Plan purpose

Develop a citywide freight plan

- Vision and Goals
- Analysis of existing and future conditions
- Update freight network
- Design guidelines
- Projects
- Programs
- Prioritization framework
- Performance measures
Existing conditions

- 2014 First truck flow map
- City of Seattle: 620 count locations
- Other input from WSDOT, KC Metro
Future conditions

- 2035 Truck flow map
- Create districts for analysis
- Employment industries: Retail, Wholesale and Manufacturing
- Develop Growth factors and apply to districts
Draft freight network designation

Tiered system criteria

- Land use
- Trip purpose
- Roadway Classification
- Truck Volumes
- Physical Roadway Characteristics
- Connectivity
## Draft Freight Network Designation

### Limited Access
- **Purpose:** Long distance trips
- **Land use:** Connections between the city and the rest of the region
- **Roadway classification:** Highway
- **Truck volumes:** All

### Major Truck Street
- **Purpose:** Through trips
- **Land use:** Connections to MICs, intermodal facilities, Urban Centers, and the regional system
- **Roadway classification:** Minor arterial or higher
- **Truck volumes:** 500+ trucks per day

### Minor Truck Street
- **Purpose:** To/From trips
- **Land use:** Connections to and from urban villages and commercial districts, provides secondary connections to major truck streets
- **Roadway classification:** Collector arterial or higher
- **Truck volumes:** 500+ trucks per day

### First/Last Mile Connectors
- **Purpose:** Industrial trips
- **Land use:** Connections within the Manufacturing and Industrial Centers (MICs)
- **Roadway classification:** Minor arterial or lower, including non-arterial streets
- **Truck volumes:** 250+ trucks per day
Purpose of truck design guidelines

• Outlines basic design considerations for SDOT to accommodate freight

• Improve safety and mobility for all users

• Focused on truck street designations
Considerations for truck design guidelines

• Truck type, size, volumes
• Design for vs. accommodate
• Modal overlap
• Additional information and detail in the Right-of-Way Improvements Manual (under development)
New freight project concepts

- Perform bottleneck and truck collision analysis
- Map freight projects from previous planning efforts (Move Seattle, Large Capital, FAP, etc.)
- Identify locations without freight improvements
- Recommended ideas/solutions to improve safety and mobility
- FMP Draft includes 55 freight projects
Project prioritization

• Determine what projects to build and investments to make in the short, medium and long term

• Rank projects based on quantitative and qualitative factors
Strategies and actions

- Based on plan goals
- Will inform FMP implementation
- Strategies guide us on how to achieve progress toward realizing the plan goals
- Actions are specific tasks for implementation

Example Strategies

Economy
- Develop an Urban Goods Delivery Strategy

Safety
- Develop a comprehensive freight education program
- Explore programs to install truck side guards on city truck fleet

Mobility
- Expand the city’s freight data collection program
- Provide tools to help the freight community navigate the city

State of Good Repair
- Address maintenance and rehabilitation needs on the freight network

Equity and Environment
- Work with communities impacted by goods movement
  - Address freight impacts on incompatible land uses through integrated planning and implementation of small-scale projects
## Status and next steps

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