

BROADWAY RECONSTRUCTION

BIDS RECEIVED ON: November 22, 2019

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ENGINEER'S ESTIMATE	Majors Enterprises, Inc. 6393 Hamilton Lebanon Road Monroe, OH 45050 Phone (513) 539-8212 majorssupply@hotmail.com	Milcon Concrete, Inc. 1360 S. Co. Rd. 25A Troy, OH 45373 Phone (937) 339-6274 Fax (937) 335-9881 andrew@milcon-inc.com	J & J Schlaegel, Inc. 1250 E. US Hwy 36 Urbana, OH 43078 Phone (937) 652-2045 Fax (937) 652-2046 jschlaegel@ctcn.net
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ITEM NO.	DESCRIPTION	EST. QTY.	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
ROADWAY											
*201	Clearing and Grubbing	1	LS	\$17,500.00	\$17,500.00	\$2,500.00	\$2,500.00	\$14,340.00	\$14,340.00	\$31,100.00	\$31,100.00
202	Pavement Removed	20,902	SY	\$5.25	\$109,735.50	\$7.00	\$146,314.00	\$8.50	\$177,667.00	\$11.19	\$233,893.38
202	Drive Removed	7,633	SY	\$2.75	\$20,990.75	\$6.00	\$45,798.00	\$3.60	\$27,478.80	\$18.00	\$137,394.00
202	Walk Removed	4,418	SF	\$1.50	\$6,627.00	\$2.00	\$8,836.00	\$1.00	\$4,418.00	\$1.50	\$6,627.00
202	Curb Removed	8,568	FT	\$3.00	\$25,704.00	\$3.00	\$25,704.00	\$2.00	\$17,136.00	\$4.50	\$38,556.00
202	Curb and Gutter Removed	50	FT	\$5.00	\$250.00	\$5.00	\$250.00	\$3.50	\$175.00	\$10.00	\$500.00
202	Pipe Removed	416	FT	\$18.00	\$7,488.00	\$25.00	\$10,400.00	\$52.00	\$21,632.00	\$35.00	\$14,560.00
202	Catch Basin Removed, As Per Plan	36	EA	\$375.00	\$13,500.00	\$200.00	\$7,200.00	\$380.00	\$13,680.00	\$650.00	\$23,400.00
*202	Pavers Removed	13	SF	\$3.00	\$39.00	\$10.00	\$130.00	\$17.00	\$221.00	\$3.00	\$39.00
*203	Excavation, As Per Plan	2,504	CY	\$11.50	\$28,796.00	\$30.00	\$75,120.00	\$22.50	\$56,340.00	\$13.00	\$32,552.00
*203	Rock Excavation	100	CY	\$50.00	\$5,000.00	\$50.00	\$5,000.00	\$75.00	\$7,500.00	\$75.00	\$7,500.00
*203	Embankment	296	CY	\$25.00	\$7,400.00	\$20.00	\$5,920.00	\$16.00	\$4,736.00	\$25.00	\$7,400.00
*204	Subgrade Compaction	22,001	SY	\$1.25	\$27,501.25	\$2.00	\$44,002.00	\$1.25	\$27,501.25	\$1.25	\$27,501.25
*204	Excavation of Subgrade, As Per Plan	1,934	CY	\$17.00	\$32,878.00	\$20.00	\$38,680.00	\$19.00	\$36,746.00	\$15.00	\$29,010.00
*204	Rock Excavation	1,322	CY	\$50.00	\$66,100.00	\$50.00	\$66,100.00	\$70.00	\$92,540.00	\$75.00	\$99,150.00
*204	Granular Material, Type C	3,279	CY	\$35.00	\$114,765.00	\$50.00	\$163,950.00	\$38.00	\$124,602.00	\$48.00	\$157,392.00
*204	Proof Rolling	14	HR	\$140.00	\$1,960.00	\$100.00	\$1,400.00	\$150.00	\$2,100.00	\$150.00	\$2,100.00
204	Geotextile Fabric, Type D	8,386	SY	\$2.00	\$16,772.00	\$2.00	\$16,772.00	\$1.00	\$8,386.00	\$2.00	\$16,772.00
608	4" Concrete Walk	967	SF	\$6.00	\$5,802.00	\$6.50	\$6,285.50	\$11.00	\$10,637.00	\$7.00	\$6,769.00
608	6" Concrete Walk	3,883	SF	\$7.00	\$27,181.00	\$8.00	\$31,064.00	\$10.00	\$38,830.00	\$8.00	\$31,064.00
608	6" Concrete Drive	9,214	SF	\$7.00	\$64,498.00	\$8.00	\$73,712.00	\$10.00	\$92,140.00	\$8.00	\$73,712.00
608	8" Concrete Drive	207	SF	\$10.00	\$2,070.00	\$10.00	\$2,070.00	\$11.00	\$2,277.00	\$9.00	\$1,863.00
608	Curb Ramp	36	EA	\$550.00	\$19,800.00	\$500.00	\$18,000.00	\$475.00	\$17,100.00	\$550.00	\$19,800.00
SPEC	Scarification	5,734	SY	\$1.25	\$7,167.50	\$4.00	\$22,936.00	\$1.50	\$8,601.00	\$2.90	\$16,628.60
EROSION CONTROL											
*659	Topsoil	617	CY	\$50.00	\$30,850.00	\$50.00	\$30,850.00	\$56.00	\$34,552.00	\$60.00	\$37,020.00
659	Seeding and Mulching	5,560	SY	\$1.75	\$9,730.00	\$2.00	\$11,120.00	\$1.30	\$7,228.00	\$2.00	\$11,120.00
659	Commercial Fertilizer	0.25	TON	\$650.00	\$162.50	\$250.00	\$62.50	\$500.00	\$125.00	\$600.000	\$150.00
*659	Water	30	MGAL	\$20.00	\$600.00	\$100.00	\$300.00	\$1.00	\$30.00	\$30.00	\$900.00
*832	Erosion Control	40,000	EA	\$1.00	\$40,000.00	\$1.00	\$40,000.00	\$1.00	\$40,000.00	\$1.00	\$40,000.00

