

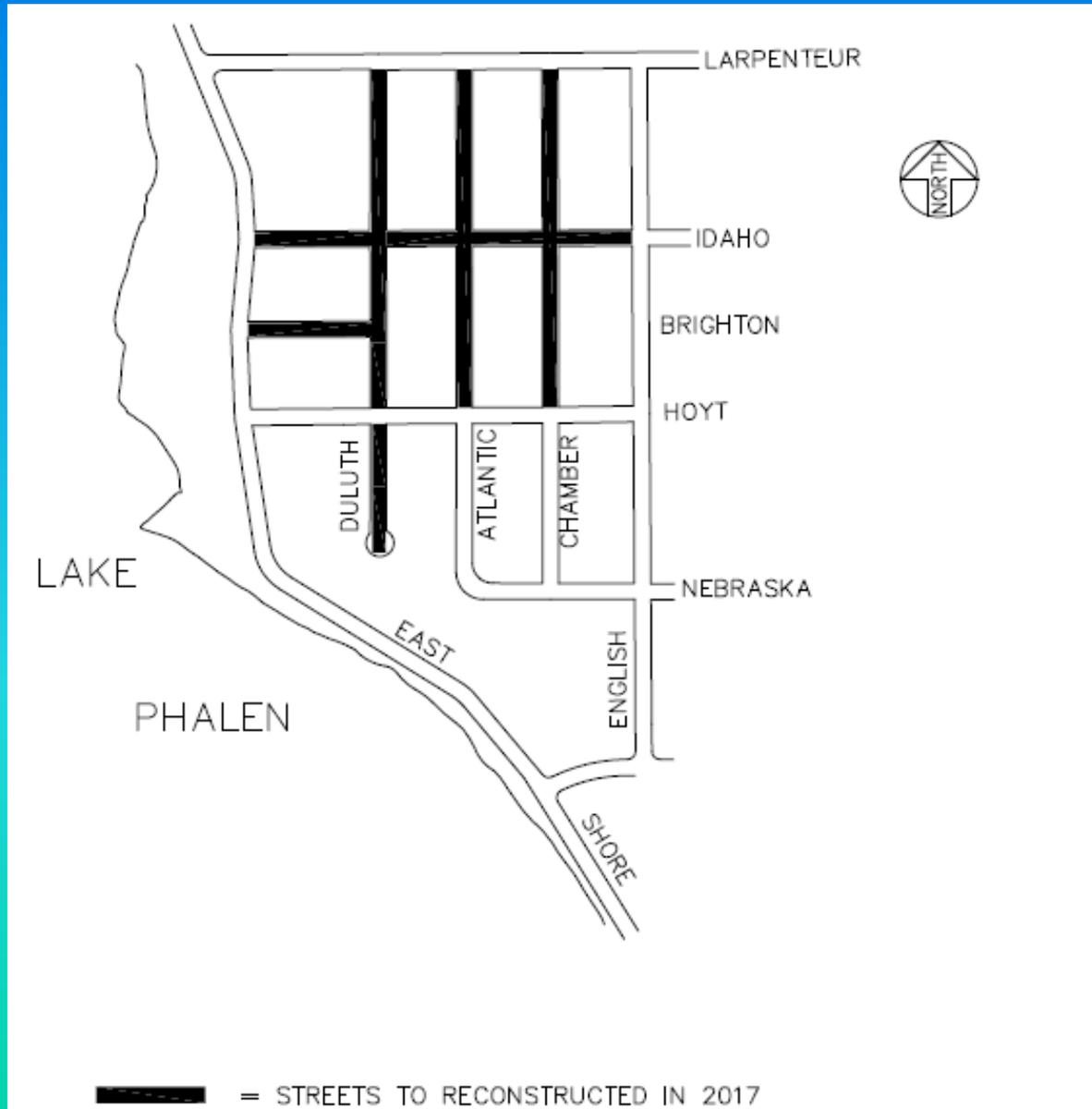
# IDAHO/ATLANTIC PAVING PROJECT



# PRESENTERS

- Project Engineer – Barb Mundahl, 651-266-6112
- Traffic – HunWen Westman, 651-266-6174
- Street Lighting – Ben Hawkins, 651-266-6256
- Sewers – Aaron Hass, 651-266-6234
- Saint Paul Regional Water Services – Graeme Chaple, 651-266-6270
- Forestry - Zach Jorgenson, 651-632-2437
- Real Estate Section – Lynn Moser, 651-266-8858
- Public Art Saint Paul – Christine Baeumler

# PROJECT MAP



# PROJECT SCHEDULE

- ◉ This meeting is informational only.
- ◉ City Council Approval/Public Hearing in January, 2017.
- ◉ Design Winter of 2016/2017
- ◉ Start Construction Summer 2017
- ◉ End Construction Fall 2017



