



Town of Buchanan

Roadway Reconstruction

August 16, 2018

Estimated Opinion of Probable Cost

Rural Allocation Option 2-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
TOWN COST			
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
DITCHING	1400 LF	\$20	\$28,000
EROSION CONTROL	1 LS	\$1,500	\$1,500
TRAFFIC CONTROL	1 LS	\$1,000	\$1,000
SUBTOTAL CONSTRUCTION			\$130,150
CONTINGENCY 10%			\$13,015
ENGINEERING AND ADMINISTRATION			\$26,030
TOWN COST SUBTOTAL			\$169,195
PROPERTY OWNER COST - STORM SEWER			
LANDSCAPE RESTORATION, SEED, E-MAT	3500 SY	\$6	\$21,000
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			\$120,000
CONTINGENCY 10%			\$12,000
ENGINEERING AND ADMINISTRATION			\$24,000
PROPERTY OWNER COST SUBTOTAL			\$156,000
TOTAL PROJECT OPINION OF PROBABLE COST			\$325,195
TOTAL PROJECT COST PER CENTERLINE LF ROADWAY			\$325.20
TOWN COST PER CENTERLINE LF OF ROADWAY			\$169.20
TOWN COST PER LOT FRONT FOOT			\$84.60
PROPERTY OWNER COST PER LOT FRONT FOOT			\$78.00
PROPERTY OWNER COST PER LOT (100 FT LOTS)			\$7,800.00

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.