

CAPITAL IMPROVEMENT PLANS

- **Capital and Vehicle and Equipment Summary**
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- **Water and Sewer Capital Plan**
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- **General Capital Plan**
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Town of Blowing Rock
Budget and Capital Improvement Plan Summary
In Whole Dollars
As of Fiscal Year 2016

Capital Projects	FY2015 Adopted	FY2016 Recommended	\$ Change	% Change
General				
Public Facilities	1,318,921	231,315	(1,087,606)	-82%
Parks & Recreation	133,200	404,734	271,534	204%
Roads & Sidewalks	-	3,098,761	3,098,761	N/A
Total General Capital	1,452,121	3,734,810	2,282,689	157%
Utility				
Water	55,000	566,667	511,667	930%
Sewer	40,000	685,417	645,417	1614%
Total Utility	95,000	1,252,084	1,157,084	1218%
Total Projects	1,547,121	4,986,894	3,439,773	222%

Vehicles / Equipment	FY2015 Adopted	FY2016 Recommended	\$ Change	% Change
General				
Police	38,000	77,520	39,520	104%
Planning and Inspections	-	-	-	N/A
Streets	130,000	155,500	25,500	20%
Sanitation	90,000	6,600	(83,400)	-93%
Parks and Recreation	24,000	64,000	40,000	167%
Total General Capital	282,000	303,620	21,620	8%
Utility				
Field Operations	205,050	155,000	(50,050)	-24%
Plant Operations	-	30,000	30,000	N/A
Total Utility	205,050	185,000	(20,050)	-10%
Total Vehicles / Equipment	487,050	488,620	1,570	0.3%

Grand Total	2,034,171	5,475,514	3,441,343	169%
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Town of Blowing Rock
Water and Sewer Capital Project Budget and Plan
For the Fiscal Year 2016 Budget and Ten Year Plan
 In Whole Dollars

		Year of Plan	Funding	1	2	3	4	5	6	7	8	9	10	11
Description		FY 2015 Cost		FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
WATER TREATMENT PLANT														
1	Small Capital Improvements	20,417	1 Sales Tax	20,417	-	-	-	-	-	-	-	-	-	-
WASTEWATER TREATMENT PLANT														
2	Small Capital Improvements	20,417	1 Sales Tax	20,417	-	-	-	-	-	-	-	-	-	-
VALLEY BLVD WATER AND SEWER														
3	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.	337,367	1	337,367	-	-	-	-	-	-	-	-	-	-
4	Sewer Portion	244,067	1 GO	244,067	-	-	-	-	-	-	-	-	-	-
5	Water Portion	93,300	1 GO	93,300	-	-	-	-	-	-	-	-	-	-
WATER DISTRIBUTION SYSTEM														
6	Valve and Hydrant Maintenance Program	150,000	1 Sales Tax	75,000	75,000	-	-	-	-	-	-	-	-	-
7	Maple Street Water Line	106,250	5 GO	-	-	-	-	106,250	-	-	-	-	-	-
8	Sunset Drive Water Line	157,500	3 GO	-	-	157,500	-	-	-	-	-	-	-	-
9	Sourwood	300,000	3 GO	-	-	300,000	-	-	-	-	-	-	-	-
10	Other Lines/Repairs	41,700	1 GO	41,700	-	-	-	-	-	-	-	-	-	-
11	Sourwood Galvanized	121,250	3 GO	-	-	121,250	-	-	-	-	-	-	-	-
12	Goforth	468,750	5 GO	-	-	-	-	468,750	-	-	-	-	-	-
13	West Green Hill	268,750	5 GO	-	-	-	-	268,750	-	-	-	-	-	-
14	Greenhill	312,500	1 GO	312,500	-	-	-	-	-	-	-	-	-	-
15	Goforth Galvanized	106,250	5 GO	-	-	-	-	106,250	-	-	-	-	-	-
16	Bond Counsel + Interest	23,750	1 GO	23,750	-	-	-	-	-	-	-	-	-	-
17	Water Distribution System Subtotal	2,056,700		452,950	75,000	578,750	-	950,000	-	-	-	-	-	-
SEWER COLLECTION SYSTEM														
18	Chestnut Drive Sewer Extension	55,000	1 GO	55,000	-	-	-	-	-	-	-	-	-	-
19	Other Lines/Repairs	294,133	1 GO	294,133	-	-	-	-	-	-	-	-	-	-
20	Sewer System Infiltration/Inflow Study	60,000	1 GO	60,000	-	-	-	-	-	-	-	-	-	-
21	Sunset Drive	335,000	12 GO	-	-	335,000	-	-	-	-	-	-	-	-
22	Bond Counsel and Interest	11,800	1 GO	11,800	-	-	-	-	-	-	-	-	-	-
23	Sewer Collection System Subtotal	755,933		420,933	-	335,000	-	-	-	-	-	-	-	-
Water and Sewer Fund Subtotal		3,190,834		1,252,084	75,000	913,750	-	950,000	-	-	-	-	-	-
Less Portion to be Funded by GO Sewer		1,000,000		665,000	-	335,000	-	-	-	-	-	-	-	-
Less Portion to be Funded by GO Water		2,000,000		471,250	-	578,750	-	950,000	-	-	-	-	-	-
Less Portion to be Funded with Sales Tax Proceeds		170,417		115,834	75,000	-	-	-	-	-	-	-	-	-
Equals Total Funding Identified		3,170,417		1,252,084	75,000	913,750	-	950,000	-	-	-	-	-	-

