

Replacement of Two Bridges ALL-54-2380 Billman Road over Ayers and BEN-21-4.80 Stange Road over Turtle

| LINE | ITEM | QTY | UNITS | DESCRIPTION | Engineer's Estimate | | Geddis Paving & Excavating | | Geo Gradel | | Miller Brothers | | R & I Construction | |
|---|------|------------|-------|--|---------------------|--------------|----------------------------|--------------|------------|--------------|-----------------|--------------|--------------------|--------------|
| | | | | | EST. UNIT COST | TOTAL | BID PRICE | TOTAL | BID PRICE | TOTAL | BID PRICE | TOTAL | BID PRICE | TOTAL |
| ALL-54-2.80 - BILLMAN ROAD OVER AYERS CREEK BRIDGE | | | | | | | | | | | | | | |
| ROADWAY | | | | | | | | | | | | | | |
| 1 | 201 | Lump Sum | | Clearing and Grubbing, As Per Plan | Lump Sum | \$ 2,500.00 | Lump Sum | \$ 7,000.00 | Lump Sum | \$ 3,000.00 | Lump Sum | \$ 1,500.00 | Lump Sum | \$ 1,000.00 |
| 2 | 202 | 1516 Sq Yd | | Pavement Removed, As Per Plan | \$ 5.00 | \$ 7,580.00 | 7.65 | \$ 11,597.40 | 4.00 | \$ 6,064.00 | 3.75 | \$ 5,685.00 | 5.00 | \$ 7,580.00 |
| 3 | 202 | 32 Ft | | Pipe Removed, 24" and Under | \$ 10.00 | \$ 320.00 | 14.00 | \$ 448.00 | 12.00 | \$ 384.00 | 14.00 | \$ 448.00 | 2.00 | \$ 64.00 |
| 4 | 202 | 75 Ft | | Guardrail Removed | \$ 3.00 | \$ 225.00 | 3.95 | \$ 296.25 | 3.60 | \$ 270.00 | 3.60 | \$ 270.00 | 1.00 | \$ 75.00 |
| 5 | 203 | 451 Cu Yd | | Excavation | \$ 15.00 | \$ 6,765.00 | 25.00 | \$ 11,275.00 | 16.00 | \$ 7,216.00 | 14.00 | \$ 6,314.00 | 10.00 | \$ 4,510.00 |
| 6 | 203 | 815 Cu Yd | | Embankment | \$ 15.00 | \$ 12,225.00 | 30.50 | \$ 24,857.50 | 11.00 | \$ 8,965.00 | 14.00 | \$ 11,410.00 | 18.00 | \$ 14,670.00 |
| 7 | 204 | 1925 Sq Yd | | Subgrade Compaction | \$ 3.00 | \$ 5,775.00 | 0.40 | \$ 770.00 | 2.00 | \$ 3,850.00 | 1.25 | \$ 2,406.25 | 1.00 | \$ 1,925.00 |
| 8 | 204 | 183 Cu Yd | | Excavation of Subgrade | \$ 15.00 | \$ 2,745.00 | 21.00 | \$ 3,843.00 | 10.00 | \$ 1,830.00 | 14.00 | \$ 2,562.00 | 5.00 | \$ 915.00 |
| 9 | 606 | 75 Ft | | Guardrail, Type MGS | \$ 18.00 | \$ 1,350.00 | 24.50 | \$ 1,837.50 | 22.40 | \$ 1,680.00 | 22.40 | \$ 1,680.00 | 22.40 | \$ 1,680.00 |
| 10 | 606 | 2 Each | | Flared End Section | \$ 55.00 | \$ 110.00 | 71.50 | \$ 143.00 | 65.00 | \$ 130.00 | 65.00 | \$ 130.00 | 65.00 | \$ 130.00 |
| 11 | 606 | 2 Each | | Anchor Assembly, MGS Type E | \$ 1,900.00 | \$ 3,800.00 | 2,650.00 | \$ 5,300.00 | 2,395.00 | \$ 4,790.00 | 2,395.00 | \$ 4,790.00 | 2,395.00 | \$ 4,790.00 |
| 12 | 606 | 4 Each | | MGS Bridge Terminal Assembly, Type 1 | \$ 2,000.00 | \$ 8,000.00 | 2,400.00 | \$ 9,600.00 | 2,175.00 | \$ 8,700.00 | 2,175.00 | \$ 8,700.00 | 2,175.00 | \$ 8,700.00 |
| EROSION CONTROL | | | | | | | | | | | | | | |
| 13 | 601 | 108 Cu Yd | | Rock Channel Protection, Type C with Geotextile Fabric | \$ 80.00 | \$ 8,640.00 | 130.00 | \$ 14,040.00 | 7.70 | \$ 831.60 | 90.00 | \$ 9,720.00 | 70.00 | \$ 7,560.00 |
