



Lakewood Sewer Extension Project

Project Description

Extend mainline utilities from the east side of Interstate-5 (I-5) to the west side of I-5.

- Microtunnel (bore) crossings under I-5 and Burlington Northern railroad
- Install new sewer and water mainlines
- Remove and replace roadway sections
- Trench safety systems and sheet piling
- Dewatering



Owner: City of Marysville
 Engineer/Architect: Gray & Osborne, Inc.
 Completion Date: May 2006
 Contract Value: \$6,000,000



Project Details

- 5,300 lineal feet of 30" sanitary sewer main
- 800 lineal feet of 24" sanitary sewer main
- 3,370 lineal feet of 15" sanitary sewer main
- 790 lineal feet of 18" water main
- Micro-tunneling (boring) under I-5 in 3 locations
- 470 lineal feet of 52" steel casing (in microtunnel)
- 575 lineal feet of 42" and 32" steel casing (in microtunnel)
- 30 manholes
- Road replacement and restoration
- Erosion and sedimentation control

Unique Challenges

- Sewer mainline averaged 14' deep, all requiring deep well dewatering
- Coordination and permitting with active railroad and WSDOT
- Work within Critical Area Limits

Contact Information

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