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2017 Neighborhood Roadway Improvements

Informational Meeting

July 25, 2016



2017 Projects



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- In-House Projects
 - Birchcrest A/Countryside B – 224 properties
 - Countryside G – 60 properties
 - Chowen Park D – 8 properties
- Consultant Project
 - Parklawn Avenue (Municipal State Aid) – 20 properties

Agenda

- Introductions
- Timeline
- Project Scope
- What You Can Expect
- Funding Sources
- Communication
- How to Prepare
- Q&A



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Introductions



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Director of Engineering



Chad Millner

Engineering Coordinator



Sharon Allison

Engineering Technicians



Tom Haataja



Andrew Scipioni



Derek Northenscold

Assistant City Engineer



Carter Schulze

Transportation Planner



Mark Nolan

Environmental Engineer



Ross Bintner



Charlie Gerk



Mohamed Mohamed

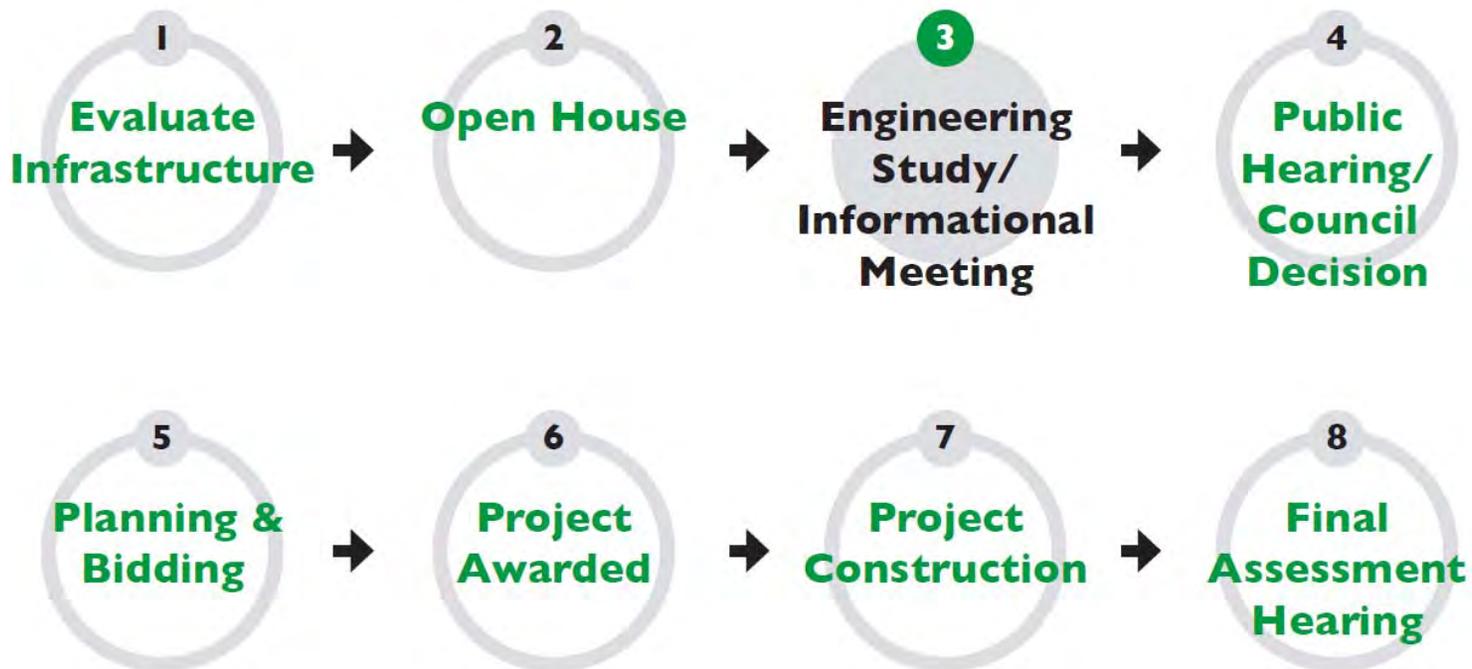


Jon Moore

Project Process



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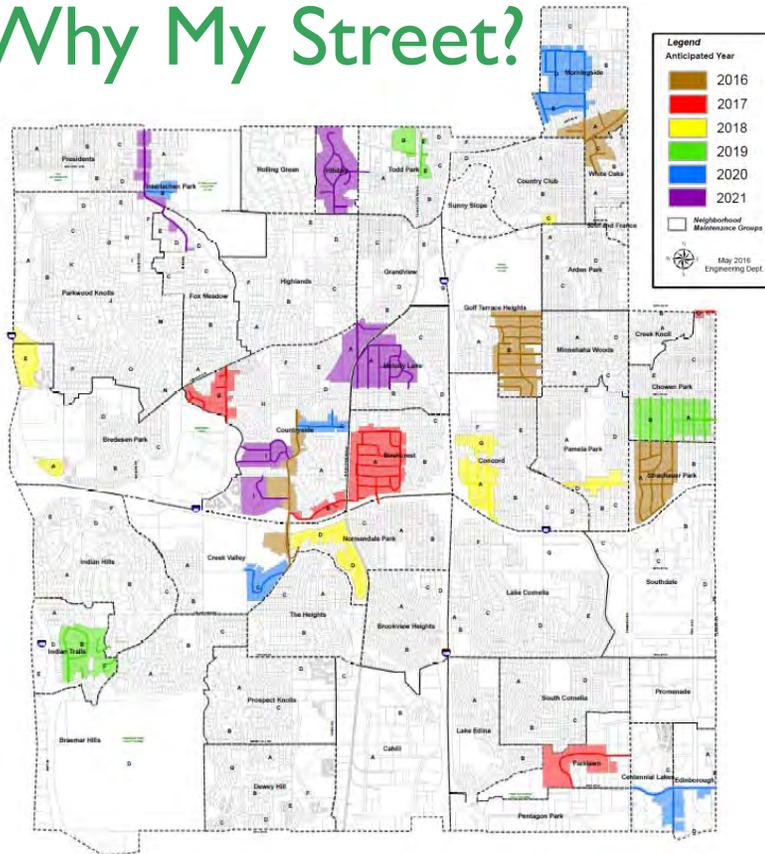
Typical Project Timeline



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July – September 2016	Engineering studies/estimates provided
November - December 2016	Public hearings
January – March 2017	Plan preparation and bidding
April – May 2017	Construction begins
October – November 2017	Construction concludes
Spring 2018	Warranty work
Fall 2018	Final assessment hearing

