

The Road Ahead

Better coordination through a balance of organization, policy, and information technology

» Organizing for outcomes

Balances cost opportunities and risks against desired asset performance to achieve organizational objectives.

» Creating policy that incentivizes coordination

Bolsters bottom-line decisions with policy that support pavement management systems, decrease pavement cuts, and allow for better flow of traffic during construction in the right of way.

» Aligning information technology with business

Improves communication by actively managing information technology so that systems, people, and business needs are in-sync.



Want to Know More?

» Bill Hoffman | *PBOT Project Manager*
bill.hoffman@portlandoregon.gov

» Juston Manville | *HDR Project Manager*
juston.manville@hdrinc.com

Executive Sponsors

Steve Novick | *Commissioner*

Leah Treat | *Director*

Maurice Henderson | *Deputy Director*



www.portlandoregon.gov/transportation

The City of Portland Bureau of Transportation is a community partner in shaping a livable city. We plan, build, manage and maintain an effective and safe transportation system that provides people and businesses access and mobility. We keep Portland moving.

Innovative Asset Management to Preserve the City's Streets

Utility Coordination Scoping Project

Benefits of Stronger Asset Management



SAVINGS

Aligns projects, processes, people, and systems



EFFICIENCIES

Small changes yield big results



COMMUNICATION

Leverage technology to coordinate across agencies

Grant Funding Paves the Way

» In 2013, the Portland City Council awarded grants for innovations to make government more efficient, responsive, and accountable.

PBOT was awarded funding for a Utility Coordination Scoping Project. Working with HDR, PBOT developed performance criteria to improve technologies and coordination opportunities among agencies.

The focal points of the project were cost-savings, organizational protocols, and road preservation.



Portland Streets

They are one of the City's most significant investments. Unfortunately, frequent utility work in the right of way results in pavement cuts, trenching, and repaving, which degrades the streets and causes traffic disruptions for the public. With a recent City Innovation Grant, the Portland Bureau of Transportation is exploring how to better coordinate right of way work among City agencies and utilities.

Through this effort, PBOT has found ways to significantly increase coordination, resulting in more efficient use of limited transportation dollars, better preservation of Portland streets, and fewer disruptions to the public.

Here's how they did it.

» The Components



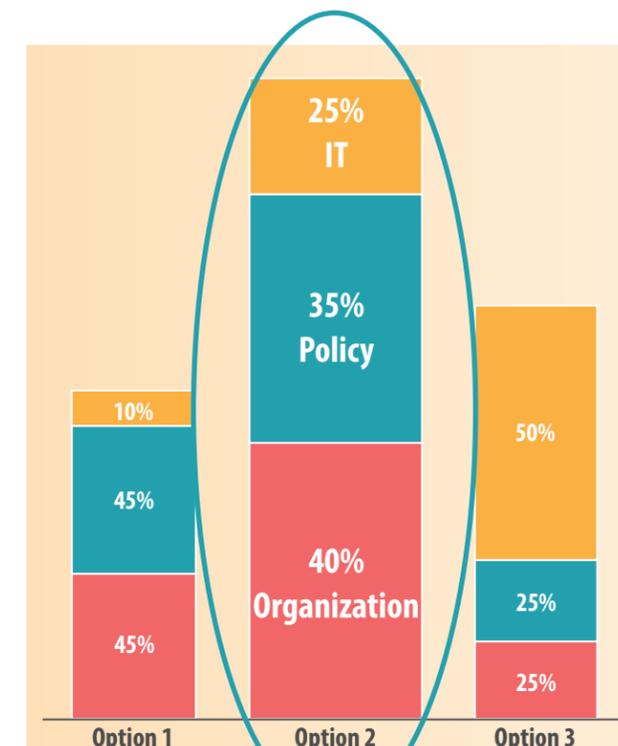
Collaboration

Working together to plan for the future. The Bureau of Environmental Services, the Water Bureau, and area utilities all have facilities in the City's rights of way. PBOT, working with HDR, collaborated with these agencies to identify Portland-specific ways to coordinate work in the right of way.

» Identifying What Works

To establish the path forward, the team surveyed cities that were known to have effective processes in managing and coordinating construction in the right of way. The goal was to identify the strengths and weaknesses of each city, set their performance as benchmarks, and evaluate how these might inform PBOT's. One practice studied uses each agency's business processes in the coordination of utility cuts. From the survey, the team identified the following three major themes that most contribute to the success of right of way management programs:

- **Organizational Structure** designed for coordination through asset management
- **Policy** to incentivize project coordination
- Leveraging **Information Systems** & asset management best practices



Taking the best elements from the peer cities, the project team designed an approach that was custom-fit for Portland. The team settled on a combination of elements that did more than just improve internal coordination, but also improved City-wide coordination by sharing information among agencies (see graphic at left). More importantly, PBOT will be sharing the decision-making process for maintaining infrastructure to the public through the web, creating a transparent business model and saving citizens' money.