| 14 | 659 | 2438 Sq Yd | | Seeding and Mulching, Class 1 | \$ 2.00 | \$ 4,876.00 | 2.75 | \$ 6,704.50 | 1.44 | \$ 3,510.72 | 1.44 | \$ 3,510.72 | 2.00 | \$ 4,876.00 |
| 15 | 832 | 1500 Each | | Erosion Control | \$ 1.00 | \$ 1,500.00 | 1.00 | \$ 1,500.00 | 1.00 | \$ 1,500.00 | 1.00 | \$ 1,500.00 | 1.00 | \$ 1,500.00 |
| DRAINAGE | | | | | | | | | | | | | | |
| 16 | 611 | 56 Ft | | 12" Conduit, Type D, 706.02 | \$ 60.00 | \$ 3,360.00 | 29.00 | \$ 1,624.00 | 50.00 | \$ 2,800.00 | 65.00 | \$ 3,640.00 | 40.00 | \$ 2,240.00 |
| PAVEMENT | | | | | | | | | | | | | | |
| 17 | 301 | 268 Cu Yd | | Asphalt Concrete Base, PG64-22 | \$ 140.00 | \$ 37,520.00 | 170.00 | \$ 45,560.00 | 140.00 | \$ 37,520.00 | 155.00 | \$ 41,540.00 | 146.00 | \$ 39,128.00 |
| 18 | 304 | 413 Cu Yd | | Aggregate Base | \$ 50.00 | \$ 20,650.00 | 51.00 | \$ 21,063.00 | 45.00 | \$ 18,585.00 | 45.00 | \$ 18,585.00 | 50.00 | \$ 20,650.00 |
| 19 | 407 | 183 Gal | | Tack Coat | \$ 2.00 | \$ 366.00 | 2.00 | \$ 366.00 | 4.00 | \$ 732.00 | 4.00 | \$ 732.00 | 3.00 | \$ 549.00 |
| 20 | 411 | 95 Cu Yd | | Stabilized Crushed Aggregate | \$ 80.00 | \$ 7,600.00 | 59.00 | \$ 5,605.00 | 90.00 | \$ 8,550.00 | 55.00 | \$ 5,225.00 | 70.00 | \$ 6,650.00 |
| 21 | 441 | 53 Cu Yd | | Asphalt Concrete Surface Course, Type 1, (448), PG64-22 | \$ 160.00 | \$ 8,480.00 | 200.00 | \$ 10,600.00 | 195.00 | \$ 10,335.00 | 205.00 | \$ 10,865.00 | 164.00 | \$ 8,692.00 |
| 22 | 441 | 74 Cu Yd | | Asphalt Concrete Intermediate Course, Type 2, (448) | \$ 160.00 | \$ 11,840.00 | 170.00 | \$ 12,580.00 | 170.00 | \$ 12,580.00 | 166.00 | \$ 12,284.00 | 152.00 | \$ 11,248.00 |
| MAINTENANCE OF TRAFFIC | | | | | | | | | | | | | | |
| 23 | 614 | Lump Sum | | Maintaining Traffic | Lump Sum | \$ 3,000.00 | Lump Sum | \$ 900.00 | Lump Sum | \$ 2,750.00 | Lump Sum | \$ 2,000.00 | Lump Sum | \$ 2,850.00 |
| 24 | 614 | Lump Sum | | Detour Signing | Lump Sum | \$ 2,500.00 | Lump Sum | \$ 3,750.00 | Lump Sum | \$ 2,750.00 | Lump Sum | \$ 1,210.00 | Lump Sum | \$ 2,300.00 |
| 25 | 626 | 8 Each | | Barrier Reflector, Type 1 (Bi-Directional) | \$ 10.00 | \$ 80.00 | 8.45 | \$ 67.60 | 7.70 | \$ 61.60 | 7.70 | \$ 61.60 | 8.00 | \$ 64.00 |
| INCIDENTALS | | | | | | | | | | | | | | |
| 26 | 103 | Lump Sum | | Premium for Contract Performance Bond and for Payment Bond | Lump Sum | \$ 4,000.00 | Lump Sum | \$ 4,150.00 | Lump Sum | \$ 5,000.00 | Lump Sum | \$ 5,000.00 | Lump Sum | \$ 4,800.00 |
| 27 | 623 | Lump Sum | | Construction Layout Stakes and Surveying | Lump Sum | \$ 4,000.00 | Lump Sum | \$ 7,050.00 | Lump Sum | \$ 5,000.00 | Lump Sum | \$ 4,000.00 | Lump Sum | \$ 1,500.00 |
| 28 | 624 | Lump Sum | | Mobilization | Lump Sum | \$ 15,000.00 | Lump Sum | \$ 5,250.00 | Lump Sum | \$ 9,000.00 | Lump Sum | \$ 10,000.00 | Lump Sum | \$ 25,780.80 |
| BRIDGE, OVER 20' SPAN | | | | | | | | | | | | | | |
| 29 | 202 | Lump Sum | | Structure Removed, Over 20 Foot Span | Lump Sum | \$ 23,000.00 | Lump Sum | \$ 8,900.00 | Lump Sum | \$ 15,000.00 | Lump Sum | \$ 25,000.00 | Lump Sum | \$ 30,000.00 |
