

CITY OF COURTENAY

TRANSPORTATION MASTER PLAN + LAND USE PLAN VISION



Project Team



MORRISON HERSHFIELD



O2 Planning + Design



City of Courtenay

Introduction

- Study Process Overview
- Existing Transportation and Land Use System
- OCP And RGS Goals
- TMP Vision
- Next Steps

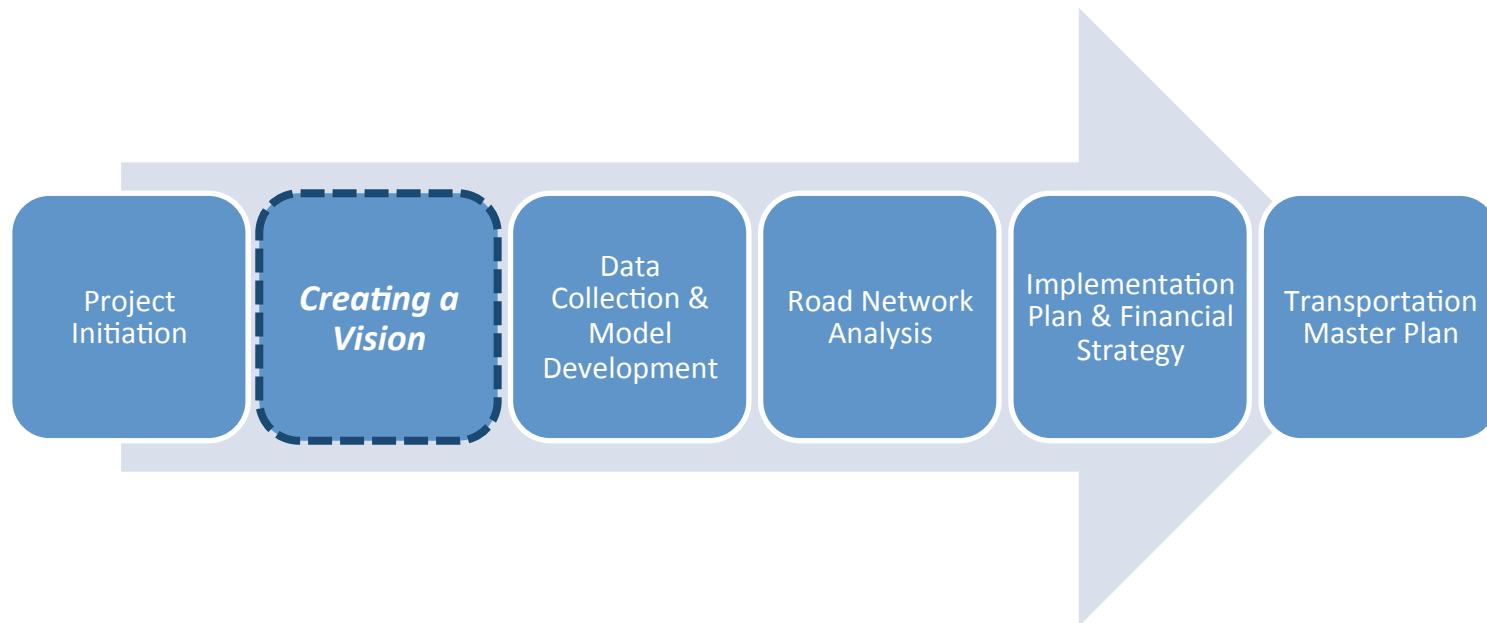


Study Process Overview

Project Initiation: August 2012

Project Completion: Winter 2013

- The TMP study will improve how Courtenay residents travel, access destinations, and enjoy their city.
- The vision will provide clear standards and guiding principles for the provision of transportation infrastructure and services.



Existing Transportation and Land Use Systems



LAND USE

- Single-family residential
- Large-format retail
- River frontage

TRANSPORTATION

- Car-focused arterial roads
- Avid walking and cycling communities
- Low transit ridership rates



OCP + RGS Goals

Plan for population and employment growth.

Courtenay is anticipated to grow from approximately 24,000 people to 42,000 people by 2037.

