

BASE BID TABULATION

FRONTAGE ROAD REHABILITATION PROJECT

TUESDAY, FEBRUARY 18, 2020

COUNTY: Lake				ENGINEER'S ESTIMATE OF PROBABLE COST		PAYNE & DOLAN, INC. WAUKESHA, WI		CAMPANELLA & SONS, INC. WADSWORTH, IL		PETER BAKER & SON CO. LAKE BLUFF, IL		SCHROEDER ASPHALT SERVICES, INC. MARENGO, IL		COPENHAVER CONSTRUCTION, INC. GILBERTS, IL		CHICAGOLAND PAVING CONTRACTORS, INC. LAKE ZURICH, IL	
OWNER: Village of Fox Lake																	
PROJECT: 2020 Frontage Road Rehabilitation Project																	
PREPARED Thomas Engineering Group, LLC																	
ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	EARTH EXCAVATION	CU YD	406.9	\$30.00	\$12,207.00	\$39.50	\$16,072.55	\$56.49	\$22,985.78	\$55.71	\$22,668.40	\$36.00	\$14,648.40	\$30.00	\$12,207.00	\$35.00	\$14,241.50
2	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	100.0	\$30.00	\$3,000.00	\$48.00	\$4,800.00	\$56.49	\$5,649.00	\$55.71	\$5,571.00	\$38.00	\$3,800.00	\$25.00	\$2,500.00	\$20.00	\$2,000.00
3	FURNISH EXCAVATION	CU YD	152.6	\$35.00	\$5,341.00	\$71.00	\$10,834.60	\$15.34	\$2,340.88	\$15.34	\$2,340.88	\$25.00	\$3,815.00	\$10.00	\$1,526.00	\$20.00	\$3,052.00
4	POROUS GRANULAR EMBANKMENT	CU YD	20.0	\$35.00	\$700.00	\$80.00	\$1,600.00	\$59.00	\$1,180.00	\$59.00	\$1,180.00	\$48.00	\$960.00	\$25.00	\$500.00	\$25.00	\$500.00
5	GRADING AND SHAPING DITCHES	FOOT	150.0	\$15.00	\$2,250.00	\$30.00	\$4,500.00	\$11.34	\$1,701.00	\$11.34	\$1,701.00	\$18.00	\$2,700.00	\$17.00	\$2,550.00	\$10.00	\$1,500.00
6	PERIMETER EROSION BARRIER	FOOT	1,831.0	\$4.00	\$7,324.00	\$3.25	\$5,950.75	\$3.70	\$6,774.70	\$3.00	\$5,493.00	\$3.00	\$5,493.00	\$3.00	\$5,493.00	\$3.00	\$5,493.00
7	INLET FILTERS	EACH	5.0	\$200.00	\$1,000.00	\$350.00	\$1,750.00	\$175.00	\$875.00	\$110.00	\$550.00	\$125.00	\$625.00	\$60.00	\$300.00	\$290.00	\$1,450.00
8	STONE RIPRAP, CLASS A4	SQ YD	5.0	\$150.00	\$750.00	\$500.00	\$2,500.00	\$534.00	\$2,670.00	\$534.00	\$2,670.00	\$100.00	\$500.00	\$140.00	\$700.00	\$200.00	\$1,000.00
9	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	300.0	\$25.00	\$7,500.00	\$18.00	\$5,400.00	\$31.47	\$9,441.00	\$13.00	\$3,900.00	\$13.50	\$4,050.00	\$17.00	\$5,100.00	\$15.00	\$4,500.00
10	AGGREGATE BASE COURSE, TYPE A 4"	SQ YD	1,192.0	\$10.00	\$11,920.00	\$9.50	\$11,324.00	\$7.39	\$8,808.88	\$13.50	\$16,092.00	\$6.00	\$7,152.00	\$7.00	\$8,344.00	\$4.25	\$5,066.00
11	PREPARATION OF BASE	SQ YD	7,090.1	\$5.00	\$35,450.50	\$2.00	\$14,180.20	\$2.03	\$14,392.90	\$2.70	\$19,143.27	\$0.80	\$5,672.08	\$1.00	\$7,090.10	\$1.00	\$7,090.10
12	AGGREGATE BASE REPAIR	TON	350.0	\$20.00	\$7,000.00	\$20.00	\$7,000.00	\$33.66	\$11,781.00	\$18.00	\$6,300.00	\$22.00	\$7,700.00	\$31.00	\$10,850.00	\$20.00	\$7,000.00
