MOBILITY IMPLEMENTATION PLAN

Mobility Implementation Plan

Transportation Commission
July 22, 2021

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Transportation

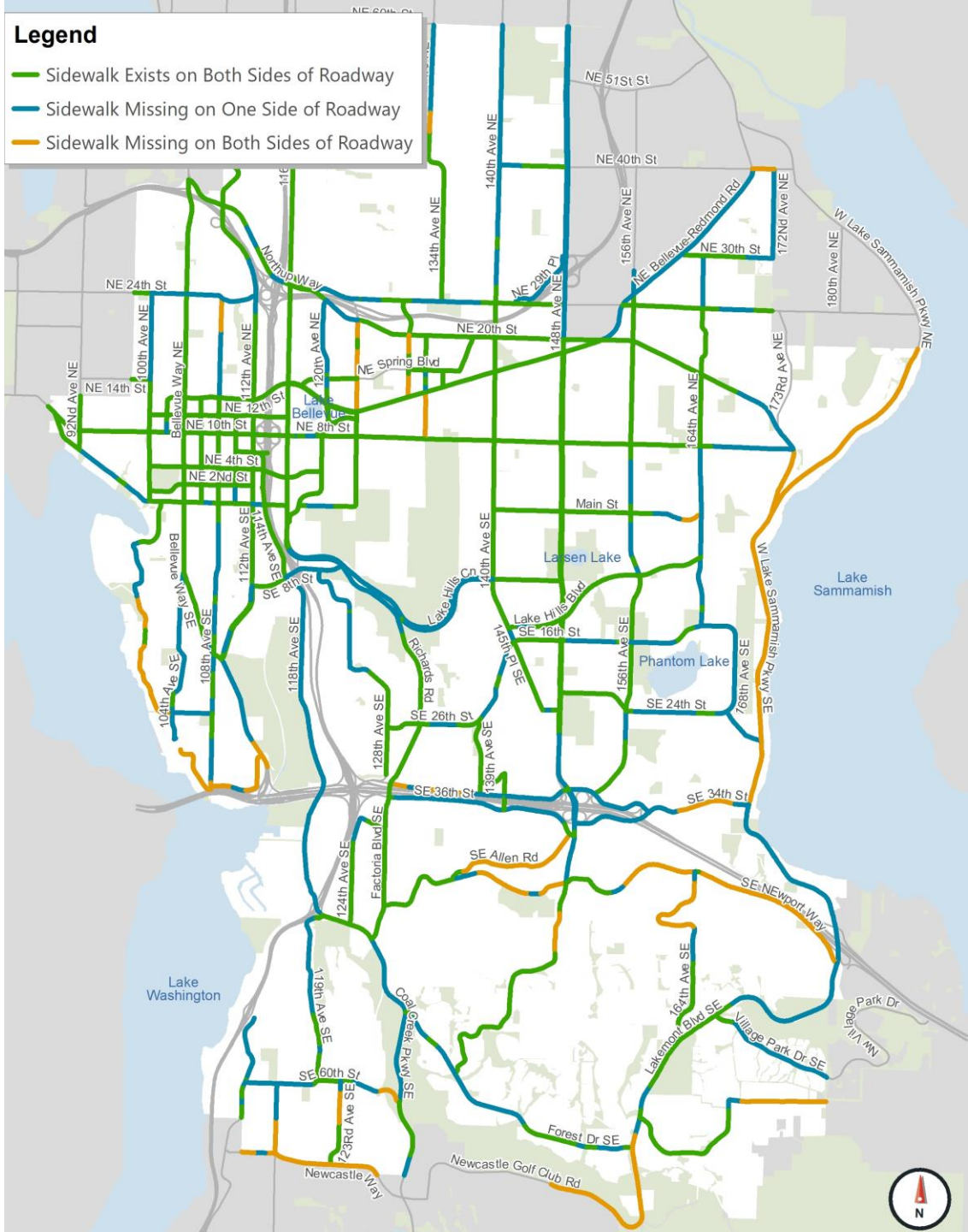
FEHR PEERS

Updated Performance Targets

- Per Transportation Commission input, we have updated Performance Metric results for:
  - Pedestrian
  - Bicycle
  - Transit
- 2030 Performance Target Results based on TFP project list

Pedestrian Performance Targets

- Focus on gaps in the pedestrian network on arterials citywide
- City will opportunistically address deficiencies
- City will continue to require developers to make frontage improvements



