



Presentation to
Transit Committee
Reference Agenda Item D1

Irene McNeil
October 16, 2008



Vision 2026

- Managed and Balanced Growth
- Infrastructure for a Growing Region

York Region Transportation Master Plan

- Double the transit market share by 2031
- Longer term transit priority, rapid transit, etc.

YRT/Viva 5 Year Service Plan (2006-2010)

- Standards, service strategies, system performance
- Maximize ridership potential by route & corridor
- Base for operating and capital budgets

YRT/Viva PLAN09

- Annual network / route reviews
- Shorter term service expansion / adjustments



- Stakeholder Consultation (May, June '08)
 - Riders, general public, staff, TMAs, transit partners, businesses and area municipalities
- PLAN09 Development (Summer '08)
 - Evaluate existing services
 - Evaluate new proposals against the service standards
 - Ensure that all areas of the Region get the appropriate level of service
 - Budget compliance
- Draft PLAN09 (Fall '08)
 - Outlines the draft recommended plan for service implementation
- Final PLAN09 (Jan '09)
 - following budget approval



YO! Focus Group Meeting

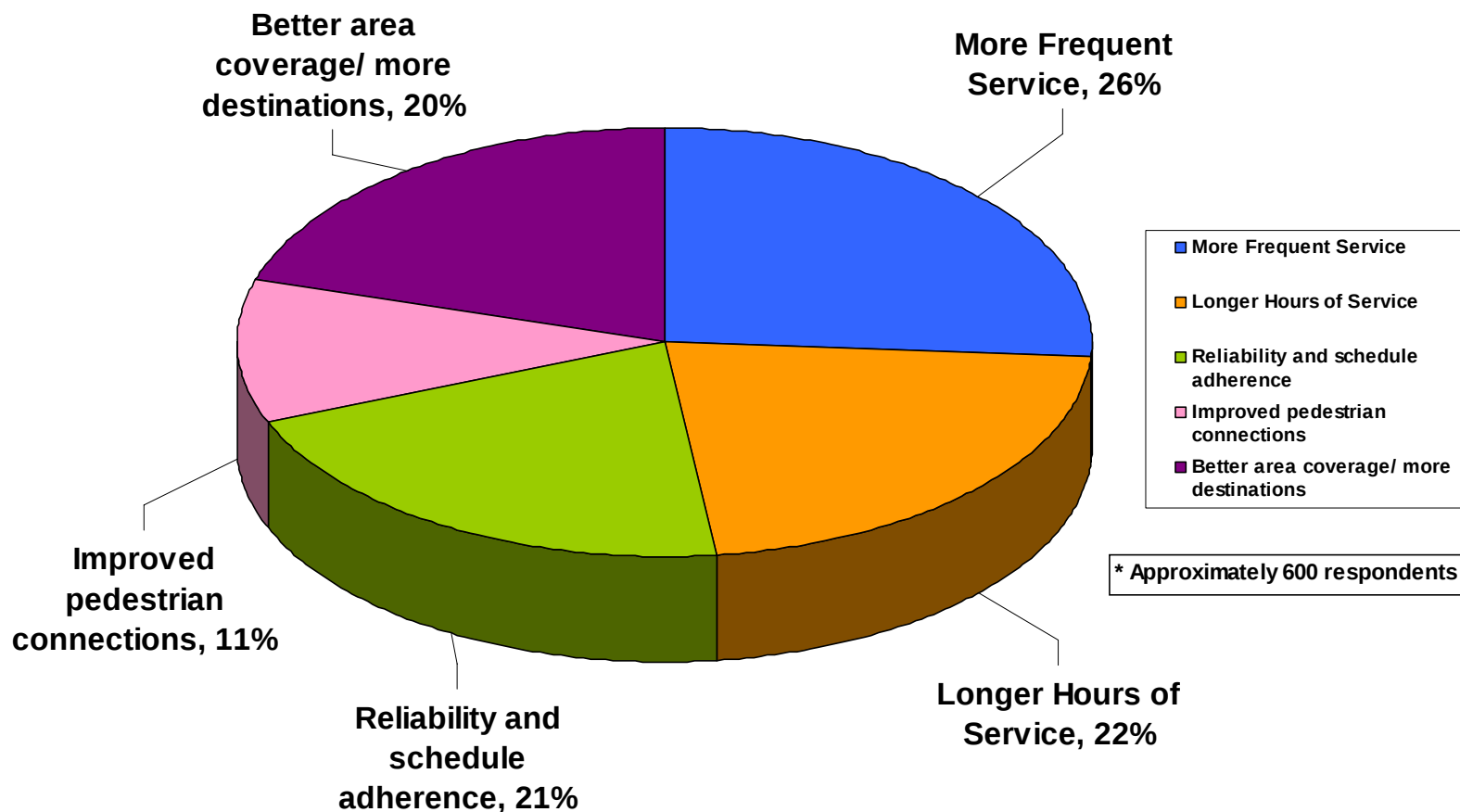


Stakeholder Consultation/PIC	Consultation date
1. Large Employers Group – York Region	May 20, 2008
2. Municipal Partners – Neighbouring Municipalities	May 21, 2008
3. YO! Focus Group – High School Transit Ambassador Meeting	May 26, 2008
4. Transit Partners – Other Transit Agencies	May 27, 2008
5. Newmarket Senior Consultation Meeting	June 7, 2008
6. Southern Public Information Centre	June 10, 2008
7. Newmarket GO Bus Terminal Information Centre	June 12, 2008
8. Northern Public Information Centre	June 16, 2008
9. Oak Ridges Community Workshop	June 17, 2008
10. Richmond Hill Centre Terminal Information Centre	June 18, 2008
11. Promenade Terminal Information Centre	June 26, 2008
12. Web Survey	June 2008
13. Markham Senior Consultation Meeting	July 2, 2008

