



**WINTON ROAD & WEST KEMPER ROAD IMPROVEMENTS**  
**CITY OF FOREST PARK, OHIO**  
**PROJECT: 210945**  
**Bid Date 3/18/2022**

**ENGINEER'S ESTIMATE**

**JOHN R. JURGENSEN, INC.**

ITEM NO.	SPEC. NO.	ITEM	Estimated Quantity	Unit of Measure	Unit Cost Total	Total Amount Bid	Unit Cost Total	Total Amount Bid
<b>WINTON ROAD</b>								
1	201	CLEARING AND GRUBBING, AS PER PLAN	1	LS	\$15,000.00	\$15,000.00	\$5,500.00	\$5,500.00
2	202	INLET REMOVED	1	EA	\$500.00	\$500.00	\$2,000.00	\$2,000.00
3	251*	PARTIAL DEPTH PAVEMENT REPAIR (AS NEEDED. 2%)	879	SY	\$65.00	\$57,135.00	\$150.00	\$131,850.00
4	253*	PAVEMENT REPAIR, AS PER PLAN (2%)	879	SY	\$65.00	\$57,135.00	\$69.00	\$60,651.00
5	254	PAVEMENT PLANING, ASPHALT CONCRETE (2-1/2")	43,972	SY	\$2.50	\$109,930.00	\$1.90	\$83,546.80
6	407	TACK COAT, TRACKLESS - INTERMEDIATE COURSE (0.09 GALLON/SY)	3,957	GAL	\$5.00	\$19,785.00	\$2.00	\$7,914.00
7	407	TACK COAT, TRACKLESS - SURFACE COURSE (0.06 GALLON/SY)	2,638	GAL	\$5.00	\$13,190.00	\$2.00	\$5,276.00
8	441	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), PG64-22 (1")	1,343	CY	\$205.00	\$275,315.00	\$175.00	\$235,025.00
9	441	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22 (1-1/2")	1,924	CY	\$210.00	\$404,040.00	\$185.00	\$355,940.00
10	SPL	ASPHALT CONCRETE, MISC.; ASPHALT REJUVENATING AGENT	43,972	SY	\$1.25	\$54,965.00	\$1.30	\$57,163.60
11	608	5" CONCRETE WALK	1,590	SF	\$10.00	\$15,900.00	\$12.50	\$19,875.00
12	608	CURB RAMP, includes flush concrete curb and truncated domes	10	EA	\$1,000.00	\$10,000.00	\$2,100.00	\$21,000.00
13	609	COMBINATION CURB AND GUTTER, TYPE 2	400	LF	\$45.00	\$18,000.00	\$74.00	\$29,600.00
14	609	CONCRETE TRAFFIC ISLAND, REMOVAL AND REPLACEMENT	110	SY	\$35.00	\$3,850.00	\$280.00	\$30,800.00
15	611	CATCH BASIN, CB-2-2B WITH GRATE CASTING	1	EA	\$2,000.00	\$2,000.00	\$2,800.00	\$2,800.00
16	611	MANHOLE NO. 3, WITH CASTING AND LID	1	EA	\$2,000.00	\$2,000.00	\$4,700.00	\$4,700.00
17	611*	MANHOLE ADJUSTED TO GRADE (STORM)	2	EA	\$350.00	\$700.00	\$750.00	\$1,500.00
18	611	12" CONDUIT, TYPE C (ODOT 706.02)	12	LF	\$75.00	\$900.00	\$250.00	\$3,000.00