13	LEVELING BINDER (MM), N50	TON	20.0	\$75.00	\$1,500.00	\$118.00	\$2,360.00	\$94.50	\$1,890.00	\$90.00	\$1,800.00	\$125.00	\$2,500.00	\$160.00	\$3,200.00	\$100.00	\$2,000.00
14	HMA SURFACE REMOVAL - BUTT JOINT	SQ YD	40.2	\$30.00	\$1,206.00	\$36.00	\$1,447.20	\$40.00	\$1,608.00	\$6.60	\$265.32	\$8.00	\$321.60	\$12.00	\$482.40	\$10.00	\$402.00
15	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	20.0	\$80.00	\$1,600.00	\$100.00	\$2,000.00	\$84.50	\$1,690.00	\$80.00	\$1,600.00	\$125.00	\$2,500.00	\$150.00	\$3,000.00	\$100.00	\$2,000.00
16	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 7-1/2"	SQ YD	7,090.1	\$45.00	\$319,054.50	\$31.00	\$219,793.10	\$29.55	\$209,512.46	\$28.80	\$204,194.88	\$33.50	\$237,518.35	\$40.00	\$283,604.00	\$34.00	\$241,063.40
17	AGGREGATE WEDGE SHOULDERS, TYPE B	TON	40.0	\$60.00	\$2,400.00	\$70.00	\$2,800.00	\$67.00	\$2,680.00	\$135.00	\$5,400.00	\$45.00	\$1,800.00	\$60.00	\$2,400.00	\$35.00	\$1,400.00
18	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	735.0	\$40.00	\$29,400.00	\$36.00	\$26,460.00	\$48.85	\$35,904.75	\$46.50	\$34,177.50	\$29.00	\$21,315.00	\$35.00	\$25,725.00	\$30.00	\$22,050.00
19	INLETS TO BE ADJUSTED	EACH	4.0	\$550.00	\$2,200.00	\$800.00	\$3,200.00	\$270.00	\$1,080.00	\$270.00	\$1,080.00	\$800.00	\$3,200.00	\$500.00	\$2,000.00	\$835.00	\$3,340.00
20	FRAMES, TYPE B-18	EACH	1.0	\$400.00	\$400.00	\$1,250.00	\$1,250.00	\$440.00	\$440.00	\$440.00	\$440.00	\$750.00	\$750.00	\$900.00	\$900.00	\$790.00	\$790.00
21	FRAME AND GRATES, TYPE 11	EACH	3.0	\$600.00	\$1,800.00	\$4,350.00	\$13,050.00	\$440.00	\$1,320.00	\$440.00	\$1,320.00	\$750.00	\$2,250.00	\$900.00	\$2,700.00	\$750.00	\$2,250.00
22	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	FOOT	1,825.0	\$35.00	\$63,875.00	\$18.45	\$33,671.25	\$15.00	\$27,375.00	\$14.25	\$26,006.25	\$22.00	\$40,150.00	\$26.00	\$47,450.00	\$20.60	\$37,595.00
23	CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	100.0	\$40.00	\$4,000.00	\$47.99	\$4,799.00	\$93.65	\$9,365.00	\$65.00	\$6,500.00	\$35.00	\$3,500.00	\$30.00	\$3,000.00	\$36.00	\$3,600.00
24	SPBGR TY A 9FT POSTS	FOOT	200.0	\$35.00	\$7,000.00	\$26.00	\$5,200.00	\$28.00	\$5,600.00	\$25.45	\$5,090.00	\$28.00	\$5,600.00	\$32.00	\$6,400.00	\$26.75	\$5,350.00
25	SPBGR TY A 6FT POSTS	FOOT	330.0	\$30.00	\$9,900.00	\$22.00	\$7,260.00	\$22.95	\$7,573.50	\$20.85	\$6,880.50	\$24.00	\$7,920.00	\$26.00	\$8,580.00	\$22.00	\$7,260.00
26	GUARDRAIL REMOVAL	FOOT	1,383.0	\$6.00	\$8,298.00	\$5.50	\$7,606.50	\$5.80	\$8,021.40	\$5.25	\$7,260.75	\$6.50	\$8,989.50	\$5.00	\$6,915.00	\$5.55	\$7,675.65
27	SIGN PANEL T1	SQ FT	74.0	\$30.00	\$2,220.00	\$16.00	\$1,184.00	\$16.80	\$1,243.20	\$14.50	\$1,073.00	\$28.00	\$2,072.00	\$19.00	\$1,406.00	\$17.00	\$1,258.00
