Item										01
Mana	ger's	Re	por	t N	о.					28
Coun	cil M	eet	ing	٠.	٠.			9	9/11	/01

TO:

CITY MANAGER

October 28, 1999

FROM:

DIRECTOR PLANNING AND BUILDING

OUR FILE: 08.230.3

DIRECTOR ENGINEERING

SUBJECT:

CITY OF BURNABY SUBMISSION - MUNICIPAL INTEGRATION FUND

(MIF) RELATED TO SKYTRAIN PROJECT

PURPOSE:

To seek Council endorsement of the City of Burnaby's submission for funding under the Municipal Integration Fund (MIF) for required items related to the Lougheed

Corridor SkyTrain Project within Burnaby.

RECOMMENDATIONS:

- 1. **THAT** a copy of this report identifying items for funding SkyTrain under the Municipal Integration Fund and Rapid Transit Project 2000 (see Attachments 2 and 3) be submitted to TransLink and the Provincial Government on the understanding that additional associated items may be further identified as the detailed planning and design for the project advances.
- 2. THAT Council request that the TransLink Board and the Province not proceed with the proposed removal of \$25 million from the \$60 million Municipal Integration Fund from the Phase 1 works until such time as all basic elements of the Phase 1 SkyTrain extension identified through the design process are adequately funded either through the Rapid Transit Project 2000 budget or the Municipal Integration Fund.
- 3. **THAT** Council request the Provincial Government to support the SkyTrain Community Legacy Program as proposed by the Special Commission on SkyTrain and to initiate its commencement on a priority basis to secure the necessary rights-of-way and jointly begin the development of the proposed greenway connections.
- 4. **THAT** a copy of this report be forwarded to the Hon. Jenny Kwan, Minister Responsible for SkyTrain, the Hon. Joan Sawicki, Minister of Environment, Lands and Parks and to the other Burnaby MLA's.

REPORT

1.0 SUMMARY AND BACKGROUND

In 1999 June, the Province and TransLink reached an agreement on the cost sharing and construction of the SkyTrain extensions. This agreement recognized that the extensions will be constructed in two phases. The first phase involves the extension from New Westminster through a station at the Lougheed Mall to the vicinity of Vancouver City College in Vancouver. The second phase (the Coquitlam Extension) is to be constructed from Lougheed Mall to Coquitlam Centre.

TransLink and the Province are seeking to reach final agreement on the composition of the \$60 million Municipal Integration Fund components. The purpose of this report is to identify those basic SkyTrain related elements that need to be undertaken in Burnaby and to specify those items that should be earmarked for funding under the Municipal Integration Fund. Council endorsement of these elements provides the basis for a formal submission from the City to the Province and TransLink

This report raises the strong concern that because the TransLink Board has now allocated \$25 million of the \$60 million Municipal Integration Fund for the Coquitlam extension, there is the distinct possibility that there may not be sufficient funds to cover the items listed in *Attachments 2 and 3* of this report which are considered to be essential for the proper functioning and integration of the SkyTrain system. As well, the report identifies a need for the Province to initiate the SkyTrain Community Legacy Program with affected municipalities.

2.0 ACCOMMODATION OF THE SKYTRAIN ALIGNMENT

The SkyTrain alignment for the most part uses the Lougheed Highway right-of-way as it traverses through the City. For parts of the way, the alignment is on either the north or south side of the highway, while in others it runs down the centre.

Under the recently approved Greater Vancouver Transportation Authority (now TransLink) legislation, the City of Burnaby is the authority responsible for the operation and maintenance of the Lougheed Highway. As such, it was recognized from the outset by the City that the accommodation of the guideway and the stations would have an impact on the highway in terms of existing travel lanes, medians, left turn bays, traffic signals, utilities, sidewalks, street lighting, emergency stopping areas, open drainage areas and waterway

crossings that would need addressing. As well, there was a recognized need to protect the option for future needed improvements as contained in the adopted Transportation Plan and the Brentwood and Lougheed Town Centre Plans. Example items include the future grade separation of Lougheed Highway and Gaglardi Way, the accommodation of the Keswick and Delta pedestrian overpasses, future greenway components and additional lanes at key areas along the highway.

The City's strongly voiced concern about the need to identify and address those road impacts identified above *before* the commencement of the project construction was a key contributor to this important consideration being specifically included within the \$60 million enhancement fund referred to in the Provincial/TransLink Agreement.

3.0 PROJECT REVIEW PROCESS

To identify the range of impacts and needed improvements associated with the development of the SkyTrain facility, it was clear that a conceptual design plan was needed that involved the City, TransLink and the Rapid Transit Project Office (RTPO). To this end, the City requested the initiation of two concurrent planning processes. The first involved a Project Integration Committee (PIC) comprised of City, RTPO and TransLink staff that has met on 14 separate occasions dealing with the wide spectrum of alignment and impact issues along the entire corridor. Concurrent with this there has been a Station Transit Integration Committee (STIC) also meeting on a weekly basis and dealing with more detailed planning associated with each of the seven stations within the City of Burnaby. The two processes have focused on identifying and trying to resolve outstanding, and sometimes difficult, issues associated with the implementation of the SkyTrain facility within the corridor that needs to accommodate rapid transit, buses, bicycles, pedestrians and general traffic in a safe and well functioning manner.

The City and the Project Office are currently co-funding the services of a Engineering Consulting firm to translate the agreed to design concepts associated with the station areas and the Lougheed Corridor into a preliminary roadway geometric. This geometric is intended to provide the necessary level of certainty of the consequences of the project and the basis for determining cost responsibility for the various elements associated with the right-of-way improvements.

Notwithstanding the fact that this conceptual planning process for the project through Burnaby is not yet complete, the RTPO and TransLink are currently finalizing their lists of elements by the end of October that will need to be funded under the Municipal Integration Fund (MIF). Given this urgency in finalizing the MIF components, it is essential that the City present its position on the MIF related requirements based on the detailed work done to date. It should be recognized however that some additional items may be identified as the

detailed planning and design for the project is completed.

4.0 COST RESPONSIBILITIES - RTPO AND MIF

In the building of a SkyTrain system, there are a range of basic requirements to ensure that it is functional and properly integrated with the associated roadways, feeder elements (e.g. bus loops, kiss and ride areas, etc.) and adjacent land uses. Normally, one would expect that the base line budget for the SkyTrain project would address all of these requirements. However, in the current project, there is a division of cost responsibility for the various elements between the Province (by way of the RTPO) and the Municipal Integration Fund which is co-funded by the Province and TransLink.

City staff have prepared a list of Preliminary Cost Responsibility Principles (see *Attachment 1*) as the basis for identifying, assigning and quantifying costs for the affected agencies. The representatives from TransLink and the RTPO have previously indicated their general concurrence with these principles.

Because of the tight timeline set by TransLink and the RTPO to identify the MIF elements, it has not been possible to first complete our review process leading to an agreed to preliminary design geometric for the entire right-of way through Burnaby. As such, only the RTPO and MIF elements as identified by Burnaby staff will be presented at this time and not the total recommended assigned cost responsibilities. Possible items that might be the source of funding by the City to upgrade or supplement certain elements (e.g. median treatment, sidewalk extensions, etc.) will be part of a subsequent report for Council consideration as part of the overall Capital Budget preparation process.

