

# River Bottom Trunk Line

## Project Phase 1 (9000 S. to SVWRF)

### Introduction

Project Area  
Ownership  
Full Cost Proj.  
NASSCO  
Results  
SVSD Projects  
Funding

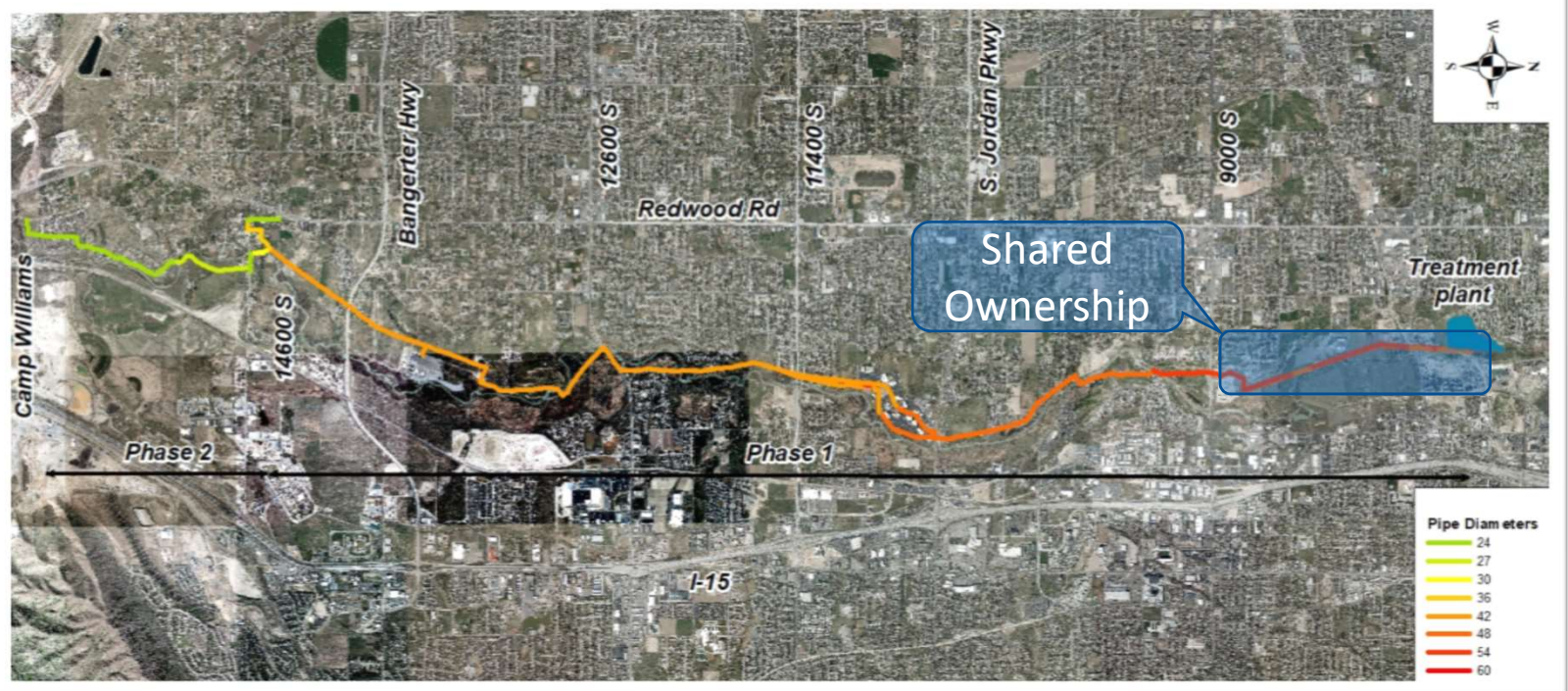


# Project Area



- DUC camera and GraniteNet
- Phase 1: River Bottom Trunk Line
- 72,366 linear feet of sewer pipe (~14 miles)
- 258 pipe segments
- Pipe sizes from 24-inch to 60-inch