Pedestrian Performance Targets

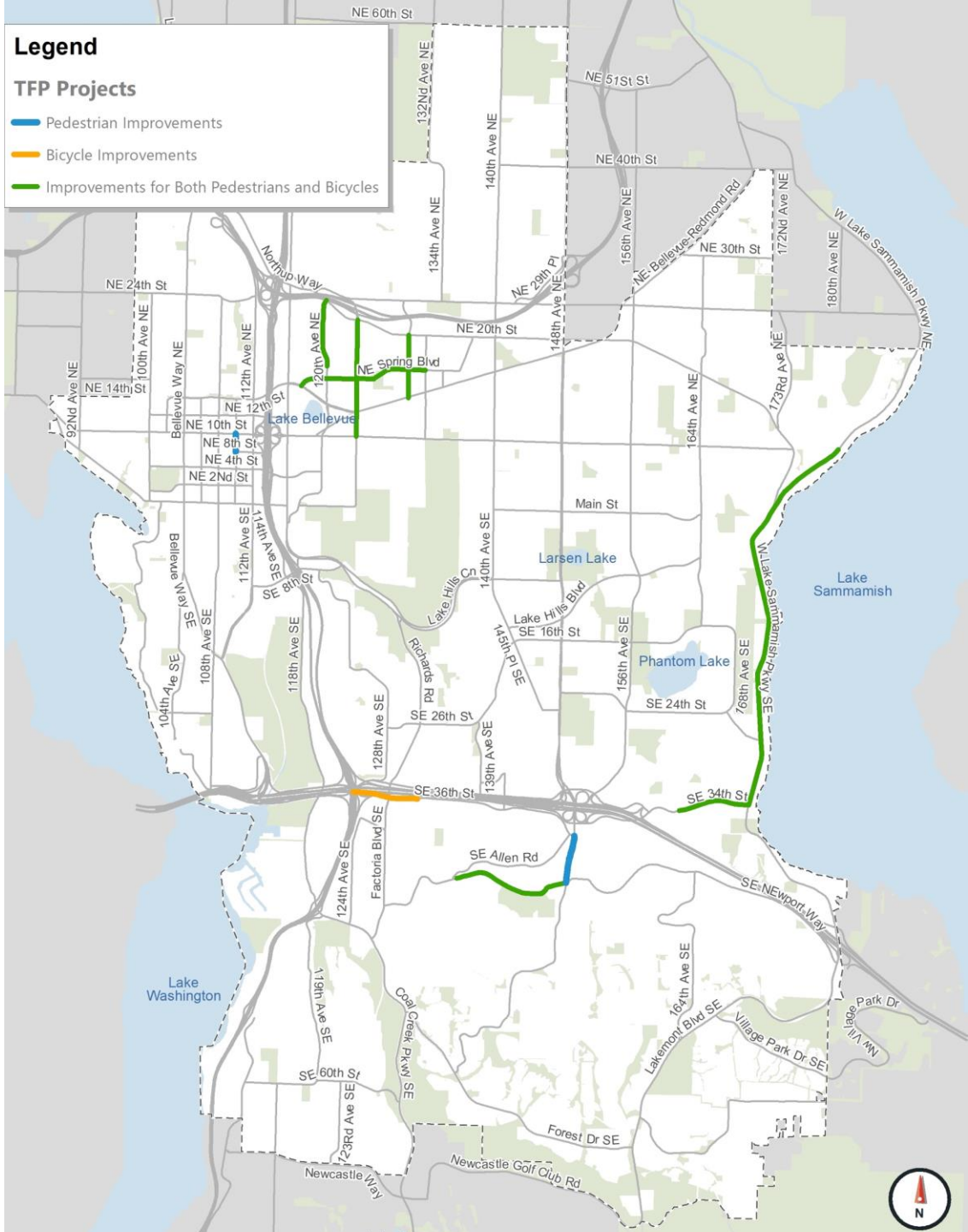
Pedestrian Network Performance

Citywide Sidewalk System Completion		
	Miles	Proportion
Sidewalks on Both Sides of the Street	74	52%
Sidewalks on One Side of the Street	51	36%
Sidewalk Gaps	17	12%
Total Sidewalk Distance	158	100%

Proportion of Sidewalk System Completion by Performance Management Area			
PMA	Sidewalks on Both Sides	Sidewalks on One Side	Sidewalk Gaps
1. Downtown	96%	4%	0%
2. BelRed	78%	14%	8%
3. Wilburton/East Main	57%	43%	0%
4. Crossroads	100%	0%	0%
5. Eastgate	29%	62%	8%
6. Factoria	68%	29%	3%
7. Residential	43%	41%	16%

Pedestrian Performance Targets

- Future TFP projects
- Some of these projects are being implemented now or were recently completed



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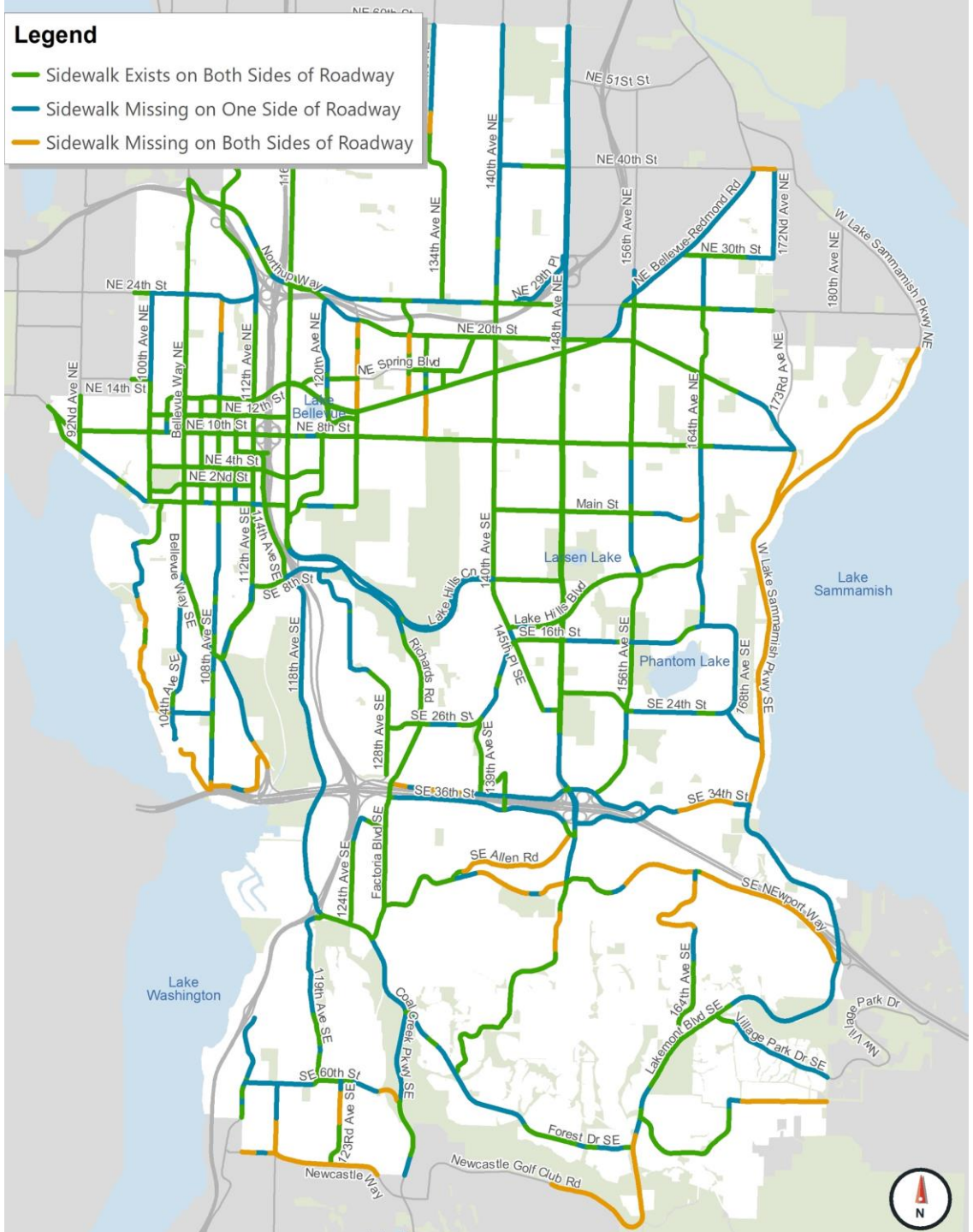
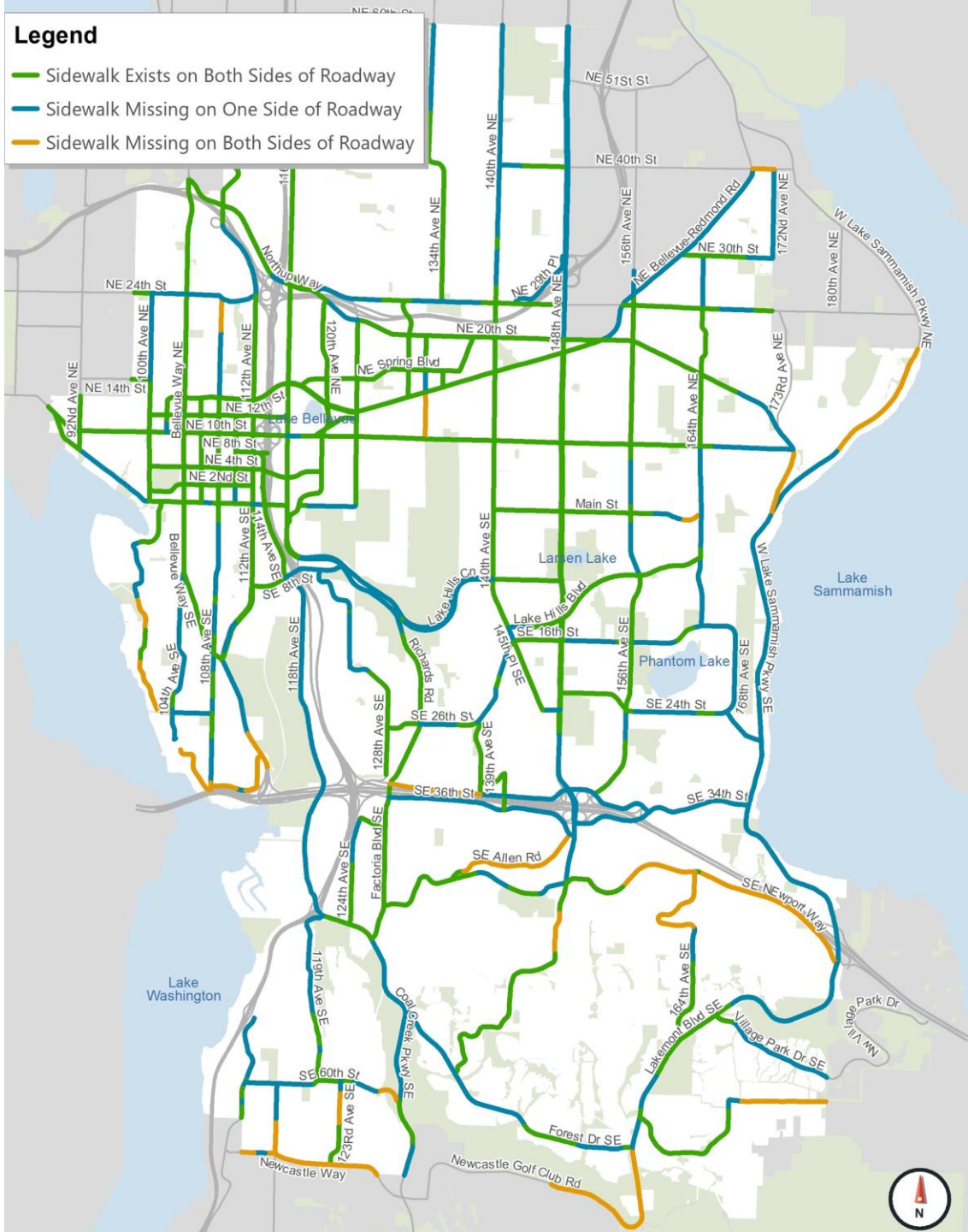




