



RFQ INFORMATIONAL SESSION

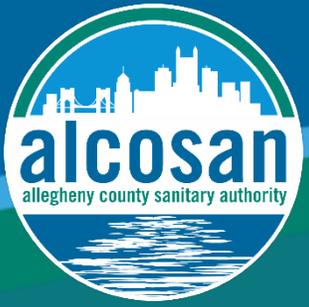
REGIONAL CONVEYANCE VALVE REPLACEMENT CONTRACTS DESIGN/CM Services

09/28/2022 10:00AM



Overall Program Coordination

- ALCOSAN Staff
- Municipal partners



Allegheny County Sanitary Authority

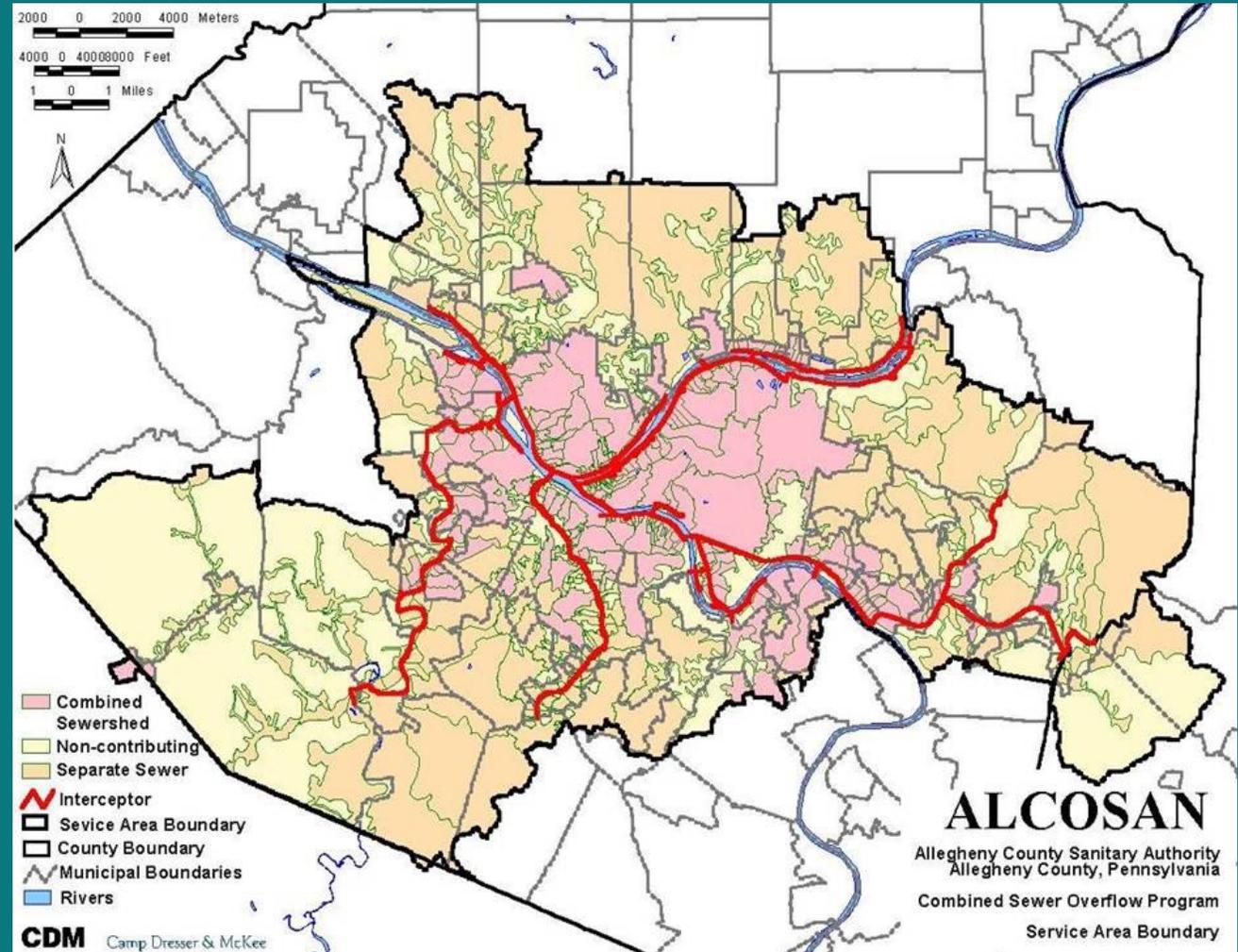


- One 250-MGD WWTP
- 83 Municipalities including the City of Pittsburgh
- Regional collection system
- Modified Consent Decree approved May 15, 2020