| 30 | 202 | 99 Sq Yd | | Wearing Course Removed | \$ 15.00 | \$ 1,485.00 | 4.75 | \$ 470.25 | 5.00 | \$ 495.00 | 20.00 | \$ 1,980.00 | 10.00 | \$ 990.00 |
| 31 | 407 | 12 Gal | | Tack Coat | \$ 2.00 | \$ 24.00 | 2.00 | \$ 24.00 | 4.00 | \$ 48.00 | 4.00 | \$ 48.00 | 5.00 | \$ 60.00 |
| 32 | 441 | 3 Cu Yd | | Asphalt Concrete Surface Course, Type 1, (448), PG64-22 | \$ 160.00 | \$ 480.00 | 310.00 | \$ 930.00 | 195.00 | \$ 585.00 | 205.00 | \$ 615.00 | 200.00 | \$ 600.00 |

Replacement of Two Bridges ALL-54-2380 Billman Road over Ayers and BEN-21-4.80 Stange Road over Turtle

| LINE | ITEM | QTY | UNITS | DESCRIPTION | Engineer's Estimate | | Geddis Paving & Excavating | | Geo Gradel | | Miller Brothers | | R & I Construction | |
|---|------|------------|-------|--|---------------------|----------------------|----------------------------|----------------------|------------|----------------------|-----------------|----------------------|--------------------|----------------------|
| | | | | | EST. UNIT COST | TOTAL | BID PRICE | TOTAL | BID PRICE | TOTAL | BID PRICE | TOTAL | BID PRICE | TOTAL |
| 33 | 441 | 7 Cu Yd | | Asphalt Concrete Intermediate Course, Type 2, (448) | \$ 160.00 | \$ 1,120.00 | 205.00 | \$ 1,435.00 | 165.00 | \$ 1,155.00 | 166.00 | \$ 1,162.00 | 180.00 | \$ 1,260.00 |
| 34 | 503 | Lump Sum | | Cofferdams and Excavation Bracing | Lump Sum | \$ 5,000.00 | Lump Sum | \$ 2,350.00 | Lump Sum | \$ 2,000.00 | Lump Sum | \$ 1.00 | Lump Sum | \$ 1,000.00 |
| 35 | 503 | Lump Sum | | Unclassified Excavation | Lump Sum | \$ 6,000.00 | Lump Sum | \$ 5,550.00 | Lump Sum | \$ 7,500.00 | Lump Sum | \$ 6,000.00 | Lump Sum | \$ 12,000.00 |
| 36 | 505 | Lump Sum | | Pile Driving Equipment Mobilization | Lump Sum | \$ 15,000.00 | Lump Sum | \$ 19,800.00 | Lump Sum | \$ 15,000.00 | Lump Sum | \$ 10,000.00 | Lump Sum | \$ 12,000.00 |
| 37 | 507 | 660 Ft | | Steel Piles HP10x42, Furnished | \$ 30.00 | \$ 19,800.00 | 29.50 | \$ 19,470.00 | 33.00 | \$ 21,780.00 | 38.00 | \$ 25,080.00 | 35.00 | \$ 23,100.00 |
| 38 | 507 | 600 Ft | | Steel Piles HP10x42, Driven | \$ 10.00 | \$ 6,000.00 | 24.00 | \$ 14,400.00 | 20.00 | \$ 12,000.00 | 4.00 | \$ 2,400.00 | 5.00 | \$ 3,000.00 |
| 39 | 507 | 12 Each | | Steel Points or Shoes | \$ 100.00 | \$ 1,200.00 | 150.00 | \$ 1,800.00 | 100.00 | \$ 1,200.00 | 105.00 | \$ 1,260.00 | 100.00 | \$ 1,200.00 |
| 40 | 509 | 5174 Pound | | Epoxy Coated Reinforcing Steel | \$ 2.00 | \$ 10,348.00 | 3.00 | \$ 15,522.00 | 2.00 | \$ 10,348.00 | 1.50 | \$ 7,761.00 | 2.00 | \$ 10,348.00 |
| 41 | 511 | 70 Cu Yd | | Class QC1 Concrete, Abutment Including Footing | \$ 500.00 | \$ 35,000.00 | 650.00 | \$ 45,500.00 | 650.00 | \$ 45,500.00 | 600.00 | \$ 42,000.00 | 500.00 | \$ 35,000.00 |
| 42 | 512 | 59 Sq Yd | | Sealing of Concrete Surfaces (Non-Epoxy) | \$ 20.00 | \$ 1,180.00 | 27.50 | \$ 1,622.50 | 20.00 | \$ 1,180.00 | 10.00 | \$ 590.00 | 10.00 | \$ 590.00 |
