
MEETING TYPE: Regular Council Meeting
MEETING DATE: August 20, 2024
AUTHOR: Matthew Salmon, Director of Engineering and Environmental Services
DEPARTMENT: Engineering and Environmental Services
ITEM TITLE: Regional Transportation Planning –2024 Regional Household Travel Survey
DESCRIPTION: Funding Request - District of Lake Country participation in the 2024 Regional Household Travel Survey

PURPOSE

To secure funding for the District of Lake Country to participate in the 2024 Regional Household Travel Survey.

RECOMMENDATION

THAT the 2024 Financial Plan be amended to include an expenditure of \$14,900.00, allocated equally from the Climate Action, Roads, and Transit Reserves to fund the District of Lake Country’s participation in the 2024 Regional Household Travel Survey being conducted by the [Sustainable Transportation Partnership of the Central Okanagan](#) (STPCO) under the [smartTRIPS](#) program.

EXECUTIVE SUMMARY

The central Okanagan region local governments have been collectively and individually working towards comprehensive transportation planning for more than a decade. The most recent collection of household travel data on how the public moves around the region was completed in 2018 and was used to develop the Regional Travel Demand Model and inform traffic impacts and planning. The Regional Household Travel Survey is Phase 1, which is an important data source and input to the travel demand model update, to be completed in 2024. Phase 2 will be updating the Travel Demand Model in 2025/6.

The data anticipated for the 2024 survey will include mode and choice of travel, household trips, travel patterns and trip purposes, as well as broader demographic conclusions.

Since the 2018 survey, a number of factors are influencing the need to renew important travel survey modelling:

- Post-pandemic travel behaviors have changed or evolved
- The population in the central Okanagan region has grown and recent provincial legislation associated to density may impact traffic demands and future planning
- Revisions to the Regional Travel Demand Model can be validated with updated and current information

A key overall benefit of the 2024 Regional Household Travel Survey, for all partners, will be to provide the data required to update the Regional Travel Demand Model, which is a key tool to support the planning and design of the regional transportation infrastructure needed to connect the whole area. More specifically, for Lake Country, data collected in the survey can be utilized to inform short and long term vision for community mobility improvements and transit demand planning, as well as asset management and capital project planning.

DISCUSSION/ANALYSIS

The District of Lake Country participated in the 2018 Regional Household Travel Survey as a 7% cost share partner. Data collected at the time supported legitimacy of the District's anecdotal or localized information on community travel behavior. In a region so economically, socially and geographically interconnected, it is prudent for Lake Country to be included with neighbouring communities to ensure planning context and framework is not evaluated in isolation. Similarly, it would be challenging, and not fiscally reasonable, to undertake a survey of this magnitude within Lake Country outside the cost share model.

	Historic cost share (2018)	2024	
MoTI	24%	\$88,000	✓
Vernon	18%	\$64,000	✓
Sub-Total		\$152,000	
Kelowna	69%	\$146,200	✓
Peachland	3%	\$5,500	
Lake Country	7%	\$13,900	
West Kelowna	15%	\$32,000	
RDCO	3%	\$7,400	✓
Westbank First Nations	4%	\$8,000	
Sub - Total		\$213,000	
Grand Total		\$365,000	




Figure 1 – Cost Sharing Apportionment of the 2024 Regional Household Travel Survey

It is anticipated survey information collected in 2024 will further validate and guide the District's efforts towards regional connectivity, local transit strategies and mode shift through active transportation planning.

IMPACT ON INFRASTRUCTURE, SERVICES AND STAFF CAPACITY (if applicable)

Participation in the 2024 Regional Household Travel Survey provides the District with access to data and information that contributes to infrastructure planning and service delivery. The STPCO will manage the administration and management of the Regional Household Travel Survey and subsequently the update of the Travel Demand Model in 2025. Therefore, additional District staff resources are not required, and participation can be completed within existing capacity within the Engineering and Environmental Services and Communications teams.

