

# PORTLAND PLAN

## Infrastructure Condition and Capacity

MAPS: TRANSPORTATION AND WATER



PORTLAND PLAN BACKGROUND REPORT  
FALL 2009

**PLANNING AND SUSTAINABILITY COMMISSION  
RECOMMENDED DRAFT  
DECEMBER 14, 2010**



City of Portland Bureau of  
**Planning and Sustainability**  
Sam Adams, Mayor | Susan Anderson, Director

# Acknowledgments

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# Infrastructure Condition and Capacity



PROSPERITY AND BUSINESS SUCCESS



SUSTAINABILITY AND THE NATURAL ENVIRONMENT



DESIGN, PLANNING AND PUBLIC SPACES



NEIGHBORHOODS & HOUSING



TRANSPORTATION, TECHNOLOGY AND ACCESS



EDUCATION AND SKILL DEVELOPMENT



HUMAN HEALTH, FOOD AND PUBLIC SAFETY



QUALITY OF LIFE, CIVIC ENGAGEMENT AND EQUITY



ARTS, CULTURE AND INNOVATION

## PORTLAND PLAN



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**Planning and Sustainability**  
Sam Adams, Mayor | Susan Anderson, Director

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## INFRASTRUCTURE CONDITION AND CAPACITY MAPS

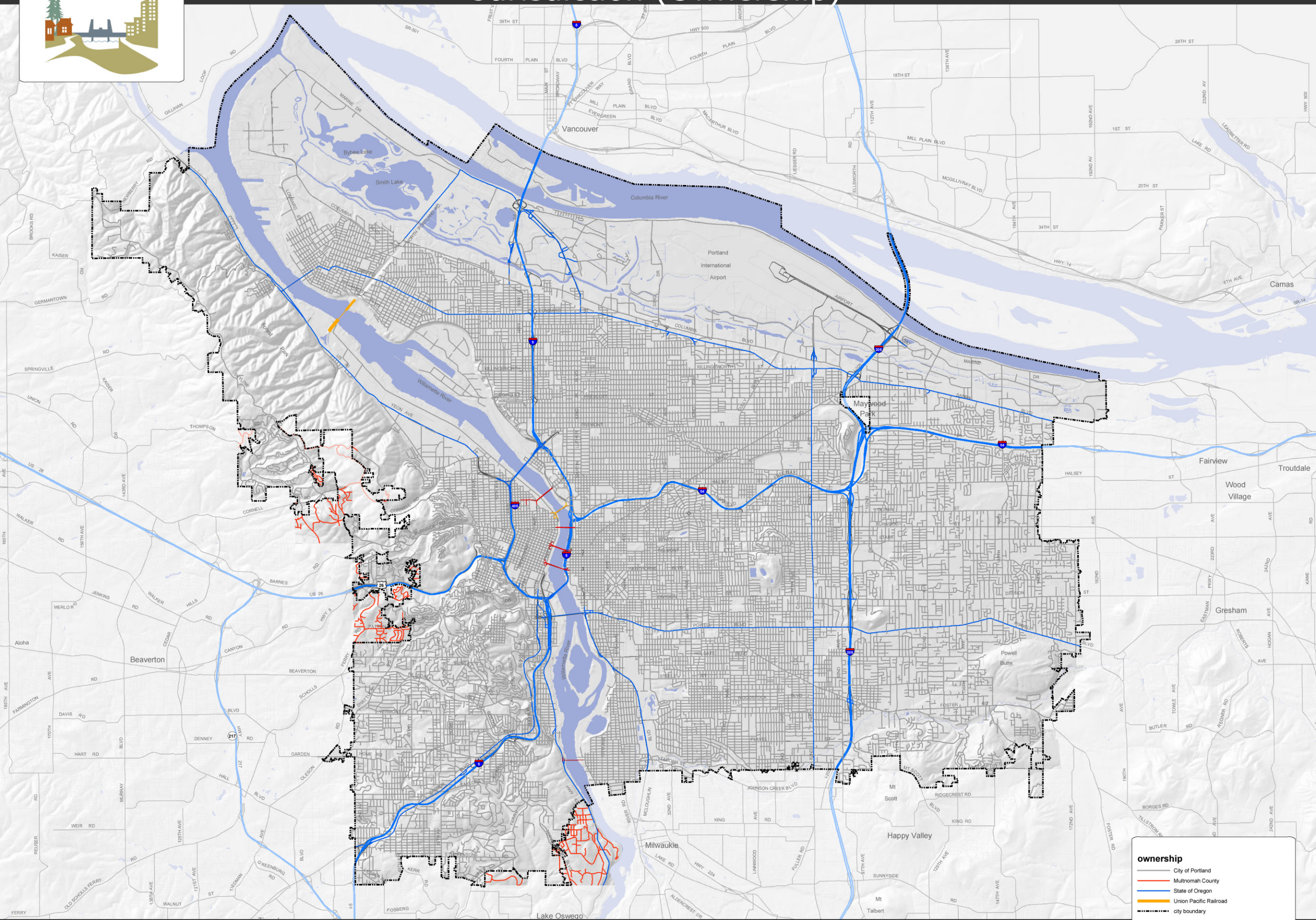
### Transportation

- Map 3.1 Right of Way and Route Jurisdiction (Ownership)
- Map 3.2 Right of Way and Route Jurisdiction (Maintenance)
- Map 3.3 Improved & Unimproved Streets
- Map 3.4 Traffic Classifications
- Map 3.5 Emergency Classifications
- Map 3.6 Priority Pavement Projects
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### Water