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19	611	CATCH BASIN RECONSTRUCTION - SINGLE GRATE INLET - REBUILD TOP 18" USING PRECAST TOP	24	EA	\$1,500.00	\$36,000.00	\$3,000.00	\$72,000.00
20	611	CATCH BASIN RECONSTRUCTION - DOUBLE GRATE INLET - REBUILD TOP 18" USING PRECAST TOP	6	EA	\$1,750.00	\$10,500.00	\$3,500.00	\$21,000.00
21	611	FURNISH NEW CURB PLATE, S.G.I. AS PER PLAN	24	EA	\$1,000.00	\$24,000.00	\$300.00	\$7,200.00
22	611	FURNISH NEW CURB PLATE, D.G.I. AS PER PLAN	6	EA	\$1,500.00	\$9,000.00	\$500.00	\$3,000.00
23	611	FURNISH NEW GRATE, AS PER PLAN	36	EA	\$250.00	\$9,000.00	\$280.00	\$10,080.00
24	614	MAINTENANCE OF TRAFFIC	1	LS	\$15,000.00	\$15,000.00	\$45,000.00	\$45,000.00
25	614	MAINTAINING TRAFFIC, MISC.: TEMPORARY PAVEMENT MARKINGS	1	LS	\$15,000.00	\$15,000.00	\$52,000.00	\$52,000.00
26	624	MOBILIZATION	1	LS	\$15,000.00	\$15,000.00	\$5,000.00	\$5,000.00
27	630	SIGNAGE	5	EA	\$500.00	\$2,500.00	\$300.00	\$1,500.00
28	630	GROUND MOUNTED SUPPORT, NO. 3 POST	65	LF	\$35.00	\$2,275.00	\$18.00	\$1,170.00
29	642	ISLAND MARKING, TYPE 1	3,670	SF	\$4.00	\$14,680.00	\$3.10	\$11,377.00
30	644	EDGE LINE WHITE - 4"	1.9	MILE	\$2,600.00	\$4,940.00	\$3,600.00	\$6,840.00
31	644	EDGE LINE YELLOW - 4"	1.88	MILE	\$2,600.00	\$4,888.00	\$3,600.00	\$6,768.00
32	644	LANE LINE, 4"	1.91	MILE	\$2,600.00	\$4,966.00	\$980.00	\$1,871.80
33	644	CHANNELIZING LINE - 8"	1,938	LF	\$4.00	\$7,752.00	\$1.55	\$3,003.90
34	644	STOP LINE, 24"	288	LF	\$20.00	\$5,760.00	\$6.30	\$1,814.40
35	644	LANE ARROW	31	EA	\$150.00	\$4,650.00	\$94.50	\$2,929.50
36	644	DOUBLE YELLOW CENTERLINE	106	LF	\$2.25	\$238.50	\$1.25	\$132.50



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37	644	CROSSWALK LINE, 12"	1,356	LF	\$8.00	\$10,848.00	\$5.00	\$6,780.00
38	644	CROSSWALK LINE, LADDER STYLE	180	LF	\$12.00	\$2,160.00	\$6.00	\$1,080.00
39	644	CROSSWALK SURFACE SYSTEM, ENNIS FLINT TRAFFIC PATTERNS	2,500	SF	\$10.00	\$25,000.00	\$22.75	\$56,875.00
40	653*	TOPSOIL FURNISHED AND PLACED	25	CY	\$45.00	\$1,125.00	\$110.00	\$2,750.00
41	SPL	MODULAR WALL SECTION	90	SF	\$60.00	\$5,400.00	\$140.00	\$12,600.00
42	SPL*	MANHOLE ADJUSTED TO GRADE, SANITARY SEWER MANHOLE ADJUSTED TO GRADE; AS PER PLAN; LABOR AND MATERIAL	6	EA	\$750.00	\$4,500.00	\$750.00	\$4,500.00
43	SPL*	MANHOLE REPAIRED AND ADJUSTED TO GRADE, SANITARY MANHOLE. AS PER PLAN; LABOR AND MATERIAL	1	EA	\$1,000.00	\$1,000.00	\$1,250.00	\$1,250.00
44	SPL*	BRICK MASONRY MANHOLE REPAIR, SANITARY SEWER MANHOLE, AS PER PLAN; LABOR AND MATERIAL	1	EA	\$1,500.00	\$1,500.00	\$2,300.00	\$2,300.00
45	SPL	BUS PAD - 11" PLAIN CONCRETE PAVEMENT, AS PER PLAN (80'L x 10'W x 11"D)	445	SY	\$200.00	\$89,000.00	\$193.00	\$85,885.00
46	SPL	SPECIAL STRUCTURE, MISC.: TRANSIT STOP (SHELTER) BUS SHELTER (INCL CONCRETE PAD)	2	EA	\$20,000.00	\$40,000.00	\$26,000.00	\$52,000.00
47	SPL	SPECIAL - MISC.: BENCHES (INCL CONCRETE PAD)	3	EA	\$2,750.00	\$8,250.00	\$7,400.00	\$22,200.00
48	SPL	SPECIAL - MISC.: TRASH RECEPTACLES (INCL CONCRETE PAD)	3	EA	\$2,000.00	\$6,000.00	\$6,400.00	\$19,200.00
49	SPL	SPECIAL - MISC.: BICYCLE RACK (INCL CONCRETE PAD)	2	EA	\$2,000.00	\$4,000.00	\$8,800.00	\$17,600.00
<b>SUBTOTAL - WINTON ROAD</b>						<b>\$1,445,277.50</b>		<b>\$1,595,848.50</b>
<b>WEST KEMPER ROAD</b>								
50	201	CLEARING AND GRUBBING, AS PER PLAN (Includes Stump removal as specified)	1	LS	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00
51	209	DITCH CLEANOUT, AS PER PLAN	4,440	LF	\$25.00	\$111,000.00	\$27.00	\$119,880.00
52	251*	PARTIAL DEPTH PAVEMENT REPAIR (AS NEEDED. 2%)	435	SY	\$65.00	\$28,275.00	\$150.00	\$65,250.00



