

CAPITAL IMPROVEMENT PLANS

Fiscal Year 2017-18

- **Capital and Vehicle and Equipment Summary**
[\(Attachment 1\)](#)
- **Water and Sewer Capital Plan**
[\(Attachment 2\)](#)
- **General Capital Plan**
[\(Attachment 3\)](#)
- **Vehicle and Equipment Plan**
[\(Attachment 4\)](#)

Town of Blowing Rock
Capital Vehicle and Equipment List
For the Fiscal Year 2017-18 Budget and Ten Year Plan

Description	FY 2017-18 Cost	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	Total of the 10 Year CIP with Inflation Impact
Utility Capital Equipment												
Utility Field Operations												
2007 Sewer Jet Vac. Harben. Trailer/Sewer Jet VIN# 0.2029	45,000	-	45,000	-	-	-	-	-	-	-	-	45,000
Valve Insertion Machine follows valves to be installed in water lines under pressure - no	60,000	-	-	-	-	-	-	-	67,570	-	-	67,570
1995 Air Compressor Ingersoll Rand 185 VIN# NA	14,000	-	-	-	14,566	-	-	-	-	-	-	14,566
2009 Utility Truck Ford F450 VIN# 0.1169	40,000	-	-	40,800	-	-	-	-	-	-	-	40,800
2013 Medium Truck Chevrolet 3500HD Diesel 4X4 VIN# 0.5096	31,650	-	-	-	-	33,587	-	-	-	-	-	33,587
Sewer Camera (replaces irreparable 2007 sewer camera)	70,340	-	-	-	-	-	76,138	-	-	-	-	76,138
2015 Mongoose Sewer Jetter VIN# 0.1800	46,662	-	-	-	-	-	-	-	-	-	-	46,662
2015 John Deere 310SK Backhoe- E02- VIN# 0.9920	76,351	-	-	-	-	-	-	86,506	-	-	-	86,506
2015 Chevrolet 2500HD Utility Truck- PW07- VIN# 0.4324	35,500	-	-	-	-	-	-	-	40,778	-	-	40,778
2015 Chevrolet 2500 HD Utility Truck- PW06- VIN# 0.4447	35,500	-	-	-	-	-	-	-	-	-	-	35,500
Utility Field Operations Subtotal	457,003	-	45,000	40,800	14,566	33,587	76,138	86,506	67,570	40,778	96,266	501,211
Utility Plant Operations												
2008 Ext. Cab Truck Ford Ranger 4X4 VIN# 0.1106 Surplus in 17-18	33,000	33,000	-	-	-	-	-	-	-	-	-	33,000
2009 Ext. Cab Truck Ford Ranger 4X4 VIN# 0.14388	33,000	-	33,000	-	-	-	-	-	-	-	-	33,000
John Deere 2930 S4 MOD Riding Mower	3,750	-	-	-	-	-	-	-	-	-	-	3,750
Utility Plant Operations Subtotal	33,000	33,000	-	-	-	-	-	-	-	-	-	77,424
Total Water / Sewer Capital Equipment	450,003	33,000	78,000	40,800	14,566	33,587	76,138	86,506	67,570	40,778	107,689	545,634
Average Cost Per Year of the Plan =	60,626											
Total General and Utility Capital Equipment	2,641,483	457,474	373,752	304,752	358,382	309,820	478,455	399,753	467,339	371,765	563,203	4,051,695

Town of Blowing Rock
General Capital Project Budget and Plan
For the Fiscal Year 17-18 Budget and Ten Year Plan
In Whole Dollars

		FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
ROADS AND SIDEWALKS												
DITCHLINES, ROAD REPAIRS, AND CULVERTS												
1	Road Failure Repairs		GO	40,000	-	-	-	-	-	-	-	-
2	Ditchline Repairs		GO	40,000	42,448	-	-	-	-	-	-	-
3	Culvert Replacements		GO	-	-	-	-	-	-	-	-	-
4	Greenway Court Drainage (Area Near Back of Homestead Inn)		GO	-	-	-	-	-	-	-	-	-
	Ditchlines, Road Repairs, and Culverts Subtotal			80,000	42,448	-	-	-	-	-	-	-
PAVING												
1	Repaving all Town Streets (goal to repave every 10 years)		GO	1,126,836	-	-	-	-	-	-	-	-
				2,035,190	-	-	-	-	-	-	-	-
VALLEY BLVD IMPROVEMENTS												
6	Valley Blvd Black Aluminum Fencing (to be paid in 3 annual installments after project completion)			-	70,000	-	-	-	-	-	-	-
	Streetscape Subtotal			-	70,000	-	-	-	-	-	-	-
SIDEWALKS, PARKING AND PEDESTRIAN												
7	US 221 - Main Street to Bass Lake		GO	-	-	1,226,876	-	-	-	-	-	-
8	Laurel Lane Sidewalk Replacement (Main to Wallingford-south side)		GO	-	-	-	-	-	-	-	-	-
9	Morris Street Sidewalk (BR Elementary to Chestnut - east side)		GO	185,070	-	-	-	-	-	-	-	-
10	Chestnut Street Sidewalk (Morris to Main - south side)		GO	-	-	477,820	-	-	-	-	-	-
11	Carriage Trail Paving		GO	42,448	-	-	-	-	-	-	-	-
12	Bond Counsel and Issuance Costs		GO	-	-	10,114	-	-	-	-	-	-
	Roads and Sidewalks Subtotal			227,518	-	1,714,810	-	-	-	-	-	-
	Roads and Sidewalks Total			2,189,614	112,448	3,750,000	-	-	-	-	-	-
	GENERAL CAPITAL PROJECT TOTAL			2,844,100	112,448	3,750,000	-	-	-	-	-	-
	Less Portion to be Funded with TDA Cash			85,000	-	-	-	-	-	-	-	-
	Less Portion to be Funded with Fire Department Contribution			-	-	-	-	-	-	-	-	-
	Less Portion to be Funded with Sales Tax Proceeds			-	70,000	-	-	-	-	-	-	-
	Less Portion to be Funded with Transportation GO Bond			2,189,614	42,448	3,750,000	-	-	-	-	-	-
	Less Portion to be Funded with Park GO Bond			560,386	-	-	-	-	-	-	-	-
	Equals Total Funding Identified			2,835,000	112,448	3,750,000	-	-	-	-	-	-

Note: \$60,000 from the Rural Fire Department contributed towards Fire Station #1; debt service is not included on this schedule. It is shown as a contribution into and out of the General Capital Fund to the General Fund where the debt service is paid.

Town of Blowing Rock
Water and Sewer Capital Project Budget and Plan
For the Fiscal Year 17-18 Budget and Ten Year Plan
In Whole Dollars

