

Proposal

3/11/2004

Submitted To:

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Job Name:

Chappell Crossing

Description	Quantity	Unit	Unit Cost	Total Cost
Chappell Crossing BLVD.				
Roadway				
Clearing & Grubbing	1	LS	\$10,000.00	\$10,000.00
Pipe Removed, 24" and Under	75	LF	\$15.00	\$1,125.00
Excavation not Including Embankment	3055	CY	\$2.80	\$8,554.00
Excavation of Pond	17720	CY	\$2.80	\$49,616.00
Embankment +15%	4289.7	CY	\$0.50	\$2,144.85
Subgrade Repair	6500	CY	\$6.00	\$39,000.00
Subgrade Compaction	6809	SY	\$2.50	\$17,022.50
Bituminous Aggregate Base	1186	CY	\$70.00	\$83,020.00
Aggregate Base	803	CY	\$35.00	\$28,105.00
Bituminous Asphalt, Intermediate Course	407	CY	\$100.00	\$40,700.00
Bituminous Asphalt, Surface Course	204	CY	\$100.00	\$20,400.00
Tack Coat	742	GAL	\$3.25	\$2,411.50
Prime Coat	2724	GAL	\$1.75	\$4,767.00
Curb & Gutter Type 2	4026	LF	\$10.50	\$42,273.00
Concrete Median	21	SY	\$65.00	\$1,365.00
Layout Stakes	1	LS	\$25,000.00	\$25,000.00
Seeding & Mulching	14143	SY	\$0.50	\$7,071.50
Commercial Fertilizer	1,41903	TON	\$500.00	\$709,52
Water	34,15672	M GAL	\$8.00	\$273.25
Conduit			\$391,358.12	
4" Conduit, Sch 40	302	LF	\$5.00	\$1,510.00
Erosion Control			\$1,510.00	
Repair Seeding	2828.4	EA	\$1.00	\$2,828.40
Straw or Hay Bales	85	EA	\$6.50	\$552.50
Inlet Protection	10	EA	\$75.00	\$750.00
Drainage			\$4,130.90	
Paved Gutter, Type 1-2	1700	LF	\$35.00	\$59,500.00
12" Conduit ADS N-12	60	LF	\$24.00	\$1,440.00
15" Conduit ADS N-12	59	LF	\$26.00	\$1,534.00
18" Conduit ADS N-12	67	LF	\$29.00	\$1,943.00
24" Conduit ADS N-12	130	LF	\$34.00	\$4,420.00

**BROSHEAR CONTRACTORS, INC.**

2520 Millville-Ross Road  
 Hamilton, OH 45013

Phone (513) 863-3388  
 Fax (513) 863-2039

Website  
[www.broshear.com](http://www.broshear.com)