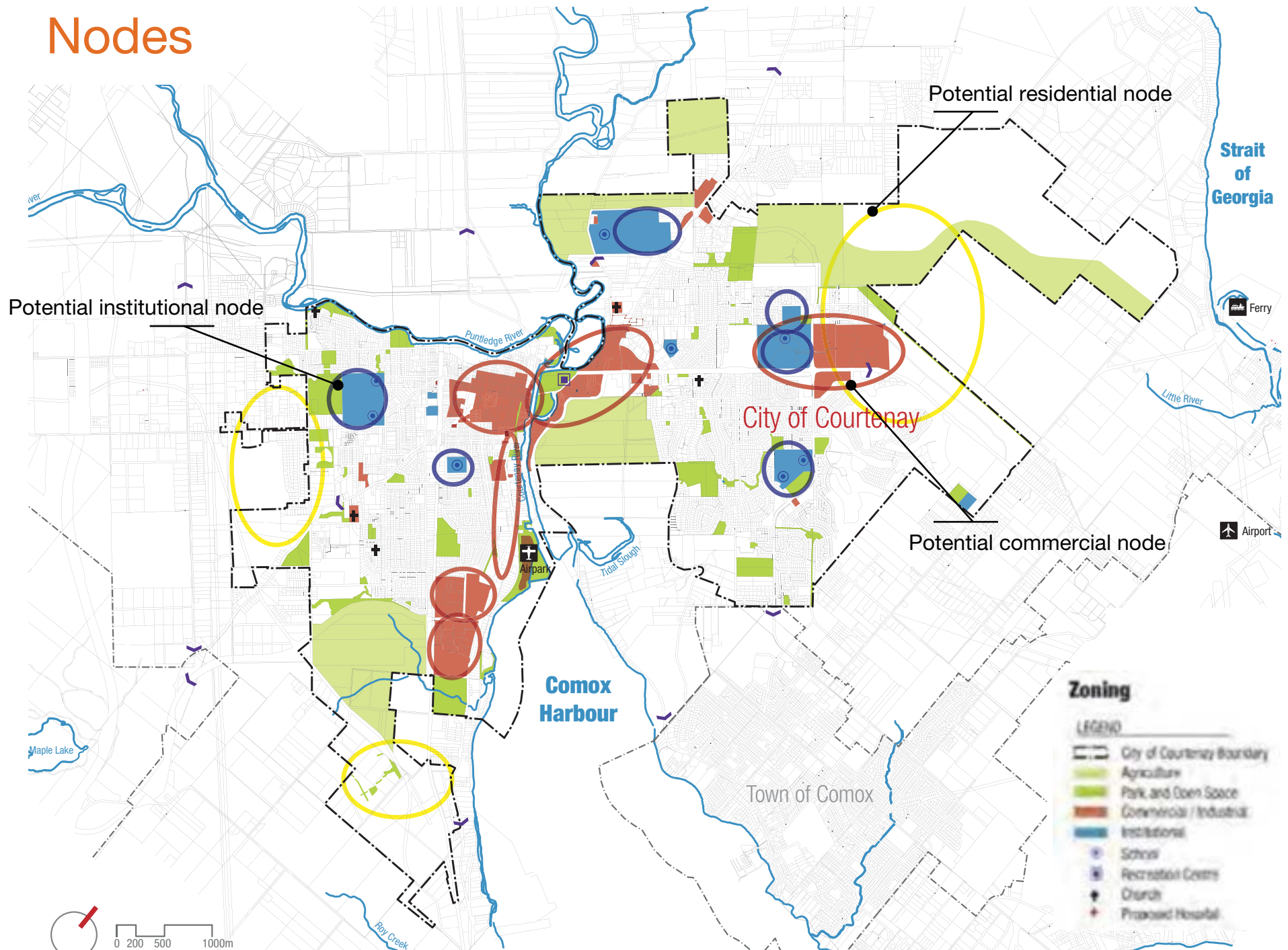


Reduce greenhouse gas emissions by 20%.

