

EXHIBIT "A"

MEDINA COUNTY ENGINEER BID TABULATION

PROJECT NAME: MED-CR17-0.00 PID: 93505

MEDINA COUNTY ENGINEER'S ESTIMATED COST: \$1,668,347.50

BID OPENING DATE: 03/03/2016

REF NO.	ITEM NUMBER	ITEM EXTENSION	ITEM DESCRIPTION	WORK TYPE	UNIT	ESTIMATED QUANTITY	ENGINEER'S ESTIMATE		WORK TYPE	SHELLY		WORK TYPE	CHAGRIN VALLEY		WORK TYPE	KOKOSING		WORK TYPE	CROSSROADS		
							ESTIMATED DOLLARS	UNIT PRICE CTS		TOTAL ESTIMATED PRICE DOLLARS	UNIT PRICE BID CTS		TOTAL BID PRICE DOLLARS	UNIT PRICE BID CTS		TOTAL BID PRICE DOLLARS	UNIT PRICE BID CTS		TOTAL BID PRICE DOLLARS	UNIT PRICE BID CTS	TOTAL BID PRICE DOLLARS
ROADWAY																					
1	202	23000	PAVEMENT REMOVED	NR	SQ.YD.	150	\$25.00	\$3,750.00	Y	\$12.00	\$1,800.00		\$9.00	\$1,350.00		\$21.00	\$3,150.00		\$8.50	\$1,275.00	
2	202	38000	GUARDRAIL REMOVED	NR	FT	187.5	\$2.00	\$375.00	Y	\$1.60	\$300.00		\$1.60	\$300.00		\$1.60	\$300.00		\$1.60	\$300.00	
3	203	00000	TEST HOLE	NR	EACH	2	\$120.00	\$240.00	Y	\$85.00	\$170.00		\$85.00	\$170.00		\$85.00	\$170.00		\$85.00	\$170.00	
4	203	10000	EXCAVATION	6	CU.YD	50	\$30.00	\$1,500.00	Y	\$40.00	\$2,000.00		\$25.00	\$1,250.00		\$35.00	\$1,750.00		\$20.00	\$1,000.00	
5	203	45111	GRANULAR MATERIAL, TYPE B, AS PER PLAN	9	TON	100	\$35.00	\$3,500.00	Y	\$36.25	\$3,625.00		\$36.25	\$3,625.00		\$36.25	\$3,625.00		\$36.25	\$3,625.00	
6	204	10000	SUBGRADE COMPACTION	4	SQ.YD.	225	\$8.00	\$1,800.00	Y	\$2.00	\$450.00		\$1.00	\$225.00		\$2.00	\$450.00		\$1.50	\$337.50	
7	209	60500	LINEAR GRADING	6	MILE	10.85	\$1,500.00	\$16,275.00	Y	\$645.00	\$6,998.25		\$750.00	\$8,137.50		\$1,300.00	\$14,105.00		\$525.00	\$5,696.25	
8	606	15050	GUARDRAIL, TYPE MGS	36	FT	187.5	\$20.00	\$3,750.00		\$19.20	\$3,600.00		\$19.20	\$3,600.00		\$19.20	\$3,600.00		\$19.20	\$3,600.00	
9	606	26150	ANCHOR ASSEMBLY, MGS TYPE E	36	EACH	3	\$2,500.00	\$7,500.00		\$1,865.00	\$5,595.00		\$1,865.00	\$5,595.00		\$1,865.00	\$5,595.00		\$1,865.00	\$5,595.00	
10	606	26550	ANCHOR ASSEMBLY, MGS TYPE T	36	EACH	1	\$1,000.00	\$1,000.00		\$745.00	\$745.00		\$745.00	\$745.00		\$745.00	\$745.00		\$745.00	\$745.00	
11	611	98630	CATCH BASIN ADJUSTED TO GRADE	NR	EACH	4	\$400.00	\$1,600.00	Y	\$225.00	\$900.00		\$300.00	\$1,200.00		\$850.00	\$3,400.00		\$575.00	\$2,300.00	
12	611	99654	MANHOLE ADJUSTED TO GRADE	NR	EACH	4	\$400.00	\$1,600.00	Y	\$225.00	\$900.00		\$300.00	\$1,200.00		\$675.00	\$2,700.00		\$400.00	\$1,600.00	
13	611	99654	CLEVELAND WATER DEPARTMENT MANHOLE ADJUSTED TO GRADE (100% LOCAL)	NR	EACH	1	\$400.00	\$400.00	Y	\$225.00	\$225.00		\$500.00	\$500.00		\$750.00	\$750.00		\$400.00	\$400.00	
14	623	00000	MEDINA COUNTY MONUMENT BOX (100% LOCAL)	NR	EACH	6	\$600.00	\$3,600.00	Y	\$315.00	\$1,890.00		\$500.00	\$3,000.00		\$500.00	\$3,000.00		\$450.00	\$2,700.00	
15	626	00100	BARRIER REFLECTOR	NR	EACH	6	\$10.00	\$60.00	Y	\$5.00	\$30.00		\$5.00	\$30.00		\$5.00	\$30.00		\$5.00	\$30.00	
16	638	00000	MEDINA COUNTY VALVE BOX ADJUSTED TO GRADE	NR	EACH	4	\$400.00	\$1,600.00	Y	\$125.00	\$500.00		\$200.00	\$800.00		\$450.00	\$1,800.00		\$299.00	\$1,196.00	
17	638	00000	CLEVELAND WATER DEPARTMENT VALVE BOX ADJUSTED TO GRADE (100% LOCAL)	NR	EACH	4	\$400.00	\$1,600.00	Y	\$125.00	\$500.00		\$400.00	\$1,600.00		\$625.00	\$2,500.00		\$299.00	\$1,196.00	
