

Increase pipe size in problem areas

Close existing bypass valve

Legend

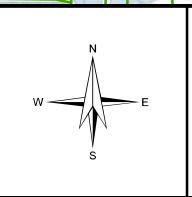
- Upsize Gravity Pipe
- Area 2 Trunk
- Gravity Pipe
- Force Main
- Parcel
- UGB
- Water
- Direction of Flow

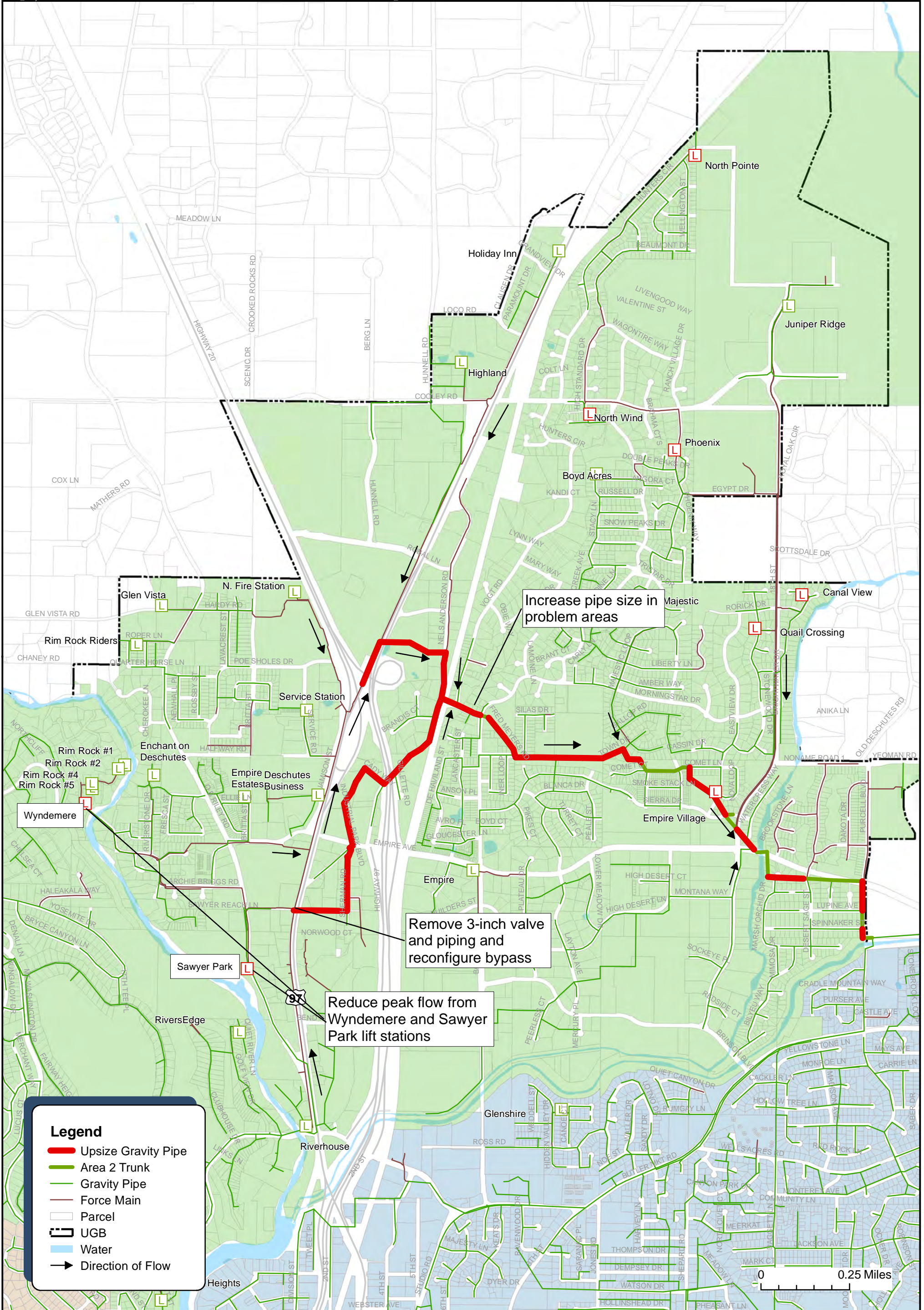
0 0.25 Miles



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Immediate Capacity Issues
City of Bend
Collection System Master Plan
WORK IN PROGRESS - SUBJECT TO CHANGE

