

**BVRTSC Board Approved Proposed 2018 10 Year Capital Plan
Summary Totals Capital Page**

		2016	2017	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Commission Capital Plan - SUMMARY		ACTUAL	BUDGET	YTD Actual										
Banff														
Proposed Annual Banff Contributions	A	332,000	311,000	311,000	379,000	379,000	1,810,667	553,000	553,000	553,000	553,000	553,000	553,000	553,000
Carry Over From Previous Year	B	608,491	757,706	757,706	882,599	782,612	1,042,448	996,949	1,348,615	1,771,449	2,101,782	2,507,115	1,774,556	2,286,890
Total Unspent Start of Year	C = A + B	940,491	1,068,706	1,068,706	1,261,599	1,161,612	2,853,115	1,549,949	1,901,615	2,324,449	2,654,782	3,060,115	2,327,556	2,839,890
Banff Local Projects	D	85,003	158,330	185,700	339,992	80,000	1,813,333	160,000	45,000	135,000	145,000	1,078,559	35,000	35,000
Canmore Banff Regional Projects	E	73,250	2,500	12,693	57,500	26,664	37,000	35,500	56,500	55,000	0	201,000	3,000	0
Commission Capital	F	24,531	25,277	185,494	81,495	12,500	5,833	5,833	28,667	32,667	2,667	6,000	2,667	0
Total Annual Capital Commitment	G = D + E + F	182,785	186,107	383,887	478,987	119,164	1,856,166	201,333	130,167	222,667	147,667	1,285,559	40,667	35,000
Remaining Unspent End of Year	H = C - G	757,706	882,599	684,819	782,612	1,042,448	996,949	1,348,615	1,771,449	2,101,782	2,507,115	1,774,556	2,286,890	2,804,890
Canmore														
Canmore Operating Capital Requisition	A	195,000	192,000	192,000	192,000	205,000	205,000	205,000	205,000	205,000	205,000	205,000	205,000	205,000
Canmore Project Capital Contributions		220,243	160,937	29,593	217,500	334,967	5,000	20,000	130,000	10,000	50,000	35,000	45,000	120,000
Carry Over From Previous Year	B	122,187	205,424	205,424	369,647	422,653	588,489	750,655	914,322	1,034,155	1,151,489	1,353,822	1,351,822	1,551,155
Total Unspent Start of Year	C = A + B	537,431	558,361	427,018	779,147	962,620	798,489	975,655	1,249,322	1,249,155	1,406,489	1,593,822	1,601,822	1,756,155
Canmore Local Operating Capital Expenditures		0	0	8,000	8,000	10,000	10,000	35,000	95,000	125,000	50,000	60,000	10,000	0
Canmore Local Project Capital Expenditures	D	234,225	160,937	29,593	217,500	334,967	5,000	20,000	130,000	10,000	50,000	35,000	45,000	120,000
Canmore Banff Regional Projects	E	73,250	2,500	12,693	57,500	26,664	37,000	35,500	56,500	55,000	0	201,000	3,000	0
Commission Capital	F	24,531	25,277	185,494	81,495	12,500	5,833	5,833	28,667	32,667	2,667	6,000	2,667	0
Total Annual Capital Commitment	G = D + E + F	332,006	188,714	227,780	356,495	374,131	47,833	61,333	215,167	97,667	52,667	242,000	50,667	120,000
Remaining Unspent End of Year	H = C - G	205,424	369,647	199,237	422,653	588,489	750,655	914,322	1,034,155	1,151,489	1,353,822	1,351,822	1,551,155	1,636,155
ID#9														
ID#9 Contributions	A	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000
carryover from previous year	B	139,641	155,110	155,110	169,833	128,338	155,838	190,005	224,171	235,505	242,838	280,171	314,171	351,505
Total Unspent Start of Year	C=A+B	179,641	195,110	195,110	209,833	168,338	195,838	230,005	264,171	275,505	282,838	320,171	354,171	391,505
ID9 Projects	C	-	-	18,184	-	-	-	-	-	-	-	-	-	-
Commission Capital	D	24,531	25,277	185,494	81,495	12,500	5,833	5,833	28,667	32,667	2,667	6,000	2,667	0
Total Annual Capital Commitment	E=C+D	24,531	25,277	203,678	81,495	12,500	5,833	5,833	28,667	32,667	2,667	6,000	2,667	0
remaining unspent end for year	F=C-E	155,110	169,833	-8,568	128,338	155,838	190,005	224,171	235,505	242,838	280,171	314,171	351,505	391,505
ALL PROJECTS														
Proposed Annual Contributions	A	567,000	543,000	543,000	611,000	624,000	2,055,667	798,000	798,000	798,000	798,000	798,000	798,000	798,000
Carry Over From Previous Year	B	870,319	1,118,240	1,118,240	1,422,079	1,333,603	1,786,775	1,937,609	2,487,109	3,041,109	3,496,109	4,141,109	3,440,550	4,189,550
Total Unspent Start of Year	C = A + B	1,657,562	1,822,177	1,690,833	2,250,579	2,292,570	3,847,442	2,755,609	3,415,109	3,849,109	4,344,109	4,974,109	4,283,550	4,987,550
All Projects	D	539,322	400,098	815,346	916,976	505,795	1,909,833	268,500	374,000	353,000	203,000	1,533,559	94,000	155,000
Total Annual Capital Commitment	E = D	539,322	400,098	815,346	916,976	505,795	1,909,833	268,500	374,000	353,000	203,000	1,533,559	94,000	155,000
Remaining Unspent End of Year	F = C - E	1,118,240	1,422,079	875,488	1,333,603	1,786,775	1,937,609	2,487,109	3,041,109	3,496,109	4,141,109	3,440,550	4,189,550	4,832,550
Check		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

