

Water and Sewer Replacement/Relocation Community Meeting

Takoma Park

Takoma Park Community Center
Tuesday, July 26, 2016

Introductions



- Crystal Wheaden – Project Manager
- Paul Gray – Right of Way Manager
- Ayoka Blandford – Public Affairs
- Brandon Stewart – Customer Advocate
- Doug Sievers – Urban Forester

The Wilson T. Ballard Company

- Jeff Ziegenfuss, P.E. – Project Manager
- Jon Martin, P.E. – Assistant Project Manager
- Matt Dewese – Design Engineer



- Daryl Braithwaite, City Public Works Director

Agenda

- Project Background
- Final Alignment Solution
 - Pressure Sewer at Addresses 6601-6613 Eastern Ave
 - Gravity Sewer at Addresses 6617-6761 Eastern Ave
- Environmental Impacts of Final Solution
- No-Build Alternative
- Next Steps

Project Area



Existing Sewer Conditions



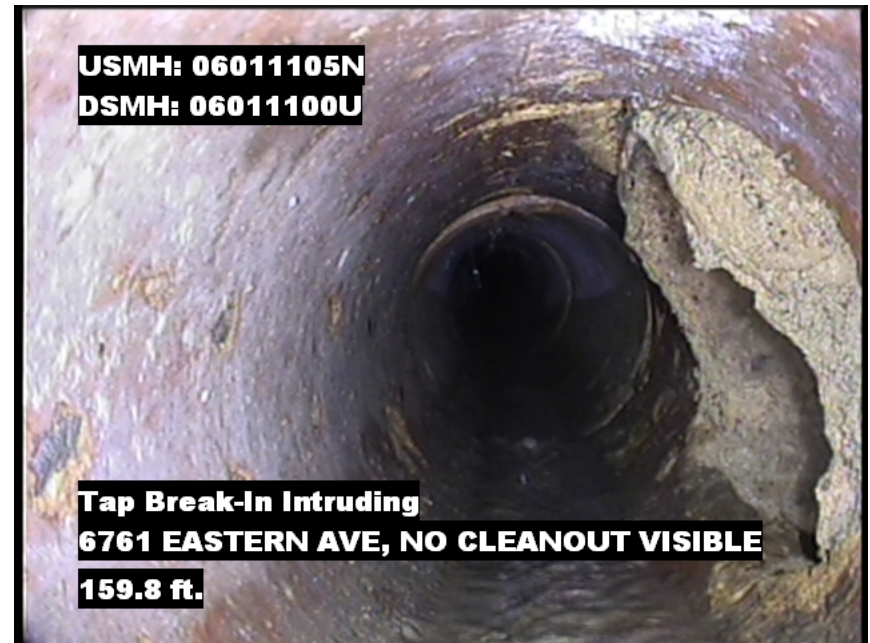
Existing Sewer Conditions



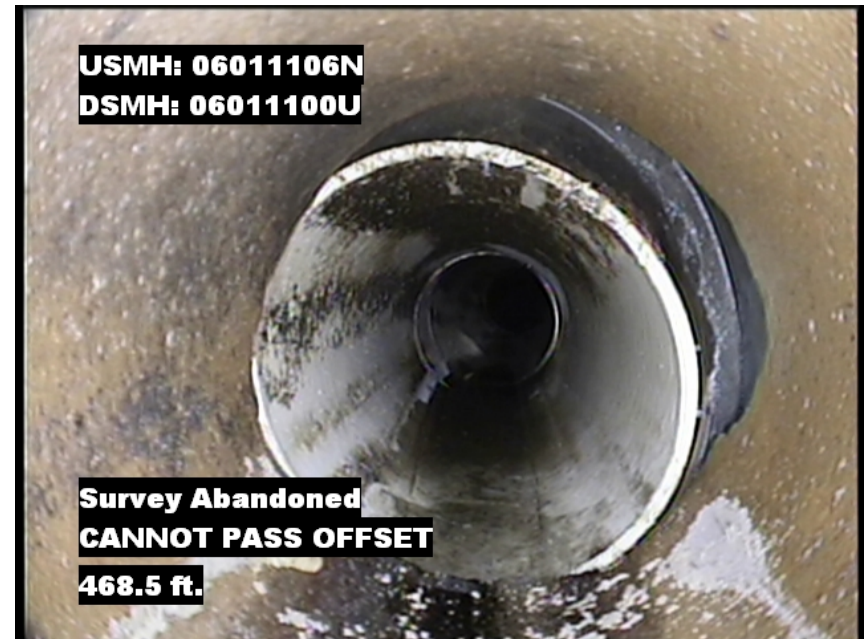
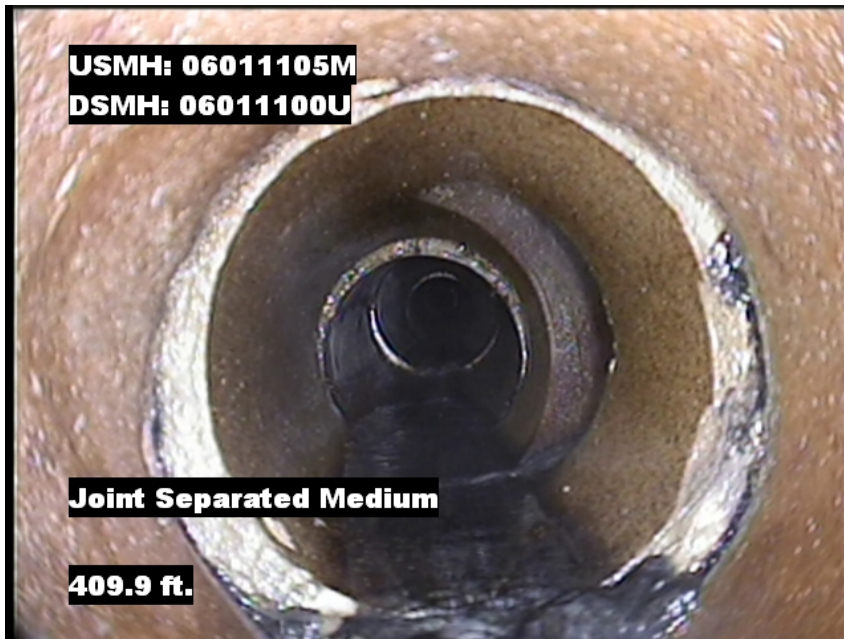
Existing Sewer Conditions



Existing Sewer Conditions



Existing Sewer Conditions



Final Alignment



Final Alignment After the March 2016 Vote

6601-6613 Eastern Avenue

- Water alignment in the roadway
- Pressure sewer in roadway with grinder pumps
- 10-year extended warranty on manufacturer's 2-year warranty
- Long-term grinder pump maintenance by homeowners

6617-6761 Eastern Avenue

