



FEASIBILITY STUDY – S 106

ENGINEERING DEPARTMENT

CITY OF EDINA

SIDEWALK IMPROVEMENTS

INTERLACHEN BOULEVARD –

BEDFORD AVENUE AND WILLIAM AVENUE

JULY 6, 2010

LOCATION:

The Interlachen Boulevard Sidewalk is proposed along the south side of Interlachen Boulevard between Bedford Avenue and William Avenue (Figure 1).

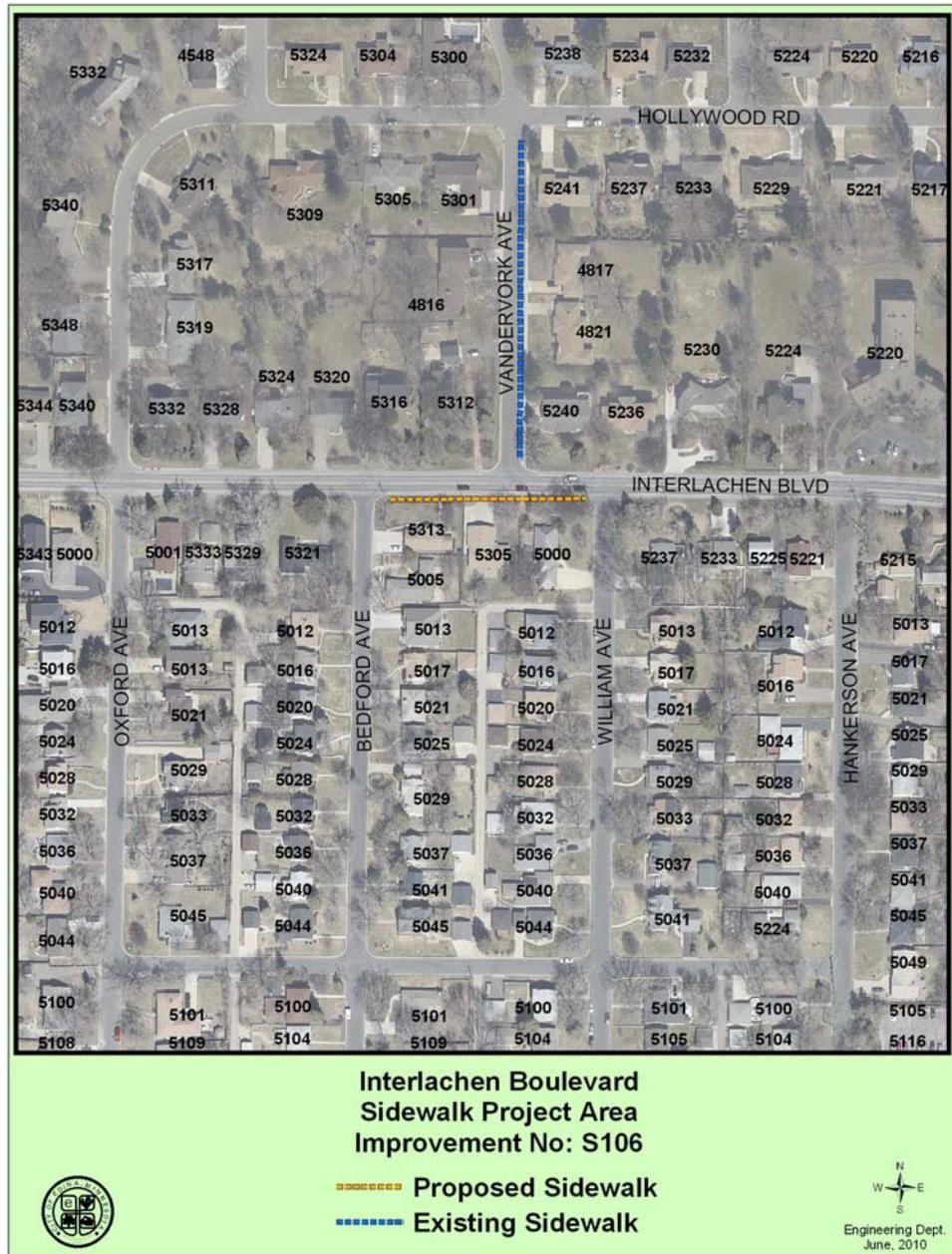


Figure 1. Project Area Map

INITIATION & ISSUES: This project was initiated by a petition accepted by the City of Edina on September 8, 2009 (Attachment A). The petition was signed by 2 of the affected properties and one other resident living in the surrounding neighborhood.