Why My Street?



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- Proactive Pavement Management Program
- Streets grouped into neighborhoods
 - Extends pavement life
 - Maximizes economies of scale
- Prioritized based on;
 - Pavement condition
 - Age of original construction
 - Utility issues

Why Reconstruct?

- Streets originally constructed in 1940s-1980s (30-70 years old)
- Utility issues to address beneath roadway
- More cost-effective than other maintenance strategies (mill & overlay, sealcoat)



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Living Streets Plan



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- Approved by City Council May 6, 2015
- Balances needs of motorists, bicyclists, pedestrians, and transit riders
- Incorporates
 - Minimum roadway design elements
 - Sidewalk Facilities Plan
 - Bicycle Facilities Plan
 - Active Routes to School Plan



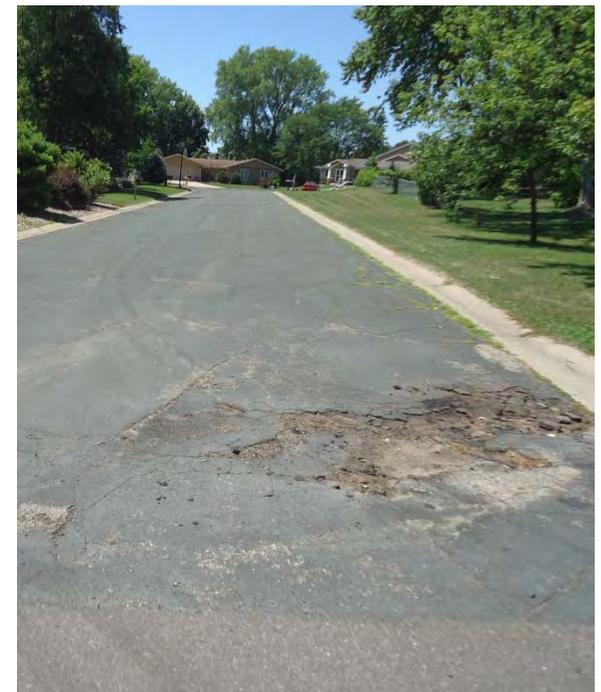
Existing Conditions - Roadway



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- Pavement reaching end of useful life
- Most streets have curb and gutter
- Many properties already have concrete driveway aprons



Existing Conditions - Utilities



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- **Watermain**

- Loss in pipe wall thickness
- Main and service breaks
- Undersized mains

- **Sanitary Sewer**

- Inflow and infiltration
- Cracks, breaks, sags, etc.

- **Storm Sewer**

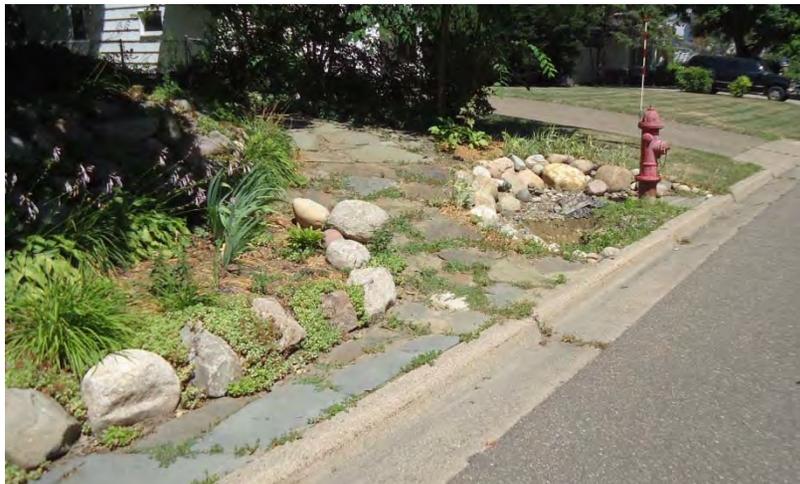
- Structure deficiencies
- Undersized pipes
- Curb and gutter failing

