

COMO AVENUE PAVING PROJECT



COMO Avenue at Carter 1928

PRESENTERS

- ◉ Project Engineer – Barb Mundahl, 651-266-6112
- ◉ Street Lighting – Ben Hawkins, 651-266-6256
- ◉ 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

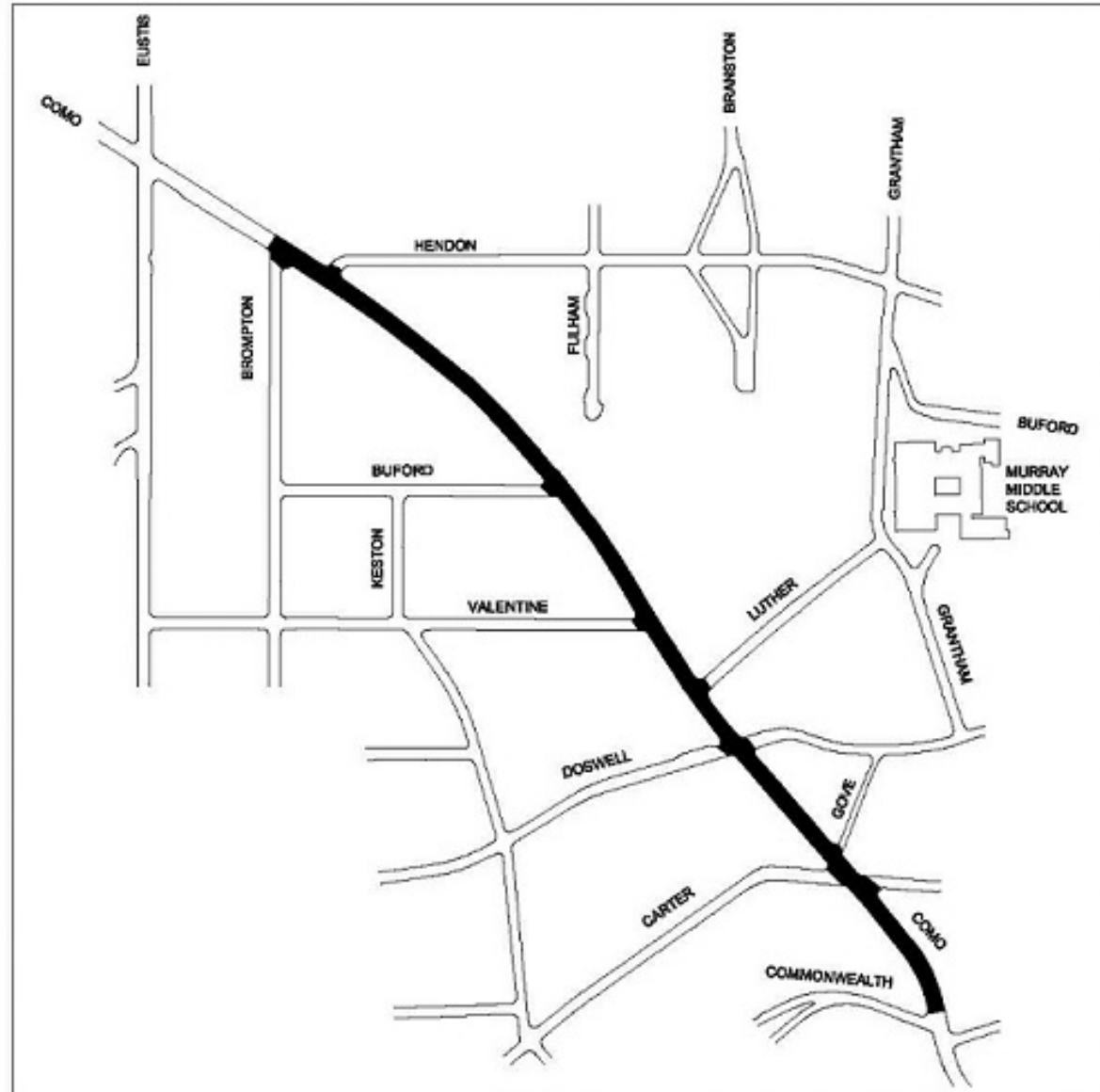


- ◉ This meeting is informational only.
- ◉ City Council Approval/Public Hearing in February, 2018.
- ◉ Design Winter of 2017/2018
- ◉ Start Construction Summer 2018
- ◉ End Construction Fall 2018

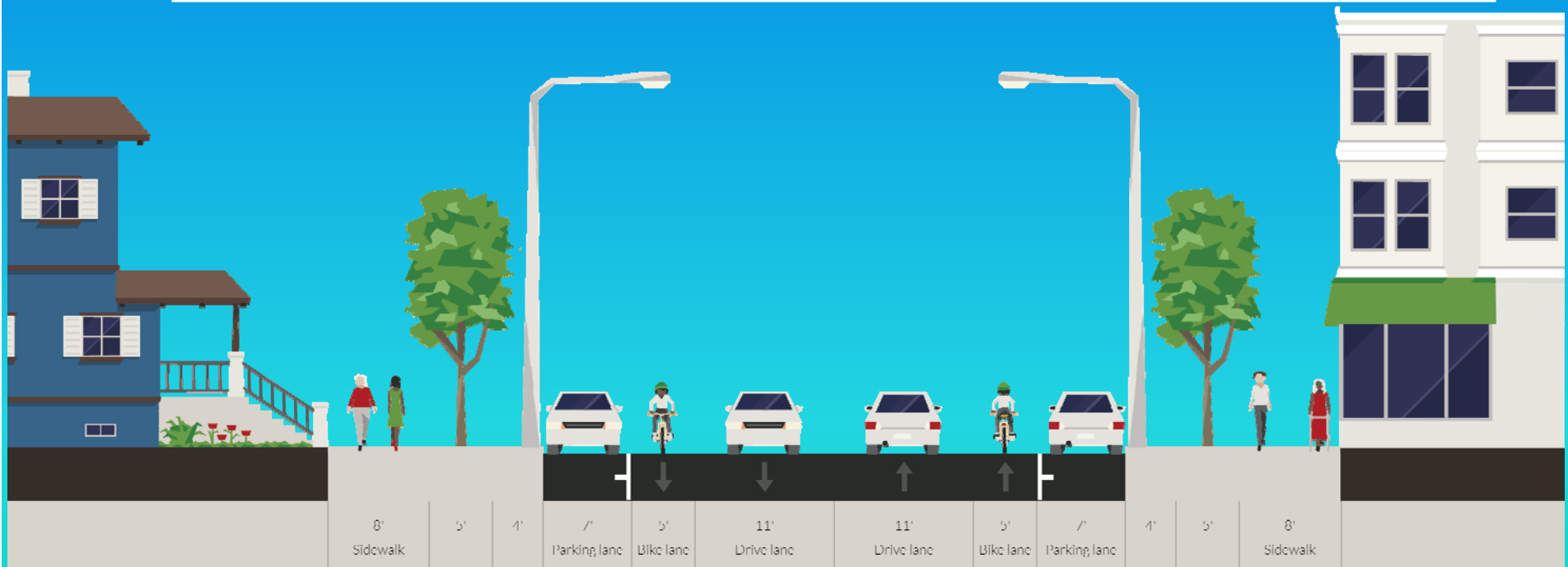
PROJECT INCLUDES:

- 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

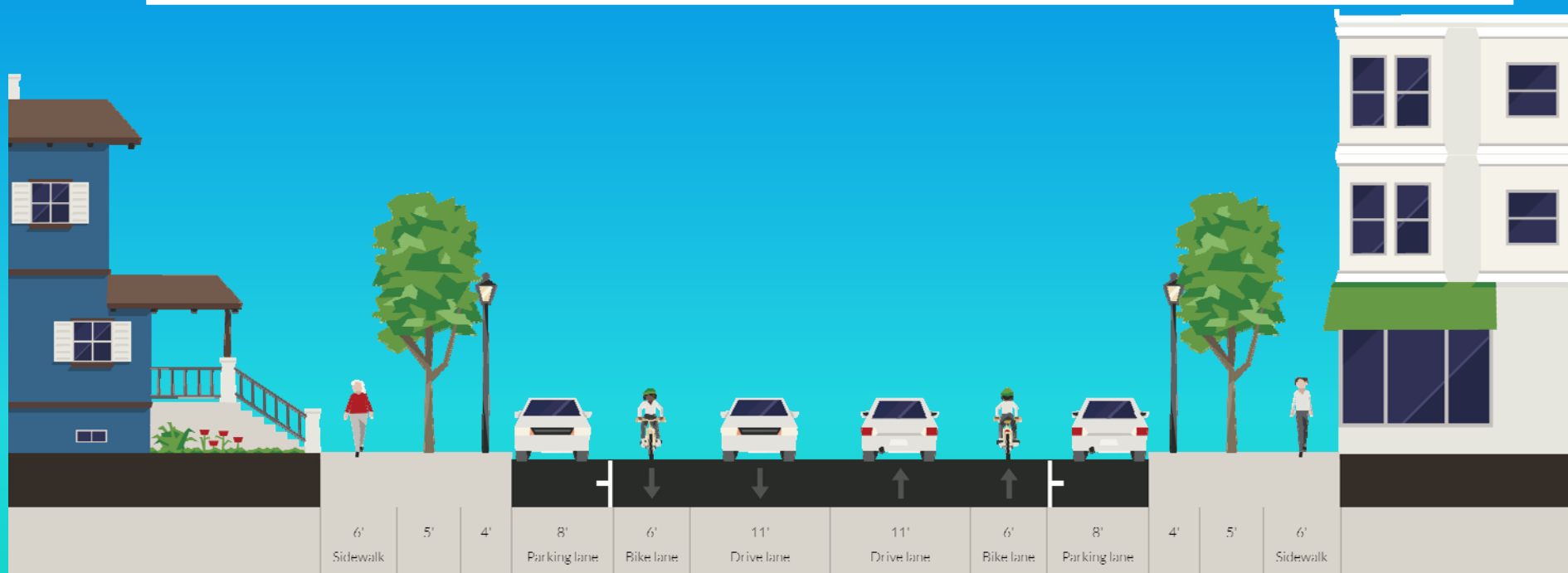


Existing Como Avenue – 46' Roadway/80' ROW



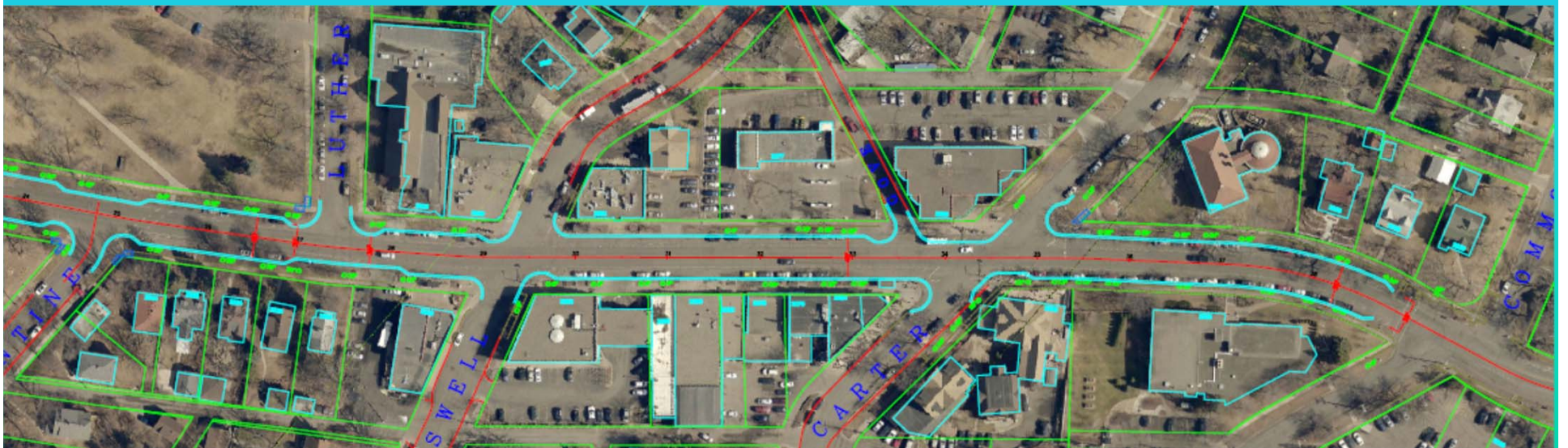
- 80' Right of Way (73' ROW between Commonwealth and Carter)