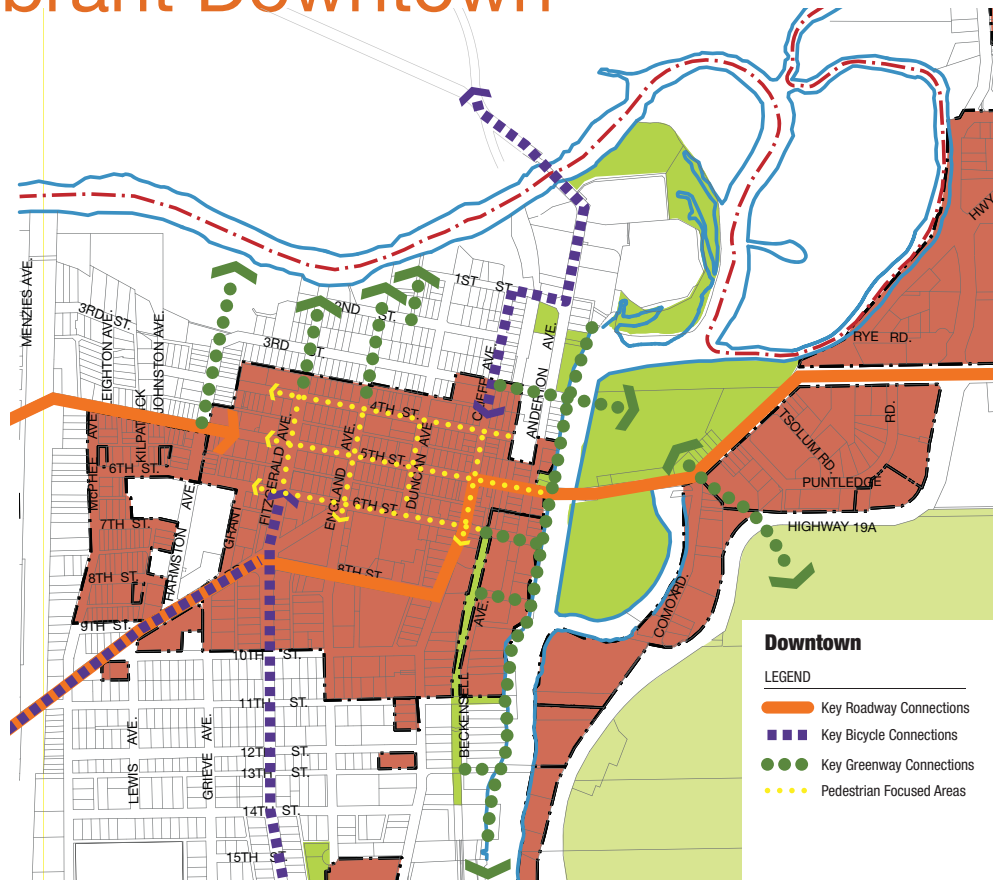
Encourage greater use of walking, cycling and transit.



Nodes



Vibrant Downtown



- Mixed-use development promotes a vibrant downtown atmosphere.
- Opportunities for increased density lead to compact urban form.
- Ideal, accessible location for new institutional and office uses.



Accessible Commercial Nodes



Commercial nodes are integrated with the urban fabric and offer significant opportunities for achieving density increases.



Directed Residential Growth

New residential neighbourhoods support community services and promote accessible, connected development patterns.