Pedestrian Performance Targets

Pedestrian Network Performance

Citywide Sidewalk System Completion

	Existing	2030 TFP
Sidewalks on Both Sides of the Street	52%	53%
Sidewalks on One Side of the Street	36%	38%
Sidewalk Gaps	12%	9%
Total Sidewalk Distance	100%	100%

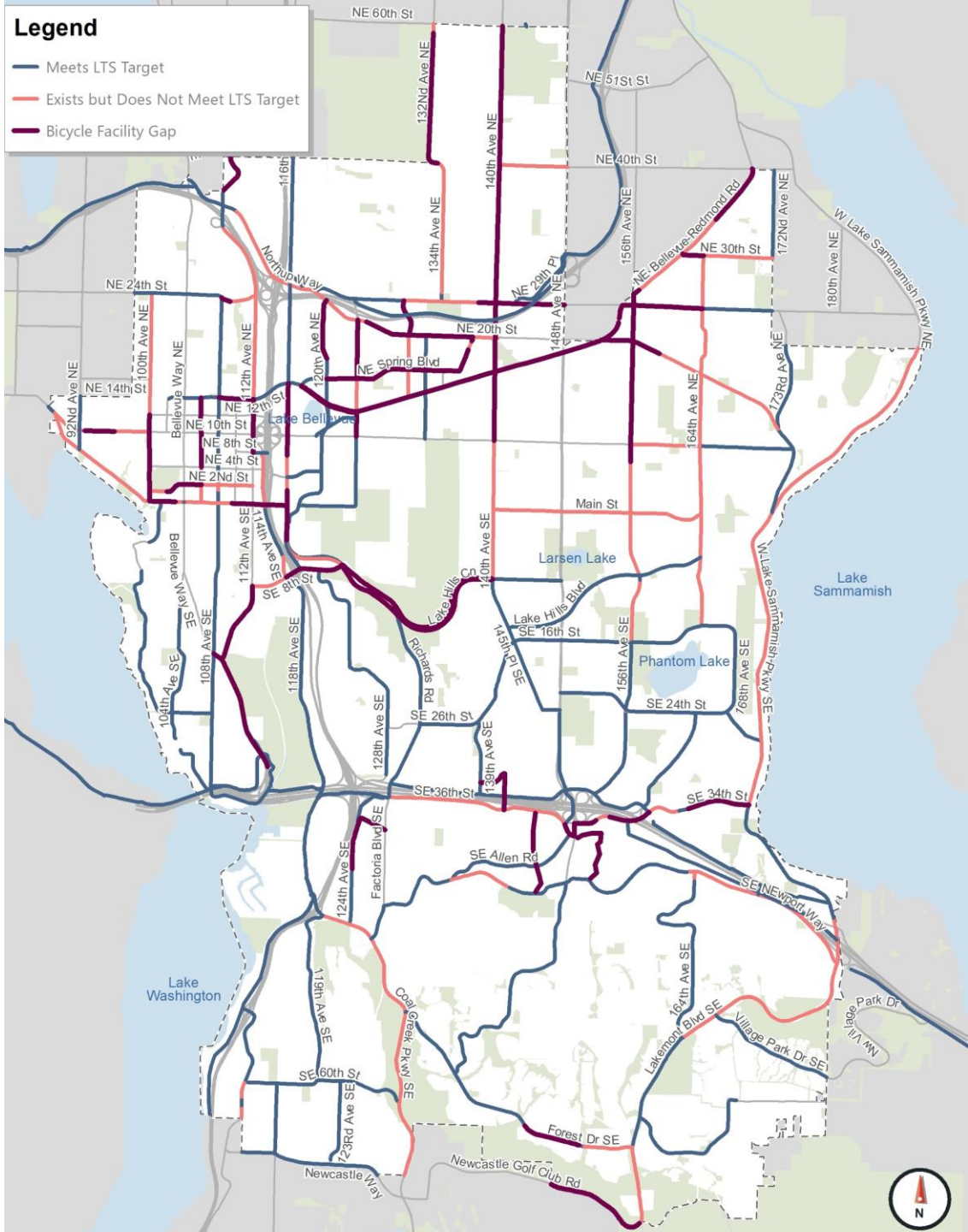
Proportion of Sidewalk System Completion by Performance Management Area

