

BERLIN ROAD WATERMAIN REPLACEMENT ENGINEER ESTIMATE							Underground Utilities				Driven Excavating				Buckeye Excavating			
REF. NO.	ODOT ITEM	ITEM DESCRIPTION	TOTAL QNTY	UNIT	TOTAL UNIT PRICE	BID ITEM TOTAL	LABOR UNIT PRICE	MATL UNIT PRICE	TOTAL UNIT PRICE	BID ITEM TOTAL	LABOR UNIT PRICE	MATL UNIT PRICE	TOTAL UNIT PRICE	BID ITEM TOTAL	LABOR UNIT PRICE	MATL UNIT PRICE	TOTAL UNIT PRICE	BID ITEM TOTAL
ROADWAY																		
1	202	CURB REMOVED	10	FT	\$ 20.00	\$ 200.00	\$ 0.60	\$ 1.40	\$ 2.00	\$ 20.00	\$ 1.00	\$ 3.00	\$ 4.00	\$ 40.00	\$ 4.00	\$ -	\$ 4.00	\$ 40.00
2	202	PIPE REMOVED, 24" AND UNDER	136	FT	\$ 8.00	\$ 1,088.00	\$ 0.30	\$ 0.70	\$ 1.00	\$ 136.00	\$ 2.00	\$ 3.00	\$ 5.00	\$ 680.00	\$ 8.00	\$ -	\$ 8.00	\$ 1,088.00
3	202	REMOVAL MISC.: GATE VALVE REMOVED AND DISPOSE	1	EACH	\$ 120.00	\$ 120.00	\$ 450.00	\$ 1,050.00	\$ 1,500.00	\$ 1,500.00	\$ 25.00	\$ 50.00	\$ 75.00	\$ 75.00	\$ 450.00	\$ -	\$ 450.00	\$ 450.00
4	202	ABANDON MISC.: WATER MAIN ABANDONED IN PLACE, TYPE 1	3810	FT	\$ 1.00	\$ 3,810.00	\$ 0.30	\$ 0.70	\$ 1.00	\$ 3,810.00	\$ 0.20	\$ 0.20	\$ 0.40	\$ 1,524.00	\$ 1.00	\$ 1.00	\$ 2.00	\$ 7,620.00
5	202	ABANDON MISC.: WATER MAIN ABANDONED IN PLACE, TYPE 2	495	FT	\$ 10.00	\$ 4,950.00	\$ 2.40	\$ 5.60	\$ 8.00	\$ 3,960.00	\$ 0.10	\$ 0.10	\$ 0.20	\$ 99.00	\$ 3.00	\$ 2.00	\$ 5.00	\$ 2,475.00
EROSION CONTROL																		
101	653	TOPSOIL FURNISHED AND PLACED, AS PER PLAN	310	SY	\$ 8.00	\$ 2,480.00	\$ 6.00	\$ 14.00	\$ 20.00	\$ 6,200.00	\$ 7.00	\$ 20.00	\$ 27.00	\$ 8,370.00	\$ 11.50	\$ 2.00	\$ 13.50	\$ 4,185.00
102	SPECIAL	FILTER FABRIC FENCE	10845	FT	\$ 1.00	\$ 10,845.00	\$ 0.08	\$ 0.17	\$ 0.25	\$ 2,711.25	\$ 0.50	\$ 1.00	\$ 1.50	\$ 16,267.50	\$ 0.50	\$ 0.50	\$ 1.00	\$ 10,845.00
103	SPECIAL	INLET PROTECTION	30	EACH	\$ 125.00	\$ 3,750.00	\$ 30.00	\$ 70.00	\$ 100.00	\$ 3,000.00	\$ 20.00	\$ 22.00	\$ 42.00	\$ 1,260.00	\$ 40.00	\$ 50.00	\$ 90.00	\$ 2,700.00
DRAINAGE																		
201	605	4' BASE PIPE UNDERDRAIN	10	FT	\$ 10.00	\$ 100.00	\$ 3.00	\$ 7.00	\$ 10.00	\$ 100.00	\$ 4.50	\$ 9.50	\$ 14.00	\$ 140.00	\$ 5.00	\$ 11.00	\$ 16.00	\$ 160.00
PAVEMENT																		
301	254	1.5" PAVEMENT PLANING, ASPHALT CONCRETE	4492	SY	\$ 2.00	\$ 8,984.00	\$ 0.75	\$ 1.75	\$ 2.50	\$ 11,230.00	\$ 1.00	\$ 2.00	\$ 3.00	\$ 13,476.00	\$ 2.25	\$ -	\$ 2.25	\$ 10,107.00
302	254	3" PAVEMENT PLANING, ASPHALT CONCRETE	4396	SY	\$ 3.00	\$ 13,188.00	\$ 0.99	\$ 2.31	\$ 3.30	\$ 14,506.80	\$ 1.00	\$ 2.50	\$ 3.50	\$ 15,386.00	\$ 3.25	\$ -	\$ 3.25	\$ 14,287.00
303	255	FULL DEPTH REPAIR, MISC.: WATER MAIN TRENCH REPAIR	2581	SY	\$ 75.00	\$ 193,575.00	\$ 15.00	\$ 35.00	\$ 50.00	\$ 129,050.00	\$ 4.00	\$ 39.00	\$ 43.00	\$ 110,983.00	\$ 23.00	\$ 47.00	\$ 70.00	\$ 180,670.00
304	304	AGGREGATE BASE, AS PER PLAN (AGGREGATE DRIVE)	11	SY	\$ 35.00	\$ 385.00	\$ 6.00	\$ 14.00	\$ 20.00	\$ 220.00	\$ 2.00	\$ 5.00	\$ 7.00	\$ 77.00	\$ 5.00	\$ 5.00	\$ 10.00	\$ 110.00
305	407	TACK COAT (APPLIED @ 0.08 GAL/SY)	717	GAL	\$ 4.00	\$ 2,868.00	\$ 0.60	\$ 1.40	\$ 2.00	\$ 1,434.00	\$ 0.50	\$ 1.50	\$ 2.00	\$ 1,434.00	\$ 0.50	\$ 1.50	\$ 2.00	\$ 1,434.00
306	407	TACK COAT, 702.13 (APPLIED @ 0.08 GAL/SY)	214	GAL	\$ 4.00	\$ 856.00	\$ 0.87	\$ 2.03	\$ 2.90	\$ 620.60	\$ 0.90	\$ 2.00	\$ 2.90	\$ 620.60	\$ 0.50	\$ 2.50	\$ 3.00	\$ 642.00
307	407	TACK COAT (APPLIED @ 0.05 GAL/SY)	252	GAL	\$ 4.00	\$ 1,008.00	\$ 0.60	\$ 1.40	\$ 2.00	\$ 504.00	\$ 0.50	\$ 1.50	\$ 2.00	\$ 504.00	\$ 0.50	\$ 1.50	\$ 2.00	\$ 504.00
308	441	1-1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	400	CY	\$ 175.00	\$ 70,000.00	\$ 41.40	\$ 96.60	\$ 138.00	\$ 55,200.00	\$ 52.00	\$ 92.00	\$ 144.00	\$ 57,600.00	\$ 31.00	\$ 120.00	\$ 151.00	\$ 60,400.00
309	441	1-1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448)	213	CY	\$ 170.00	\$ 36,210.00	\$ 41.40	\$ 96.60	\$ 138.00	\$ 29,394.00	\$ 50.00	\$ 94.00	\$ 144.00	\$ 30,672.00	\$ 31.00	\$ 120.00	\$ 151.00	\$ 32,163.00
310	441	ASPHALT CONCRETE, MISC.: ASPHALT DRIVE	20	SY	\$ 50.00	\$ 1,000.00	\$ 51.00	\$ 119.00	\$ 170.00	\$ 3,400.00	\$ 60.00	\$ 105.00	\$ 165.00	\$ 3,300.00	\$ 151.00	\$ 50.00	\$ 201.00	\$ 4,020.00
311	452	NON-REINFORCED CONCRETE PAVEMENT, MISC.: CONCRETE DRIVE	57	SY	\$ 65.00	\$ 3,705.00	\$ 33.00	\$ 77.00	\$ 110.00	\$ 6,270.00	\$ 100.00	\$ 120.00	\$ 220.00	\$ 12,540.00	\$ 51.00	\$ 40.00	\$ 91.00	\$ 5,187.00
312	609	CURB, TYPE 2-B	10	FT	\$ 50.00	\$ 500.00	\$ 18.00	\$ 42.00	\$ 60.00	\$ 600.00	\$ 10.00	\$ 35.00	\$ 45.00	\$ 450.00	\$ 30.00	\$ 15.00	\$ 45.00	\$ 450.00
313	251	PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN, TYPE 'B'	27	SY	\$ 45.00	\$ 1,215.00	\$ 66.00	\$ 154.00	\$ 220.00	\$ 5,940.00	\$ 80.00	\$ 140.00	\$ 220.00	\$ 5,940.00	\$ 160.00	\$ 80.00	\$ 240.00	\$ 6,480.00

BERLIN ROAD WATERMAIN REPLACEMENT ENGINEER ESTIMATE							Underground Utilities				Driven Excavating				Buckeye Excavating			
REF. NO.	ODOT ITEM	ITEM DESCRIPTION	TOTAL QNTY	UNIT	TOTAL UNIT PRICE	BID ITEM TOTAL	LABOR UNIT PRICE	MATL UNIT PRICE	TOTAL UNIT PRICE	BID ITEM TOTAL	LABOR UNIT PRICE	MATL UNIT PRICE	TOTAL UNIT PRICE	BID ITEM TOTAL	LABOR UNIT PRICE	MATL UNIT PRICE	TOTAL UNIT PRICE	BID ITEM TOTAL
WATER WORKS																		