28	TERMINAL MARKER - DIRECT APPLIED	EACH	3.0	\$350.00	\$1,050.00	\$50.00	\$150.00	\$38.50	\$115.50	\$35.00	\$105.00	\$60.00	\$180.00	\$70.00	\$210.00	\$36.75	\$110.25
29	TELESCOPING STEEL SIGN SUPPORT	FOOT	210.0	\$25.00	\$5,250.00	\$9.00	\$1,890.00	\$9.45	\$1,984.50	\$10.00	\$2,100.00	\$20.00	\$4,200.00	\$11.00	\$2,310.00	\$11.75	\$2,467.50
30	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	210.7	\$6.00	\$1,264.20	\$5.00	\$1,053.50	\$5.25	\$1,106.18	\$4.00	\$842.80	\$4.00	\$842.80	\$11.00	\$2,317.70	\$4.85	\$1,021.90
31	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	5,809.0	\$2.00	\$11,618.00	\$0.85	\$4,937.65	\$0.90	\$5,228.10	\$0.70	\$4,066.30	\$0.70	\$4,066.30	\$0.60	\$3,485.40	\$0.90	\$5,228.10
32	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	476.8	\$2.50	\$1,192.00	\$1.25	\$596.00	\$1.35	\$643.68	\$1.00	\$476.80	\$1.00	\$476.80	\$3.00	\$1,430.40	\$1.30	\$619.84
33	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	369.0	\$5.00	\$1,845.00	\$2.50	\$922.50	\$2.65	\$977.85	\$2.00	\$738.00	\$2.00	\$738.00	\$4.00	\$1,476.00	\$2.15	\$793.35
34	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	27.0	\$8.00	\$216.00	\$5.00	\$135.00	\$5.25	\$141.75	\$5.00	\$135.00	\$5.00	\$135.00	\$14.00	\$378.00	\$4.30	\$116.10
35	GUARDRAIL MKR TYPE A	EACH	8.0	\$12.00	\$96.00	\$10.00	\$80.00	\$13.20	\$105.60	\$12.00	\$96.00	\$15.00	\$120.00	\$20.00	\$160.00	\$12.60	\$100.80
36	TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL TANGENT	EACH	3.0	\$2,500.00	\$7,500.00	\$2,900.00	\$8,700.00	\$3,128.00	\$9,384.00	\$2,843.00	\$8,529.00	\$3,200.00	\$9,600.00	\$3,500.00	\$10,500.00	\$3,000.00	\$9,000.00
37	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	6.0	\$1,000.00	\$6,000.00	\$345.00	\$2,070.00	\$445.00	\$2,670.00	\$100.00	\$600.00	\$400.00	\$2,400.00	\$250.00	\$1,500.00	\$250.00	\$1,500.00
38	TEMPORARY ACCESS (ROAD)	EACH	3.0	\$1,500.00	\$4,500.00	\$345.00	\$1,035.00	\$445.00	\$1,335.00	\$100.00	\$300.00	\$600.00	\$1,800.00	\$250.00	\$750.00	\$150.00	\$450.00
39	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1.0	\$37,297.63	\$37,297.63	\$10,800.00	\$10,800.00	\$27,420.00	\$27,420.00	\$41,681.00	\$41,681.00	\$21,000.00	\$21,000.00	\$64,000.00	\$64,000.00	\$30,178.86	\$30,178.86
40	CHANGEABLE MESSAGE SIGN	CAL DAY	60.0	\$60.00	\$3,600.00	\$30.00	\$1,800.00	\$31.50	\$1,890.00	\$7.00	\$420.00	\$85.00	\$5,100.00	\$35.00	\$2,100.00	\$8.20	\$492.00
41	PAVEMENT REMOVAL (SPECIAL), VARIABLE DEPTH	SQ YD	3,680.3	\$20.00	\$73,606.00	\$5.25	\$19,321.58	\$9.37	\$34,484.41	\$9.37	\$34,484.41	\$3.00	\$11,040.90	\$6.00	\$22,081.80	\$5.50	\$20,241.65
42	PAVEMENT REMOVAL (SPECIAL), 7-1/2"	SQ YD	3,380.3	\$15.00	\$50,704.50	\$8.00	\$27,042.40	\$12.15	\$41,070.65	\$12.15	\$41,070.65	\$6.50	\$21,971.95	\$10.00	\$33,803.00	\$7.50	\$25,352.25
