



# Downtown Transportation Plan Update

## Building Owners and Managers Association



December 8, 2011

### Presentation Outline

- Downtown Transportation Plan Update Summary
- Growth Forecast Update
- Technical Scope of Work
- Status of Projects in Downtown Subarea Plan
- **Scoping discussion with BOMA members**
- Timeline





# Plan Update Summary

## Update Transportation portion of Downtown Subarea Plan

- Extend planning horizon to 2030 from 2020
- Incorporate planning and project changes that have occurred since Plan adopted in 2004
- Identify existing and anticipated mobility issues
- Update projects and policies

Transportation Plan Update will be consistent with overall policy framework of the Downtown Subarea Plan



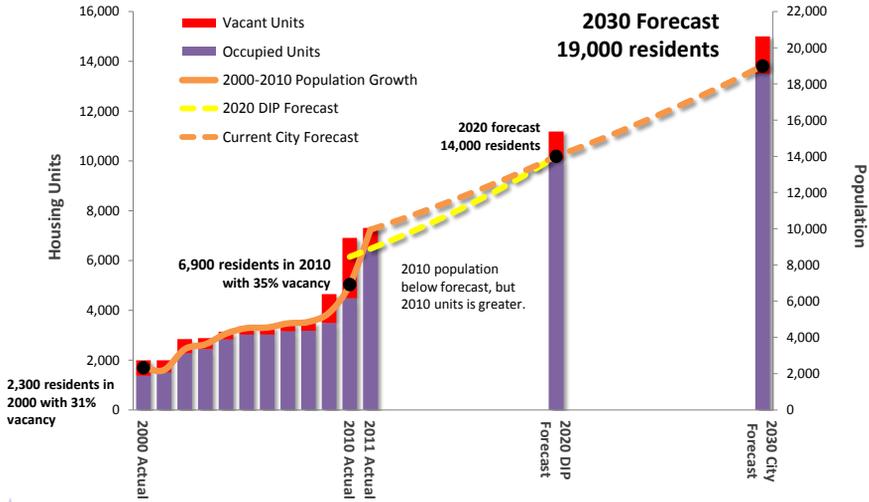
## Land Use Tracking

	2010 Actual	2010 Forecast	2010 Actual vs. 2010 Forecast
Jobs	42,525	48,521	Under (5,996)
Population	6,858	8,450	Under (1,592)
Housing Units	6,774	6,500	Over by 274
Office Sq Ft	8,900,000	9,850,000	Under (950,000)
Retail Sq Ft	4,500,000	4,350,000	Over by 150,000
Other Sq Ft	1,900,000	2,050,000	Under (150,000)

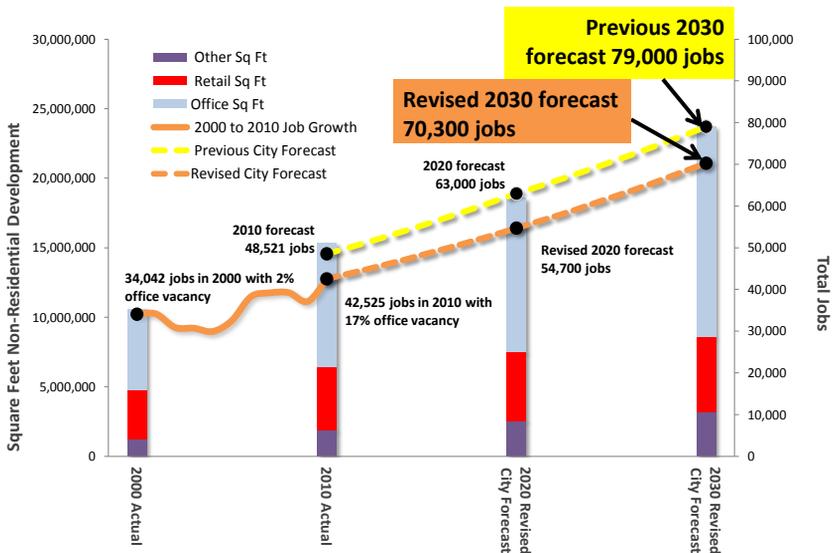


Land Use Forecast

# Downtown Population Forecast



# Downtown Employment Forecast



# Technical Scope of Work

- Best Practices
- Existing Conditions
- Roadways
- Transit
- Non-Motorized Transportation
- Implementation
- Final Report to Council



## Technical Scope of Work

### Best Practices

Best examples applied to Bellevue

Measures of effectiveness

- Qualitative and quantitative
- Level of service, travel time, urban character, accessibility

Transportation trends



## Technical Scope of Work

# Existing Conditions

- Traffic counts/volume trends
- Physical infrastructure
- Right-of-way allocation
- Operations and performance
- All travel modes



# Roadways

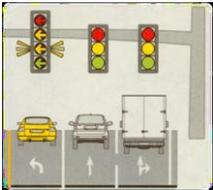
## Roadway Capacity

- Modifications and alternative approaches
- Potential new projects



## Roadway Operations

- Time of day analysis
- Signal system improvements (SCATS)



