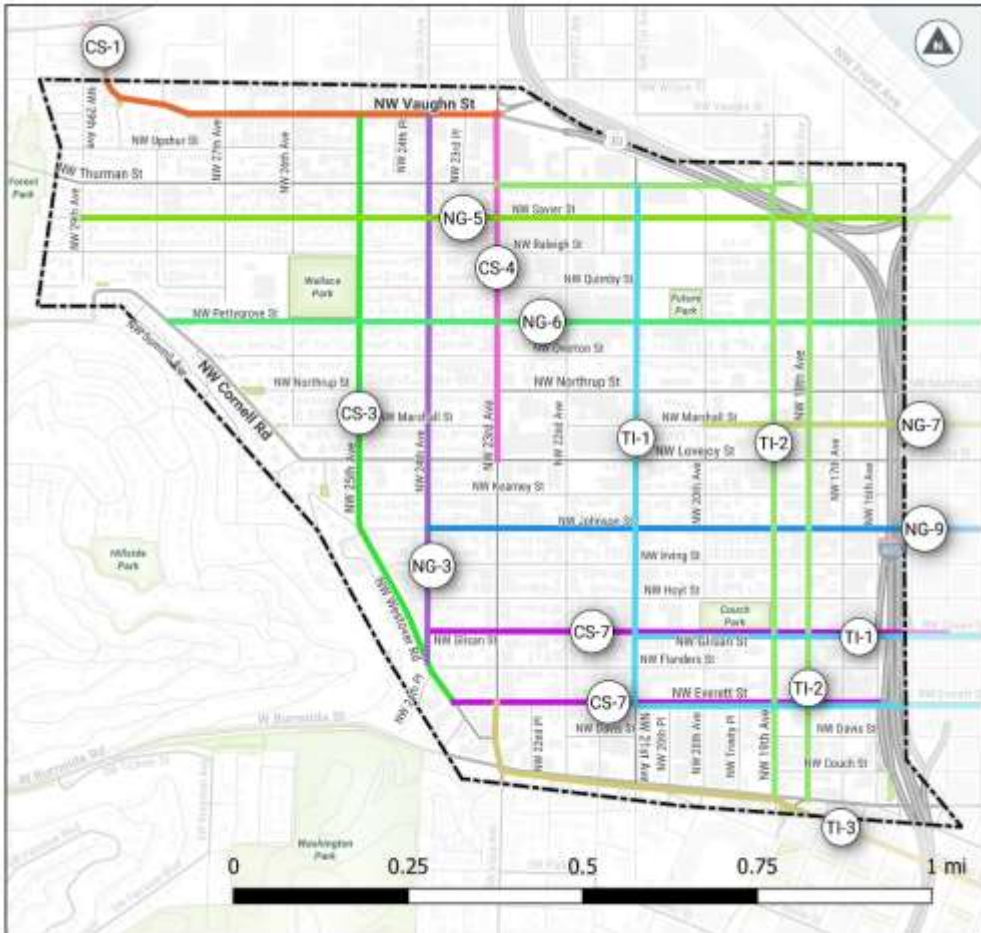
1. Install traffic signals where warranted, especially on couplets and intersections of collector streets.
2. **Avoid traffic signals and focus on pedestrian-only crossings in most cases.**



Pedestrian Crossing strategies

1. Install traffic signals where warranted, especially on couplets and intersections of collector streets.
 2. **Avoid traffic signals and focus on pedestrian-only crossings in most cases.**
- Pros
 - Less expensive to install
 - Traffic doesn't have to stop unless pedestrians are present
 - Less likely to draw traffic
 - Cons
 - Yielding rates are lower
 - Less intuitive for peds (activation, eye contact, etc)
 - Less predictable traffic flow

Wrap Up and Next Steps



- **Up Next:** Project Development on Tier 1 projects, including traffic calming and crossing strategies
- **Next CAG meeting:** March TBD



Thank you!