



FEASIBILITY STUDY – S47

ENGINEERING DEPARTMENT

CITY OF EDINA

SIDEWALK IMPROVEMENTS

WEST 42nd STREET FROM FRANCE AVENUE TO OAKDALE AVENUE

INCLUDING PORTIONS OF CROCKER, GRIMES, AND ALDEN AVENUES

AND SCOTT TERRACE

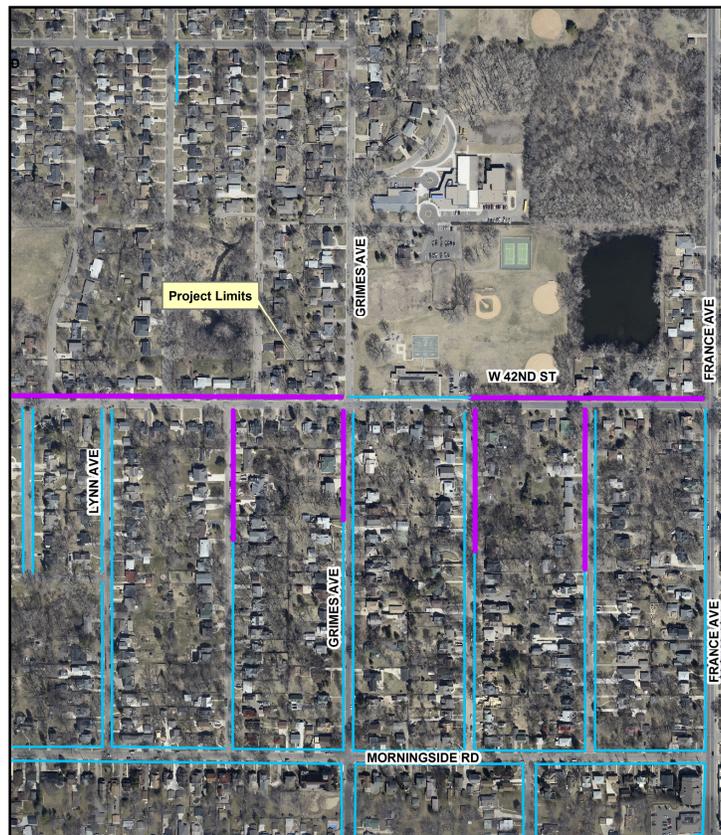
REVISED: JULY 8, 2013

SUMMARY:

The estimated project cost is \$435,000. Funding will be from the Pedestrian and Cyclist Safety (PACS) Fund. The project would be completed during the 2014 construction season in conjunction with the Morningside B Neighborhood Roadway Reconstruction. Staff believes the project is cost effective and feasible to create a safe pedestrian link between France Avenue and the city of St. Louis Park.

PROJECT MAP:

The West 42nd Street Sidewalk Project from France Avenue to Oakdale Avenue including portions of Crocker, Grimes, and Alden Avenues and Scott Terrace (Figure 1).



Project Area
W 42nd St Sidewalk
Improvement No: S47

- Existing Concrete Sidewalk
- Proposed Concrete Sidewalk



Engineering Dept
May, 2012

Figure 1. Project Area Map

INITIATION & ISSUES:

The City Council directed the Engineering Department to do a feasibility study on the proposed sidewalk along West 42nd Street from France Avenue to Oakdale Avenue. The City's 2008 Comprehensive Plan Update has a plan for future sidewalks and bicycle facilities. The proposed sidewalk along West 42nd Street including portions of Crocker, Grimes, and Alden Avenues and Scott Terrace are consistent with the Comprehensive Plan. (Attachment A & B).

Staff Issues

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

- Existing fences and walls
- Existing trees and landscaping
- Existing utility poles and overhead utilities
- Existing fire hydrants
- Steep driveways and yards
- Safety of residents and children
- Traffic volumes ranging from approximately 1000 to 2000 vehicles per day
- Project cost and source of funding

EXISTING CONDITIONS:

The road is approximately 30-feet wide and the right-of-way for the majority of the roadway is 50-feet. The existing roadway is a bituminous surface with concrete curb and gutter.

Existing sidewalks extend from the south on Oakdale Avenue, Lynn Avenue, Grimes Avenue, Alden Avenue, Scott Terrace, and France Avenue. An existing sidewalk extends along the north side of 42nd Street between Grimes Avenue and Alden Avenue in front of Weber Field and the Golden Years Montessori (Photo 1).



Photo 1. Existing Sidewalk at Weber Field and Golden Years Montessori

**PROPOSED
IMPROVEMENTS:**

Sidewalk Style

Staff is proposing a combination of 4-foot and 5-foot wide concrete boulevard style sidewalks (Photo 2). The 5-foot wide concrete sidewalk will be constructed along the east portion of 42nd Street from France Avenue to Grimes Avenue. It will connect to the existing sidewalk along Weber Field.

The 4-foot wide concrete sidewalks will be constructed along the west portion of 42nd Street from Alden Avenue to Oakdale Avenue and south of 42nd Street.