18	SPECIAL	69050100	MAILBOX SUPPORT SYSTEM, SINGLE	NR	EACH	5	\$150.00	\$750.00	Y	\$125.00	\$625.00		\$125.00	\$625.00		\$125.00	\$625.00		\$125.00	\$625.00	
ROADWAY TOTAL:							\$50,900.00				\$30,853.25			\$33,952.50			\$48,295.00			\$32,390.75	
EROSION CONTROL																					
19	659	00300	TOPSOIL	46	CU.YD.	50	\$45.00	\$2,250.00	Y	\$50.00	\$2,500.00		\$30.00	\$1,500.00		\$50.00	\$2,500.00		\$40.00	\$2,000.00	
20	659	00510	SEEDING AND MULCHING, CLASS 2	46	SQ.YD.	500	\$4.00	\$2,000.00	Y	\$3.85	\$1,925.00		\$3.85	\$1,925.00		\$3.85	\$1,925.00		\$3.85	\$1,925.00	
21	659	20000	COMMERCIAL FERTILIZER	46	TON	0.10	\$500.00	\$50.00	Y	\$410.00	\$41.00		\$410.00	\$41.00		\$410.00	\$41.00		\$410.00	\$41.00	
22	659	35000	WATER	46	M.GAL	4	\$15.00	\$60.00	Y	\$1.00	\$4.00		\$1.00	\$4.00		\$1.00	\$4.00		\$1.00	\$4.00	
23	832	30000	EROSION CONTROL	8	EACH	2000		\$2,000.00	Y		\$2,000.00			\$2,000.00			\$2,000.00			\$2,000.00	
EROSION CONTROL TOTAL:							\$6,360.00				\$6,470.00			\$5,470.00			\$6,470.00			\$5,970.00	
PAVEMENT																					
24	253	02000	PAVEMENT REPAIR	16	CU.YD.	2009	\$160.00	\$321,440.00	Y	\$135.00	\$271,215.00		\$145.00	\$291,305.00		\$120.00	\$241,080.00		\$158.00	\$317,422.00	
25	254	01001	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN	13	SQ.YD.	72351	\$2.00	\$144,702.00	Y	\$1.55	\$112,144.05		\$1.25	\$90,438.75		\$1.00	\$72,351.00		\$1.50	\$108,526.50	
26	254	01600	PATCHING PLANED SURFACE	13	SQ.YD.	662	\$5.00	\$3,310.00	Y	\$1.00	\$662.00		\$0.50	\$331.00		\$1.50	\$993.00		\$2.50	\$1,655.00	
27	301	46001	ASPHALT CONCRETE BASE, PG 64-22, AS PER PLAN	10	CU.YD.	120	\$160.00	\$19,200.00	Y	\$140.00	\$16,800.00		\$100.00	\$12,000.00		\$108.00	\$12,960.00		\$109.00	\$13,080.00	
28	304	20001	AGGREGATE BASE, AS PER PLAN	9	CU.YD.	65	\$70.00	\$4,550.00	Y	\$50.00	\$3,250.00		\$45.00	\$2,925.00		\$55.00	\$3,575.00		\$66.00	\$4,290.00	
29	407	10000	TACK COAT	11	GAL	7246	\$2.25	\$16,303.50	Y	\$1.75	\$12,680.50		\$1.50	\$10,869.00		\$1.50	\$10,869.00		\$2.00	\$14,492.00	
30	407	14000	TACK COAT FOR INTERMEDIATE COURSE	11	GAL	7326	\$2.25	\$16,483.50	Y	\$1.75	\$12,820.50		\$1.50	\$10,989.00		\$1.50	\$10,989.00		\$2.00	\$14,652.00	
31	441	50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22, AS PER PLAN	10	CU.YD.	2628	\$145.00	\$381,060.00	Y	\$123.00	\$323,244.00		\$115.00	\$302,220.00		\$132.00	\$346,896.00		\$135.00	\$354,780.00	
32	441	50301	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), AS PER PLAN	10	CU.YD.	3661	\$130.00	\$475,930.00	Y	\$100.00	\$366,100.00		\$90.00	\$329,490.00		\$113.00	\$413,693.00		\$110.00	\$402,710.00	
33	441	50401	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22, (DRIVEWAYS), AS PER PLAN	10	CU.YD.	30	\$300.00	\$9,000.00	Y	\$200.00	\$6,000.00		\$175.00	\$5,250.00		\$220.00	\$6,600.00		\$155.00	\$4,650.00	
34	452	12010	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC1	38	SQ.YD.	150	\$60.00	\$9,000.00	Y	\$65.00	\$9,750.00		\$75.00	\$11,250.00		\$55.00	\$8,250.00		\$65.50	\$9,825.00	
35	617	10101	COMPACTED AGGREGATE, AS PER PLAN	6	CU.YD.	1642	\$40.00	\$65,680.00	Y	\$36.25	\$59,522.50		\$30.00	\$49,260.00		\$40.00	\$65,680.00		\$40.00	\$65,680.00	
36	617	25000	WATER	6	M.GAL	39	\$15.00	\$585.00	Y	\$25.00	\$975.00		\$2.00	\$78.00		\$10.00	\$390.00		\$75.00	\$2,925.00	
PAVEMENT TOTAL:							\$1,467,244.00				\$1,195,163.55			\$1,116,405.75			\$1,194,326.00			\$1,314,687.50	