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ITEM NO.	DESCRIPTION	EST. QTY.	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
DRAINAGE											
803	6" Conduit, Type B	50	FT	\$80.00	\$4,000.00	\$100.00	\$5,000.00	\$20.00	\$1,000.00	\$45.00	\$2,250.00
803	10" Conduit, Type B	50	FT	\$65.00	\$3,250.00	\$100.00	\$5,000.00	\$20.00	\$1,000.00	\$55.00	\$2,750.00
803	12" Conduit, Type B	1,158	FT	\$75.00	\$86,850.00	\$95.00	\$110,010.00	\$90.00	\$104,220.00	\$133.60	\$154,708.80
804	Catch Basin, No. 1	29	EA	\$3,000.00	\$87,000.00	\$3,000.00	\$87,000.00	\$3,230.00	\$93,670.00	\$3,450.00	\$100,050.00
804	Catch Basin, No. 2	14	EA	\$5,000.00	\$70,000.00	\$5,500.00	\$77,000.00	\$5,590.00	\$78,260.00	\$4,275.00	\$59,850.00
804	Catch Basin, No. 6	1	EA	\$3,500.00	\$3,500.00	\$3,000.00	\$3,000.00	\$2,860.00	\$2,860.00	\$4,500.00	\$4,500.00
804	Catch Basin Adjusted to Grade	2	EA	\$500.00	\$1,000.00	\$500.00	\$1,000.00	\$445.00	\$890.00	\$750.00	\$1,500.00
SPEC	Rock Excavation for Storm Sewer Work	80	CY	\$50.00	\$4,000.00	\$100.00	\$8,000.00	\$66.00	\$5,280.00	\$75.00	\$6,000.00
PAVEMENT											
*301	Asphalt Concrete Base, PG64-22	1,703	CY	\$125.00	\$212,875.00	\$115.00	\$195,845.00	\$150.00	\$255,450.00	\$126.00	\$214,578.00
*304	Aggregate Base	2,270	CY	\$45.00	\$102,150.00	\$50.00	\$113,500.00	\$51.00	\$115,770.00	\$48.00	\$108,960.00
407	Tack Coat (0.10 GAL/SY)	2,043	GAL	\$2.00	\$4,086.00	\$3.00	\$6,129.00	\$6.00	\$12,258.00	\$6.00	\$12,258.00
407	Non-Tracking Tack Coat (0.10 GAL/SY)	2,043	GAL	\$4.00	\$8,172.00	\$3.00	\$6,129.00	\$6.00	\$12,258.00	\$6.00	\$12,258.00
*441	Asphalt Concrete Surface Course, Type 1, (448), PG64-22	710	CY	\$145.00	\$102,950.00	\$130.00	\$92,300.00	\$170.00	\$120,700.00	\$143.00	\$101,530.00
*441	(448)	994	CY	\$137.50	\$136,675.00	\$115.00	\$114,310.00	\$155.00	\$154,070.00	\$130.00	\$129,220.00
609	Curb, Type A, Straight	7,150	FT	\$25.00	\$178,750.00	\$13.00	\$92,950.00	\$15.40	\$110,110.00	\$15.25	\$109,037.50
609	Curb, Type A, Straight, As Per Plan	2,166	FT	\$25.00	\$54,150.00	\$13.00	\$28,158.00	\$15.40	\$33,356.40	\$15.25	\$33,031.50
609	Curb, Type A, Radius	342	FT	\$27.00	\$9,234.00	\$13.00	\$4,446.00	\$15.80	\$5,403.60	\$15.25	\$5,215.50
609	Curb, Type A, Radius, As Per Plan	159	FT	\$27.00	\$4,293.00	\$13.00	\$2,067.00	\$15.80	\$2,512.20	\$15.25	\$2,424.75
WATER WORK											
839	Valve Box Adjusted to Grade	15	EA	\$225.00	\$3,375.00	\$200.00	\$3,000.00	\$190.00	\$2,850.00	\$550.00	\$8,250.00
840	Fire Hydrant	1	EA	\$6,250.00	\$6,250.00	\$5,000.00	\$5,000.00	\$3,314.00	\$3,314.00	\$6,500.00	\$6,500.00
840	Fire Hydrant Removed	1	EA	\$1,025.00	\$1,025.00	\$250.00	\$250.00	\$380.00	\$380.00	\$750.00	\$750.00
841	3/4" Property Service with Meter Box, As Per Plan	85	EA	\$2,600.00	\$221,000.00	\$3,000.00	\$255,000.00	\$1,800.00	\$153,000.00	\$2,750.00	\$233,750.00
841	3/4" Property Service with Meter Box, In Rock, As Per Plan	53	EA	\$3,500.00	\$185,500.00	\$3,500.00	\$185,000.00	\$1,800.00	\$95,400.00	\$3,750.00	\$198,750.00

