Central Okanagan Integrated Transportation Strategy (CO-ITS)

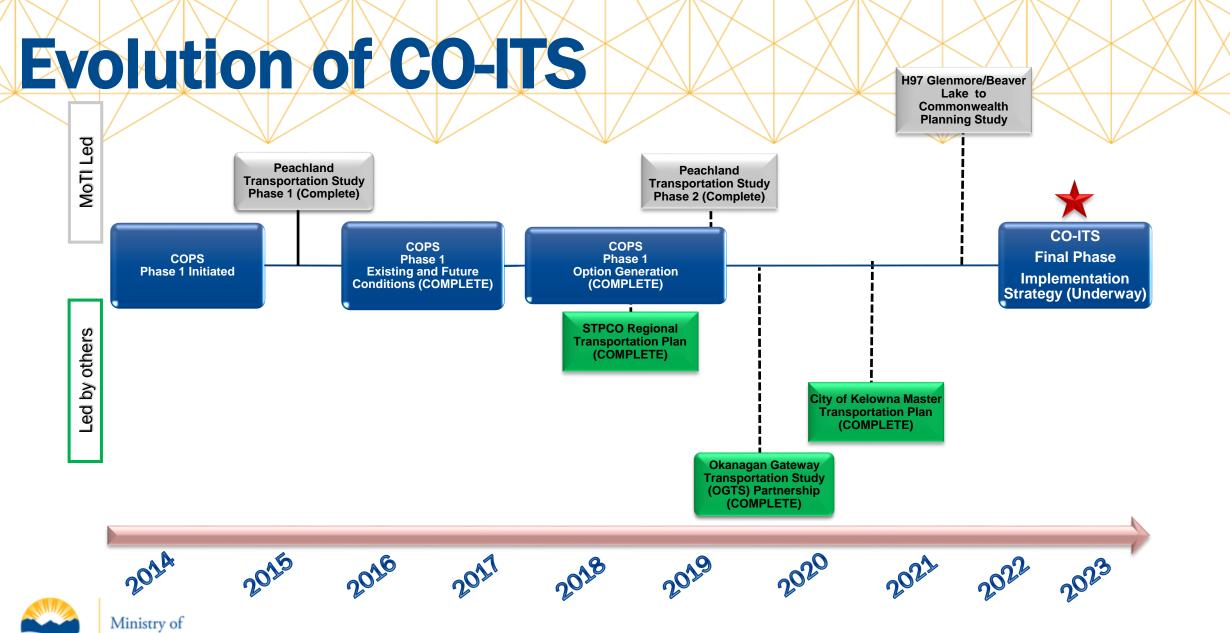
Council – Final Update

January 2023



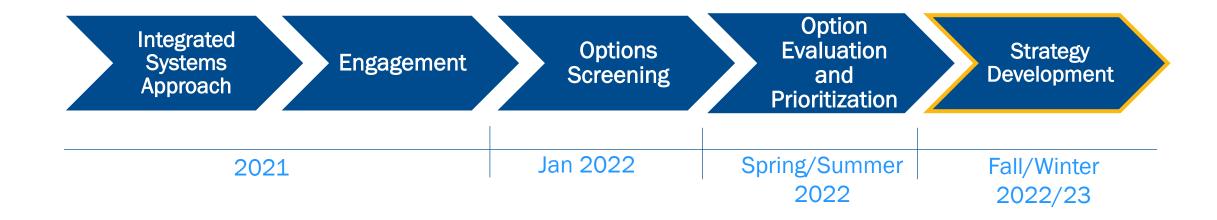
AGENDA

- Evolution of CO-ITS
- Project Status
- Guiding Principles
- Functional Classification & Land Use
- Equity, Diversity & Inclusion
- Integrated Engagement Strategy
- Options Strategy
- Priorities
- Project Development Stages
- Next Steps



COLUMBIA

CO-ITS Project Status





Guiding Principles



Diversity and Inclusion (GBA+)