Existing Conditions – Right-of-Way



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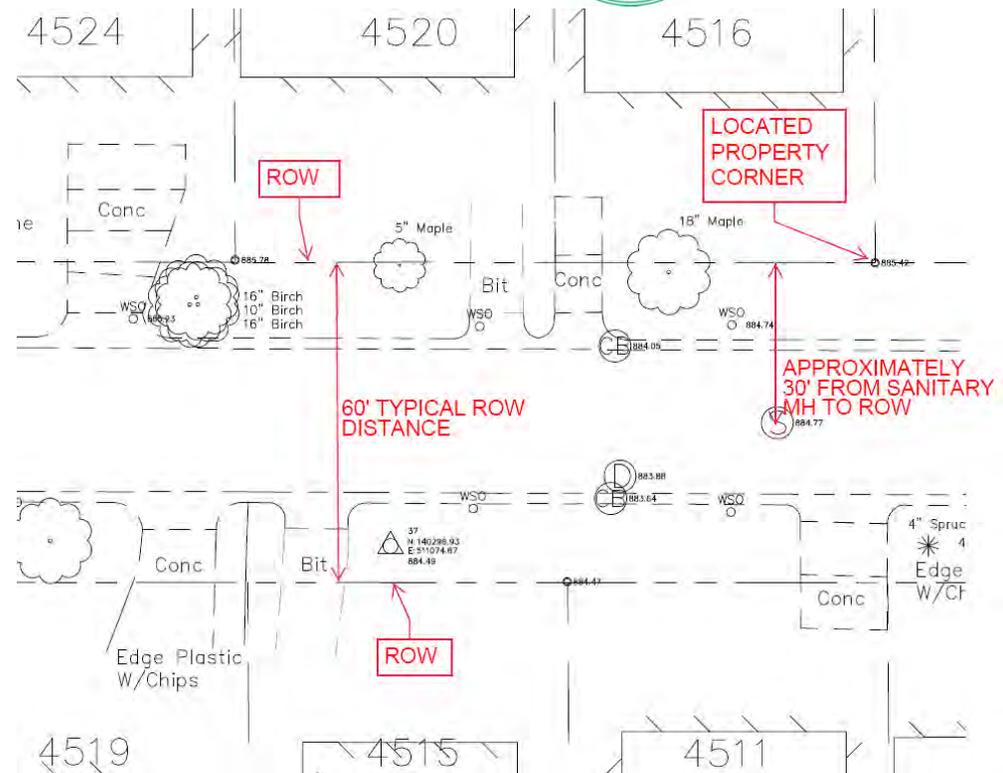
- Landscaping features
- Mailboxes
- Irrigation systems and pet fences





What/Where is the ROW?

- *Surface and space above and below public roadways used for travel purposes and utilities*
- Typically 60' width
- Property corners located during survey



Proposed Improvements - Roadway



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- All curb and gutter will be replaced
- New roadbed and pavement surface



Proposed Improvements - Driveways



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- Aprons will be replaced/installed to comply with City standards
- Special driveway materials
- Reimbursement Policy



Proposed Improvements - Utilities



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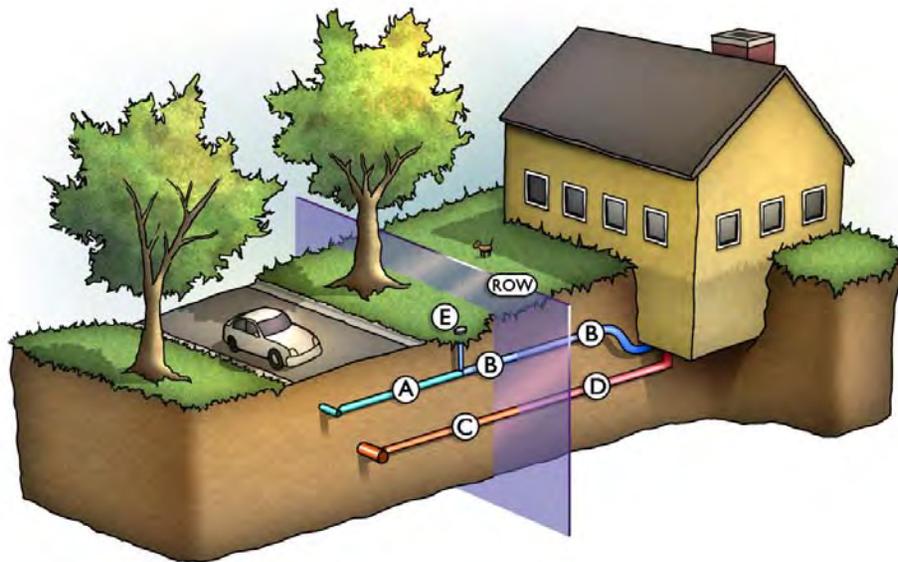
- Localized watermain and service replacements
- New fire hydrants and gate valves
- Localized sanitary sewer repairs and rehabilitation
- Storm sewer upgrades
 - Sump pump drain pipe installed where feasible



