



WOODLAWN/JEFFERSON RESIDENTIAL PAVING PROJECT

PRESENTERS

- ◉ Street Design and Construction – Barb Mundahl, 651-266-6112
- ◉ Sewers – Aaron Hass 651-266-6171
- ◉ Saint Paul Regional Water Services – Graeme Chaple, 651-266-6270
- ◉ Forestry - Zach Jorgenson, 651-632-2437
- ◉ Real Estate Section – Lynn Moser, 651-266-8858

PROJECT SCHEDULE

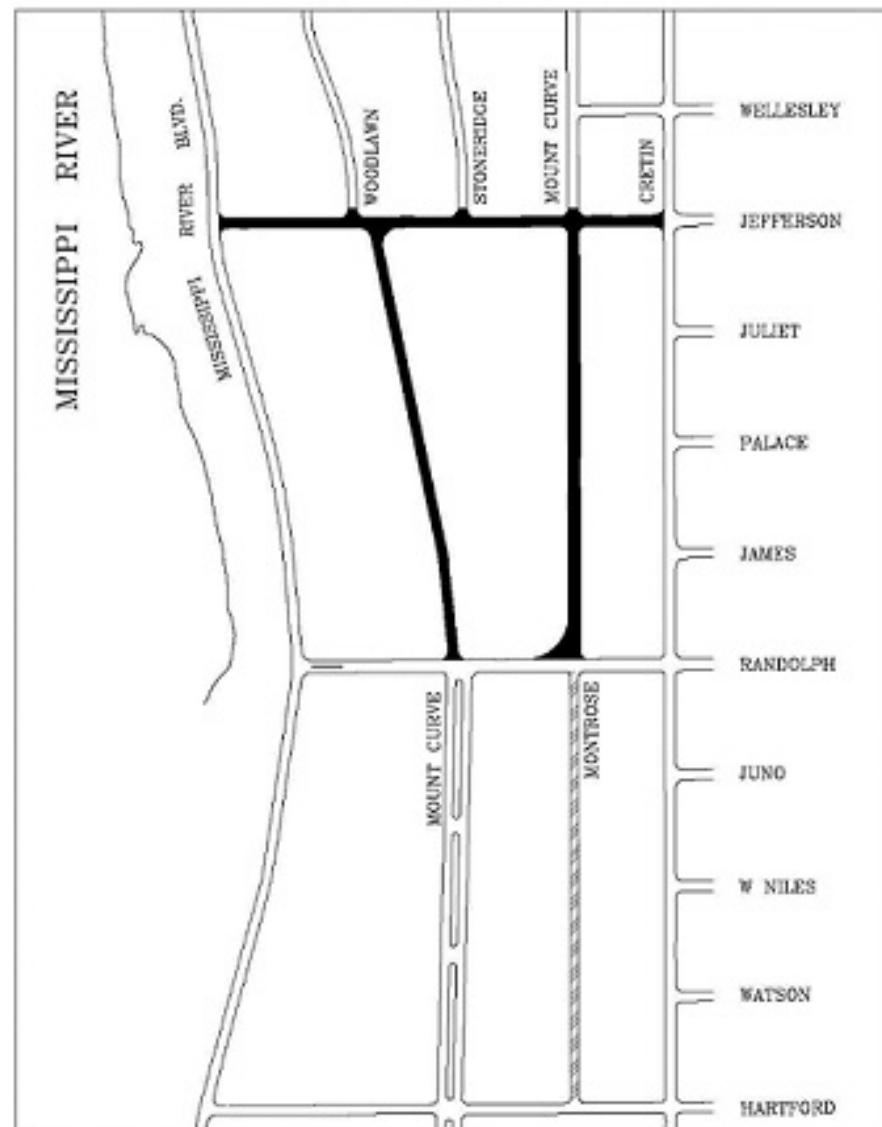
- ◉ This meeting is informational only.
- ◉ City Council Approval/Public Hearing in February, 2018.
- ◉ Design Winter of 2017/2018
- ◉ Start Construction Summer 2018
- ◉ End Construction Fall 2018

