

**STORM WATER MANAGEMENT**  
**2016 CAPITAL BUDGET PROJECT LIST & FUNDING SOURCES**  
(\$000's)

| City Ward   | Project Number | Project Description  | Gross Costs   | External Revenues | Net Costs     | Financing Sources |          |                         |                  |                |          |
|---|----------------|--|---------------|-------------------|---------------|-------------------|----------|-------------------------|------------------|----------------|----------|
|   |                |  |               |                   |               | Dev Charges       | Reserves | Other Internal Revenues | Funding Required | From Operating | Debt Own |
| <b><u>Rehabilitation, Replacement &amp; Upgrade Projects</u></b>    |                |  |               |                   |               |                   |          |                         |                  |                |          |
| City Wide   | 403165522      | State of the Infrastructure - Asset Management                     | 100           | -                 | 100           | -                 | -        | -                       | 100              | 100            | -        |
| 5, 10, 11, 13   | 5181460452     | Shoreline Protection Program                                       | 200           | -                 | 200           | -                 | -        | -                       | 200              | 200            | -        |
| 10  | 5181510501     | Mathers Drive Bank Erosion Control and Slope Stabilization         | 100           | -                 | 100           | -                 | -        | -                       | 100              | 100            | -        |
| City Wide   | 5181555077     | Zoom Camera Inspection - Data Component                            | 380           | -                 | 380           | -                 | -        | -                       | 380              | 380            | -        |
| 4   | 5181560591     | Barton St. Trunk Sewer Rehab - Strathearne to Weir                 | 660           | -                 | 660           | -                 | -        | 300                     | 360              | 360            | -        |
| 15  | 5181572291     | Barton & Hamilton St, Waterdown Storm Sewer Upgrade                | 780           | -                 | 780           | -                 | -        | -                       | 780              | 780            | -        |
| City Wide   | 5181617152     | Roadside Drainage Improvement Program                              | 1,500         | -                 | 1,500         | -                 | -        | -                       | 1,500            | 1,500          | -        |
| City Wide   | 5181617458     | Catch Basin Replacement/Rehabilitation Program                     | 500           | -                 | 500           | -                 | -        | -                       | 500              | 500            | -        |
| City Wide   | 5181617549     | Concrete Box Culvert Rehabilitation/Repair (< 3.0m span)           | 150           | -                 | 150           | -                 | -        | -                       | 150              | 150            | -        |
| 13  | 5181617642     | South Street East Drainage Improvement                             | 160           | -                 | 160           | -                 | -        | -                       | 160              | 160            | -        |
| City Wide   | 5181649555     | QA-QC Service Contract Program                                     | 60            | -                 | 60            | -                 | -        | 60                      | -                | -              | -        |
| City Wide   | 5181655556     | Mapping Update Program   | 70            | -                 | 70            | -                 | -        | 20                      | 50               | 50             | -        |
| City Wide   | 5181660533     | Trenchless Manhole Rehabilitation                                  | 80            | -                 | 80            | -                 | -        | -                       | 80               | 80             | -        |
| City Wide   | 5181660622     | SWM Pond/Creek Maintenance Program                                 | 1,500         | -                 | 1,500         | -                 | -        | -                       | 1,500            | 1,500          | -        |
| 10, 11, 12, 13,   | 5181660722     | Municipal Drain Maintenance Program                                | 100           | 75                | 25            | -                 | -        | -                       | 25               | 25             | -        |
| City Wide   | 5181662073     | Field Data Systems Program   | 100           | -                 | 100           | -                 | -        | 100                     | -                | -              | -        |
| City Wide   | 5181672074     | Contingency for Unscheduled Works Program                          | 150           | -                 | 150           | -                 | -        | 150                     | -                | -              | -        |
| 6, 7  | 5181672650     | West Mountain Sewers - Storm Interceptor a.k.a. "Juggernaut"       | 500           | -                 | 500           | -                 | -        | 500                     | -                | -              | -        |