4.1 RTPO Base Line Budget

The RTPO has a base line budget (\$1.167 billion) that primarily deals with the construction of the guideway and the immediate station platforms (with the exception of the Lake City Station). The Minister Responsible for SkyTrain indicated in a previous letter to the City that "the project budget includes provisions to restore existing roadworks, utilities and sidewalks disturbed by the project as well as provide retaining walls to preserve adjacent properties and vegetation, where warranted and station related improvements". The station related improvements referred to include completion of abutting street frontages to a finished standard as well as extensions from the plaza areas to the road frontages.

4.2 The Municipal Integration Fund

Supplemental funding to the base line budget of \$1.167 billion, in an amount up to \$60 million, to be equally cost shared between TransLink and the Province, was

provided for in the agreement between the Province and TransLink. This was to provide for certain items not included within the original scope of the two extensions. This is commonly referred to as the Municipal Integration Fund (MIF). Items identified in the agreement for this fund included the following:

"... the Lake City Station and selected street improvements in Burnaby, mitigation along the Fraser River in New Westminster and such additional items determined by the parties, including, without limitation, bus loops, station enhancements and park and ride facilities."

Other comments from TransLink and the RTPO suggest that connections to adjacent bus stops, kiss and ride stops and adjacent walkways servicing the stations are eligible for funding under MIF.

The final authority for allocating costs under the up to \$60 million contained within the fund rests with the Province and TransLink. The designation of the \$60 million amount was done without benefit of estimates being prepared in consultation with the City.

In considering the role of MIF, it is therefore important to note that it is not, contrary to some popular opinion, something that is being used exclusively for "enhancements". In Burnaby, the MIF items related to right-of-way improvements that are identified in this report are part of the basic functional requirements of the system and cannot be regarded as enhancements. Under the current cost sharing arrangement between RTPO and MIF, it is crucial to recognize that the integrity of the SkyTrain system is tied to the use of both of these funding sources. As such, the allocation of funds from MIF has to be based on the results of detailed plans that address the basic functional and integration requirements of the system. In other words, the allocation of MIF needs to be based on the specific results of this detailed planning, rather than on some arbitrary sharing formula.

Burnaby's needs are markedly different from those of Vancouver and New Westminster in that the guideway traverses the City primarily along established roads. The guideway and the seven stations have differing impacts that require specific solutions to ensure the functionality of the system.

The Municipal Integration Fund is designated for the development of the station bus loops where required, on-street bus stops, passenger pick-up and drop-off areas, associated intersections, station street frontages, utility and signal improvements, and sidewalk connections to nearby bus stops and pedestrian feeder areas. Specific provision for the Lake City Station is contained within MIF. TransLink as an

independent funding source is responsible for additional bicycle lockers and racks where warranted and the development of the Lougheed Highway bus queue jumper project from GaglardiWay to Production Way.

... Page 6

Recent discussions with TransLink staff indicate that there are additional pressures being placed on MIF. Traffic studies associated with the various station areas that are underway are being charged to MIF as are administration costs including the salary of the MIF coordinator. As well, the RTPO is taking the position that they intend to use lane and separation distance standards less than those being requested by the City in the reconstruction of the disturbed portions of the Lougheed Highway. To help overcome this impasse, a safety audit is being done by ICBC to provide advice on the appropriate standards to be used. If the City requested standards are verified, it is our understanding that the project is proposing to use MIF to cover the costs above their "base" standard. Given our position that this should be covered by the RTPO budget, it has not been included in the City's MIF list.

Of even greater concern is a resolution passed by the TransLink Board on 1999 October 27 that authorizes TransLink staff to pursue an agreement that would see \$25 million out of the\$60 million maximum (this equates to 42% of the \$60 million) allotted for MIF to be reserved for the Coquitlam extension. The TransLink staff have acknowledged that the remaining \$35 million for the Phase 1 line would not be adequate to meet the costs of all items already identified by them. This action occurred without benefit of the full range of MIF items identified in this report. Until all the elements identified through the preliminary design process underway are addressed, either through the project budget or MIF, the allocation of a sizeable component from the \$60 million fund for the future extension to Coquitlam is considered to be a premature initiative that could have negative consequences on the integrity and quality of the Phase 1 project.

It is becoming progressively clear that the RTPO's baseline budget will not be increasing. Therefore as the project planning advances and additional costs identified, there could be a tendency for items to be shifted into MIF. Through the meetings that staff have had to date on this project, it is apparent that there is not full agreement on all the items identified in our submission, primarily due to the capped budget amount under which the Project is working.

5.0 THE BURNABY RELATED RTPO AND MIF REQUIREMENTS

The RTPO and MIF cost responsibility items as identified by staff are contained in *Attachments 2 and 3* respectively. As previously indicated, work is proceeding on the preparation of large scale geometric drawings that will incorporate the items contained in *Attachments 2 and 3*. Staff are providing these drawings to TransLink and RTPO as they

are being developed. Sketches 1 to 7 illustrate the range of items that have been identified and are evolving around each of the stations.

The preliminary "ball park" cost estimate of the MIF items as prepared by Burnaby staff is in the order of \$23.3 to \$27.9 million depending upon land acquisition cost assumptions. This includes the costs associated with the Lake City Station which is approximately \$10 million including the station, land acquisition, design and process costs. It must be emphasized that given the extreme time constraints and the incompleteness of the review process, these estimates do not purport to be highly accurate. They are a best effort "ball park" estimate to assist TransLink and the RTPO in their assessment of MIF requirements. One area that is potentially highly variable is the land acquisition component of the overall estimate. The assumption used in our lower estimate most closely relate to those utilized by TransLink. If one utilizes the figures from RTPO, land acquisition cost would increase by about \$4.6 million. Hence, the range from \$23.3 to \$27.9 million. It is the opinion of our Property Negotiator that if the bus loops and associated areas are acquired outright at current market values, then the land acquisition component of our estimate could prove to be even higher and could have a significant bearing on the MIF.

Some of the key RTPO elements over and above the construction of the guideway and the stations include the reconstruction of segments of Lougheed Highway where impacted by the guideway, replacement/relocation of services, drainage, bus stops, relocating street lights and the incorporation of structural modifications to the guideway to incorporate future urban trail overpasses at Keswick and Delta Avenues.

It should be noted that the items identified in *Attachments 2 and 3* are regarded as the basic elements identified to date required for a properly functioning system. The budget estimates associated with *Attachment 2* are not purported to be complete given the additional detailed planning work required, but they do reflect the results of a more comprehensive and detailed approach given the time available. They, nevertheless, give an order of magnitude that needs to be addressed in the MIF allocation process. Refinements to these estimates would occur with specific input from RTPO and TransLink as the design process unfolds.

During the course of the discussions/negotiations with the Project Office, staff has been mindful of the need to restrict requests that would place a burden on the project budgets. In our view, this objective has been met. Possible additional items for which an argument could have been made for inclusion in MIF to improve the system such as additional lighting along the entire length of the Loughed Highway, upgraded median treatment and greenway connectors under the guideway were discussed, but not included by staff given the obvious pressures on the MIF. It is important to note that final agreement on the RTPO components identified in *Attachment 3* has not yet been reached with the project office. The majority of the required

Re: City of Burnaby Submission - Municipal Integration Fund (MIF) Related To Skytrain Project

road reconstruction costs along the Lougheed Highway caused by the impacts of the guideway should be incorporated within the RTPO base budget. Staff at this point are not aware as to which items are common between the City's list and the RTPO set of cost assumptions or which specific items the Project may be assuming can be absorbed through MIF. There are still some areas of difference where resolution is required.

