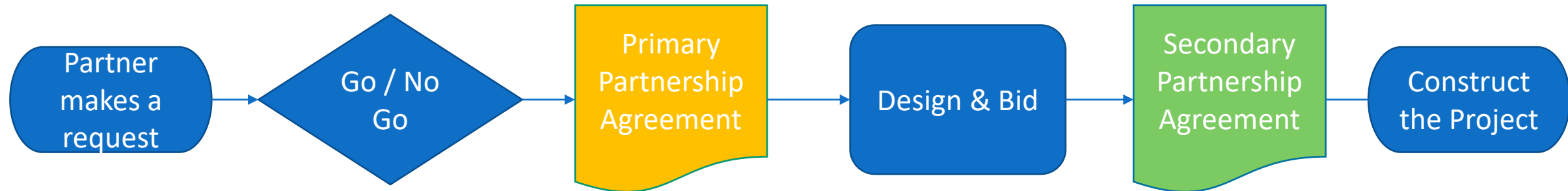


Water Projects of Opportunity Partnerships Process Summary

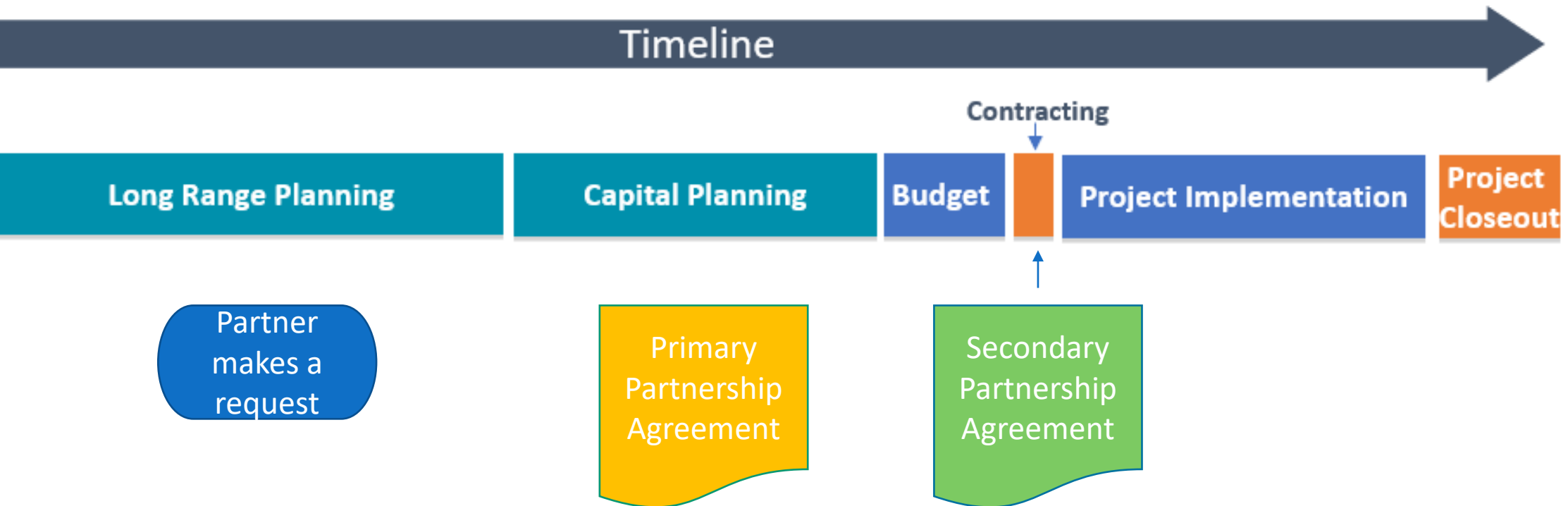
July 26, 2023



Distribution Main Replacement Projects (MRP) Projects of Opportunity's Partnership Process



