

CITY OF KALAMAZOO BID TAB

Bid Opening: January 17, 2024 @ 3:30 p.m.

Bid Ref #: 91396-020.0

Attended by: Philip Doorlag - Wightman, Michael Osminski - Hoffman Bros

Opened by: Nicole Kling

Recorded by: Kyle Dunn

THIS IS NOT AN ORDER

Streets for All: Michikal Street Improvements

	Hoffman Bros	
CATEGORY	TOTAL PRICE	TOTAL PRICE
Base Bid Grand Total	\$ 5,908,778.21	
Alternate A Grand Total	\$ 5,608,695.04	
Alternate B Grand Total	\$ 256,467.90	
Alternate C Grand Total	\$ 119,766.38	

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ITEM	QTY	UNIT	Hoffman Bros	
			UNIT PRICE	EXTENDED PRICE
Mobilization, Max \$330,000	1	LSUM	\$ 330,000.00	\$ 330,000.00
Tree, Rem, 19 inch to 36 inch	10	EA	\$ 1,100.00	\$ 11,000.00
Tree, Rem, 37 inch or Larger	2	EA	\$ 2,100.00	\$ 4,200.00
Tree, Rem, 6 inch to 18 inch	24	EA	\$ 285.00	\$ 6,840.00
Dr Structure, Rem	32	EA	\$ 255.96	\$ 8,190.72
Sewer, Rem, Less than 24 inch	1660	FT	\$ 54.38	\$ 90,270.80
Curb and Gutter, Rem	6565	FT	\$ 6.01	\$ 39,455.65
Fence, Rem	1055	FT	\$ 5.31	\$ 5,602.05
Guardrail, Rem	90	FT	\$ 10.23	\$ 920.70
Masonry and Conc Structure, Rem	100	CYD	\$ 82.18	\$ 8,218.00
Sidewalk, Rem	1220	SYD	\$ 14.05	\$ 17,141.00
Exploratory Investigation, Vertical	120	FT	\$ 46.71	\$ 5,605.20
Pavt, Rem, Modified	15450	SYD	\$ 24.87	\$ 384,241.50
Subgrade Undercutting, Type II	1000	CYD	\$ 0.01	\$ 10.00
Machine Grading, Modified	21	STA	\$ 27,254.25	\$ 572,339.25
Erosion Control, Inlet Protection, Fabric Drop	82	EA	\$ 119.20	\$ 9,774.40
Erosion Control, Silt Fence	500	FT	\$ 3.79	\$ 1,895.00
Subbase, CIP	5685	CYD	\$ 40.93	\$ 232,687.05
Aggregate Base, 8 Inch, Modified	14900	SYD	\$ 15.63	\$ 232,887.00
Maintenance Gravel	1500	TON	\$ 41.61	\$ 62,415.00
Sewer, Cl E, 12 inch, Tr Det B	1980	FT	\$ 213.62	\$ 422,967.60
Sewer, Cl E, 15 inch, Tr Det B	20	FT	\$ 200.10	\$ 4,002.00
Sewer, Cl E, 18 inch, Tr Det B	190	FT	\$ 218.77	\$ 41,566.30
Sewer Tap, 6 inch	2	EA	\$ 561.14	\$ 1,122.28
Sewer Tap, 12 inch	5	EA	\$ 561.14	\$ 2,805.70
Sewer Tap, 15 inch	2	EA	\$ 561.14	\$ 1,122.28
Sewer Tap, 18 inch	2	EA	\$ 561.14	\$ 1,122.28

Dr Structure Cover, Adj, Case 2	3	EA	\$ 210.20	\$ 630.60
Dr Structure Cover, Type D	2	EA	\$ 2,525.46	\$ 5,050.92
Dr Structure Cover, Type G	1	EA	\$ 1,264.30	\$ 1,264.30
Dr Structure Cover, Type K	32	EA	\$ 1,986.26	\$ 63,560.32
Dr Structure, 24 inch dia	12	EA	\$ 2,010.79	\$ 24,129.48
Dr Structure, 48 inch dia	23	EA	\$ 3,145.21	\$ 72,339.83
Dr Structure, 60 inch dia	1	EA	\$ 4,341.10	\$ 4,341.10
Dr Structure, Adj, Add Depth	10	FT	\$ 222.45	\$ 2,224.50
Dr Structure, Tap, 12 inch	2	EA	\$ 561.14	\$ 1,122.28
Dr Structure Cover, Adj, Case 1, Modified	13	EA	\$ 1,026.14	\$ 13,339.82
Dr Structure Cover, Type B, Modified	9	EA	\$ 3,405.78	\$ 30,652.02
Dr Structure Cover, Type Q, Modified	11	EA	\$ 3,402.54	\$ 37,427.94
HMA Surface, Rem	3910	SYD	\$ 4.25	\$ 16,617.50
Hand Patching	120	TON	\$ 197.79	\$ 23,734.80
HMA Approach	85	TON	\$ 150.00	\$ 12,750.00
HMA, 3EML	2250	TON	\$ 89.50	\$ 201,375.00
HMA, 4EML	1605	TON	\$ 100.00	\$ 160,500.00
HMA, 5EML	1170	TON	\$ 100.00	\$ 117,000.00
Conc Base Cse, Nonreinf, 6 inch	15	SYD	\$ 38.53	\$ 577.95
Conc Pavt, Misc, Nonreinf, 6 inch	50	SYD	\$ 55.06	\$ 2,753.00
Conc Pavt, Decorative, Nonreinf, 4 inch	20	SYD	\$ 49.83	\$ 996.60
Driveway, Nonreinf Conc, 6 inch	130	SYD	\$ 51.56	\$ 6,702.80
Curb and Gutter, Conc, Det C4	4140	FT	\$ 23.84	\$ 98,697.60
Curb and Gutter, Conc, Det F2	165	FT	\$ 32.86	\$ 5,421.90
Driveway Opening, Conc, Det M	150	FT	\$ 32.06	\$ 4,809.00
Detectable Warning Surface	255	FT	\$ 40.00	\$ 10,200.00
Curb Ramp Opening, Conc	325	FT	\$ 28.53	\$ 9,272.25
Sidewalk, Conc, 4 inch	13370	SFT	\$ 4.77	\$ 63,774.90
Sidewalk, Conc, 6 inch	1870	SFT	\$ 4.97	\$ 9,293.90
Curb Ramp, Conc, 6 inch	2805	SFT	\$ 6.93	\$ 19,438.65
Curb Slp, HMA	425	FT	\$ 2.00	\$ 850.00
Delineator, Reflective Sheeting, 3 inch by 12 inc	52	EA	\$ 4.50	\$ 234.00
Perforated Steel Square Tube Breakaway System	2	EA	\$ 875.00	\$ 1,750.00
Post, Steel, 3 pound	380	FT	\$ 8.50	\$ 3,230.00
Sign, Type III, Rem	35	EA	\$ 20.00	\$ 700.00
Sign, Type IIIA	85	SFT	\$ 18.50	\$ 1,572.50
Sign, Type IIIB	90	SFT	\$ 18.50	\$ 1,665.00
Sign, Type IIIC	20	SFT	\$ 18.50	\$ 370.00