## On-Street Parking and Loading

- Permanent, off-peak

## Regional Roadways

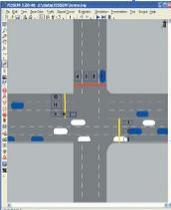
- Benefit to Downtown mobility

## Travel Demand Modeling

- 2030 Forecast for Downtown

## Traffic Operational Modeling

- Select Downtown corridors



# Transit

## Transit Routing

- Downtown coverage
- Transit Center operations and capacity

## Transit Service

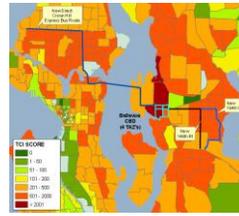
- Identify underserved markets

## Passenger Facilities

- Shelters, real time information

## Speed and reliability improvements

- Transit Signal Priority
- Transit/HOV lanes



Route	Destination	Schedule	At Bay	Depart Status
231	Kinggate P & R	1:28	18	On Time
232	REDFORD PLAY CENTER C.	1:28	6	On Time
233	Avondale	1:35	6	On Time
233	BELLEVUE	1:33	1	1 Min. Delay
234	BELLEVUE	1:31	1	On Time
234	REDFORD	1:31	1	On Time
234	Northshore P & R	1:05	10	On Time
234	Northshore P & R	1:35	0	On Time
240	Clyde Hill	12:59	10	On Time
240	Clyde Hill	1:29	0	On Time
240	South Westside P & R	1:00	3	1 Min. Delay

# Non-Motorized Transportation

## Pedestrian Facilities

- Safe, comfortable and accessible
- LRT Station/transit access
- Project recommendations – map and description, priority

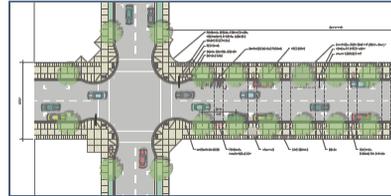
## Bicycle Facilities

- Safe, Downtown access, neighborhood connections, station access, parking
- Project recommendations – map and description, priority



# Implementation Strategies

- Long-term multimodal mobility
- Measures of effectiveness evaluation
- Sketches and cost estimates
- Phasing/Prioritization
  - Threshold metrics
- Funding
  - Grant opportunities
  - Multiple benefits



Technical Scope of Work

# Final Report to Council

Transportation Commission will transmit recommendations on projects and policies

Public involvement process

- Document events
- Highlight issues



Technical Scope of Work



# Transportation Projects

## Start with adopted projects

- Downtown Subarea Plan
- 2009 Pedestrian and Bicycle Transportation Plan
- Not starting from scratch
- Acknowledge progress made

## Keep, Modify, or Replace projects

- Plan for 2030



## Downtown Subarea Plan

# Transportation Projects

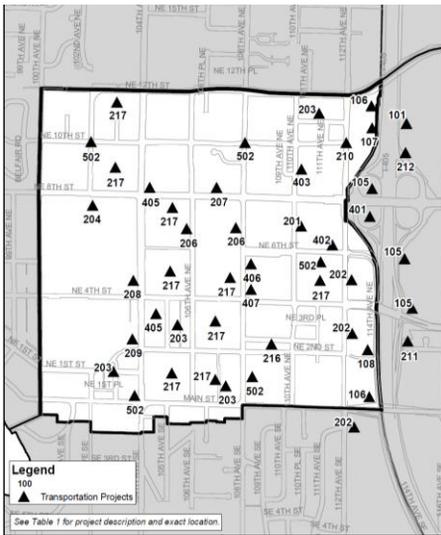


FIGURE B  
Downtown Transportation Map

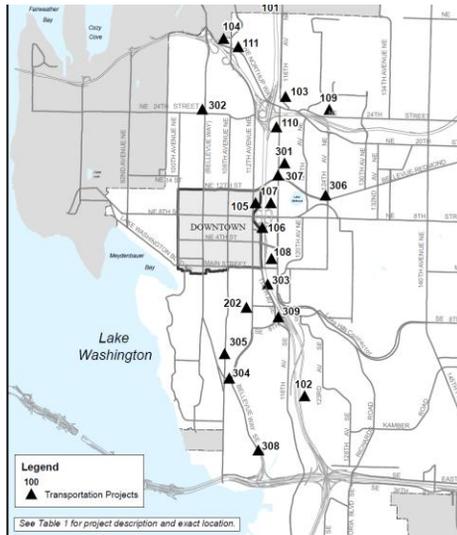
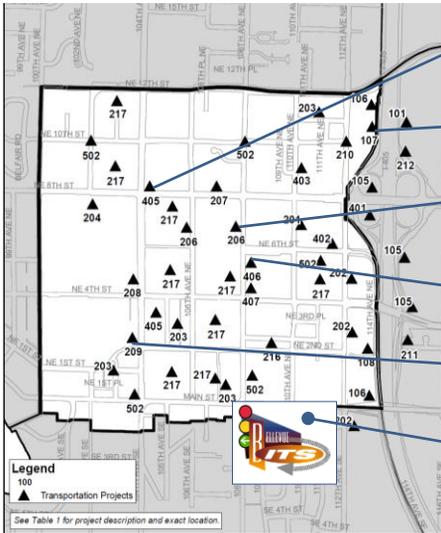