Utility Ownership



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Resident Owned Utilities

B – Water Service

C & D – Sanitary Service

- Recommend inspecting private services prior to construction
- Repairs/upgrades can be coordinated with street work
- Associated costs can be added to special assessment

Proposed Improvements – Sump Drain

- Homeowners encouraged to connect to City Sump Drain
- Sump Services in ROW to be relocated to the property line if not connected
- Notification will be given when connecting is available
- Sump connect permit available on City website



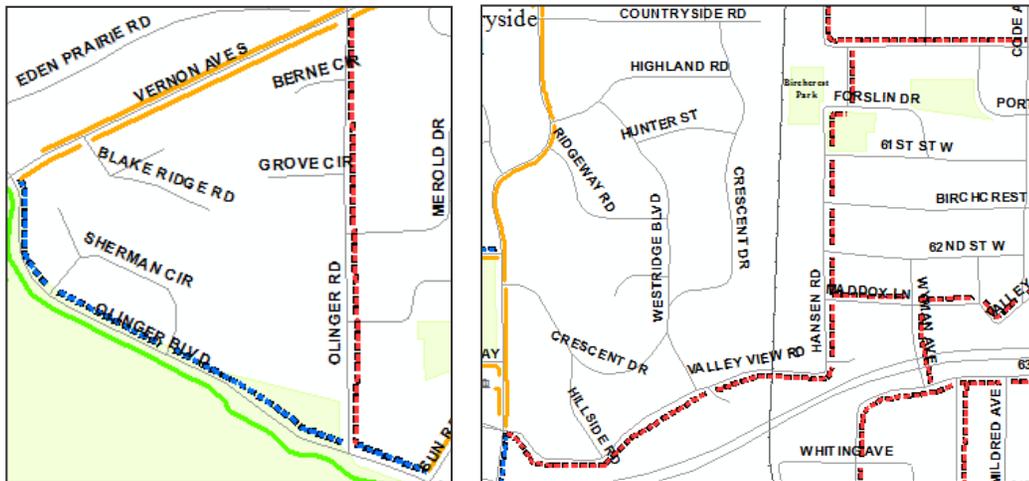
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Proposed Improvements - Sidewalks



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- Based on Sidewalk Facilities Map
- Final design evaluated based on network consistency and routing conflicts

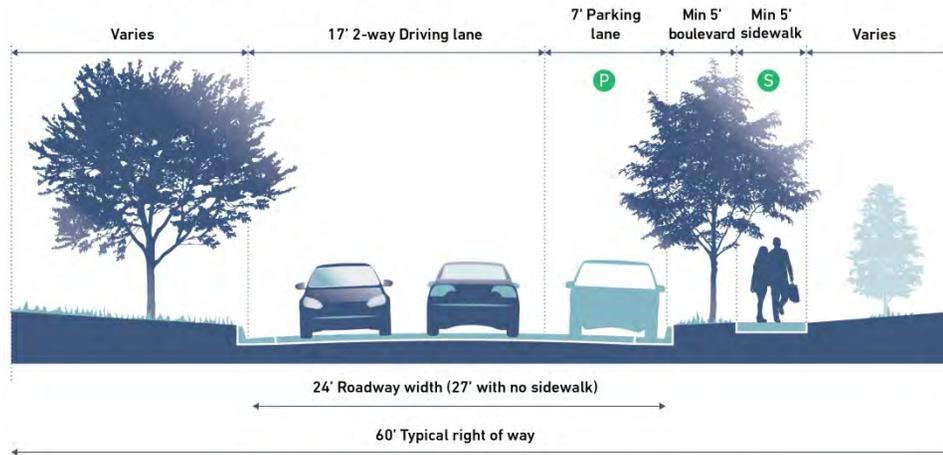


Roadway Classifications



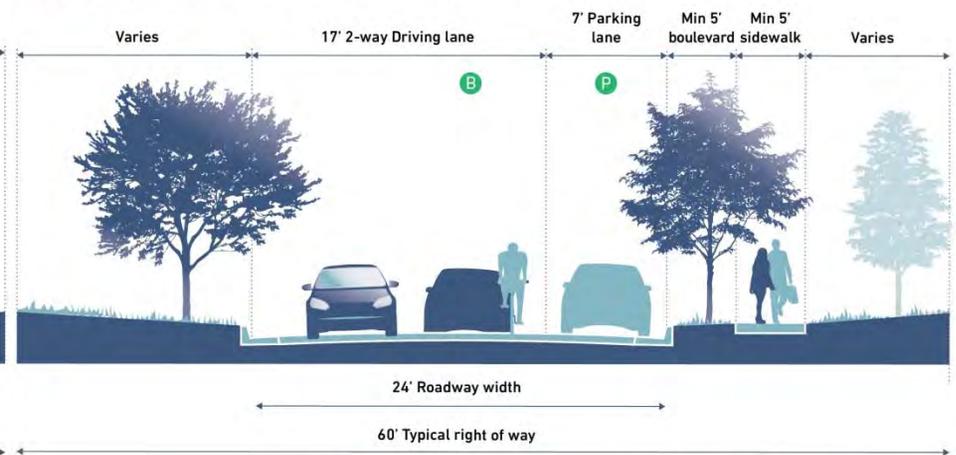
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Living Streets: Local Street Type



- P Parking: None, one or both sides of the street, depending on context
- S Sidewalk required on local streets when certain criteria are met.

