RESOLUTION NO. 16-68

					ENGINEERS E	STIMATE	RONYAK PAVING, INC.			
								14376 N.	. Cheshire Street	
								Burtor	n, Ohio 44021	
							(440)) 834-1988 - Of	ffice • (440) 834-1	1989 - Fax
ITEM	REF	ITEM	ITEM							
NO.	NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL	LABOR	MATERIAL	UNIT PRICE	TOTAL
ROADWA	Y									
1	201	CLEARING AND GRUBBING	1	LS	\$5,500.00	\$5,500.00	\$1,500.00	\$0.00	\$1,500.00	\$1,500.00
2	202	PIPE REMOVED	224	FT	\$11.00	\$2,464.00	\$15.00	\$0.00	\$15.00	\$3,360.00
3	202	PIPE REMOVED (DRIVE CULVERT) AS DIRECTED	200	FT	\$11.00	\$2,200.00	\$10.00	\$0.00	\$10.00	\$2,000.00
4	202	CATCH BASIN REMOVED	2	EACH	\$550.00	\$1,100.00	\$400.00	\$0.00	\$400.00	\$800.00
5	204	SUBGRADE COMPACTION	3,900	SY	\$1.38	\$5,362.50	\$0.75	\$0.10	\$0.85	\$3,315.00
6	204	PROOF ROLLING	10	HR	\$132.00	\$1,320.00	\$100.00	\$0.00	\$100.00	\$1,000.00
7	209	PREPARING SUBGRADE FOR SHOULDER PAVING, AS PER PLAN	15	STA.	\$1,100.00	\$16,500.00	\$275.00	\$0.00	\$275.00	\$4,125.00
8	602	CONCRETE MASONRY	0.2	CY	\$1,100.00	\$220.00	\$2,800.00	\$200.00	\$3,000.00	\$600.00
9	SPECIAL	MAILBOX SUPPORT	2	EACH	\$275.00	\$550.00	\$30.00	\$20.00	\$50.00	\$100.00
EROSION	CONTROL									
10	832	EROSION CONTROL	2,500	EACH	\$1.10	\$2,750.00	\$1.00	\$0.00	\$1.00	\$2,500.00
11	659	SEEDING AND MULCHING (INCLUDING TOPSOIL)	7,000	SY	\$11.00	\$77,000.00	\$1.50	\$4.50	\$6.00	\$42,000.00
12	670	DITCH EROSION PROTECTION	3,300	SY	\$1.65	\$5,445.00	\$2.00	\$3.00	\$5.00	\$16,500.00
13	832	SWPPP PREPARATION	1	LS	\$5,500.00	\$5,500.00	\$2,000.00	\$500.00	\$2,500.00	\$2,500.00
DRAINAG	E/SANITARY									
14	611	12" CONDUIT, TYPE B, 706.02, CLASS 4	185	FT	\$220.00	\$40,700.00	\$30.00	\$40.00	\$70.00	\$12,950.00
15	611	12" CONDUIT, TYPE D, 706.02	39	FT	\$110.00	\$4,290.00	\$20.00	\$40.00	\$60.00	\$2,340.00
16	611	12" CONDUIT, TYPE B (DRIVE CULVERT) AS DIRECTED	200	FT	\$66.00	\$13,200.00	\$20.00	\$35.00	\$55.00	\$11,000.00
17	603	6" UNDERDRAIN (AS DIRECTED)	2,000	FT	\$16.50	\$33,000.00	\$1.00	\$2.00	\$3.00	\$6,000.00
18	611	CATCH BASIN NO. 2-2B	2	EACH	\$2,750.00	\$5,500.00	\$600.00	\$1,400.00	\$2,000.00	\$4,000.00
19	611	SANITARY MANHOLE, ADJUSTED TO GRADE	12	EACH	\$550.00	\$6,600.00	\$300.00	\$350.00	\$650.00	\$7,800.00
20	611	SANITARY MANHOLE, RECONSTRUCTED TO GRADE	1	EACH	\$2,750.00	\$2,750.00	\$500.00	\$1,000.00	\$1,500.00	\$1,500.00
21	611	CATCH BASIN ADJUSTED TO GRADE	2	EACH	\$550.00	\$1,100.00	\$300.00	\$300.00	\$600.00	\$1,200.00
22	611	CATCH BASIN, RECONSTRUCTED TO GRADE	1	EACH	\$1,650.00	\$1,650.00	\$500.00	\$1,000.00	\$1,500.00	\$1,500.00
23	SPECIAL	MISC. METAL	1,000	LBS.	\$1.38	\$1,375.00	\$0.75	\$2.25	\$3.00	\$3,000.00
EARTHWO)RK									
24	203	EXCAVATION INCLUDING EMBANKMENT CONSTRUCTION	1	LS	\$9,900.00	\$9,900.00	\$62,000.00	\$3,000.00	\$65,000.00	\$65,000.00

