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Phone: (513) 874-8400
Fax: (513) 874-7852

SilverHawke Construction

Geo Tech Eng
Alt Witzik

facsimile transmittal

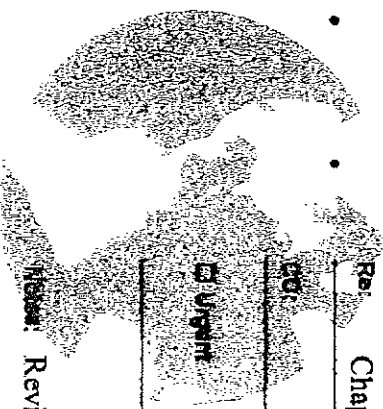
To: Charles Chappell Fax: 777-6178

From: Rob Hollen Date: 5/6/04

Re: Chappell Crossing Revised Pages: 7

cc:

- Urgent
- For Review
- Please Comment
- Please Reply
- Please Recycle



Notes: Revised bid on Chappell Crossing, call with any questions.

T/m - 15% over direct costs

V w/ Nexus: Re: GeoGrid vs Subgrade Repair

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SilverHawke Construction

8657 N. Gilmore Road
Fairfield, Ohio 45014

Phone: (513) 874-8400
Fax: (513) 874-7852

Bid: Chappell Crossing- Revised
Bids To: Charles Chappell
Bid Date: 05/06/04

| Item | Description | Quant. | Unit | Unit Price | Extension |
|------|---|--------|------|-------------|--------------|
| 1 | Mobilization | 1 | ls | \$ 4,235.00 | \$ 4,235.00 |
| | Phase 1 | | | | |
| | Roadway | | | | |
| 1 | Item 202-Clearing & Grubbing(Asphalt Demo) | 1 | ls | \$ 1,715.00 | \$ 1,715.00 |
| 2 | Item 202-Pipe Removal 24" and Under | 75 | lf | \$ 8.00 | \$ 600.00 |
| 3 | Item 203-Excavation Not Including Embankment Construction | 2310 | cy | \$ 2.65 | \$ 6,121.50 |
| 4 | Item 203-Embankment | 1258 | cy | \$ 1.15 | \$ 1,446.70 |
| 5 | Item 203-Excavation(Retention) | 5675 | cy | \$ 2.65 | \$ 15,038.75 |
| 6 | Item 204-Subgrade Compaction | 2285 | sy | \$ 0.75 | \$ 1,713.75 |
| | Erosion Control | | | | |
| 7 | Item 207-Straw or Hay Bales | 35 | ea | \$ 23.25 | \$ 813.75 |
| 8 | Item 207-Inlet Protection | 4 | ea | \$ 107.00 | \$ 428.00 |
| 9 | Item 659-Seedling & Mulching | 8376 | sy | \$ 0.66 | \$ 5,528.16 |
