



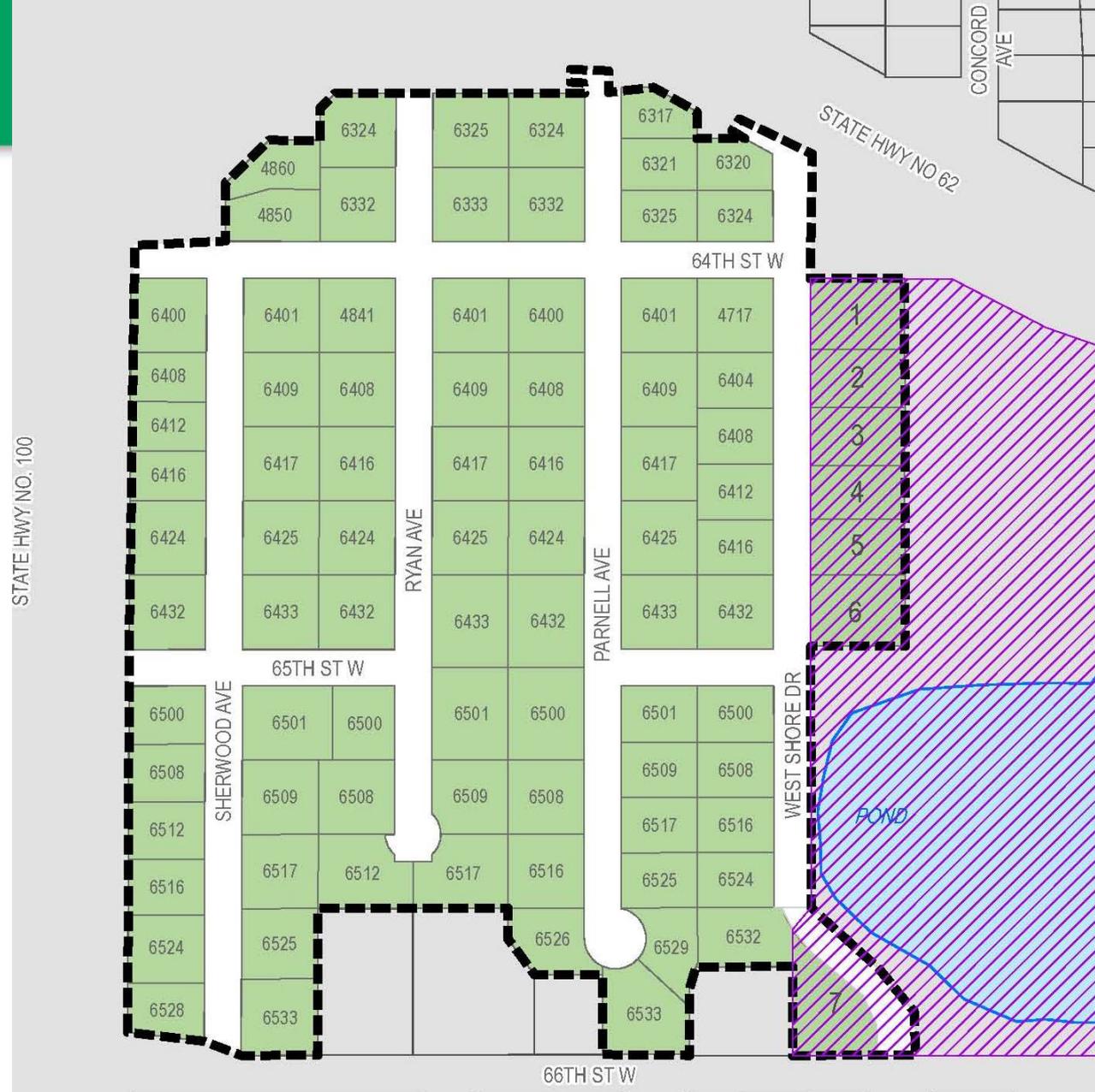
2013 Normandale Neighborhood Roadway Improvements BA-394

Public Improvement Hearing

December 11, 2012

Project Details – Normandale Neighborhood

- 89 Properties
- 82 Privately Owned
- 7 City Owned
- 1.4 miles of roads
- 21,800 square yards of street pavement