- Map 4.1 Portland Water Bureau System Inventory

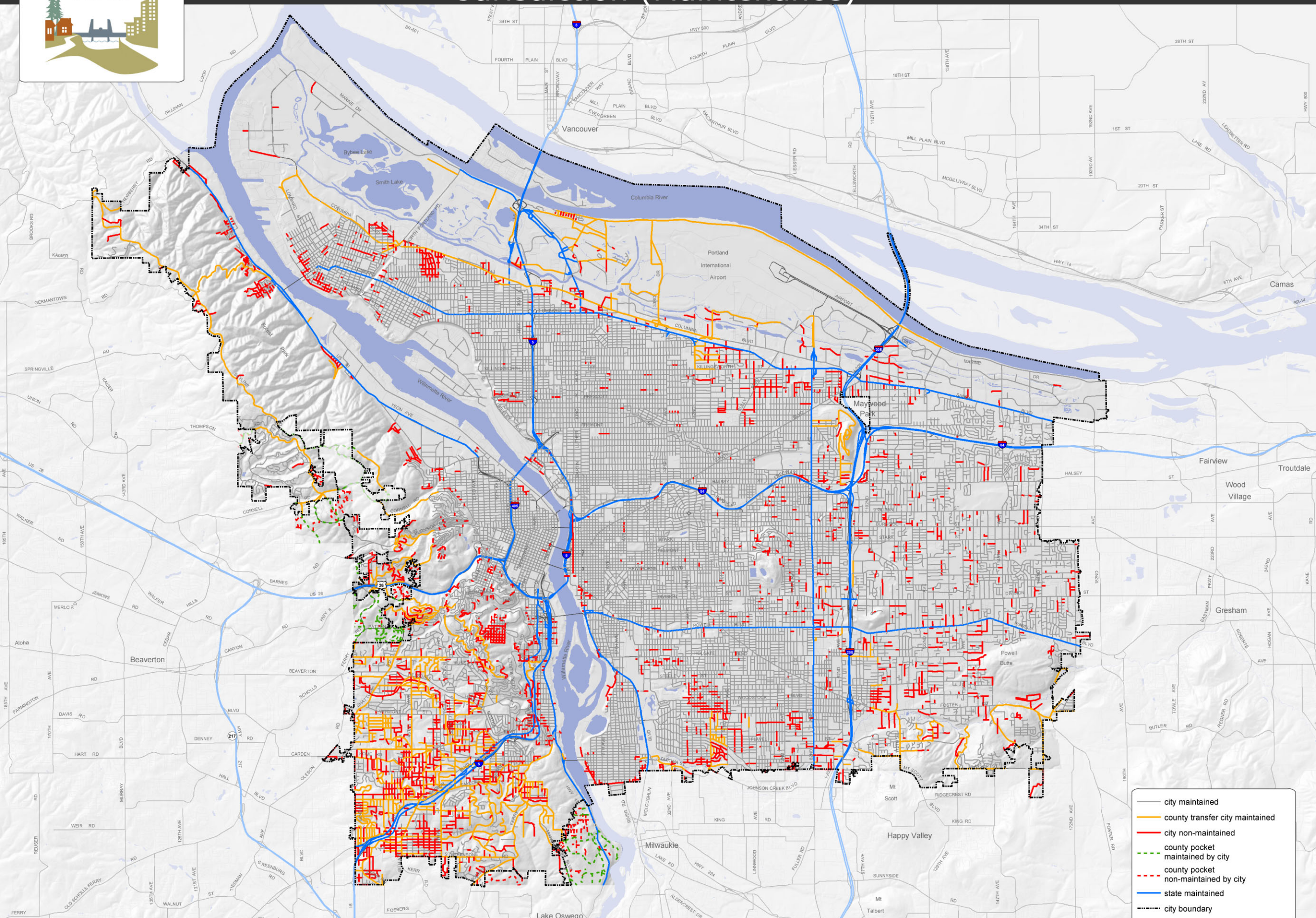




**ownership**

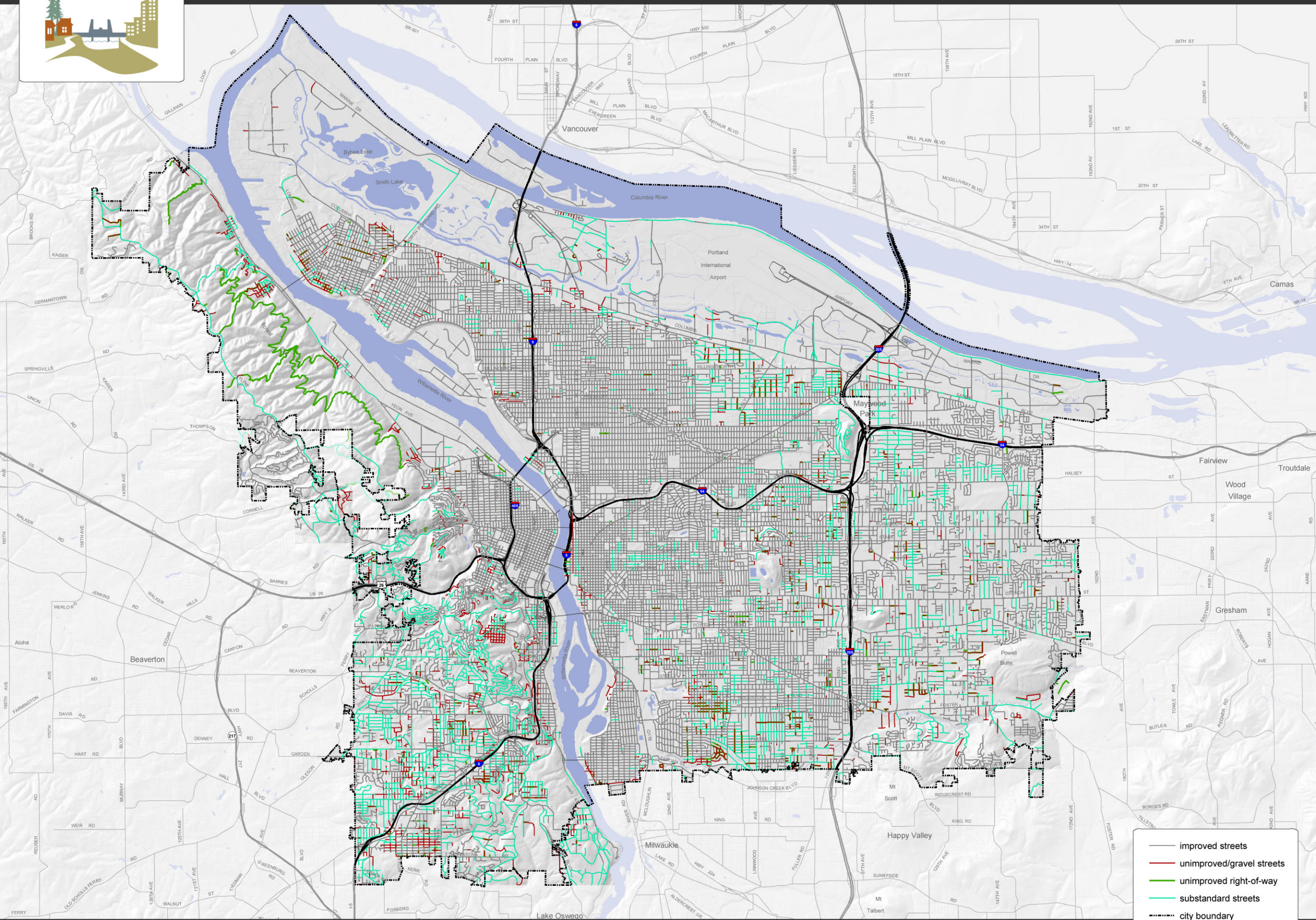
- City of Portland
- Multnomah County
- State of Oregon
- Union Pacific Railroad
- city boundary

street jurisdiction ownership: maintained by City of Portland, Bureau of Transportation. June 2009



- city maintained
- county transfer city maintained
- city non-maintained
- - - county pocket maintained by city
- - - county pocket non-maintained by city
- state maintained
- - - city boundary

street jurisdiction:  
maintained by City of Portland, Bureau of  
Transportation. June 2009

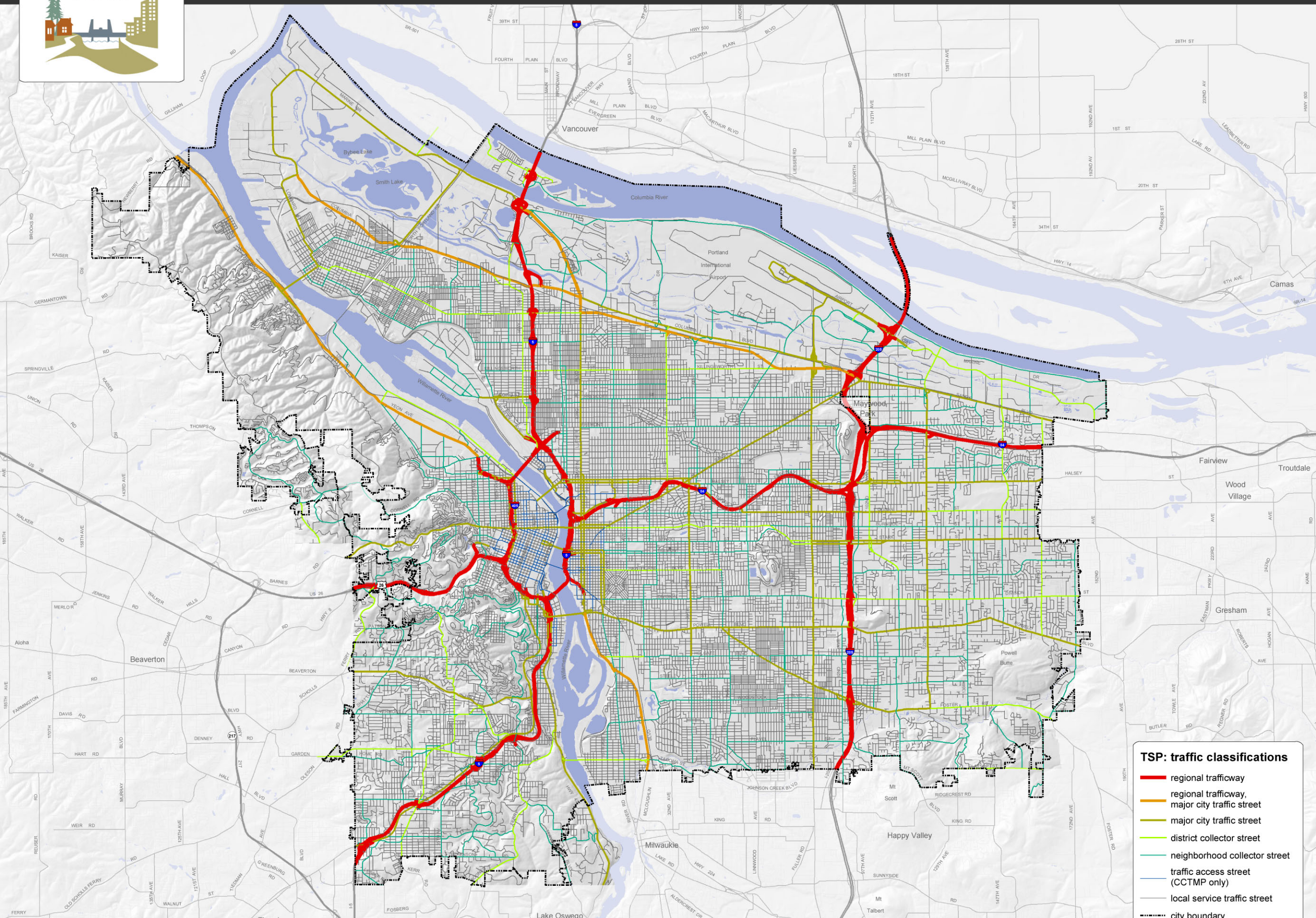


— improved streets  
— unimproved/gravel streets  
— unimproved right-of-way  
— substandard streets  
 city boundary

pavement data:  
 maintained by Bureau of Transportation  
 (June 2009)

June 2, 2009 **City of Portland | Bureau of Planning and Sustainability | Geographic Information System**  
 The information on the map was derived from digital data-bases on the City of Portland, Bureau of Planning and Sustainability GIS. Care was taken in the creation of this map but it is provided "as is". The City of Portland cannot accept any responsibility for error, omissions, or positional accuracy, and therefore, there are no warranties which accompany this product. However, notification of any errors will be appreciated.





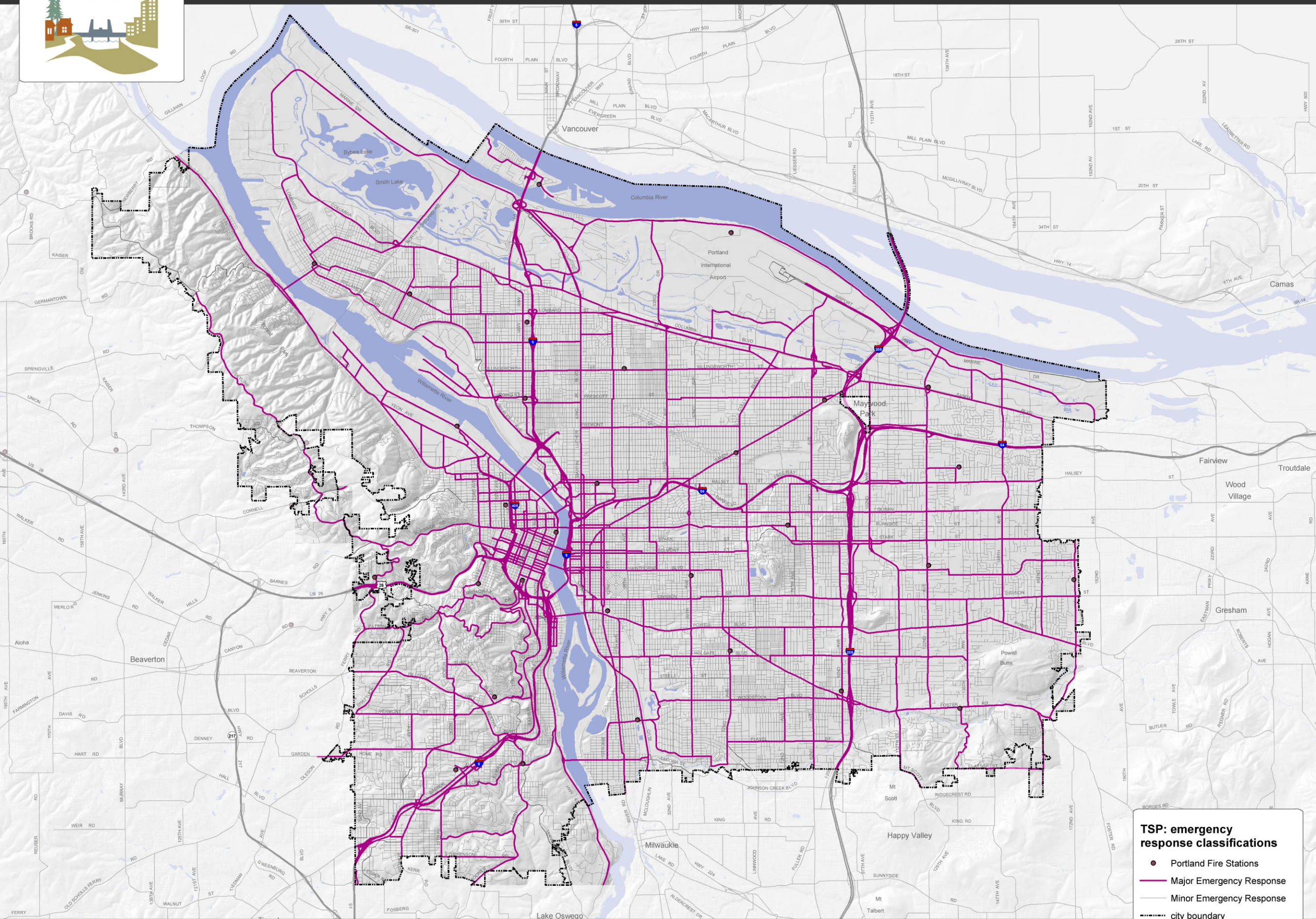
**TSP: traffic classifications**

- regional trafficway
- regional trafficway, major city traffic street
- major city traffic street
- district collector street
- neighborhood collector street
- traffic access street (CCTMP only)
- local service traffic street
- city boundary

transportation system plan developed and maintained by PBOT, adopted 2007, (current as of June 2009).





