

# Memo



**Date:** October 27, 2010  
**File:** 1405-06  
**To:** City Manager  
**From:** Ron Westlake, Director, Regional Services  
**Subject:** 25 Year Transit Master Plan Update

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## Recommendation:

THAT Council receive for information, the presentation by BC Transit attached to the report of the Director, Regional Services dated October 27, 2010 which provides an update on the 25 Year Transit Master Plan work for Kelowna Regional Transit.

**Purpose:** To update Council on the work being done in developing a 25 Year Transit Master Plan for Kelowna and Kelowna Regional Transit services.

## Background:

At the September 13<sup>th</sup>, 2010 Council meeting, BC Transit representatives provided an overview presentation on their work to develop a 25 Year Transit Master Plan for the Kelowna Regional Transit service. This planning work is being done parallel to and in support of the City's 2030 Official Community Plan development.

The attached report will be presented by our BC Transit planner at the November 1<sup>st</sup>, 2010 regular Council meeting. BC Transit is now mid-way through this planning work and their report provides an update for Council. The presentation assesses our current transit system and specific route performance based on criteria developed by BC Transit. This work will lead into further planning related to future routes and transit infrastructure. Further consultation will play an important role in the final long-range master plan.

## Considerations not applicable to this report:

Internal Circulation; Legal/Statutory Authority; Legal/Statutory Procedural Requirements; Existing Policy; Financial/Budgetary Considerations; Personnel Implications; External Agency/Public Comments; Community & Media Relations Comments; & Alternate Recommendation.

Submitted by:

A handwritten signature in blue ink, appearing to read "Ron Westlake".

R. Westlake, Director, Regional Services

Approved for inclusion:

A handwritten signature in blue ink, appearing to read "J. Paterson", enclosed in a rectangular box.

J. Paterson, General Manager, Community Sustainability

cc: S. Bagh, Director, Policy & Planning

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# Central Okanagan Transit Master Plan Route Rationalization Results

Kelowna Council  
November 1, 2010

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## Agenda

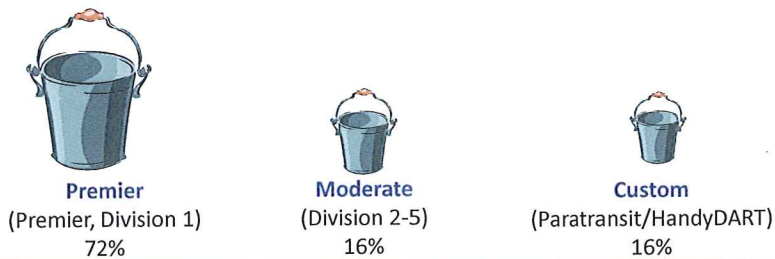
- Overview
- Performance Measures and Thresholds
- System and Route Results
- Recommendations

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## Overview – Provincial Funding Allocation and Route Prioritization

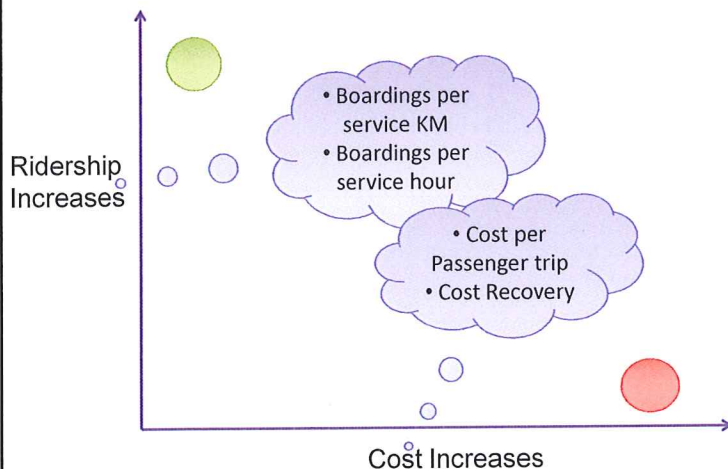
- Compare systems relative to each other
- Focus on ridership, but allow for smaller systems to retain funding opportunities



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## Performance Measures



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## Performance Thresholds

Premiere	Adequate	Greenhouse gas (GHG) minimum	Below Minimum
Meets or exceeds all targets	Performs reasonably well, but has room for improvement	GHG neutral	Transit vehicle GHG $\geq$ GHG emitted by SOV



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## Performance Thresholds



	Premiere	Adequate	Greenhouse gas (GHG) minimum	Below Minimum
Boardings per service hour	25	15	12	11.9
Boardings per service km	1.15	1.00	0.5	0.49
Cost per passenger trip	\$4.00	\$5.50	\$7.00	\$7.01
Cost Recovery	25%	20%	15%	14.9%

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## System and Route Rankings

Using these thresholds, all systems and routes have been categorized

*Thresholds*

	Premier	Adequate	GHG Minimum	Below Minimum
Premier	4			
Division 1	3	1		
Division 2	2	2		
Division 3	1	3		
Division 4		4		
Division 5			3	1