REF NO.	ITEM NUMBER	ITEM EXTENSION	ITEM DESCRIPTION	WORK TYPE	UNIT	ESTIMATED QUANTITY	ENGINEER'S ESTIMATE		WORK TYPE	SHELLY		WORK TYPE	CHAGRIN VALLEY		WORK TYPE	KOKOSING		WORK TYPE	CROSSROADS		
							ESTIMATED DOLLARS	UNIT PRICE I CTS		TOTAL ESTIMATED PRICE I CTS	UNIT PRICE BID I CTS		TOTAL BID PRICE I CTS	UNIT PRICE BID I CTS		TOTAL BID PRICE I CTS	UNIT PRICE BID I CTS		TOTAL BID PRICE I CTS	UNIT PRICE BID I CTS	TOTAL BID PRICE I CTS
TRAFFIC CONTROL																					
37	632	26501	DETECTOR LOOP, AS PER PLAN	44	EACH	6	\$1,400.00	\$8,400.00		\$950.00	\$5,700.00		\$1,200.00	\$7,200.00		\$950.00	\$5,700.00		\$1,200.00	\$7,200.00	
38	642	00100	EDGE LINE, 4", TYPE 1	45	MILE	11.22	\$700.00	\$7,854.00	Y	\$420.00	\$4,712.40		\$420.00	\$4,712.40		\$420.00	\$4,712.40		\$420.00	\$4,712.40	
39	642	00300	CENTER LINE, TYPE 1	45	MILE	5.63	\$950.00	\$5,348.50	Y	\$700.00	\$3,941.00		\$700.00	\$3,941.00		\$700.00	\$3,941.00		\$700.00	\$3,941.00	
40	642	00400	CHANNELIZING LINE, 8", TYPE 1	45	FT	515	\$1.00	\$515.00	Y	\$0.50	\$257.50		\$0.50	\$257.50		\$0.50	\$257.50		\$0.50	\$257.50	
41	642	00500	STOP LINE, TYPE 1	45	FT	274	\$4.00	\$1,096.00	Y	\$2.25	\$616.50		\$2.25	\$616.50		\$2.25	\$616.50		\$2.25	\$616.50	
42	642	00600	CROSSWALK LINE, TYPE 1	45	FT	240	\$3.00	\$720.00	Y	\$1.85	\$444.00		\$1.85	\$444.00		\$1.85	\$444.00		\$1.85	\$444.00	
43	642	00700	TRANSVERSE/DIAGONAL LINE, TYPE 1 (YELLOW)	45	FT	148	\$3.00	\$444.00	Y	\$2.25	\$333.00		\$2.25	\$333.00		\$2.25	\$333.00		\$2.25	\$333.00	
44	642	01100	SCHOOL MARKING SYMBOL, 72", TYPE 1	45	EACH	2	\$180.00	\$360.00	Y	\$100.00	\$200.00		\$100.00	\$200.00		\$100.00	\$200.00		\$100.00	\$200.00	
45	642	01300	LANE ARROW, TYPE 1	45	EACH	6	\$50.00	\$300.00	Y	\$38.00	\$228.00		\$38.00	\$228.00		\$38.00	\$228.00		\$38.00	\$228.00	
46	642	01400	WORD ON PAVEMENT, 72", TYPE 1	45	EACH	3	\$100.00	\$300.00	Y	\$75.00	\$225.00		\$75.00	\$225.00		\$75.00	\$225.00		\$75.00	\$225.00	
							\$25,337.50			\$16,657.40			\$18,157.40			\$16,657.40			\$18,157.40		
MAINTENANCE OF TRAFFIC																					
47	614	13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	39	CU.YD.	25	\$125.00	\$3,125.00	Y	\$115.00	\$2,875.00		\$75.00	\$1,875.00		\$150.00	\$3,750.00		\$165.00	\$4,125.00	
48	614	21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT	39	MILE	11.22	\$1,000.00	\$11,220.00	Y	\$775.00	\$8,695.50		\$775.00	\$8,695.50		\$775.00	\$8,695.50		\$775.00	\$8,695.50	
49	614	21500	WORK ZONE CENTER LINE, CLASS II, 642 PAINT	39	MILE	16.83	\$400.00	\$6,732.00	Y	\$300.00	\$5,049.00		\$300.00	\$5,049.00		\$300.00	\$5,049.00		\$300.00	\$5,049.00	
50	614	23200	WORK ZONE CHANNELIZING LINE, CLASS I, 642 PAINT	39	FT	1030	\$1.00	\$1,030.00	Y	\$0.35	\$360.50		\$0.35	\$360.50		\$0.35	\$360.50		\$0.35	\$360.50	
51	614	26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT	39	FT	548	\$3.00	\$1,644.00	Y	\$2.00	\$1,096.00		\$2.00	\$1,096.00		\$2.00	\$1,096.00		\$2.00	\$1,096.00	
52	614	27200	WORK ZONE CROSSWALK LINE, CLASS I, 642 PAINT	39	FT	480	\$40.00	\$19,200.00	Y	\$1.50	\$720.00		\$1.50	\$720.00		\$1.50	\$720.00		\$1.50	\$720.00	
53	614	30200	WORK ZONE ARROW, CLASS I, 642 PAINT	39	EACH	12	\$40.00	\$480.00	Y	\$25.00	\$300.00		\$25.00	\$300.00		\$25.00	\$300.00		\$25.00	\$300.00	
54	616	10000	WATER	39	M.GAL	5	\$15.00	\$75.00	Y	\$25.00	\$125.00		\$10.00	\$50.00		\$10.00	\$50.00		\$75.00	\$375.00	
							\$43,506.00			\$19,221.00			\$18,146.00			\$20,021.00			\$20,721.00		
MISCELLANEOUS																					
54	614	11000	MAINTAINING TRAFFIC	39		LUMP	\$35,000.00	\$35,000.00	Y	\$76,350.00	\$76,350.00		\$84,000.00	\$84,000.00		\$82,360.00	\$82,360.00		\$21,000.00	\$21,000.00	
55	624	10000	MOBILIZATION	NR		LUMP	\$40,000.00	\$40,000.00	Y	\$40,000.00	\$40,000.00		\$114,000.00	\$114,000.00		\$40,000.00	\$40,000.00		\$27,750.00	\$27,750.00	
							\$75,000.00			\$116,350.00			\$198,000.00			\$122,360.00			\$48,750.00		
							\$1,668,347.50			\$1,384,715.20			\$1,390,131.65			\$1,408,129.40			\$1,440,676.65		

