

Wilburton Commercial Area CAC

Meeting #7

July 6th, 2017

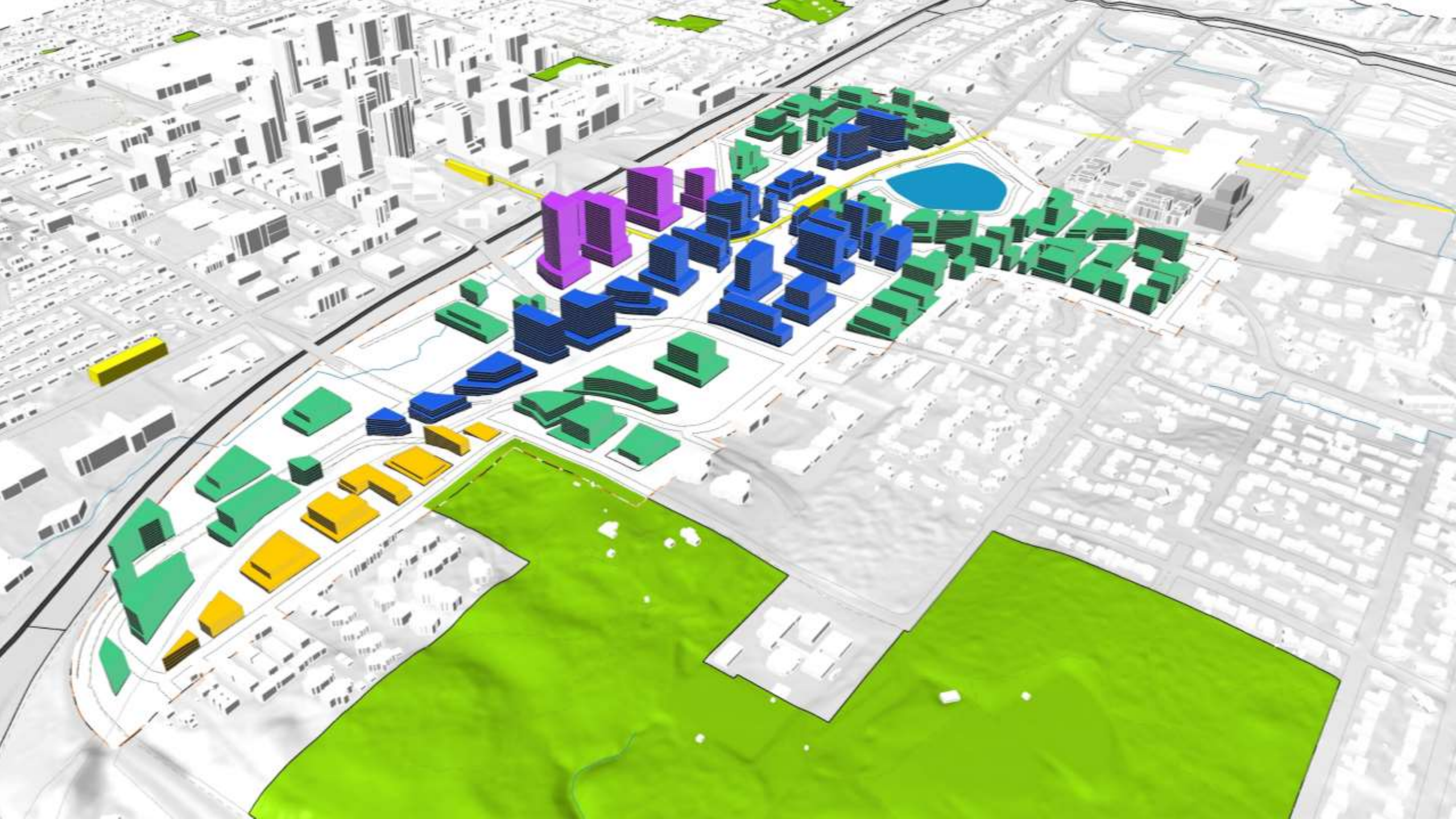


Tonight's Topics

- Updated Height and Density Graphics
- 116th Avenue NE and Block Permeability
- Performance Measures







