

ITEM 2  
MANAGER'S REPORT NO. 72  
COUNCIL MEETING 1983 11 28

RE: B.N.R. GRADE SEPARATION  
PROGRESS REPORT UP TO 1983 OCTOBER 31

MUNICIPAL MANAGER'S RECOMMENDATION:

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

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TO: MUNICIPAL MANAGER

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FROM: DIRECTOR ENGINEERING

SUBJECT: B.N.R. GRADE SEPARATION  
PROGRESS REPORT UP TO 83 10 31

RECOMMENDATION:

1. THAT this report be received by Council for information purposes.

REPORT:

Although no new contracts have been called or awarded since our last report to Council we felt that we should report on progress to date with special reference to the utilization of U.T.A.P. funding for the eligible portion of the overall project.

When the project started we realized, since only part of the overall project was eligible for U.T.A.P. funding, that careful attention would have to be paid to the scheduling of individual contracts so that maximum utilization of U.T.A.P. funds could be achieved before the deadline of 1984 March 31. The maximum U.T.A.P. funding available under the recent updated agreement is \$5,062,805 and to date \$4,755,953.60 has been claimed. The balance of \$306,851.40 should be utilized and claimed before the end of the year some three months ahead of deadline.

The remaining two major contracts will be called in January 1984 and a report showing financing in place will be submitted to Council at the time of the recommendation of award of those contracts.

The customary progress bar graph is attached as Appendix I and Appendix II shows the contracts called to date, those completed, and those in progress as well as the comparison between the original estimate and the actual contract bid price.

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All land acquisitions have been finalized except for a minor acquisition of 400 square feet from Chevron. This latter acquisition was recently requested by the Ministry of Transportation and Highways and was additional to the original agreed land acquisition package.

We hope and expect that the present trend of competitive bidding will continue and that the total project will come in well below budget.

Appendix I shows the target project completion date as the end of 1984 September. Although we are confident that the overall project can be completed by that date (barring unforeseen major problems arising), we are also currently working on a means of achieving at least partial opening of the structure to traffic before commencement of the 1984 B.C. Summer Games in 1984 July. The reason that the possible earlier opening may only be partial is that the northbound to eastbound ramp may require additional time to satisfy foundation preloading requirements. We will provide Council with further information on this subject in our next report early in 1984.

EEO/WMR/ch

Att.