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ITEM NO.	DESCRIPTION	EST. QTY.	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
SANITARY SEWER											
804	Manhole, No. 1, Type A3 (Dog House)	4	EA	\$8,500.00	\$34,000.00	\$7,000.00	\$28,000.00	\$4,570.00	\$18,280.00	\$5,500.00	\$22,000.00
804	Manhole Adjusted to Grade	5	EA	\$1,500.00	\$7,500.00	\$500.00	\$2,500.00	\$585.00	\$2,925.00	\$750.00	\$3,750.00
804	Manhole Reconstructed to Grade	20.6	VERT FT	\$3,000.00	\$61,800.00	\$275.00	\$5,665.00	\$1,245.00	\$25,647.00	\$85.00	\$1,751.00
SPEC	Manhole Rehabilitation Using the Spray Applied Monolithic Liner	210.28	VERT FT	\$400.00	\$84,112.00	\$275.00	\$57,827.00	\$325.00	\$68,341.00	\$285.00	\$59,929.80
SPEC	8" Sewer Rehabilitation Using the Cured in Place Plastic Pipe Process	671	LF	\$35.00	\$23,485.00	\$35.00	\$23,485.00	\$27.00	\$18,117.00	\$40.00	\$26,840.00
SPEC	12" Sewer Rehabilitation Using the Cured in Place Plastic Pipe Process	2,169	LF	\$45.00	\$97,605.00	\$45.00	\$97,605.00	\$37.00	\$80,253.00	\$46.00	\$99,774.00
SPEC	15" Sewer Rehabilitation Using the Cured in Place Plastic Pipe Process	886	LF	\$55.00	\$48,730.00	\$65.00	\$57,590.00	\$53.00	\$46,958.00	\$65.00	\$57,590.00
SPEC	18" Sewer Rehabilitation Using the Cured in Place Plastic Pipe Process	664	LF	\$65.00	\$43,160.00	\$60.00	\$39,840.00	\$80.00	\$53,120.00	\$57.00	\$37,848.00
SPEC	Laterals Reconnected	140	EA	\$175.00	\$24,500.00	\$130.00	\$18,200.00	\$80.00	\$11,200.00	\$125.00	\$17,500.00
SPEC	Light Sewer Cleaning	4,390	LF	\$5.00	\$21,950.00	\$6.00	\$26,340.00	\$6.00	\$26,340.00	\$5.00	\$21,950.00
LIGHTING											
*625	Conduit, 2", 725.052	2,071	LF	\$5.00	\$10,355.00	\$6.00	\$12,426.00	\$7.00	\$14,497.00	\$5.90	\$12,218.90
625	Trench	1,895	LF	\$5.50	\$10,422.50	\$11.00	\$20,845.00	\$15.50	\$29,372.50	\$12.45	\$23,592.75
*625	Trench in Paved Area	176	LF	\$33.00	\$5,808.00	\$55.00	\$9,680.00	\$26.50	\$4,664.00	\$21.75	\$3,828.00
625	Pull Box Misc: 9" Round Hand Hole Installed	12	EA	\$200.00	\$2,400.00	\$225.00	\$2,700.00	\$140.00	\$1,680.00	\$90.00	\$1,080.00
625	Pull Box Misc: 15" Square Hand Hole Installed	14	EA	\$200.00	\$2,800.00	\$225.00	\$3,150.00	\$150.00	\$2,100.00	\$95.00	\$1,330.00
TRAFFIC CONTROL											
*630	Ground Mounted Support, No. 2 Post	500	FT	\$8.00	\$4,000.00	\$10.00	\$5,000.00	\$9.50	\$4,750.00	\$10.00	\$5,000.00
*630	Ground Mounted Support, No. 3 Post	203	FT	\$9.00	\$1,827.00	\$12.00	\$2,436.00	\$10.00	\$2,030.00	\$11.00	\$2,233.00
*630	Ground Mounted Support, No. 4 Post, Type S (Square Post)	72.5	FT	\$11.00	\$797.50	\$14.00	\$1,015.00	\$18.00	\$1,305.00	\$13.00	\$942.50
630	Sign Post Reflector	17	EA	\$45.00	\$765.00	\$55.00	\$935.00	\$54.00	\$918.00	\$50.00	\$850.00
*630	Sign Support Assembly, Pole Mounted	4	EA	\$120.00	\$480.00	\$180.00	\$720.00	\$285.00	\$1,140.00	\$170.00	\$680.00

