



Engineering & Development Services Completed Projects, 2006-2009 (Excluding Development Projects)

2009- up to end of June

- The reconstruction of Centre St. and McFarland Ave. was completed.
- The Bell Blvd. East Extension and Feedermain design was completed, tendered and awarded and is now under construction.
- A Request for Proposal was prepared, issued and awarded for Construction Administration Services for the Bell Boulevard East Extension.
- Design and tendering for the reconstruction of Ritchie Ave., Stokes St. and Sinclair St. has been completed. The project is now under construction.
- The Farley Ave. / Dundas St. storm sewer was designed and tendered. Construction has been completed.
- The sidewalk construction and repair contract was designed and the tender awarded. Work is currently under way in various locations around the City.
- The watermain infrastructure improvement was designed, tendered and is scheduled to be awarded July 13, 2009. The improvements will take place on McFarland Dr., Harris Cr. and Mount Pleasant Rd.
- The Request for Proposal for professional engineering services for the rehabilitation of Old Madoc Road Bridge has been issued and is scheduled to be awarded on July 13, 2009.
- The 2008 OSIM bridge inspection RFP closed and project awarded to Jewell Engineering and has been completed.
- The streetlighting maintenance contract for the entire city has been prepared and is currently out to tender.
- An RFP was prepared, tendered and awarded to Jewell Engineering for the design and contract administration for the rehabilitation of the Sidney St. Bridge/CNR Overpass and rehab of the intersection of Sidney St. and Moira St. West. The project is currently being designed.
- Applications were submitted to the Government of Canada for the Infrastructure Stimulus Fund for three (3) separate projects; the Provincial Courthouse Neighbourhood Project, the reconstruction of Palmer Rd. and the Dundas St. W. CPR Overpass Rehabilitation Project. Funding was received for the Dundas Street West CPR Overpass Rehabilitation Project.
- The design for the stormwater extension on Palmer Road under the CP Railway was completed and the tender documents are now being prepared.
- The Kelloggs ditch relocation project has been designed and is awaiting the completion of property acquisition prior to contract tendering.
- The design of the reconstruction for Cloverleaf Drive is 85% complete. Special Fees notices have been submitted individually to over forty (40+) property owners and a Public meeting has been scheduled for July 22, 2009.
- Individual Public Information Centers were arranged and staffed for the following projects; Stokes St., Sinclair St., Ritchie Ave and the Loyalist Sanitary Trunk EA.



Engineering & Development Services Completed Projects 2006-2009 (Excluding Development Projects) ...continued

2008

- The 2006 and 2007 Environmental Monitoring Report for the Thurlow Landfill was completed.
- The Granular Activated Carbon material from the final three (3) original filters plus one (1) additional filter was replaced at the Gerry O'Connor Water Treatment Plant.
- Watermain improvements on McFarland Drive were completed.
- Watermains on Adrian St., Chown Cr., Dussek St., Fairway Ave., Greenlawn Ave., Marsh Dr., Mcfee St., Oriole Park Ave. and Safe Blvd. were relined.
- Upgrades to the Adam / Cannifton booster pumping station were completed.
- The 2007 Summary and Annual Reports for the Gerry O'Connor and Point Anne Water Treatments plants were completed.
- The 2007 Annual Performance report for the Belleville Wastewater Treatment facility was completed.
- The environmental assessment for the proposed 600mm feedermain to supplement the supply of water to the northeast industrial park and areas north of the City was completed.
- Consultants were retained to complete an Environmental Assessment study for the trunk sanitary sewer route selection for the Loyalist Secondary Plan Area.
- An RFP was prepared, issued and awarded for detailed design services for the Bell Boulevard Easterly Extension and the first phase of the North-Eastern Feedermain.
- The design and tenders were issued for the Mechanical Screen upgrades and the construction was completed at the Belleville Wastewater Treatment Facility.
- An application was made for Great Lakes Sustainability funding for the monitoring of wet weather flows at the City's Sewage Treatment Plant.
- Construction of the Dundas / Front Street sewage pumping station upgrades began.
- An RFP was prepared, issued and awarded for the detail design of upgrades to the Dundas / Palmer Road sewage pumping station.
- Environmental Assessment Amendment and detail design for the easterly extension of Bell Boulevard over the Moira River were completed and an application was made to the Ministry of Transportation for connecting link funding for the Bell Boulevard / North Front Street intersection portion of the project.
- An agreement was negotiated for the operations of the Belleville Wastewater Treatment Facility
- Pedestrian signals at three (3) intersections were retrofitted with LED signals and two had countdown timers installed; The College Street / North Front Street intersection had audible signals installed.
- Three (3) intersections had the flashing advanced green signals replaced with directional arrow signals.
- RFP's were prepared, issued and awarded for several pieces of equipment.
- Traffic signals were installed at Cascade Boulevard / Sidney Street intersection.
- Two (2) school zone maximum speed when flashing areas were implemented, one on Wallbridge Loyalist Road and one on Sidney Street.