Living Streets: Local Connector-Street Type



- P Parking: None, one or both sides of the street, depending on context
- B If an approved bike route, shared bicycle facilities are recommended

Private Utilities



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- City encourages private utility companies (gas, electric, telephone, and cable) to upgrade or repair their utilities before construction begins
- Potential City-required relocations
- Goal is to streamline projects and minimize neighborhood disturbance
- Streetlight upgrades typically not included with project

What You Can Expect

- Dust, mud, noise, and vibrations
- Localized flooding during rainfall
- Occasional delays due to inclement weather
- Residents will be asked to limit water use occasionally
- Homes may be connected to temporary watermain



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What You Can Expect



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- Construction materials stored temporarily in yards
- Construction equipment stored on streets
- 5-10 feet of disturbance behind back of curb
- Tree removals as necessary (property owners notified)

What You Can Expect



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- Driveways and roads will be periodically inaccessible
- Driveways will be inaccessible for 5 days to allow driveways to cure
- Irrigation and pet fence systems most likely will be damaged



What You Can Expect

- Items within the City's right-of-way may be damaged
 - You can remove plants and other landscape features before the project
 - Irrigation and pet fences will be repaired
- Disturbed areas will be seeded



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What You Can Expect

- We will;
 - Provide opportunities for input
 - Keep you informed
 - Do our best to minimize inconveniences
- Our contractor will accommodate residents with special access needs



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City Utility Fund



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- Collection of utility service charges paid to the City
- Covers 100% of:
 - Storm sewer (curb and gutter, driveway aprons, sump drain pipe)
 - Sanitary sewer
 - Watermain

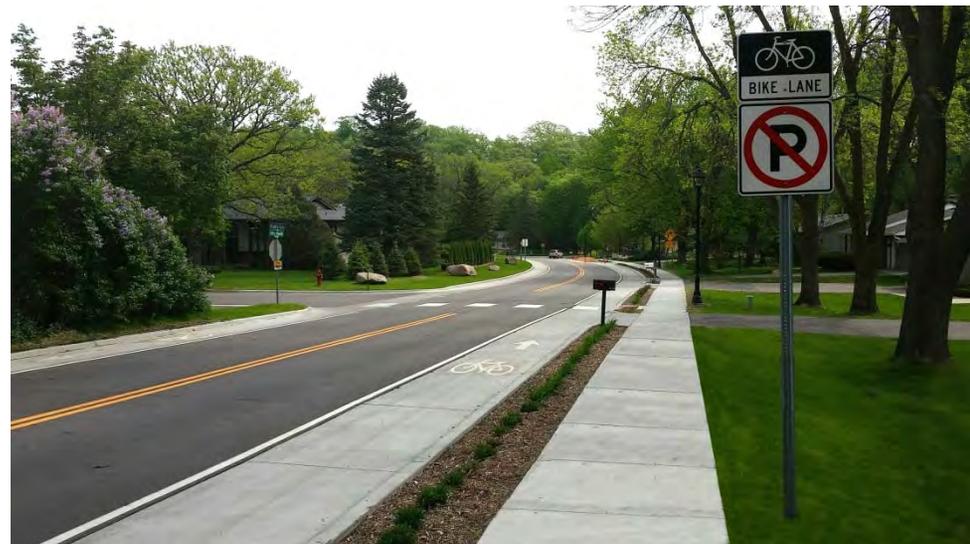


Pedestrian and Cyclist Safety (PACS) Fund



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- Revenue from Xcel and CenterPoint Energy franchise fees
- Promotes non-motorized transportation throughout the City
- Covers 100% of:
 - Sidewalks
 - Bike lanes
 - Associated signage and pavement markings



Do Taxes Cover Street Projects?