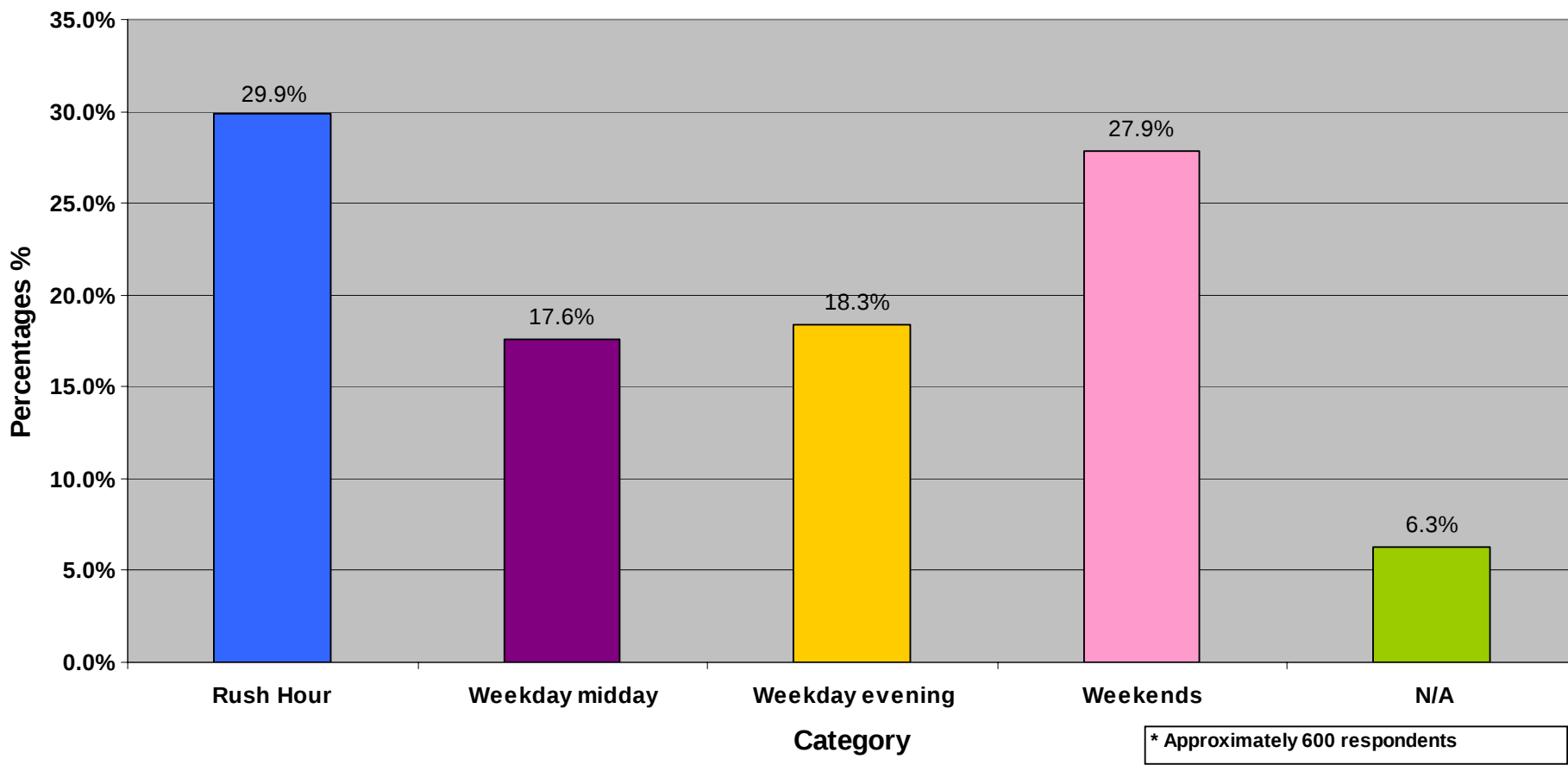


Newmarket GO Bus Terminal
Terminal Information Centre

What would encourage you to use public transit more frequently?



Where do you think YRT should focus its service improvement ?



- **Viva and YRT Base Grid (86.0%)**
 - Operate primarily on major arterial roads, direct to/from major generators
- **Local Routes (10.4%)**
 - Operating in local neighbourhoods on collector & local roads – feed the base grid
- **Express (1.3%)**
 - Partial use of Hwys 407 & 400 in Markham, Unionville, Maple
- **Shuttles (0.8%)**
 - GO Stations
- **High School Specials (1.2%)**
- **Community Bus (0.3%)**
 - Newmarket, Markham, Richmond Hill (door-to-door, senior market)
- **Dial-a-Ride (<0.1%)**
 - Rt 44 Newmarket



Service Span	Service Frequency (minutes)				
	VIVA Routes	Base Grid)	Local Routes	Community Bus (Base)	Community Bus (Other)
Weekdays					
6:00 to 9:00 am / 3:00 to 7:00 pm	15	20	30	60	60
9:00am to 3:00pm / 7:00 to 11:00pm	15	30	60	120	120
Saturdays					
6:00 am to 11:00 pm	15	30	60	120	120
Sundays/Holidays					
9:00 am to 11:00 pm	15	60	60	120	120

Note: Span of service standard applies only to Base Services

Vehicle Loading Standards

Route Type	Average Maximum Vehicle Load
Base, Viva, Local and Express Routes	
60-foot Viva Bus	72 passengers per vehicle
40-foot Bus	55 passengers per vehicle
40-foot Viva Bus	48 passengers per vehicle
35-foot Bus	48 passengers per vehicle
30-foot Bus	40 passengers per vehicle
Express Route (high-speed or highway)	100% of seating capacity per vehicle
Shuttle	100% of seating capacity per vehicle
Community Bus	
Peak Period	100% of seating capacity over maximum 60 minutes
Off-peak Period	100% of seating capacity over a 60-minute period

Base, Local and most Express loads are based on average maximum passengers per vehicle at the peak point of the route, measured over the peak 60-minute period.

