



**RECEIVED**  
MAY 23 2014  
**CITY OF MASCOUTAH**

LEGAL: NORTH 294' OF LOTS 14 AND 15 AS RECORDED IN THE RECORDER IN BOOK A, PAGE 388.  
BEGINNING AT THE INTERSECTION OF THE RIGHT OF WAY LINE AND THE NORTHERN PROPERTY LINE OF SAID PARCEL AND THEN SOUTH 00 DEGREES 33 MINUTES 38 SECONDS WEST 294 FEET; THENCE LEAVING SAID EASTERLY RIGHT OF WAY, NORTH 89 DEGREES 26 MINUTES 25 SECONDS WEST 1248.50 FEET; THENCE NORTH 03 DEGREES 01 MINUTES 01 SECONDS EAST 294.27 FEET; THENCE SOUTH 89 DEGREES 26 MINUTES 25 SECONDS EAST 1233.89 FEET TO THE POINT OF BEGINNING OF THE TRACT HERIN DESCRIBED.  
PARCEL CONTAINS 8.4 ACRES OR 364816 SQUARE FEET, MORE OR LESS.

FIRE TRUCK TURNING MOVEMENTS BASED ON AUTOTURN SMEAL ARIEL RM 75FT VEHICLE

	ZONED RM	
	ZONING REQUIREMENTS	PROPOSED
MINIMUM DISTRICT SIZE	2 ACRES	8.8 ACRES
MAXIMUM DENSITY	20 DWELLING UNITS PER GROSS ACRE	144 UNITS ON 8.8 ACRES 144 UNITS/8.8 ACRES=16.4 UNITS/ACRE
MAXIMUM BUILDING COVERAGE	45%	BUILDING 2.2 ACRES LOT 8.8 ACRES 2.2/8.8 = 25.0%
PARKING	2 SPACES/DWELLING UNIT 144 UNITS * 2 SPACE=288	292 SPACES

Scale:

DATE: ERIC R. OLSON, P.E. EXPIRES 11/30/15

Drawing Issue

P.L.L.  
E. Olson  
L.L. Wilson  
R. Wilson  
D.W. Calkins  
E. Olson  
M. Nelson  
ME 4022.00

