

**SCHEDULE C**

Impact of investment on Sustainability Outcomes for Local Roads and Bridges

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| <b>Municipal Name</b>   |  |
| <b>Municipal Contact</b>  | Name:<br>Position:<br>Municipal mailing address:<br>Telephone number:<br>Fax number:<br>e-mail:  |
| <b>Project Description</b><br>(type of project i.e. resurfacing, structure rehabilitation, drainage improvements, traffic signal installation, installation of turning lanes) | Installation of LED intelligent traffic signals, improved vehicle detection for turning and through traffic from XX Street.<br><br>YY Road is a major arterial.  |
| <b>Location Description</b><br>(road/bridge name, start & end point, lot & concession – attach key plan if available)   | Intersection of XX Street and YY Road (see attached map)   |
| <b>Project Address</b><br>(provide <b>only one</b> latitude/longitude position or address for mapping the project on the <a href="#">Gas Tax website</a> )                    | Latitude/Longitude (format: 00.00 N, -00.00 W)<br><br>43.25, -81.25<br><br><b>OR</b><br><br>Street Number & Name:<br>Municipality:<br>Postal Code:   |
| <b>Project Start Date</b> (start of design)   | Jan 1, 2012  |
| <b>Project Rationale</b><br>(benefits and beneficiaries)  | This intersection warrants the installation of traffic signals based on the Ontario Traffic Manual.<br><br>Those on XX Street are experiencing considerable delays trying to cross or enter onto YY Road. With the addition of an elementary school in the area there is also increased pedestrian traffic.<br><br>These improvements will reduce vehicle idling times thereby reducing GHG emissions. The addition of traffic signals will also increase the attractiveness of pedestrian movement in the area. |
| <b>Outputs</b><br>(which of the outputs described in the list)  | Reduced GHG emissions from reduced traffic delays at intersections.  |

## SAMPLE PROJECT – TRAFFIC SIGNALS

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| below are met by this project)  | Increased pedestrian traffic.<br><br>The use of LED traffic signals will save the municipality xx kilowatt hours per year. |
| <b>Other Benefits</b><br>(if none of the outputs below apply, provide the rationale and the <b>outcomes</b> for the project– i.e. how the project will contribute to cleaner air, cleaner water, reduced greenhouse gas emissions.) |  |
| <b>Estimated Total Project Cost</b><br>(include all costs for the project - both gas tax eligible and ineligible)   | \$XXX,XXX  |

**Expected Outcomes and Outputs:**

Municipalities will report on outcomes and outputs of the project through the online Annual Expenditure Reporting module as per section 7.2 of the MFA. To help you prepare, the following outlines the type of information required for each type of road or bridge project:

**Output 5: Traffic signal installation, traffic signal upgrading and traffic signal co-ordination projects** (i.e. installation of new traffic signals, upgrading traffic signal installations, and projects to co-ordinate the timing of traffic signals in urban areas)

Municipalities will need to provide: number of seconds, on average, vehicles delayed on sideroad during peak hours, number of seconds, on average, vehicles delayed on sideroad during off peak hours, current traffic volume on sideroad, current traffic volume on main road, signal timing, red light indication main road, signal timing and red light indication sideroad to demonstrate an **outcome** of reduced energy requirements contributing to cleaner air and/or reduced greenhouse gas emissions.