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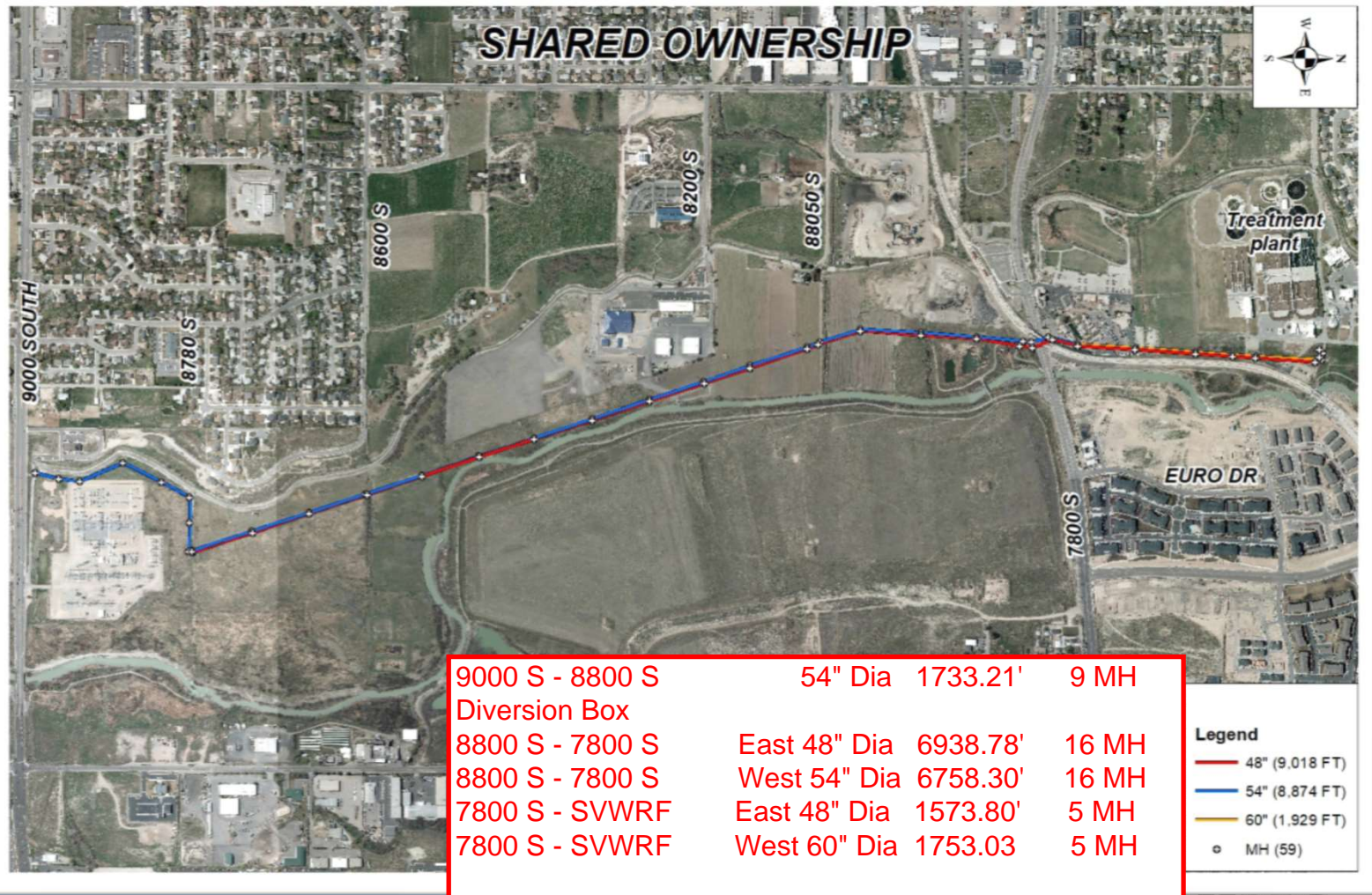




# Project Area



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**Legend**

- 48" (9.018 FT)
- 54" (8.874 FT)
- 60" (1.929 FT)
- MH (59)