401	638	6" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS, AWWA C-900, DR 18	398	FT	\$ 70.00	\$ 27,860.00	\$ 15.00	\$ 35.00	\$ 50.00	\$ 19,900.00	\$ 20.00	\$ 40.00	\$ 60.00	\$ 23,880.00	\$ 36.00	\$ 24.00	\$ 60.00	\$ 23,880.00
402	638	8" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS, AWWA C-900 DR 18	4496	FT	\$ 70.00	\$ 314,720.00	\$ 20.40	\$ 47.60	\$ 68.00	\$ 305,728.00	\$ 34.00	\$ 39.00	\$ 73.00	\$ 328,208.00	\$ 25.00	\$ 32.00	\$ 57.00	\$ 256,272.00
403	638	12" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS, AWWA C-900 DR 18	385	FT	\$ 100.00	\$ 38,500.00	\$ 21.60	\$ 50.40	\$ 72.00	\$ 27,720.00	\$ 2.00	\$ 28.00	\$ 30.00	\$ 11,550.00	\$ 11.00	\$ 40.00	\$ 51.00	\$ 19,635.00
404	638	20" STEEL PIPE ENCASUREMENT, BORED OR JACKED	351	FT	\$ 350.00	\$ 122,850.00	\$ 60.00	\$ 140.00	\$ 200.00	\$ 70,200.00	\$ 61.00	\$ 200.00	\$ 261.00	\$ 91,611.00	\$ 165.00	\$ 135.00	\$ 300.00	\$ 105,300.00
405	638	1" COPPER SERVICE BRANCH	1455	FT	\$ 25.00	\$ 36,375.00	\$ 12.00	\$ 28.00	\$ 40.00	\$ 58,200.00	\$ 10.00	\$ 20.00	\$ 30.00	\$ 43,650.00	\$ 30.00	\$ 18.00	\$ 48.00	\$ 69,840.00
406	638	POLYETHELENE ENCASUREMENT	485	FT	\$ 1.00	\$ 485.00	\$ 0.30	\$ 0.70	\$ 1.00	\$ 485.00	\$ 0.50	\$ 0.50	\$ 1.00	\$ 485.00	\$ 0.60	\$ 0.40	\$ 1.00	\$ 485.00
407	638	6" GATE VALVE AND VALVE BOX	18	EACH	\$ 800.00	\$ 14,400.00	\$ 300.00	\$ 700.00	\$ 1,000.00	\$ 18,000.00	\$ 20.00	\$ 967.00	\$ 987.00	\$ 17,766.00	\$ 170.00	\$ 905.00	\$ 1,075.00	\$ 19,350.00
408	638	8" GATE VALVE AND VALVE BOX	10	EACH	\$ 1,200.00	\$ 12,000.00	\$ 420.00	\$ 980.00	\$ 1,400.00	\$ 14,000.00	\$ 20.00	\$ 1,297.00	\$ 1,317.00	\$ 13,170.00	\$ 170.00	\$ 1,415.00	\$ 1,585.00	\$ 15,850.00
409	638	6" FIRE HYDRANT	18	EACH	\$ 4,000.00	\$ 72,000.00	\$ 1,500.00	\$ 3,500.00	\$ 5,000.00	\$ 90,000.00	\$ 700.00	\$ 3,000.00	\$ 3,700.00	\$ 66,600.00	\$ 390.00	\$ 3,635.00	\$ 4,025.00	\$ 72,450.00
410	638	FIRE HYDRANT REMOVED AND DISPOSED OF	5	EACH	\$ 450.00	\$ 2,250.00	\$ 90.00	\$ 210.00	\$ 300.00	\$ 1,500.00	\$ 100.00	\$ 200.00	\$ 300.00	\$ 1,500.00	\$ 225.00	\$ -	\$ 225.00	\$ 1,125.00
411	638	WATER WORK, MISC.: 1" SERVICE VALVE & BOX, COMPLETE	49	EACH	\$ 600.00	\$ 29,400.00	\$ 90.00	\$ 210.00	\$ 300.00	\$ 14,700.00	\$ 15.00	\$ 426.00	\$ 441.00	\$ 21,609.00	\$ 220.00	\$ 220.00	\$ 440.00	\$ 21,560.00
412	638	WATER WORK, MISC.: CHLORINATION PIT	6	EACH	\$ 750.00	\$ 4,500.00	\$ 30.00	\$ 70.00	\$ 100.00	\$ 600.00	\$ 100.00	\$ 250.00	\$ 350.00	\$ 2,100.00	\$ 300.00	\$ 300.00	\$ 600.00	\$ 3,600.00
413	638	WATER WORK, MISC.: ADDITIONAL DUCTILE IRON FITTINGS	500	LB	\$ 3.00	\$ 1,500.00	\$ 1.20	\$ 2.80	\$ 4.00	\$ 2,000.00	\$ 1.00	\$ 4.00	\$ 5.00	\$ 2,500.00	\$ 1.00	\$ 3.50	\$ 4.50	\$ 2,250.00
SANITARY SEWER																		
501	611	MANHOLE ADJUSTED TO GRADE	1	EACH	\$ 550.00	\$ 550.00	\$ 180.00	\$ 420.00	\$ 600.00	\$ 600.00	\$ 300.00	\$ 700.00	\$ 1,000.00	\$ 1,000.00	\$ 525.00	\$ 500.00	\$ 1,025.00	\$ 1,025.00
TRAFFIC CONTROL																		
601	646	EDGE LINE, 4"	1.35	MILE	\$ 4,800.00	\$ 6,480.00	\$ 1,027.51	\$ 2,397.52	\$ 3,425.03	\$ 4,623.79	\$ 1,426.00	\$ 2,002.00	\$ 3,428.00	\$ 4,627.80	\$ 1,400.00	\$ 1,700.00	\$ 3,100.00	\$ 4,185.00
602	646	CENTER LINE, DOUBLE SOLID	0.07	MILE	\$ 5,700.00	\$ 399.00	\$ 1,466.53	\$ 3,421.89	\$ 4,888.42	\$ 342.19	\$ 2,000.00	\$ 2,889.00	\$ 4,889.00	\$ 342.23	\$ 2,000.00	\$ 3,300.00	\$ 5,300.00	\$ 371.00
603	646	CENTER LINE, DASHED	0.39	MILE	\$ 5,700.00	\$ 2,223.00	\$ 197.27	\$ 460.30	\$ 657.57	\$ 256.45	\$ 200.00	\$ 458.00	\$ 658.00	\$ 256.62	\$ 2,000.00	\$ 3,300.00	\$ 5,300.00	\$ 2,067.00
604	646	CENTERLINE, PASS PROHIBITED LEFT	0.13	MILE	\$ 5,700.00	\$ 741.00	\$ 948.64	\$ 2,213.48	\$ 3,162.12	\$ 411.08	\$ 1,162.00	\$ 2,001.00	\$ 3,163.00	\$ 411.19	\$ 2,000.00	\$ 3,300.00	\$ 5,300.00	\$ 689.00
605	646	CENTERLINE, PASS PROHIBITED RIGHT	0.12	MILE	\$ 5,700.00	\$ 684.00	\$ 948.64	\$ 2,213.48	\$ 3,162.12	\$ 379.45	\$ 1,162.00	\$ 2,002.00	\$ 3,164.00	\$ 379.68	\$ 2,000.00	\$ 3,300.00	\$ 5,300.00	\$ 636.00
606	646	24" STOP LINE	55	FT	\$ 20.00	\$ 1,100.00	\$ 3.47	\$ 8.09	\$ 11.56	\$ 635.80	\$ 5.00	\$ 7.00	\$ 12.00	\$ 660.00	\$ 6.00	\$ 8.00	\$ 14.00	\$ 770.00
607	646	RAILROAD SYMBOL MARKING	2	EACH	\$ 100.00	\$ 200.00	\$ 182.63	\$ 426.15	\$ 608.78	\$ 1,217.56	\$ 200.00	\$ 410.00	\$ 610.00	\$ 1,220.00	\$ 450.00	\$ 250.00	\$ 700.00	\$ 1,400.00
MAINTENANCE OF TRAFFIC																		
701	614	MAINTAINING TRAFFIC, AS PER PLAN	1	LS	\$ 35,000.00	\$ 35,000.00	\$ 1,500.00	\$ 3,500.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 10,400.00	\$ 15,400.00	\$ 15,400.00	\$ 20,000.00	\$ -	\$ 20,000.00	\$ 20,000.00
702	614	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE, AS PER PLAN	120	HOUR	\$ 60.00	\$ 7,200.00	\$ 18.00	\$ 42.00	\$ 60.00	\$ 7,200.00	\$ -	\$ -	\$ 60.00	\$ 7,200.00	\$ -	\$ -	\$ 60.00	\$ 7,200.00

BERLIN ROAD WATERMAIN REPLACEMENT ENGINEER ESTIMATE							Underground Utilities				Driven Excavating				Buckeye Excavating						
REF. NO.	ODOT ITEM	ITEM DESCRIPTION	TOTAL QNTY	UNIT	TOTAL UNIT PRICE	BID ITEM TOTAL	LABOR UNIT PRICE	MATL UNIT PRICE	TOTAL UNIT PRICE	BID ITEM TOTAL	LABOR UNIT PRICE	MATL UNIT PRICE	TOTAL UNIT PRICE	BID ITEM TOTAL	LABOR UNIT PRICE	MATL UNIT PRICE	TOTAL UNIT PRICE	BID ITEM TOTAL			
CONTINGENCY ITEMS																					