Group Exercise Review

STREETSCAPE:
116th Ave NE Cross-section

PERMEABILITY:
Study Area Grid Network



Precedents: Improved Streetscape on Major Arterials



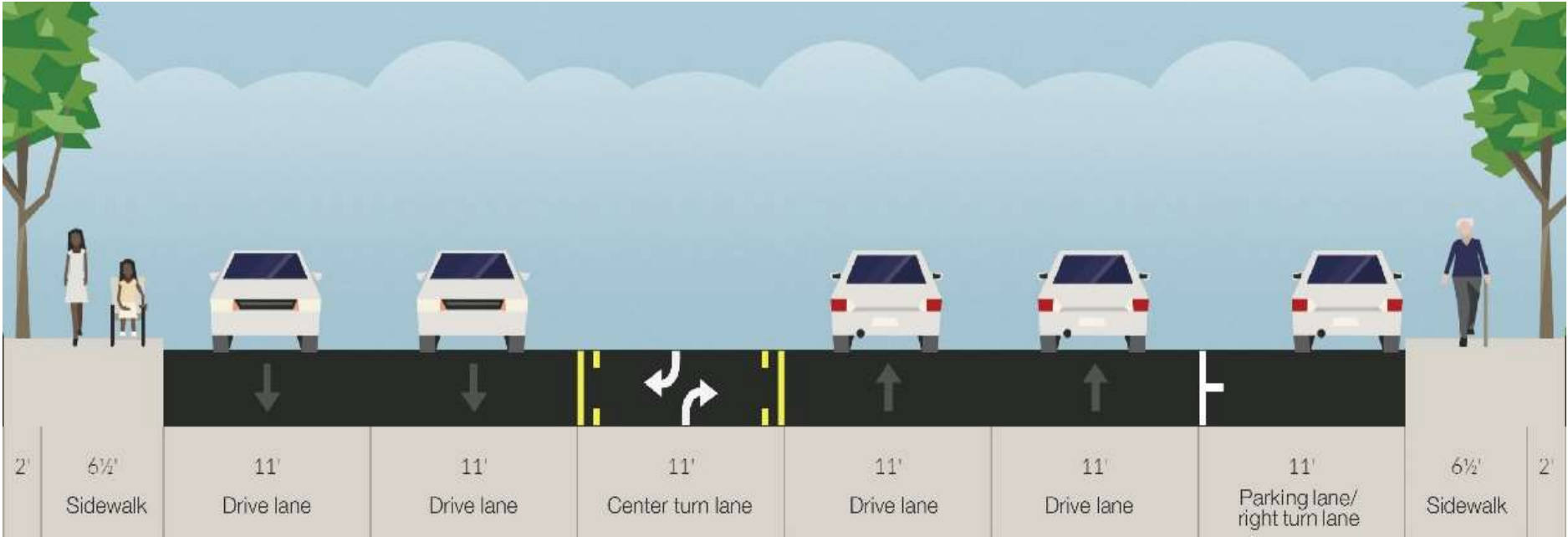
Alabama Street



Precedents: Improved Streetscape on Major Arterials



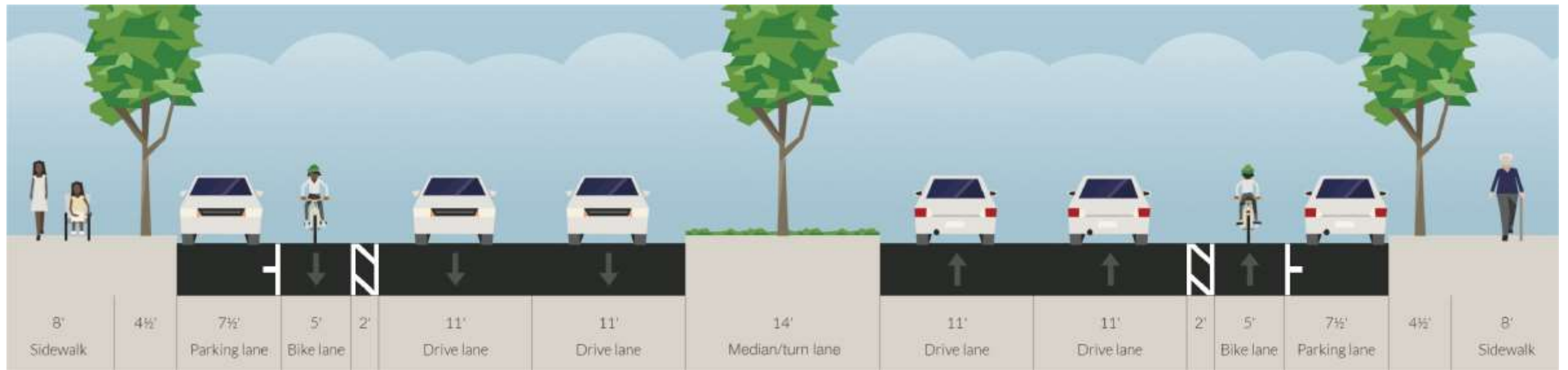
116th Ave NE – Existing Cross-section



83 feet total



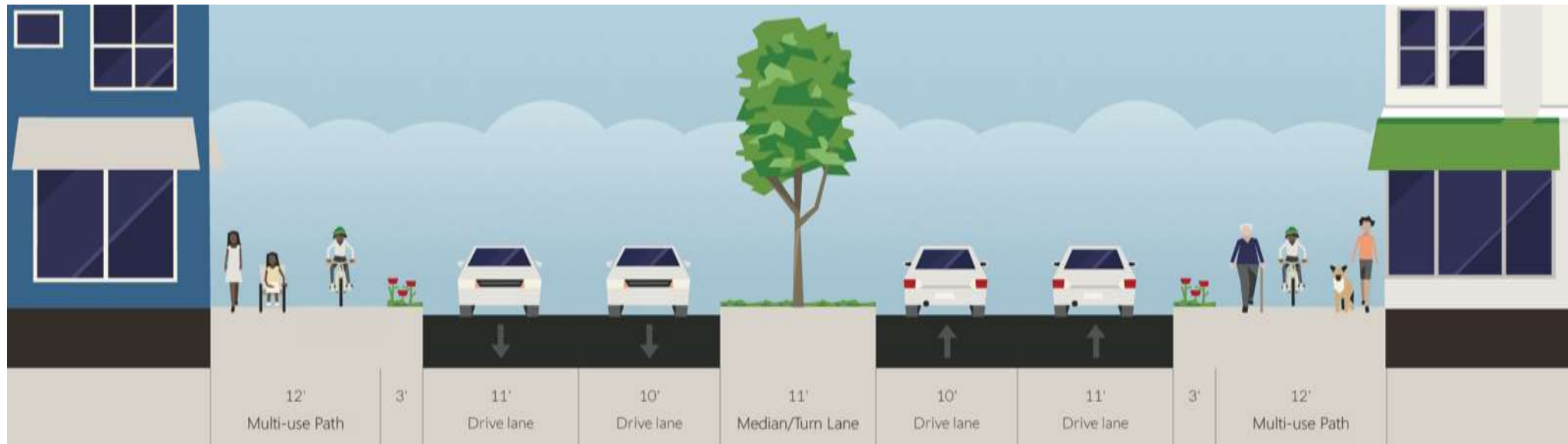
116th Ave NE Streetscape Plan (2015)



112 feet total



116th Ave NE – CAC Worksession



83 feet total



116th Ave NE Cross-section

Group Discussion



Permeability of Network & Streetscape



Permeability of Network & Streetscape



Permeability of Network & Streetscape



Permeability of Network & Streetscape

Pedestrian Path

Alley with Addresses

Local Street

Festival Street



Pedestrian Path

Various pathways in Bellevue



13th Street Promenade, Santa Monica



17th Street Gateway, Oakland



Dan Corson, City of Oakland



Local Street



Alley with Addresses

Chophouse Row, Seattle



Dunn+Hobbes



Chophouserow.com

Canton Alley, Seattle



sticklab.org

Rendering provided by City of Bellevue



Festival Street

NW Davis Street, Portland (during festival and on a typical day)



