

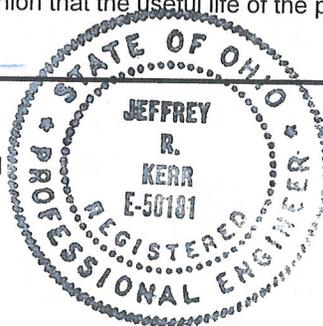
VILLAGE OF ASHVILLE, OHIO
SANITARY SEWER & FORCE MAIN
IMPROVEMENTS PART B
ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS
October 2, 2015

Line No.	Item No.	Description	Unit	Quantity	Sum of Labor & Material	Total Cost
Items ODOT Specification unless marked "Spec."						
1	201	Clearing and Grubbing	L.S.	1	\$5,000.00	\$5,000.00
2	201	Tree Removal > 15 inches	E.A.	1	\$1,200.00	\$1,200.00
3	202	Fence Removed and Reinstalled	L.F.	300	\$15.00	\$4,500.00
4	202	Storm Structures Removed	EA.	7	\$150.00	\$1,050.00
5	202	Manhole Abandoned In-place	EA.	1	\$500.00	\$500.00
6	202	Portions of Structure Removed (As Directed)	C.Y.	5	\$500.00	\$2,500.00
7	202	Abandoned Pipe In-place, 24 Inches and Under	EA.	120	\$10.00	\$1,200.00
8	202	Pipe Removed, 24 Inches and Under	L.F.	577	\$10.00	\$5,770.00
9	202	Cut and Plug Conduit Opening Through 12 Inches	EA.	3	\$150.00	\$450.00
10	202	Cut and Plug Conduit Opening Through 24 Inches	EA.	12	\$250.00	\$3,000.00
11	207	Temporary Sediment and Erosion Control	L.S.	1	\$8,000.00	\$8,000.00
12	253	Temporary Pavement (Village Roads)	S.Y.	63	\$35.00	\$2,205.00
13	253	Temporary Pavement (Main Street-State Route 316 Crossing)	S.Y.	71	\$45.00	\$3,195.00
14	254	Pavement Planing, Asphalt Concrete	C.Y.	54	\$10.00	\$540.00
15	448	1.5-inch Asphalt Concrete Surface Course, Scioto St.	C.Y.	49	\$65.00	\$3,185.00
16	448	1.5-inch Asphalt Concrete Surface Course, Lexington, & May Ave.	C.Y.	49	\$65.00	\$3,185.00
17	Spec.	Driveway Replacement, Gravel (To Include Alley)	C.Y.	217	\$15.00	\$3,255.00
18	Spec.	Gravel Driveway Replacement w/ Asphalt Pavement Course	C.Y.	137	\$55.00	\$7,535.00
19	Spec.	Driveway Replacement, Concrete	C.Y.	24	\$45.00	\$1,080.00
20	Spec.	Pavement Replacement Type 1, Main Street-State Route 316	C.Y.	32	\$85.00	\$2,720.00
21	Spec.	Pavement Replacement, Village Streets	C.Y.	419	\$65.00	\$27,235.00
22	604	Sanitary Manhole with 48-Inch Base	EA.	25	\$3,500.00	\$87,500.00
23	604	Sanitary Manhole with 60-Inch Base	EA.	4	\$4,200.00	\$16,800.00
24	604	Sanitary Manhole with 48-Inch Base, Outside Drop	EA.	3	\$5,000.00	\$15,000.00
25	604	Sanitary Manhole with 72-Inch Base, Outside Drop	EA.	1	\$6,500.00	\$6,500.00
26	604	Sanitary Doghouse Manhole with 48-Inch Base	EA.	1	\$4,000.00	\$4,000.00
27	604	Storm Manhole with 48-Inch Base and Grated Lid	EA.	1	\$3,000.00	\$3,000.00
28	604	Doghouse Storm Manhole with 48-Inch Base and Solid Lid	EA.	1	\$4,000.00	\$4,000.00
29	604	Odor 2x2 Catch Basin	EA.	2	\$1,600.00	\$3,200.00
30	604	4-inch Drain Inlet	EA.	2	\$200.00	\$400.00
31	604	Odor 2x3 Curb Inlet	EA.	2	\$1,800.00	\$3,600.00
32	604	Headwall for 18 Inch pipe	EA.	1	\$3,500.00	\$3,500.00
33	604	Reconstruct Manhole Bench and Channel, As Directed	EA.	2	\$350.00	\$700.00
34	604	Sanitary Manhole with 48-Inch Base, As Directed	EA.	2	\$3,500.00	\$7,000.00
35	608	4-Inch Concrete Sidewalk Replacement	S.F.	1,803	\$15.00	\$27,045.00
36	611	4-Inch PVC SRD35 Sanitary Sewer with Type 1 Bedding and Compacted Backfill	L.F.	14	\$25.00	\$350.00
37	611	4-Inch PVC SRD35 Sanitary Sewer with Type 1 Bedding and Compacted Granular Backfill	L.F.	60	\$40.00	\$2,400.00
38	611	6-Inch PVC SRD35 Sanitary Sewer with Type 1 Bedding and Compacted Backfill	L.F.	56	\$35.00	\$1,960.00
39	611	6-Inch PVC SRD35 Sanitary Sewer with Type 1 Bedding and Compacted Granular Backfill	L.F.	14	\$55.00	\$770.00