Engineering & Development Services Completed Projects 2006-2009 (Excluding Development Projects) ...continued

- The Belleville Mobility Bus Service contract was reviewed and renewed for three (3) years.
- A City wide Pedestrian crossing study was completed.
- Intersection pedestrian signals (IPS) were installed at the Pinnacle / Campbell Street intersection.
- The replacement of the Hoskins Road Bridge was completed.
- The rehabilitation of eastbound bridge on Hwy No. 2 east of Elmwood Drive was completed.
- Construction of Jane Forrester Park redevelopment commenced and was approximately 65% complete.
- Funding under the Municipal Infrastructure Investment Initiative (MIII) was applied for and was obtained for the reconstruction of South John St., South Church St., South Front St., and South George Street. Construction began on this project.
- The design was completed and tender issued and awarded for the reconstruction of Centre St. and McFarland Dr. complete with curbs and gutters and sidewalk.
- A number of contracts were prepared, issued and awarded for the following; leaf and yard waste, supply of highway salt, Traffic Line markings and tree trimming and removal.
- New sidewalks were completed on Queen Street, Reid Street and Singleton Drive.
- Storm sewer designs were completed for Dundas St W. at Palmer Rd, Ritchie Ave. and Sinclair St. Tenders for Ritchie and Sinclair were over budget and the project could not proceed.
- An application was made and was approved for funding under the Building Canada Fund for sanitary and storm sewer separation projects on Chatham St., Everett St., Frank St., Henry St., Mary St., Purdy St., Ritchie Ave., Sinclair St., Stokes St. and Willard St.
- Two (2) new fully accessible transit busses were acquired.
- Implementation and evaluation of Sunday service commenced. A third bus was added on routes 4 & 5 to eliminate missed transfers and delays during peak periods.
- An application was made for Connecting Link Funding for works on North Front Street in conjunction with the Bell Boulevard Easterly Extension.
- Implementation of the new organizational structure commenced.
- The design for the reconstruction of Cloverleaf Dr. commenced.
- An application was made for funding a Wet Weather Flow Management Study at the Belleville Wastewater Treatment Facility under the Great Lakes Sustainability Fund.
- The design for the reconstruction of Harder Dr. commenced.
- Pre-qualification process for bidders for the Bell Boulevard East Extension project was completed.
- Individual Public Information Centers were arranged and staffed for the 2008 sidewalk contract and the McFarland Dr. and Centre St. reconstruction and the North East Feedermain Route Selection Study.



Engineering & Development Services Completed Projects 2006-2009 (Excluding Development Projects) ...continued