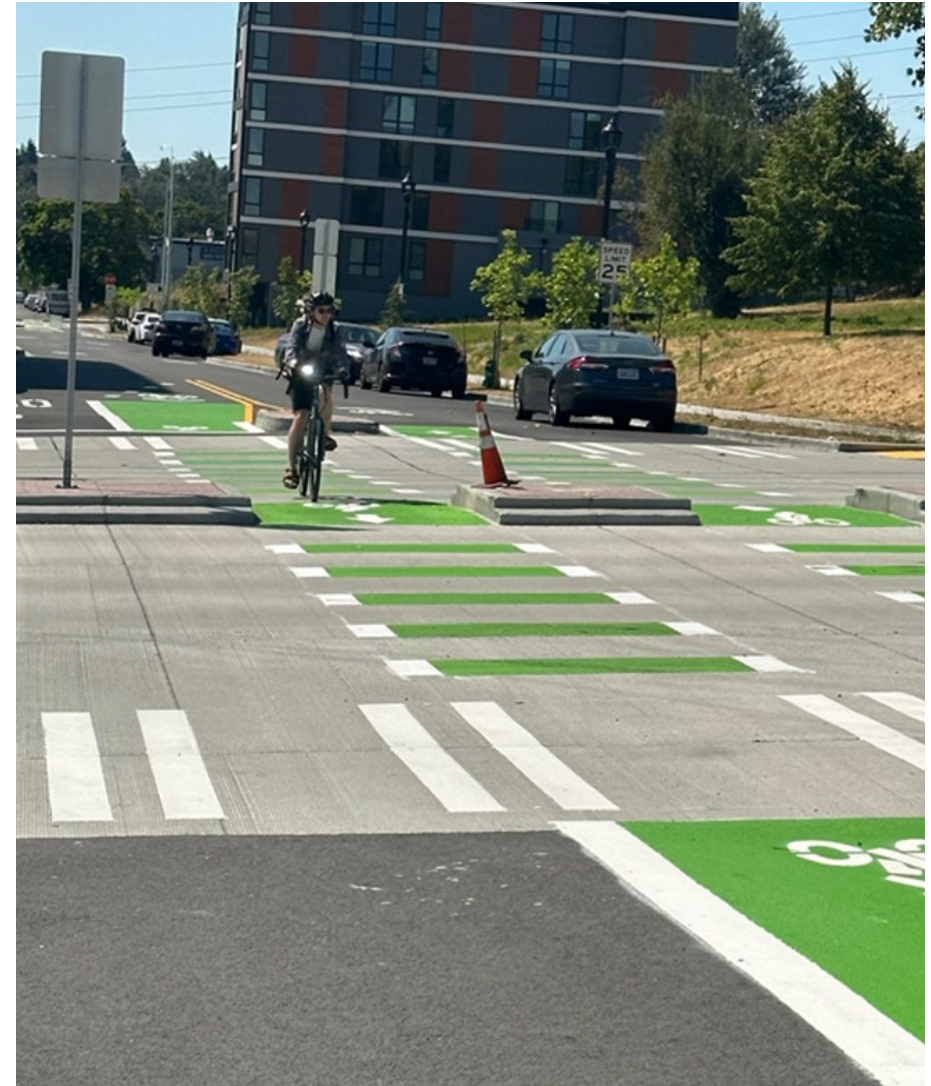
Project Process Overview





Considerations

- Cost-benefit of the project based on economic modeling (risk vs. replacement costs)
- Future system needs using hydraulic modeling
- Condition Assessment
- Risk-driven Prioritization based on likelihood and consequence of failure
 - Risks during construction, such as deep sewer crossings
 - Relocating out from underneath new roadway features, such as roundabouts
 - Risks of leaking after construction, such as shallow pipes
- Engineering judgement



FAWCETT AVENUE & S. 19th STREET

Partner Agreements

Primary Partnership Agreement

Primary Partnership Agreement

- Summarizes design and construction cost allocations
- Anticipated Project Extents
- Design process and responsibilities,
- Expected road resurfacing cost responsibility by proportionate share

Secondary Partnership Agreement

The Secondary Partnership Agreement

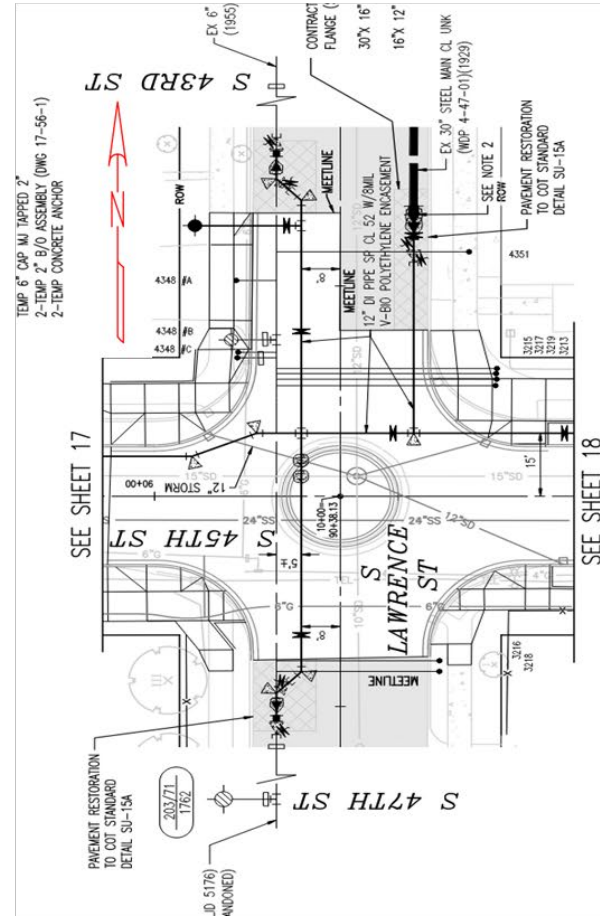
- Included with the Board Action Memo
- Detailed agreement of actual costs
- Based on the construction bid items



FAWCETT AVENUE & S. 11th STREET

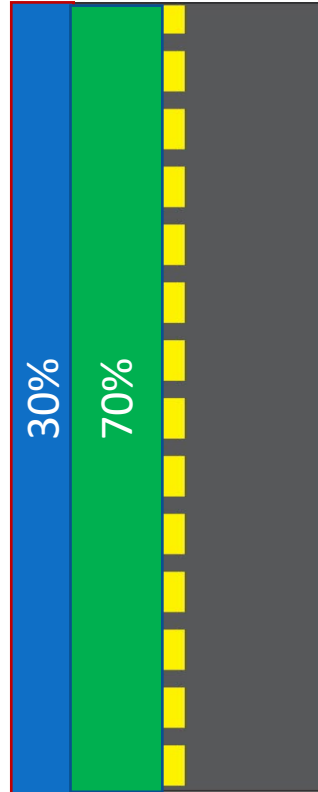
Complex Coordination with Other Utilities

Design & Bid



MADISON DISTRICT - PUBLIC WORKS & ENVIRONMENTAL SERVICES

Restoration Savings



BREWERY DISTRICT FAWCETT AVENUE & S. 11TH STREET
PARTNER PROJECT - PUBLIC WORKS & ENVIRONMENTAL SERVICES

Thank you

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Planning & Engineering Manager

Tacoma Water