From staff's perspective, there is not a large concern as to whether the required improvements identified in *Attachments 2 and 3* are funded under MIF or the base line RTPO budget. A bigger concern is that they are not undertaken because of a jurisdictional disagreement as to which budget they should be accommodated in because of insufficient budget amounts in either or both the MIF or RTPO budgets. The fact will remain that the identified items are necessary for the proper functioning of the system through Burnaby.

6.0 GREENWAY AND URBAN TRAIL ELEMENTS

The summary final report of the Special Commission on SkyTrain was completed in 1999 May and was presented to the Provincial Government for its consideration. Included in the recommendations of the Special Commission SkyTrain Review was the development of a SkyTrain Community Legacy Program to be implemented in conjunction with the SkyTrain extension project. This program is proposed to focus on the following two key components:

- a regional greenway to complement the SkyTrain guideway where practical and the development of adjacent and parallel greenway routes; and
- the support of SkyTrain related community enhancement initiatives within the affected neighbourhoods (e.g. removal of overhead wires, enhanced plantings, sidewalk improvements, etc.).

In support of this initial work, staff have prepared concept plans for an associated greenway system that incorporates sections of the guideway where it is on the side of the roadway as well as parallel links away from the guideway in recognition that there are sections of the guideway in the centre of the Lougheed Highway where it is not practical to establish an associated pedestrian greenway.

Staff have consistently requested that the RTPO secure public access easements in those areas where the guideway is on the side of the roadway to protect the opportunity for future development of the greenway corridor. This equates to two sections of the line in Burnaby totaling a length of about 4.3 kilometres. The project has responded that this is beyond the scope of its mandate and budget and it is only securing aerial easements for the guideway outside of the station areas.

Planning and Building	
Re: City of Burnaby Submission - Municipal Integration	on Fund
(MIF) Related To Skytrain Project	
1999 28 October	Page 9

Staff agree with the Special Commission on SkyTrain that commencement of a SkyTrain related greenway corridor is a highly desirable objective that should be acted upon. In this respect, it is recommended that Council request the Province to support the proposed SkyTrain Community Legacy Program as has been recommended by the Special Commission on SkyTrain and to release funds that would allow the commencement of this worthwhile project. The extent to which this initiative would be a jointly funded project would need to be determined in the development and implementation of the program.

7.0 NEXT STEPS

As indicated previously, work on the preliminary design for the project as it relates to Burnaby is progressing and is intended to be complete before year end. This recognizes that construction on the first guideway support column in Burnaby is scheduled for the end of November west of Austin Avenue. Priority is being placed on completion of the preliminary design work by Planning and Engineering staff to ensure that the majority of the City issues can be identified and addressed prior to the preparation of the final design. This work will culminate in a set of geometric drawings for the length of the right-of-way as it relates to the City.

To a large extent, the Station items identified will be addressed and reflected in the Station rezonings that will be presented to Council.

To address issues related to the actual construction of the line in Burnaby, it is intended that the current Project Integration Meetings (PIC) will continue but with a shift in emphasis on matters relating to implementation issues. Items such as traffic management plans, sediment control measures, hours of construction, municipal review and approval of design drawings and required inspections will be addressed and coordinated through this PIC process.

Another issue to be addressed relates to the use of City property to accommodate the guideway, primarily in the vicinity of Sperling Avenue. This will be the subject of a further report to Council.

8.0 CONCLUSIONS

The City has been and continues to support the concept of a rapid transit route along the Lougheed Corridor. Since the announcement by the Province of the SkyTrain technology for Phase 1 of the SkyTrain extension, City staff and Council have spent considerable resources in resolving issues with the RTPO and Translink to ensure that the project is properly integrated.

It is the view of staff that the MIF and RTPO responsibility elements identified have not been "padded". They are considered basic elements for a properly functioning and integrated system. As such, desirable components such as the proposed greenway and additional lighting for the Lougheed Highway have not been included in the MIF or RTPO budgets.

The focus of the City's position is that those basic elements essential to the project have to be identified and their costs adequately addressed. Of particular concern to the City in this regard are the required improvements of the system on the City's road rights-of-way (which includes the Lougheed Highway) impacted by the project. Based on the work completed to date it would appear that the proposal to reduce the amount available in MIF for Vancouver, Burnaby and New Westminster to \$35 million could be insufficient. This is compounded by the fact that many items which may logically be considered as Project costs are being assigned to MIF. As such, it is recommended that until all basic elements of the Phase 1 SkyTrain extension are identified through the design process and funding accounted for, TransLink and the Province should not proceed with the proposal to reduce \$25 million from the \$60 million Municipal Integration Fund for Phase 1 at this time.

D.G. Stenson, Director

PLANNING AND BUILDING

uhouse

W.C. Sinclair, Director ENGINEERING

JSB/BLS:sa

Attachments (10)

cc: Director Finance

Director Parks, Recreation and Cultural Services

City Solicitor

ATTACHMENT 1

SKYTRAIN PROJECT

PRELIMINARY COST RESPONSIBILITY PRINCIPLES

	RTPO	RTPO / TransLink MIF	TransLink	TransLink / Burnaby *	City of Burnaby	Legacy
SkyTrain	Guideway, Gilmore Stn., Brentwood Stn., Sperling Stn., Holdom Stn., University Stn., Lougheed Stn.	Lake City Stn.				
Lougheed Highway - Existing Facilities	Reconstruct the Lougheed Highway to reinstate the existing facilities.					
Lougheed Highway - Future Facilities	Ensure that the design and construction of the SkyTrain does not preclude future highway upgrading.		Gaglardi queue jump bus lanes on Lougheed.	New bus stops on Lougheed Highway outside of station areas.		
Connectivity Elements		New pedestrian facilities from each SkyTrain station to the nearest available bus stops.			New pedestrian facilities from each SkyTrain station or nearest available bus stop to existing development. **	Greenway or other urban trail facilities.
Station Area Rezoning Requirements	SkyTrain Station on site facilities including sidewalks, boulevards, pedestrian lighting, urban trails, landscaping (including boulevard trees).	On-street bus stops, bicycle lockers/racks, passenger pick-up / drop-off areas, off-stre et transitexchanges, driveways traffic / pedestrian signals, intersection improvements, road work and utilities.			New bus stops beyond the MRN required for bus route changes to and from SkyTrain stations.	
* Burnaby / TransLii	Burnaby / TransLink Major Road Network Funded Transit Passenger Facilities	led Transit Passenger Facilities			dac0176.wp	dac0176.wpd, Version: October 25, 1999

Burnably I Translank Major Road Iverwork Funded Highway an application for cost sharing will be presented to Translank under the MRN If these costs are not assumed by a Legacy Fund then these projects may be undertaken by others

City of Burnaby - Preliminary Municipal Integration Fund (MIF) Elements Related to SkyTrain

