



Northwest Sanitary Trunk Sewer Project
 City of Kawartha Lakes
 DESIGN / CONSTRUCTION ISSUES OUTSTANDING EXCLUDING APPROVALS

Initial Report: May 30, 2011
 Version 2: June 13, 2011
 Version 3: June 16 to Version 10: August 11, 2011
 Version 11: August 30, 2011
 Version 12: September 19, 2011
 Version 13: October 4, 2011

The following order is based on chronological tender period / contract award dates.		Action	Timing	Comments
CONTRACT 4 - GRAVITY SEWER				
1	Mason Easements	City	Ongoing	New Mason agreement requires consultation on SPS exterior features. Pipe install authorized with "Escrow" status for easement registration. This is subject to pumping station design review.
2	Road Closures	City to authorize	Resolved	City has confirmed process via form supplied to Stantec. Contractor aware of City requirements. Colborne pending for week of October 10.
3	Loblaws access permission	City/ DU	URGENT	Land now being purchased by City. Appraisals being done. Drawings and geotechnical report have been provided to Loblaw's engineer.. Jeff working to respond to Loblaws engineer; but it appears to be financial. This work can't be done by October 31 now for funding.
4	Sewer displacement material (9,000 m ³) to be disposed on Mason Lands in SPS site	SCL	Resolved	Contractor to place surplus sewer spoil on SPS pad. Chemical testing required by Soil Engineers. Material is acceptable for fill on SPS. Soil Engineers has indicated what material is acceptable on a pumping station land use. City has indicated Table 3 is suitable (non-potable water designation)If Loblaws and McLaughlin road not done now, the fill won't be available.
5	Decommissioning of existing sewer on Mason land and removal of easement	City	Ongoing	Part of City negotiations re land package and development. No change
6	Access to Plaza on McLaughlin (Swiss Chalet)	SCL	Pending	The system does not have has sufficient gradient to make change to trenchless. Stantec and Jeff Seaton to review alternative access to plaza. North Rock to provide access plan before further investigation.
7	Wilson Fields	SCL	Resolved	Potential start date was October 3, 2011. This is now pending progress that will be made with Wilson Field and Mason section. CO pending due to irrigation pipe exposed. Should cross Colborne week of Oct 10. Stripping of field same week.
8	Sewer Progress	SCL	Ongoing	Orsi sewer will cost more now due to rock. Only installed the first leg to MH22A. No further work to be done on Orsi sewer until further notice as Orsi not responding to City. Saturday work approved, started October 8.
CONTRACT 2 - GRAVITY SEWER & FORCEMAIN (DUNSTER/STIRLING BRIDGE):				
1	House structural surveys 'pre construction'	SCL/City	Resolved	These are part of tender (at 20 units) but about 100 houses were done. A communication was sent to homeowners advising of the intent. OZA inspection almost complete.
2	City trail between Dunster and Stirling Bridge	City / SCL	Pending	Closure required during pipe installations across trail only - Traffic controls for trail user safety implemented during earthworks. Likely two fiber optic cables on trail (one owned by City to connect Service Centers and one Cable/Cable). Contract and Cable/Cable are coordinating lowering and locates. Crossing was expected week of October 4. This now week of Oct 17.
3	Easements	City	ASAP Pending	Easement finalization held back Bray. Permission to enter for brushing and grading in place August 25/11 but no pipe installation permission signed from Dunster. Enter for Pipe install signed from Stirling Bridge. Roger is prepared to confirm access for sewers as and when required.
4	Laterals	City/SCL	Ongoing	Agreement from Dunster to pay for laterals per Bray tender cost and short stub sewer at 2 future intersections per C.O. (need wording in Easement). Stantec awaiting elevation information from Dunster's engineer and will remind G Cook of the required information.
5	Stub sewers future NS roads on Dunster	City	Resolved	City directed Stantec to revise this to stubs to easement limit, no manholes or laterals. Also to reduce contract quantity to 84 laterals for Dunster. CO 2-2 to document this.
6	Lindsay St North		Ongoing	Jeff Seaton cautioned that rubble may be encountered in excavation and a bin should likely be onsite. Organics yet to be found. Organics must go to a licensed landfill while rubble to go to landfill.
7	Progress		Ongoing	Saturday work approved, started Oct 1. Lindsay Street N going slow due to discovery of existing abandoned sewers requiring revised design twice. Earthworks ongoing.
CONTRACT 3 - FORCEMAIN (ST. JOSEPH):				
1	Road Closures	City	Pending	Contractor has applied to City and is being processed.
2	Resident notification of pending work	City	Resolved	OZA has completed inspections.
3	Emergency Access to Lang Court off Angeline	SCL	Resolved	Access off Angeline at Lang Court being installed with property owner's permission.
4	Contractors schedule and drill Plan			HDD to start October 3rd. Open cut on Angeline pending resolution of how to deal with existing services.

