Introduction to the plan

1. What is a neighborhood street plan?
2. Unique features of the SW street plan
3. Watershed plans
4. Plan process, timeline
5. Outcomes
What is a Neighborhood Street Plans?

A tailored strategy to:

• improve local street connectivity
• determine varying traffic functions of local streets
• enhance local access to neighborhood destinations
• address stormwater needs
Neighborhood Street Plans

- Cully (2012)
- Tryon-Stephens (2015)
- Division-Midway (2014)
Street by Street (2012)

- Traditional
- Separated
- Shared
- Pathway only
BES Watershed Plans

Stephens Creek Stormwater System Plan
January 2013

Portland Watershed Management Plan
2005

Actions for Watershed Health

Fanno and Tryon Creeks Watershed Management Plan
2009

Fanno/Tryon Water Quality and TMDL
CIP 745 design 7822 report
2004
Planning for the Tryon-Stephens area

Walksheds: Improving access to neighborhood destinations

Watersheds: Enhancing watershed health & water quality
Southwest unique character

topography

soils

natural areas

trails
1851  Slavin Farm → Slavin Road → Capitol Hwy
1883  North Pacific Railroad → Immigrants → Dairy Farms
1888  Oregon Electric Railway → I-5
1914  South Pacific R.R. → Red Electric → Barbur & Bertha Blvd
      Hillside became market for farmers
      Hoffman Rd → Vermont Street
1930  End of train → Tracks paved for buses

1945  City expanded SW
1959  Hillsdale designated Commercial Area.

1903  Updated plan of parkways
1910-12  Parkway became reality
1985  Terwilliger Parkway corridor plan.
Annexation
Tryon-Stephens Headwaters Neighborhood Street Plan
Project task diagram

Task 1
Public Involvement

Public Involvement Plan

Form Community Working Group

Notice to proceed June 29

Task 2
Existing Conditions

Policy Background
Base Maps
Planning Context
Traffic Counts
State of Practice

Task 3
Needs, Opportunities, Constraints

Transportation System NOC
Stormwater System NOC
Tools
Solutions & Priorities
Evaluation Criteria

Task 4
Developing Solutions

Local Street Solutions
Stormwater Solutions

Local Street Typologies
Integrated Solutions

Implementation Report
- Primary Active Transportation Network
- TSP Changes
- Recommended Strategies and Priorities for Integrated Street & Stormwater Improvements

Task 5
Final Plan

Council

Roll & Stroll
Open House #1
Open House #2

CWG #1
CWG #2
CWG #3
CWG #4

NOC = Needs, Opportunities, Constraints
CWG = Project Working Group

Key issues & opportunities are identified
Solutions reflect local aspirations & concerns

conditions are being documented adequately & accurately
Public Involvement Plan

- Roll & Stroll
- Community Working Group
- Neighborhood meetings
- Open houses
- Website and mailing list
Roll & Stroll
Existing Conditions

Unpaved streets

- Roughly 50 miles of Right-of-way:
  - ~88% streets paved
  - ~8% streets unpaved (3.8 mi)
  - ~4% ROW with no street
Street surface conditions
Missing sidewalk/bike paths

• Less than 40% of streets have a sidewalk
• Bicycle facilities are limited to a few busier streets
Planned walk/bike networks
Traffic conditions

Tryon-Stephens Neighborhood Street Plan

Traffic Volume Counts
Street Volume Ranges

TSHNSP Study Area

- <500
- 500-1,000
- 1,000-3,000
- 3,000-5,000
- 5,000-10,000
- 10,000-20,000
- >20,000

The information on this map was derived from City of Portland GIS databases. 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, omission or positional accuracy.

November 25th, 2014
Stormwater Conditions

- Headwaters of Stephens and Tryon Creeks
- Confluences of creeks with the Willamette provide important salmonid habitat
- Unmanaged and untreated stormwater runoff causes watershed problems
Natural resources
Stormwater system gaps
What are Needs, Opportunities and Constraints?

• **Needs**: What is needed to improve street and stormwater systems to serve the community today and into the future?

• **Opportunities**: What are the existing strengths and opportunities may help to meet these needs?

• **Constraints**: What are the barriers to meeting the identified needs?
1. Address **gaps in the transportation networks** to improve access to neighborhood destinations.

2. Address **gaps in the stormwater system**.

3. Tailor options for **integrating** street and stormwater improvements to existing **neighborhood and street character**.

4. **Manage stormwater runoff** to preserve natural hydrology, enhance water quality, and to fix and prevent problems caused by stormwater runoff.

5. Balance motor vehicle speeds and volumes with pedestrian and bicycle needs on the **active transportation network** and when gravel streets are improved.

6. Identify ways to create **new connections** without fully relying on redevelopment.
What will this plan do?

Recommendations will reflect community priorities and may include:

- Refine the primary walking and bicycling routes
- Identify new connections (right of way)
- Categorize streets by their character/context
- Integrate PBOT and BES tools and coordinating investments
Destinations

What are the constraints and opportunities to providing safe and accessible routes to key neighborhood destinations?
Thank you

Project website:  www.portlandoregon.gov/transportation/65574

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