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



PROJECT MAP



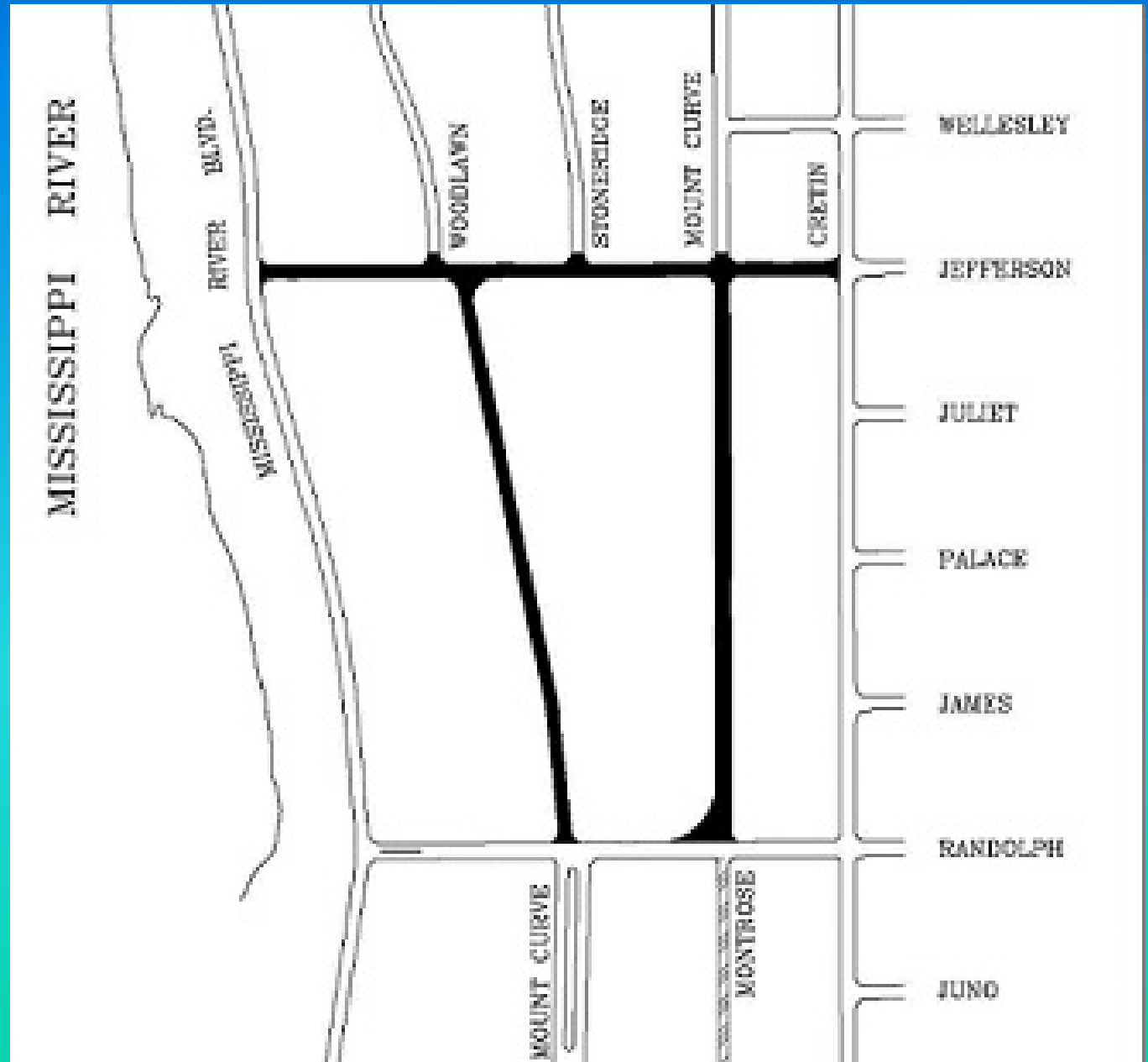
STREET RECONSTRUCTION IN 2018
WATERMAIN ONLY