Initiation & Issues

- Project initiated as part of the City's Street Reconstruction Program



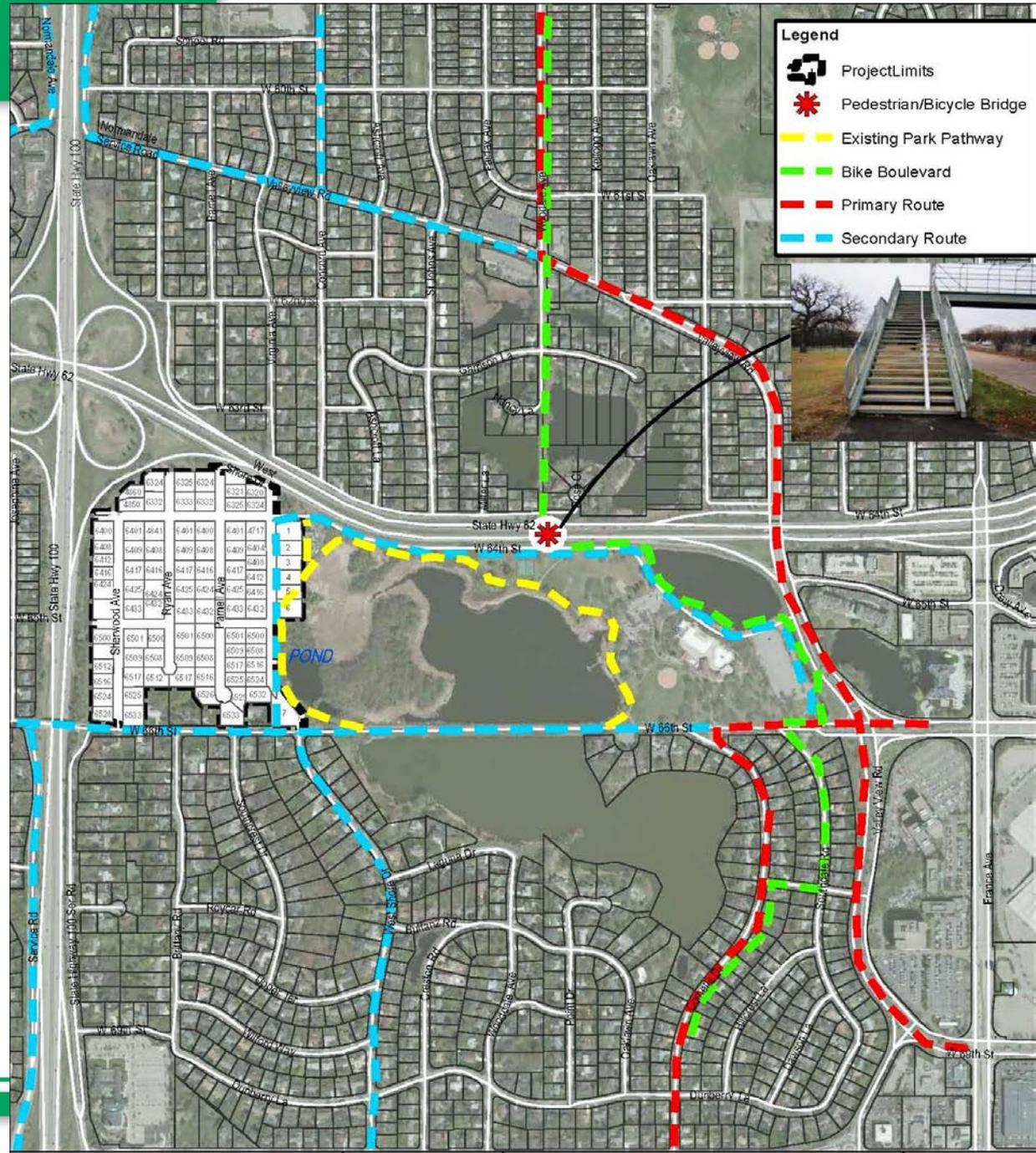
Existing Conditions – Streets

- Streets constructed in the early 1960's
- All streets have curb and gutter
- Existing street widths are 29-ft to 30-ft
- Poor pavement condition; adequate base below pavement