Proposed Como Avenue - 50' Roadway/80' ROW

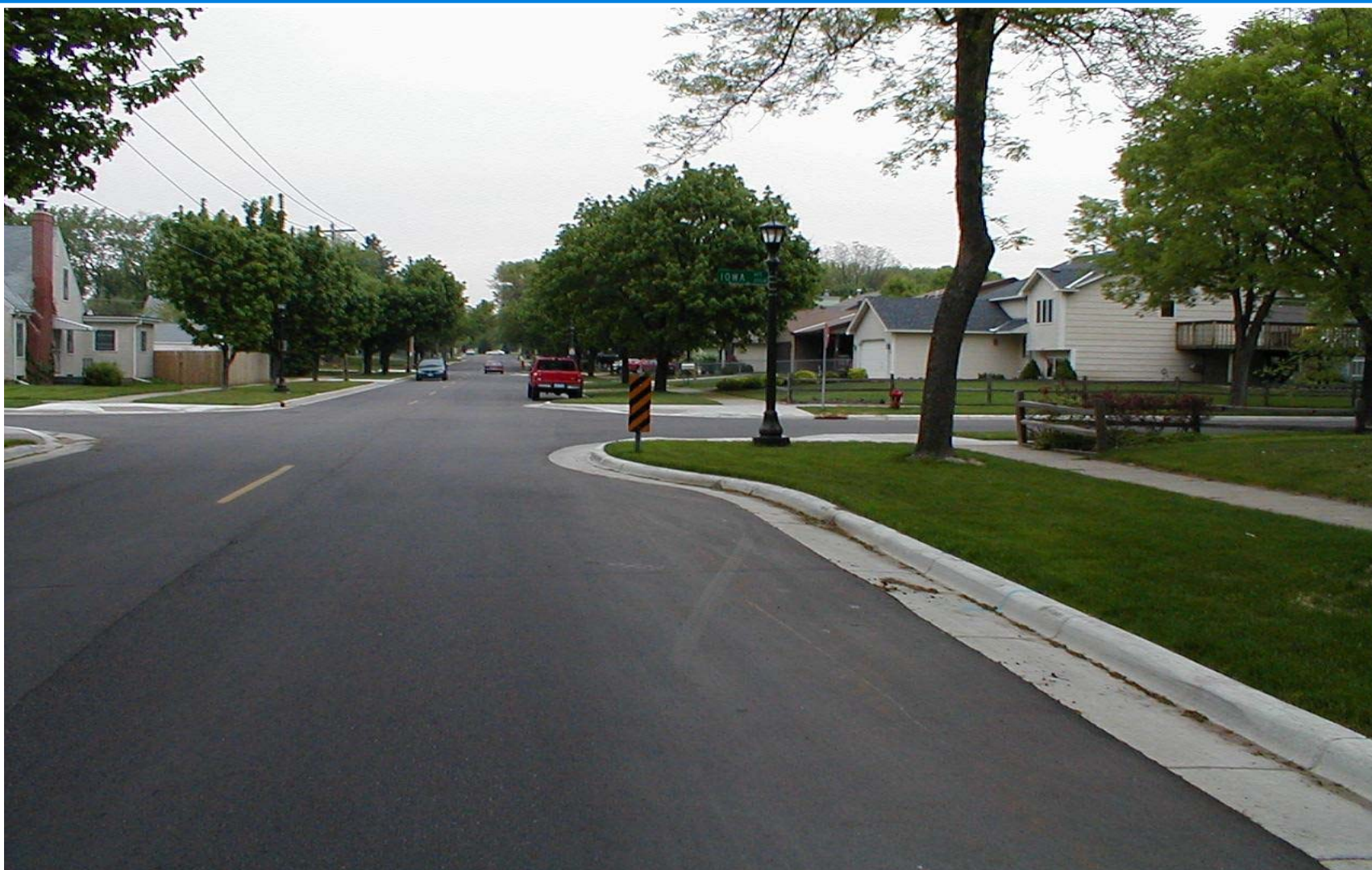


- 48' wide roadway between Commonwealth and Doswell
- No Loss of Parking!