Post, Flexible, Delineator, Surface Mtd, 36 inch	52	EA	\$ 85.00	\$ 4,420.00
Pavt Mrkg, Waterborne, 6 inch, White	3330	FT	\$ 0.30	\$ 999.00
Pavt Mrkg, Waterborne, 6 inch, Yellow	5400	FT	\$ 0.30	\$ 1,620.00
Rem Spec Mrkg	540	SFT	\$ 2.65	\$ 1,431.00
Pavt Mrkg, Waterborne, For On-Street Parking,	795	FT	\$ 1.95	\$ 1,550.25
Pavt Mrkg, 24in Crosswalk, Special	300	FT	\$ 7.00	\$ 2,100.00
Pavt Mrkg, Waterborne, 24 inch, Stop Bar	305	FT	\$ 7.00	\$ 2,135.00
Pavt Mrkg, Waterborne, 12 inch, Cross Hatching	1555	FT	\$ 3.50	\$ 5,442.50
Pavt Mrkg, Waterborne, 12 inch, Cross Hatching	770	FT	\$ 3.50	\$ 2,695.00
Pavt Mrkg, Waterborne, 12 inch, Yellow, Curb P	80	FT	\$ 3.00	\$ 240.00
Pavt Mrkg, Waterborne, 6 inch, Solid Turning G	60	FT	\$ 5.00	\$ 300.00
Pavt Mrkg, Waterborne, 6 inch, Dotted Thru Gu	65	FT	\$ 5.00	\$ 325.00
Pavt Mrkg, Waterborne, Only	9	EA	\$ 55.00	\$ 495.00
Pavt Mrkg, Waterborne, Rt Turn Arrow Sym	5	EA	\$ 55.00	\$ 275.00
Pavt Mrkg, Waterborne, Lt Turn Arrow Sym	3	EA	\$ 55.00	\$ 165.00
Pavt Mrkg, Waterborne, Thru Arrow Sym	4	EA	\$ 45.00	\$ 180.00
Pavt Mrkg, Waterborne, Thru and Rt Turn Arro	2	EA	\$ 65.00	\$ 130.00
Pavt Mrkg, Waterborne, Accessible Sym	2	EA	\$ 55.00	\$ 110.00
Barricade, Type III, High Intensity, Double Side	50	EA	\$ 132.00	\$ 6,600.00
Barricade, Type III, High Intensity, Double Side	50	EA	\$ 1.00	\$ 50.00
Pedestrian Type II Barricade, Temp	30	EA	\$ 75.00	\$ 2,250.00
Channelizing Device, 42 inch, Fluorescent, Furn	350	EA	\$ 19.00	\$ 6,650.00
Channelizing Device, 42 inch, Fluorescent, Oper	350	EA	\$ 1.00	\$ 350.00
Conc Barrier, Temp, Furn	30	FT	\$ 106.42	\$ 3,192.60
Conc Barrier, Temp, Oper	30	FT	\$ 62.35	\$ 1,870.50
Lighted Arrow, Type C, Furn	4	EA	\$ 882.00	\$ 3,528.00
Lighted Arrow, Type C, Oper	4	EA	\$ 1.00	\$ 4.00
Minor Traf Devices	1	LSUM	\$ 831,162.14	\$ 831,162.14
Pavt Mrkg, Longit, 6 inch or Less Width, Rem	800	FT	\$ 0.75	\$ 600.00
Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	90	FT	\$ 6.00	\$ 540.00
Pavt Mrkg, Type NR, Paint, Lt Turn Arrow	4	EA	\$ 80.00	\$ 320.00
Pavt Mrkg, Type NR, Paint, Rt Turn Arrow	5	EA	\$ 80.00	\$ 400.00
Pavt Mrkg, Type NR, Paint, Thru Arrow	5	EA	\$ 70.00	\$ 350.00
Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 in	250	FT	\$ 0.50	\$ 125.00
Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 in	1075	FT	\$ 0.50	\$ 537.50
Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch	150	FT	\$ 1.95	\$ 292.50
Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch	140	FT	\$ 1.95	\$ 273.00
Plastic Drum, Fluorescent, Furn	100	EA	\$ 26.00	\$ 2,600.00

