



Freight Master Plan

Advisory Committee Meeting
September 15, 2015

Overview

- City Council Transportation Committee recap
- Public outreach
 - Open houses
 - Other events
- Design guidelines
- Draft prioritization criteria



Transportation Committee recap

- Understanding how and where goods are being moved through the city
- Prioritizing freight movement on designated freight routes
- Sharing ROW with transit
- Off-hours delivery and how to incentivize
- Challenges with parking/storage of trucks
- Design guidelines to minimize conflict and improve safety with other modes

Public outreach

- Two open houses
 - ✓ Policy framework
 - ✓ Truck flow map
 - ✓ Designation criteria
 - ✓ Draft freight network
 - ✓ Performance measures
- District councils, FAB, BINMIC, Duwamish MIC, and others by request

SEATTLE FREIGHT MASTER PLAN OPEN HOUSE

The Seattle Department of Transportation (SDOT) is preparing a Freight Master Plan, the 20-year blueprint to guide freight mobility investments and improvements throughout the city. Join us at one of our two open houses to:

- Learn why the City is developing a Freight Master Plan
- Review the updated draft freight network and issues related to freight mobility
- Share your thoughts on the updated draft freight network map
- Find out how you can stay involved as we move forward with the plan



BALLARD: Monday, September 28
5:30 to 7:30 PM

Ballard Branch Seattle Public Library
Library Meeting Room
5614 22nd Ave NW

GEORGETOWN: Tuesday, October 6
5:30 to 7:30 PM

South Seattle College Georgetown Campus
Building C, Room C110-111
6737 Corson Ave S



Si necesita traducir esta información al español, llame al (206) 733-9029.

如果您需要此信息翻译成中文，请致电 (206) 733-9029。

Nếu quý vị cần thông tin này chuyển ngữ sang tiếng Việt, xin gọi (206) 733-9029.

Odeeffannoon kun akka siif (206) 733-9029.

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Odeeffannoon kun akka isinii hiikamu yoo barbbaaddan, maaloo lakk bilbilaa (206) 733-9029 tiin bilbilaa.

FOR MORE INFORMATION

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www.seattle.gov/transportation/freight_fmp.htm



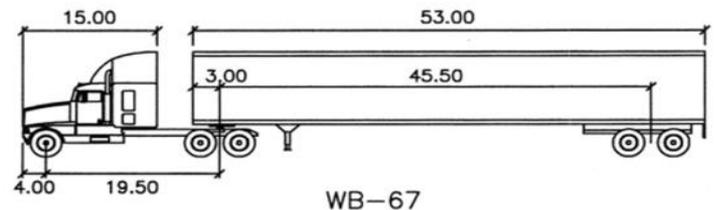
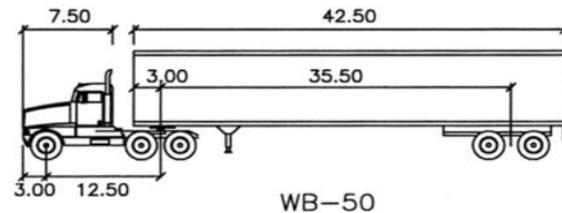
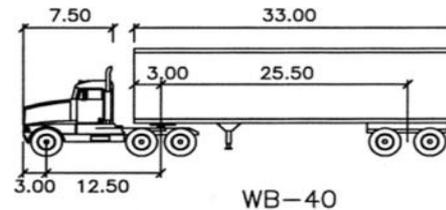
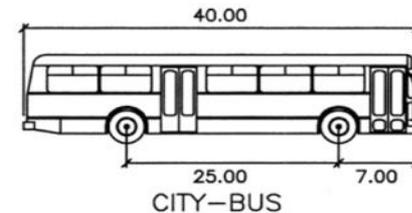
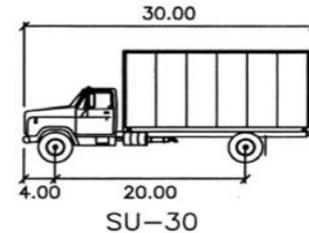
Purpose of truck design guidelines

- Provide guidance on designated truck streets
- Address safety and mobility for all users



