Town of Whitby Transportation Master Plan
Exhibit G.1 - Lakeshore, South, and West Whitby Roadway Improvement Alternatives

Legend
- 407 East Transportation Corridor
- West Durham Link
- Municipality
- Alternatives

<table>
<thead>
<tr>
<th>Alternatives</th>
<th>V/C Ratio</th>
<th>Level of Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>Road Widening (lanes)</td>
<td>0.60</td>
<td>Good (V/C &lt; 0.70)</td>
</tr>
<tr>
<td>Road Extension (lanes)</td>
<td>0.90</td>
<td>Unstable (V/C = 0.70 - 0.90)</td>
</tr>
<tr>
<td></td>
<td>&gt; 0.90</td>
<td>Poor (V/C &gt; 0.90)</td>
</tr>
</tbody>
</table>

- Potential road alignments subject to further study
- Different combinations of Road Improvements apply to each Alternative
- Screenline volumes based on the P.M. Peak Hour
Town of Whitby Transportation Master Plan
Exhibit G.2 - East and Central Whitby North-South Roadway Improvement Alternatives

Legend
- 407 East Transportation Corridor
- West Durham Link
- Municipality
- Alternatives

North of Taunton Rd
South of Taunton Rd
Road Widening (lanes)
Road Extension (lanes)

* Potential road alignments subject to further study
* Different combinations of Road Improvements apply to each Alternative
* Screenline volumes based on the P.M. Peak Hour
Town of Whitby Transportation Master Plan
Exhibit G.3 - Central Whitby East-West
Roadway Improvement Alternatives

Legend
407 East Transportation Corridor
West Durham Link
Municipality
Alternatives

4 East of Brock St
5 East of Thickson Rd

- Level of service: good
- V/C < 0.70

- Level of service: unstable
- 0.70 ≤ V/C ≤ 0.90

- Level of service: poor
- V/C > 0.90

* Potential road alignments subject to further study
* Different combinations of Road Improvements apply to each Alternative
* Screenline volumes based on the P.M. Peak Hour
**Town of Whitby Transportation Master Plan**

**Exhibit G.4 - Preferred Roadway Network**

**Legend**

- 407 East Transportation Corridor
- West Durham Link
- Improvement From 2-4 Lanes
- Improvement From 4-6 Lanes
- Roadway Extension
- Grade Separation
- Potential Grade Separation
- Full Interchange
- Partial Interchange

* Potential road alignments subject to further study
**MTO to be consulted about and review any proposed changes to municipal roadways in the vicinity of MTO infrastructure.
Town of Whitby Transportation Master Plan
Exhibit G.5 - 2031 Screenline Deficiencies P.M. Peak Hour - 2031 Population and Employment on Preferred Network

Legend

1 Lakeshore Whitby
2 South Whitby
3 East Whitby
4 West Whitby
5 Central Whitby
6 North Whitby

1 East of Lake Ridge Rd
2 West of Brock St
3 East of Brock St
4 North of Taunton Rd
5 South of Taunton Rd

Municipality

Created By: SFG
Checked By: KK
Date Created: January 27, 2009
Date Modified: February 22, 2010
File Path: I:\GIS\081261 - West Whitby\TMP\Mapping\Report Figures 080709\Roadway Improvement Options D.mxd