| 10 | Item 659-Repair Seedling & Mulching | 1675 | sy | \$ 0.32 | \$ 536.00 |
| 11 | Item 658-Commercial Fertilizer | 0.9 | ton | \$ 620.00 | \$ 558.00 |
| 12 | Item 659-Water | 21.7 | Mgal | \$ 30.00 | \$ 651.00 |
| | Pavement | | | | |
| 13 | Item 301-Bituminous Aggregate AC-20 | 432 | cy | \$ 65.65 | \$ 28,380.80 |
| 14 | Item 304-Aggregate Base | 254 | cy | \$ 33.75 | \$ 8,572.50 |
| 15 | Item 448-Asphalt Concrete AC-20 Intermediate Course | 78 | cy | \$ 77.45 | \$ 6,041.10 |
| 16 | Item 448-Asphalt Concrete AC-20 Surface Course | 156 | cy | \$ 82.00 | \$ 12,792.00 |
| 17 | Item 407-Tack Coat(.1 gal/sy) | 290 | gal | \$ 1.30 | \$ 377.00 |
| 18 | Item 408-Bituminous Prime Coat(.4 gal/sy) | 914 | gal | \$ 1.40 | \$ 1,279.60 |
| 19 | Item 601-Paved Gutter Type 1-2 | 988 | lf | \$ 22.00 | \$ 21,736.00 |
| 20 | Item 609-ODOT Curb Type 2 | 1138 | lf | \$ 10.25 | \$ 11,664.50 |
| 21 | Item 609-ODOT Curb Type 6 | 339 | lf | \$ 9.75 | \$ 3,305.25 |
| 22 | Item 609-Concrete Median | 13 | sy | \$ 79.00 | \$ 1,027.00 |
| 23 | Inspection Fees for Pavement, Traffic Control, and Storm Piping(Butler County Engineer) | 1 | ls | \$ 9,300.00 | \$ 9,300.00 |
| | Water Work | | | | |
| 24 | 10" Water Main DIP Class 53 | 774 | lf | \$ 35.30 | \$ 27,322.20 |
| 25 | 10" x 10" Tee | 1 | ea | \$ 410.00 | \$ 410.00 |
| 26 | 3" x 10" Tee(Wet Tap Not Required)(Tie Into Existing With Sleeve) | 1 | ea | \$ 900.00 | \$ 900.00 |
| 27 | 10" Valve & Valve Box | 3 | ea | \$ 1,210.00 | \$ 3,630.00 |
| 28 | Valve & Valve Box Adjusted to Grade | 3 | ea | \$ 140.00 | \$ 420.00 |
| 29 | Fire Hydrant Assembly | 1 | ea | \$ 2,385.00 | \$ 2,385.00 |
| 30 | Temporary Fire Hydrant Assembly | 0 | ea | \$ - | \$ - |
| 30 | Relocated(Actually Permanent) | 1 | ea | \$ 2,365.00 | \$ 2,365.00 |