bylaw, ID9 only contributes \$40K until they have operating over \$50K

**BVRTSC Board Approved Proposed 2018 10 Year Capital Plan
Banff Local Service Capital Page**

		2016	2017	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
			BUDGET	YTD Actual										
Banff														
Banff Projects	Life Cycle													
Banff Fleet Replacement	18 years	519,818										1,967,118		
Banff Fleet Additions (Increased Frequency)	18 Years			50,502	1,725,000		1,250,000							
Banff Fleet Additions (Park 'n Ride Shuttle)	18 Years						3,350,000							
Banff Hybrid Bus Battery Pack replacement	7-11 yrs		50,000		50,000	50,000								
Banff Smart Card Equipment	10 yrs										100,000			
Banff Next Bus Signs	8 yrs		30,000	8,349				50,000						
Smart Card Stock	5 yrs	27,652	20,000	25,938	30,000	30,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000
Hybrid bus Engine Replacement	8 yrs	62,952	65,000	54,337	65,000					100,000				
Banff Bus Zone Improvements - Bus Sign Changes		0									10,000			
Electronic Fare Equipment (upgrades)	10 Years	16,947	100,000	71,373										
Bus Security Camera Installation		0												
Mobile Ticketing Software		0			40,000									
Bike Rack Replacement - (2 bikes replaced with 3 bikes)		0							10,000					
Wrap Replacement	5 yrs	1,714					45,000	15,000				60,000		
Radios		920												
Bus Lifecycle Refurbishment - Exterior and Interior					240,000			60,000						
Expenditure prior to Dec 2012									0					
Banff Local Service Review														
Automatic Passenger Counters (InfoDev)				22,786										
Bus transmission replacement 2 per year	10 yrs				75,000									
Banff Planned Expenditures		630,003	265,000	233,284	2,225,000	80,000	4,680,000	160,000	45,000	135,000	145,000	2,062,118	35,000	35,000
Approved Grant Funding (GreenTRIP 2)		60,000												
Approved Grant Funding (GreenTRIP 3)			66,670	47,584	1,022,508		2,866,667							
Approved Grant Funding (PTIF)			40,000		862,500									
Insurance proceeds		485,000												
Projected Future Grant Funding												983,559		
Total Annual Capital Commitment		85,003	158,330	185,700	339,992	80,000	1,813,333	160,000	45,000	135,000	145,000	1,078,559	35,000	35,000

3 Nova Buses paid by PTIF and GreenTRIP

2 Nova Buses for local service

Fareboxes for the 3 2018 buses

5 Nova Buses - 4 parking lot shuttles and 1 spare

Unknown life. Already past expected life however no transit agencies have replaced yet.

