



# 2017 Pavement Management Project

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FALCON HEIGHTS – APRIL 20, 2016

# 2017 Pavement Management Project

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- ❖ Why?
- ❖ Proposed Improvements
- ❖ Project Costs
- ❖ Assessments
- ❖ Project Funding
- ❖ Schedule

# 2017 PMP Improvements

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## Streets to be included in feasibility study:

- Garden Avenue, from Snelling Avenue to Hamline Avenue
- Folwell Ave, from Fulham St to Hoyt Ave
- Vincent St, from Hoyt Ave to Folwell Ave
- Northrup Ave, from Hoyt Ave to Folwell Ave
- Burton St, from Hoyt Ave to Folwell Ave
- Coffman St, From Hoyt Ave to Larpenteur Ave





## **Marginal**

**PCI: 70-45**

- Mill and Overlay
- Reclaim

## **Adequate PCI: 100-70**

- Routine Maintenance
- Crack Seal/Seal Coat
- Patching



**Poor  
PCI = 45-0**

- Poor Drainage
- Reconstruction

# 2017 PMP Improvements

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## Street Improvements

- Reclaim bituminous pavement
- Repave bituminous pavement
- Replace damaged/deteriorated curb and gutter

# Garden Avenue

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# Grove Neighborhood

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# 2017 PMP Improvements

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## Pathway Improvements

- Roselawn Ave from Fairview Ave to Cleveland Ave
  - Reclaim bituminous pathway
  - Repave bituminous pathway

# Roselawn Pathway

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# 2017 PMP Improvements

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## Utility Improvements

- Water main improvements proposed
  - Replace most of watermain in Grove neighborhood
  - Paid for by Saint Paul Regional Water Services
- Sanitary sewer mains have already been lined

# Saint Paul Regional Water Services



GRAEME CHAPLE – DAMAGE PREVENTION  
AND INSPECTIONS SUPERVISOR

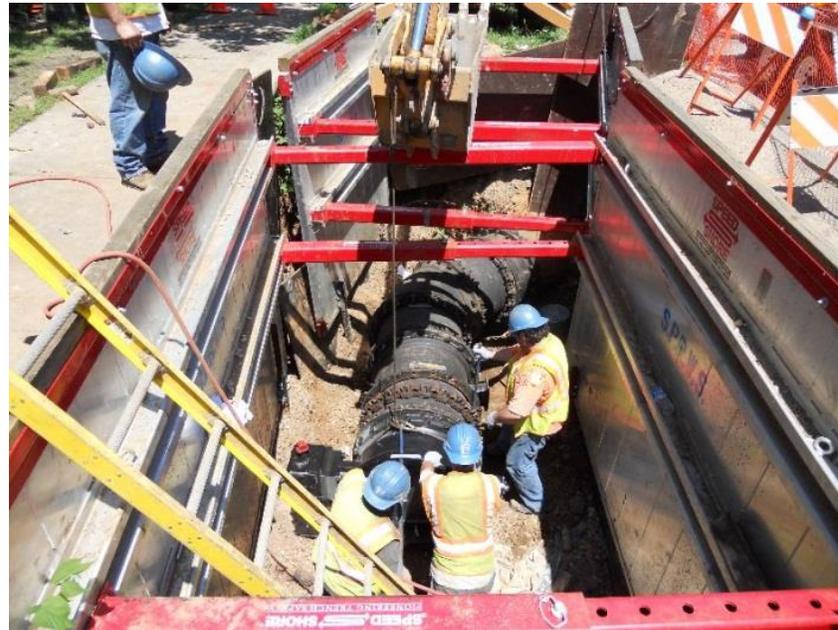
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# Water main Replacement

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- 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

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- 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

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- 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

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- 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

# 2017 PMP Improvements

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## Drainage Improvements

- Adjust existing catch basins
- Replace deteriorated catch basin structures
- Extend storm sewer if necessary and feasible
- Cost not assessed; funded by storm sewer fund

# Private Utilities

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Xcel Gas, Qwest, Comcast

Coordinate any necessary improvements prior to street work

# Estimated Project Cost

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Estimated Project cost = \$994,396

- Street Improvements = \$498,216
- Pathway Improvements = \$81,000
- Storm Sewer = \$83,036
- Assessments = \$332,144

# Assessment Policy- Streets

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Assessment rate based on lot frontage at building setback

Corner lots assessed 100% long, 0% short side

## Assessment Rates

- Residential - 40% of project cost
- Commercial/Multi-unit residential - 60% of project cost
- Tax-exempt - 100% of project cost

# Assessments- Reclaim

## (Grove Neighborhood)

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Total frontage = 8,595

### Estimated Assessment Rate for Reclaim

- 40% project cost per foot = \$22.97
- 60% project cost per foot = \$34.46

# Assessments- Reclaim (Garden)

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Total frontage = 4,278

## Estimated Assessment Rate for Reclaim

- 40% project cost per foot = \$36.56
- 100% project cost per foot = \$91.40

# Assessments- Payment Options

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After assessment hearing (October 2017):

- ❖ Pay part or all up front interest free in first 30 days
- ❖ Add to property taxes
  - ❖ Length of payment period and interest rate set by City Council
    - ❖ Typically 7 years
    - ❖ Interest rate 2% over current rate of return on the City's portfolio
  - ❖ First payment due in 2018 with property taxes
- ❖ Hardship deferral

# Assessment Deferral

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Homestead property

Age 65 or older, or retired by virtue of a disability

Payment would be a hardship

Assessment will accrue interest

Application available at City Hall

# Proposed Project Schedule

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- ❖ Neighborhood Meeting April 20, 2016
- ❖ Prepare Feasibility Report Spring 2016
- ❖ Preliminary Design Summer 2016
- ❖ Neighborhood Meeting Fall 2016
- ❖ Public Hearing/Authorize Plans and Specs Fall 2016
- ❖ Construction Summer 2017
  - ❖ Garden Avenue - Between School Years
- ❖ Final Assessment Hearing October 2017

# Questions?

# Contact Info

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