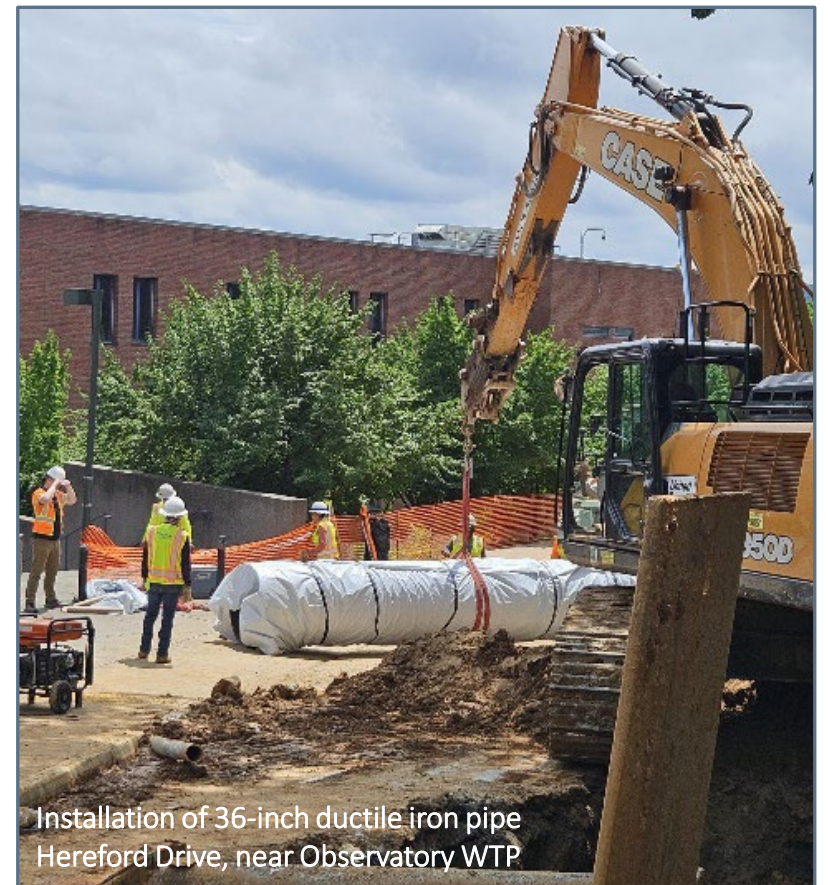


Central Water Line Construction Project Update



*Presented to Charlottesville City Council
By Bill Mawyer, Executive Director, RWSA
August 4, 2025*



Overview of the Central Water Line Project

- Scope of Work

- 5 miles of 24" and 30" drinking water piping
- 0.6 miles of 2", 8" and 12" drinking water piping for City Utilities
- Installed primarily under City streets
- Construction schedule: October 2025 – December 2029
- Estimated Cost: \$79 M Funding: 48% City Utilities, 52% ACSA
- Community Information Meeting