Plastic Drum, Fluorescent, Oper	100	EA	\$ 1.00	\$ 100.00
Sign Cover	50	EA	\$ 10.00	\$ 500.00
Sign, Portable, Changeable Message, Furn	4	EA	\$ 3,980.00	\$ 15,920.00
Sign, Portable, Changeable Message, Oper	4	EA	\$ 300.00	\$ 1,200.00
Sign, Type B, Temp, Prismatic, Furn	1200	SFT	\$ 5.00	\$ 6,000.00
Sign, Type B, Temp, Prismatic, Oper	1200	SFT	\$ 0.25	\$ 300.00
Sign, Type B, Temp, Prismatic, Spec, Furn	300	SFT	\$ 7.00	\$ 2,100.00
Sign, Type B, Temp, Prismatic, Spec, Oper	300	SFT	\$ 0.25	\$ 75.00
Traf Regulator Control	1	LSUM	\$ 150,000.00	\$ 150,000.00
Site Preparation, Max	5000	LSUM	\$ 1.00	\$ 5,000.00
Watering and Cultivating, First Season, Min	5000	LSUM	\$ 1.00	\$ 5,000.00
Celtis occidentalis 'Chicagoland', 4 inch	3	EA	\$ 1,440.00	\$ 4,320.00
Corylus colurna, 4 inch	3	EA	\$ 1,590.00	\$ 4,770.00
Ginkgo biloba 'Autumn Gold', 4 inch	6	EA	\$ 1,630.00	\$ 9,780.00
Liriodendron tulipifera, 4 inch	2	EA	\$ 1,490.00	\$ 2,980.00
Platanus acerifolia 'Morton Circle', 4 inch	3	EA	\$ 1,455.00	\$ 4,365.00
Quercus alba, 4 inch	4	EA	\$ 1,490.00	\$ 5,960.00
Quercus muehlenbergii, 4 inch	3	EA	\$ 1,490.00	\$ 4,470.00
Tilia americana 'Redmond', 4 inch	6	EA	\$ 1,515.00	\$ 9,090.00
Ulmus americana 'Valley Forge', 4 inch	3	EA	\$ 1,505.00	\$ 4,515.00
Slope Restoration, Non-Freeway, Type B	10850	SYD	\$ 7.48	\$ 81,158.00
Power Company (Estimated Cost to Contractor)	500	DLR	\$ 1.00	\$ 500.00
Conduit, Directional Bore, 2, 3 inch	400	FT	\$ 39.90	\$ 15,960.00
Conduit, DB, 1, 1 1/2 inch	490	FT	\$ 18.13	\$ 8,883.70
Conduit, DB, 1, 3 inch	1375	FT	\$ 15.74	\$ 21,642.50
Conduit, DB, 3, 3 inch	65	FT	\$ 56.92	\$ 3,699.80
Conduit, DB, 4, 3 inch	10	FT	\$ 76.73	\$ 767.30
Cable, Sec, 600V, 1, 3/C#6	50	FT	\$ 6.26	\$ 313.00
Hh, Polymer Conc	2	EA	\$ 895.63	\$ 1,791.26
Hh, Round	2	EA	\$ 1,649.56	\$ 3,299.12
Hh, Round, 3 foot dia	4	EA	\$ 3,189.60	\$ 12,758.40
Serv Disconnect, Rem	1	EA	\$ 105.69	\$ 105.69
Conduit, DB, 1, 2 inch	2570	FT	\$ 12.53	\$ 32,202.10
Conduit, 1 1/4 inch, innerduct	1320	FT	\$ 8.35	\$ 11,022.00
Light Std Arm, 8 foot	4	EA	\$ 1,174.17	\$ 4,696.68
Light Std Arm, Rem	1	EA	\$ 104.39	\$ 104.39
Light Std Fdn, Rem	1	EA	\$ 527.25	\$ 527.25
Light Std Shaft, Rem	1	EA	\$ 362.79	\$ 362.79

Luminaire, Roadway	4	EA	\$ 900.77	\$ 3,603.08
Case Sign, Rem	1	EA	\$ 105.69	\$ 105.69
Case Sign (LED), One Way, 24 inch by 30 inch	4	EA	\$ 2,470.43	\$ 9,881.72
Controller and Cabinet, Rem	1	EA	\$ 161.81	\$ 161.81
Controller Fdn, Base Mtd	1	EA	\$ 2,679.16	\$ 2,679.16
Controller Fdn, Rem	1	EA	\$ 310.57	\$ 310.57
Fdn, Rem	3	EA	\$ 819.47	\$ 2,458.41
Pedestal, Alum	6	EA	\$ 1,195.11	\$ 7,170.66
Pedestal, Fdn	8	EA	\$ 831.18	\$ 6,649.44
Pedestal Fdn, Rem	2	EA	\$ 181.40	\$ 362.80
Pedestal, Rem	2	EA	\$ 105.69	\$ 211.38
Pedestal, Underground Serv, Metered	1	EA	\$ 5,771.04	\$ 5,771.04
Pedestal, Pushbutton, Alum	2	EA	\$ 808.62	\$ 1,617.24
Push Button Station and Sign	8	EA	\$ 1,491.84	\$ 11,934.72
Span Wire, Rem	2	EA	\$ 148.75	\$ 297.50
Steel Pole, Rem	3	EA	\$ 330.15	\$ 990.45
TS, Pedestrian, Bracket Arm Mtd, Rem	3	EA	\$ 105.69	\$ 317.07
TS, Pedestrian, Pedestal Mtd, Rem	2	EA	\$ 105.69	\$ 211.38
TS, Span Wire Mtd, Rem	7	EA	\$ 130.49	\$ 913.43
Pedestrian Signal System, Accessible	1	EA	\$ 4,560.59	\$ 4,560.59
TS, Wireless Link, 5 Gigahertz, Master	2	EA	\$ 4,696.34	\$ 9,392.68
TS, One Way Mast Arm Mtd, FYA (LED)	4	EA	\$ 1,796.69	\$ 7,186.76
TS, One Way Bracket Arm Mtd (LED)	4	EA	\$ 1,787.53	\$ 7,150.12
TS, Pedestrian, One Way Bracket Arm Mtd (LED)	2	EA	\$ 1,548.18	\$ 3,096.36
TS, Pedestrian, One Way Pedestal Mtd (LED) C	6	EA	\$ 1,600.85	\$ 9,605.10
TS, One Way Mast Arm Mtd (LED)	7	EA	\$ 1,594.31	\$ 11,160.17
TS, Antenna, Rem Yagi Antenna	2	EA	\$ 105.69	\$ 211.38
TS Head, Adj	5	EA	\$ 725.50	\$ 3,627.50
TS Head, Temp	3	EA	\$ 901.37	\$ 2,704.11
TS Face, Bag	15	EA	\$ 105.69	\$ 1,585.35
TS Face, Bag, Rem	15	EA	\$ 105.69	\$ 1,585.35
Casing	64	FT	\$ 258.56	\$ 16,547.84
Backplate, TS	13	EA	\$ 257.17	\$ 3,343.21
Mast Arm Pole, Cat II	4	EA	\$ 12,265.40	\$ 49,061.60
Mast Arm, 50 foot, Cat II	4	EA	\$ 23,711.72	\$ 94,846.88
Mast Arm Pole Fdn, 6 Bolt	76	FT	\$ 495.23	\$ 37,637.48
Controller Cabinet, Modified	1	EA	\$ 29,268.89	\$ 29,268.89
Controller, ATC Type, Classic	1	EA	\$ 4,683.39	\$ 4,683.39

