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Agenda

- What is the CIP?
- How we create the CIP:
 - Historical process
 - Current process
 - Future process
- Questions/Discussion





What is the CIP?

- •6-year plan for capital improvement projects (for utility project)
- Helps with coordination (internal/external)
- Helps tell a story (public/Council)
- •Helps with rate increases
- Helps with transparency and accountability
- Water, Sewer and Surface Water Capital

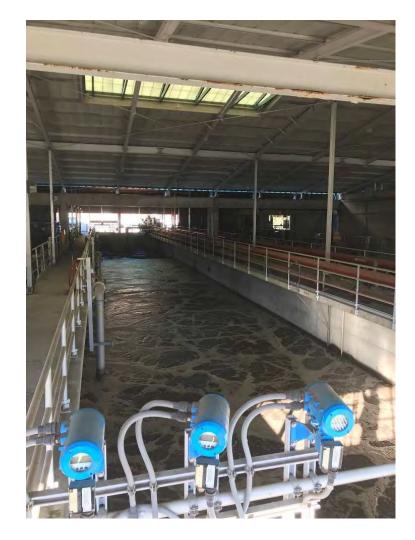
Improvement Program - The City of

Vancouver, WA



Historical process for creating CIP

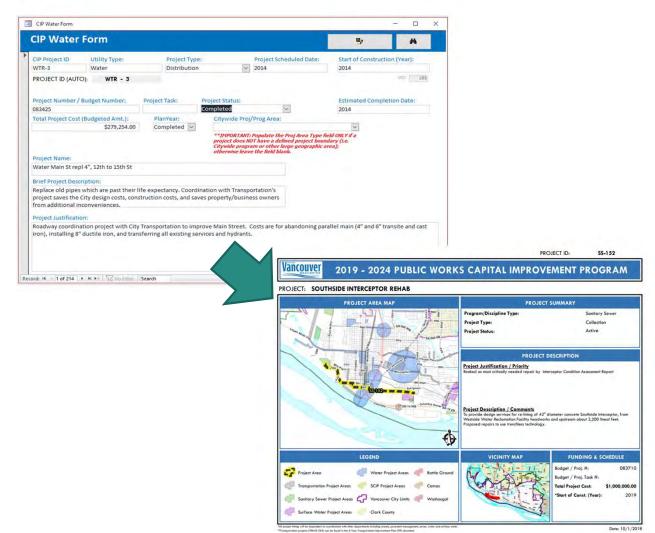
- Access database (stored cut sheet info)
- •GIS (create polygons and manually create cutsheets)
- Excel (to create project lists/financials)
- Word (to create text documents)
- Adobe (to create pdfs)





Historical process for creating CIP

A Microsoft Access
database was built with a
front end for data entry and
a GIS process was built to
export the "cutsheets"





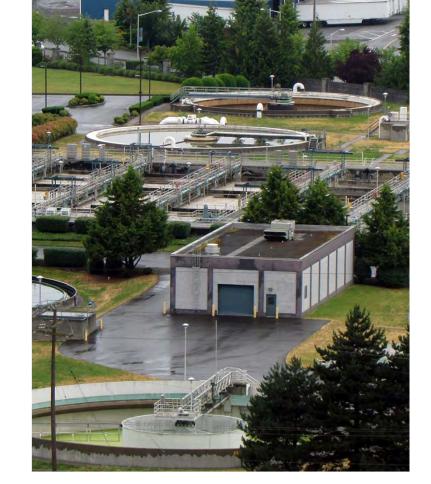
Historical process for creating CIP- Struggles and Lessons

- Too many cooks in the kitchen
 - Data entry in Access, creating project polygons in GIS, compiling cutsheets, creating PDF report
- Data integrity
 - With so many data entry points, we saw duplication of efforts and inconsistent data



Current process for creating CIP

- Moved Access database into GIS environment
- •GIS (dashboard, Survey 123, Geocortex, FME)
 - •Input project information and create cut sheets
- Excel (to create project lists/financials)
- Word (to create text documents)
- Adobe (to create pdfs)

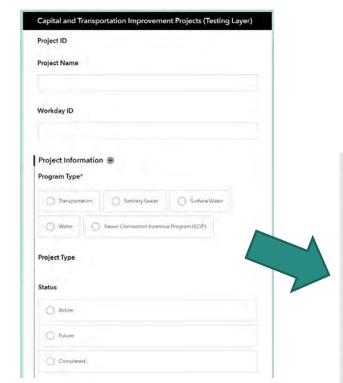


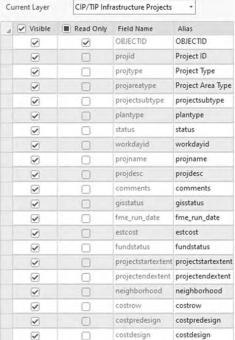


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Current process for creating CIP

- Process relied on ESRI
 Dashboard with embedded
 Survey123 survey
- Once survey was submitted, it was pushed to a backend process
- <u>Capital and Transportation</u> <u>Improvement Editor</u> (cityofvancouver.us)







Current process for creating CIP

Solution Contents

- > Pavement Moratoriums

 > External Agency Projects

 > Capital Project Plans

 > Capital Project Review

 > Capital Improvement Plan

 Capital Project Review Dashboard
 - Using GIS to create a CIP Page 7

- Tested an ESRI Solution
- "All in One" out of the box and ready to roll
- Datasets, dashboards, web pages, public and internal

ArcGIS Solutions

Getting to Know the Capital Projects Solutions (arcgis.com)

Future process for creating CIP

- •GIS (Experience Builder)
 - •View/edit project information and create cut sheets (Project managers can edit)
- Online version
- •Still need to use:
 - Excel (to create project lists/financials)
 - Word (to create text documents)
 - Adobe (to create pdfs)



<u>Capital and Transportation Improvement Project</u>
 <u>Editor (cityofvancouver.us)</u>

 https://storymaps.arcgis.com/stories/e54e89a14bf e447589daef8488e5f358



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Thank You

Questions???

