

## Appendix 7

# Intermodal Connectors on the National Highway System (NHS)

Intermodal connectors on the NHS are roads between major highways and major intermodal freight and passenger facilities. The designation of connectors is based on quantitative criteria established by the Federal Highway Administration in 1995 (see below for freight facilities). Connectors also may be included on the NHS on the basis of secondary criteria. The maps on the following pages show NHS connectors to major freight facilities in Astoria, Boardman, Coos Bay, Eugene, North Bend, and Portland.

### Primary Criteria

#### Commercial Aviation Airports

- 100 trucks per day in each direction on the principal connecting route, or 100,000 tons per year arriving or departing by highway access mode.

#### Ports

- Terminals that handle more than 50,000 TEU.S. (20-foot equivalent units) per year, or whatever units measured that would convert to more than 100 trucks per day in each direction.\*
- Bulk commodity terminals that handle more than 500,000 tons per year by highway or 100 trucks per day in each direction on the principal connecting route (if there is no individual terminal that handles this amount of freight but a cluster of terminals in close proximity to each other that does, then the cluster of terminals can be considered as meeting the criterion).

#### Truck-Rail

- Freight: 50,000 TEU.S. per year or 100 trucks per day in each direction on the principal connecting route, or whatever units measured that would convert to more than 100 trucks per day in each direction.\*

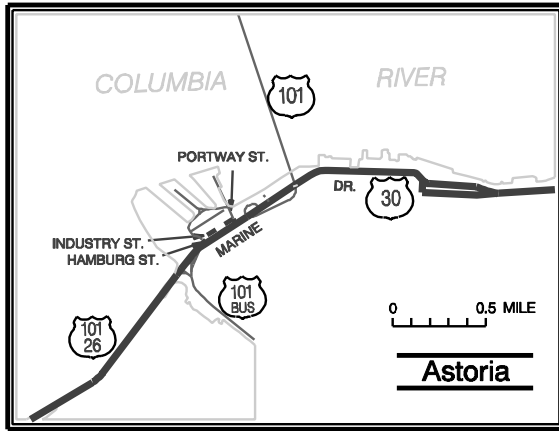
#### Pipelines

- Freight: 100 trucks per day in each direction on the principal connecting route.

### Secondary Criteria

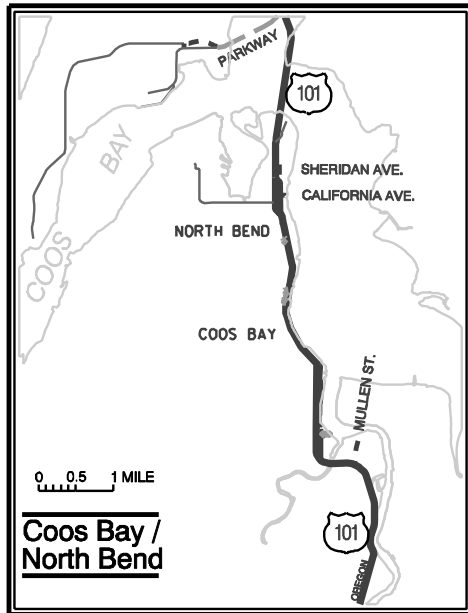
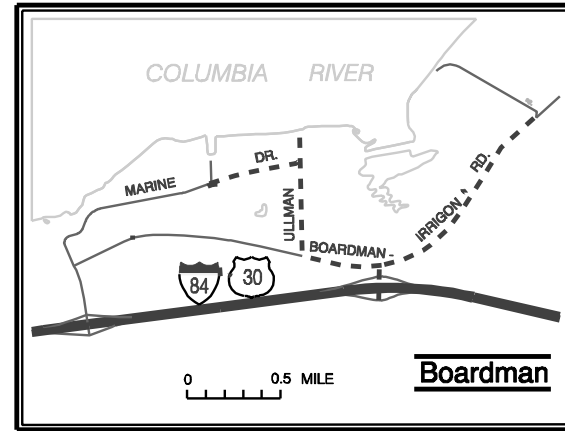
- Intermodal terminals that handle more than 20 percent of passenger or freight volumes by mode within a state and which have significant highway interface, or
- Intermodal terminals identified by either the Intermodal Management System or the State/metropolitan transportation plans as major facilities and are targeted by the State/MPO for major investments to address an existing deficiency on a connecting route or an anticipated deficiency as a result of a significant expansion of traffic.

Source: U.S. Department of Transportation, "Guidelines and Criteria for Identifying National Highway System Connections to Major Intermodal Terminals," 1995.

