



Lake Edina Neighborhood Roadway Improvements BA-398

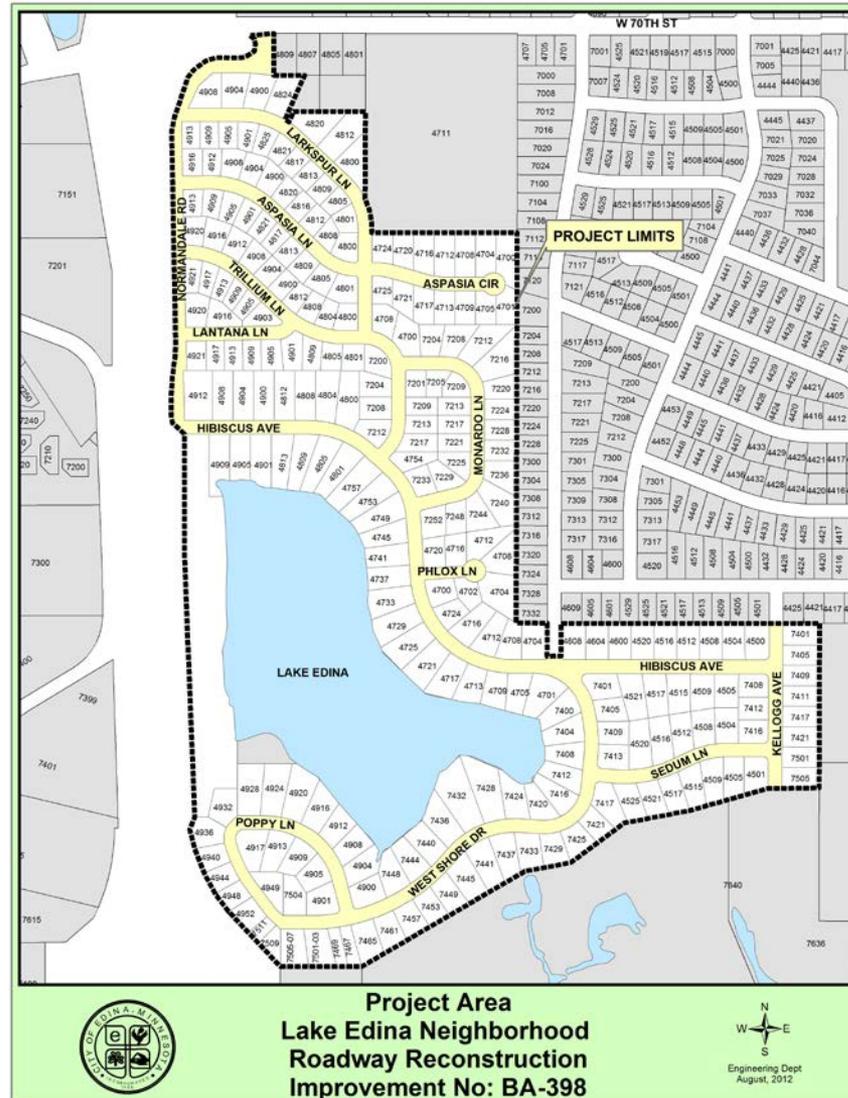
Public Improvement Hearing

December 11, 2012



Project Details – Lake Edina Neighborhood

- 247 Properties
- 3.2 miles of roads
- 48,800 square yards of street pavement
- 26 fire hydrants
- 92 sanitary manholes





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

- **Streets**

- Streets were originally constructed in the 1960's
- Normal maintenance performed on streets
- Street pavement is in poor overall condition

- **Utility Issues**

- Spot locations of sanitary sewer trunk pipe issues
- Localized surface drainage and inlet capacity issues
- Old fire hydrants
- Gate valves nearing end of useful life



Existing Roadway Details

- Majority of streets have curb and gutter
- Existing width approximately 31-feet
- Poor pavement condition
- No sidewalks