801	204	EXCAVATION OF SUBGRADE	88	CY	\$ 20.00	\$ 1,760.00	\$ 9.00	\$ 21.00	\$ 30.00	\$ 2,640.00	\$ 10.00	\$ 15.00	\$ 25.00	\$ 2,200.00	\$ 18.00	\$ -	\$ 18.00	\$ 1,584.00			
802	204	GRANULAR MATERIAL, TYPE C	88	CY	\$ 50.00	\$ 4,400.00	\$ 9.00	\$ 21.00	\$ 30.00	\$ 2,640.00	\$ 7.00	\$ 25.00	\$ 32.00	\$ 2,816.00	\$ 13.00	\$ 27.00	\$ 40.00	\$ 3,520.00			
803	204	GEOGRID, AS PER PLAN (TX-160)	264	SY	\$ 5.00	\$ 1,320.00	\$ 2.10	\$ 4.90	\$ 7.00	\$ 1,848.00	\$ 0.50	\$ 1.00	\$ 1.50	\$ 396.00	\$ 1.00	\$ 5.00	\$ 6.00	\$ 1,584.00			
804	251	PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN, TYPE 'A'	440	SY	\$ 45.00	\$ 19,800.00	\$ 11.40	\$ 26.60	\$ 38.00	\$ 16,720.00	\$ 8.00	\$ 30.00	\$ 38.00	\$ 16,720.00	\$ 26.00	\$ 15.00	\$ 41.00	\$ 18,040.00			
805	253	PAVEMENT REPAIR, AS PER PLAN	440	SY	\$ 75.00	\$ 33,000.00	\$ 12.00	\$ 28.00	\$ 40.00	\$ 17,600.00	\$ 5.00	\$ 20.00	\$ 25.00	\$ 11,000.00	\$ 26.00	\$ 15.00	\$ 41.00	\$ 18,040.00			
806	630	GROUND MOUNTED SUPPORT, NO. 3 POST	27	FT	\$ 20.00	\$ 540.00	\$ 4.20	\$ 9.80	\$ 14.00	\$ 378.00	\$ 4.00	\$ 10.00	\$ 14.00	\$ 378.00	\$ 17.00	\$ 10.00	\$ 27.00	\$ 729.00			
807	630	SIGN, FLAT SHEET	10	SF	\$ 20.00	\$ 200.00	\$ 6.90	\$ 16.10	\$ 23.00	\$ 230.00	\$ 2.00	\$ 21.00	\$ 23.00	\$ 230.00	\$ 7.00	\$ 20.00	\$ 27.00	\$ 270.00			
MISCELLANEOUS																					
851	201	CLEARING AND GRUBBING	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 1,200.00	\$ 2,800.00	\$ 4,000.00	\$ 4,000.00	\$ 200.00	\$ 400.00	\$ 600.00	\$ 600.00	\$ 5,000.00	\$ -	\$ 5,000.00	\$ 5,000.00			
852	624	MOBILIZATION	1	LS	\$ 40,000.00	\$ 40,000.00	\$ 6,000.00	\$ 14,000.00	\$ 20,000.00	\$ 20,000.00	\$ 2,500.00	\$ 5,000.00	\$ 7,500.00	\$ 7,500.00	\$ 20,000.00	\$ -	\$ 20,000.00	\$ 20,000.00			
853	SPECIAL	POT-HOLING EXISTING UTILITIES	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 300.00	\$ 700.00	\$ 1,000.00	\$ 1,000.00	\$ 500.00	\$ 1,500.00	\$ 2,000.00	\$ 2,000.00	\$ 5,000.00	\$ 1,000.00	\$ 6,000.00	\$ 6,000.00			
854	SPECIAL	ADJUSTMENT TO UTILITIES	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 90.00	\$ 210.00	\$ 300.00	\$ 300.00	\$ 1,500.00	\$ 1,500.00	\$ 3,000.00	\$ 3,000.00	\$ 6,600.00	\$ 600.00	\$ 7,200.00	\$ 7,200.00			
855	SPECIAL	UTILITY REPAIRS	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 90.00	\$ 210.00	\$ 300.00	\$ 300.00	\$ 500.00	\$ 1,700.00	\$ 2,200.00	\$ 2,200.00	\$ 3,100.00	\$ 2,800.00	\$ 5,900.00	\$ 5,900.00			
856	SPECIAL	MISCELLANEOUS REMOVAL/RELOCATION	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 90.00	\$ 210.00	\$ 300.00	\$ 300.00	\$ 200.00	\$ 800.00	\$ 1,000.00	\$ 1,000.00	\$ 3,200.00	\$ -	\$ 3,200.00	\$ 3,200.00			
857	SPECIAL	PROJECT VIDEO	1	LS	\$ 2,000.00	\$ 2,000.00	\$ 300.00	\$ 700.00	\$ 1,000.00	\$ 1,000.00	\$ 100.00	\$ 800.00	\$ 900.00	\$ 900.00	\$ 900.00	\$ -	\$ 900.00	\$ 900.00			
858	SPECIAL	PROJECT BONDING	1	LS	\$ 20,800.00	\$ 20,800.00	\$ 3,000.00	\$ 7,000.00	\$ 10,000.00	\$ 10,000.00	\$ 2,950.00	\$ 15,775.00	\$ 18,725.00	\$ 18,725.00	\$ 14,000.00	\$ -	\$ 14,000.00	\$ 14,000.00			
861	SPECIAL	RAILROAD INSURANCE	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 570.00	\$ 1,330.00	\$ 1,900.00	\$ 1,900.00	\$ 2,500.00	\$ 4,950.00	\$ 7,450.00	\$ 7,450.00	\$ 7,000.00	\$ -	\$ 7,000.00	\$ 7,000.00			
ALLOWANCES (FOR USE AS DIRECTED BY THE ENGINEER)																					
902	SPECIAL	CONTINGENCY ALLOWANCE FOR UNFORESEEN PROJECT CONDITIONS	114900	EACH	\$ 1.00	\$ 114,900.00	\$ 0.30	\$ 0.70	\$ 1.00	\$ 114,900.00	\$ -	\$ -	\$ 1.00	\$ 114,900.00	\$ -	\$ -	\$ 1.00	\$ 114,900.00			
903	623	CONSTRUCTION LAYOUT STAKES AND SURVEYING	20000	EACH	\$ 1.00	\$ 20,000.00	\$ 0.30	\$ 0.70	\$ 1.00	\$ 20,000.00	\$ -	\$ -	\$ 1.00	\$ 20,000.00	\$ -	\$ -	\$ 1.00	\$ 20,000.00			
904	SPECIAL	AS-BUILT PLANS	6000	EACH	\$ 1.00	\$ 6,000.00	\$ 0.30	\$ 0.70	\$ 1.00	\$ 6,000.00	\$ -	\$ -	\$ 1.00	\$ 6,000.00	\$ -	\$ -	\$ 1.00	\$ 6,000.00			
905	SPECIAL	CONCRETE TESTING	3400	EACH	\$ 1.00	\$ 3,400.00	\$ 0.30	\$ 0.70	\$ 1.00	\$ 3,400.00	\$ -	\$ -	\$ 1.00	\$ 3,400.00	\$ -	\$ -	\$ 1.00	\$ 3,400.00			
908	SPECIAL	ALLOWANCE FOR ADDITIONAL INSPECTION SERVICES	1000	EACH	\$ 1.00	\$ 1,000.00	\$ 0.30	\$ 0.70	\$ 1.00	\$ 1,000.00	\$ -	\$ -	\$ 1.00	\$ 1,000.00	\$ -	\$ -	\$ 1.00	\$ 1,000.00			
909	SPECIAL	ALLOWANCE FOR RAILROAD FLAGGING AND INSPECTION SERVICES	10000	EACH	\$ 1.00	\$ 10,000.00	\$ 0.30	\$ 0.70	\$ 1.00	\$ 10,000.00	\$ -	\$ -	\$ 1.00	\$ 10,000.00	\$ -	\$ -	\$ 1.00	\$ 10,000.00			
BID TOTAL =						\$ 1,401,374.00	BID TOTAL =				\$ 1,159,661.97	BID TOTAL =				\$ 1,169,979.62	BID TOTAL =				\$ 1,264,224.00

BERLIN ROAD WATERMAIN REPLACEMENT ENGINEER ESTIMATE							Hillabrand & Sons				Fabrzi Trucking & Paving				R.A. Bores			
REF. NO.	ODOT ITEM	ITEM DESCRIPTION	TOTAL QNTY	UNIT	TOTAL UNIT PRICE	BID ITEM TOTAL	LABOR UNIT PRICE	MATL UNIT PRICE	TOTAL UNIT PRICE	BID ITEM TOTAL	LABOR UNIT PRICE	MATL UNIT PRICE	TOTAL UNIT PRICE	BID ITEM TOTAL	LABOR UNIT PRICE	MATL UNIT PRICE	TOTAL UNIT PRICE	BID ITEM TOTAL
ROADWAY																		
1	202	CURB REMOVED	10	FT	\$ 20.00	\$ 200.00	\$ 10.00	\$ 10.00	\$ 20.00	\$ 200.00	\$ 15.00	\$ -	\$ 15.00	\$ 150.00	\$ 10.00	\$ 2.00	\$ 12.00	\$ 120.00