| | | | | | | |
|--|---|-------|----|-------------|----|------------|
| 31 | Inspection Fees(Butler County Environmental Services) | 1 | ls | \$ 1,000.00 | \$ | 1,000.00 |
| Sanitary Sewer | | | | | | |
| 32 | 10" SDR35 Sanitary Sewer | 702 | lf | \$ 32.65 | \$ | 22,920.30 |
| 33 | Precast Manhole Type A(Precast Bottom) | 2 | ea | \$ 1,640.00 | \$ | 3,280.00 |
| 34 | Dead End Manhole | 2 | ea | \$ 1,540.00 | \$ | 3,080.00 |
| 35 | Manhole Adjusted to Grade | 2 | ea | \$ 185.00 | \$ | 370.00 |
| 36 | Inspection Fees(Butler County Environmental Services) | 1 | ls | \$ 700.00 | \$ | 700.00 |
| Drainage Quantities Item 603 | | | | | | |
| 37 | 12" Storm ODOT Conduit Type B | 28 | lf | \$ 18.85 | \$ | 527.80 |
| 38 | 15" Storm ODOT Conduit Type B | 59 | lf | \$ 19.70 | \$ | 1,162.30 |
| 39 | 24" Storm ODOT Conduit Type B | 50 | lf | \$ 28.80 | \$ | 1,430.00 |
| 40 | 36" Storm ODOT Conduit Type B | 95 | lf | \$ 45.20 | \$ | 4,294.00 |
| 41 | 68" x 43" Elliptical Concrete ODOT Conduit Type B 706.04 | 230 | lf | \$ 203.00 | \$ | 46,690.00 |
| 42 | 60" x 38" Elliptical Concrete ODOT Conduit Type B 706.04 | 522 | lf | \$ 161.00 | \$ | 84,042.00 |
| 43 | Catch Basin Type 3 | 3 | ea | \$ 2,595.00 | \$ | 7,785.00 |
| 44 | Catch Basin Type 3(BCEO Modified) | 1 | ea | \$ 2,835.00 | \$ | 2,835.00 |
| 45 | Manhole MH-3 W/Top Slab(Neeneh R-1574 Casting) | 3 | ea | \$ 5,025.00 | \$ | 15,075.00 |
| 46 | Concrete Class C for HW-1.1 | 31.3 | cy | \$ 342.00 | \$ | 10,704.60 |
| 47 | Item 605-Aggregate Drain | 70 | lf | \$ 14.85 | \$ | 1,025.50 |
| Traffic Control Quantities | | | | | | |
| Pavement Markings (Item-644 | | | | | | |
| Thermoplastic) | | | | | | |
| 48 | 24" Stop Lines | 45 | lf | \$ 10.40 | \$ | 468.00 |
| 49 | 4" Centerline Solid Double(Yellow) | 36 | lf | \$ 8.60 | \$ | 237.60 |
| 50 | 8" Channelizing Line | 54 | lf | \$ 6.30 | \$ | 340.20 |
| 51 | Crosswalk | 213 | lf | \$ 4.10 | \$ | 873.30 |
| 52 | Lane Arrows | 1 | ea | \$ 153.00 | \$ | 153.00 |
| 53 | Word on Pavement(96") | 1 | ea | \$ 176.00 | \$ | 176.00 |
| Traffic Signal Modification(Includes: 2ea Existing Pullboxes Adjusted to Grade, One Pedestrian Push Button Added and Wired to Controller Panel, and 1ea Pedestrian Pole with Foundation) | | | | | | |
| 54 | 1ea-4" Conduit Schedule 40 Class | 1 | ls | \$ 4,300.00 | \$ | 4,300.00 |
| 55 | 713.07(Continuous) | 140 | lf | \$ 11.20 | \$ | 1,568.00 |
| Maintenance of Traffic | | | | | | |
| 56 | Maintenance of Traffic | 1 | ls | \$ 2,250.00 | \$ | 2,250.00 |
| Items Not Included in Engineer's Estimate | | | | | | |
| 57 | 18" Steel Casing for Future Water Line | 85 | lf | \$ 71.70 | \$ | 6,094.50 |
| Subtotal | | | | | | |
| | | | | \$ | \$ | 404,635.66 |
| Phase 2 | | | | | | |
| Roadway | | | | | | |
| 1 | Item 202-Clearing & Grubbing(Asphalt Demo) | 1 | ls | \$ 1,015.00 | \$ | 1,015.00 |
| 2 | Item 203-Excavation Not Including Embankment Construction | 745 | cy | \$ 2.65 | \$ | 1,974.25 |
| 3 | Item-203-Embankment +15% | 2843 | cy | \$ 1.15 | \$ | 3,269.45 |
| 4 | Item 203-Excavation(Retention) | 11745 | cy | \$ 2.65 | \$ | 31,124.25 |