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53	253*	PAVEMENT REPAIR, AS PER PLAN (2%)	435	SY	\$65.00	\$28,275.00	\$69.00	\$30,015.00
54	254	PAVEMENT PLANING, ASPHALT CONCRETE (2-1/2" Full Width)	21,785	SY	\$2.50	\$54,462.50	\$1.90	\$41,391.50
55	407	TACK COAT, TRACKLESS - INTERMEDIATE COURSE (0.09 GALLON/SY)	1,960	GAL	\$5.00	\$9,800.00	\$2.00	\$3,920.00
56	407	TACK COAT, TRACKLESS - SURFACE COURSE (0.06 GALLON/SY)	1,307	GAL	\$5.00	\$6,535.00	\$2.00	\$2,614.00
57	441	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), PG64-22 (1")	666	CY	\$205.00	\$136,530.00	\$175.00	\$116,550.00
58	441	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22 (1-1/2")	952	CY	\$210.00	\$199,920.00	\$185.00	\$176,120.00
59	SPL	ASPHALT CONCRETE, MISC.;; ASPHALT REJUVENATING AGENT	21,785	SY	\$1.25	\$27,231.25	\$1.30	\$28,320.50
60	452	NON-REINFORCED CONCRETE PAVEMENT, MISC.: 6" PLAIN PORTLAND CEMENT CONCRETE DRIVEWAY REMOVAL & REPLACEMENT	4,250	SY	\$110.00	\$467,500.00	\$97.50	\$414,375.00
61	608	5" CONCRETE WALK	2,835	SF	\$10.00	\$28,350.00	\$12.50	\$35,437.50
62	608	CURB RAMP, INCLUDES FLUSH CONCRETE CURB AND TRUNCATED DOMES	17	EA	\$1,000.00	\$17,000.00	\$2,100.00	\$35,700.00
63	609	TYPE 6 CURB, FLUSH TO PAVEMENT	8,110	LF	\$35.00	\$283,850.00	\$43.00	\$348,730.00
64	611	CB2-2-A WITH GRATE CASTING, INSTALLED ON EXISTING 12" STORM	4	EA	\$3,000.00	\$12,000.00	\$2,650.00	\$10,600.00
65	611	12" CONDUIT, TYPE D (ODOT 706.02)	44	LF	\$75.00	\$3,300.00	\$138.00	\$6,072.00
66	611*	12" CONDUIT, TYPE D (ODOT 706.02), DRIVE CULVERT REMOVAL AND REPLACEMENT	200	LF	\$75.00	\$15,000.00	\$138.00	\$27,600.00
67	614	MAINTAINING TRAFFIC	1	LS	\$20,000.00	\$20,000.00	\$38,000.00	\$38,000.00
68	624	MOBILIZATION	1	LS	\$15,000.00	\$15,000.00	\$7,500.00	\$7,500.00
69	630	SIGNAGE	12	EA	\$500.00	\$6,000.00	\$300.00	\$3,600.00
70	630	GROUND MOUNTED SUPPORT, NO. 3 POST	156	LF	\$25.00	\$3,900.00	\$18.00	\$2,808.00



