

Sunset Drive Streetscape Project

Town of Blowing Rock

Bids Received on January 17, 2019

Low Bidder Negotiations with Iron Mountain Construction Company

Bid Submitted by Funding Area:

Road, Sidewalks, etc.	\$1,720,011.00
Water (Base Bid)	\$298,560.00
Sewer (Base Bid)	\$347,600.00
Water (Alt. Ransom to Valley)	\$81,170.00
Sewer (Alt. Ransom to creek)	\$97,020.00

Potential Cost Saving Items:

Item No.	Description	Savings	McGill Recommendation
1	The subcontractor for concrete and paver items has offered to lower unit prices on concrete flatwork, pavers and curbing	(\$53,229)	✓
2	Install segmental block retaining wall in lieu of poured in place concrete at Middle Fork	(\$88,800)	✓
3	Allow the Contractor to close the road to through traffic during active construction (typical work day 8:00 am to 5:00 pm) in blocks (Valley to Ransom, Ransom to Maple, and Maple to Main)	(\$45,000)	✓
4	Delete new water line crossing Main Street – replace line up to the cross walk at Sunset and main. Costs represent \$3,150 for water line and \$26,454 from road costs for paving and repairs to Main Street (milling, patching and overlay of the entire intersection)	(\$29,604)	✓
5	Removal of 2' cobble paver band between curb and sidewalk, and adding concrete to achieve 5-foot wide sidewalks. 2' strip would be grass.	(\$86,630)	

6	Reduce amount of pavers at the intersection of Ransom and Sunset to only include tactile crosswalk pavers and a narrow strip behind the curb	(\$13,966)	
7	Town staff removal of trees and stumps along the project – includes 29 trees of varying sizes. Savings reflects removal of bid item by the contractor and not the additional costs of Town staff, equipment, and materials	(\$38,280)	

Additional Work Item:

The Town has requested installing a parallel sewer line along Ransom St, south of Sunset to address sewer overflows near the First Baptist Church. This will require the addition of 2 sewer manholes and 170 LF of 12-inch gravity sewer with pavement repair. With contract unit prices, the estimated costs for this item is \$43,360.

Upon consideration of the items above, McGill recommends choosing cost saving items 1, 2, 3, and 4. We also recommend that the Town accept the alternate items for water and sewer, along with the additional sewer work item (reference attached bid tabulation). This would bring the construction total per funding area to the following amounts:

Roads, Sidewalks, etc.

Bid	\$1,720,011
Deletions	<u>(\$213,483)</u>
Revised Total	\$1,506,528

Water

Base Bid	\$298,560
Alternate	\$81,170
Deletion	<u>(\$3,150)</u>
Revised Total	\$376,580

Sewer

Base Bid	\$347,600
Alternate	\$97,020
Additional Item	<u>\$43,360</u>
Revised Total	\$487,980



