

## **2**

### **VIVA PROGRESS REPORT June 2005**

**The Rapid Transit Public/Private Partnership Steering Committee recommends the following;**

- 1. The presentation by M.F. Turner, Vice President, York Region Rapid Transit Corporation, be received; and**
- 2. The recommendation contained in the following report June 8, 2005, from the Vice President, York Region Rapid Transit Corporation be adopted:**

#### **1. RECOMMENDATION**

It is recommended that this report be received for information.

#### **2. PURPOSE**

This report provides a detailed description of the progress made in delivering the York Region Rapid Transit Plan during May 2005.

#### **3. BACKGROUND**

The June 27, 2002 contract, as amended, required York Consortium 2002 (YC2002) to file monthly progress reports with York Region.

#### **4. ANALYSIS AND OPTIONS**

##### **4.1 Year One Work Plan**

The original Stage One (Year One) agreement entered into between York Region and YC2002 in June 2002 is illustrated in Table 1. The majority of the Stage One work plan components are complete and the only outstanding work, which continues, relates to the Environmental Assessments (EA's), and the current status of each is summarized below.

##### **4.1.1 South Yonge Corridor and Highway 7 Corridor / Vaughan North-South Link**

After updating to incorporate Government Review Team comments, the final reports will be submitted to MOE at the end of June.

Approval of both Yonge and Highway 7 EAs can be expected early in 2006 as the regulated maximum 30-week period is required for the MOE and the public approval process.

#### **4.1.2 Markham North-South Link**

The final public consultation was conducted in early May and draft EA Report pre-submission circulation is planned for the end of June, with final report submission to MOE by August 2005. EA Study approval is expected in spring 2006.

#### **4.1.3 North Yonge Corridor**

MOE approval of the Terms of Reference is due in early July. Phase I (Alternatives to the Undertaking) of the EA Study itself is continuing towards completion by the end of July. The first public consultation during the subsequent EA study phases is planned for early September, subject to the next phase of the Viva work program.

#### **4.2 Viva Phase 1 Design-Build Contract**

Kiewit / Ellis Don anticipates billing 59.4% against the Viva Phase 1 Design-Build GMP contract with a revised value of \$69.9 million at the end of May 2005. A number of change orders have been processed to date for the Design-Build contract and further orders are anticipated. Some change orders represent an increase in the GMP while others represent a decrease. Overall, the total change orders are anticipated within the \$150 million budget by utilizing the contingency amount that had been reserved. Design-Build activities during May are described in Table 1.

**Table 1**  
Viva Phase 1 Design-Build Contract

| <b>Component</b>       | <b>Activity</b>                                                                                                                                                                                                                                                                                                                                                          | <b>Progress</b>                                                                                      |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| <b>Detailed Design</b> |                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                      |
| Intersections          | <ul style="list-style-type: none"><li>• All stops on the system at issued for construction stage. The last 2 work permits required for Toronto are anticipated by the end of June.</li><li>• Viva stations and fare equipment in heritage areas have been finalized and approved by applicable municipalities.</li></ul>                                                 | <ul style="list-style-type: none"><li>• Over 95% Complete</li></ul>                                  |
| Terminals              | <ul style="list-style-type: none"><li>• Finch Terminal: Interior renovation plans are complete.</li><li>• Newmarket Terminal: Exterior design completed in May. Interior design work is being handled by GO.</li><li>• York University: YRTP platform concept approved. Numerous requirements for custom colours and signage have been accommodated by York U.</li></ul> | <ul style="list-style-type: none"><li>• Complete</li><li>• KED complete</li><li>• Complete</li></ul> |