Fai Chong, Flickr



portlandpublicart.wordpress.com

Triangle Festival Street, Seattle



West Seattle YMCA

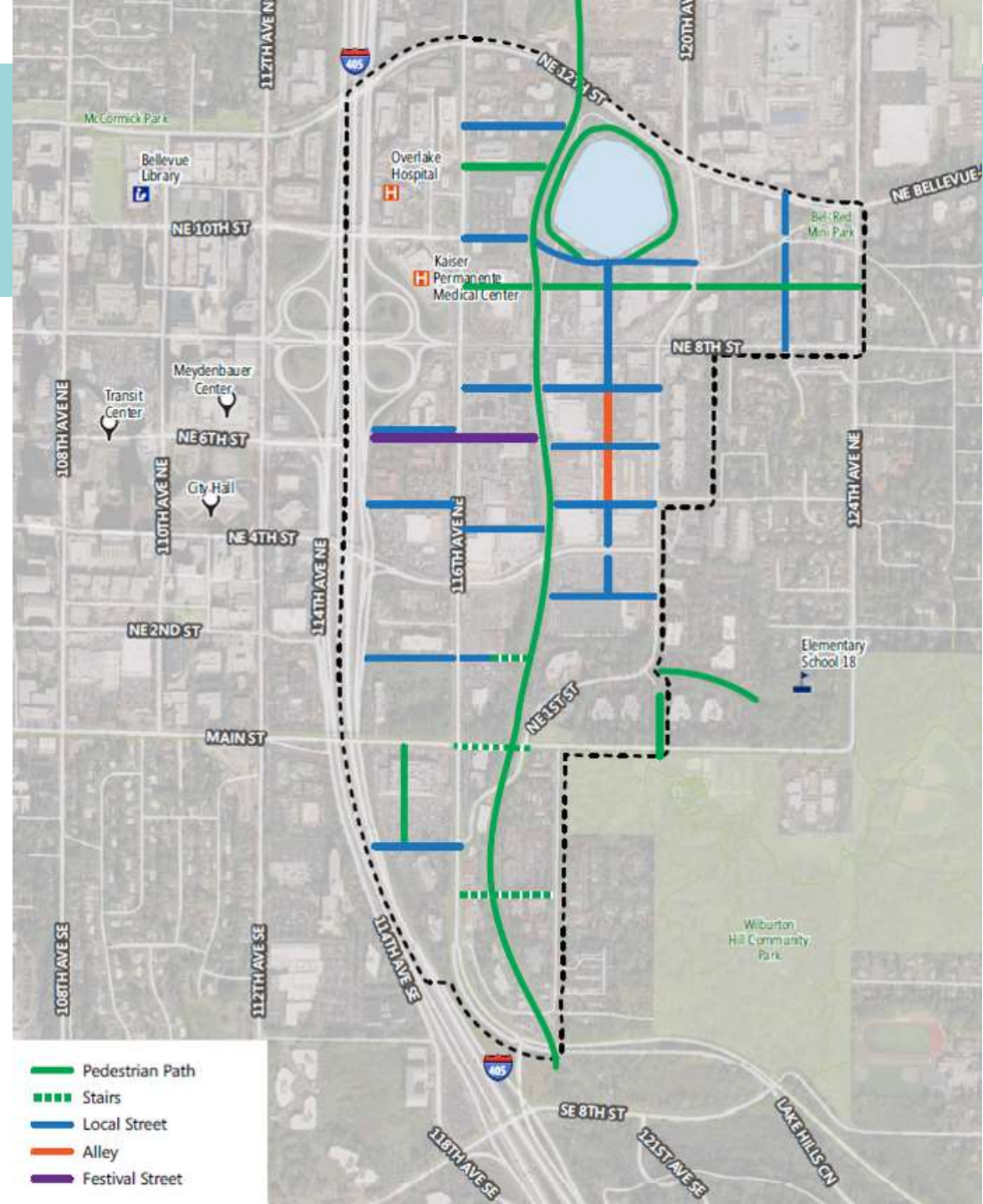
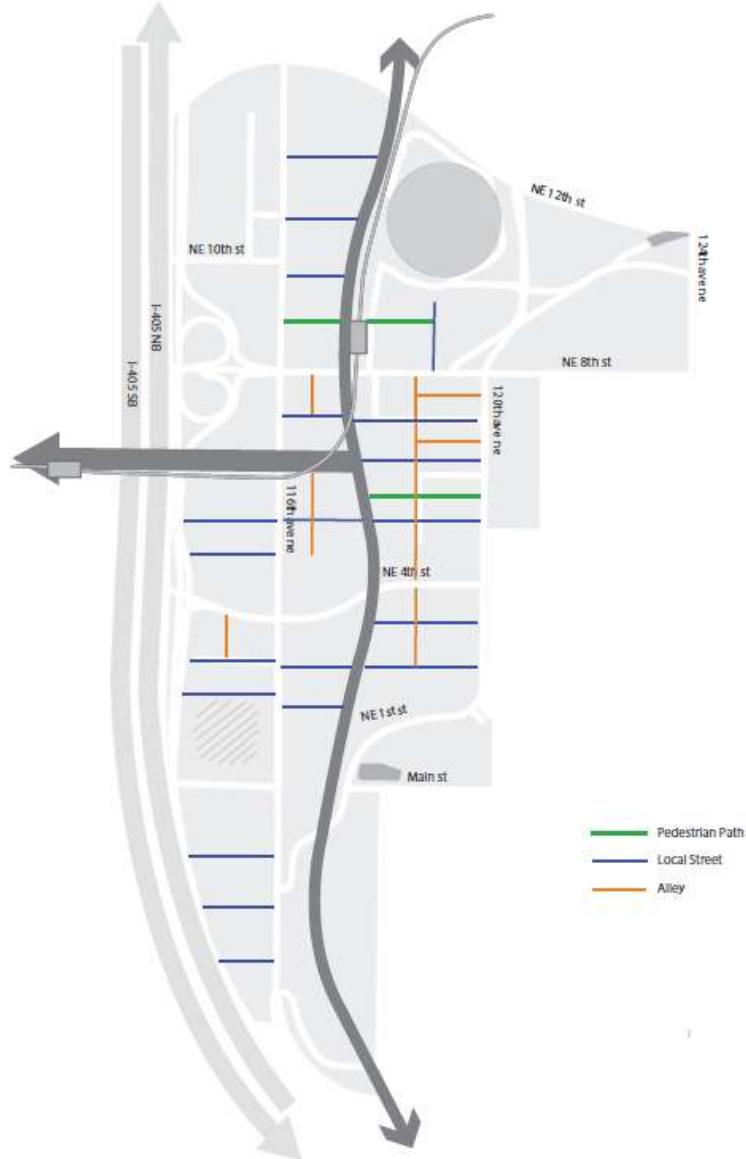
“Woonerf” or shared street, Batavia, IL



Altamanu



CAC Worksession



Permeability of Network & Streetscape

Group Discussion



Performance Measures & DEIS



Alternatives for EIS

The Environmental Impact Statement (EIS) will study three alternatives.

No Action Alternative 1

- Future Baseline under Current Plans

Action Alternative 2

Action Alternative 3



An alternative describes a different means of achieving a proposal. Proposal is to develop plan, zoning, and code changes that help City achieve vision:

"The Wilburton Commercial Area is Bellevue's next urban mixed-use community that enhances livability, promotes healthy living, supports economic vitality, and serves the needs of a diverse population. As Bellevue's cultural and innovative hub, it serves as a regional and international destination that connects people and fosters community by leveraging its existing assets to define a unique sense of place and character."