PMA	Sidewalks on Both Sides		Sidewalks on One Side		Sidewalk Gaps	
	Existing	2030 TFP	Existing	2030 TFP	Existing	2030 TFP
1. Downtown	96%	96%	4%	4%	0%	0%
2. BelRed	78%	89%	14%	10%	8%	1%
3. Wilburton/East Main	57%	58%	43%	42%	0%	0%
4. Crossroads	100%	100%	0%	0%	0%	0%
5. Eastgate	29%	27%	62%	64%	8%	9%
6. Factoria	68%	63%	29%	34%	3%	3%
7. Residential	43%	43%	41%	45%	16%	12%

Discussion

Bicycle Performance Targets

- Focus on gaps in the network
- Evaluate both citywide bike network and priority bike corridors
- Prioritize implementation of the priority bike corridors



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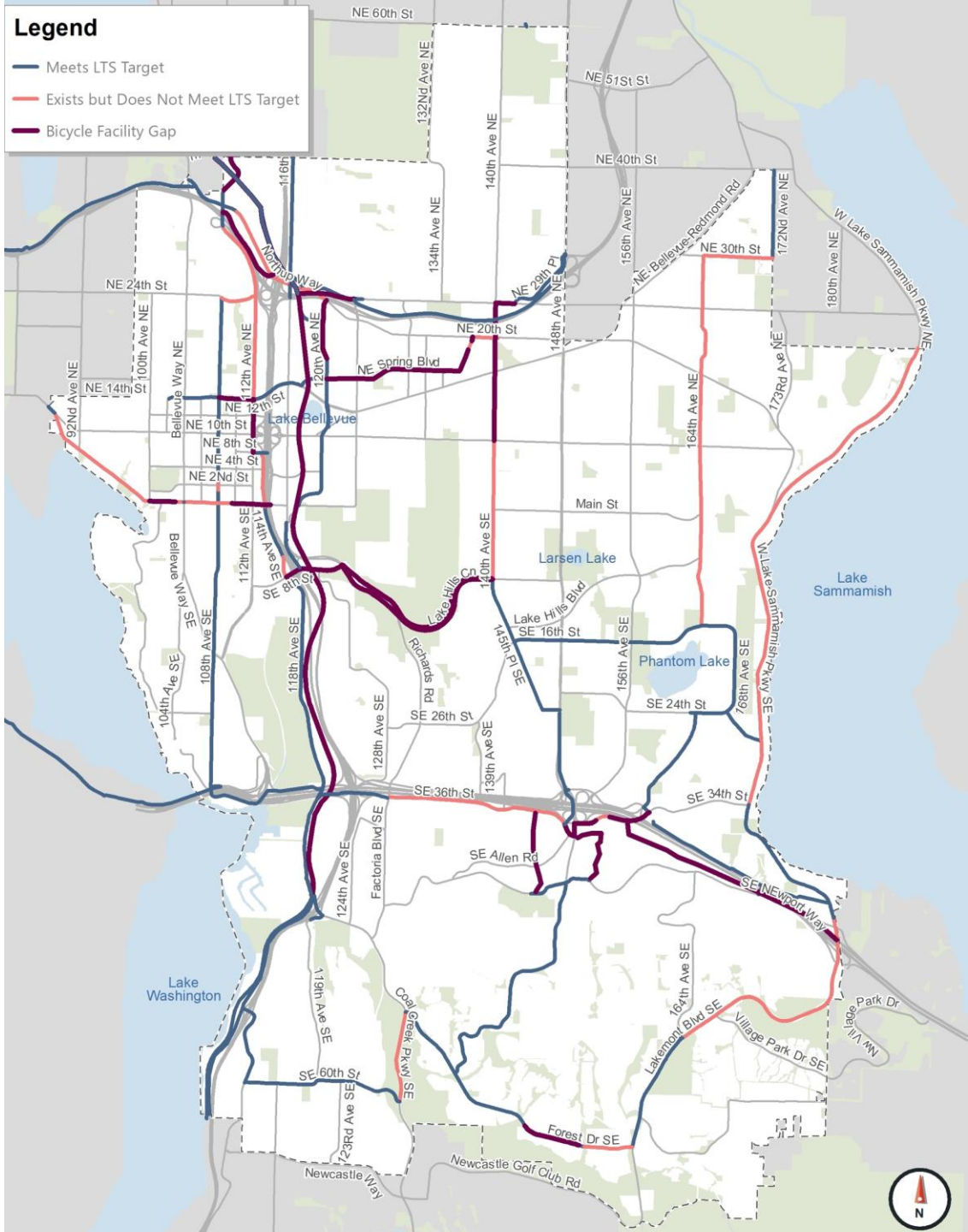


Bicycle Performance Targets

Bicycle Network Performance

Citywide Bicycle System Completion

	Miles	Proportion
Meets LTS Standard	69	54%
Exists but Does Not Meet LTS Standard	32	25%
Gap in Bicycle Network	28	22%
Total Bikeway Distance	129	100%

Proportion of Bicycle System Completion by Performance Management Area

PMA	Meets LTS Standard	Exists but Does Not Meet LTS Standard	Gap in Bicycle Network
1. Downtown	24%	35%	41%
2. BelRed	32%	8%	60%
3. Wilburton/East Main	54%	15%	31%
4. Crossroads	0%	60%	40%
5. Eastgate	64%	20%	16%
6. Factoria	53%	32%	15%
7. Residential	60%	26%	14%