Ethernet Switch with SFPs	1	EA	\$ 1,535.43	\$ 1,535.43
Street Name Sign, Two Way, LED Illuminated 6	4	EA	\$ 3,908.02	\$ 15,632.08
Traffic Signal Power Backup System	1	EA	\$ 10,611.35	\$ 10,611.35
TS, One Way Mast Arm Mtd, Five Sect (LED)	5	EA	\$ 2,548.57	\$ 12,742.85
Universal Camera Bracket and Extension	5	EA	\$ 621.32	\$ 3,106.60
Video Detection Camera	4	EA	\$ 4,015.75	\$ 16,063.00
Video Detection System	1	EA	\$ 26,680.24	\$ 26,680.24
Polyethylene Encasement	615	FT	\$ 0.74	\$ 455.10
Water Main, DI, 4 inch, Tr Det G	30	FT	\$ 237.37	\$ 7,121.10
Water Main, DI, 6 inch, Tr Det G	95	FT	\$ 197.71	\$ 18,782.45
Water Main, DI, 8 inch, Tr Det G	115	FT	\$ 213.04	\$ 24,499.60
Water Main, DI, 16 inch, Tr Det G	370	FT	\$ 796.90	\$ 294,853.00
Water Main, DI, 24 inch, Tr Det G	5	FT	\$ 1,147.86	\$ 5,739.30
Copper Water Service Pipe, 1 1/4 inch	100	FT	\$ 106.85	\$ 10,685.00
Insulation Board, 2 inch	100	SFT	\$ 4.46	\$ 446.00
Gate Box, Adj, Case 1, Modified	1	EA	\$ 674.95	\$ 674.95
Gate Box, Adj, Case 2	1	EA	\$ 328.03	\$ 328.03
Water Shutoff, Adj, Case 2	1	EA	\$ 355.85	\$ 355.85
Water Shutoff, Adj, Case 1	1	EA	\$ 355.85	\$ 355.85
Gate Valve and Box, 4 inch	2	EA	\$ 3,393.04	\$ 6,786.08
Gate Valve and Box, 6 inch	3	EA	\$ 3,651.90	\$ 10,955.70
Gate Valve and Box, 8 inch	4	EA	\$ 4,755.59	\$ 19,022.36
Butterfly Valve and Box, 16 inch, Modified - Ins	4	EA	\$ 3,503.84	\$ 14,015.36
Butterfly Valve and Box, 24 inch	1	EA	\$ 21,151.01	\$ 21,151.01
Fire Hydrant	1	EA	\$ 12,974.06	\$ 12,974.06
Connect to Existing Main, 4 inch	3	EA	\$ 5,256.74	\$ 15,770.22
Connect to Existing Main, 6 inch	3	EA	\$ 5,397.21	\$ 16,191.63
Connect to Existing Main, 8 inch	1	EA	\$ 5,563.77	\$ 5,563.77
Water Main, 4 inch, Cut and Plug	3	EA	\$ 779.03	\$ 2,337.09
Water Main, 6 inch, Cut and Plug	3	EA	\$ 1,162.53	\$ 3,487.59
Water Main, 8 inch, Cut and Plug	1	EA	\$ 1,582.15	\$ 1,582.15
Water Main Line Stop, 4 inch	6	EA	\$ 6,307.61	\$ 37,845.66
Water Main Line Stop, 6 inch	6	EA	\$ 6,557.61	\$ 39,345.66
Water Main Line Stop, 8 inch	2	EA	\$ 6,807.61	\$ 13,615.22
Water Service, 1 1/4 inch	2	EA	\$ 1,169.91	\$ 2,339.82
Water Service Encasement	100	FT	\$ 0.74	\$ 74.00
Meter Box	2	EA	\$ 1,080.13	\$ 2,160.26
Corporation Stop Shutoff	2	EA	\$ 366.04	\$ 732.08

Fiber Optic, Hardware Assembly, Small, Modified	24	EA	\$ 52.19	\$ 1,252.56
Fiber Optic, Pigtail, Modified	1	EA	\$ 3,131.65	\$ 3,131.65
Compact Ductile Iron Fittings	3500	LB	\$ 6.73	\$ 23,555.00
Base Bid Grand Total			\$	5,908,778.21