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ITEM NO.	DESCRIPTION	EST. QTY.	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
TRAFFIC CONTROL cont.											
630	Sign, Flat Sheet	149.5	SF	\$19.00	\$2,840.50	\$30.00	\$4,485.00	\$25.00	\$3,737.50	\$25.00	\$3,737.50
630	Sign, Flat Sheet, Type J	105	SF	\$22.00	\$2,310.00	\$30.00	\$3,150.00	\$27.00	\$2,835.00	\$26.00	\$2,730.00
630	Removal of Ground Mounted Sign and Disposal	35	EA	\$20.00	\$700.00	\$25.00	\$875.00	\$24.00	\$840.00	\$20.00	\$700.00
630	Removal of Ground Mounted Sign and Storage	18	EA	\$25.00	\$450.00	\$30.00	\$540.00	\$30.00	\$540.00	\$25.00	\$450.00
630	Removal of Ground Mounted Sign and Reerection	1	EA	\$65.00	\$65.00	\$75.00	\$75.00	\$30.00	\$30.00	\$65.00	\$65.00
630	Removal of Ground Mounted Post Support and Disposal	27	EA	\$30.00	\$810.00	\$30.00	\$810.00	\$35.00	\$945.00	\$25.00	\$675.00
*644	Center Line	0.02	MILE	\$7,700.00	\$154.00	\$19,000.00	\$380.00	\$22,500.00	\$450.00	\$18,860.00	\$377.20
*644	Stop Line	44	FT	\$6.75	\$297.00	\$8.00	\$352.00	\$9.00	\$396.00	\$7.50	\$330.00
*644	Crosswalk Lnie	435	FT	\$4.50	\$1,957.50	\$6.00	\$2,610.00	\$6.40	\$2,784.00	\$5.35	\$2,327.25
*644	School Symbol Marking, 96"	2	EA	\$450.00	\$900.00	\$500.00	\$1,000.00	\$540.00	\$1,080.00	\$455.00	\$910.00
*647	Crosswalk Line, Type A90	160	FT	\$3.50	\$560.00	\$17.00	\$2,720.00	\$18.50	\$2,960.00	\$15.60	\$2,496.00
TRAFFIC SIGNALS											
632	Detector Loop, Powerhead (5' x 25')	2	EA	\$1,200.00	\$2,400.00	\$1,500.00	\$3,000.00	\$1,735.00	\$3,470.00	\$1,460.00	\$2,920.00
632	Loop Detector Tie In	2	EA	\$115.00	\$230.00	\$200.00	\$400.00	\$115.00	\$230.00	\$139.00	\$278.00
MAINTENANCE OF TRAFFIC											
410	Traffic Compacted Surface, Type A or B	200	CY	\$50.00	\$10,000.00	\$50.00	\$10,000.00	\$52.00	\$10,400.00	\$45.00	\$9,000.00
614	Law Enforcement Officer With Patrol	40	HR	\$85.00	\$3,400.00	\$100.00	\$4,000.00	\$65.00	\$2,600.00	\$85.00	\$3,400.00
614	Detour Signing	1	LS	\$6,000.00	\$6,000.00	\$3,000.00	\$3,000.00	\$7,570.00	\$7,570.00	\$2,500.00	\$2,500.00
614	Asphalt Concrete for Maintaining Traffic	250	CY	\$180.00	\$45,000.00	\$185.00	\$46,250.00	\$185.00	\$46,250.00	\$250.00	\$62,500.00
614	Work Zone Marking Sign	6	EA	\$140.00	\$840.00	\$125.00	\$750.00	\$226.00	\$1,356.00	\$105.00	\$630.00
614	Work Zone Edge Line, Class 1, 740.06, Type 1	1.66	MILE	\$6,500.00	\$10,790.00	\$7,000.00	\$11,620.00	\$6,700.00	\$11,122.00	\$6,700.00	\$11,122.00
616	Water	16	MGAL	\$10.00	\$160.00	\$100.00	\$1,600.00	\$72.00	\$1,152.00	\$100.00	\$1,600.00
INCIDENTALS											
614	Maintaining Traffic	1	LS	\$35,000.00	\$35,000.00	\$15,000.00	\$15,000.00	\$84,000.00	\$84,000.00	\$65,000.00	\$65,000.00
623	Construction Layout Stakes and Surveying	1	LS	\$27,500.00	\$27,500.00	\$20,000.00	\$20,000.00	\$27,512.75	\$27,512.75	\$30,000.00	\$30,000.00
SPEC	Preconstruction Video	1	LS	\$3,500.00	\$3,500.00	\$10,000.00	\$10,000.00	\$1,270.00	\$1,270.00	\$2,500.00	\$2,500.00

