Wheelock Parkway Reconstruction

Green Spaces and Vibrant Places
Wheelock Parkway Reconstruction

Project Map 2018

City of Saint Paul
Department of Public Works
Street Engineering and Construction Division

2018
WHEELock PARKWAY RECONSTRUCTION
## Wheelock Parkway Reconstruction

### Presenters

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<thead>
<tr>
<th>Department</th>
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Wheelock Parkway Reconstruction

Project Schedule

- This meeting is informational only
- City Council approval/Public Hearing in January 2018
- Design winter of 2017/2018
- Start construction summer 2018
- End construction fall 2018
Wheelock Parkway Reconstruction

Included in the Project

- Sidewalk and ADA-compliant pedestrian ramps
- Bike trail 10-feet (south side)
- New concrete curb and gutter
- New pavement (width = 24-feet)
- Concrete driveway aprons
- Utility upgrades
- Lantern-style street lighting
- Removal of all Ash trees, dead trees, and stumps
- Sodded boulevards
- Tree planting
Sidewalk Replacement

- 5-foot walk
- Typically set at property line
- Realignment (various locations)
- Adjacent to bike trail at intersections
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ADA-Compliant Pedestrian Ramps

Fan Ramp

Directional Ramp
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Bicycle Trail

- 10-foot bituminous trail
- 5-foot minimum offset from curbs
- Adjacent with sidewalk at intersections
- Tabled crosswalk at intersections
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Tabled Crosswalks

- Crosswalk is raised 3-inches
- Improves accessibility for bicyclists and pedestrians
- Traffic-calming design
Wheelock Parkway Reconstruction
Concrete Curb and Gutter

Before

After
Wheelock Parkway Reconstruction
Concrete Curb and Gutter With Catch Basins

Before

After
Wheelock Parkway Reconstruction

Bituminous Pavement

Before

After
Wheelock Parkway Reconstruction

Driveways

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

New driveway aprons will be reconstructed at 12-feet max, 30-feet beyond the garage.
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Grade and Sod Boulevards
If you have a boulevard garden or plants (potential impact by construction) and you want to salvage them, you should remove the plants in the spring before construction works begins.
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Lantern-style Street Lights

Before

After
Wheelock Parkway Reconstruction

Lantern-style Street Lights

Staggered Formation
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Tree Removal
Wheelock Parkway Reconstruction

Emerald Ash Borer
Wheelock Parkway Reconstruction

Emerald Ash Borer Infestation
Wheelock Parkway Reconstruction

Tree Planting

Proposed Planting List

- Crabapple
- Elm Hybrids
- Hackberry
- Ironwood
- Kentucky Coffee
- London Plane

- Northern Oak
- Red Oak
- River Birch
- Serviceberry
- Swamp White Oak
The City of Saint Paul dedicates 1% of the project cost to public art
Wheelock Parkway Reconstruction

Below the Surface
Wheelock Parkway Reconstruction

Xcel Energy 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 approximately 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 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

- 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 SPRWS 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 Street
  Saint Paul, MN 55113
Wheelock Parkway Reconstruction

Sanitary Sewer Replacement Option

PRIVATE SEWER PIPE IN PUBLIC RIGHT-OF-WAY AND PRIVATE PROPERTY

PUBLIC RIGHT-OF-WAY

CENTER LINE OF STREET

CURB

TYPICAL PROPERTY LINE LOCATION AT EDGE OF SIDEWALK

EDGE OF SIDEWALK

PRIVATE SEWER PIPE CONNECTION (OWNED BY PROPERTY OWNER)

PRIVATE SEWER PIPE WITHIN PUBLIC RIGHT-OF-WAY (OWNED BY PROPERTY OWNER)

PROPERTY OWNER CAN REQUEST REPLACEMENT OF THIS PORTION OF PRIVATE SEWER PIPE DURING THIS PROJECT

PRIVATE SEWER PIPE ON PRIVATE PROPERTY (OWNED BY PROPERTY OWNER)