| 43 | 512 | 110 Sq Yd | | Type 3 Waterproofing | \$ 30.00 | \$ 3,300.00 | 23.00 | \$ 2,530.00 | 40.00 | \$ 4,400.00 | 32.00 | \$ 3,520.00 | 28.00 | \$ 3,080.00 |
| 44 | 515 | 6 Each | | Beam Bridge Members, Level 1, B21x48 (37' Long) | \$ 12,000.00 | \$ 72,000.00 | 10,300.00 | \$ 61,800.00 | 10,500.00 | \$ 63,000.00 | 10,000.00 | \$ 60,000.00 | 11,000.00 | \$ 66,000.00 |
| 45 | 516 | 17 Sq Ft | | 1/2" Preformed Expansion Joint Filler | \$ 4.00 | \$ 68.00 | 1.05 | \$ 17.85 | 20.00 | \$ 340.00 | 5.50 | \$ 93.50 | 4.00 | \$ 68.00 |
| 46 | 516 | 99 Sq Ft | | 1" Preformed Expansion Joint Filler | \$ 4.00 | \$ 396.00 | 1.05 | \$ 103.95 | 10.00 | \$ 990.00 | 5.50 | \$ 544.50 | 4.00 | \$ 396.00 |
| 47 | 516 | 52 Ft | | Special - Sawing and Sealing Bituminous Concrete Joints | \$ 15.00 | \$ 780.00 | 27.00 | \$ 1,404.00 | 17.50 | \$ 910.00 | 14.00 | \$ 728.00 | 10.00 | \$ 520.00 |
| 48 | 516 | 12 Each | | 1/8" Preformed Bearing Pad | \$ 10.00 | \$ 120.00 | 17.00 | \$ 204.00 | 65.00 | \$ 780.00 | 17.00 | \$ 204.00 | 10.00 | \$ 120.00 |
| 49 | 516 | 24 Each | | Elastomeric Bearing with Internal Laminates Only (Neoprene) (7"x12"x1.25") | \$ 100.00 | \$ 2,400.00 | 105.00 | \$ 2,520.00 | 220.00 | \$ 5,280.00 | 125.00 | \$ 3,000.00 | 100.00 | \$ 2,400.00 |
| 50 | 517 | 82.83 Ft | | Railing (Twin Steel Tube) | \$ 125.00 | \$ 10,353.75 | 155.00 | \$ 12,838.65 | 140.00 | \$ 11,596.20 | 140.00 | \$ 11,596.20 | 140.00 | \$ 11,596.20 |
| 51 | 518 | 43 Cu Yd | | Porous Backfill with Geotextile Fabric | \$ 50.00 | \$ 2,150.00 | 74.50 | \$ 3,203.50 | 75.00 | \$ 3,225.00 | 90.00 | \$ 3,870.00 | 50.00 | \$ 2,150.00 |
| 52 | 518 | 81 Ft | | Special - Steel Drip Strip | \$ 10.00 | \$ 810.00 | 16.00 | \$ 1,296.00 | 12.00 | \$ 972.00 | 14.00 | \$ 1,134.00 | 10.00 | \$ 810.00 |
| 53 | 518 | 84 Ft | | 6" Perforated Corrugated Plastic Pipe | \$ 10.00 | \$ 840.00 | 18.00 | \$ 1,512.00 | 10.00 | \$ 840.00 | 8.00 | \$ 672.00 | 10.00 | \$ 840.00 |
| 54 | 518 | 40 Ft | | 6" Non-Perforated Corrugated Plastic Pipe, Including Specials | \$ 10.00 | \$ 400.00 | 18.50 | \$ 740.00 | 20.00 | \$ 800.00 | 14.00 | \$ 560.00 | 10.00 | \$ 400.00 |
| BILLMAN ROAD OVER AYERS CREEK - SUBTOTAL | | | | | | \$ 404,061.75 | | \$ 443,721.45 | | \$ 395,309.12 | | \$ 385,587.77 | | \$ 405,955.00 |
| BEN-21-4.80 - STANGE ROAD OVER TURTLE CREEK BRIDGE | | | | | | | | | | | | | | |
| ROADWAY | | | | | | | | | | | | | | |
| 55 | 201 | Lump Sum | | Clearing and Grubbing | Lump Sum | \$ 1,500.00 | Lump Sum | \$ 1,650.00 | Lump Sum | \$ 1,750.00 | Lump Sum | \$ 2,000.00 | Lump Sum | \$ 1,000.00 |
| 56 | 201 | 1 Each | | Tree Removed, 18" | \$ 1,000.00 | \$ 1,000.00 | 715.00 | \$ 715.00 | 1,000.00 | \$ 1,000.00 | 500.00 | \$ 500.00 | 1,000.00 | \$ 1,000.00 |
| 57 | 201 | 1 Each | | Stump Removed, 18" | \$ 200.00 | \$ 200.00 | 275.00 | \$ 275.00 | 500.00 | \$ 500.00 | 250.00 | \$ 250.00 | 200.00 | \$ 200.00 |
| 58 | 202 | 988 Sq Yd | | Pavement Removed, As Per Plan | \$ 5.00 | \$ 4,940.00 | 6.10 | \$ 6,026.80 | 5.00 | \$ 4,940.00 | 3.75 | \$ 3,705.00 | 5.00 | \$ 4,940.00 |
