

vivaNext ACTIVITIES – BUS RAPID TRANSIT RAPIDWAYS		
Work Program	Tasks	Activities during December 2008
Program Management	<ul style="list-style-type: none"> • Program and project management • Project controls and administration 	<ul style="list-style-type: none"> • Provided senior management support to YRRTC. • Maintained and updated project work schedules. • Maintained cost control, accounting and document management. • Addressed contingency task requirements. • Continued planning and preparatory work for the office relocation including attending status update meetings with YRRTC and Straticom.
Communications	<ul style="list-style-type: none"> • Assist YRRTC with developing and implementing the Communications Plan • Provide support to media releases, website updates and newspaper articles • Develop presentations 	<ul style="list-style-type: none"> • Continued development of collateral material. • Continued website updates to vivayork.com. • Continued update of Y2H3 schedule of communications activities in the context of the overall vivaNext communications plan and strategy. • Developed and posted (uploaded) meeting details, the webcast and the interactive presentation results from the December 2008 Toronto Yonge Subway, Public Consultation to vivayork.com. • Updated presentation archive. • Continued additions and updates to questions and response (FAQ) database.
Environmental Assessment Activities	<ul style="list-style-type: none"> • Complete the North Yonge Environmental Assessment • Provide advice regarding EA amendments and prepare documentation • Provide ongoing advice regarding EA issues 	<p>North Yonge EA Study</p> <ul style="list-style-type: none"> • Finalized the effects assessment for inclusion into the final Environmental Study Report, addressing comments from the draft circulation to agencies and other stakeholders. • Completed printing of the final ESR and Appendices, and distributed to agencies and viewing locations to commence the formal review period.
Engineering and Facilities Activities – Y2 and H3 segments	<ul style="list-style-type: none"> • Develop conceptual design alternatives for platforms, rapidways, terminals and stations • Prepare technical reports (design criteria, outline specifications, pavement 	<p>Design Criteria and Engineering Investigations</p> <ul style="list-style-type: none"> • Continued development of Design Basis Report for Y2 • Finalized the draft Drainage Reports for the H3 section from Highway 404 to Warden Avenue and Y2 for submission. • Continued to refine station elements and incorporated revisions to platform and canopy design. • Received comments from the OE on the draft Traffic Reports and commenced

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Engineering and Facilities Activities – Y2 and H3 segments (cont'd)	<p>reports, geotechnical reports, drainage reports, traffic/intelligent transportation systems).</p> <ul style="list-style-type: none"> • Prepare preliminary engineering design drawings • Prepare Capital Cost Estimate and Risk Assessment • Identify utility relocations and property impacts 	<p>revisions and responses.</p> <p>Utility Identification and Coordination</p> <ul style="list-style-type: none"> • Held meeting with PowerStream to discuss H3 pricing and to request Y2 pricing information. • Updated the summary of identified conflicts, proposed utility development and relocation plans, as received. <p>Road and Rapidway Design – Y2 Segment</p> <ul style="list-style-type: none"> • Continued developing the PE drawings incorporating findings from technical investigations. • Continued drainage system modifications based on Drainage Report findings. • Continued development of rapidway preliminary engineering drawings. <p>Road and Rapidway Design – H3 Segment</p> <ul style="list-style-type: none"> • Continued developing the PE drawings incorporating findings from technical investigations. • Continued investigation of rapidway alternatives at Highway 404. • Received and began addressing Owner’s Engineer comments on draft PE drawings for the section from Yonge Street to Town Centre Boulevard. • Provided additional information to IBM on alignment alternatives. • Continued compilation of outline specifications and staging drawings. • Organized and facilitated the second risk assessment workshop and updated the risk registry. • Continued development of the capital cost budget estimate. <p>Transportation Planning/Operational Reviews</p> <ul style="list-style-type: none"> • Provided estimates of segment H1 time savings to York Region. • Prepared advice on applicability and value of passing lanes at vivastations and bi-articulated buses.
Engineering and Facilities Activities – H2 segment	<ul style="list-style-type: none"> • Complete operational planning and pre-design reviews to confirm 	<ul style="list-style-type: none"> • Continued to add existing conditions to base mapping including drainage infrastructure and utility information, as it was received. • Continued to refine the alignment based on comments received at the constraints