ITEM	QTY	UNIT	UNIT PRICE	EXTENDED PRICE
Mobilization, Max \$320,000	1	LSUM	\$ 320,000.00	\$ 320,000.00
Tree, Rem, 19 inch to 36 inch	10	EA	\$ 1,100.00	\$ 11,000.00
Tree, Rem, 37 inch or Larger	2	EA	\$ 2,100.00	\$ 4,200.00
Tree, Rem, 6 inch to 18 inch	24	EA	\$ 285.00	\$ 6,840.00
Dr Structure, Rem	32	EA	\$ 255.96	\$ 8,190.72
Sewer, Rem, Less than 24 inch	1660	FT	\$ 54.38	\$ 90,270.80
Curb and Gutter, Rem	6565	FT	\$ 6.07	\$ 39,849.55
Fence, Rem	1055	FT	\$ 5.31	\$ 5,602.05
Guardrail, Rem	90	FT	\$ 10.23	\$ 920.70
Masonry and Conc Structure, Rem	100	CYD	\$ 82.18	\$ 8,218.00
Sidewalk, Rem	1220	SYD	\$ 14.05	\$ 17,141.00
Exploratory Investigation, Vertical	120	FT	\$ 46.71	\$ 5,605.20
Pavt, Rem, Modified	15450	SYD	\$ 24.87	\$ 384,241.50
Subgrade Undercutting, Type II	1000	CYD	\$ 0.01	\$ 10.00
Machine Grading, Modified	21	STA	\$ 27,220.46	\$ 571,629.66
Erosion Control, Inlet Protection, Fabric Drop	82	EA	\$ 119.20	\$ 9,774.40
Erosion Control, Silt Fence	500	FT	\$ 3.79	\$ 1,895.00
Subbase, CIP	5120	CYD	\$ 42.72	\$ 218,726.40
Aggregate Base, 8 Inch, Modified	13495	SYD	\$ 15.72	\$ 212,141.40
Maintenance Gravel	1500	TON	\$ 41.61	\$ 62,415.00
Shld, Cl II, 6 inch	345	SYD	\$ 28.59	\$ 9,863.55
Sewer, Cl E, 12 inch, Tr Det B	1840	FT	\$ 216.60	\$ 398,544.00
Sewer, Cl E, 15 inch, Tr Det B	20	FT	\$ 199.85	\$ 3,997.00
Sewer, Cl E, 18 inch, Tr Det B	190	FT	\$ 218.50	\$ 41,515.00
Sewer Tap, 6 inch	2	EA	\$ 561.14	\$ 1,122.28
Sewer Tap, 12 inch	5	EA	\$ 561.14	\$ 2,805.70
Sewer Tap, 15 inch	2	EA	\$ 561.14	\$ 1,122.28
Sewer Tap, 18 inch	2	EA	\$ 561.14	\$ 1,122.28
Dr Structure Cover, Adj, Case 2	4	EA	\$ 210.20	\$ 840.80
Dr Structure Cover, Type D	2	EA	\$ 1,058.23	\$ 2,116.46
Dr Structure Cover, Type G	2	EA	\$ 799.68	\$ 1,599.36
Dr Structure Cover, Type K	25	EA	\$ 1,396.94	\$ 34,923.50
Dr Structure, 24 inch dia	7	EA	\$ 2,008.29	\$ 14,058.03
Dr Structure, 48 inch dia	23	EA	\$ 3,141.31	\$ 72,250.13
Dr Structure, 60 inch dia	1	EA	\$ 4,335.72	\$ 4,335.72
Dr Structure, Adj, Add Depth	10	FT	\$ 222.45	\$ 2,224.50
Dr Structure, Tap, 12 inch	2	EA	\$ 561.14	\$ 1,122.28
Dr Structure Cover, Adj, Case 1, Modified	12	EA	\$ 1,032.66	\$ 12,391.92
Dr Structure Cover, Type B, Modified	10	EA	\$ 3,383.74	\$ 33,837.40

Dr Structure Cover, Type Q, Modified	11	EA	\$ 3,398.32	\$ 37,381.52
HMA Surface, Rem	3910	SYD	\$ 4.25	\$ 16,617.50
Hand Patching	122	TON	\$ 197.79	\$ 24,130.38
HMA Approach	85	TON	\$ 150.00	\$ 12,750.00
HMA, 3EML	1900	TON	\$ 89.50	\$ 170,050.00
HMA, 4EML	1400	TON	\$ 100.00	\$ 140,000.00
HMA, 5EML	1010	TON	\$ 100.00	\$ 101,000.00
Conc Base Cse, Nonreinf, 6 inch	15	SYD	\$ 38.53	\$ 577.95
Conc Pavt, Misc, Nonreinf, 6 inch	50	SYD	\$ 55.06	\$ 2,753.00
Driveway, Nonreinf Conc, 6 inch	120	SYD	\$ 51.56	\$ 6,187.20
Curb and Gutter, Conc, Det C4	2935	FT	\$ 23.84	\$ 69,970.40
Curb and Gutter, Conc, Det F2	105	FT	\$ 32.86	\$ 3,450.30
Driveway Opening, Conc, Det M	150	FT	\$ 32.06	\$ 4,809.00
Detectable Warning Surface	180	FT	\$ 40.00	\$ 7,200.00
Curb Ramp Opening, Conc	220	FT	\$ 28.53	\$ 6,276.60
Sidewalk, Conc, 4 inch	4855	SFT	\$ 4.77	\$ 23,158.35
Sidewalk, Conc, 6 inch	1740	SFT	\$ 4.97	\$ 8,647.80
Curb Ramp, Conc, 6 inch	2180	SFT	\$ 6.93	\$ 15,107.40
Curb Slp, HMA	1075	FT	\$ 2.00	\$ 2,150.00
Delineator, Reflective Sheeting, 3 inch by 12 inc	6	EA	\$ 4.50	\$ 27.00
Post, Steel, 3 pound	385	FT	\$ 8.50	\$ 3,272.50
Sign, Type III, Rem	35	EA	\$ 20.00	\$ 700.00
Sign, Type IIIA	85	SFT	\$ 18.50	\$ 1,572.50
Sign, Type IIIB	85	SFT	\$ 18.50	\$ 1,572.50
Sign, Type IIIC	15	SFT	\$ 18.50	\$ 277.50
Post, Flexible Delineator, Surface Mtd, 36 inch	6	EA	\$ 85.00	\$ 510.00
Pavt Mrkg, Waterborne, 6 inch, White	3280	FT	\$ 0.25	\$ 820.00
Pavt Mrkg, Waterborne, 6 inch, Yellow	2700	FT	\$ 0.25	\$ 675.00
Rem Spec Mrkg	540	SFT	\$ 2.65	\$ 1,431.00
Pavt Mrkg, Waterborne, For On-Street Parking, 4	70	FT	\$ 1.95	\$ 136.50
Pavt Mrkg, 24in Crosswalk, Special	300	FT	\$ 6.00	\$ 1,800.00
Pavt Mrkg, Waterborne, 24 inch, Stop Bar	250	FT	\$ 6.00	\$ 1,500.00
Pavt Mrkg, Waterborne, 12 inch, Cross Hatching	1340	FT	\$ 3.00	\$ 4,020.00
Pavt Mrkg, Waterborne, 12 inch, Cross Hatching	600	FT	\$ 3.00	\$ 1,800.00
Pavt Mrkg, Waterborne, 6 inch, Solid Turning G	60	FT	\$ 5.00	\$ 300.00
Pavt Mrkg, Waterborne, 6 inch, Dotted Thru Gu	65	FT	\$ 5.00	\$ 325.00
Pavt Mrkg, Waterborne, Only	9	EA	\$ 65.00	\$ 585.00
Pavt Mrkg, Waterborne, Rt Turn Arrow Sym	5	EA	\$ 65.00	\$ 325.00
Pavt Mrkg, Waterborne, Lt Turn Arrow Sym	3	EA	\$ 65.00	\$ 195.00
Pavt Mrkg, Waterborne, Thru Arrow Sym	4	EA	\$ 55.00	\$ 220.00
Pavt Mrkg, Waterborne, Thru and Rt Turn Arro	2	EA	\$ 75.00	\$ 150.00
Barricade, Type III, High Intensity, Double Side	50	EA	\$ 132.00	\$ 6,600.00
Barricade, Type III, High Intensity, Double Side	50	EA	\$ 1.00	\$ 50.00
Pedestrian Type II Barricade, Temp	30	EA	\$ 75.00	\$ 2,250.00
Channelizing Device, 42 inch, Fluorescent, Furn	350	EA	\$ 19.00	\$ 6,650.00