| 59 | 202 | 48 Ft | | Pipe Removed, 24" and Under | \$ 10.00 | \$ 480.00 | 6.20 | \$ 297.60 | 10.00 | \$ 480.00 | 12.00 | \$ 576.00 | 2.00 | \$ 96.00 |
| 60 | 202 | 62 Ft | | Pipe Removed, Over 24" | \$ 15.00 | \$ 930.00 | 23.00 | \$ 1,426.00 | 15.00 | \$ 930.00 | 18.00 | \$ 1,116.00 | 10.00 | \$ 620.00 |
| 61 | 203 | 75 Cu Yd | | Excavation | \$ 15.00 | \$ 1,125.00 | 26.00 | \$ 1,950.00 | 35.00 | \$ 2,625.00 | 14.00 | \$ 1,050.00 | 10.00 | \$ 750.00 |
| 62 | 203 | 978 Cu Yd | | Embankment | \$ 15.00 | \$ 14,670.00 | 20.50 | \$ 20,049.00 | 18.00 | \$ 17,604.00 | 14.00 | \$ 13,692.00 | 18.00 | \$ 17,604.00 |
| 63 | 204 | 1282 Sq Yd | | Subgrade Compaction | \$ 3.00 | \$ 3,846.00 | 0.40 | \$ 512.80 | 2.00 | \$ 2,564.00 | 1.25 | \$ 1,602.50 | 1.00 | \$ 1,282.00 |
| 64 | 204 | 212 Cu Yd | | Granular Embankment, As Per Plan | \$ 15.00 | \$ 3,180.00 | 35.00 | \$ 7,420.00 | 30.00 | \$ 6,360.00 | 20.00 | \$ 4,240.00 | 30.00 | \$ 6,360.00 |
| 65 | 606 | 75 Ft | | Guardrail, Type MGS | \$ 18.00 | \$ 1,350.00 | 24.50 | \$ 1,837.50 | 22.40 | \$ 1,680.00 | 22.40 | \$ 1,680.00 | 22.40 | \$ 1,680.00 |
| 66 | 606 | 2 Each | | Flared End Section | \$ 55.00 | \$ 110.00 | 71.50 | \$ 143.00 | 65.00 | \$ 130.00 | 65.00 | \$ 130.00 | 65.00 | \$ 130.00 |
| 67 | 606 | 2 Each | | Anchor Assembly, MGS Type E (NCHRP350/MASH2016) | \$ 1,900.00 | \$ 3,800.00 | 2,650.00 | \$ 5,300.00 | 2,395.00 | \$ 4,790.00 | 2,395.00 | \$ 4,790.00 | 2,395.00 | \$ 4,790.00 |

Replacement of Two Bridges ALL-54-2380 Billman Road over Ayers and BEN-21-4.80 Stange Road over Turtle

| LINE | ITEM | QTY | UNITS | DESCRIPTION | Engineer's Estimate | | Geddis Paving & Excavating | | Geo Gradel | | Miller Brothers | | R & I Construction | |
|-------------------------------|------|------------|-------|--|---------------------|--------------|----------------------------|--------------|------------|--------------|-----------------|--------------|--------------------|--------------|
| | | | | | EST. UNIT COST | TOTAL | BID PRICE | TOTAL | BID PRICE | TOTAL | BID PRICE | TOTAL | BID PRICE | TOTAL |
| 68 | 606 | 4 Each | | MGS Bridge Terminal Assembly, Type 1 | \$ 2,000.00 | \$ 8,000.00 | 2,400.00 | \$ 9,600.00 | 2,195.00 | \$ 8,780.00 | 2,175.00 | \$ 8,700.00 | 2,175.00 | \$ 8,700.00 |
| EROSION CONTROL | | | | | | | | | | | | | | |
| 69 | 601 | 177 Cu Yd | | Rock Channel Protection, Type C with Geotextile Fabric | \$ 80.00 | \$ 14,160.00 | 115.00 | \$ 20,355.00 | 85.00 | \$ 15,045.00 | 75.00 | \$ 13,275.00 | 70.00 | \$ 12,390.00 |
| 70 | 659 | 1969 Sq Yd | | Seeding and Mulching, Class 1 | \$ 2.00 | \$ 3,938.00 | 2.75 | \$ 5,414.75 | 1.80 | \$ 3,544.20 | 1.80 | \$ 3,544.20 | 2.00 | \$ 3,938.00 |
| 71 | 832 | 5000 Each | | Erosion Control | \$ 1.00 | \$ 5,000.00 | 1.00 | \$ 5,000.00 | 1.00 | \$ 5,000.00 | 1.00 | \$ 5,000.00 | 1.00 | \$ 5,000.00 |
| DRAINAGE | | | | | | | | | | | | | | |