chappell crossing



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Chappell Loop Rd. Roadway							
Clearing & Grubbing	1 LS		\$5,000.00		\$5,000.00		
Excavation not Including Embankment	275 CY		\$2.80		\$770.00		
Embankment +15%	3019 CY		\$0.50		\$1,509.50		
Subgrade Repair	4000 CY		\$6.00		\$24,000.00		
Subgrade Compaction	3572 SY		\$2.50		\$8,930.00		
Bituminous Aggregate Base	596 CY		\$70.00		\$41,720.00		
Aggregate Base	397 CY		\$35.00		\$13,895.00		
Bituminous Asphalt, Intermediate Course	200 CY		\$100.00		\$20,000.00		
Bituminous Asphalt, Surface Course	100 CY		\$100.00		\$10,000.00		
Tack Coat	357 GAL		\$3.25		\$1,160.25		
Prime Coat	1429 GAL		\$1.75		\$2,500.75		
Curb & Gutter Type 2	2382 LF		\$10.50		\$25,011.00		
Layout Stakes	1 LS		\$9,000.00		\$9,000.00		
Seeding & Mulching	5440 SY		\$0.50		\$2,720.00		
Commercial Fertilizer	0.49 TON		\$500.00		\$245.00		
Water	11.75 M GAL		\$8.00		\$94.00		
			\$166,555.50				
<b>Conduit</b>							
4" Conduit, Sch 40	152 LF		\$5.00		\$760.00		
			\$760.00				
<b>Erosion Control</b>							
Repair Seeding	1088 EA		\$1.00		\$1,088.00		
Straw or Hay Bales	15 EA		\$6.50		\$97.50		
Inlet Protection	6 EA		\$75.00		\$450.00		
			\$1,635.50				
<b>Drainage</b>							
12" Conduit ADS N-12	78 LF		\$24.00		\$1,872.00		
24" Conduit ADS N-12	275 LF		\$34.00		\$9,350.00		
30" Conduit ADS N-12	400 LF		\$38.00		\$15,200.00		
ODD1 CB 3	3 EA		\$2,000.00		\$6,000.00		
BCED CB 3Mod	3 EA		\$2,800.00		\$8,400.00		
Concrete Headwall	3.82 CY		\$800.00		\$3,056.00		
			\$43,878.00				
<b>Sanitary Sewer</b>							
10" Conduit	1040 LF		\$36.00		\$37,440.00		

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Description	Quantity	Unit	Unit Cost	Total Cost
<b>Chappell Crossing BLVD.</b>				
<i>Roadway</i>				
Pipe Removed, 24" and Under	75 LF		\$15.00	\$1,125.00
Excavation not including Embankment	3055 CY		\$2.80	\$8,554.00
Excavation of Pond	17720 CY		\$2.80	\$49,616.00
Embankment +15%	4101 CY		\$0.50	\$2,050.50
Undercut	6500 CY		\$6.00	\$39,000.00
Subgrade Compaction	7300 SY		\$1.00	\$7,300.00
Asphalt Base Course	6300 SY		\$15.00	\$94,500.00
Asphalt Leveling Course	6300 SY		\$4.00	\$25,200.00
Asphalt Surface Course	6300 SY		\$2.00	\$12,600.00
Curb & Gutter Type 2	3995 LF		\$10.50	\$41,942.50
Curb & Gutter Type 6	650 LF		\$12.00	\$7,800.00
Concrete Median	21 SY		\$65.00	\$1,365.00
20" Steel Encasement	210 LF		\$35.00	\$7,350.00
			\$298,303.00	
<b>Conduit</b>				
Electric Crossovers (4 per Trench)	300 LF		\$12.00	\$3,600.00
			\$3,600.00	
<b>Erosion Control</b>				
Repair Seeding	2828 SY		\$1.00	\$2,828.00
Seeding & Mulching	14143 SY		\$0.50	\$7,071.50
Straw or Hay Bales	80 EA		\$6.50	\$520.00
Inlet Protection	8 EA		\$75.00	\$600.00
			\$11,019.50	
<b>Drainage</b>				
Paved Gutter, Type 1-2	1694 LF		\$45.00	\$76,230.00
6" Perforated Underdrain	616 LF		\$17.00	\$10,472.00
6" Solid Underdrain	20 LF		\$17.00	\$340.00
15" Conduit ADS N-12	97 LF		\$26.93	\$2,612.21
18" Conduit ADS N-12	71 LF		\$29.24	\$2,076.04
24" Conduit ADS N-12	82 LF		\$32.95	\$2,704.36
30" Conduit ADS N-12	166 LF		\$45.33	\$7,524.78
60"x36" Elliptical Conduit ACP	752 LF		\$140.00	\$105,280.00
0091 CB 3	7 EA		\$2,000.00	\$14,000.00
BCEO CB 3Mod	1 EA		\$2,800.00	\$2,800.00
Manhole with Slab	3 EA		\$5,000.00	\$15,000.00
30" Wing Wall	2 EA		\$2,500.00	\$5,000.00