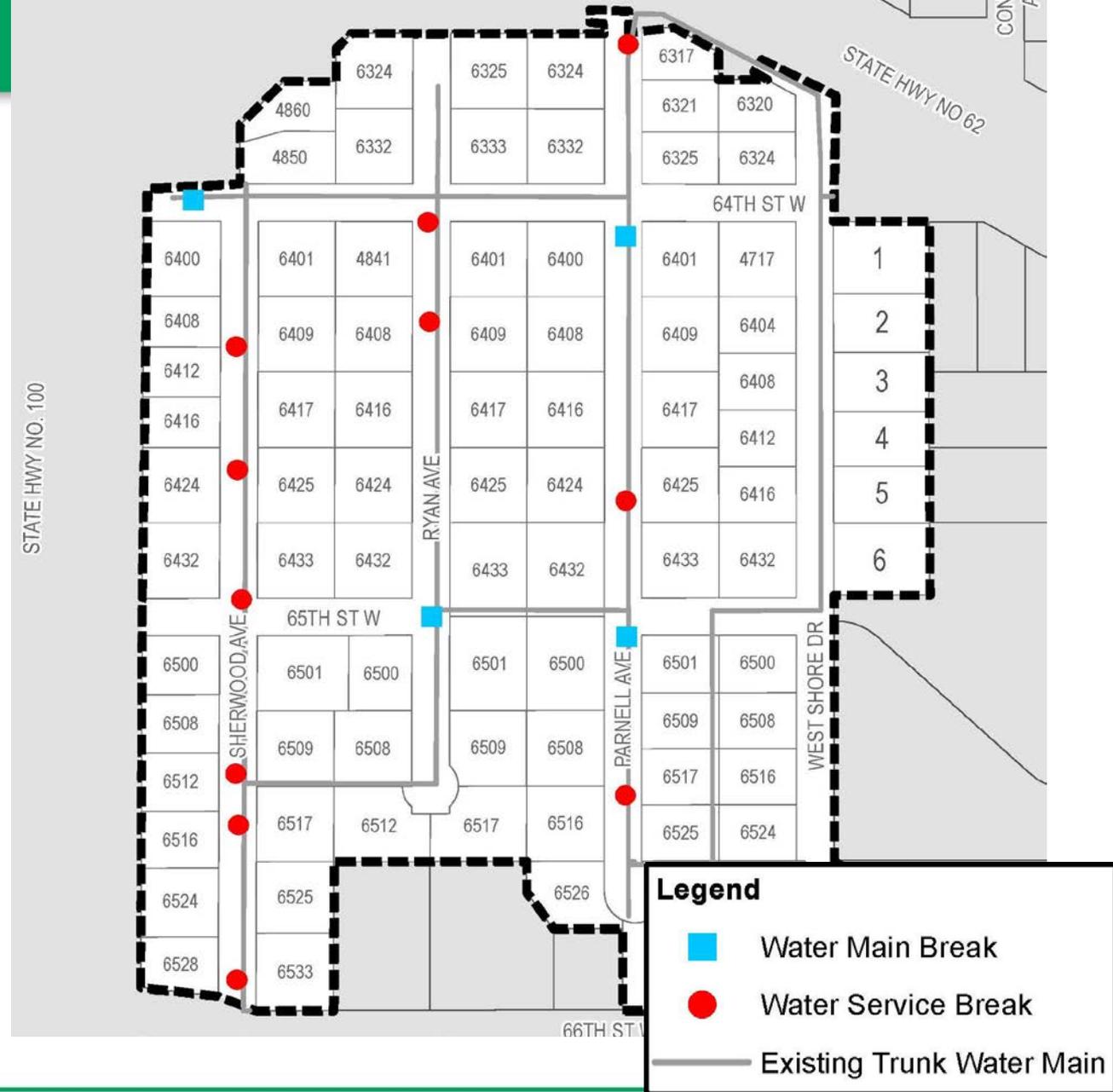
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Existing Conditions – Bicycle Routes & Pathways



