

# Rehabilitation of Bridge HAR-43-0.63 Slemmer-Portage TR #43 over Indian Creek

| LINE                            | ITEM | QTY       | UNITS | DESCRIPTION  | Engineer's Estimate |              | B Hill'z  |              | Schalk Brothers |              |
|---------------------------------|------|-----------|-------|--|---------------------|--------------|-----------|--------------|-----------------|--------------|
|                                 |      |           |       |  | EST. UNIT COST      | TOTAL        | BID PRICE | TOTAL        | BID PRICE       | TOTAL        |
| <b>ROADWAY</b>                  |      |           |       |  |                     |              |           |              |                 |              |
| 1                               | 201  | Lump Sum  |       | Clearing and Grubbing, As Per Plan                         | Lump Sum            | \$ 500.00    | Lump Sum  | \$ 1,000.00  | Lump Sum        | \$ 500.00    |
| 2                               | 202  | 286 Sq Yd |       | Pavement Removed, Asphalt                                  | \$ 7.50             | \$ 2,145.00  | 10.00     | \$ 2,860.00  | 10.00           | \$ 2,860.00  |
| 3                               | 203  | 25 Cu Yd  |       | Borrow, As Per Plan  | \$ 30.00            | \$ 750.00    | 30.00     | \$ 750.00    | 40.00           | \$ 1,000.00  |
| 4                               | 204  | 286 Sq Yd |       | Subgrade Compaction  | \$ 3.00             | \$ 858.00    | 3.00      | \$ 858.00    | 3.00            | \$ 858.00    |
| 5                               | 209  | 3 Sta     |       | Linear Grading, As Per Plan                                | \$ 750.00           | \$ 2,250.00  | 360.00    | \$ 1,080.00  | 800.00          | \$ 2,400.00  |
| 6                               | 606  | 137.5 Ft  |       | Guardrail, Type MGS  | \$ 20.00            | \$ 2,750.00  | 30.00     | \$ 4,125.00  | 20.00           | \$ 2,750.00  |
| 7                               | 606  | 2 Each    |       | Anchor Assembly, MSG Type T                                | \$ 800.00           | \$ 1,600.00  | 1,200.00  | \$ 2,400.00  | 800.00          | \$ 1,600.00  |
| <b>EROSION CONTROL</b>          |      |           |       |  |                     |              |           |              |                 |              |
| 8                               | 659  | 228 Sq Yd |       | Seeding and Mulching                                       | \$ 2.00             | \$ 456.00    | 2.00      | \$ 456.00    | 2.00            | \$ 456.00    |
| 9                               | 832  | 500 Each  |       | Erosion Control  | \$ 1.00             | \$ 500.00    | 1.00      | \$ 500.00    | 1.00            | \$ 500.00    |
| <b>PAVEMENT</b>                 |      |           |       |  |                     |              |           |              |                 |              |
| 10                              | 301  | 63 Ton    |       | Asphalt Concrete Base, PG64-22                             | \$ 90.00            | \$ 5,670.00  | 161.00    | \$ 10,143.00 | 105.00          | \$ 6,615.00  |
| 11                              | 304  | 95 Ton    |       | Aggregate Base   | \$ 35.00            | \$ 3,325.00  | 25.00     | \$ 2,375.00  | 40.00           | \$ 3,800.00  |
| 12                              | 407  | 43 Gal    |       | Tack Coat  | \$ 2.00             | \$ 86.00     | 2.00      | \$ 86.00     | 2.00            | \$ 86.00     |
| 13                              | 411  | 39 Ton    |       | Stabilized Crushed Aggregate                               | \$ 40.00            | \$ 1,560.00  | 34.00     | \$ 1,326.00  | 40.00           | \$ 1,560.00  |
| 14                              | 441  | 32 Ton    |       | Asphalt Concrete Intermediate Course, Type 2, (448)        | \$ 90.00            | \$ 2,880.00  | 161.00    | \$ 5,152.00  | 115.00          | \$ 3,680.00  |
| 15                              | 441  | 20 Ton    |       | Asphalt Concrete Surface Course, Type 1, (448) PG64-22     | \$ 100.00           | \$ 2,000.00  | 161.00    | \$ 3,220.00  | 140.00          | \$ 2,800.00  |
| <b>TRAFFIC CONTROL</b>          |      |           |       |  |                     |              |           |              |                 |              |
| 16                              | 614  | Lump Sum  |       | Detour Signing   | Lump Sum            | \$ 2,000.00  | Lump Sum  | 1500         | Lump Sum        | \$ 1,500.00  |
| 17                              | 626  | 5 Each    |       | Barrier Reflector  | \$ 10.00            | \$ 50.00     | 8.50      | \$ 42.50     | 7.00            | \$ 35.00     |