RESOLUTION NO. 16-68

					ENCINEERS	RONYAK PAVING, INC.					
					ENGINEERS ESTIMATE		RONTAR PAVING, INC.				
								4.4276 N	Charlet a Charlet		
									Cheshire Street		
									, Ohio 44021		
							(440)) 834-1988 - Of	fice • (440) 834-1	989 - Fax	
ITEM	REF	ITEM	ITEM								
NO.	NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL	LABOR	MATERIAL	UNIT PRICE	TOTAL	
	204	EXCAVATION OF UNSUITABLE SUBGRADE (25% OF WIDENING/FULL	250	CY							
25	204	DEPTH RECONSTRUCTION)	250	Ci	\$18.70	\$4,675.00	\$25.00	\$0.00	\$25.00	\$6,250.00	
	204	GRANULAR EMBANKMENT, TYPE C (25% OF WIDENING/FULL DEPTH	250	CY							
26	204	RECONSTRUCTION)	230	Ci	\$44.00	\$11,000.00	\$20.00	\$20.00	\$40.00	\$10,000.00	
27	204	GEOGRID (AS DIRECTED)	500	SY	\$3.30	\$1,650.00	\$1.75	\$1.75	\$3.50	\$1,750.00	
28	209	LINEAR GRADING	15	STA	\$550.00	\$8,250.00	\$2,000.00	\$0.00	\$2,000.00	\$30,000.00	
29	209	DITCH CLEANOUT	7,400	FT	\$6.60	\$48,840.00	\$2.50	\$0.00	\$2.50	\$18,500.00	
WATERWO	ORK										
30	638	VALVE BOX ADJUSTMENTS	5.00	EACH	\$275.00	\$1,375.00	\$250.00	\$150.00	\$400.00	\$2,000.00	
PAVEMEN	T										
31	253	FULL DEPTH PAVEMENT REPAIR (10% PLANED AREA)	1,558	SY	\$93.50	\$145,673.00	\$20.00	\$40.00	\$60.00	\$93,480.00	
32	254	PAVEMENT PLANING	15,575	SY	\$2.20	\$34,265.00	\$2.50	\$0.00	\$2.50	\$38,937.50	
33	254	PAVEMENT PLANING (DRIVES)	200	SY	\$11.00	\$2,200.00	\$50.00	\$0.00	\$50.00	\$10,000.00	
34	301	6" ASPHALT CONCRETE BASE	579	CY	\$176.00	\$101,904.00	\$55.00	\$110.00	\$165.00	\$95,535.00	
35	304	4" AGGREGATE BASE	845	CY	\$71.50	\$60,417.50	\$45.00	\$35.00	\$80.00	\$67,600.00	
36	407	TACK COAT	3,054	GAL.	\$3.30	\$10,078.20	\$0.50	\$1.50	\$2.00	\$6,108.00	
37	422	CHIP SEAL	20,660	SY	\$2.48	\$51,133.50	\$0.50	\$2.00	\$2.50	\$51,650.00	
38	441	1.5" ASPHALT CONCRETE SURFACE COURSE, (448) TYPE 1, PG 64-22	740	CY	\$198.00	\$146,520.00	\$10.00	\$118.00	\$128.00	\$94,720.00	
	441	1.75" ASPHALT CONCRETE INTERMEDIATE COURSE, (448) TYPE 2, PG 64-	1,017	CY							
39	441	22	1,017	Ci	\$187.00	\$190,179.00	\$10.00	\$110.00	\$120.00	\$122,040.00	
	441	VARIABLE ASPHALT CONCRETE LEVELING COURSE, (448) TYPE 1, PG 64-	33	CY							
40	441	22	33	Ci	\$187.00	\$6,171.00	\$65.00	\$150.00	\$215.00	\$7,095.00	
	441	1.5" ASPHALT CONCRETE SURFACE COURSE, (448) TYPE 1, PG 64-22	27	CY							
41	771	(DRIVEWAYS)		Ç'	\$330.00	\$8,910.00	\$240.00	\$150.00	\$390.00	\$10,530.00	
	441	1.75" ASPHALT CONCRETE INTERMEDIATE COURSE, (448) TYPE 2, PG 64-	30	CY							
42		22 (DRIVEWAYS)	30		\$330.00	\$9,900.00	\$200.00	\$150.00	\$350.00	\$10,500.00	
43		6" REINFORCED CONCRETE DRIVE APRONS, REMOVED AND REPLACED	221	SY	\$126.50	\$27,956.50	\$40.00	\$30.00	\$70.00	\$15,470.00	
44	451	7" REINFORCED CONCRETE PAVEMENT	25	SY	\$110.00	\$2,750.00	\$55.00	\$40.00	\$95.00	\$2,375.00	
45	617	COMPACTED AGGREGATE	138	CY	\$71.50	\$9,867.00	\$35.00	\$20.00	\$55.00	\$7,590.00	