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Headwall for Elliptical Pipe	2 EA	\$5,000.00	\$10,000.00
Gravel Backfill	410 LF	\$10.00	\$4,100.00
Dry-Prime 24hr Pump	8 Days	\$150.00	\$1,200.00
		\$259,939.39	
<b>Sanitary Sewer</b>			
10" Sanitary Sewer	1873 LF	\$35.50	\$66,491.50
Concrete Encasement	40 LF	\$50.00	\$2,000.00
Sanitary Manhole Type A	5 EA	\$2,100.00	\$10,500.00
Vacuum Test Manholes	5 EA	\$100.00	\$500.00
Manhole, Adjusted to Grade	2 EA	\$400.00	\$800.00
Connect to Existing	1 EA	\$2,000.00	\$2,000.00
Gravel Backfill	160 LF	\$15.00	\$2,400.00
Dry-Prime 24hr Pump	15 Days	\$150.00	\$2,250.00
		\$86,941.50	
<b>Watermain</b>			
10" Watermain CL 53	1938 LF	\$30.53	\$59,167.14
6" Temporary Fire Hydrant	1 EA	\$2,000.00	\$2,000.00
Fire Hydrant Complete	5 EA	\$2,200.00	\$11,000.00
Purity Test Station	2 EA	\$500.00	\$1,000.00
10" Valve & Box	6 EA	\$1,200.00	\$7,200.00
Adjust Valve Box to Grade	3 EA	\$100.00	\$300.00
10"x10" Tapping Valve & Sleeve	1 EA	\$4,000.00	\$4,000.00
Reconstruct and Connect to Existing Watermain	1 EA	\$4,000.00	\$4,000.00
Gravel Backfill	140 LF	\$5.00	\$700.00
		\$89,367.14	
<b>Traffic Control</b>			
24" Stop Line	63 LF	\$10.40	\$655.20
8" Channelizing Line	80 LF	\$6.30	\$504.00
Crosswalk	279 LF	\$4.00	\$1,116.00
Lane Arrow	2 EA	\$150.00	\$300.00
Word on Pavement	2 EA	\$200.00	\$400.00
Traffic Signal Modification	1 LS	By Others	By Others
Maintain Traffic	1 LS	\$5,000.00	\$5,000.00
		\$7,975.20	
Total Chappell Crossing Cost			\$757,145.73

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Chappell Loop Rd.						
Roadway						
Excavation not Including Embankment	275 CY	\$2.80		\$770.00		
Embankment +15%	3019 CY	\$0.50		\$1,509.50		
Undercut	4000 CY	\$6.00		\$24,000.00		
Subgrade Compaction	4488 SY	\$1.00		\$4,488.00		
Asphalt Base Course	3500 SY	\$15.00		\$52,500.00		
Asphalt Leveling Course	3500 SY	\$4.00		\$14,000.00		
Asphalt Surface Course	3500 SY	\$2.00		\$7,000.00		
Curb & Gutter Type 2	2532 LF	\$10.50		\$26,586.00		
Conduit				\$130,853.50		
Electric Crossovers (4 per Trench)	150 LF	\$12.00		\$1,800.00		
Erosion Control				\$1,800.00		
Repair Seeding	1088 EA	\$1.00		\$1,088.00		
Seeding & Mulching	5440 SY	\$0.50		\$2,720.00		
Straw or Hay Bales	15 EA	\$6.50		\$97.50		
Inlet Protection	6 EA	\$75.00		\$450.00		
Drainage				\$4,355.50		
12" Conduit ADS N-12	120 LF	\$25.61		\$3,073.20		
24" Conduit ADS N-12	69 LF	\$32.93		\$2,272.17		
30" Conduit ADS N-12	701 LF	\$45.33		\$31,776.33		
36" Conduit ADS N-12	95 LF	\$49.73		\$4,724.35		
ODOT CB 3	4 EA	\$2,000.00		\$8,000.00		
BCEO CB 3Mod	4 EA	\$2,800.00		\$11,200.00		
Gravel Backfill	120 LF	\$10.00		\$1,200.00		
Dirt-Prime 24hr Pump	4 Days	\$150.00		\$600.00		
Sanitary Sewer				\$62,846.05		
10" Sanitary Sewer	1351 LF	\$35.50		\$47,960.50		
Manhole A	9 EA	\$2,100.00		\$18,900.00		
Vacuum Test Manholes	9 EA	\$100.00		\$900.00		
Gravel Backfill	80 LF	\$15.00		\$1,200.00		
Dirt-Prime 24hr Pump	12 Days	\$150.00		\$1,800.00		
				\$70,760.50		







