



Birchcrest B Neighborhood Roadway Improvement BA-410

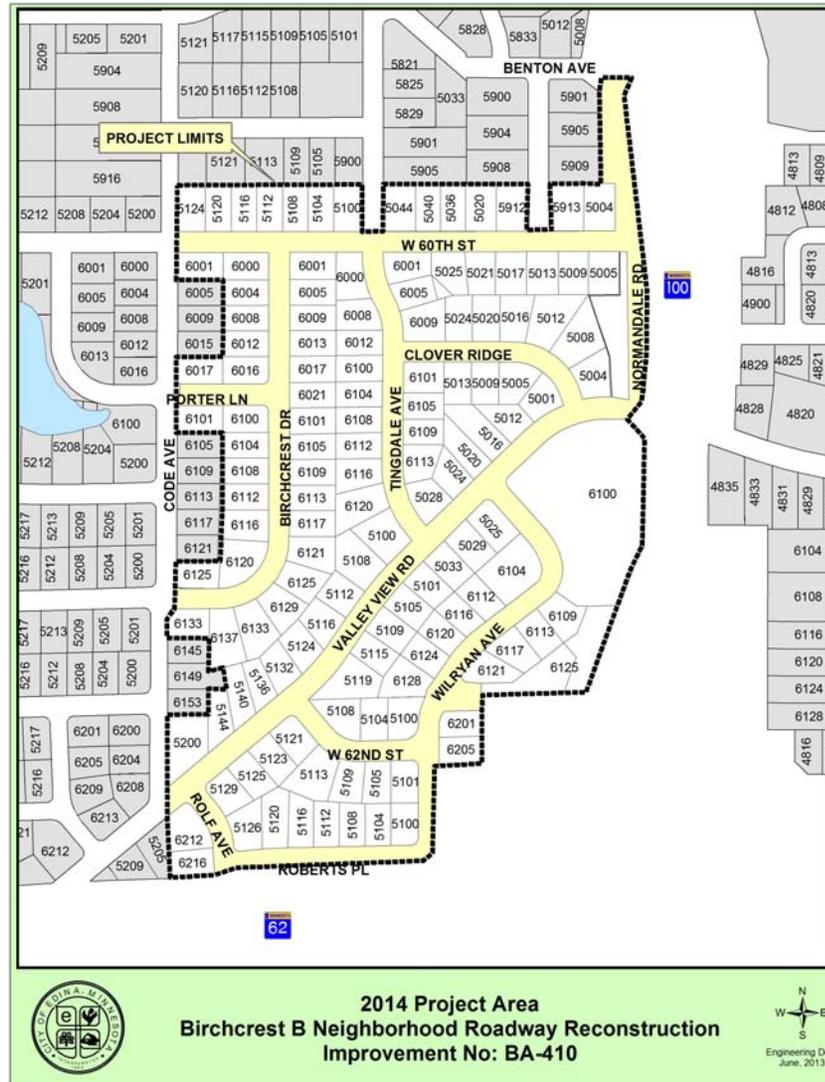
Public Improvement Hearing

December 10, 2013



Project Details – Birchcrest B Neighborhood

- 135 Properties
- 2.0 mile of roads
- 32,100 square yards of street pavement
- 13 fire hydrants
- 50 sanitary manholes
- Normandale Lutheran Church





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

Street Issues

- Streets were originally constructed in the early 1960's
- Street pavement is in poor overall condition, PCI 12
- Roberts Place - thin overlay in 2012
- Birchcrest – south half has bituminous curb
- 60th St, Tingdale Ave, & Clover Ridge - Concrete Streets(30%)
- No existing sidewalks



Utility Issues

- Spot locations of sanitary sewer trunk pipe issues
- Surface drainage issues at Porter Lane and in the easement at 6117 / 6121 Birchcrest
- Old fire hydrants
- Gate valves nearing end of useful life





Proposed Roadway Improvements

- Concrete street replacement w/ bituminous pavement
 - 30-40% need repair/replacement
 - Additional removals due to utilities
 - Typically find additional panels with unforeseen issues
 - Edina's Vision / Quality of Life
 - Traffic Noise
 - Appearance of wide concrete joints & misc panel replacement



Proposed Roadway Improvements

- Spot concrete curb and gutter replacement
 - Valley View Road discuss w/ sidewalks
- Recycle existing pavement section and construct new street
- No changes to the existing street lighting





Proposed Utility Improvements

- Sanitary sewer trunk pipe spot repairs
- Watermain
 - Replace all gate valves and fire hydrants