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- ~20% of property taxes go to the City for expenses including Police, Fire, Parks, and Public Works
 - Snowplowing
 - Pothole repairs
 - Other street maintenance (sealcoating, overlays, patch repairs)
- Taxes **do not** pay for street reconstruction

Special Assessments



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- Assigned to benefitting properties of public improvements
- 4-1 Council vote to approve (required by State statute)
- Cover 100% of roadway costs
 - Roadway and driveway removals
 - Subgrade materials
 - Asphalt pavement
 - Restoration





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Residential Equivalent Units

- Assessments distributed based on REUs
 - Factor used to compare properties to a single-family residence

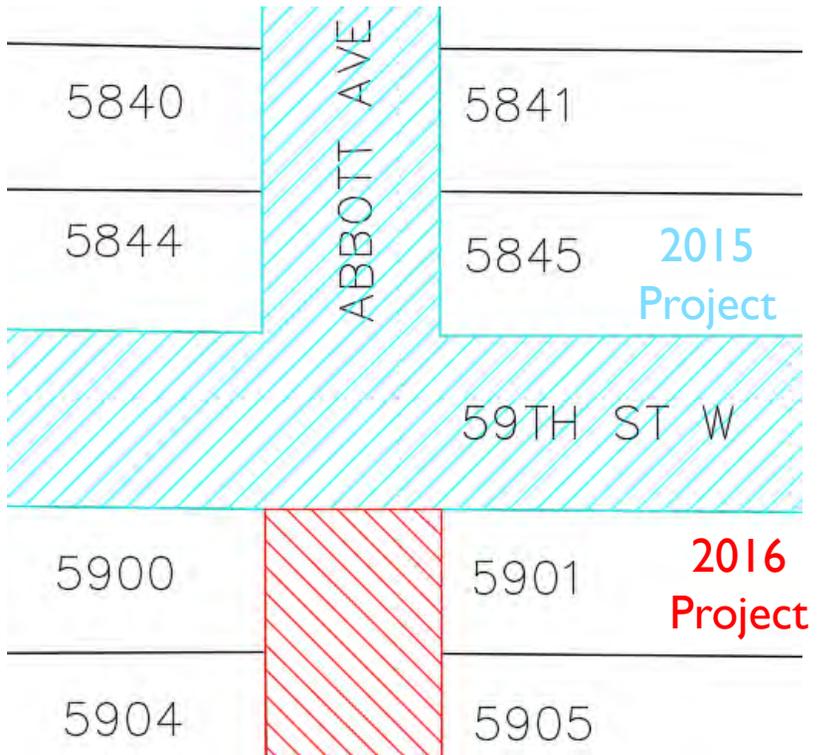
Scenario	Land Use Class	REU Factor
A	Single-Family Residential	1.0
B	Multi-Family Residential	0.8

- Additional factors for commercial, industrial, and public-use properties

Corner Lot Assessments



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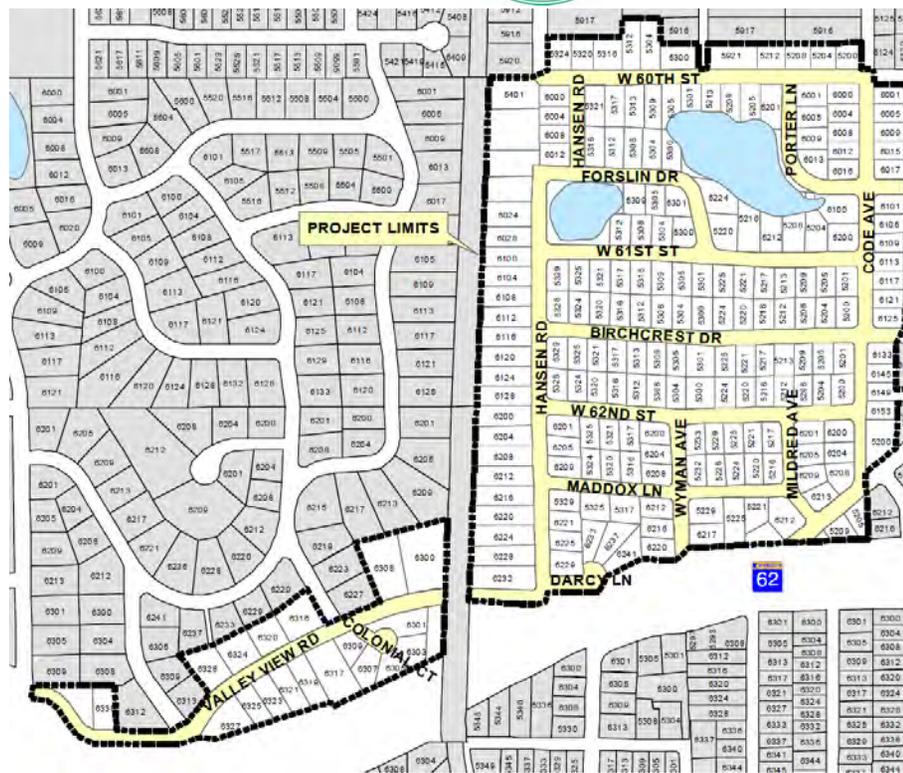
- Revised June 2016
- Example;
 - 5845, 5844 assessed 1 REU in 2015
 - 5900, 5901 assessed 0.5 REU in 2015
 - 5900, 5901 assessed 0.5 REU in 2016
- Earlier policy will continue to apply to previously assessed properties (1/3-2/3 split)

Project Details – Birchcrest A/Countryside B



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- 224 properties
- 2.9 miles of road
- 32,273 square yards of street pavement
- 22 fire hydrants
- 60 sanitary manholes