Sex Gender

Sex Gender

Comme

- Mainstreaming GBA+ throughout project
- Focused workshop
- Disaggregated data collection and analysis
- Geographic analysis
- Engagement with identified sub-group organizations
- GBA+ indicators for project evaluation

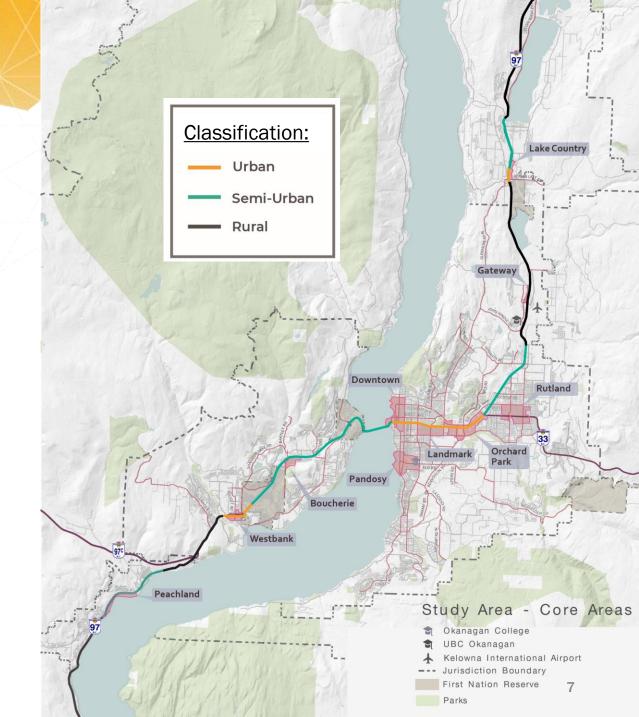
Sub-groups Engaged:

- Lake Country Health
- Accessible Okanagan
- Pathways Ability Society
- Interior Health
- Westside Network
- UBC Students Union
- Okanagan Family & Childcare Society
- John Howard Society
- Kelowna Community Resources
- City of Kelowna Recreation



Functional Classification

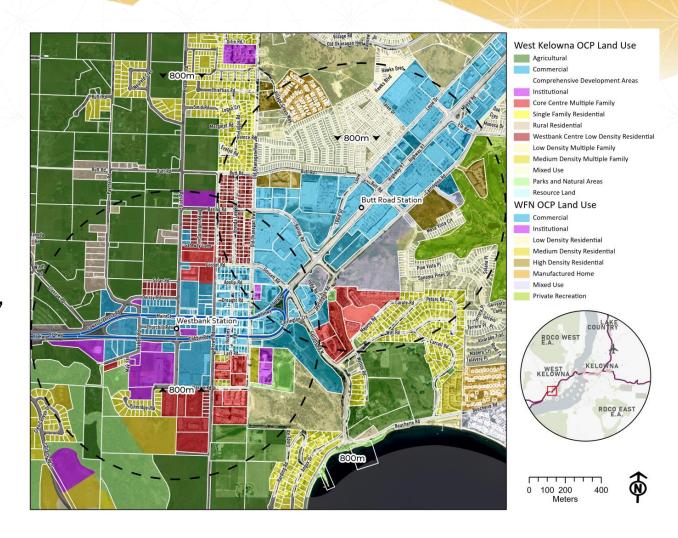
- Informs the planning, design and operation of the corridor
- CO-ITS proposes a new functional classification system for Highway 97
 - Updated based on feedback from local communities
 - Moved away from the vision of a uniform, highspeed freeway through the region
- Highway 97 transitions between rural, semiurban and urban functionality





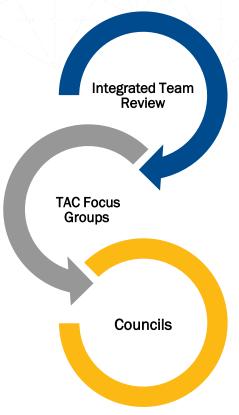
Land Use

- Densification of urban centres to support transit-oriented development
- Enhance more affordable and sustainable transportation choices
- Align highway form with local context
- Identify opportunities for partnerships, including strategic land acquisitions





