

3/11/2004

Page 1

Proposal

Chappell Cossing

Job Name: Submitted To:

Description

Drainage 24" Conduit ADS N-12 18" Conduit ADS N-12 15" Conduit ADS N-12 Paved Gutter, Type 1-2 Inlet Protection Erosion Control 4" Conduit, Sch 40 Bituminous Aspahlt, Surface Course 12" Conduit ADS N-12 Straw or Hay Bales Repair Seeding Conduit Commercial Fertilizer Seeding & Mulching Concrete Median Curb & Gutter Type 6 Curb & Gutter Type 2 Prime Coat tack Coat Bituminous Asphalt, Intermediate Course Bituminous Aggregate Base Subgrade Compaction Subgrade Repair Pipe Removed, 24" and Under Layout Stakes Aggregate Base Embankment +15% **Excavation of Pond Excavation not Including Embankment** Clearing & Grubbing Roadway Chappell Crossing BLVD. Quantity 34.15672 M GAL 1.41903 TON 2828.4 EA 4289.7 CY 14143 SY 17720 CY 4026 LF 1700 LF 2724 GAL 1186 CY 6809 SY 6500 CY 3055 CY 742 GAL 302 LF 407 CY 130 LF 650 LF 204 CY 803 CY 67 LF 59 LF 60 LF 10 EA 85 EA 21 SY 75 LF LS Unit Unit 8391,358.12 \$25,000.00 \$10,000.00 \$4,130.90 \$1,510.00 \$100.00 \$500.00 \$100,00 \$24.00 \$34.00 \$29.00\$26.00 835.00 \$75.00 \$65.00 \$12.00 \$10.50 \$70.00 \$15.00 \$35,00 Cost \$6.50 \$1.00 \$5.00 **\$1.75** \$3.25 \$2.50 \$6.00 \$0.50\$2.80 \$2.80 Total Cost \$59,500.00 \$1,440.00 \$20,400.00 \$40,700.00 \$28,105.00 \$17,022.50 \$25,000.00 842,273.00 \$83,020.00 \$39,000.00 849,616.00 \$10,000.00 \$1,943.00 \$1,534.00 \$7,071.50 \$1,365.00 87,800.00 \$4,767.00 \$2,144.85 \$2,828.40 \$1,510.00 \$2,411.50 \$4,420.00 \$8,554.00 \$1,125.00 \$273.25 8750.00 8552.50 \$709.52

BROSHEAR CONTRACTORS, INC.

2520 Millville-Ross Road Hamilton, OH 45013

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

Website www.broshear.com



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Submitted To: Job Name:

Chappell Cossing

0077 707 00			Tatal Charmall Charing Cont
			A sharper of the state of the s
	\$18,330.00		
\$15,000.00	\$15,000.00	1 LS	Traffic Signal Modification
\$250.00	\$125.00	2 EA	Word on Pavement
\$180.00	\$90.00	2 EA	Lane Arrow
\$852.00	\$4.00	213 LF	Crosswalk
\$404.00	\$4.00	101 LF	Channelizing Line
\$360.00	\$10.00	36 LF	Centerline, Double Yellow
\$1,284.00	\$12.00	107 SY	Stop Line
			Traffic Control
	\$97,495.00		
\$655.00	\$655.00	1 EA	Air Release Valve
\$4,000.00	\$4,000.00	1 EA	10"x10' Tapping Valve & Sleeve
\$1,200.00	\$1,200.00	1 EA	10"x10" tee
\$300.00	\$100.00	3 EA	Adjust Valve Box to Grade
\$8,400.00	\$1,200.00	7 EA	10" Valve & Box
\$10,400.00	\$2,600.00	4 EA	Fire Hydrant Complete
\$2,700.00	\$1,350.00	2 EA	6" Fire Hydrant, relocated
\$2,000.00	\$2,000.00	1 EA	6" Temporary Fire Hydarnt
\$67,840.00	\$32.00	2120 LF	10" Watermain CL 53
			Watermain
	\$67,628.00		
\$800.00	\$400,00	2 EA	Manhole, Adjusted to Grade
\$6,300.00	\$2,100.00	3 EA	Manhole, Dead End
\$8,400.00	\$2,100.00	4 EA	Manhole A
852,128.00	\$36.00	1448 LF	10" Conduit
			Sanitary Sewer
	\$274,975.00		
\$700.00	\$10.00	70 LF	Aggregate Drains
\$28,096.00	\$800.00	35.12 cy	Concrete Headwall
\$15,000.00	\$5,000.00	3 EA	Manhole with Slab
\$5,600.00	\$2,800.00	2 EA	BCEO CB 3Mod
\$16,000.00	\$2,000.00	8 EA	ODOT CB 3
\$88,740.00	\$170.00	522 LF	60"x38" Elliptical Conduit ACMP
\$41,400.00	\$180.00	230 LF	68"x43" Elliptical Contuit ACMP
84,370.00	\$46.00	95 LF	36" Conduit ADS N-12
\$6,232.00	\$38.00	164 LF	30" Conduit ADS N-12