Town of Blowing Rock
General Capital Project Budget and Plan
For the Fiscal Year 2016 Budget and Ten Year Plan
 In Whole Dollars

ROADS AND SIDEWALKS				FY 2015 Cost			FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
DITCHLINES, ROAD REPAIRS, AND CULVERTS																	
1	Road Failure Repairs	513,565	GO	1	513,565	-	-	-	-	-	-	-	-	-	-	-	-
2	Ditchline Repairs	502,216	GO	1	502,216	-	-	-	-	-	-	-	-	-	-	-	-
3	Culvert Replacements	101,317	GO	1	101,317	-	-	-	-	-	-	-	-	-	-	-	-
4	Greenway Court Drainage (Area Near Back of Homestead Inn)	100,000	GO	1	100,000	-	-	-	-	-	-	-	-	-	-	-	-
	Ditchlines, Road Repairs, and Culverts Subtotal	1,217,098			1,217,098	-	-	-	-	-	-	-	-	-	-	-	-
PAVING																	
1	Repaving all Town Streets (goal to repave every 10 years)	3,500,000	GO	1	839,233	-	1,126,836	-	2,035,190	-	-	-	-	-	-	-	-
PAVING																	
1	Main Street Phase 5 - East Side from Morris to US 221	383,700	GO	1	383,700	-	-	-	-	-	-	-	-	-	-	-	-
2	Main Street Phase 6 - West Side from US 221 to Memorial Park	281,940	GO	1	281,940	-	-	-	-	-	-	-	-	-	-	-	-
3	Sunset Drive - Main to US 321	787,350	GO	4	-	-	835,260	-	-	-	-	-	-	-	-	-	-
4	Main Street Underground Utilities Study	42,840	GO	1	42,840	-	-	-	-	-	-	-	-	-	-	-	-
5	Sunset Drive Underground Utilities Study	22,950	GO	1	22,950	-	-	-	-	-	-	-	-	-	-	-	-
	Streetscape Subtotal	1,518,780			731,430	-	835,260	-	-	-	-	-	-	-	-	-	-
VALLEY BLVD IMPROVEMENTS																	
1	Valley Blvd Black Aluminum Fencing (to be paid in 3 annual installments after project completion)	210,000	Sales Tax		70,000	70,000	70,000	70,000	-	-	-	-	-	-	-	-	-
	Streetscape Subtotal	210,000			70,000	70,000	70,000	70,000	-	-	-	-	-	-	-	-	-
SIDEWALKS AND PEDESTRIAN																	
1	US 221 - Main Street to Bass Lake	1,200,000	GO	4	-	-	-	-	-	1,226,876	-	-	-	-	-	-	-
2	Laurel Lane Sidewalk Replacement (Main to Wallingford-south side)	103,000	GO	1	103,000	-	-	-	-	-	-	-	-	-	-	-	-
3	Morris Street Sidewalk (BR Elementary to Chestnut - east side)	180,000	GO	3	-	-	185,070	-	-	-	-	-	-	-	-	-	-
4	Chestnut Street Sidewalk (Morris to Main - south side)	432,780	GO	5	-	-	-	-	-	477,820	-	-	-	-	-	-	-
4	Carriage Trail Paving	40,000	GO	3	-	-	42,448	-	-	-	-	-	-	-	-	-	-
5	Bond Counsel and Issuance Costs	138,000	GO	1	138,000	-	-	-	-	10,114	-	-	-	-	-	-	-
	Sidewalks & Pedestrian Subtotal	2,093,780			241,000	-	227,518	-	1,714,810	-	-	-	-	-	-	-	-
	Roads and Sidewalks Total	8,539,658			3,098,761	70,000	2,259,614	-	3,750,000	-	-	-	-	-	-	-	-
	GENERAL CAPITAL PROJECT TOTAL	9,654,669			3,734,810	165,666	2,820,000	-	3,750,000	-	-	-	-	-	-	-	-
	Less Portion to be Funded with TDA Cash	150,000			150,000	-	-	-	-	-	-	-	-	-	-	-	-
	Less Portion to be Funded with Fire Department Contribution	15,000			15,000	-	-	-	-	-	-	-	-	-	-	-	-
	Less Portion to be Funded with Sales Tax Proceeds	371,981			136,315	165,666	70,000	-	-	-	-	-	-	-	-	-	-
	Less Portion to be Funded with Transportation GO Bond	8,968,375			3,028,761	-	2,189,614	-	3,750,000	-	-	-	-	-	-	-	-
	Less Portion to be Funded with Park GO Bond	965,120			404,734	-	560,386	-	-	-	-	-	-	-	-	-	-
	Equals Total Funding Identified	8,689,549			3,734,810	165,666	2,820,000	-	3,750,000	-	-	-	-	-	-	-	-