2	202	PIPE REMOVED, 24" AND UNDER	136	FT	\$ 8.00	\$ 1,088.00	\$ 30.00	\$ 7.17	\$ 37.17	\$ 5,055.12	\$ 10.00	\$ -	\$ 10.00	\$ 1,360.00	\$ 8.00	\$ 2.00	\$ 10.00	\$ 1,360.00
3	202	REMOVAL MISC.: GATE VALVE REMOVED AND DISPOSE	1	EACH	\$ 120.00	\$ 120.00	\$ 531.86	\$ 100.00	\$ 631.86	\$ 631.86	\$ 300.00	\$ -	\$ 300.00	\$ 300.00	\$ 650.00	\$ 100.00	\$ 750.00	\$ 750.00
4	202	ABANDON MISC.: WATER MAIN ABANDONED IN PLACE, TYPE 1	3810	FT	\$ 1.00	\$ 3,810.00	\$ 1.00	\$ 1.00	\$ 2.00	\$ 7,620.00	\$ 1.00	\$ -	\$ 1.00	\$ 3,810.00	\$ 0.75	\$ 0.25	\$ 1.00	\$ 3,810.00
5	202	ABANDON MISC.: WATER MAIN ABANDONED IN PLACE, TYPE 2	495	FT	\$ 10.00	\$ 4,950.00	\$ 3.00	\$ 0.94	\$ 3.94	\$ 1,950.30	\$ 2.12	\$ 3.68	\$ 5.80	\$ 2,871.00	\$ 8.00	\$ 2.00	\$ 10.00	\$ 4,950.00
EROSION CONTROL																		
101	653	TOPSOIL FURNISHED AND PLACED, AS PER PLAN	310	SY	\$ 8.00	\$ 2,480.00	\$ 10.00	\$ 11.50	\$ 21.50	\$ 6,665.00	\$ 3.00	\$ 4.50	\$ 7.50	\$ 2,325.00	\$ 1.50	\$ 7.00	\$ 8.50	\$ 2,635.00
102	SPECIAL	FILTER FABRIC FENCE	10845	FT	\$ 1.00	\$ 10,845.00	\$ 0.26	\$ 1.00	\$ 1.26	\$ 13,664.70	\$ 0.05	\$ 0.05	\$ 0.10	\$ 1,084.50	\$ 0.75	\$ 0.25	\$ 1.00	\$ 10,845.00
103	SPECIAL	INLET PROTECTION	30	EACH	\$ 125.00	\$ 3,750.00	\$ 45.00	\$ 45.06	\$ 90.06	\$ 2,701.80	\$ 22.00	\$ 78.00	\$ 100.00	\$ 3,000.00	\$ 25.00	\$ 50.00	\$ 75.00	\$ 2,250.00
DRAINAGE																		
201	605	4' BASE PIPE UNDERDRAIN	10	FT	\$ 10.00	\$ 100.00	\$ 20.00	\$ 13.20	\$ 33.20	\$ 332.00	\$ 10.00	\$ 5.00	\$ 15.00	\$ 150.00	\$ 10.00	\$ 5.00	\$ 15.00	\$ 150.00
PAVEMENT																		
301	254	1.5" PAVEMENT PLANING, ASPHALT CONCRETE	4492	SY	\$ 2.00	\$ 8,984.00	\$ 1.00	\$ 2.39	\$ 3.39	\$ 15,227.88	\$ 1.25	\$ 1.35	\$ 2.60	\$ 11,679.20	\$ 1.65	\$ 1.00	\$ 2.65	\$ 11,903.80
302	254	3" PAVEMENT PLANING, ASPHALT CONCRETE	4396	SY	\$ 3.00	\$ 13,188.00	\$ 1.00	\$ 2.80	\$ 3.80	\$ 16,704.80	\$ 1.65	\$ 1.78	\$ 3.43	\$ 15,078.28	\$ 1.35	\$ 1.50	\$ 2.85	\$ 12,528.60
303	255	FULL DEPTH REPAIR, MISC.: WATER MAIN TRENCH REPAIR	2581	SY	\$ 75.00	\$ 193,575.00	\$ 40.00	\$ 25.22	\$ 65.22	\$ 168,332.82	\$ 37.00	\$ 45.40	\$ 82.40	\$ 212,674.40	\$ 20.00	\$ 33.35	\$ 53.35	\$ 137,696.35
304	304	AGGREGATE BASE, AS PER PLAN (AGGREGATE DRIVE)	11	SY	\$ 35.00	\$ 385.00	\$ 30.00	\$ 19.55	\$ 49.55	\$ 545.05	\$ 3.00	\$ 8.72	\$ 11.72	\$ 128.92	\$ 14.00	\$ 13.00	\$ 27.00	\$ 297.00
305	407	TACK COAT (APPLIED @ 0.08 GAL/SY)	717	GAL	\$ 4.00	\$ 2,868.00	\$ 1.00	\$ 1.30	\$ 2.30	\$ 1,649.10	\$ 1.00	\$ 1.08	\$ 2.08	\$ 1,491.36	\$ 3.00	\$ 2.00	\$ 5.00	\$ 3,585.00
306	407	TACK COAT, 702.13 (APPLIED @ 0.08 GAL/SY)	214	GAL	\$ 4.00	\$ 856.00	\$ 2.00	\$ 1.34	\$ 3.34	\$ 714.76	\$ 1.45	\$ 1.57	\$ 3.02	\$ 646.28	\$ 3.00	\$ 2.00	\$ 5.00	\$ 1,070.00
307	407	TACK COAT (APPLIED @ 0.05 GAL/SY)	252	GAL	\$ 4.00	\$ 1,008.00	\$ 1.00	\$ 1.30	\$ 2.30	\$ 579.60	\$ 1.00	\$ 1.08	\$ 2.08	\$ 524.16	\$ 3.00	\$ 2.00	\$ 5.00	\$ 1,260.00
308	441	1-1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	400	CY	\$ 175.00	\$ 70,000.00	\$ 100.00	\$ 71.64	\$ 171.64	\$ 68,656.00	\$ 69.00	\$ 74.52	\$ 143.52	\$ 57,408.00	\$ 80.00	\$ 105.00	\$ 185.00	\$ 74,000.00
309	441	1-1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448)	213	CY	\$ 170.00	\$ 36,210.00	\$ 100.00	\$ 69.50	\$ 169.50	\$ 36,103.50	\$ 69.00	\$ 74.52	\$ 143.52	\$ 30,569.76	\$ 80.00	\$ 105.00	\$ 185.00	\$ 39,405.00
310	441	ASPHALT CONCRETE, MISC.: ASPHALT DRIVE	20	SY	\$ 50.00	\$ 1,000.00	\$ 100.00	\$ 89.75	\$ 189.75	\$ 3,795.00	\$ 82.50	\$ 89.10	\$ 171.60	\$ 3,432.00	\$ 60.00	\$ 30.00	\$ 90.00	\$ 1,800.00
311	452	NON-REINFORCED CONCRETE PAVEMENT, MISC.: CONCRETE DRIVE	57	SY	\$ 65.00	\$ 3,705.00	\$ 40.00	\$ 52.00	\$ 92.00	\$ 5,244.00	\$ 40.00	\$ 35.00	\$ 75.00	\$ 4,275.00	\$ 45.00	\$ 30.00	\$ 75.00	\$ 4,275.00
312	609	CURB, TYPE 2-B	10	FT	\$ 50.00	\$ 500.00	\$ 20.00	\$ 23.70	\$ 43.70	\$ 437.00	\$ 5.00	\$ 5.00	\$ 10.00	\$ 100.00	\$ 30.00	\$ 15.00	\$ 45.00	\$ 450.00
313	251	PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN, TYPE 'B'	27	SY	\$ 45.00	\$ 1,215.00	\$ 100.00	\$ 153.00	\$ 253.00	\$ 6,831.00	\$ 110.00	\$ 118.80	\$ 228.80	\$ 6,177.60	\$ 100.00	\$ 36.00	\$ 136.00	\$ 3,672.00

OHM Advisors

CITY OF HURON BID TAB

BERLIN ROAD WATERMAIN REPLACEMENT ENGINEER ESTIMATE

REF. NO.	ODOT ITEM	ITEM DESCRIPTION	TOTAL QNTY	UNIT	TOTAL UNIT PRICE	BID ITEM TOTAL	Hillabrand & Sons				Fabrzi Trucking & Paving				R.A. Bores			
							LABOR UNIT PRICE	MATL UNIT PRICE	TOTAL UNIT PRICE	BID ITEM TOTAL	LABOR UNIT PRICE	MATL UNIT PRICE	TOTAL UNIT PRICE	BID ITEM TOTAL	LABOR UNIT PRICE	MATL UNIT PRICE	TOTAL UNIT PRICE	BID ITEM TOTAL
WATER WORKS																		
401	638	6" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS, AWWA C-900, DR 18	398	FT	\$ 70.00	\$ 27,860.00	\$ 40.00	\$ 30.52	\$ 70.52	\$ 28,066.96	\$ 19.76	\$ 38.59	\$ 58.35	\$ 23,223.30	\$ 60.00	\$ 35.00	\$ 95.00	\$ 37,810.00
402	638	8" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS, AWWA C-900 DR 18	4496	FT	\$ 70.00	\$ 314,720.00	\$ 40.00	\$ 35.00	\$ 75.00	\$ 337,200.00	\$ 32.64	\$ 46.38	\$ 79.02	\$ 355,273.92	\$ 45.00	\$ 35.00	\$ 80.00	\$ 359,680.00
403	638	12" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS, AWWA C-900 DR 18	385	FT	\$ 100.00	\$ 38,500.00	\$ 40.00	\$ 25.26	\$ 65.26	\$ 25,125.10	\$ 32.64	\$ 49.71	\$ 82.35	\$ 31,704.75	\$ 20.00	\$ 25.00	\$ 45.00	\$ 17,325.00