Area 2 Solution 1
Gravity Sewer





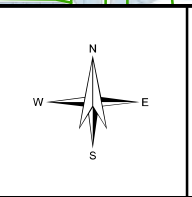
Legend

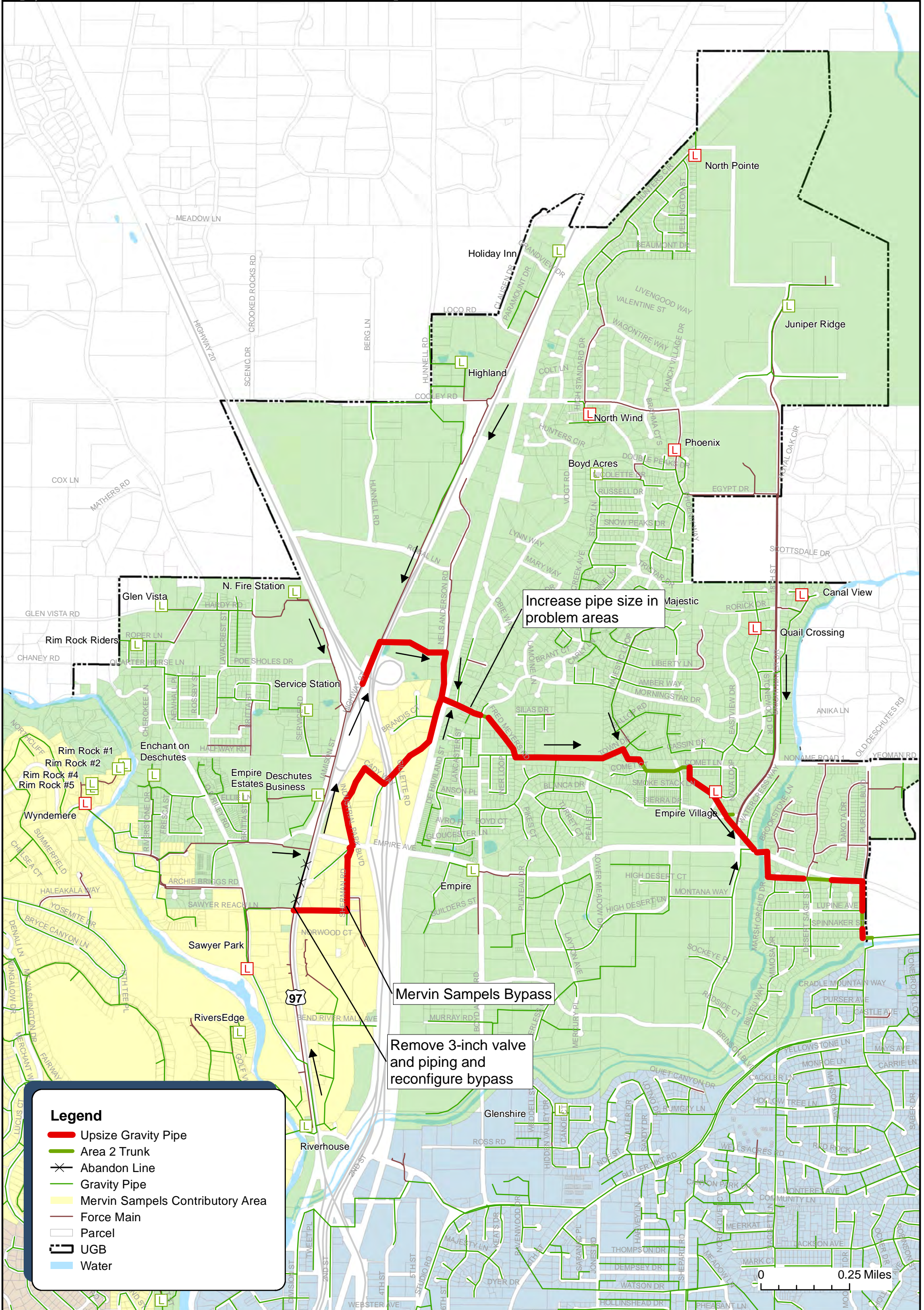
- Upsize Gravity Pipe
- Area 2 Trunk
- Gravity Pipe
- Force Main
- ▭ Parcel
- - - UGB
- Water
- Direction of Flow



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Area 2 Solution 2
Reduced VFD Pumping at
Sawyer and Wyndemere





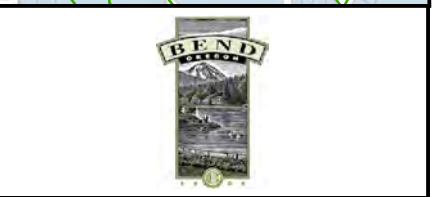
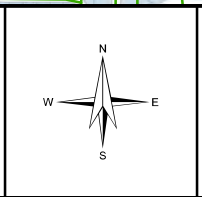
Legend

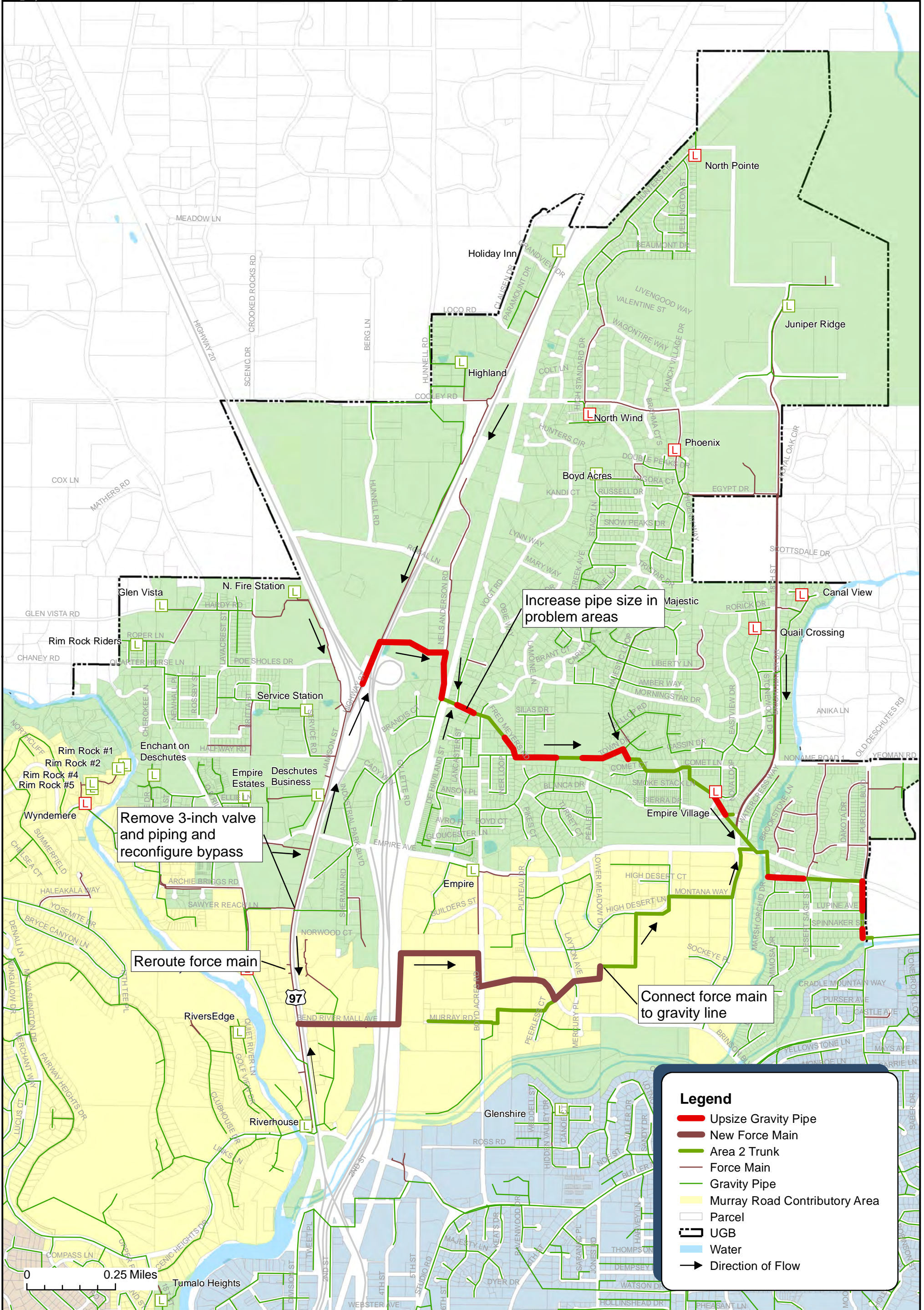
- █ Upsize Gravity Pipe
- █ Area 2 Trunk
- ✕ Abandon Line
- Gravity Pipe
- Mervin Sampels Contributory Area
- Force Main
- Parcel
- UGB
- █ Water