Channelizing Device, 42 inch, Fluorescent, Oper	350	EA	\$ 1.00	\$ 350.00
Conc Barrier, Temp, Furn	30	FT	\$ 107.04	\$ 3,211.20
Conc Barrier, Temp, Oper	30	FT	\$ 63.02	\$ 1,890.60
Lighted Arrow, Type C, Furn	4	EA	\$ 882.00	\$ 3,528.00
Lighted Arrow, Type C, Oper	4	EA	\$ 1.00	\$ 4.00
Minor Traf Devices	1	LSUM	\$ 813,704.50	\$ 813,704.50
Pavt Mrkg, Longit, 6 inch or Less Width, Rem	800	FT	\$ 0.75	\$ 600.00
Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	90	FT	\$ 6.00	\$ 540.00
Pavt Mrkg, Type NR, Paint, Lt Turn Arrow	4	EA	\$ 80.00	\$ 320.00
Pavt Mrkg, Type NR, Paint, Rt Turn Arrow	5	EA	\$ 80.00	\$ 400.00
Pavt Mrkg, Type NR, Paint, Thru Arrow	5	EA	\$ 70.00	\$ 350.00
Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 in	250	FT	\$ 0.50	\$ 125.00
Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 in	1075	FT	\$ 0.50	\$ 537.50
Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch	150	FT	\$ 1.95	\$ 292.50
Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch	140	FT	\$ 1.95	\$ 273.00
Plastic Drum, Fluorescent, Furn	100	EA	\$ 26.00	\$ 2,600.00
Plastic Drum, Fluorescent, Oper	100	EA	\$ 1.00	\$ 100.00
Sign Cover	50	EA	\$ 10.00	\$ 500.00
Sign, Portable, Changeable Message, Furn	4	EA	\$ 3,980.00	\$ 15,920.00
Sign, Portable, Changeable Message, Oper	4	EA	\$ 300.00	\$ 1,200.00
Sign, Type B, Temp, Prismatic, Furn	1200	SFT	\$ 5.00	\$ 6,000.00
Sign, Type B, Temp, Prismatic, Oper	1200	SFT	\$ 0.25	\$ 300.00
Sign, Type B, Temp, Prismatic, Spec, Furn	300	SFT	\$ 7.00	\$ 2,100.00
Sign, Type B, Temp, Prismatic, Spec, Oper	300	SFT	\$ 0.25	\$ 75.00
Traf Regulator Control	1	LSUM	\$ 150,000.00	\$ 150,000.00
Site Preparation, Max	5000	LSUM	\$ 1.00	\$ 5,000.00
Watering and Cultivating, First Season, Min	5000	LSUM	\$ 1.00	\$ 5,000.00
Celtis occidentalis 'Chicagoland', 4 inch	2	EA	\$ 1,440.00	\$ 2,880.00
Corylus colurna, 4 inch	2	EA	\$ 1,590.00	\$ 3,180.00
Ginkgo biloba 'Autumn Gold', 4 inch	5	EA	\$ 1,630.00	\$ 8,150.00
Liriodendron tulipifera, 4 inch	2	EA	\$ 1,490.00	\$ 2,980.00
Platanus acerifolia 'Morton Circle', 4 inch	3	EA	\$ 1,455.00	\$ 4,365.00
Quercus muehlenbergii, 4 inch	1	EA	\$ 1,490.00	\$ 1,490.00
Tilia americana 'Redmond', 4 inch	3	EA	\$ 1,515.00	\$ 4,545.00
Slope Restoration, Non-Freeway, Type B	13700	SYD	\$ 7.48	\$ 102,476.00
Power Company (Estimated Cost to Contractor	500	DLR	\$ 1.05	\$ 525.00
Conduit, Directional Bore, 2, 3 inch	400	FT	\$ 39.96	\$ 15,984.00
Conduit, DB, 1, 1 1/2 inch	270	FT	\$ 18.16	\$ 4,903.20
Conduit, DB, 1, 3 inch	1375	FT	\$ 15.77	\$ 21,683.75
Conduit, DB, 3, 3 inch	65	FT	\$ 57.01	\$ 3,705.65
Conduit, DB, 4, 3 inch	10	FT	\$ 76.84	\$ 768.40
Cable, Sec, 600V, 1, 3/C#6	50	FT	\$ 6.27	\$ 313.50
Hh, Polymer Conc	2	EA	\$ 896.99	\$ 1,793.98
Hh, Round	2	EA	\$ 1,652.05	\$ 3,304.10
Hh, Round, 3 foot dia	4	EA	\$ 3,194.42	\$ 12,777.68

