



To: Edina Transportation Commission

Agenda Item #: VI. C.

From: Chad A. Millner, PE, Assistant City Engineer

Action

Discussion

Date: November 21, 2013

Information

Subject: 2014 Neighborhood Reconstruction Projects - Updates

Action Requested:

Review and comment on the 2014 Neighborhood Reconstruction Project updates for the Morningside B, Birchcrest B and Strachauer Park B Neighborhoods, and recommend the feasibility studies be forwarded to City Council for approval.

Information / Background:

Please recall staff presented the draft feasibility studies to the ETC at their September 19 meeting for the following 2014 projects:

1. Morningside B Neighborhood
2. Countryside F Neighborhood
3. Bredesen Park D Neighborhood
4. Birchcrest B Neighborhood
5. Strachauer Park B Neighborhood

An update of these projects was presented to the ETC at their October 24 meeting. Staff has reviewed additional information gathered since that meeting for the Morningside B, Birchcrest B and Strachauer Park B Neighborhoods. A memo is attached with updated information for the commission to consider.

Attachments:

2014 Neighborhood Reconstruction Projects - Updates

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Date: November 13, 2013
To: Edina Transportation Commission
From: Chad Millner, PE, Assistant City Engineer
Re: 2014 Neighborhood Reconstruction Projects - Updates

Summary:

Staff presented draft feasibility studies for the 2014 Neighborhood Roadway Reconstruction Projects to the ETC at their September 19 and October 24, 2013 meetings.

Background Information:

Morningside B

- At a November 12, 2013 Neighborhood Sidewalk Meeting, residents commented on traffic volume and speed issues along 42nd Street specifically west of Grimes. Staff will continue to monitor traffic volume and speed to determine if traffic calming measures are warranted as part of a future street reconstruction project for that neighborhood.

In order to address the pedestrian safety issue along 42nd Street in 2014, staff is recommending the installation of a 5-ft concrete sidewalk w/ a 5-ft boulevard along the north side of 42nd Street to the city limits. The 5-ft boulevard would vary to protect existing trees.

The north side of 42nd Street was selected as the preferred location based on the amount of available right-of-way and the number of potential conflicts compared to the south side. The north side of 42nd Street has approximately 12-feet of right-of-way whereas the south side has approximately 6-feet. Installation of a boulevard style sidewalk would not be possible along the south side while preserving the existing concrete curb and gutter.

- Traffic counts have been updated as shown in the table below.

Street	Year	ADT	85 th Percentile Speed
42 nd Street	2005	982 to 989	28.7 to 28.9 mph
	2011	1598	26.6 mph
	2013	1445	29.6 mph
Morningside Road	2013	1783 to 2196	27.6 to 39.37 mph
Alden Drive	2013	257	22.3 mph



3. Resident comments suggest additional crosswalk pavement markings may be needed along 42nd Street. Staff will review the existing traffic control, measure pedestrian counts and vehicle time gaps and determine where additional crosswalk pavement markings meet the criterion outlined with the City's Local Traffic Control list.

Birchcrest B

- I. Traffic counts have been updated as shown in the table below.

Street	Year	ADT	85 th Percentile Speed
Valley View Road	2008	1430	35.9 mph
	2013	1771	36.0 mph
Normandale Road	2013	2557	38.7 mph
60 th Street	2002 (1)	3004	35.0 mph
	2013	360	27.3 mph
Tingdale	2013	221	26.2 mph
Roberts Street	2013	61	25.3 mph

- I. Traffic volume and speed is questionable.

Strachauer Park B

- I. Staff reviewed the 2 REU calculation for city park property. The REU calculation was verified to produce 2 REU's.