# NASSCO Assessment Protocol



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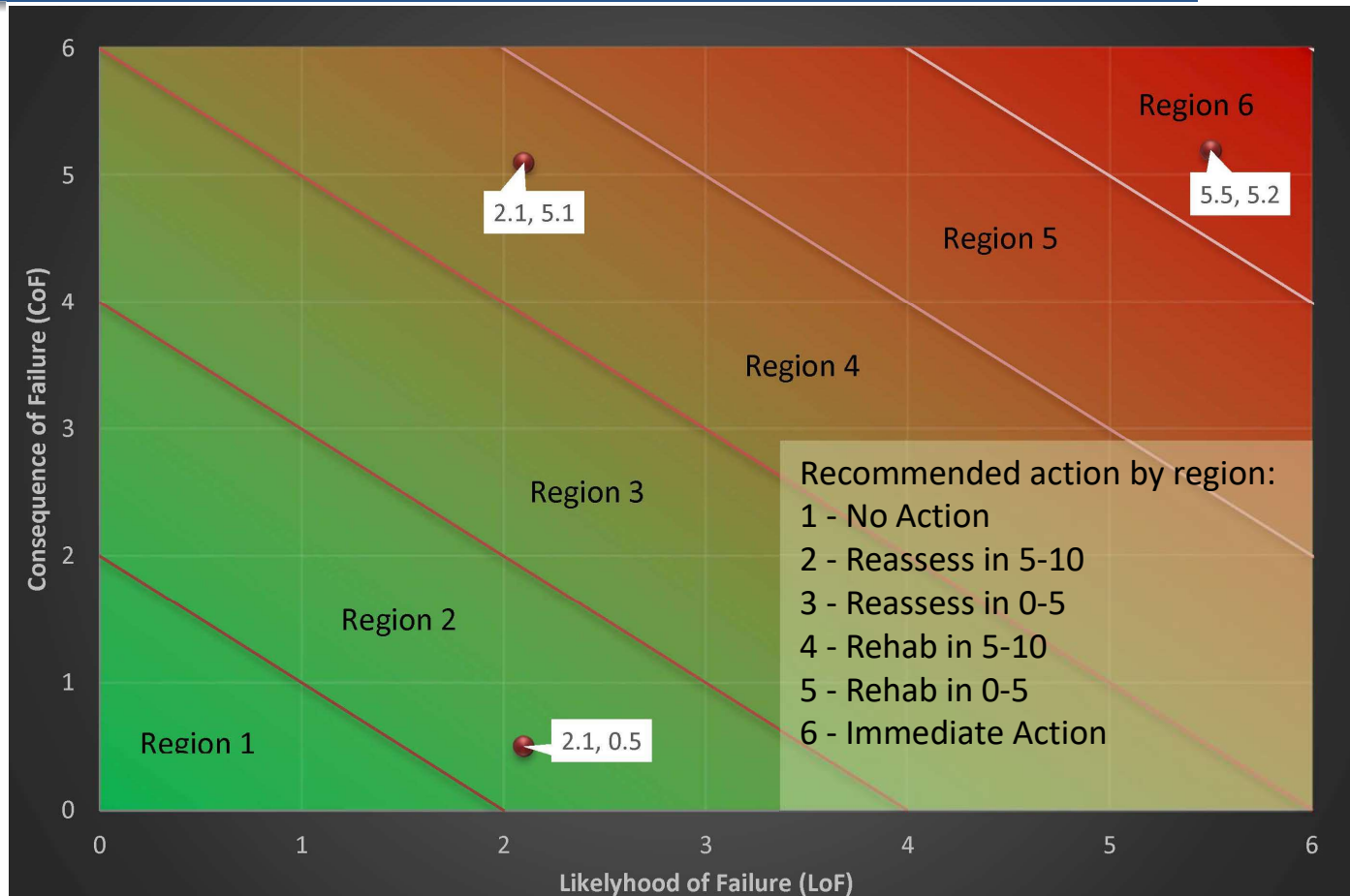
- Risk based analysis (effective use of resources)
- Risk = Likelihood of Failure (LoF) vs Consequence of Failure (CoF)
- LoF – NASSCO’s PACP Pipe rating systems
- CoF Variables
  - Social (Population Served, Traffic Impacts)
  - Environmental (Environmentally sensitive features)
  - Economical factors (Depth, Diameter, Roadway, Accessibility)



# NASSCO Assessment Protocol



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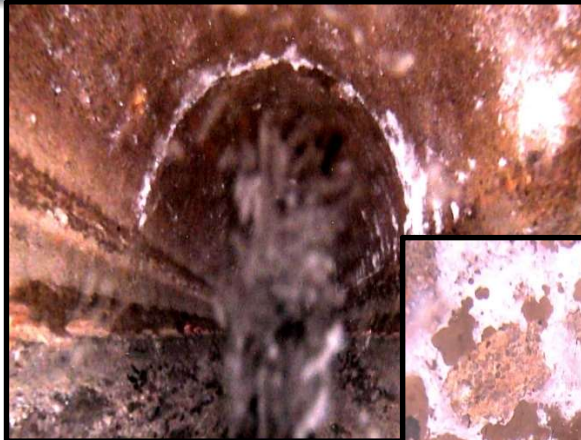




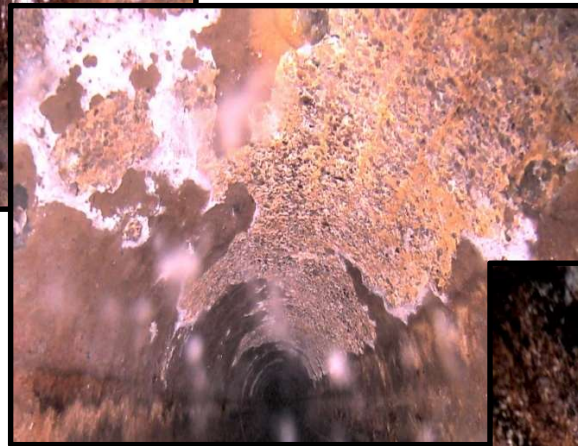
# Results



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Surface Damage  
Aggregate Visible (SAV)