ACS = abutting concrete sidewalk, C = curb, F = fire hydrants, G = Gutter, GB = grass boulevard, L = Landscaping, PL = pedestrian lighting, PPUDO = passenger pick-up/drop-off, R = reconstruction, S = Storm Sewer, SCFB = stamped concrete front boulevard, SCS = separated concrete sidewalk, STG = street trees with grates, UOU = underground overhead utilities, W = water main

Chairmage Stream Location From 1 to Responsibility Description Estimate						•					Capital / Design
1			Chainag	e Street	Location	r From / To	Res	poneibilit	y Description		Cost Estimate
1,000 Community December Part Section Sectio			21490	0 North Road	road	Austin to Lougheer		iF . Retar	reconfiguration of median and left han have		
1,000 Comment Process Comment Proces	1		21490	C Government PI	at						
1.00	_										
1.00	5										
1.00	1 2		21490	0 Loughead							
1.00	1 72						M	# Basic			
1.00	0						M	IF - Basic			
1.00											
1.00	E	-	21470	0 bus koop	east						
1.00	8	5			ai		M	IF - Basic			
1.00	=	ē				adjacent to bus loop				rainage	
1.00	3	S									
1.00	0										
1.00	=	S								ing)	
1.00	8										
1.00	2				south						
1.00	5				at		М	F - Basic			
1.00	=										
1.00 1.00	3										
1985 Logised	l										
1.15 1.15	l		214400	Lougheed		Austr	M	r - Basic			
1.00 1.00			212/5/	Loughand	north.		- 12	Name of		ub-total	\$4,000,000
1,000 Postuction set station site station	l					Gardere to University Station site	241	F - Basic			
1909 1900	l					station eite					
PRIOR Production weet Production weet Production weet Production weet Production weet Production weet Production Production weet Production	_										
PRIOR Production weet Production weet Production weet Production weet Production weet Production weet Production Production weet Production						station site					
PRIOR Production weet Production weet Production weet Production weet Production weet Production weet Production Production weet Production	1	~	213000	Production		station site	Mi	F - Basic	weather protection to, shelters and PL on bus loop		
PRIOR Production weet Production weet Production weet Production weet Production weet Production weet Production Production weet Production	ြတ	5							traffic signal upgrade for transit priority (controller)		
PRIOR Production weet Production weet Production weet Production weet Production weet Production weet Production Production weet Production	≥	ē									
PRIOR Production weet Production weet Production weet Production weet Production weet Production weet Production Production weet Production	-25	S									
PRIOR Production weet Production weet Production weet Production weet Production weet Production weet Production Production weet Production	- E	8									
PRIOR Production weet Production weet Production weet Production weet Production weet Production weet Production Production weet Production	.≥	S									
PRIOR Production weet Production weet Production weet Production weet Production weet Production weet Production Production weet Production	=										
17/150 Log-pixed South Piper to Locke Log-pixed Log-pi			212800	Thunderbird	south	Production west					
1150 Locaymed 2015			212750	Lougheed	south	Brighton to eb far-side bus stop			sidewalk		
1150 Locaymed 2015									at a	ub-total	\$1,600,000
21/150 Lisks City Wy									sidewalk, drainage		
21150 Lake City Wy set control to the control of th									200 mm dia water main extension		
21150 Lougheed and south 1 Weston MIF - Basic Purk wellowey upgrading and lighting sub-total \$11,200,000 WIF - Basic December 200400 Spering at Lougheed to Weston MIF - Basic Purk wellowey (Controller) to so so better than 1 Lougheed to Weston MIF - Basic Purk Weston Spering at Lougheed to Weston MIF - Basic Purk Weston Spering at Lougheed to Weston MIF - Basic Purk Weston Spering at Lougheed to Weston MIF - Basic Purk Weston Spering West Purk Weston MIF - Basic Purk Weston MIF - B	_										
21150 Lougheed and south 1 Weston MIF - Basic Purk wellowey upgrading and lighting sub-total \$11,200,000 WIF - Basic December 200400 Spering at Lougheed to Weston MIF - Basic Purk wellowey (Controller) to so so better than 1 Lougheed to Weston MIF - Basic Purk Weston Spering at Lougheed to Weston MIF - Basic Purk Weston Spering at Lougheed to Weston MIF - Basic Purk Weston Spering at Lougheed to Weston MIF - Basic Purk Weston Spering West Purk Weston MIF - Basic Purk Weston MIF - B	.0										
21150 Lougheed and south 1 Weston MIF - Basic Purk wellowey upgrading and lighting sub-total \$11,200,000 WIF - Basic December 200400 Spering at Lougheed to Weston MIF - Basic Purk wellowey (Controller) to so so better than 1 Lougheed to Weston MIF - Basic Purk Weston Spering at Lougheed to Weston MIF - Basic Purk Weston Spering at Lougheed to Weston MIF - Basic Purk Weston Spering at Lougheed to Weston MIF - Basic Purk Weston Spering West Purk Weston MIF - Basic Purk Weston MIF - B	Ħ	~									
21150 Lougheed and south 1 Weston MIF - Basic Purk wellowey upgrading and lighting sub-total \$11,200,000 WIF - Basic December 200400 Spering at Lougheed to Weston MIF - Basic Purk wellowey (Controller) to so so better than 1 Lougheed to Weston MIF - Basic Purk Weston Spering at Lougheed to Weston MIF - Basic Purk Weston Spering at Lougheed to Weston MIF - Basic Purk Weston Spering at Lougheed to Weston MIF - Basic Purk Weston Spering West Purk Weston MIF - Basic Purk Weston MIF - B	25	3									
21150 Lougheed and south 1 Weston MIF - Basic Purk wellowey upgrading and lighting sub-total \$11,200,000 WIF - Basic December 200400 Spering at Lougheed to Weston MIF - Basic Purk wellowey (Controller) to so so better than 1 Lougheed to Weston MIF - Basic Purk Weston Spering at Lougheed to Weston MIF - Basic Purk Weston Spering at Lougheed to Weston MIF - Basic Purk Weston Spering at Lougheed to Weston MIF - Basic Purk Weston Spering West Purk Weston MIF - Basic Purk Weston MIF - B	>	<u>ਭ</u>			north				pipe drainage ditch		
21150 Lougheed and south 1 Weston MIF - Basic Purk wellowey upgrading and lighting sub-total \$11,200,000 WIF - Basic December 200400 Spering at Lougheed to Weston MIF - Basic Purk wellowey (Controller) to so so better than 1 Lougheed to Weston MIF - Basic Purk Weston Spering at Lougheed to Weston MIF - Basic Purk Weston Spering at Lougheed to Weston MIF - Basic Purk Weston Spering at Lougheed to Weston MIF - Basic Purk Weston Spering West Purk Weston MIF - Basic Purk Weston MIF - B	#	S.									