Proposed Utility Improvements

- Storm sewer
 - Install storm sewer on Porter Lane, Birchcrest Drive, and 60th Street to address the storm water issues
 - Modeling assistance from Barr Engineering
 - Two options to address the storm water drainage at Valley View Road and Tingdale Avenue
 - Install sump drain pipe where feasible including to address the easement drainage issue at 6117 / 6121 Birchcrest



Proposed Sidewalks

Issue

- Pedestrian safety caused by traffic volume and speed

Solution

- 5-ft wide concrete w/ 5-ft wide blvd – City maintained
 - Normandale Road – West Side
 - Valley View Road – North Side

Reasons Supporting Solution

- Valley View Rd / Hansen Road in Comp Plan
- Benton Ave, Tracy Ave, Future Nine Mile Creek Trail
- Develop the sidewalk network
- Aligns with Living Streets Policy



Proposed Curb Adjustments

Issue

- Traffic speed on Valley View Road

Solution

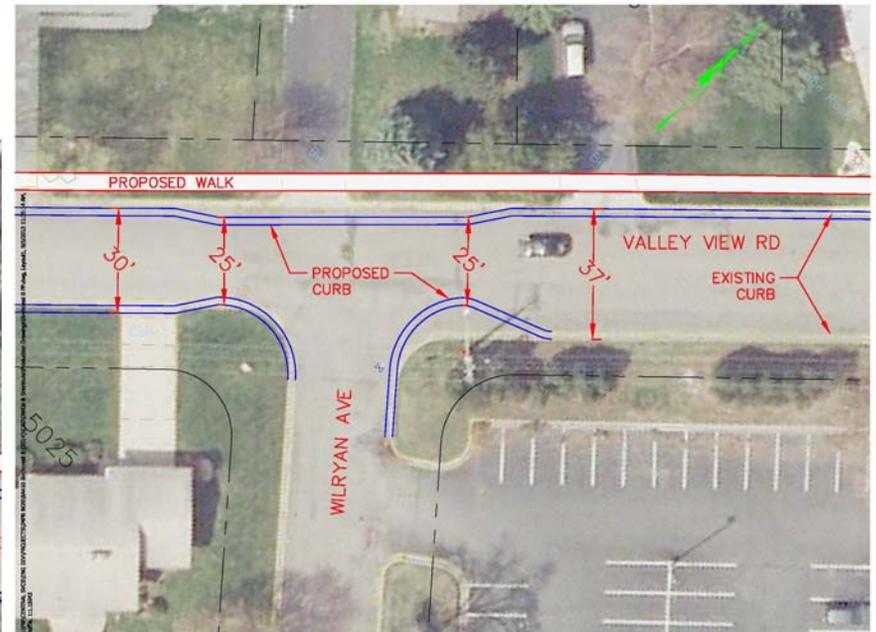
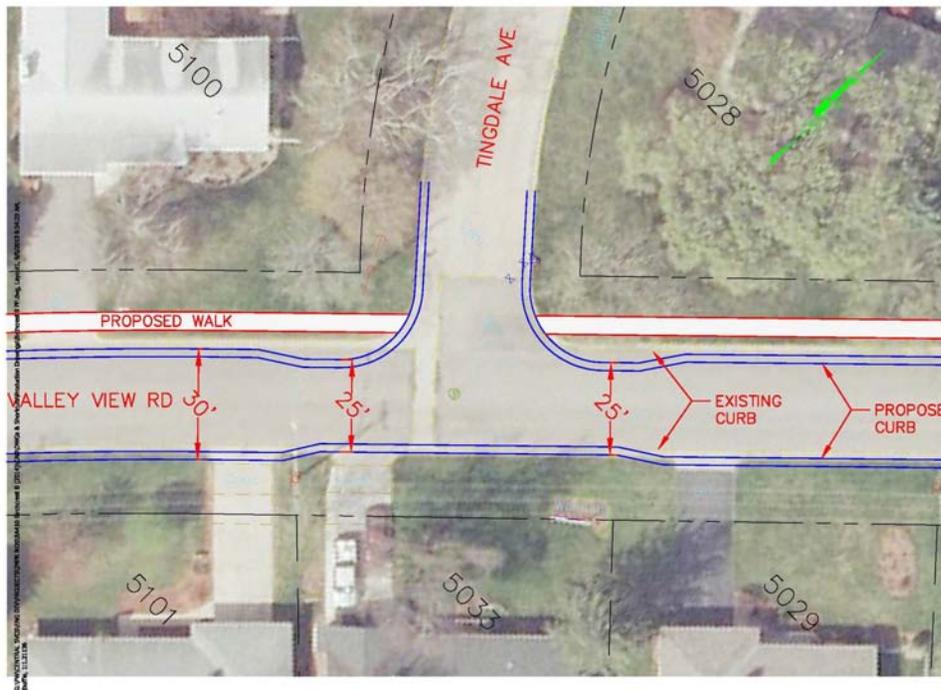
- Curb bump outs at Wilryan, Tingdale, 62nd, Rolf (?)

