



Real People. Real Solutions.

2638 Shadow Lane  
Suite 200  
Chaska, MN 55318-1172

Ph: (952) 448-8838  
Fax: (952) 448-8805  
Bolton-Menk.com

## MEMORANDUM

**Date:** March 3, 2026  
**To:** Honorable Mayor and City Council  
**From:** Matt Bauman, P.E.  
**RE:** Gateway Boulevard Traffic Calming/Pedestrian Crossings Options

Attached is a matrix summary of options to be considered to help improve pedestrian crossing safety along Gateway Boulevard, particularly in the mall area with the parking lot on the south side of the road and mall on the north side.

Our recommendation, based on price verse driver effect is listed in order below:

1. Pedestrian stop delineator
2. Solar flashing pedestrian signage
3. Post mounted delineators for bumpouts
4. Solar flashing push button pedestrian signage
5. Permanent bumpouts

The roadway width varies based on location, but is generally 24' of pavement. Delineators can be used to effectively narrow the driving lanes by another foot or two to help reduce speeds.

Non-solar flashing lights are an option as well, but require a power source and will need to disturb more sidewalk and pavement to install.

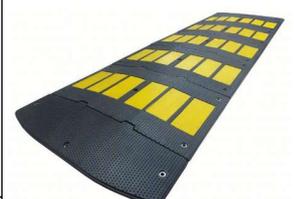
Options included, but not recommended because of winter plowing issues:

- Temporary speed bumps
- Permanent speed bump/tabling options

I will be at the upcoming council workshop to discuss the pros and cons of each option in more detail.

Crossing Options	Pros	Cons	Price	Source	Notes
<b><u>Pavement Options</u></b>					
Bumpout 	Reduces speed by narrowing lane and defining crossings	Expensive. Doesn't work well with parking lot layout and roadwidth	~\$10k	Estimate	
Tabling (Wide Speed Bump) 	Clear crossing area. Reduces speed.	Drainage issues, Design is critical - if too gradual, may not slow traffic enough, Expensive and permanent	~\$5k+	Estimate	
Concrete Table/Speed Bump 	Longest lasting	Plowing issues, Design is critical, Expensive and Permanent	~\$5k-\$10k	Estimate	
<b><u>Signs</u></b>					
Solar flashing ped sign 	Draws attention. Uses existing poles (confirm height requirements). No power lines.	Always on - Drivers will get used to them.	\$2,908.26	Grainger	Needs Pole
Solar flashing push button ped sign 	Draws attention when in use. No power needed.	Price. Not linked.	\$7,326.08	Grainger	Needs Pole
Non solar flashing signs	Same as above.	Need power source and additional surface disturbances	Varies		
Pedestrian Stop Delineator (mount) 	Cheap. Narrows lane.	Winter plowing.	\$855.13	Grainger	
Pedestrian Stop Delineator (mobile) 	Cheap. Narrows lane. Movable.	Moved/knocked over in winter.	\$739.57	Grainger	

**Other Trials**

<p><b>Post Mounted Delineators</b></p>		<p>Cheap. Trial basis.</p>	<p>Easily damaged/ run over.</p>	<p>\$70 x (##)</p>	<p>Grainger</p>	<p>+ hardware, total price dependent on layout</p>
<p><b>Temp Rubber Speed Bump</b></p>		<p>Cheap. Trial basis. Gets attention. Reusable for other locations.</p>	<p>Winter plowing issues</p>	<p>\$1,459.82</p>	<p>Grainger</p>	<p>2 @ 10'</p>