**Town of Blowing Rock
Capital Vehicle and Equipment List
For the Fiscal Year 2016 Budget and Ten Year Plan**

		1	2	3	4	5	6	7	8	9	10	11	Total of the 10 Year CIP with Inflation Impact
Description	FY 2015 Cost	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Streets													
2002 Tractor Kubota M-9000DTC VIN# 0.7124	40,000	40,000	-	-	-	-	-	-	-	46,866	-	-	86,866
2005 Mini-Excavator John Deere 35D Mini-Excavator VIN# 0.4569	63,000	63,000	-	-	-	-	-	-	-	73,815	-	-	136,815
1997 Heavy Truck Chevrolet Dump Truck VIN# 0.5935	25,000	25,000	-	-	-	-	-	-	-	-	29,877	-	54,877
Western Hydraulic salt spreader for Dodge 5500	9,000	9,000	-	-	-	-	-	-	-	-	10,756	-	19,756
Buffalo turbine blower for leaf and debris clearing	5,500	5,500	-	-	-	-	-	-	-	-	6,573	-	12,073
Mohawk 2 Post 12,000 pound lift for Public Works Facility	13,000	13,000	-	-	-	-	-	-	-	-	15,536	-	28,536
2006 Ext. Cab Truck Chevrolet Colorado 4X4 VIN# 0.5344	25,500	-	-	26,530	-	-	-	-	-	-	-	-	26,530
2008 Dump Truck Ford F550 w/ plow VIN# 0.2763	58,000	-	-	60,343	-	-	-	-	-	-	-	-	60,343
1988 Chipper Morbark Eager Beaver VIN# 0.3691	28,000	-	-	29,131	-	-	-	-	-	-	-	-	29,131
2009 Ext. Cab Truck Ford Ranger 4X4 VIN# 0.14388	23,000	-	-	-	24,408	-	-	-	-	-	-	-	24,408
2010 Tractor New Holland T4030 w/ Cab VIN# 0.7295	55,000	-	-	-	58,366	-	-	-	-	-	-	-	58,366
2011 Ext. Cab Truck Ford F150 4X4 VIN# 0.9705	26,000	-	-	-	-	28,143	-	-	-	-	-	-	28,143
2009 Sidewalk Tractor Kubota Tractor 3030HSDC VIN# NA	22,500	-	-	-	-	24,355	-	-	-	-	-	-	24,355
2012 Backhoe John Deere 310SJ VIN# 0.6309	85,000	-	-	-	-	-	93,847	-	-	-	-	-	93,847
2013 Medium Truck Chevrolet 3500HD Diesel 4X4 VIN# 0.5225	44,000	-	-	-	-	-	48,580	-	-	-	-	-	48,580
2013 Leaf Loader Old Dominion LCT600 VIN# 0.8221	25,000	-	-	-	-	-	-	28,154	-	-	-	-	28,154
2005 Chipper Morbark Brush Chipper VIN# Z161	33,000	-	-	-	-	-	-	-	37,907	-	-	-	37,907
1975 Trailer Hammon Trailer VIN# 0.1945	8,000	-	-	-	-	-	-	-	-	9,373	-	-	9,373
2001 Medium Truck Ford F550 VIN# 0.7684 (replaced FY2015; need update)	50,000	-	-	-	-	-	-	-	-	-	59,755	-	59,755
2003 Dump Truck Chevrolet Kodiak C-7500 VIN# 0.7879 (replaced FY2015; ne	55,000	-	-	-	-	-	-	-	-	-	-	67,045	67,045
2000 Chipper Truck GMC Truck VIN# 0.04 (Old Asplundh)	35,000	-	-	-	-	-	-	-	-	-	-	42,665	42,665
2005 Trailer UNK Abby Flatbed VIN# 0.6342	3,000	-	-	-	-	-	-	-	-	-	3,585	-	3,585
2003 Trailer UNK Triton GU8 VIN# 0.079	3,000	-	-	-	-	-	-	-	-	-	3,585	-	3,585
Streets Subtotal	579,000	155,500	-	116,005	82,774	52,498	142,426	28,154	37,907	130,054	129,668	109,709	984,695