RESOLUTION NO. 16-68

ITEM NO. 46 TRAFFIC CON 47 48	NTROL 630	ITEM DESCRIPTION PAVEMENT REINFORCEMENT FABRIC	ITEM QTY 5,000	UNIT	ENGINEERS E	STIMATE	(440)	14376 N. Burton	Cheshire Street Ohio 44021 fice • (440) 834-1	989 - Fax
NO. 46 TRAFFIC CON 47	NO. SPEC NTROL 630	DESCRIPTION PAVEMENT REINFORCEMENT FABRIC	QTY	UNIT			(440)	Burton	, Ohio 44021	989 - Fax
NO. 46 TRAFFIC CON 47	NO. SPEC NTROL 630	DESCRIPTION PAVEMENT REINFORCEMENT FABRIC	QTY	UNIT			(440)	Burton	, Ohio 44021	989 - Fax
NO. 46 TRAFFIC CON 47	NO. SPEC NTROL 630	DESCRIPTION PAVEMENT REINFORCEMENT FABRIC	QTY	UNIT			(440)			989 - Fax
NO. 46 TRAFFIC CON 47	NO. SPEC NTROL 630	DESCRIPTION PAVEMENT REINFORCEMENT FABRIC	QTY	UNIT			(440)	834-1988 - Of	fice • (440) 834-1	989 - Fax
NO. 46 TRAFFIC CON 47	NO. SPEC NTROL 630	DESCRIPTION PAVEMENT REINFORCEMENT FABRIC	QTY	UNIT						
46 TRAFFIC CON 47	SPEC NTROL 630	PAVEMENT REINFORCEMENT FABRIC		UNIT						
46 TRAFFIC CON 47	SPEC NTROL 630				UNIT PRICE	TOTAL	LABOR	MATERIAL	UNIT PRICE	TOTAL
47	630	CION FLATCHEET AC DED DI AN	<u> </u>	SY	\$5.50	\$27,500.00	\$1.00	\$3.00	\$4.00	\$20,000.00
47	630	CICAL ELAT CHEET, AC DED DIANI								
18		SIGN, FLAT SHEET, AS PER PLAN	88.0	SF	\$19.80	\$1,742.40	\$10.00	\$25.00	\$35.00	\$3,080.00
40		REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	11	EACH	\$13.20	\$145.20	\$20.00	\$0.00	\$20.00	\$220.00
49		REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	9	EACH	\$14.30	\$128.70	\$25.00	\$0.00	\$25.00	\$225.00
50		REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL	1	EACH	\$27.50	\$27.50	\$15.00	\$0.00	\$15.00	\$15.00
51	630	SIGN POST AND MISCELLANEOUS SIGN HARDWARE, AS PER PLAN	17	EACH	\$165.00	\$2,805.00	\$250.00	\$250.00	\$500.00	\$8,500.00
52	642	EDGE LINE, 4"	2.90	MILE	\$770.00	\$2,233.00	\$400.00	\$300.00	\$700.00	\$2,030.00
53	642	CENTER LINE	1.50	MILE	\$1,210.00	\$1,815.00	\$1,000.00	\$800.00	\$1,800.00	\$2,700.00
54	642	CHANNELIZING LINE, 8"	124	FT	\$0.83	\$102.30	\$0.55	\$0.40	\$0.95	\$117.80
55	642	STOP LINE	110	FT	\$3.58	\$393.25	\$1.50	\$2.00	\$3.50	\$385.00
56	642	TRANSVERSE/DIAGONAL LINE	55	FT	\$5.50	\$302.50	\$1.00	\$1.75	\$2.75	\$151.25
57	642	RAILROAD SYMBOL MARKING	2	EACH	\$374.00	\$748.00	\$200.00	\$145.00	\$345.00	\$690.00
58	642	LANE ARROW	2	EACH	\$110.00	\$220.00	\$35.00	\$30.00	\$65.00	\$130.00
SIGNALIZATI	ON									
59	632	DETECTOR LOOP, AS PER PLAN	2.00	EACH	\$1,540.00	\$3,080.00	\$1,300.00	\$200.00	\$1,500.00	\$3,000.00
MAINTENAN	ICE OF TRA	AFFIC								
60	410	TRAFFIC COMPACTED SURFACE, TYPE A OR B	75	CY	\$33.00	\$2,475.00	\$50.00	\$30.00	\$80.00	\$6,000.00
61	614	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	55	CY	\$275.00	\$15,125.00	\$100.00	\$150.00	\$250.00	\$13,750.00
62	614	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	40	HOUR	\$77.00	\$3,080.00	\$59.00	\$0.00	\$59.00	\$2,360.00
63	614	DETOUR SIGNING	1	LS	\$5,500.00	\$5,500.00	\$9,100.00	\$5,400.00	\$14,500.00	\$14,500.00
64	614	WORK ZONE CENTER LINE, CLASS I	4.50	MILE	\$1,210.00	\$5,445.00	\$1,000.00	\$800.00	\$1,800.00	\$8,100.00
65	614	WORK ZONE CHANNELIZING LINE, CLASS I	372	FT	\$0.83	\$306.90	\$0.75	\$0.50	\$1.25	\$465.00
66	614	WORK ZONE STOP LINE, CLASS I	330	FT	\$3.58	\$1,179.75	\$2.00	\$1.50	\$3.50	\$1,155.00
67	614	WORK ZONE ARROW, CLASS I	6	EACH	\$110.00	\$660.00	\$35.00	\$20.00	\$55.00	\$330.00
68	614	WORK ZONE RAILROAD SYMBOL MARKING, CLASS I	6	EACH	\$374.00	\$2,244.00	\$200.00	\$100.00	\$300.00	\$1,800.00
69	614	WORK ZONE MARKING SIGN	8	EACH	\$110.00	\$880.00	\$75.00	\$50.00	\$125.00	\$1,000.00
70	616	WATER	55	MGAL	\$27.50	\$1,512.50	\$65.00	\$10.00	\$75.00	\$4,125.00
MISCELLANE	OUS									

