

BACKGROUND TO ASSET INVENTORY SUMMARY

The Transportation Asset Value Summary Survey for cities was requested for the first time in 2001. As the transportation system expands and the relevant costs change from year to year, it is periodically necessary to update the information.

Asset value information is a required component of the government wide Corporate Capital Overview (CCO) that is prepared each spring and updated each fall. Commencing in 2001, asset value information is also required for grant supported infrastructure (i.e. city roads and transit facilities).

For some time, the Provincial Government has been moving towards an asset-based format for evaluating the benefits of various government programs, including municipal transportation support programs. This asset value may become a significant factor in the support of future provincial budget allocations for municipal transportation grants.

Much of the information requested in this survey likely already exists in the city's road and transit asset management databases. This includes a summary of the city's road network and public transit system along with the estimated current year replacement value for each item in the inventory. The replacement value should be as accurate as possible based on currently available cost information for similar construction projects or capital purchases.

For the 2005 asset value survey, the initial one page form circulated in 2001 has been expanded with new categories added. The changes are intended to accommodate the supplementary write-in information that was provided in conjunction with the 2001 survey.

For roads, the inventory value to be included in the survey is the new construction cost that would be incurred if starting from scratch (i.e. an open field). That would be the complete cost to build a road to its current standard including design, testing, base, pavement, storm drainage, curbs, sidewalks, lighting, signing, etc). These values should exclude right-of-way, non-drainage utilities, and GST.

For transit systems, the inventory value should include the fully equipped purchase price for vehicles and the turn-key costs for garages and terminals, etc. These values should exclude land costs and GST.

The asset survey information should be filed electronically using the attached Data Sheets (2 pages). This sheet is an expanded form of the 2001 survey and is designed to accommodate the supplementary write-in information that was submitted as part of that survey.

The survey data sheet is also formatted for electronic updating of the master survey information database.

To assist in the preparation of the information for the survey, a copy of the previous survey can be provided .

Preparation and submission of this survey is deemed to be administrative in nature and is therefore not eligible for cost-sharing through the transportation grant programs.

The 2005 asset survey should be provided to Alberta Transportation, Regional Director prior to September 30, 2005.

Previous Asset Summary was filed in: 2001

City of: _____

ROADWAY INVENTORY

| Functional Class | General Cross Section | CODE | Length Lane-Km | Length Centerline Km | Average Age (in yrs) | Avg. cost per Km in \$000 | Total Cost (in \$000) |
|--|-------------------------------|--------|-------------------|----------------------------|----------------------------|---------------------------------|--------------------------|
| Arterial / Expressway / Freeway (by number of lanes, excluding paved shoulders) | 8-lane divided | Art-8D | | | | | \$0 |
| | 6-lane divided | Art-6D | | | | | \$0 |
| | 4-lane divided | Art-4D | | | | | \$0 |
| | 4-lane undivided | Art-4U | | | | | \$0 |
| | 2-lane undivided | Art-2U | | | | | \$0 |
| | Ramps (if not included above) | Art-RA | | | | | \$0 |
| | Other | Art-OT | | | | | \$0 |
| TOTAL | | | 0 | 0 | #DIV/0! | | \$0 |
| Collector (by pavement width) | 14 metre | Col-14 | | | | | \$0 |
| | 13 metre | Col-13 | | | | | \$0 |
| | 12 metre | Col-12 | | | | | \$0 |
| | 11 metre | Col-11 | | | | | \$0 |
| | 10 metre | Col-10 | | | | | \$0 |
| | 9 metre | Col-09 | | | | | \$0 |
| Collector (by number of lanes) | 5-lane | Col-5U | | | | | \$0 |
| | 4-lane | Col-4U | | | | | \$0 |
| | 4-lane divided | Col-4D | | | | | \$0 |
| | 3-lane | Col-3U | | | | | \$0 |
| | 2-lane | Col-2U | | | | | \$0 |
| | Other | Col-OT | | | | | \$0 |
| TOTAL | | | 0 | 0 | #DIV/0! | | \$0 |
| Local (by pavement width) | 20 Metre | Loc-20 | | | | | \$0 |
| | 14 Metre | Loc-14 | | | | | \$0 |
| | 13 Metre | Loc-13 | | | | | \$0 |
| | 12 Metre | Loc-12 | | | | | \$0 |
| | 11 Metre | Loc-11 | | | | | \$0 |
| | 10 Metre | Loc-10 | | | | | \$0 |
| | 9 Metre | Loc-09 | | | | | \$0 |
| | 8 Metre | Loc-08 | | | | | \$0 |
| | 7 Metre | Loc-07 | | | | | \$0 |
| back lanes and alleys | Lanes - paved | Loc-PA | | | | | \$0 |
| | Lanes - unpaved | Loc-UP | | | | | \$0 |
| | Other | Loc-OT | | | | | \$0 |
| TOTAL | | | 0 | 0 | #DIV/0! | | \$0 |
| Miscellaneous Related Items (if not included in road cost) | Auxilliary Structures | Mis-AX | | | | | \$0 |
| | Signals - Firehall | Mis-FH | | | | | \$0 |
| | Signals - Ped-Amber | Mis-PA | | | | | \$0 |
| | Signals - Ped-Half | Mis-PH | | | | | \$0 |
| | Signals - Advance Flash | Mis-TA | | | | | \$0 |
| | Signals - Traffic Control | Mis-TC | | | | | \$0 |
| | Street Lighting | Mis-SL | | | | | \$0 |
| | Storm Sewer Trunk | Mis-St | | | | | \$0 |
| | | | | | | | \$0 |
| TOTAL | | | | 0 | #DIV/0! | | \$0 |