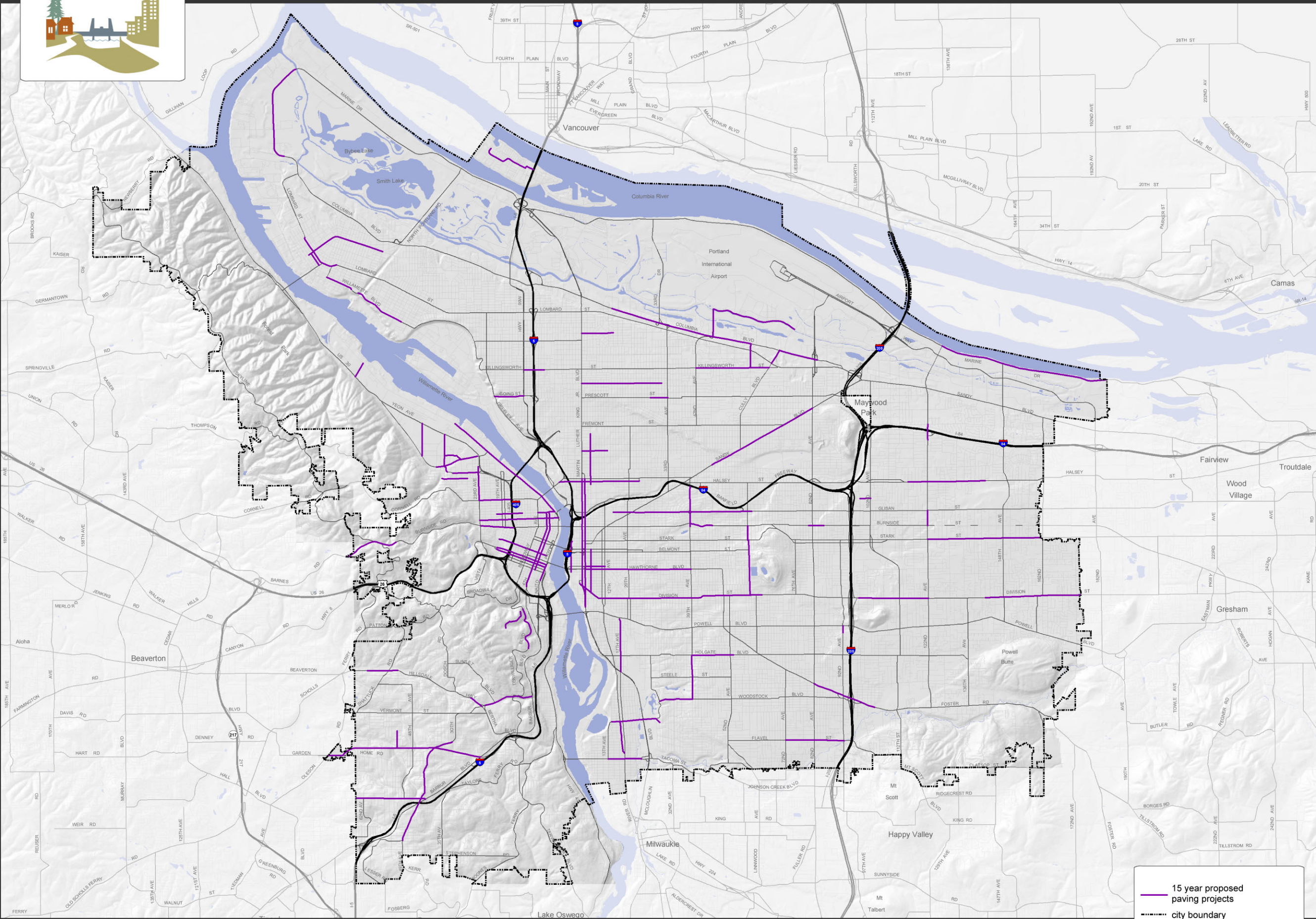




**TSP: emergency response classifications**

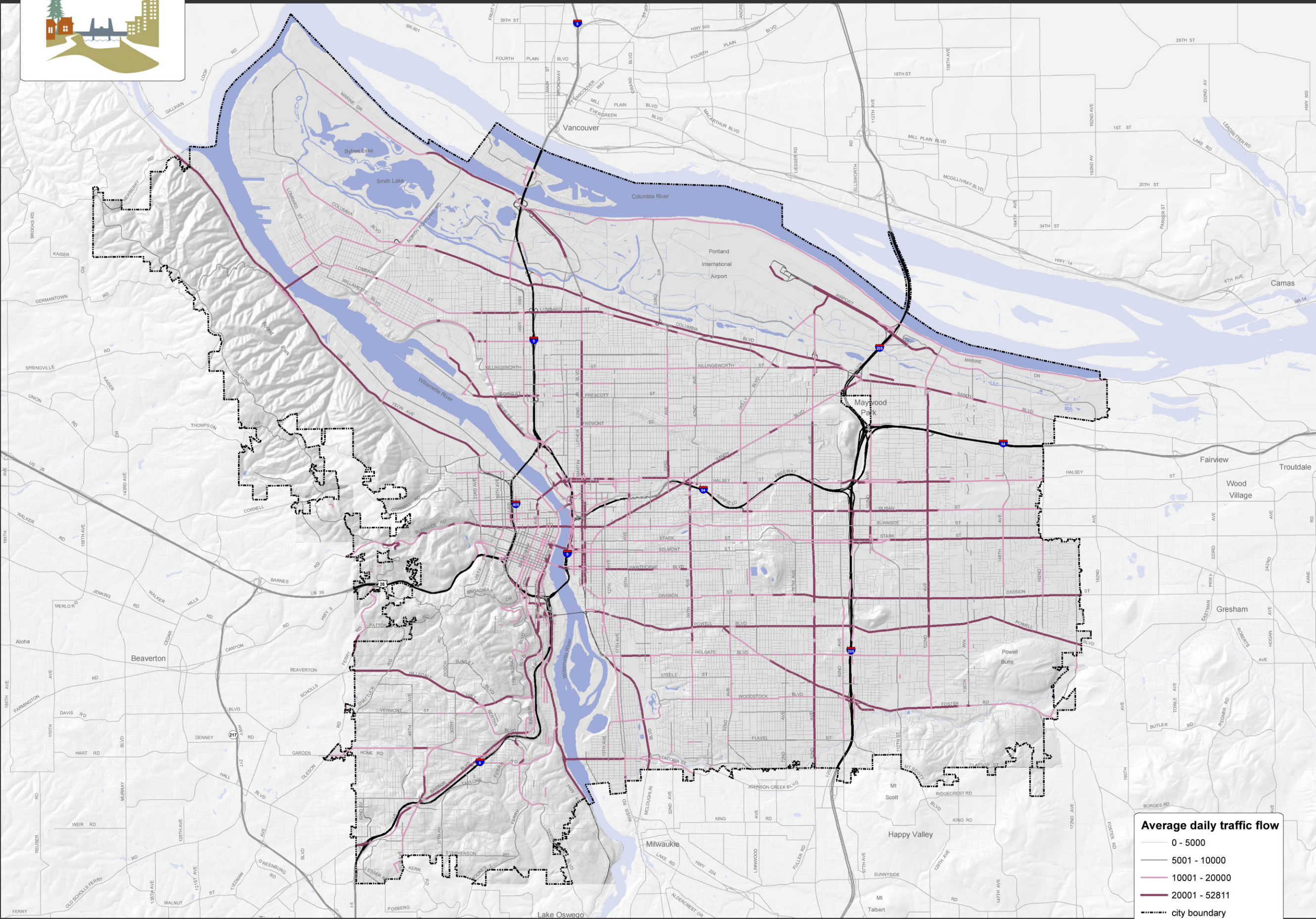
- Portland Fire Stations
- Major Emergency Response
- Minor Emergency Response
- city boundary

transportation system plan developed and maintained by PBOT, adopted 2007. (current as of June 2009).





 15 year proposed paving projects  
 city boundary  
 proposed paving projects:  
 develop by Bureau of Transportation  
 June 2009.

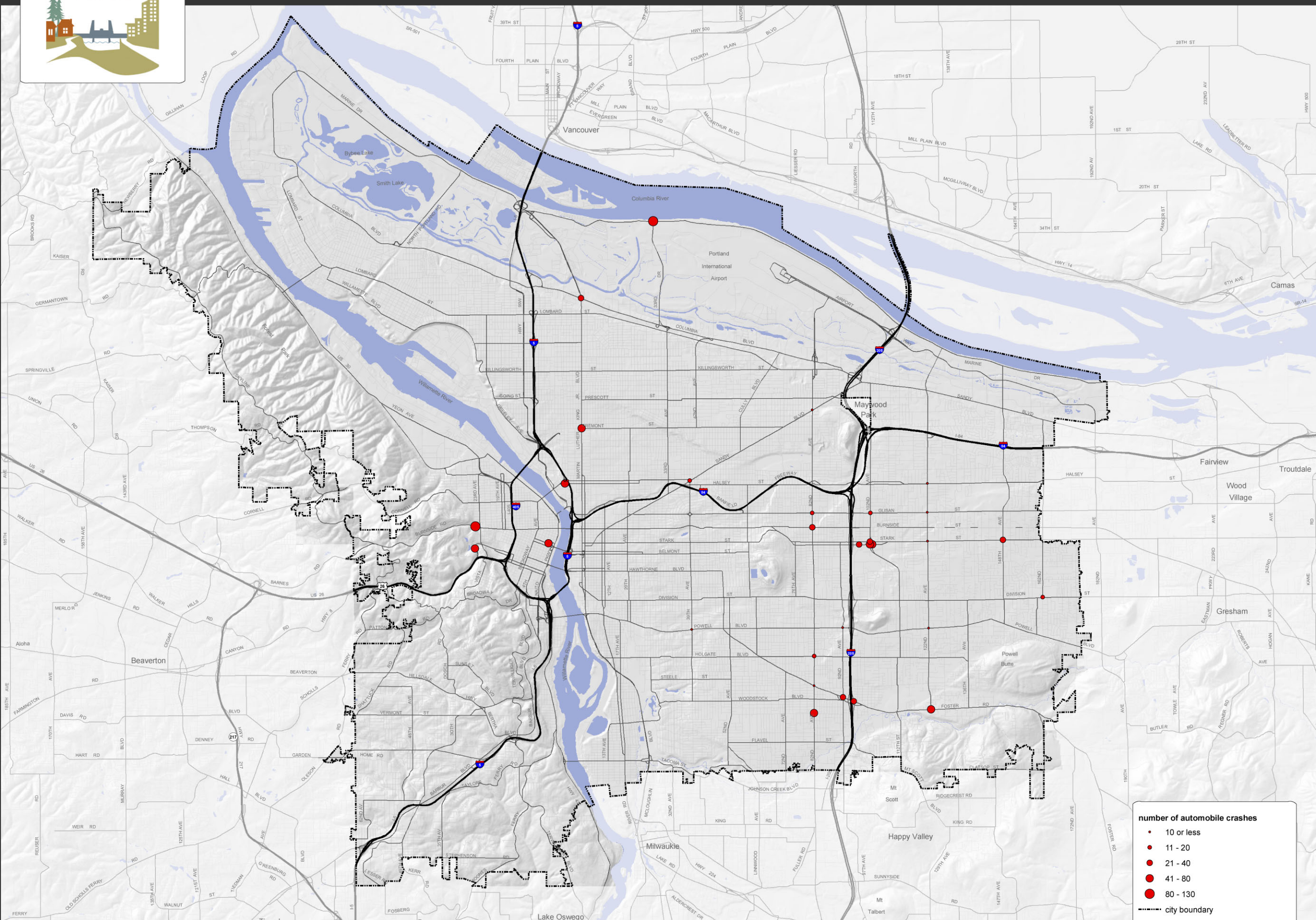


**Average daily traffic flow**

- 0 - 5000
- 5001 - 10000
- 10001 - 20000
- 20001 - 52811
- city boundary

average daily traffic flows:  
developed by Portland Bureau of  
Transportation. Some flow levels  
interpolated. March 2005.