Line	Item			Sum of Labor &		
40	611	8-Inch PVC SRD35 Sanitary Sewer with Type 1 Bedding and Compacted Granular Backfill	L.F.	45	\$85.00	\$3,825.00
41	611	8-Inch PVC SRD35 Sanitary Sewer with Type 1 Bedding and Compacted Backfill	L.F.	14	\$55.00	\$770.00
42	611	18-Inch PVC PS46 Sanitary Sewer with Type 1 Bedding and Compacted Granular Backfill	L.F.	796	\$110.00	\$87,560.00
43	611	18-Inch PVC PS46 Sanitary Sewer with Type 1 Bedding and Compacted Backfill	L.F.	809	\$95.00	\$76,855.00
44	611	24-Inch PVC PS46 Sanitary Sewer with Type 1 Bedding and Compacted Granular Backfill	L.F.	3,553	\$125.00	\$444,125.00
45	611	24-Inch PVC PS46 Sanitary Sewer with Type 1 Bedding and Compacted Backfill	L.F.	1,662	\$100.00	\$166,200.00
46	611	18-Inch PVC PS46 Storm Sewer with Type 1 Bedding and Compacted Granular Backfill	L.F.	71	\$95.00	\$6,745.00
47	611	18-Inch PVC PS46 Storm Sewer with Type 1 Bedding and Compacted Backfill	L.F.	58	\$75.00	\$4,350.00
48	614	Maintaining Traffic, As Per Plan	L.S.	1	\$10,000.00	\$10,000.00
49	623	Construction Layout Stakes	L.S.	1	\$8,000.00	\$8,000.00
50	624	Mobilization	L.S.	1	\$40,000.00	\$40,000.00
51	638	4-Inch PVC DR25 Class 165 With Fittings, Water Main Compacted Granular Backfill	L.F.	354	\$55.00	\$19,470.00
52	638	10-Inch PVC DR25 Class 165 With Fittings, Sewer Force Main Compacted Granular Backfill	L.F.	2,982	\$75.00	\$223,650.00
53	638	10-Inch PVC DR25 Class 165 With Fittings, Sewer Force Main with Compacted Backfill	L.F.	1,838	\$55.00	\$101,090.00
54	638	6-Inch X 6-Inch Tapping Sleeve, Valve, and Valve Box	L.F.	1	\$4,500.00	\$4,500.00
55	638	10-inch Force Main Air Release Valve, Complete W/ Structure	EA.	2	\$8,500.00	\$17,000.00
56	638	10-inch Force Main Clean Out Assembly	EA.	4	\$5,000.00	\$20,000.00
57	659	Seeding and Mulching, Class 2	S.F.	93,857	\$0.20	\$18,771.40
58	Spec.	Core Drill and Boot Existing Manhole, As Per Plan	EA.	2	\$1,000.00	\$2,000.00
59	Spec.	Dewatering	L.S.	1	\$7,500.00	\$7,500.00
60	Spec.	Bypass Pumping, As Directed	L.S.	1	\$2,500.00	\$2,500.00
61	Spec.	Field Tile, Underdrain, Perimeter Drain, Culvert, Sanitary Sewer Service, Leach Field Pipe, Water Line, and Gas Line Repair/Replacement, As Directed	L.F.	250	\$25.00	\$6,250.00
62	Spec.	Transfer (3/4-inch) Water Service	EA.	2	\$1,500.00	\$3,000.00
63	Spec.	(3/4-inch) Water Service, As Directed	EA.	2	\$1,500.00	\$3,000.00
64	Spec.	(1-inch) Water Service, As Directed	EA.	1	\$1,500.00	\$1,500.00
Total Construction Cost						\$1,553,691

I hereby certify that the above cost estimate of probable cost is a true estimation to complete the project, based on the planned scope of work and other information available to me. This estimate was prepared utilizing Davis Bacon Wage Rates. **Project Useful Life Certification:** It is my opinion that the useful life of the project will be a minimum of thirty (30) years.

Jeffrey R. Kerr, P.E.
Project Manager
Ohio Registered Professional Engineer #50181



Oct 2, 2015
Date