# PROJECT INCLUDES:

- New Concrete Curb and Gutter
- New Pavement
- Concrete Driveway Aprons
- Utility Upgrades
- Sidewalks and ADA compliant pedestrian ramps.
- Lantern Style Street Lighting
- Sodded Boulevards
- Removal of all Ash trees, dead trees and stumps
- Tree Planting

# CONCRETE CURB AND GUTTER WITH CATCH BASINS



# ADA COMPLIANT PEDESTRIAN RAMPS



# SIDEWALKS

- New sidewalks will be installed to fill in gaps in the sidewalk system.
- Proposed new sidewalks on:
  - West side of Duluth St. between Hoyt and Larpenteur
  - South side of Brighton Place between East Shore Dr. and Duluth St.
  - Fill in sidewalk gaps on west side of Chamber St. between Idaho and Larpenteur and on west side of Atlantic between Hoyt and Idaho.
- Existing sidewalks will be replaced as needed.

# CONCRETE DRIVEWAY APRONS WITH 4' FLARES



# DRIVEWAYS



Driveway aprons will be concrete regardless of any existing special material.

New Driveway aprons will be reconstructed only as wide as the garage door width.



# ILLEGAL DRIVEWAYS



Driveways that do not lead to a garage or parking area behind the house, will NOT be replaced.



# CONCRETE OUTWALKS



# OFFSET OUTWALK



# LANTERN STYLE STREET LIGHTS



# EXISTING STREET LIGHTS



# GRADE & SOD BOULEVARDS



# BOULEVARD GARDENS



If you have a boulevard garden and you want to save the plants in it, you should remove the plants in the spring before construction work begins.

# RAIN GARDENS



The City of Saint Paul and Ramsey Washington Metro Watershed District are partnering to offer boulevard rain gardens to residents on this project.

# RAIN GARDENS



A rain garden is small depression behind the curb that can hold storm water runoff. The water then infiltrates into the soil below rather than flowing directly into the storm sewer system.

# RAIN GARDENS



The City will install the curb cut and splash pad and provide soil and mulch. Plants will be provided by Ramsey Washington Metro Watershed District. Homeowners are responsible for weeding and watering their gardens.