2007

- The 2006 Annual Performance Report for the Belleville Wastewater Treatment Facility was completed.
- Tender prices were higher than expected and only allowed Granular Activated Carbon material from two (2) of the filters to be replaced at the Water Treatment Plant.
- Tenders came in over budget and the project to replace watermains on Graham St., Harris Cr., and Mount Pleasant Rd. could not proceed.
- Watermains on Lattimer St., Newberry St., North St., Southview Ave., Stanley St., Turnbull St., Walmsley Pl. and Wilkie St. were relined.
- The 2006 Summary Reports and Annual Reports were completed for the Gerry O'Connor and Point Anne Water Treatment plants.
- Upgrades for the Adam / Cannifton booster pumping station were designed and construction commenced.
- The evaluation of various routes for the proposed 600mm feedermain to supplement the supply of water to the northeast industrial park and areas north of the City continued.
- Master Storm Water Management Planning for the Loyalist Secondary Planning area continued.
- Design of required upgrades at the headworks of the Belleville Wastewater Treatment Facility were completed.
- An analysis for the Estimated Remaining Site Capacity for the Thurlow Landfill was completed.
- Construction of the Avonlough Road sewage pumping station upgrades began.
- The detail design of required upgrades for the Dundas/Front Street sewage pumping station was completed.
- The extension of Millennium Parkway was completed.
- Dual left turning lanes at Bell Boulevard and North Front Street Intersection were implemented.
- The Environmental Assessment amendment for the easterly extension of Bell Boulevard commenced.
- Traffic signals at Sidney Street and Millennium Parkway intersection were completed.
- Five (5) intersections were completely retrofitted with LED signals.
- Four (4) intersections had the flashing advanced green signals replaced with directional arrow signals.
- Consultants were engaged to complete a pedestrian crossing study.
- The detail design of the Hoskins Road Bridge was completed.
- Detailed design for the eastbound bridge on Hwy No. 2 was completed.
- A consultant was engaged to commence the detailed design for the watermain extension on Highway No. 62.
- Environmental Assessment, Risk Management Plan and Detailed Design for the Jane Forrester Park redevelopment were completed.



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- The following Roads were Slurry Sealed.

Ponton St.	Gordon St.	Yeoman St.	Pepper Ave.
Tripp Ave.	Lingham St.	Moodie St.	Charlotte St.
Hanna Ct.	Avonlough Rd.	Burton St.	Treverton Rd.
Foxton Rd.	Bethany Rd.	Bethal Rd.	
- The following Roads were Triple Surface treated.

Garnet Cr.	Plainfield Circle	Gifford Rd.	Cemetery Rd.
Burns Dr.			
- An asphalt surfacing tender was prepared and issued for Dundas St. W. (Holden to Moira River Bridge) and was rejected by City Council as it was over budget.
- Design for the reconstruction of Centre Street and McFarland Drive complete with curbs and gutters and sidewalk began.
- A contract was issued and completed for concrete sidewalk repairs in various locations.
- New sidewalks were completed on Sidney Street and Cannifton Road Parkway.
- Applied and received funding under the Railway Safety Act for pedestrian crossing improvements.
- Detail Design of storm sewers were completed for Dundas Street West at Palmer Road, Ritchie Avenue and Sinclair Street.
- HVAC repairs were completed at the Belleville Water Building (195 College Street West).
- Two new fully accessible transit buses were acquired.
- Purchased Level 3 System 7 upgrades for the GFI Fare Boxes for Belleville Transit.
- Implementation and evaluation of new transit routes continued and a bus shelter was relocated to a Hastings County property.
- Decommissioning of a 150mm Watermain on Dundas St. E between Bleeker and MacDonald Ave. was completed.
- The reconstruction of Haig Road continued.
- Engineering, design, tender and construction were completed for a sanitary sewer flow problem on Elizabeth Cr. And Cooke Ct.
- A number of fleet equipment/vehicles were tendered and purchased.
- Dundas Street East was resurfaced 45 metres west of Dufferin Ave. to 125 metres east of First St.
- A guiderail was installed on Hoskin Road.
- The 2007 Annual Performance Report for the Belleville Wastewater Treatment Facility was completed.
- Numerous contracts were prepared, issued and awarded for leaf and yard waste collection, supply of highway salt, Traffic Line markings, tree trimming and removal and supply of winter sand.
- Individual Public Information Centers were arranged and staffed for the 2007 sidewalk contract, Hoskins Bridge, the Front Street Pumping Station EA and the Dundas/Palmer Pumping Station EA.