Potential Features of Alternatives

FEATURE	NO ACTION ALTERNATIVE 1	ACTION ALTERNATIVE 2	ACTION ALTERNATIVE 3
Growth: Market Level	Low-Moderate	High	Very High
Form/Floor Area Ratio	Low	Moderate	High
Transportation	Planned Network	New Connections & MM Improvements	New Connections & MM Improvements
Public Realm / Open Space	Current Plans	Test Compatibility of Different Open Space Concepts with Land Use and Transportation Elements	



Evaluation of Alternatives

EIS Topics

geology and soils
water resources
air quality/greenhouse gas
ecosystems
land use and economic activity
neighborhoods and population
aesthetics
transportation
noise
energy
environmental health
public services and utilities

Transportation & Environmental Performance Measures

- See Attachment B of CAC memo/packet

DRAFT Matrix Evaluation Framework

Performance Measure	Alternative 1 No Action	Alternative 2	Alternative 3
Measure X			
Measure Y			



Strong emphasis

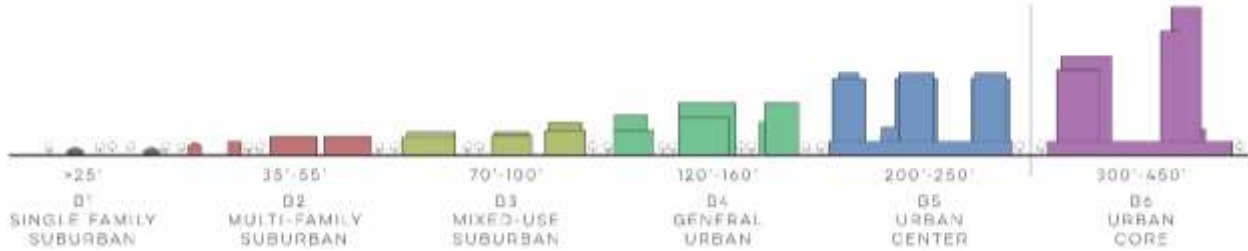


Moderate
emphasis



Weak emphasis

Land Use-TOD



Alternative 1



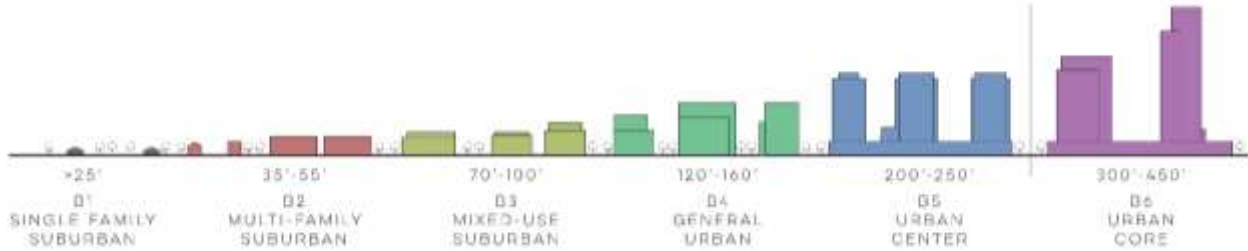
Alternative 2



Alternative 3

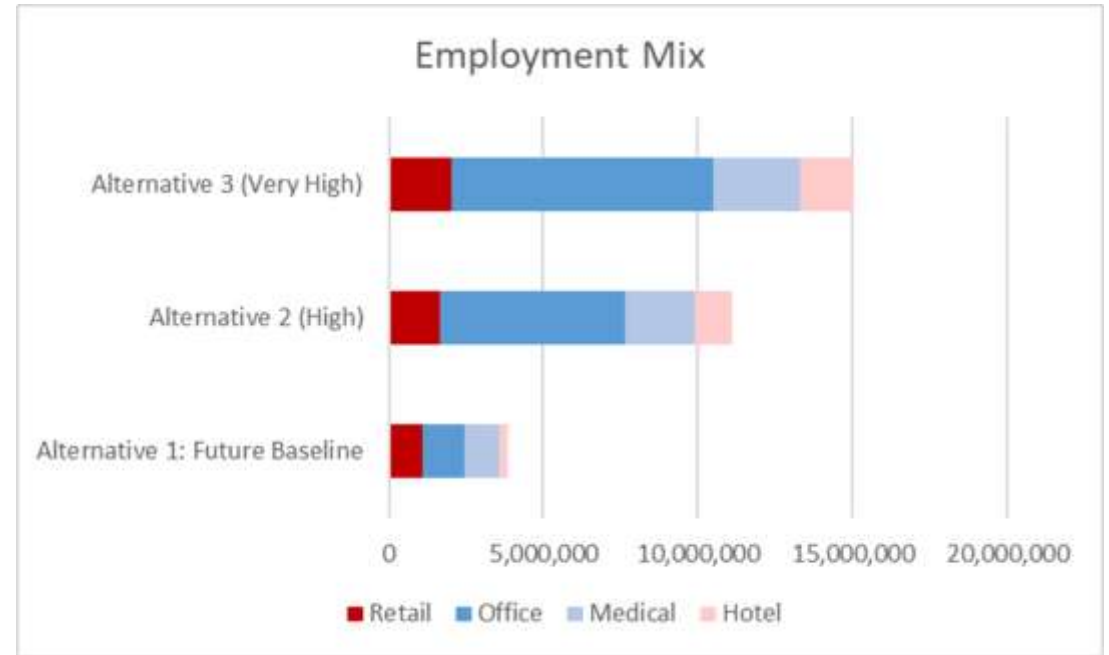
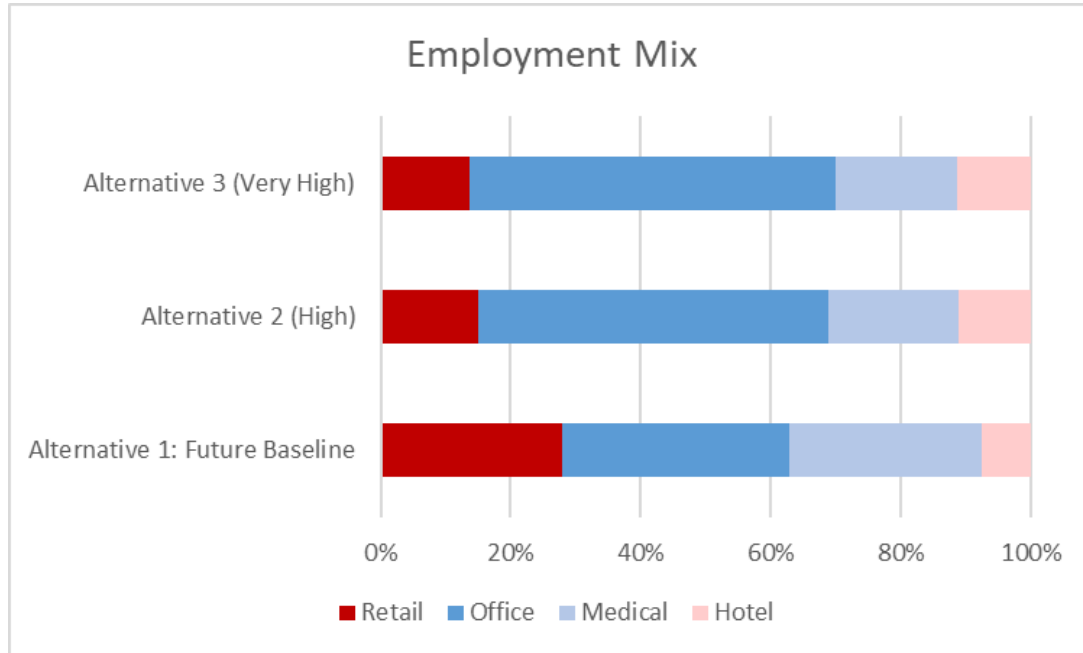
Performance Measure	Alternative 1 No Action	Alternative 2	Alternative 3
Character, intensity, and extent of transit-oriented mixed-use development around Wilburton station	↓	↑	↑