**TOWN OF BLOWING ROCK  
SUNSET DRIVE STREETScape IMPROVEMENTS, BLOWING ROCK, NC**

NO.	DESCRIPTION	Iron Mountain			King General			M&M	
		QTY.	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
<b>CONSTRUCTION ITEMS</b>									
1	Mobilization (maximum 3%)	1	LS	\$ 70,000.00	\$ 70,000.00	\$ 74,203.00	\$ 74,203.00	\$ 80,000.00	\$ 80,000.00
2	Construction Surveying	1	LS	\$ 48,000.00	\$ 48,000.00	\$ 15,000.00	\$ 15,000.00	\$ 25,000.00	\$ 25,000.00
3	Traffic Control	1	LS	\$ 57,600.00	\$ 57,600.00	\$ 13,950.00	\$ 13,950.00	\$ 52,000.00	\$ 52,000.00
4	Miscellaneous Items Not Listed but Required to Construct the Project	1	LS	\$ 52,000.00	\$ 52,000.00	\$ 38,950.00	\$ 38,950.00	\$ 425,000.00	\$ 425,000.00
<b>DEMOLITION</b>									
5	Removal of Asphalt, Concrete, Gravel, and Curbing	5380	SY	\$ 24.00	\$ 129,120.00	\$ 12.25	\$ 65,905.00	\$ 18.00	\$ 96,840.00
6	2" Asphalt Mill - NCDOT Main Street	285	SY	\$ 38.40	\$ 10,944.00	\$ 23.00	\$ 6,555.00	\$ 40.00	\$ 11,400.00
7	Variable Asphalt Mill	4000	SY	\$ 14.40	\$ 57,600.00	\$ 15.00	\$ 60,000.00	\$ 12.50	\$ 50,000.00
8	Removal of Existing Signs and Signal Post	12	EA	\$ 300.00	\$ 3,600.00	\$ 295.00	\$ 3,540.00	\$ 500.00	\$ 6,000.00
9	Removal of Existing Trees	29	EA	\$ 1,320.00	\$ 38,280.00	\$ 350.00	\$ 10,150.00	\$ 700.00	\$ 20,300.00
10	Removal of Existing Utility Poles	1	EA	\$ 1,200.00	\$ 1,200.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00
11	Removal of Existing Storm Drain Pipe	1	LS	\$ 3,600.00	\$ 3,600.00	\$ 1,500.00	\$ 1,500.00	\$ 20,000.00	\$ 20,000.00
12	Removal of Existing Stormwater Structures	7	EA	\$ 1,800.00	\$ 12,600.00	\$ 1,200.00	\$ 8,400.00	\$ 3,500.00	\$ 24,500.00
<b>GENERAL CONSTRUCTION</b>									
13	Grading	1	LS	\$ 84,000.00	\$ 84,000.00	\$ 85,000.00	\$ 85,000.00	\$ 135,000.00	\$ 135,000.00
14	Storm Drain Trench Repair - Sunset Drive	54	SY	\$ 108.00	\$ 5,832.00	\$ 195.00	\$ 10,530.00	\$ 264.00	\$ 14,256.00
15	Utility Trench Repair - NCDOT Main Street	42	LF	\$ 100.00	\$ 4,200.00	\$ 102.00	\$ 4,284.00	\$ 264.00	\$ 11,088.00
16	Driveway Repair - Gravel	55	SY	\$ 24.00	\$ 1,320.00	\$ 25.00	\$ 1,375.00	\$ 32.00	\$ 1,760.00
17	Driveway Repair - Asphalt Pavement	300	SY	\$ 84.00	\$ 25,200.00	\$ 40.00	\$ 12,000.00	\$ 87.50	\$ 26,250.00
18	Asphalt Pavement - Full Depth	1900	SY	\$ 85.00	\$ 161,500.00	\$ 51.00	\$ 96,900.00	\$ 87.50	\$ 166,250.00
19	Asphalt Overlay, Variable Depth - Sunset Drive	3850	SY	\$ 30.00	\$ 115,500.00	\$ 21.00	\$ 80,850.00	\$ 32.00	\$ 123,200.00
20	2" Asphalt Overlay - NCDOT Main Street	285	SY	\$ 36.00	\$ 10,260.00	\$ 21.00	\$ 5,985.00	\$ 32.00	\$ 9,120.00
21	6" Concrete Drive Apron	635	SY	\$ 129.00	\$ 81,915.00	\$ 85.65	\$ 54,387.75	\$ 95.00	\$ 60,325.00
22	4" Concrete Sidewalk	1690	SY	\$ 108.00	\$ 182,520.00	\$ 53.95	\$ 91,175.50	\$ 57.00	\$ 96,330.00
23	Pavers - Light Duty on 4" Concrete Base	435	SY	\$ 315.00	\$ 137,025.00	\$ 165.00	\$ 71,775.00	\$ 156.00	\$ 67,860.00
24	Pavers - Heavy Duty on 6" Concrete Base	47	SY	\$ 337.00	\$ 15,839.00	\$ 265.00	\$ 12,455.00	\$ 200.00	\$ 9,400.00
25	6" Concrete Edge Restraint	215	LF	\$ 10.00	\$ 2,150.00	\$ 37.50	\$ 8,062.50	\$ 20.00	\$ 4,300.00
26	2'-6" Concrete Curb and Gutter	2769	LF	\$ 22.00	\$ 60,918.00	\$ 32.95	\$ 91,238.55	\$ 32.00	\$ 88,608.00
27	Mountable Curb and Gutter	98	LF	\$ 22.00	\$ 2,156.00	\$ 38.99	\$ 3,821.02	\$ 35.00	\$ 3,430.00
28	Valley Curb	77	LF	\$ 18.00	\$ 1,386.00	\$ 95.00	\$ 7,315.00	\$ 28.00	\$ 2,156.00
29	Thermoplastic 4" 120 -mils White NCDOT Main Street	350	LF	\$ 3.00	\$ 1,050.00	\$ 5.95	\$ 2,082.50	\$ 2.60	\$ 910.00
30	Paint Markings 8" White Reflective - Sunset Drive	280	LF	\$ 2.00	\$ 560.00	\$ 12.00	\$ 3,360.00	\$ 1.60	\$ 448.00
31	Paint Markings 4" White Parking Stripes - Sunset Drive	1539	LF	\$ 1.00	\$ 1,539.00	\$ 6.95	\$ 10,696.05	\$ 0.75	\$ 1,154.25
32	Paint Markings 4" Yellow Reflective - Sunset Drive	2162	LF	\$ 1.00	\$ 2,162.00	\$ 7.95	\$ 17,187.90	\$ 0.80	\$ 1,729.60