Serv Disconnect, Rem	1	EA	\$ 105.85	\$ 105.85
Conduit, DB, 1, 2 inch	1200	FT	\$ 12.55	\$ 15,060.00
Conduit, 1 1/4 inch, innerduct	1320	FT	\$ 8.36	\$ 11,035.20
Light Std Arm, 8 foot	4	EA	\$ 1,175.95	\$ 4,703.80
Light Std Arm, Rem	1	EA	\$ 104.55	\$ 104.55
Light Std Fdn, Rem	1	EA	\$ 528.04	\$ 528.04
Light Std Shaft, Rem	1	EA	\$ 363.34	\$ 363.34
Luminaire, Roadway	4	EA	\$ 902.13	\$ 3,608.52
Case Sign, Rem	1	EA	\$ 105.85	\$ 105.85
Case Sign (LED), One Way, 24 inch by 30 inch	4	EA	\$ 2,474.16	\$ 9,896.64
Controller and Cabinet, Rem	1	EA	\$ 162.06	\$ 162.06
Controller Fdn, Base Mtd	1	EA	\$ 2,683.21	\$ 2,683.21
Controller Fdn, Rem	1	EA	\$ 311.04	\$ 311.04
Fdn, Rem	3	EA	\$ 820.71	\$ 2,462.13
Pedestal, Alum	6	EA	\$ 1,196.92	\$ 7,181.52
Pedestal, Fdn	8	EA	\$ 832.44	\$ 6,659.52
Pedestal Fdn, Rem	2	EA	\$ 181.67	\$ 363.34
Pedestal, Rem	2	EA	\$ 105.85	\$ 211.70
Pedestal, Underground Serv, Metered	1	EA	\$ 5,779.76	\$ 5,779.76
Pedestal, Pushbutton, Alum	2	EA	\$ 809.85	\$ 1,619.70
Push Button Station and Sign	8	EA	\$ 1,494.09	\$ 11,952.72
Span Wire, Rem	2	EA	\$ 148.98	\$ 297.96
Steel Pole, Rem	3	EA	\$ 330.65	\$ 991.95
TS, Pedestrian, Bracket Arm Mtd, Rem	3	EA	\$ 105.85	\$ 317.55
TS, Pedestrian, Pedestal Mtd, Rem	2	EA	\$ 105.85	\$ 211.70
TS, Span Wire Mtd, Rem	7	EA	\$ 130.68	\$ 914.76
Pedestrian Signal System, Accessible	1	EA	\$ 4,567.48	\$ 4,567.48
TS, Wireless Link, 5 Gigahertz, Master	2	EA	\$ 4,703.44	\$ 9,406.88
TS, One Way Mast Arm Mtd, FYA (LED)	4	EA	\$ 1,799.41	\$ 7,197.64
TS, One Way Bracket Arm Mtd (LED)	4	EA	\$ 1,790.23	\$ 7,160.92
TS, Pedestrian, One Way Bracket Arm Mtd (LED)	2	EA	\$ 1,550.51	\$ 3,101.02
TS, Pedestrian, One Way Pedestal Mtd (LED) C	6	EA	\$ 1,603.27	\$ 9,619.62
TS, One Way Mast Arm Mtd (LED)	7	EA	\$ 1,596.72	\$ 11,177.04
TS, Antenna, Rem Yagi Antenna	2	EA	\$ 105.85	\$ 211.70
TS Head, Adj	5	EA	\$ 726.60	\$ 3,633.00
TS Head, Temp	3	EA	\$ 902.74	\$ 2,708.22
TS Face, Bag	15	EA	\$ 105.85	\$ 1,587.75
TS Face, Bag, Rem	15	EA	\$ 105.85	\$ 1,587.75
Casing	64	FT	\$ 258.95	\$ 16,572.80
Backplate, TS	13	EA	\$ 257.56	\$ 3,348.28
Mast Arm Pole, Cat II	4	EA	\$ 12,283.93	\$ 49,135.72
Mast Arm, 50 foot, Cat II	4	EA	\$ 23,747.54	\$ 94,990.16
Mast Arm Pole Fdn, 6 Bolt	76	FT	\$ 495.98	\$ 37,694.48
Controller Cabinet, Modified	1	EA	\$ 29,313.11	\$ 29,313.11
Controller, ATC Type, Classic	1	EA	\$ 4,690.46	\$ 4,690.46