## System Rankings\*

City of Kelowna →

District of West Kelowna →

<i>Premier Division Systems</i>	
Prince Rupert	
Victoria	
Kamloops	
Whistler/Sea-to-Sky	
Nanaimo Regional*	
Prince George	
Chilliwack	
Nelson	
<i>Division One Systems</i>	
Campbell River	
Terrace Regional	
Central Fraser Valley	
Kelowna Regional	
<i>Division Two Systems</i>	
Port Alberni	
Sunshine Coast	
Vernon Regional	
<i>Division Three Systems</i>	
Cornox Valley	
Penticton	
Kootenay Boundary	
Powell River	
Cranbrook	
Saltspring	
<i>Division Four Systems</i>	
Kitimat	
<i>Division Five Systems</i>	
Squamish	
Cowichan Valley/Commuter	
Dawson Creek	
Fort St. John	

\* Based on 2009/10 AOR Actuals

## Route Rankings

- Kelowna has 71% of the revenue hours and 79% of the passengers
- Three routes carry 50% of Kelowna passengers (routes 8, 10, 11)
- The Kelowna Community Shuttle routes carry only 3.8% of Kelowna passengers combined (3% system-wide)
- Kelowna Premiere routes average a 31.8% Cost Recovery, while Division 5 averages 10.8%

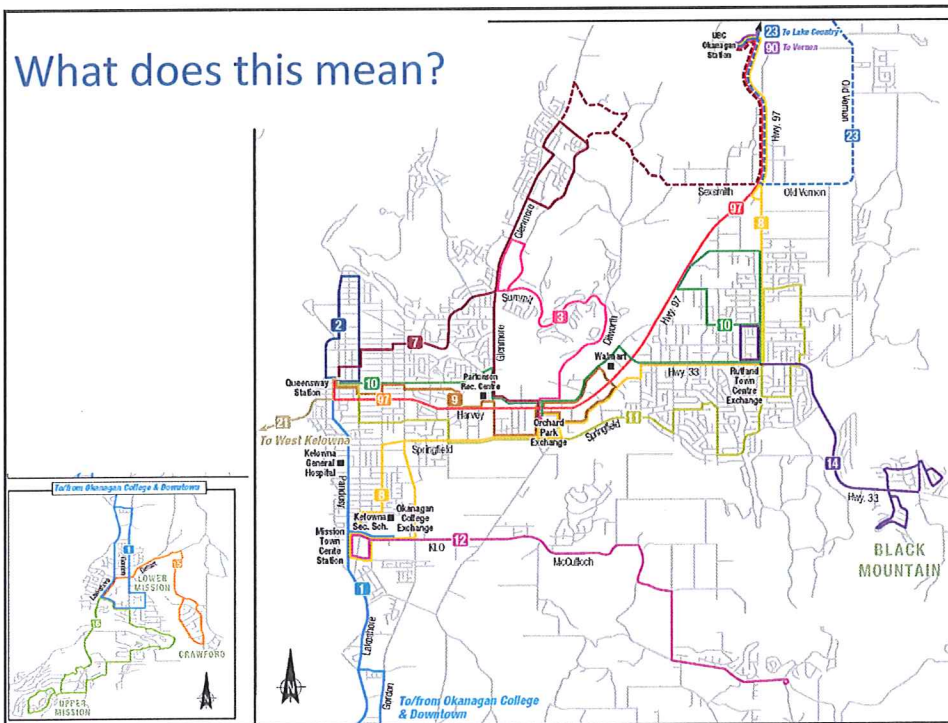
**ROUTE**

Premiere
88 School Special
10 North Rutland
8 University
2 North End Shuttle
1 Lakeshore
11 Rutland
Division 2
23 Lake Country
Division 3
3 Dilworth
9 Shopper Shuttle
Division 4
97 Express
7 Glenmore
24 Shannon Lake
21 Glenrosa
Division 5
16 Southwest Mission**
20 Lakeview
14 Black Mountain**
27 Horizon**
22 Peachland
12 McCulloch**
15 Crawford**
28 Smith Creek**
25 East Boundary**
29 Bear Creek**

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## What does this mean?



## Next Steps

- BC Transit & staff are developing the implementation plan
- Draft Transit Future Plan in development
- Public Consultation: Weeks of November 29 and December 6

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### Thank you.

Michelle Orfield  
BC Transit – Senior Urban Transportation Planner  
Michelle\_Orfield@bctransit.com

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## Kelowna Results

	Performance Thresholds			
	Boardings per Service Hr	Boardings per Route Km	Cost per boarding	Cost Recovery
88 School Special	43.33	1.52	\$ 2.09	44.5%
10 North Rutland	32.64	1.56	\$ 2.77	33.5%
8 University	35.32	1.19	\$ 2.56	36.3%
2 North End Shuttle	28.60	3.53	\$ 3.16	29.4%
1 Lakeshore	30.63	1.29	\$ 2.95	31.5%
11 Rutland	25.54	1.18	\$ 3.54	26.2%
3 Dilworth	21.70	1.29	\$ 4.17	22.3%
9 Shopper Shuttle	18.08	1.24	\$ 5.00	18.6%
97 Express	20.32	1.13	\$ 4.45	20.9%
7 Glemore	21.02	0.81	\$ 4.30	21.6%
16 Southwest Mission**	12.73	1.30	\$ 7.10	13.1%
14 Black Mountain**	10.35	0.64	\$ 8.74	10.6%
12 McCulloch**	12.26	0.48	\$ 7.37	12.6%
15 Crawford**	4.84	0.68	\$ 18.67	5.0%



## Route Rankings

- The same metrics were applied to routes using an average fare for the system as the proxy for each route
- In future, Farebox data should allow for route-based average fares to be calculated
- Community Shuttle routes require further work on metrics due to the smaller size
- West Kelowna routes in general are ranked low

