

Memo



Date: September 8, 2010
File: 1405-06
To: City Manager
From: Ron Westlake, Director, Regional Services
Subject: 25 Year Transit Master Plan

Recommendation:

THAT Council receive for information, the presentation by BC Transit attached to the report of the Director, Regional Services dated September 8, 2010 which provides an overview of the RapidBus project and an update on their work to develop a 25 year Transit Master Plan for the Kelowna Regional Transit System.

Purpose: To update Council on the integration of public transit planning in support of the City's long-range land use plans as depicted in the draft 2030 Official Community Plan (OCP).

Background

The City oversaw a long-range plan for public transit services between 2004 and 2005 that established a vision for public transit that involved a higher-order bus-rapid transit service built primarily along the Hwy 97 spine between the Westbank Town Centre and UBC Okanagan. That work is now being updated by BC Transit in collaboration with local governments to support both growth management and capital planning in the Central Okanagan.

The first phase of the RapidBus project went into service on September 5th. The attached presentation provides an overview of plans for the next two phases.

The City is nearing completion of a new OCP. In consultation with City staff, BC Transit is planning transit services to match the type and density of land use being projected by the City in the next twenty to twenty-five years. The main output of this work is a network of higher frequency transit service envisioned in the twenty-five year planning horizon.

At the September 13, 2010 Council meeting, BC Transit staff will provide the attached report presentation on their 25 Year Transit Master Plan including their schedule and key milestones leading to its completion.

Internal Circulation:

S. Bagh, Director, Policy and Planning
R. Cleveland, Director, Infrastructure Planning
K. Grayston, Director, Financial Services

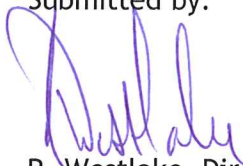
A handwritten signature in blue ink, located at the bottom right of the page.

Financial/Budgetary Considerations:

Considerations not applicable to this report:

- Legal/Statutory Authority
- Legal/Statutory Procedural Requirements
- Existing Policy
- Personnel Implications
- External Agency/Public Comments
- Community & Media Relations Comments
- Alternate Recommendation

Submitted by:



R. Westlake, Director
Regional Services

Approved for inclusion:



J. Paterson, GM Community Sustainability

cc: J. Paterson, General Manager, Community Sustainability
C. Stephen, Director, Community & Media Relations
S. Bagh, Director, Policy and Planning
R. Cleveland, Director, Infrastructure Planning
K. Grayston, Director, Financial Services
BC Transit

Attachment: Central Okanagan Transit Master Plan, BC Transit

Central Okanagan Transit Master Plan

Kelowna Council Update
September 13, 2010

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Agenda

- RapidBus Phase 2 and 3
- Master Plan Update
 - Process
 - Current System Data
 - Benchmarking
 - 25 Year Transit Vision
- Next steps

RAPIDBUS PHASE 2 & 3

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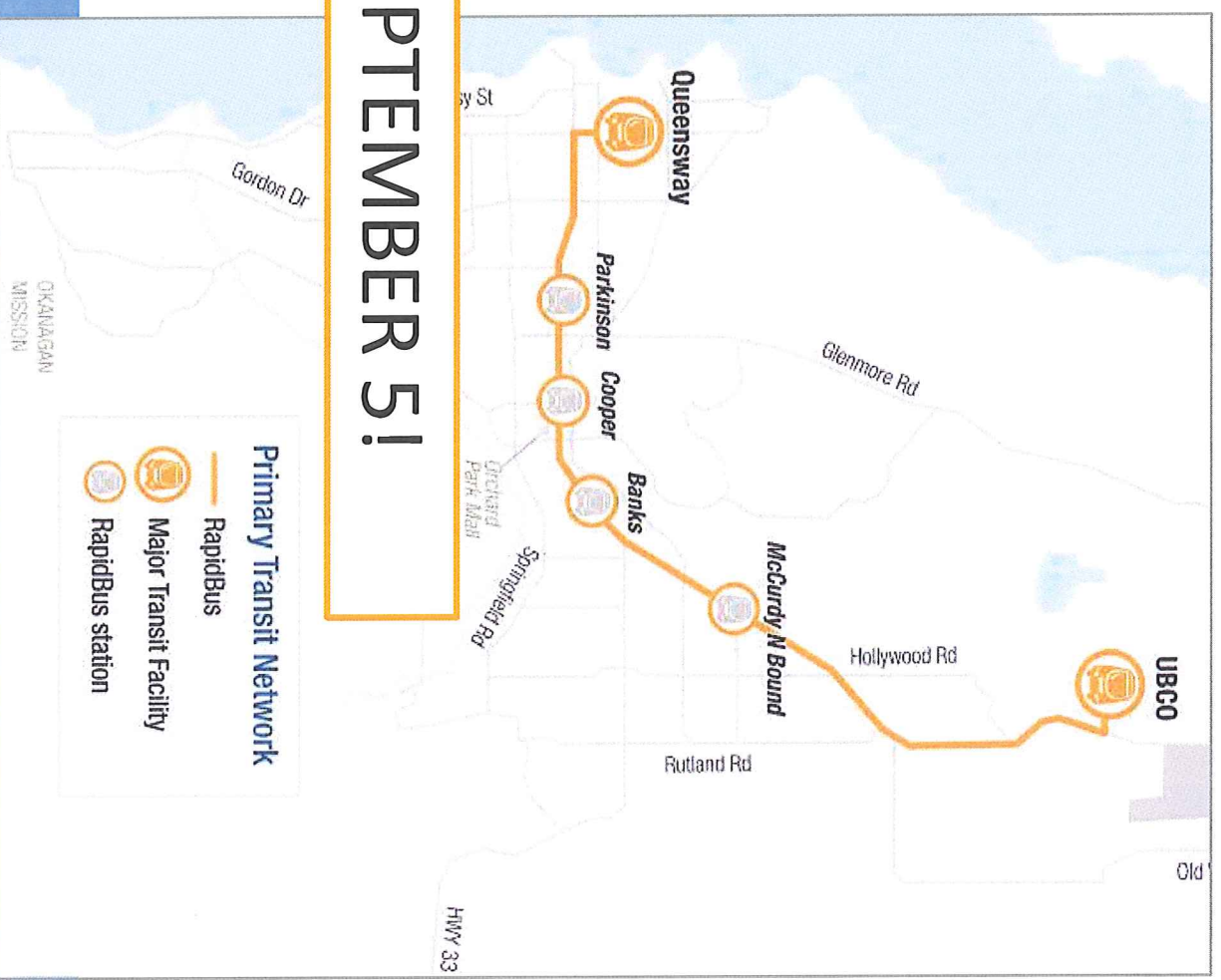
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Phase 1- Start the Line

1. HOV lanes
2. Purchase of New Buses
3. RapidBus
 - 7 station locations
 - Transit Priority System Development
 - Conduit for Real Time Info
 - No Federal contribution for BCT portion

OPENED SEPTEMBER 5!