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ITEM NO.	DESCRIPTION	EST. QTY.	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
INCIDENTALS cont.											
1001	Premium for Owner's Protective Insurance	1	LS	\$9,000.00	\$9,000.00	\$10,000.00	\$10,000.00	\$1.00	\$1.00	\$1,512.00	\$1,512.00
1002	Premium for Contract Performance and Payment Bond	1	LS	\$18,000.00	\$18,000.00	\$20,000.00	\$20,000.00	\$35,000.00	\$35,000.00	\$30,800.00	\$30,800.00
GRAND TOTAL					\$2,870,313.50		\$2,889,146.00		\$2,914,900.00		\$3,251,843.18
							Read as \$2,889,146.00				
*659	Water	30	MGAL			\$100.00	\$3,000.00				
841	3/4" Property Service with Meter Box, In Rock, As Per Plan	53	EA			\$3,500.00	\$185,500.00				
CORRECT GRAND TOTAL							\$2,892,346.00				

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ENGINEER'S ESTIMATE	Adleta Construction, Inc. 389 S. Wayne Ave. Cincinnati, OH 45215 Phone (513) 554-1469 estimating@adletaconstruction.com	Barrett Paving Materials, Inc. 3751 Commerce Drive Franklin, OH 45005 Phone (513) 422-4622 Fax (513) 422-3336 Danielle.Ermis@barrett paving.com	
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ITEM NO.	DESCRIPTION	EST. QTY.	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
ROADWAY											
*201	Clearing and Grubbing	1	LS	\$17,500.00	\$17,500.00	\$21,406.66	\$21,406.66	\$9,500.00	\$9,500.00		
202	Pavement Removed	20,902	SY	\$5.25	\$109,735.50	\$12.46	\$260,438.92	\$13.50	\$282,177.00		
202	Drive Removed	7,633	SY	\$2.75	\$20,990.75	\$20.45	\$156,094.85	\$5.00	\$38,165.00		
202	Walk Removed	4,418	SF	\$1.50	\$6,627.00	\$2.26	\$9,984.68	\$3.00	\$13,254.00		
202	Curb Removed	8,568	FT	\$3.00	\$25,704.00	\$8.86	\$75,912.48	\$4.00	\$34,272.00		
202	Curb and Gutter Removed	50	FT	\$5.00	\$250.00	\$11.18	\$559.00	\$8.00	\$400.00		
202	Pipe Removed	416	FT	\$18.00	\$7,488.00	\$38.39	\$15,970.24	\$48.00	\$19,968.00		
202	Catch Basin Removed, As Per Plan	36	EA	\$375.00	\$13,500.00	\$544.60	\$19,605.60	\$900.00	\$32,400.00		
*202	Pavers Removed	13	SF	\$3.00	\$39.00	\$4.33	\$56.29	\$9.00	\$117.00		
*203	Excavation, As Per Plan	2,504	CY	\$11.50	\$28,796.00	\$53.22	\$133,262.88	\$27.00	\$67,608.00		
*203	Rock Excavation	100	CY	\$50.00	\$5,000.00	\$69.41	\$6,941.00	\$60.00	\$6,000.00		
*203	Embankment	296	CY	\$25.00	\$7,400.00	\$63.95	\$18,929.20	\$27.00	\$7,992.00		
*204	Subgrade Compaction	22,001	SY	\$1.25	\$27,501.25	\$1.36	\$29,921.36	\$3.00	\$66,003.00		
*204	Excavation of Subgrade, As Per Plan	1,934	CY	\$17.00	\$32,878.00	\$53.22	\$102,927.48	\$27.00	\$52,218.00		
*204	Rock Excavation	1,322	CY	\$50.00	\$66,100.00	\$69.41	\$91,760.02	\$60.00	\$79,320.00		
*204	Granular Material, Type C	3,279	CY	\$35.00	\$114,765.00	\$54.37	\$178,279.23	\$65.00	\$213,135.00		
*204	Proof Rolling	14	HR	\$140.00	\$1,960.00	\$312.50	\$4,375.00	\$175.00	\$2,450.00		
204	Geotextile Fabric, Type D	8,386	SY	\$2.00	\$16,772.00	\$1.70	\$14,256.20	\$2.35	\$19,707.10		
608	4" Concrete Walk	967	SF	\$6.00	\$5,802.00	\$9.53	\$9,215.51	\$13.00	\$12,571.00		
608	6" Concrete Walk	3,883	SF	\$7.00	\$27,181.00	\$11.91	\$46,246.53	\$9.00	\$34,947.00		
608	6" Concrete Drive	9,214	SF	\$7.00	\$64,498.00	\$12.49	\$115,082.86	\$11.00	\$101,354.00		
608	8" Concrete Drive	207	SF	\$10.00	\$2,070.00	\$14.92	\$3,088.44	\$13.00	\$2,691.00		
608	Curb Ramp	36	EA	\$550.00	\$19,800.00	\$1,840.66	\$66,263.76	\$800.00	\$28,800.00		
SPEC	Scarification	5,734	SY	\$1.25	\$7,167.50	\$6.83	\$39,163.22	\$3.00	\$17,202.00		
EROSION CONTROL											
*659	Topsoil	617	CY	\$50.00	\$30,850.00	\$57.75	\$35,631.75	\$60.00	\$37,020.00		
659	Seeding and Mulching	5,560	SY	\$1.75	\$9,730.00	\$0.26	\$1,445.60	\$1.50	\$8,340.00		
659	Commercial Fertilizer	0.25	TON	\$650.00	\$162.50	\$708.76	\$177.19	\$800.00	\$200.00		
*659	Water	30	MGAL	\$20.00	\$600.00	\$26.25	\$787.50	\$1.00	\$30.00		
*832	Erosion Control	40,000	EA	\$1.00	\$40,000.00	\$1.00	\$40,000.00	\$1.00	\$40,000.00		