# TREE REMOVAL

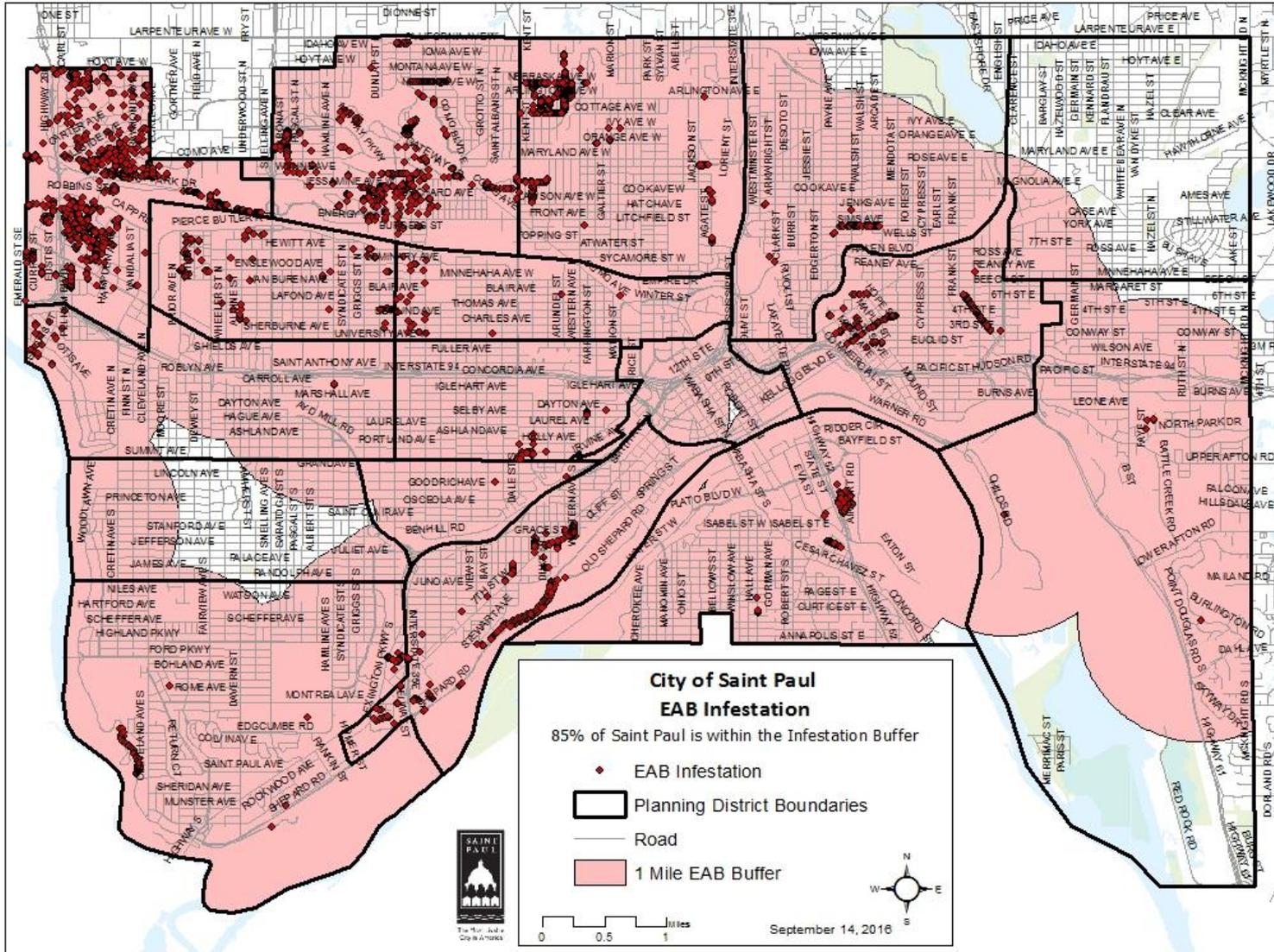




# EMERALD ASH BORER



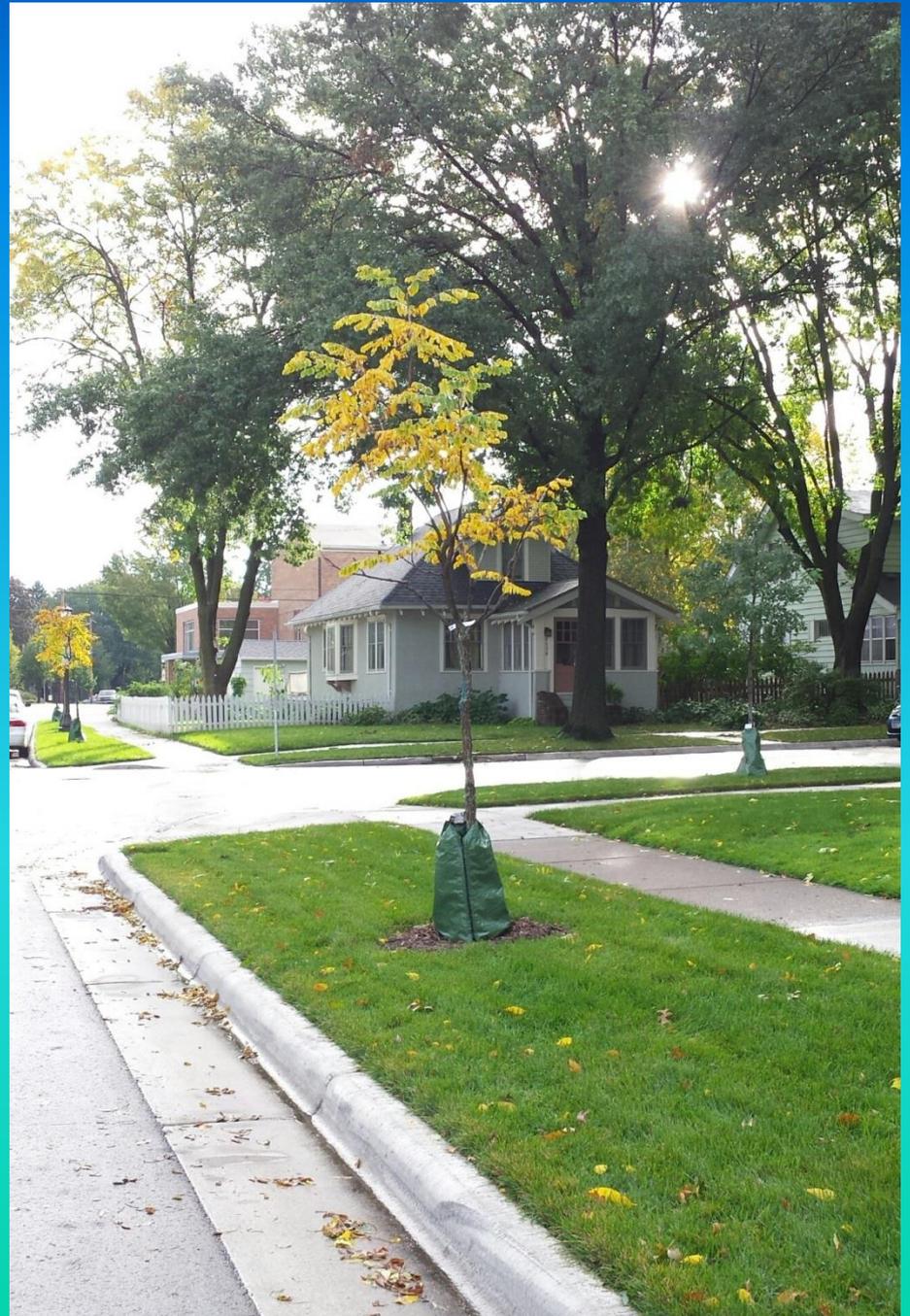
# EAB INFESTATION



# TREE PLANTING

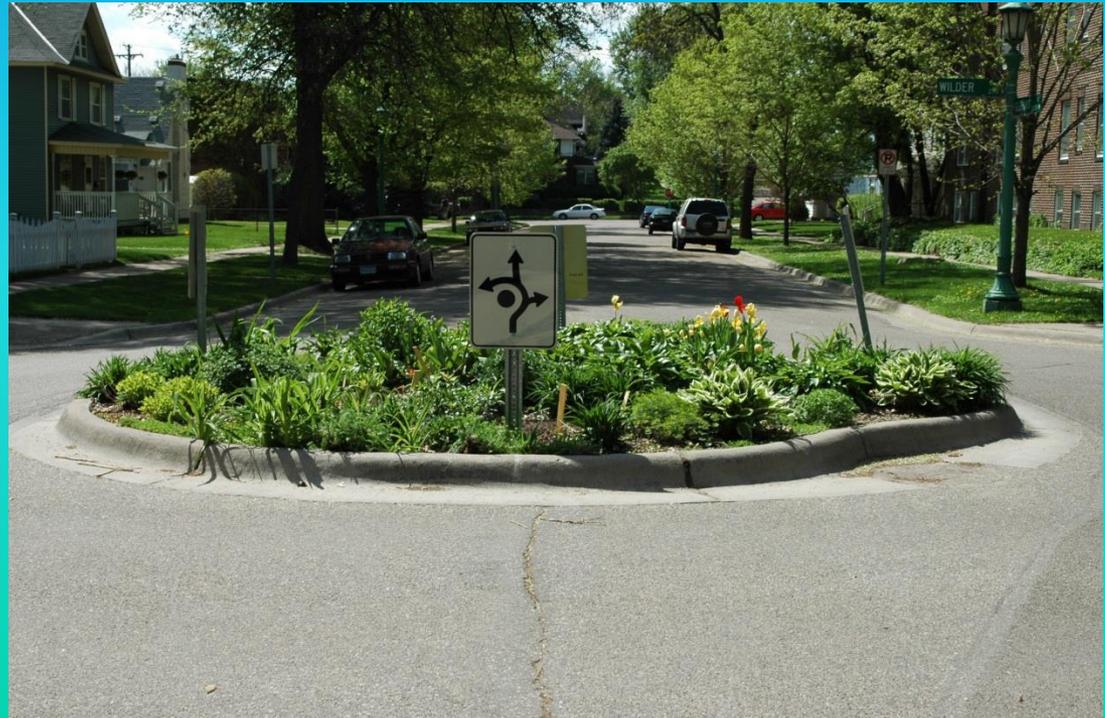
## Proposed Planting List:

- Northern Pin Oak
- Red Oak
- Swamp White Oak
- Kentucky Coffeetree
- Hackberry
- River Birch
- London Planetree
- Elm Hybrids
- Ironwood
- Serviceberry
- Crabapple



# IDAHO STREET BICYCLE BOULEVARD

- Idaho Street has been identified as a future Bicycle Boulevard.
- Two traffic circles are proposed on Idaho: one at Duluth St. and one at Chamber.



# PUBLIC ART

- The City of Saint Paul dedicates 1% of the project cost for public art.



# BELOW THE SURFACE



# XCEL GAS MAIN AND SERVICE REPLACEMENT





# WATER MAIN REPLACEMENT



- Water main is approx. 8' feet deep
- Most existing residential water mains are 6" diameter cast iron pipe.
- Most mains are replaced as 8" diameter ductile iron pipe
- Excavation is by the Public Works contractor, pipework is by SPRWS crews
- Water main is fully bacterially tested prior to being turned on



# TEMPORARY WATER MAINS



- ⦿ 2" PVC pipe laid in the grassy area or on edge of sidewalk
- ⦿ Fully Bacterially tested prior to hook-up
- ⦿ Will become quite warm during the summer
- ⦿ Water is provided at no cost when connected to temporary water



