

# NH Route 103 Traffic Calming Measures

## Alternatives Comparison Matrix

CONSIDERATION	ALTERNATIVE	
	TRAFFIC SIGNAL	ROUNDBABOUT
Description	<ul style="list-style-type: none"> <li>New Traffic Signal at the Market Basket Entrance.</li> </ul>	<ul style="list-style-type: none"> <li>New Single Lane Roundabout at the Market Basket Entrance.</li> </ul>
Traffic Calming Potential	<ul style="list-style-type: none"> <li>Limited</li> </ul>	<ul style="list-style-type: none"> <li>Robust</li> </ul>
Intersection Level of Service (LOS)	<ul style="list-style-type: none"> <li>AM = B</li> <li>PM = C</li> </ul>	<ul style="list-style-type: none"> <li>AM = A</li> <li>PM = B</li> </ul>
Safety	<ul style="list-style-type: none"> <li>Improved</li> </ul>	<ul style="list-style-type: none"> <li>Better</li> </ul>
Aesthetics	<ul style="list-style-type: none"> <li>Potential Improvement</li> </ul>	<ul style="list-style-type: none"> <li>Potential Improvement</li> <li>Possible Gateway</li> </ul>
Cost	Engineering: \$150,000 Construction: \$450,000 Constr. Engr.: \$75,000 Total: \$675,000  <i>Town Share: \$225,000*</i> <i>*Does not include Pre-Emption Equipment</i>	Engineering: \$171,500 Construction: \$500,000 Constr. Engr.: \$100,000 Total: \$771,500  <i>Town Share: \$257,167</i>
Advantages (Pros)	<ul style="list-style-type: none"> <li>Less Expensive</li> <li>Quicker to Construct</li> <li>Driver Understanding</li> </ul>	<ul style="list-style-type: none"> <li>Calms Traffic/Safer</li> <li>Better LOS (Less Peak Delay)</li> <li>Better Off Peak Performance</li> <li>Gateway Treatment</li> </ul>
Disadvantages (Cons)	<ul style="list-style-type: none"> <li>Limited Calming</li> <li>Long Term O&amp;M Costs</li> <li>Would be First Signal in Warner</li> </ul>	<ul style="list-style-type: none"> <li>More Expensive</li> <li>Longer to Construct</li> <li>Driver Education</li> </ul>