Prequalified Total \$1,369,075.20

Prequalified % 98.87%

EXHIBIT "A"

MEDINA COUNTY ENGINEER BID TABULATION

PROJECT NAME: MED-CR17-0.00 PID: 93505

MEDINA COUNTY ENGINEER'S ESTIMATED COST: \$1,668,347.50

BID OPENING DATE: 03/03/2016

REF NO.	ITEM NUMBER	ITEM EXTENSION	ITEM DESCRIPTION	WORK TYPE	UNIT	ESTIMATED QUANTITY	ENGINEER'S ESTIMATE		BARBICAS		KARVO		MELWAY		BURTON SCOT		PERRIN	
							ESTIMATED DOLLARS	UNIT PRICE CTS	TOTAL ESTIMATED PRICE DOLLARS	UNIT PRICE BID CTS	TOTAL BID PRICE DOLLARS	UNIT PRICE BID CTS	TOTAL BID PRICE DOLLARS	UNIT PRICE BID CTS	TOTAL BID PRICE DOLLARS	UNIT PRICE BID CTS	TOTAL BID PRICE DOLLARS	UNIT PRICE BID CTS
ROADWAY																		
1	202	23000	PAVEMENT REMOVED	NR	SQ.YD.	150	\$25.00	\$3,750.00	\$25.00	\$3,750.00	\$18.25	\$2,737.50	\$9.00	\$1,350.00	\$20.00	\$3,000.00	\$20.00	\$3,000.00
2	202	38000	GUARDRAIL REMOVED	NR	FT	187.5	\$2.00	\$375.00	\$1.60	\$300.00	\$1.60	\$300.00	\$2.50	\$468.75	\$1.60	\$300.00	\$10.00	\$1,875.00
3	203	00000	TEST HOLE	NR	EACH	2	\$120.00	\$240.00	\$85.00	\$170.00	\$85.00	\$170.00	\$75.00	\$150.00	\$85.00	\$170.00	\$250.00	\$500.00
4	203	10000	EXCAVATION	6	CU.YD	50	\$30.00	\$1,500.00	\$20.00	\$1,000.00	\$55.00	\$2,750.00	\$13.00	\$650.00	\$51.00	\$2,550.00	\$50.00	\$2,500.00
5	203	45111	GRANULAR MATERIAL, TYPE B, AS PER PLAN	9	TON	100	\$35.00	\$3,500.00	\$36.25	\$3,625.00	\$36.25	\$3,625.00	\$40.00	\$4,000.00	\$36.25	\$3,625.00	\$50.00	\$5,000.00
6	204	10000	SUBGRADE COMPACTION	4	SQ.YD.	225	\$8.00	\$1,800.00	\$2.00	\$450.00	\$1.00	\$225.00	\$1.10	\$247.50	\$3.00	\$675.00	\$10.00	\$2,250.00
7	209	60500	LINEAR GRADING	6	MILE	10.85	\$1,500.00	\$16,275.00	\$800.00	\$8,680.00	\$900.00	\$9,765.00	\$1,000.00	\$10,850.00	\$1,200.00	\$13,020.00	\$1,400.00	\$15,190.00
8	606	15050	GUARDRAIL, TYPE MGS	36	FT	187.5	\$20.00	\$3,750.00	\$19.20	\$3,600.00	\$19.20	\$3,600.00	\$20.00	\$3,750.00	\$19.20	\$3,600.00	\$20.00	\$3,750.00
9	606	26150	ANCHOR ASSEMBLY, MGS TYPE E	36	EACH	3	\$2,500.00	\$7,500.00	\$1,865.00	\$5,595.00	\$1,865.00	\$5,595.00	\$2,200.00	\$6,600.00	\$1,865.00	\$5,595.00	\$2,300.00	\$6,900.00
10	606	26550	ANCHOR ASSEMBLY, MGS TYPE T	36	EACH	1	\$1,000.00	\$1,000.00	\$745.00	\$745.00	\$600.00	\$600.00	\$800.00	\$800.00	\$745.00	\$745.00	\$800.00	\$800.00
11	611	98630	CATCH BASIN ADJUSTED TO GRADE	NR	EACH	4	\$400.00	\$1,600.00	\$650.00	\$2,600.00	\$600.00	\$2,400.00	\$900.00	\$3,600.00	\$700.00	\$2,800.00	\$650.00	\$2,600.00