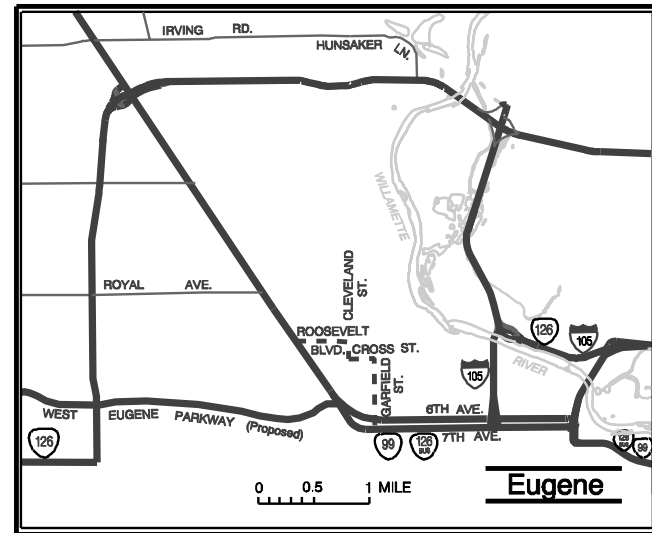


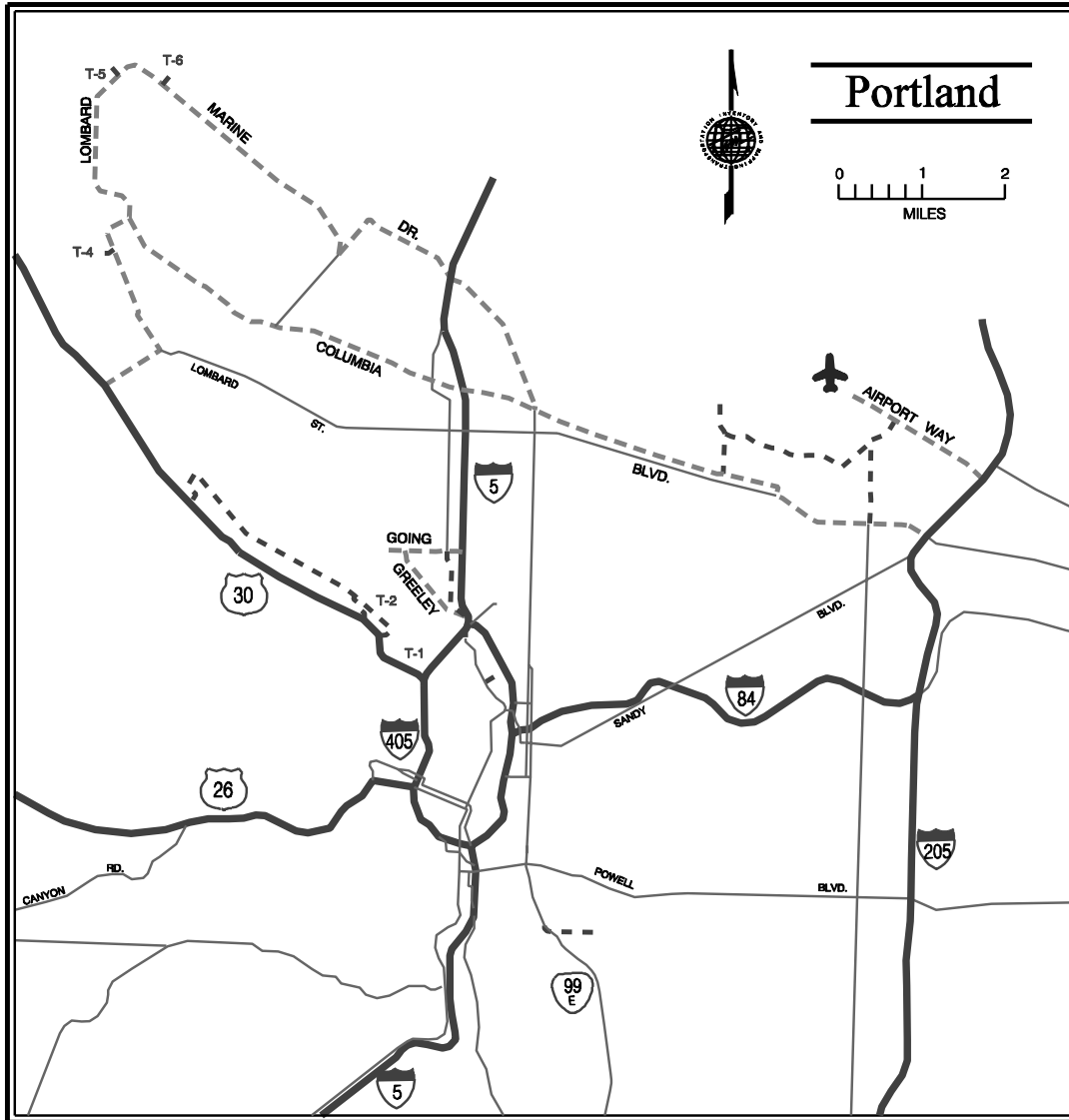
### MAJOR FREIGHT ROUTES AND INTERMODAL CONNECTORS\*

\* Connector routes are shown for "major" intermodal freight facilities as defined by the Federal Highway Administration.



- MAJOR NHS ROUTE
- INTERMODAL CONNECTOR ROUTE
- - - NHS Connector
- - - Existing NHS Route
- OTHER ROUTES





# Portland



## MAJOR FREIGHT ROUTES AND INTERMODAL CONNECTORS\*

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- MAJOR NHS ROUTE**
- INTERMODAL CONNECTOR ROUTE**
- NHS Connector
- .-.- Existing NHS Route
- OTHER ROUTES