Existing Sound Wall

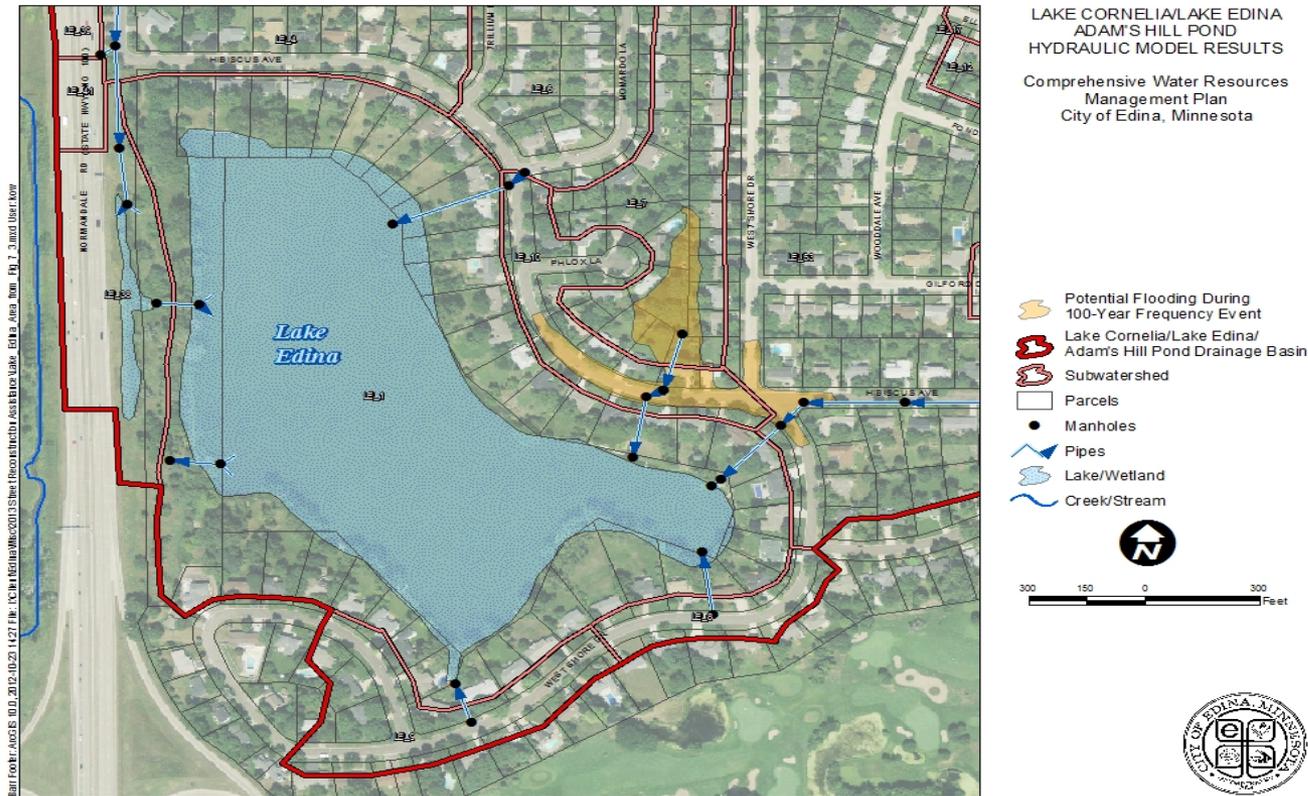
- Concrete sound wall exists along the west side of Normandale Road from West 70th Street to Hibiscus Avenue





Drainage Issues

- Storm sewer and backyard drainage issues.