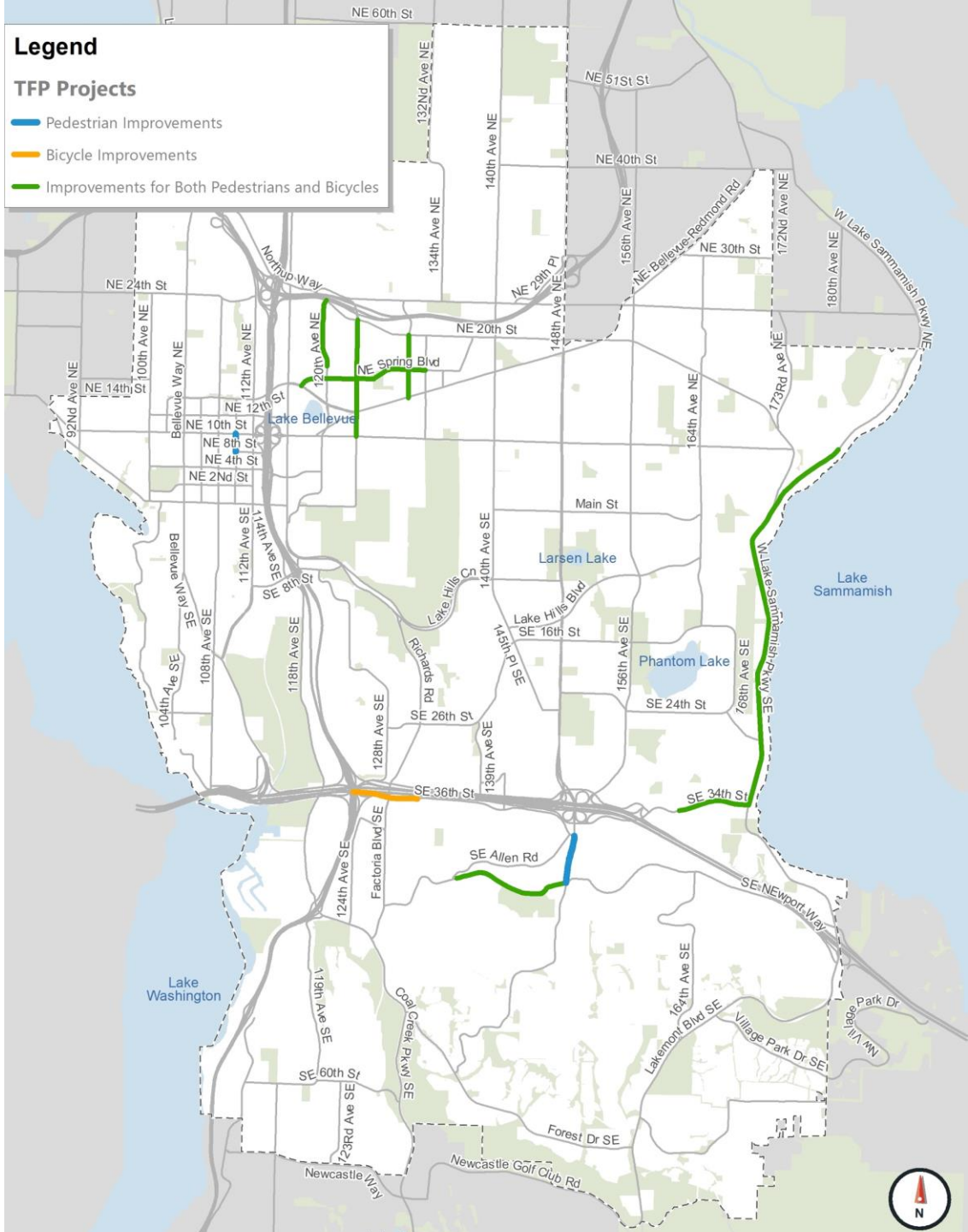
Bicycle Performance Targets

Priority Bicycle Corridor Facility Performance - Existing

Priority Bicycle Corridor	Miles	Facilities That Meet LTS	Existing Facilities That Do Not Meet LTS	Facility Gaps
Enatai-Northtowne	4	91%	9%	0%
Lake Washington Loop	8	68%	23%	9%
Eastrail	8	32%	0%	68%
Somerset-Redmond	9	62%	13%	25%
Spiritridge-Sammamish	6	43%	57%	0%
West Lake Sammamish Parkway	5	23%	77%	0%
520 Trail	4	77%	23%	0%
Downtown-Overlake	3	33%	0%	67%
Lake-to-Lake	7	49%	22%	29%
Mountains to Sound Greenway	6	30%	23%	47%
Coal Creek-Cougar Mountain	7	55%	38%	7%
Total	67	55%	26%	19%

Bicycle Performance Targets

- Future TFP projects
- Some of these projects are being implemented now or were recently completed