Perimeter



Performance Measure	Alternative 1 No Action	Alternative 2	Alternative 3
Concentration of [compatible] development and activity at perimeter of neighborhoods	↑	↑	●

Job Diversity & Capacity

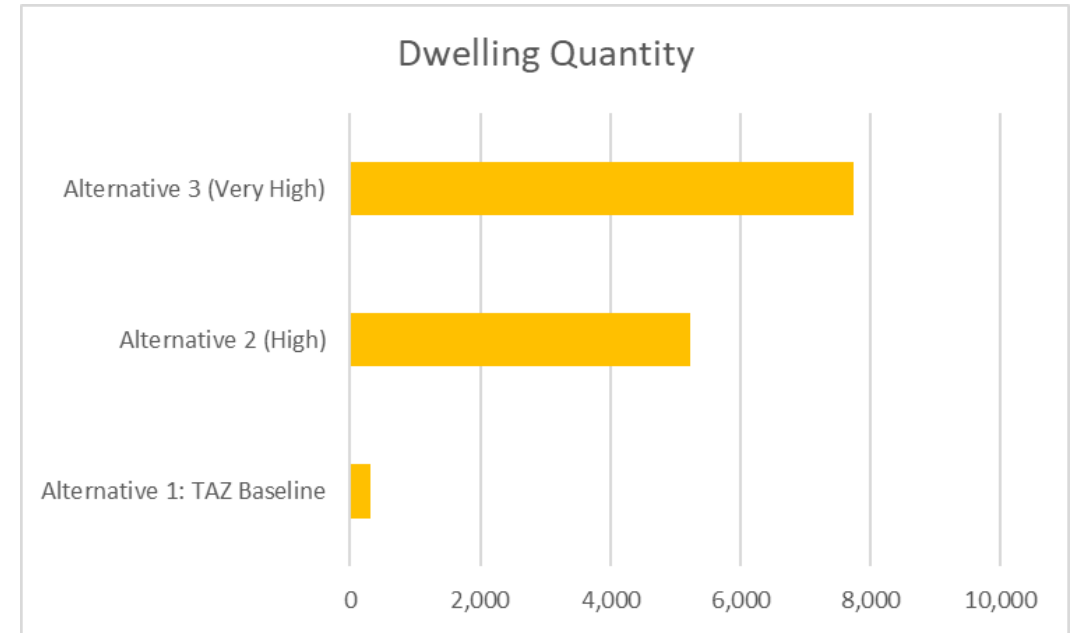





Performance Measure	Alternative 1 No Action	Alternative 2	Alternative 3
A strengthened and diversified economic base: capacity for job growth by sector, business starts	Diversity-  Capacity- 	Diversity & Capacity 	Diversity & Capacity 

Housing

Diversity of Forms

	Alt 1	Alt 2	Alt 3
B2 (Multi-Family Suburban)			
B3 (Mixed Use Suburban)			
B4 (General Urban)			
B5 (Urban Center)			
B6 (Urban Core)			



Performance Measure	Alternative 1 No Action	Alternative 2	Alternative 3
Housing quantity and diversity in housing forms and affordability	Diversity & Quantity 	Diversity-Quantity- 	Diversity & Quantity 

Transportation Performance Measures

Preliminary Performance Measure	City Council Principles										
	Grand Vision	Special Niche	Grand Connection	Neighborhood Identity	Emerging Opportunities	Integrated Station Area Planning	Community Benefit	Affordable Housing Opportunities	Impact Mitigation	Economic Vitality	Timing
Transportation											
Connectivity index and map	●				●	●	●				
Access to services (parks, schools etc.)	●				●	●	●				
Multimodal level of service performance measures	●		●		●	●		●	●		
Increase in walk and bike trips			●		●			●			
Transportation engineering complexity, cost, and funding availability											●