Integrated Engagement Strategy



Integrated Team

- Ministry of Transportation and Infrastructure
- Municipal and Regional Governments
- Indigenous Governments
- BC Transit



Options Strategy







Integrated Land Use & Supportive Policies

Supports development of affordable housing Promote more energy efficient options

(Transit, AT)

Leverage transportation improvements to attract investment

Reduced need to travel

Co-benefits impact wider cross-section of the public



Integrated Land Use & Supportive Policies

Collaborative, systems-based approach to transportation planning



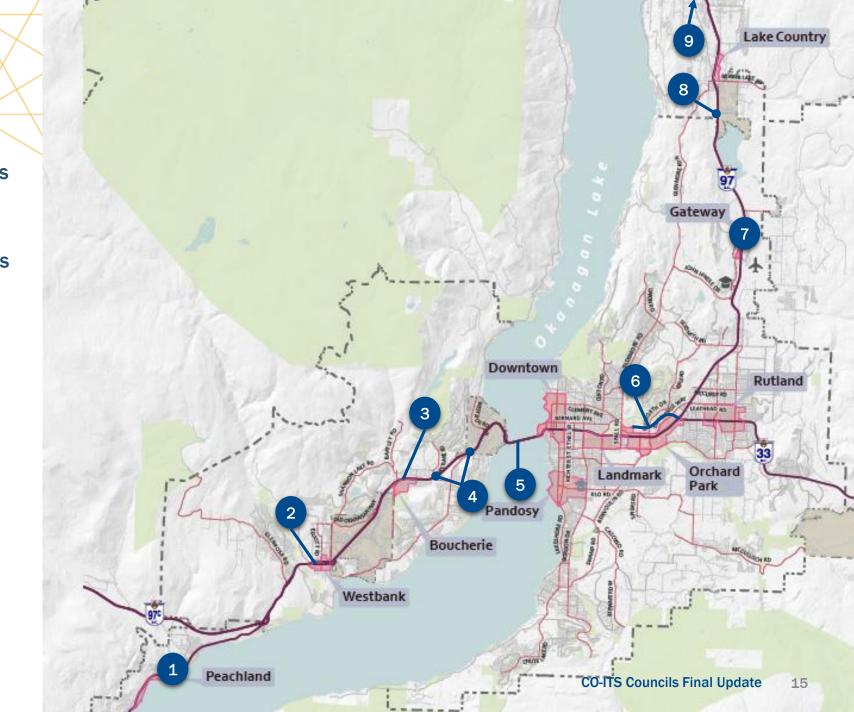
Roads

Greater Reliability of Increase access to people moving goods transportation capacity modes and movement choices Safety and Align with Resiliency of community goals and key connections objectives



Roads

- 1. Highway 97 Peachland Improvements
- 2. Highway 97 Couplet Removal
- 3. Boucherie Centre Improvements
- 4. Boucherie and Westlake Interchanges
- 5. W.R. Bennett Bridge Improvements*
- 6. Clement Avenue Extension
- 7. Gateway Improvements
- 8. Commonwealth Road Improvements
- 9. Highway 97 / Crystal Waters Road