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Proposal

Chappell Cossing

Job Name: Submitted To:

Water Sanitary 30" Conduit ADS N-12 Erosion Control 4" Conduit, Sch 40 10" Conduit Concrete Headwall BCEO CB 3Mod 24" Conduit ADS N-12 Drainage Straw or Hay Bales Repair Seeding Conduit Commercial Fertilizer Seeding & Mulching Curb & Gutter Type 2 Prime Coat Bituminous Asphalt, Intermediate Course Aggregate Base Bituminous Aggregate Base Subgrade Compaction Subgrade Repair Inlet Protection Layout Stakes Tack Coat Bituminous Aspahlt, Surface Course Embankment +15% **Excavation not Including Embankment** Roadway Chappell Clearing & Grubbing 12" Conduit ADS N-12 door Rd. 3572 SY 3019 CY 11.75 M GAL 1088 EA 5440 SY 2382 LF 1429 GAL 4000 CY 1040 LF 3.82 CY 0.49 TON 400 LF 397 CY 1 LS 275 CY 275 LF 152 LF 357 GAL 100 CY 596 CY 200 CY 15 EA 78 LF 3 EA 3 EA 6 EA \$166,555.50 \$43,878.00 \$2,800.00 \$2,000.00 \$1,635.50 \$9,000.00 \$5,000.00 \$500.00 \$800,00 \$100.00 \$100.00 \$760.00 \$38.00 \$34.00 \$36.00 \$75.00 \$10.50 \$35,00 \$70.00 \$24.00 \$6.50 \$0.50\$1.75 \$3.25 \$1.00 \$5,00 \$2.50\$6.00\$2.80 \$0.50 \$15,200.00 \$37,440.00 \$25,011.00 \$10,000.00 \$20,000.00 \$13,895.00 \$41,720.00 \$24,000.00 \$9,350.00 \$6,000.00 \$3,056.00 \$8,400.00 \$1,872.00 \$1,088.00 \$2,720.00 \$9,000.00 \$2,500.75 \$1,160.25 \$8,930.00 \$1,509.50 \$5,000.00 8770.00 \$450.00 \$760.00 \$245.00 \$97.50 \$94.00

BROSHEAR CONTRACTORS, INC

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

Website www.broshear.com



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Submitted To: Job Name:

Manhole A	5 EA	A	\$2,100.00	\$10,500.00
Manhole, Dead End	1 EA	EA	\$2,100.00	\$2,100.00
			\$50,040.00	
Watermain				
10" Watermain CL 53	1118 LF	5	\$32.00	\$35,776.00
6" Fire Hydrant, Relocated		EA	\$1,350.00	\$1,350.00
Fire Hydrant Complete	2 EA	EA	\$2,600.00	\$5,200.00
10" Valve & Box	2 EA	EA	\$1,200.00	\$2,400.00
10"x10" Tee	2 EA	EA	\$1,200.00	\$2,400.00
Air Release Valve	_	1 EA	\$655.00	\$655.00
			\$47,781.00	
Total Chappell Loop Cost				\$310,650.00
Grand Total				\$1,166,077.02
**				
1) Geo-Tech Engineers is to be empolyed by the developer for all soil and material testing	ed by the	developer f	or all soil and material test	ing.
2) Existing utility poles and underground utilities within construction limits to be removed or relocated by	l utilities v	vithin constr	ruction limits to be remove	d or relocated by
others.				
3 All maintence of erosion control measures after initial installation of erosion control will be completed	ures after	initial insta	llation of erosion control w	ill be completed
on a time and material basis.				
4) All inspection fees to be paid by the developer.	leveloper.			



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Submitted To: Job Name:

\$5,600.00	\$2,800.00	10 N	Wine Wall
\$15,000.00	85,000.00	э Т	Manhale with Slat
\$2,500.00	\$2,800.00	P. D.	BCEO CB 3Mod
\$14,000,00	\$2,000.00		0001 CB 3
\$105,280.00	8140.00	752 IF	60"x36" Elliptical Conduit ACMP
\$7,524.78	\$45.33	166 LF	30" Conduit ADS N-12
\$2,704.36	\$32.98	92	24" Conduit ADS N-12
\$2,076.04	\$29.24	undel from	18" Conduit ADS N-12
\$2,612.21	\$26.93	79	15" Conduit ADS N-12
\$340.00	517.00	20	6" Solid Underdrain
\$10,472.00	\$17.00	516 F	6" Perforated Underdrain
\$76,230.00	\$45.00	1694 I.F	Paved Gutter, Type 1-2
- And a state of the state of t	THE PARTY OF THE P	NO AND METROPOLY A THE TIME TO AN ADDRESS OF THE TIME TO ADDRESS OF T	Drainage
110 mm 11 m 1 m 1 m 1 m 1 m 1 m 1 m 1 m	\$11,019.50		
00.000	\$75.00	8 EA	Inlet Protection
\$520.00	\$6,59	80 EA	Straw or Hay Bales
\$7,071.50	80.50	14143 SV	Seeding & Mulching
\$2,828.00	S1.00	2828 SY	Repair Seeding
			Erosion Control
	\$3,600.00		
\$3,000.00	872.00	300	Electric Crossovers (4 per Trench)
			Conduit
	\$298,303.00		
	415.74	# T * (T *)	AN GROUP CHAMBOURDER
\$7,350.00	60.708	22 0 C	20" Shel Encasement
\$1,365.00	865.00	21 SY	Concrete Median
\$7,800.00	812.00	650 LF	Curb & Gutter Type 6
\$41,842.50	\$16.50	3985 E	Curb & Gutter Type 2
\$12,600.00	\$2.00	6300 SY	Asphalt Surface Course
\$25,200.00	\$4.00	6300 SY	Asphali Leveling Course
894,500.00	\$15.00	4S 0089	Asphall Base Course
\$7,300.00	\$1.00	7300 SY	Subgrade Compaction
\$39,000.00	\$6,00	6500 CY	Undercut
\$2,050.50	\$0.50	4101 CY	Embankment +15%
\$49,616.00	82.80	17720 CY	Excavation of Pond
\$8,554.00	\$2.50	3055 CY	Excavation not including Embankment
\$1,125.00	\$15.00	5	Pipe Removed, 24" and Under
- Landon Marie Carlos			Roadway
	- DOUBLE-COMMINISTER OF THE COMMINISTER OF THE COMM	A CONTRACTOR OF THE PROPERTY O	Chappell Crossing BLVD.
Total Cost	Unit Cost	Quantity Unit	Description Qu
1		*	



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Submitted To:
Job Name:

\$757,145.73			Total Chappell Crossing Cost
		= = = = = = = = = = = = = = = = = = =	
ALIANA AND AND AND AND AND AND AND AND AND	01,710.20		
	97 97 O	AND A VALUE OF THE REAL PROPERTY OF THE PROPER	A CANADA TA A CANADA TA CANADA
\$5,000.00	\$5,000.00	1 15	Maintain Traffic
By Others	By Others	1 55	Traffic Signal Modification
\$400.00	\$200.00	2 EA	Word on Pavement
\$300.00	\$150.00	2 EA	Lane Arrow
\$1,116.00	\$4.00	279 LF	Crosswalk
\$504.00	\$6.30	80 LF	8" Channelizing Line
\$655.20	\$10.40	63 LF	24" Stop Line
The second secon	The distribution of the second	THE	Traffic Control
	\$89,367.14	A A A A A A A A A A A A A A A A A A A	
			Annual An
\$700.00	\$5.00	140 LF	Gravel Backfill
\$4,000.00	\$4,000.00	I	Heconstruct and Connect to Existing Watermain
\$4,000.00	\$4,000.00		10"x10" Tapping Valve & Sleeve
\$300.00	\$100.00	3 EA	Adjust Valve Box to Grade
\$7,200.00	\$1,200.00	6 DA	10" Valve & Box
\$1,000.00	\$500.00	2 EA	Purity Test Station
\$11,000.00	\$2,200.00	5 EA	Fire Hydrant Complete
\$2,000.00	\$2,000.00	T EA	6" Temporary Fire Hydarnt
\$59,167.14	\$30,53	1938 IF	10" Watermain CL 58
	- Company of the Comp	John John JA Admin JA	Watermain
denderer	\$86,941.50		
T T	to an electric transmission from the reservence .	THE PROPERTY OF THE PROPERTY O	Diff and 4491 t and
\$2,400.00	\$150.00	160 LF	Gravel Backfill
\$2,000.00	\$2,000.00	T A	Connect to Existing
\$800.00	\$400.00	2 EA	Manhole, Adjusted to Grade
\$500.00	\$100.00	- Land Value of the Control of the C	Vacuum Test Manholes
\$10,500.00	\$2,100.00	5 A	Sanitary Manhole Type A
\$2,000.00	\$50.00	40 LF	Concrete Encasement
\$66,491.50	\$35.50	1873 LF	10" Sanitary Sewer
COOCOCCIONO WINDS			Sanitary Sewer
	\$259,939.39	Name and the second sec	

\$1,200.00	\$150.00	8 Days	Drime 24hr Pamo
\$4,100.00	\$10.00	410 LF	Graval Rackfill
\$10,000.00	\$5,000.00	2 EA	Headwall for Flerifical Pipe



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Proposal

Chappell Cossing

Submitted To:
Job Name:

