

CAPITAL REGIONAL DISTRICT
Regional Planning Services Department

Staff Report to the Regional Planning Committee
Meeting of Wednesday, March 17, 2004

SUBJECT:

2001 Origin/Destination Household Travel Survey – Sub-Area Analysis, Report on Travel Trends by Municipality.

BACKGROUND:

In April 2002, Regional Planning Services presented a report to Regional Planning Committee (RPC) that provided the highlights of the 2001 CRD Origin and Destination Household Travel Survey. The travel behaviour information presented was limited to a broad regional scale. Further work has been done to provide more information at a ‘municipal’ level. This report introduces these findings. At the RPC meeting, the project consultant will make a presentation outlining more detail about the survey results.

DISCUSSION:

In 2002, Regional Planning Services provided each jurisdiction with a copy of the report titled “2001 CRD Origin and Destination Household Travel Survey”. A new report titled “2001 CRD Origin and Destination Household Travel Survey – Daily Travel Characteristics” is now available and provides more detailed travel information about each municipality. A copy will be sent to each municipality.

Purpose of the Household Travel Survey

The Household Travel Survey provides information about household travel patterns not otherwise available through other data. It provides information about how people’s behaviour is changing and many of the factors that influence change. The survey focused on travel demand and the characteristics of demand such as total demand for travel, trip distribution and trip patterns within, between and through municipalities.

The 2001 survey collected new travel information for this region that includes:

- 24-hour trip characteristics of travel demand versus the 1992 focus on only the p.m. period;
- walk trip trends with a focus on the urban centres; and
- trip lengths for all modes by introducing geographic coordinates to improve estimates.

The results of the survey were first shown in the report titled – “*2001 CRD Origin and Destination Household Travel Survey – Final Report*”. This report provided a very broad analysis which focused on regional trends.

A second report titled – “*2001 CRD Origin and Destination Household Travel Survey – Daily Travel Characteristics*” has been completed. This new report focuses on providing travel trends results at a municipal geography. It also provides demographic statistics along with the travel characteristics.

Findings of the 2001 Household Survey Sub-Area Analysis

In the previous report to RPC, we reported that there were about 1.17 million trips per day and how these trips were distributed by mode choice such as the auto driver trip which is 57% of the travel demand. The new report looks at each municipality and provides similar summary data. For each agency, data was grouped by travel mode, trip purpose, major peak time periods and total demand. The report summarized this data for both the origin and destination of each trip. Included in the municipal summaries, the report highlights the auto-driver trip lengths and trip tables by mode choice.

Some of the findings include:

- In the urban core 14% of the households have no cars while outside the urban core less than 4% of the households reported not owning a vehicle. A survey of Victoria residents showed that 23% of the households reported not owning a vehicle.
- Victoria generates over 370,000 trips per day of the 1.17 million person-trips per day. However, only 50% are auto driver trips, Saanich reported the highest amount of auto driver trips.
- Oak Bay, Sidney, Victoria and Esquimalt reported the lowest car ownership per household while Metchosin and North Saanich reported the highest.
- The more complete communities reported relatively short trip lengths over a 24-hour period of only about 6 kms. Some communities reported average trip lengths exceeding 30 kms. This is further supported by the tables included in the report that report the number of person-trips that start in one municipality and either stay in it or travel to another. For example, of the 22,800 people starting in View Royal each day only 4,300 stay in this community.

The information provided is the first comprehensive look at 24-hour travel patterns in each municipality. Each community has different trends. It should provide valuable information as agencies strive to develop local transportation and community plans and the region works to develop a regional transportation strategy. A copy of this report will be distributed at the committee meeting.

RECOMMENDATION:

That the Regional Planning Committee receive this report as information.

FINANCIAL IMPLICATIONS OF THE RECOMMENDATION:

N/A

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Director, Regional Planning Services

Larry Roberts,
Manager, Transportation Planning

EXECUTIVE DIRECTOR'S COMMENTS:

W.M. Jordan, Executive Director