

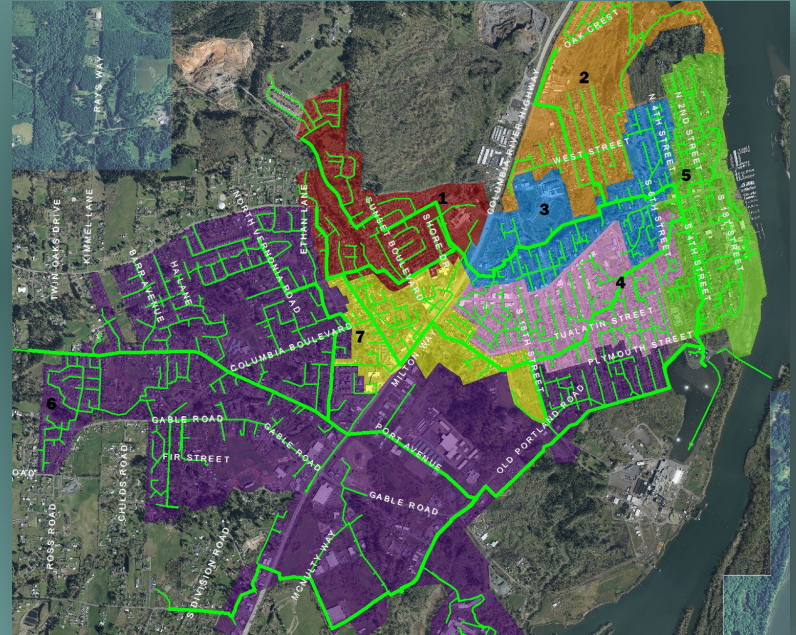


Wastewater Collection System Capacity Improvements Update

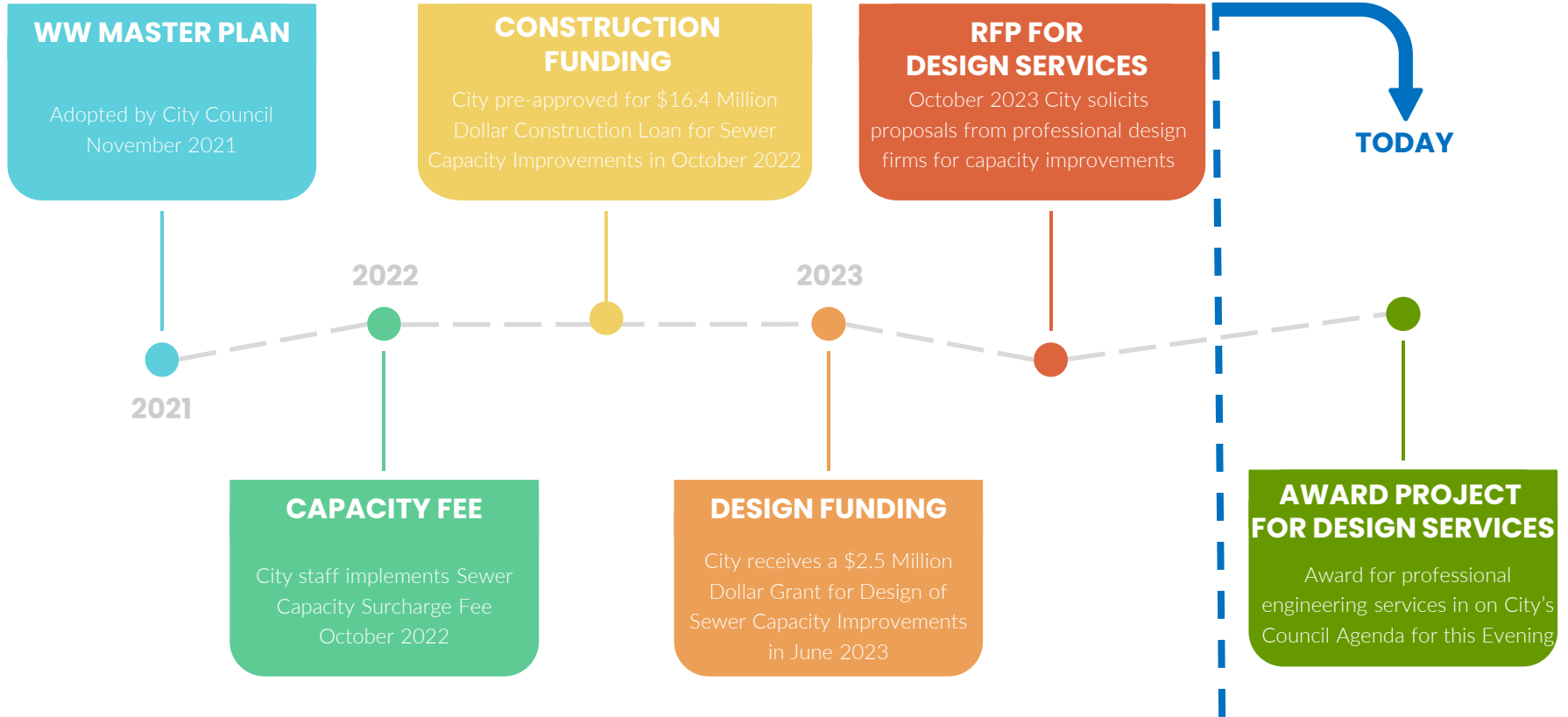
Mouhamad Zaher, Public Works Director
Sharon Darroux, Engineering Manager