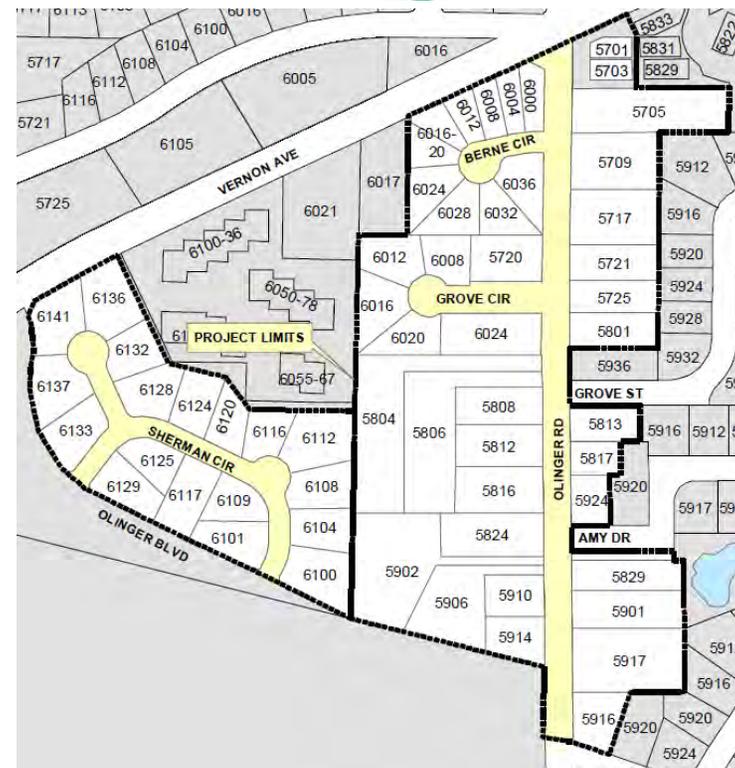


Project Details – Countryside G



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- 60 properties
- 0.6 miles of road
- 9,028 square yards of street pavement
- 7 fire hydrants
- 18 sanitary manholes



Preliminary Assessments



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Neighborhood	Estimated Assessment Range per REU*	# of REUs	Square Yards of Paving	Square Yards of Paving per REU
Birchcrest A / Countryside B	\$14,400 - \$19,900	214.96	32,273	150
Countryside G	\$11,200 - \$15,000	53.12	9,028	170

*Residential equivalent unit (1 single-family home = 1 REU)

Payment Options



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- Final assessment amount will be sent one year after project completion (Fall 2018)
 - Pay entire amount upon receiving bill to avoid finance charges
 - Pay 25%; balance rolls to property taxes over 15 years
 - Roll entire amount to property taxes over 15 years
 - Defer payment if 65 years of age or older
- Finance charges are 1% over City's borrowing interest rate
 - Last year's interest rate was 3.74%

Communication



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- Regular Mail
 - All meetings, public hearings, and questionnaires
 - Final assessment notices (one year after construction)
- Door hangers and flyers
 - Time-sensitive information (water shut-offs, paving, temporary inaccessibility)
- City Website Project Page

Providing Input



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- Questionnaires mailed to your home, weigh in on;
 - Traffic/pedestrian issues
 - Street drainage issues
 - Streetlight upgrades
 - Sump pump connection options
- Public hearings in November and December 2016
 - Opportunity for residents to voice comments and concerns

Questionnaire Results



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Neighborhood	Multi-Modal Surveys Returned	Utility Surveys Returned
Birchcrest A / Countryside B	12% (26 / 220)	50% (110 / 220)
Countryside G	24% (13 / 54)	44% (24 / 54)
Total Responses To Date	14% (39 / 274)	49% (134 / 274)

City Extra

- Free, weekly email updates on project progress and schedules
- Sign up on City website, www.EdinaMN.gov
 - Check box next to your project name
- Best way to stay informed
- If you cannot receive email, we will mail you City Extra updates upon request



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A screenshot of the City of Edina website. The page is titled "Construction Projects" and features a map of the Dewey Hill G Neighborhood Roadway Reconstruction project. A red arrow points to a "Stay informed! Sign up for City Extra" button in the bottom right corner of the page. The button includes an email icon and the text "Stay informed! Sign up for City Extra". The website header includes the City of Edina logo, a search bar, and navigation links for residents, businesses, and visitors. The main content area includes a sidebar with navigation links, a central article about the project, and a right-hand sidebar with contact information for Andrew Scipioni, Engineering Technician.