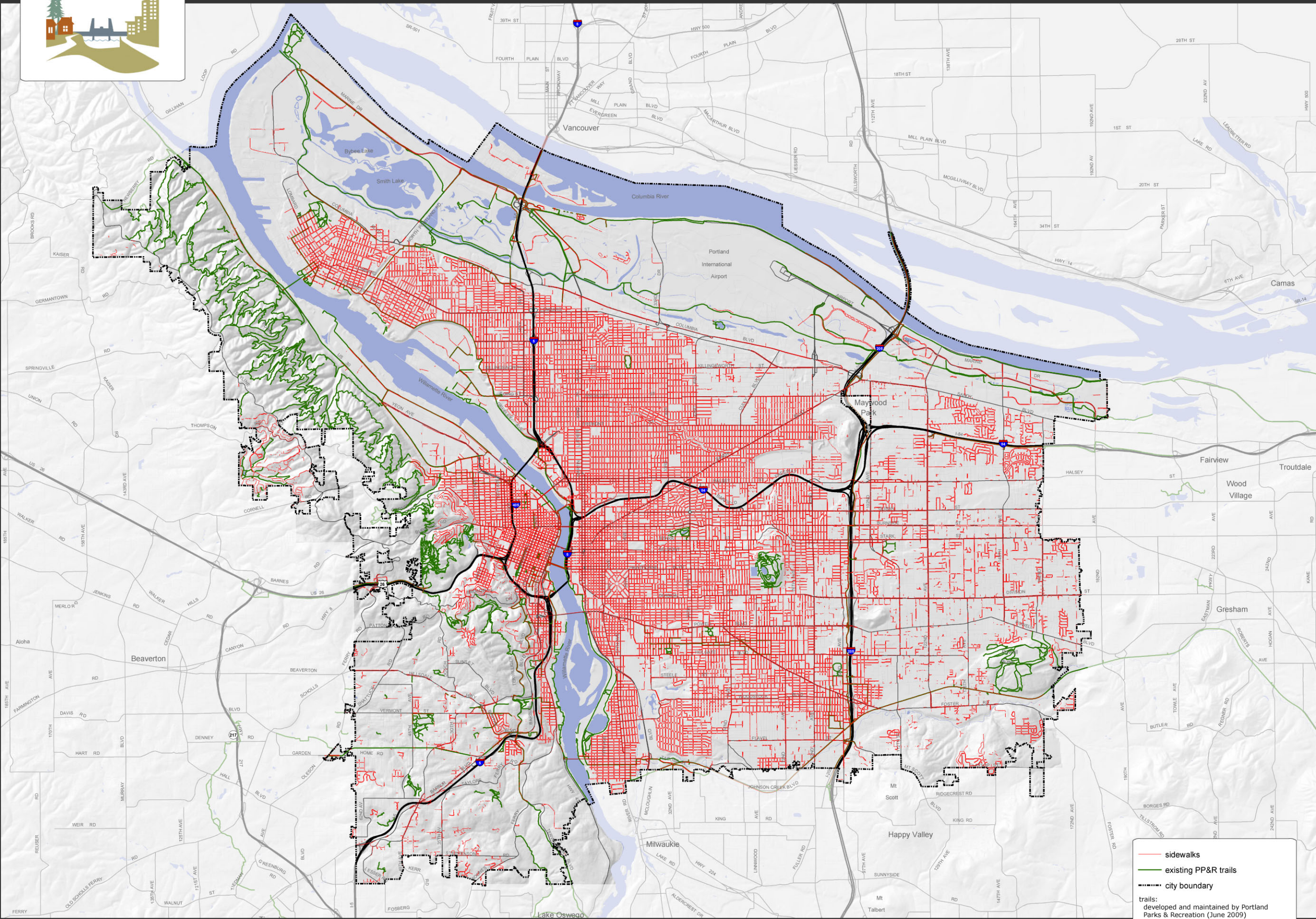


**number of automobile crashes**

- 10 or less
- 11 - 20
- 21 - 40
- 41 - 80
- 80 - 130

----- city boundary

automobile crashes:  
developed by City of Portland, Bureau  
of Transportation (Feb. 2008).

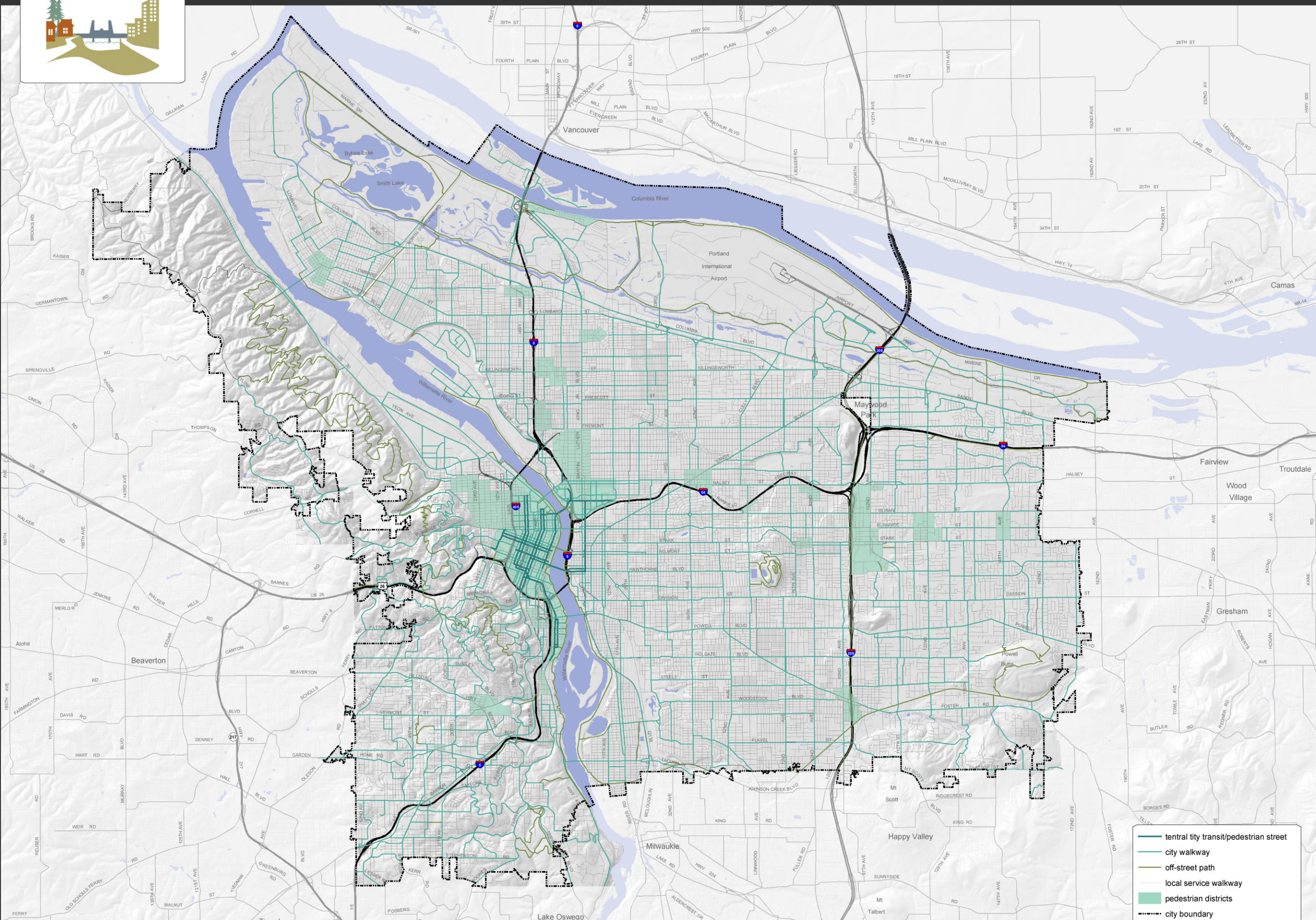


- sidewalks
- existing PP&R trails
- - - - city boundary

trails:  
developed and maintained by Portland Parks & Recreation (June 2009)