	\$70,760.50		
\$1,800.00	\$150.00	12 Days	Dri-Prime 24hr Pump
\$1,200.00	\$15.00	80 LF	Gravel Backfill
\$900.00	\$100.00	9 FA	Vacuum Test Manholes
\$18,900.00	\$2,100.00	9 EA	Manhole A
\$47,960.50	\$35.50	1351 LF	10" Sanitary Sewer
LASACHUR PARASANANTE PT TTT TTT TTT	AAA AAA AAA AAAAAAAAAAAAAAAAAAAAAAAAAA	The state of the s	Sanitary Sewer
THE	\$62,846.05	LA LUI A LUIA AVANAMANA	A de des de la constante de la
A A SA	and department of the second o		
8600.00	\$150.00	4 Days	DriPrime 24hr Puma
\$1,200.00	\$10.00	120 LF	Gravel Backfill
\$11,200.00	\$2,800.00	4 EA	BCEO CB 3Mod
\$8,000.00	\$2,000.00	4 EA	ODOT CB 3
\$4,724.35	\$49.73	95 LF	36" Conduit ADS N-12
\$31,776.33	\$45.33	701 LF	30" Conduit ADS N-12
\$2,272.17	\$32.93	69 LF	24" Conduit ADS N-12
\$3,073.20	\$25.61	120 LF	12" Conduit ADS N-12
			Drainage
Salahan mananan manana	84,355.50	A	
\$450.00	\$75.00	6 EA	Inlet Protection
\$97.50	\$6.50	- To	Straw or Hay Bales
\$2,720.00	\$0.50	5440 SY	Seeding & Mulching
\$1,088.00	\$1,00	1088 EA	Repair Seeding
			Erosion Control
	\$1,800.00	A managed at the special and a second	
- Company			
\$1,800.00	\$12.00	150 LF	Electric Crossovers (4 per Trench)
			Conduit
distribution of the second sec	\$130,853.50		
		ALL	
\$26,586.00	\$10.50	2532 LF	Curb & Gutter Type 2
\$7,000.00	\$2.00	3500 SY	Asphalt Surface Course
\$14,000.00	\$4.00	3500 SY	Asphalt Leveling Course
\$52,500.00	\$15.00	3500 SY	Asphalt Base Course
\$4,488.00	\$1.00	4488 SY	Subgrade Compaction
\$24,000.00	\$6.00	4000 CY	Undercut
\$1,509.50	\$0.50	3019 CY	Embankment +15%
\$770.00	\$2.80	275 CY	Excavation not Including Embankment
		***************************************	Roadway
			Chappell Loop Rd.



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Submitted To: Job Name:

	in the second
\$30.53	\$36,208.58
\$2,200.00	\$6,600.00
\$1,200.00	\$2,400.00
\$1,200.00	\$2,400.00
\$5.00	\$0.00
\$47,608.58	
	\$318,224.13
	\$1,075,369.86
eloper for all soil and material te	esting.
n construction limits to be remove	ved or relocated by
ial installation of erosion control	will be completed
	The state of the s
nal #57's (1") gravel for \$16.00/	Vton (delivered and
placed) if required or requested to improve drainage.	and the second s
sy if required.	
	oper for all soil and a construction limits to linstallation of erosi all #57's (1") gravel to lift required.



CONSTRUCTION AGREEMENT

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

- substantial completion of the project the contractor shall provide the owner with will be done only if authorized by the owner at a mutually agreed upon unit price. Upon referred to as Exhibit "A" as prepared by NEXUS ENGINEERING, hereinafter called the specifications on the plans, all of which are attached hereto and made a part hereof and CONTRACTOR shall construct all improvement as shown on the plans and the notes and tools, equipment and supervision to construct CHAPPELL CROSSING. The appropriate specification with the exception of final course of pavement. specifications, and in accordance with requirements of pertinent government authorities, CONTRACTOR shall construct the improvement complete as defined by the plans and prices, terms and conditions referred to in the Proposal of Contractor, Exhibit "B". ENGINEER. The CONTRACTOR shall construct the improvement in accordance with than the contractors duly authorized agents, including cleaning pavement prior to final work required to return these items to previous condition, due to the acts of people other documentation, or visual inspection showing that all improvements are in compliance with including the items set out herein and at the unite prices set forth. Any additional work course, is the responsibility of the owner. 1. SCOPE OF WORK: The CONTRACTOR shall furnish all labor, materials. Any subsequent
- center lines and limits of all improvements. The CONTRACTOR shall be responsibility checking and maintaining parts, lines and grades. The ENGINEER shall be responsible shall furnish all stakes, templates, straight edges and other materials necessary for construction survey work will be performed by the CONTRACTOR. The ENGINEER for the setting of all stakes necessary for the contractor to complete the contract including for obtaining timely placement of stakes and engineering work the ENGINEER. No be responsible for the preservation of all stakes and markers as much as practical line and grade for sanitary sewer services and water services. The CONTRACTOR shall 2. LAYING OUT WORK: The ENGINEER shall furnish stakes marking the



shall continually pursue completion of said work within the fastest reasonable time from date of execution of this contract and the ENGINEER setting stakes as set out herein, and CONTRACTOR shall commence said job hereinbefore defined within 3. COMMENCEMENT AND COMPLETING OF THE WORK: The days after the

commencement" as per 1311.04 of the Ohio Revised Code.