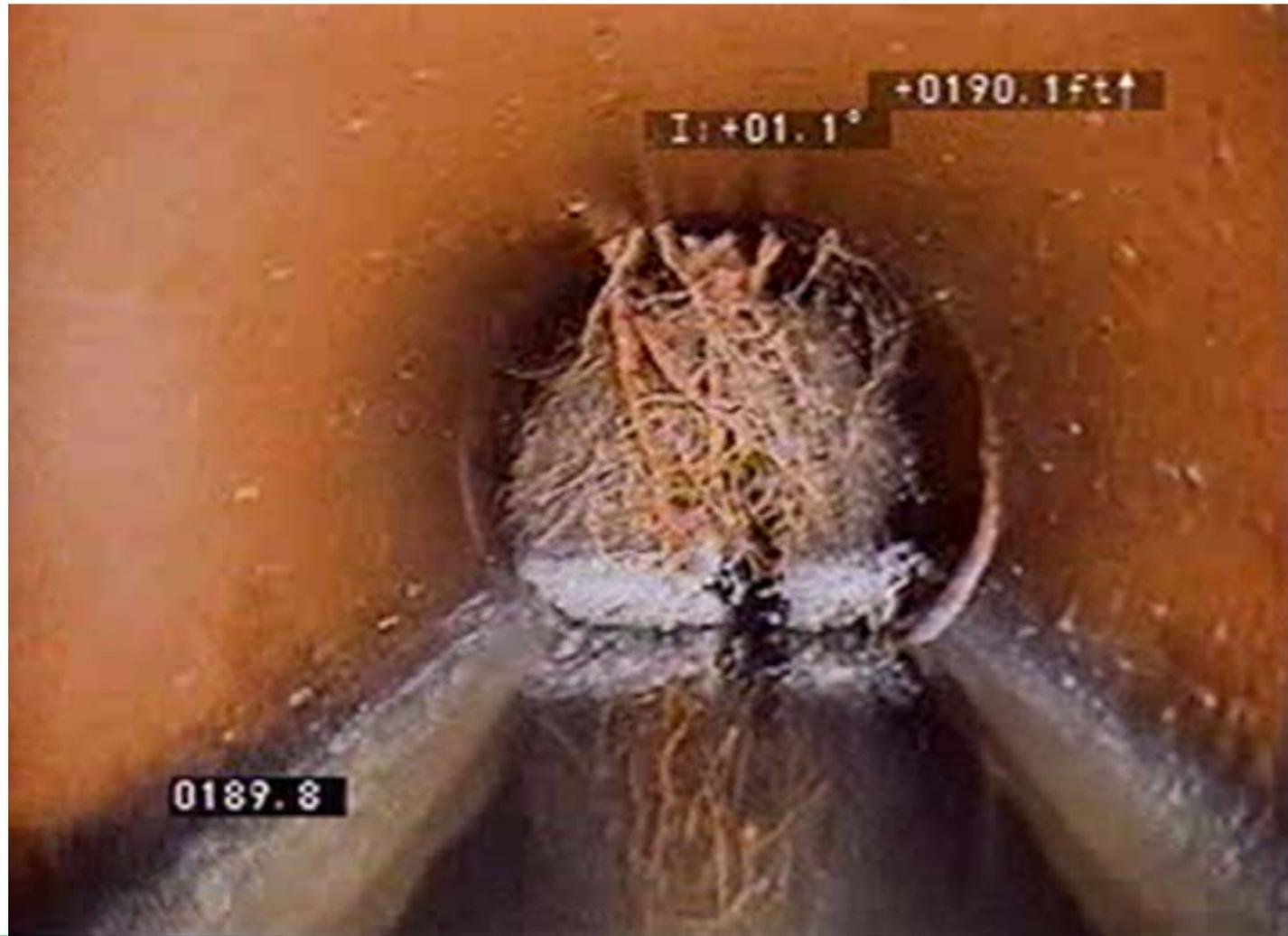
Existing Conditions – Public Utilities

- Trunk Water Main and Service Pipes



Existing Conditions – Public Utilities

- Trunk
Sanitary
Sewer and
Service Pipes





Existing Conditions – Private Utilities

- Steel gas main and service pipes
- Electric, telephone, cable TV, etc.