MAIN LEVEL

BASEMENT LEVEL
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Sanitary Sewer Service Issues
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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 do you use it for everything?
- Is there a sinkhole or depression near your building, boulevard, or street?
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Common Sewer Problems

- Dropped connection to the main
- Broken clay pipe
- Root intrusion
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Benefits of Repairing the Sanitary Sewer Service

- Extends the system service life
- Reduces the risk of:
  - Sewer backups
  - Sinkholes
  - Rodent access
- Cheaper during construction:
  - Fixed rate
  - Don’t have to pay for street restoration
  - 20-years to pay
# Wheelock Parkway Reconstruction
## Sanitary Sewer Service

## COST COMPARISON INFORMATION
### Replacing Your Sewer Service From the Main to the Property Line

<table>
<thead>
<tr>
<th>During Construction</th>
<th>After Construction</th>
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<td>Approximately $3,000</td>
<td>Typically More Than $5,000</td>
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- Cost to property owner can be spread out over a 20-year term/assessment
- No street restoration costs
- Restoration costs are paid by the property owner

If you are interested – **ACT NOW!**
Wheelock Parkway Reconstruction

Living Through a Construction Project

- Noise
- Dust
- Mud
- Limited access
- Inconvenient
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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
- Plan on 4-months of disruption
- Residents and emergency vehicle access will be maintained at all times
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 and rain will delay us

Contractors work five-to-six days a week from 7:00 a.m. until 5:00, 6:00, 7:00 p.m.

The City of Saint Paul will have an onsite representative (project inspector) to inspect the contractors’ work
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Roadway Construction Signs

**ROAD CLOSED TO THRU TRAFFIC** means you can get to your house, but you cannot get all the way through - you will eventually come to a **ROAD CLOSED** sign.

**ROAD CLOSED** means **DO NOT ENTER!**
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Parking

- The contractor will post NO PARKING signs everywhere

- If there is no activity on your block, you may park in front of your house

- If there is activity on your block, please leave contact information on the dashboard - the contractor would rather call you than a tow truck

- Police agree not to ticket unless requested by Public Works or the contractor
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Project Information and Updates

- You will receive a letter prior to the start of construction. Keep this for names and contact numbers.

- A flyer will be handed out a week before construction starts on your block. Check front doors for flyers.

- Onsite Public Works inspector: The project inspector should be your first call with questions or issues.

- Weekly updates will be posted to the city’s website at www.stpaul.gov/construction.
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Placement of Class 5
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Placing Curb
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Final Grading
Wheelock Parkway Reconstruction
Grading Boulevards
Wheelock Parkway Reconstruction

Placing Asphalt Wear Course
Wheelock Parkway Reconstruction

Before and After
City of Saint Paul
Office of Financial Services
Real Estate Section
Assessments
Wheelock Parkway Reconstruction

Project Funding

Historically Street Improvement Bonds:

- 75% of the project by property taxes (paid by all taxpayers in the city)
- 25% Assessment to property owners

Assessment group convened (City Council requested) to evaluate and recommend:

- Funding sources
- Assessment policy
Wheelock Parkway Reconstruction

Assessment Information

- Construction approved early 2018
- Assessments approved fall of 2018
- Bill is sent – 30 days to pay to avoid interest
- If not fully paid, annual installments automatically go onto 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 assessments at: www.stpaul.gov/assessments
# Wheelock Parkway Reconstruction

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Danforth Street to Schletti Street
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Schletti Street to Cohansey Street
Wheelock Parkway Reconstruction
Cohansey Street to Cottage Avenue
Wheelock Parkway Reconstruction
Arundel Street to Western Avenue
Wheelock Parkway Reconstruction

Intersection Redesign
Wheelock Parkway Reconstruction

Alternative #1
Wheelock Parkway Reconstruction

Alternative #2
THANK YOU!

for attending