| | | | | | | | |
|-------------------------------------|--|--------|------|----|----------|----|-----------|
| 5 | Item 204-Subgrade Compaction | 4524 | sy | \$ | 0.75 | \$ | 3,393.00 |
| Erosion Control | | | | | | | |
| 6 | Item 207-Straw or Hay Bales | 36 | ea | \$ | 23.25 | \$ | 813.75 |
| 7 | Item 207-Inlet Protection | 6 | ea | \$ | 107.00 | \$ | 642.00 |
| 8 | Item 859-Seedling & Mulching | 5787 | sy | \$ | 0.66 | \$ | 3,806.22 |
| 9 | Item 859-Repair Seedling & Mulching | 1153 | sy | \$ | 0.32 | \$ | 388.96 |
| 10 | Item 859-Commercial Fertilizer | 0.519 | ton | \$ | 620.00 | \$ | 321.78 |
| 11 | Item 859-Water | 12.457 | Mgal | \$ | 30.00 | \$ | 373.71 |
| Pavement | | | | | | | |
| 12 | Item 301-Bituminous Aggregate AC-20 | 754 | cy | \$ | 65.00 | \$ | 49,010.00 |
| 13 | Item 304-Aggregate Base | 528 | cy | \$ | 33.75 | \$ | 17,820.00 |
| 14 | Item 448-Asphalt Concrete AC-20 Intermediate Course | 251 | cy | \$ | 77.45 | \$ | 19,439.95 |
| 15 | Item 448-Asphalt Concrete AC-20 Surface Course | 126 | cy | \$ | 82.00 | \$ | 10,332.00 |
| 16 | Item 407-Tack Coat(.1 gal/sy) | 452 | gal | \$ | 1.30 | \$ | 587.60 |
| 17 | Item 408-Bituminous Prime Coat(.4 gal/sy) | 1810 | gal | \$ | 1.40 | \$ | 2,534.00 |
| 18 | Item 609-ODOT Curb Type 2 | 2868 | lf | \$ | 10.25 | \$ | 29,602.00 |
| 19 | Item 609-ODOT Curb Type 6 | 311 | lf | \$ | 9.75 | \$ | 3,032.25 |
| 20 | Item 609-Concrete Median | 8 | sy | \$ | 79.00 | \$ | 632.00 |
| 21 | Inspection Fees-Pavement, Traffic Control & Storm Piping(Butler County Engineer) | 1 | ls | \$ | 6,075.00 | \$ | 6,075.00 |
| Water Work | | | | | | | |
| 22 | 10" Water Main DIP Class 53 Mechanical Joints & Fittings | 1347 | lf | \$ | 35.30 | \$ | 47,549.10 |
| 23 | 10" x 10" x 10" Tee(Wet Tap) | 1 | ea | \$ | 3,860.00 | \$ | 3,860.00 |
| 24 | 10" Valve & Valve Box | 4 | ea | \$ | 1,210.00 | \$ | 4,840.00 |
| 25 | Air Release Valve | 1 | ea | \$ | 810.00 | \$ | 810.00 |
| 26 | Fire Hydrant | 3 | ea | \$ | 2,365.00 | \$ | 7,095.00 |
| 27 | Temporary Fire Hydrant Assembly Relocated(Not Required) | 0 | ea | \$ | - | \$ | - |
| 28 | Inspection Fees/Butler County Environmental Services) | 1 | ls | \$ | 1,750.00 | \$ | 1,750.00 |
| Sanitary Sewer | | | | | | | |
| 29 | 10" SDR35 Sanitary Sewer | 746 | lf | \$ | 32.65 | \$ | 24,356.90 |
| 30 | Precast Manhole Type A/Precast Bottom) | 2 | ls | \$ | 1,640.00 | \$ | 3,280.00 |
| 31 | Dead End Manhole | 1 | ea | \$ | 1,540.00 | \$ | 1,540.00 |
| 32 | Inspection Fees(Butler County Environmental Services) | 1 | ls | \$ | 620.00 | \$ | 620.00 |
| Drainage Quantities Item 603 | | | | | | | |
| 33 | 12" Storm ODOT Conduit Type B | 32 | lf | \$ | 18.85 | \$ | 603.20 |
| 34 | 18" Storm ODOT Conduit Type B | 67 | lf | \$ | 25.40 | \$ | 1,701.80 |
| 35 | 24" Storm ODOT Conduit Type B | 80 | lf | \$ | 28.60 | \$ | 2,288.00 |
| 36 | 30" Storm ODOT Conduit Type B | 164 | lf | \$ | 40.55 | \$ | 6,650.20 |
| 37 | Catch Basin Type 3 | 5 | ea | \$ | 2,595.00 | \$ | 12,975.00 |
| 38 | Catch Basin Type 3(BCEO Modified) | 1 | ea | \$ | 2,835.00 | \$ | 2,835.00 |
| 39 | Concrete Class C for HW-1.1 | 3.82 | cy | \$ | 1,450.00 | \$ | 5,539.00 |
| 40 | Item 601-Paved Gutter (Type 1-2) | 712 | lf | \$ | 22.00 | \$ | 15,664.00 |
| Traffic Control Quantities | | | | | | | |
| Pavement Markings (Item-644 | | | | | | | |
| Thermoplastic) | | | | | | | |
| 41 | 24" Stop Lines | 62 | lf | \$ | 10.40 | \$ | 644.80 |
| 42 | 4" Centerline Solid Double(Yellow) | 0 | lf | \$ | - | \$ | - |
| 43 | 8" Channelizing Line | 47 | lf | \$ | 6.30 | \$ | 296.10 |