21150 Lougheed and south 1 Weston MIF - Basic Purk wellowey upgrading and lighting sub-total \$11,200,000 WIF - Basic December 200400 Spering at Lougheed to Weston MIF - Basic Purk wellowey (Controller) to so so better than 1 Lougheed to Weston MIF - Basic Purk Weston Spering at Lougheed to Weston MIF - Basic Purk Weston Spering at Lougheed to Weston MIF - Basic Purk Weston Spering at Lougheed to Weston MIF - Basic Purk Weston Spering West Purk Weston MIF - Basic Purk Weston MIF - B	0	8									
21150 Lougheed and south 1 Weston MIF - Basic Purk wellowey upgrading and lighting sub-total \$11,200,000 WIF - Basic December 200400 Spering at Lougheed to Weston MIF - Basic Purk wellowey (Controller) to so so better than 1 Lougheed to Weston MIF - Basic Purk Weston Spering at Lougheed to Weston MIF - Basic Purk Weston Spering at Lougheed to Weston MIF - Basic Purk Weston Spering at Lougheed to Weston MIF - Basic Purk Weston Spering West Purk Weston MIF - Basic Purk Weston MIF - B	2	S							Lake City Station - design, public consultation and other RTP	0	
21150 Lougheed and south 1 Weston MIF - Basic Purk wellowey upgrading and lighting sub-total \$11,200,000 WIF - Basic December 200400 Spering at Lougheed to Weston MIF - Basic Purk wellowey (Controller) to so so better than 1 Lougheed to Weston MIF - Basic Purk Weston Spering at Lougheed to Weston MIF - Basic Purk Weston Spering at Lougheed to Weston MIF - Basic Purk Weston Spering at Lougheed to Weston MIF - Basic Purk Weston Spering West Purk Weston MIF - Basic Purk Weston MIF - B	9		211350	Loughead							
204400 Sperring at bus loop MIF - Basic Control of the profit state of the profit stat	_					Dake City try to west end of station site	MIF	- Basic			
200400 Sperring at bus loop MIF - Basic bus loop Sperring at bus loop MIF - Basic bus loop Sperring at bus loop MIF - Basic bus loop modification MIF - Basic bus loop modifica			2,1000	Loograco			MAIL.	- Detail			*** 200 200
200400 Sperfing at bos loop AIF-Basic Posterior of the Company of			209400	Spering	east	at Winston	UF	- Rasir		D-total	\$11,200,000
200300 Spering at Lougheed Winston MIF- Basic Despite of Winston MIF- Basic Neston of Spering at Unapheed to Winston MIF- Basic Neston MIF- Basic Neston MIF- Basic Despite Of Holdorn est Lougheed or Goring MIF- Basic Despite Of Holdorn west Lougheed or Goring MIF- Basic Despite Of Holdorn west Lougheed or Goring MIF- Basic Despite Of Holdorn west Lougheed or Goring MIF- Basic Despite Of Holdorn west Lougheed or Goring MIF- Basic Despite Of Holdorn west Lougheed or Goring MIF- Basic Despite Of Holdorn west Lougheed or Goring MIF- Basic Despite Of Holdorn west Lougheed or Goring MIF- Basic Despite Of Holdorn west Lougheed or Goring MIF- Basic Despite Of Holdorn west Lougheed or Goring MIF- Basic Despite Of Holdorn west Lougheed or Goring MIF- Basic Despite Of Holdorn west Lougheed or Goring MIF- Basic Despite Of Holdorn west Lougheed or Goring MIF- Basic Despite Of Holdorn west Lougheed or Goring MIF- Basic Despite Of Holdorn west Lougheed or Goring MIF- Basic Despite Of Holdorn west Lougheed or Goring MIF- Basic Despite Of Holdorn west Lougheed or Goring MIF- Basic Despite Of Goring MIF- Basic Despite					at	bus loop					
20000 Cougheed north Calcumpheed Milf- Basic northbound farset only lane 20000 Cougheed north Holdom was to bus loop and Goring Milf- Basic 20000 Holdom as at Lougheed and Coestal Ford driveway Milf- Basic 20000 Holdom as at Lougheed to Castal Ford driveway Milf- Basic 20000 Holdom as at Lougheed to Castal Ford driveway Milf- Basic 20000 Holdom as at Lougheed to Castal Ford driveway Milf- Basic 20000 Holdom as at Lougheed to Castal Ford driveway Milf- Basic 20000 Holdom Ford Holdom West Lougheed to Goring Milf- Basic 20000 Holdom Ford Holdom Milf- Basic 20000 Lougheed at Holdom Milf- Basic 20000 Lougheed at Holdom West Lougheed and Coestal Ford driveway Milf- Basic 20000 Lougheed Notice Milf- Basic 200000 Lougheed Notice Milf- Basic 20000 Calcumpheed Notice Notice Notice Milf- Basic 20000 Calcumpheed Notice	Ξ										
20000 Cougheed north Calcumpheed Milf- Basic northbound farset only lane 20000 Cougheed north Holdom was to bus loop and Goring Milf- Basic 20000 Holdom as at Lougheed and Coestal Ford driveway Milf- Basic 20000 Holdom as at Lougheed to Castal Ford driveway Milf- Basic 20000 Holdom as at Lougheed to Castal Ford driveway Milf- Basic 20000 Holdom as at Lougheed to Castal Ford driveway Milf- Basic 20000 Holdom as at Lougheed to Castal Ford driveway Milf- Basic 20000 Holdom Ford Holdom West Lougheed to Goring Milf- Basic 20000 Holdom Ford Holdom Milf- Basic 20000 Lougheed at Holdom Milf- Basic 20000 Lougheed at Holdom West Lougheed and Coestal Ford driveway Milf- Basic 20000 Lougheed Notice Milf- Basic 200000 Lougheed Notice Milf- Basic 20000 Calcumpheed Notice Notice Notice Milf- Basic 20000 Calcumpheed Notice	≆	*									
20000 Cougheed north Calcumpheed Milf- Basic northbound farset only lane 20000 Cougheed north Holdom was to bus loop and Goring Milf- Basic 20000 Holdom as at Lougheed and Coestal Ford driveway Milf- Basic 20000 Holdom as at Lougheed to Castal Ford driveway Milf- Basic 20000 Holdom as at Lougheed to Castal Ford driveway Milf- Basic 20000 Holdom as at Lougheed to Castal Ford driveway Milf- Basic 20000 Holdom as at Lougheed to Castal Ford driveway Milf- Basic 20000 Holdom Ford Holdom West Lougheed to Goring Milf- Basic 20000 Holdom Ford Holdom Milf- Basic 20000 Lougheed at Holdom Milf- Basic 20000 Lougheed at Holdom West Lougheed and Coestal Ford driveway Milf- Basic 20000 Lougheed Notice Milf- Basic 200000 Lougheed Notice Milf- Basic 20000 Calcumpheed Notice Notice Notice Milf- Basic 20000 Calcumpheed Notice	.	£									l
20000 Cougheed north Calcumpheed Milf- Basic northbound farset only lane 20000 Cougheed north Holdom was to bus loop and Goring Milf- Basic 20000 Holdom as at Lougheed and Coestal Ford driveway Milf- Basic 20000 Holdom as at Lougheed to Castal Ford driveway Milf- Basic 20000 Holdom as at Lougheed to Castal Ford driveway Milf- Basic 20000 Holdom as at Lougheed to Castal Ford driveway Milf- Basic 20000 Holdom as at Lougheed to Castal Ford driveway Milf- Basic 20000 Holdom Ford Holdom West Lougheed to Goring Milf- Basic 20000 Holdom Ford Holdom Milf- Basic 20000 Lougheed at Holdom Milf- Basic 20000 Lougheed at Holdom West Lougheed and Coestal Ford driveway Milf- Basic 20000 Lougheed Notice Milf- Basic 200000 Lougheed Notice Milf- Basic 20000 Calcumpheed Notice Notice Notice Milf- Basic 20000 Calcumpheed Notice	S	¥									