Ethernet Switch with SFPs	1	EA	\$ 1,537.75	\$ 1,537.75
Street Name Sign, Two Way, LED Illuminated 6	4	EA	\$ 3,913.93	\$ 15,655.72
Traffic Signal Power Backup System	1	EA	\$ 10,627.38	\$ 10,627.38
TS, One Way Mast Arm Mtd, Five Sect (LED)	5	EA	\$ 2,552.42	\$ 12,762.10
Universal Camera Bracket and Extension	5	EA	\$ 622.26	\$ 3,111.30
Video Detection Camera	4	EA	\$ 4,021.82	\$ 16,087.28
Video Detection System	1	EA	\$ 26,720.54	\$ 26,720.54
Polyethylene Encasement	615	FT	\$ 0.74	\$ 455.10
Water Main, DI, 4 inch, Tr Det G	30	FT	\$ 237.37	\$ 7,121.10
Water Main, DI, 6 inch, Tr Det G	95	FT	\$ 197.71	\$ 18,782.45
Water Main, DI, 8 inch, Tr Det G	115	FT	\$ 213.04	\$ 24,499.60
Water Main, DI, 16 inch, Tr Det G	370	FT	\$ 795.91	\$ 294,486.70
Water Main, DI, 24 inch, Tr Det G	5	FT	\$ 1,147.86	\$ 5,739.30
Copper Water Service Pipe, 1 1/4 inch	100	FT	\$ 106.85	\$ 10,685.00
Insulation Board, 2 inch	100	SFT	\$ 4.46	\$ 446.00
Gate Box, Adj, Case 1, Modified	1	EA	\$ 674.95	\$ 674.95
Gate Box, Adj, Case 2	1	EA	\$ 328.03	\$ 328.03
Water Shutoff, Adj, Case 2	1	EA	\$ 355.85	\$ 355.85
Water Shutoff, Adj, Case 1	1	EA	\$ 355.85	\$ 355.85
Gate Valve and Box, 4 inch	2	EA	\$ 3,388.83	\$ 6,777.66
Gate Valve and Box, 6 inch	3	EA	\$ 3,647.37	\$ 10,942.11
Gate Valve and Box, 8 inch	4	EA	\$ 4,749.69	\$ 18,998.76
Butterfly Valve and Box, 16 inch, Modified - Ins	4	EA	\$ 3,499.49	\$ 13,997.96
Butterfly Valve and Box, 24 inch	1	EA	\$ 21,124.79	\$ 21,124.79
Fire Hydrant	1	EA	\$ 12,957.97	\$ 12,957.97
Connect to Existing Main, 4 inch	3	EA	\$ 5,250.22	\$ 15,750.66
Connect to Existing Main, 6 inch	3	EA	\$ 5,390.52	\$ 16,171.56
Connect to Existing Main, 8 inch	1	EA	\$ 5,556.87	\$ 5,556.87
Water Main, 4 inch, Cut and Plug	3	EA	\$ 778.07	\$ 2,334.21
Water Main, 6 inch, Cut and Plug	3	EA	\$ 1,161.09	\$ 3,483.27
Water Main, 8 inch, Cut and Plug	1	EA	\$ 1,580.18	\$ 1,580.18
Water Main Line Stop, 4 inch	6	EA	\$ 6,307.61	\$ 37,845.66
Water Main Line Stop, 6 inch	6	EA	\$ 6,557.61	\$ 39,345.66
Water Main Line Stop, 8 inch	2	EA	\$ 6,807.61	\$ 13,615.22
Water Service, 1 1/4 inch	2	EA	\$ 1,169.91	\$ 2,339.82
Water Service Encasement	100	FT	\$ 0.74	\$ 74.00
Meter Box	2	EA	\$ 1,080.13	\$ 2,160.26
Corporation Stop Shutoff	2	EA	\$ 366.04	\$ 732.08
Fiber Optic, Hardware Assembly, Small, Modifi	24	EA	\$ 52.27	\$ 1,254.48
Fiber Optic, Pigtail, Modified	1	EA	\$ 3,136.39	\$ 3,136.39
Compact Ductile Iron Fittings	3500	LB	\$ 6.73	\$ 23,555.00

Alternate A Grand Total \$ 5,608,695.04

ITEM	QTY	UNIT	UNIT PRICE	EXTENDED PRICE
Mobilization, Max \$10,000	1	LSUM	\$ 10,000.00	\$ 10,000.00

Subbase, CIP	245	CYD	\$ 85.73	\$ 21,003.85
Detectable Warning Surface	40	FT	\$ 63.55	\$ 2,542.00
Curb Ramp, Conc, 6 inch	180	SFT	\$ 11.02	\$ 1,983.60
Shared use Path, Conc	1,335	SYD	\$ 69.90	\$ 93,316.50
Shared use Path, Grading	1,375	FT	\$ 22.55	\$ 31,006.25
Post, Steel, 3 pound	295	FT	\$ 13.50	\$ 3,982.50
Sign, Type IIIA	40	SFT	\$ 29.39	\$ 1,175.60
Sign, Type IIIB	113	SFT	\$ 29.39	\$ 3,321.07
Sign, Type III, Perimeter Lighted, W11-2 (LED)	4	EA	\$ 8,608.25	\$ 34,433.00
Pavt Mrkg, Waterborne, 24 inch, Stop Bar	60	FT	\$ 15.89	\$ 953.40
Pavt Mrkg, Waterborne, Xing	5	EA	\$ 182.70	\$ 913.50
Pavt Mrkg, Waterborne, Ped	5	EA	\$ 158.87	\$ 794.35
Power Company (Estimated Cost to Contract)	500	DLR	\$ 1.59	\$ 795.00
Conduit, DB, 1, 1 1/2 inch	35	FT	\$ 57.39	\$ 2,008.65
Cable, Sec, 600v, 1, 3/C#6	200	FT	\$ 20.09	\$ 4,018.00
Hh, Round, 3 foot dia	2	EA	\$ 8,767.53	\$ 17,535.06
Pedestal, Alum	3	EA	\$ 4,304.13	\$ 12,912.39
Pedestal, Fdn	3	EA	\$ 2,295.53	\$ 6,886.59
Pushbutton	3	EA	\$ 2,295.53	\$ 6,886.59

Alternate B Grand Total \$ 256,467.90

ITEM	QTY	UNIT	UNIT PRICE	EXTENDED PRICE
Mobilization, Max \$5,000	1	LSUM	\$ 5,000.00	\$ 5,000.00
Site Preparation, Max	5000	LSUM	\$ 2.08	\$ 10,400.00
Watering and Cultivating, First Season, Min	5000	LSUM	\$ 2.08	\$ 10,400.00
Watering and Cultivating, 2nd Season, Min	5000	LSUM	\$ 2.08	\$ 10,400.00
Ginkgo biloba 'Princeton Sentry', 4 inch	3	EA	\$ 3,206.82	\$ 9,620.46
Tilia americana 'Redmond', 4 inch	2	EA	\$ 2,967.97	\$ 5,935.94
Picea glauca 'Densata', 10 foot	5	EA	\$ 2,812.20	\$ 14,061.00
Pinus strobus, 10 foot	7	EA	\$ 2,812.20	\$ 19,685.40
Amelanchier canadensis, clump form, 10 foot	2	EA	\$ 2,635.66	\$ 5,271.32
Cornus kousa, clump form, 10 foot	3	EA	\$ 2,635.66	\$ 7,906.98
Heptacodium miconioides 'Temple of Bloom'	8	EA	\$ 2,635.66	\$ 21,085.28

ALTERNATE C GRAND TOTAL \$ 119,766.38