## CONSTRUCTION AGREEMENT

This Agreement, made this 12th day of July, 2004, by and between CHAPPCO LLC, 6097 Chappelheld Dr., West Chester, Ohio 45069, hereinafter called the OWNER, and BROSHEAR CONTRACTORS, INC. hereinafter called the CONTRACTOR, witnesseseth: That the OWNER and the CONTRACTOR for the consideration hereinafter named, agree as follows:

1. SCOPE OF WORK: The CONTRACTOR shall furnish all labor, materials, tools, equipment and supervision to construct CHAPPELL CROSSING. The CONTRACTOR shall construct all improvement as shown on the plans and the notes and specifications on the plans, all of which are attached hereto and made a part hereof and referred to as Exhibit "A" as prepared by NEXUS ENGINEERING, hereinafter called the ENGINEER. The CONTRACTOR shall construct the improvement in accordance with prices, terms and conditions referred to in the Proposal of Contractor, Exhibit "B". The CONTRACTOR shall construct the improvement complete as defined by the plans and specifications, and in accordance with requirements of pertinent government authorities, including the items set out herein and at the unite prices set forth. Any additional work will be done only if authorized by the owner at a mutually agreed upon unit price. Upon substantial completion of the project the contractor shall provide the owner with documentation, or visual inspection showing that all improvements are in compliance with appropriate specification with the exception of final course of pavement. Any subsequent work required to return these items to previous condition, due to the acts of people other than the contractors duly authorized agents, including cleaning pavement prior to final course, is the responsibility of the owner.

2. LAYING OUT WORK: The ENGINEER shall furnish stakes marking the center lines and limits of all improvements. The CONTRACTOR shall be responsibility for obtaining timely placement of stakes and engineering work the ENGINEER. No construction survey work will be performed by the CONTRACTOR. The ENGINEER shall furnish all stakes, templates, straight edges and other materials necessary for checking and maintaining parts, lines and grades. The ENGINEER shall be responsible for the setting of all stakes necessary for the contractor to complete the contract including line and grade for sanitary sewer services and water services. The CONTRACTOR shall be responsible for the preservation of all stakes and markers as much as practical.

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3. COMMENCEMENT AND COMPLETING OF THE WORK: The CONTRACTOR shall commence said job hereinbefore defined within     days after the date of execution of this contract and the ENGINEER setting stakes as set out herein, and shall continually pursue completion of said work within the fastest reasonable time from said execution date. No work will be performed prior to the execution of the "notice of commencement" as per 1311.04 of the Ohio Revised Code.

4. THE CONTRACT SUM: The OWNER shall pay the CONTRACTOR for the actual amount of work done and materials in place, as measured by the ENGINEER, according to the unit prices and the lump sum prices submitted by the CONTRACTOR in the Proposal of Contractor, hereto annexed and made a part hereof and described as Exhibit "B". The CONTRACTOR shall be fully aware that quantities stated in said Proposal are approximate and that they are not guaranteed by that they do represent a fair basis for the unit prices stated and that the quantities may be increased or decreased without affecting said unit prices provided the overall contract is not decreased more than 25%.

