

CAPITAL IMPROVEMENT PLANS

- **Capital and Vehicle and Equipment Summary**
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- **General Capital Plan**
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**Town of Blowing Rock
Budget and Capital Improvement Plan Summary
In Whole Dollars**

Capital Projects	FY2016 Adopted	FY2017 Adopted	\$ Change	% Change	Bond Projects in FY 2016	% GO Funding in FY 2016
General						
Public Facilities	231,315	177,597	(53,718)	-23%	-	0%
Parks & Recreation	404,734	-	(404,734)	-100%	404,734	100%
Roads & Sidewalks	3,098,761	70,000	(3,028,761)	N/A	3,028,761	98%
Total General Capital	3,734,810	247,597	(3,487,213)	-93%	3,433,495	92%
Utility						
Water	566,667	55,000	(511,667)	-90%	471,250	83%
Sewer	685,417	20,000	(665,417)	-97%	665,000	97%
Total Utility	1,252,084	75,000	(1,177,084)	-94%	1,136,250	91%
Total Projects	4,986,894	322,597	(4,664,297)	-94%	4,569,745	92%

Vehicles / Equipment	FY2016 Adopted	FY2017 Adopted	\$ Change	% Change
General				
Police	77,520	83,457	5,937	8%
Planning and Inspections	-	-	-	N/A
Streets	155,500	147,720	(7,780)	-5%
Sanitation	6,600	-	(6,600)	-100%
Parks and Recreation	64,000	54,180	(9,820)	-15%
Total General Capital	303,620	285,357	(18,263)	-6%
Utility				
Field Operations	155,000	-	(155,000)	-100%
Plant Operations	30,000	-	(30,000)	N/A
Total Utility	185,000	-	(185,000)	-100%
Total Vehicles / Equipment	488,620	285,357	(203,263)	-41.6%

Grand Total	5,475,514	607,954	(4,867,560)	-89%
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Town of Blowing Rock
Water and Sewer Capital Project Budget and Plan
For the Fiscal Year 2017 Budget and Ten Year Plan
 In Whole Dollars

	Funding	1	2	3	4	5	6	7	8	9	10	11
Description		FY 2016 Actual	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	Sales Tax	20,417	20,000	-	-	-	-	-	-	-	-
WASTEWATER TREATMENT PLANT												
2	Small Capital Improvements	Sales Tax	20,417	20,000	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-
4	Sewer Portion	GO	244,067	-	-	-	-	-	-	-	-	-
5	Water Portion	GO	93,300	-	-	-	-	-	-	-	-	-
WATER DISTRIBUTION SYSTEM												
6	Valve and Hydrant Maintenance Program	Sales Tax	75,000	35,000	-	-	-	-	-	-	-	-
7	Maple Street Water Line	GO	-	-	-	-	106,250	-	-	-	-	-
8	Sunset Drive Water Line	GO	-	-	157,500	-	-	-	-	-	-	-
9	Sourwood	GO	-	-	300,000	-	-	-	-	-	-	-
10	Other Lines/Repairs	GO	41,700	-	-	-	-	-	-	-	-	-
11	Sourwood Galvanized	GO	-	-	121,250	-	-	-	-	-	-	-
12	Goforth	GO	-	-	-	-	468,750	-	-	-	-	-
13	West Green Hill	GO	-	-	-	-	268,750	-	-	-	-	-
14	Greenhill	GO	312,500	-	-	-	-	-	-	-	-	-
15	Goforth Galvanized	GO	-	-	-	-	106,250	-	-	-	-	-
16	Bond Counsel + Interest	GO	23,750	-	-	-	-	-	-	-	-	-
17	Water Distribution System Subtotal		452,950	35,000	578,750	-	950,000	-	-	-	-	-
SEWER COLLECTION SYSTEM												
18	Chestnut Drive Sewer Extension	GO	55,000	-	-	-	-	-	-	-	-	-
19	Other Lines/Repairs	GO	294,133	-	-	-	-	-	-	-	-	-
20	Sewer System Infiltration/Inflow Study	GO	60,000	-	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
21	Sunset Drive	GO	-	-	335,000	-	-	-	-	-	-	-
22	Bond Counsel and Interest	GO	11,800	-	-	-	-	-	-	-	-	-
23	Sewer Collection System Subtotal		420,933	-	385,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
Water and Sewer Fund Subtotal			1,252,084	75,000	963,750	50,000	1,000,000	50,000	50,000	50,000	50,000	50,000
Less Portion to be Funded by GO Sewer			665,000	-	385,000	50,000	50,000	-	-	-	-	-
Less Portion to be Funded by GO Water			471,250	-	578,750	-	950,000	-	-	-	-	-
Less Portion to be Funded with Sales Tax Proceeds			115,834	75,000	-	-	-	-	-	-	-	-
Equals Total Funding Identified			1,252,084	75,000	963,750	50,000	1,000,000	-	-	-	-	50,000

Town of Blowing Rock
General Capital Project Budget and Plan
For the Fiscal Year 2017 Budget and Ten Year Plan
 In Whole Dollars