12	611	99654	MANHOLE ADJUSTED TO GRADE	NR	EACH	4	\$400.00	\$1,600.00	\$325.00	\$1,300.00	\$600.00	\$2,400.00	\$600.00	\$2,400.00	\$750.00	\$3,000.00	\$650.00	\$2,600.00
13	611	99654	CLEVELAND WATER DEPARTMENT MANHOLE ADJUSTED TO GRADE (100% LOCAL)	NR	EACH	1	\$400.00	\$400.00	\$325.00	\$325.00	\$600.00	\$600.00	\$700.00	\$700.00	\$600.00	\$600.00	\$650.00	\$650.00
14	623	00000	MEDINA COUNTY MONUMENT BOX (100% LOCAL)	NR	EACH	6	\$600.00	\$3,600.00	\$400.00	\$2,400.00	\$600.00	\$3,600.00	\$500.00	\$3,000.00	\$450.00	\$2,700.00	\$750.00	\$4,500.00
15	626	00100	BARRIER REFLECTOR	NR	EACH	6	\$10.00	\$60.00	\$5.00	\$30.00	\$5.00	\$30.00	\$10.00	\$60.00	\$5.00	\$30.00	\$15.00	\$90.00
16	638	00000	MEDINA COUNTY VALVE BOX ADJUSTED TO GRADE	NR	EACH	4	\$400.00	\$1,600.00	\$200.00	\$800.00	\$400.00	\$1,600.00	\$450.00	\$1,800.00	\$400.00	\$1,600.00	\$350.00	\$1,400.00
17	638	00000	CLEVELAND WATER DEPARTMENT VALVE BOX ADJUSTED TO GRADE (100% LOCAL)	NR	EACH	4	\$400.00	\$1,600.00	\$200.00	\$800.00	\$400.00	\$1,600.00	\$600.00	\$2,400.00	\$400.00	\$1,600.00	\$350.00	\$1,400.00
18	SPECIAL	69050100	MAILBOX SUPPORT SYSTEM, SINGLE	NR	EACH	5	\$150.00	\$750.00	\$125.00	\$625.00	\$125.00	\$625.00	\$125.00	\$625.00	\$250.00	\$1,250.00	\$500.00	\$2,500.00
ROADWAY TOTAL:							\$50,900.00		\$36,795.00		\$42,222.50		\$43,451.25		\$46,860.00		\$57,505.00	
EROSION CONTROL																		
19	659	00300	TOPSOIL	46	CU.YD.	50	\$45.00	\$2,250.00	\$38.00	\$1,900.00	\$40.00	\$2,000.00	\$70.00	\$3,500.00	\$38.50	\$1,925.00	\$50.00	\$2,500.00
20	659	00510	SEEDING AND MULCHING, CLASS 2	46	SQ.YD.	500	\$4.00	\$2,000.00	\$2.20	\$1,100.00	\$2.50	\$1,250.00	\$7.50	\$3,750.00	\$2.50	\$1,250.00	\$5.00	\$2,500.00
21	659	20000	COMMERCIAL FERTILIZER	46	TON	0.10	\$500.00	\$50.00	\$1,000.00	\$100.00	\$500.00	\$50.00	\$550.00	\$55.00	\$750.00	\$75.00	\$1,000.00	\$100.00
22	659	35000	WATER	46	M.GAL	4	\$15.00	\$60.00	\$100.00	\$400.00	\$1.00	\$4.00	\$250.00	\$1,000.00	\$50.00	\$200.00	\$150.00	\$600.00
23	832	30000	EROSION CONTROL	8	EACH	2000		\$2,000.00		\$2,000.00		\$2,000.00		\$2,000.00		\$2,000.00		\$2,000.00
EROSION CONTROL TOTAL:							\$6,360.00		\$5,500.00		\$5,304.00		\$10,305.00		\$5,450.00		\$7,700.00	
PAVEMENT																		
24	253	02000	PAVEMENT REPAIR	16	CU.YD.	2009	\$160.00	\$321,440.00	\$125.00	\$251,125.00	\$130.00	\$261,170.00	\$120.00	\$241,080.00	\$150.00	\$301,350.00	\$200.00	\$401,800.00