**TOWN OF BLOWING ROCK  
SUNSET DRIVE STREETScape IMPROVEMENTS, BLOWING ROCK, NC**

NO.	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
33	Paint Markings 24" White Reflective - Sunset Drive	58	LF	\$ 10.00	\$ 580.00	\$ 55.00	\$ 3,190.00	\$ 4.03	\$ 233.74
34	Detectable Warning Pavers (Light Duty)	148	SF	\$ 38.00	\$ 5,624.00	\$ 60.00	\$ 8,880.00	\$ 32.00	\$ 4,736.00
35	Detectable Warning Pavers (Heavy Duty)	123	SF	\$ 41.00	\$ 5,043.00	\$ 65.00	\$ 7,995.00	\$ 44.00	\$ 5,412.00
36	Sign Installation	11	EA	\$ 1,500.00	\$ 16,500.00	\$ 575.00	\$ 6,325.00	\$ 500.00	\$ 5,500.00
37	Retaining Wall	1	LS	\$ 148,800.00	\$ 148,800.00	\$ 62,950.00	\$ 62,950.00	\$ 131,000.00	\$ 131,000.00
38	Safety Rail	106	LF	\$ 40.00	\$ 4,240.00	\$ 220.00	\$ 23,320.00	\$ 315.00	\$ 33,390.00
<b>STORM DRAINAGE</b>									
39	Drop Inlet	4	EA	\$ 3,000.00	\$ 12,000.00	\$ 4,500.00	\$ 18,000.00	\$ 3,500.00	\$ 14,000.00
40	Catch Basin	12	EA	\$ 3,000.00	\$ 36,000.00	\$ 4,195.00	\$ 50,340.00	\$ 4,200.00	\$ 50,400.00
41	Convert Existing Structure To Manhole	1	EA	\$ 2,500.00	\$ 2,500.00	\$ 1,250.00	\$ 1,250.00	\$ 3,500.00	\$ 3,500.00
42	Convert Existing Drop Inlet To Curb Inlet	4	EA	\$ 2,800.00	\$ 11,200.00	\$ 1,399.00	\$ 5,596.00	\$ 800.00	\$ 3,200.00
43	Replace Drop Inlet Frame and Grate	4	EA	\$ 1,542.00	\$ 6,168.00	\$ 995.00	\$ 3,980.00	\$ 650.00	\$ 2,600.00
44	Stormwater Manhole	4	EA	\$ 7,000.00	\$ 28,000.00	\$ 5,699.00	\$ 22,796.00	\$ 4,650.00	\$ 18,600.00
45	Stone Inlet Protection	23	EA	\$ 180.00	\$ 4,140.00	\$ 395.00	\$ 9,085.00	\$ 475.00	\$ 10,925.00
46	8" Straw Wattle Inlet Protection	6	EA	\$ 200.00	\$ 1,200.00	\$ 475.00	\$ 2,850.00	\$ 40.00	\$ 240.00
47	8" Straw Wattle	80	LF	\$ 18.00	\$ 1,440.00	\$ 15.45	\$ 1,236.00	\$ 4.00	\$ 320.00
48	Silt Sak	3	EA	\$ 600.00	\$ 1,800.00	\$ 450.00	\$ 1,350.00	\$ 150.00	\$ 450.00
49	Silt Fence	384	LF	\$ 3.00	\$ 1,152.00	\$ 8.00	\$ 3,072.00	\$ 6.00	\$ 2,304.00
50	Silt Fence Outlet	3	EA	\$ 200.00	\$ 600.00	\$ 750.00	\$ 2,250.00	\$ 500.00	\$ 1,500.00
51	12-Inch Dual Wall HDPE Stormwater Pipe	6	LF	\$ 128.00	\$ 768.00	\$ 345.00	\$ 2,070.00	\$ 350.00	\$ 2,100.00
52	15-Inch Dual Wall HDPE Stormwater Pipe	6	LF	\$ 131.00	\$ 786.00	\$ 365.00	\$ 2,190.00	\$ 375.00	\$ 2,250.00
53	18-Inch Dual Wall HDPE Stormwater Pipe	8	LF	\$ 133.00	\$ 1,064.00	\$ 395.00	\$ 3,160.00	\$ 400.00	\$ 3,200.00
54	15-Inch RCP, Class IV	90	LF	\$ 155.00	\$ 13,950.00	\$ 205.00	\$ 18,450.00	\$ 28.00	\$ 2,520.00
55	18-Inch RCP, Class IV	42	LF	\$ 165.00	\$ 6,930.00	\$ 265.95	\$ 11,169.90	\$ 47.00	\$ 1,974.00
<b>LANDSCAPE</b>									
56	Ruby Vase Persian Ironwood	11	EA	\$ 1,500.00	\$ 16,500.00	\$ 395.00	\$ 4,345.00	\$ 455.00	\$ 5,005.00
57	Canadian Serviceberry	4	EA	\$ 2,000.00	\$ 8,000.00	\$ 215.00	\$ 860.00	\$ 455.00	\$ 1,820.00
58	Liriope	23	EA	\$ 150.00	\$ 3,450.00	\$ 25.95	\$ 596.85	\$ 115.00	\$ 2,645.00
<b>WATER AND SEWER</b>									
59	Abandon Existing Water Lines	6	EA	\$ 2,400.00	\$ 14,400.00	\$ 1,500.00	\$ 9,000.00	\$ 1,500.00	\$ 9,000.00
60	Disconnect Existing Water Lines	2	EA	\$ 2,000.00	\$ 4,000.00	\$ 1,500.00	\$ 3,000.00	\$ 1,500.00	\$ 3,000.00
61	Removal of Existing Fire Hydrants	2	EA	\$ 1,000.00	\$ 2,000.00	\$ 1,500.00	\$ 3,000.00	\$ 1,250.00	\$ 2,500.00
62	6" Restrained Joint DIP Water Line	60	LF	\$ 80.00	\$ 4,800.00	\$ 345.00	\$ 20,700.00	\$ 250.00	\$ 15,000.00
63	6" DIP Water Line	510	LF	\$ 75.00	\$ 38,250.00	\$ 209.00	\$ 106,590.00	\$ 215.00	\$ 109,650.00
64	6" DIP Water Line (including Asphalt Pavement Repair)	870	LF	\$ 75.00	\$ 65,250.00	\$ 455.00	\$ 395,850.00	\$ 215.00	\$ 187,050.00
65	8" DIP Water Line (including Asphalt Pavement Repair)	60	LF	\$ 140.00	\$ 8,400.00	\$ 480.00	\$ 28,800.00	\$ 205.00	\$ 12,300.00
66	6" Gate Valve and Box	8	EA	\$ 1,100.00	\$ 8,800.00	\$ 1,325.00	\$ 10,600.00	\$ 1,250.00	\$ 10,000.00
67	8" Gate Valve and Box	3	EA	\$ 1,700.00	\$ 5,100.00	\$ 1,985.00	\$ 5,955.00	\$ 2,100.00	\$ 6,300.00