September 16, 5 - 6:30 pm, Carver Recreation Center

- Project Purpose

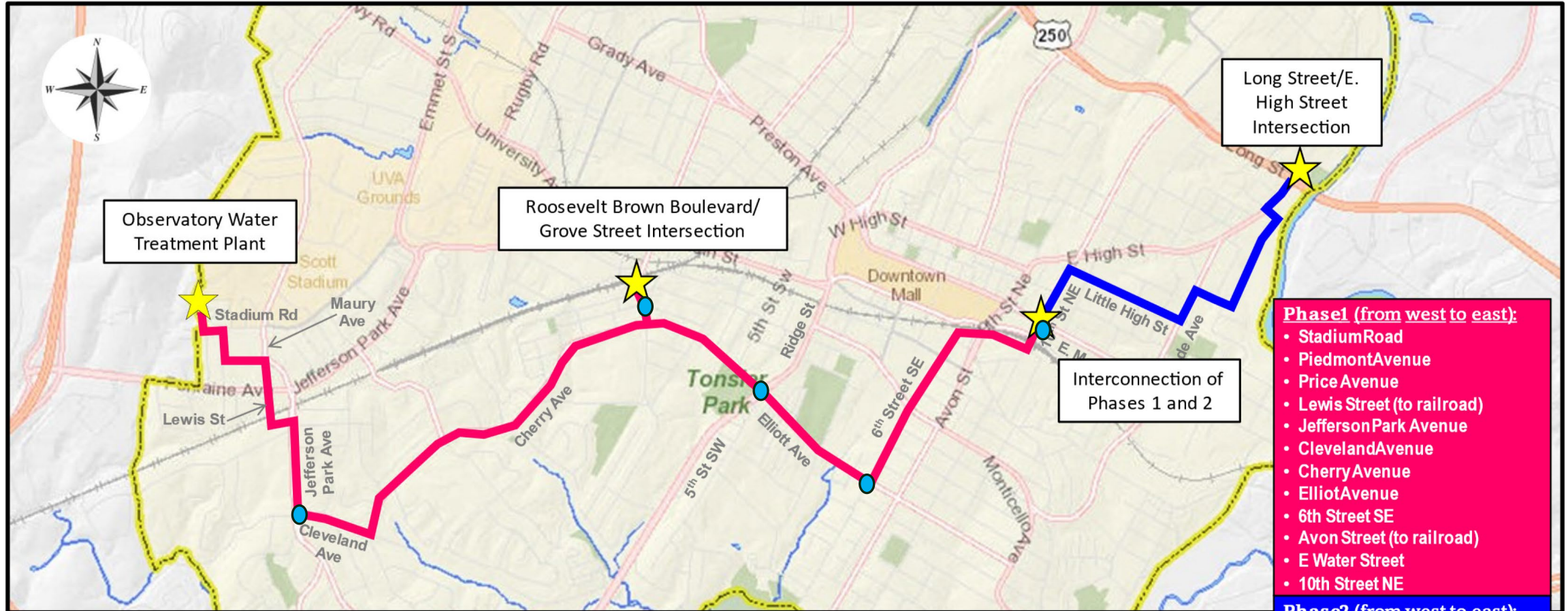
- Move drinking water more effectively in the piping system
- Utilization of the full production capacity of the Observatory WTP
10 million gallons per day

- History

- 1987 Southern Loop Agreement
- 2020 Observatory Water Treatment Plant, Piping and Pumping Agreement
- 2021 Central Water Line Routing Study
- 2022 CWL Route Approved by City Council and RWSA Board



Central Water Line Project



CENTRAL WATER LINE PROJECT PHASING MAP

- PHASE 1 – Hereford Drive to E. Market Street
- PHASE 2 – E. Market Street to E. High Street
- CWL Connection to City Water Pipe