STREET WIDTHS

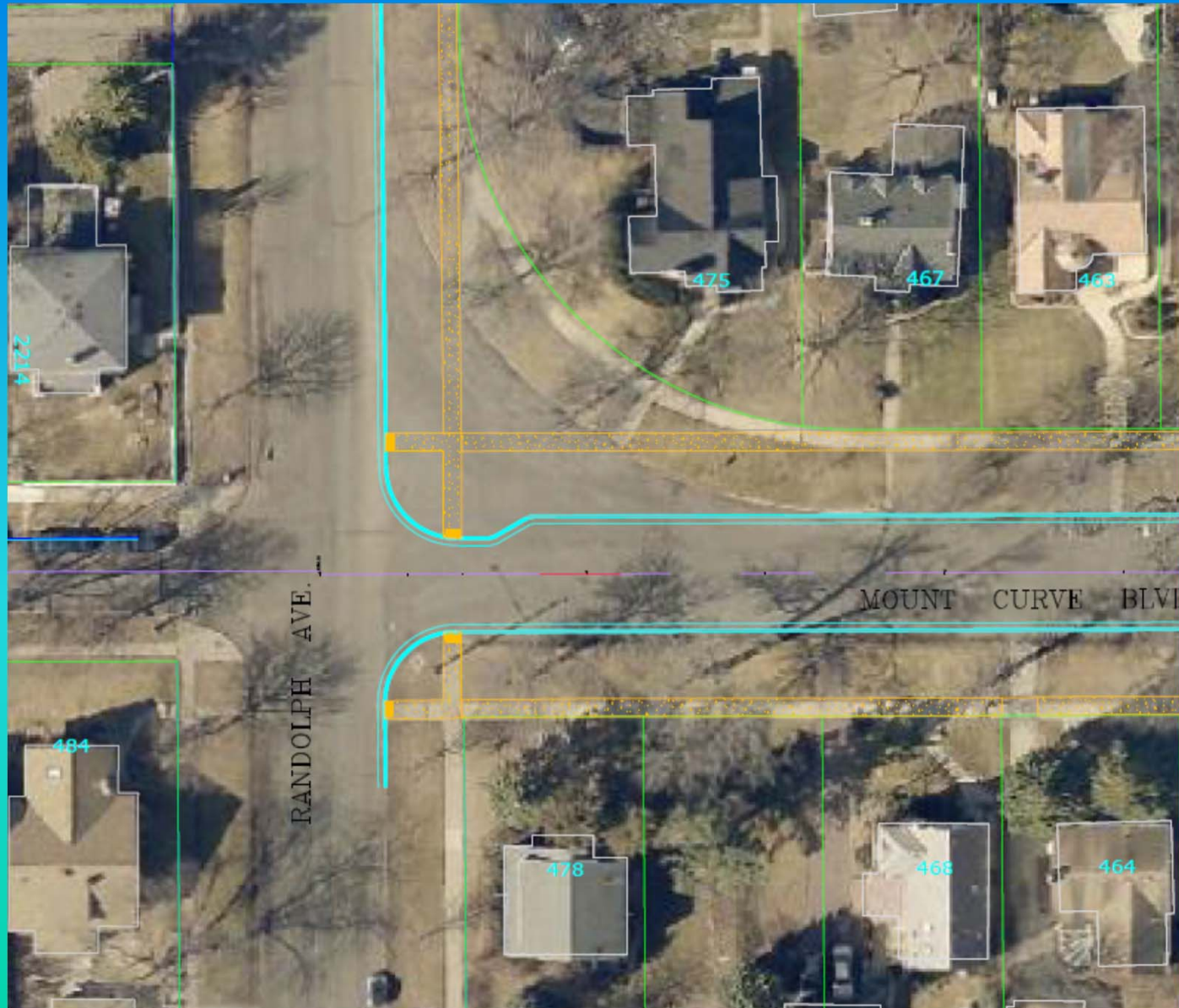
Jefferson Avenue
Ex. Width = 32'
Proposed = 32'

Woodlawn Avenue
Ex. Width = 32'
Proposed = 32'