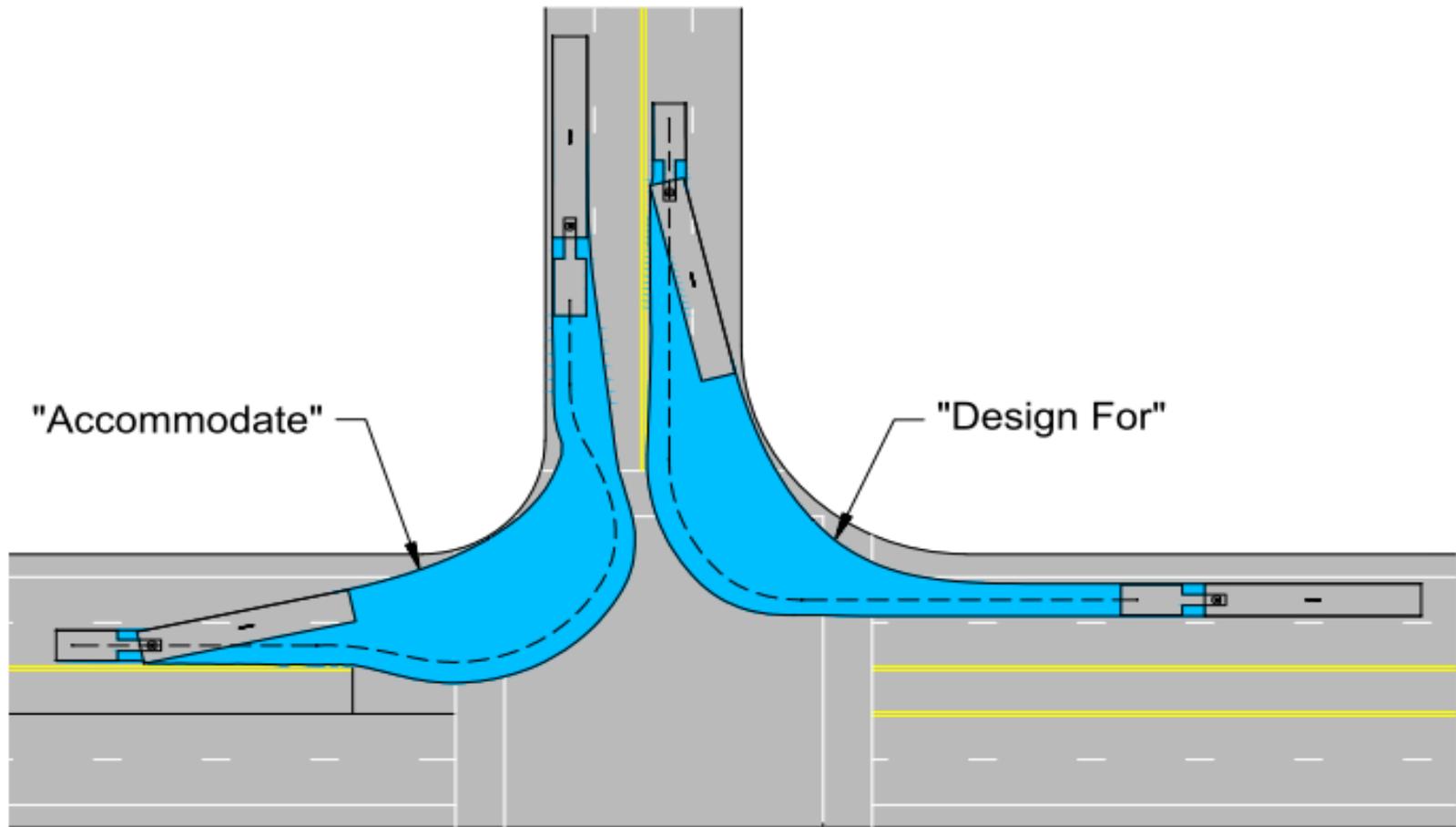
Considerations for truck design guidelines

- Truck type
- Design for vs. accommodate
- Intersection geometrics
- Compound curves
- Additional freight design considerations
- Modal overlap treatments