said execution date. No work will be performed prior to the execution of the "notice of

- without affecting said unit prices provided the overall contract is not decreased more that basis for the unit prices stated and that the quantities may be increased or deceased Proposal are approximate and that they are not guaranteed by that they do represent a fair Exhibit "B". The CONTRACTOR shall be fully aware that quantities stated in said the Proposal of Contractor, hereto annexed and made a part hereof and described as according to the unit prices and the lump sum prices submitted by the CONTRACTOR in actual amount of work done and materials in place, as measured by the ENGINEER. 4. THE CONTRACT SUM: The OWNER shall pay the CONTRACTOR for the
- measured on a surface basis. complete a survey as practical of in place work for the payment period. Pavement shall be horizontal basis and shall be made at sufficient intervals by the ENGINEER to assure as 5. MEASUREMENT AND PAYMENT: Measurement shall be made on a

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

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. of tap fees, water meters, and 6. PERMITS: OWNER shall furnish or obtain licenses, or authorizations construction layout to be incurred by OWNER. The cost



- to the contractors responsibility. 7. EXCEPTIONS TO THE WORK: The following special exceptions shall apply
- trenches and stone bedding considerably greater than plan detail A. Abnormal dewatering - including pumping, well points, undercutting of
- a standard track mounted excavator. B. Rock excavation - if rock is encountered that cannot be readily excavated with
- to pouring curb or paving. C. Subgrade treatment - undercutting of soils and placement of stone or slag prior
- prices do not include trucking any soils onto the site or trucking any soil off the D. Import or export of soil – site grading is designed to balance on site and our
- change due to the volatility of the oil market. E. Final course asphalt — the unit price for the final course of asphalt is subject to

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

- established. Once the base course of asphalt is completed, the OWNER will be during the construction of the streets only if line items and unit prices for this work are responsible for maintaining all erosion control measures until the streets are accepted and control measures such as straw bales, silt traps, sediment basins, and temporary seeding 8. EROSION CONTROL: The CONTRACTOR will place and maintain sediment
- as approved by the OWNER. The OWNER shall be responsible for informing the lot owners of the locations of the bury pits. 9. ON SITE DEBRIS PITS: The Engineer shall stake the location of all bury pits
- responsible for any hazardous substance uncovered or revealed at the site which was not documents to be within the scope of the work. shown or indicated in the contract drawings or specifications or identified in the contract 10. PRE-EXISTING HAZARDOUS SUBSTANCES: The OWNER shall be
- expense and cost, during the entire period of the project, insurance policies underwritten required by Federal and Ohio laws protecting: by insurance companies or coverage by state authorities approved by OWNER and/or 11. INSURANCE: The CONTRACTOR shall furnish and maintain at his own



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

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



- replacement due to the acts of other parties. Any costs incurred due to other parties will or replace the same at the CONTRACTOR'S own cost and expense to the reasonable prove to be defective, either in material or workmanship, the CONTRACTOR will repair completion of each pay item. If, within said period of guarantee, any of the work shall be reimbursed to CONTRACTOR by the OWNER at an agreed upon price satisfaction of the OWNER. The CONTRACTOR is not responsible for repairs or defective material and workmanship for a period of one (1) year from the date of 12. GUARANTEE: The CONTRACTOR shall guarantee the work against
- discarded construction materials in the manner acceptable to owner and shall leave the site acceptance and final payment is made, the CONTRACTOR shall dispose of all surplus and good housekeeping during the course of the project and upon completion and before in the neat and presentable condition. The CONTRACTOR shall provide and maintain adequate sanitary facilities for his employees. 13. HOUSEKEEPING AND CLEANUP: The CONTRACTOR shall maintain
- omission or discrepancy so that the ENGINEER may make suitable corrections resolving such disagreement. The CONTRACTOR and OWNER shall take no advantage the Plans and the Specifications shall take precedence and shall control in the order in Specifications and Engineering Estimate (as referred to in the Proposal of Contractor), plans and specifications. The CONTRACTOR shall notify the ENGINEER of such error, of any error of omission of dimensions in the plans or of any discrepancy between the are fully a part of this contract herein repeated. Incase of disagreement, this Agreement, and the Proposal of CONTRACTOR (Exhibit "B"), shall form the contract documents and 14. CONTRACT DOCUMENTS: This Agreement, the Plans (Exhibit "A"), the