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Area 2 Solution 3
South Force Main to
Mervin Sampels





Legend

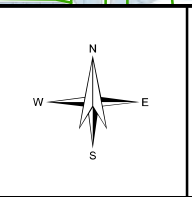
- █ Upsize Gravity Pipe
- █ New Force Main
- █ Area 2 Trunk
- █ Force Main
- █ Gravity Pipe
- Murray Road Contributory Area
- Parcel
- UGB
- Water
- Direction of Flow

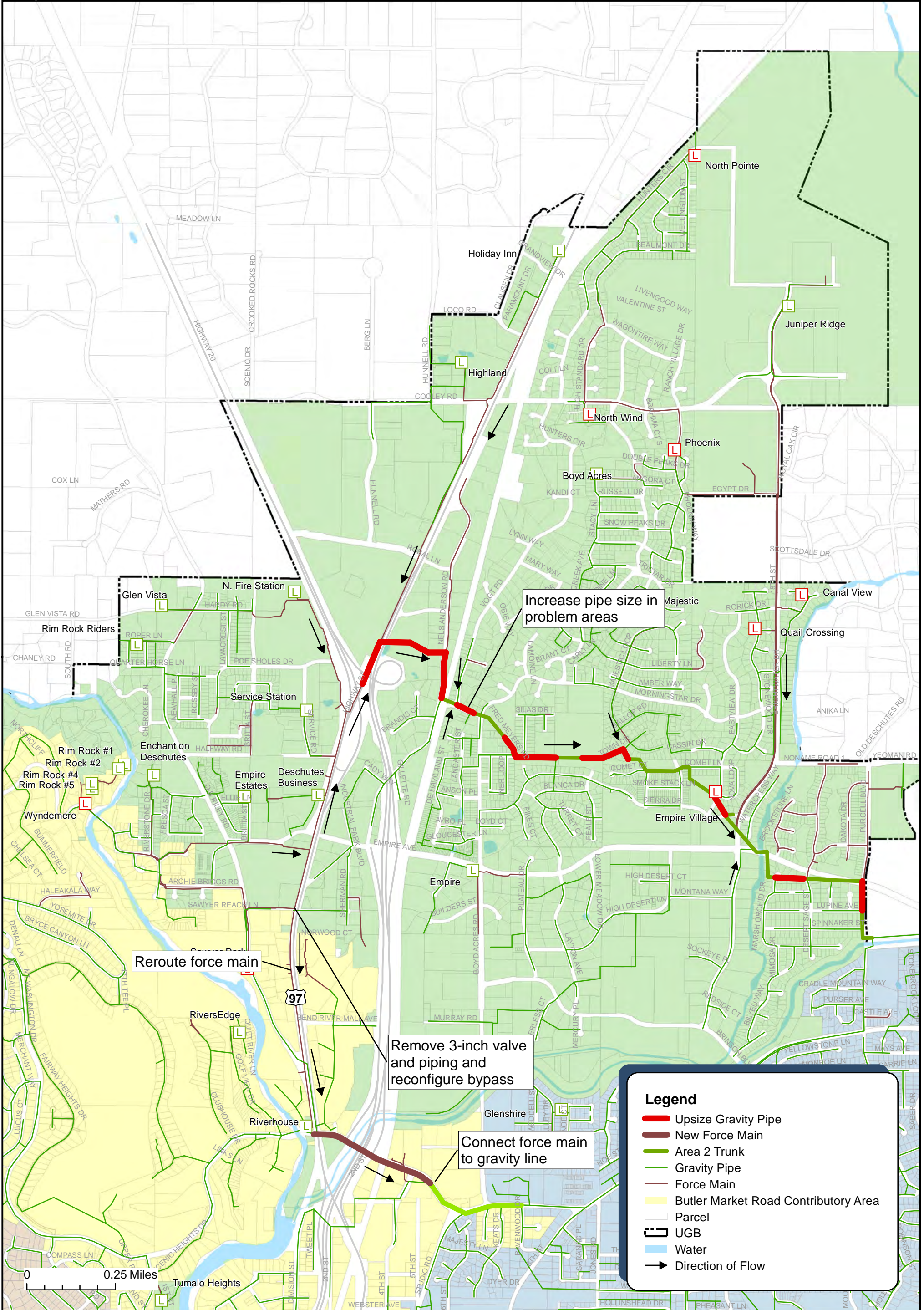
0 0.25 Miles



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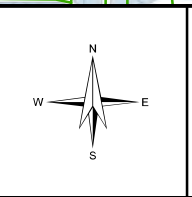
Area 2 Solution 4
South Force Main
to Murray