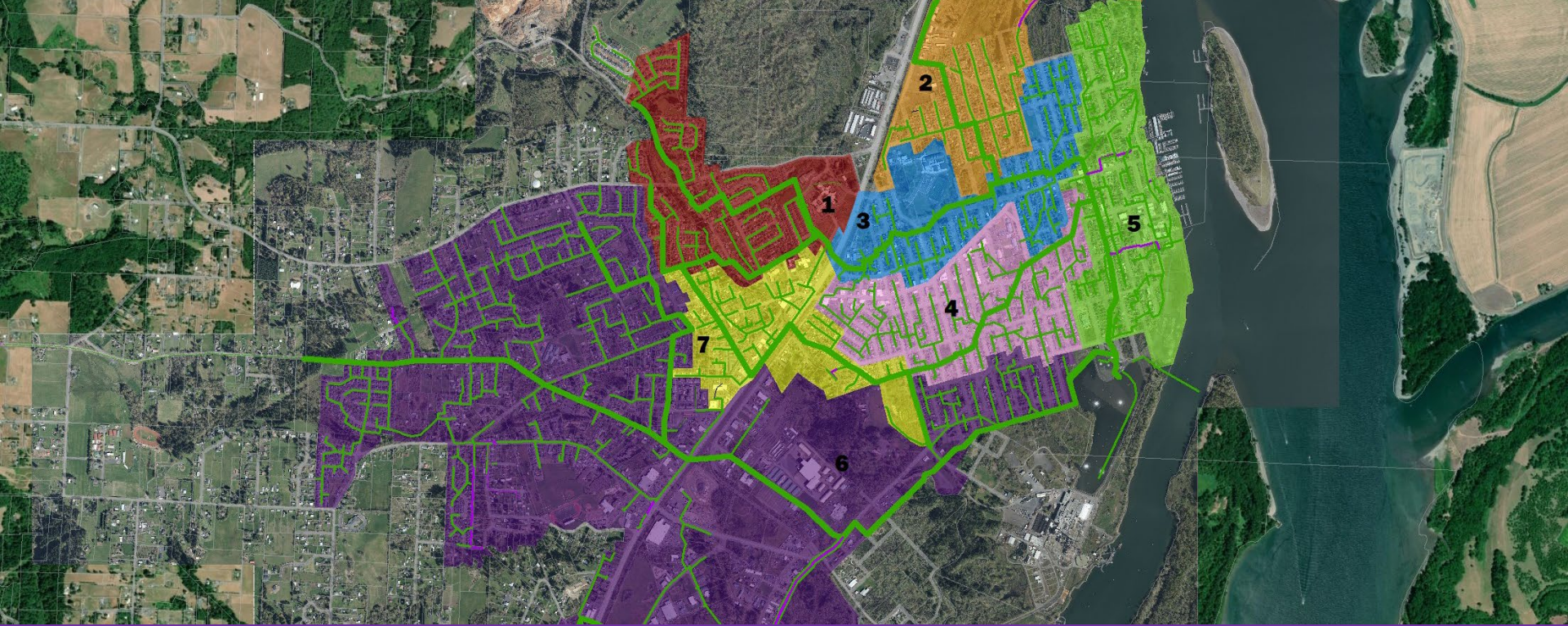
Project Background

- 2021 Wastewater Master Plan - Sewer collection system deficiencies
- Impacts to development
- Sewer surcharge capacity fee
- Phase 1 Improvements:
 - Basin 4 (Middle Trunk)
 - Basin 5 (The Interceptor)