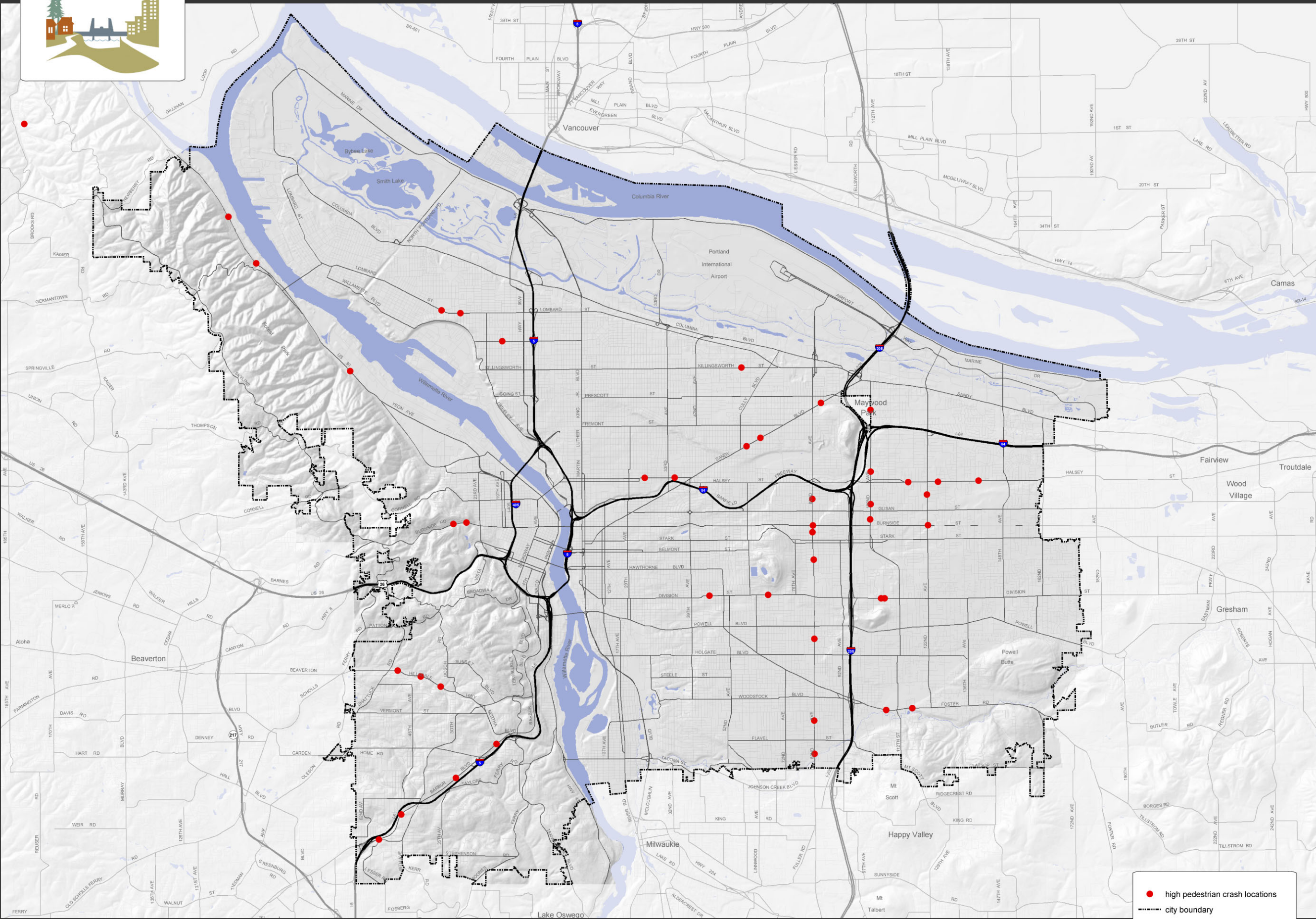
sidewalks:  
developed by City of Portland, Bureau of Transportation (Feb. 2008).





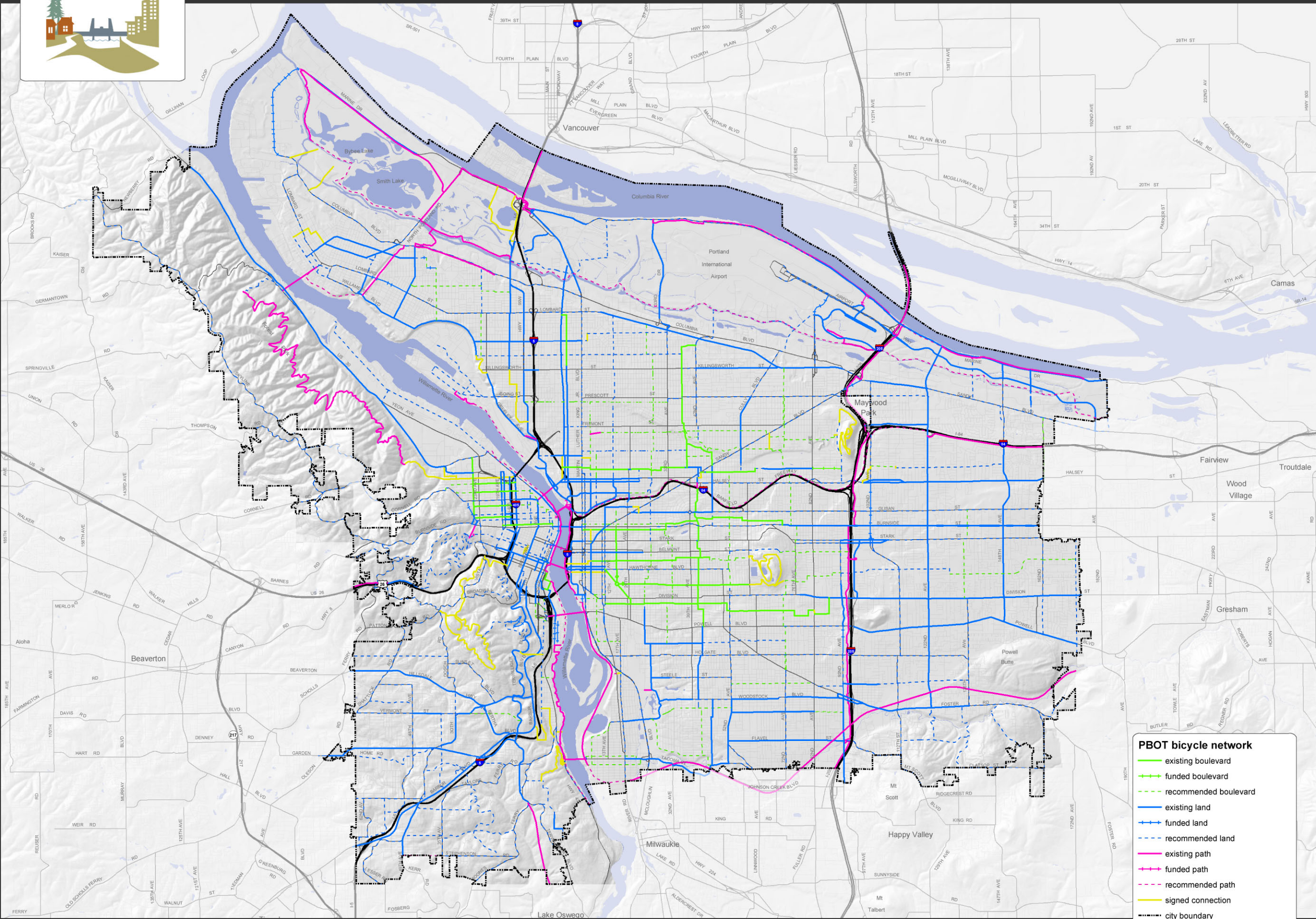
- central city transit/pedestrian street
- city walkway
- off-street path
- local service walkway
- pedestrian districts
- city boundary





- high pedestrian crash locations
- city boundary

pedestrian crash intersections:  
developed by City of Portland, Bureau  
of Transportation (Feb. 2008).

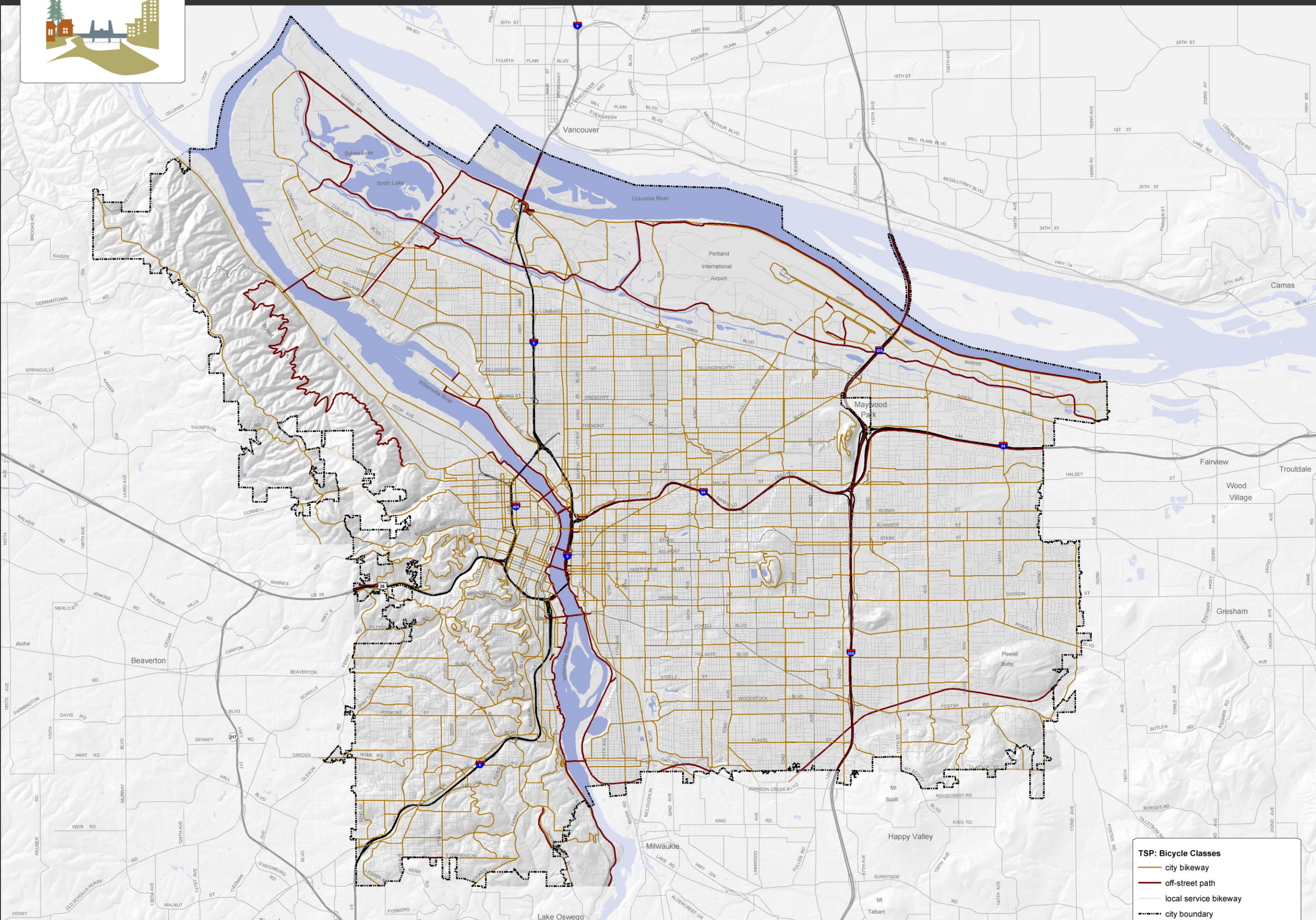


**PBOT bicycle network**

- existing boulevard
- - - funded boulevard
- - - - - recommended boulevard
- existing land
- - - funded land
- - - - - recommended land
- existing path
- - - funded path
- - - - - recommended path
- signed connection
- city boundary

bicycle network:  
developed and maintained by Bureau  
of Transportation (Jan. 2007)

