Updating WTD’s Strategic Asset Management Plan

Presentation to Engineering & Planning Subcommittee of MWPAAC
October 24, 2018
Presentation Overview

- WTD Asset Management Program
- King County Council Direction
- Update Process
WTD Asset Management Program

- WTD manages over 50,000 assets, including:
  - Equipment (including software & data)
  - Infrastructure
  - Roofing, paving, corrosion protection
  - Structures
WTD Asset Management Program

- Strategic Asset Management Plan (SAMP)
  - Started in 2005
  - Updated every 5 years

- Work Plan – reviewed every year
Work to be done

- Updates to both the SAMP and the Work Plan in 2018
- Build upon 2015 SAMP
- Asset Management Objectives and Alignment of Actions to Goals
Goals, Objectives, Strategies

- Align WTD asset management with Department and Division Goals.
- Link goals to objectives to strategies that drive actions to implement asset management.
Inventory of assets, where they are, and their condition
Minimize Risk in our system
Incorporate financial data into asset management decision making
Communicate the Plan
SAMP and Work Plan guide the program
Inventory of assets we own, where they are, and their condition

- Asset definition and
- Asset Registry and data collection
- Data Management
- Information Systems & IT
Minimize Risk in our System

- Maintenance Best Practices (MBP) development
- Developing risk assessment framework
- Advance reliability engineering
Incorporate Financial Data

- Life Cycle Cost Management
- Funding sources for asset management
- Renewal needs planning
Implement and align SAMP/Work Plan

- Define ongoing and new work
- Detailed work planning, resource needs and funding
- Two year, two – six years and plus six year outlook
- Resourcing and sequencing work plan
Next Steps

- Continued development of the SAMP and Work Plan
- Draft SAMP in mid-November, submittal in December for WTD Director’s approval
- Implement the SAMP and linkage to other Division activities
- Keep MWPAAC informed on implementation of the Work Plan
Questions or Comments on Strategic Asset Management Plan

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