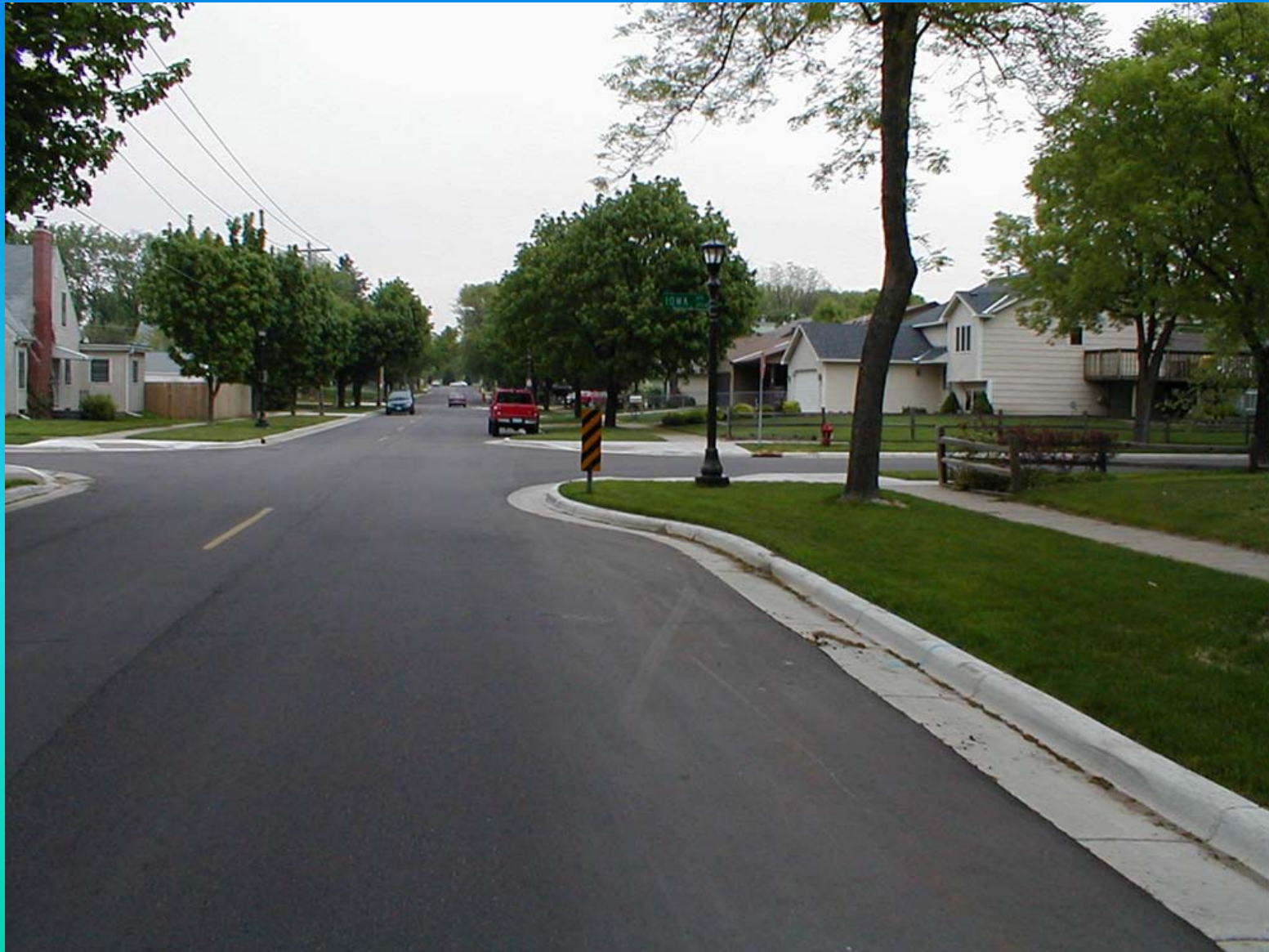
Mount Curve
Ex. Width = 36'
Proposed = 32'



PROPOSED MOUNT CUVE/RANDOLPH INTERSECTION



BUMP -OUTS



ADA COMPLIANT PEDESTRIAN RAMPS



CONCRETE CURB AND GUTTER WITH UPGRADED CATCH BASINS



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.



CONCRETE OUTWALKS



OFFSET OUTWALK



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.