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71	644	EDGE LINE WHITE - 4"	2	MILE	\$2,600.00	\$4,030.00	\$3,600.00	\$5,580.00
72	644	LANE LINE, 4"	0	MILE	\$2,600.00	\$156.00	\$980.00	\$58.80
73	644	CHANNELIZING LINE - 8"	1,717	LF	\$4.00	\$6,868.00	\$1.55	\$2,661.35
74	644	STOP LINE, 24"	147	LF	\$15.00	\$2,205.00	\$6.30	\$926.10
75	644	LANE ARROW	27	EA	\$150.00	\$4,050.00	\$94.50	\$2,551.50
76	644	DOUBLE YELLOW CENTERLINE	6,012	LF	\$2.75	\$16,533.00	\$1.25	\$7,515.00
77	644	CROSSWALK LINE, 12"	753	LF	\$8.00	\$6,024.00	\$5.00	\$3,765.00
78	644	TRANSVERSE / DIAGONAL LINE	378	LF	\$8.00	\$3,024.00	\$6.00	\$2,268.00
79	644	ISLAND MARKING	33	SF	\$20.00	\$660.00	\$5.00	\$165.00
80	653*	TOPSOIL FURNISHED AND PLACED	40	CY	\$45.00	\$1,800.00	\$110.00	\$4,400.00
81	SPL	BUS PAD - 11" PLAIN CONCRETE PAVEMENT, AS PER PLAN (80'L x 10'W x 11"D)	89	SY	\$200.00	\$17,800.00	\$193.00	\$17,177.00
82	SPL	SPECIAL - MISC.: BENCHES (INCL. CONCRETE PAD)	3	EA	\$3,500.00	\$10,500.00	\$7,400.00	\$22,200.00
83	SPL	SPECIAL - MISC.: TRASH RECEPTACLES (INCL. CONCRETE PAD)	2	EA	\$2,000.00	\$4,000.00	\$6,400.00	\$12,800.00
84	SPL	SPECIAL - MISC.: BICYCLE RACK (INCL. CONCRETE PAD)	4	EA	\$1,500.00	\$6,000.00	\$8,800.00	\$35,200.00
<b>SUBTOTAL - KEMPER ROAD</b>						<b>\$1,572,578.75</b>		<b>\$1,641,751.25</b>



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		<b>TRAFFIC ITEMS - INCLUDES WINTON ROAD AND KEMPER ROAD</b>						
85	625	GROUND ROD	2	EA	\$250.00	\$500.00	\$440.00	\$880.00
86	625	PULLBOX, 725.08, 18"	2	EA	\$1,200.00	\$2,400.00	\$1,600.00	\$3,200.00
87	625	CONDUIT 2", 725.051	40	LF	\$10.00	\$400.00	\$10.00	\$400.00
88	625	TRENCH	40	LF	\$10.00	\$400.00	\$16.00	\$640.00
89	625	CONDUIT, MISC.: CONDUIT CONNECTION	2	EA	\$750.00	\$1,500.00	\$380.00	\$760.00
90	632	DETECTOR LOOP	5	EA	\$1,500.00	\$7,500.00	\$2,400.00	\$12,000.00
91	632	LOOP DETECTOR TIE IN	5	EA	\$300.00	\$1,500.00	\$125.00	\$625.00
92	632	PEDESTAL, 8', TRANSFORMER BASE	2	EA	\$1,000.00	\$2,000.00	\$950.00	\$1,900.00
93	632	PEDESTAL FOUNDATION	2	EA	\$750.00	\$1,500.00	\$950.00	\$1,900.00
94	632	PEDESTRIAN PUSHBUTTON, AS PER PLAN	2	EA	\$200.00	\$400.00	\$375.00	\$750.00
95	632	PEDESTRIAN SIGNAL, (LED), (COUNTDOWN), TYPE D2	2	EA	\$650.00	\$1,300.00	\$1,000.00	\$2,000.00
96	632	SIGNAL CABLE, 5 CONDUCTOR, NO 14 AWG	650	LF	\$3.50	\$2,275.00	\$4.50	\$2,925.00
97	632	CONTROLLER ITEM MISC.: MODIFY EXISTING CONTROLLER AND CABINET	1	EA	\$1,750.00	\$1,750.00	\$2,100.00	\$2,100.00
98	632	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM: PUSHBUTTON & SIGN	2	EA	\$200.00	\$400.00	\$185.00	\$370.00
99	809	STOP LINE AND ADVANCE RADAR DETECTION, AS PER PLAN	2	EA	\$16,000.00	\$32,000.00	\$18,900.00	\$37,800.00
100	809	ATC V6.24 CONTROLLER, AS PER PLAN	1	EA	\$7,500.00	\$7,500.00	\$8,000.00	\$8,000.00
		<b>SUBTOTAL TRAFFIC ITEMS</b>				\$63,325.00		\$76,250.00