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Phase 2 – Extend the Line

- Extension to Westbank Centre
- 6 station locations
- Exchanges at Westbank and Boucherie
- Transit Priority System Development
- Conduit for Real Time Info



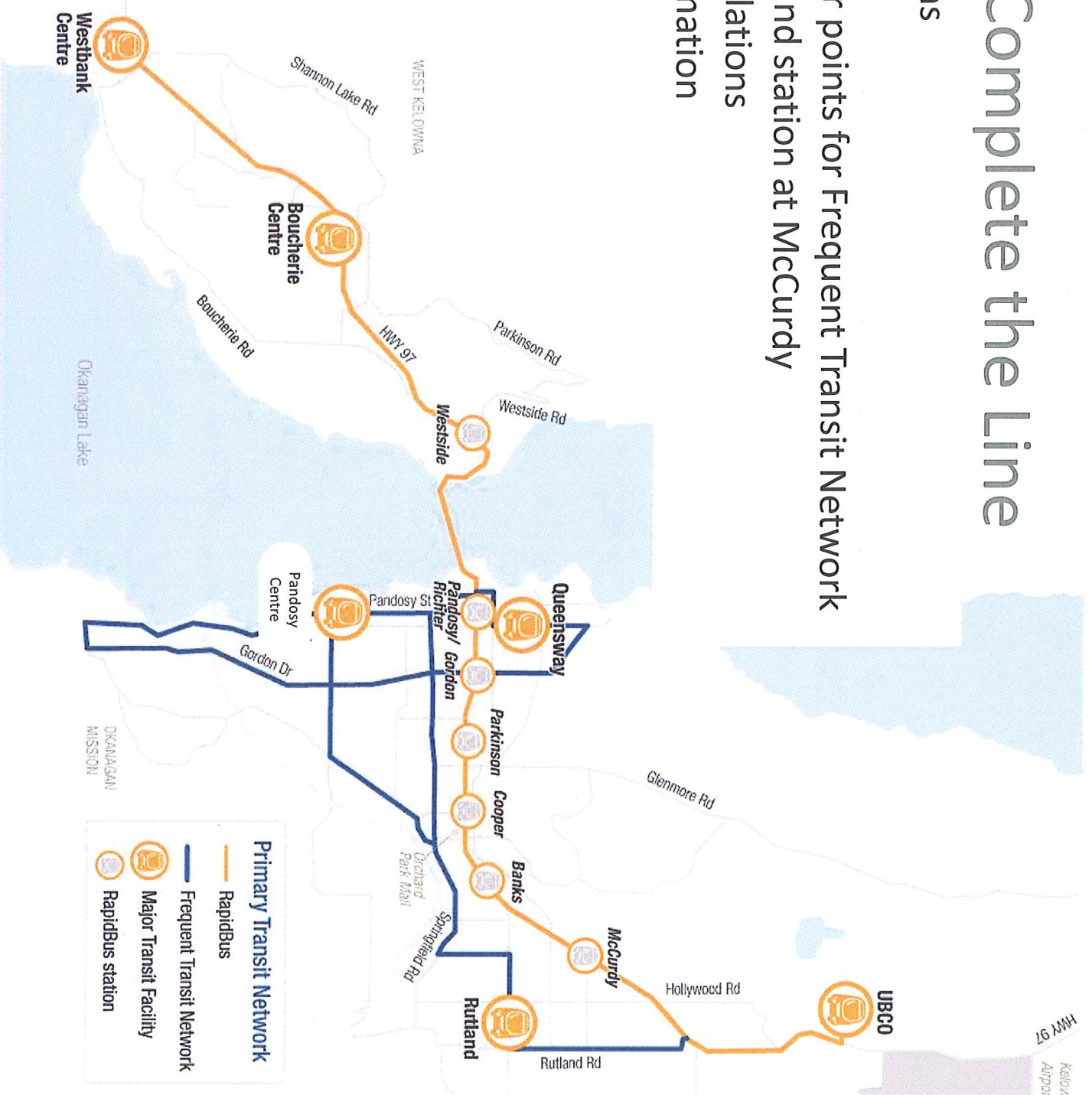
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Phase 3 – Complete the Line

- 4 Downtown stations
- Exchange upgrades
 - Creates transfer points for Frequent Transit Network
- Complete Southbound station at McCurdy
- Complete TSP installations
- Add real time information

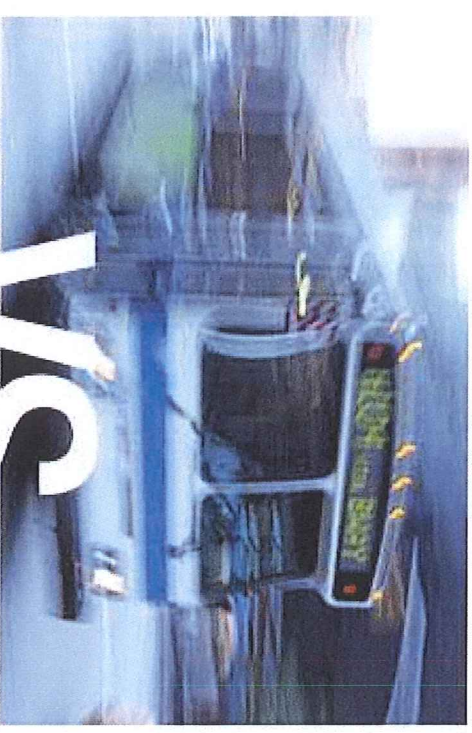


RapidBus Total Cost

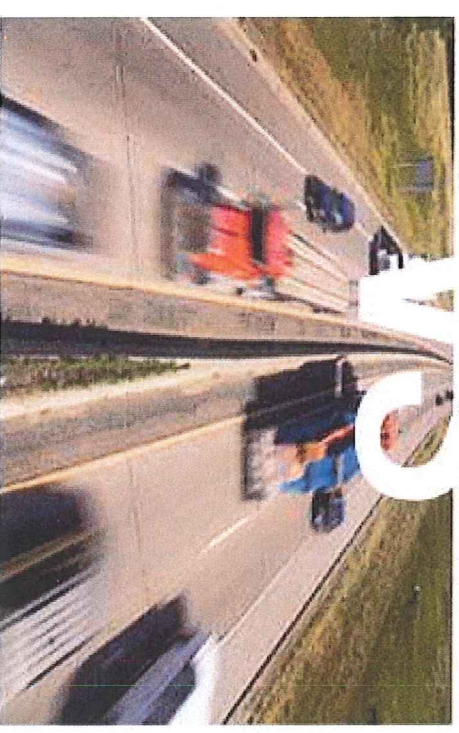
	RapidBus Phase 2 & 3	Rutland Exchange	Total	%
Federal	\$ 15.5	\$ 1.4	\$ 16.9	33%
Build Canada	\$ 10.9		\$ 10.9	
Gas Tax	\$ 4.6	\$ 1.4	\$ 6.0	
Provincial	\$ 24.0	\$ 1.1	\$ 25.1	50%
BC Transit	\$ 6.4	\$ 1.1	\$ 7.5	
Provincial	\$ 17.6		\$ 17.6	
Municipal	\$ 7.3	\$ 1.2	\$ 8.5	17%
Kelowna	\$ 4.1	\$ 1.2	\$ 5.2	10%
West Kelowna	\$ 3.3		\$ 3.3	
TOTAL	\$ 46.8	\$ 3.7	\$ 50.5	100%

Benefits - Immediate

- RapidBus fast, direct connections to Queensway, Orchard Park and UBCO
- Local connections to Okanagan College, Pandosy Town Centre, Orchard Park, Rutland and UBCO
- Competitive with the car



VS



<http://www.thedailygreen.com/>

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Benefits - Future

- Direct connections
- Ridership increase
- Greenhouse gas reduction
- Competitive with the car
- Aligns with local priorities
- Works to achieve Provincial Transit Plan targets
- Establishes the corridors for the future Rapid Bus network

Next Steps

- MOU development with all project partners
- Pre-implementation funding released to:
 - complete design to confirm scope, schedule and budget
 - complete property acquisition and assessment (for exchanges)

MASTER PLAN UPDATE

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Master Plan Purpose

- To establish a regional vision for transit that achieves local and provincial goals
- Sustainable investment
- Transit – land use connection

Master Plan Schedule

Central Okanagan Transit Master Plan Schedule						
DRAFT						
TASK DESCRIPTION	2010				2011	
	September	October	November	December	January	
Data collection and analysis						
Develop Vision, Goals & Objectives						
25 Year Transit Vision						
Implementation Plan						
Prepare 2035 Transportation Master Plan					Adoption	

Master Plan Process

- Bi-weekly meetings with staff
- Monthly Steering Committee meetings
- Stakeholders Advisory Group
- Municipal Advisory Group
- 3rd and final series of Public Open Houses:

Mid-November



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CURRENT SYSTEM DATA

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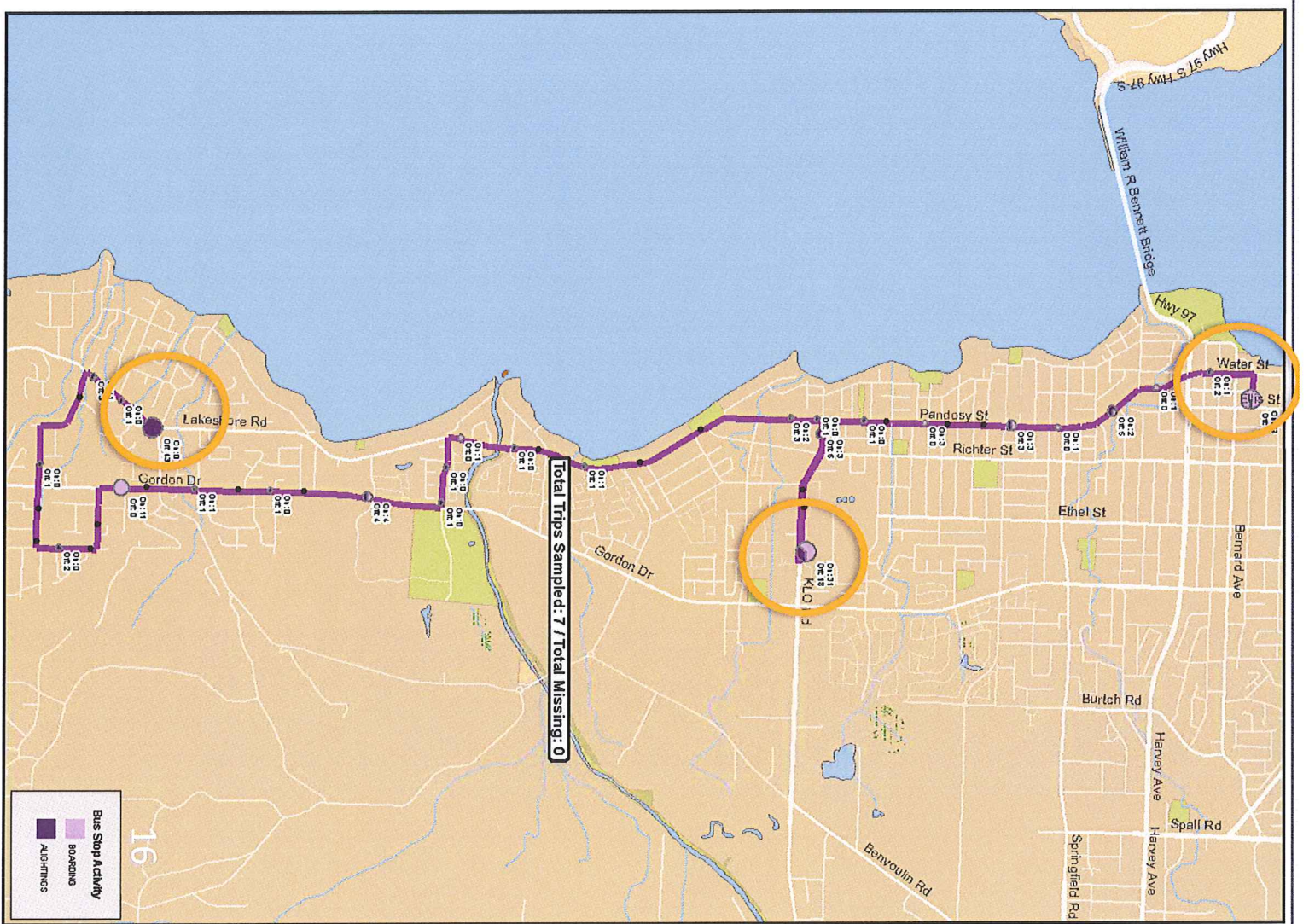


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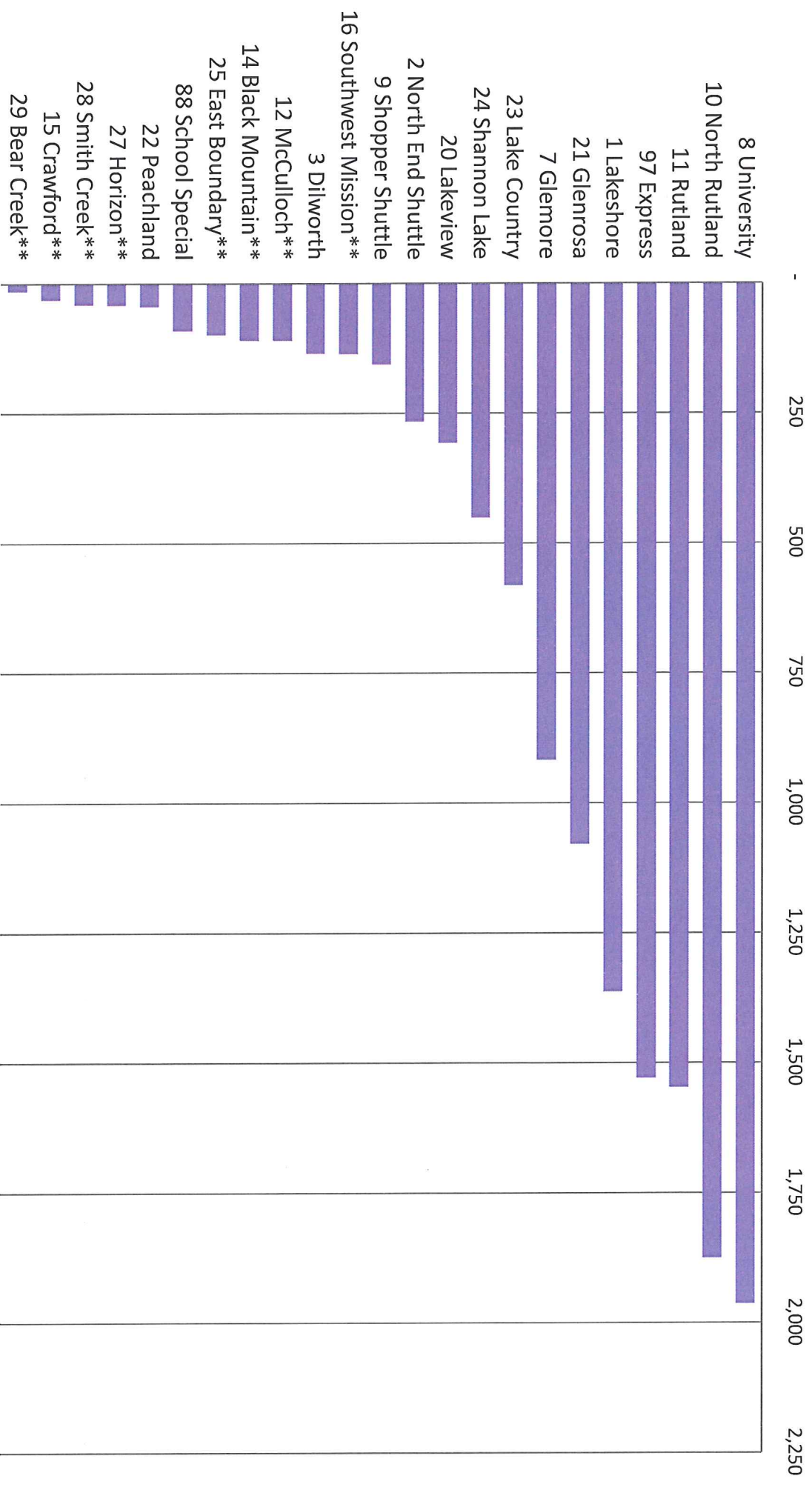
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Route Level Review