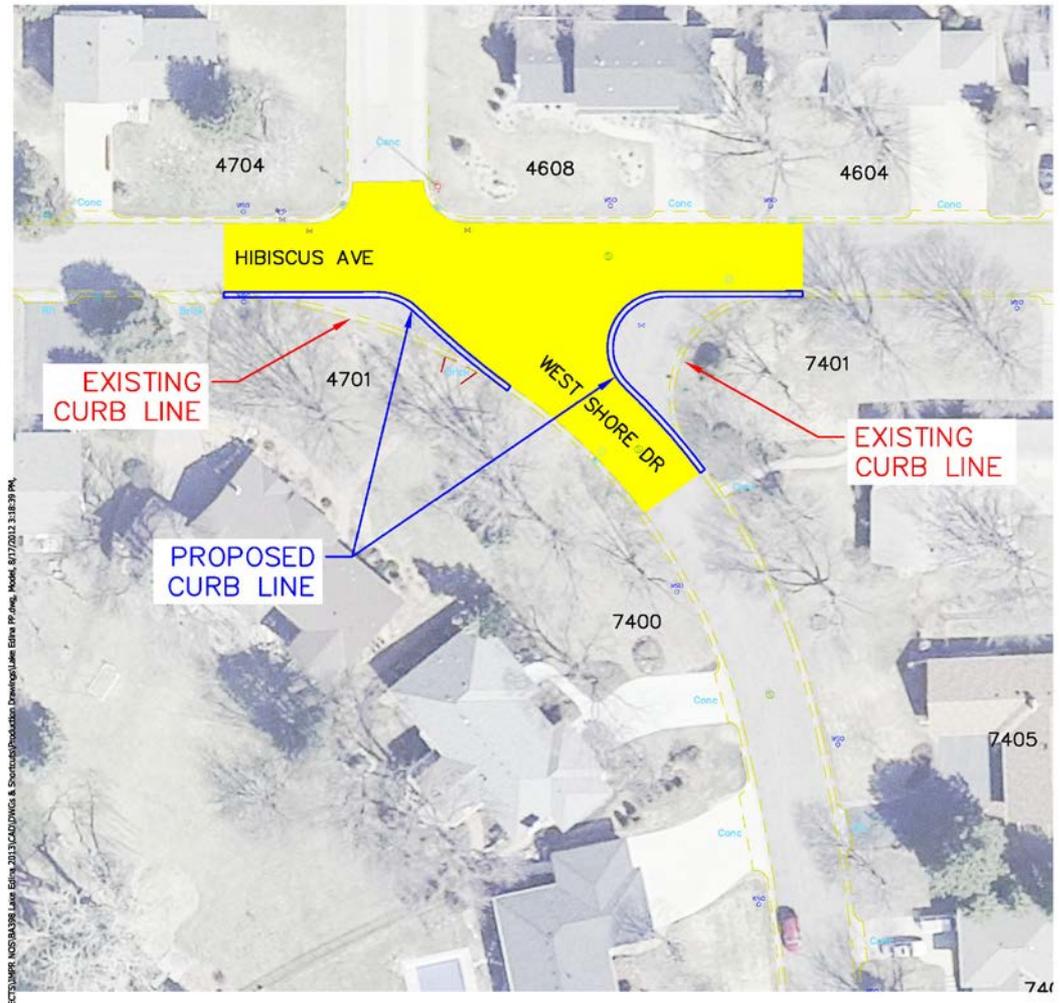
Proposed Roadway Improvements

- Spot concrete curb and gutter repairs
- Recycle existing pavement section and construct new street
- No new streetlights



Proposed Roadway Improvements

- Intersection at Hibiscus Avenue and West Shore Drive





Proposed Sound Wall Improvements

- Pressure wash concrete sound wall and continue planting style implemented at Larkspur Lane.





Proposed Utility Improvements

- Spot sanitary sewer trunk pipe repairs
 - open cut and cured-in-place
- Watermain
 - Replace all gate valves and upgrade fire hydrants to City standard
- Storm sewer
 - Spot curb and gutter repairs
 - Install sump drain pipe where feasible