**Town of Blowing Rock
Capital Vehicle and Equipment List
For the Fiscal Year 2016 Budget and Ten Year Plan**

		1	2	3	4	5	6	7	8	9	10	11	Total of the 10 Year CIP with Inflation Impact
Description	FY 2015 Cost	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Utility Capital Equipment													
<u>Utility Field Operations</u>													
2004 Utility Truck Ford F350 VIN# 0.4273	36,000	36,000	-	-	-	-	-	-	-	-	-	43,884	79,884
2007 Sewer Jet Vac Harben Trailer/Sewer Jet VIN# 0.2029	45,000	45,000	-	-	-	-	-	-	-	-	-	54,855	99,855
Valve Insertion Machine (allows valves to be installed in water lines under pressure - no service disruption)	60,000	60,000	-	-	-	-	-	-	-	-	-	73,140	133,140
2009 Utility Truck Ford F450 VIN# 0.1169	40,000	-	-	-	42,448	-	-	-	-	-	-	-	42,448
1995 Air Compressor Ingersoll Rand 185 VIN# NA	14,000	14,000	-	-	-	-	-	-	-	-	16,731	-	30,731
2012 Skid Steer Loader Bobcat S650 VIN# 0.6786	40,000	-	-	-	-	43,297	-	-	-	-	-	-	43,297
2013 Medium Truck Chevrolet 3500HD Diesel 4X4 VIN# 0.5096	44,000	-	-	-	-	-	48,580	-	-	-	-	-	48,580
Sewer Camera (replaces irreparable 2007 sewer camera)	75,000	-	-	-	-	-	-	84,462	-	-	-	-	84,462
2001 Sewer Jet/Trailer UNK 747-FR2000 VIN# 0.2073	40,000	-	-	-	-	-	-	-	45,947	-	-	-	45,947
1996 Backhoe Ford Tractor/Loader VIN# 0.8534 (replaced in FY2015-need update)	55,050	-	-	-	-	-	-	-	-	64,500	-	-	64,500
2004 Pick-up Truck Ford F150 VIN# 0.1752 (replaced FY2015; need update)	25,000	-	-	-	-	-	-	-	-	29,291	-	-	29,291
Utility Field Operations Subtotal	253,000	155,000	-	-	42,448	43,297	48,580	84,462	45,947	93,791	16,731	171,878	702,136
<u>Utility Plant Operations</u>													
1994 Light Truck Chevrolet S-10 VIN# 0.0555	30,000	30,000	-	-	-	-	-	-	-	-	35,853	-	65,853
2008 Ext. Cab Truck Ford Ranger 4X4 VIN# 0.1106	23,460	-	-	24,408	-	-	-	-	-	-	-	-	24,408
Utility Plant Operations Subtotal	53,460	30,000	-	24,408	-	-	-	-	-	-	35,853	-	90,261
Total Water / Sewer Capital Equipment	306,460	185,000	-	24,408	42,448	43,297	48,580	84,462	45,947	93,791	52,584	171,878	792,396
Average Cost Per Year of the Plan =	72,036												
Total General and Utility Capital Equipment	1,936,580	488,620	123,644	295,182	297,902	212,178	415,156	182,168	276,282	314,673	251,997	460,195	3,317,998