

Route 20 Assessment

France Avenue > Edina Promenade > Xerxes Lane > 75th Street

Overview

Route 20 begins at France Avenue and uses the existing Edina Promenade and associated trail connections. The route heads east from France Avenue to Adam Hill Park where it then follows Xerxes Lane south to 75th Street and the start of the City of Richfield regional trail segment planned for construction in 2010. Two variations are proposed for Route 20 along Xerxes Avenue.

Route 20-1 is proposed along the east side of Xerxes Avenue.

Route 20-2 is proposed along the west side of Xerxes Avenue.



Economic Assessment

Preliminary Construction Estimate: **20-1** \$400,000; **20-2** \$400,000

Route 20 utilizes the existing Edina Promenade which is illustrated in the top photo. The lower photo shows Xerxes Avenue. The design recommendation is to route the trail on the west side of Xerxes Avenue (lower photo).

Route 20-1 Assessment, cont'd

France Avenue > Edina Promenade > Xerxes Lane > 75th Street

Social Assessment

Adjacent Residential Yards		Proximity of Adjacent Homes	
Different areas of residential property offer varying levels of privacy and access which may be altered by the trail.		Homes closer to the proposed trail have greater opportunity for potential trail related impacts (visual, noise, privacy).	
<i>Number of residential front yards</i>	9	<i>Average distance from house to trail</i>	70'
<i>Number of residential side yards</i>	3	<i>Average distance from house to property line</i>	30'
<i>Number of residential back yards</i>	2	<i>Number of houses < 25 feet</i>	0

Technical Assessment

Space Requirements		Driveway Crossings	
If adequate right-of-way is not available, additional easements or street redesign may be required.		Each driveway crossing will result in encounters between trail users and motorists. Each encounter creates an opportunity for an incident.	
<i>Proposed street redesign: N/A</i>		<i>Single family driveway crossings</i>	11
		<i>Multi-family driveway crossings</i>	0
		<i>Low turnover commercial crossings</i>	0
		<i>High turnover commercial crossings</i>	0
		<i>Total driveway crossings</i>	11
Road Crossings			
Each road crossing will result in encounters between trail users and motorists. Each encounter creates an opportunity for an incident.			
<i>Number of road crossings</i>	1		
<i>Speed limit of roads</i>	1 at 31 - 40 mph		
<i>Average annual daily traffic</i>	1 at 9,001		
	- 47,000 vehicles/day		
<i>Functional Class</i>	1 'B' minor arterial road		

Route 20-2 Assessment, cont'd

France Avenue > Edina Promenade > Xerxes Lane > 75th Street

Social Assessment

<p>Adjacent Residential Yards</p> <p>Different areas of residential property offer varying levels of privacy and access which may be altered by the trail.</p> <table> <tr> <td><i>Number of residential front yards</i></td> <td style="text-align: right;">7</td> </tr> <tr> <td><i>Number of residential side yards</i></td> <td style="text-align: right;">6</td> </tr> <tr> <td><i>Number of residential back yards</i></td> <td style="text-align: right;">0</td> </tr> </table>	<i>Number of residential front yards</i>	7	<i>Number of residential side yards</i>	6	<i>Number of residential back yards</i>	0	<p>Proximity of Adjacent Homes</p> <p>Homes closer to the proposed trail have greater opportunity for potential trail related impacts (visual, noise, privacy).</p> <table> <tr> <td><i>Average distance from house to trail</i></td> <td style="text-align: right;">70'</td> </tr> <tr> <td><i>Average distance from house to property line</i></td> <td style="text-align: right;">50'</td> </tr> <tr> <td><i>Number of houses < 25 feet</i></td> <td style="text-align: right;">0</td> </tr> </table>	<i>Average distance from house to trail</i>	70'	<i>Average distance from house to property line</i>	50'	<i>Number of houses < 25 feet</i>	0
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Technical Assessment

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CAT Design Recommendations

Route 20-2 is recommended because it crosses fewer driveways.

Additional CAT Member Narrative

No additional CAT Member comments were received.