

North Ohio Reconstruction
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ITEM NO.	DESCRIPTION	UNIT OF MEASURE	APPROX. QTY.	Outdoor Enterprise		Engineer's Estimate	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
201	CLEARING AND GRUBBING	LUMP	1	\$25,000.00	\$25,000.00	\$5,000.00	\$5,000.00
202	REMOVED	LUMP	1	\$15,000.00	\$15,000.00	\$20,000.00	\$20,000.00
202	WALK REMOVED	S.F.	1658	\$2.00	\$3,316.00	\$4.00	\$6,632.00
202	CURB AND GUTTER REMOVED	FT.	746	\$5.00	\$3,730.00	\$12.00	\$8,952.00
202	PIPE REMOVED	FT.	65	\$18.00	\$1,170.00	\$45.00	\$2,925.00
202	CATCH BASIN REMOVED	EACH	6	\$475.00	\$2,850.00	\$300.00	\$1,800.00
202	MANHOLE ABANDONED	EACH	4	\$1,600.00	\$6,400.00	\$1,000.00	\$4,000.00
202	VALVE BOX REMOVED	EACH	5	\$400.00	\$2,000.00	\$150.00	\$750.00
203	EXCAVATION INCLUDING EMBANKMENT CONSTRUCTION	C.Y.	881	\$45.00	\$39,645.00	\$20.00	\$17,620.00
204	SUBGRADE COMPACTION	S.Y.	3559	\$2.00	\$7,118.00	\$2.00	\$7,118.00
204	EXCAVATION OF SUBGRADE, AS PER PLAN	C.Y.	450	\$65.00	\$29,250.00	\$75.00	\$33,750.00
204	GEOGRID, AS PER PLAN	S.Y.	1400	\$5.00	\$7,000.00	\$6.00	\$8,400.00
254	PAVEMENT PLANING, ASPHALT CONCRETE	S.Y.	1862	\$8.00	\$14,896.00	\$15.00	\$27,930.00
301	3" ASPHALT CONCRETE BASE, PG. 64-22	C.Y.	150	\$250.00	\$37,500.00	\$220.00	\$33,000.00
304	AGGREGATE BASE	C.Y.	659	\$80.00	\$52,720.00	\$50.00	\$32,950.00
407	NON-TRACKING TACK COAT FOR @ 0.09 GAL./S.Y.	GAL.	658	\$12.00	\$7,896.00	\$5.00	\$3,290.00

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411	4" STABILIZED CRUSHED AGGREGATE	C.Y.	40	\$50.00	\$2,000.00	\$65.00	\$2,600.00
441	1-3/4" ASPHALT CONCRETE INTERMEDIAT E COURSE, TYPE 2, (449)	C.Y.	99	\$350.00	\$34,650.00	\$230.00	\$22,770.00
441	1-1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449)	C.Y.	135	\$350.00	\$47,250.00	\$210.00	\$28,350.00
441	2-1/2" ASPHALT CONCRETE INTERMEDIAT E COURSE, TYPE 2, (449) (ASPHALT PATH)	C.Y.	82	\$350.00	\$28,700.00	\$240.00	\$19,680.00
441	1-1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449) (ASPHALT PATH)	C.Y.	49	\$350.00	\$17,150.00	\$260.00	\$12,740.00
452	9" NON- REINFORCED CONCRETE PAVEMENT	S.Y.	94	\$103.00	\$9,682.00	\$95.00	\$8,930.00
452	6" NON- REINFORCED CONCRETE PAVEMENT	S.Y.	39	\$95.00	\$3,705.00	\$85.00	\$3,315.00
605	4" SHALLOW PIPE UNDERDRAINS , PERFORATED	FT.	690	\$17.00	\$11,730.00	\$16.00	\$11,040.00
608	4" CONCRETE WALK	S.F.	2572	\$9.00	\$23,148.00	\$10.00	\$25,720.00
608	CURB RAMP	S.F.	580	\$18.00	\$10,440.00	\$26.00	\$15,080.00
609	COMBINATION CURB AND GUTTER, TYPE 2	FT.	690	\$35.00	\$24,150.00	\$26.00	\$17,940.00