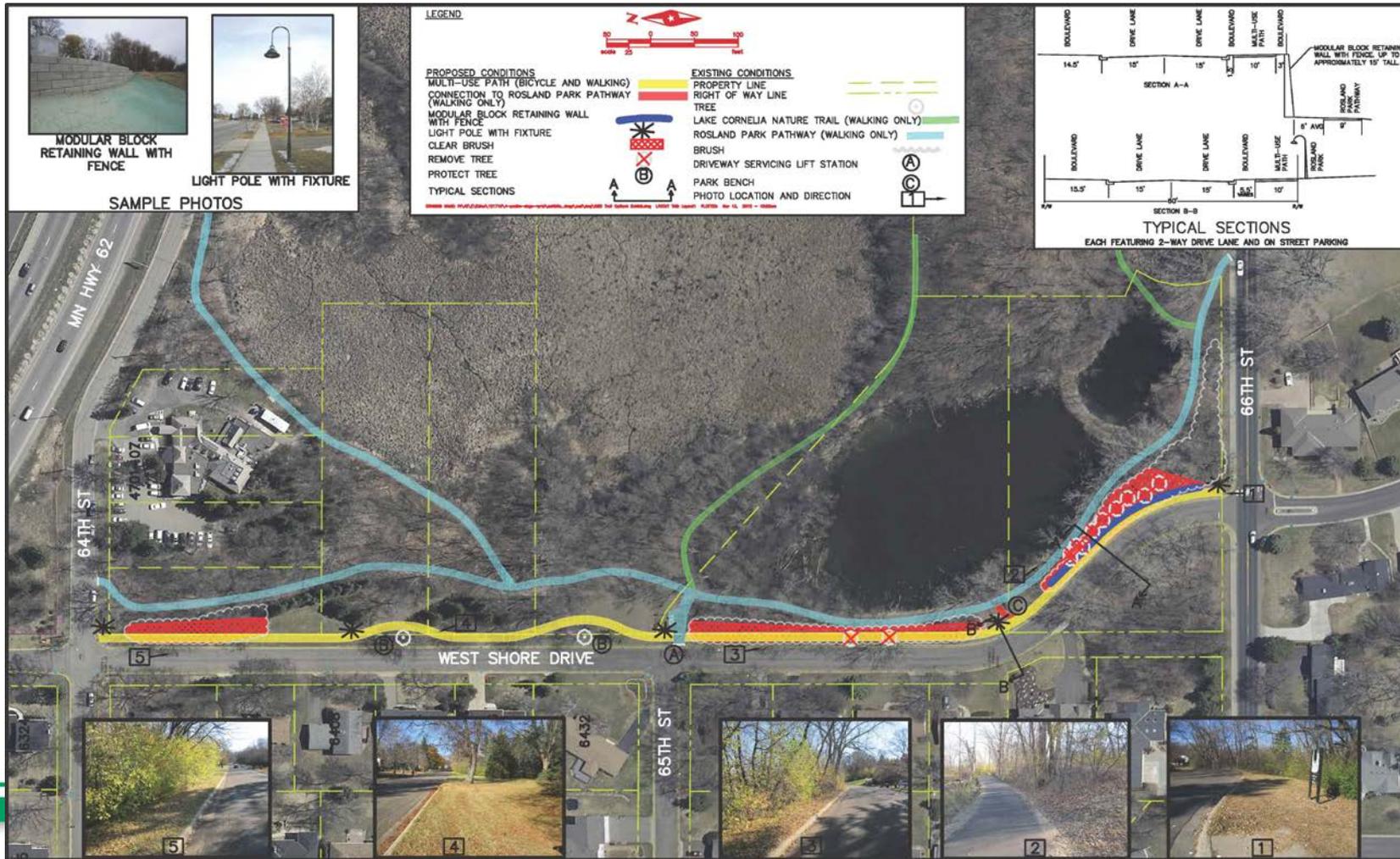
Proposed Improvements - Streets

- Remove and replace pavement surface
- Spot repair of curb and gutter
- No changes to existing street light network