PROPOSED COMO AVENUE LAYOUT

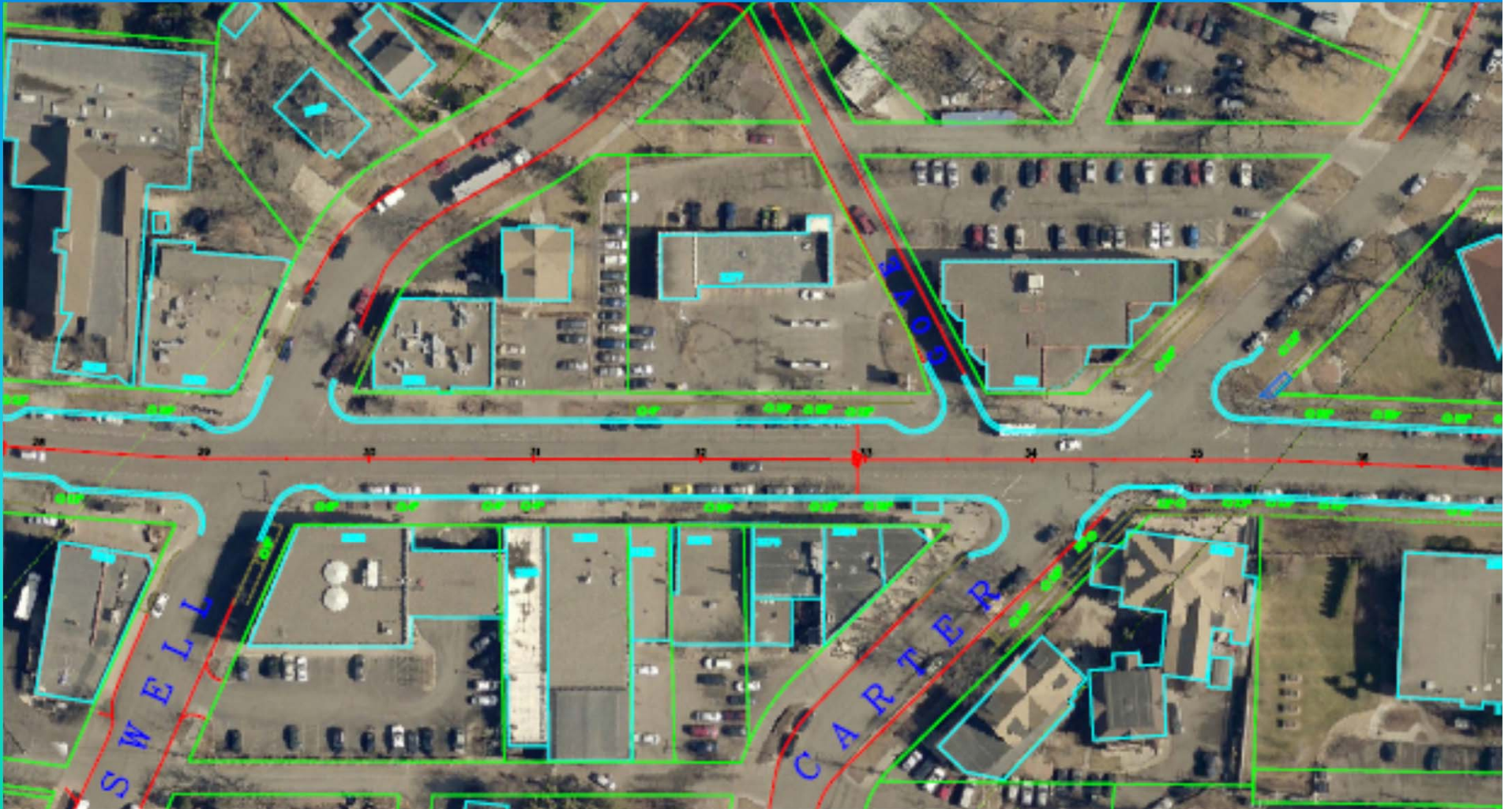


CURB BUMP OUTS



The project will re-align skewed intersections and add bump outs to decrease pedestrian crossing distances.

PROPOSED DOSWELL AND CARTER INTERSECTIONS



ADA COMPLIANT PEDESTRIAN RAMPS



CONCRETE CURB AND GUTTER WITH 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.