| Component                                                                         | Activity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Progress                                                      |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
|                                                                                   | Remaining design issues were completed in May.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                               |
| <b>Fare Collection Equipment</b><br><br><b>Fare Collection Equipment (cont'd)</b> | <ul style="list-style-type: none"> <li>Prototypes of Fare equipment have been manufactured. A shop visit was conducted in early May. KED and the Region reviewed the working prototypes of the OneRide and VivaNow machines.</li> <li>System Design Documents (SDS's) have been issued for each component of the Fare Collection system. The Region is currently reviewing the SDS for the Revenue Management Software (RMS) System.</li> <li>Factory testing of the RMS will take place in mid-June.</li> </ul>                                                                                     | <ul style="list-style-type: none"> <li>On Schedule</li> </ul> |
| <b>ITS</b>                                                                        | <ul style="list-style-type: none"> <li>The new central control hardware and software (supplied by Init) is installed in the newly constructed ITCC. The INIT software is now up and running and Viva project particulars are currently being input.</li> <li>Variable Message Signs (VMS) have been manufactured and first delivery was made in late May.</li> <li>Testing of 'in-vehicle' INIT equipment will be performed again by INIT on vehicles as they are delivered.</li> <li>On-site testing of ITS systems is being developed and will continue after delivery of new vehicles.</li> </ul> | <ul style="list-style-type: none"> <li>On Schedule</li> </ul> |
| <b>Transit Signal Priority (TSP)</b>                                              | <ul style="list-style-type: none"> <li>Technical information on TSP has been submitted to the Ministry of Transportation (MTO) and to certain local municipalities.</li> <li>KED and IBI have met with MTO to discuss the implementation of TSP and further information has been requested by MTO.</li> <li>KED and IBI will follow up with municipalities and meet as required to satisfy questions and concerns over TSP.</li> <li>Upgrades to existing traffic signal controllers and emergency vehicle detectors (for TSP) are now, for the most part complete.</li> </ul>                       | <ul style="list-style-type: none"> <li>On Schedule</li> </ul> |

| Component                              | Activity                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Progress                                                                                                  |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Construction</b>                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                           |
| Stops                                  | <ul style="list-style-type: none"> <li>• Civil work is complete at 75 Stops and has commenced at 9 more Stops.</li> </ul>                                                                                                                                                                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>• On Schedule</li> </ul>                                           |
| Terminals                              | <ul style="list-style-type: none"> <li>• Finch Terminal: Interior construction is progressing well and no delay is anticipated. Exterior modifications contract has been awarded and civil work will begin in mid-June and be completed by July 20th. Canopy construction will commence in early September. KED will install outside equipment between the two GO-related construction activities. Anticipated completion for VIVA area is September.</li> </ul> | <ul style="list-style-type: none"> <li>• Interior work on Schedule</li> <li>• Exterior delayed</li> </ul> |
| <b>Construction Terminals (cont'd)</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                           |
|                                        | <ul style="list-style-type: none"> <li>• Richmond Hill Centre Terminal: Civil work is anticipated to be completed by the end of June, excluding landscaping features. Platform work is anticipated to be 90% completed by the end of June.</li> </ul>                                                                                                                                                                                                            | <ul style="list-style-type: none"> <li>• On Schedule</li> </ul>                                           |
|                                        | <ul style="list-style-type: none"> <li>• Newmarket Terminal: Exterior construction is anticipated for a late June start with KED forces. Interior construction is anticipated for an August start with GO forces. Meetings will be held to co-ordinate construction activities.</li> </ul>                                                                                                                                                                       | <ul style="list-style-type: none"> <li>• On Schedule</li> </ul>                                           |
|                                        | <ul style="list-style-type: none"> <li>• York University: Civil work commenced in late May and is anticipated to be completed in late June. Shelters, modules and fins will be installed in early July.</li> </ul>                                                                                                                                                                                                                                               | <ul style="list-style-type: none"> <li>• On Schedule</li> </ul>                                           |
|                                        | <ul style="list-style-type: none"> <li>• Bernard Terminal: Civil work is to commence in early June and completion is anticipated by the end of June.</li> </ul>                                                                                                                                                                                                                                                                                                  | <ul style="list-style-type: none"> <li>• On Schedule</li> </ul>                                           |
| Stations                               | <ul style="list-style-type: none"> <li>• Stations, and fin and module installation continues.</li> </ul>                                                                                                                                                                                                                                                                                                                                                         | <ul style="list-style-type: none"> <li>• On Schedule</li> </ul>                                           |
| Interim Transit Control Centre         | <ul style="list-style-type: none"> <li>• Construction is completed. A few minor deficiencies are outstanding and correction continues. Viva equipment that was being evaluated at 1 West Pearce Street is now installed and functional at the ITCC.</li> </ul>                                                                                                                                                                                                   | <ul style="list-style-type: none"> <li>• On Schedule</li> </ul>                                           |

### 4.3 Viva Phase 1 Vehicle Contract

A contract was entered into with Van Hool on March 24, 2004 for the purchase of 22 sixty-foot vehicles and 55 forty-foot vehicles and the option to purchase the 3 additional sixty-foot vehicles and 5 additional forty-foot vehicles has been exercised. The first 60 foot vehicle was shipped out of Belgium on April 28<sup>th</sup> and arrived May 19<sup>th</sup>. Seven more vehicles were in transit from Belgium during May. The first 40 foot vehicle is scheduled to arrive the second week of June. The vehicle manufacturer is scheduled to meet the delivery targets required to achieve the scheduled route start up dates. The only remaining work on the vehicles is to finalize the interior decals.