This section of sidewalk is not included in the City's 2008 Comprehensive Plan Update (Attachment B). However, this segment of sidewalk was included in the 2004 Municipal State Aid Sidewalk Study (Attachment C). Given the proximity of this residential neighborhood to Grandview Business District and Todd Park, staff believes there is a need for sidewalk.

Staff Issues

The following are existing features that were used in determining the feasibility of the project and are addressed in this report:

- Existing trees, fencing and landscaping
- Existing overhead utilities
- Sloping yards and driveways
- Safety of residents

Resident Input

Due to the small number of affected parcels and open house was not held. Instead, staff sent letters to the property owners on May 24, 2010 informing them of the project and asked to meet on site to discuss the proposal (Attachment D). At this time, only one resident requested to meet on site and only one other resident has commented on the project in writing (Attachment E).

EXISTING CONDITIONS: The existing 32-foot wide roadway is bituminous with a designated 4-foot bike lane. The right-of-way is approximately 66-foot wide. There is approximately 17-feet of landscaped boulevard along the south side of Interlachen Boulevard and utility poles (Photo 1).



Photo 1. Existing Landscaping and Fence

There currently is a sidewalk on Vandervork Avenue on the north side of Interlachen Boulevard. The sidewalk on Vandervork Avenue runs north and south between Interlachen Boulevard and Hollywood Road (Photo 2).



Photo 2. Looking North on Vandervork Avenue Sidewalk Connection

Interlachen Boulevard is signed and striped for designated bike lanes through this section.

Traffic volumes collected on Interlachen Boulevard in 2009 shows an average daily traffic of 9,405 vehicles with an 85 percentile speed of 34.2 mph.

The City advocates separating vehicles and pedestrians when traffic volumes exceed 750 cars per day.

**PROPOSED
IMPROVEMENTS:**

A 5-foot wide concrete sidewalk was selected as the minimum width needed for plowing by Public Works. A 5-foot grass boulevard will separate the existing curb from the proposed sidewalk (Photo 3). The separation from the vehicle traffic creates a more pedestrian friendly environment and allows the utility poles to remain in place. Currently there is bituminous curb and the sidewalk will be constructed with little disturbance to the existing bituminous curb.



Photo 3. Boulevard Style Sidewalk

Along Interlachen Boulevard there is a decorative fence (Photo 1) that will need to be relocated. Also, some minor impacts to existing landscaping (Photo 4) that will be restored once the sidewalk gets constructed.



Photo 4. Existing Landscaping

A painted pedestrian crossing would also be installed at the extension of the Vandervork Avenue sidewalk to connect the two sidewalks.

**RIGHT-OF-WAY
& EASEMENTS:**

This project utilizes the existing City owned right-of-way. All proposed improvements stay within this right-of-way and no additional easement requirements are anticipated.

**MAINTENANCE
OF SIDEWALK:**

Per City Council policy the Edina Public Works Department will maintain and remove snow from the sidewalk.

PROJECT COSTS:

The total estimated project cost is \$85,000. The total cost includes indirect costs of 15% for engineering and clerical costs and 7.5% for first year finance costs. Funding for the project will come from Municipal State Aid funds.

ASSESSMENTS:

This project is funded through the distribution of the state gas tax; therefore there is **NO** special assessment to property owners.

PROJECT SCHEDULE:

The following schedule is feasible from an Engineering standpoint:

Project Letter.....	May 24, 2010
Receive Feasibility Report/Order Public Hearing.....	July 6, 2010
Public Hearing.....	August 2, 2010
Bid Opening	Winter 2010/11
Award Contract	Winter 2010/11
Begin Construction	Spring/Summer 2011
Complete Construction	Spring/Summer 2011

FEASIBILITY:

Staff believes the construction of this project is feasible along Interlachen Boulevard.

ATTACHMENTS:

- A. Resident Petition
- B. Sidewalk Facilities Figure 7.10 - 2008 Comprehensive Plan Update
- C. Municipal State Aid Sidewalk Study (2004)
- D. Resident Letter #1
- E. On-site meeting summary and resident correspondence