EMERALD ASH BORER



TREE REMOVAL



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



EXISTING STREET LIGHTS



LANERN STYLE STREET LIGHTS



LANTERN STYLE STREET LIGHTS



All new street lighting in Saint Paul is LED

- LED Lighting is up to 50% more efficient
- Color rendering is improved with LED lights – see better at night time
- Last longer – Less maintenance

PUBLIC ART

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

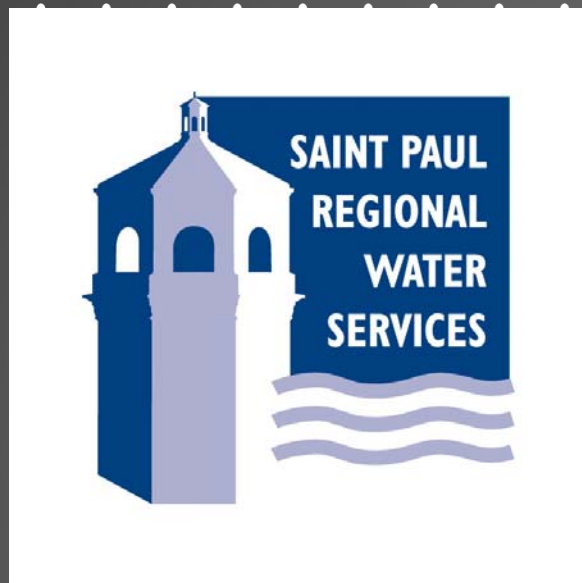


BELOW THE SURFACE



XCEL GAS MAIN AND SERVICE REPLACEMENT





SAINT PAUL REGIONAL WATER SERVICES

Graeme Chaple – Damage Prevention
and Inspections Supervisor

Cell: 651.775.3030

Email: graeme.chaple@ci.stpaul.mn.us

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 or 8" PVC dependent on existing soils.
- ▶ Installation by PW Contractor, SPRWS providing temporary water
- ▶ Water main must pass a series of bacterial tests, pressure tests, and conductivity tests prior to being put in service

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 once the watermain is fully tested and live.
- ▶ Most existing copper services are reconnected with only excavation at the watermain
- ▶ All lead services are replaced with copper pipe from the main to property line or water service valve box at SPRVVS 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

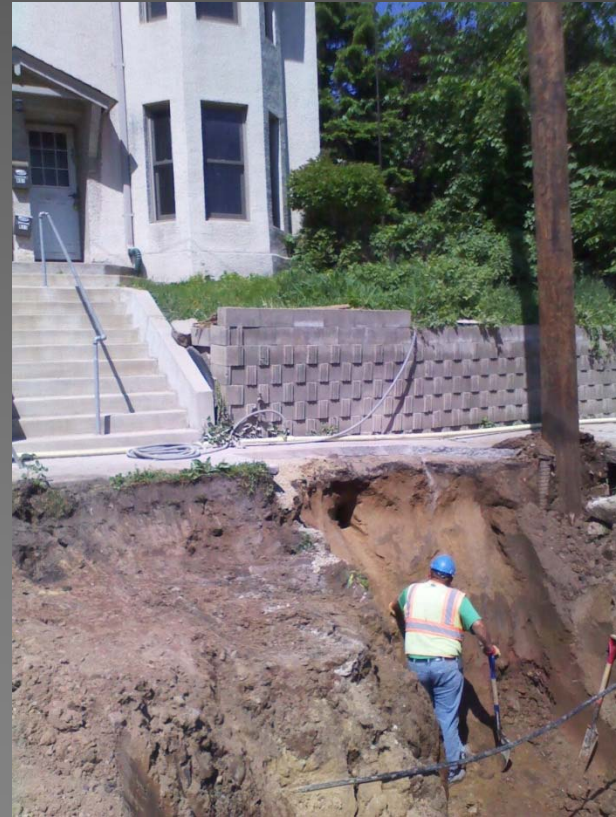
LEAD SERVICE REPLACEMENT



- ▶ New 1" copper water service installed in same location as the old 5/8ths or 3/4ths lead service.
- ▶ old lead pipe either removed or abandoned in place, depending on situation
- ▶ Transition joint installed at property line from new copper service to existing material inside property.

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 SPRVS Engineering Service Desk 651.266.6270