CONTRACT 5 - JENNINGS CREEK PUMPING STATION				
1	Pumping Station Design	SCL/City	ASAP	MOE application package submitted to city for signature and cheque on August 25/11. Tender period pending redesign of PS building being done to improve aesthetics. Peer review done. Revised documents back to Associated Eng for resolution. This should take place Oct 4. City Environmental Services working with Jeff Seaton on design aspects, to be confirmed before Stantec can finalize.
2	Easement	City/DU	Resolved	City and Mason have language in easement agreement. Mason to input into Architectural and Landscaping drawings.
3	Noise abatement added May 20 th by the City	SCL	Resolved	To be done as part of C of A for Air and Noise Screening
4	Hydro supply	City / SCL/DU		Aerial line to service the SPS is the most feasible option at this time. DU exploring opportunities with Cole and participating landowners. UPDATE required.
5	Tender	SCL		Projected tender date objective was for mid-October dependent on final design resolution. This will be delayed.
CONTRACT 1 - FORCEMAIN / SCUGOG CROSSING:				
1	Garbage Removal, City doing in advance	City/Golder	Ongoing	Garbage must be removed first by City/Golder Tender going out through City Environmental Services group.
2	Forcemain alignment	City	Ongoing	Alignment of forcemain subject to approvals of location of east push pit which is pending Golder work regarding garbage.
3	CEA Issues / Ian Drever letter	City/SCL	Resolved	The MOE has approved Schedule A+ for second pipe across river, but also requests that a project file revision to cover the change in alignment and discovery of PCB contaminated Sediments – This file revision will be subject to MCEA Schedule B 30 day review period.
4	Review river crossing design with geotechnical information and garbage issue.	SCL	ASAP	City to approve 'ground penetrating radar' proposal pending from SCL. Permitability and Confidence assessment ongoing. Tunnel appears less cost than HDD, but leachate and PCB concerns require further review vs. approval agencies' concern with potential for HDD 'frac out' occurrences.
5	Re-work the plumbing of LSNPS connection and valving outside PS	SCL	Pending	Design ETC June 3/10. City approved design CO.
6	Land ownership and easements	City	Ongoing	Subject to negotiations. City/Legal pursuing.
CONTRACT 6 – MOOSE ROAD TO UNIROYAL LIFT STATION				
1		City/SCL	Future	To be done when all work of C1 to C6 is commissioned.
MISCELLANEOUS:				
1	Legal monumentation	City / OLS	Ongoing	Timing critical for Contracts 2 (Dunster) and 4 (Loblaws) still an issue to occupy or to lay pipe.
2	Geotechnical consultant for construction	City/SCL	Pending	Materials testing consultant required for C5.
3	PTTW	SCL	Pending	Two areas of main concern are Contract 5 and dewatering required for Contract 1, West bank push pit PTTW application required for both. Require qualified person, plus a reasonable idea of where and how much re dewatering. Application needs owner's sign off if submitted prior to City ownership or easement finalization.
4	Construction Cost/Schedule	Stantec	Ongoing	Stantec continue to monitor/predict expenditures to October 31/11 for ISF Funding. Updates done now that C2 and C3 commencement confirmed, with revised contractor's schedule. Delays reduce costs spent to October 31 but it appears that target of 5 million dollars will be spent. Overtime was approved for Saturdays for C2, C3 and C4. City was hoping to have tendered contracts for SPS to gain commitment of full funding. Ongoing design characteristic changes will delay this.