5 years. 3 buses at approx. \$15K per bus

TOB Maintenance working with BVRTSC on scope of refurb to extend life to 2025

3 buses at \$25K

Conservative estimate of 50% of capital paid by grant

Farebox upgrades

Bus purchase and Refurbishing

**BVRTSC Board Approved Proposed 2018 10 Year Capital Plan
Canmore Local Service Capital Page**

		2016	2017	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
			BUDGET	YTD Actual										
Canmore Local	Life Cycle													
Operating Capital														
Bus replacement	12 years													
Smart Card Stock	3 Years				8,000	10,000	10,000		10,000		10,000	10,000		
Remix Enterprise License Fee		0												
Bus Transmission Replacement	8 years										25,000	25,000		30,000
Bus Engine Replacement	7 years								65,000	65,000				
Driver Swap Vehicle	5 years							15,000						
Bus Security Cameras	6 years								20,000		10,000			
Bus Wrap Replacement	5 Years							20,000		10,000			10,000	
Bus Refurbishing	7 years									50,000	5,000	25,000		
Subtotal:		0	0		8,000	10,000	10,000	35,000	95,000	125,000	50,000	60,000	10,000	
Project Capital														
Canmore Local Transfer Hub (Railway Avenue)														
Initial Bus Purchase	12 Years	690,704		3,997										
Spare Bus for Local Service	12 Years				360,000									
Electronic Fare Equipment	10years	0			25,000									100,000
Bus Communications Equipment	8 yrs				2,500									
Bike Trailers						10,000		10,000						
NextBus Initial Install On Buses		0			5,000									
NextBus Signs Incl. Install/Electical (approx \$15K per sign)	8years		60,000		60,000				30,000			30,000	30,000	20,000
Mobile Ticketing Software					20,000									
Bus Stop and Transit Wayfinding Signs			20,000				5,000	10,000		10,000		5,000		
Bus Stops and Shelters	5 Years		375,000			975,000					50,000			
Bus Security Cameras	6 Years	0			10,000									
Bus Wrap	5years	0			10,000									
Bus Storage Renovation		0	440,000						100,000					
Driver Swap Vehicle	5 Years				7,015								15,000	
Automatic Passenger Counters (InfoDev)					11,393									
IT Wireless - Local Garage					1,242									
Electronic Fare Equipment (upgrades)					17,843									
Coin Safe Purchase	20 yrs													
Project Capital Subtotal		690,704	895,000	41,489	492,500	985,000	5,000	20,000	130,000	10,000	50,000	35,000	45,000	120,000
Approved Grant Funding (GreenTRIP 2)		456,479	583,563			650,033		0	0	0	0	0	0	0
Approved Grant Funding (GreenTRIP 3)			40,000	11,896	275,000									
Approved Grant Funding (PTIF)			110,500											
Total Annual Project Capital Commitment		234,225	160,937	29,593	217,500	334,967	5,000	20,000	130,000	10,000	50,000	35,000	45,000	120,000

**BVRTSC Board Approved Proposed 2018 10 Year Capital Plan
CB Regional Service Capital Page**

		2016	2017	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
			BUDGET	YTD Actual										
CB Regional	Life Cycle													
Regional Projects														
Canmore Local Transfer Hub (Railway Avenue)														
Regional Bike Trailers	5 yrs	0												
Regional Bike Racks	5 yrs							6,000					6,000	
Regional Bus Wrap Replacement	5 yrs	7,860					24,000		18,000			26,000		
Regional Bus Purchases - Nova	18 Years	517,928												
Regional Bus Replacement - Cutaway	12 yrs											326,000		
Regional Bus Engine Replacement	5 Years				65,000			65,000	65,000					
Regional Bus transmission lifecycle replacement	10 yrs							50,000				50,000		
Bus Lifecycle Refurbishment - Exterior and Interior							160,000		30,000					
Regional Smart Cards stock - Replenish	5 yrs	0		6,749	10,000					10,000				
Mobile Ticketing Software	5 yrs				40,000									
Electronic Farebox Replacement (Trapeze)	10 Years		75,000	52,634										
Next Bus Signs	8 yrs	0	30,000											
Radios		712												
Regional Smartcard Equipment Replacement	10 yrs									100,000				
Regional WIFI Project				7,244										
Regional bus security cameras	8 yrs	0												
Automatic Passenger Counters (InfoDev)				11,393										
Regional Planned Expenditures		526,500	105,000	78,020	115,000	160,000	74,000	71,000	113,000	110,000	0	402,000	6,000	0
Approved Grant Funding (GreenTRIP 2)		380,000												
Approved Funding (GreenTRIP 3)			52,500	26,317		106,672								
Approved Grant Funding (PTIF)	\$37,500 farebox. \$10 NextBus			26,317										
Total Annual Capital Commitment		146,500	47,500	25,386	115,000	53,328	74,000	71,000	113,000	110,000	0	402,000	6,000	0
Each Partners Share (1/2 Each TOB and TOC)		73,250	5,000	12,693	57,500	26,664	37,000	35,500	56,500	55,000	0	201,000	3,000	0