<i>Route Type</i>	<i>Weekday Peak</i>	<i>Other Times</i>
Local Route	All routes averaging 30 passengers per service hour, with a minimum of 10 boardings per hour	All routes averaging 22 passengers per service hour, with a minimum of 7 boardings per hour
ExpressRoute		
Overlay Express	All routes averaging 30 passengers per service hour, with a minimum of 10 boardings per hour	
Point Express	All routes averaging 35 passengers per service hour, with a minimum of 30 boardings per hour	
Shuttle	All routes averaging 25 passengers per service hour, with a minimum of 20 boardings per hour	
Community Bus		
Fixed-route	All routes averaging 15 passengers per service hour, with a minimum of 5 boardings per hour	All routes averaging 12 passengers per service hour, with a minimum of 4 boardings per hour
Demand-responsive	All routes averaging 10 passengers per hour, with a minimum of 5 boardings per hour	All routes averaging 8 passengers per hour, with a minimum of 3 boardings per hour



1) Current schedule adherence and overcrowding



Bus Queuing on Jane Street

Passengers at Finch GO Terminal



2) Residential subdivision without service



Grand Cornell, Markham

Upper Thornhill Estates, Vaughan



3) Major trip generators



Vaughan Mills Mall

Markham GO Train Station



4) Existing latent demand (based on outstanding service request/ petitions)



Eg. New local routes to connect with Markville Mall

Mingay Avenue & The Bridal Walk

5) Improved frequencies & service span to meet standards

York University, Route 3



Seneca at King Campus, Route 88

6) Accessibility improvements



- Service to new subdivisions in Richmond Hill, Markham, Vaughan, Newmarket, Stouffville and Georgina
- More service in main high growth corridors (e.g. Bathurst, Leslie, Bayview, Dufferin, Jane, Hwy 7, Elgin Mills, etc.)
- Expand span of service to minimum standards
- Route modifications - system connectivity, directness and service coverage
- Expansion of Dial-a-Ride



Table 11: YRT/Viva PLAN09 Service Initiatives - Markham

Route	Municipality	Details	Date	2009 Rev. Hours	Annualized Rev. Hours	Peak Fleet		
						60'	40'	30'
Viva blue	Newmarket, Aurora, Richmond Hill, Vaughan, Markham, Toronto	Weekday off peak frequency increase from 12 to 10 minutes Finch-Newmarket; 10:30 am - 12:00 pm	Jan	782	835			
Viva blue	Newmarket, Aurora, Richmond Hill, Vaughan, Markham, Toronto	Saturday frequency increase from 15 to 10 minutes Finch-Newmarket; 10:00 am - 12:00 pm and increase from 12 to 10 minutes Finch-Newmarket 4:00 pm - 6:30pm	Jan	872	944			
Viva blue	Newmarket, Aurora, Richmond Hill, Vaughan, Markham, Toronto	Additional running time required to maintain schedule adherence	Jan	1896	2024			
Viva purple	Toronto, Vaughan, Richmond Hill, Markham	Additional running time required to maintain schedule adherence	Jan	3792	4048			
Viva orange	Toronto, Vaughan	Additional running time required to maintain schedule adherence	April	1896	2024			
1 - Hwy 7	Richmond Hill, Markham	Introduce weekday late evening service from Monday to Thursday to reflect the Friday schedule (one extra trip in both directions)	Sept	107	336			
2 - Milliken	Markham	Introduce 2 eastbound trips departing the GO Finch Terminal at 3:45pm and 7:45pm	April	348	506			
2 - Milliken	Markham	Route extension to Steeles/Staines bus loop	Sept	1,118	3,289		2	
2 - Milliken	Markham	School special trips	Sept	43	104			
2A - 14th Ave	Markham	Realign service into Grand Cornell via Kenilworth Gate, Micheline Terrace and Bur Oak Avenue	Sept	602	1,771		1	
2A - 14th Ave	Markham	Operate service along Copper Creek Dr and Donald Cousens Pkwy	April	1,218	1,771		1	
2A - 14th Ave	Markham	Introduce all day service in the Box Grove and Grand Cornell	Sept	860	2,530			
2A - 14th Ave	Markham	Introduce additional service to MDHS & Brother Andre High School	Sept	129	312			
3 - Thornhill-YorkU	Vaughan, Markham	Request by Operations: Additional running time required to maintain schedule adherence	Jan	1,896	2,024		1	
4/4A - Major Mac	Vaughan, Richmond Hill, King	New trips to meet new GO Trains	April	1,392	2,024			

- Cost - \$7.9 million* (6.6% increase of total transit budget)
- Revenues - \$ 2 million (25% cost recovery after 1st year)
- 64,000 new service hours



1 Viva Bus can replace 70 vehicles on the road