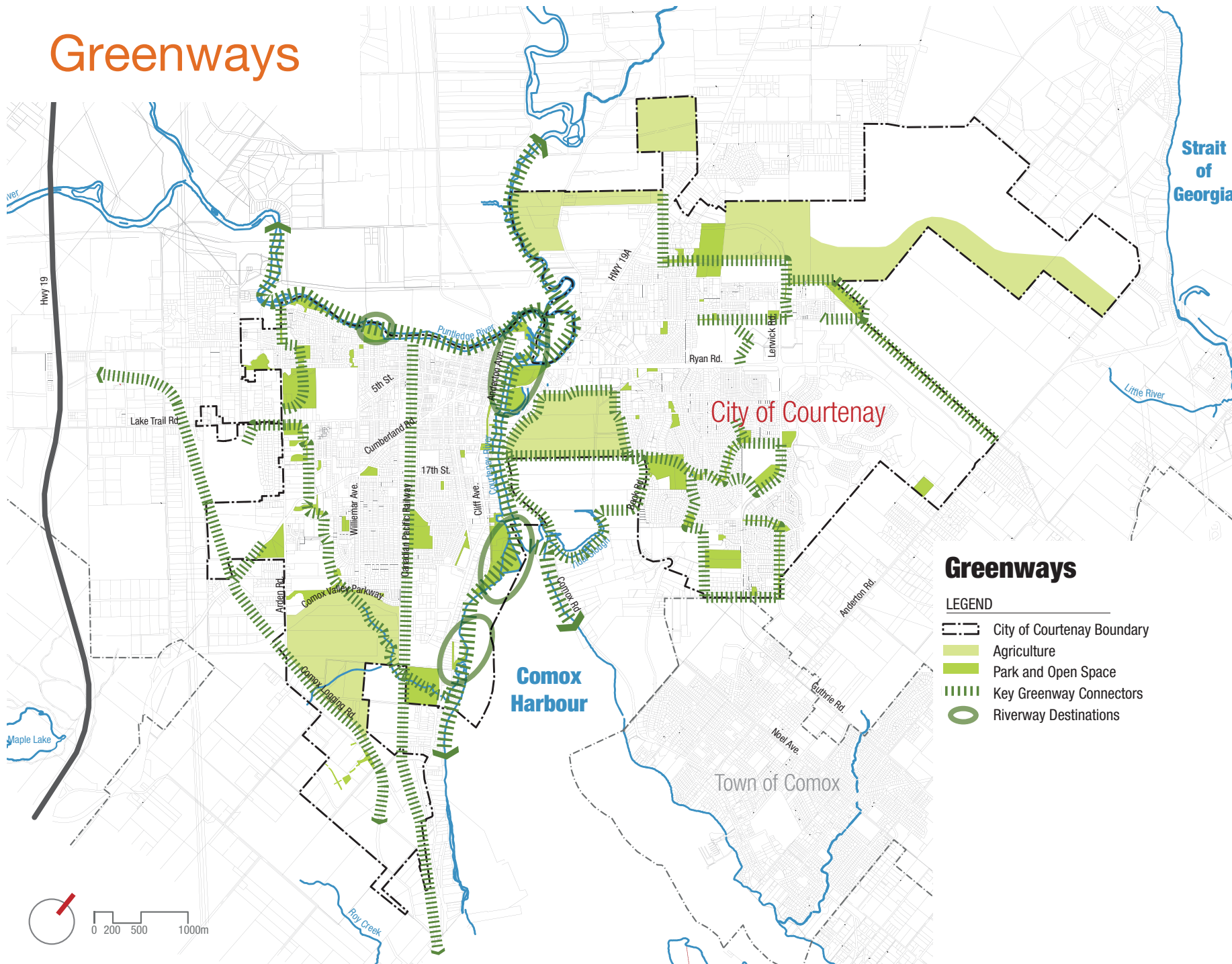


“Lollipop” land use pattern in a new residential development in East Courtenay.



Sample “fused grid” land use pattern proposed for a residential development in Calgary, Alberta.

Greenways



Greenways

LEGEND

- City of Courtenay Boundary
- Agriculture
- Park and Open Space
- Key Greenway Connectors
- Riverway Destinations

A Destination Riverway

Create destination parks and open spaces along the river.

The river frames the south-eastern entry to the City, becoming a new multi-use destination.