Valves of interest

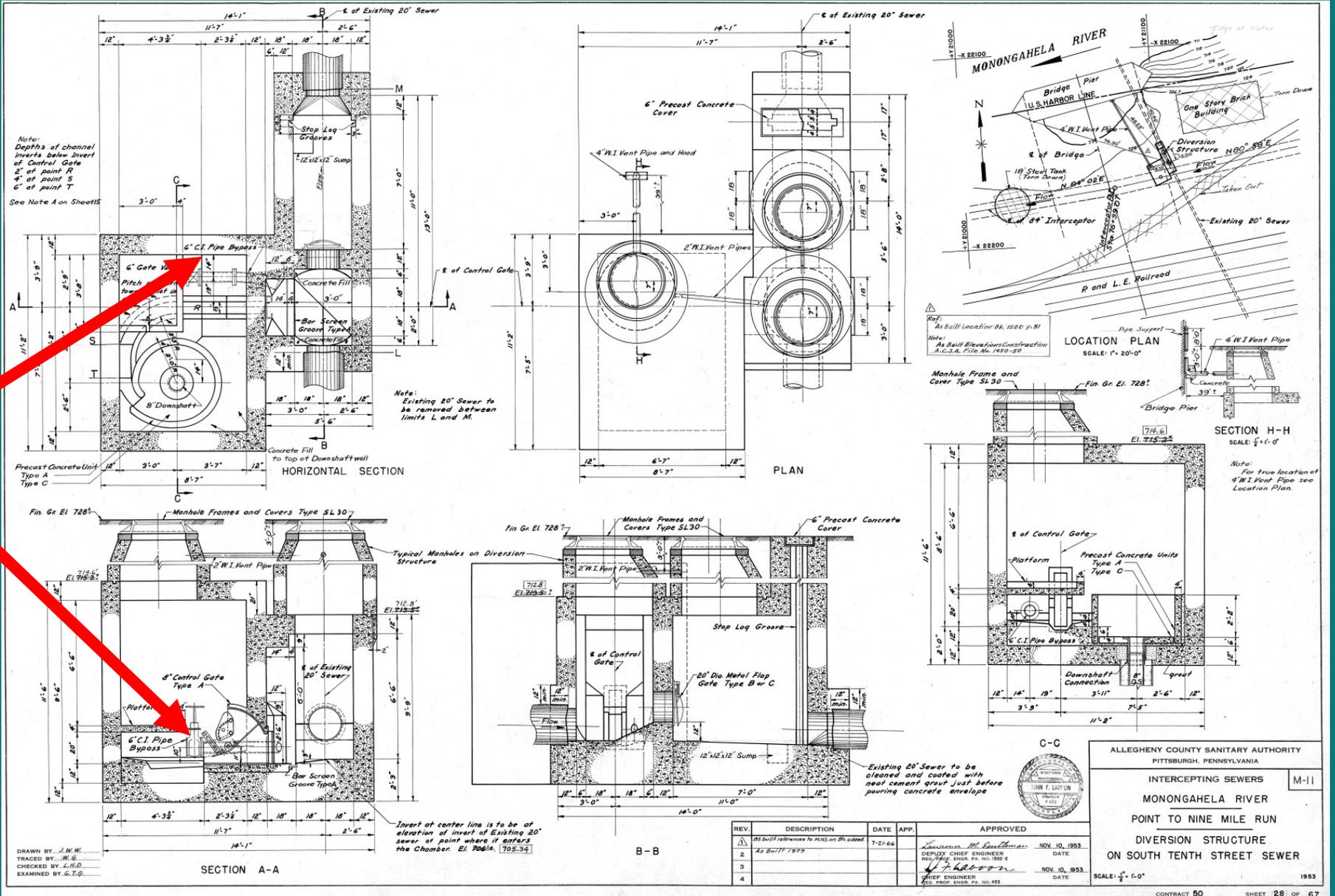
- Approximately 90 miles of interceptors (shown in red)
- Valves under investigation are all throughout the system and include:
 - 20 regulator mechanical valves
 - 8 flap gates
 - 5 stop logs
 - 30 sluice gates