20000 Cougheed north Calcumpheed Milf- Basic northbound farset only lane 20000 Cougheed north Holdom was to bus loop and Goring Milf- Basic 20000 Holdom as at Lougheed and Coestal Ford driveway Milf- Basic 20000 Holdom as at Lougheed to Castal Ford driveway Milf- Basic 20000 Holdom as at Lougheed to Castal Ford driveway Milf- Basic 20000 Holdom as at Lougheed to Castal Ford driveway Milf- Basic 20000 Holdom as at Lougheed to Castal Ford driveway Milf- Basic 20000 Holdom Ford Holdom West Lougheed to Goring Milf- Basic 20000 Holdom Ford Holdom Milf- Basic 20000 Lougheed at Holdom Milf- Basic 20000 Lougheed at Holdom West Lougheed and Coestal Ford driveway Milf- Basic 20000 Lougheed Notice Milf- Basic 200000 Lougheed Notice Milf- Basic 20000 Calcumpheed Notice Notice Notice Milf- Basic 20000 Calcumpheed Notice	5	ౘ	209300	opering Spering							1
20000 Cougheed north Calcumpheed Milf- Basic northbound farset only lane 20000 Cougheed north Holdom was to bus loop and Goring Milf- Basic 20000 Holdom as at Lougheed and Coestal Ford driveway Milf- Basic 20000 Holdom as at Lougheed to Castal Ford driveway Milf- Basic 20000 Holdom as at Lougheed to Castal Ford driveway Milf- Basic 20000 Holdom as at Lougheed to Castal Ford driveway Milf- Basic 20000 Holdom as at Lougheed to Castal Ford driveway Milf- Basic 20000 Holdom Ford Holdom West Lougheed to Goring Milf- Basic 20000 Holdom Ford Holdom Milf- Basic 20000 Lougheed at Holdom Milf- Basic 20000 Lougheed at Holdom West Lougheed and Coestal Ford driveway Milf- Basic 20000 Lougheed Notice Milf- Basic 200000 Lougheed Notice Milf- Basic 20000 Calcumpheed Notice Notice Notice Milf- Basic 20000 Calcumpheed Notice	-=	9									1
20000 Cougheed north Calcumpheed Milf- Basic northbound farset only lane 20000 Cougheed north Holdom was to bus loop and Goring Milf- Basic 20000 Holdom as at Lougheed and Coestal Ford driveway Milf- Basic 20000 Holdom as at Lougheed to Castal Ford driveway Milf- Basic 20000 Holdom as at Lougheed to Castal Ford driveway Milf- Basic 20000 Holdom as at Lougheed to Castal Ford driveway Milf- Basic 20000 Holdom as at Lougheed to Castal Ford driveway Milf- Basic 20000 Holdom Ford Holdom West Lougheed to Goring Milf- Basic 20000 Holdom Ford Holdom Milf- Basic 20000 Lougheed at Holdom Milf- Basic 20000 Lougheed at Holdom West Lougheed and Coestal Ford driveway Milf- Basic 20000 Lougheed Notice Milf- Basic 200000 Lougheed Notice Milf- Basic 20000 Calcumpheed Notice Notice Notice Milf- Basic 20000 Calcumpheed Notice	ᡖ	Š	209300	Sperting			MIF	- Resir			
20000 Cougheed north Calcumpheed Milf- Basic northbound farset only lane 20000 Cougheed north Holdom was to bus loop and Goring Milf- Basic 20000 Holdom as at Lougheed and Coestal Ford driveway Milf- Basic 20000 Holdom as at Lougheed to Castal Ford driveway Milf- Basic 20000 Holdom as at Lougheed to Castal Ford driveway Milf- Basic 20000 Holdom as at Lougheed to Castal Ford driveway Milf- Basic 20000 Holdom as at Lougheed to Castal Ford driveway Milf- Basic 20000 Holdom Ford Holdom West Lougheed to Goring Milf- Basic 20000 Holdom Ford Holdom Milf- Basic 20000 Lougheed at Holdom Milf- Basic 20000 Lougheed at Holdom West Lougheed and Coestal Ford driveway Milf- Basic 20000 Lougheed Notice Milf- Basic 200000 Lougheed Notice Milf- Basic 20000 Calcumpheed Notice Notice Notice Milf- Basic 20000 Calcumpheed Notice	Ğ.				at	Winston			reconstruct intersection and signalize		
2000 Lougheed north clotdom west business produced to Goring MIF - Beaic produced produced to Goring MIF - Beaic produced produced to Goring MIF - Beaic produced produced produced to Goring MIF - Beaic produced produced produced to Goring MIF - Beaic produced prod	0,		209300	Sparting	east	Winston to Lougheed	MIF	- Basic			
2000 Lougheed north clotdom west business produced to Goring MIF - Beaic produced produced to Goring MIF - Beaic produced produced to Goring MIF - Beaic produced produced produced to Goring MIF - Beaic produced produced produced to Goring MIF - Beaic produced prod										b-total	\$1,900,000
207505 Holdom east Lougheed and Coastal Ford driveway MIF - Basic 207505 Holdom east Lougheed to Goring MIF - Basic 207505 Holdom west Lougheed to Goring MIF - Basic 207505 Holdom west Lougheed to Goring MIF - Basic 207505 Holdom west Lougheed to Goring MIF - Basic 207505 Holdom west Lougheed to Goring MIF - Basic 207505 Holdom west Lougheed to Goring MIF - Basic 207505 Lougheed at Holdom MIF - Basic 207500 Holdom west Lougheed and Goring MIF - Basic 207500 Holdom west Lougheed and Goring MIF - Basic 207500 Lougheed south north Holdom bus stop west of Holdom MIF - Basic 207500 Lougheed north Holdom bus stop west of Holdom MIF - Basic 207500 Lougheed north Holdom bus stop west of Holdom MIF - Basic 207500 Lougheed north Holdom bus stop west of Holdom MIF - Basic 207500 Lougheed north Holdom bus stop west of Holdom MIF - Basic 207500 Lougheed north Holdom bus stop west of Holdom MIF - Basic 207500 Lougheed north Holdom Bus Holdom MIF - Basic 207500 Lougheed north Holdom Bus Holdom MIF - Basic 207500 Lougheed north Holdom Bus Holdom MIF - Basic 207500 Lougheed north Holdom Bus Holdom MIF - Basic 207500 Lougheed north Holdom Bus Holdom MIF - Basic 207500 Lougheed north Holdom Bus Holdom MIF - Basic 207500 Lougheed north Holdom Bus Holdom MIF - Basic 207500 Lougheed north Holdom Bus Holdom MIF - Basic 207500 Lougheed north Holdom Bus Holdom MIF - Basic 207500 Glimore west 10000 MIF - Basic 207500 Glimore west 10000 MIF - Basic 207500 Glimore west 100000 MIF - Basic 207500 Glimore west 10000 MIF - Basic 207500 Glimore west 100000 MIF - Basic 207500 Glimore west 100000 MIF - Basic 207500 Glimore west 1000000 MIF - Basic 207500 Glimore west 1000000000000000000000000000000000000										************	·····
207550 Holdom seat Lougheed and Coastal Ford chreway WIF - Basic Visit Strain County of Coastal Ford Service Visit Strain County of Coastal Ford Service Visit Strain Coastal Coastal Ford Service Visit Strain Coastal Coastal Ford Service Visit Strain Coastal Coastal Ford Service											1
20 20720 Holdom wast loop MIF- Basic contention of westbound left turn lene passenger inheliters part properly required for bus loop and for bus loop will reduce to recting bus loop and for bus loop will reduce to recting bus loop will reduc	=										
20 20720 Holdom wast loop MIF- Basic contention of westbound left turn lene passenger inheliters part properly required for bus loop and for bus loop will reduce to recting bus loop and for bus loop will reduce to recting bus loop will reduc	.0										1
