

ITEM 8
MANAGER'S REPORT NO. 28
COUNCIL MEETING 1983 04 18

RE: BNR GRADE SEPARATION PROGRESS REPORT TO 1983 MARCH 31

MUNICIPAL MANAGER'S RECOMMENDATION:

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

* * * * *

TO: MUNICIPAL MANAGER 83 04 13
FROM: DIRECTOR ENGINEERING
SUBJECT: B.N.R. GRADE SEPARATION PROGRESS REPORT TO 1983 MARCH 31

RECOMMENDATION:

1. THAT this report be received for information purposes.

REPORT:

The overall project is proceeding on schedule and although there are mid-contract delays on two of the contracts the final completion date should not be affected.

The bar chart attached as Appendix 1 forms a visual presentation of progress to date, the monthly control progress reports attached as Appendix II show the detailed progress to date for each contract, and the Cumulative Construction Cost Chart attached as Appendix III shows a cash flow for each contract, a cumulative expenditure to date and the expenditure per calendar year.

Contract 8309 - Roadworks I has been awarded and should start between 1983 May 01 and May 15. Contract 8301 - Concrete Deck I has been awarded and should start 1983 June 15.

U.T.A.P. funding applications are on schedule and no difficulties are expected in maximizing the total draw.

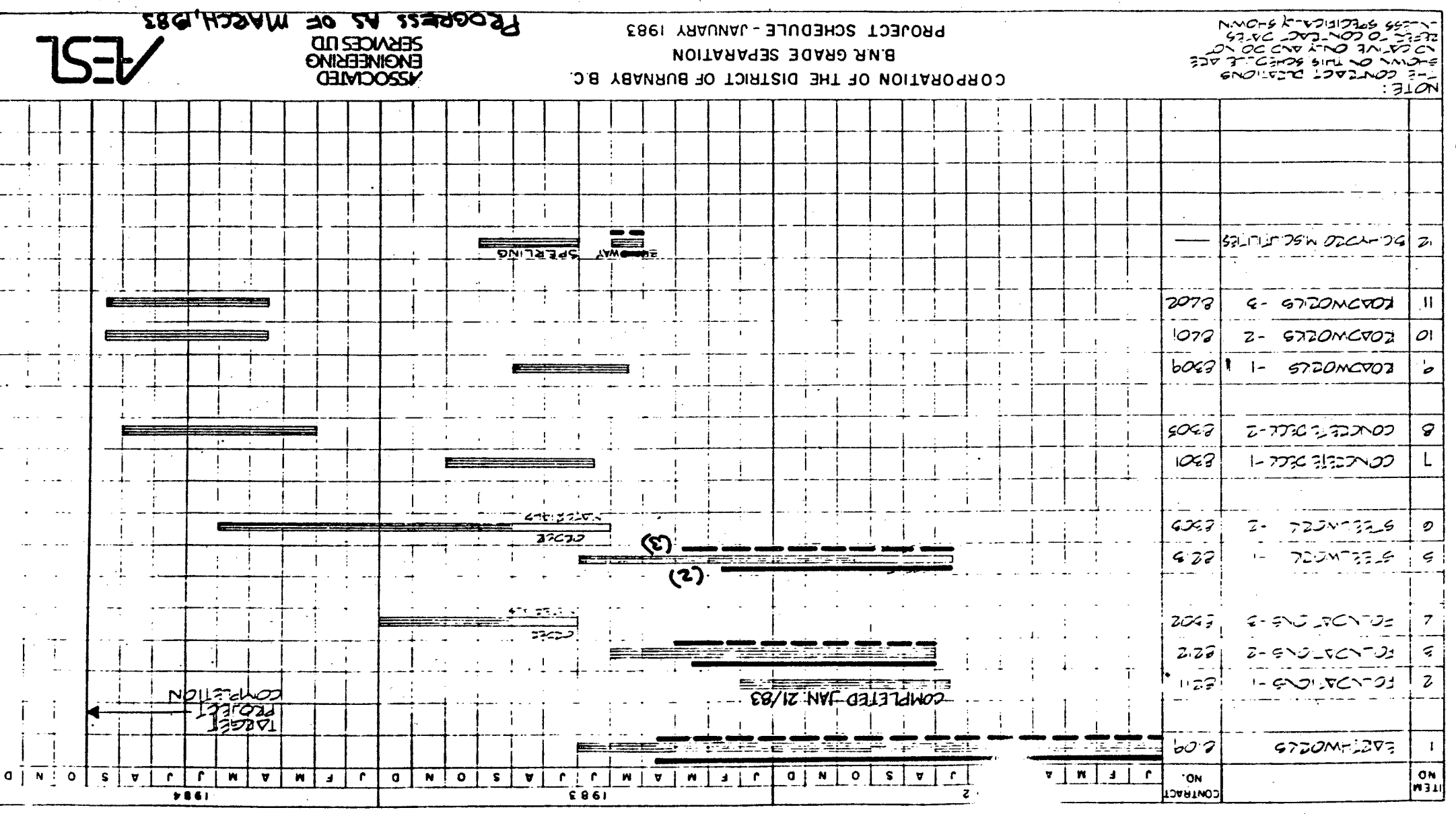
Application for Revenue Sharing for a total of \$3,767,221 for 1983/1984 was made and was approved by the Provincial Government as announced recently by the Honourable Alex Fraser and later confirmed in writing by the Honourable Jack Heinrich. Originally, it was intended to apply for \$2,195,000 in the fiscal year 1983/1984 and for the balance of \$1,572,221 in the fiscal year 1984/1985. The Director Engineering decided to apply for the total Revenue Sharing of \$3,767,221 in the one fiscal year 1983/1984; approval of these funds means that all Provincial and Federal funding is in place for the total project.