Description	Funding	1	2	3	4	5	6	7	8	9	10	11
		FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
WATER TREATMENT PLANT												
1 Small Capital Improvements	Sales Tax	-	-	-	-	-	-	-	-	-	-	-
WASTEWATER TREATMENT PLANT												
2 Small Capital Improvements	Sales Tax	-	-	-	-	-	-	-	-	-	-	-
VALLEY BLVD WATER AND SEWER												
Valley Blvd Water & Sewer Line Improvements (to be paid in 3 annual installments after project completion) Note: Total project cost is estimated to be \$725,556. With \$388,189 already funded, the remaining funding needed is \$337,367.												
4 Sewer Portion	GO	-	-	-	-	-	-	-	-	-	-	-
5 Water Portion	GO	-	-	-	-	-	-	-	-	-	-	-
WATER DISTRIBUTION SYSTEM												
6 Valve and Hydrant Maintenance Program	Sales Tax	-	-	-	-	-	-	-	-	-	-	-
7 Maple Street Water Line	GO	-	-	106,250	-	-	-	-	-	-	-	-
8 Sunset Drive Water Line	GO	142,500	-	-	-	-	-	-	-	-	-	-
9 Sounwood	GO	300,000	-	-	-	-	-	-	-	-	-	-
10 Other Lines/Repairs	GO	-	-	15,000	-	-	-	-	-	-	-	-
11 Sounwood Galvanized	GO	121,250	-	-	-	-	-	-	-	-	-	-
12 Goforth	GO	-	-	468,750	-	-	-	-	-	-	-	-
13 West Green Hill	GO	-	-	268,750	-	-	-	-	-	-	-	-
14 Greenhill	GO	-	-	-	-	-	-	-	-	-	-	-
15 Goforth Galvanized	GO	-	-	106,250	-	-	-	-	-	-	-	-
16 Bond Counsel + Interest	GO	-	-	-	-	-	-	-	-	-	-	-
17 Water Distribution System Subtotal		578,750	-	950,000	-	-	-	-	-	-	-	-
SEWER COLLECTION SYSTEM												
18 Chestnut Drive Sewer Extension	GO	-	-	-	-	-	-	-	-	-	-	-
19 Other Lines/Repairs	GO	35,000	-	-	-	-	-	-	-	-	-	-
20 Sewer System Infiltration/Inflow Study	GO	-	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
21 Sunset Drive	GO	300,000	-	-	-	-	-	-	-	-	-	-
22 Bond Counsel and Interest	GO	-	-	-	-	-	-	-	-	-	-	-
23 Sewer Collection System Subtotal		335,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
Water and Sewer Fund Subtotal		913,750	50,000	1,000,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
Less Portion to be Funded by GO Sewer		335,000	-	-	-	-	-	-	-	-	-	-
Less Portion to be Funded by GO Water		578,750	-	950,000	-	-	-	-	-	-	-	-
Less Portion to be Funded with Sales Tax Proceeds		-	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
Equals Total Funding Identified		913,750	50,000	1,000,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000

**Town of Blowing Rock
Budget and Capital Improvement Plan Summary
In Whole Dollars**

Capital Projects	FY 16-17 Adopted	FY 17-18 Adopted	\$ Change	% Change	Bond Projects in FY 17-18	% GO Funding in FY 17-18
General						
Public Facilities	177,597	69,100	(108,497)	-61%	-	0%
Parks & Recreation	-	585,386	585,386	100%	560,386	96%
Roads & Sidewalks	70,000	2,189,614	2,119,614	3028%	2,189,614	100%
Total General Capital	247,597	2,844,100	2,596,503	1049%	2,750,000	97%
Utility						
Water	55,000	578,750	523,750	952%	578,750	100%
Sewer	20,000	335,000	315,000	1575%	335,000	100%
Total Utility	75,000	913,750	838,750	1118%	913,750	100%
Total Projects	322,597	3,757,850	3,435,253	1065%	3,663,750	97%

Vehicles / Equipment	FY 16-17 Adopted	FY 17-18 Adopted	\$ Change	% Change
General				
Admin	-	39,000	39,000	100%
Police	83,457	86,474	3,017	4%
Planning and Inspections	-	-	-	0%
Streets	147,720	129,000	(18,720)	-13%
Sanitation	-	150,000	150,000	100%
Parks and Recreation	54,180	20,000	(34,180)	-63%
Total General Capital	285,357	424,474	139,117	49%
Utility				
Field Operations	-	-	-	0%
Plant Operations	-	33,000	33,000	100%
Total Utility	-	33,000	33,000	100%
Total Vehicles / Equipment	285,357	457,474	172,117	60.3%

Grand Total	607,954	4,215,324	3,607,370	593%
--------------------	----------------	------------------	------------------	-------------

** Note: FY 17-18 includes \$3.7 million of General Obligation Bond funded capital projects.*