**Millennia Professional Services**

11 Exchange Blvd., Suite 10  
Farmington, Illinois 62208  
Phone: 618.624.8510  
FAX: 618.624.8611

**Plaza Apartments Mascoutah, Illinois**

Sheet Title:  
**PRELIMINARY LAYOUT**

Sheet  
1 of 1



Attachment E

Tabulation of Bids

County					Date		Name and Address of Bidders		The Kilian Corporation		Baxmeyer Construction, Inc.		Surmeier & Surmeier, Inc.		DMS Contracting, Inc.		Average Bid Prices	
St. Clair					7/2/2014		608 South Independence St.		1034 Floraville Road		339 South Sixth St.		614 Industrial St.					
Municipality or Road					Time		PO Box A		Waterloo, IL 62298		Mascoutah, IL 62258		Mascoutah, IL 62258					
Route					Appropriation \$		Mascoutah, IL 62258-0187											
Estimate					Attended by													
Harnett Street					Ron Yeager, Al Goeplert													
\$1,455,035.50					Surmeier													
Proposal Guarantee					Approved Engineers Estimate		Bid Bond		Bid Bond		Bid Bond		Bid Bond					
Terms																		
Item No. or Group	Items	Delivery	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
20100210	TREE REMOV OVER 15		UNIT	266	\$35.00	\$9,310.00	\$40.00	\$10,640.00	\$71.95	\$19,138.70	\$31.95	\$8,498.70	\$32.00	\$8,512.00	\$43.98	\$11,697.35		
20800150	TRENCH BACKFILL		CU YD	146	\$35.00	\$5,110.00	\$29.00	\$4,234.00	\$27.50	\$4,015.00	\$33.00	\$4,818.00	\$34.00	\$4,964.00	\$30.88	\$4,507.75		
28000305	TEMP DITCH CHECKS		EACH	4	\$150.00	\$600.00	\$95.00	\$380.00	\$151.97	\$607.88	\$250.00	\$1,000.00	\$51.30	\$205.20	\$137.07	\$548.27		
28000400	PERIMETER EROS BAR		FOOT	2,287	\$4.00	\$9,148.00	\$2.75	\$6,289.25	\$3.15	\$7,204.05	\$4.25	\$9,719.75	\$2.75	\$6,289.25	\$3.23	\$7,375.58		
28000500	INLET & PIPE PROTECT		EACH	26	\$150.00	\$3,900.00	\$95.00	\$2,470.00	\$136.85	\$3,558.10	\$150.00	\$3,900.00	\$150.00	\$3,900.00	\$132.96	\$3,457.03		
28100105	STONE RIPRAP CL A3		SQ YD	26	\$35.00	\$910.00	\$50.00	\$1,300.00	\$42.83	\$1,113.58	\$80.00	\$2,080.00	\$43.00	\$1,118.00	\$53.96	\$1,402.90		
28200200	FILTER FABRIC		SQ YD	26	\$5.00	\$130.00	\$1.00	\$26.00	\$3.85	\$100.10	\$1.75	\$45.50	\$330.00	\$8,580.00	\$84.15	\$2,187.90		
31100400	SUB GRAN MAT A 5		SQ YD	19,517	\$6.50	\$126,860.50	\$8.25	\$161,015.25	\$6.41	\$125,103.97	\$4.05	\$79,043.85	\$6.30	\$122,957.10	\$6.25	\$122,030.04		
35100700	AGG BASE CSE A 8		SQ YD	289	\$10.00	\$2,890.00	\$23.65	\$6,834.85	\$12.99	\$3,754.11	\$6.48	\$1,872.72	\$8.80	\$2,543.20	\$12.98	\$3,751.22		
35101400	AGG BASE CSE B		TON	43	\$25.00	\$1,075.00	\$35.00	\$1,505.00	\$32.97	\$1,417.71	\$20.00	\$860.00	\$37.00	\$1,591.00	\$31.24	\$1,343.43		
40200800	AGG SURF CSE B		TON	11	\$25.00	\$275.00	\$35.00	\$385.00	\$42.24	\$464.64	\$20.00	\$220.00	\$67.00	\$737.00	\$41.06	\$451.66		
40201000	AGGREGATE-TEMP ACCESS		TON	120	\$30.00	\$3,600.00	\$20.00	\$2,400.00	\$28.03	\$3,363.60	\$15.00	\$1,800.00	\$40.50	\$4,860.00	\$25.88	\$3,105.90		
40701821	HMA PAVT FD 7		SQ YD	17,247	\$35.00	\$603,645.00	\$31.65	\$545,867.55	\$34.28	\$591,227.16	\$33.86	\$583,983.42	\$32.55	\$561,389.85	\$33.09	\$570,617.00		
40800050	INCIDENTAL HMA SURF		TON	70	\$200.00	\$14,000.00	\$185.00	\$12,950.00	\$246.37	\$17,245.90	\$200.00	\$14,000.00	\$204.75	\$14,332.50	\$209.03	\$14,632.10		