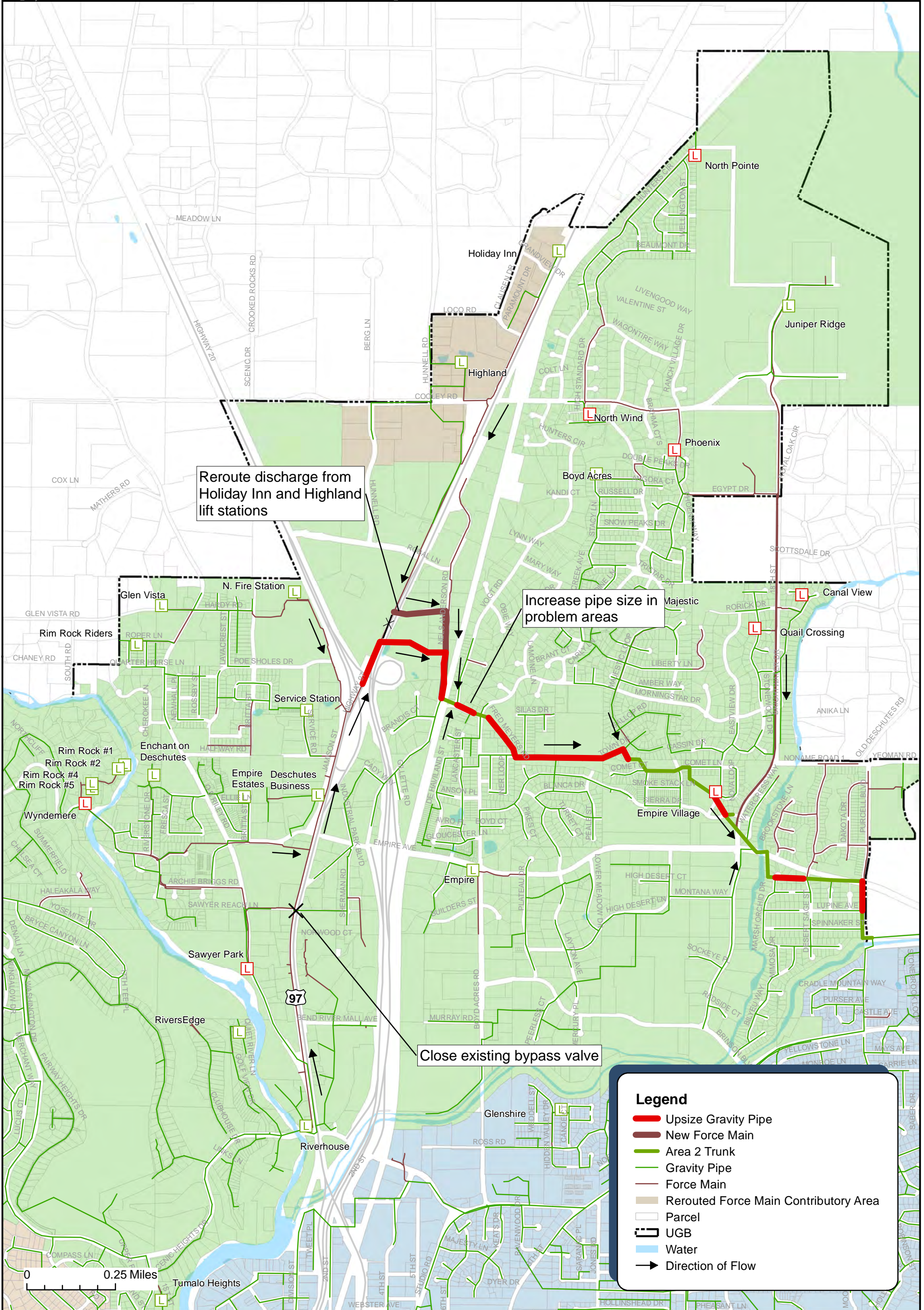




Legend

- Upsize Gravity Pipe
- New Force Main
- Area 2 Trunk
- Gravity Pipe
- Force Main
- Butler Market Road Contributory Area
- Parcel
- UGB
- Water
- Direction of Flow





Reroute discharge from Holiday Inn and Highland lift stations

Increase pipe size in problem areas

Close existing bypass valve

Legend

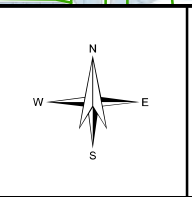
- Upsize Gravity Pipe
- New Force Main
- Area 2 Trunk
- Gravity Pipe
- Force Main
- Rerouted Force Main Contributory Area
- Parcel
- UGB
- Water
- Direction of Flow