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	rapidway configuration. <ul style="list-style-type: none"> • Develop options for integration with the Spadina Subway. • Develop conceptual design alternatives for rapidways and stations 	review meeting. <ul style="list-style-type: none"> • Met with YRRTC and the OE to review alternatives for the Centre Street segment and continued with analysis and evaluation. • Continued operational planning studies for rapidway sections on Highway 7 and Centre Street.
Engineering and Facilities Activities – Y3-D1-G1 segment	<ul style="list-style-type: none"> • Develop conceptual design alternatives for rapidways and stations 	<ul style="list-style-type: none"> • Continued concept design and collection of utility information for the Davis Drive (D1) corridor based on final plans and profiles included in the North Yonge EA. • Completed field review of existing drainage culvert to be extended as part of D1 corridor. • Held initial meetings with YRRTC, the OE and York Region Property Services to review anticipated property takings and easement requirements. • Began preparation of property taking plans. • Met with YRRTC and the OE to discuss the proposed work program for preliminary engineering of the Y3 corridor (Mulock Drive to Davis Drive) and the D1 corridor and commenced preparation of a detailed technical and fee proposal.
Engineering and Facilities Activities – Markham Centre (Enterprise) segment	<ul style="list-style-type: none"> • Develop preliminary designs for rapidway, platforms and station • Integrate proposed rapidway design work with ongoing Markham Civic Mall planning and design activities • Prepare Capital Cost Estimate and Risk Assessment 	<ul style="list-style-type: none"> • Finalized and submitted the preliminary engineering drawings including responses to comments from the OE. • Reviewed alternative procurement strategies with YRRTC and the OE for Phase 2 and 3 design-build contracts. • Updated implementation schedules and cost estimates. • Prepared architectural and structural specifications for the canopy. • Commenced detail design of the station and canopy. • Presented initial findings of the environmental review and testing of the canopy design to YRRTC and the OE.

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Engineering and Facilities Activities – Cornell Terminal Engineering and Facilities Activities – Cornell Terminal (cont'd)	<ul style="list-style-type: none"> • Develop conceptual design alternatives for terminal, access and parking requirements • Prepare Block Plan and Site Plan documents • Prepare preliminary budget cost estimate • Evaluate alternative delivery strategies 	<ul style="list-style-type: none"> • Continued to refine Master Plan layouts options based on comments from YRRTC and the Developer in anticipation of workshops in January 2009.
Engineering and Facilities Activities – Phase 1 Capital Enhancements	<ul style="list-style-type: none"> • Design of additional Phase 1 Vivastations • Improvements to existing facilities • Operational studies 	<p>Savage Road Vivastation</p> <ul style="list-style-type: none"> • Submitted final engineering drawings for Savage Road Viva station to the OE for review and comment. <p>Transit Signal Priority Improvements</p> <ul style="list-style-type: none"> • Conducted further analysis. • Commenced consolidation of findings into a technical memo for York Region review and action.
Other Ongoing Studies	<ul style="list-style-type: none"> • Respond to YRRTC as requested. 	<p>Park and Ride Strategy</p> <ul style="list-style-type: none"> • Continued with the site evaluation process. <p>Metrolinx AFP Support</p> <ul style="list-style-type: none"> • Continued to provide demand modelling, cost estimates and other assistance as requested by YRRTC.
2008 Construction Program		<p>Jefferson Sideroad Vivastation</p> <ul style="list-style-type: none"> • Prepared as-built drawings for Jefferson Sideroad Vivastation. <p>Enterprise (Markham Civic Mall) Segment Phase 1</p>

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		<ul style="list-style-type: none"> • Completed design and commenced construction of the Phase 1 contract. Approximately half of the drainage installation has been completed to December's month end. • Continued to liaise with the developer (Remington Group) regarding site access and other construction coordination activities.