# Temporary Water Connection



- Back fed through outside hose spigot through the use of a grey potable water rated hose.
- A wye is installed to allow use of garden hose while connected
- Notification of temporary water will be posted on front door.
- Temporary water crew will need to access the water meter inside building twice, once during install and once for the take down



# Water Service Connection



- Water services are re-connected to the main during installation, but not live until the main fully passes testing
- Most existing copper services are reconnected without additional service excavation required
- All lead services are replaced with copper pipe from the main to property line or water service valve box at SPRWS cost



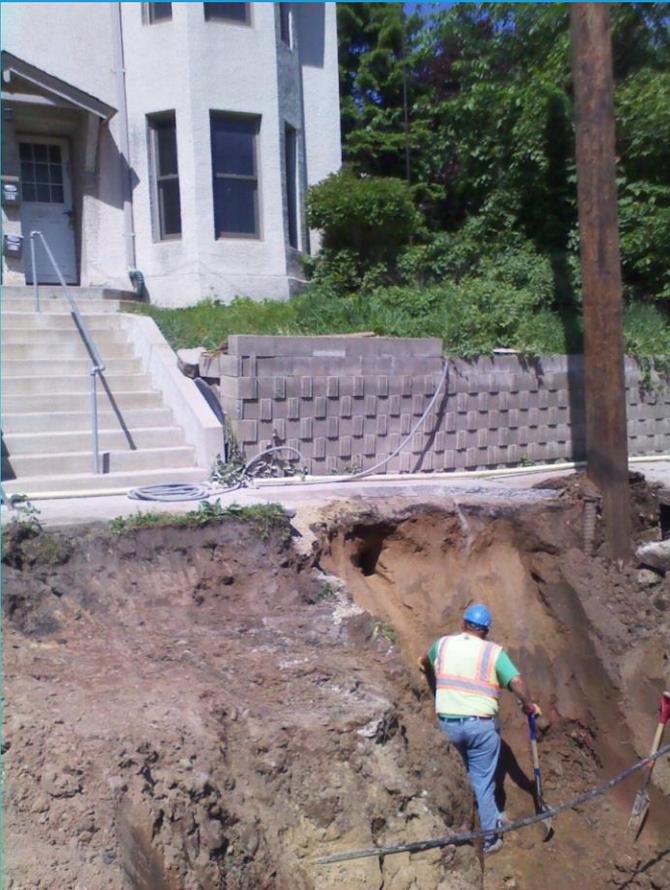
# LEAD SERVICE REPLACEMENT



- ⦿ All Lead water services will be replaced from the water main to the property line or water service stop box
- ⦿ Replacements to stop box are only done if there is an obstruction at the property line or if a private plumber has already replaced the water service inside property to the stop box



# Lead Service Replacement Inside Property



- Can be assessed onto taxes over 20 years
- Building owner will have to obtain private plumber and get quotes
- Excavation of yard generally not needed
- Costs are reduced because restoration is done in the ROW by the project
- Plumber List and Information will be mailed to property owners addresses
- Additional Information available from the SPRWS Engineering Service Desk 651-266-6370



# Contact Information

- **Graeme Chaple**

*Damage Prevention and Inspections Supervisor*

Cell: 651.775.3030

Email: [graeme.chaple@ci.stpaul.mn.us](mailto:graeme.chaple@ci.stpaul.mn.us)