FIGURE C  
Outside Downtown Transportation Map



## Downtown Subarea Plan

# Transportation Projects Status



**NE 8<sup>th</sup> Street:** Add one westbound lane on NE 8th St between 105th NE and 108th NE (while preserving the large sequoia)

**NE 10<sup>th</sup> Street:** Extend NE 10th St from 112th NE across I-405 to 116th NE.

**106<sup>th</sup> & 108<sup>th</sup> Ave NE:** Implement a one-way couplet (106<sup>th</sup> NE nb and 108<sup>th</sup> NE sb) between Main St. and NE 12<sup>th</sup> St.

**NE 6<sup>th</sup> St between 108<sup>th</sup> Ave NE and 110<sup>th</sup> Ave NE:** Construct a new transit center.

**NE 2<sup>nd</sup> St / Bellevue Way:** Add new southbound left-turn lane on westbound NE 2<sup>nd</sup> Street.

**Intelligent Transportation System (ITS):** Downtown-wide implementation of SCATS – adaptive signal technology

**FIGURE B**  
Downtown Transportation Map

**Downtown Transportation Plan Update**

**Downtown Subarea Plan**

# Transportation Projects Status

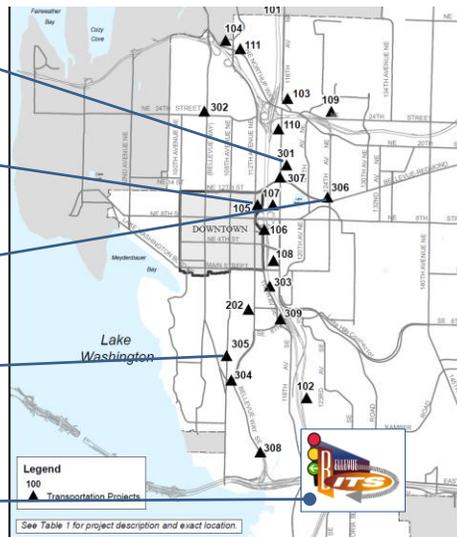
**116th Avenue NE from NE 12th Street to Northup Way:**  
Widen this section from 3 lanes to 5 lanes. COMPLETE to Children’s Hospital.

**I-405:**  
Add new I-405/SR-520 access at NE 10th via collector-distributor lanes from and to the north.

**124th Avenue NE at Bel-Red Road:**  
Provide northbound to westbound and southbound to eastbound left-turn lanes (as described in the Bel-Red Subarea Plan). Design being MODIFIED

**108th Avenue SE between Main Street and Bellevue Way:**  
Provide traffic control measures on 108<sup>th</sup> Avenue SE to discourage through traffic

**Intelligent Transportation System (ITS):**  
Phased City-wide implementation of SCATS along major corridors



**FIGURE C**  
Outside Downtown Transportation Map

**Downtown Transportation Plan Update**

**Downtown Subarea Plan**

# Public Involvement

## In-person

- Transportation Commission
- Open house
- Outreach to stakeholders
  - Business community
  - Residents
  - Nearby neighborhoods
- Field work
  - Walking audits
  - Bicycle tours

## Electronic

- Web site: <http://www.bellevuewa.gov/downtown-transportation-plan-update.htm>
- Questionnaire

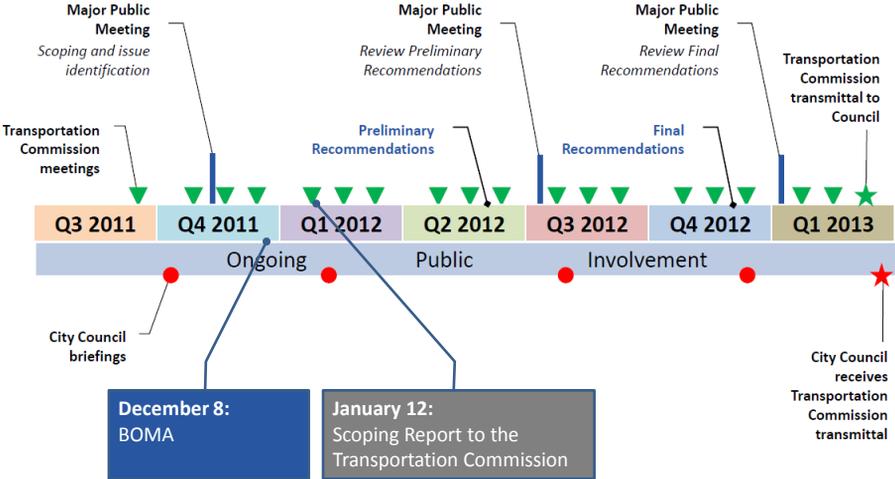


## Transportation Plan Update

Tell us: What are the important Downtown transportation issues facing Bellevue?



# Plan Update Timeline



 **Downtown** Transportation Plan Update

Thank you!

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 **Downtown** Transportation Plan Update