Central Water Line Project, Phase 1

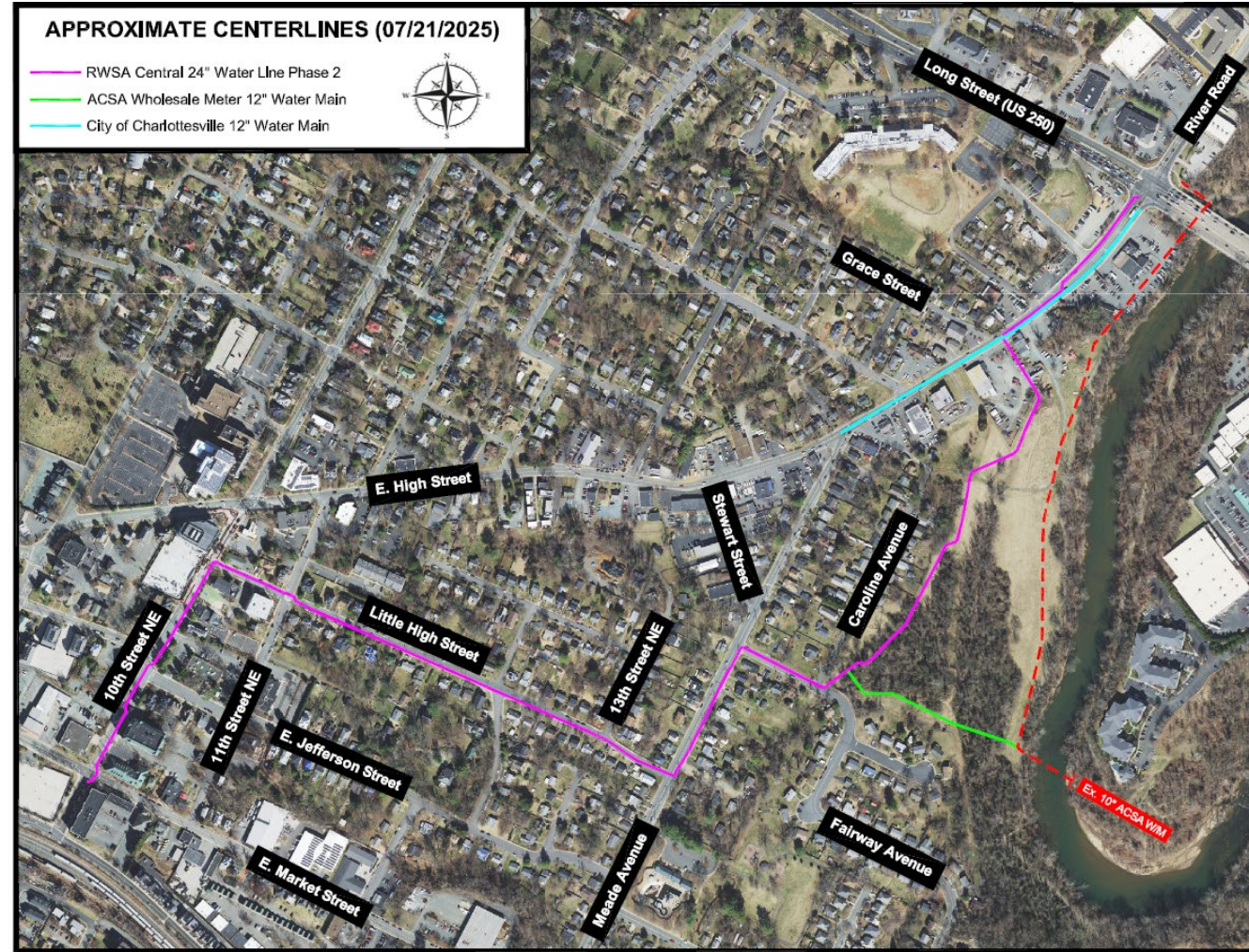
- 4-miles of drinking water piping primarily in City streets
- New City water lines
 - 240 LF of 2" drinking water piping in Lewis St.
 - 1,285 LF of 8" drinking water piping in Cleveland Ave.
 - est. \$940,000
 - *including design, inspection and 10% contingency*
 - *funding: 100% City Utilities*
- Awarded to Sagres Construction
 - Budget = \$58 M
 - *including design, inspection and 10% contingency*
 - *funding: 48 % City Utilities*
52% ACSA
 - Construction Schedule
Oct 2025 – Aug 2029



Installation of 36-inch ductile iron pipe
Hereford Drive, near Observatory WTP

Central Water Line Project, Phase 2

- 1-mile of 24" drinking water piping primarily in City streets
- New City water line
 - 1,500 LF of 12" piping in E. High St.
- New Albemarle Co Service Authority water line
- Budget: \$21 M
- Funding
 - 48 % City Utilities, 52% ACSA
- Construction Schedule
 - May 2026 – 2028
- Easements to be requested



Water Supply Projects

(July 23, 2025)

Total Project Cost

1. RMR to OBWTP Raw Water Pipe & Pump Station

\$62 M

2025-2029: *Awarded Oct 2024*

Pipe: 80% ACSA / 20% City

PS: 72% ACSA / 28% City

2. Central Water Pipe

\$79 M

2025-2029:

Phase 1: *Awarded June 2025: \$58 M*

Phase 2: *Award Dec 2025: \$21M*

52% ACSA / 48% City

3. Raise RMR Water Level

\$13 M

2025-2026: *Awarded June 2025*

80% ACSA / 20% City

4. SRR to RMR Raw Water Pipe

\$120 M

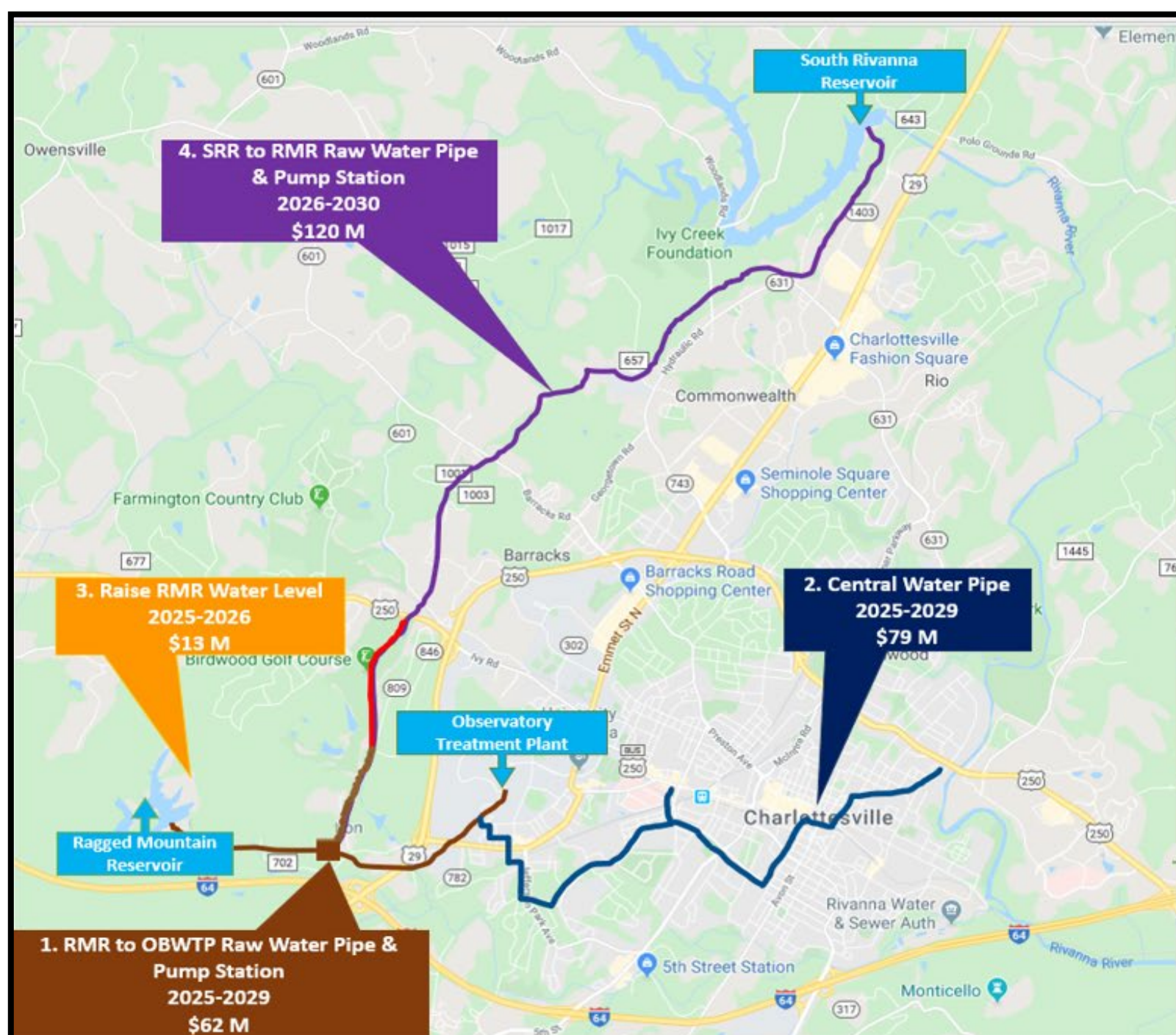
2026-2030: *Award Dec 2025*

80% ACSA / 20% City

ACSA \$195 M

City Utilities \$79 M

\$274 M



Questions?



Community Information Meeting
September 16, 5 - 6:30 pm, Carver Recreation Center