5. MEASUREMENT AND PAYMENT: Measurement shall be made on a horizontal basis and shall be made at sufficient intervals by the ENGINEER to assure as complete a survey as practical of in place work for the payment period. Pavement shall be measured on a surface basis.

Payment shall be made for ninety-five (95) percent of the preceding months satisfactory work constructed and in place as determined and certified by the ENGINEER and shall be paid within twenty (20) days after receipt by OWNER of ENGINEERS certificate. Any invoice not paid within 30 days of invoice date are subject to one percent (1%) per month finance charge. Upon the completion of all contracted work with exception of final course of pavement, the owner will release the retainage amount. If a 1 year maintenance bond is required, this bond will be for 5% of the items that have not received final acceptance by the governing authorities. Payments, whether partial of final, will be made only on certification of the ENGINEERS. The owner will notify the contractor 10 days prior to making direct payments to any subcontractors or suppliers.

6. PERMITS: OWNER shall furnish or obtain licenses, or authorizations, necessary or required for or in connection with the work hereinbefore defined. The owner will be responsible for payment of all inspection fees unless otherwise stipulated. The cost of tap fees, water meters, and construction layout to be incurred by OWNER.

7. EXCEPTIONS TO THE WORK: The following special exceptions shall apply to the contractor's responsibility.

- A. Abnormal dewatering - including pumping, well points, undercutting of trenches and stone bedding considerably greater than plan detail.
- B. Rock excavation - if rock is encountered that cannot be readily excavated with a standard track mounted excavator.
- C. Subgrade treatment - undercutting of soils and placement of stone or slag prior to pouring curb or paving.
- D. Import or export of soil – site grading is designed to balance on site and our prices do not include trucking any soils onto the site or trucking any soil off the site.
- E. Final course asphalt – the unit price for the final course of asphalt is subject to change due to the volatility of the oil market.

If any of these conditions exist the additional work will only be done after the OWNER and CONTRACTOR mutually agree to a price for this additional work.

8. EROSION CONTROL: The CONTRACTOR will place and maintain sediment control measures such as straw bales, silt traps, sediment basins, and temporary seeding during the construction of the streets only if line items and unit prices for this work are established. Once the base course of asphalt is completed, the OWNER will be responsible for maintaining all erosion control measures until the streets are accepted and dedicated.

9. ON SITE DEBRIS PITS: The Engineer shall stake the location of all bury pits as approved by the OWNER. The OWNER shall be responsible for informing the lot owners of the locations of the bury pits.

10. PRE-EXISTING HAZARDOUS SUBSTANCES: The OWNER shall be responsible for any hazardous substance uncovered or revealed at the site which was not shown or indicated in the contract drawings or specifications or identified in the contract documents to be within the scope of the work.

11. INSURANCE: The CONTRACTOR shall furnish and maintain at his own expense and cost, during the entire period of the project, insurance policies underwritten by insurance companies or coverage by state authorities approved by OWNER and/or required by Federal and Ohio laws protecting:

- A. The legal liability of the CONTRACTOR under any Workmen's Compensation Act or other statute or law, to pay claims for personal injuries sustained by its employees, including death resulting therefrom.
- B. The legal liability for the CONTRACTOR for injuries to or death sustained by any person or persons other than its employees, said insurance to be written in limits of not less than \$500,000 for any one person and \$1,000,000 for any one accident involving more than one person.
- C. The legal liability of the CONTRACTOR to pay claims for damage to property on account of occurrences arising out of the work performed under this contract, said insurance to be written in limits of not less than \$500,000 for any one occurrence and not less than \$1,000,000 in the aggregate, including injury to or destruction of wires, conduits, pipes, mains and sewers or other property under the surface of the ground and the collapse of or injury to any building or structure. Coverage for damages to property shall include the liability for damage to property in the care, custody, or control of the CONTRACTOR. CONTRACTOR shall be responsible for damage from blasting and explosions and such activity must be approved by the ENGINEER in which case additional insurance may be required.
- D. The legal liability of the CONTRACTOR for bodily injury or death arising out of the ownership, maintenance or use of any motor vehicle, in an amount not less than \$500,000 for any one person and \$1,000,000 for any one occurrence involving more than one person.
- E. The legal liability of the CONTRACTOR for damage to property arising out of the ownership, maintenance or use of any motor vehicle, in an amount not less than \$500,000 for any one occurrence and not less than \$1,000,000 in the aggregate. Coverage shall include the liability of damage to property in the care, custody, or control of the CONTRACTOR. CONTRACTOR shall furnish OWNER with copies of insurance policies indicating the coverage referred to above upon request by the OWNER.