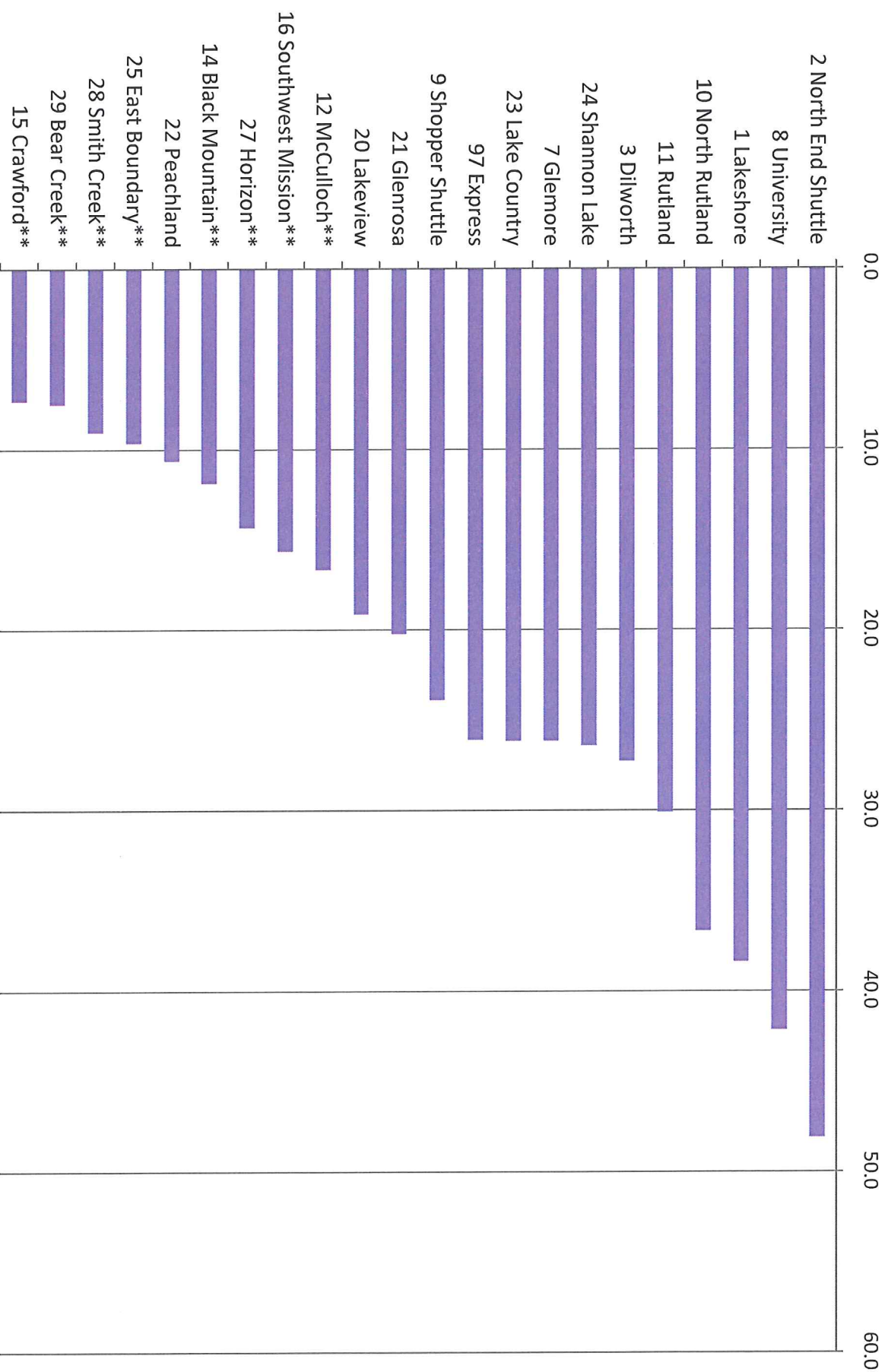
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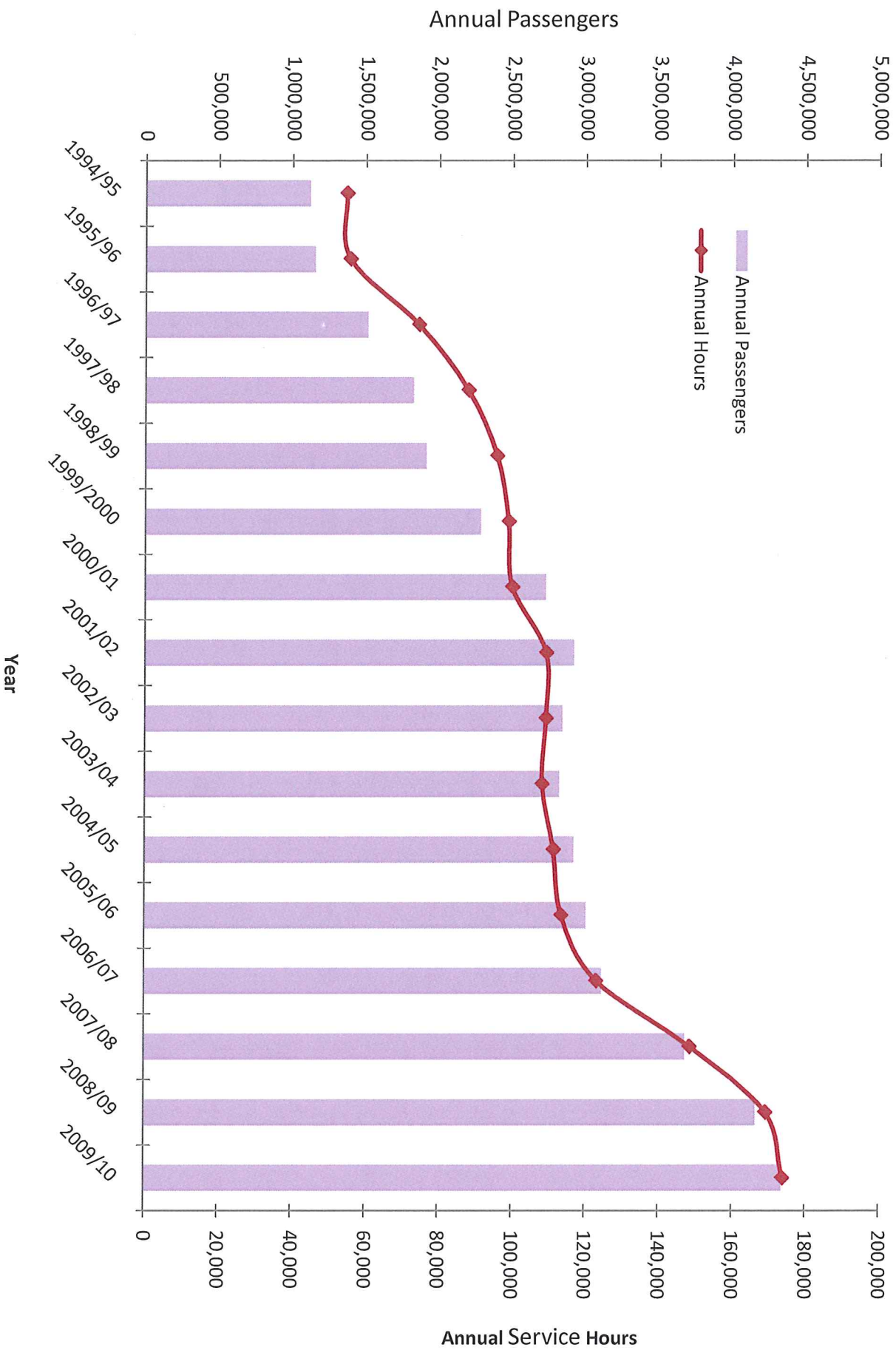
Ridership Average weekday 2009