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609	TYPE 6 BARRIER CURB	FT.	1050	\$23.00	\$24,150.00	\$18.00	\$18,900.00
609	CURB AND GUTTER, REPLACED IN- KIND	FT.	112	\$46.00	\$5,152.00	\$30.00	\$3,360.00
611	4" CONDUIT, TYPE E	FT.	80	\$6.00	\$480.00	\$30.00	\$2,400.00
611	4" CONDUIT, TYPE B, 707.45, STORM REPAIR	FT.	50	\$48.00	\$2,400.00	\$30.00	\$1,500.00
611	6" CONDUIT, TYPE B, 707.45, STORM REPAIR	FT.	50	\$51.00	\$2,550.00	\$32.00	\$1,600.00
611	8" CONDUIT, TYPE B, 707.45, STORM REPAIR	FT.	50	\$57.00	\$2,850.00	\$36.00	\$1,800.00
611	12" RCP STORM SEWER	FT.	171	\$83.00	\$14,193.00	\$85.00	\$14,535.00
611	15" RCP STORM SEWER	FT.	49	\$107.00	\$5,243.00	\$95.00	\$4,655.00
611	CATCH BASIN RECONSTRUC TED TO GRADE	EACH	1	\$1,500.00	\$1,500.00	\$500.00	\$500.00
611	CATCH BASIN TYPE 1	EACH	6	\$2,650.00	\$15,900.00	\$2,500.00	\$15,000.00
611	CATCH BASIN TYPE 1A	EACH	1	\$4,960.00	\$4,960.00	\$3,500.00	\$3,500.00
611	CATCH BASIN 2-2B	EACH	1	\$2,042.00	\$2,042.00	\$2,500.00	\$2,500.00
611	TYPE 3 STORM MANHOLE	EACH	1	\$1,750.00	\$1,750.00	\$3,500.00	\$3,500.00
611	SANITARY MANHOLE RECONSTRUC TED TO GRADE	EACH	2	\$1,750.00	\$3,500.00	\$1,500.00	\$3,000.00
613	LOW STRENGTH MORTAR BACKFILL	C.Y.	102	\$160.00	\$16,320.00	\$120.00	\$12,240.00
614	MAINTAINING TRAFFIC	LUMP	1	\$60,000.00	\$60,000.00	\$25,000.00	\$25,000.00
614	DETOUR SIGNING	LUMP	1	\$2,750.00	\$2,750.00	\$5,000.00	\$5,000.00

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623	MONUMENT ASSEMBLY	EACH	1	\$283.00	\$283.00	\$1,500.00	\$1,500.00
624	MOBILIZATION	LUMP	1	\$50,000.00	\$50,000.00	\$15,000.00	\$15,000.00
625	BRACKET ARM, 15', AS PER PLAN	EACH	3	\$880.00	\$2,640.00	\$1,500.00	\$4,500.00
625	CONDUIT, 2", 725.051, AS PER PLAN	FT.	24	\$52.00	\$1,248.00	\$25.00	\$600.00
625	CONDUIT, 3", 725.051, AS PER PLAN	FT.	20	\$62.00	\$1,240.00	\$35.00	\$700.00
625	CONDUIT, 4", 725.051, AS PER PLAN	FT.	12	\$66.00	\$792.00	\$55.00	\$660.00
625	CONDUIT, JACKED OR DRILLED, 725.052, AS PER PLAN, 3"	FT.	149	\$40.00	\$5,960.00	\$50.00	\$7,450.00
625	CONDUIT, JACKED OR DRILLED, 725.052, AS PER PLAN, 4"	FT.	118	\$52.00	\$6,136.00	\$55.00	\$6,490.00
625	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN	EACH	3	\$578.00	\$1,734.00	\$1,500.00	\$4,500.00
625	PULL BOX, 725.08, 18"	EACH	3	\$1,210.00	\$3,630.00	\$1,000.00	\$3,000.00
625	PULL BOX, 725.08, 24"	EACH	1	\$1,430.00	\$1,430.00	\$1,250.00	\$1,250.00
625	GROUND ROD	EACH	5	\$303.00	\$1,515.00	\$300.00	\$1,500.00
630	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	EACH	3	\$22.00	\$66.00	\$30.00	\$90.00
630	REMOVAL OF GROUND MOUNTED SIGN AND RELOCATION	EACH	1	\$156.00	\$156.00	\$30.00	\$30.00
630	REMOVAL OF GROUND MOUNTED POST AND DISPOSAL	EACH	5	\$65.00	\$325.00	\$30.00	\$150.00