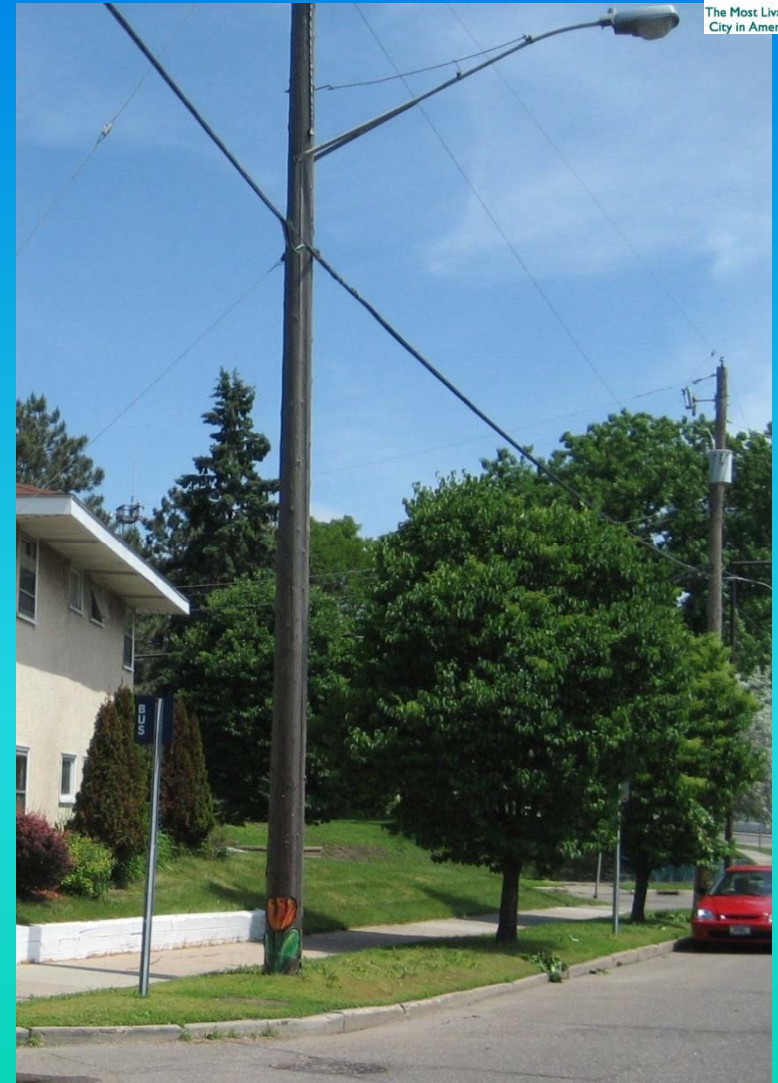
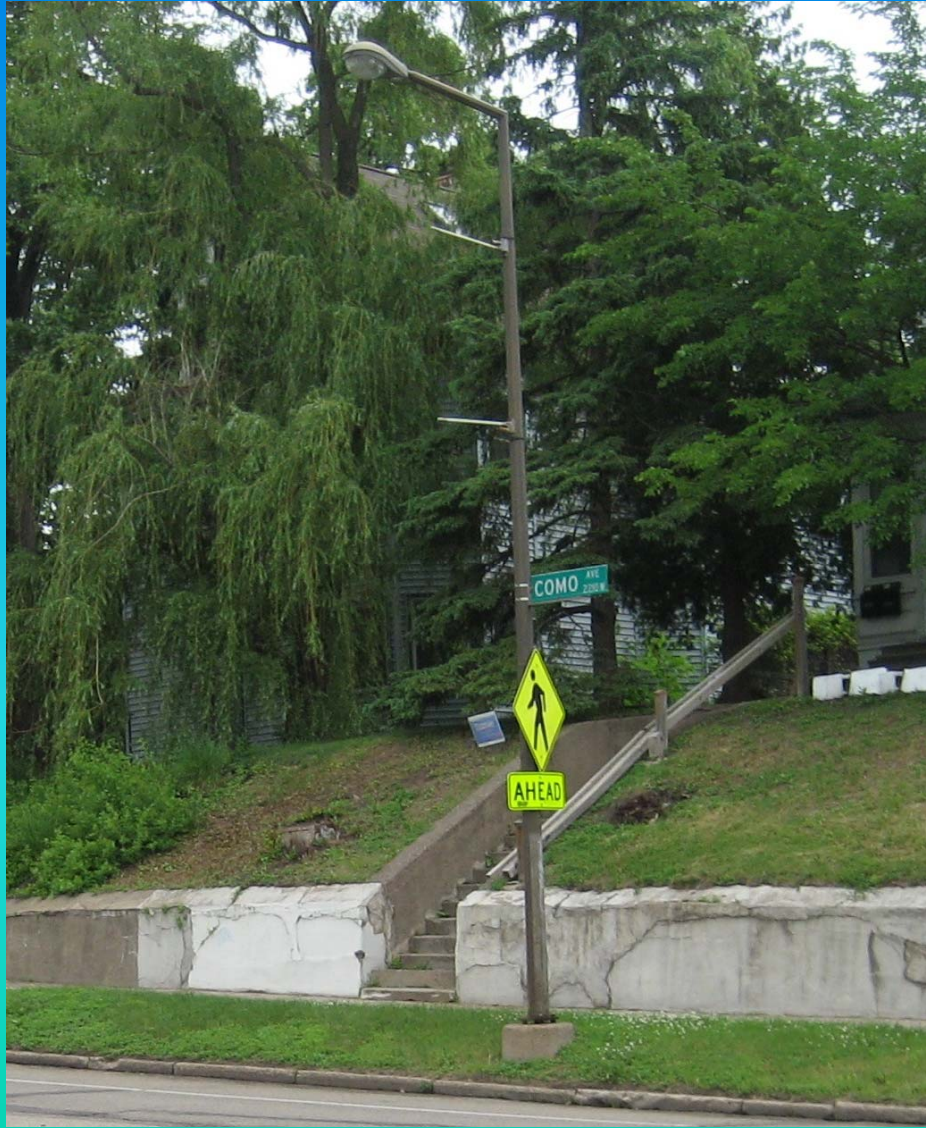
CONCRETE OUTWALKS



OFFSET OUTWALK



EXISTING STREET LIGHTS



LANTERN 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

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.