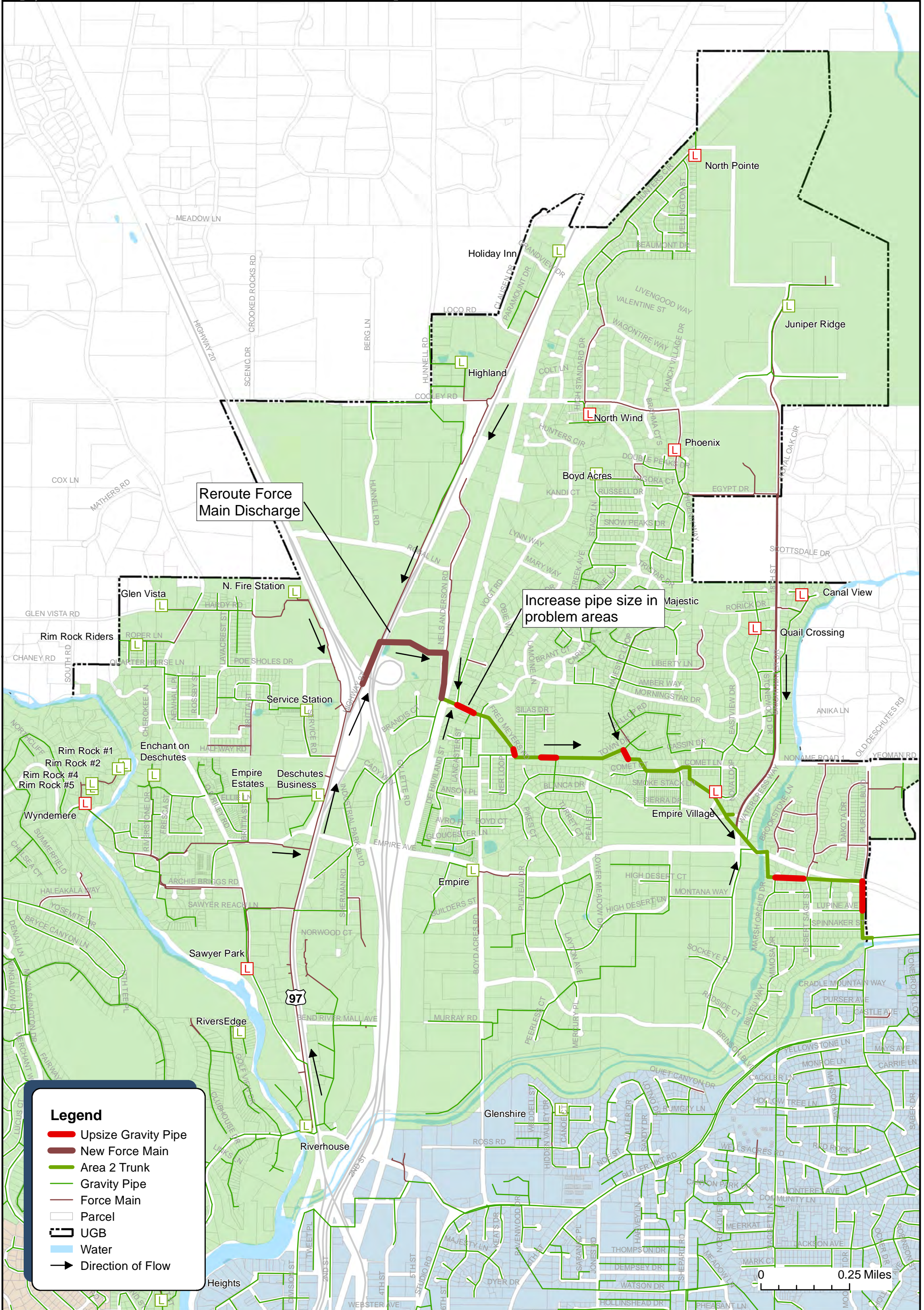
0 0.25 Miles

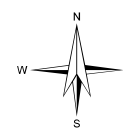
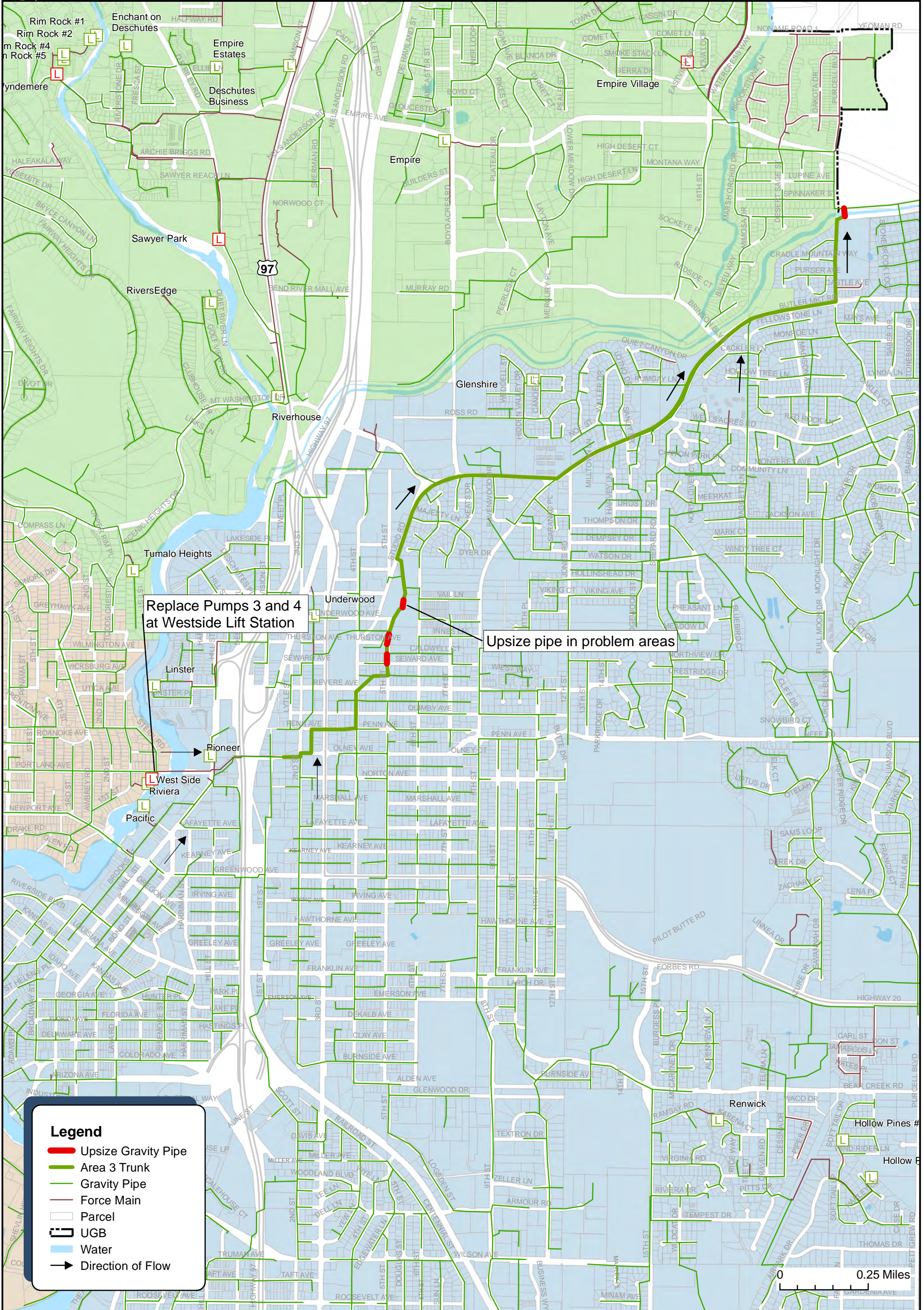