It is hereby understood and agreed that the OWNER is to provide his own insurance coverages as he deems necessary for this project.

12. **GUARANTEE:** The CONTRACTOR shall guarantee the work against defective material and workmanship for a period of one (1) year from the date of completion of each pay item. If, within said period of guarantee, any of the work shall prove to be defective, either in material or workmanship, the CONTRACTOR will repair or replace the same at the CONTRACTOR'S own cost and expense to the reasonable satisfaction of the OWNER. The CONTRACTOR is not responsible for repairs or replacement due to the acts of other parties. Any costs incurred due to other parties will be reimbursed to CONTRACTOR by the OWNER at an agreed upon price.

13. **HOUSEKEEPING AND CLEANUP:** The CONTRACTOR shall maintain good housekeeping during the course of the project and upon completion and before acceptance and final payment is made, the CONTRACTOR shall dispose of all surplus and discarded construction materials in the manner acceptable to owner and shall leave the site in the neat and presentable condition. The CONTRACTOR shall provide and maintain adequate sanitary facilities for his employees.

14. **CONTRACT DOCUMENTS:** This Agreement, the Plans (Exhibit "A"), the Specifications and Engineering Estimate (as referred to in the Proposal of Contractor), and the Proposal of CONTRACTOR (Exhibit "B"), shall form the contract documents and are fully a part of this contract herein repeated. In case of disagreement, this Agreement, the Plans and the Specifications shall take precedence and shall control in the order in resolving such disagreement. The CONTRACTOR and OWNER shall take no advantage of any error of omission of dimensions in the plans or of any discrepancy between the plans and specifications. The CONTRACTOR shall notify the ENGINEER of such error, omission or discrepancy so that the ENGINEER may make suitable corrections.



The terms of this Agreement shall be binding on the parties hereto, their respective heirs, executors, administrators, successors, and assigns.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the day and year first above written.

WITNESSES:

\_\_\_\_\_  
BY: \_\_\_\_\_

\_\_\_\_\_  
BROSHEAR CONTRACTORS, INC.

\_\_\_\_\_  
CHAPPCO LLC

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Job Name:

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Description	Quantity	Unit	Unit Cost	Total Cost
Chappell Crossing BYD.				
Roadway				
Pipe Removed, 24" and Under	75 LF		\$15.00	\$1,125.00
Excavation not Including Embankment	3055 CY		\$2.80	\$8,554.00
Excavation of Pond	17720 CY		\$2.80	\$49,616.00
Embankment +15%	4101 CY		\$0.50	\$2,050.50
Undercut	5500 CY		\$6.00	\$33,000.00
Subgrade Compaction	7300 SY		\$1.00	\$7,300.00
Asphalt Base Course	6300 SY		\$15.00	\$94,500.00
Asphalt Levelling Course	6300 SY		\$4.00	\$25,200.00
Asphalt Surface Course	6300 SY		\$2.00	\$12,600.00
Curb & Gutter Type 2	3985 LF		\$10.50	\$41,842.50
Curb & Gutter Type 6	650 LF		\$12.00	\$7,800.00
Concrete Median	21 SY		\$65.00	\$1,365.00
20" Steel Encasement	210 LF		\$35.00	\$7,350.00
Conduit				
Electric Crossovers (4 per Trench)	300 LF		\$12.00	\$3,600.00
				\$292,303.00
				\$3,600.00
				\$3,600.00
<b>Erosion Control</b>				
Repair Seeding	2828 SY		\$1.00	\$2,828.00
Seeding & Mulching	14143 SY		\$0.50	\$7,071.50
Straw or Hay Bales	80 EA		\$6.50	\$520.00
Inlet Protection	8 EA		\$75.00	\$600.00
				\$11,019.50
<b>Drainage</b>				
Paved Gutter, Type 1-2	1694 LF		\$45.00	\$76,230.00
6" Perforated Underdrain	616 LF		\$17.00	\$10,472.00
6" Solid Underdrain	20 LF		\$17.00	\$340.00
15" Conduit ADS N-12	97 LF		\$26.93	\$2,612.21
18" Conduit ADS N-12	71 LF		\$29.24	\$2,076.04
24" Conduit ADS N-12	82 LF		\$32.98	\$2,704.36
30" Conduit ADS N-12	166 LF		\$45.33	\$7,524.78
60"X38" Elliptical Conduit ACMP	752 LF		\$140.00	\$105,280.00
0001 CB 3	7 EA		\$2,000.00	\$14,000.00
BCEO CB 3Mod	1 EA		\$2,800.00	\$2,800.00
Manhole with Slab	3 EA		\$5,000.00	\$15,000.00
30" Wing Wall	2 EA		\$2,800.00	\$5,600.00

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 Job Name:

Chappell Crossing

Headwall for Elliptical Pipe	2 EA	\$5,000.00	\$10,000.00
Gravel Backfill	410 LF	\$10.00	\$4,100.00
Dry-Prime 24hr Pump	8 Days	\$150.00	\$1,200.00
		<b>\$259,939.39</b>	
<b>Sanitary Sewer</b>			
10" Sanitary Sewer	1873 LF	\$35.50	\$66,491.50
Concrete Encasement	40 LF	\$50.00	\$2,000.00
Sanitary Manhole Type A	5 EA	\$2,100.00	\$10,500.00
Vacuum Test Manholes	5 EA	\$100.00	\$500.00
Manhole, Adjusted to Grade	2 EA	\$400.00	\$800.00
Connect to Existing	1 EA	\$2,000.00	\$2,000.00
Gravel Backfill	160 LF	\$15.00	\$2,400.00
Dry-Prime 24hr Pump	15 Days	\$150.00	\$2,250.00
		<b>\$86,941.50</b>	
<b>Watermain</b>			
10" Watermain CL 53	1938 LF	\$30.53	\$59,167.14
6" Temporary Fire Hydrant	1 EA	\$2,000.00	\$2,000.00
Fire Hydrant Complete	5 EA	\$2,200.00	\$11,000.00
Purity Test Station	2 EA	\$500.00	\$1,000.00
10" Valve & Box	6 EA	\$1,200.00	\$7,200.00
Adjust Valve Box to Grade	3 EA	\$100.00	\$300.00
10"x10" Tapping Valve & Sleeve	1 EA	\$4,000.00	\$4,000.00
Reconstruct and Connect to Existing Watermain	1 EA	\$4,000.00	\$4,000.00
Gravel Backfill	140 LF	\$5.00	\$700.00
		<b>\$89,367.14</b>	
<b>Traffic Control</b>			
24" Stop Line	63 LF	\$10.40	\$655.20
8" Channelizing Line	80 LF	\$6.30	\$504.00
Crosswalk	279 LF	\$4.00	\$1,116.00
Lane Arrow	2 EA	\$150.00	\$300.00
Work on Pavement	2 EA	\$200.00	\$400.00
Traffic Signal Modification	1 LS	By Others	By Others
Maintain Traffic	1 LS	\$5,000.00	\$5,000.00
		<b>\$7,975.20</b>	
<b>Total Chappell Crossing Cost</b>			<b>\$751,145.78</b>