- Water alignment in the roadway
- Gravity sewer in backyard
- 20-foot easement to WSSC

New Water House Connections for Westmoreland Properties

The following homes will receive new water house connections:

- 6404 Westmoreland Avenue
- 6704 Westmoreland Avenue
- 6710 Westmoreland Avenue
- 6800 Westmoreland Avenue
- 6802 Westmoreland Avenue
- 6814 Westmoreland Avenue

Construction Methods – Water and Pressure Sewer



Construction Methods – Water and Pressure Sewer



Construction Methods – Water and Pressure Sewer



Construction Methods – Gravity Sewer



Construction Restoration



Environmental Impacts

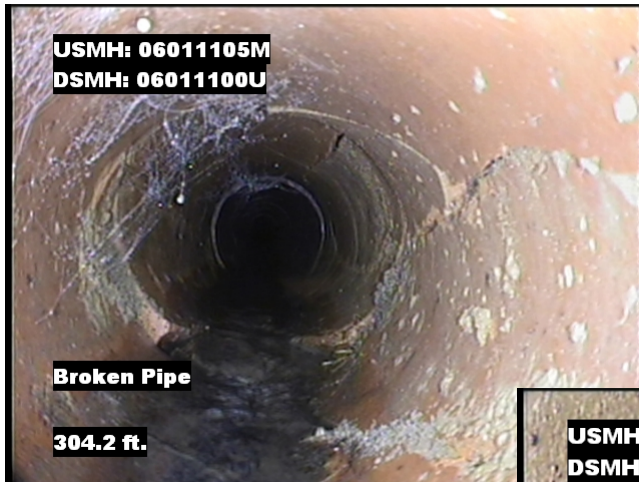
- Estimated Number of Trees Removed in Eastern Avenue Backyards: 32
- Estimated Number of Trees Removed on Westmoreland Avenue: 7
- Trees removed at no expense to homeowner
- 5-year protection plan for trees impacted but not removed
- Storm water impacts being reviewed

Homeowner Reimbursement

- Market value for 20-foot easement in the backyard alignment
- Market value for temporary construction easement, for impacted trees along Westmoreland Avenue
- Additional 10-year warranty for grinder pumps, on top of 2-year manufacturer warranty
- 2-year warranty for all new water and sewer service connections

No-Build Alternative

July 2016 CCTV of Existing Sewer Line:



No-Build Alternative

Emergency break will:

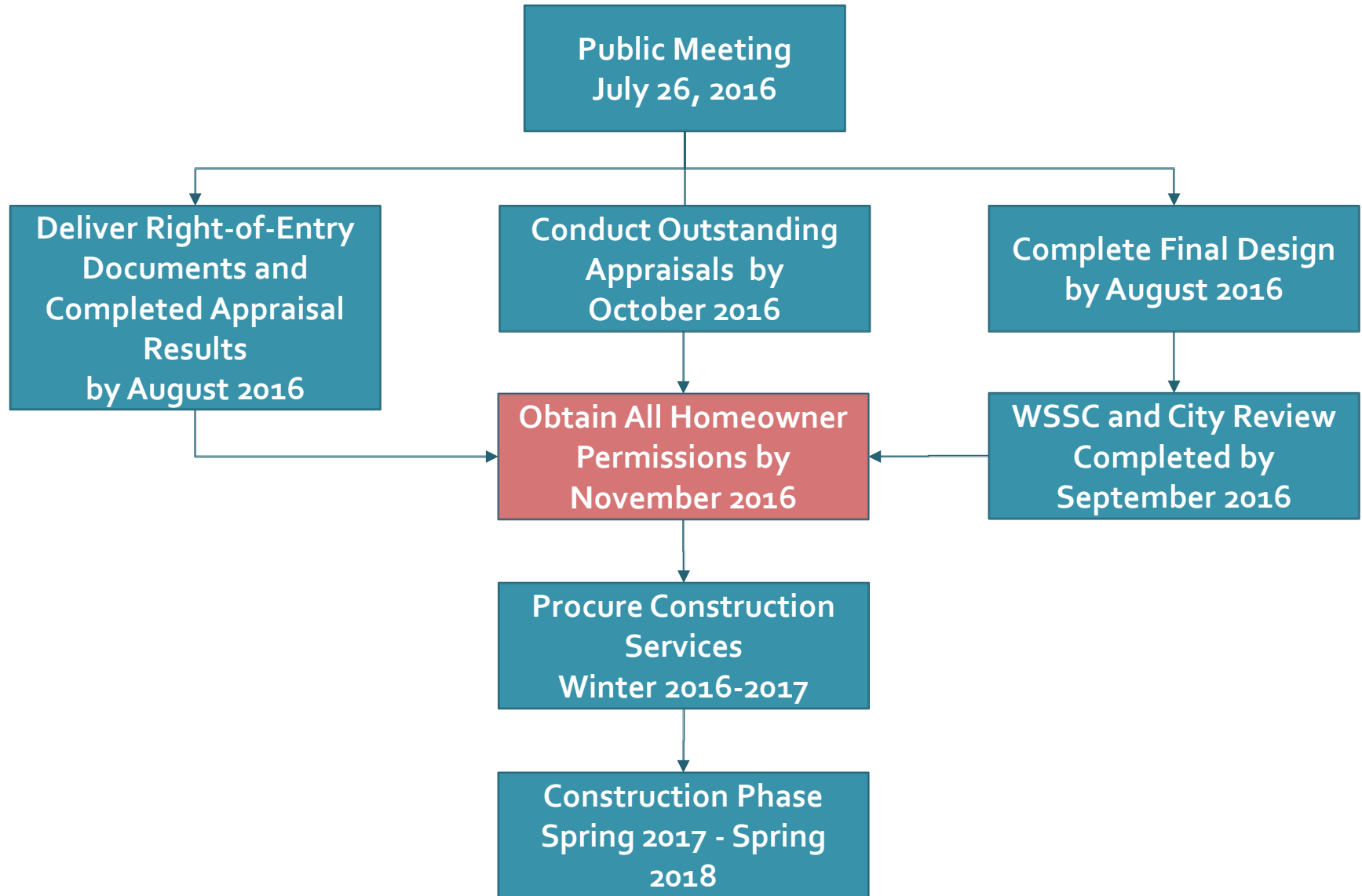
- Cause sewage to collect on Eastern Avenue property
- Cause sewage to travel downhill to Westmoreland properties
- Require **immediate** WSSC access, tree and landscape removal, and/or structure removal for repair of failure

Next Steps

- Complete 100% design plans in August
 - Consultant field walk
- Submit tree permit application to City of Takoma Park
- Deliver easement appraisal results to 6617-6705 Eastern Avenue
- Deliver Right-of-Entry paperwork for all homes along Eastern Avenue and 6 homes along Westmoreland Ave
- Conduct easement appraisal for 6711 through 6761 Eastern Avenue

Takoma Park Water and Sewer Main Replacement

Estimated Project Timeline



Thank You

Questions