Supports development of affordable housing

Promote more energy efficient options

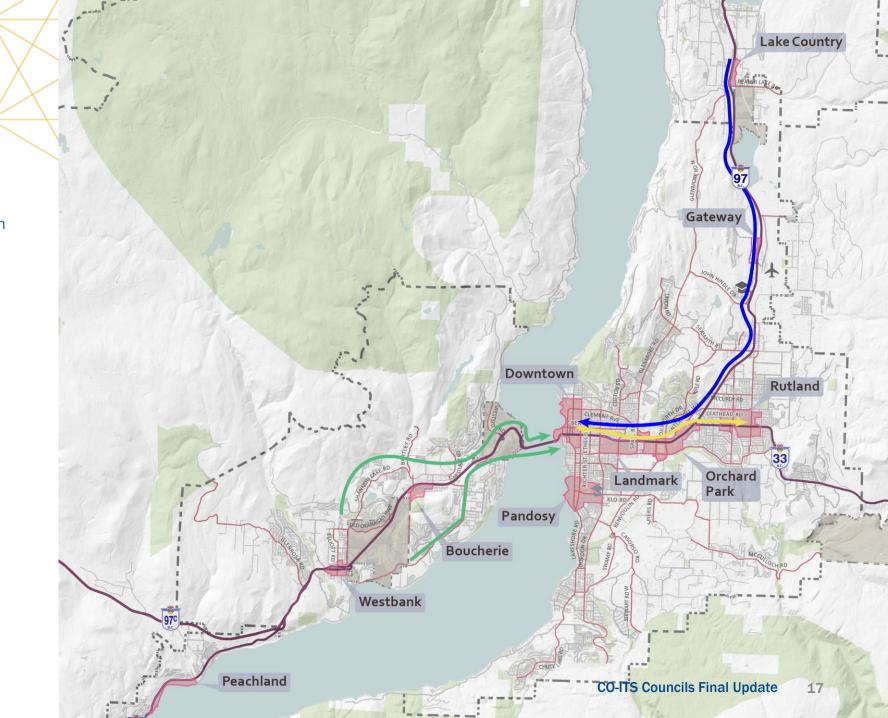
Ensure a reliable and attractive transit service

Improve safety and resiliency of key connections between rural and urban areas Enable all residents to fully participate and contribute to the economy



Build transit ridership

- 1. "Across the Lake" West Kelowna to Downtown
- 2. Downtown Orchard Park Rutland
- 3. Lake Country Orchard Park Downtown



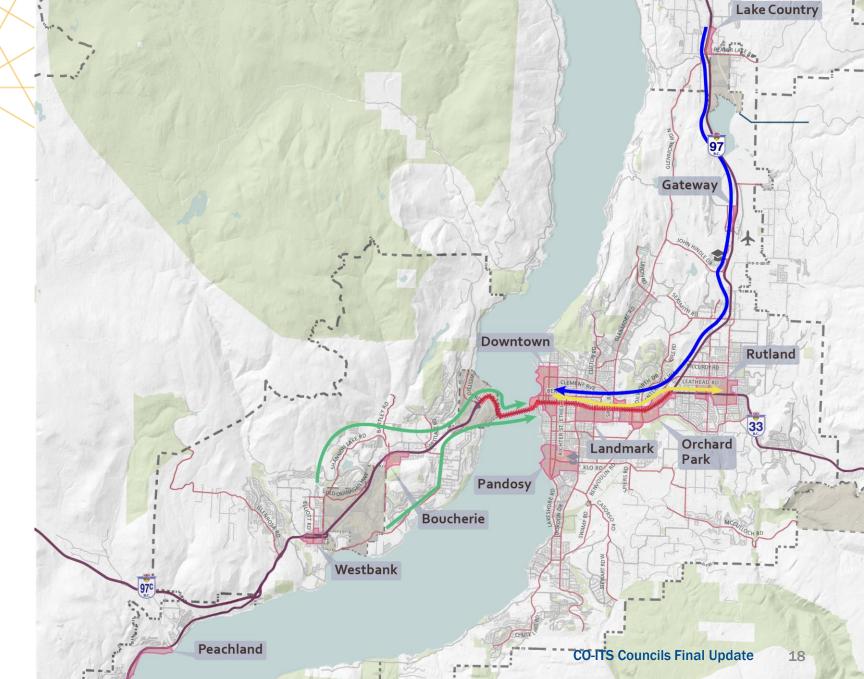


Build transit ridership

- 1. "Across the Lake" West Kelowna to Downtown
- 2. Downtown Orchard Park Rutland"
- 3. Lake Country Orchard Park Downtown