BROADWAY RECONSTRUCTION

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ENGINEER'S ESTIMATE	Adleta Construction, Inc. 389 S. Wayne Ave. Cincinnati, OH 45215 Phone (513) 554-1469 estimating@adletaconstruction.com	Barrett Paving Materials, Inc. 3751 Commerce Drive Franklin, OH 45005 Phone (513) 422-4622 Fax (513) 422-3336 Danielle.Ermis@barrett paving.com
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ITEM NO.	DESCRIPTION	EST. QTY.	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
DRAINAGE											
803	6" Conduit, Type B	50	FT	\$80.00	\$4,000.00	\$30.33	\$1,516.50	\$22.00	\$1,100.00		
803	10" Conduit, Type B	50	FT	\$65.00	\$3,250.00	\$100.99	\$5,049.50	\$25.00	\$1,250.00		
803	12" Conduit, Type B	1,158	FT	\$75.00	\$86,850.00	\$79.21	\$91,725.18	\$100.00	\$115,800.00		
804	Catch Basin, No. 1	29	EA	\$3,000.00	\$87,000.00	\$2,605.17	\$75,549.93	\$4,275.00	\$123,975.00		
804	Catch Basin, No. 2	14	EA	\$5,000.00	\$70,000.00	\$4,429.79	\$62,017.06	\$6,400.00	\$89,600.00		
804	Catch Basin, No. 6	1	EA	\$3,500.00	\$3,500.00	\$2,479.81	\$2,479.81	\$4,450.00	\$4,450.00		
804	Catch Basin Adjusted to Grade	2	EA	\$500.00	\$1,000.00	\$613.68	\$1,227.36	\$1,200.00	\$2,400.00		
SPEC	Rock Excavation for Storm Sewer Work	80	CY	\$50.00	\$4,000.00	\$53.21	\$4,256.80	\$100.00	\$8,000.00		
PAVEMENT											
*301	Asphalt Concrete Base, PG64-22	1,703	CY	\$125.00	\$212,875.00	\$118.65	\$202,060.95	\$145.00	\$246,935.00		
*304	Aggregate Base	2,270	CY	\$45.00	\$102,150.00	\$37.50	\$85,125.00	\$66.00	\$149,820.00		
407	Tack Coat (0.10 GAL/SY)	2,043	GAL	\$2.00	\$4,086.00	\$2.10	\$4,290.30	\$3.25	\$6,639.75		
407	Non-Tracking Tack Coat (0.10 GAL/SY)	2,043	GAL	\$4.00	\$8,172.00	\$2.10	\$4,290.30	\$3.25	\$6,639.75		
*441	Asphalt Concrete Surface Course, Type 1, (448), PG64-22	710	CY	\$145.00	\$102,950.00	\$135.98	\$96,545.80	\$185.00	\$131,350.00		
*441	(448)	994	CY	\$137.50	\$136,675.00	\$118.27	\$117,560.38	\$148.00	\$147,112.00		
609	Curb, Type A, Straight	7,150	FT	\$25.00	\$178,750.00	\$14.30	\$102,245.00	\$18.50	\$132,275.00		
609	Curb, Type A, Straight, As Per Plan	2,166	FT	\$25.00	\$54,150.00	\$14.30	\$30,973.80	\$18.50	\$40,071.00		
609	Curb, Type A, Radius	342	FT	\$27.00	\$9,234.00	\$18.46	\$6,313.32	\$21.50	\$7,353.00		
609	Curb, Type A, Radius, As Per Plan	159	FT	\$27.00	\$4,293.00	\$18.45	\$2,933.55	\$21.50	\$3,418.50		
WATER WORK											
839	Valve Box Adjusted to Grade	15	EA	\$225.00	\$3,375.00	\$642.14	\$9,632.10	\$635.00	\$9,525.00		
840	Fire Hydrant	1	EA	\$6,250.00	\$6,250.00	\$5,769.81	\$5,769.81	\$3,500.00	\$3,500.00		
840	Fire Hydrant Removed	1	EA	\$1,025.00	\$1,025.00	\$300.00	\$300.00	\$100.00	\$100.00		
841	3/4" Property Service with Meter Box, As Per Plan	85	EA	\$2,600.00	\$221,000.00	\$4,125.54	\$350,670.90	\$3,340.00	\$283,900.00		
841	3/4" Property Service with Meter Box, In Rock, As Per Plan	53	EA	\$3,500.00	\$185,500.00	\$4,125.54	\$218,653.62	\$3,550.00	\$188,150.00		

