Willamette Water Supply
Our Reliable Water Future

Interactive Schedule Map
March 24th, 2021
Topics

• Program Overview
• GIS and its role at the WWSP
• Tool Background and Creation
• Benefits
• Demo live map tool
• Q & A
Water Supply Program Overview

1. Modified water intake
2. New water treatment plant
3. 30+ miles of large diameter pipeline
4. Water storage tanks

Operational in 2026

Project cost estimate: $1.3 billion
What is GIS?

• Geographical Information System (Or Science)
• Combines spatial features with tabular data (database)
• Provides visual way to view data to find patterns and relationships.
Support WWSP Staff with:
1. Map Exhibits
2. Spatial Analysis
3. GPS Survey (global positioning system)
4. Asset mapping and database
5. Map apps and tool development and support
Tool Background

- Outreach Team wants a way to communicate where and when pipeline construction impacting roads
- Simple and engaging way for customers and impacted residents to view information
Story Map creation

• GIS Data
  – Create construction dates to alignment layer
  – Map configuration
• Create 3d project fly overs
• Configure app
  – Add map elements/3d flyovers
  – Add project information
  – Interactive links and actions
• Review and make changes
Benefits

- Easy to use interface
- Geographic visualization of information
- Users can explore map, dates and project information
- Nothing to download and sizes based on device
- Technology leverages existing software (no additional costs)
Demo!
QUESTIONS?

THANK YOU!

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