 - Basin 6 (South Trunk)



Wastewater Capacity Improvements Project Timeline





SEWER COLLECTION SYSTEM
SEWER BASINS

Overview of Proposed Basin 4 Middle Trunk Improvements



PROPOSED REROUTE OF
BASIN 4 FLOWS FROM
BASIN 5 TO BASIN 6

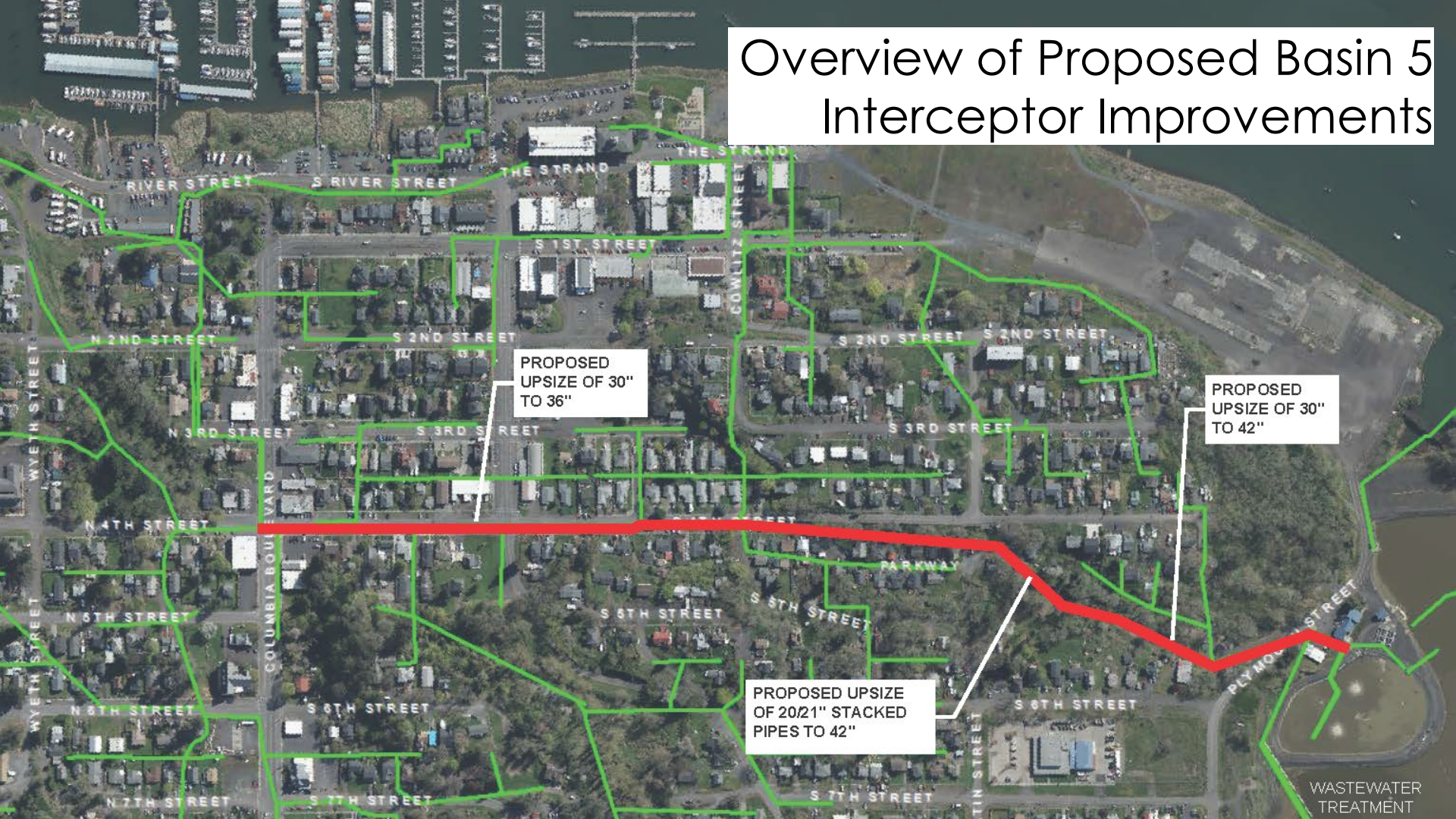
PROPOSED 15"