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630	GROUND MOUNTED SUPPORT, NO. 3 POST	FT.	78.5	\$18.00	\$1,413.00	\$25.00	\$1,962.50
630	SIGN HANGER ASSEMBLY, MAST ARM, AS PER PLAN	EACH	9	\$454.00	\$4,086.00	\$550.00	\$4,950.00
630	SIGN SUPPORT ASSEMBLY, POLE MOUNTED, AS PER PLAN	EACH	8	\$330.00	\$2,640.00	\$550.00	\$4,400.00
630	SIGN, FLAT SHEET	S.F.	78.25	\$33.00	\$2,582.25	\$55.00	\$4,303.75
630	SIGN, STREET NAME, AS PER PLAN	EACH	5	\$203.00	\$1,015.00	\$700.00	\$3,500.00
632	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, BLACK	EACH	5	\$1,500.00	\$7,500.00	\$1,000.00	\$5,000.00
632	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, BLACK	EACH	5	\$2,180.00	\$10,900.00	\$1,600.00	\$8,000.00
632	PEDESTRIAN SIGNAL HEAD, (LED), TYPE D2, COUNTDOWN, AS PER PLAN	EACH	4	\$880.00	\$3,520.00	\$700.00	\$2,800.00
632	COVERING OF VEHICULAR SIGNAL HEAD	EACH	10	\$68.00	\$680.00	\$50.00	\$500.00
632	COVERING OF PEDESTRIAN SIGNAL HEAD	EACH	4	\$44.00	\$176.00	\$50.00	\$200.00
632	PEDESTRIAN PUSHBUTTON, AS PER PLAN	EACH	4	\$396.00	\$1,584.00	\$500.00	\$2,000.00

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632	SIGNAL CABLE, 3-CONDUCTOR, NO. 14 AWG.	FT.	520	\$3.00	\$1,560.00	\$2.50	\$1,300.00
632	SIGNAL CABLE, 5-CONDUCTOR, NO. 14 AWG.	FT.	535	\$3.00	\$1,605.00	\$3.25	\$1,738.75
632	SIGNAL CABLE, 7-CONDUCTOR, NO. 14 AWG.	FT.	1055	\$3.30	\$3,481.50	\$3.75	\$3,956.25
632	SIGNAL CABLE, 3-CONDUCTOR, NO. 12 AWG.	FT.	580	\$4.00	\$2,320.00	\$3.25	\$1,885.00
632	SIGNAL SUPPORT FOUNDATION, AS PER PLAN	EACH	3	\$1,340.50	\$4,021.50	\$7,000.00	\$21,000.00
632	PEDESTAL FOUNDATION	EACH	1	\$1,100.00	\$1,100.00	\$1,250.00	\$1,250.00
632	SERVICE CABLE, 3-CONDUCTOR, NO. 6 AWG.	FT.	70	\$14.00	\$980.00	\$8.00	\$560.00
632	POWER SERVICE, AS PER PLAN	EACH	1	\$847.00	\$847.00	\$4,500.00	\$4,500.00
632	COMBINATION SIGNAL SUPPORT, TYPE TC-12.31 DESIGN 12 POLE, WITH MAST ARMS TC-81.22 DESIGN 14 AND DESIGN 13, AS PER PLAN	EACH	1	\$60,000.00	\$60,000.00	\$32,500.00	\$32,500.00
632	COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 4, AS PER PLAN	EACH	1	\$25,000.00	\$25,000.00	\$20,500.00	\$20,500.00
632	COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 12, AS PER PLAN	EACH	1	\$30,000.00	\$30,000.00	\$22,500.00	\$22,500.00

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632	PEDESTAL, 8', TRANSFORMER BASE, AS PER PLAN	EACH	1	\$1,000.00	\$1,000.00	\$2,250.00	\$2,250.00
632	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN	LUMP	1	\$3,000.00	\$3,000.00	\$3,500.00	\$3,500.00
633	CABINET, TYPE TS-2, AS PER PLAN	EACH	1	\$22,000.00	\$22,000.00	\$17,000.00	\$17,000.00
633	CABINET FOUNDATION	EACH	1	\$4,500.00	\$4,500.00	\$2,250.00	\$2,250.00
633	CONTROLLER WORK PAD, AS PER PLAN	EACH	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
633	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN	EACH	1	\$6,200.00	\$6,200.00	\$6,500.00	\$6,500.00
638	4" PVC C-900 DR-18 WATER MAIN	FT.	32	\$123.00	\$3,936.00	\$80.00	\$2,560.00
638	6" PVC C-900 DR-18 WATER MAIN	FT.	96	\$110.00	\$10,560.00	\$90.00	\$8,640.00
638	8" PVC C-900 DR-18 WATER MAIN	FT.	388	\$111.00	\$43,068.00	\$110.00	\$42,680.00
638	16" PVC C-900 DR-18 WATER MAIN	FT.	509	\$275.00	\$139,975.00	\$150.00	\$76,350.00
638	16" WATER MAIN, DIRECTIONAL DRILLED	FT.	385	\$285.00	\$109,725.00	\$275.00	\$105,875.00
638	4" GATE VALVE AND VALVE BOX	EACH	2	\$1,400.00	\$2,800.00	\$2,000.00	\$4,000.00
638	6" GATE VALVE AND VALVE BOX	EACH	1	\$1,600.00	\$1,600.00	\$2,000.00	\$2,000.00
638	8" GATE VALVE AND VALVE BOX	EACH	5	\$5,000.00	\$25,000.00	\$4,000.00	\$20,000.00
638	16" GATE VALVE AND VALVE BOX	EACH	6	\$11,000.00	\$66,000.00	\$8,000.00	\$48,000.00