404	638	20" STEEL PIPE ENCASUREMENT, BORED OR JACKED	351	FT	\$ 350.00	\$ 122,850.00	\$ 200.00	\$ 100.00	\$ 300.00	\$ 105,300.00	\$ 40.66	\$ 296.07	\$ 336.73	\$ 118,192.23	\$ 200.00	\$ 98.00	\$ 298.00	\$ 104,598.00
405	638	1" COPPER SERVICE BRANCH	1455	FT	\$ 25.00	\$ 36,375.00	\$ 20.00	\$ 22.82	\$ 42.82	\$ 62,303.10	\$ 30.00	\$ 7.22	\$ 37.22	\$ 54,155.10	\$ 20.00	\$ 10.00	\$ 30.00	\$ 43,650.00
406	638	POLYETHELENE ENCASUREMENT	485	FT	\$ 1.00	\$ 485.00	\$ 1.00	\$ 0.50	\$ 1.50	\$ 727.50	\$ 0.25	\$ 0.64	\$ 0.89	\$ 431.65	\$ 4.00	\$ 1.00	\$ 5.00	\$ 2,425.00
407	638	6" GATE VALVE AND VALVE BOX	18	EACH	\$ 800.00	\$ 14,400.00	\$ 1,000.00	\$ 748.51	\$ 1,748.51	\$ 31,473.18	\$ 150.00	\$ 937.30	\$ 1,087.30	\$ 19,571.40	\$ 300.00	\$ 800.00	\$ 1,100.00	\$ 19,800.00
408	638	8" GATE VALVE AND VALVE BOX	10	EACH	\$ 1,200.00	\$ 12,000.00	\$ 2,000.00	\$ 1,878.88	\$ 3,878.88	\$ 38,788.80	\$ 150.00	\$ 1,329.54	\$ 1,479.54	\$ 14,795.40	\$ 400.00	\$ 1,500.00	\$ 1,900.00	\$ 19,000.00
409	638	6" FIRE HYDRANT	18	EACH	\$ 4,000.00	\$ 72,000.00	\$ 2,000.00	\$ 1,600.00	\$ 3,600.00	\$ 64,800.00	\$ 1,525.83	\$ 3,192.50	\$ 4,718.33	\$ 84,929.94	\$ 1,000.00	\$ 2,800.00	\$ 3,800.00	\$ 68,400.00
410	638	FIRE HYDRANT REMOVED AND DISPOSED OF	5	EACH	\$ 450.00	\$ 2,250.00	\$ 500.00	\$ 510.97	\$ 1,010.97	\$ 5,054.85	\$ 500.00	\$ -	\$ 500.00	\$ 2,500.00	\$ 400.00	\$ 100.00	\$ 500.00	\$ 2,500.00
411	638	WATER WORK, MISC.: 1" SERVICE VALVE & BOX, COMPLETE	49	EACH	\$ 600.00	\$ 29,400.00	\$ 300.00	\$ 247.64	\$ 547.64	\$ 26,834.36	\$ 5.00	\$ 444.34	\$ 449.34	\$ 22,017.66	\$ 125.00	\$ 300.00	\$ 425.00	\$ 20,825.00
412	638	WATER WORK, MISC.: CHLORINATION PIT	6	EACH	\$ 750.00	\$ 4,500.00	\$ 500.00	\$ 377.38	\$ 877.38	\$ 5,264.28	\$ 200.00	\$ 312.00	\$ 512.00	\$ 3,072.00	\$ 100.00	\$ 150.00	\$ 250.00	\$ 1,500.00
413	638	WATER WORK, MISC.: ADDITIONAL DUCTILE IRON FITTINGS	500	LB	\$ 3.00	\$ 1,500.00	\$ 5.00	\$ 5.50	\$ 10.50	\$ 5,250.00	\$ 0.50	\$ 4.16	\$ 4.66	\$ 2,330.00	\$ 2.00	\$ 6.50	\$ 8.50	\$ 4,250.00
SANITARY SEWER																		
501	611	MANHOLE ADJUSTED TO GRADE	1	EACH	\$ 550.00	\$ 550.00	\$ 1,000.00	\$ 1,500.00	\$ 2,500.00	\$ 2,500.00	\$ 350.00	\$ 400.00	\$ 750.00	\$ 750.00	\$ 400.00	\$ 350.00	\$ 750.00	\$ 750.00
TRAFFIC CONTROL																		
601	646	EDGE LINE, 4"	1.35	MILE	\$ 4,800.00	\$ 6,480.00	\$ 2,000.00	\$ 2,485.00	\$ 4,485.00	\$ 6,054.75	\$ 1,400.00	\$ 1,512.00	\$ 2,912.00	\$ 3,931.20	\$ 2,220.00	\$ 1,000.00	\$ 3,220.00	\$ 4,347.00
602	646	CENTER LINE, DOUBLE SOLID	0.07	MILE	\$ 5,700.00	\$ 399.00	\$ 5,000.00	\$ 2,043.75	\$ 7,043.75	\$ 493.06	\$ 2,450.00	\$ 2,646.00	\$ 5,096.00	\$ 356.72	\$ 4,635.00	\$ 1,000.00	\$ 5,635.00	\$ 394.45
603	646	CENTER LINE, DASHED	0.39	MILE	\$ 5,700.00	\$ 2,223.00	\$ 5,000.00	\$ 2,043.75	\$ 7,043.75	\$ 2,747.06	\$ 2,450.00	\$ 2,646.00	\$ 5,096.00	\$ 1,987.44	\$ 4,635.00	\$ 1,000.00	\$ 5,635.00	\$ 2,197.65
604	646	CENTERLINE, PASS PROHIBITED LEFT	0.13	MILE	\$ 5,700.00	\$ 741.00	\$ 5,000.00	\$ 2,043.75	\$ 7,043.75	\$ 915.69	\$ 2,450.00	\$ 2,646.00	\$ 5,096.00	\$ 662.48	\$ 4,635.00	\$ 1,000.00	\$ 5,635.00	\$ 732.55
605	646	CENTERLINE, PASS PROHIBITED RIGHT	0.12	MILE	\$ 5,700.00	\$ 684.00	\$ 5,000.00	\$ 2,043.75	\$ 7,043.75	\$ 845.25	\$ 2,450.00	\$ 2,646.00	\$ 5,096.00	\$ 611.52	\$ 4,635.00	\$ 1,000.00	\$ 5,635.00	\$ 676.20
606	646	24" STOP LINE	55	FT	\$ 20.00	\$ 1,100.00	\$ 10.00	\$ 9.55	\$ 19.55	\$ 1,075.25	\$ 6.50	\$ 7.02	\$ 13.52	\$ 743.60	\$ 12.00	\$ 5.00	\$ 17.00	\$ 935.00
607	646	RAILROAD SYMBOL MARKING	2	EACH	\$ 100.00	\$ 200.00	\$ 70.00	\$ 51.25	\$ 121.25	\$ 242.50	\$ 325.00	\$ 351.00	\$ 676.00	\$ 1,352.00	\$ 200.00	\$ 550.00	\$ 750.00	\$ 1,500.00
MAINTENANCE OF TRAFFIC																		
701	614	MAINTAINING TRAFFIC, AS PER PLAN	1	LS	\$ 35,000.00	\$ 35,000.00	\$ 4,000.00	\$ 1,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,087.50	\$ 5,494.50	\$ 10,582.00	\$ 10,582.00	\$ 27,000.00	\$ 18,000.00	\$ 45,000.00	\$ 45,000.00
702	614	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE, AS PER PLAN	120	HOURLY	\$ 60.00	\$ 7,200.00	\$ -	\$ -	\$ 60.00	\$ 7,200.00	\$ -	\$ -	\$ 60.00	\$ 7,200.00	\$ -	\$ -	\$ 60.00	\$ 7,200.00

BERLIN ROAD WATERMAIN REPLACEMENT ENGINEER ESTIMATE							Hillabrand & Sons				Fabrzi Trucking & Paving				R.A. Bores						
REF. NO.	ODOT ITEM	ITEM DESCRIPTION	TOTAL QNTY	UNIT	TOTAL UNIT PRICE	BID ITEM TOTAL	LABOR UNIT PRICE	MATL UNIT PRICE	TOTAL UNIT PRICE	BID ITEM TOTAL	LABOR UNIT PRICE	MATL UNIT PRICE	TOTAL UNIT PRICE	BID ITEM TOTAL	LABOR UNIT PRICE	MATL UNIT PRICE	TOTAL UNIT PRICE	BID ITEM TOTAL			
CONTINGENCY ITEMS																					
801	204	EXCAVATION OF SUBGRADE	88	CY	\$ 20.00	\$ 1,760.00	\$ 14.00	\$ 14.00	\$ 28.00	\$ 2,464.00	\$ 5.00	\$ 9.00	\$ 14.00	\$ 1,232.00	\$ 20.00	\$ 5.00	\$ 25.00	\$ 2,200.00			
802	204	GRANULAR MATERIAL, TYPE C	88	CY	\$ 50.00	\$ 4,400.00	\$ 20.00	\$ 20.07	\$ 40.07	\$ 3,526.16	\$ 10.00	\$ 20.00	\$ 30.00	\$ 2,640.00	\$ 10.00	\$ 30.00	\$ 40.00	\$ 3,520.00			
803	204	GEOGRID, AS PER PLAN (TX-160)	264	SY	\$ 5.00	\$ 1,320.00	\$ 2.00	\$ 2.60	\$ 4.60	\$ 1,214.40	\$ 1.00	\$ 4.73	\$ 5.73	\$ 1,512.72	\$ 2.00	\$ 3.00	\$ 5.00	\$ 1,320.00			