heirs, exe	 }
cutors, ac	he terms
lministrate	of this Ag
heirs, executors, administrators, successors, and assigns.	reement sl
ssors, and	nall be bir
l assigns.	nding on t
	the parties
	hereto, 1
	their
	The terms of this Agreement shall be binding on the parties hereto, their respective

IN WITNESS WHEREOF, the parthe day and year first above written.	IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of and year first above written.
WITNESSES:	
	BY:
	BROSHEAR CONTRACTORS, INC.

CHAPPCO LLC



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Submitted To: Job Name:

Description	Quantity (Unit	Unit Cost	Total Cost
Chappell Crossing BLVD.				
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 Leveling 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	841,842.50
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
			\$292,303.00	
Conduit				
Electric Crossovers (4 per Trench)	300 LF		\$12.00	\$3,600.00
			\$3.600.00	
Erosion Control				
Repair Seeding	2828 8Y		\$1.00	\$2,828.00
Seeding & Mulching	14143 8Y		\$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	
Drainage				
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 UF		\$26.93	\$2,612.21
18" Conduit ADS N-12	71 15		\$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	762 LF		\$140.00	\$105,280.00
ODOT 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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Submitted To:
Job Name:

\$751,145.73			Total Chappell Crossing Cost
	\$7,975.20		
\$5,000.00	\$5.000.00	1	Paintain Traffic
By Others	By Others	11.5	Traffic Signal Modification
\$400.00	\$200.00	2 EA	Word on Pavement
\$300.00	\$150.00	2 EA	Lane Arrow
\$1,116.00	\$4.00	279 LF	Crosswalk
\$504.00	\$6.30	80 LF	8" Channelizing Line
\$655.20	\$10.40	63 LF	24" Stop Line
			Traffic Control
	\$89,367.14		
\$700.00	\$5.00	140 LF	Gravel Backfill
\$4,000.00	\$4,000.00	1 EA	Watermain
onioooino	91,000.00		TO XIO Tapping vaive & Sieceve
84,900.00	\$4 000 00	1 5	August value box to chang
\$300.00	\$100.00	S EV	Aliest Value Box to Grando
\$7,200.00	\$1,200.00	6 EA	10" Valve & Box
\$1,000.00	\$500.00	2 EA	Purity Test Station
\$11,000.00	\$2,200.00	5 EA	Fire Hydrant Complete
\$2,000.00	\$2,000.00	1 EA	6" Temporary Fire Hydarut
\$59,167.14	\$30.53	1938 LF	10" Watermain CL 53
			Watermain
	\$86,941.50		
\$2,250.00	\$150.00	15 Days	Dri-Prime 24hr Pump
\$2,400.00	\$15.00	160 LF	Gravel Backfill
\$2,000.00	\$2,000.00	1 5	Connect to Existing
\$800.00	\$400.00	2 EA	Manhole, Adjusted to Grade
\$500.00	\$100.00	5 EA	Vacuum Test Manholes
\$10,500.00	\$2,100.00	5 EA	Sanitary Manhole Type A
\$2,000.00	\$50.00	40 LF	Concrete Encasement
\$66,491.50	\$35.50	1873 LF	10' Sanitary Sewer
			Sanitary Sewer
	\$259,939.39		
\$1,200.00	\$150.00	S Days	DriPrime 24hr Pump
\$4,100.00	\$10.00	410 LF	Gravel Backfill
\$10,000.00	\$5,000.00	2 EA	Headwall for Eleptical Pipe