The grass boulevard that separates the existing curb and gutter from the proposed sidewalk will vary between 4-feet and 6-feet in width depending on existing conditions. The separation from the vehicle traffic creates a more pedestrian friendly environment and allows most of the utility poles to remain in place.

Currently there is concrete curb and gutter and the sidewalk will be constructed with little disturbance to the existing concrete curb and gutter.



Photo 2. Boulevard Style Sidewalk

Location of Sidewalk

The north side of West 42nd Street was selected as the preferred alignment based on the amount of potential conflicts along the south side with existing retaining walls, steep slopes, landscaping, and trees and the ability to connect to the existing sidewalk at Weber Field and the Golden Years Montessori School. This project will install sidewalk along portions of Crocker Avenue, Grimes Avenue, Alden Avenue, and Scott Terrace to connect to existing 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:**

5-foot wide sidewalks are considered City sidewalk. Maintenance for City sidewalks will be the responsibility of the City including snow removal. 4-foot wide sidewalks are considered local sidewalks. Maintenance for local sidewalks will be the responsibility of the residents including snow removal.

PROJECT COSTS:

The total estimated project cost is \$435,000. The total cost includes indirect costs of 15% for engineering and clerical costs and 7.5% for first year finance costs. Funding for this project will come from the PACS Fund.

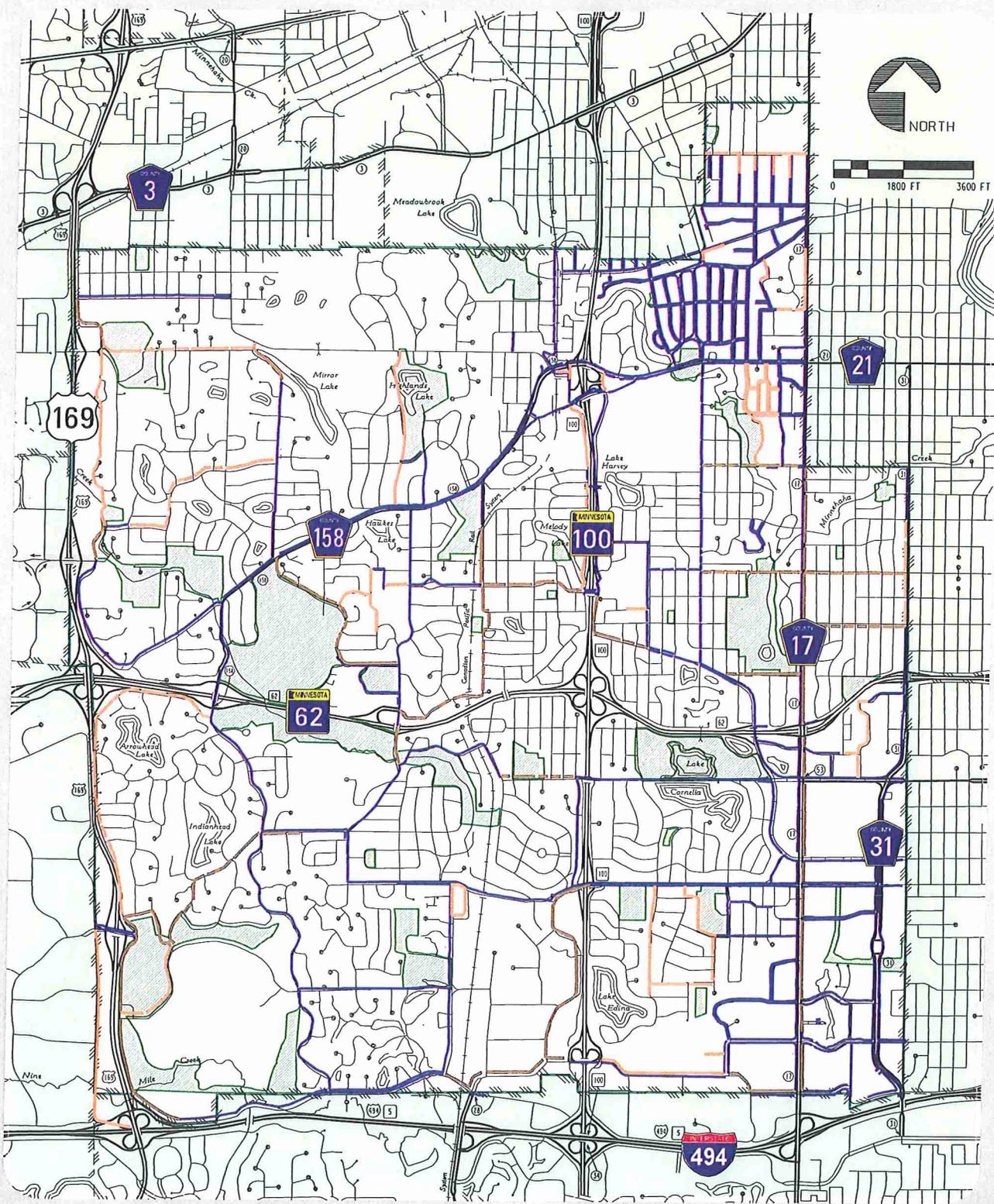
PROJECT SCHEDULE:

The following schedule is feasible from an Engineering standpoint:

Informational Meeting/Open House.....	TBD
Transportation Commission Review.....	TBD
Receive Feasibility Report/Order Public Hearing.....	TBD
Public Hearing.....	TBD
Bid Opening.....	TBD
Award Contract	TBD
Begin Construction.....	TBD
Complete Construction.....	TBD

ATTACHMENTS:

- A. Sidewalk Facilities Figure 7.10 - 2008 Comprehensive Plan Update
- B. Bicycle Facilities Figure 7.11 - 2008 Comprehensive Plan Update



LEGEND: — Existing Sidewalk — Proposed School / Business Sidewalk — Proposed State-Aid Sidewalk

Note: Park Pathways are included on Figure 7.11

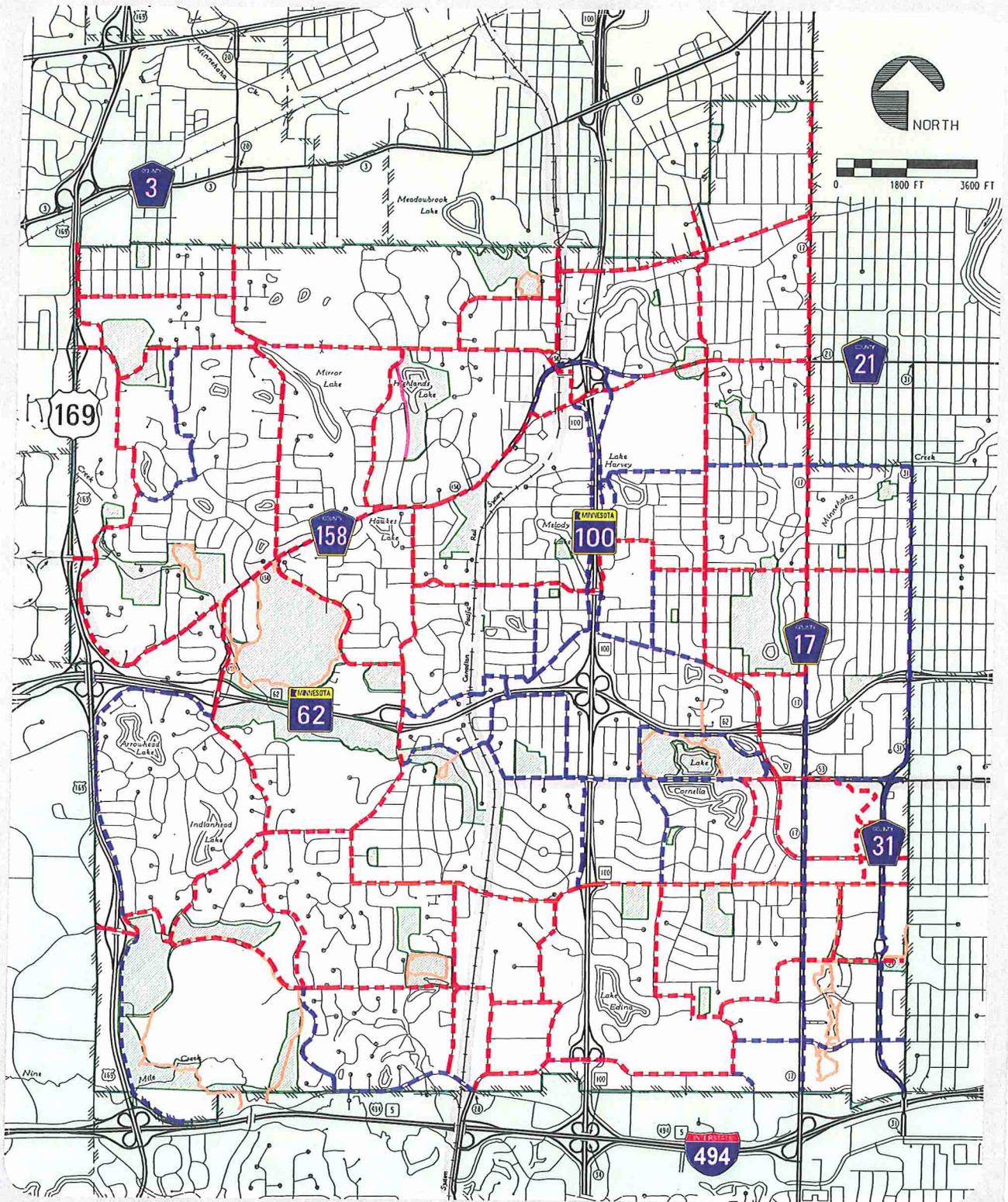


**City of Edina
2008 Comprehensive Plan Update**

Sidewalk Facilities

Figure 7.10

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LEGEND:

Existing Park Pathway	Existing Hennepin County Corridors	Proposed Park Pathway	From the 2007 Edina Comprehensive Bicycle Transportation Plan	
			Primary Route	Secondary Route



**City of Edina
2008 Comprehensive Plan Update**

Bicycle Facilities

Figure 7.11

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