**TOWN OF BLOWING ROCK  
SUNSET DRIVE STREETScape IMPROVEMENTS, BLOWING ROCK, NC**

NO.	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
68	Fire Hydrant Assemblies	3	EA	\$ 6,155.00	\$ 18,465.00	\$ 4,195.00	\$ 12,585.00	\$ 5,750.00	\$ 17,250.00	\$ 5,750.00	\$ 17,250.00
69	Connect to Existing 4" Water Lines	1	EA	\$ 5,400.00	\$ 5,400.00	\$ 2,695.00	\$ 2,695.00	\$ 3,750.00	\$ 3,750.00	\$ 3,750.00	\$ 3,750.00
70	Connect to Existing 6" Water Lines	1	EA	\$ 5,550.00	\$ 5,550.00	\$ 3,100.00	\$ 3,100.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00
71	Connect to Existing 8" Water Lines	2	EA	\$ 6,080.00	\$ 12,160.00	\$ 3,895.00	\$ 7,790.00	\$ 4,250.00	\$ 8,500.00	\$ 4,250.00	\$ 8,500.00
72	8x8x6 Tapping Sleeve and Valve	1	EA	\$ 5,800.00	\$ 5,800.00	\$ 5,800.00	\$ 5,800.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
73	Water Service Transfer / Long Side	13	EA	\$ 3,120.00	\$ 40,560.00	\$ 1,900.00	\$ 24,700.00	\$ 1,500.00	\$ 19,500.00	\$ 1,500.00	\$ 19,500.00
74	Water Service Transfer / Short Side	15	EA	\$ 3,120.00	\$ 46,800.00	\$ 1,865.00	\$ 27,975.00	\$ 1,250.00	\$ 18,750.00	\$ 1,250.00	\$ 18,750.00
75	Compact Ductile Iron Fittings	1710	LB	\$ 7.50	\$ 12,825.00	\$ 9.55	\$ 16,330.50	\$ 12.00	\$ 20,520.00	\$ 12.00	\$ 20,520.00
76	Abandon Existing Sewer Lines	1	EA	\$ 2,520.00	\$ 2,520.00	\$ 1,500.00	\$ 1,500.00	\$ 1,250.00	\$ 1,250.00	\$ 1,250.00	\$ 1,250.00
77	Abandon Existing Sanitary Sewer Manholes	1	EA	\$ 2,520.00	\$ 2,520.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00
78	Removal of Existing Sanitary Sewer Manholes	4	EA	\$ 2,500.00	\$ 10,000.00	\$ 1,500.00	\$ 6,000.00	\$ 4,500.00	\$ 18,000.00	\$ 4,500.00	\$ 18,000.00
79	8" DIP Gravity Sewers	350	LF	\$ 152.00	\$ 53,200.00	\$ 389.00	\$ 136,150.00	\$ 215.00	\$ 75,250.00	\$ 215.00	\$ 75,250.00
80	8" DIP Gravity Sewers (including Asphalt Pavement Repair)	840	LF	\$ 152.00	\$ 127,680.00	\$ 395.00	\$ 331,800.00	\$ 215.00	\$ 180,600.00	\$ 215.00	\$ 180,600.00
81	4' DIA. Precast Concrete Sanitary Sewer Manholes	4	EA	\$ 5,160.00	\$ 20,640.00	\$ 3,500.00	\$ 14,000.00	\$ 2,750.00	\$ 11,000.00	\$ 2,750.00	\$ 11,000.00
82	6' DIA. Doghouse Sanitary Sewer Manholes	1	EA	\$ 11,400.00	\$ 11,400.00	\$ 5,600.00	\$ 5,600.00	\$ 4,550.00	\$ 4,550.00	\$ 4,550.00	\$ 4,550.00
83	Connect to Existing Sewer Lines	3	EA	\$ 4,680.00	\$ 14,040.00	\$ 2,500.00	\$ 7,500.00	\$ 900.00	\$ 2,700.00	\$ 900.00	\$ 2,700.00
84	Sewer Service Transfer / Long Side	13	EA	\$ 3,600.00	\$ 46,800.00	\$ 1,500.00	\$ 19,500.00	\$ 3,500.00	\$ 45,500.00	\$ 3,500.00	\$ 45,500.00
85	Sewer Service Transfer / Short Side	15	EA	\$ 3,600.00	\$ 54,000.00	\$ 800.00	\$ 12,000.00	\$ 3,000.00	\$ 45,000.00	\$ 3,000.00	\$ 45,000.00
86	Camera Existing Gravity Sewer Lines	1	LS	\$ 4,800.00	\$ 4,800.00	\$ 5,500.00	\$ 5,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00
<b>BASE BID TOTAL COST</b>					<b>\$ 2,366,171.00</b>		<b>\$ 2,473,461.02</b>		<b>\$ 2,787,359.59</b>		<b>\$ 2,787,359.59</b>
<b>ALTERNATE NO. 1</b>											
Iron Mountain King General M&M											
NO.	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
87	Stamped Concrete Crosswalk	1	LS	\$ 12,500.00	\$ 12,500.00	\$ 35,000.00	\$ 35,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00
<b>ALTERNATE NO. 2 (WATER)</b>					<b>\$ 12,500.00</b>		<b>\$ 35,000.00</b>		<b>\$ 20,000.00</b>		<b>\$ 20,000.00</b>
Iron Mountain King General M&M											
NO.	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
88	Mobilization (maximum 3%)	LS	1	\$ 2,400.00	\$ 2,400.00	\$ 9,860.45	\$ 9,860.45	\$ 5,250.00	\$ 5,250.00	\$ 5,250.00	\$ 5,250.00
89	6" DIP Water Line (Including Stone Surface)	530	LF	\$ 75.00	\$ 39,750.00	\$ 435.00	\$ 230,550.00	\$ 215.00	\$ 113,950.00	\$ 215.00	\$ 113,950.00
90	6" DIP Water Line	140	LF	\$ 75.00	\$ 10,500.00	\$ 212.00	\$ 29,680.00	\$ 215.00	\$ 30,100.00	\$ 215.00	\$ 30,100.00
91	6" Restrained Joint DIP Water Line (Including Asphalt Pavement Repair)	20	LF	\$ 80.00	\$ 1,600.00	\$ 475.00	\$ 9,500.00	\$ 250.00	\$ 5,000.00	\$ 250.00	\$ 5,000.00
92	6" Restrained Joint DIP Water Line	80	LF	\$ 68.00	\$ 5,440.00	\$ 345.00	\$ 27,600.00	\$ 82.50	\$ 6,600.00	\$ 82.50	\$ 6,600.00
93	6" Gate Valve and Box	2	EA	\$ 1,100.00	\$ 2,200.00	\$ 1,500.00	\$ 3,000.00	\$ 1,250.00	\$ 2,500.00	\$ 1,250.00	\$ 2,500.00
94	Fire Hydrant Assemblies	1	EA	\$ 6,155.00	\$ 6,155.00	\$ 4,195.00	\$ 4,195.00	\$ 5,750.00	\$ 5,750.00	\$ 5,750.00	\$ 5,750.00
95	12x12x6 Tapping Sleeve and Valve	1	EA	\$ 9,300.00	\$ 9,300.00	\$ 8,500.00	\$ 8,500.00	\$ 5,600.00	\$ 5,600.00	\$ 5,600.00	\$ 5,600.00
96	Compact Ductile Iron Fittings	430	LB	\$ 7.50	\$ 3,225.00	\$ 10	\$ 4,106.50	\$ 12	\$ 5,160.00	\$ 12	\$ 5,160.00