Connectivity Index



Route Directness



Sidewalk/Walkway Density

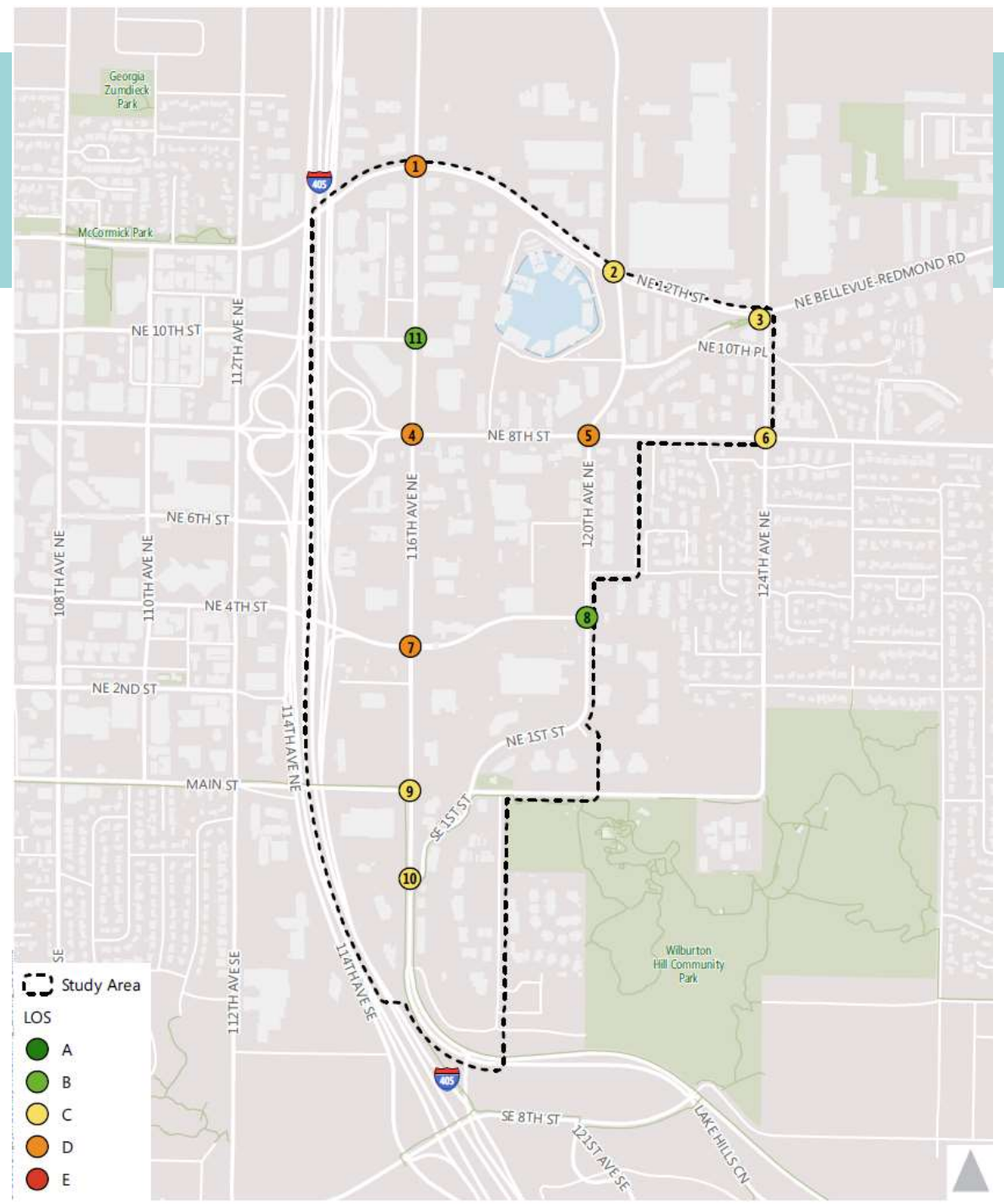


Arterial Crossing Density








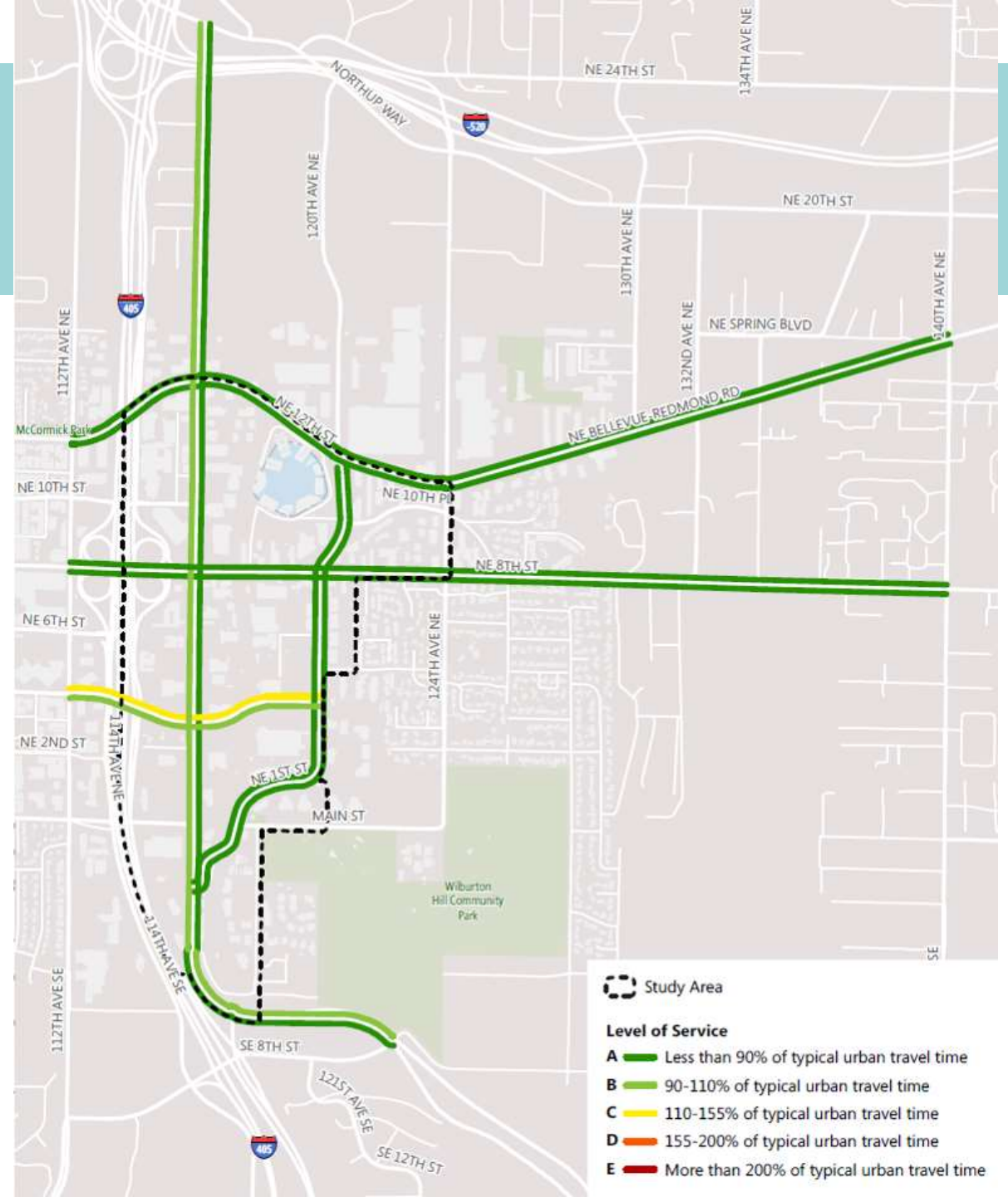
Vehicle LOS – Intersections

Level of Service	Average Intersection Control Delay
A	≤ 10
B	> 10 to 20
C	> 20 to 35
D	> 35 to 55
E	> 55 to 80
F	> 80