  
DIRECTOR ENGINEERING

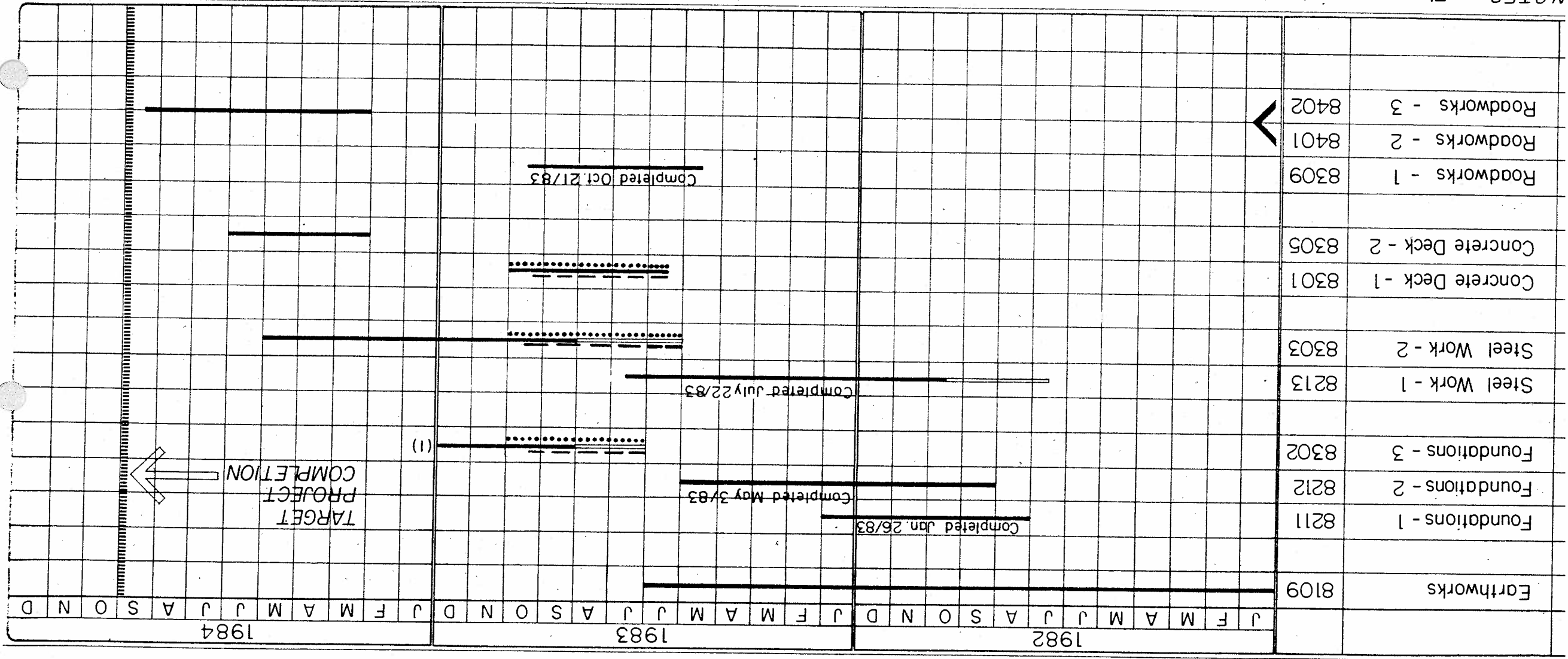
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Corporation of the District of Burnaby  
B.N.R. Grade Separation  
Project Schedule October 1983  
ASSOCIATED ENGINEERING SERVICES LTD

LEGEND :  
 - - - - - % Actual completion  
 ..... % Scheduled completion  
 = = = = = Order materials  
 ————— Duration of Contract

Progress as of Oct., 1983

NOTES : The contract duration shown on this schedule are indicative only and do not refer to contract dates unless specifically shown.  
 1) Sufficient float exists that steelwork erection should not be delayed



B.N.R. GRADE SEPARATION  
 PROJECT COSTS TO DATE SHOWING ORIGINAL ESTIMATES,  
 UPDATED ESTIMATES AND ACTUAL CONTRACT BIDS

CONTRACT/ITEM	ORIGINAL \$ ESTIMATE	UPDATED \$ ESTIMATE	ACTUAL \$ CONTRACT BID	COMPLETED \$ CONTRACT	\$ DIFFERENCE
1. PROPERTY ACQUISITION	500,000	629,879		ON-GOING	-(129,879)
2. EARTHWORKS - CONTRACT #8109	1,200,000	1,119,725	1,119,725	1,215,600	- (15,600)
3. FOUNDATIONS I - CONTRACT #8211	1,718,000	1,483,590	1,483,590	1,439,131	+ 278,869
4. FOUNDATIONS II - CONTRACT #8212A	1,863,000	1,622,155	1,622,155	1,536,830	+ 326,170
5. STEELWORK I - CONTRACT #8213	2,772,000	3,082,780	3,082,780	3,051,802	-(279,802)
6. CONCRETE DECK I - CONTRACT #8301	1,167,000	1,087,489	1,087,489	ON-GOING	+ 79,511
7. ROADWORKS I - CONTRACT #8309	466,000	380,132	380,132	ON-GOING	+ 85,868
8. STEELWORKS II - CONTRACT #8303	2,850,000	2,392,000	2,392,000	ON-GOING	+ 458,000
9. FOUNDATIONS III - CONTRACT #8302	1,054,000	860,400	860,400	ON-GOING	+ 193,600
TOTAL WORK CONTRACTED TO DATE	\$12,028,271				
BALANCE					+ 996,715

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