A Complete Bikeway + Pathway System



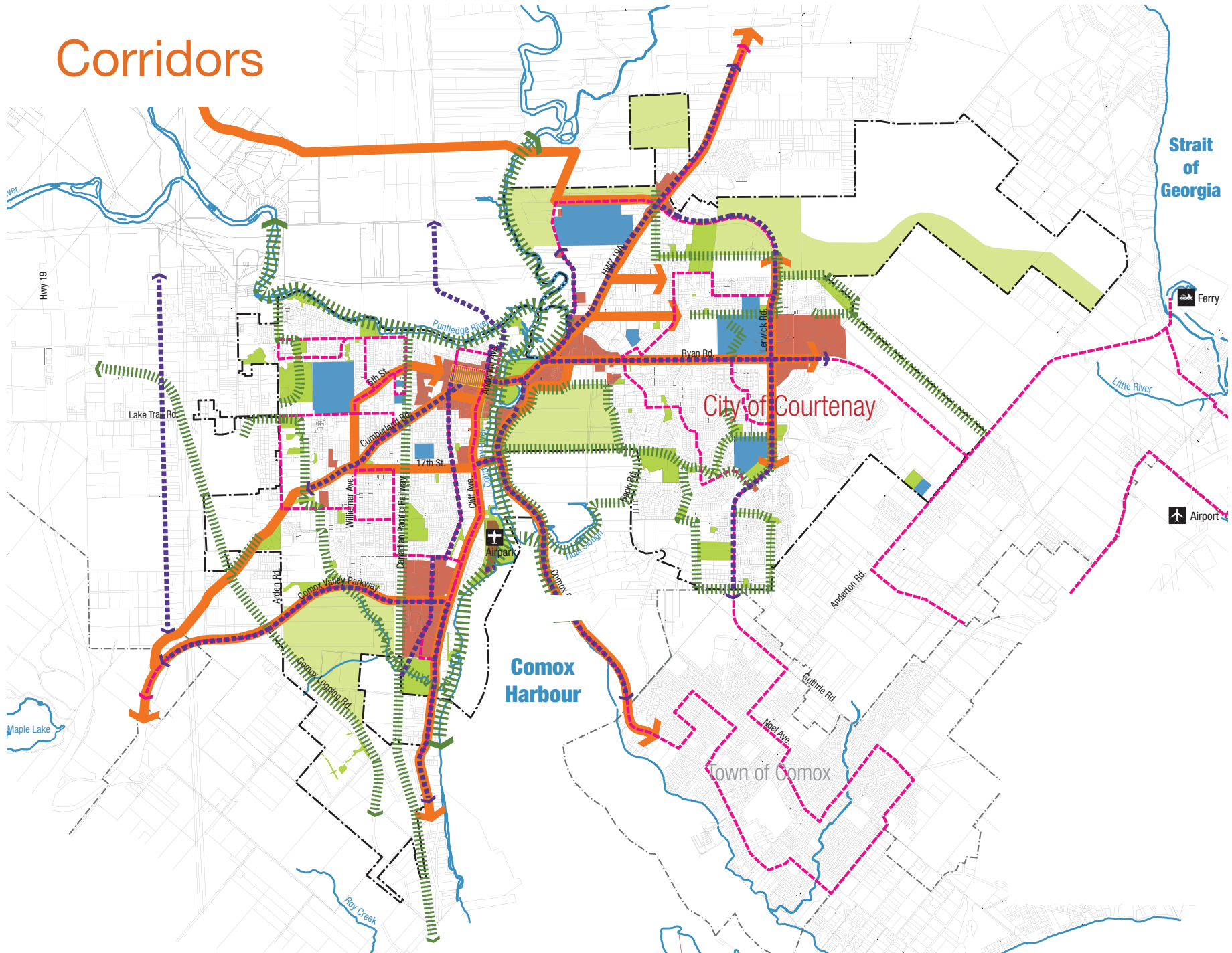
- The river, parks and open spaces are linked in a complete system.
- Pathways and bikeways connect to downtown and other destinations.
- Dedicated cycle lanes encourage cycling and improve safety.

Integrated Environmental Features



Environmental infrastructure provides high-quality aesthetic design and extends the greenway system through urbanized areas.

Corridors



A Road Network Hierarchy

A defined road network hierarchy manages traffic flow. Key automotive, bicycle, transit and recreational corridors provide multi-modal access to destinations.



The System Accommodates All Needs, Ages + Abilities



Complete Streets Enhance the Public Realm



Streets are public spaces that support a variety of uses and experiences.