| 5, 9  | 5181674640     | Battlefield Creek Remediation                                      | 150           | -                 | 150           | -                 | -        | 150                     | -                | -              | -        |
| <b>Sub-Total Rehabilitation, Replacement &amp; Upgrade Projects</b> |                |  | <b>7,240</b>  | <b>75</b>         | <b>7,165</b>  | <b>-</b>          | <b>-</b> | <b>1,280</b>            | <b>5,885</b>     | <b>5,885</b>   | <b>-</b> |
| <b><u>Projects Coordinated with Roads Program</u></b>               |                |  |               |                   |               |                   |          |                         |                  |                |          |
| 4   | 5181672290     | Britannia / Oriole / Adair / Glassco                               | 850           | -                 | 850           | -                 | -        | 850                     | -                | -              | -        |
| 4   | 5181672290     | Parkdale - Barton to Burlington                                    | 410           | -                 | 410           | -                 | -        | 100                     | 310              | 310            | -        |
| <b>Sub-Total Projects Coordinated with Roads Program</b>            |                |  | <b>1,260</b>  | <b>-</b>          | <b>1,260</b>  | <b>-</b>          | <b>-</b> | <b>950</b>              | <b>310</b>       | <b>310</b>     | <b>-</b> |
| <b><u>SERG Projects</u></b>   |                |  |               |                   |               |                   |          |                         |                  |                |          |
| City Wide   | 5181355350     | Storm Event Response Group (SERG) Projects                         | 110           | -                 | 110           | -                 | -        | -                       | 110              | 110            | -        |
| 6   | 5181572295     | SERG - Vern Ames Area Flooding                                     | 420           | -                 | 420           | -                 | -        | -                       | 420              | 420            | -        |
| City Wide   | 5181655075     | SERG - Watershed Project Coordination and Stewardship Action Plans | 500           | -                 | 500           | -                 | -        | 500                     | -                | -              | -        |
| 12  | 5181655420     | Wilson Street Storm water Drainage Upgrades                        | 240           | -                 | 240           | -                 | -        | -                       | 240              | 240            | -        |
| City Wide   | 5181655421     | SERG - Storm water System Planning Program                         | 280           | -                 | 280           | -                 | -        | -                       | 280              | 280            | -        |
| 3   | 5181672259     | SERG - Gage Park Pond  | 1,980         | -                 | 1,980         | -                 | -        | 1,950                   | 30               | 30             | -        |
| <b>Sub-Total SERG Projects</b>                                      |                |  | <b>3,530</b>  | <b>-</b>          | <b>3,530</b>  | <b>-</b>          | <b>-</b> | <b>2,450</b>            | <b>1,080</b>     | <b>1,080</b>   | <b>-</b> |
| <b><u>Development/Extension Projects</u></b>                        |                |  |               |                   |               |                   |          |                         |                  |                |          |
| 7   | 5181672290     | Upper Sherman - Stone Church to LINC                               | 160           | -                 | 160           | 100               | -        | -                       | 60               | 60             | -        |
| City Wide   | 5181680090     | Storm Water Management Program                                     | 4,000         | -                 | 4,000         | 4,000             | -        | -                       | -                | -              | -        |
| 12  | 5181680680     | Big Creek  | 200           | -                 | 200           | 200               | -        | -                       | -                | -              | -        |
| <b>Sub-Total Development/Extension Projects</b>                     |                |  | <b>4,360</b>  | <b>-</b>          | <b>4,360</b>  | <b>4,300</b>      | <b>-</b> | <b>-</b>                | <b>60</b>        | <b>60</b>      | <b>-</b> |
| <b><u>Expansion Projects</u></b>                                    |                |  |               |                   |               |                   |          |                         |                  |                |          |
| 2   | 5181672290     | Central Park   | 80            | -                 | 80            | -                 | -        | -                       | 80               | 80             | -        |
| <b>Sub-Total Expansion Projects</b>                                 |                |  | <b>80</b>     | <b>-</b>          | <b>80</b>     | <b>-</b>          | <b>-</b> | <b>-</b>                | <b>80</b>        | <b>80</b>      | <b>-</b> |
| <b>Total Storm Water Management</b>                                 |                |  | <b>16,470</b> | <b>75</b>         | <b>16,395</b> | <b>4,300</b>      | <b>-</b> | <b>4,680</b>            | <b>7,415</b>     | <b>7,415</b>   | <b>-</b> |