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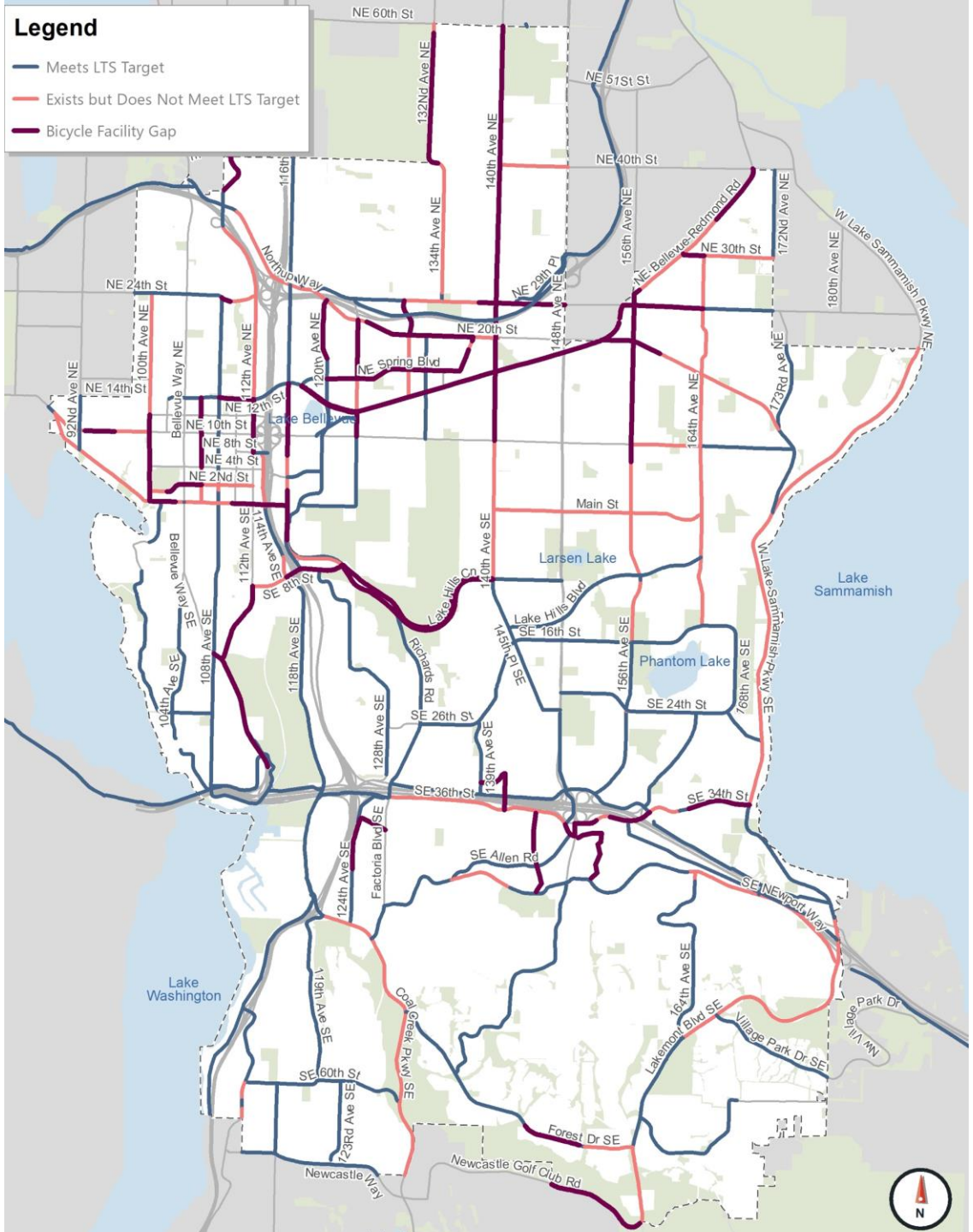
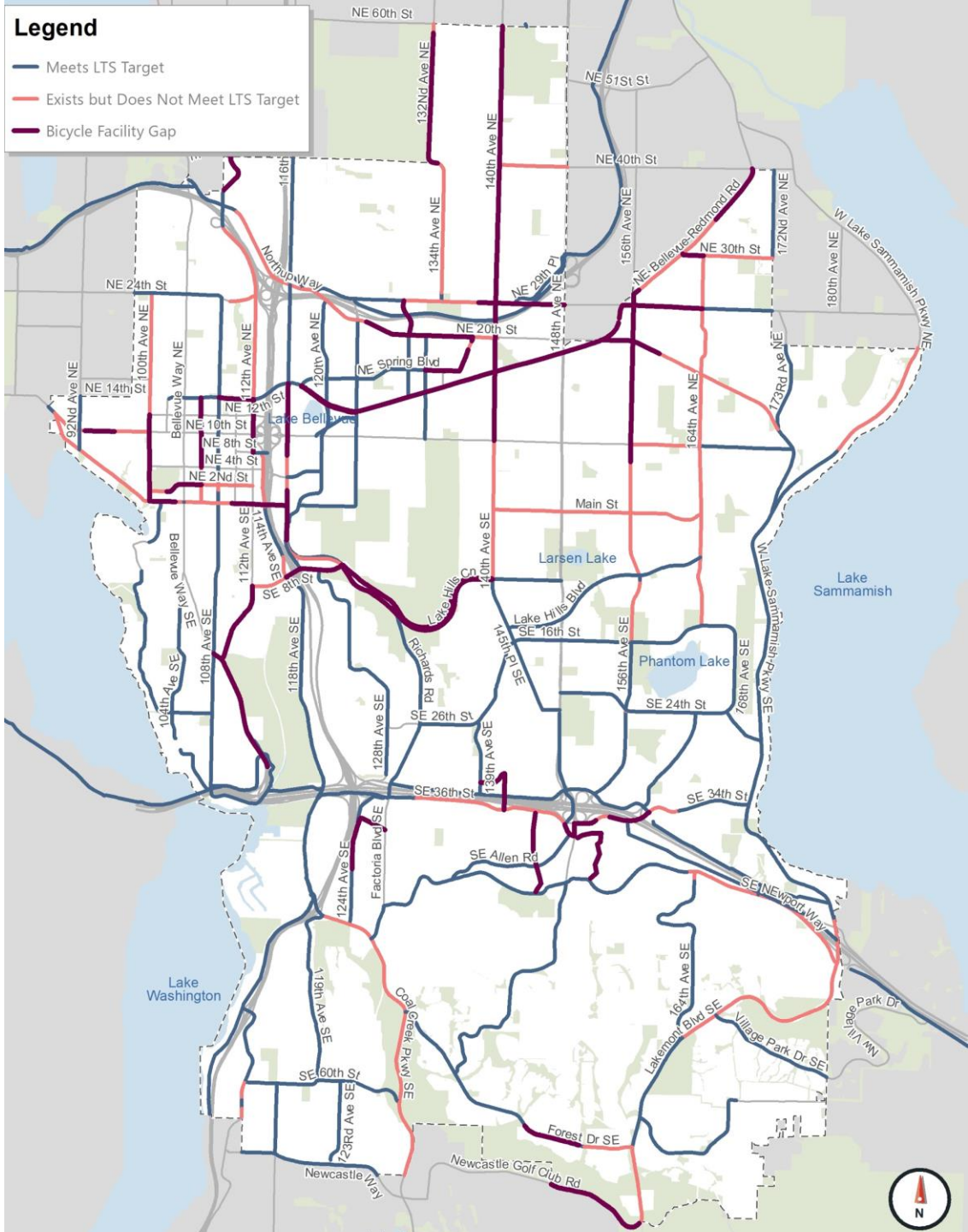




Bicycle Performance Targets

Bicycle Network Performance

Citywide Bicycle System Completion

	Existing	2030 TFP
Meets LTS Standard	54%	59%
Exists but Does Not Meet LTS Standard	25%	22%
Gap in Bicycle Network	22%	19%
Total Bikeway Distance	100%	100%

Proportion of Bicycle System Completion by Performance Management Area

PMA	Meets LTS Standard		Exists but Does Not Meet LTS Standard		Gap in Bicycle Network	
	Existing	2030 TFP	Existing	2030 TFP	Existing	2030 TFP
1. Downtown	24%	24%	35%	35%	41%	41%
2. BelRed	32%	50%	8%	5%	60%	44%
3. Wilburton/East Main	54%	54%	15%	15%	31%	31%
4. Crossroads	0%	0%	60%	60%	40%	40%
5. Eastgate	64%	65%	20%	20%	16%	15%
6. Factoria	53%	58%	32%	27%	15%	15%
7. Residential	60%	64%	26%	23%	14%	12%