ROADS AND SIDEWALKS			FY 2016 Actual	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	GO	473,565	-	-	-	-	-	-	-	-	-	-
2	Ditchline Repairs	GO	462,216	-	-	-	-	-	-	-	-	-	-
3	Culvert Replacements	GO	101,317	-	-	-	-	-	-	-	-	-	-
4	Greenway Court Drainage (Area Near Back of Homestead Inn)	GO	100,000	-	-	-	-	-	-	-	-	-	-
	Ditchlines, Road Repairs, and Culverts Subtotal		1,137,098	-	-	-	-	-	-	-	-	-	-
PAVING													
1	Repaving all Town Streets (goal to repave every 10 years)	GO	839,233	-	1,126,836	-	2,035,190	-	-	-	-	-	-
1	Main Street Phase 5 - East Side from Morris to US 221	GO	383,700	-	-	-	-	-	-	-	-	-	-
2	Main Street Phase 6 - West Side from US 221 to Memorial Park	GO	281,940	-	-	-	-	-	-	-	-	-	-
3	Sunset Drive - Main to US 321	GO	80,000	-	755,260	-	-	-	-	-	-	-	-
4	Main Street Underground Utilities Study	GO	42,840	-	-	-	-	-	-	-	-	-	-
5	Sunset Drive Underground Utilities Study	GO	22,950	-	-	-	-	-	-	-	-	-	-
	Streetscape Subtotal		811,430	-	755,260	-	-	-	-	-	-	-	-
VALLEY BLVD IMPROVEMENTS													
6	Valley Blvd Black Aluminum Fencing (to be paid in 3 annual installments after project completion)	Sales Tax	70,000	70,000	70,000	-	-	-	-	-	-	-	-
	Streetscape Subtotal		70,000	70,000	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	103,000	-	-	-	-	-	-	-	-	-	-
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	138,000	-	-	-	10,114	-	-	-	-	-	-
	Sidewalks & Pedestrian Subtotal		241,000	-	227,518	-	1,714,810	-	-	-	-	-	-
	Roads and Sidewalks Total		3,098,761	70,000	2,179,614	-	3,750,000	-	-	-	-	-	-
GENERAL CAPITAL PROJECT TOTAL			3,734,810	247,597	2,740,000	-	3,750,000	-	-	-	-	-	-
	Less Portion to be Funded with TDA Cash		-	21,931	-	-	-	-	-	-	-	-	-
	Less Portion to be Funded with Fire Department Contribution		15,000	-	-	-	-	-	-	-	-	-	-
	Less Portion to be Funded with Sales Tax Proceeds		136,315	225,666	70,000	-	-	-	-	-	-	-	-
	Less Portion to be Funded with Transportation GO Bond		3,028,761	-	2,109,614	-	3,750,000	-	-	-	-	-	-
	Less Portion to be Funded with Park GO Bond		404,734	-	560,386	-	-	-	-	-	-	-	-
	Equals Total Funding Identified		3,584,810	247,597	2,740,000	-	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.