RESOLUTION NO. 16-68

					ENGINEERS E	STIMATE	RONYAK PAVING, INC.			
							14376 N. Cheshire Street Burton, Ohio 44021 (440) 834-1988 - Office ● (440) 834-1989 - Fax			
ITEM	REF	ITEM	ITEM							
NO.	NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL	LABOR	MATERIAL	UNIT PRICE	TOTAL
71	614	MAINTAINING TRAFFIC	1.00	LS	\$33,000.00	\$33,000.00	\$82,500.00	\$2,500.00	\$85,000.00	\$85,000.00
72	623	CONSTRUCTION STAKING	1.00	LS	\$27,500.00	\$27,500.00	\$12,000.00	\$500.00	\$12,500.00	\$12,500.00
73	624	MOBILIZATION	1.00	LS	\$44,000.00	\$44,000.00	\$41,000.00	\$0.00	\$41,000.00	\$41,000.00
74	SPECIAL	PRE-CONSTRUCTION VIDEO	1.00	LS	\$2,750.00	\$2,750.00	\$1,150.00	\$350.00	\$1,500.00	\$1,500.00
TOTAL BI	TOTAL BID					\$1,316,592.20				\$1,133,549.55
Contracto	Contractor Bid									\$1,133,299.55
Difference							*Item #27 Add	ing Error		\$250.00