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Submitted To: Job Name:

	\$70,760.50			
				•
\$1,800.00	\$150,00	12 Days	12	Dri-Prime 24hr Pump
\$1,200.00	\$15.00	80 LF	86	Gravel Backfill
\$900.00	\$100.00	9 EA	6	Vacuum Test Manholes
\$18,900.00	\$2,100.00	9 EA	25	Manhole A
\$47,960.50	\$35.50	5	1351 LF	10" Sanitary Sewer
				Sanitary Sewer
	\$62,846.05			
900000	9100.00	4 Days	4	Driffine 24tr Fump
00.003	310.00	120 [+	nz.t.	Gravel Backfill
\$11,200.00	\$2,800.00	4 EA		BCEO CB 3Mod
\$8,000.00	\$2,000.00	4 EA		ODOT CB 3
\$4,724.35	\$49.73	95 LF	95	36" Conduit ADS N-12
\$31,776.33	\$45.33	5	701 LF	30" Conduit ADS N-12
\$2,272.17	\$32.93	69 LF	69	24" Conduit ADS N-12
\$3,073.20	\$25.61	5	120 LF	12" Conduit ADS N-12
				Drainage
	\$4,355.50			
The state of the s				
\$450.00	\$75.00	EA	6	Inlet Protection
\$97.50	\$6.50	15 EA	15	Straw or Hay Bales
\$2,720.00	\$0.50	SY	5440 SY	Seeding & Mulching
\$1,088.00	\$1.00	EA	1088 EA	Repair Seeding
				Erosion Control
	\$1,800.00			
\$1,800.00	\$12.00	L.	150 Ц	Electric Crossovers (4 per Trench)
				Conduit
	\$127,853.50			
\$20,550.00	90.016	Ģ	253Z U	Curb & Gutter Type 2
\$7,000.00	\$2.00	SY	3500 SY	Asphalt Surface Course
\$14,000.00	\$4.00	SY	3500 SY	Asphalt Leveling Course
\$52,500.00	\$15.00	SY	3500 SY	Asphalt Base Course
\$4,488.00	\$1.00	SY	4488 SY	Subgrade Compaction
\$21,000.00	\$6.00	CY	3500 CY	Undercut
\$1,509.50	\$0.50	CY	3019 CY	Embankment +15%
\$770.00	\$2.80	СУ	275 CY	Excavation not including Embankment
				Roadway
				Chappell Loop Rd.



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Submitted To:

Job Name:

		1		-
Watermain				
10" Watermain CL 53	1186 LF	<u>-</u>	\$30.53	\$36,208.58
Fire Hydrant Complete	3 EA	>	\$2,200.00	\$6,600.00
10" Valve & Box	2 EA	×	\$1,200.00	\$2,400.00
10"x10" Tee	2 EA	>	\$1,200.00	\$2,400.00
Gravel Backfill	0 LF	4 7	\$5.00	\$0.00
			\$47,608.58	
Total Chappell Loop Cost				\$315,224.13
Grand Total				\$1,066,369.86
Notes:				
1) Geo-Tech Engineers is to be empolyed by the developer for all soil and material testing	ed by the	developer	for all soil and material test	ting.
2) Existing utility poles and underground utilities within construction limits to be removed or relocated by	l utilities w	vithin const	ruction limits to be remove	ed or relocated by
others.				
3 All maintence of erosion control measures after initial installation of erosion control will be completed	ures after	initial insta	allation of erosion control w	ill be completed
on a time and material basis.				
4) All inspection fees to be paid by the developer	teveloper.			
5) Broshear Contractors will supply and install additional #57's (1") gravel for \$16.00/ton (delivered and	install add	ditional #57	"s (1") gravel for \$16.00/to	on (delivered and
placed) if required or requested to improve drainage	prove dra	inage.		
6) Subgrade stabilization will be completed for \$5.20/sy if required	ted for \$5	.20/sy if re	quired.	