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**Town of Blowing Rock
Capital Vehicle and Equipment List
For the Fiscal Year 2017 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 2016 Actual	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Streets												
1997 Heavy Truck Chevrolet Dump Truck VIN# 0.5935 (Repairs done in FY 2016)	9,125	-	-	-	62,781	-	-	-	-	-	-	71,906
2 10' HC Gas Salt Spreaders w/Honda Engine for Dodge 5500	25,810	-	-	-	-	-	29,066	-	-	-	-	54,876
Buffalo turbine blower for leaf and debris clearing	4,900	-	-	-	-	-	-	-	-	5,856	-	10,756
Mohawk 2 Post 12,000 pound lift for Public Works Facility	13,305	-	-	-	-	-	-	-	-	15,901	-	29,206
John Deere 50G Compact Excavator w/John Deere HH60 Hydraulic Hammer	66,650	-	-	-	-	-	-	-	-	79,653	-	146,303
Streetsweeper to Replace existing 30 year old model	-	60,000	-	-	-	-	-	-	-	-	73,140	133,140
2008 Dump Truck Ford F550 w/ plow VIN# 0.2763	-	59,160	-	-	-	-	-	-	-	-	70,702	129,862
New Knuckleboom Truck for Yard Debris Pickup	-	-	124,848	-	-	-	-	-	-	-	-	124,848
2006 Ext. Cab Truck Chevrolet Colorado 4X4 VIN# 0.5344	-	-	26,530	-	-	-	-	-	-	-	-	26,530
1988 Chipper Morbark Eager Beaver VIN# 0.3691	-	28,560	-	-	-	-	-	-	-	-	34,132	62,692
2010 Tractor New Holland T4030 w/ Cab VIN# 0.7295	-	-	-	58,366	-	-	-	-	-	-	-	58,366
2011 Ext. Cab Truck Ford F150 4X4 VIN# 0.9705	-	-	-	-	28,143	-	-	-	-	-	-	28,143
2009 Sidewalk Tractor Kubota Tractor 3030HSDC VIN# NA	-	-	-	-	24,355	-	-	-	-	-	-	24,355
2012 Backhoe John Deere 310SJ VIN# 0.6309	-	-	-	-	-	93,847	-	-	-	-	-	93,847
2013 Medium Truck Chevrolet 3500HD Diesel 4X4 VIN# 0.5225	-	-	-	-	-	48,580	-	-	-	-	-	48,580
2013 Leaf Loader Old Dominion LCT600 VIN# 0.8221	-	-	-	-	-	-	28,154	-	-	-	-	28,154
2005 Chipper Morbark Brush Chipper VIN# Z161	-	-	-	-	-	-	-	37,907	-	-	-	37,907
1975 Trailer Hammon Trailer VIN# 0.1945	-	-	-	-	-	-	-	-	9,373	-	-	9,373
2001 Medium Truck Ford F550 VIN# 0.7684 (replaced FY2015; need update)	-	-	-	-	-	-	-	-	-	59,755	-	59,755
2003 Dingo TX 420 Utility Loader VIN# 0.0345	-	-	-	-	-	-	-	17,230	-	-	-	17,230
2000 Chipper Truck GMC Truck VIN# 0.04 (Old Asplundh)	-	-	-	-	-	-	-	40,204	-	-	-	40,204
2005 Trailer UNK Abby Flatbed VIN# 0.6342	-	-	-	-	-	-	-	-	-	3,585	-	3,585
2003 Trailer UNK Triton GU8 VIN# 0.079	-	-	-	-	-	-	-	-	-	3,585	-	3,585
2015 Dodge 5500 4X4 Dump - PW04- VIN# 0.2087	-	-	-	-	-	-	-	-	64,202	-	-	64,202
2015 John Deere 5075E Tractor- E03- VIN# 0.5726	34,120	-	-	-	-	-	-	-	-	40,777	-	74,897
Streets Subtotal	153,910	147,720	151,378	58,366	115,279	142,426	57,220	95,341	73,576	209,111	177,973	1,382,301

Town of Blowing Rock
Capital Vehicle and Equipment List
For the Fiscal Year 2017 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 2016 Actual	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Utility Capital Equipment												
Utility Field Operations												
2007 Sewer Jet Vac Harben Trailer/Sewer Jet VIN# 0.2029	-	-	-	-	48,709	-	-	-	-	-	54,855	103,564
Valve Insertion Machine (allows valves to be installed in water lines under pressure - no service disruption)	60,000	-	-	-	-	-	-	-	-	-	-	60,000
2009 Utility Truck Ford F450 VIN# 0.1169	-	-	-	42,448	-	-	-	-	-	-	-	42,448
1995 Air Compressor Ingersoll Rand 185 VIN# NA	-	-	-	-	15,154	-	-	-	-	-	-	15,154
2012 Skid Steer Loader Bobcat S650 VIN# 0.6786	-	-	-	-	43,297	-	-	-	-	-	-	43,297
2013 Medium Truck Chevrolet 3500HD Diesel 4X4 VIN# 0.5096	-	-	-	-	-	34,944	-	-	-	-	-	34,944
Sewer Camera (replaces irreparable 2007 sewer camera)	-	-	-	-	-	-	79,214	-	-	-	-	79,214
2015 Mongoose Sewer Jetter- VIN# 0.1800	46,662	-	-	-	-	-	-	-	-	55,765	-	102,427
2015 John Deere 310SK Backhoe- E02- VIN# 0.9920	-	-	-	-	-	-	-	90,001	-	-	-	90,001
2015 Chevrolet 2500HD Utility Truck- PW07- VIN# 0.4324	35,500	-	-	-	-	-	-	-	-	42,426	-	77,926
2015 Chevrolet 2500 HD Utility Truck- PW06- VIN# 0.4447	35,500	-	-	-	-	-	-	-	-	-	43,274	78,774
Utility Field Operations Subtotal	177,662	-	-	42,448	107,161	34,944	79,214	90,001	-	98,191	98,129	727,750
Utility Plant Operations												
John Deere Z930 54' MOD Riding Mower	8,466	-	-	-	-	-	-	-	-	-	10,320	18,785
2009 Ext. Cab Truck Ford Ranger 4X4 VIN# 0.14388	-	-	-	24,408	-	-	-	-	-	-	-	24,408
2008 Ext. Cab Truck Ford Ranger 4X4 VIN# 0.1106	-	-	24,408	-	-	-	-	-	-	-	-	24,408
Utility Plant Operations Subtotal	8,466	-	24,408	24,408	-	-	-	-	-	-	10,320	67,601
Total Water / Sewer Capital Equipment	186,127	-	24,408	66,856	107,161	34,944	79,214	90,001	-	98,191	108,449	795,351
Average Cost Per Year of the Plan =												
Total General and Utility Capital Equipment	482,896	285,357	254,262	304,203	442,668	309,261	371,692	273,232	322,601	386,057	546,681	3,978,910