43	DRIVEWAY REMOVAL AND REPLACEMENT	SQ YD	68.2	\$55.00	\$3,751.00	\$105.00	\$7,161.00	\$96.10	\$6,554.02	\$82.00	\$5,592.40	\$38.00	\$2,591.60	\$50.00	\$3,410.00	\$25.00	\$1,705.00
44	RESTORATION	SQ YD	1,796.1	\$10.00	\$17,961.00	\$15.00	\$26,941.50	\$7.90	\$14,189.19	\$6.50	\$11,674.65	\$10.00	\$17,961.00	\$6.00	\$10,776.60	\$7.50	\$13,470.75
45	RELOCATE SIGN PANEL AND POST	EACH	5.0	\$200.00	\$1,000.00	\$100.00	\$500.00	\$110.00	\$550.00	\$215.00	\$1,075.00	\$330.00	\$1,650.00	\$120.00	\$600.00	\$250.00	\$1,250.00
46	TEMPORARY INFORMATION SIGNING	SF	100.0	\$5.00	\$500.00	\$5.00	\$500.00	\$5.25	\$525.00	\$12.50	\$1,250.00	\$30.00	\$3,000.00	\$10.00	\$1,000.00	\$14.75	\$1,475.00
47	CONSTRUCTION LAYOUT	L SUM	1.0	\$5,000.00	\$5,000.00	\$4,750.00	\$4,750.00	\$4,935.00	\$4,935.00	\$6,850.00	\$6,850.00	\$6,500.00	\$6,500.00	\$16,000.00	\$16,000.00	\$3,500.00	\$3,500.00
AS READ					N/A		\$529,679.28		\$559,213.87		\$552,784.76		\$512,876.28		\$633,211.40		\$510,000.00
TOTAL BID					\$783,247.33		\$538,379.28		\$559,213.88		\$552,784.76		\$512,876.28		\$633,211.40		\$510,000.00
OFFERED ALTERNATIVE BID					N/A		Y		Y		Y		Y		Y		Y

BASE BID TABULATION

FRONTAGE ROAD REHABILITATION PROJECT

TUESDAY, FEBRUARY 18, 2020

COUNTY: Lake				AVERAGE COST ALL BIDDERS		BID ANALYSIS	
OWNER: Village of Fox Lake							
PROJECT: 2020 Frontage Road Rehabilitation Project							
PREPARED Thomas Engineering Group, LLC							
ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL	VARIANCE	CONTRIBUTORY
1	EARTH EXCAVATION	CU YD	406.9	\$42.12	\$17,138.63	83%	-\$4,931.63
2	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	100.0	\$40.53	\$4,053.00	49%	-\$1,553.00
3	FURNISH EXCAVATION	CU YD	152.6	\$26.11	\$3,984.39	77%	-\$2,458.39
4	POROUS GRANULAR EMBANKMENT	CU YD	20.0	\$49.33	\$986.60	51%	-\$486.60
5	GRADING AND SHAPING DITCHES	FOOT	150.0	\$16.28	\$2,442.00	61%	\$108.00
6	PERIMETER EROSION BARRIER	FOOT	1,831.0	\$3.16	\$5,785.96	95%	-\$292.96
7	INLET FILTERS	EACH	5.0	\$185.00	\$925.00	157%	-\$625.00
8	STONE RIPRAP, CLASS A4	SQ YD	5.0	\$334.67	\$1,673.35	60%	-\$973.35
9	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	300.0	\$18.00	\$5,400.00	83%	-\$300.00
10	AGGREGATE BASE COURSE, TYPE A 4"	SQ YD	1,192.0	\$7.94	\$9,464.48	54%	-\$1,120.48
11	PREPARATION OF BASE	SQ YD	7,090.1	\$1.59	\$11,273.26	63%	-\$4,183.16
12	AGGREGATE BASE REPAIR	TON	350.0	\$24.11	\$8,438.50	83%	\$2,411.50
13	LEVELING BINDER (MM), N50	TON	20.0	\$114.58	\$2,291.60	87%	\$908.40
14	HMA SURFACE REMOVAL - BUTT JOINT	SQ YD	40.2	\$18.77	\$754.55	53%	-\$272.15
15	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	20.0	\$106.58	\$2,131.60	94%	\$868.40