| 72 | 611 | 11 Ft | | 12" Conduit, Type C, 707.45 | \$ 30.00 | \$ 330.00 | 30.50 | \$ 335.50 | 75.00 | \$ 825.00 | 55.00 | \$ 605.00 | 40.00 | \$ 440.00 |
| 73 | 611 | 48 Ft | | 12" Conduit, Type D, 706.02 | \$ 50.00 | \$ 2,400.00 | 38.00 | \$ 1,824.00 | 50.00 | \$ 2,400.00 | 35.00 | \$ 1,680.00 | 40.00 | \$ 1,920.00 |
| 74 | 611 | 74 Ft | | 15" Conduit, Type D, 707.33 | \$ 70.00 | \$ 5,180.00 | 48.00 | \$ 3,552.00 | 60.00 | \$ 4,440.00 | 25.00 | \$ 1,850.00 | 50.00 | \$ 3,700.00 |
| 75 | 611 | 111 Ft | | 36" Conduit, Type C, 706.02 | \$ 120.00 | \$ 13,320.00 | 98.00 | \$ 10,878.00 | 80.00 | \$ 8,880.00 | 110.00 | \$ 12,210.00 | 120.00 | \$ 13,320.00 |
| 76 | 611 | 1 Each | | Catch Basin, No. 2-4 | \$ 3,000.00 | \$ 3,000.00 | 1,600.00 | \$ 1,600.00 | 3,500.00 | \$ 3,500.00 | 3,300.00 | \$ 3,300.00 | 2,500.00 | \$ 2,500.00 |
| PAVEMENT | | | | | | | | | | | | | | |
| 77 | 301 | 121 Cu Yd | | Asphalt Concrete Base, PG64-22 | \$ 140.00 | \$ 16,940.00 | 165.00 | \$ 19,965.00 | 145.00 | \$ 17,545.00 | 160.00 | \$ 19,360.00 | 146.00 | \$ 17,666.00 |
| 78 | 304 | 210 Cu Yd | | Aggregate Base | \$ 50.00 | \$ 10,500.00 | 52.00 | \$ 10,920.00 | 45.00 | \$ 9,450.00 | 48.00 | \$ 10,080.00 | 50.00 | \$ 10,500.00 |
| 79 | 407 | 131 Gal | | Tack Coat | \$ 2.00 | \$ 262.00 | 2.00 | \$ 262.00 | 4.00 | \$ 524.00 | 4.00 | \$ 524.00 | 3.00 | \$ 393.00 |
| 80 | 411 | 58 Cu Yd | | Stabilized Crushed Aggregate | \$ 80.00 | \$ 4,640.00 | 69.00 | \$ 4,002.00 | 80.00 | \$ 4,640.00 | 60.00 | \$ 3,480.00 | 70.00 | \$ 4,060.00 |
| 81 | 441 | 36 Cu Yd | | Asphalt Concrete Surface Course, Type 1, (448), PG64-22 | \$ 160.00 | \$ 5,760.00 | 220.00 | \$ 7,920.00 | 195.00 | \$ 7,020.00 | 225.00 | \$ 8,100.00 | 164.00 | \$ 5,904.00 |
| 82 | 441 | 50 Cu Yd | | Asphalt Concrete Intermediate Course, Type 2, (448) | \$ 160.00 | \$ 8,000.00 | 185.00 | \$ 9,250.00 | 170.00 | \$ 8,500.00 | 180.00 | \$ 9,000.00 | 152.00 | \$ 7,600.00 |
| MAINTENANCE OF TRAFFIC | | | | | | | | | | | | | | |
| 83 | 614 | Lump Sum | | Maintaining Traffic | Lump Sum | \$ 3,000.00 | Lump Sum | \$ 990.00 | Lump Sum | \$ 2,750.00 | Lump Sum | \$ 2,000.00 | Lump Sum | \$ 2,850.00 |
| 84 | 614 | Lump Sum | | Detour Signing | Lump Sum | \$ 2,500.00 | Lump Sum | \$ 3,750.00 | Lump Sum | \$ 2,750.00 | Lump Sum | \$ 1,025.00 | Lump Sum | \$ 2,300.00 |
| 85 | 626 | 10 Each | | Barrier Reflector, Type 1 (Bi-Directional) | \$ 10.00 | \$ 100.00 | 8.35 | \$ 83.50 | 7.70 | \$ 77.00 | 7.60 | \$ 76.00 | 8.00 | \$ 80.00 |
| INCIDENTALS | | | | | | | | | | | | | | |
| 86 | 103 | Lump Sum | | Premium for Contract Performance Bond and for Payment Bond | Lump Sum | \$ 4,000.00 | Lump Sum | \$ 5,550.00 | Lump Sum | \$ 5,000.00 | Lump Sum | \$ 5,000.00 | Lump Sum | \$ 4,800.00 |
| 87 | 623 | Lump Sum | | Construction Layout Stakes and Surveying | Lump Sum | \$ 4,000.00 | Lump Sum | \$ 9,000.00 | Lump Sum | \$ 3,500.00 | Lump Sum | \$ 3,900.00 | Lump Sum | \$ 1,500.00 |
| 88 | 624 | Lump Sum | | Mobilization | Lump Sum | \$ 15,000.00 | Lump Sum | \$ 5,500.00 | Lump Sum | \$ 9,000.00 | Lump Sum | \$ 20,000.00 | Lump Sum | \$ 25,780.80 |