**TOWN OF BLOWING ROCK  
SUNSET DRIVE STREETSCAPE IMPROVEMENTS, BLOWING ROCK, NC**

NO.	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
97	Silt Fence	200	LF	\$ 3.00	\$ 600.00	8	\$ 1,690.00	6	\$ 1,200.00		
<b>ALTERNATE 2 TOTAL COST</b>					<b>\$ 81,170.00</b>		<b>\$ 328,681.95</b>		<b>\$ 181,110.00</b>		
<b>ALTERNATE NO. 3 (SEWER)</b>											
<b>Iron Mountain</b>						<b>King General</b>					
NO.	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
98	Mobilization (maximum 3%)	LS	1	\$ 2,800.00	\$ 2,800.00	\$ 6,178.14	\$ 6,178.14	\$ 2,844.00	\$ 2,844.00		
99	12" DIP Gravity Sewers (including Asphalt Pavement Repair)	240	LF	\$ 200.00	\$ 48,000.00	\$ 599.00	\$ 143,760.00	\$ 250.00	\$ 60,000.00		
100	12" DIP Gravity Sewers (including Stone Surface)	50	LF	\$ 200.00	\$ 10,000.00	\$ 397.65	\$ 19,882.50	\$ 250.00	\$ 12,500.00		
101	12" DIP Gravity Sewers	50	LF	\$ 200.00	\$ 10,000.00	\$ 365.45	\$ 18,272.50	\$ 250.00	\$ 12,500.00		
102	4' DIA. Precast Concrete Sanitary Sewer Manholes	2	EA	\$ 5,160.00	\$ 10,320.00	\$ 3,500.00	\$ 7,000.00	\$ 2,750.00	\$ 5,500.00		
103	6' DIA. Doghouse Sanitary Sewer Manholes	1	EA	\$ 11,400.00	\$ 11,400.00	\$ 6,500.00	\$ 6,500.00	\$ 4,550.00	\$ 4,550.00		
104	Connect to Existing Sewer Lines	1	EA	\$ 4,200.00	\$ 4,200.00	\$ 3,500.00	\$ 3,500.00	\$ 2,750.00	\$ 2,750.00		
105	Silt Fence	100	LF	\$ 3.00	\$ 300.00	\$ 8.45	\$ 845.00	\$ 6.00	\$ 600.00		
<b>ALTERNATE 3 TOTAL COST</b>					<b>\$ 97,020.00</b>		<b>\$ 205,938.14</b>		<b>\$ 101,244.00</b>		