### 4.4 Viva Phase 1 Support Activities

The activities and accomplishments for May 2005 that relate to operations and maintenance, communications and interface planning support for the Viva Phase 1 project are described in Table 2.

**Table 2**  
Viva Phase 1 Operations & Maintenance Related Support

| Component                                                                   | Activity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Procurement of Vehicle O&amp;M Contractor</b>                            | <ul style="list-style-type: none"> <li>• The O&amp;M Contract will be executed in June 2005.</li> <li>• Connex has assembled their management team in York Region.</li> <li>• Mobilization meetings with Connex are held weekly and work is underway according to plan.</li> <li>• Connex has commenced advertising for drivers.</li> </ul>                                                                                                                                                                  |
| <b>Off-Board Fare Equipment</b>                                             | <ul style="list-style-type: none"> <li>• Servicing of Fare Equipment was under negotiation. Fare Collection tender has been issued and closed. Five tenders were received.</li> </ul>                                                                                                                                                                                                                                                                                                                        |
| <b>Viva Phase 1 O&amp;M Facilities</b><br>Newmarket<br>Maintenance Facility | <ul style="list-style-type: none"> <li>• Connex has entered into a lease agreement with the Region for the Newmarket facility.</li> <li>• Improvements needed to achieve the temporary occupancy permit are completed. Full occupancy can be achieved once rooftop air units are installed.</li> <li>• The asphaltting of the exterior yard and second exit was finished the week of May 16<sup>th</sup> under budget and on time for the delivery of the first Viva Rapid Transit Vehicle (RTV).</li> </ul> |
| <b>Transit Agency Technical Meetings</b><br>GO Transit Technical Meetings   | <p>Finch, Langstaff, and Newmarket Terminals:</p> <p><b>Finch:</b></p> <ul style="list-style-type: none"> <li>• Contract has been awarded – GO-related construction begins in mid June.</li> </ul>                                                                                                                                                                                                                                                                                                           |

| Component | Activity                                                                                                                                                                                                                                                                                                                                                                     |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           | <p><b>Langstaff:</b></p> <ul style="list-style-type: none"><li>· Continuing preliminary engineering design of pedestrian bridge. Construction of terminal continues.</li></ul> <p><b>Newmarket:</b></p> <ul style="list-style-type: none"><li>· GO provided comments regarding the design, which have been incorporated and the design has been resubmitted to GO.</li></ul> |

#### **4.4.1 Fare Policy**

A complete review of the final Viva Phase 1 fare policies and procedures is the topic of a separate item on this agenda.

#### **4.4.2 Markham-Stouffville Hospital**

With respect to a transit facility in Cornell, the York Region Rapid Transit Corporation (Rapidco) and YRT met with the Town of Markham and Markham-Stouffville Hospital staff and the Town staff in May to provide transit-planning support to the master planning work for the Hospital as well as the town's new plans for an intensified Cornell Centre in Cornell on Highway 7. Rapidco and YRT will participate in an open house on Cornell issues in late June 2005. Construction of Bur Oak Drive will be delayed until the summer of 2006. In the meantime, we will continue to work with all parties to ensure that rapid transit and local facility needs are integrated into the town's and hospital plans, with the overall objective that rapid transit be extended into this important area at the earliest opportunity. Staff will report back in full detail as to the next steps required subject to the outcome of upcoming meetings to execute the terminal facility in Cornell. It is anticipated that the proposed terminal site on the hospital land at Bur Oak Drive and Church Street will provide local and Viva services over the next ten years (*see Attachment 1*). Staff are working with Town staff to identify a long term facility south of Highway 7 as part of the intensified master plan for the Cornell Centre. A conceptual program for a combined Viva / YRT facility, along with the land requirements for a parking facility, has been prepared and is attached to this report (*see Attachment 2*).