20 20720 Holdom wast loop MIF- Basic contention of westbound left turn lene passenger inheliters part properly required for bus loop and for bus loop will reduce to recting bus loop and for bus loop will reduce to recting bus loop will reduc	정	÷.									
20 20720 Holdom wast loop MIF- Basic contention of westbound left turn lene passenger inheliters part properly required for bus loop and for bus loop will reduce to recting bus loop and for bus loop will reduce to recting bus loop will reduc	ಬ	ş			med :	coupling to Goring	MIF	- Basic			1
207202 Holdom st bus loop MIF - Basic 207202 Holdom Scholar Port Incident Port Port Port Port Port Port Port Por	Ē	ž									ļ
207900 Lougheed south near-eide of Holdorn MIF - Basic bus stop, wheelchair pad, shafter pad sub-total \$1,000,000 206300 Lougheed south fire-risks of Willingdon to Alphe (to connect to south pod) 206200 Lougheed south fire-risks of Willingdon MIF - Basic 206200 Lougheed north station to existing bus loop MIF - Basic 206200 Lougheed north station to existing bus loop MIF - Basic 206200 Lougheed north station to existing bus loop MIF - Basic 206150 Willingdon et al. Lougheed MIF - Basic 206150 Gilmore 206150 Willingdon et al. Lougheed MIF - Basic 206150 Gilmore 206150 Willingdon et al. Lougheed MIF - Basic 206150 Gilmore 206150 Willingdon et al. Lougheed MIF - Basic 206150 Gilmore 206150 Willingdon et al. Lougheed MIF - Basic 206150 Gilmore 206150 Willingdon et al. Lougheed MIF - Basic 206150 Gilmore 206150 Willingdon et al. Lougheed MIF - Basic 206150 Gilmore 206150 Willingdon et al. Lougheed MIF - Basic 206150 Gilmore 206150 Willingdon et al. Lougheed MIF - Basic 206150 Gilmore 206150 Willingdon et al. Lougheed MIF - Basic 206150 Willingdon et al. Lougheed MIF - Basic 206150 Gilmore 206150 Willingdon et al. Lougheed MIF - Basic 206150 Willingdon et al.	ō		207920	Holdom	at i	our loop					ļ
207900 Lougheed south near-eide of Holdorn MIF - Basic bus stop, wheelchair pad, shafter pad sub-total \$1,000,000 206300 Lougheed south fire-risks of Willingdon to Alphe (to connect to south pod) 206200 Lougheed south fire-risks of Willingdon MIF - Basic 206200 Lougheed north station to existing bus loop MIF - Basic 206200 Lougheed north station to existing bus loop MIF - Basic 206200 Lougheed north station to existing bus loop MIF - Basic 206150 Willingdon et al. Lougheed MIF - Basic 206150 Gilmore 206150 Willingdon et al. Lougheed MIF - Basic 206150 Gilmore 206150 Willingdon et al. Lougheed MIF - Basic 206150 Gilmore 206150 Willingdon et al. Lougheed MIF - Basic 206150 Gilmore 206150 Willingdon et al. Lougheed MIF - Basic 206150 Gilmore 206150 Willingdon et al. Lougheed MIF - Basic 206150 Gilmore 206150 Willingdon et al. Lougheed MIF - Basic 206150 Gilmore 206150 Willingdon et al. Lougheed MIF - Basic 206150 Gilmore 206150 Willingdon et al. Lougheed MIF - Basic 206150 Gilmore 206150 Willingdon et al. Lougheed MIF - Basic 206150 Willingdon et al. Lougheed MIF - Basic 206150 Gilmore 206150 Willingdon et al. Lougheed MIF - Basic 206150 Willingdon et al.	Þ	స్ట			west i	ous loop	MF	- Basic	Property required for bus loop		i
207900 Lougheed south near-eide of Holdorn MIF - Basic bus stop, wheelchair pad, shafter pad sub-total \$1,000,000 206300 Lougheed south fire-risks of Willingdon to Alphe (to connect to south pod) 206200 Lougheed south fire-risks of Willingdon MIF - Basic 206200 Lougheed north station to existing bus loop MIF - Basic 206200 Lougheed north station to existing bus loop MIF - Basic 206200 Lougheed north station to existing bus loop MIF - Basic 206150 Willingdon et al. Lougheed MIF - Basic 206150 Gilmore 206150 Willingdon et al. Lougheed MIF - Basic 206150 Gilmore 206150 Willingdon et al. Lougheed MIF - Basic 206150 Gilmore 206150 Willingdon et al. Lougheed MIF - Basic 206150 Gilmore 206150 Willingdon et al. Lougheed MIF - Basic 206150 Gilmore 206150 Willingdon et al. Lougheed MIF - Basic 206150 Gilmore 206150 Willingdon et al. Lougheed MIF - Basic 206150 Gilmore 206150 Willingdon et al. Lougheed MIF - Basic 206150 Gilmore 206150 Willingdon et al. Lougheed MIF - Basic 206150 Gilmore 206150 Willingdon et al. Lougheed MIF - Basic 206150 Willingdon et al. Lougheed MIF - Basic 206150 Gilmore 206150 Willingdon et al. Lougheed MIF - Basic 206150 Willingdon et al.	우										J
205.00 Loughead 205.00 Willingdon 205.00						foldom to bus stop west of Holdom					i
205.00 Loughead south Willingdon to Alpha (to connect to south pod) 205.00 Loughead north station to existing bus loop MIF- Basic Section 1. Se			20/900	Lougneed	SOUTH !	New-saut Of PloidOffi	MF	- Basic			I
205200 Loughead north station to existing bus loop MIF - Beaic Decreased Polymorphisms of the control of the co			306200	number /		(0		-		b-total	\$1,000,000
20200 Loughead north station to existing bus loop MIF - Basic 20200 Loughead north station to existing bus loop MIF - Basic 20200 Loughead north station to existing bus loop MIF - Basic 20200 Loughead north station to existing bus loop MIF - Basic 20200 Loughead north station to existing bus loop MIF - Basic 20200 Loughead north station to existing bus loop MIF - Basic 20200 MIF - Basic 202000 MIF - Basic 20200 MIF - Basic 202000 MIF - Basic 20200 MIF - Basi		6			SOUTH I	rranguan to Aprile (to connect to south pod)	MIL	- Casic			
205300 Dawson south far-aids of Gimore sext bus stop north of Dewson to Lougheed MiF - Basic 205300 Gimore west Lougheed MiF - Basic M	. •	Æ							6 m padastrian validate (3 m covered) Pl		i
205300 Dawson south far-aids of Gimore sext bus stop north of Dewson to Lougheed MiF - Basic 205300 Gimore west Lougheed MiF - Basic M	¥	ě			north s	station to existing bus loop					ŀ
205300 Dawson south far-aids of Gimore sext bus stop north of Dewson to Lougheed MiF - Basic 205300 Gimore west Lougheed MiF - Basic M	లై	ž			north s	station to existing bus loop					l
205300 Dawson south far-aids of Gimore sext bus stop north of Dewson to Lougheed MiF - Basic 205300 Gimore west Lougheed MiF - Basic M	œ	2			at i	inifex	M#	- Basic	traffic signal upgrade for transit priority (controller)		1
205300 Demon south far-aids of Gâmore MIF-Basic Demonstration of Câmore West Demons		Š	206150	Millingdon	et i	ougheed	MIF .	- Besic			I
205300 Demotor south far-aids of Gámore MIF-Basic Demotor Demo									sut	-total	\$1,900,000
sub-total \$700,000	g)	_			south f	ar-aide of Girmore	MIF				
sub-total \$700,000	ξ	7									ł
sub-total \$700,000	¥	3									i
sub-total \$700,000	=	ž									1
	G	σ,			L					. dadal	e7m.mm
EVEN DUE NO RE THE STABLORS MIF - Basic Bible lockers \$1,000,000									sub		
			206000			ated for at all ClosTonia at-#	1	Danie	D3 ()	1000	