**Apparent mathematical error not effecting the outcome of the bids.**



1240 19th Street Lane NW  
Hickory, North Carolina 28603  
License No. C-0459  
Doug Chapman, PE





# Town of Blowing Rock

1036 Main Street ★ Post Office Box 47 ★ Blowing Rock, NC 28605

To: Mr. Jim Freeman, Mayor Sellers, and Members of Town Council  
From: Nicole Norman, Finance Officer  
Subject: Budget Amendment Ordinance to Account for Various Items  
(Ordinance #2019-03)  
Date: February 12, 2019

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Enclosed please find a Budget Amendment Ordinance for the fiscal year 2018-2019 for your consideration.

**Section 1 (General Capital Fund)** is to allocate funds for the Sunset Drive Streetscape project from Current and planned bond funding. This section covers the Roads, Streetscape & Pedestrian portion of the project.

**Section 2 (Water/Sewer Capital Fund)** is to allocate funds for the Sunset Drive Streetscape project from Current and planned bond funding. This section covers the Water & Sewer portions of the project.

\*\*Funding Notes: This amendment includes all alternates and additions and does not include any deducts or savings. If and deducts are made or additions omitted, there will need to be changes made to this amendment to reflect such.

The issuance of funding associated with the third phase of bonds originally planned for April of this year, has been recommended by our Financial Advisor and Bond Council, to be pushed out to June 2019 in order to spenddown current funds on hand. As a result, we would need to utilize Water/Sewer Fund Balance to cover the Water portion of the streetscape project and then reimburse ourselves with bond funds to be borrowed in June.

Please let me know if you need further details on the proposed amendment.

FY 2018-19  
Budget Amendment Ordinance 2019-03

Be it ordained by the Town Council of the Town of Blowing Rock, North Carolina, that the following amendment be made to the annual budget ordinance for the fiscal year ending June 30, 2019.

Section 1. To Ammend the General Capital Fund, the appropriations are to be changed as follows:

Accnt. No.	Description	Current Appropriation	Decrease	Increase	Proposed Appropriation
20-20-5000-417	GO Sunset Dr. Streetscape- Issue 1	\$ 80,000	\$ 37,625	\$ -	\$ 42,375
20-20-5001-418	GO Sunset Dr. Streetscape- Issue 2	\$ 50,000	\$ 19,765	\$ -	\$ 30,235
20-20-5002-417	GO Sunset Dr. Streetscape- Issue 3 Construction	\$ -	\$ -	\$ 1,732,511	\$ 1,732,511
20-20-5002-418	GO Sunset Dr. Streetscape- Issue 3 Contingency	\$ -	\$ -	\$ 86,626	\$ 86,626
20-20-5002-419	GO Sunset Dr. Streetscape- Issue 3 Engineering/Testing	\$ -	\$ -	\$ 55,000	\$ 55,000
20-20-5001-400	GO Road Failure Repairs- Issue 2	\$ 40,000	\$ 40,000	\$ -	\$ -
20-20-5001-402	GO Ditchline Repairs- Issue 2	\$ 40,000	\$ 40,000	\$ -	\$ -
20-20-5001-420	GO Carriage Trail- Issue 2	\$ 42,448	\$ 10,139	\$ -	\$ 32,309
20-20-5001-419	GO Future Sidewalks- Issue 2	\$ 50,000	\$ 46,438	\$ -	\$ 3,562
20-20-5001-405	GO Paving-Issue 2	\$ 1,406,011	\$ 64,549	\$ -	\$ 1,341,462
	Totals:	\$ 1,708,459	\$ 258,516	\$ 1,874,137	\$ 3,324,080

This will result in a net increase of \$1,615,621 in the appropriations of the General Capital Fund. As a result, the following revenues will be increased.