#### **4.4.3 Transit Oriented Development**

Rapidco staff continue to comment on development applications on lands within the four Regional Rapid Transit Corridors through the Region's internal Development Review Committee. This committee is comprised of Regional Departments, including York Region Transit, and meets bi-weekly to discuss recently-circulated Official Plan Amendments, Draft Plans of Subdivision and Site Plan applications.

Rapidco comments are incorporated by Regional Planning staff and are sent to the local municipality on routine, minor applications. Rapidco submits comments directly to the municipality and/or applicant on larger-scale projects, like high-density residential buildings. One such application in May 2005 was a site plan application for a six-storey

Hitlton Garden Inn and Convention Centre located at the southeast corner of Highway 7 and Interchange Way in the Vaughan Corporate Centre. Rapidco's comments resulted in a revised driveway access to better accommodate the existing stop located in the public right-of-way, abutting the subject site.

Another important, value-added role that Rapidco staff are playing is in the area of policy implementation through the establishment of Region-wide Transit Oriented Development (TOD) Guidelines. Rapidco staff have been working in collaboration with Regional Planning staff in this effort, and will make a presentation to the Regional Planning and Economic Development Committee on June 15, 2005. This presentation outlined the benefits of TOD to support the York Regional Rapid Transit Plan, and the consultation process planned with local municipal planning staff over the summer months. Draft "Made-in-York" guidelines will be presented in September 2005.

#### **4.5 Communications and Launch of Rapid Transit**

##### **4.5.1 Marketing Communications**

Since Phase Two and Three of the Viva Marketing and Communications Plan were approved by Regional Council at the end March, rapid transit staff have been busy focussing on implementation. The strategy is to continue to build brand awareness, while communicating the various passenger amenities and benefits.

After five months, the Viva Challenge has come to an end. This public outreach program, which ran from January to the end of May, attracted more than 800 people to our electronic Viva kiosks. The Challenge was administered by members of Team Viva in various locations throughout the Region including Hillcrest Mall, Vaughan Mills shopping centre, Upper Canada Mall, and Pacific Mall. People could also take the Viva Challenge online by visiting the [vivayork](http://vivayork.com) website.

Although the Viva Challenge is over, public outreach continues to be a priority. Team Viva members have begun to staff community events throughout the Region. This spring Viva was showcased at the Aurora Home Show, the Newmarket Home Show, the Vaughan Home Show, the Markham Board of Trade Mayor's lunch and the Richmond Hill Chamber of Commerce Joint Luncheon, and YRT Earth Week events at the York Region Headquarters.

Rapid transit staff continued to reach out and develop partnerships with specific community groups. Ads and articles were placed in the Markham Board of Trade magazine and in newsletters in the Newmarket, Aurora, and Richmond Hill Chambers of Commerce.

Chair Fisch sent letters to the Region's 40 largest employers asking for an opportunity to distribute Viva information to their staff. To date, more than half have responded and packages of brochures and newsletters have been sent.

Articles, brochures and posters were sent to the Thornhill Seniors Centre, the Markham Seniors Centre, the Seniors Meeting Place in Newmarket, the Aurora Senior Centre, the McConaghy Centre in Richmond Hill, and to the Vaughan Recreation Dept for 16 seniors clubs.

The Ontario Restaurant, Hotel and Motel Association emailed an article on Viva to 1,200 of their members throughout the GTA.

Articles were also sent to the Vaughan Economic Development, Richmond Hill Economic Development, the Newmarket Town Pages, the Aurora Economic Development, and the Markham Leader.

Articles were also sent to Seneca College, the York Region District School, and the York Region Separate School Board. Rapid transit staff also provided collateral materials for the Seneca King campus student orientation on May 1<sup>st</sup>.

Rapid transit staff are also negotiating space for ad placement in the Newmarket, Aurora, Richmond Hill, Vaughan and Markham Leisure Guides as well as in seniors publications in Markham and Thornhill.

The media buy has been made, reserving ad space and air time for immediately before and after the Viva service launch. The campaign is focussing on the grassroots with ads in community newspapers, multi-cultural newspapers, on community TV, radio traffic reports, bus shelters, and cinema ads.

Staff are actively talking with the New VR, the YRNG, and Seneca College to discuss cross promotional opportunities.