Rides per Hour Average weekday 2009



Kelowna Regional Transit Ridership and Hour Trend



BENCHMARKING

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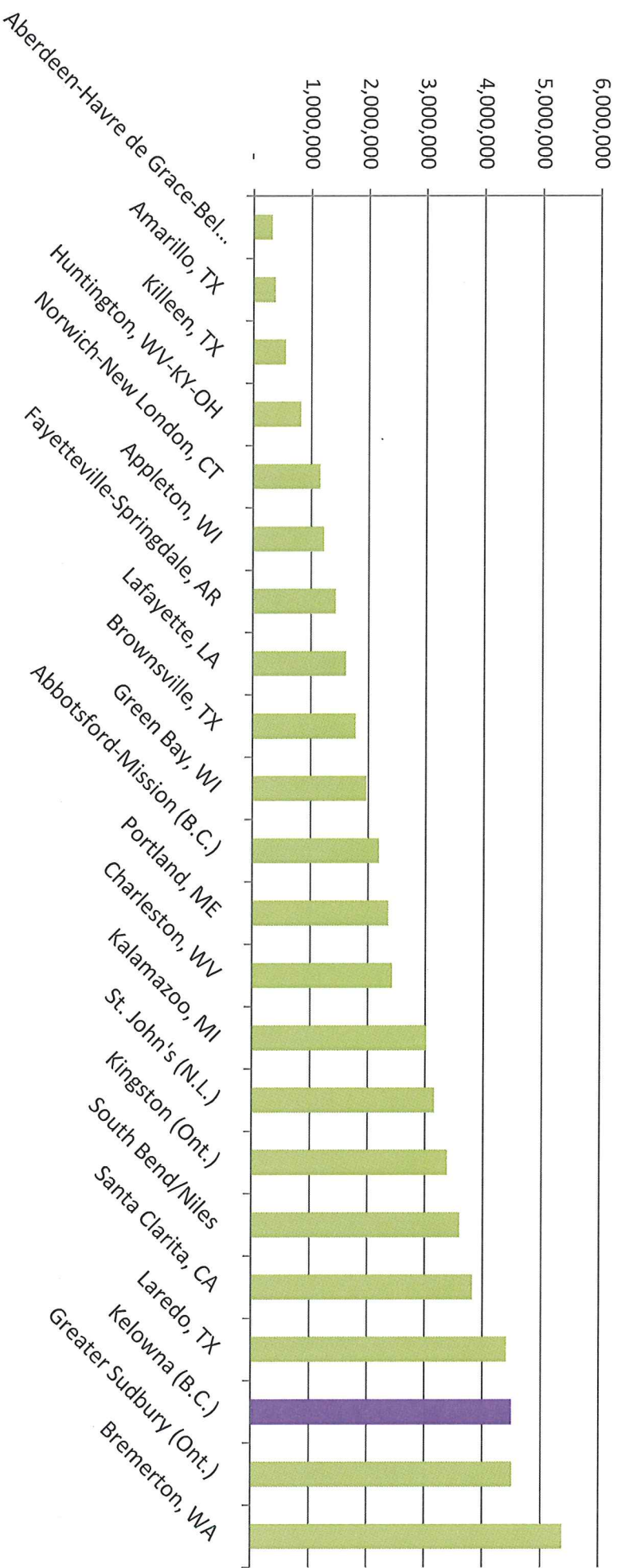
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A Comparative Perspective

Ridership

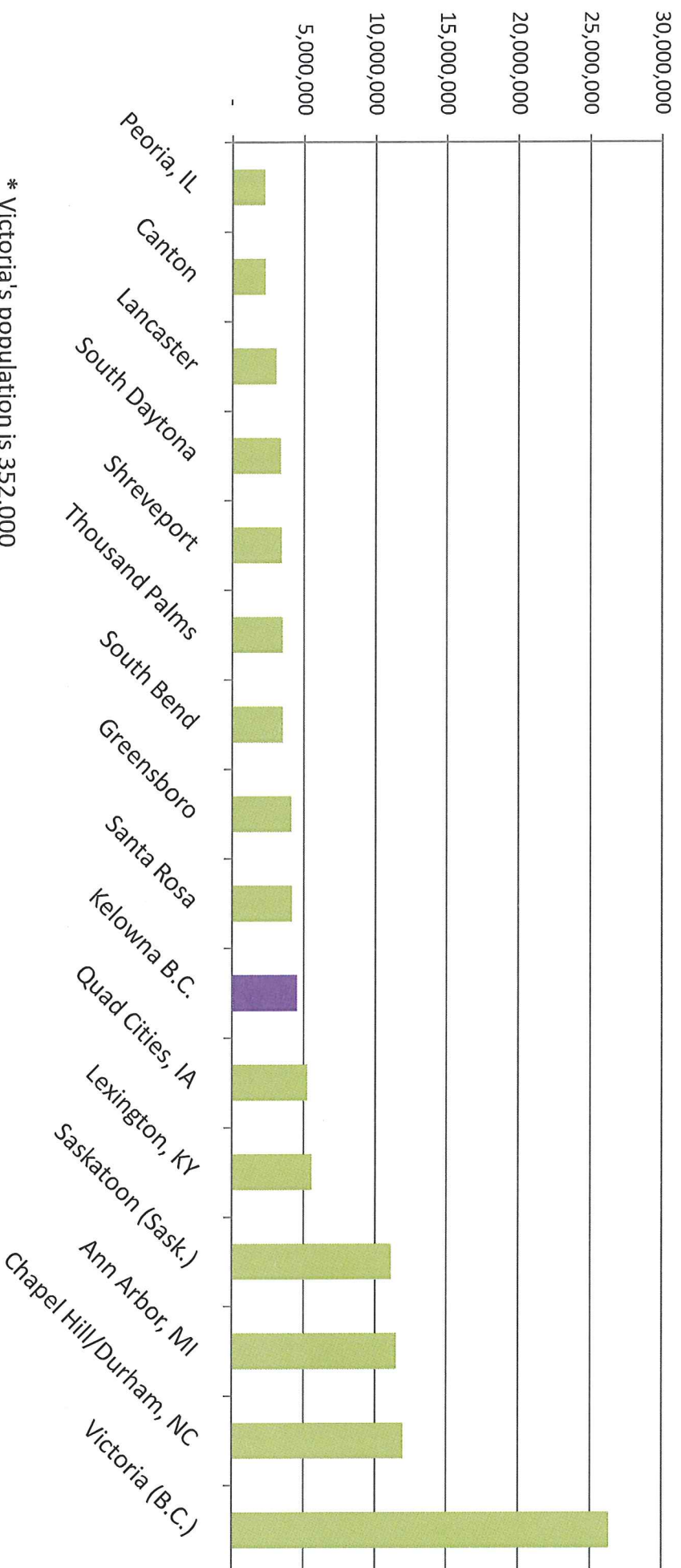
Communities 160,000 - 188,000



In 25 Years, where does Kelowna want to be?