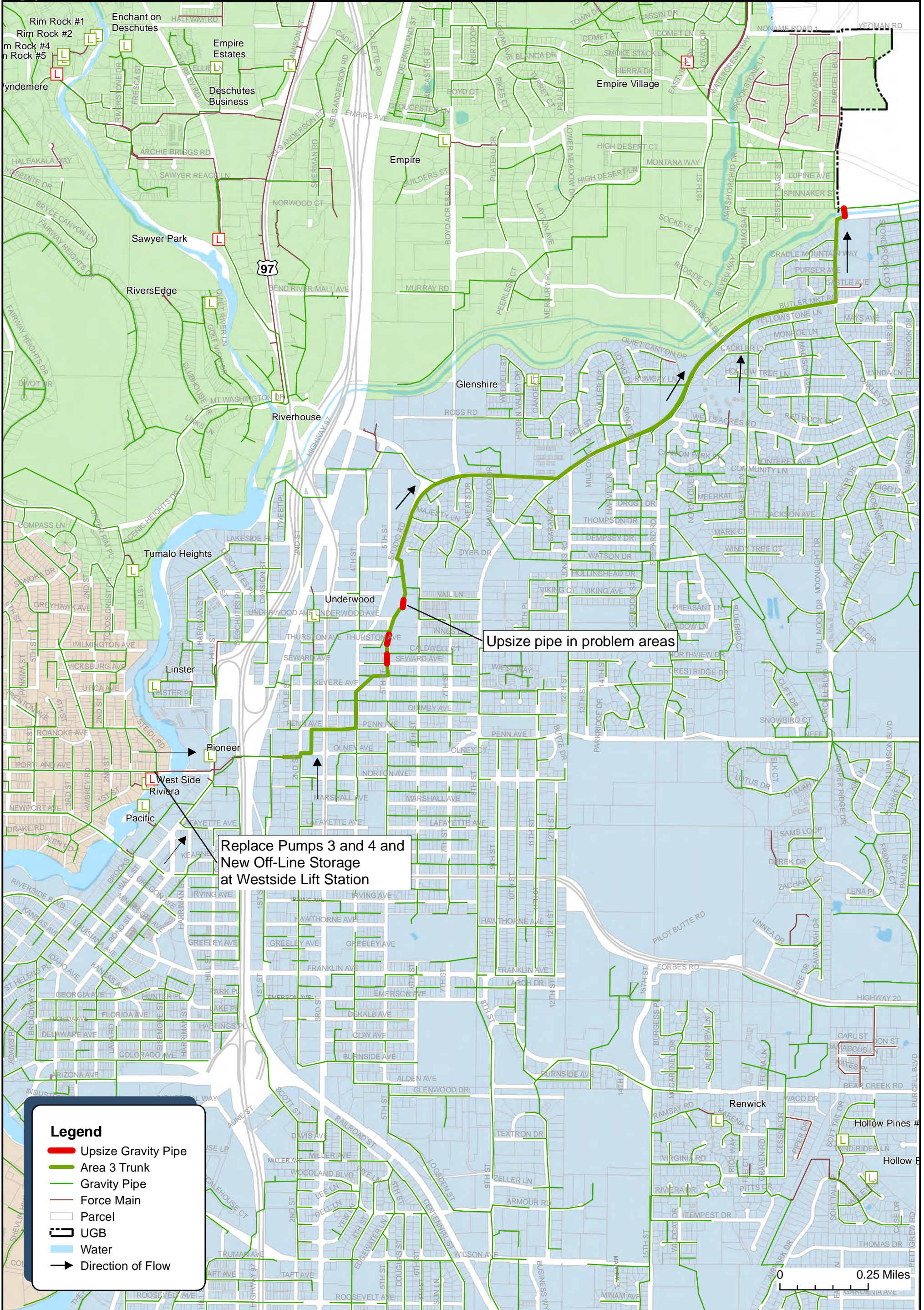
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Area 2 Solution 6
North Force Main to
Fred Meyer Rd.