25	254	01001	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN	13	SQ.YD.	72351	\$2.00	\$144,702.00	\$1.50	\$108,526.50	\$1.38	\$99,844.38	\$0.70	\$50,645.70	\$1.50	\$108,526.50	\$1.65	\$119,379.15
26	254	01600	PATCHING PLANED SURFACE	13	SQ.YD.	662	\$5.00	\$3,310.00	\$2.00	\$1,324.00	\$0.50	\$331.00	\$8.00	\$5,296.00	\$2.00	\$1,324.00	\$10.00	\$6,620.00
27	301	46001	ASPHALT CONCRETE BASE, PG 64-22, AS PER PLAN	10	CU.YD.	120	\$160.00	\$19,200.00	\$130.00	\$15,600.00	\$180.00	\$21,600.00	\$135.00	\$16,200.00	\$235.00	\$28,200.00	\$130.00	\$15,600.00
28	304	20001	AGGREGATE BASE, AS PER PLAN	9	CU.YD.	65	\$70.00	\$4,550.00	\$45.00	\$2,925.00	\$110.00	\$7,150.00	\$60.00	\$3,900.00	\$95.00	\$6,175.00	\$100.00	\$6,500.00
29	407	10000	TACK COAT	11	GAL	7246	\$2.25	\$16,303.50	\$2.00	\$14,492.00	\$1.50	\$10,869.00	\$2.00	\$14,492.00	\$2.00	\$14,492.00	\$2.00	\$14,492.00
30	407	14000	TACK COAT FOR INTERMEDIATE COURSE	11	GAL	7326	\$2.25	\$16,483.50	\$2.00	\$14,652.00	\$1.50	\$10,989.00	\$2.00	\$14,652.00	\$2.00	\$14,652.00	\$2.00	\$14,652.00
31	441	50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22, AS PER PLAN	10	CU.YD.	2628	\$145.00	\$381,060.00	\$130.25	\$342,297.00	\$122.00	\$320,616.00	\$140.00	\$367,920.00	\$145.00	\$381,060.00	\$126.00	\$331,128.00
32	441	50301	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), AS PER PLAN	10	CU.YD.	3661	\$130.00	\$475,930.00	\$106.00	\$388,066.00	\$105.00	\$384,405.00	\$130.00	\$475,930.00	\$120.00	\$439,320.00	\$108.00	\$395,388.00
33	441	50401	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22, (DRIVEWAYS), AS PER PLAN	10	CU.YD.	30	\$300.00	\$9,000.00	\$370.00	\$11,100.00	\$330.00	\$9,900.00	\$200.00	\$6,000.00	\$230.00	\$6,900.00	\$200.00	\$6,000.00
34	452	12010	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC1	38	SQ.YD.	150	\$60.00	\$9,000.00	\$70.00	\$10,500.00	\$65.00	\$9,750.00	\$120.00	\$18,000.00	\$100.00	\$15,000.00	\$90.00	\$13,500.00
35	617	10101	COMPACTED AGGREGATE, AS PER PLAN	6	CU.YD.	1642	\$40.00	\$65,680.00	\$50.00	\$82,100.00	\$35.00	\$57,470.00	\$45.00	\$73,890.00	\$65.00	\$106,730.00	\$50.00	\$82,100.00
36	617	25000	WATER	6	M.GAL	39	\$15.00	\$585.00	\$10.00	\$390.00	\$1.00	\$39.00	\$70.00	\$2,730.00	\$50.00	\$1,950.00	\$1.00	\$39.00
PAVEMENT TOTAL:							\$1,467,244.00		\$1,243,097.50		\$1,194,133.38		\$1,290,735.70		\$1,425,679.50		\$1,407,198.15	