42300200	PCC DRIVEWAY PAVT 6		SQ YD	383	\$60.00	\$22,980.00	\$68.00	\$26,044.00	\$87.00	\$33,321.00	\$67.64	\$25,906.12	\$65.00	\$24,895.00	\$71.91	\$27,541.53		
42300400	PCC DRIVEWAY PAVT 8		SQ YD	298	\$70.00	\$20,860.00	\$74.00	\$21,952.00	\$110.01	\$32,782.98	\$72.93	\$21,733.14	\$71.00	\$21,158.00	\$81.99	\$24,431.53		
42400100	PC CONC SIDEWALK 4		SQ FT	21,410	\$5.50	\$117,755.00	\$6.10	\$130,601.00	\$4.58	\$98,057.80	\$5.11	\$109,405.10	\$4.30	\$92,063.00	\$5.02	\$107,531.73		
42400800	DETECTABLE WARNINGS		SQ FT	339	\$35.00	\$11,865.00	\$38.00	\$12,882.00	\$22.16	\$7,512.24	\$50.00	\$16,950.00	\$25.00	\$8,475.00	\$33.79	\$11,454.81		
44000200	DRIVE PAVEMENT REM		SQ YD	597	\$12.00	\$7,164.00	\$13.50	\$8,059.50	\$8.48	\$5,062.56	\$17.56	\$10,483.32	\$14.50	\$8,656.50	\$13.51	\$8,065.47		
44000400	GUTTER REM		FOOT	4,401	\$6.00	\$26,406.00	\$7.50	\$33,007.50	\$3.94	\$17,339.94	\$3.19	\$14,039.19	\$5.15	\$22,665.15	\$4.95	\$21,762.95		
44000500	COMB CURB GUTTER REM		FOOT	251	\$6.00	\$1,506.00	\$7.50	\$1,882.50	\$7.32	\$1,837.32	\$3.19	\$800.69	\$9.00	\$2,259.00	\$6.75	\$1,694.88		
44000600	SIDEWALK REM		SQ FT	746	\$1.50	\$1,119.00	\$1.75	\$1,305.50	\$1.42	\$1,059.32	\$1.95	\$1,454.70	\$1.60	\$1,193.60	\$1.68	\$1,253.28		
50105220	PIPE CULVERT REMOV		FOOT	393	\$12.00	\$4,716.00	\$9.50	\$3,733.50	\$11.58	\$4,550.94	\$15.70	\$6,170.10	\$16.50	\$6,484.50	\$13.32	\$5,234.76		
542D0223	P CUL CL D 1 18		FOOT	45	\$40.00	\$1,800.00	\$48.50	\$2,182.50	\$54.52	\$2,453.40	\$39.55	\$1,779.75	\$40.00	\$1,800.00	\$45.64	\$2,053.91		
550A0050	STORM SEW CL A 1 12		FOOT	372	\$35.00	\$13,020.00	\$44.00	\$16,368.00	\$57.08	\$21,233.76	\$41.29	\$15,359.88	\$35.50	\$13,206.00	\$44.47	\$16,541.91		
550A0070	STORM SEW CL A 1 15		FOOT	383	\$40.00	\$15,320.00	\$46.00	\$17,618.00	\$54.41	\$20,839.03	\$44.18	\$16,920.94	\$40.00	\$15,320.00	\$46.15	\$17,674.49		
550B0050	STORM SEW CL B 1 12		FOOT	52	\$35.00	\$1,820.00	\$38.00	\$1,976.00	\$71.14	\$3,699.28	\$59.33	\$3,085.16	\$33.00	\$1,716.00	\$50.37	\$2,619.11		
550B0110	STORM SEW CL B 1 21		FOOT	5	\$60.00	\$300.00	\$65.00	\$325.00	\$160.96	\$804.80	\$200.00	\$1,000.00	\$150.00	\$750.00	\$143.99	\$719.95		
60235700	INLETS TA T3F&G		EACH	3	\$1,000.00	\$3,000.00	\$1,500.00	\$4,500.00	\$1,174.31	\$3,522.93	\$1,668.00	\$5,004.00	\$1,150.00	\$3,450.00	\$1,373.08	\$4,119.23		
60236200	INLETS TA T8G		EACH	1	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	\$947.12	\$947.12	\$1,422.00	\$1,422.00	\$925.00	\$925.00	\$1,198.53	\$1,198.53		
60236600	INLETS TA T9F&G		EACH	2	\$1,000.00	\$2,000.00	\$1,500.00	\$3,000.00	\$1,174.31	\$2,348.62	\$1,680.00	\$3,360.00	\$1,150.00	\$2,300.00	\$1,376.08	\$2,752.16		
60237470	INLETS TA T24F&G		EACH	2	\$1,000.00	\$2,000.00	\$1,500.00	\$3,000.00	\$1,102.38	\$2,204.76	\$1,602.00	\$3,204.00	\$1,075.00	\$2,150.00	\$1,319.85	\$2,639.69		
60240220	INLETS TB T3F&G		EACH	2	\$1,200.00	\$2,400.00	\$1,925.00	\$3,850.00	\$1,658.67	\$3,317.34	\$1,902.00	\$3,804.00	\$1,350.00	\$2,700.00	\$1,708.92	\$3,417.84		
60240303	INLETS TB T9F&G		EACH	2	\$1,200.00	\$2,400.00	\$1,925.00	\$3,850.00	\$1,658.67	\$3,317.34	\$1,896.00	\$3,792.00	\$1,350.00	\$2,700.00	\$1,707.42	\$3,414.84		
