



**Town of Buchanan**

**Roadway Reconstruction**

**August 16, 2018**

**Estimated Opinion of Probable Cost**

**Rural Allocation Option 1-Assume there are 20 lots at 100 ft of front footage each lot**

**22 FT WIDE ROADWAY WITH STORM SEWER IN DITCH**

**1000' LONG, 12" BASE AND 3.5" ASPHALT - RESIDENTIAL ROAD**

ITEM	QUANTITY	UNIT COST	TOTAL COST
<b>TOWN COST</b>			
PULVERIZE EXISTING PAVEMENT	2500 SY	\$1	\$2,500
EXCAVATE ROADWAY, AVG 15"	1400 CY	\$20	\$28,000
BASE COURSE, 12"	1150 CY	\$23	\$26,450
SHOULDERING	1400 LF	\$3	\$4,200
ASPHALT, 3.5"	550 TONS	\$70	\$38,500
LANDSCAPE RESTORATION, SEED, E-MAT	3500 SY	\$6	\$21,000
DITCHING	1400 LF	\$20	\$28,000
EROSION CONTROL	1 LS	\$1,500	\$1,500
TRAFFIC CONTROL	1 LS	\$1,000	\$1,000
SUBTOTAL CONSTRUCTION			\$151,150
CONTINGENCY 10%			\$15,115
ENGINEERING AND ADMINISTRATION			\$30,230
<b>TOWN COST SUBTOTAL</b>			<b>\$196,495</b>
<b>PROPERTY OWNER COST - STORM SEWER</b>			
STORM SEWER, 12" LEAD	300 LF	\$35	\$10,500
STORM SEWER, 15"	400 LF	\$40	\$16,000
STORM SEWER, 18"	300 LF	\$45	\$13,500
STORM MANHOLES	1 EA	\$3,000	\$3,000
CATCH BASINS	8 EA	\$2,500	\$20,000
MINI STORM SEWER	1000 LF	\$30	\$30,000
SUMP PUMP CONNECTIONS TO PIPE AND R.O.W.	20 EA	\$300	\$6,000
SUBTOTAL CONSTRUCTION			\$99,000
CONTINGENCY 10%			\$9,900
ENGINEERING AND ADMINISTRATION			\$19,800
<b>PROPERTY OWNER COST SUBTOTAL</b>			<b>\$128,700</b>
<b>TOTAL PROJECT OPINION OF PROBABLE COST</b>			<b>\$325,195</b>
<b>TOTAL PROJECT COST PER CENTERLINE LF ROADWAY</b>			<b>\$325.20</b>
<b>TOWN COST PER CENTERLINE LF OF ROADWAY</b>			<b>\$196.50</b>
<b>TOWN COST PER LOT FRONT FOOT</b>			<b>\$98.25</b>
<b>PROPERTY OWNER COST PER LOT FRONT FOOT</b>			<b>\$64.35</b>
<b>PROPERTY OWNER COST PER LOT (100 FT LOTS)</b>			<b>\$6,435.00</b>

**NOTE:** 1. COSTS DO NOT INCLUDE DRIVEWAY CONSTRUCTION. THE PROPERTY OWNER IS RESPONSIBLE FOR THE DRIVEWAY CONSTRUCTION COST. THE PRELIMINARY COST FOR ASPHALT DRIVEWAY REPLACEMENT IS APPROXIMATELY \$15,000 (\$750/DRIVEWAY X 20 DRIVEWAYS) FOR THIS SCENARIO.  
 2. IT IS ASSUMED THAT DITCHES ARE ADEQUATE TO MEET STORMWATER MANAGEMENT REQUIREMENTS FOR THE ROADWAY CONSTRUCTION. COST ESTIMATE DOES NOT INCLUDE ADDITIONAL FACILITIES.