| BRIDGE, OVER 20' SPAN | | | | | | | | | | | | | | |
| 89 | 202 | Lump Sum | | Structure Removed, Over 20 Foot Span, As Per Plan | Lump Sum | \$ 42,000.00 | Lump Sum | \$ 29,300.00 | Lump Sum | \$ 20,000.00 | Lump Sum | \$ 30,000.00 | Lump Sum | \$ 50,000.00 |
| 90 | 202 | 187 Sq Yd | | Wearing Course Removed | \$ 15.00 | \$ 2,805.00 | 9.00 | \$ 1,683.00 | 5.00 | \$ 935.00 | 18.00 | \$ 3,366.00 | 10.00 | \$ 1,870.00 |
| 91 | 407 | 27 Gal | | Tack Coat | \$ 2.00 | \$ 54.00 | 2.30 | \$ 62.10 | 4.00 | \$ 108.00 | 4.00 | \$ 108.00 | 5.00 | \$ 135.00 |
| 92 | 441 | 8 Cu Yd | | Asphalt Concrete Surface Course, Type 1, (448), PG64-22 | \$ 160.00 | \$ 1,280.00 | 210.00 | \$ 1,680.00 | 195.00 | \$ 1,560.00 | 225.00 | \$ 1,800.00 | 200.00 | \$ 1,600.00 |
| 93 | 441 | 14 Cu Yd | | Asphalt Concrete Intermediate Course, Type 2, (448) | \$ 160.00 | \$ 2,240.00 | 170.00 | \$ 2,380.00 | 165.00 | \$ 2,310.00 | 180.00 | \$ 2,520.00 | 180.00 | \$ 2,520.00 |
| 94 | 503 | Lump Sum | | Cofferdams and Excavation Bracing, As Per Plan | Lump Sum | \$ 10,000.00 | Lump Sum | \$ 76,700.00 | Lump Sum | \$ 6,000.00 | Lump Sum | \$ 1.00 | Lump Sum | \$ 3,000.00 |
| 95 | 503 | Lump Sum | | Unclassified Excavation | Lump Sum | \$ 19,400.00 | Lump Sum | \$ 9,450.00 | Lump Sum | \$ 22,000.00 | Lump Sum | \$ 13,000.00 | Lump Sum | \$ 25,000.00 |
| 96 | 505 | Lump Sum | | Pile Driving Equipment Mobilization | Lump Sum | \$ 22,500.00 | Lump Sum | \$ 24,200.00 | Lump Sum | \$ 15,000.00 | Lump Sum | \$ 15,000.00 | Lump Sum | \$ 15,000.00 |
| 97 | 507 | 1520 Ft | | Steel Piles HP10x42, Furnished | \$ 30.00 | \$ 45,600.00 | 29.50 | \$ 44,840.00 | 33.00 | \$ 50,160.00 | 38.00 | \$ 57,760.00 | 35.00 | \$ 53,200.00 |
| 98 | 507 | 1330 Ft | | Steel Piles HP10x42, Driven | \$ 10.00 | \$ 13,300.00 | 19.50 | \$ 25,935.00 | 20.00 | \$ 26,600.00 | 4.00 | \$ 5,320.00 | 5.00 | \$ 6,650.00 |
| 99 | 507 | 38 Each | | Steel Points or Shoes | \$ 100.00 | \$ 3,800.00 | 150.00 | \$ 5,700.00 | 100.00 | \$ 3,800.00 | 105.00 | \$ 3,990.00 | 100.00 | \$ 3,800.00 |

Replacement of Two Bridges ALL-54-2380 Billman Road over Ayers and BEN-21-4.80 Stange Road over Turtle

| LINE | ITEM | QTY | UNITS | DESCRIPTION | Engineer's Estimate | | Geddis Paving & Excavating | | Geo Gradel | | Miller Brothers | | R & I Construction | |
|---|------|--------|-------|--|----------------------|--------------|----------------------------|---------------|------------------------|---------------|----------------------|---------------|------------------------|---------------|
| | | | | | EST. UNIT COST | TOTAL | BID PRICE | TOTAL | BID PRICE | TOTAL | BID PRICE | TOTAL | BID PRICE | TOTAL |
| 100 | 509 | 12036 | Pound | Epoxy Coated Reinforcing Steel | \$ 2.00 | \$ 24,072.00 | 1.55 | \$ 18,655.80 | 2.00 | \$ 24,072.00 | 1.50 | \$ 18,054.00 | 2.00 | \$ 24,072.00 |