Make transit more efficient and convenient

- 4. Eastbound Shoulder Bus Lanes
- 5. WR Bennett Bridge (Eastbound Bus-Only Lane)
- 6. Transit Priority (Abbott to Highway 33)
- 7. Transit Priority (Median Transit Lane)





Build transit ridership

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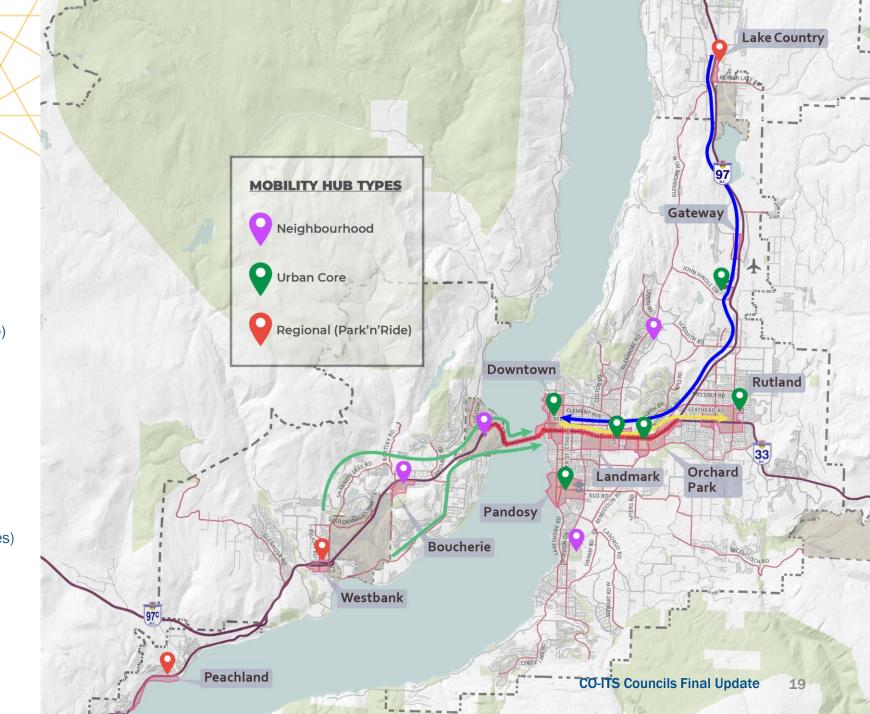
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Improve access to transit

- Regional Mobility Hubs: Peachland, Westbank,
 Rutland, and Lake Country
- Urban Core Mobility Hubs: UBCO, Landmark, Downtown, South Pandosy (examples)
- Neighbourhood Mobility Hubs: Rutland, Lower Mission, Boucherie Centre, Glenmore (examples)