Accnt. No.	Description	Current Appropriation	Decrease	Increase	Proposed Appropriation
20-20-3400-002	Transportation GO Bond Authority- Issue 3	\$ -	\$ -	\$ 1,615,621	\$ 1,615,621
	Totals:	\$ -	\$ -	\$ 1,615,621	\$ 1,615,621

Section 2. To Ammend the Water/Sewer Capital Fund, the appropriations are to be changed as follows:

Accnt. No.	Description	Current Appropriation	Decrease	Increase	Proposed Appropriation
50-91-5000-403	GO Sunset Dr Water- Issue 1	\$ 15,000	\$ 15,000	\$ -	\$ -
50-91-5002-417	GO Sunset Dr. Streetscape-Water- Issue 3 Construction	\$ -	\$ -	\$ 379,670	\$ 379,670
50-91-5002-418	GO Sunset Dr. Streetscape- Water- Issue 3 Contingency	\$ -	\$ -	\$ 18,984	\$ 18,984
50-91-5002-419	GO Sunset Dr. Streetscape- Water- Issue 3 Engineering/Testing	\$ -	\$ -	\$ 23,000	\$ 23,000
50-91-5000-404	GO Other Lines/Repairs Water- Issue 1	\$ 69,560	\$ 29,360	\$ -	\$ 40,200
50-91-5000-454	GO Sunset Dr Sewer- Issue 1	\$ 35,000	\$ 35,000	\$ -	\$ -
50-91-5002-457	GO Sunset Dr. Streetscape-Sewer- Issue 3 Construction	\$ -	\$ -	\$ 487,980	\$ 487,980
50-91-5002-458	GO Sunset Dr. Streetscape- Sewer- Issue 3 Contingency	\$ -	\$ -	\$ 24,399	\$ 24,399
50-91-5002-459	GO Sunset Dr. Streetscape- Sewer- Issue 3 Engineering/Testing	\$ -	\$ -	\$ 28,000	\$ 28,000
50-91-5000-450	GO Bond Issuance Cost (Sewer)	\$ 12,218	\$ 2,750	\$ -	\$ 9,468
50-91-5000-452	GO Bond Sewer System Inflow & Infiltration Study	\$ 60,000	\$ 60,000	\$ -	\$ -
50-91-5000-453	GO Other Lines/Repairs- Issue 1	\$ 286,968	\$ 256,358	\$ -	\$ 30,610
	Totals:	\$ 478,746	\$ 398,468	\$ 962,033	\$ 1,042,311

This will result in a net increase of \$563,565 in the appropriations of the Water/Sewer Capital Fund. As a result, the following revenues will be increased.

Accnt. No.	Description	Current Appropriation	Decrease	Increase	Proposed Appropriation
50-91-3400-223	GO Sewer Bond Authority- Issue 3	\$ -	\$ -	\$ 186,271	\$ 186,271
50-91-3400-002	GO Water Bond Authority- Issue 3	\$ -	\$ -	\$ 377,294	\$ 377,294
	Totals:	\$ -	\$ -	\$ 563,565	\$ 563,565

Section 3. Copies of this budget amendment shall be furnished to the Clerk of the Town Council and to the Finance Officer for their implementation.

Adopted this 12th day of February, 2019.

\_\_\_\_\_  
Charles Sellers, Mayor

Attested by:

\_\_\_\_\_  
Hilari Hubner, Town Clerk



# Sunset Dr. Streetscape: Funding Needed Per Bids Jan. 17, 2019

General Fund		Current Budget/ Expended/Committed at Planned Funding 12/31/2018			Funds Remaining		Funds Needed per Bids Received Jan 2019		Difference
GL Account #	Description								
20-20-5000-417	GO Sunset Dr. Streetscape- Issue 1	\$ 80,000	\$ (42,374)	\$ 37,626	\$ -	\$ 37,626	\$ -	\$ 37,626	
20-20-5001-418	GO Sunset Dr. Streetscape- Issue 2	\$ 50,000	\$ (30,232)	\$ 19,768	\$ -	\$ 19,768	\$ -	\$ 19,768	
20-20-5002-417	GO Sunset Dr. Streetscape- Issue 3 Construction*	\$ 705,260	\$ -	\$ 705,260	\$ -	\$ -	\$ 1,732,511	\$ (1,027,251)	
20-20-5002-418	GO Sunset Dr. Streetscape- Issue 3 Contingency*	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 86,626	\$ (86,626)	
20-20-5002-419	GO Sunset Dr. Streetscape- Issue 3 Engineering/Testing*	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 55,000	\$ (55,000)	
		\$ 835,260	\$ (72,606)	\$ 762,654	\$ -	\$ 762,654	\$ 1,874,137	\$ (1,111,483)	
<b>Proposed Funding Sources &amp; Impacts</b>									
20-20-5001-400	GO Road Failure Repairs- Issue 2 (Funds already on hand remaining- no plan for use)	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000	\$ 40,000	\$ -	
20-20-5002-400	GO Road Failure Repairs- Issue 4 (to be advanced and issued with phase 3)*	\$ 300,000	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000	\$ -	
20-20-5001-402	GO Ditchline Repairs- Issue 2 (Funds already on hand remaining- no plan for use)	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000	\$ 40,000	\$ -	
20-20-5003-400	GO Ditchline Repairs- Issue 4 (to be advanced and issued with phase 3)*	\$ 300,000	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000	\$ -	
20-20-5003-407	GO Culvert Replacements- Issue 4 (to be advanced and issued with phase 3)*	\$ 300,000	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000	\$ -	
20-20-5001-419	GO Future Sidewalks- Issue 2 (no plans for use)	\$ 135,070	\$ -	\$ -	\$ -	\$ 135,070	\$ 46,438	\$ 88,632	
20-20-5001-420	GO Carriage Trail- Issue 2	\$ 42,448	\$ 32,309	\$ -	\$ -	\$ 10,139	\$ 10,139	\$ -	(0)
20-20-5002-420	GO Paving- Issue 3 (Not Bid Out Yet)*	\$ 1,060,664	\$ -	\$ -	\$ -	\$ 1,060,664	\$ 10,357	\$ 1,050,307	
20-20-5001-405	GO Paving- Issue 2 (Funds already on hand remaining due to cost savings)	\$ 1,406,011	\$ 1,341,462	\$ -	\$ -	\$ 64,549	\$ 64,549	\$ -	
		\$ 3,624,193	\$ 1,373,771	\$ 2,250,422	\$ -	\$ 2,250,422	\$ 1,111,483	\$ 1,138,939	
* Per current issuance plan.									
<b>Water</b>									
GL Account #	Description								
50-91-5000-400	GO Sunset Dr Water- Issue 1	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ -	\$ 15,000	
50-91-5002-417	GO Sunset Dr. Streetscape-Water- Issue 3 Construction*	\$ 142,500	\$ -	\$ -	\$ -	\$ 142,500	\$ 379,670	\$ (237,170)	
50-91-5002-418	GO Sunset Dr. Streetscape-Water- Issue 3 Contingency*	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18,984	\$ (18,984)	
50-91-5002-419	GO Sunset Dr. Streetscape-Water- Issue 3 Engineering/Testing*	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 23,000	\$ (23,000)	
		\$ 157,500	\$ -	\$ -	\$ -	\$ 157,500	\$ 421,654	\$ (264,154)	
<b>Proposed Funding Sources &amp; Impacts</b>									
50-91-5000-404	GO Other Lines/Repairs Water- Issue 1 (Funds already on hand- no plan for use)	\$ 43,594	\$ 14,233	\$ -	\$ -	\$ 29,361	\$ 29,360	\$ 1	
50-91-5002-404	GO Other Lines/Repairs Water- Issue 3 (No plan for use)*	\$ 25,966	\$ -	\$ -	\$ -	\$ 25,966	\$ 25,965	\$ 1	
50-91-5003-405	GO Maple St. Water- Issue 4 (to be advanced and issued with phase 3- plans not developed yet)*	\$ 106,250	\$ -	\$ -	\$ -	\$ 106,250	\$ 20,000	\$ 86,250	
50-91-5003-406	GO Goforth Water- Issue 4 (to be advanced and issued with phase 3- plans not developed yet)*	\$ 455,767	\$ -	\$ -	\$ -	\$ 455,767	\$ 95,915	\$ 359,853	
50-91-5003-407	GO West Green Hill Water- Issue 4 (to be advanced and issued with phase 3- plans not developed yet)*	\$ 255,767	\$ -	\$ -	\$ -	\$ 255,767	\$ 92,915	\$ 162,853	
		\$ 887,344	\$ 14,233	\$ -	\$ -	\$ 873,111	\$ 264,154	\$ 608,957	
* Per current issuance plan.									
<b>Sewer</b>									
GL Account #	Description								
50-91-5000-454	GO Sunset Dr Sewer- Issue 1	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000	\$ -	\$ 35,000	
50-91-5002-457	GO Sunset Dr. Streetscape-Sewer- Issue 3 Construction*	\$ 300,000	\$ -	\$ -	\$ -	\$ 183,271	\$ 487,980	\$ (304,709)	
50-91-5002-458	GO Sunset Dr. Streetscape-Sewer- Issue 3 Contingency*	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 24,399	\$ (24,399)	
50-91-5002-459	GO Sunset Dr. Streetscape-Sewer- Issue 3 Engineering/Testing*	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28,000	\$ (28,000)	
		\$ 335,000	\$ -	\$ -	\$ -	\$ 218,271	\$ 540,379	\$ (322,108)	
<b>Proposed Funding Sources &amp; Impacts</b>									
50-91-5000-450	GO Bond Council & Interest	\$ 12,263	\$ 9,483	\$ -	\$ -	\$ 2,780	\$ 2,750	\$ 30	
50-91-5003-453	GO Bond - Other Lines/Repairs- Issue 4 (No plan to date)*	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000	\$ 3,000	\$ -	
50-91-5000-452	GO Inflow & Infiltration Study- Issue 1 (No plan to date)	\$ 60,000	\$ -	\$ -	\$ -	\$ 60,000	\$ 60,000	\$ -	
50-91-5000-453	GO Other Lines/Repairs- Issue 1 (Funds already on hand- no plan for use)	\$ 256,358	\$ -	\$ -	\$ -	\$ 256,358	\$ 256,358	\$ -	
		\$ 343,621	\$ 9,483	\$ -	\$ -	\$ 334,138	\$ 322,108	\$ 30	
* Per current issuance plan.									
<b>Grand Totals:</b>		\$ 1,327,760	\$ (72,606)	\$ 1,138,425	\$ -	\$ 1,138,425	\$ 2,836,169	\$ (1,697,744)	