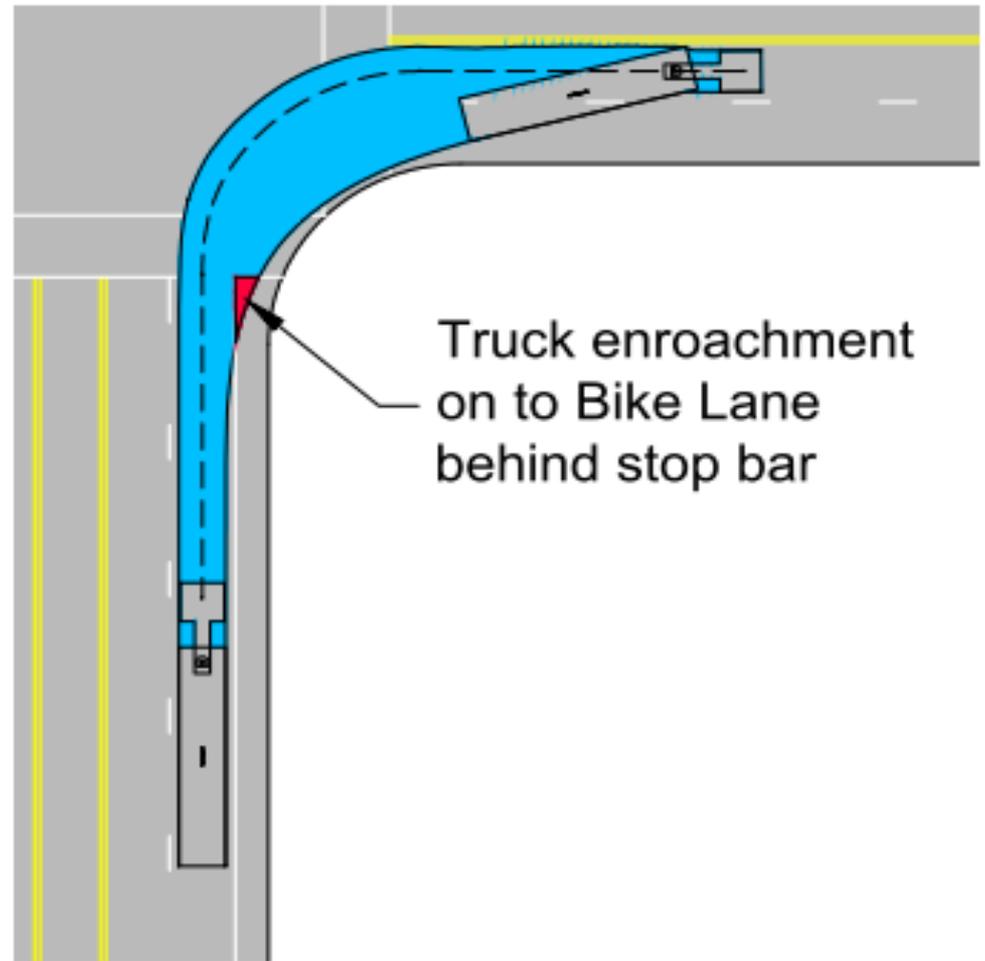
Typical Design Vehicles

Design for vs. accommodate



Intersection geometrics

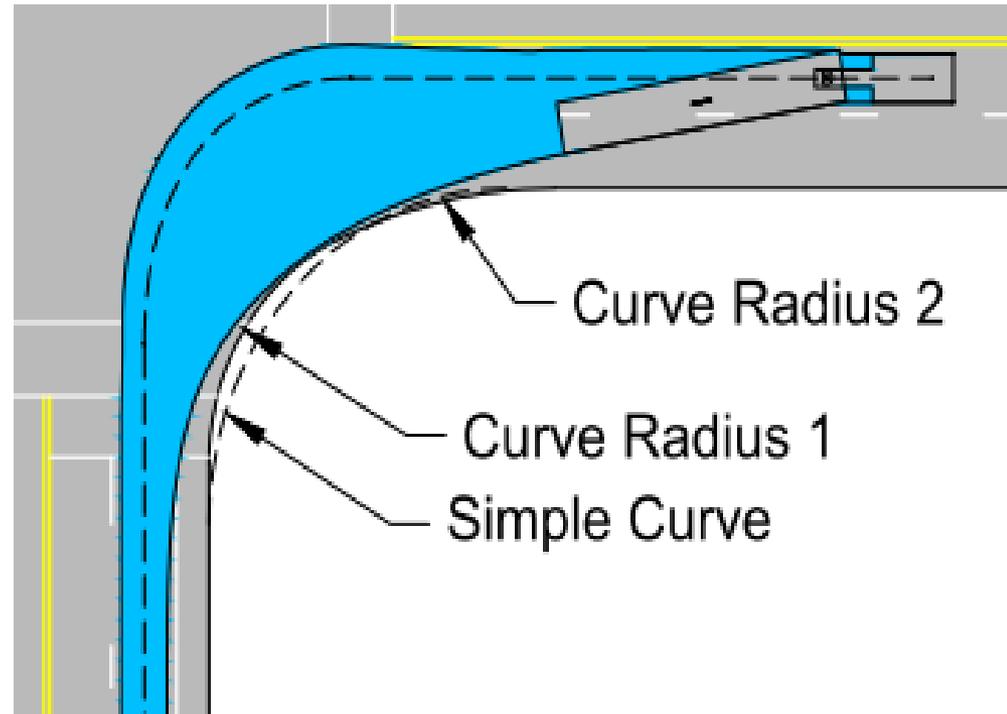
- Intersection design represents challenges
 - Vehicle off-tracking
 - Bigger corner radius
 - Impacts other users