One regional bus engine completed in 2016. 2nd to be done in 2018

Refurbishing of Moose and Sheep buses. GreenTRIP funded

**BVRTSC Board Approved Proposed 2018 10 Year Capital Plan
ID#9 Service Capital Page**

		2016	2017	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
			BUDGET	YTD Actual										
ID#9	Life Cycle													
ID9 Projects														
Design and Implementation Plan - LL to Banff Svc.			70,000	18,184										
Fleet Purchase	18 years													
Bus Stop Installations														
Smart Card Purchase	Initial													
Next Bus Signs	10 Years													
Bus Wrap	5 Years													
Security Cameras														
GPS Next Stop Announcement System														
ID9 Regional Expenditures		0	70,000	18,184	0	0	0	0	0	0	0	0	0	0
Approved Grant Funding (GreenTRIP 2)														
Approved Grant Funding (GreenTRIP 3)			35,000											
Approved Grant Funding (PTIF)			35,000											
Total Annual Capital Spending		0	0	18,184	0	0	0	0	0	0	0	0	0	0

**BVRTSC Board Approved Proposed 2018 10 Year Capital Plan
Commission Capital Page**

		2016	2017	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
			BUDGET	YTD Actual										
Commission related	Amount moved from 2018 due to flood. Board approved.													
Office Space Renovation														
Office Space Replacement/Upgrading			20,000							60,000				
Office Furniture and Equipment			10,000	9,257		10,000		10,000				10,000		
Main transit exchange (Banff) Engineering Study			30,000											
Main transit exchange (located in Banff) construction					465,000									
Next Bus Spare Signs (2)		10,590												
Gypsy - Next Stop Announcement System														
Bus Storage Facility - feasibility/ engineering study (delete line - included below)	Plan for land and initial design for bus storage facility					0								
Bus Storage Facility - Permanent			40,000			660,000	6,300,000							
Office IT, Computers, Wiring, Telephones,		4,613	10,000		20,000		10,000		10,000	10,000				
Website and Information Technology	5 yrs				10,000	20,000				20,000				
Office/Brochure Delivery Vehicle	6 yrs	8,468							8,000					
Steamcleaner for Fleet seats			5,000											
Security Cameras		45,004												
Remix Transit Planning Software			7,500		7,500	7,500	7,500	7,500	8,000	8,000	8,000	8,000	8,000	
Fleet Addition (Minnewanka)			570,000	547,224										
Stop Announcement Program Expansion to R6				1,250										
Office phones		4,918												
Fleet Next Bus Replacement					52,000				60,000					
Stop Announcement Program Expansion to R6				1,250										
Electronic Fare Equipment (upgrades) - SPARE				17,843										
Commission related annual total		73,593	692,500	576,824	554,500	37,500	17,500	17,500	86,000	98,000	8,000	18,000	8,000	0
Approved Grant Funding (GreenTRIP 2)		0	46,669		310,016	440,000	4,200,210							
Approved Grant Funding (GreenTRIP 3)				20,342										
Approved Grant Funding (PTIF)														
Third Party Funding			570,000											
Total Annual Capital Spending		73,593	75,831	556,482	244,484	37,500	17,500	17,500	86,000	98,000	8,000	18,000	8,000	0
Each Partners Share (1/3 each)		24,531	25,277	185,494	81,495	12,500	5,833	5,833	28,667	32,667	2,667	6,000	2,667	0