

C12-22-13(H) Beckett Drive (Queen St. Hill) Reconstruction

Time line regarding the Beckett Drive Design and Construction to present day

2012

- September 12th Project scope given to Design PM.
- September 19th First meeting with consultant to review the proposed functional design status and have them go forward with the final design.
- October 3rd Species At Risk (SAR) Screening Proposal received from consultant and given the go ahead.
- October 4th GEO request received from consultant
- November 17th GEO works completed onsite
- November 21st SAR not yet finalized but signs of butternut tree are known, thought to be potential hybrids (at that time).
- December 11th City Contacts the Niagara Escarpment Commission (NEC) to advised them of the project and establish any requirements/submissions the NEC requires to move forward.
- December 13th NEC provides information into what should be sent to them for review and comments.
- December 17th SAR submitted by the City to the Ministry of Natural Resources (MNR) for review/ comments.

2013

- January 4th MNR advises the city that the SAR report is clear of all species except the Butternut trees and advises that the City retain a consultant to move forward with further study of the possible Butternut trees.
- January 10th It was determined that another consultant would needed to be used for the Butternut assessments.
- February 21th Dougan and Associates brought on to job to complete Tree inventory and help with Butternut Trees location/assessment.
- March 1st City Survey Dept. has been out completing the Tree inventory survey and state that they have completed 800 trees today with approximately 1,200 more to go.
- March 5th DOUGAN met with City and City Survey Crew on site
- March 25th DNA testing to be completed for True/Hybrid Butternut

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March 28 th	NEC advises the City that Beckett project is exempt and does not require NEC approvals.
April 24 th	Hamilton Conservation Authority confirms that they have no jurisdiction over Beckett Dr. and no longer require any further input into the project.
April 29 th	Contract out to tender.
April 30 th	DOUGAN has issues with correlating their hand held GPS data to our surveyed data. Creates delay in coordinating works for submission to the MNR.
May 13 th	Tender Closes – A1 Asphalt the Lowest Bid Contractor.
May 5 th	MNR contacted regarding butternut location
May 13 th	Nesting Bird Review requested from DOUGAN
May 27 th	Pre Con Meeting
May 27 th	DNA testing returned from the MNR and it is determined that all trees sampled are true Butternut tree. MNR advises that a Butternut Health assessment be undertaken of all the trees to determine their value and if they should be retained and protected.
May 30 th	Trees are mapped with a 25m radius which contractor cannot work including station and drawings. MNR approval is needed to work in the 25 m. City awaiting MNR on how to proceed. Contractor able to work in limited locations.
May 31 st	DOUGAN Nesting Bird survey indicates that there are no nesting birds currently present on site, no impact to construction
June 3 rd	Construction Start Date
June 10 th	Butternut Health Assessment sent to MNR by City for review and comments.
June 14 th	Problems with the proposed wall design and depth of existing steel bin walls not matching was identified.
June 18 th	MNR Senior Arborist meets on site to discuss the Butternut trees. 7 trees are on site are deemed to be retainable and must be protected or planted. City not work within the 25 m radius
June 26 th	MRN expressed its concern for an individual tree at station 6+15 (Tree #907) which is found to be showing resistance to the Butternut Canker and is classified as “Archival”.
June 26 th	Stabilization Analyses completed for portion of the RSS Wall and determined an extension is required section of RSS Wall
June 27 th	MNR advises City that all Butternut Trees can be dealt with under a Butternut Planting Plan which can include tree (#907) if construction

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	practices will not kill the tree with its close proximity. Planting Plan must be submitted before July 1, when OReg's change and the process would have to start over.
June 28 th	Butternut Planting Plan submitted and approved by MNR District Manager. Methods of completing the works around the tree are being finalized and to be conveyed to MNR for approval to ensure the safety of Tree# 907.
July 2 nd	MNR approved tree planting and 25m radius lifted from 7 trees. City must show that the design will not damage tree 907
July 17 th	Bore holes are completed to determine option for structural design to avoid damage to tree roots at tree #907. No tree roots are found under the road base or the area for the proposed structure.
July 19 th	Summation of Proposal of work around tree 907 submitted to MNR with layout showing no tree roots in the proposed area.
July 24 th	Site held meeting to discuss changes to wall design and additional work requiring caisson design. Discussion of Completion date change to Mid-October.
July 26 th	Meeting with City Staff to discuss the Change in Completion date of the Contract to October 18 th .
July 31 st	MNR give approval to construct the proposed wall given that they will not affect the tree. City is clear to move forward with construction in front of Tree #907 as outlined in the email to the MNR.