60255800	MAN ADJ NEW T1F CL		EACH	7	\$500.00	\$3,500.00	\$1,050.00	\$7,350.00	\$1,056.43	\$7,395.01	\$1,300.00	\$9,100.00	\$500.00	\$3,500.00	\$976.61	\$6,836.25		
60260100	INLETS ADJUST		EACH	3	\$500.00	\$1,500.00	\$900.00	\$2,700.00	\$417.39	\$1,252.17	\$750.00	\$2,250.00	\$350.00	\$1,050.00	\$604.35	\$1,813.04		
60260400	INLETS ADJ NEW T1F CL		EACH	4	\$1,000.00	\$4,000.00	\$900.00	\$3,600.00	\$807.60	\$3,230.40	\$1,300.00	\$5,200.00	\$500.00	\$2,000.00	\$876.90	\$3,507.60		
60263000	INL RECON NEW T1F CL		EACH	1	\$1,000.00	\$1,000.00	\$950.00	\$950.00	\$1,513.06	\$1,513.06	\$1,300.00	\$1,300.00	\$850.00	\$850.00	\$1,153.27	\$1,153.27		
60500060	REMOV INLETS		EACH	3	\$300.00	\$900.00	\$225.00	\$675.00	\$441.92	\$1,325.76	\$1,300.00	\$3,900.00	\$500.00	\$1,500.00	\$616.73	\$1,850.19		
60602800	CONC V-GUTTER		FOOT	2,309	\$18.00	\$41,562.00	\$22.00	\$50,798.00	\$19.76	\$45,625.84	\$25.65	\$59,225.85	\$17.25	\$39,830.25	\$21.17	\$48,869.99		
60605000	COMB CC&G TB6.24		FOOT	3,859	\$20.00	\$77,180.00	\$28.00	\$108,052.00	\$24.57	\$94,815.63	\$24.38	\$94,082.42	\$17.50	\$67,532.50	\$23.61	\$91,120.64		
78001100	PT PVT MK LTRS & SYMB		SQ FT	18	\$5.00	\$90.00	\$4.30	\$77.40	\$4.53	\$81.54	\$5.00	\$90.00	\$55.00	\$990.00	\$17.21	\$309.74		
78001110	PAINT PVT MK LINE 4		FOOT	11,208	\$1.00	\$11,208.00	\$0.72	\$8,069.76	\$0.75	\$8,406.00	\$0.77	\$8,630.16	\$0.55	\$6,164.40	\$0.70	\$7,817.58		
78001130	PAINT PVT MK LINE 6		FOOT	2,033	\$3.00	\$6,099.00	\$1.10	\$2,236.30	\$1.13	\$2,297.29	\$1.20	\$2,439.60	\$2.65	\$5,387.45	\$1.52	\$3,090.16		
78001150	PAINT PVT MK LINE 12		FOOT	124	\$5.00	\$620.00	\$2.20	\$272.80	\$2.26	\$280.24	\$2.50	\$310.00	\$3.15	\$390.60	\$2.53	\$313.41		
78300100	PAVT MARKING REMOVAL		SQ FT	44	\$1.00	\$44.00	\$6.50	\$286.00	\$6.79	\$298.76	\$20.00	\$880.00	\$4.25	\$187.00	\$9.39	\$412.94		
Z0027800	TRIXIAL GEOGRID REINF		SQ YD	19,517	\$3.00	\$58,551.00	\$3.75	\$73,188.75	\$3.93	\$76,701.81	\$3.50	\$68,309.50	\$3.20	\$62,454.40	\$3.60	\$70,163.62		
X2501000	SEEDING CL 2 SPL		ACRE	1.2	\$6,000.00	\$7,200.00	\$2,800.00	\$3,360.00	\$3,730.98	\$4,477.18	\$7,220.77	\$8,664.92	\$5,000.00	\$6,000.00	\$4,687.94	\$5,625.53		
X4404400	PAVT REMOVAL SPL		SQ YD	19,474	\$8.00	\$155,792.00	\$15.25	\$296,978.50	\$5.04	\$98,148.96	\$5.45	\$106,133.30	\$6.50	\$126,581.00	\$8.06	\$156,960.44		
X5427600	REM & RELOC END SECT		EACH	1	\$500.00	\$500.00	\$300.00	\$300.00	\$373.07	\$373.07	\$750.00	\$750.00	\$925.00	\$925.00	\$587.02	\$587.02		
X6024240	INLETS SPL		EACH	6	\$1,500.00	\$9,000.00	\$2,000.00	\$12,000.00	\$2,107.10	\$12,642.60	\$1,500.00	\$9,000.00	\$1,225.00	\$7,350.00	\$1,708.03	\$10,248.15		
X6062400	CONC GUTTER OUTLET		EACH	1	\$405.00	\$405.00	\$825.00	\$825.00	\$4,550.75	\$4,550.75	\$1,200.00	\$1,200.00	\$625.00	\$625.00	\$1,800.19	\$1,800.19		
X7010216	TRAF CONT & PROT SPL		L SUM	1	\$35,000.00	\$35,000.00	\$38,500.00	\$38,500.00	\$84,565.34	\$84,565.34	\$35,000.00	\$35,000.00	\$29,500.00	\$29,500.00	\$46,891.34	\$46,891.34		
						\$1,455,035.50		\$1,664,253.41		\$1,492,508.19		\$1,393,981.78		\$1,339,663.45		\$1,472,601.83		
								\$1,664,253.41		\$1,492,508.39		\$1,393,981.78		\$1,339,663.45				

69