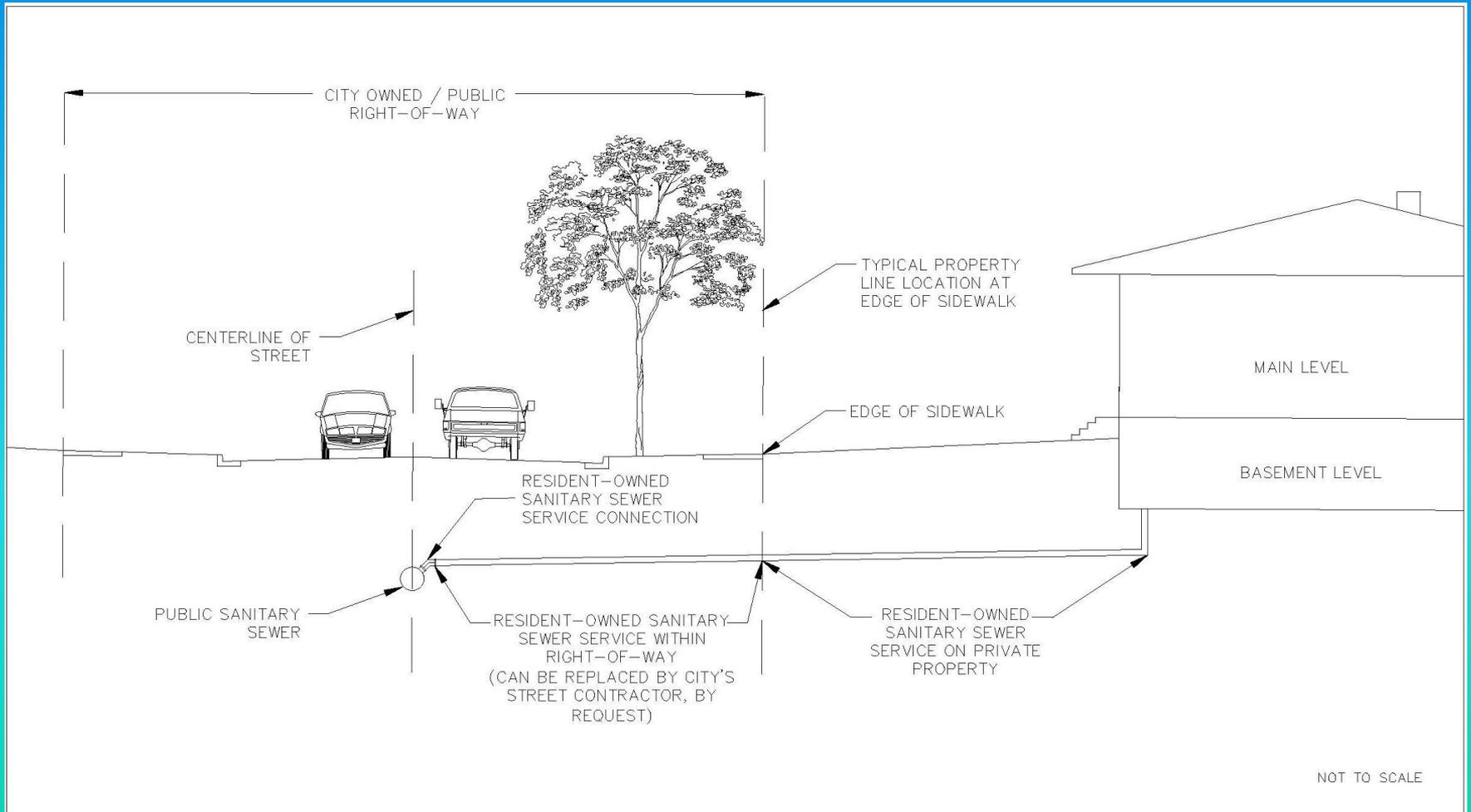
- **SPRWS Engineering Service Desk**

651.266.6270

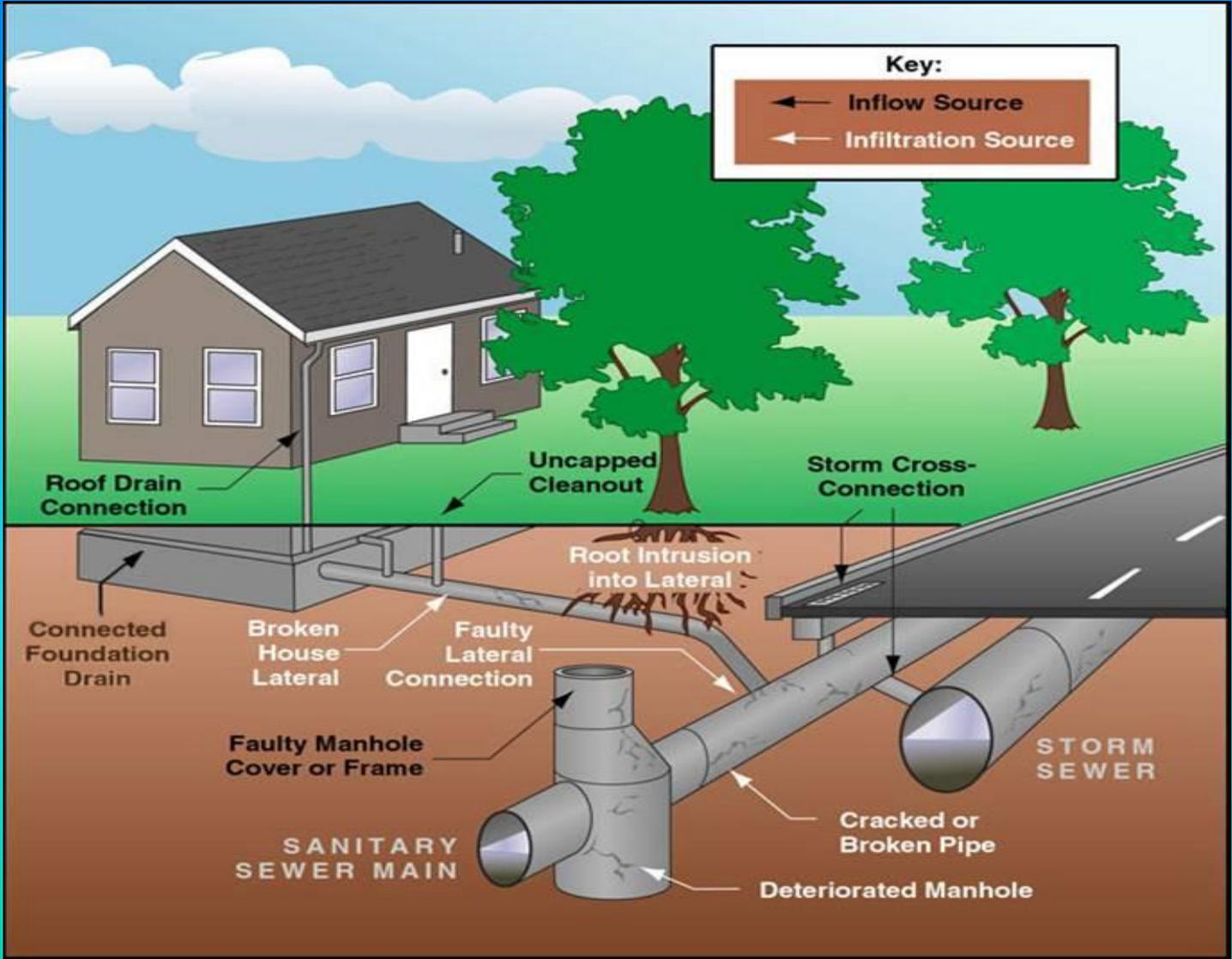
1900 Rice St

Saint Paul, MN 55113

# SANITARY SEWER SERVICE REPLACEMENT OPTION



# SANITARY SEWER SERVICE ISSUES

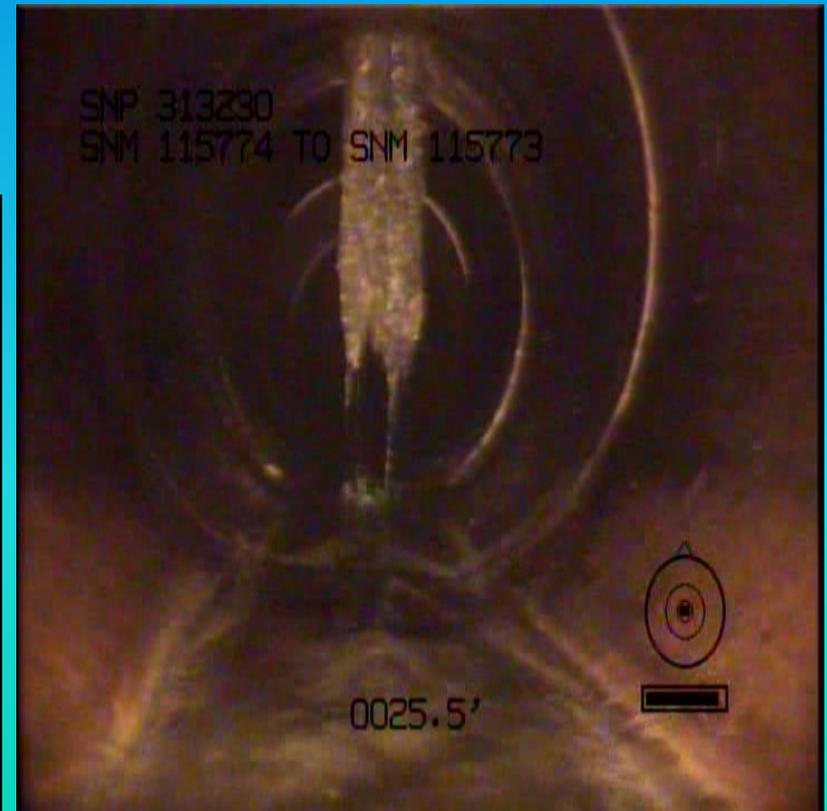


# WARNING SIGNS OF A DEFECTIVE SEWER SERVICE

- Does your drain run slowly? Or gurgle?
- Do you have sewer odors?
- Do you know where your sewer service runs?
- Are there bushes or trees planted over it?
- Has your sewer line ever been cleaned and inspected?
- Do you have a garbage disposal and use it for everything?
- Sinkhole or Depression near your Building, Blvd or Street?