| | | | | | | | |
|---|---|-------|------|-----------------|-----------|----|------------|
| 44 | Crosswalk | 149 | lf | \$ | 4.10 | \$ | 610.90 |
| 45 | Lane Arrows | 1 | ea | \$ | 153.00 | \$ | 153.00 |
| 46 | Word on Pavement(98") | 1 | ea | \$ | 176.00 | \$ | 176.00 |
| 47 | Traffic Signal Modification(Includes: 4ea. Concrete Pullboxes and 300LF of 4" Poly Duct, 1ea. Relocated Light Pole with New Foundation, Demo Old Foundation for Light Pole) | 1 | ls | \$ | 18,650.00 | \$ | 18,650.00 |
| Electrical | | | | | | | |
| 48 | 1ea. 4" Conduit Schedule 40 Class 713.07 | 162 | lf | \$ | 11.20 | \$ | 1,814.40 |
| Maintenance of Traffic | | | | | | | |
| 46 | Maintenance of Traffic | 1 | ls | \$ | 2,250.00 | \$ | 2,250.00 |
| Items Not Included In Engineers Estimate | | | | | | | |
| 47 | 18" Steel Casing for Future Water Line | 209 | lf | \$ | 71.70 | \$ | 14,985.30 |
| | | | | Subtotal | | \$ | 369,704.87 |
| Phase Access Road | | | | | | | |
| Roadway | | | | | | | |
| 1 | Item 202-Clearing & Grubbing | 0 | ls | \$ | - | \$ | - |
| | Item 203-Excavation Not Including | | | | | | |
| 2 | Embankment Construction | 275 | cy | \$ | 2.65 | \$ | 728.75 |
| 3 | Item-203-Embankment +15% | 3019 | cy | \$ | 1.15 | \$ | 3,471.85 |
| 4 | Item 204-Subgrade Compaction | 3572 | sy | \$ | 0.75 | \$ | 2,679.00 |
| Erosion Control | | | | | | | |
| 5 | Item 207-Straw or Hay Bales | 15 | ea | \$ | 23.25 | \$ | 348.75 |
| 6 | Item 207-Inlet Protection | 6 | ea | \$ | 107.00 | \$ | 642.00 |
| 7 | Item 659-Seeding & Mulching | 5440 | sy | \$ | 0.65 | \$ | 3,590.40 |
| 8 | Item 659-Repair Seeding & Mulching | 1088 | sy | \$ | 0.32 | \$ | 348.16 |
| 9 | Item 659-Commercial Fertilizer | 0.49 | ton | \$ | 620.00 | \$ | 303.80 |
| 10 | Item 659-Water | 11.75 | Mgal | \$ | 30.00 | \$ | 352.50 |
| Pavement | | | | | | | |
| 11 | Item 301-Bituminous Aggregate AC-20 | 596 | cy | \$ | 65.00 | \$ | 38,740.00 |
| 12 | Item 304-Aggregate Base | 397 | cy | \$ | 33.75 | \$ | 13,398.75 |
| 13 | Item 448-Asphalt Concrete AC-20 Intermediate Course | 200 | cy | \$ | 77.45 | \$ | 15,490.00 |
| 14 | Item 448-Asphalt Concrete AC-20 Surface Course | 100 | cy | \$ | 82.00 | \$ | 8,200.00 |
| 15 | Item 407-Tack Coat(.1 gal/sy) | 357 | gal | \$ | 1.30 | \$ | 464.10 |
| 16 | Item 408-Bituminous Prime Coat(.4 gal/sy) | 1429 | gal | \$ | 1.40 | \$ | 2,000.60 |
| 17 | Item 609-ODOT Curb Type 2 | 2382 | lf | \$ | 10.25 | \$ | 24,415.50 |
| 18 | Inspection Fees-Pavement, Traffic Control, & Storm Piping(Butler County Engineer) | 1 | ls | \$ | 4,950.00 | \$ | 4,950.00 |
| Water Work | | | | | | | |
| 19 | 10" Water Main DIP Class 53 Mechanical Joints & Fittings | 1118 | lf | \$ | 35.30 | \$ | 39,465.40 |
| 20 | 10" x 10" x 10" Tee | 2 | ea | \$ | 410.00 | \$ | 820.00 |
| 21 | 10" Valve & Valve Box | 2 | ea | \$ | 1,210.00 | \$ | 2,420.00 |
| 22 | Air Release Valve | 1 | ea | \$ | 810.00 | \$ | 810.00 |
| 23 | Fire Hydrant Assembly | 2 | ea | \$ | 2,385.00 | \$ | 4,730.00 |
| 23 | Temporary Fire Hydrant Assembly Relocated | 1 | ea | \$ | 2,365.00 | \$ | 2,365.00 |
| 24 | Inspection Fees(Butler County Environmental Services) | 1 | ls | \$ | 1,150.00 | \$ | 1,150.00 |