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<b>ALTERNATE #1 - KEMPER MEADOW DRIVE</b>								
101	251	*PARTIAL DEPTH PAVEMENT REPAIR (AS NEEDED. 2%)	77	SY	\$65.00	\$5,005.00	\$150.00	\$11,550.00
102	253	*PAVEMENT REPAIR, AS PER PLAN (2%)	77	SY	\$65.00	\$5,005.00	\$69.00	\$5,313.00
103	254	PAVEMENT PLANING, ASPHALT CONCRETE (2-1/2" Full Width)	3,856	SY	\$3.50	\$13,496.00	\$1.90	\$7,326.40
104	407	TACK COAT, TRACKLESS - INTERMEDIATE COURSE (0.09 GALLON/SY)	347	GAL	\$5.00	\$1,735.00	\$2.00	\$694.00
105	407	TACK COAT, TRACKLESS - SURFACE COURSE (0.06 GALLON/SY)	231	GAL	\$5.00	\$1,155.00	\$2.00	\$462.00
106	441	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), PG64-22 (1")	118	CY	\$205.00	\$24,190.00	\$175.00	\$20,650.00
107	441	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22 (1-1/2")	168	CY	\$210.00	\$35,280.00	\$185.00	\$31,080.00
108	SPL	ASPHALT CONCRETE, MISC.; ASPHALT REJUVENATING AGENT	3,856	SY	\$1.25	\$4,820.00	\$1.30	\$5,012.80
109	611	*MANHOLE ADJUSTED TO GRADE (STORM)	3	EA	\$350.00	\$1,050.00	\$750.00	\$2,250.00
110	644	CHANNELIZING LINE - 8"	140	LF	\$2.00	\$280.00	\$1.55	\$217.00
111	644	STOP LINE, 24" WHITE	19	LF	\$10.00	\$190.00	\$6.30	\$119.70
112	644	LANE ARROW	2	EA	\$110.00	\$220.00	\$94.50	\$189.00
113	644	DOUBLE YELLOW CENTERLINE	220	LF	\$2.25	\$495.00	\$1.25	\$275.00
114	644	CENTERLINE (SOLID/DASHED)	1,200	LF	\$3.00	\$3,600.00	\$0.95	\$1,140.00
115	653*	TOPSOIL FURNISHED AND PLACED	5	CY	\$45.00	\$225.00	\$110.00	\$550.00
116	614	MAINTAINING TRAFFIC	1	LS	\$5,000.00	\$5,000.00	\$16,000.00	\$16,000.00
117	SPL*	MANHOLE ADJUSTED TO GRADE, SANITARY SEWER MANHOLE ADJUSTED TO GRADE; AS PER PLAN; LABOR AND MATERIAL	4	EA	\$750.00	\$3,000.00	\$750.00	\$3,000.00
118	SPL*	MANHOLE REPAIRED AND ADJUSTED TO GRADE, SANITARY MANHOLE. AS PER PLAN; LABOR AND MATERIAL	4	EA	\$1,000.00	\$4,000.00	\$1,250.00	\$5,000.00
119	SPL*	BRICK MASONRY MANHOLE REPAIR, SANITARY SEWER MANHOLE, AS PER PLAN; LABOR AND MATERIAL	4	EA	\$1,500.00	\$6,000.00	\$2,300.00	\$9,200.00
<b>SUBTOTAL - ALTERNATE #1 - KEMPER MEADOW DRIVE</b>						\$114,746.00		\$120,028.90
<b>TOTAL - BASE BID</b>							\$3,081,181.25	\$3,313,849.75
<b>TOTAL - BASE BID + ALTERNATE (KEMPER MEADOW DRIVE)</b>							\$3,195,927.25	\$3,433,878.65