Based on TransLink property acquisition costs \$23,300,000 Based on RTPO property acquisition costs \$27,900,000

City of Burnaby - Preliminary RTPO Elements Related to SkyTrain

OCTOBER 28, 1999

Legend

ACS = abutting concrete sidewalk, C = curb, F = fire hydrants, G = Gutter, GB = grass boulevard, L = Landscaping, PL = pedestrian lighting, PPUDO = passenger pick-up/drop-off, R = reconstruction, S = Storm Sewer, SCFB = stamped concrete front boulevard, SCS = seperated concrete sidewalk, STG = street trees with grates, UOU = underground overhead utilities, W = water main

		Chainage	Street	Location	From / To	Responsibility	Description
		214500	Lougheed	north	west end of bus loop to Austin	RTPO	underground overhead wiring
12	-	214500	Lougheed	north	west end of bus loop to Austin	RTPO	relocation of street lighting, as required
	SK	214500	Lougheed	north	west end of bus loop to Austin	RTPO	urban frontage (G, SCS, SCFB, STG, PL)
	-	214400	Lougheed	at	Austin	RTPO	PPUDO - reduction of westbound right turn lane
			Lougheed	north	east end of the station site to Production	RTPO	urban trail (ped / bicycle connection), SCFB, STG, PL
		213200	Lougheed	north	east end of station site to Production	RTPO	relocate sanitary sewer, as required
	7	213200	Lougheed	north	east end of station site to Production	RTPO	maintain access to trunk sanitary sewer
University	Sketch	213200	Lougheed	north	east end of station site to Production	RTPO	maintain access to storm sewer
8	6	213200	Production	east	east end of station site to Production	RTPO	remove overhead wiring along Lougheed frontage
=	ž	213200	Production	east	east end of station site to Production	RTPO	extend water main and provide fire hydrants
5	-	212900	Production	at	Lougheed	RTPO	recofigure intersection and curbs on the north side
ı		212900	Production	east	Lougheed to Thunderbird	RTPO	2.5 m urban trail (ped / bicycle connection), SCFB, STG, PL
Sper	4	209400	Lougheed	south	east end of the Station site to Sperling	RTPO	urban trail (ped / bicycle connection), SCFB, STG, PL
1 8	Š	209400	Sperling	east	Lougheed to bus loop driveway	RTPO	urban frontage (SCS, SCFB, STG, UT, PL)
S	S		Lougheed	south	east end of the Station site to Sperling	RTPO	relocate curb 1.3 m north including transitions
,		207950	Holdom	west	Lougheed to bus loop	RTPO	urban frontage (SCS, SCFB, STG, PL)
Holdom	5	207950		west	Lougheed to south edge of station site	RTPO	underground overhead wiring
<u> </u>	5	207950	Holdom	avenue		RTPO	extend sanitary sewer or pump across Holdom to trunk sewer
을	ë	207950	Lougheed	south	Holdom to west edge of station site	RTPO	urban frontage (SCS, SCFB, STG, PL)
우	Sketch		Lougheed	south	Holdom to west edge of station site	RTPO	urban trail (ped / bicycle connection)
-			Lougheed	south	Holdom to bus stop west of Holdom	RTPO	sidewalk
		206600	Lougheed	north	Beta to Alpha	RTPO	property required for proposed sidewalk
Brentwood		206600	Lougheed	north	Beta to Willingdon	RTPO	retaining walls as required
		206400	Lougheed	south	Alpha to Willingdon	RTPO	ACS, PL and lighting as required under the land bridge
	9		Lougheed	north	Alpha to Willingdon	RTPO	ACS, SCBB, STG, PL
	Sketch	206400	Lougheed	south	Alpha to Willingdon	RTPO	underground overhead wiring
	ĕ		Lougheed	south	through 4550 Lougheed	RTPO	connect to storm sewer (piped creek)
	న	206150	Lougheed	avenue		RTPO	extend existing sanitary sewer to service the station
~			Lougheed	Mall		RTPO	provide right-of-way for storm sewer under Mall site
ш			Lougheed	north		RTPO	fire truck access
			Lougheed		Willingdon to Rosser	RTPO	property required for proposed sidewalks
		205400			Gilmore to east edge of station site	RTPO	urban frontage (SCS, SCFB, SCBB, STG, PL)
ده ا		205300			near-side of Gilmore	RTPO	bus stop, shelter pad, wheelchair pad
Ė	Sketch 7	205300			Dawson (Henning) to 3 m south of bus stop	RTPO	1.8 m SCFB, 1.2 GB, PL
=	<u> </u>	205300			Dawson to Lougheed	RTPO	underground overhead wiring
=	9	205300			Dawson to PPUDO	RTPO	urban frontage (SCS, SCFB, SCBB, STG, PL)
Gilmore	S	205300			far-side of Dawson	RTPO	bus stop, shelter pad, wheelchair pad
-		205300			far-side of Dawson (Henning)	RTPO	bus stop, shelter pad, wheelchair pad
			Lougheed		North Road to bus loop	RTPO	reconstruct Lougheed to accomodate guideway
			Lougheed		North Road to bus loop	RTPO	property required for proposed sidewalks
Guideway			Lougheed		Austin to 270 m west of Bell	RTPO	reconstruct Lougheed to accomodate guideway
			Lougheed		Bell to Keswick	RTPO	revegetation as required
			Lougheed		Keswick	RTPO	structural modification for future urban trail overpass
Ö			Lougheed	avenue	100 m east of Lozells to Bainbridge	RTPO	reconstruct Lougheed to accomodate guideway
3			ougheed		Lozells to Bainbridge	RTPO	revegetation as required
Ō			ougheed		Kensington to Holdom	RTPO	storm sewer required
_			_ougheed		Delta	RTPO	structural modification for future urban trail overpass
		207000 L			Delta to 150 m east of Gilmore	RTPO	reconstruct Lougheed to accomodate guideway
L		20.000		aronus :	POINT TO THE DESCRIPTION OF THE PROPERTY OF	1111 U	receive and received to accommodate Annama's