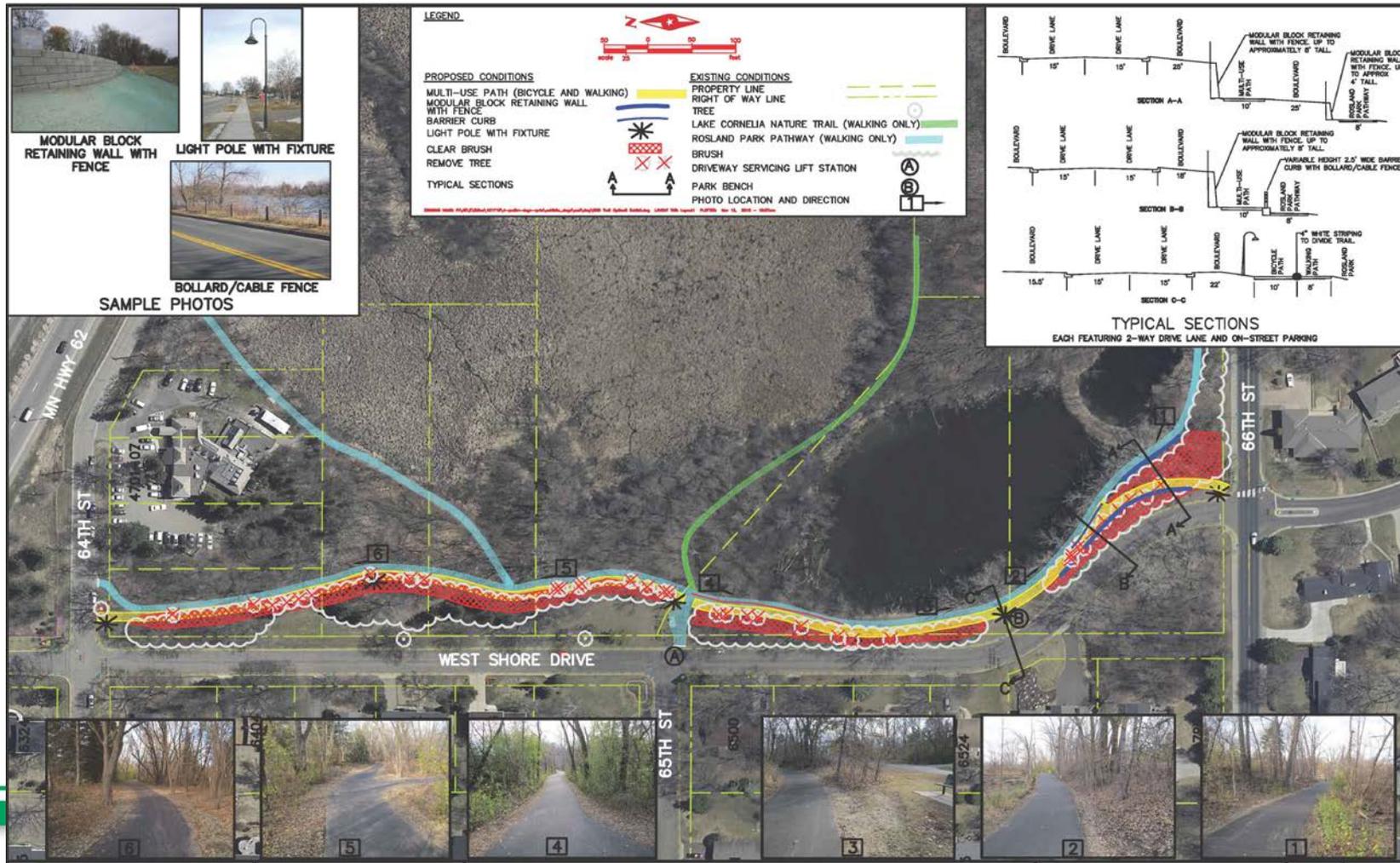


Proposed Improvements – Bicycle Routes & Pathways: Option A





Proposed Improvements – Bicycle Routes & Pathways: Option B





Proposed Utility Improvements

- Replace all gate valves and upgrade fire hydrants to City standard
- Sanitary sewer trunk pipe repairs
 - Spot open cut locations otherwise use cured-in-place
- Storm sewer
 - Spot curb and gutter repairs
 - Replace substandard storm sewer catch basins
 - Install sump drain pipe where feasible
- Upgrade sanitary sewer service pipes within the ROW
- Upgrade water service pipes and curb stops within the ROW
- Center Point Energy will replace all gas main and service pipes



Project Costs

Item	Estimated Cost ²	
	City	Residents
Sanitary Sewer Trunk Pipe	\$869,000	
Sanitary Sewer Service Pipe Between the Trunk Pipe and Right-Of-Way line ¹		\$175,000
Water Main and Service Pipe	\$728,000	
Storm Sewer	\$291,000	
Street Improvements ¹		\$1,095,000
Multi-Use Path	\$324,000	
Lighting for Multi-Use Path	\$71,000	
Sub-total	\$2,283,000	\$1,270,000
Total	\$3,553,000	