Ridership

Communities 250,000 - 285,000*

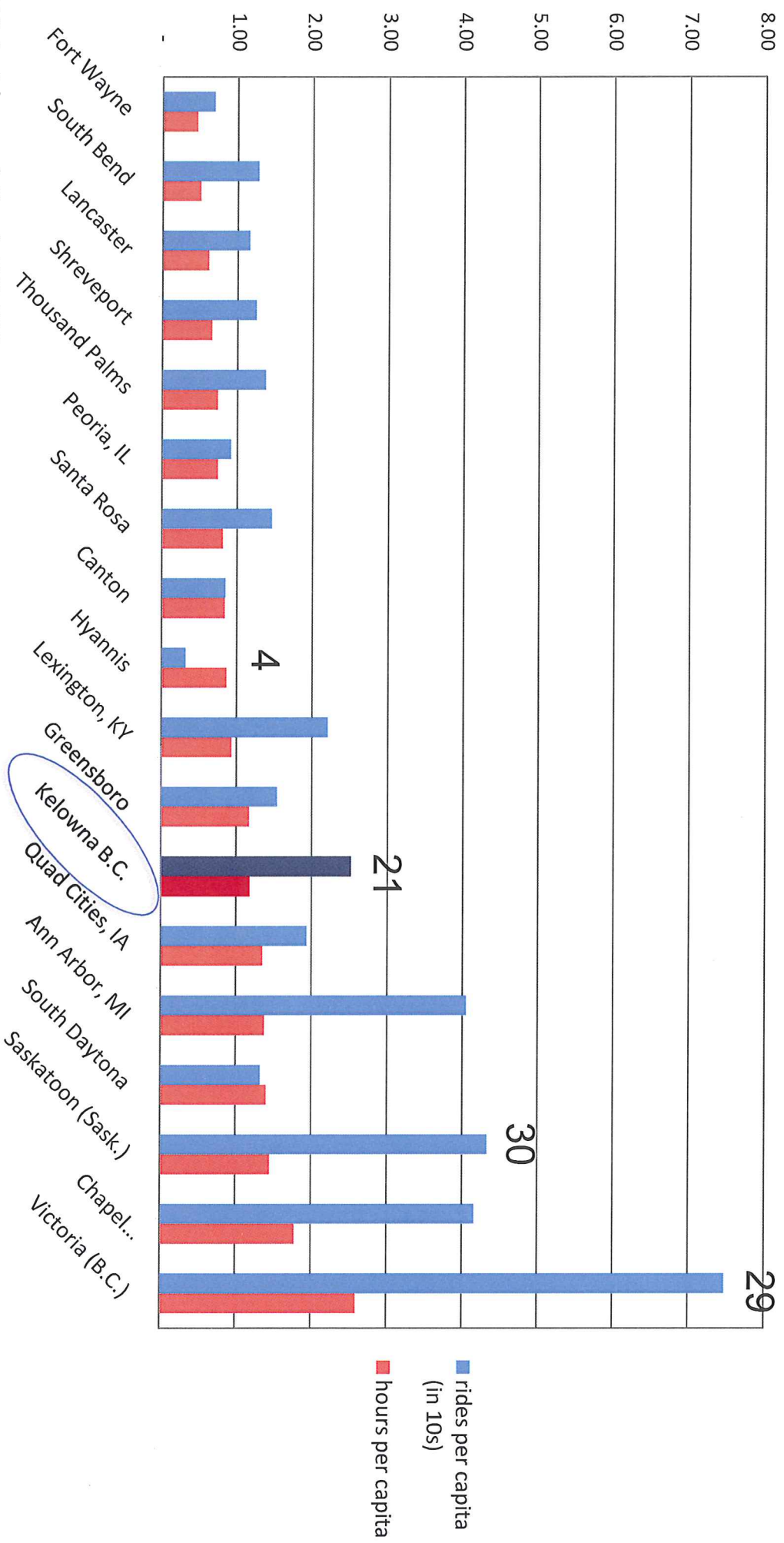


* Victoria's population is 352,000

In 25 years, where does Kelowna want to be?

Rides & Hours per Capita

Communities with population 250,000 - 285,000



* Victoria's population is 352,000

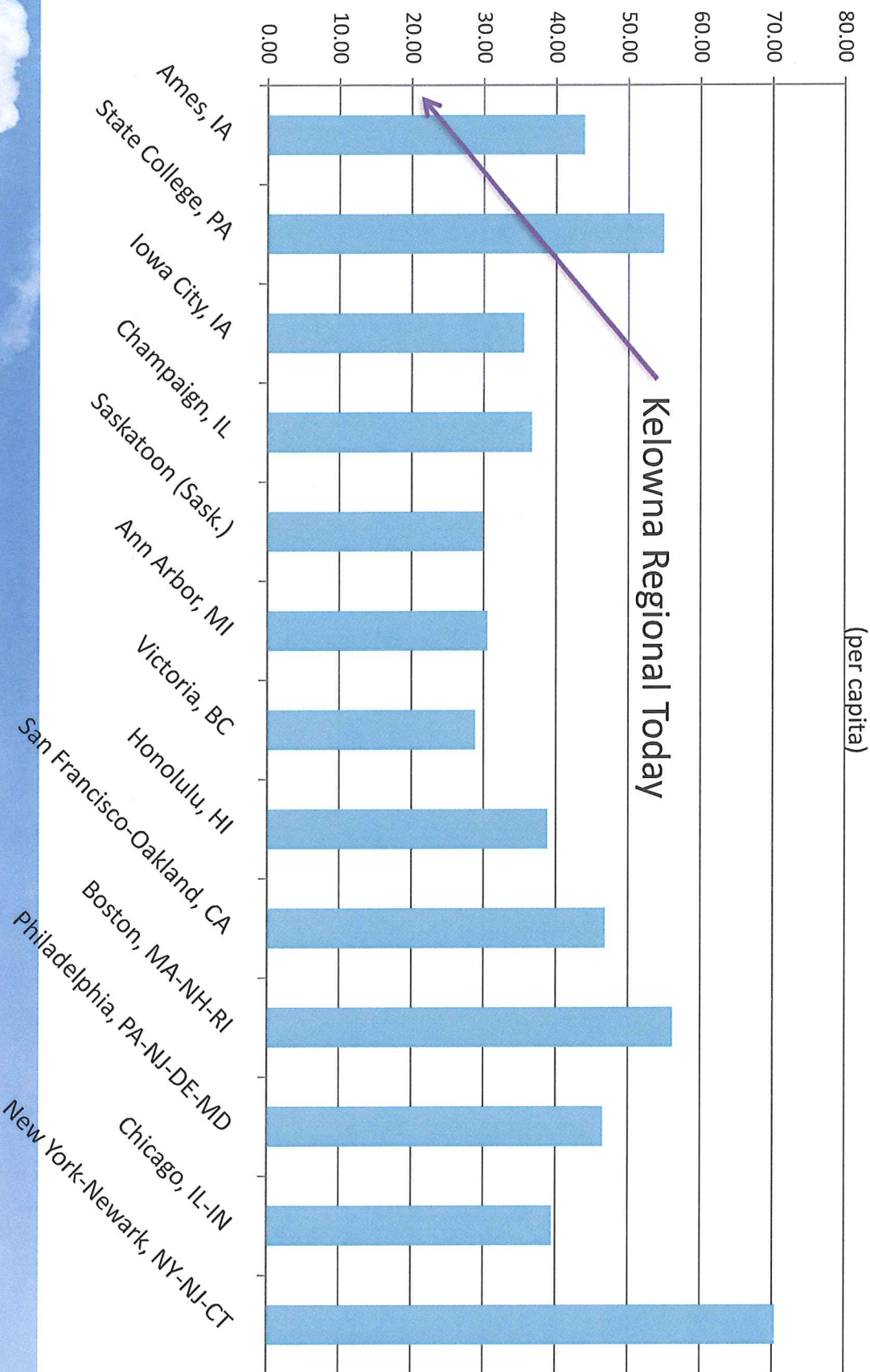
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Best of the Best – Efficiency & Ridership

Rides Per Hour (per capita)