Bicycle Performance Targets

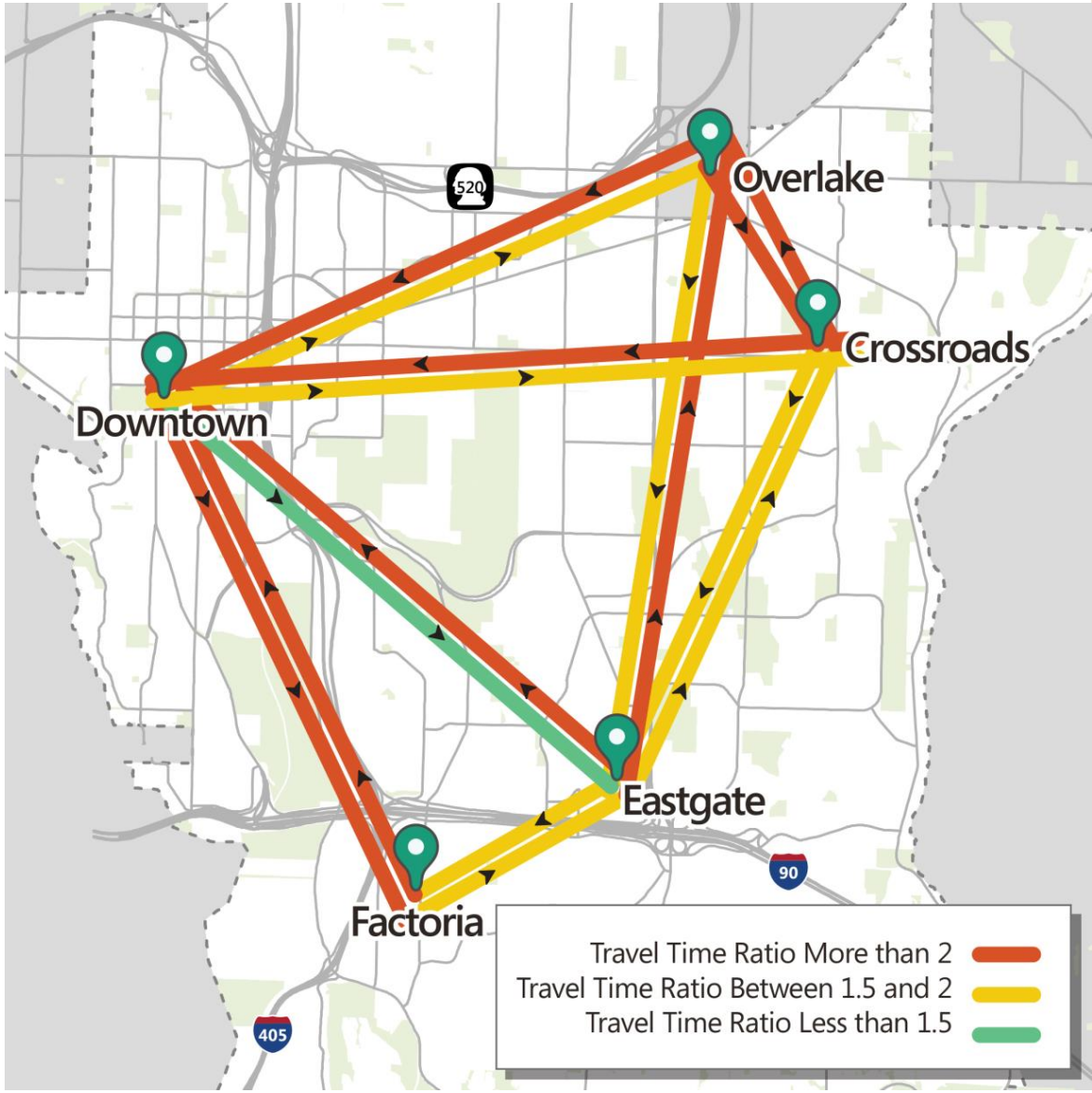
Priority Bicycle Corridor Facility Performance

Priority Bicycle Corridor	Facilities That Meet LTS		Existing Facilities That Do Not Meet LTS		Facility Gaps	
	Existing	2030 TFP	Existing	2030 TFP	Existing	2030 TFP
Enatai-Northtowne	91%		9%		0%	
Lake Washington Loop	68%		23%		9%	
Eastrail	32%		0%		68%	
Somerset-Redmond	62%		13%		25%	
Spiritridge-Sammamish	43%		57%		0%	
West Lake Sammamish Parkway	23%		77%		0%	
520 Trail	77%		23%		0%	
Downtown-Overlake	33%		0%		67%	
Lake-to-Lake	49%		22%		29%	
Mountains to Sound Greenway	30%		23%		47%	
Coal Creek-Cougar Mountain	55%		38%		7%	
Total	55%		26%		19%	