Vehicle LOS – Corridors

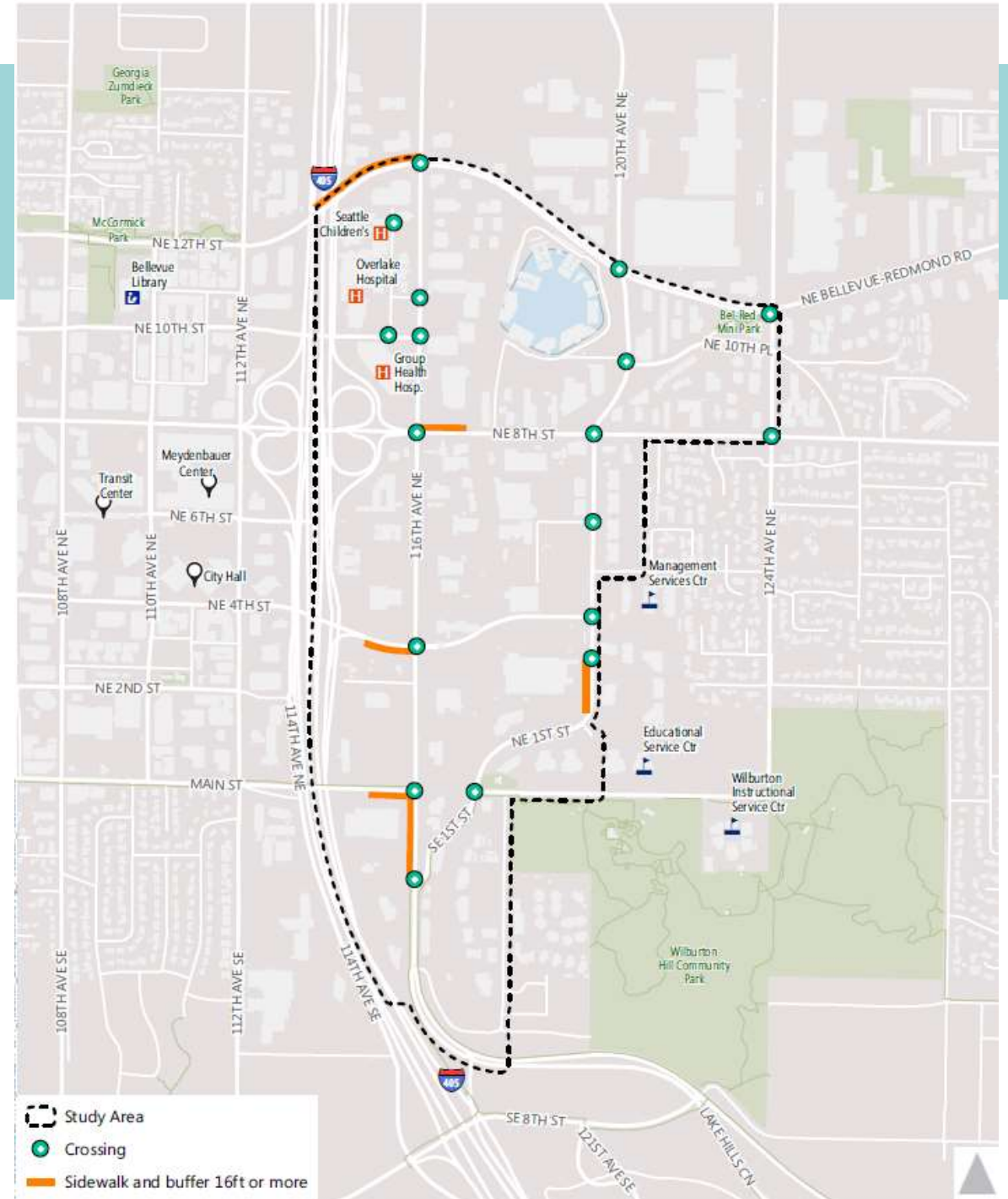
LOS	Percent of Typical Urban Travel Time on Corridors Based on 40% of the Posted Speed Limit
	Less than 90% of Typical Urban Travel Time
	90-110% of Typical Urban Travel Time
	110-155% of Typical Urban Travel Time
	155-200% of Typical Urban Travel Time
	More than 200% of Typical Urban Travel Time



Pedestrian LOS

PEDESTRIAN LOS

Context:	Downtown	Activity Center	Neighborhood Shopping Center	Pedestrian Destination	Elsewhere
Component					
Sidewalk Width Landscape Buffer	Downtown Land Use Code	16 feet	13 feet	13 feet	Transportation Design Manual
Signalized Intersection Design	Downtown Transportation Plan	Downtown Transportation Plan "Enhanced"	Transportation Design Manual	Transportation Design Manual	Transportation Design Manual
Arterial Crossing Frequency	Downtown Transportation Plan	600- 800 feet	600 feet	300-600	N/A



Bicycle LOS - Level of Traffic Stress

BICYCLE RIDER LTS/LOS

Roadway Characteristics		Bicycle Facility Components Guidelines to Achieve Intended Level of Service/Level of Traffic Stress					
Speed Limit (mph)	Arterial Traffic Volume*	No Marking	Sharrow Lane Marking	Striped Bike Lane	Buffered Bike Lane (Horizontal)	Protected Bike Lane (Vertical)	Physically Separated Bikeway
≤25	<3k	1	1	1	1	1	1
	3-7k	3	2	2	2	1	1
	≥7k	3	3	2	2	1	1
30	<15k	4	3	2	2	1	1
	15-25k	4	4	3	3	3	1
	≥25k	4	4	3	3	3	1
35	<25k	4	4	3	3	3	1
	≥25k	4	4	4	3	3	1
40	Any	4	4	4	4	3	1

BICYCLE RIDER

LEVEL OF TRAFFIC STRESS (LTS)

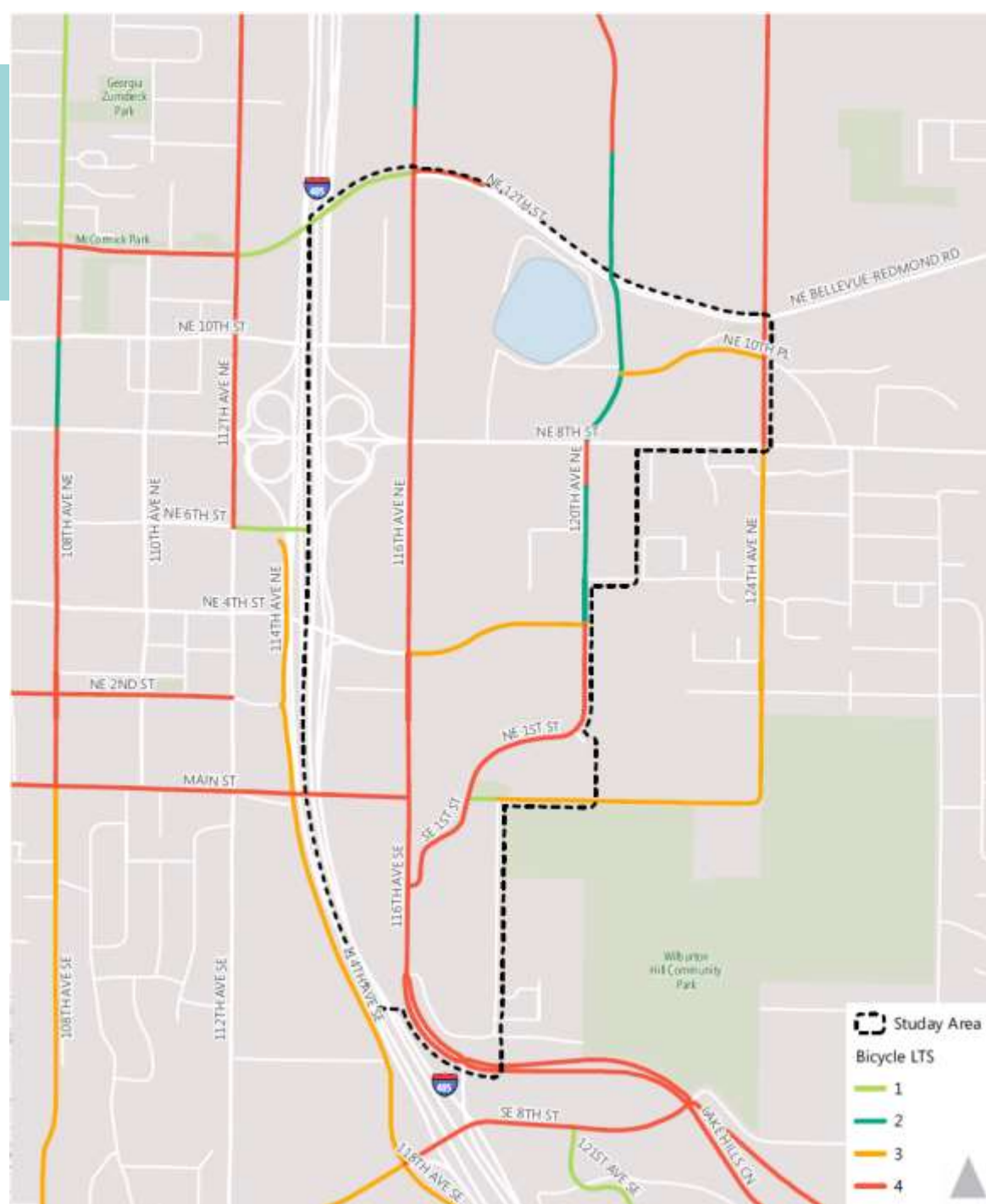
LTS 1	LTS 2	LTS 3	LTS 4
Interested but Concerned – Children and Older Adults	Interested but Concerned – Adults	Enthusied and Confident	Strong and Fearless