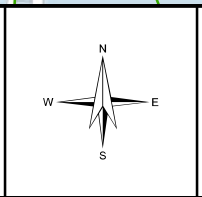
Legend

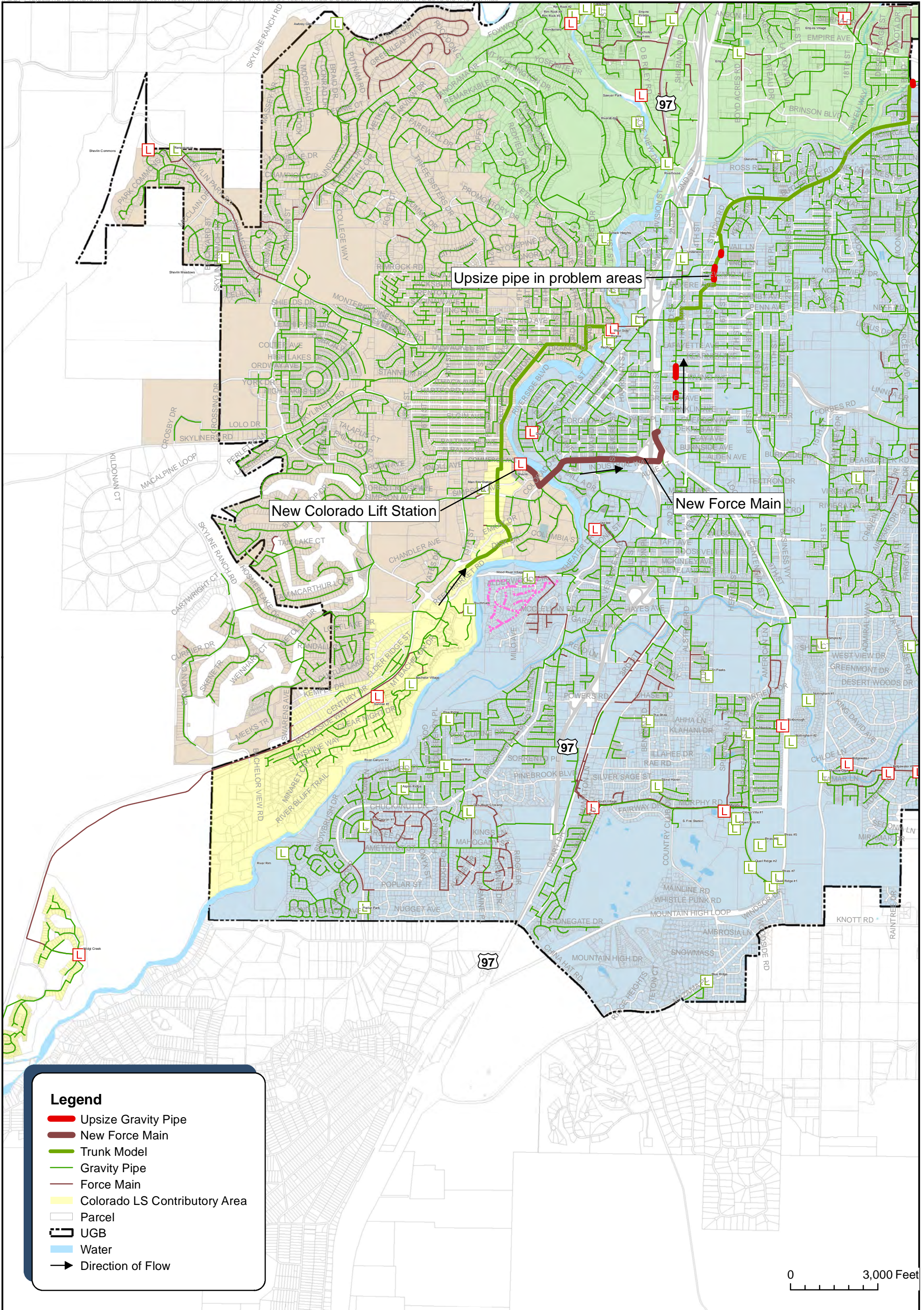
- Upsize Gravity Pipe
- Area 3 Trunk
- Gravity Pipe
- Force Main
- Parcel
- UGB
- Water
- Direction of Flow