Proposed Utility Improvements

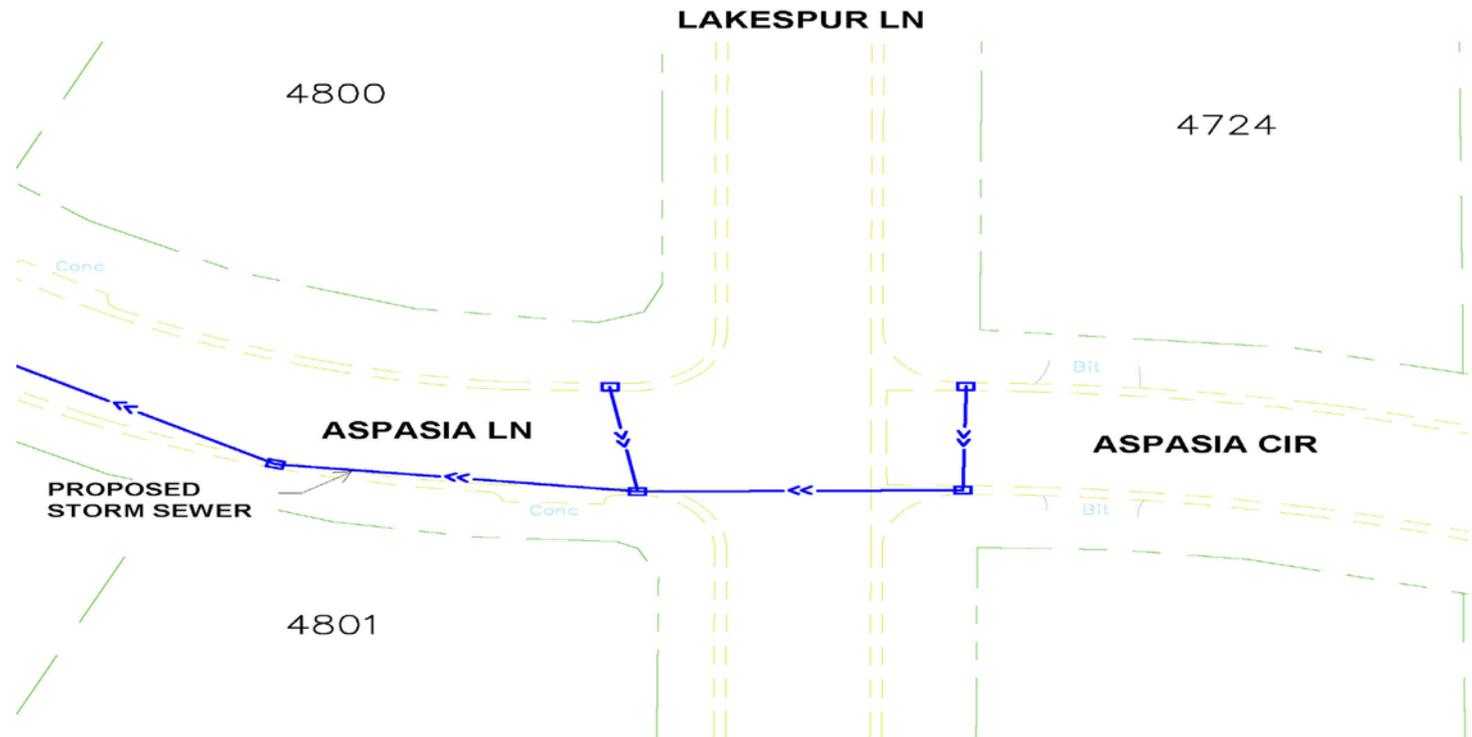
- Additional storm sewer on Hibiscus Ave to improve surface drainage





Proposed Utility Improvements

- Additional storm sewer at the intersection of Aspasia Ln and Lakespur Ln to improve surface drainage.





Sidewalk Details:

- East side of Normandale Rd from W 70th St to Hibiscus Ave
- North side of Hibiscus Ave from Normandale Rd to Kellogg Ave



Lake Edina Neighborhood
Improvement No: BA-398
Proposed Sidewalk



- Proposed 5ft Concrete Sidewalk
- Proposed Park and Rec Lake Edina Path



Engineering Dept
October, 2012



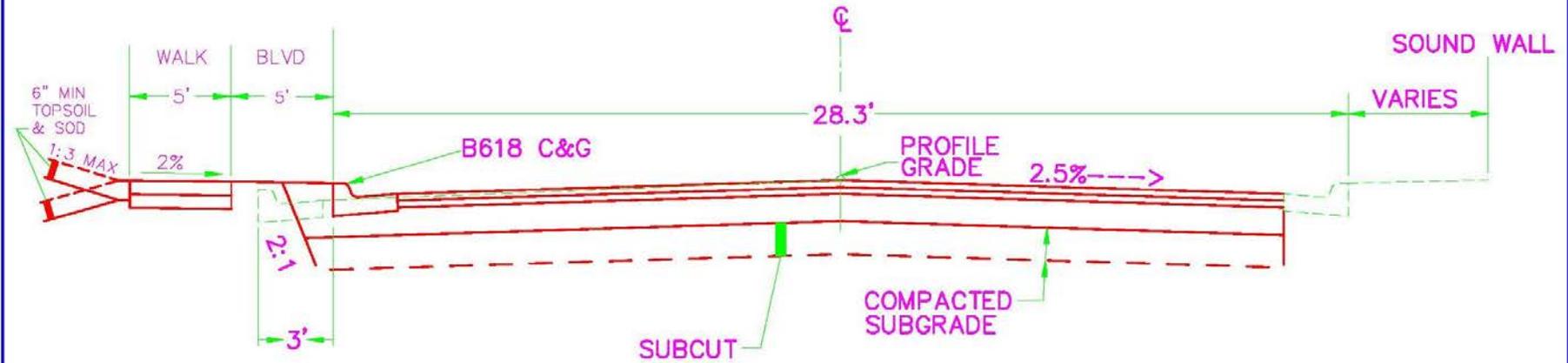
Sidewalk Details – Normandale Road & Hibiscus Ave