Engineering & Development Services Completed Projects 2006-2009 (Excluding Development Projects) ...continued

2006

- The 2004 and 2005 Environmental Monitoring Program Report for the Thurlow Landfill was completed.
- The Granular Activated Carbon material from the final two (2) original carbon filters were replaced at the Gerry O'Conner Water Treatment Plant.
- Watermains on Pine St., Golfdale Rd. and Haig Rd. were replaced.
- Watermains on College St. W., Conger Place, Moira St. W., Elgin St., Harris Cr., Harvest Cr., Gilbert St., Pepper Ave. and Tripp Ave. were relined.
- The 2005 Annual and Summary reports for the Gerry O'Connor and Point Anne water treatment plants were completed.
- A study of the Adam / Cannifton booster pumping station was completed and the recommended upgrades were taken to the design stage.
- A Consultant was engaged to complete an Environmental Assessment and evaluate various routes for the proposed 600mm feedermain to supplement the supply of water to the northeast industrial park and areas north of the City.
- Numerous Belleville Transit initiatives were undertaken including Loyalist Semester Pass reduced rate, War Veteran Passes, monthly statistics and route improvements.
- A Consultant was engaged to develop a "Master Storm Water Management Plan" for the Loyalist Secondary Planning area.
- Prepared a tender and awarded a contract for the Cleaning and CCTV Inspection of sanitary and storm sewers.
- The Sewage Pumping Station Review was completed for the Front St. and Dundas/Palmer sewage pumping stations.
- A tender was prepared and awarded for streetlight maintenance and replacement for the Thurlow Ward.
- A Consultant was engaged to pre-design the upgrades to the Mechanical screens at the headworks of the Belleville Wastewater Treatment Facility.
- Design was completed and the construction of the Avonlough Rd. sewage pumping station upgrades began.
- A contract was completed for the supply and installation of a fire suppression sprinkler system in the vehicle storage area at the Public Works Yards.
- A consultant was engaged to complete the detail design of the required upgrades for the Dundas/Front St. sewage pumping station.
- The design and tender was completed and the construction of the extension of Millennium Parkway began.
- Preliminary design for dual left turning lanes at Bell Blvd and N. Front St. Intersection was completed.
- Completed Belleville Transit and Mobility Bus Asset management and Growth Plans.
- Detailed Design for traffic signals at Sidney St. and Millennium Parkway intersection was completed.
- Street lighting on Bird Cr., Thurlow Dr. and on Maitland Dr. between Sidney St. and Hwy 62 was completed.
- The design, tender and construction for the Burns Drive Bridge replacement was completed



Engineering & Development Services Completed Projects 2006-2009 (Excluding Development Projects) ...continued

- An RFP was issued and a consultant was engaged to complete the design of the rehabilitation required for the eastbound bridge on Hwy No. 2 east of Elmwood Dr.
- An RFP was issued and a consultant was retained to complete the design for the reconstruction of the Hoskin Road Bridge.
- The following roads were Slurry Sealed.

Alfred Dr.	Union St.	Selena Ave.	Leland Ave.
Strathcona Dr.	Dafoe St.	S. John St.	Glen Rd.
Mt. Pleasant Rd.	Dufferin Ave.	Albert St.	Wilkins St.
Greene St.			
- The following Roads were Double Surface treated.
Hall Settlement Rd. Leslie Rd.
- The 2005 Annual Performance Report for the Belleville Wastewater Treatment Facility was completed.
- The following Roads were Triple surface treated.

Fox Lane	River Rd. N.	Sills Rd.	Phillipston Rd.
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- The reconstruction of Haig Road with 2 traffic and 1 parking lane complete with curb and gutter, sidewalk and watermain began.
- New sidewalks were completed on Sidney St. from College St. W. to Parkdale Dr.
- Numerous contracts were prepared and awarded for Traffic Line markings, leaf and yard waste, supply of highway salt, supply of sand, tree trimming and removal and equipment purchases.
- Construction of the Dufferin Avenue storm sewer was completed between Queen Street and Pine Street.
- Three (3) local improvement projects for watermain extensions were processed for Wallbridge Loyalist Road, Dundas St. W. and Herchimer Ave.
- One new fully accessible transit bus and one mobility bus was acquired.
- Implementation and evaluation of new transit routes was completed.
- A substantial section of guiderail was installed on River Road.
- Ventilation and alarm system improvements were completed at the Transit Maintenance Garage.
- The CN Weldshop Sewage Lift Station forcemain was relocated to accommodate the Kelloggs plant.
- The 2006 OSIM Bridge Inspection Reports completed.
- Individual Public Information Centers were arranged and staffed for the Haig Rd. reconstruction, the 2006 sidewalk contract, Burns Drive Bridge replacement and the South Foster Ave. storm water management EA.