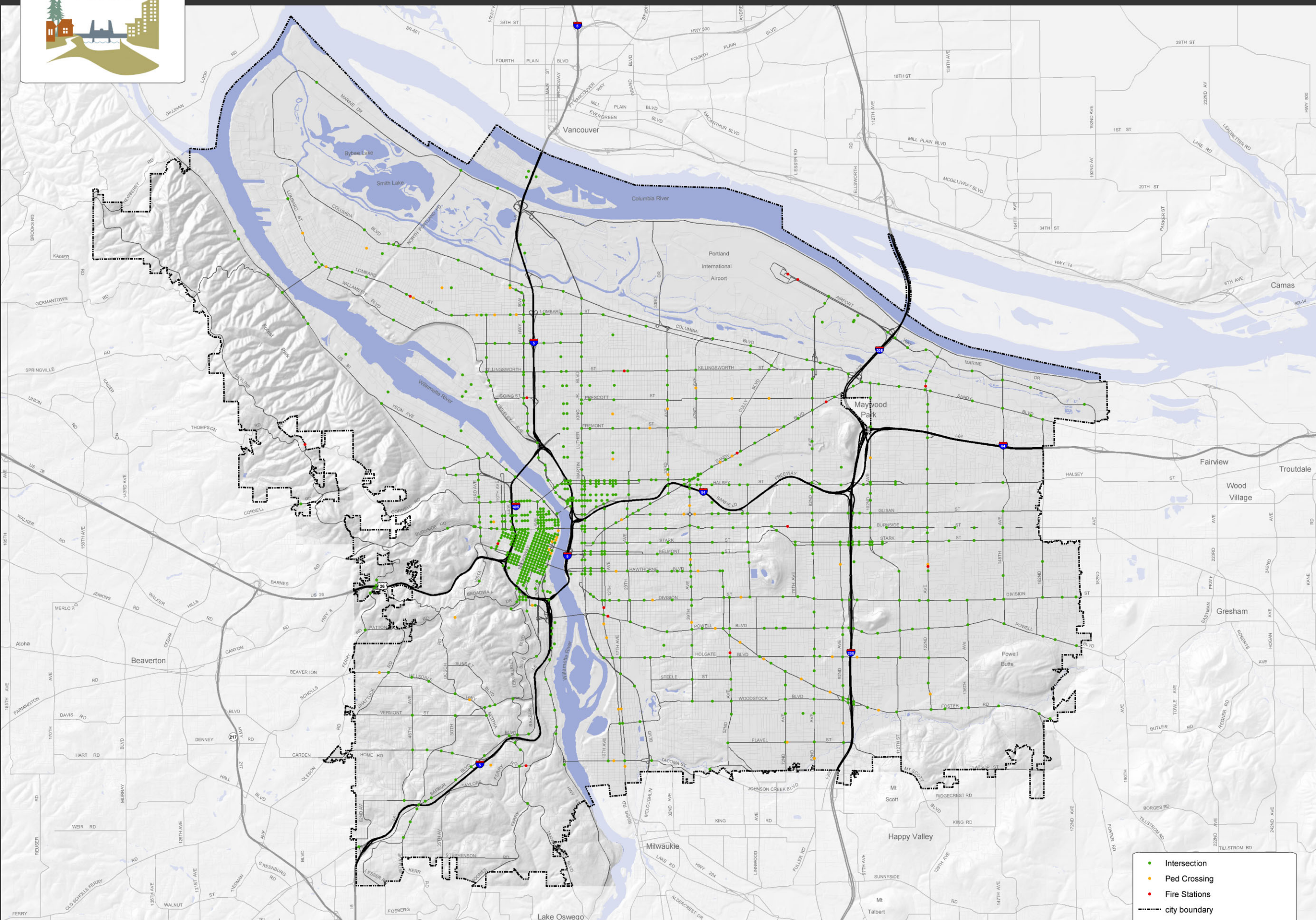




- TSP: Bicycle Classes**
- city bikeway
  - off-street path
  - local service bikeway
  - - - - - city boundary

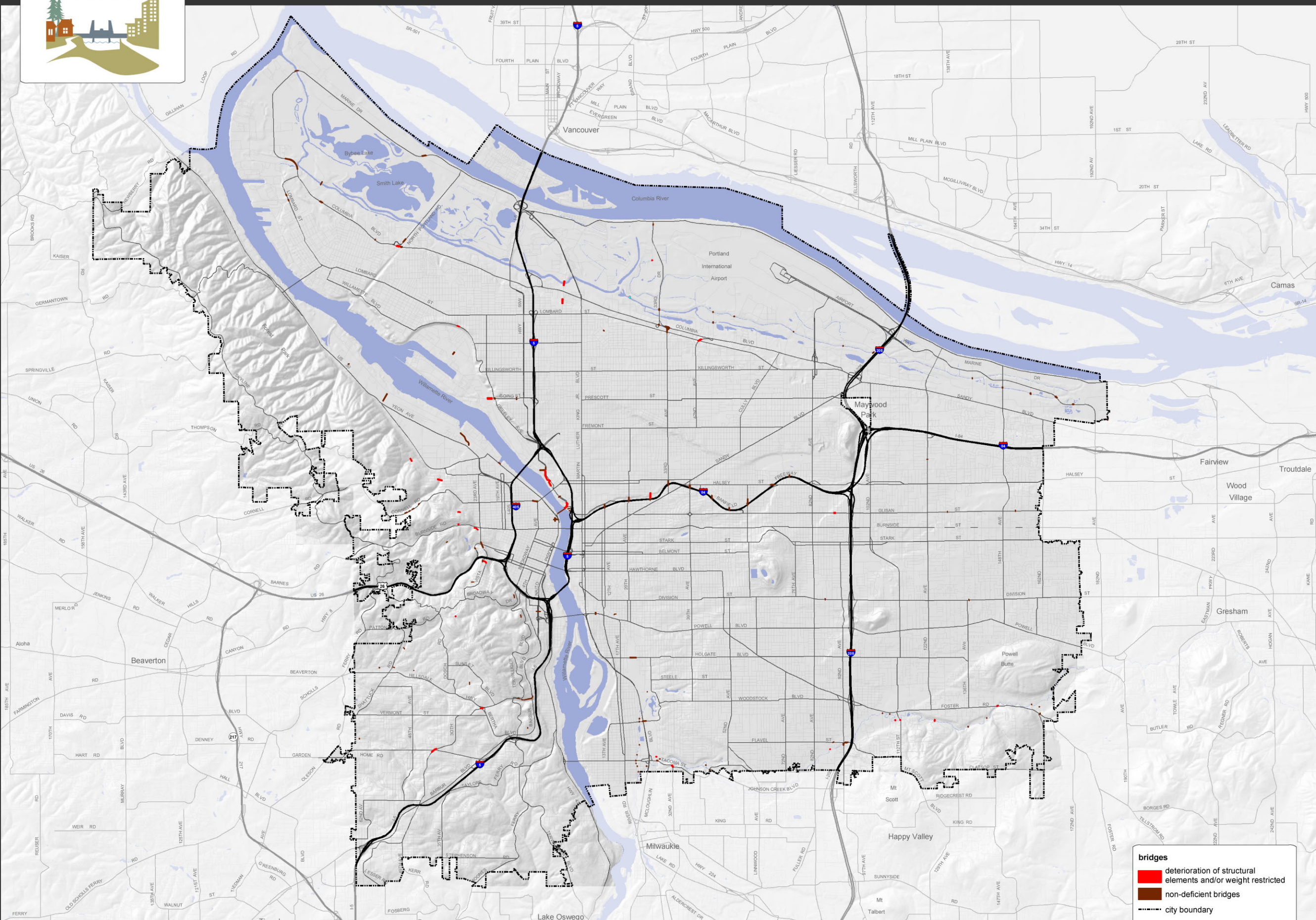
transportation system plan developed and maintained by PBOT, adopted 2007. (current as of June 2009).





- Intersection
- Ped Crossing
- Fire Stations
- city boundary

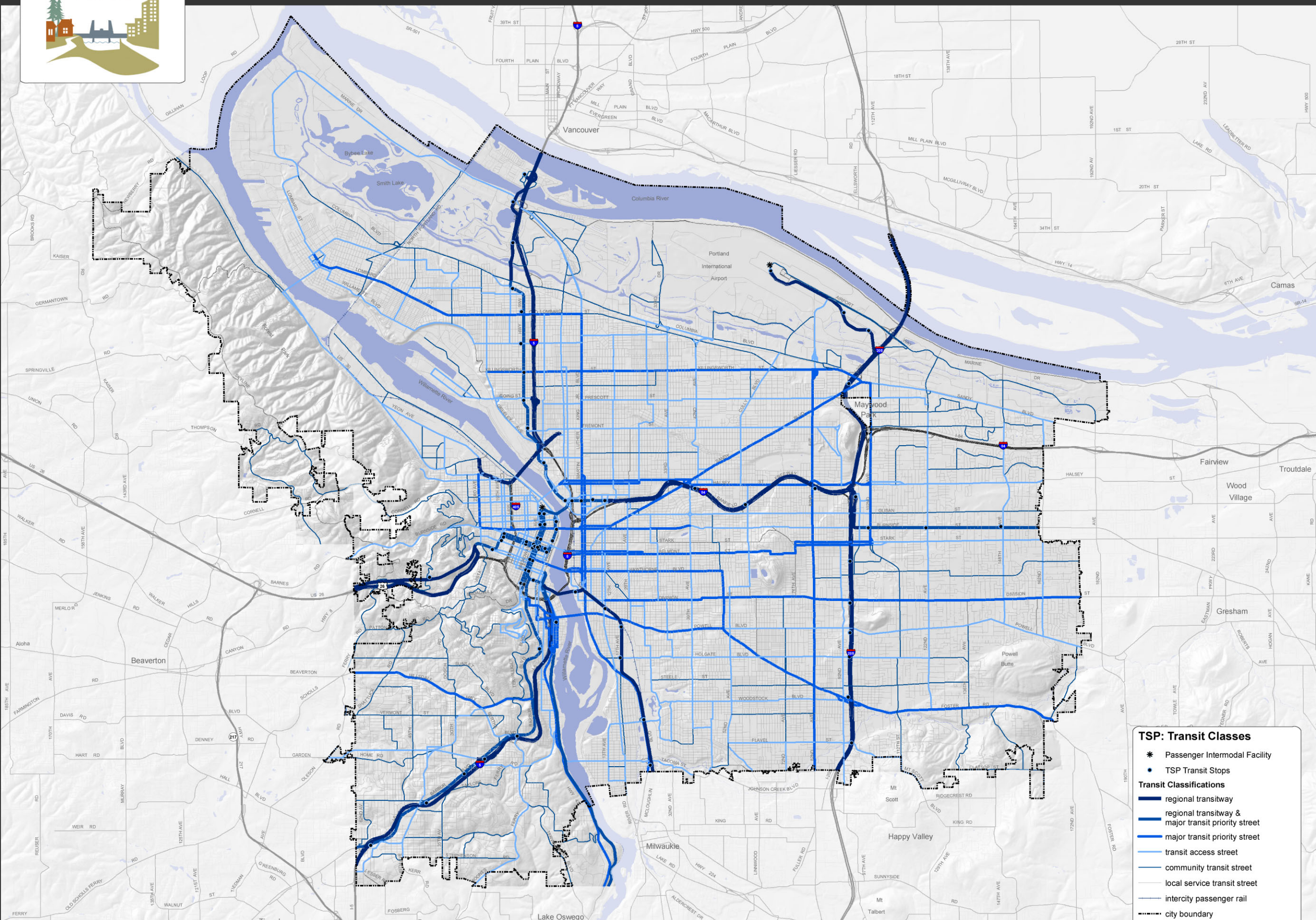




**bridges**

- deterioration of structural elements and/or weight restricted
- non-deficient bridges
- city boundary