| | | Sanitary Sewer | | | | | |
|--------------------|---|---|----|----|----------|----|--------------|
| 25 | 10" SDR35 Sanitary Sewer | 1776 | lf | \$ | 32.66 | \$ | 57,953.75 |
| 26 | Precast Manhole Type A(Precast Bottom) | 6 | ea | \$ | 1,640.00 | \$ | 9,840.00 |
| 27 | Dead End Manhole | 1 | ea | \$ | 1,540.00 | \$ | 1,540.00 |
| 28 | Inspection Fees(Butler County Environmental Services) | 1 | ls | \$ | 1,525.00 | \$ | 1,525.00 |
| | | Drainage Quantities Item 603 | | | | | |
| 29 | 12" Storm ODOT Conduit Type B | 78 | lf | \$ | 18.85 | \$ | 1,470.30 |
| 30 | 24" Storm ODOT Conduit Type B | 275 | lf | \$ | 28.60 | \$ | 7,865.00 |
| 31 | 30" Storm ODOT Conduit Type B | 400 | lf | \$ | 40.55 | \$ | 16,220.00 |
| 32 | Catch Basin Type 3 | 3 | ea | \$ | 2,596.00 | \$ | 7,785.00 |
| 33 | Catch Basin Type 3(BCEO Modified) | 3 | ea | \$ | 2,835.00 | \$ | 8,505.00 |
| 34 | Concrete Class C for HW-1.1 | 3.82 | cy | \$ | 1,450.00 | \$ | 5,539.00 |
| | | Traffic Control Quantities | | | | | |
| | | Pavement Markings (Item-644 Thermoplastic) | | | | | |
| 35 | 24" Stop Lines | 62 | lf | \$ | 10.40 | \$ | 644.80 |
| 36 | 4" Centerline Solid Double(Yellow) | 0 | lf | \$ | - | \$ | - |
| 37 | 8" Channelizing Line | 47 | lf | \$ | 6.30 | \$ | 296.10 |
| 38 | Crosswalk | 0 | lf | \$ | - | \$ | - |
| 39 | Lane Arrows | 1 | ea | \$ | 153.00 | \$ | 153.00 |
| 40 | Word on Pavement(98") | 1 | ea | \$ | 176.00 | \$ | 176.00 |
| 41 | Traffic Signal Modification | 0 | ls | \$ | - | \$ | - |
| 42 | 1ea-4" Conduit Schedule 40 Class 713.07 | 152 | lf | \$ | 11.20 | \$ | 1,702.40 |
| | | Maintenance of Traffic | | | | | |
| 43 | Maintenance of Traffic | 0 | ls | \$ | - | \$ | - |
| | | Subtotal | | \$ | | \$ | 293,099.91 |
| Total Quote | | | | \$ | | \$ | 1,067,440.44 |