Active Transportation

Supports development of affordable housing Promote more energy efficient options

Enabling greater access to transportation choices and modes

Enhance interregional
transit and
cycling
connections

Co-benefits impact wider cross-section of the public

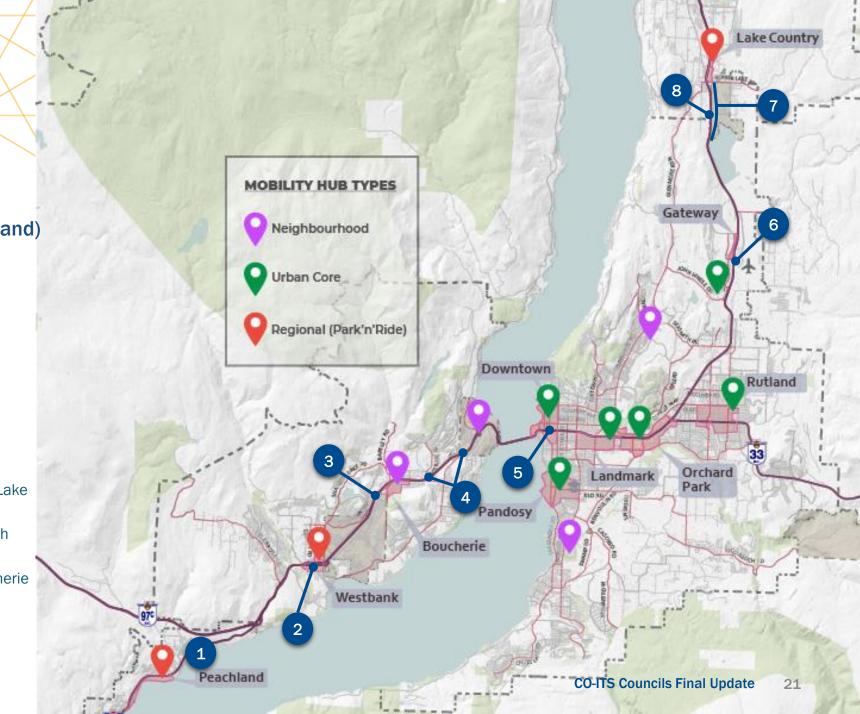


Active Transportation

- 1. Westside Trail (West Kelowna to Peachland)
- 2. Brown Road Overpass
- 3. Daimler Road Overpass
- 4. Boucherie and Westlake Interchanges
- 5. Bertram Multi-Use Overpass
- 6. Airport Way Interchange
- 7. Okanagan Rail Trail
- 8. Commonwealth Road Interchange
- 9. Mobility Hubs
 - Regional: Peachland, Westbank, Rutland, and Lake Country
 - Urban Core: UBCO, Landmark, Downtown, South Pandosy (examples)
 - Neighbourhood: Rutland, Lower Mission, Boucherie Centre, Glenmore (examples)



Ministry of Transportation and Infrastructure



Priorities based on Evaluations

Transit

Regional Transit Route Enhancements

Regional Mobility Hubs

Highway 97 Transit Priority (Interim Options)

Roads

- •Highway 97 Peachland Improvements
- •Highway 97 Boucherie and Westlake Interchanges
- •Clement Avenue Extension
 - •Commonwealth Road Improvements
 - •Highway 97 Couplet Removal

Active Transportation

Westside Trail

Okanagan Rail Trail

Bertram Multi-Use Overpass



Ministry of Transportation and Infrastructure

Project Development Stages

Current Funding Approval

Infrastructure Planning

Preliminary Design

Functional Design

Detailed Tender and Construction

Data Collection

Problem Definition and Condition Assessments

Concept Generation and Assessment

First Nations, Local Government and Stakeholder Engagement

Concept Plan

Refine planning solution and define geometric design

Advanced Archaeological, Cultural, Geotechnical and Environmental Assessments

Value Analysis

First Nations, Local Government and Stakeholder Engagement

Business Case

Refine Preliminary Design

Ground Survey

Continue Investigations and Design for Geotechnical, Structural, Electrical, Traffic, Environmental, Hydrotechnical, Arch Impact and Property Impacts

Value Analysis

First Nations, Local Government and Stakeholder Engagement Finalize Design

Tender Drawings and Specifications

Environmental Permitting

First Nations, Local Government and Stakeholder Engagement

Value Analysis

Advertise on Public Sites for Bids

Construction

Archaeological, Cultural, Spiritual and Environmental Monitoring

Public Communications including Project Updates and Impact Notifications



Ministry of Transportation and Infrastructure

What's Next?

Infrastructure Planning

Project Planning Preliminary Design Functional Design

Detailed Design Tender & Construction

Highway 97 Couplet Removal (Westbank)

Westside Trail

Regional Transit
Route Enhancements

- Downtown to Rutland Route
- "Across the Lake Route" Transit Plan

Regional Mobility Hubs

- Lake Country
- Rutland
- Westbank
- Peachland

Highway 97 Transit Priority

- WR Bennett Bridge
- ROW Reg's
- Interim Options

Clement Avenue Extension

Commonwealth Road Improvements

Highway 97 Peachland Improvements

Trepanier Road

Highway 97 Boucherie and Westlake Interchanges

Bertram Multi-Use Overpass





Thank you