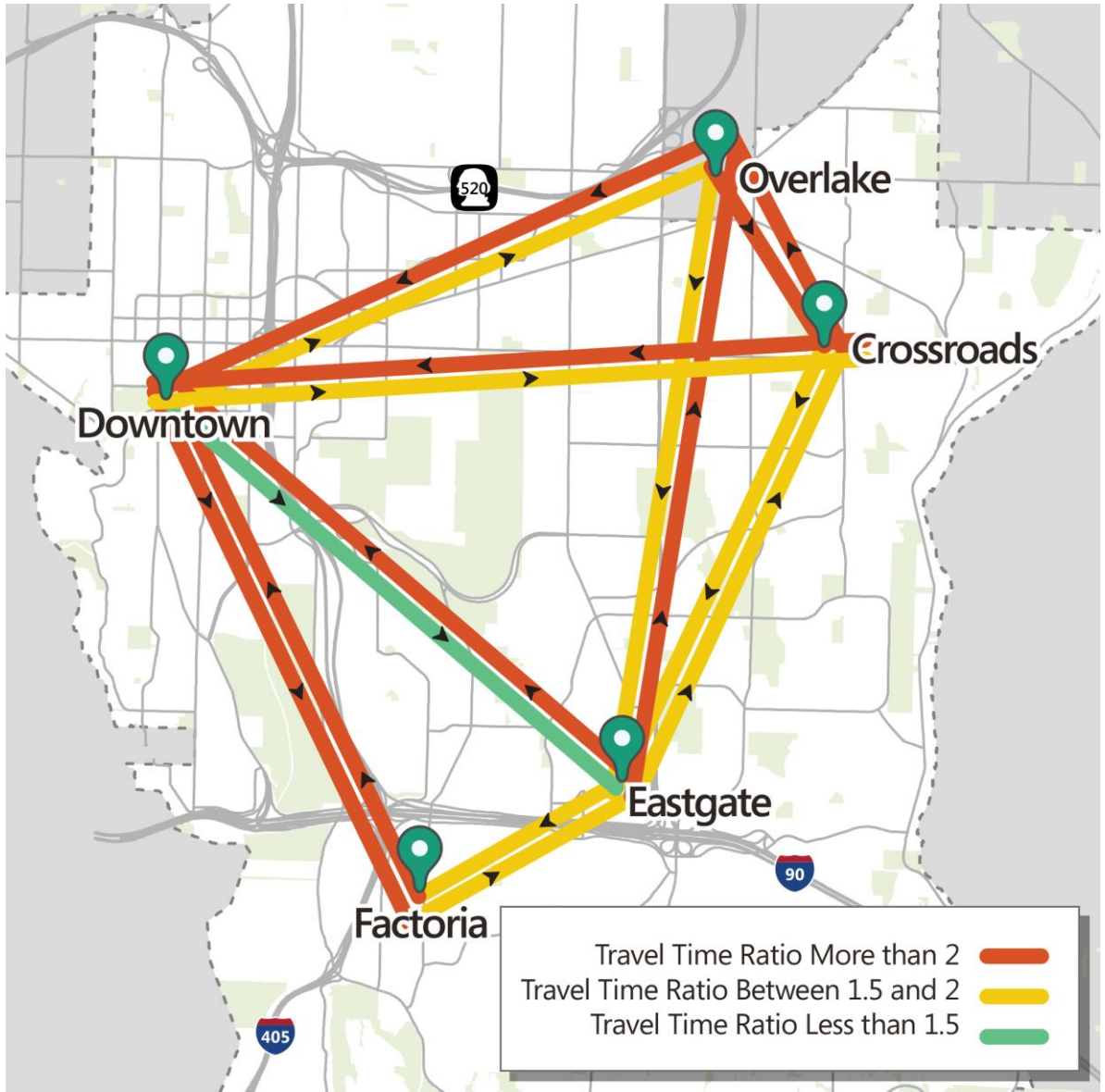
Discussion

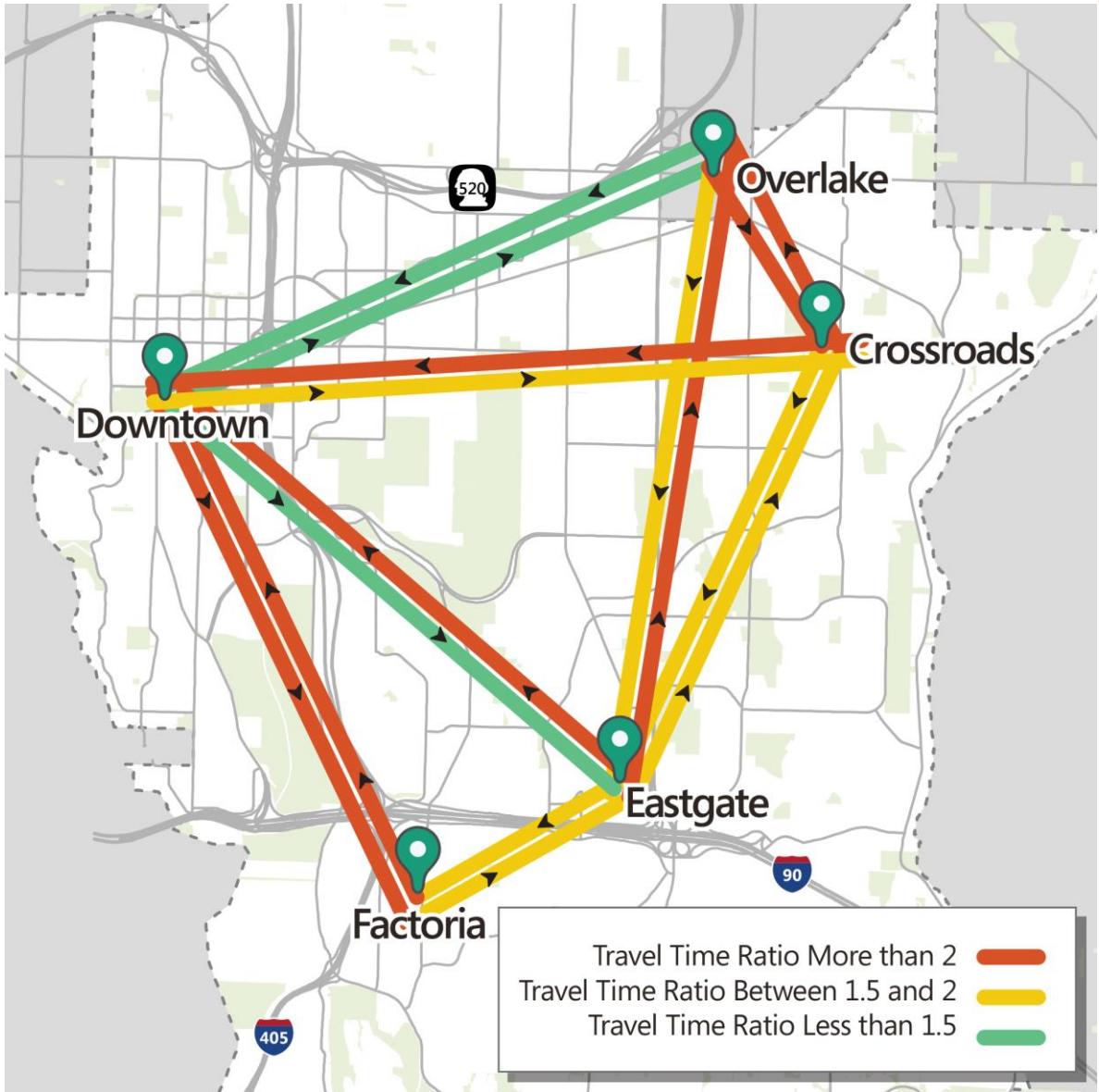
Transit Performance Metric

- Based on feedback from the Transportation Commission, the Performance Metric is based on the "transit travel time ratio"
  - Ratio of time on transit compared to time in private car
- Performance guidelines from Transportation Research Board
  - Less than 1.5 is desirable for most riders
  - Greater than 2.0 is frustrating



Transit Performance Metric





Discussion

Next Steps

July 28 PC Public Hearing

- Multimodal Concurrency standard policy recommendation

September 9 TC Meeting

- Questionnaire Results
- TFP (2033) Modeling Analysis
- Environmental Metrics Introduction

September 23 TC Meeting

- Vehicle Performance Target Recommendations
- Project Prioritization Framework Introduction

Thank You!

Level-of-Service in Bellevue
Toward a Multimodal Approach to Mobility

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Please visit the
Mobility Implementation Plan web site