804	251	PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN, TYPE 'A'	440	SY	\$ 45.00	\$ 19,800.00	\$ 20.00	\$ 23.70	\$ 43.70	\$ 19,228.00	\$ 19.00	\$ 20.52	\$ 39.52	\$ 17,388.80	\$ 25.00	\$ 10.00	\$ 35.00	\$ 15,400.00			
805	253	PAVEMENT REPAIR, AS PER PLAN	440	SY	\$ 75.00	\$ 33,000.00	\$ 20.00	\$ 17.90	\$ 37.90	\$ 16,676.00	\$ 45.50	\$ 13.50	\$ 59.00	\$ 25,960.00	\$ 32.00	\$ 18.50	\$ 50.50	\$ 22,220.00			
806	630	GROUND MOUNTED SUPPORT, NO. 3 POST	27	FT	\$ 20.00	\$ 540.00	\$ 10.00	\$ 5.35	\$ 15.35	\$ 414.45	\$ 12.50	\$ 13.50	\$ 26.00	\$ 702.00	\$ 17.00	\$ 15.00	\$ 32.00	\$ 864.00			
807	630	SIGN, FLAT SHEET	10	SF	\$ 20.00	\$ 200.00	\$ 10.00	\$ 15.59	\$ 25.59	\$ 255.90	\$ 12.50	\$ 13.50	\$ 26.00	\$ 260.00	\$ 10.00	\$ 20.00	\$ 30.00	\$ 300.00			
MISCELLANEOUS																					
851	201	CLEARING AND GRUBBING	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 1,000.00	\$ 1,500.00	\$ 2,500.00	\$ 2,500.00	\$ 500.00	\$ 500.00	\$ 1,000.00	\$ 1,000.00	\$ 4,500.00	\$ 500.00	\$ 5,000.00	\$ 5,000.00			
852	624	MOBILIZATION	1	LS	\$ 40,000.00	\$ 40,000.00	\$ 10,000.00	\$ 5,000.00	\$ 15,000.00	\$ 15,000.00	\$ 20,000.00	\$ 9,805.50	\$ 29,805.50	\$ 29,805.50	\$ 25,000.00	\$ 5,000.00	\$ 30,000.00	\$ 30,000.00			
853	SPECIAL	POT-HOLING EXISTING UTILITIES	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 250.00	\$ 250.00	\$ 500.00	\$ 500.00	\$ 1,500.00	\$ 1,620.00	\$ 3,120.00	\$ 3,120.00	\$ 8,000.00	\$ 1,000.00	\$ 9,000.00	\$ 9,000.00			
854	SPECIAL	ADJUSTMENT TO UTILITIES	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 4,000.00	\$ 1,000.00	\$ 5,000.00	\$ 5,000.00	\$ 500.00	\$ 500.00	\$ 1,000.00	\$ 1,000.00	\$ 4,000.00	\$ 1,000.00	\$ 5,000.00	\$ 5,000.00			
855	SPECIAL	UTILITY REPAIRS	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 500.00	\$ 500.00	\$ 1,000.00	\$ 1,000.00	\$ 500.00	\$ 500.00	\$ 1,000.00	\$ 1,000.00	\$ 8,000.00	\$ 2,000.00	\$ 10,000.00	\$ 10,000.00			
856	SPECIAL	MISCELLANEOUS REMOVAL/RELOCATION	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 300.00	\$ 200.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 1,000.00	\$ 1,000.00	\$ 2,000.00	\$ 500.00	\$ 2,500.00	\$ 2,500.00			
857	SPECIAL	PROJECT VIDEO	1	LS	\$ 2,000.00	\$ 2,000.00	\$ 400.00	\$ 462.50	\$ 862.50	\$ 862.50	\$ 400.00	\$ 432.00	\$ 832.00	\$ 832.00	\$ 1,000.00	\$ 500.00	\$ 1,500.00	\$ 1,500.00			
858	SPECIAL	PROJECT BONDING	1	LS	\$ 20,800.00	\$ 20,800.00	\$ 1,000.00	\$ 19,000.00	\$ 20,000.00	\$ 20,000.00	\$ 10,500.00	\$ -	\$ 10,500.00	\$ 10,500.00	\$ 18,000.00	\$ 10,500.00	\$ 28,500.00	\$ 28,500.00			
861	SPECIAL	RAILROAD INSURANCE	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 2,000.00	\$ 1,000.00	\$ 3,000.00	\$ 3,000.00	\$ 1,250.00	\$ 1,350.00	\$ 2,600.00	\$ 2,600.00	\$ 9,000.00	\$ 1,000.00	\$ 10,000.00	\$ 10,000.00			
ALLOWANCES (FOR USE AS DIRECTED BY THE ENGINEER)																					
902	SPECIAL	CONTINGENCY ALLOWANCE FOR UNFORESEEN PROJECT CONDITIONS	114900	EACH	\$ 1.00	\$ 114,900.00	\$ -	\$ -	\$ 1.00	\$ 114,900.00	\$ -	\$ -	\$ 1.00	\$ 114,900.00	\$ -	\$ -	\$ 1.00	\$ 114,900.00			
903	623	CONSTRUCTION LAYOUT STAKES AND SURVEYING	20000	EACH	\$ 1.00	\$ 20,000.00	\$ -	\$ -	\$ 1.00	\$ 20,000.00	\$ -	\$ -	\$ 1.00	\$ 20,000.00	\$ -	\$ -	\$ 1.00	\$ 20,000.00			
904	SPECIAL	AS-BUILT PLANS	6000	EACH	\$ 1.00	\$ 6,000.00	\$ -	\$ -	\$ 1.00	\$ 6,000.00	\$ -	\$ -	\$ 1.00	\$ 6,000.00	\$ -	\$ -	\$ 1.00	\$ 6,000.00			
905	SPECIAL	CONCRETE TESTING	3400	EACH	\$ 1.00	\$ 3,400.00	\$ -	\$ -	\$ 1.00	\$ 3,400.00	\$ -	\$ -	\$ 1.00	\$ 3,400.00	\$ -	\$ -	\$ 1.00	\$ 3,400.00			
908	SPECIAL	ALLOWANCE FOR ADDITIONAL INSPECTION SERVICES	1000	EACH	\$ 1.00	\$ 1,000.00	\$ -	\$ -	\$ 1.00	\$ 1,000.00	\$ -	\$ -	\$ 1.00	\$ 1,000.00	\$ -	\$ -	\$ 1.00	\$ 1,000.00			
909	SPECIAL	ALLOWANCE FOR RAILROAD FLAGGING AND INSPECTION SERVICES	10000	EACH	\$ 1.00	\$ 10,000.00	\$ -	\$ -	\$ 1.00	\$ 10,000.00	\$ -	\$ -	\$ 1.00	\$ 10,000.00	\$ -	\$ -	\$ 1.00	\$ 10,000.00			
BID TOTAL =						\$ 1,401,374.00	BID TOTAL =				\$ 1,374,344.39	BID TOTAL =				\$ 1,375,462.79	BID TOTAL =				\$ 1,386,932.60

BERLIN ROAD WATERMAIN REPLACEMENT ENGINEER ESTIMATE							Rising Son Company				Mr. Excavator			
REF. NO.	ODOT ITEM	ITEM DESCRIPTION	TOTAL QNTY	UNIT	TOTAL UNIT PRICE	BID ITEM TOTAL	LABOR UNIT PRICE	MATL UNIT PRICE	TOTAL UNIT PRICE	BID ITEM TOTAL	LABOR UNIT PRICE	MATL UNIT PRICE	TOTAL UNIT PRICE	BID ITEM TOTAL
ROADWAY														
1	202	CURB REMOVED	10	FT	\$ 20.00	\$ 200.00	\$ 8.00	\$ 2.00	\$ 10.00	\$ 100.00	\$ 1.39	\$ -	\$ 1.39	\$ 13.90
2	202	PIPE REMOVED, 24" AND UNDER	136	FT	\$ 8.00	\$ 1,088.00	\$ 4.00	\$ 4.00	\$ 8.00	\$ 1,088.00	\$ 32.08	\$ -	\$ 32.08	\$ 4,362.88
3	202	REMOVAL MISC.: GATE VALVE REMOVED AND DISPOSE	1	EACH	\$ 120.00	\$ 120.00	\$ 100.00	\$ 50.00	\$ 150.00	\$ 150.00	\$ 328.59	\$ -	\$ 328.59	\$ 328.59
4	202	ABANDON MISC.: WATER MAIN ABANDONED IN PLACE, TYPE 1	3810	FT	\$ 1.00	\$ 3,810.00	\$ 0.50	\$ 0.50	\$ 1.00	\$ 3,810.00	\$ 9.47	\$ -	\$ 9.47	\$ 36,080.70
5	202	ABANDON MISC.: WATER MAIN ABANDONED IN PLACE, TYPE 2	495	FT	\$ 10.00	\$ 4,950.00	\$ 0.50	\$ 0.50	\$ 1.00	\$ 495.00	\$ 34.62	\$ -	\$ 34.62	\$ 17,136.90
EROSION CONTROL														
101	653	TOPSOIL FURNISHED AND PLACED, AS PER PLAN	310	SY	\$ 8.00	\$ 2,480.00	\$ 5.00	\$ 20.00	\$ 25.00	\$ 7,750.00	\$ 5.00	\$ 44.05	\$ 49.05	\$ 15,205.50