BROADWAY RECONSTRUCTION

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ITEM NO.	DESCRIPTION	EST. QTY.	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
SANITARY SEWER											
804	Manhole, No. 1, Type A3 (Dog House)	4	EA	\$8,500.00	\$34,000.00	\$5,245.99	\$20,983.96	\$5,500.00	\$22,000.00		
804	Manhole Adjusted to Grade	5	EA	\$1,500.00	\$7,500.00	\$575.52	\$2,877.60	\$1,250.00	\$6,250.00		
804	Manhole Reconstructed to Grade	20.6	VERT FT	\$3,000.00	\$61,800.00	\$919.31	\$18,937.79	\$1,750.00	\$36,050.00		
SPEC	Manhole Rehabilitation Using the Spray Applied Monolithic Liner	210.28	VERT FT	\$400.00	\$84,112.00	\$26.25	\$5,519.85	\$265.00	\$55,724.20		
SPEC	8" Sewer Rehabilitation Using the Cured in Place Plastic Pipe Process	671	LF	\$35.00	\$23,485.00	\$22.58	\$15,151.18	\$35.00	\$23,485.00		
SPEC	12" Sewer Rehabilitation Using the Cured in Place Plastic Pipe Process	2,169	LF	\$45.00	\$97,605.00	\$31.24	\$67,759.56	\$41.00	\$88,929.00		
SPEC	15" Sewer Rehabilitation Using the Cured in Place Plastic Pipe Process	886	LF	\$55.00	\$48,730.00	\$45.41	\$40,233.26	\$64.00	\$56,704.00		
SPEC	18" Sewer Rehabilitation Using the Cured in Place Plastic Pipe Process	664	LF	\$65.00	\$43,160.00	\$69.30	\$46,015.20	\$56.00	\$37,184.00		
SPEC	Laterals Reconnected	140	EA	\$175.00	\$24,500.00	\$57.75	\$8,085.00	\$125.00	\$17,500.00		
SPEC	Light Sewer Cleaning	4,390	LF	\$5.00	\$21,950.00	\$4.73	\$20,764.70	\$5.00	\$21,950.00		
LIGHTING											
*625	Conduit, 2", 725.052	2,071	LF	\$5.00	\$10,355.00	\$5.43	\$11,245.53	\$5.25	\$10,872.75		
625	Trench	1,895	LF	\$5.50	\$10,422.50	\$10.95	\$20,750.25	\$10.50	\$19,897.50		
*625	Trench in Paved Area	176	LF	\$33.00	\$5,808.00	\$59.54	\$10,479.04	\$56.75	\$9,988.00		
625	Pull Box Misc: 9" Round Hand Hole Installed	12	EA	\$200.00	\$2,400.00	\$217.88	\$2,614.56	\$207.50	\$2,490.00		
625	Pull Box Misc: 15" Square Hand Hole Installed	14	EA	\$200.00	\$2,800.00	\$217.88	\$3,050.32	\$207.50	\$2,905.00		
TRAFFIC CONTROL											
*630	Ground Mounted Support, No. 2 Post	500	FT	\$8.00	\$4,000.00	\$8.40	\$4,200.00	\$8.00	\$4,000.00		
*630	Ground Mounted Support, No. 3 Post	203	FT	\$9.00	\$1,827.00	\$9.45	\$1,918.35	\$9.00	\$1,827.00		
*630	Ground Mounted Support, No. 4 Post, Type S (Square Post)	72.5	FT	\$11.00	\$797.50	\$15.75	\$1,141.88	\$15.00	\$1,087.50		
630	Sign Post Reflector	17	EA	\$45.00	\$765.00	\$47.25	\$803.25	\$45.00	\$765.00		
*630	Sign Support Assembly, Pole Mounted	4	EA	\$120.00	\$480.00	\$252.00	\$1,008.00	\$240.00	\$960.00		

