



**Washington Suburban
Sanitary Commission**

Agency Project Coordination (APC)

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Opportunities/Challenges

- Collaborate and coordinate with other public agencies and private utilities that share the limited public Rights-of-Way (ROWs).
- Utility rehabilitation projects often include pavement cuts and follow-up restoration and require coordination with transportation improvement projects to ensure efficient use of public funds and minimization of the temporary construction impacts to residents.
- Identify project conflicts based on data from different data sources in different formats.
- Keep track of changes in project status and other details between data exchanges.

Response...

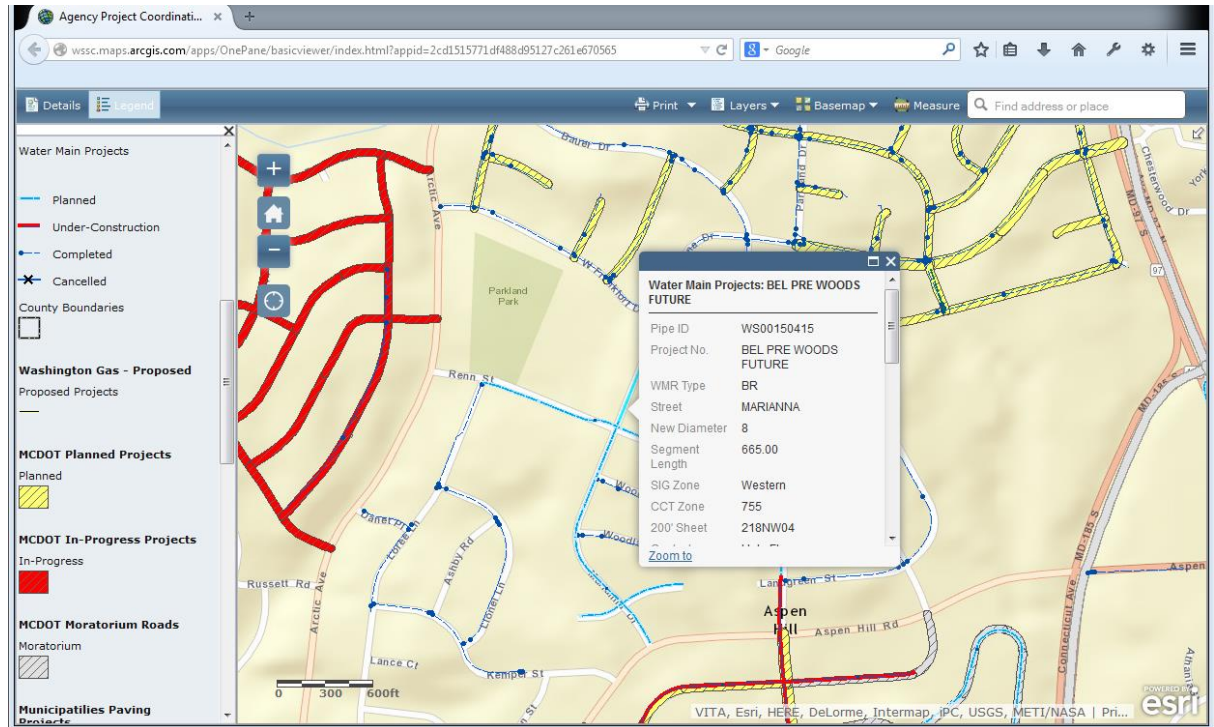
WSSC along with its partners from both counties has taken the lead in development of a program that is streamlining interagency project coordination efforts and processes through a common platform

“Agency Project Coordination”

Response...

“Agency Project Coordination”