DIRECTOR ENGINEERING

WMR:sp
Attachs.

cc: () Director Finance
() Associated Engineering Services Ltd.

APPENDIX I



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LEGEND: ——— % ACTUAL COMPLETION
 - - - - - % SCHEDULED COMPLETION (1)

(1) Actual and scheduled completion based on payments and estimated cash flows.
 (2) Although steelwork contractor is behind the overall fabrication schedule, Stage 1 erection will proceed in April in accordance with the revised schedule.
 (3) Delays in steelwork did not affect UTAP funds. Application has been made for the full UTAP funds available in the 1982-83 fiscal year.

NOTE: THE CONTRACT DEDUCTIONS SHOWN ON THIS SCHEDULE ARE IN FULL AND DO NOT REPRESENT A CONTRACT VARIATION. THESE DEDUCTIONS ARE SHOWN SPECIFICALLY SHOWN

CORPORATION OF THE DISTRICT OF BURBARY B.C.
 B.N.R. GRADE SEPARATION
 PROJECT SCHEDULE - JANUARY 1983

ASSOCIATED ENGINEERING SERVICES LTD
 Progress as of MARCH, 1983

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APPENDIX II

MONTHLY CONTRACT
 PROGRESS REPORT

ASSOCIATED
 ENGINEERING
 SERVICES LTD



PROJECT BNR Grade Separation
 CONTRACT 3109 - Earthworks
 CONTRACTOR Miller Contracting Ltd.
 MONTH ENDING 83/3/31 REPORT NO. 19 SHEET 1 OF 1

CONTRACTOR'S WORK FORCE

LABOUR: SUPERVISORS 2 ENG./SURV. 2 CARP. - STEEL WORKERS -
 PLANT OPS. 4 LABOURERS 1 TEAMSTERS 5

PLANT ON SITE: 1-CAT 235 Backhoe, 1-D6D Cat Dozer, 1-966 Cat Loader, 1-JD450-C Dozer
 5 - Dump Trucks, 1-BOMA6 240 Roller, 1-Volvo IM646 Loader

WEATHER: Rainy working days = 13.

ITEM	DESCRIPTION	% COMPLETION		WEEKS + OR -
		SCHEDULED	ACTUAL	
1	Laurel to Still Creek			
	I., Stage 1	100	100	0
	II., Stage 2 - Preload Phase 1	100	100	0
	III., Stage 3 - Preload Phase 2	100	100	0
	IV., Stage 4 - Preload Removal	15	15	0
2.	"E" Line			
	I., Stage 3 - Clearing & Hogfuel	100	100	0
	II., Stage 4 - Permanent Fill	100	100	0
	III., Preload - Phase 1	40	40	0
	IV., Preload - Phase 2	30	30	0
	V., Concrete Guardrail	100	100	0
3.	"A" Line			
	I., Clearing & Hogfuel	100	100	0
	II., Permanent Fill	100	100	0
	III., Preload - Phase 1	100	100	0
	IV., Preload - Phase 2	50	50	0
4.	Miscellaneous Works			
	I., Landberm South of Still Creek	0	100	0
	II., Creek Berm	0	100	0

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CONTRACT NO.	ITEM	19 82												TENDER VALUE	CUMULATIVE COST TO June, 1982
		July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	ESTIMATED FINAL COST	June		
8109	EARTHWORKS	1,119,725	664,001	26,844	0	11,149	58,330	16,302	90,000	9,243	3,227	32,739	1,182,244	1,182,244	
8211	FOUNDATIONS - 1	1,483,590		36,777	128,138	191,103	338,593	406,733	121,917	215,870			1,433,131	1,433,131	
8212A	FOUNDATIONS - 2	1,622,155		0	48,494	144,966	142,769	93,683	297,806	197,495	176,515		1,572,736	1,572,736	
8302	FOUNDATIONS - 3														
8213	STEELWORK - 1	3,082,780		0	0	0	221,819	565,813	148,874	237,006			3,040,122	3,040,122	
8303	STEELWORK - 2														
8301	CONCRETE DECK - 1	1,087,489													
8305	CONCRETE DECK - 2														
8309	ROADWORKS - 1	380,132													
8401	ROADWORKS - 2														
8402	ROADWORKS - 3														
	TOTAL EXPENDITURE PER MONTH	-	26,844	36,777	187,781	394,399	497,664	812,235	994,799	565,466	446,260				
	CUMULATIVE EXPENDITURE TO DATE	664,001	690,845	727,622	915,403	1,309,802	1,807,466	2,619,701	3,614,500	4,179,966	4,626,226				
	CALENDAR YEAR EXPENDITURE	545,851	572,695	609,472	797,253	1,191,652	1,689,316	2,501,551	994,799	1,560,265	2,006,525				
	REVENUE SHARING - 1982 - 3	122,231	149,075	185,852	373,633	768,032	1,265,696	2,077,931	3,072,730	3,638,196	4,084,456				
	REVENUE SHARING - 1983 - 4														
	REVENUE SHARING - 1984 - 5														

NOTE 1. ALL CONTRACT EXPENDITURES REPRESENT PAYMENT TO THE CONTRACTOR, 4 FINAL
 THEREFORE 15% HOLDBACK HAS BEEN DEDUCTED.
 2. REVENUE SHARING VALUES REPRESENT THE CUMULATIVE TOTAL TO THE MONTH SHOWN AND EXCLUDE THE 15% HOLDBACK
 3. HOLDBACK RELEASE



ASSOCIATED ENGINEERING SERVICES LTD