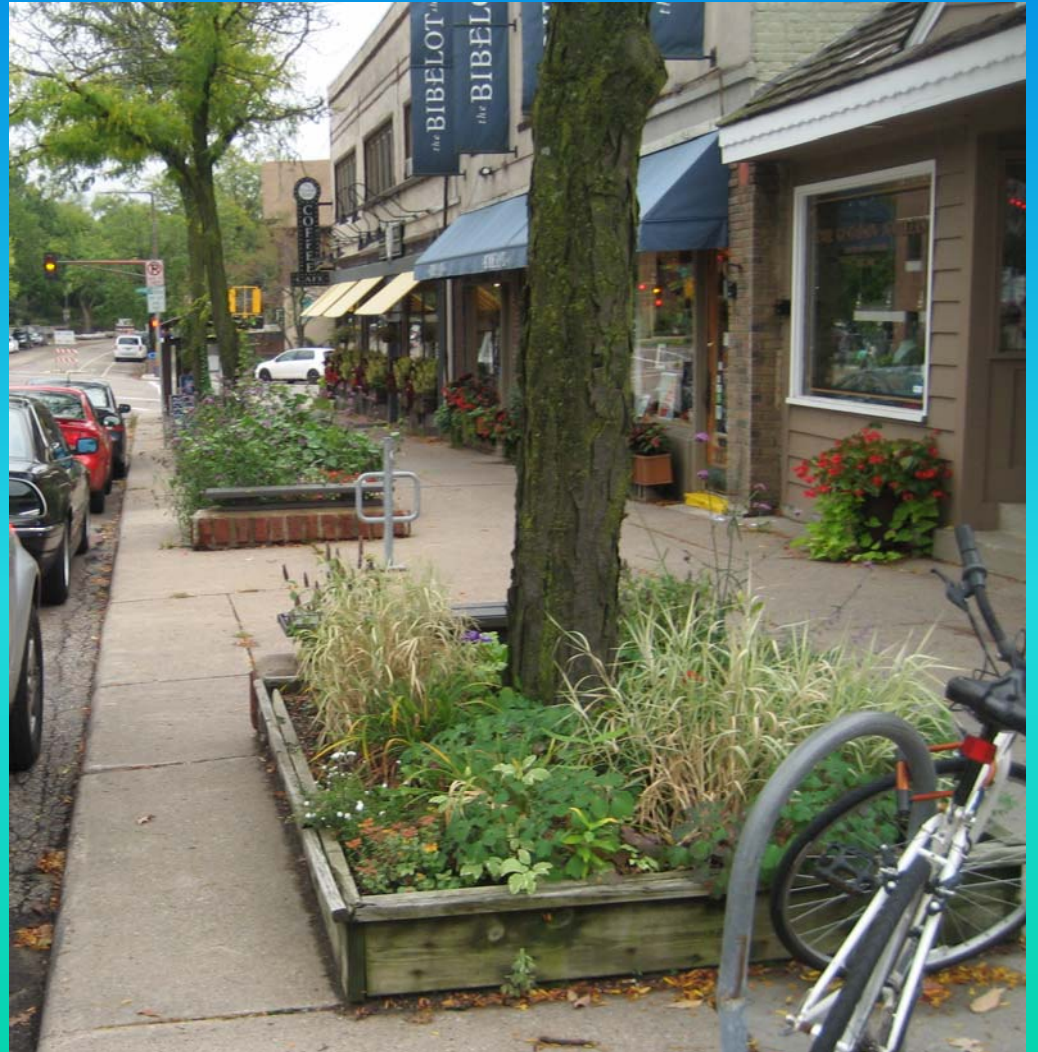
TREE REMOVAL



TREE REMOVAL



Raised Tree Boxes
will be Removed.



TREE PLANTING

Proposed Planting List:

- Northern Pin Oak
- Red Oak
- Swamp White Oak
- Kentucky Coffee tree
- Hackberry
- River Birch
- London Plane tree
- Elm Hybrids
- Ironwood
- Serviceberry
- Crabapple