PROPOSED
UPSIZE OF 10"
TO 12"

PROPOSED
UPSIZE OF 12"
TO 15"

WASTEWATER

Overview of Proposed Basin 5 Interceptor Improvements



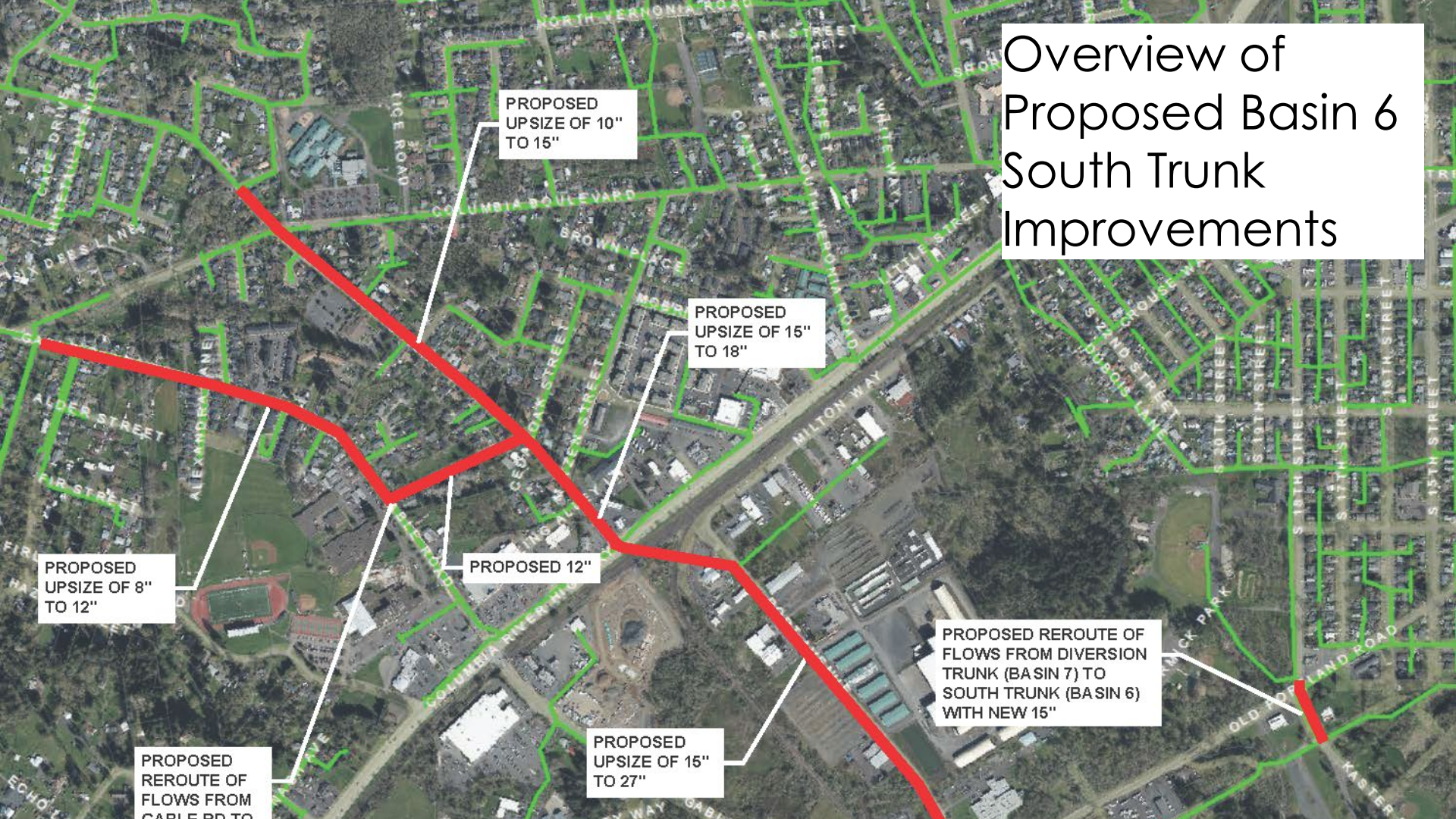
PROPOSED
UPSIZE OF 30"
TO 36"