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638	1" WATER SERVICE BRANCH, AS PER PLAN	FT.	157	\$70.00	\$10,990.00	\$75.00	\$11,775.00
638	6" FIRE HYDRANT ASSEMBLY, AS PER PLAN	EACH	3	\$15,000.00	\$45,000.00	\$6,000.00	\$18,000.00
638	FIRE HYDRANT ASSEMBLY REMOVED	EACH	1	\$1,185.00	\$1,185.00	\$1,500.00	\$1,500.00
638	SAMPLING STATION	EACH	2	\$3,700.00	\$7,400.00	\$5,000.00	\$10,000.00
644	EDGE LINE	MILE	0.12	\$12,000.00	\$1,440.00	\$10,000.00	\$1,200.00
644	CENTER LINE	MILE	0.12	\$13,000.00	\$1,560.00	\$10,000.00	\$1,200.00
644	CHANNELIZING LINE, 8"	FT.	360	\$3.00	\$1,080.00	\$9.00	\$3,240.00
644	BROKEN WHITE LANE LINE, 6"	FT.	153	\$2.00	\$306.00	\$8.00	\$1,224.00
644	DOTTED LANE LINE, 4" (WHITE)	FT.	115	\$1.00	\$115.00	\$6.00	\$690.00
644	STOP LINE	FT.	138	\$12.00	\$1,656.00	\$10.00	\$1,380.00
644	TRANSVERSE LINE	FT.	42	\$9.00	\$378.00	\$12.00	\$504.00
644	CROSSWALK LINE	FT.	252	\$7.00	\$1,764.00	\$4.00	\$1,008.00
644	LANE ARROW	EACH	7	\$101.00	\$707.00	\$200.00	\$1,400.00
659	SEEDING AND MULCHING, CLASS 1, AS PER PLAN	S.Y.	3000	\$2.00	\$6,000.00	\$5.00	\$15,000.00
809	STOP-LINE RADAR DETECTION, AS PER PLAN	EACH	4	\$15,000.00	\$60,000.00	\$8,250.00	\$33,000.00
809	ATC CONTROLLER, AS PER PLAN	EACH	1	\$6,200.00	\$6,200.00	\$7,000.00	\$7,000.00
832	EROSION CONTROL	EACH	10000	\$1.00	\$10,000.00	\$1.00	\$10,000.00
SPEC	REMOVE PIPE AND PLUG EXISTING TEE, AS PER PLAN	EACH	1	\$2,400.00	\$2,400.00	\$1,500.00	\$1,500.00
SPEC	CUT AND PLUG, TYPE 2, AS PER PLAN	EACH	6	\$1,600.00	\$9,600.00	\$1,000.00	\$6,000.00

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SPEC	MASTER METER AND BACKFLOW ENCLOSURE	LUMP	1	\$70,000.00	\$70,000.00	\$50,000.00	\$50,000.00
SPEC	BRIDGE REHABILITATION, AS PER PLAN	EACH	13	\$870.00	\$11,310.00	\$900.00	\$11,700.00
SPEC	CIPP LINING OF EXISTING 12" SEWER LINE	FT.	401	\$53.00	\$21,253.00	\$65.00	\$26,065.00
SPEC	CIPP LINING OF EXISTING 15" SEWER LINE	FT.	87	\$121.00	\$10,527.00	\$70.00	\$6,090.00
SPEC	CIPP LINING OF EXISTING 24" SEWER LINE	FT.	1078	\$125.00	\$134,750.00	\$90.00	\$97,020.00
SPEC	SANITARY MANHOLE PROTECTIVE LINING SYSTEM	EACH	8	\$2,000.00	\$16,000.00	\$3,500.00	\$28,000.00
Total Bid Price Alternate/Base Bid				\$1,749,987.25		\$1,385,099.25	

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