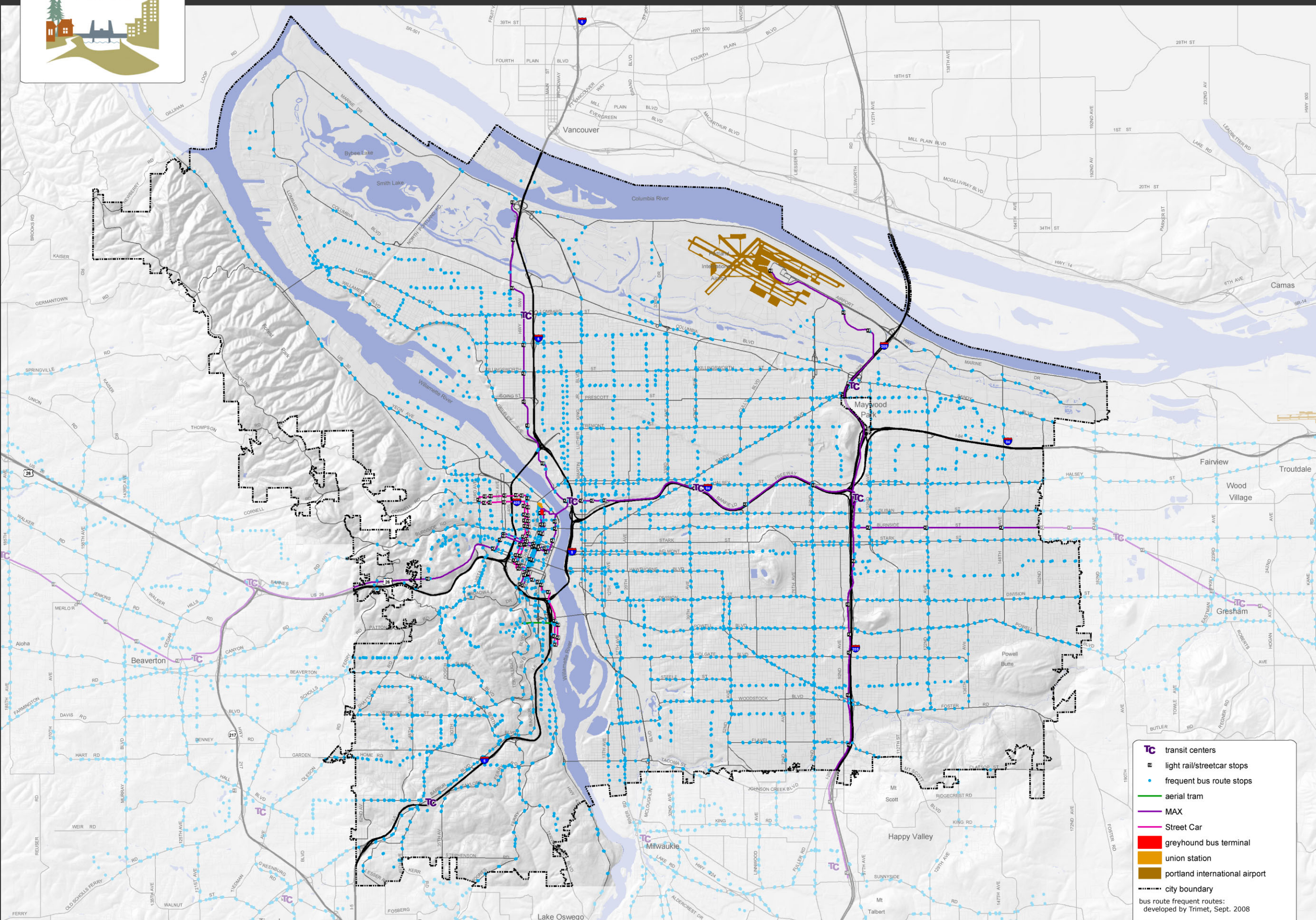
bridge condition:  
developed by City of Portland, Bureau  
of Transportation (Feb. 2008).



**TSP: Transit Classes**

- \* Passenger Intermodal Facility
- TSP Transit Stops
- Transit Classifications**
- regional transitway
- regional transitway & major transit priority street
- major transit priority street
- transit access street
- community transit street
- local service transit street
- intercity passenger rail
- city boundary

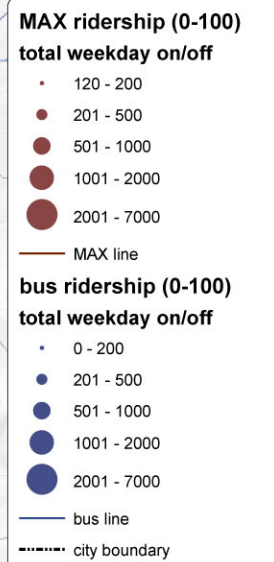
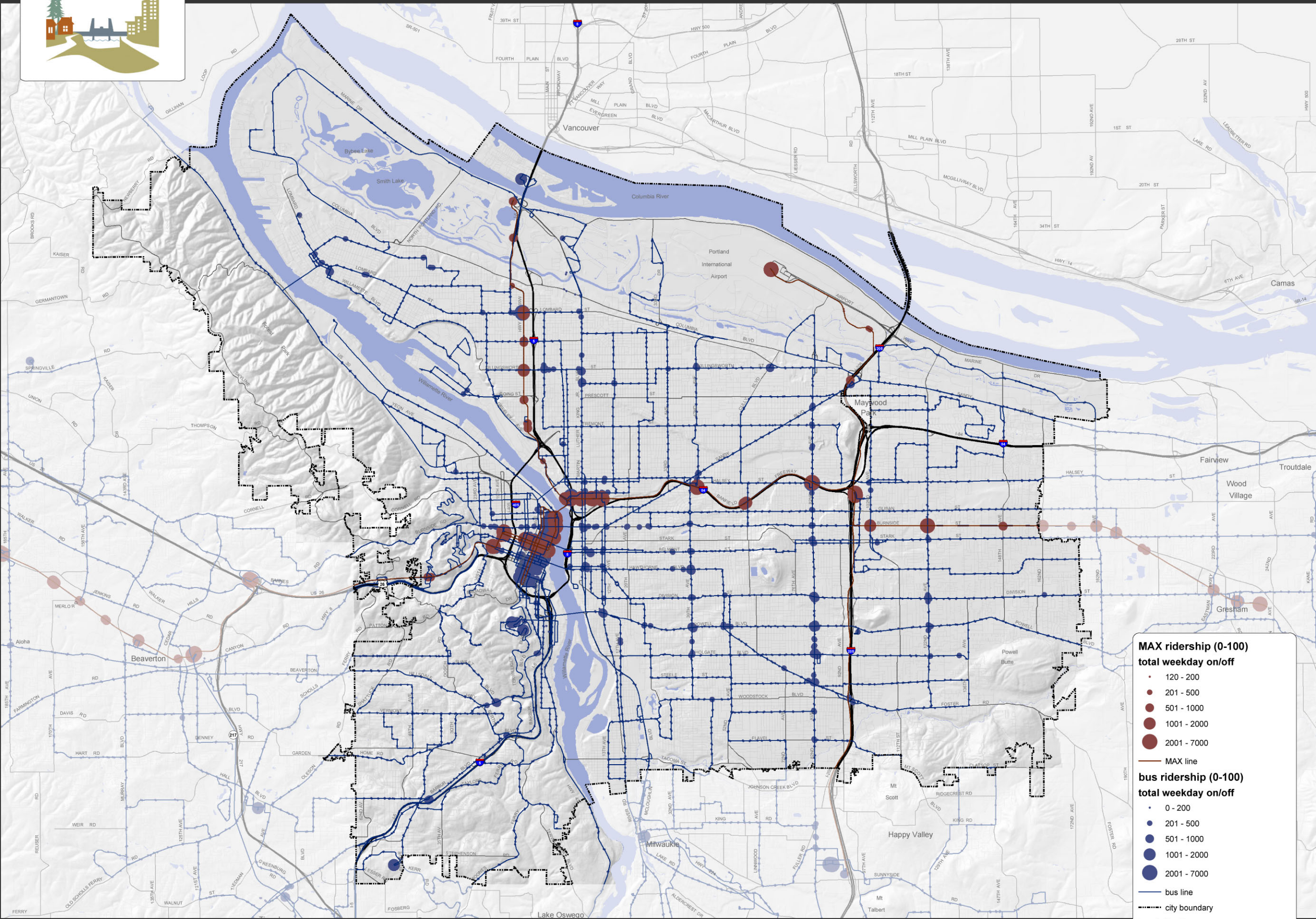