REF NO.	ITEM NUMBER	ITEM EXTENSION	ITEM DESCRIPTION	WORK TYPE	UNIT	ESTIMATED QUANTITY	ENGINEER'S ESTIMATE		WORK TYPE	BARBICAS		WORK TYPE	KARVO		WORK TYPE	MELWAY		WORK TYPE	BURTON SCOT		WORK TYPE	PERRIN	
							ESTIMATED DOLLARS	UNIT PRICE I CTS		TOTAL ESTIMATED PRICE I CTS	UNIT PRICE BID I CTS		TOTAL BID PRICE I CTS	UNIT PRICE BID I CTS		TOTAL BID PRICE I CTS	UNIT PRICE BID I CTS		TOTAL BID PRICE I CTS	UNIT PRICE BID I CTS		TOTAL BID PRICE I CTS	UNIT PRICE BID I CTS
TRAFFIC CONTROL																							
37	632	26501	DETECTOR LOOP, AS PER PLAN	44	EACH	6	\$1,400.00	\$8,400.00		\$1,250.00	\$7,500.00		\$950.00	\$5,700.00		\$1,400.00	\$8,400.00		\$1,200.00	\$7,200.00		\$1,500.00	\$9,000.00
38	642	00100	EDGE LINE, 4", TYPE 1	45	MILE	11.22	\$700.00	\$7,854.00		\$420.00	\$4,712.40		\$420.00	\$4,712.40		\$430.00	\$4,824.60		\$420.00	\$4,712.40		\$450.00	\$5,049.00
39	642	00300	CENTER LINE, TYPE 1	45	MILE	5.63	\$950.00	\$5,348.50		\$700.00	\$3,941.00		\$700.00	\$3,941.00		\$725.00	\$4,081.75		\$700.00	\$3,941.00		\$750.00	\$4,222.50
40	642	00400	CHANNELIZING LINE, 8", TYPE 1	45	FT	515	\$1.00	\$515.00		\$0.50	\$257.50		\$0.50	\$257.50		\$0.50	\$257.50		\$0.50	\$257.50		\$0.55	\$283.25
41	642	00500	STOP LINE, TYPE 1	45	FT	274	\$4.00	\$1,096.00		\$2.25	\$616.50		\$2.25	\$616.50		\$2.50	\$685.00		\$2.25	\$616.50		\$2.40	\$657.60
42	642	00600	CROSSWALK LINE, TYPE 1	45	FT	240	\$3.00	\$720.00		\$1.85	\$444.00		\$1.85	\$444.00		\$2.00	\$480.00		\$1.85	\$444.00		\$2.00	\$480.00
43	642	00700	TRANSVERSE/DIAGONAL LINE, TYPE 1 (YELLOW)	45	FT	148	\$3.00	\$444.00		\$2.25	\$333.00		\$2.25	\$333.00		\$2.50	\$370.00		\$2.25	\$333.00		\$2.40	\$355.20
44	642	01100	SCHOOL MARKING SYMBOL, 72", TYPE 1	45	EACH	2	\$180.00	\$360.00		\$100.00	\$200.00		\$100.00	\$200.00		\$100.00	\$200.00		\$100.00	\$200.00		\$110.00	\$220.00
45	642	01300	LANE ARROW, TYPE 1	45	EACH	6	\$50.00	\$300.00		\$38.00	\$228.00		\$38.00	\$228.00		\$40.00	\$240.00		\$38.00	\$228.00		\$40.00	\$240.00
46	642	01400	WORD ON PAVEMENT, 72", TYPE 1	45	EACH	3	\$100.00	\$300.00		\$75.00	\$225.00		\$75.00	\$225.00		\$80.00	\$240.00		\$75.00	\$225.00		\$80.00	\$240.00
							\$25,337.50			\$18,457.40			\$16,657.40			\$19,778.85			\$18,157.40			\$20,747.55	