PAVEMENT

4M SIDEWALK

PAVEMENT
VEGETATED CURB
EXTENSIONS

BICYCLE LANE

TRAVEL LANE

TRAVEL LANE
BUS ROUTE

TURNING LANE
MEDIAN

MEDIAN
VEGETATED STRIP
GREEN INFRASTRUCTURE

TRAVEL LANE

TRAVEL LANE
BUS ROUTE

BICYCLE LANE

PAVEMENT
VEGETATED CURB
EXTENSIONS

4M SIDEWALK

PAVEMENT

Where We Are Going



Nodes



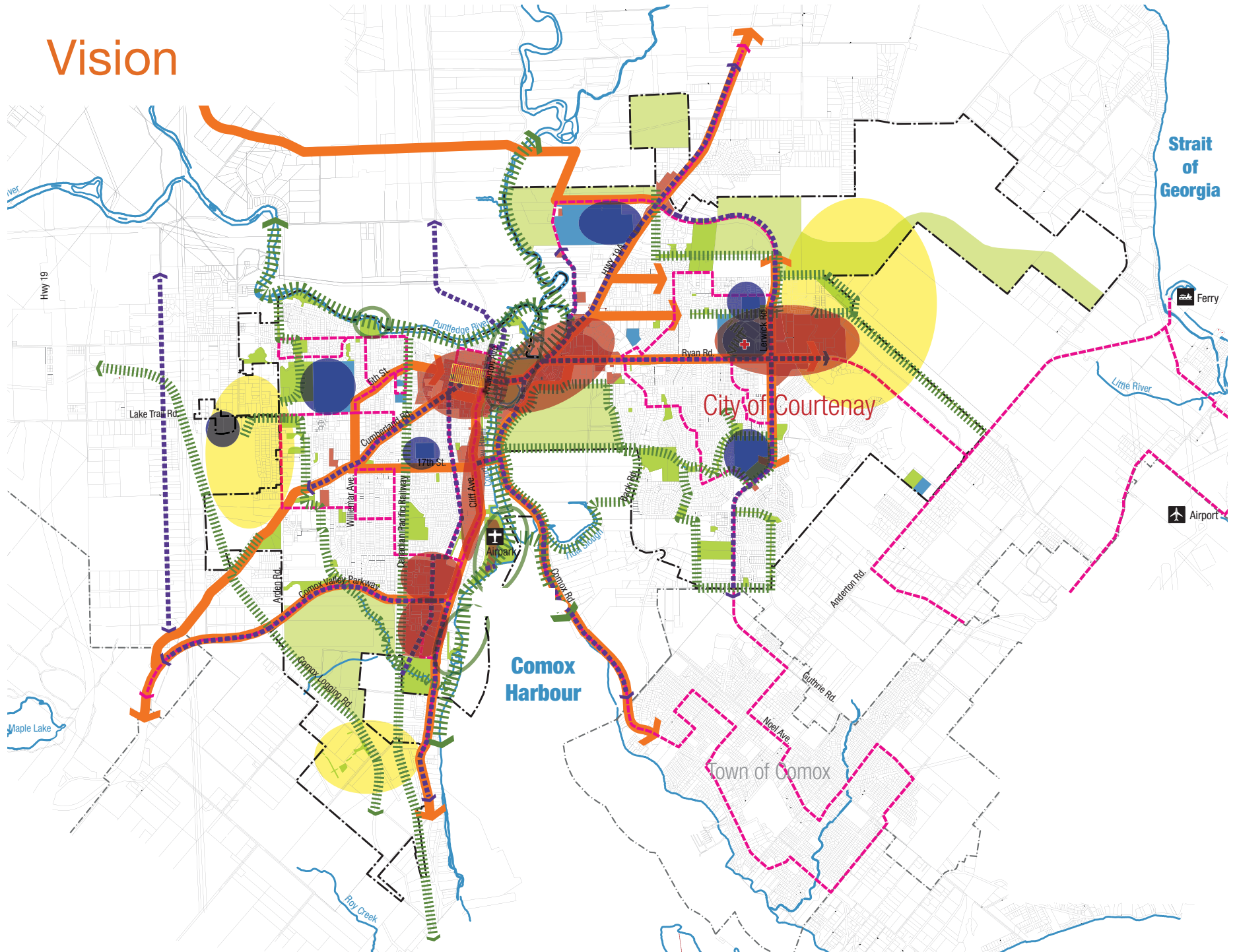
Greenways



Corridors



Vision



Next Steps

Consult with stakeholders and members of the public: **October 16, 2012.**

In-depth analysis of transportation system.