25 YEAR TRANSIT SYSTEM DEVELOPMENT

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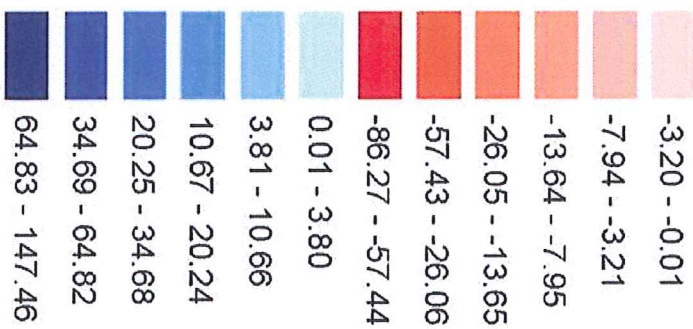
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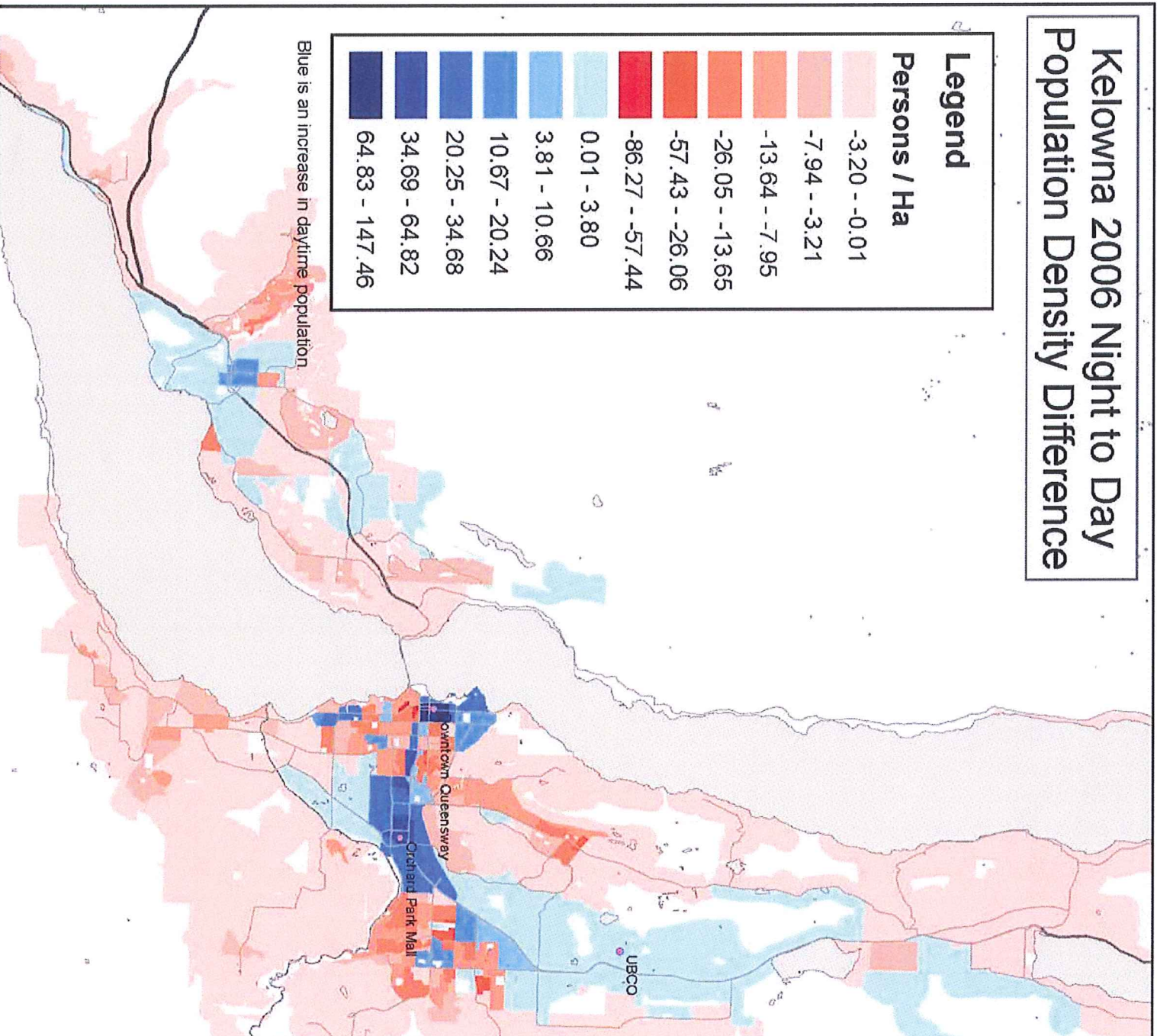
Kelowna 2006 Night to Day Population Density Difference

Legend

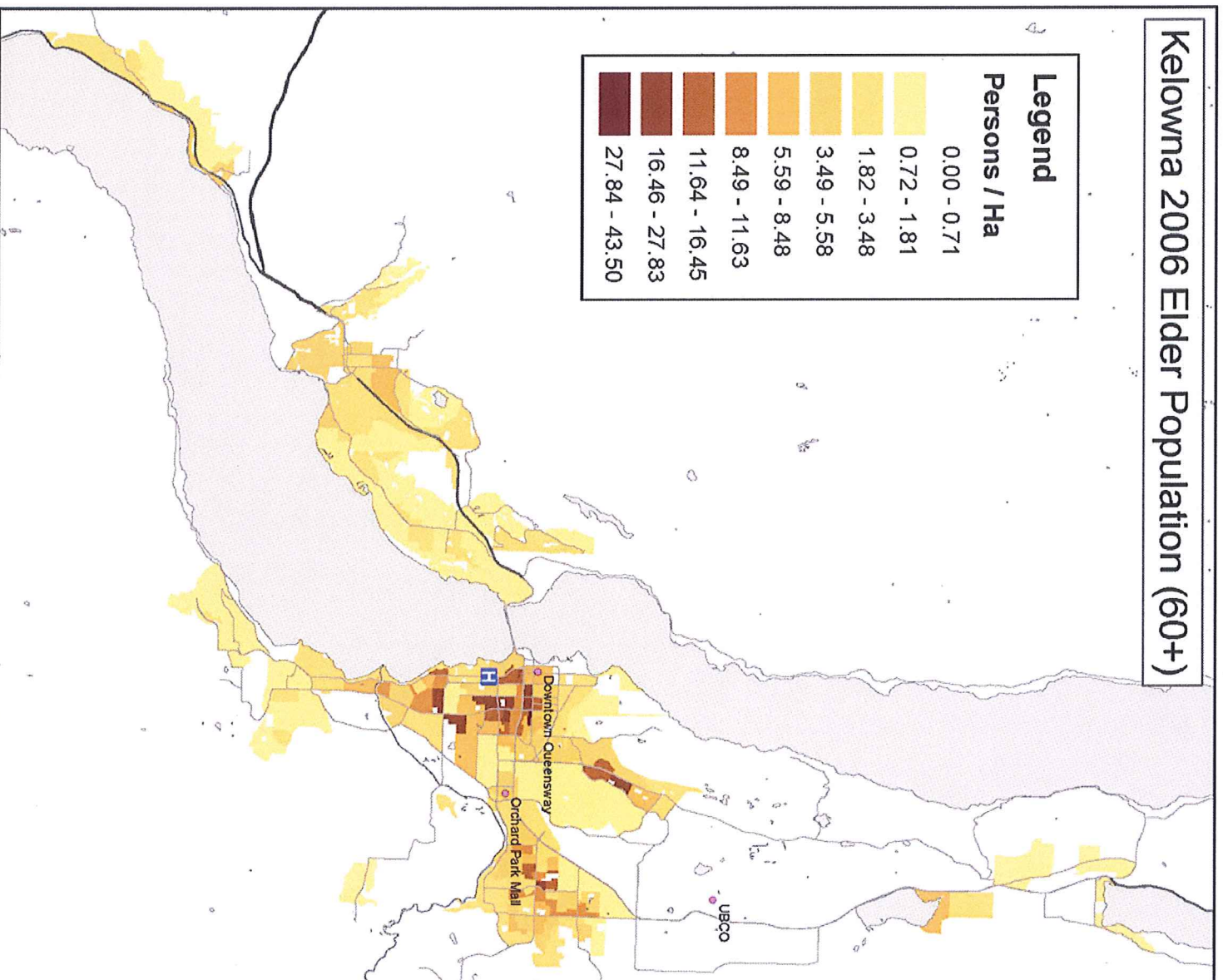
Persons / Ha



Blue is an increase in daytime population.