MAINTENANCE OF TRAFFIC																							
47	614	13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	39	CU.YD.	25	\$125.00	\$3,125.00		\$122.00	\$3,050.00		\$175.00	\$4,375.00		\$150.00	\$3,750.00		\$200.00	\$5,000.00		\$200.00	\$5,000.00
48	614	21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT	39	MILE	11.22	\$1,000.00	\$11,220.00		\$775.00	\$8,695.50		\$775.00	\$8,695.50		\$800.00	\$8,976.00		\$775.00	\$8,695.50		\$840.00	\$9,424.80
49	614	21500	WORK ZONE CENTER LINE, CLASS II, 642 PAINT	39	MILE	16.83	\$400.00	\$6,732.00		\$300.00	\$5,049.00		\$300.00	\$5,049.00		\$300.00	\$5,049.00		\$300.00	\$5,049.00		\$325.00	\$5,469.75
50	614	23200	WORK ZONE CHANNELIZING LINE, CLASS I, 642 PAINT	39	FT	1030	\$1.00	\$1,030.00		\$0.35	\$360.50		\$0.35	\$360.50		\$0.35	\$360.50		\$0.35	\$360.50		\$0.40	\$412.00
51	614	26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT	39	FT	548	\$3.00	\$1,644.00		\$2.00	\$1,096.00		\$2.00	\$1,096.00		\$2.00	\$1,096.00		\$2.00	\$1,096.00		\$2.20	\$1,205.60
52	614	27200	WORK ZONE CROSSWALK LINE, CLASS I, 642 PAINT	39	FT	480	\$40.00	\$19,200.00		\$1.50	\$720.00		\$1.50	\$720.00		\$1.50	\$720.00		\$1.50	\$720.00		\$1.65	\$792.00
53	614	30200	WORK ZONE ARROW, CLASS I, 642 PAINT	39	EACH	12	\$40.00	\$480.00		\$25.00	\$300.00		\$25.00	\$300.00		\$25.00	\$300.00		\$25.00	\$300.00		\$30.00	\$360.00
54	616	10000	WATER	39	M.GAL	5	\$15.00	\$75.00		\$10.00	\$50.00		\$1.00	\$5.00		\$65.00	\$325.00		\$50.00	\$250.00		\$100.00	\$500.00
							\$43,506.00			\$19,321.00			\$20,601.00			\$20,576.50			\$21,471.00			\$23,164.15	
MISCELLANEOUS																							
54	614	11000	MAINTAINING TRAFFIC	39		LUMP	\$35,000.00	\$35,000.00		\$60,000.00	\$60,000.00		\$125,000.00	\$125,000.00		\$92,000.00	\$92,000.00		\$20,000.00	\$20,000.00		\$60,000.00	\$60,000.00
55	624	10000	MOBILIZATION	NR		LUMP	\$40,000.00	\$40,000.00		\$60,000.00	\$60,000.00		\$40,400.00	\$40,400.00		\$10,000.00	\$10,000.00		\$40,000.00	\$40,000.00		\$40,000.00	\$40,000.00
							\$75,000.00			\$120,000.00			\$165,400.00			\$102,000.00			\$60,000.00			\$100,000.00	
							\$1,668,347.50			\$1,443,170.90			\$1,444,318.28			\$1,486,847.30			\$1,577,617.90			\$1,616,314.85	