Develop recommendations.

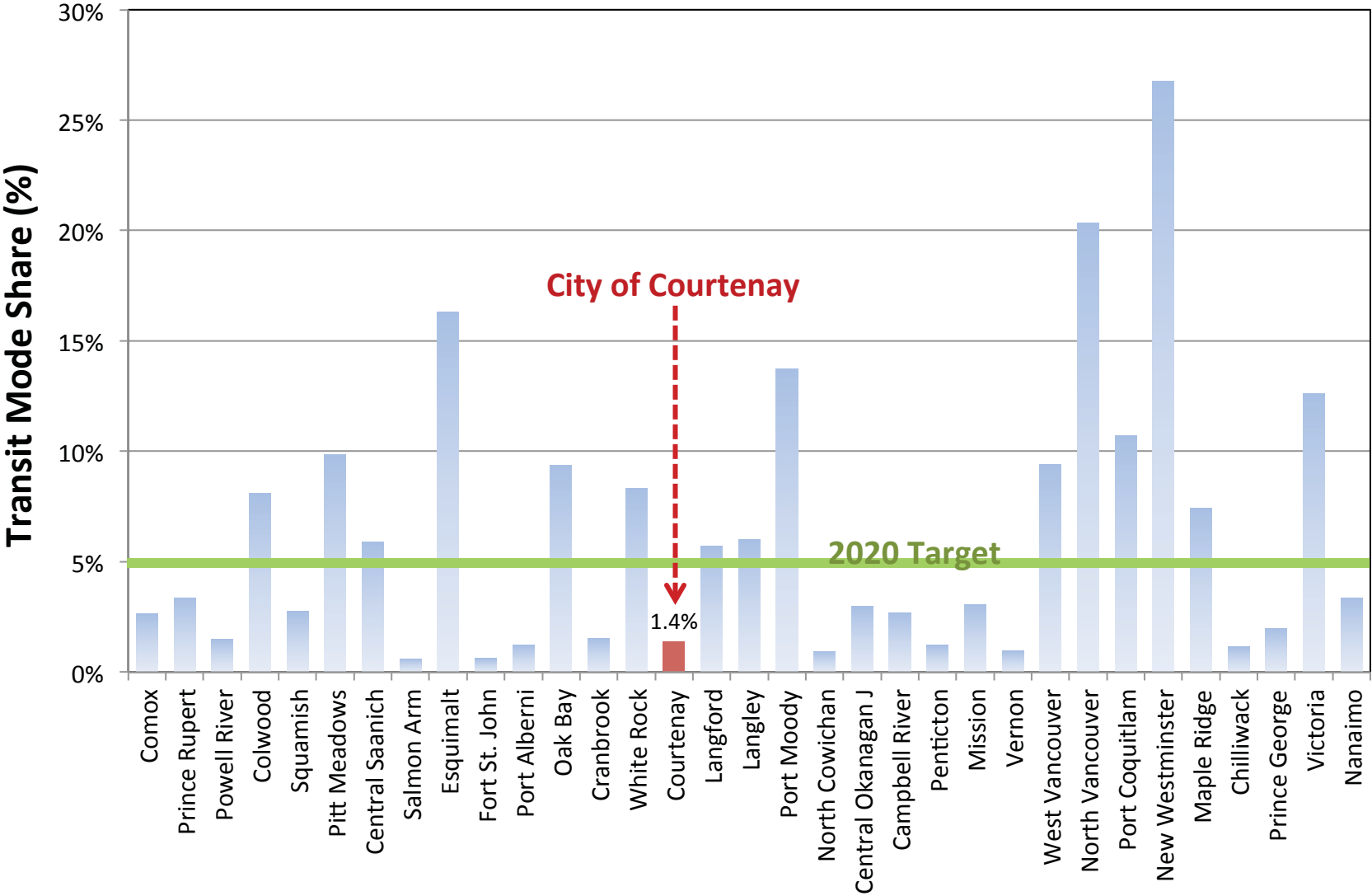
Prepare implementation strategy.