16	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 7-1/2"	SQ YD	7,090.1	\$32.81	\$232,626.18	104%	\$50,977.82
17	AGGREGATE WEDGE SHOULDERS, TYPE B	TON	40.0	\$68.67	\$2,746.80	51%	-\$346.80
18	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	735.0	\$37.56	\$27,606.60	80%	-\$1,881.60
19	INLETS TO BE ADJUSTED	EACH	4.0	\$579.17	\$2,316.68	144%	-\$316.68
20	FRAMES, TYPE B-18	EACH	1.0	\$761.67	\$761.67	104%	\$138.33
21	FRAME AND GRATES, TYPE 11	EACH	3.0	\$1,271.67	\$3,815.01	59%	-\$1,115.01
22	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	FOOT	1,825.0	\$19.38	\$35,368.50	106%	\$12,081.50
23	CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	100.0	\$51.27	\$5,127.00	70%	-\$2,127.00
24	SPBGR TY A 9FT POSTS	FOOT	200.0	\$27.70	\$5,540.00	97%	\$860.00
25	SPBGR TY A 6FT POSTS	FOOT	330.0	\$22.97	\$7,580.10	96%	\$999.90
26	GUARDRAIL REMOVAL	FOOT	1,383.0	\$5.60	\$7,744.80	99%	-\$829.80
27	SIGN PANEL T1	SQ FT	74.0	\$18.55	\$1,372.70	92%	\$33.30
28	TERMINAL MARKER - DIRECT APPLIED	EACH	3.0	\$48.38	\$145.14	76%	\$64.86
29	TELESCOPING STEEL SIGN SUPPORT	FOOT	210.0	\$11.87	\$2,492.70	99%	-\$182.70
30	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	210.7	\$5.68	\$1,196.78	85%	\$1,120.92
31	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	5,809.0	\$0.78	\$4,531.02	115%	-\$1,045.62
32	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	476.8	\$1.48	\$705.66	88%	\$724.74
33	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	369.0	\$2.55	\$940.95	84%	\$535.05
34	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	27.0	\$6.43	\$173.61	67%	\$204.39
35	GUARDRAIL MKR TYPE A	EACH	8.0	\$13.80	\$110.40	91%	\$49.60
36	TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL TANGENT	EACH	3.0	\$3,095.17	\$9,285.51	97%	\$1,214.49
37	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	6.0	\$298.33	\$1,789.98	84%	-\$289.98
38	TEMPORARY ACCESS (ROAD)	EACH	3.0	\$315.00	\$945.00	48%	-\$195.00
39	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1.0	\$32,513.31	\$32,513.31	93%	\$31,486.69
40	CHANGEABLE MESSAGE SIGN	CAL DAY	60.0	\$32.78	\$1,966.80	25%	\$133.20
41	PAVEMENT REMOVAL (SPECIAL), VARIABLE DEPTH	SQ YD	3,680.3	\$6.42	\$23,627.53	86%	-\$1,545.73
42	PAVEMENT REMOVAL (SPECIAL), 7-1/2"	SQ YD	3,380.3	\$9.38	\$31,707.21	80%	\$2,095.79
43	DRIVEWAY REMOVAL AND REPLACEMENT	SQ YD	68.2	\$66.02	\$4,502.56	38%	-\$1,092.56
44	RESTORATION	SQ YD	1,796.1	\$8.82	\$15,841.60	85%	-\$5,065.00
45	RELOCATE SIGN PANEL AND POST	EACH	5.0	\$187.50	\$937.50	133%	-\$337.50
46	TEMPORARY INFORMATION SIGNING	SF	100.0	\$12.92	\$1,292.00	114%	-\$292.00
47	CONSTRUCTION LAYOUT	L SUM	1.0	\$7,089.17	\$7,089.17	49%	\$8,910.83
AS READ					N/A		
TOTAL BID					\$551,143.39		\$82,068.01
OFFERED ALTERNATIVE BID					N/A		