BROADWAY RECONSTRUCTION

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ITEM NO.	DESCRIPTION	EST. QTY.	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
TRAFFIC CONTROL cont.											
630	Sign, Flat Sheet	149.5	SF	\$19.00	\$2,840.50	\$22.05	\$3,296.48	\$21.00	\$3,139.50		
630	Sign, Flat Sheet, Type J	105	SF	\$22.00	\$2,310.00	\$24.15	\$2,535.75	\$23.00	\$2,415.00		
630	Removal of Ground Mounted Sign and Disposal	35	EA	\$20.00	\$700.00	\$21.00	\$735.00	\$20.00	\$700.00		
630	Removal of Ground Mounted Sign and Storage	18	EA	\$25.00	\$450.00	\$26.25	\$472.50	\$25.00	\$450.00		
630	Removal of Ground Mounted Sign and Reerection	1	EA	\$65.00	\$65.00	\$26.25	\$26.25	\$25.00	\$25.00		
630	Removal of Ground Mounted Post Support and Disposal	27	EA	\$30.00	\$810.00	\$31.50	\$850.50	\$30.00	\$810.00		
*644	Center Line	0.02	MILE	\$7,700.00	\$154.00	\$33,600.00	\$672.00	\$18,860.00	\$377.20		
*644	Stop Line	44	FT	\$6.75	\$297.00	\$7.35	\$323.40	\$7.50	\$330.00		
*644	Crosswalk Lnie	435	FT	\$4.50	\$1,957.50	\$3.68	\$1,600.80	\$5.40	\$2,349.00		
*644	School Symbol Marking, 96"	2	EA	\$450.00	\$900.00	\$630.00	\$1,260.00	\$455.00	\$910.00		
*647	Crosswalk Line, Type A90	160	FT	\$3.50	\$560.00	\$23.89	\$3,822.40	\$15.60	\$2,496.00		
TRAFFIC SIGNALS											
632	Detector Loop, Powerhead (5' x 25')	2	EA	\$1,200.00	\$2,400.00	\$1,286.25	\$2,572.50	\$1,225.00	\$2,450.00		
632	Loop Detector Tie In	2	EA	\$115.00	\$230.00	\$157.50	\$315.00	\$150.00	\$300.00		
MAINTENANCE OF TRAFFIC											
410	Traffic Compacted Surface, Type A or B	200	CY	\$50.00	\$10,000.00	\$175.00	\$35,000.00	\$100.00	\$20,000.00		
614	Law Enforcement Officer With Patrol	40	HR	\$85.00	\$3,400.00	\$157.50	\$6,300.00	\$75.00	\$3,000.00		
614	Detour Signing	1	LS	\$6,000.00	\$6,000.00	\$3,675.00	\$3,675.00	\$3,500.00	\$3,500.00		
614	Asphalt Concrete for Maintaining Traffic	250	CY	\$180.00	\$45,000.00	\$175.00	\$43,750.00	\$165.00	\$41,250.00		
614	Work Zone Marking Sign	6	EA	\$140.00	\$840.00	\$110.25	\$661.50	\$150.00	\$900.00		
614	Work Zone Edge Line, Class 1, 740.06, Type 1	1.66	MILE	\$6,500.00	\$10,790.00	\$1,050.00	\$1,743.00	\$6,700.00	\$11,122.00		
616	Water	16	MGAL	\$10.00	\$160.00	\$105.00	\$1,680.00	\$50.00	\$800.00		
INCIDENTALS											
614	Maintaining Traffic	1	LS	\$35,000.00	\$35,000.00	\$143,999.10	\$143,999.10	\$196,305.00	\$196,305.00		
623	Construction Layout Stakes and Surveying	1	LS	\$27,500.00	\$27,500.00	\$17,325.00	\$17,325.00	\$35,000.00	\$35,000.00		
SPEC	Preconstruction Video	1	LS	\$3,500.00	\$3,500.00	\$1,575.00	\$1,575.00	\$2,500.00	\$2,500.00		

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INCIDENTALS cont.											
1001	Premium for Owner's Protective Insurance	1	LS	\$9,000.00	\$9,000.00	\$7,500.00	\$7,500.00	\$100.00	\$100.00		
1002	Premium for Contract Performance and Payment Bond	1	LS	\$18,000.00	\$18,000.00	\$26,758.82	\$26,758.82	\$10,497.25	\$10,497.25		
GRAND TOTAL					\$2,870,313.50		\$3,590,959.69		\$3,693,500.00		
						Read as \$3,590,959.70					