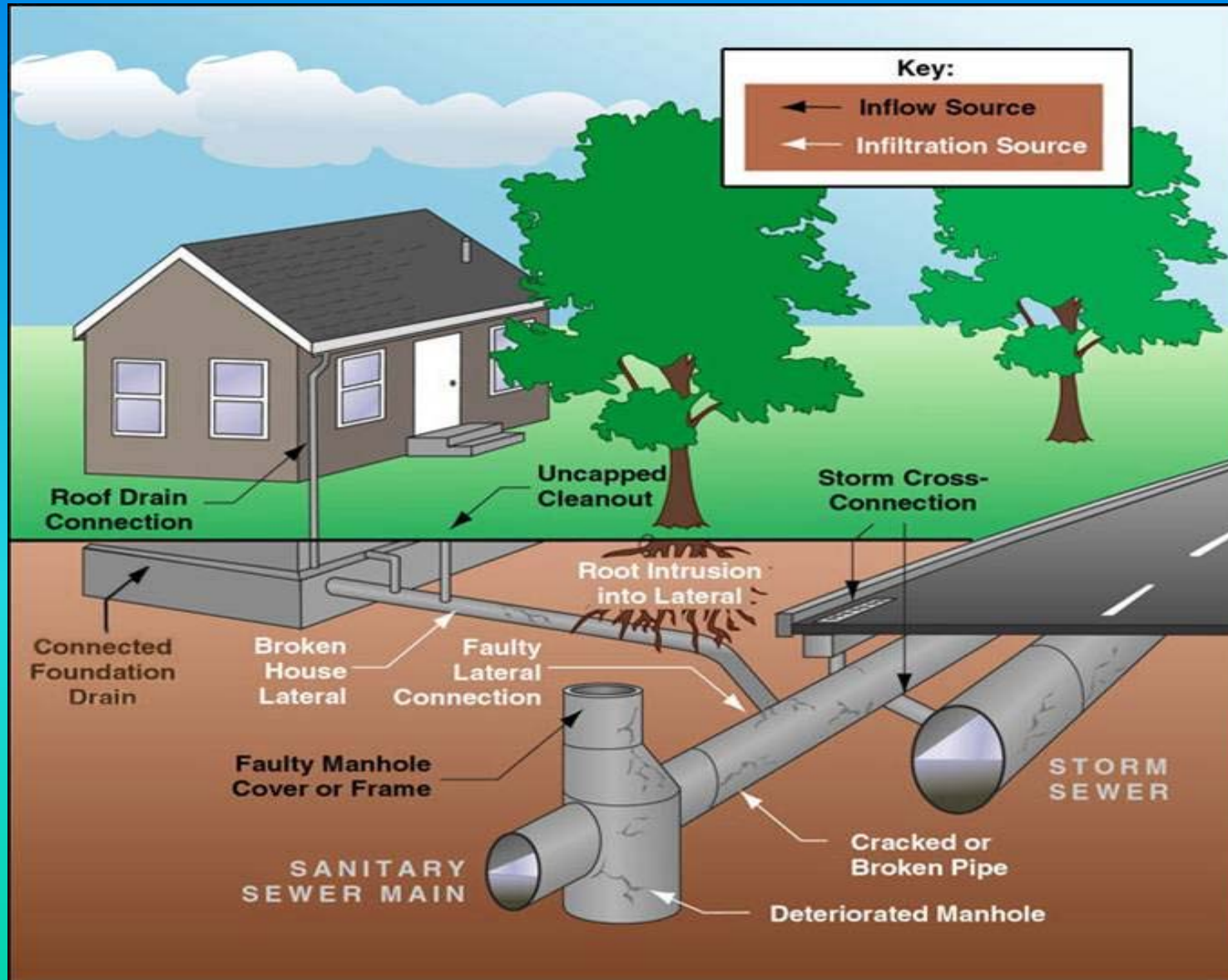
BELOW THE SURFACE



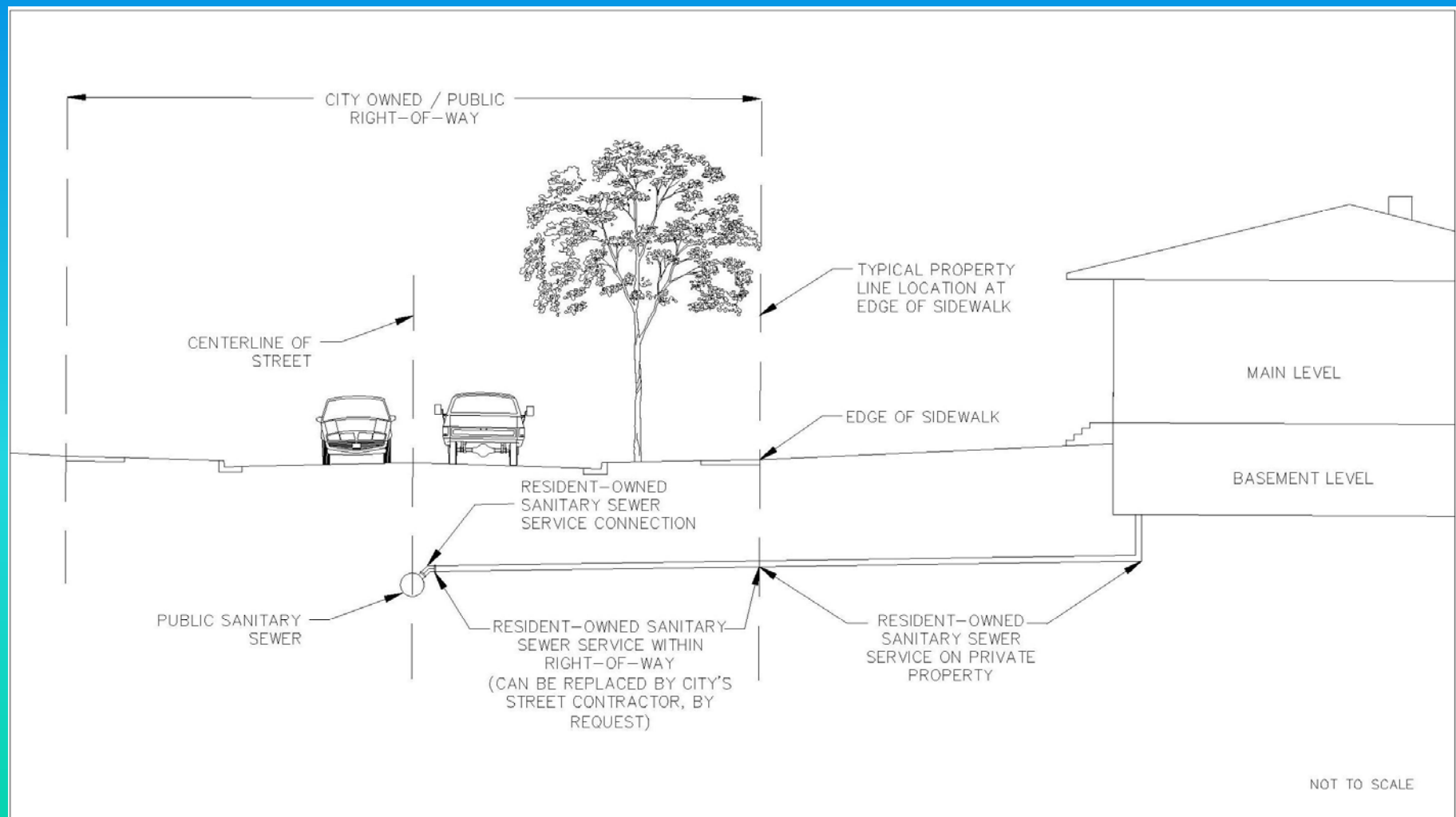
XCEL GAS MAIN AND SERVICE REPLACEMENT



SANITARY SEWER SERVICE ISSUES



SANITARY SEWER SERVICE REPLACEMENT OPTION



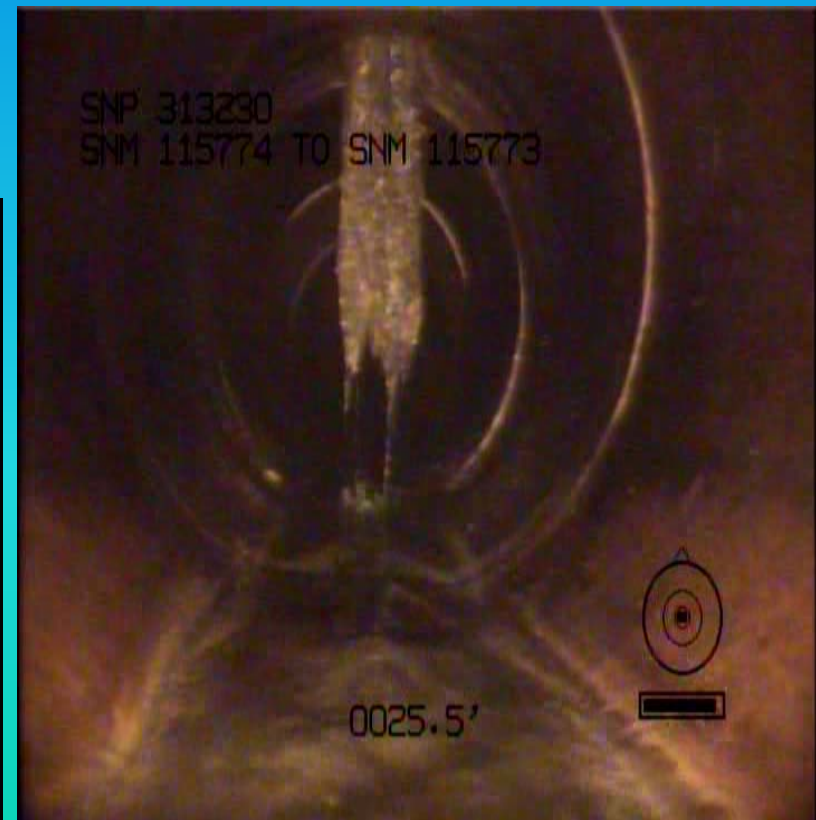
WARNING SIGNS OF A DEFECTIVE SEWER SERVICE

- 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	“AFTER” Construction
<p data-bbox="352 816 806 878"><u>Approx. \$3,000</u></p> <ul data-bbox="163 894 978 1179" style="list-style-type: none"><li data-bbox="163 894 978 1105">▪ Cost to Property Owner can be spread out over a 20-year term/assessment<li data-bbox="163 1122 978 1179">▪ No street restoration costs	<p data-bbox="1077 816 1879 878"><u>Typically More than \$5,000</u></p> <ul data-bbox="1035 894 1850 1032" style="list-style-type: none"><li data-bbox="1035 894 1850 1032">▪ Restoration costs are paid by the Property Owner

If you are interested act now!



