The City of Burlington is committed to creating safer streets for everyone by making walking and biking a viable and enjoyable way to get around Town. In the late 1990’s, the City developed and implemented a Traffic calming and Neighborhood Enhancement program as one way to achieve this goal. The program realized successes, but over time became a burden to City staff and the community due to the length of time required to get through the process. Many proposed improvements were taking 4 years or more to implement upon first receiving the neighborhood petition. A more transparent, streamlined process that was guided by accepted engineering standards was needed.

The consultant team worked collaboratively with City staff to understand the good and the bad of the current program. Based on this information, a new data-driven decision process was developed that eliminated the burdensome petition process, and instead relied on measured speed, crash, and heavy truck volume criteria thresholds. The consultant team summarized this process in the final deliverable - the City of Burlington Traffic Calming Manual. The manual is a clear and concise document that: 

- Defines what traffic calming is and establishes why it’s important;
- Summarizes the process for determining traffic calming need in an easy to comprehend flowchart;
- Describes accepted traffic calming measures and graphics via one-page cut sheets; and
- Identifies traffic calming measures based on defined City street typologies.

The new manual provides a clear and concise process for the community to understand and for the City to implement. The streamlined planning, engineering, and budgeting of resources resulting from this new process allows the City to make meaningful change in a reasonable amount of time.

TRAFFIC CALMING MEASURES AND CONTEXTUAL GUIDANCE

<table>
<thead>
<tr>
<th>Issue Type</th>
<th>Description</th>
<th>Speed Reduction Potential</th>
<th>Advantages &amp; Disadvantages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crash Threshold 1</td>
<td>Exceeds:</td>
<td>-3 to -4 MPH</td>
<td>High-impact physical design</td>
</tr>
<tr>
<td>Crash Threshold 2</td>
<td>Exceeds:</td>
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</tr>
<tr>
<td>Crash Threshold 3</td>
<td>Exceeds: 1+ Fatality (Type 3)</td>
<td>-7 to -8 MPH</td>
<td>High-impact physical design</td>
</tr>
<tr>
<td>Bicycle/Pedestrian Crash Threshold 4</td>
<td>Exceeds: 4% of Traffic; OR Engineering Judgment</td>
<td>-9 to -10 MPH</td>
<td>High-impact physical design</td>
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TRAFFIC CALMING EVALUATION FLOWCHART

1. Conduct Field Review Measurements
2. Conduct Assessment
3. Report of Problem
4. Traffic Calming
5. One of These Thresholds
6. Issue Fails
7. Exceeds posted speed; Exceeds VT State
8. Evaluation Flowchart
9. Contextual Guidance
10. Traffic Calming Measures and ITE Traffic Calming Measures

ADVANTAGES
- Decreases vehicle speeds
- Improves pedestrian safety
- Enhances neighborhood character

DISADVANTAGES
- Potential to cause vehicle damage to drivers with larger class vehicles
- May require some parking removal adjacent to intersections
- Creates opportunities for landscaping and amenities at intersections
- Provides protected parking bays
- Size of the extension

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