| | | Contingency Items | | | | | |
|---|--|--------------------------|----|----|-----------|----|------------|
| 1 | Phase 1-Item 203-Subgrade Repair(18" Thick #2 and 6" Thick #304) | 500 | cy | \$ | 30.00 | \$ | 15,000.00 |
| 2 | Phase 2-Item 203-Subgrade Repair(18" Thick #2 and 6" Thick #304) | 6000 | cy | \$ | 30.00 | \$ | 180,000.00 |
| 3 | Access Road-Item 203-Subgrade Repair(18" Thick #2 and 6" Thick #304) | 4000 | cy | \$ | 30.00 | \$ | 120,000.00 |
| 4 | Layout Stakes | 1 | ls | \$ | 22,500.00 | \$ | 22,500.00 |

| | | Alternates | | | | | |
|---|---|-------------------|----|----|-----------|----|-----------|
| 1 | To Use Butler County Prevailing Wage Rates for all Work on Project(Add) | 1 | ls | \$ | 12,000.00 | \$ | 12,000.00 |

Qualifications:

- 1 **Excludes Impact fees, capacity fees, etc.**
- 2 Underground obstructions to be negotiated if encountered.
- 3 Soil testing by others.
- 4 Quote per plans dated January and February 2004.
- 5 Excludes any undercutting, see contingency item above.
- 6 Excludes concrete sidewalks or grading for.
- 7 Excludes any temporary straw cover, temporary vegetative cover, or temporary seed on exposed areas.
- 8 Excludes any work under Item 802-Subsurface Stabilization.
- 9 Earthwork is based on utilizing dirt from Phase 2 to use on Access Road. All excess material to be

left on site in stockpile form for later reuse by others.

10 Subgrade Repair contingency item is based on CY.

11 Bid is based on using 310 granular backfill over all pipe in roadway-Only- and earth backfill elsewhere.

12 Excludes utility meter installation or pits.

13 Excludes asbestos removal, EPA permits for demolition.

14 Purify test stations are based on 2ea. and 1 per 1000lf of water line.

15 Excludes temporary turn around at phase 1.

16 Excludes contingency for water tap at water valve on station 35+83.

17 **Material pricing is very volatile. Pricing for pipe valid for 30 days only.**

18 Asphalt pricing valid for 2004, with surface course done by spring 2005.

19 Bid based on construction of all phases as continuous.

20 Excludes light pole masts or arms or traffic signals.

21 Excludes 2" Conduit work.

22 Bid item 1ea. 4" conduit is for 1ea. Run of 4" conduit only(includes excavation, backfill, and conduit only).

23 Bid item for Traffic Signal Modification includes the following items only:

1) Phase 1: Two existing pullboxes will be adjusted to grade. One pedestrian pushbutton will be added at the location shown on the plans and wired back to the controller cabinet. One pedestrian pole with foundation will be installed at the location shown. Due to the fact that the plans do not indicate locations, No conduit will be installed at this price. Also, no signal modifications appear to be required and as such, are not included in this quotation. No new pedestrian or traffic signals will be installed.

2) Phase 2: The intent of this quotation is to prepare the site for a future mast arm traffic signal.

Four concrete pullboxes will be installed and connected with up to 300LF of 4" continuous poly duct.

The light pole on the south side of Union Centre will be relocated as shown on the plans. Also

Included is installation of the new foundation and removal of the existing foundation for this light pole.

It is understood that the plans upon which this quotation is based have not yet been approved by

Butler County. As such, any modifications or additions to the above quoted work will be at an additional charge.