BICYCLE LOS INTERSECTION COMPONENTS

Intersection Treatment	Bike Signal	Street Crossing	Approach to Intersection	Approach to Intersection with Right Turn Lane
1	Bike signal	Green solid or skip stripe	Green bike box	Curb ramp to wide sidewalk
2	Bike signal	Skip stripe	Bike box	Green bike lane to left
3	Green cycle length	Sharrows	Signal actuation	Bike lane to left
Trail or Mid-Block Crossing	Full signal or HAWK or RRFB	Green solid or skip stripe	N/A	N/A



Bicycle LTS



Transit LOS

TRANSIT PASSENGER LOS COMPONENTS

Context	Local Stop	Primary Stop	Frequent Transit Network Stop
Component			
Weather Protection	Yes	Yes	Yes
Seating	Yes	Yes	Yes
Paved Bus Door Passenger Zone	15-30'	40'	60'
Wayfinding	Optional	Yes	Yes



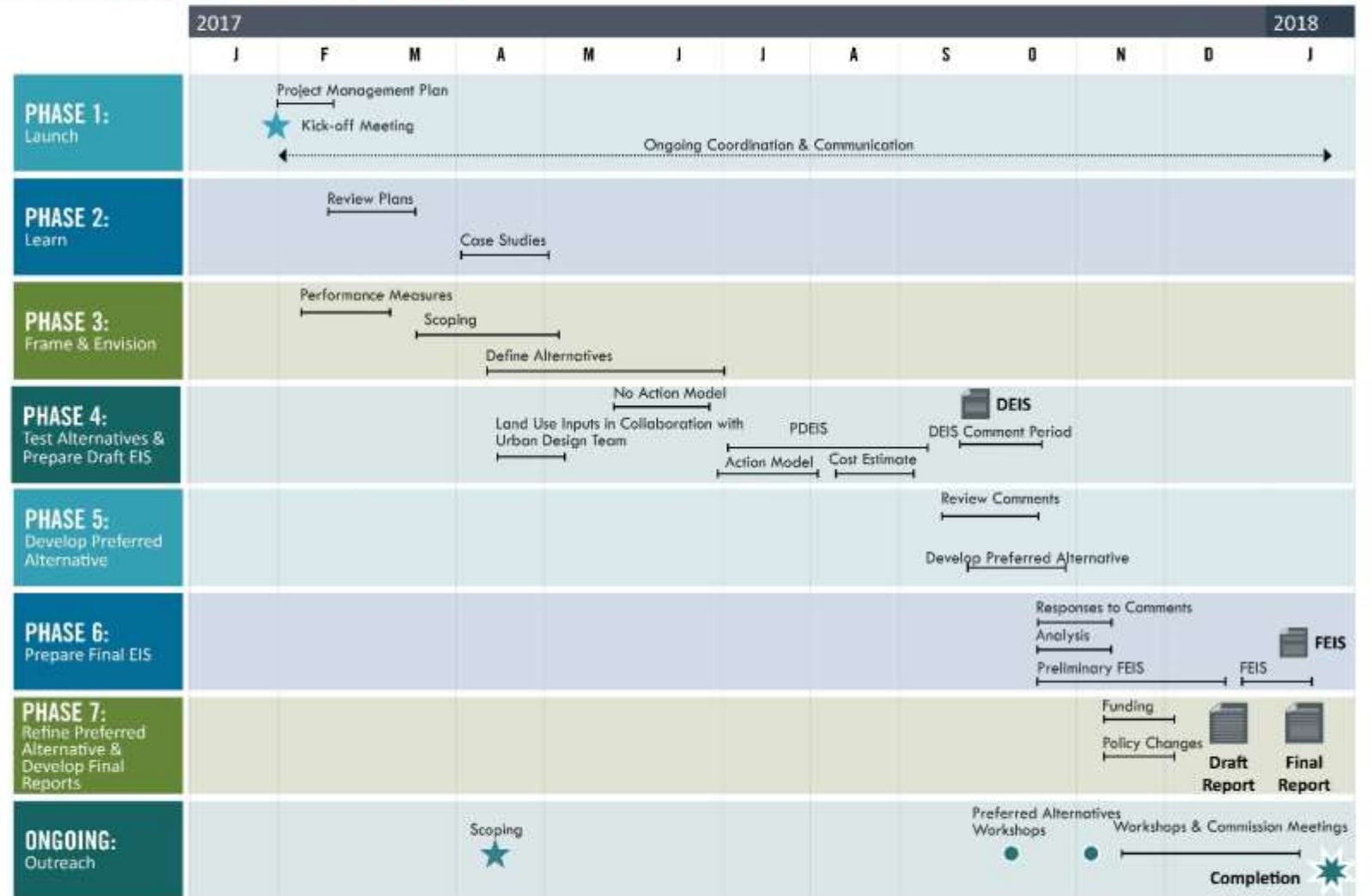
CAC Input – Performance Measures

- **Council Principles**
- **Vision Statement**
- **Parks and Open Space**
- **Character**
- **Continuity with:**
 - **Grand Connection**
 - **Eastside Rail Corridor**
- **What else?**



Schedule

PROJECT SCHEDULE



After the break.....

- **Parks and Open Space**
- **Urban Design**
 - **Building Typologies**
 - **Streetscapes**
- **Implementation**
- **Draft Environmental Impact Statement**
- **Assignment for the break.....**