| 101 | 511 | 67 | Cu Yd | Class QC1 Concrete, Abutment Not Including Footing | \$ 500.00 | \$ 33,500.00 | 380.00 | \$ 25,460.00 | 600.00 | \$ 40,200.00 | 700.00 | \$ 46,900.00 | 500.00 | \$ 33,500.00 |
| 102 | 511 | 91 | Cu Yd | Class QC1 Concrete, Footing | \$ 500.00 | \$ 45,500.00 | 210.00 | \$ 19,110.00 | 600.00 | \$ 54,600.00 | 350.00 | \$ 31,850.00 | 500.00 | \$ 45,500.00 |
| 103 | 512 | 136 | Sq Yd | Sealing of Concrete Surfaces (Non-Epoxy) | \$ 20.00 | \$ 2,720.00 | 12.50 | \$ 1,700.00 | 20.00 | \$ 2,720.00 | 10.00 | \$ 1,360.00 | 10.00 | \$ 1,360.00 |
| 104 | 512 | 227 | Sq Yd | Type 3 Waterproofing | \$ 30.00 | \$ 6,810.00 | 21.00 | \$ 4,767.00 | 30.00 | \$ 6,810.00 | 32.00 | \$ 7,264.00 | 28.00 | \$ 6,356.00 |
| 105 | 515 | 6 | Each | Prestressed Concrete Non-Composite Box Beam Bridge Members, Level 1, B33x48 (81' Long) | \$ 12,000.00 | \$ 72,000.00 | 21,000.00 | \$ 126,000.00 | 23,500.00 | \$ 141,000.00 | 23,500.00 | \$ 141,000.00 | 23,500.00 | \$ 141,000.00 |
| 106 | 516 | 34 | Sq Ft | 1/2" Preformed Expansion Joint Filler | \$ 4.00 | \$ 136.00 | 1.05 | \$ 35.70 | 20.00 | \$ 680.00 | 5.50 | \$ 187.00 | 4.00 | \$ 136.00 |
| 107 | 516 | 169 | Sq Ft | 1" Preformed Expansion Joint Filler | \$ 4.00 | \$ 676.00 | 1.05 | \$ 177.45 | 10.00 | \$ 1,690.00 | 5.50 | \$ 929.50 | 4.00 | \$ 676.00 |
| 108 | 516 | 59 | Ft | Special - Sawing and Sealing Bituminous Concrete Joints | \$ 15.00 | \$ 885.00 | 26.00 | \$ 1,534.00 | 17.50 | \$ 1,032.50 | 15.00 | \$ 885.00 | 10.00 | \$ 590.00 |
| 109 | 516 | 12 | Each | 1/8" Preformed Bearing Pad | \$ 10.00 | \$ 120.00 | 17.00 | \$ 204.00 | 65.00 | \$ 780.00 | 17.00 | \$ 204.00 | 10.00 | \$ 120.00 |
| 110 | 516 | 24 | Each | Elastomeric Bearing with Internal Laminates Only (Neoprene) (8"x14"x1.25" Thick) | \$ 100.00 | \$ 2,400.00 | 17.00 | \$ 408.00 | 250.00 | \$ 6,000.00 | 125.00 | \$ 3,000.00 | 90.00 | \$ 2,160.00 |
| 111 | 517 | 170.33 | Ft | Railing (Twin Steel Tube) | \$ 125.00 | \$ 21,291.25 | 155.00 | \$ 26,401.15 | 140.00 | \$ 23,846.20 | 140.00 | \$ 23,846.20 | 140.00 | \$ 23,846.20 |
| 112 | 518 | 56 | Cu Yd | Porous Backfill with Geotextile Fabric | \$ 50.00 | \$ 2,800.00 | 69.00 | \$ 3,864.00 | 75.00 | \$ 4,200.00 | 70.00 | \$ 3,920.00 | 50.00 | \$ 2,800.00 |
| 113 | 518 | 190 | Ft | Special - Steel Drip Strip | \$ 10.00 | \$ 1,900.00 | 13.50 | \$ 2,565.00 | 10.00 | \$ 1,900.00 | 13.00 | \$ 2,470.00 | 10.00 | \$ 1,900.00 |
| 114 | 518 | 121 | Ft | 6" Perforated Corrugated Plastic Pipe | \$ 10.00 | \$ 1,210.00 | 22.50 | \$ 2,722.50 | 10.00 | \$ 1,210.00 | 8.00 | \$ 968.00 | 10.00 | \$ 1,210.00 |
| 115 | 518 | 25 | Ft | 6" Non-Perforated Corrugated Plastic Pipe, Including Specials | \$ 10.00 | \$ 250.00 | 22.50 | \$ 562.50 | 20.00 | \$ 500.00 | 18.00 | \$ 450.00 | 10.00 | \$ 250.00 |
| STANGE ROAD OVER TURTLE CREEK - SUBTOTAL | | | | | \$ 546,410.25 | | \$ 639,451.65 | | \$ 628,236.90 | | \$ 584,193.40 | | \$ 624,045.00 | |
| TOTAL | | | | | \$ 950,472.00 | | \$ 1,083,173.10 | | \$ 1,023,546.02 | | \$ 969,781.17 | | \$ 1,030,000.00 | |