

# ***NY5 Access Management Plan***

*June 2009*

## **Appendix A**

### **Access Management Toolbox Table**

## Access Management Toolbox Table

Access Management Tools		
Tool and Description	Advantages	Concerns
<b>Site Design</b>		
<p><b><u>Pedestrian Connections</u></b> Sidewalks, crosswalks, or multi-use paths provided for use by pedestrians</p>	<ul style="list-style-type: none"> <li>- Known pedestrian routes</li> <li>- Greater visibility for pedestrians</li> </ul>	<ul style="list-style-type: none"> <li>- Termination points</li> <li>- Opposing vehicle volume</li> <li>- Construction schedule</li> </ul>
<p><b><u>Shared Driveway</u></b> A single driveway serving two or more adjacent sites with joint ownership or a permanent access easement</p>	<ul style="list-style-type: none"> <li>- Minimizes access points to the mainline</li> <li>- Decreases conflict points</li> <li>- Can encourage pedestrian movement</li> </ul>	<ul style="list-style-type: none"> <li>- Land owner agreement needed</li> <li>- On-site vehicle storage</li> <li>- Traffic volume at driveway</li> </ul>
<p><b><u>Cross Access Connections</u></b> Formal or informal connections between parcels that allow movement between sites without traveling on the mainline</p>	<ul style="list-style-type: none"> <li>- Minimizes turns to and from the mainline</li> <li>- Can encourage pedestrian movement</li> </ul>	<ul style="list-style-type: none"> <li>- Land owner agreement needed</li> <li>- Connection to adjacent signal controlled intersection</li> </ul>
<p><b><u>Access and Turn Restrictions</u></b> Restricting turning movements at a driveway or to a high volume roadway</p>	<ul style="list-style-type: none"> <li>- Decreases conflict points</li> <li>- Minimizes driver confusion</li> </ul>	<ul style="list-style-type: none"> <li>- Perceived reduction in business activity</li> </ul>
<p><b><u>Align Driveways/Roadways</u></b> Locate driveways directly opposite each other to create a typical four-leg intersection</p>	<ul style="list-style-type: none"> <li>- Reduces driver confusion</li> <li>- Minimizes potential conflicts</li> </ul>	<ul style="list-style-type: none"> <li>- Site layout constraints</li> <li>- Traffic volume</li> </ul>
<p><b><u>Rear or Side Parking</u></b> Parking that is situated behind or beside a building footprint</p>	<ul style="list-style-type: none"> <li>- More pedestrian friendly corridor</li> <li>- Increases visibility for building fronts</li> </ul>	
<b>Roadway Design</b>		
<p><b><u>On-street Parking</u></b> Parallel, angled, or perpendicular parking in dedicated parking lanes located adjacent to the traveled way</p>	<ul style="list-style-type: none"> <li>- Narrows the street and calms traffic</li> <li>- Creates a buffer between vehicles and pedestrians</li> </ul>	<ul style="list-style-type: none"> <li>- Not appropriate for high speed locations</li> </ul>
<p><b><u>Dedicated Turn Lane</u></b> Lane reserved for the use of a single travel movement like a left or right-turn at an intersection or driveway</p>	<ul style="list-style-type: none"> <li>- Increases roadway capacity</li> <li>- Reduces potential for rear end accidents</li> <li>- Increases mobility for through traffic</li> </ul>	<ul style="list-style-type: none"> <li>- Potential right-of-way impacts</li> <li>- Can increase size of intersection resulting in increased walking/crossing distance</li> </ul>
<p><b><u>Service Road</u></b> A roadway that is constructed parallel to the mainline with the intention of relieving mainline vehicular traffic and minimizing access</p>	<ul style="list-style-type: none"> <li>- Decreases mainline traffic</li> <li>- Minimizes turns to and from the mainline</li> <li>- Reduces delay to through traffic</li> </ul>	<ul style="list-style-type: none"> <li>- Potential right-of-way impacts</li> <li>- Municipal responsibility</li> <li>- Stakeholder cooperation</li> </ul>
<p><b><u>Raised Median</u></b> A barrier separating opposing traffic that restricts turns across the barrier</p>	<ul style="list-style-type: none"> <li>- Decreases conflict points</li> <li>- Reduces crashes</li> <li>- Can provide refuge for pedestrians</li> </ul>	<ul style="list-style-type: none"> <li>- Perceived reduction in business activity</li> </ul>