1 Cost to be assessed to residents

2 Costs are given in 2013 dollars

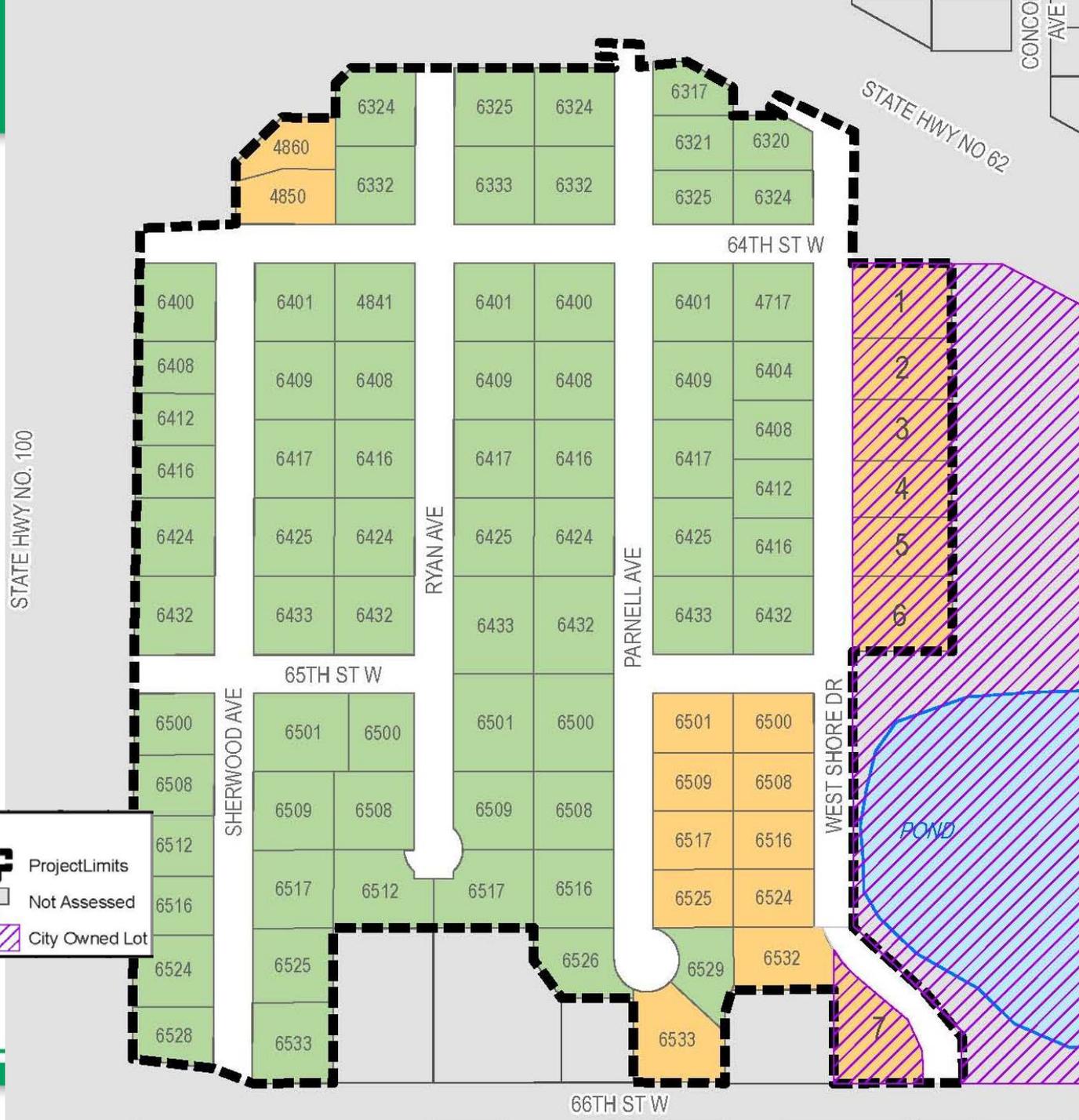


Preliminary Assessments

Neighborhood	Estimated Assessment per REU	# of REU's
Normandale – Street	\$12,300	89
Normandale – Sanitary Sewer Service	\$2,500 (1)	70
Total Preliminary Assessment	\$12,300 - \$14,800	

(1) This is not an estimate.

Preliminary Assessments



Legend

- 1 REU - Estimated \$14,800 Assessment (2013 Dollars)
- 1 REU - Estimated \$12,300 Assessment (2013 Dollars)
- Project Limits
- Not Assessed
- City Owned Lot



Authorize:
Normandale Neighborhood Roadway
Improvements BA-394



Thank you!