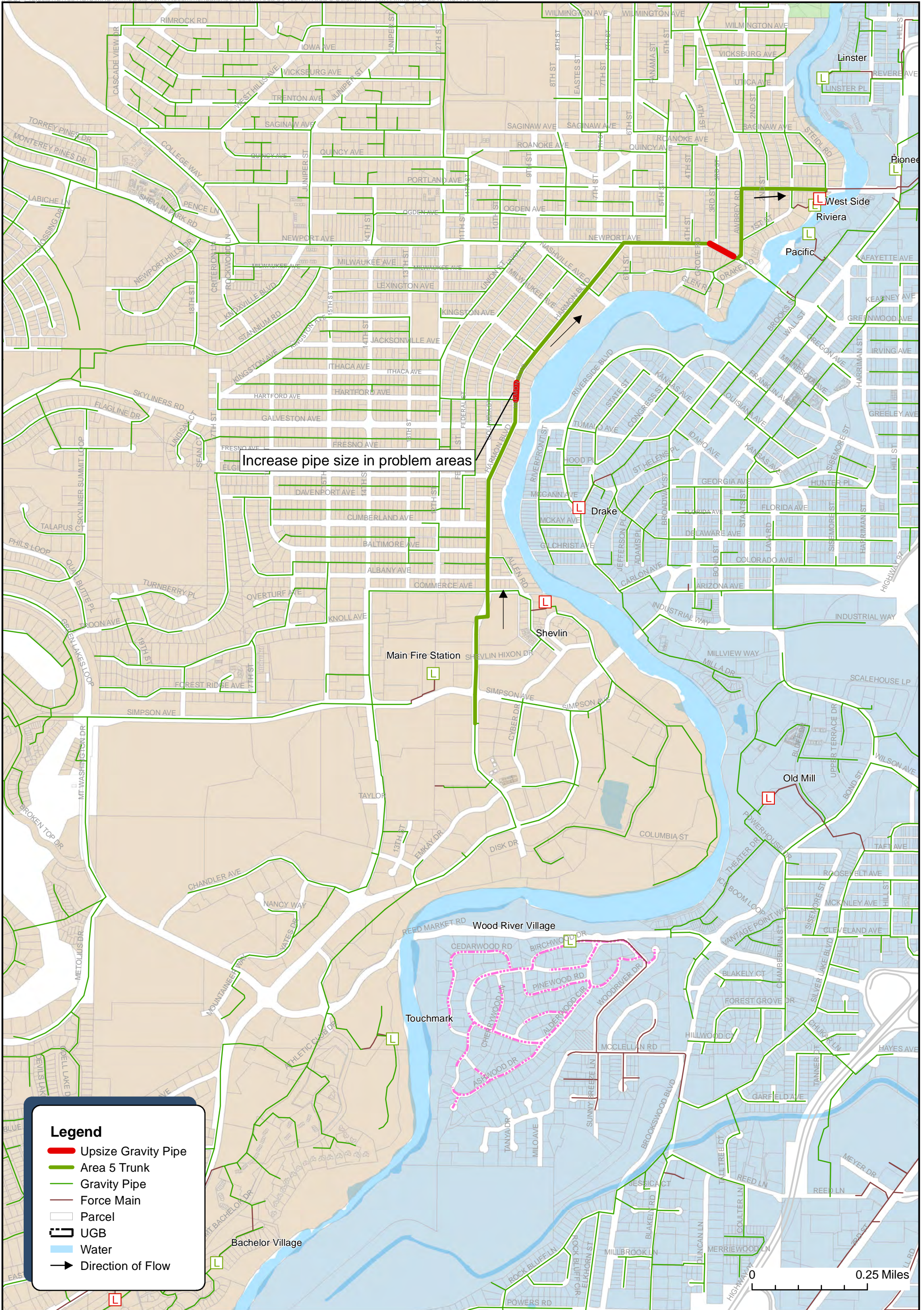


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Area 3 Solution 2
Westside P3 & P4,
Includes Offline Storage



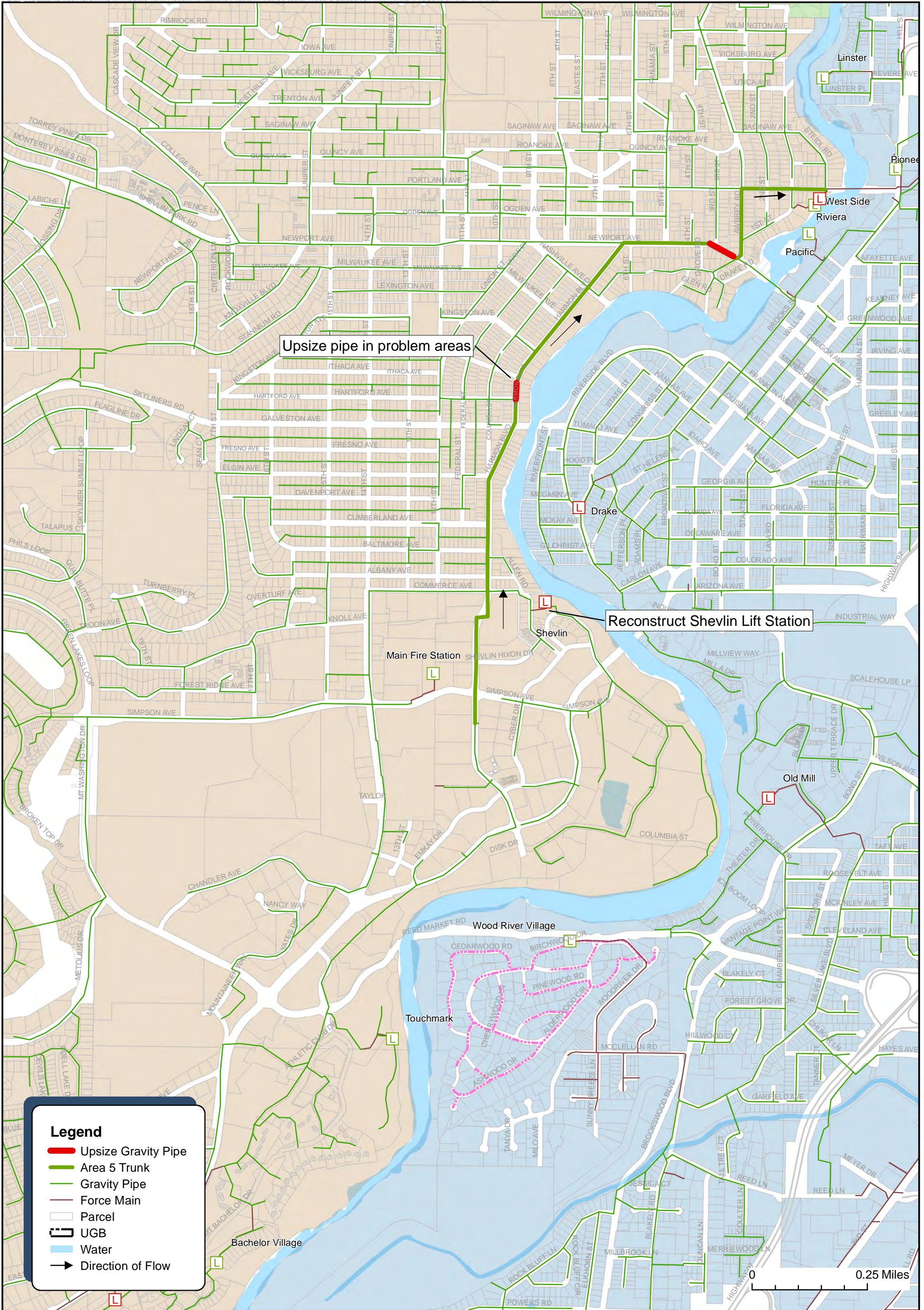




Increase pipe size in problem areas

Legend

- Upsize Gravity Pipe
- Area 5 Trunk
- Gravity Pipe
- Force Main
- Parcel
- UGB
- Water
- Direction of Flow



Upsize pipe in problem areas

Reconstruct Shevlin Lift Station

Legend

- Upsize Gravity Pipe
- Area 5 Trunk
- Gravity Pipe
- Force Main
- Parcel
- UGB
- Water
- Direction of Flow