

## #14, CARMAN ROAD SIDEWALK CONNECTION: TOWN OF GUILDERLAND

**LOCATION:** St. Madeleine Sophie School to Lydius St on west side of Carman Rd and Lydius St to Coons Rd on east side of Carman Rd  
**DESCRIPTION:** Installation of a 5 ft wide sidewalk, crosswalks, drainage system installation and utility relocation  
**CATEGORY:** Bike/Ped  
**COST:** \$1.36 M      **LIFE:** 30 Years  
**SPONSOR:** Town of Guilderland  
**CURRENT CONDITION:** No sidewalk currently  
**FUNCTIONAL CLASS:** Principal Urban Arterial  
**AADT:** 13,070  
**ON PRIORITY NETWORK(S):** Bike/Ped, Access Management, Transit

<b>WEIGHTED SCORE*</b>	<b>4</b>
MARKET POTENTIAL	C
COST EFFECTIVENESS	C
SAFETY	B-
 ANNUALIZED COST (\$k/yr)	 \$99

\*All benefits were translated to a qualitative rating of A, B, or C with A being high and C being low. Weighted score points were assigned as follows: A+=7, A=6, A-=5, B+=4, B=3, B-=2, C+=1, C=0. Market potential and Safety are worth 2X Cost effectiveness.

**CONGESTION RELIEF:** No measurable reduction in excess delay. VMT reduced by 21,450.  
**AIR QUALITY BENEFIT:** Volatile organic compounds reduced by 9 KG/year and NOx reduced by 11 KG/year.  
**ENVIRONMENTAL MITIGATION:** Within 0.25 miles of an aquifer and Class 1 & 2 Soils  
**REGIONAL SYSTEM LINKAGE:** Completes a major link though one of the town's major residential areas.

**LAND USE COMPATIBILITY (PLANNED OR EXISTING):** Guilderland Pathways Master Plan and the Fort Hunter/Carman Road Neighborhood Transportation Plan  
**CONTRIBUTION TO COMMUNITY OR ECONOMIC DEVELOPMENT:** Project will provide non-motorized access to a variety of commercial, residential and institutional land uses.  
**ENVIRONMENTAL JUSTICE:** N/A  
**BUSINESS OR HOUSING DISLOCATIONS:** None. No ROW is anticipated.

<p><b>FACILITATES:</b>  <b>BICYCLING</b> – Not directly  <b>WALKING</b> – Y: new sidewalks, ADA</p>	<p><b>TRANSIT USE</b> – Y: ped improvements  <b>GOODS MOVEMENT</b> – N/A  <b>INTERMODAL TRANSFERS</b> – possibly</p>
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**SPONSOR PRIORITY:** 1<sup>st</sup> of 3  
**SCREENING ISSUES:** None  
**OTHER CONSIDERATIONS:** NYSDOT owns and maintains NY 146 (Carman Road).