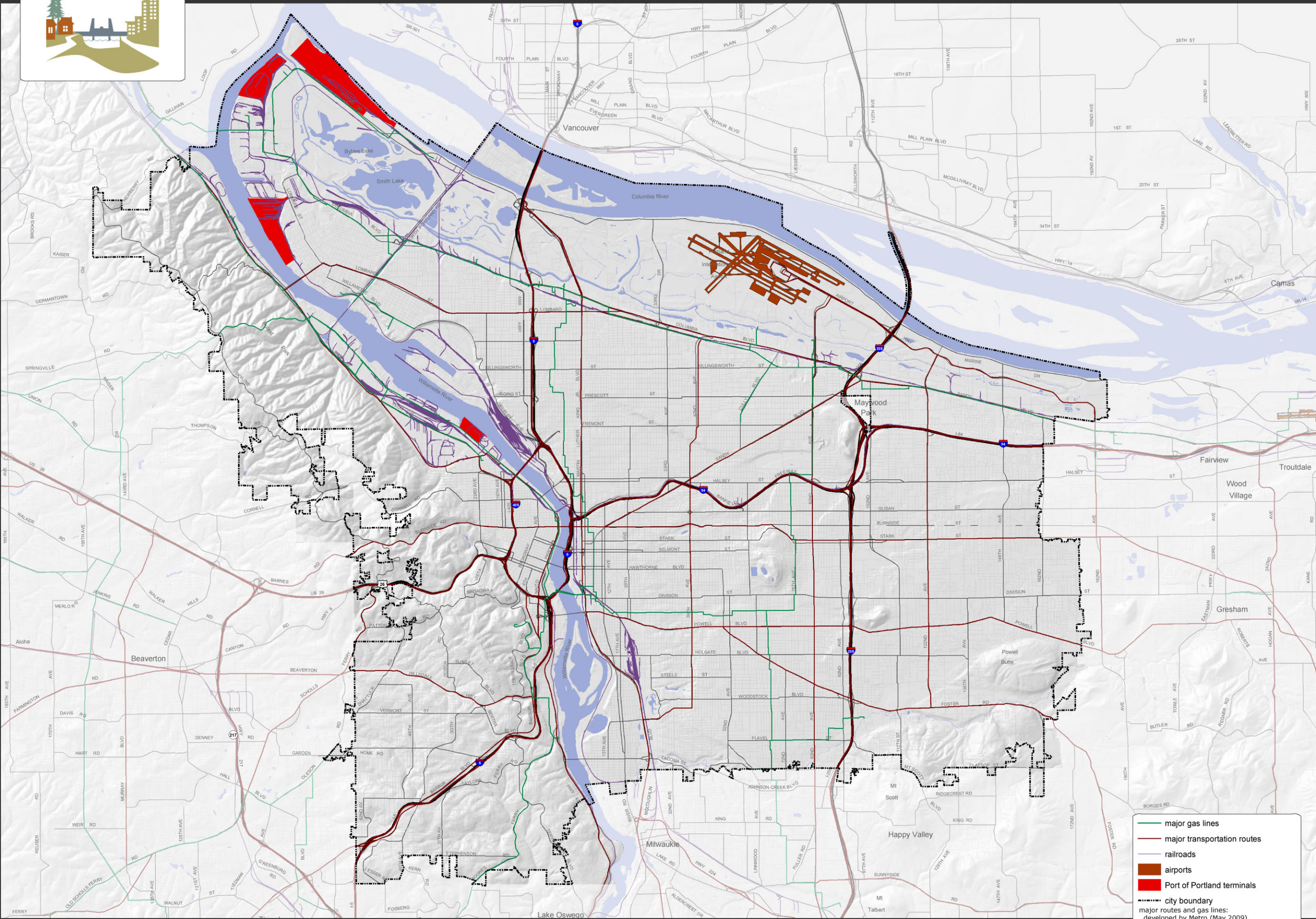
- TC** transit centers
- light rail/streetcar stops
- frequent bus route stops
- aerial tram
- MAX
- Street Car
- greyhound bus terminal
- union station
- portland international airport
- city boundary







bus route frequent routes:  
developed by Trimet, Sept. 2008

light rail lines:  
digitized by Metro, updated Aug. 15, 2006.  
Includes lines under construction. Registered  
to taxlots.

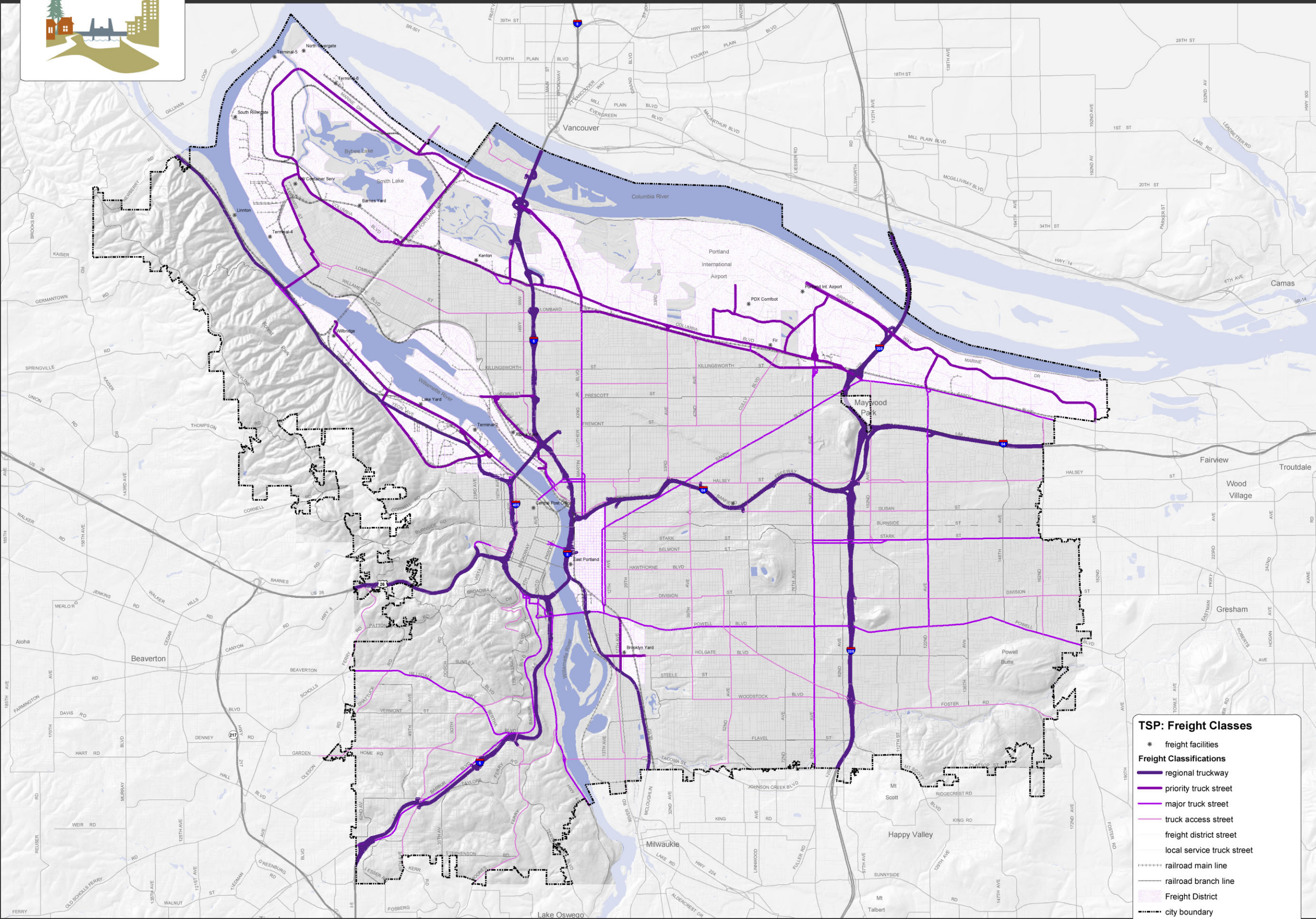


transit ridership:  
data from Trimet spring 2008  
ridership census. Does not include  
streetcar.



-  major gas lines
-  major transportation routes
-  railroads
-  airports
-  Port of Portland terminals
-  city boundary
-  major routes and gas lines:  
developed by Metro (May 2009).

Port terminals:  
developed by Bureau of Planning  
and Sustainability (Mar. 2009)

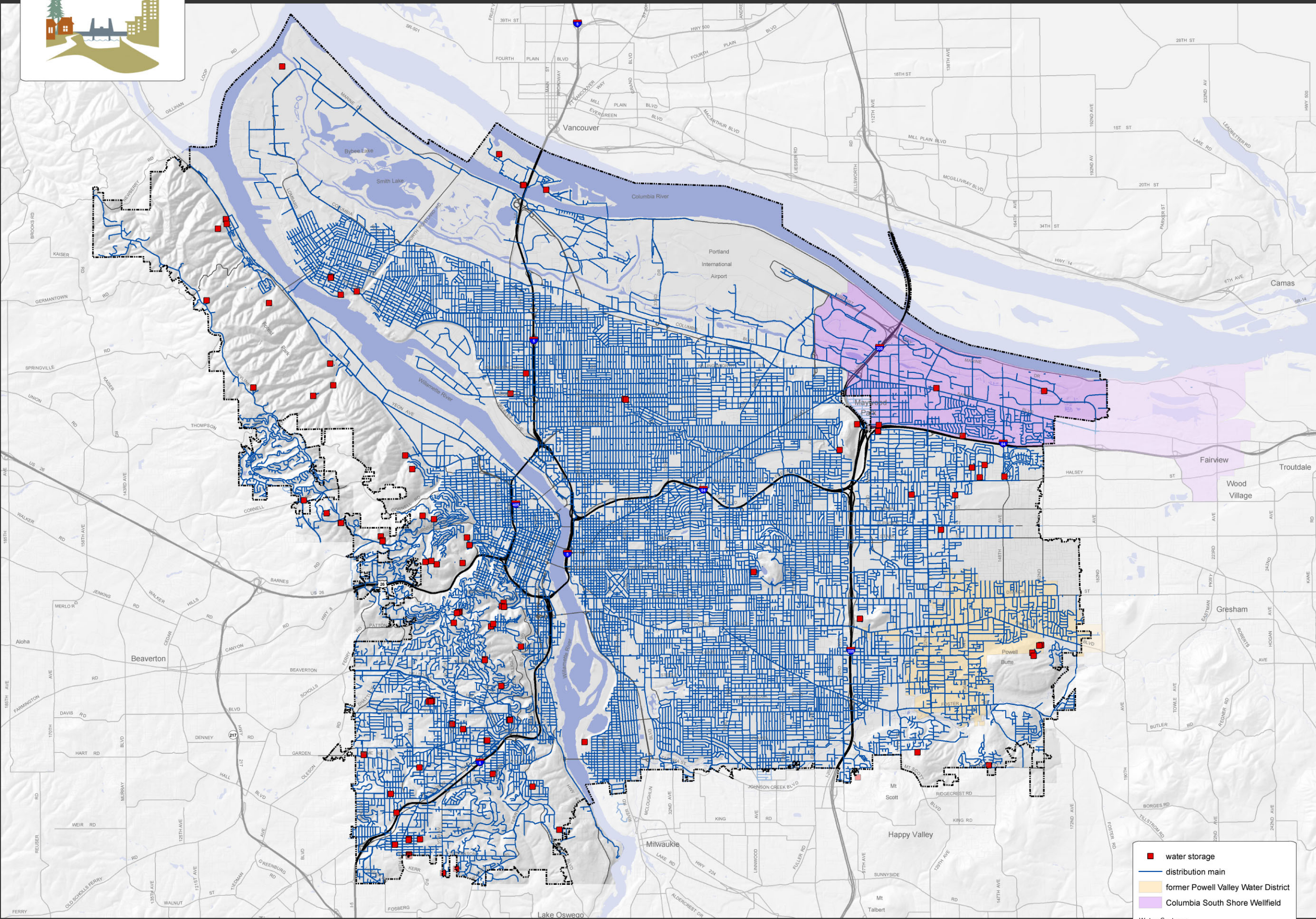


**TSP: Freight Classes**

- \* freight facilities
- Freight Classifications**
- regional truckway
- priority truck street
- major truck street
- truck access street
- freight district street
- local service truck street
- railroad main line
- railroad branch line
- ▨ Freight District
- - - - - city boundary







- water storage
- distribution main
- former Powell Valley Water District
- Columbia South Shore Wellfield

Water System:  
Developed and maintained by City of Portland, Bureau of Water Works (Sept. 2009).