Mechanical Valve (typical)

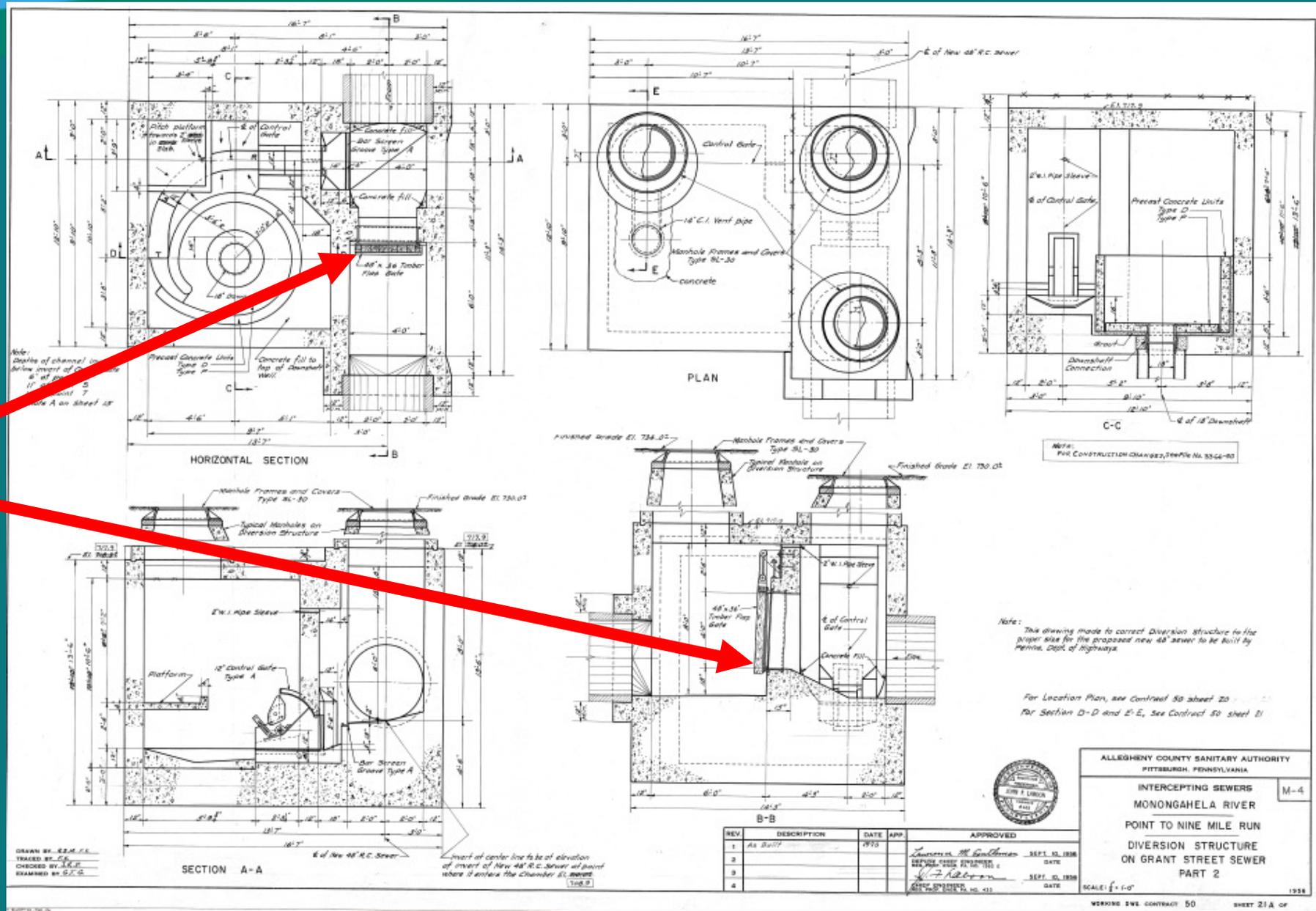
6" C.I. Pipe Bypass





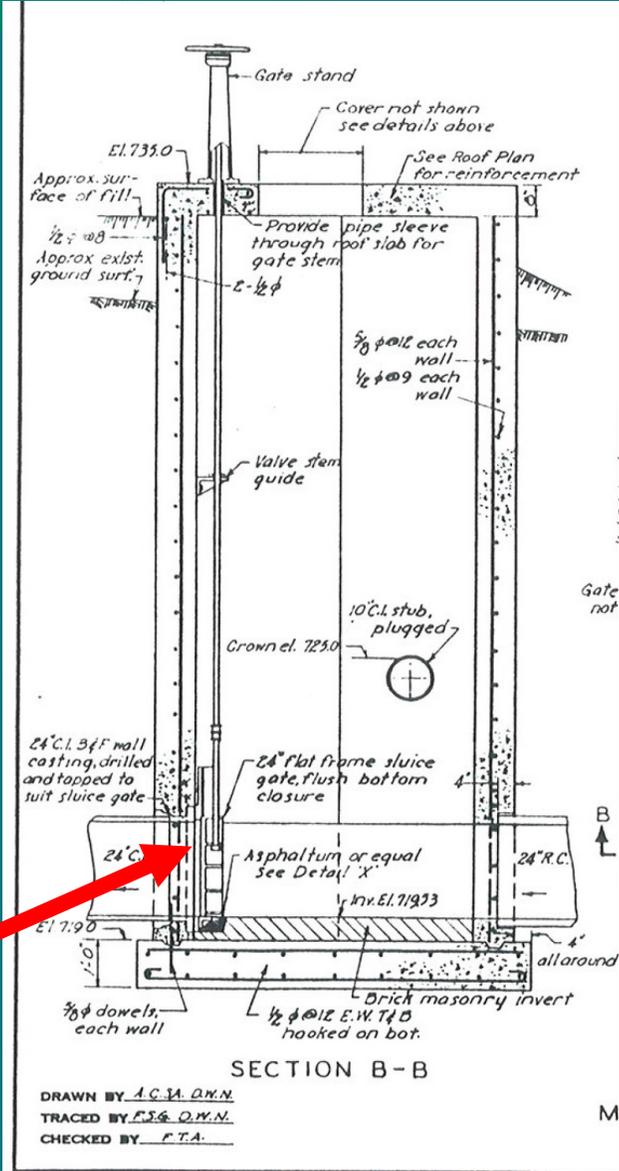
Flap Gate (typical)

Timber Flap Gate





Sluice Gate (typical)



Sluice Gate



Contract Packaging

Two contracts to address the repair/replacement needs

- Contract 1: sluice gates, mechanical valve repair/replacement
- Contract 2 flap gates/stop log contract



Key Schedule Considerations

- Project requiring careful development of an integrated design, procurement and construction schedule for multiple contracts
- There is a long lead time on flap gates, sluice gates and mechanical valves, the schedule will need to account for the ability to have materials shipped.
- The project includes design, procurement assistance, construction inspection and management, developing the maintenance and operation of the equipment
- ALCOSAN is operator of any and all valves, stems, actuators and gates. Consultant will coordinate with ALCOSAN to have personnel available operate equipment.



Construction Management Services

- Provide bidding assistance
- Provide CM services during the construction, including resident inspection
- Coordinate and document start-up
- Generate equipment maintenance schedule



Procurement Schedule (tentative)

November 1 2022 2PM

RFQ submittal

Q4 2022

RFP release

Q1 2023

Consultant Selection

February 2023

Notice to Proceed

Q1 2024

Final Design

Q2 2024

Construction Advertisement

Q3 2024

Construction Notice to Proceed



Questions/Comments