102	SPECIAL	FILTER FABRIC FENCE	10845	FT	\$ 1.00	\$ 10,845.00	\$ 0.25	\$ 0.25	\$ 0.50	\$ 5,422.50	\$ 1.98	\$ 1.98	\$ 3.96	\$ 42,946.20
103	SPECIAL	INLET PROTECTION	30	EACH	\$ 125.00	\$ 3,750.00	\$ 5.00	\$ 50.00	\$ 55.00	\$ 1,650.00	\$ 48.15	\$ 48.15	\$ 96.30	\$ 2,889.00
DRAINAGE														
201	605	4' BASE PIPE UNDERDRAIN	10	FT	\$ 10.00	\$ 100.00	\$ 10.00	\$ 9.00	\$ 19.00	\$ 190.00	\$ 6.83	\$ 10.69	\$ 17.52	\$ 175.20
PAVEMENT														
301	254	1.5" PAVEMENT PLANING, ASPHALT CONCRETE	4492	SY	\$ 2.00	\$ 8,984.00	\$ 1.00	\$ 1.75	\$ 2.75	\$ 12,353.00	\$ 0.64	\$ 0.64	\$ 1.28	\$ 5,749.76
302	254	3" PAVEMENT PLANING, ASPHALT CONCRETE	4396	SY	\$ 3.00	\$ 13,188.00	\$ 1.50	\$ 2.00	\$ 3.50	\$ 15,386.00	\$ 2.06	\$ 2.06	\$ 4.12	\$ 18,111.52
303	255	FULL DEPTH REPAIR, MISC.: WATER MAIN TRENCH REPAIR	2581	SY	\$ 75.00	\$ 193,575.00	\$ 30.00	\$ 70.00	\$ 100.00	\$ 258,100.00	\$ 80.21	\$ 6.57	\$ 86.78	\$ 223,979.18
304	304	AGGREGATE BASE, AS PER PLAN (AGGREGATE DRIVE)	11	SY	\$ 35.00	\$ 385.00	\$ 29.00	\$ 30.00	\$ 59.00	\$ 649.00	\$ 1.50	\$ 7.26	\$ 8.76	\$ 96.36
305	407	TACK COAT (APPLIED @ 0.08 GAL/SY)	717	GAL	\$ 4.00	\$ 2,868.00	\$ 1.00	\$ 1.50	\$ 2.50	\$ 1,792.50	\$ 1.34	\$ 1.34	\$ 2.68	\$ 1,921.56
306	407	TACK COAT, 702.13 (APPLIED @ 0.08 GAL/SY)	214	GAL	\$ 4.00	\$ 856.00	\$ 1.00	\$ 2.00	\$ 3.00	\$ 642.00	\$ 1.34	\$ 1.34	\$ 2.68	\$ 573.52
307	407	TACK COAT (APPLIED @ 0.05 GAL/SY)	252	GAL	\$ 4.00	\$ 1,008.00	\$ 1.00	\$ 1.50	\$ 2.50	\$ 630.00	\$ 1.34	\$ 1.34	\$ 2.68	\$ 675.36
308	441	1-1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	400	CY	\$ 175.00	\$ 70,000.00	\$ 45.00	\$ 100.00	\$ 145.00	\$ 58,000.00	\$ 88.55	\$ 88.54	\$ 177.09	\$ 70,836.00
309	441	1-1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448)	213	CY	\$ 170.00	\$ 36,210.00	\$ 45.00	\$ 100.00	\$ 145.00	\$ 30,885.00	\$ 97.91	\$ 97.90	\$ 195.81	\$ 41,707.53
310	441	ASPHALT CONCRETE, MISC.: ASPHALT DRIVE	20	SY	\$ 50.00	\$ 1,000.00	\$ 100.00	\$ 90.00	\$ 190.00	\$ 3,800.00	\$ 52.54	\$ 52.53	\$ 105.07	\$ 2,101.40
311	452	NON-REINFORCED CONCRETE PAVEMENT, MISC.: CONCRETE DRIVE	57	SY	\$ 65.00	\$ 3,705.00	\$ 40.00	\$ 30.00	\$ 70.00	\$ 3,990.00	\$ 27.00	\$ 67.41	\$ 94.41	\$ 5,381.37
312	609	CURB, TYPE 2-B	10	FT	\$ 50.00	\$ 500.00	\$ 20.00	\$ 9.00	\$ 29.00	\$ 290.00	\$ 20.00	\$ 21.40	\$ 41.40	\$ 414.00
313	251	PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN, TYPE 'B'	27	SY	\$ 45.00	\$ 1,215.00	\$ 150.00	\$ 120.00	\$ 270.00	\$ 7,290.00	\$ 41.20	\$ 41.19	\$ 82.39	\$ 2,224.53

BERLIN ROAD WATERMAIN REPLACEMENT ENGINEER ESTIMATE							Rising Son Company				Mr. Excavator			
REF. NO.	ODOT ITEM	ITEM DESCRIPTION	TOTAL QNTY	UNIT	TOTAL UNIT PRICE	BID ITEM TOTAL	LABOR UNIT PRICE	MATL UNIT PRICE	TOTAL UNIT PRICE	BID ITEM TOTAL	LABOR UNIT PRICE	MATL UNIT PRICE	TOTAL UNIT PRICE	BID ITEM TOTAL
WATER WORKS														
401	638	6" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS, AWWA C-900, DR 18	398	FT	\$ 70.00	\$ 27,860.00	\$ 20.00	\$ 50.00	\$ 70.00	\$ 27,860.00	\$ 19.53	\$ 50.65	\$ 70.18	\$ 27,931.64
402	638	8" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS, AWWA C-900 DR 18	4496	FT	\$ 70.00	\$ 314,720.00	\$ 30.00	\$ 68.00	\$ 98.00	\$ 440,608.00	\$ 19.53	\$ 56.52	\$ 76.05	\$ 341,920.80
403	638	12" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS, AWWA C-900 DR 18	385	FT	\$ 100.00	\$ 38,500.00	\$ 40.00	\$ 75.00	\$ 115.00	\$ 44,275.00	\$ 7.96	\$ 33.57	\$ 41.53	\$ 15,989.05
404	638	20" STEEL PIPE ENCASMENT, BORED OR JACKED	351	FT	\$ 350.00	\$ 122,850.00	\$ 100.00	\$ 150.00	\$ 250.00	\$ 87,750.00	\$ 45.55	\$ 244.35	\$ 289.90	\$ 101,754.90
405	638	1" COPPER SERVICE BRANCH	1455	FT	\$ 25.00	\$ 36,375.00	\$ 10.00	\$ 5.00	\$ 15.00	\$ 21,825.00	\$ 19.53	\$ 42.46	\$ 61.99	\$ 90,195.45
406	638	POLYETHELENE ENCASMENT	485	FT	\$ 1.00	\$ 485.00	\$ 0.50	\$ 0.50	\$ 1.00	\$ 485.00	\$ 0.50	\$ 0.71	\$ 1.21	\$ 586.85
407	638	6" GATE VALVE AND VALVE BOX	18	EACH	\$ 800.00	\$ 14,400.00	\$ 300.00	\$ 600.00	\$ 900.00	\$ 16,200.00	\$ 50.00	\$ 973.91	\$ 1,023.91	\$ 18,430.38
408	638	8" GATE VALVE AND VALVE BOX	10	EACH	\$ 1,200.00	\$ 12,000.00	\$ 300.00	\$ 800.00	\$ 1,100.00	\$ 11,000.00	\$ 50.00	\$ 1,417.17	\$ 1,467.17	\$ 14,671.70
409	638	6" FIRE HYDRANT	18	EACH	\$ 4,000.00	\$ 72,000.00	\$ 700.00	\$ 3,000.00	\$ 3,700.00	\$ 66,600.00	\$ 500.00	\$ 2,933.22	\$ 3,433.22	\$ 61,797.96
410	638	FIRE HYDRANT REMOVED AND DISPOSED OF	5	EACH	\$ 450.00	\$ 2,250.00	\$ 350.00	\$ 100.00	\$ 450.00	\$ 2,250.00	\$ 500.00	\$ -	\$ 500.00	\$ 2,500.00
411	638	WATER WORK, MISC.: 1" SERVICE VALVE & BOX, COMPLETE	49	EACH	\$ 600.00	\$ 29,400.00	\$ 200.00	\$ 500.00	\$ 700.00	\$ 34,300.00	\$ 200.00	\$ 410.95	\$ 610.95	\$ 29,936.55
412	638	WATER WORK, MISC.: CHLORINATION PIT	6	EACH	\$ 750.00	\$ 4,500.00	\$ 200.00	\$ 300.00	\$ 500.00	\$ 3,000.00	\$ 2,000.00	\$ 253.98	\$ 2,253.98	\$ 13,523.88
413	638	WATER WORK, MISC.: ADDITIONAL DUCTILE IRON FITTINGS	500	LB	\$ 3.00	\$ 1,500.00	\$ 0.50	\$ 2.00	\$ 2.50	\$ 1,250.00	\$ 2.00	\$ 4.86	\$ 6.86	\$ 3,430.00
SANITARY SEWER														
501	611	MANHOLE ADJUSTED TO GRADE	1	EACH	\$ 550.00	\$ 550.00	\$ 200.00	\$ 300.00	\$ 500.00	\$ 500.00	\$ 489.52	\$ 412.19	\$ 901.71	\$ 901.71