Project completion: **Winter 2013.**



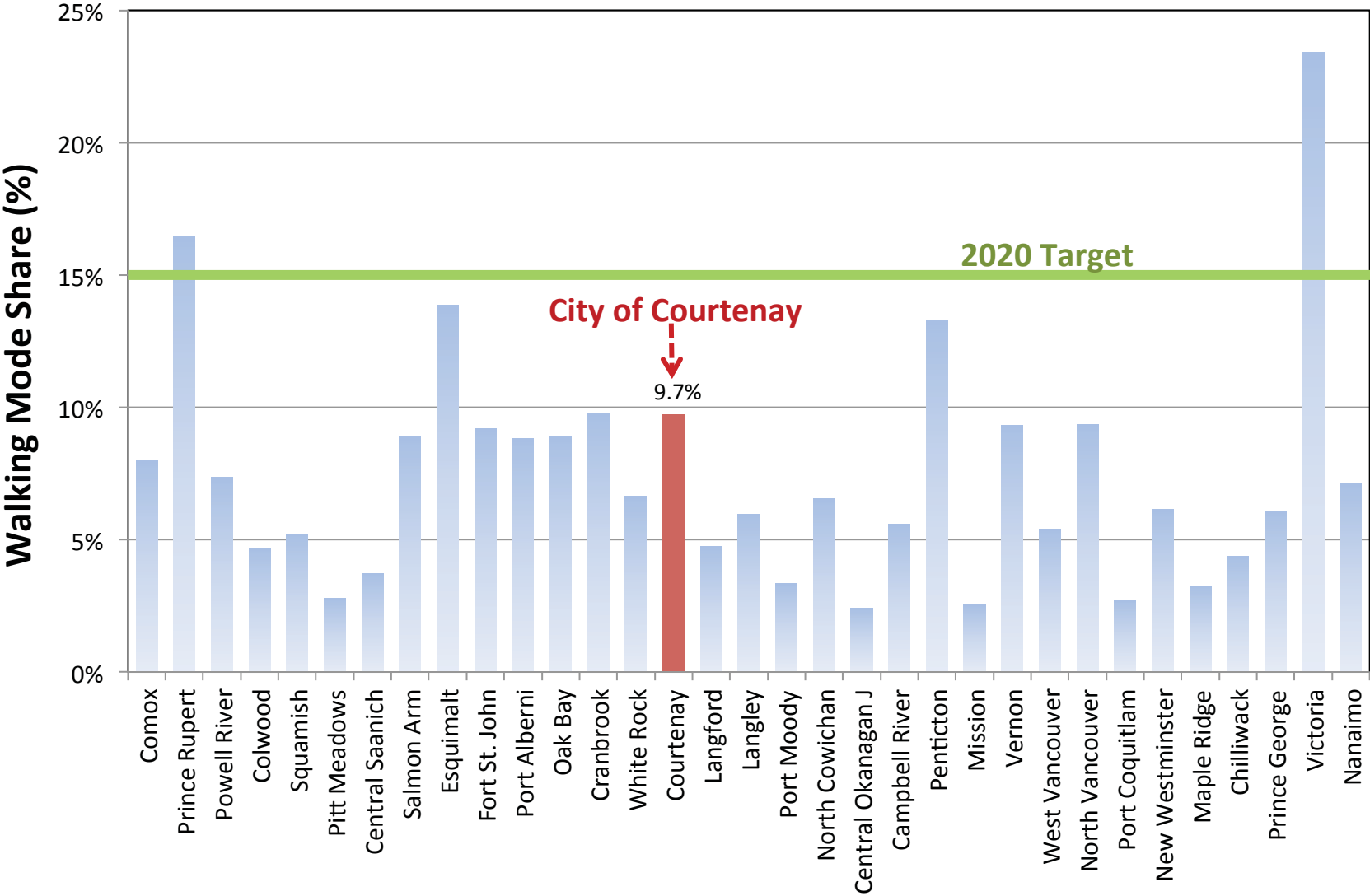
Transit Modal Share Goal

Journey-to-Work **Transit** Modal Share (2006)



Walking Modal Share Goal

Journey-to-Work Walking Modal Share (2006)



Cycling Modal Share Goal

Journey-to-Work **Cycling** Modal Share (2006)