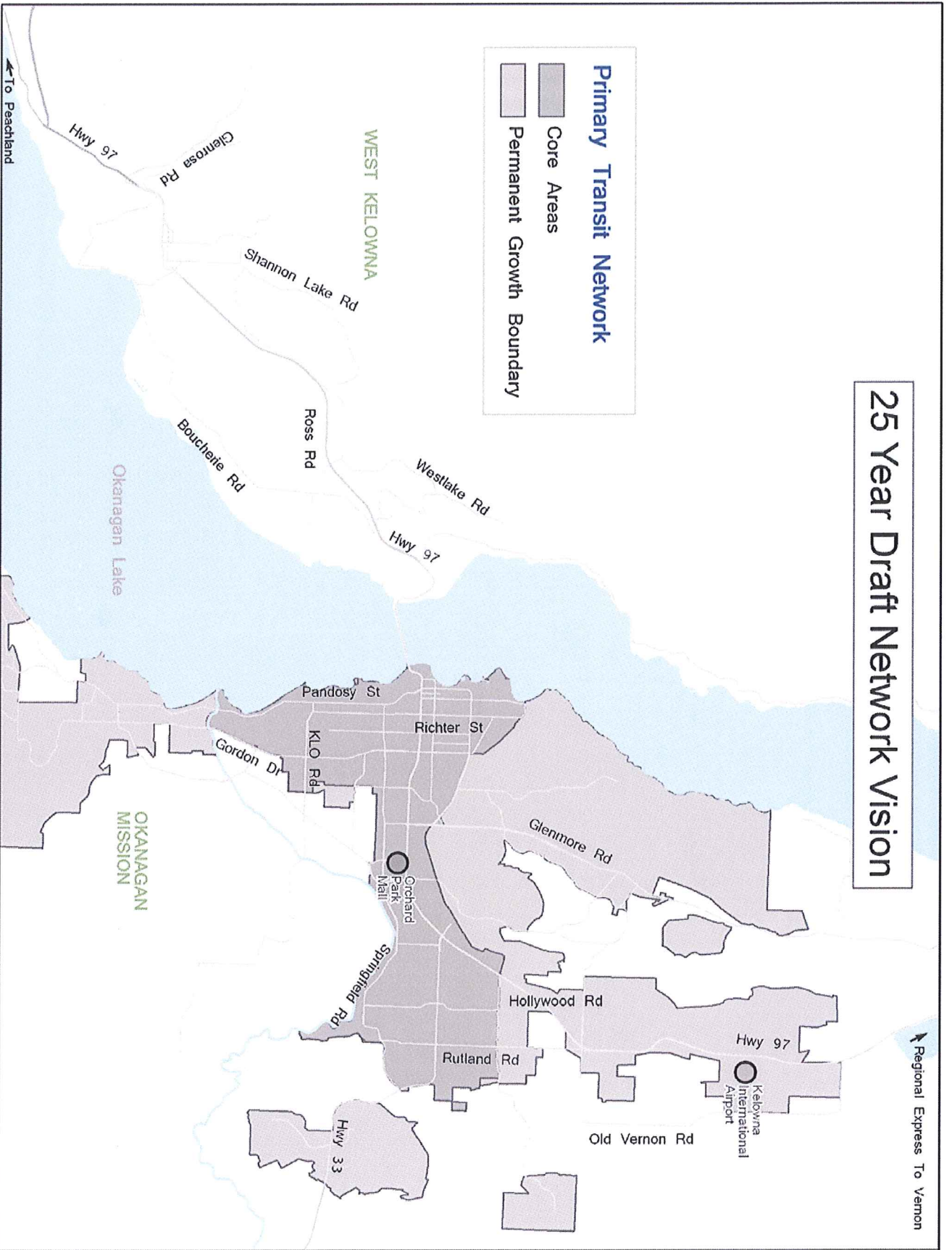


Kelowna 2006 Elder Population (60+)

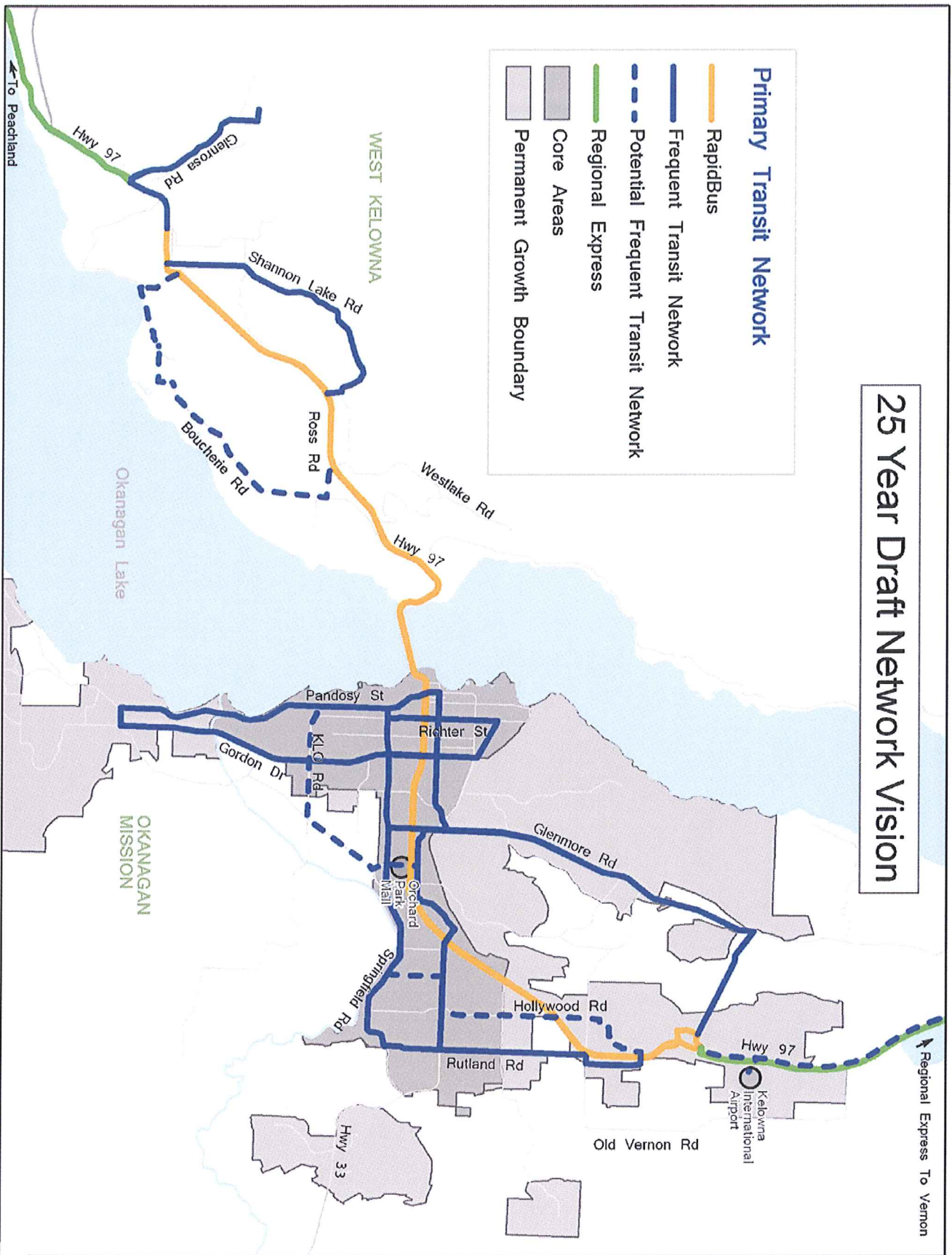


Source: Statistics Canada, 2006 GeoSuite - 100% Sample Data.
Mapped by Monitoring & Forecasting, BC Transit. (not for re-distribution)

25 Year Draft Network Vision



25 Year Draft Network Vision



Master Plan Next Steps

- Network Vision to District of West Kelowna
- 25 Year fleet and facilities identification
- Implementation development with staff & stakeholders
- Council to review implementation draft in October

THANK YOU

Michelle Orfield, BC Transit

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