Reasons Supporting Solution

- Shown to modify traffic behaviors
- Implemented in other parts of town
- Maintain Street Width / Parking at Church
- Aligns with Living Streets Policy



Proposed Curb Adjustments





Project Cost

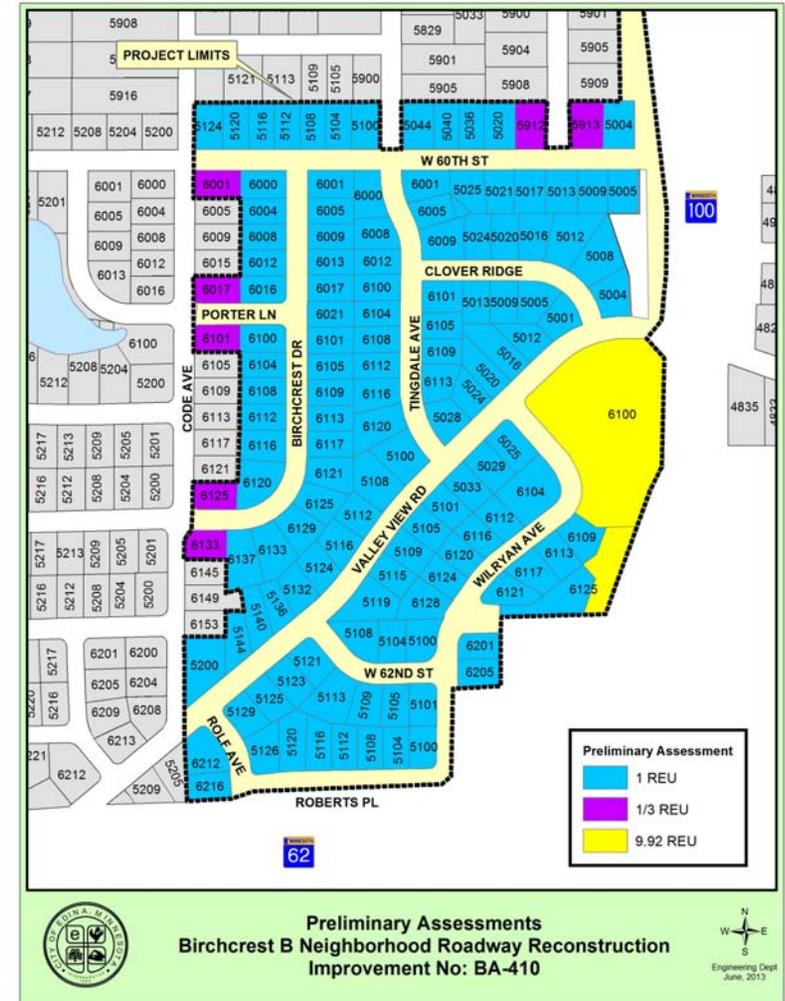
Item	Amount	Total Cost
Roadway(1):	\$1,740,375	
Roadway Total:		\$ 1,740,375
Utilities:		
Storm Sewer(3)	\$ 826,000	
Watermain	\$ 290,000	
Sanitary Sewer	\$ 475,000	
Utility Total:		\$ 1,591,000
Sidewalk:	\$ 245,000	
Sidewalk Total:		\$ 245,000
Total Project:		\$ 3,576,375

- 1 Cost to be assessed to residents
- 2 Costs are given in estimated 2014 dollars
- 3 Includes curb and gutter costs



Proposed Assessments

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





Feasibility:

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

Authorize:

Birchcrest B Neighborhood Roadway Improvements, BA-410



Existing Roadway Details

- Existing width 22 to 39-feet
- Poor pavement condition
- Clayey sand soils





Project Schedule

Project Open House 2012	October 8, 2012
Neighborhood Informational Meeting	July 29, 2013
Valley View Road Sidewalk Informational Meeting	August 20, 2013
ETC Feasibility Study Review	September 19 and October 24, 2013
Receive Feasibility Report	November 19, 2013
Public Hearing	December 10, 2013
Bid Opening	March/April 2014
Award Contract	Spring 2014
Begin Construction	Spring 2014
Complete Construction	Fall 2014
Final Assessment Hearing	Fall 2015