# COMMON SEWER PROBLEMS

- ◆ Dropped Connection to Main
- ◆ Broken Clay Pipe
- ◆ Root Intrusion



# BENEFITS

## of Repairing Sanitary Sewer Service

- ◆ **Extend System Service Life**
- ◆ **Health & Safety Issues**
- ◆ **Reduce Risk of:**
  - Sewer Backups
  - Sinkholes
  - Rodent Access
- ◆ **Cheaper during construction:**
  - fixed rate
  - don't have to pay for street restoration
  - 20 years to pay



# SANITARY SEWER SERVICE COST COMPARISON INFO



## Replacing Your Sewer Service (from Main to Property Line)

### “DURING” Construction

Approx. \$3,000

- Cost to Property Owner can be spread out over a 20-year term/assessment
- No street restoration costs

### “AFTER” Construction

Typically More than \$5,000

- Restoration costs are paid by the Property Owner

If you are interested act now!

# WHAT'S IT LIKE TO LIVE THROUGH A CONSTRUCTION PROJECT?

- NOISE
- DUST
- MUD
- LIMITED ACCESS
- INCONVENIENCE



# CONSTRUCTION

- Your street will be dug up numerous times. The work is done in layers and often by different crews doing different types of work.
- We will NOT work on your block every day. There may be several days when no work is done in your block.
- Plan on 4 months of disruption.
- Alley and emergency vehicle access will be maintained at all times.

# ROADWAY CONSTRUCTION SIGNS



A "ROAD CLOSED SIGN"  
MEANS **DO NOT ENTER!**



A "ROAD CLOSED TO THRU TRAFFIC"  
MEANS YOU CAN GET TO YOUR HOUSE,  
BUT CANNOT GET ALL THE WAY THROUGH.  
YOU WILL EVENTUALLY COME TO A  
"ROAD CLOSED" SIGN.

# WHERE DO I PARK?

- Contractor will post no parking signs everywhere.
- If there is no activity on your block, go ahead and park in front of your house.
- If there is activity on your block, please leave contact info on the dashboard. Contractor would rather call you than a tow truck.
- Police agree not to ticket unless requested by Public Works or the Contractor.



# CONSTRUCTION

- All of the construction is done by private construction companies. They are very busy and this isn't their only project.
- Most road work is weather dependent, rain will delay us.
- Contractors will work 5-6 days a week from 7am until 5 or 6pm.
- The City will have an on-site representative to inspect the Contractor's work.



# PROJECT UPDATES AND INFORMATION

- ◉ Letter prior to start of construction.  
Keep this one for names and numbers.
- ◉ A flyer handed out a week before we start construction in your block. Check front door for flyers.
- ◉ On-site Public Works Inspector.
- ◉ Weekly updates available at 266-ROAD.
- ◉ Weekly updates on Web Page [www.stpaul.gov](http://www.stpaul.gov).

# PLACEMENT OF CLASS 5



# PLACING CURB



# FINAL GRADING



# GRADING BOULEVARDS



# PLACING ASPHALT WEAR COURSE



# BEFORE AND AFTER



# PROJECT FUNDING

- 75% Street Improvement Bonds (repaid by Property Taxes)
- 25% Assessment to Property Owners
- The 2017 Assessment rates have not been set yet.

# ASSESSMENT INFORMATION

- Assessment covers approximately 25% of the project cost.
- Assessment is calculated by multiplying frontage by the City Council approved assessment rates.
- Corner residential property - assessed for short side only.
- Corner commercial property - assessed for both sides if work is occurring on both sides.

# ASSESSMENT INFORMATION

- Construction approved early 2017
- Assessments approved Fall of 2017
- Bill sent, 30 days to pay to avoid interest
- If not fully paid, annual installments automatically go on to property taxes
- Paid over 20 years with simple interest
- Senior Citizen deferment
- Sanitary sewer and water connections, done by request, are separate assessments
- View / Pay assessment at:  
[www.stpaul.gov/assessments](http://www.stpaul.gov/assessments)

# ASSESSMENT INFORMATION

- Assessments approved Fall of 2017
- Bill sent, 30 days to pay to avoid interest.
- If not fully paid, automatically goes on to property taxes at the end of the year.
- Paid over 20 years with simple interest
- Corner residential lots - assessed for short side
- Senior Citizen deferment
- View / Pay assessment at:  
[www.stpaul.gov/assessments](http://www.stpaul.gov/assessments)

# QUESTIONS?

## CONTACT NUMBERS

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- Street Lighting – Ben Hawkins, 651-266-6256
- Traffic – HunWen Westman, 651-266-6174
- Sewers – Service Desk, 651-266-6234
- Saint Paul Regional Water Services – Service Desk, 651-266-6270
- Forestry – Zach Jorgensen, 651-632-2437
- Real Estate Section – Lynn Moser, 651-266-8858
- Xcel Energy – Mike Madigan, 651-265-7068
- Ramsey Washington Metro Watershed District – Paige Ahlborg, 651-792-7964

**THANK YOU FOR ATTENDING!**