FINANCIAL IMPLICATIONS

None Budget Previously Approved Other (see below)

The Chief Financial Officer (CFO) has advised that the cost be borne equally from the Climate Action, Roads, and Transit reserves. The expense is considered modest given the economy of scale achieved with the regional partners. Of the \$14,900.00 requested, \$13,900.00 is required to fund the shared project budget proposed and

represents the 6.5% cost share attributed to the District of Lake Country. The additional \$1000.00 is specifically dedicated to the District's communication efforts and to provide additional opportunities to engage the public through staff attendance at various already scheduled public events.

If Council approves Lake Country's participation in the 2024 Regional Household Travel Survey, the District is not further bound to participate financially in any future activity cost sharing. However, a separate scope of work and cost estimate for updating the Regional Travel Demand Model will be developed by the STPCO over the next few months. Any regional cost share proposed for that update would be brought forward for Council's consideration through a separate report at the appropriate time. This funding request is specific to the 2024 Regional Household Travel Survey.

COMMUNICATIONS (if applicable)

The travel survey will involve comprehensive public input that will be managed through the smartTRIPS program. The District's Communications team will extend the reach locally through regular promotion of the survey using the District's social media opportunities and via Let's Talk. Additional public engagement may occur at Live! In Lake Country, the Pop-Up Depots, Farm Market and other events as determined beneficial by the Communications team within the funds allocated.

ALIGNMENT WITH COUNCIL STRATEGIC PRIORITIES

- Create and Support Opportunities for a Healthy, Active and Inclusive Community
- Create Infrastructure That Meets Community Needs
- Encourage Growth of the Downtown Core
- Ensure Sustainable Water Service Delivery for the Community
- Explore Opportunities to Engage With Regional Local Governments for the Betterment of the Community
- Honour Reconciliation by Strengthening Relationships and Inclusiveness With Our Indigenous Partners
- Identify and support improvements to the Development Process
- Implement the Agricultural Plan
- Preserve, Protect and Enhance Our Natural Environment
- Secure long term wastewater service delivery for our community
- Support Opportunities to Diversify Lake Country's Tax Base

ALIGNMENT WITH MASTER PLANS

- | | |
|--|---|
| <input type="checkbox"/> Agricultural Plan | <input type="checkbox"/> Official Community Plan |
| <input type="checkbox"/> Climate Action Charter | <input type="checkbox"/> Parks & Recreation Master Plan 2019 |
| <input type="checkbox"/> Housing Needs Report | <input type="checkbox"/> Sanitary Sewer System Map |
| <input type="checkbox"/> Liquid Waste Management Plan Stage 1/2 Report | <input checked="" type="checkbox"/> Transit Future Plan-Central Okanagan Region-DRAFT |
| <input type="checkbox"/> McCoubrey Plateau Area Structure Plan | <input type="checkbox"/> Transportation for Tomorrow |
| <input checked="" type="checkbox"/> Mobility Master Plan | <input type="checkbox"/> Water Master Plan |

OPTIONS

- A. THAT the 2024 Financial Plan be amended to include an expenditure of \$14,900.00, allocated equally from the Climate Action, Roads, and Transit Reserves to fund the District of Lake Country's participation in the 2024 Regional Household Travel Survey being conducted by the Sustainable Transportation Partnership of the Central Okanagan (STPCO) under the smartTRIPS program.

- B. THAT the District of Lake Country does not participate in the 2024 Regional Household Travel Survey being conducted by the Sustainable Transportation Partnership of the Central Okanagan (STPCO) under the smartTRIPS program.

Respectfully Submitted,
Matthew Salmon, Director of Engineering and Environmental Services

Report Approval Details

Document Title:	Regional Transportation Planning - Regional Household Travel Survey.docx
Attachments:	
Final Approval Date:	Aug 12, 2024

This report and all of its attachments were approved and signed as outlined below:

Trevor James, CFO, Director of Finance & Administration - Aug 12, 2024 - 10:18 AM

Reyna Seabrook, Director of Corporate Services - Aug 12, 2024 - 10:55 AM

Paul Gipps, Chief Administrative Officer - Aug 12, 2024 - 11:31 AM