How To Prepare

- Complete project questionnaire
- Begin financial planning
- Coordinate home and yard improvement projects around street reconstruction schedule
- Sign up for City Extra
- Ask questions, stay informed



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Contact Us



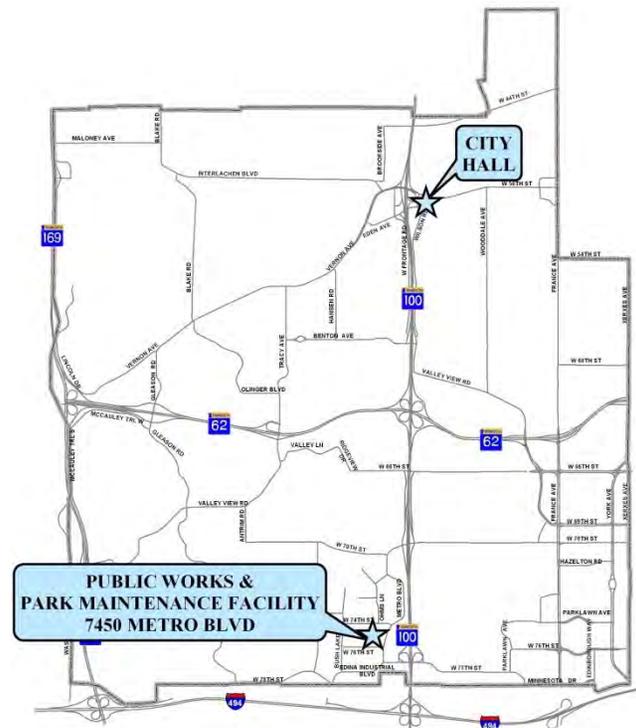
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Email: mail@edinamn.gov

Call: 952-826-0371

Visit: Engineering Department
7450 Metro Boulevard

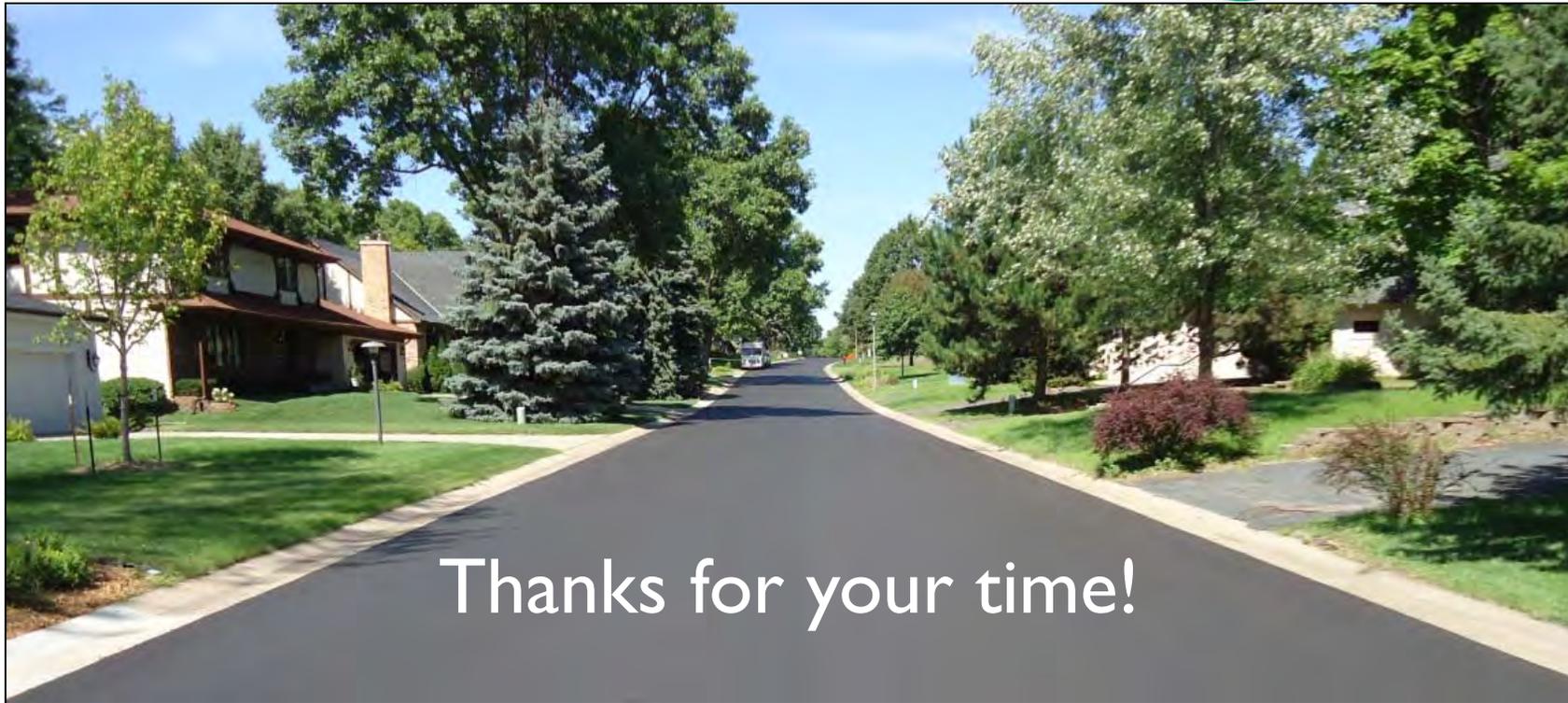
Hours: 7:00 a.m. – 3:30 p.m.



Questions?



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Thanks for your time!