

ITEM 2
MANAGER'S REPORT NO. 55
COUNCIL MEETING 1981 11 09

RE: STATE AND UTILITY OF COMPUTER-ASSISTED MAP AND CHART PRODUCTION
GOVERNMENT CONFERENCE CENTER, OTTAWA
1981 NOVEMBER 17 - 19

MUNICIPAL MANAGER'S RECOMMENDATION:

1. THAT the recommendation of the Director Engineering be adopted.

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TO: MUNICIPAL MANAGER 81 11 04
FROM: DIRECTOR ENGINEERING
SUBJECT: CONFERENCE - STATE AND UTILITY OF COMPUTER-
ASSISTED MAP AND CHART PRODUCTION, GOVERNMENT
CONFERENCE CENTER, OTTAWA

RECOMMENDATION:

1. THAT the Municipal Engineer be authorized to attend the State and Utility of Computer-Assisted Map and Chart Production - Ottawa, Ontario, 1981 11 17 - 19, at an estimated cost of \$970.

REPORT:

The Director Engineering has received an invitation to attend the above-mentioned Conference to be held on 81 11 17, 18, 19 inclusive. Very few Cities received invitations but Burnaby was one of them because of the extent of our advancement in computer-assisted mapping.

The conference will provide a forum for the exchange of information among managers who are directly involved in map and chart production and use. The papers will be focussed at persons in management levels and the presentations will deal with the systems utilized and how well they work.

All papers to be presented will be from invited speakers. The conference will open with a plenary technical address that will delineate the various aspects of computer-assisted techniques and progress to date. This will be followed by three one-half day sessions dealing with large, medium and small scale mapping and charting. The final afternoon session will deal with the future of computer-assisted mapping and charting.

Of particular interest to Burnaby considering the present state of our advancement in this field are:

1. How Well Have We Done in Computer-Assisted Map and Chart Production.
2. Large Scale Basic Mapping.
3. The Swedish Experience in Production and Use of Digital Base Maps.
4. Digital Applications in the Canadian Aerial Survey Industry.
5. Union Gas of Chatham as a User of Medium Scale Maps.
6. The Mexican Experience in the Application of Computer Technology to the Production and Use of Medium Scale Maps.
7. The Rationale for Computer Applications in the National Geographical Mapping Program.
8. The French Experience in the Application of Digital Technology and Remote Sensing to Small Scale Mapping and Map Use.
9. Concerns about the Present Application of Computer-Aided Cartography.
10. Computer-Assisted Mapping and Charting: Consequences for the Education of Mappers and Users.
11. The Future: A Look at Technological Opportunities and Their Sociological Impacts.

To date, almost all material and seminars on the state of the computer-assisted mapping "art" have been U.S.-oriented. This is the first opportunity to see where we stand in Canada and how we can assist each other at all three levels of government in Canada.

Also, the Director Engineering may find it expedient to pay a personal visit to persons with whom he has been in contact at Transport Canada in order to aid in the progress of our application to that Agency to transfer the Federal share of the funding for the B.N.R.R. Overpass from the RGCF (Railway Grade Crossing Fund) to the newer legislation of the UTAP (Urban Transportation Assistance Program) funding. Burnaby and the Province of British Columbia each stand to gain in excess of \$1 million through such a transfer being approved (through consequent reduction in residual sharing).

The total estimated cost of Conference attendance is approximately \$970. Funds are provided in the 1981 Recast Budget.


DIRECTOR ENGINEERING