Previous summary filed in: 2001

City of: 0

BRIDGE INVENTORY

| | Bridge Type | CODE | Number | Average Age (yrs) | Avg. Cost in \$000 | Total Cost (in \$000) |
|---------------|---------------------------------|--------|--------|-------------------|--------------------|-----------------------|
| Road and Rail | Major Bridge (custom design) | Brg-MB | | | | \$0 |
| | Standard Bridge | Brg-SB | | | | \$0 |
| | Standard Bridge (GS / River) | Brg-SR | | | | \$0 |
| | LRT Bridge (rail xing & tunnel) | Brg-SL | | | | \$0 |
| | Sign bridges | Brg-SI | | | | \$0 |
| Other | Pedestrian Bridge | Brg-PB | | | | \$0 |
| | Bridge culverts | Brg-CB | | | | \$0 |
| | Std. Culverts > 1.0 metre diam. | Brg-CS | | | | \$0 |
| | Other _____ | Brg-OT | | | | \$0 |
| TOTAL | | | 0 | #DIV/0! | | \$0 |

PUBLIC TRANSIT BUS INVENTORY

| | | CODE | Number | Average Age (yrs) | Avg. Cost in \$000 | Total Cost (in \$000) |
|--------------|--------------------------|--------|--------|-------------------|--------------------|-----------------------|
| Mobile Fleet | Articulated - high floor | Bus-AS | | | | \$0 |
| | Articulated - low floor | Bus-AL | | | | \$0 |
| | 40 ft - high floor | Bus-4S | | | | \$0 |
| | 40 ft - lift equiped | Bus-4A | | | | \$0 |
| | 40 ft - low floor | Bus-4L | | | | \$0 |
| | Community | Bus-CO | | | | \$0 |
| | Trolley (electric) | Bus-TR | | | | \$0 |
| | Handi-Van | Bus-HV | | | | \$0 |
| | Other _____ | Bus-OT | | | | \$0 |
| Buildings | Terminals | Bus-TT | | | | \$0 |
| | Garages | Bus-TG | | | | \$0 |
| | Shelters | Bus-TS | | | | \$0 |
| | Other _____ | Bus-OB | | | | \$0 |
| TOTAL | | | | | | \$0 |

PUBLIC TRANSIT LRT INVENTORY

| | | CODE | Length or Number | Average Age (yrs) | Avg. Cost in \$000 | Total Cost (in \$000) |
|--------------|----------------------------------|--------|------------------|-------------------|--------------------|-----------------------|
| Track | On Surface | LRT-TS | | | | \$0 |
| | Underground | LRT-TU | | | | \$0 |
| | Elevated (other than bridge) | LRT-TE | | | | \$0 |
| Vehicles | LRVs - old style | LRT-CO | | | | \$0 |
| | LRVs - new style | LRT-CN | | | | \$0 |
| Buildings | Stations (surface) | LRT-SS | | | | \$0 |
| | Stations (subway or underground) | LRT-SU | | | | \$0 |
| | Maintenance/Storage Facilities | LRT-GA | | | | \$0 |
| | Power Sub-Stations | LRT-PO | | | | \$0 |
| Other _____ | LRT-OT | | | | \$0 | |
| TOTAL | | | | | | \$0 |

| | |
|---|------------|
| Total Transportation Asset Value | \$0 |
|---|------------|

Notes:

- 1) Please update this form and **file electronically** with the Regional Infrastructure Manager, Alberta Transportation
- 2) The pre-printed information shown on this sheet is from the last Asset Value Survey on record for the year indicated.
- 3) All unit costs should be **current total replacement costs**.