



Town of Buchanan

Roadway Reconstruction

August 16, 2018

Estimated Opinion of Probable Cost

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

30' BB CURB & GUTTER W/STORM SEWER

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"	1600 CY	\$20	\$32,000
BASE COURSE, 12"	1300 CY	\$23	\$29,900
ASPHALT, 3.5"	700 TONS	\$70	\$49,000
24" BARRIER CURB AND GUTTER	2000 LF	\$15	\$30,000
LANDSCAPE RESTORATION, SEED, E-MAT	3200 SY	\$6	\$19,200
STORMWATER MANAGEMENT FACILITY	1 LS	\$30,000	\$30,000
EROSION CONTROL	1 LS	\$1,500	\$1,500
TRAFFIC CONTROL	1 LS	\$1,000	\$1,000
SUBTOTAL CONSTRUCTION			\$195,100
CONTINGENCY 10%			\$19,510
ENGINEERING AND ADMINISTRATION			\$39,020
TOWN COST SUBTOTAL			\$253,630
PROPERTY OWNER COST - STORM SEWER			
STORM SEWER, 12" LEAD	100 LF	\$35	\$3,500
STORM SEWER, 15"	300 LF	\$40	\$12,000
STORM SEWER, 18"	300 LF	\$45	\$13,500
STORM SEWER, 24"	300 LF	\$50	\$15,000
STORM MANHOLES	3 EA	\$3,000	\$9,000
CATCH BASINS	6 EA	\$2,500	\$15,000
MINI STORM SEWER	1000 LF	\$30	\$30,000
SUMP PUMP CONNECTIONS TO PIPE AND R.O.W.	20 EA	\$300	\$6,000
SUBTOTAL CONSTRUCTION			\$104,000
CONTINGENCY 10%			\$10,400
ENGINEERING AND ADMINISTRATION			\$20,800
PROPERTY OWNER COST SUBTOTAL			\$135,200
TOTAL PROJECT OPINION OF PROBABLE COST			\$388,830
TOTAL PROJECT COST PER CENTERLINE LF ROADWAY			\$388.83
TOWN COST PER CENTERLINE LF OF ROADWAY			\$253.63
TOWN COST PER LOT FRONT FOOT			\$126.82
PROPERTY OWNER COST PER LOT FRONT FOOT			\$67.60
PROPERTY OWNER COST PER LOT (100 FT LOTS)			\$6,760.00

NOTE: 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.