

WEST ELM STREET IMPROVEMENT PROJECT
VILLAGE OF BLUFFTON
PRELIMINARY CONSTRUCTION ESTIMATE

September 29, 2017

<u>ITEM NO.</u>	<u>DESCRIPTION</u>	<u>UNIT OF MEASURE</u>	<u>APPROX. QTY.</u>	<u>UNIT COST</u>	<u>TOTAL COST</u>
From Bentley to Spring, Narrow Elm to 32' B/C to B/C					
ROADWAY ITEMS					
202	REMOVED	LUMP	1	\$5,000.00	\$5,000.00
202	WALK REMOVED	EACH	18000	\$3.00	\$54,000.00
202	CURB AND GUTTER REMOVED	FT.	4600	\$5.00	\$23,000.00
203	EXCAVATION INCLUDING EMBANKMENT CONSTRUCTION	C.Y.	1500	\$12.00	\$18,000.00
204	SUBGRADE COMPACTION	S.Y.	8278	\$2.00	\$16,556.00
204	GEOGRID	S.Y.	1600	\$5.00	\$8,000.00
204	EXCAVATION OF SUBGRADE AND STRUCTURAL EMBANKMENT	C.Y.	828	\$40.00	\$33,120.00
254	1-1/2" PAVEMENT PLANING, ASPHALT CONCRETE	S.Y.	3928	\$4.00	\$15,712.00
304	AGGREGATE BASE	C.Y.	2467	\$40.00	\$98,680.00
407	TACK COAT @ 0.075 GAL./S.Y.	GAL.	525	\$4.00	\$2,100.00
441	3-1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, PG 64-22	C.Y.	681	\$185.00	\$125,985.00
441	1-1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG 64-22	C.Y.	292	\$190.00	\$55,480.00
452	6" NON-REINFORCED CONCRETE PAVEMENT	S.Y.	467	\$65.00	\$30,355.00
608	4" CONCRETE WALK	S.F.	23000	\$7.00	\$161,000.00
609	CURB AND GUTTER REPLACED	FT.	4600	\$25.00	\$115,000.00
611	4" PVC SDR-35 CONDUIT, TYPE B	FT.	50	\$15.00	\$750.00
611	6" PVC SDR-35 CONDUIT, TYPE B	FT.	50	\$20.00	\$1,000.00
611	8" PVC SDR-35 CONDUIT, TYPE B	FT.	50	\$25.00	\$1,250.00
611	10" PVC SDR-35 CONDUIT, TYPE B	FT.	50	\$30.00	\$1,500.00
611	12" STORM SEWER	FT.	40	\$50.00	\$2,000.00
611	TYPE 1 CATCH BASIN	EACH	2	\$2,400.00	\$4,800.00
614	MAINTAINING TRAFFIC	LUMP	1	\$5,000.00	\$5,000.00
642	PAVEMENT MARKINGS	LUMP	1	\$10,000.00	\$10,000.00
659	SEEDING AND MULCHING	S.Y.	3280	\$2.00	\$6,560.00
	ROADWAY SUBTOTAL				\$794,848.00
	10% CONTINGENCY				\$79,484.80
	ROADWAY TOTAL				\$874,332.80
VILLAGE FUNDED WATER WORKS ITEMS					
201	CLEARING AND GRUBBING	LUMP	1	\$10,000.00	\$10,000.00
638	6" PVC C-900 DR-18 WATER MAIN	FT.	100	\$55.00	\$5,500.00
638	8" PVC C-900 DR-18 WATER MAIN	FT.	1705	\$70.00	\$119,350.00
638	3/4" PVC SDR-9 SERVICE BRANCHES	FT.	686	\$50.00	\$34,300.00
638	8" GATE VALVE	EACH	8	\$2,000.00	\$16,000.00
638	6" x 6" TAPPING SLEEVE, VALVE, AND VALVE BOX	EACH	2	\$3,000.00	\$6,000.00
638	8" x 8" TAPPING SLEEVE, VALVE, AND VALVE BOX	EACH	4	\$4,000.00	\$16,000.00
638	FIRE HYDRANT REMOVED	EACH	3	\$750.00	\$2,250.00
638	6" FIRE HYDRANT ASSEMBLY	EACH	4	\$4,500.00	\$18,000.00
638	6" FIRE HYDRANT EXTENDED AND ADJUSTED TO GRADE	EACH	2	\$2,500.00	\$5,000.00
638	WATER METER CHAMBER REMOVED AND RESET	EACH	23	\$800.00	\$18,400.00
671	EROSION CONTROL MAT	S.Y.	178	\$7.00	\$1,246.00
SPEC	ROCK EXCAVATION	C.Y.	140	\$200.00	\$28,000.00
SPEC	CONCRETE MUD MAT	LUMP	1	\$12,000.00	\$12,000.00
SPEC	OPEN CUT CREEK CROSSING DEWATERING	LUMP	1	\$15,000.00	\$15,000.00
	WATER WORKS SUBTOTAL				\$307,046.00
	10% CONTINGENCY				\$30,704.60
	WATER WORKS TOTAL				\$337,750.60
	GRAND TOTAL				\$1,212,083.00

ChoiceOne
Engineering

We make no warranty, express or implied, that the actual construction cost of the Work associated with these estimated quantities and costs will not vary. The cost reflects our opinion of current probable construction cost.

Matthew J. Hoying
Matthew J. Hoying, P.E.

9-29-2017
Date

