I04 Control Facility
(Bridge CSO)
CSO=Combined Sewer Overflow
I04 Project Limits
What is a CSO Project?

• Construct a 250’ long by 50’ wide underground storage tank for excess stormwater – combined sewage
Combined Sewage Overflow Reduction

• Two types of sewer systems
  – Combined storm and sanitary
  – Separate storm and sanitary
    • Storm sewer (i.e. rainwater) discharges to river
    • Sanitary discharges to treatment plant
  – Spokane has both types of systems
Combined Sewer System
Combined Sewer Information

- Combined Sanitary & stormwater into the same pipe
- Combined sewage overwhelms combined sewers and the treatment plant during a storm
- To protect both, excess sewage is intentionally discharged to the river

Riverside Park Water Reclamation Facility (RPWRF)
Why build a CSO Tank?

- Compliance with EPA Clean Water Act and WAC 173-245
- CSO discharges only 1/year per outfall with EPA fines for non-compliance
I04 Project

- New sewer trunk connections:
  - Lincoln Street and
  - Monroe Street
  - Summit Blvd. (Bridge Ave.)
I04 Control Facility Layout
Connections to Existing Sewer – street impacts
I04 Project

- New street pavement where sewer trunks are connected in the streets
- New sidewalk in some areas
Traffic Detour During Construction
I04 Project – Shoreline
Conditional Use Permit

- Restore the area to crushed surfacing
- Site to provide staging area for Post St. Bridge Rehabilitation
I04 Construction Schedule

Schedule

• Est. 16-20 month duration (entire project)
• Beginning Spring 2016
• Sewer Connections in Monroe, Lincoln:
  – Fall 2016 or Spring 2017
Questions?

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Website for more CSO information:
http://www.spokanewastewater.org