PROPOSED
UPSIZE OF 30"
TO 42"

PROPOSED UPSIZE
OF 20/21" STACKED
PIPES TO 42"

WASTEWATER
TREATMENT

Overview of Proposed Basin 6 South Trunk Improvements



PROPOSED
UPSIZE OF 10"
TO 15"

PROPOSED
UPSIZE OF 15"
TO 18"

PROPOSED
UPSIZE OF 8"
TO 12"

PROPOSED 12"

PROPOSED
UPSIZE OF 15"
TO 27"

PROPOSED REROUTE OF
FLOWS FROM DIVERSION
TRUNK (BASIN 7) TO
SOUTH TRUNK (BASIN 6)
WITH NEW 15"

PROPOSED
REROUTE OF
FLOWS FROM
CABLE RD TO

Wastewater Capacity Project Engineering Consultant Selection Process

Request for Proposals

- Qualifications
- Project Team Experience
- Quality Management

Proposal Selection Team

- Review & Score Proposals
- Shortlist 2 firms for interview
- Review Price Proposal

Proposals Received

- Tetra Tech
- Keller Associates
- Consor

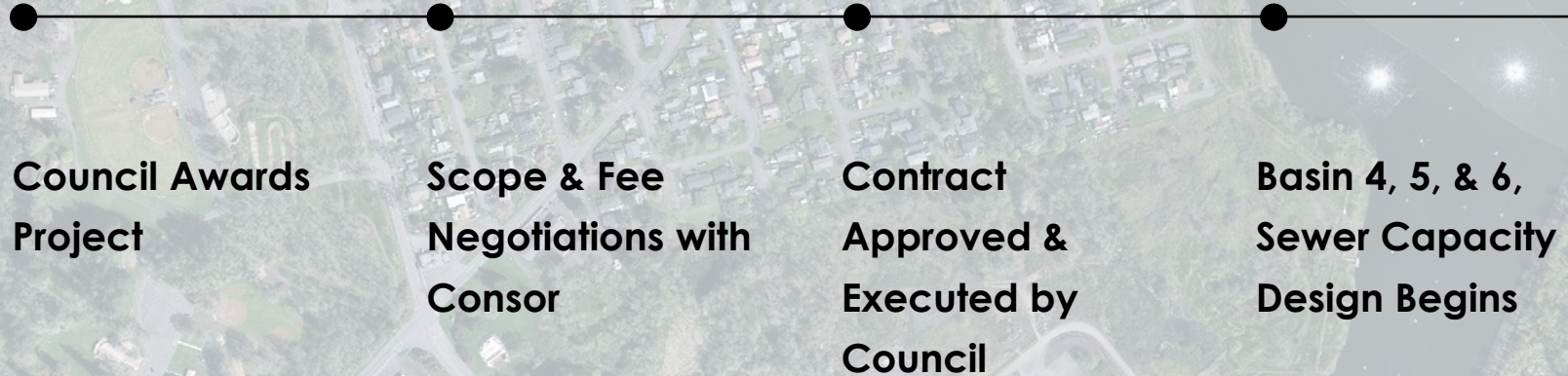
Final Selection

- Consor

- 
- \$2.5M CDBG Grant to Fund Design
 - Grant & \$1.5M in Loan Forgiveness will reduce SRF Construction Loan from \$16.4M to \$12.4M

PROJECT COSTS FORECAST

Next Steps



Questions?

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