TRAFFIC CONTROL														
601	646	EDGE LINE, 4"	1.35	MILE	\$ 4,800.00	\$ 6,480.00	\$ 1,852.00	\$ 1,852.00	\$ 3,704.00	\$ 5,000.40	\$ 1,498.00	\$ 1,498.00	\$ 2,996.00	\$ 4,044.60
602	646	CENTER LINE, DOUBLE SOLID	0.07	MILE	\$ 5,700.00	\$ 399.00	\$ 3,000.00	\$ 2,000.00	\$ 5,000.00	\$ 350.00	\$ 2,621.50	\$ 2,621.50	\$ 5,243.00	\$ 367.01
603	646	CENTER LINE, DASHED	0.39	MILE	\$ 5,700.00	\$ 2,223.00	\$ 3,000.00	\$ 2,000.00	\$ 5,000.00	\$ 1,950.00	\$ 2,621.50	\$ 2,621.50	\$ 5,243.00	\$ 2,044.77
604	646	CENTERLINE, PASS PROHIBITED LEFT	0.13	MILE	\$ 5,700.00	\$ 741.00	\$ 3,000.00	\$ 2,000.00	\$ 5,000.00	\$ 650.00	\$ 2,621.50	\$ 2,621.50	\$ 5,243.00	\$ 681.59
605	646	CENTERLINE, PASS PROHIBITED RIGHT	0.12	MILE	\$ 5,700.00	\$ 684.00	\$ 3,000.00	\$ 2,000.00	\$ 5,000.00	\$ 600.00	\$ 2,621.50	\$ 2,621.50	\$ 5,243.00	\$ 629.16
606	646	24" STOP LINE	55	FT	\$ 20.00	\$ 1,100.00	\$ 25.00	\$ 25.00	\$ 50.00	\$ 2,750.00	\$ 6.96	\$ 6.95	\$ 13.91	\$ 765.05
607	646	RAILROAD SYMBOL MARKING	2	EACH	\$ 100.00	\$ 200.00	\$ 300.00	\$ 200.00	\$ 500.00	\$ 1,000.00	\$ 347.75	\$ 347.75	\$ 695.50	\$ 1,391.00
MAINTENANCE OF TRAFFIC														
701	614	MAINTAINING TRAFFIC, AS PER PLAN	1	LS	\$ 35,000.00	\$ 35,000.00	\$ -	\$ -	\$ 5,000.00	\$ 5,000.00	\$ 4,106.13	\$ 4,106.12	\$ 8,212.25	\$ 8,212.25
702	614	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE, AS PER PLAN	120	HOURL	\$ 60.00	\$ 7,200.00	\$ -	\$ -	\$ 60.00	\$ 7,200.00	\$ -	\$ -	\$ 60.00	\$ 7,200.00

BERLIN ROAD WATERMAIN REPLACEMENT ENGINEER ESTIMATE							Rising Son Company				Mr. Excavator					
REF. NO.	ODOT ITEM	ITEM DESCRIPTION	TOTAL QNTY	UNIT	TOTAL UNIT PRICE	BID ITEM TOTAL	LABOR UNIT PRICE	MATL UNIT PRICE	TOTAL UNIT PRICE	BID ITEM TOTAL	LABOR UNIT PRICE	MATL UNIT PRICE	TOTAL UNIT PRICE	BID ITEM TOTAL		
CONTINGENCY ITEMS																
801	204	EXCAVATION OF SUBGRADE	88	CY	\$ 20.00	\$ 1,760.00	\$ 7.00	\$ 3.00	\$ 10.00	\$ 880.00	\$ 25.00	\$ -	\$ 25.00	\$ 2,200.00		
802	204	GRANULAR MATERIAL, TYPE C	88	CY	\$ 50.00	\$ 4,400.00	\$ 3.00	\$ 12.00	\$ 15.00	\$ 1,320.00	\$ 25.00	\$ 50.00	\$ 75.00	\$ 6,600.00		
803	204	GEOGRID, AS PER PLAN (TX-160)	264	SY	\$ 5.00	\$ 1,320.00	\$ 0.50	\$ 0.50	\$ 1.00	\$ 264.00	\$ 0.75	\$ 6.53	\$ 7.28	\$ 1,921.92		
804	251	PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN, TYPE 'A'	440	SY	\$ 45.00	\$ 19,800.00	\$ 15.00	\$ 25.00	\$ 40.00	\$ 17,600.00	\$ 12.04	\$ 12.04	\$ 24.08	\$ 10,595.20		
805	253	PAVEMENT REPAIR, AS PER PLAN	440	SY	\$ 75.00	\$ 33,000.00	\$ 10.00	\$ 15.00	\$ 25.00	\$ 11,000.00	\$ 23.14	\$ 23.14	\$ 46.28	\$ 20,363.20		
806	630	GROUND MOUNTED SUPPORT, NO. 3 POST	27	FT	\$ 20.00	\$ 540.00	\$ 5.00	\$ 5.00	\$ 10.00	\$ 270.00	\$ 13.38	\$ 13.37	\$ 26.75	\$ 722.25		
807	630	SIGN, FLAT SHEET	10	SF	\$ 20.00	\$ 200.00	\$ 30.00	\$ 20.00	\$ 50.00	\$ 500.00	\$ 13.38	\$ 13.37	\$ 26.75	\$ 267.50		
MISCELLANEOUS																
851	201	CLEARING AND GRUBBING	1	LS	\$ 5,000.00	\$ 5,000.00	\$ -	\$ -	\$ 500.00	\$ 500.00	\$ 2,000.00	\$ -	\$ 2,000.00	\$ 2,000.00		
852	624	MOBILIZATION	1	LS	\$ 40,000.00	\$ 40,000.00	\$ -	\$ -	\$ 5,000.00	\$ 5,000.00	\$ 26,070.00	\$ -	\$ 26,070.00	\$ 26,070.00		
853	SPECIAL	POT-HOLING EXISTING UTILITIES	1	LS	\$ 5,000.00	\$ 5,000.00	\$ -	\$ -	\$ 1,000.00	\$ 1,000.00	\$ 10,000.00	\$ -	\$ 10,000.00	\$ 10,000.00		
854	SPECIAL	ADJUSTMENT TO UTILITIES	1	LS	\$ 5,000.00	\$ 5,000.00	\$ -	\$ -	\$ 500.00	\$ 500.00	\$ 10,000.00	\$ -	\$ 10,000.00	\$ 10,000.00		
855	SPECIAL	UTILITY REPAIRS	1	LS	\$ 5,000.00	\$ 5,000.00	\$ -	\$ -	\$ 1,000.00	\$ 1,000.00	\$ 10,000.00	\$ -	\$ 10,000.00	\$ 10,000.00		
856	SPECIAL	MISCELLANEOUS REMOVAL/RELOCATION	1	LS	\$ 5,000.00	\$ 5,000.00	\$ -	\$ -	\$ 500.00	\$ 500.00	\$ 5,000.00	\$ -	\$ 5,000.00	\$ 5,000.00		
857	SPECIAL	PROJECT VIDEO	1	LS	\$ 2,000.00	\$ 2,000.00	\$ -	\$ -	\$ 500.00	\$ 500.00	\$ 841.02	\$ -	\$ 841.02	\$ 841.02		
858	SPECIAL	PROJECT BONDING	1	LS	\$ 20,800.00	\$ 20,800.00	\$ -	\$ -	\$ 10,000.00	\$ 10,000.00	\$ -	\$ 16,050.00	\$ 16,050.00	\$ 16,050.00		
861	SPECIAL	RAILROAD INSURANCE	1	LS	\$ 5,000.00	\$ 5,000.00	\$ -	\$ -	\$ 1,000.00	\$ 1,000.00	\$ -	\$ 2,675.00	\$ 2,675.00	\$ 2,675.00		
ALLOWANCES (FOR USE AS DIRECTED BY THE ENGINEER)																
902	SPECIAL	CONTINGENCY ALLOWANCE FOR UNFORESEEN PROJECT CONDITIONS	114900	EACH	\$ 1.00	\$ 114,900.00	\$ -	\$ -	\$ 1.00	\$ 114,900.00	\$ -	\$ -	\$ 1.00	\$ 114,900.00		
903	623	CONSTRUCTION LAYOUT STAKES AND SURVEYING	20000	EACH	\$ 1.00	\$ 20,000.00	\$ -	\$ -	\$ 1.00	\$ 20,000.00	\$ -	\$ -	\$ 1.00	\$ 20,000.00		
904	SPECIAL	AS-BUILT PLANS	6000	EACH	\$ 1.00	\$ 6,000.00	\$ -	\$ -	\$ 1.00	\$ 6,000.00	\$ -	\$ -	\$ 1.00	\$ 6,000.00		
905	SPECIAL	CONCRETE TESTING	3400	EACH	\$ 1.00	\$ 3,400.00	\$ -	\$ -	\$ 1.00	\$ 3,400.00	\$ -	\$ -	\$ 1.00	\$ 3,400.00		
908	SPECIAL	ALLOWANCE FOR ADDITIONAL INSPECTION SERVICES	1000	EACH	\$ 1.00	\$ 1,000.00	\$ -	\$ -	\$ 1.00	\$ 1,000.00	\$ -	\$ -	\$ 1.00	\$ 1,000.00		
909	SPECIAL	ALLOWANCE FOR RAILROAD FLAGGING AND INSPECTION SERVICES	10000	EACH	\$ 1.00	\$ 10,000.00	\$ -	\$ -	\$ 1.00	\$ 10,000.00	\$ -	\$ -	\$ 1.00	\$ 10,000.00		
BID TOTAL =						\$ 1,401,374.00	BID TOTAL =				\$ 1,404,000.40	BID TOTAL =				\$ 1,522,423.35