Aggregate  
Projecting (SAP)

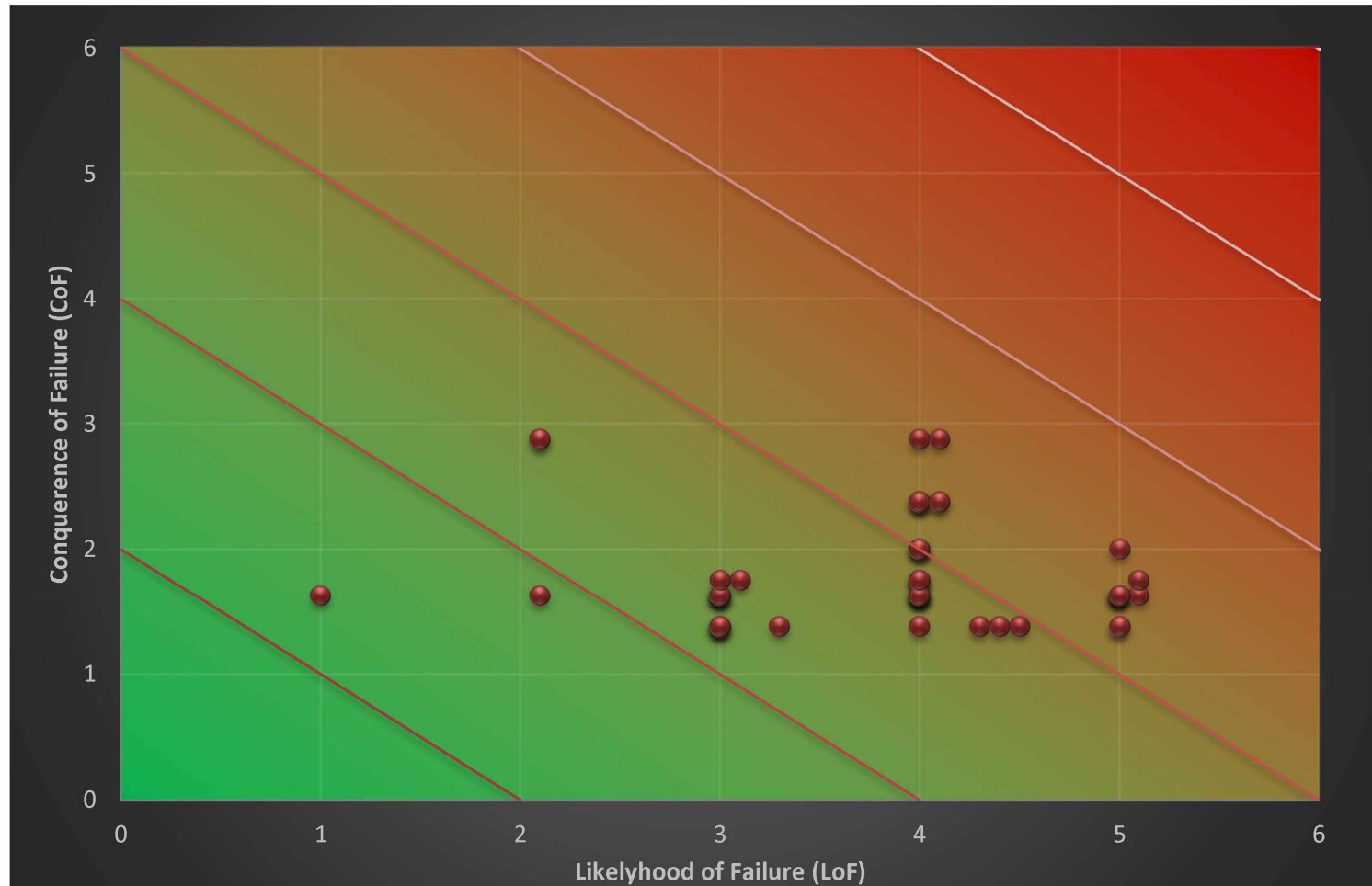


Surface Damage  
Reinforcement Visible (SRV)

# Results



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# Project Prioritization



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**PIPELINE SECTIONS SHOWN IN RED HAVE BEEN IDENTIFIED FOR REHABILITATION**