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



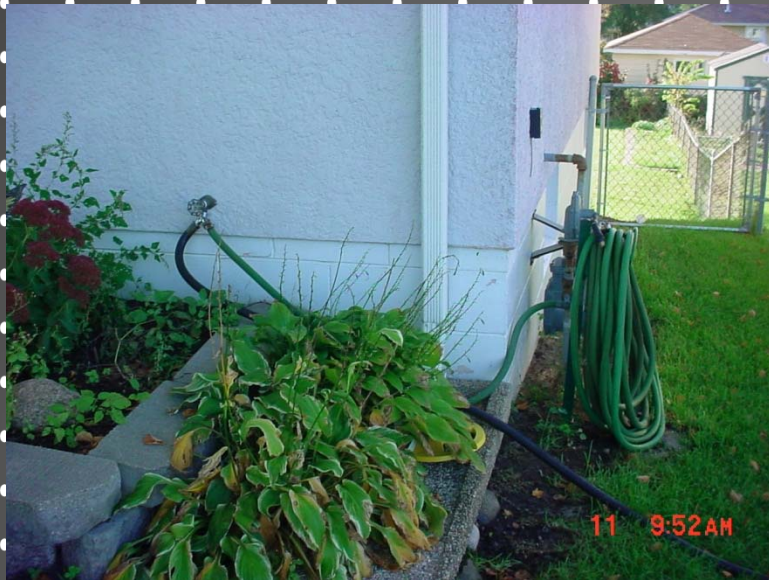
- ▶ Water main is approx. 8' feet deep
- ▶ Most existing residential water mains are 6" diameter cast iron pipe.
- ▶ Most mains are replaced as 8" diameter ductile iron pipe or 8" PVC dependent on existing soils.
- ▶ Installation by PW Contractor, SPRWS providing temporary water
- ▶ Water main must pass 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

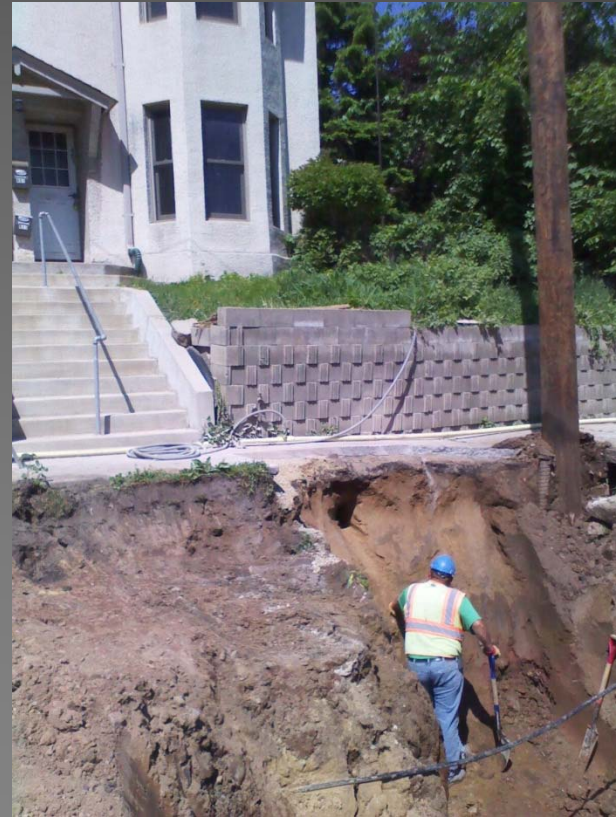
LEAD SERVICE REPLACEMENT



- ▶ 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

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.

CONSTRUCTION STAGING



- ROADWAY MUST BE OPEN AND PASSABLE DURING THE STATE FAIR (AUG. 23 – SEPT. 4)
- TRAFFIC SIGNALS AT CARTER AND DOSWELL MUST BE OPERATIONAL DURING THE STATE FAIR
- BROMPTON INTERSECTION MAY BE CLOSED TO TRAFFIC NO MORE THAN 20 CALENDAR DAYS
- DOSWELL INTERSECTION MAY BE CLOSED TO TRAFFIC NO MORE THAN 20 CALENDAR DAYS
- CARTER INTERSECTION MAY BE CLOSED TO TRAFFIC NO MORE THAN 20 CALENDAR DAYS

-  STAGE 1A (BEFORE JULY 4)
-  STAGE 1B (BEFORE JULY 4)
-  STAGE 2 (JULY 5 – AUG. 23)
-  STAGE 3 (SEPT. 5 – OCT. 31)

NOTES:

1. CONSECUTIVE STAGES SHALL NOT PROCEED UNTIL THE CURB AND GUTTER, FLATWORK AND BASE COURSE ARE INSTALLED ON THE PREVIOUS STAGE.
2. ALL BARRICADES, PAVEMENT MARKINGS AND SIGNS NECESSARY, INCLUDING SPECIALTY SIGNS, SHALL BE INCIDENTAL TO LUMP SUM BID ITEM 2563.601, "TRAFFIC CONTROL".
3. CONTRACTOR MAY ALTER ORDER OF STAGING AT ENGINEER'S DISCRETION.
4. COMO AVENUE SHALL REMAIN ACCESSIBLE TO PEDESTRIAN AND BICYCLE TRAFFIC THROUGHOUT THE CONSTRUCTION. THE CONTRACTOR MUST ACCOMMODATE PEDESTRIAN MOVING AROUND AND THROUGH THE PROJECT AREA DURING CONSTRUCTION. THE CONTRACTOR SHALL CLEARLY DELINEATE THE TRAVEL PATH FOR PEDESTRIANS TRAVELING THROUGH AND AROUND THE PROJECT AREA ACCORDING TO PART 6 OF THE MN MUTCD.

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.**

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 www.stpaul.gov.

PLACEMENT OF CLASS 5



PLACING CURB



FINAL GRADING



GRADING BOULEVARDS



PLACING ASPHALT WEAR COURSE



BEFORE AND AFTER



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!