Education is a critical component of the marketing and communications program. Staff conducted a series of Lunch and Learn events for YRT staff. Presentations were also made to the Newmarket, Aurora and Vaughan General Committees of the Whole and to a meeting of the Region's Transportation and Works Department.

A Viva University training module was developed to be used at the training sessions for Connex staff, YRT staff, TTC staff, Brampton Transit staff and GO Transit staff.

Electronic flash updates are being emailed to staff and stakeholders on a regular basis to keep them informed of Viva's progress and milestones.

Presentations highlighting Viva were made to the CUTA conference in Quebec and at the National Transit Institute BRT workshop in Chicago.

And finally, the Viva website was nominated for an award at the Canadian New Media Awards. This is the second public recognition for innovation and creativity.



#### **4.5.2 Media**

On May 6, 2005 York Region business organizations came together to unite on behalf of Viva. They requested that the Federal and Provincial governments provide \$7.3 million in matching funding to begin preliminary design, planning and engineering for Phase Two. The announcement was well attended by the media and resulted in considerable coverage:

YRNG – “Chambers push for rapid transit funding”

YRNG – editorial – “Businesses should offer employee incentives for taking public transit”

Toronto Star – “York transit needs cash boost”

Toronto Sun – “Need for speed”

The New VR

Rogers TV

OMNI TV

There was also a column published in Mass Transit Magazine – “York Region’s BRT: The right technology, at the right cost, at the right time.”

The arrival of the first Viva vehicle marked the next milestone event. A positive story and photo were published in the Toronto Star on Wednesday May 25th

The official vehicle launch event was held on May 30<sup>th</sup> and details will be provided in the September report to Committee and Council.

#### **4.5.3 Viva/YRT Bus Advertising and Innovation RFP**

Viva and YRT have issued a joint RFP in an attempt to maximize advertising revenues for the YRT fleet and at the same time attract individuals and businesses with the latest innovative media applications.

The primary objective of this project is to establish a contract with a Successful Proponent in order to coordinate the sale of advertising on YRT effective August 1, 2005. This advertising consists of traditional internal and external advertising.

An additional, critical objective is to establish a framework with the Successful Proponent in which innovative media can be utilized to increase transit ridership in York Region by offering new and innovative information opportunities to customers, and to realize increased advertising revenues as a result of the introduction of new technology. The Viva service is intended to be the venue for the initial deployment of Innovative Media, with one or more innovative media features being deployed in time for the launch of the Viva service in September 2005.

On May 20, 2005 the RFP was issued and interest was significant. Interested parties gathered at a mandatory meeting on May 25, 2005 and the competition closes on June 9, 2005. An evaluation team, consisting of representatives from YRT, Viva, York Region

Supplies and Services and the IBI Group are planning to walk in a recommendation to Regional Council on June 23, 2005.

#### **4.6 Government Relations**

**Immediate Objective (winter-spring 2005)** – to secure \$7.3 million in matching funding from all three levels of government to proceed with phase two planning and design work.

**Long Term Objective (2006- 2012)** – to secure a commitment from the province and the federal government for ongoing funding for phase two. The entire ask is \$67 million each over eight years, but that figure can be broken down into smaller increments over a longer period of time.

The community letter writing campaign continued. A growing number of community leaders have sent letters to Federal Ministers and MPs and Provincial Ministers and MPPs requesting funding for Viva Phase Two. To-date, letters have been written by the Viva Ambassadors, the Mayors of Markham, Richmond Hill, Newmarket, Vaughan and Aurora, and the Canadian Federation of Students.

Provincially, Thornhill MPP Mario Racco has raised the issue of funding for Viva in the Legislature on several occasions, as has Markham MPP Tony Wong and Oak Ridges MPP Frank Klees.

Rapid transit staff continues to send key politicians and staff in Ottawa and at Queen's Park the latest Viva news releases and flash updates to ensure York Region remains on the radar screen.

### **5. FINANCIAL IMPLICATIONS**

There are no financial implications associated with this report.

### **6. LOCAL MUNICIPAL IMPACT**

There are no local municipal implications associated with this report.

### **7. CONCLUSION**

YC2002 and York Region staff made significant advancements during May 2005, particularly in advancing elements critical to the success of the Viva Phase 1 program and related communications.

The Senior Management Group has reviewed this report.

*(The attachments referred to in this clause are included with this report.)*