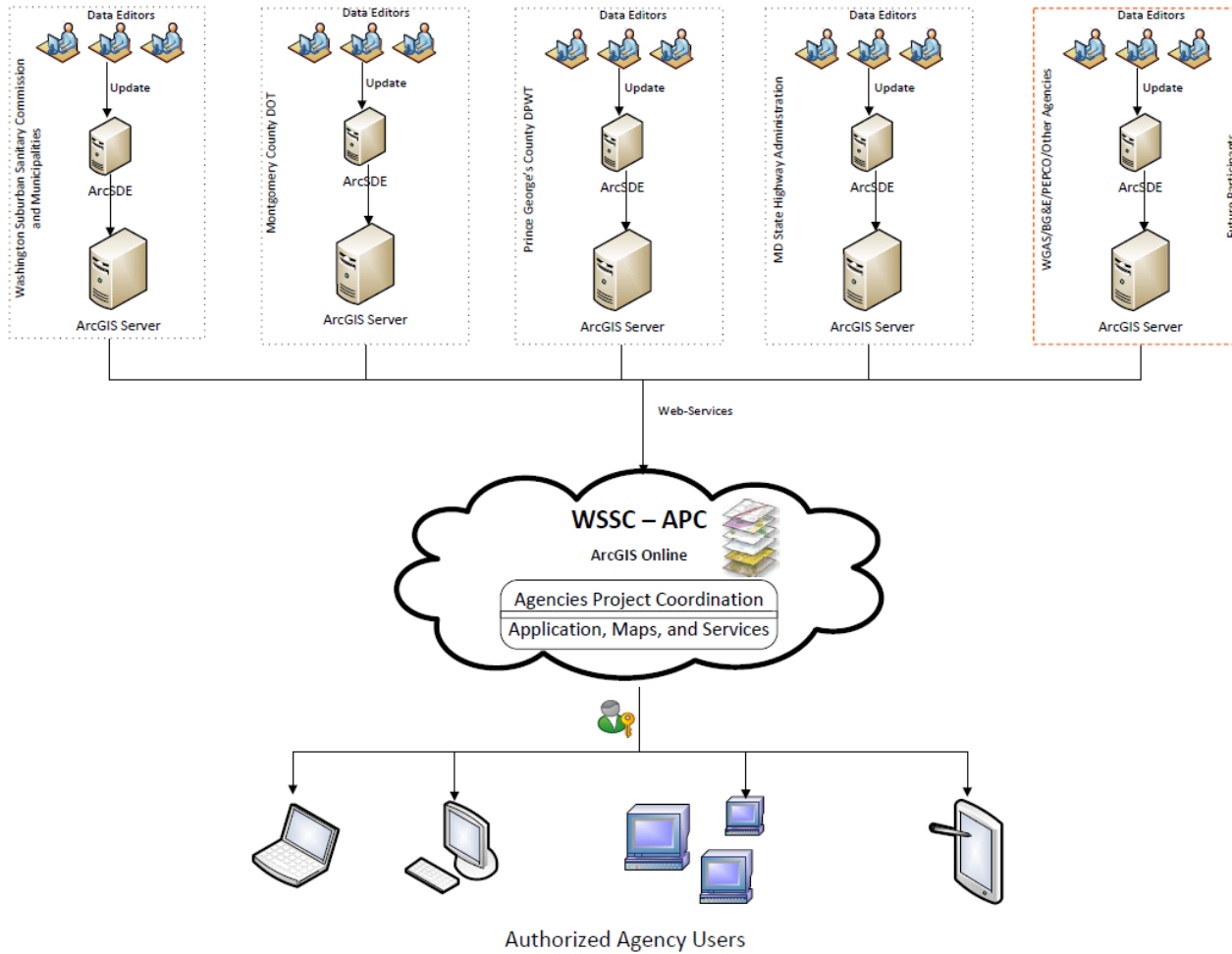
An ArcGIS Online based solution administered by WSSC which allows “near real-time” data sharing, analysis, and reporting capabilities that is critical to the planning, coordination and management of infrastructure projects within the public Right-of-Way



How We Did It...

- Developed a standardized interagency data repository enabling GIS based application(s) and view current information about planned right-of-way construction and maintenance activities.
- Utilized ArcGIS Online Platform for information sharing and dissemination.
- Used ArcGIS Online Organizational Accounts for securely accessing APC information
- Provided Counties and utilities with direct links to near real-time information such as project location, scope, design plans, permit status, schedule, cost, moratorium status, and points of contact.

APC Framework



Benefits

- Improve service delivery to ratepayers through a multi-agency integrated and coordinated effort
- Provide near real-time information among Counties and Utilities on planned and on-going construction projects in County Rights-of-Way.
- Ability to have a Geographical view of projects with visual detection of conflicts between project.
- Reduced the need to meet face to face every few weeks with different agencies, resulting in both time and cost savings
- With optimum coordination through ACP, WSSC has seen about **10-20% reduction** in its cost to rehabilitate pipelines.

Participants



Where we are/Next Steps?

- Develop Web-Based application for conflict detection between projects for various agencies based on different parameters
- Integration of municipalities, other utilities, and fiber optic companies data into APC
- Develop public-facing side of APC for public to get information on Pavement work and coordination efforts.

Thank You !