Compound curves

Multi-centered

- 2-3 curves
- Full sweep path
- Tighter radius corners



Two-Centered Curve Example

Additional freight design considerations

- Curb side clearance



- Signage



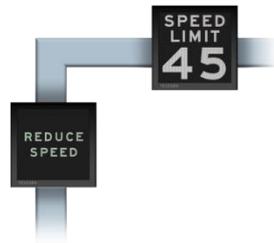
- Street trees



- Transit



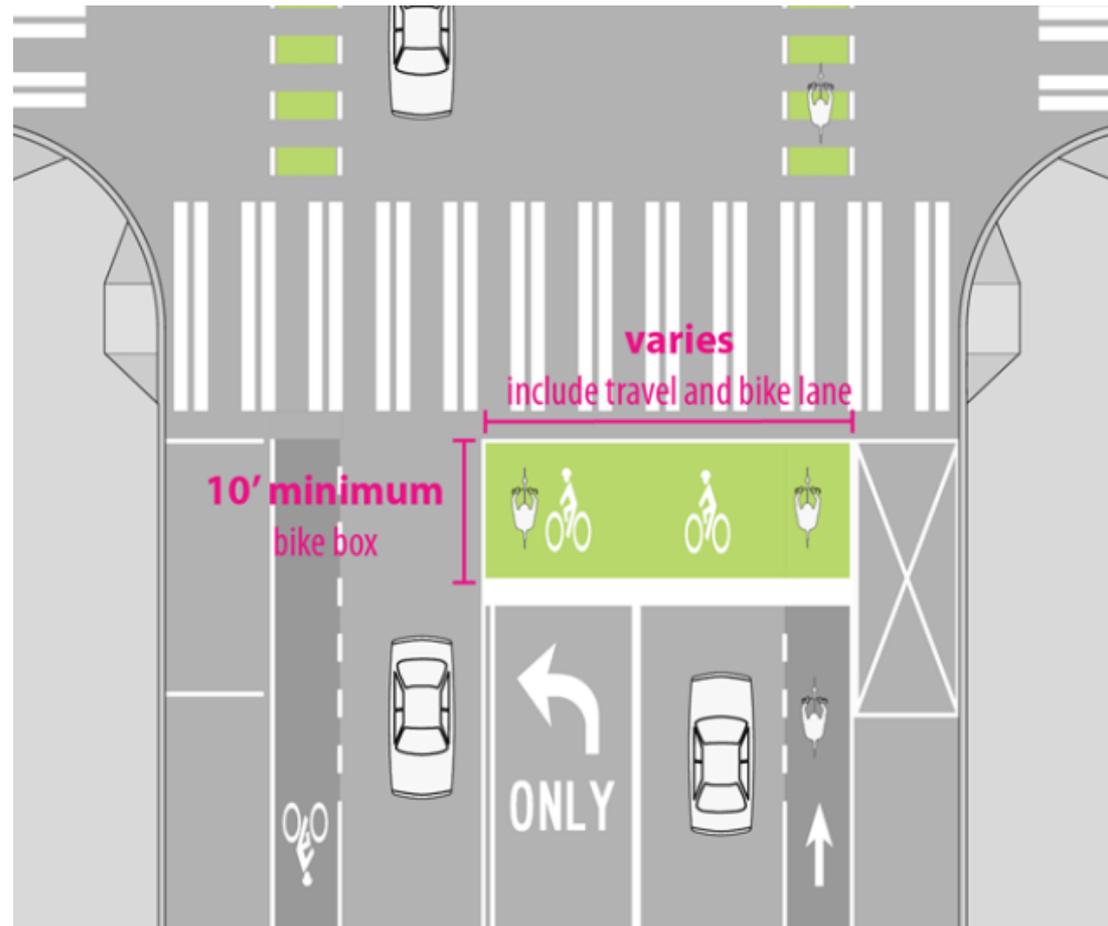
- Route information



Intersection treatments for freight and bicycle modal overlap

Issue: right turn conflicts

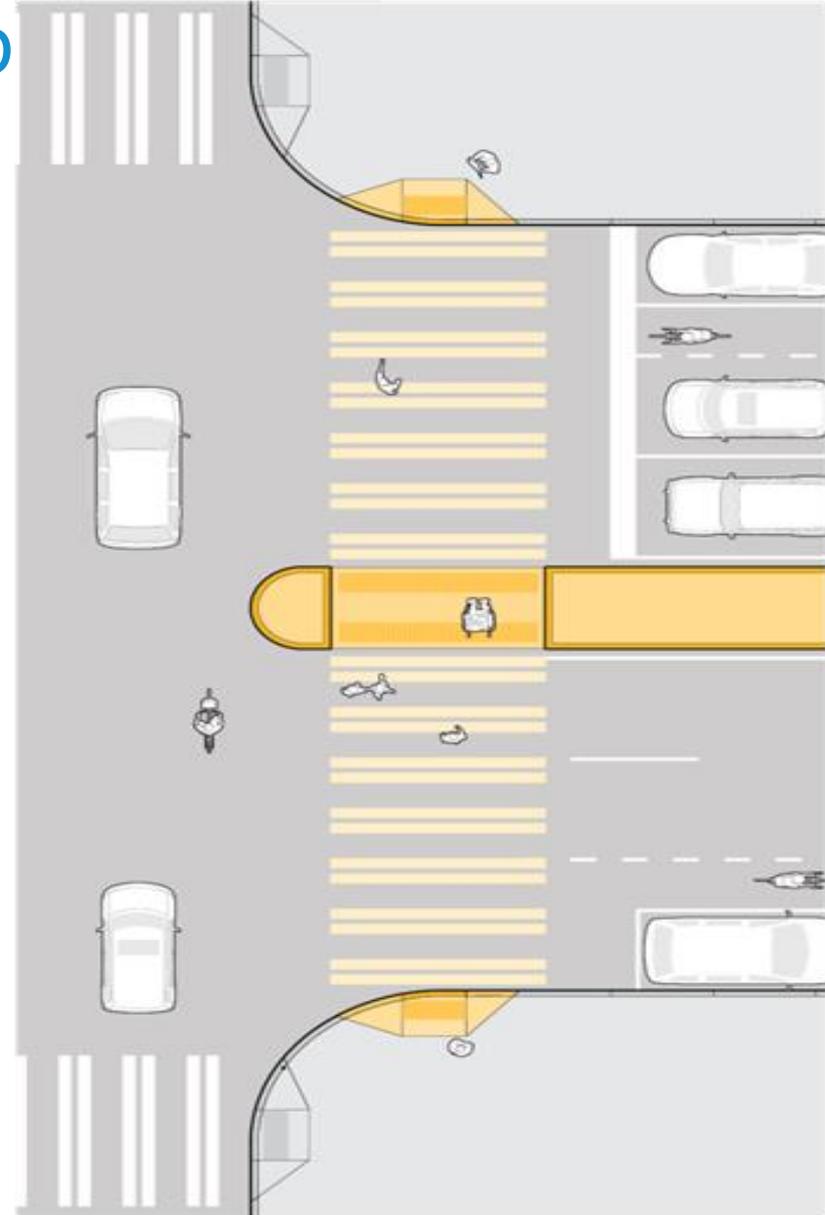
- Separate stop bar
- Bike boxes
- Multi-use paths
- Exclusive phase bike signals
- Truck aprons
- Longer mixing zone



Intersection treatments for freight and pedestrian modal overlap

Issue: long crossing distance

- Median refuge island
- Setback stop line
- Curbed right turn island
- Setback crosswalk (visibility)



Prioritization criteria

- Tie to plan goals
- Used to direct investments



Draft prioritization criteria

Category	Goal	Potential factors
Safety	Improve safety and the predictable movement of goods and people.	<ul style="list-style-type: none">• Truck collision rates• Truck collision location and severity
Mobility	Reliably connect manufacturing/industrial centers and business districts with the local, state, and international freight networks	<ul style="list-style-type: none">• AM peak congestion levels• Performance management (ITS)
Economy	Provide a freight network that supports a growing economy for Seattle and the region	<ul style="list-style-type: none">• Daily volume of trucks
State of Good Repair	Maintain and improve the freight transportation network to ensure safe and efficient operations.	<ul style="list-style-type: none">• System constraints<ul style="list-style-type: none">◦ Weight and height restrictions◦ At grade RR crossing• Pavement condition index (PCI)• Cost
Equity	Benefit residents and businesses of Seattle through equity in freight investments and improve the health of communities impacted by freight movement	<ul style="list-style-type: none">• Investment in freight generating area
Environment	Improve freight operations in Seattle and the region by making goods movement more efficient and reducing its environmental footprint	<ul style="list-style-type: none">• Reduce severe bottleneck• Communities highly impacted by freight emissions• Pave unpaved street

Questions?

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http://www.seattle.gov/transportation/freight_fmp.htm

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