Sidewalk Details

TYPICAL SECTION NORMANDEALE RD





Project Cost

Item	Estimated Cost ²	
	City	Residents
Sanitary Sewer	\$337,000	
Watermain	\$393,000	
Storm Sewer ³	\$1,370,000	
Sidewalks	\$395,000	
Street Improvements ¹		\$3,043,020
Sound Wall ¹		\$49,480
Sub-total	\$2,495,000	\$3,092,500
Total	\$5,587,500	

1 Cost to be assessed to residents

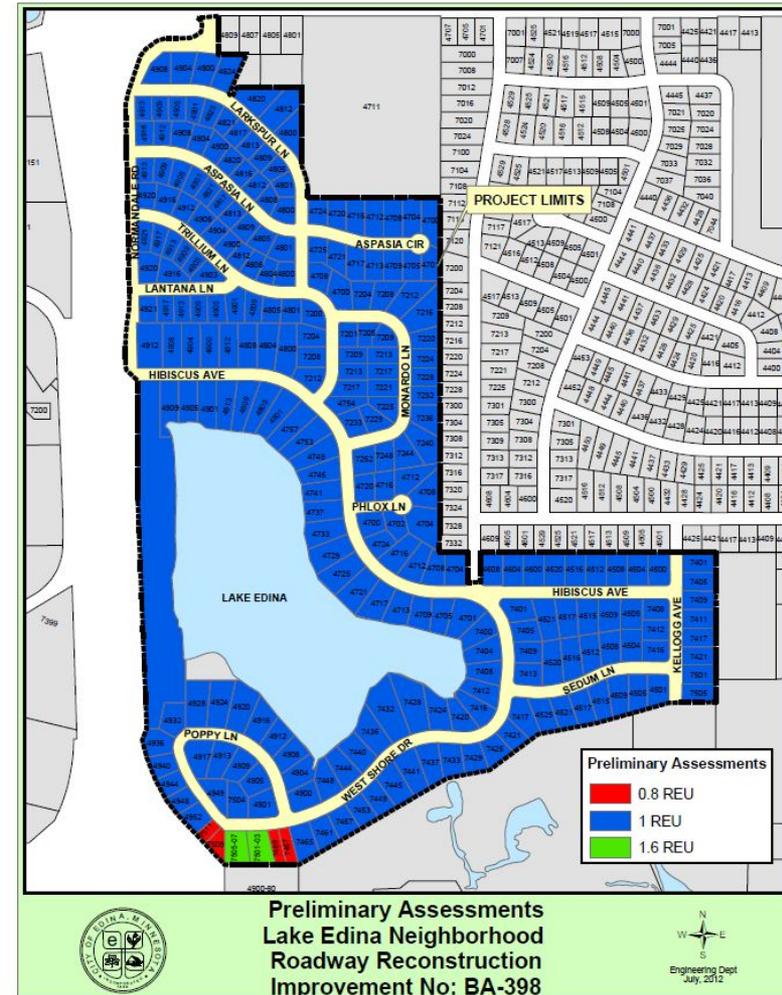
2 Costs are given in estimated 2013 dollars

3 Includes curb and gutter costs



Proposed Assessments

- Based on residential equivalent unit (REU)
- Estimated assessment per REU = \$12,500
 - Roadway = \$12,300
 - Sound Wall = \$200
- Final assessments are calculated after final construction costs are determined.





Project Schedule

Project Open House 2011	September 22, 2011
Neighborhood Informational Meeting	August 8, 2012
ETC Feasibility Study Review	October 25, 2012
Neighborhood Sidewalk Informational Meeting	November 7, 2012
Receive Feasibility Report and Public Hearing	December 11, 2012
Bid Opening	March/April 2013
Award Contract	Spring 2013
Begin Construction	Spring 2013
Complete Construction	Fall 2013
Final Assessment Hearing	Fall 2014



Feasibility:

Staff believes the project is necessary, cost effective and feasible to improve the public infrastructure in the Lake Edina Neighborhood.

Authorize:

Lake Edina Neighborhood Roadway
Improvements (BA-398)



Questions?

Comments?