CONTACT INFO

► Graeme Chaple

Damage Prevention and Inspections Supervisor

Cell: 651.775.3030

Email: graeme.chaple@ci.stpaul.mn.us

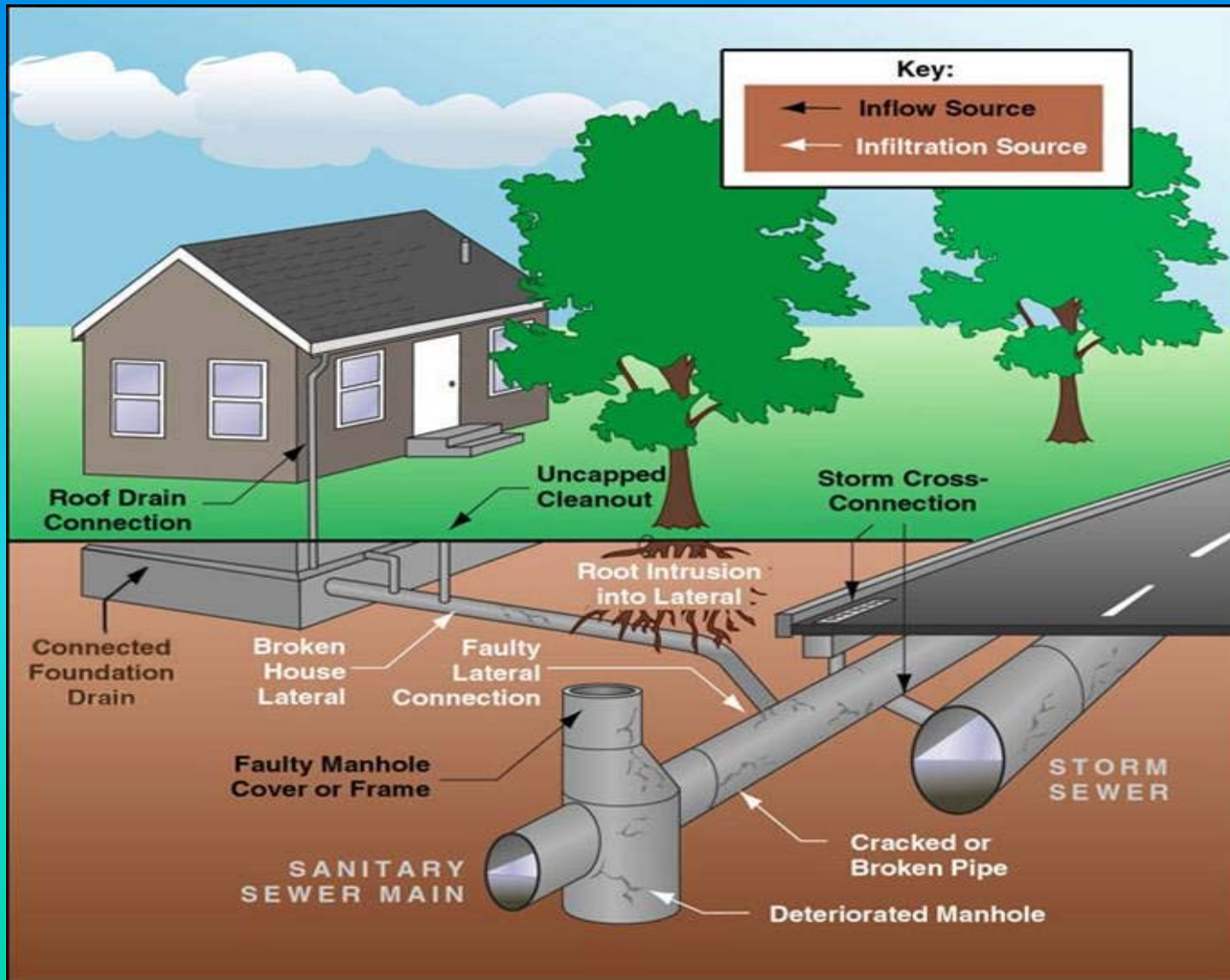
► SPRWS Engineering Service Desk

651.266.6270

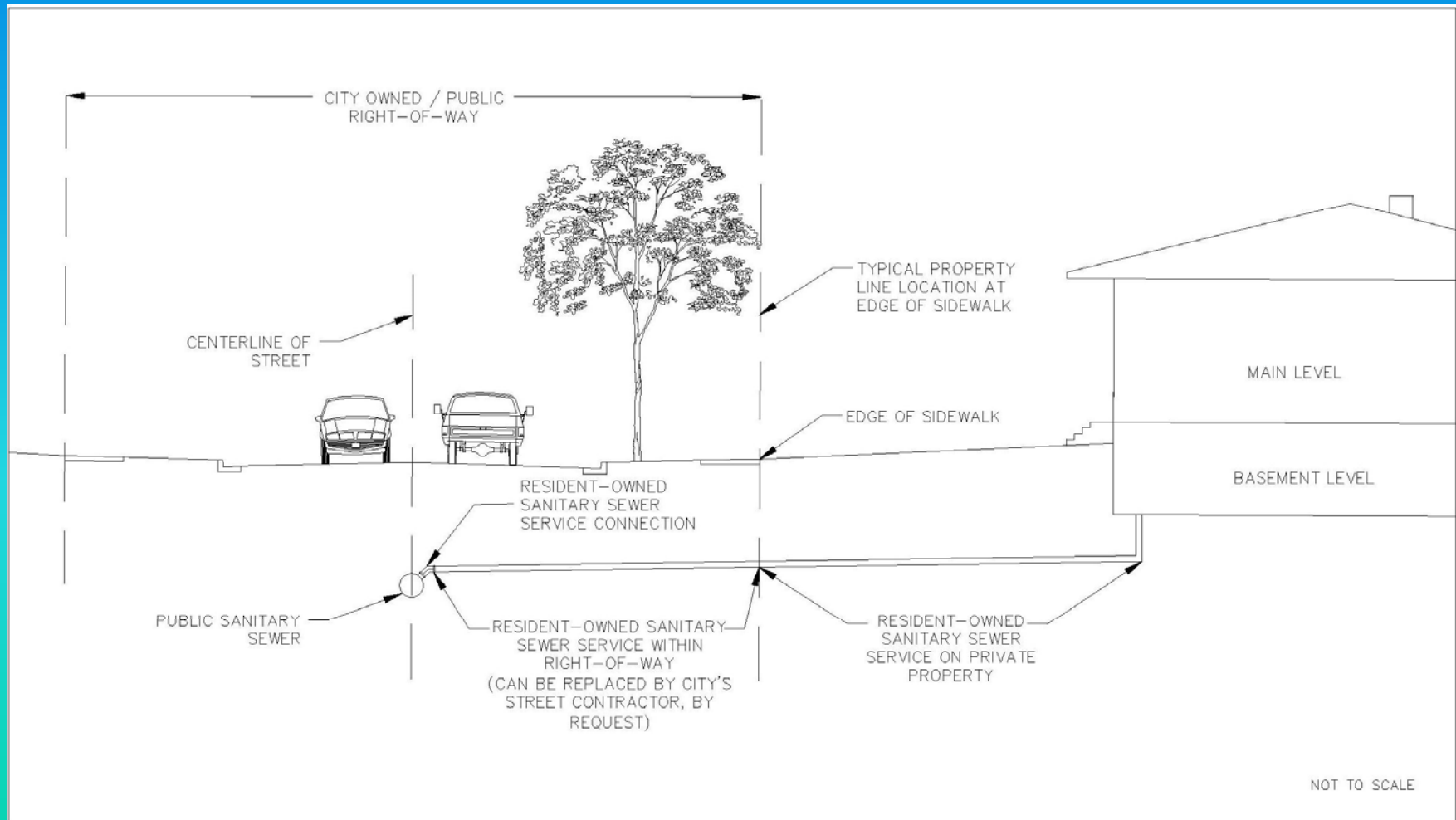
1900 Rice St

Saint Paul, MN 55113

SANITARY SEWER SERVICES



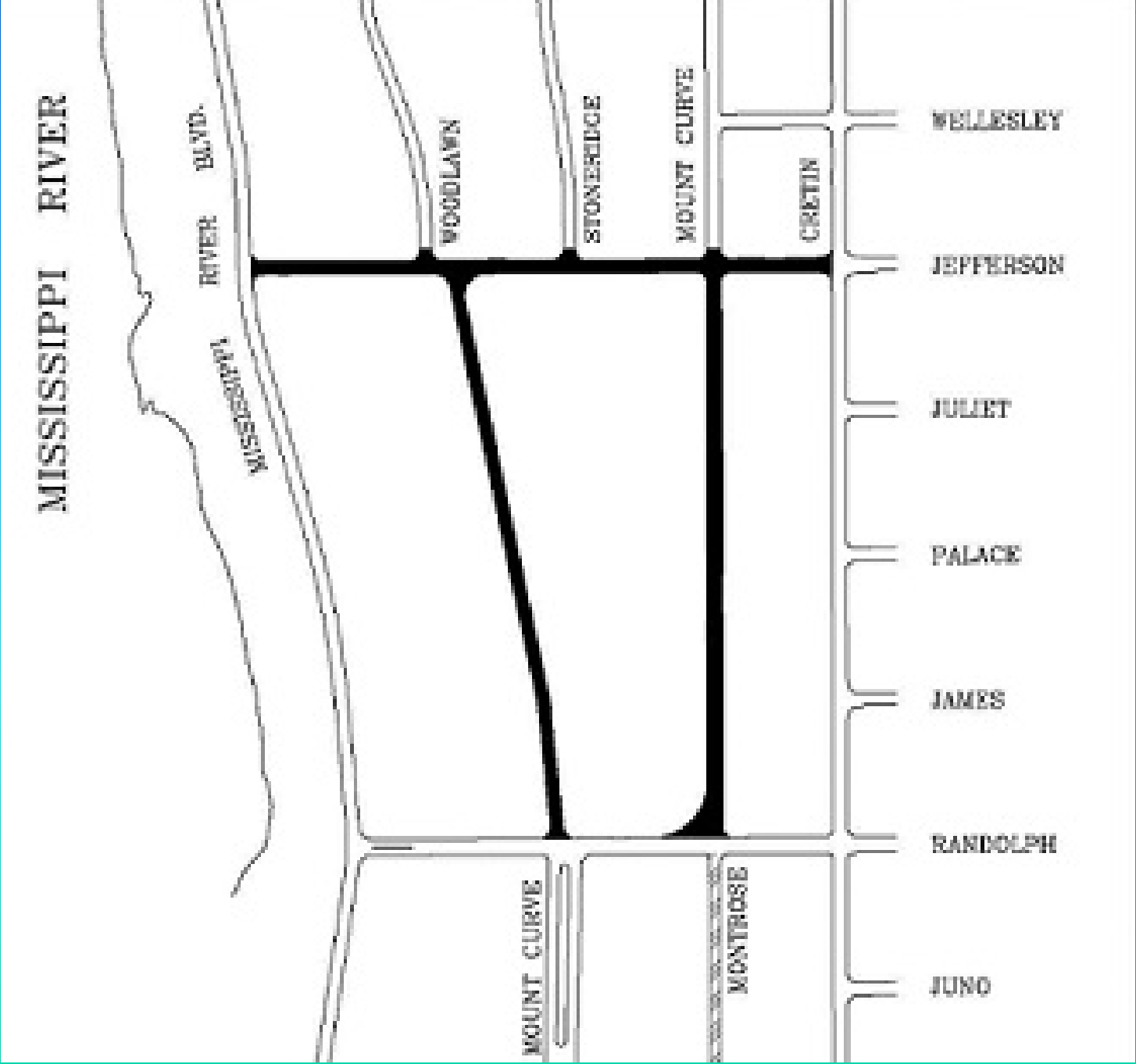
SANITARY SEWER SERVICE REPLACEMENT OPTION



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

- ◉ NOISE
- ◉ DUST
- ◉ MUD
- ◉ LIMITED ACCESS
- ◉ INCONVENIENCE





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 not
all the way through. You will eventually
come to a **"ROAD CLOSED" SIGN.**

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.

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 on Web Page
<https://www.stpaul.gov/departments/public-works/road-construction>

PLACEMENT OF CLASS 5



PLACING CURB



FINAL GRADING



GRADING BOULEVARDS



PLACING ASPHALT WEAR COURSE



PROJECT FUNDING

Historically Street Improvement Bonds

- ◉ 75% of the Project by Property Taxes (paid by all property taxpayers in the city)
- ◉ 25% Assessment to Property Owners

Assessment Group Convened (City Council requested),
to evaluate and recommend

- ◉ Funding Sources
- ◉ Assessment Policy

ASSESSMENT INFORMATION

- Construction approved early 2018
- Assessment approved Fall of 2018
- 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 and a flat fee
- Senior Citizen deferment
- Sanitary sewer and water connections, done by request, are separate assessments
- View / Pay assessment at:
www.stpaul.gov/assessments

QUESTIONS?

CONTACT NUMBERS

- ◉ Project Engineer – Barb Mundahl, 651-266-6112
- ◉ Traffic Signals and 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

THANK YOU FOR ATTENDING!