

## West 70<sup>th</sup> Street/Cornelia Area Traffic Study: Study Goals/ Constraints/ Facts/ Evaluation Criteria

**DRAFT FOR DISCUSSION ONLY:** Study Advisory Committee, Revised August 9, 2007

<b>Study Goals: Goals for potential solutions</b>	<b>Evaluation Criteria: Alternatives* Analysis</b>
Promote appropriate traffic volumes for the function, capacity and character of West 70 <sup>th</sup> Street.	<ul style="list-style-type: none"> <li>• Ability of alternative to carry anticipated traffic volumes and/or redirect traffic volumes to other appropriate roadways with excess capacity.</li> </ul>
Promote efficient flow of traffic along West 70 <sup>th</sup> Street and other area roadways	<ul style="list-style-type: none"> <li>• Level of service at key intersections.</li> <li>• Travel time estimates.</li> </ul>
Promote West 70 <sup>th</sup> Street operational speeds at the posted speed limit of 30 mph.	<ul style="list-style-type: none"> <li>• Ability of alternative to promote reasonable speeds.</li> </ul>
Improve roadway safety conditions in problem areas: <ul style="list-style-type: none"> <li>• TH 100 off-ramp/Normandale Rd/Christ Presbyterian Church</li> </ul>	<ul style="list-style-type: none"> <li>• Ability of alternative to address traffic flow and/or geometric concerns creating problematic conditions.</li> </ul>
Promote courteous motorist behavior.	<ul style="list-style-type: none"> <li>• Ability of alternative to inform motorists of change of character at West 70<sup>th</sup> Street.</li> </ul>
Promote a safe environment for pedestrians, bicyclists and school-age children to walk along and cross West 70 <sup>th</sup> Street.	<ul style="list-style-type: none"> <li>• Number and location of controlled pedestrian crossings.</li> <li>• Ability to provide a trail/sidewalk along West 70<sup>th</sup> in accordance with appropriate standards.</li> </ul>
Provide safe and time-efficient access to/from properties fronting West 70 <sup>th</sup> Street.	<ul style="list-style-type: none"> <li>• Ability of alternative to provide sufficient gaps to allow backing onto West 70<sup>th</sup> from adjoining driveways.</li> </ul>
Provide safe and time-efficient access to/from local streets intersecting West 70 <sup>th</sup> Street.	<ul style="list-style-type: none"> <li>• Ability of alternative to provide reasonable levels of delay at side street intersections.</li> </ul>
Provide access from neighborhoods south of West 70 <sup>th</sup> to the regional roadway network and regional destinations.	<ul style="list-style-type: none"> <li>• Number and locations of access/egress points from the neighborhood to collector or arterial streets.</li> </ul>
Implement a proposed solution in a reasonable timeframe.	<ul style="list-style-type: none"> <li>• Concept-level cost estimate/ timeline for implementation.</li> <li>• Amount of right of way required.</li> <li>• Approvals needed to implement the alternative and anticipated success in securing those approvals.</li> </ul>
Reconnect residential areas north and south of 70 <sup>th</sup> Street.	<ul style="list-style-type: none"> <li>• Many of the above</li> </ul>

\*An **Alternative** is a complete and comprehensive package of improvements/changes to West 70<sup>th</sup> Street and/or other transportation facilities or surrounding land in Edina which attempts to address a majority of the Study Goals.

**Study Goals: Process goals**

- Conduct an open, well-informed process to achieve the goals listed above.

**Constraints (what we want to avoid)**

- Avoid promoting inappropriate cut-through traffic in areas north and south of West 70<sup>th</sup> Street.
- Avoid significant right of way acquisition.
- Avoid exaggerating existing impacts to adjacent residential areas.

**Facts we must take into account**

- West 70<sup>th</sup> Street/TH 100 interchange will remain.
- Land uses will be determined through the Edina Comprehensive Planning Process.
- West 70<sup>th</sup> Street must balance its function in the Edina roadway network as a B Minor Arterial with its character as a residential street.