| <b>INCIDENTALS</b>              |      |           |       |  |                     |              |           |              |                 |              |
| 18                              | 103  | Lump Sum  |       | Premium for Contract Performance Bond and for Payment Bond | Lump Sum            | \$ 1,500.00  | Lump Sum  | \$ 1,188.00  | Lump Sum        | \$ 1,500.00  |
| 19                              | 614  | Lump Sum  |       | Maintaining Traffic  | Lump Sum            | \$ 1,000.00  | Lump Sum  | \$ 1,000.00  | Lump Sum        | \$ 1,500.00  |
| 20                              | 623  | Lump Sum  |       | Construction Layout Staking                                | Lump Sum            | \$ 1,000.00  | Lump Sum  | \$ 1,500.00  | Lump Sum        | \$ 500.00    |
| 21                              | 624  | Lump Sum  |       | Mobilization   | Lump Sum            | \$ 8,000.00  | Lump Sum  | \$ 6,720.00  | Lump Sum        | \$ 5,000.00  |
| <b>BRIDGE OVER 20 FOOT SPAN</b> |      |           |       |  |                     |              |           |              |                 |              |
| 22                              | 202  | Lump Sum  |       | Portions of Structure Removed, Over 20' Span, As Per Plan  | Lump Sum            | \$ 11,500.00 | Lump Sum  | \$ 7,135.00  | Lump Sum        | \$ 12,000.00 |
| 23                              | 202  | 64 Sq Yd  |       | Wearing Course Removed                                     | \$ 15.00            | \$ 960.00    | 8.00      | \$ 512.00    | 10.00           | \$ 640.00    |
| 24                              | 407  | 10 Gal    |       | Tack Coat  | \$ 2.00             | \$ 20.00     | 2.00      | \$ 20.00     | 2.00            | \$ 20.00     |
| 25                              | 441  | 12 Ton    |       | Asphalt Concrete Intermediate Course, Type 2, (448)        | \$ 90.00            | \$ 1,080.00  | 161.00    | \$ 1,932.00  | 115.00          | \$ 1,380.00  |
| 26                              | 441  | 4 Ton     |       | Asphalt Concrete Surface Course, Type 1, (448) PG64-22     | \$ 100.00           | \$ 400.00    | 161.00    | \$ 644.00    | 140.00          | \$ 560.00    |
| 27                              | 503  | Lump Sum  |       | Unclassified Excavation                                    | Lump Sum            | \$ 1,000.00  | Lump Sum  | \$ 1,620.00  | Lump Sum        | \$ 700.00    |
| 28                              | 509  | 209 Pound |       | Epoxy Coated Reinforcing Steel                             | \$ 3.00             | \$ 627.00    | 6.00      | \$ 1,254.00  | 2.50            | \$ 522.50    |
| 29                              | 510  | 40 Each   |       | Dowel Holes with Non-Shrink, Non-Metallic Grout            | \$ 20.00            | \$ 800.00    | 58.00     | \$ 2,320.00  | 10.00           | \$ 400.00    |
| 30                              | 511  | 2 Cu Yd   |       | Class QC1 Concrete, Abutment Including Footing             | \$ 750.00           | \$ 1,500.00  | 760.00    | \$ 1,520.00  | 750.00          | \$ 1,500.00  |
| 31                              | 512  | 147 Sq Yd |       | Sealing of Concrete Surfaces (Non-Epoxy), As Per Plan      | \$ 25.00            | \$ 3,675.00  | 25.00     | \$ 3,675.00  | 8.00            | \$ 1,176.00  |
| 32                              | 512  | 11 Sq Yd  |       | Type 2 Waterproofing                                       | \$ 60.00            | \$ 660.00    | 58.00     | \$ 638.00    | 12.00           | \$ 132.00    |

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| LINE  | ITEM | QTY   | UNITS | DESCRIPTION   | EST. UNIT COST | TOTAL                | BID PRICE | TOTAL                | BID PRICE | TOTAL                |
|-------|------|-------|-------|---|----------------|----------------------|-----------|----------------------|-----------|----------------------|
| 33    | 512  | 64    | Sq Yd | Type 3 Waterproofing  | \$ 25.00       | \$ 1,600.00          | 43.00     | \$ 2,752.00          | 30.00     | \$ 1,920.00          |
| 34    | 515  | 6     | Each  | Prestressed Concrete Non-Composite Box Beam Bridge Members, Level 1, B12x48 | \$ 4,500.00    | \$ 27,000.00         | 5,640.00  | \$ 33,840.00         | 5,200.00  | \$ 31,200.00         |
| 35    | 516  | 8     | Sq Ft | 1/2" Preformed Expansion Joint Filler                                       | \$ 5.00        | \$ 40.00             | 4.00      | \$ 32.00             | 2.00      | \$ 16.00             |
| 36    | 516  | 131   | Sq Ft | 1" Preformed Expansion Joint Filler   | \$ 5.00        | \$ 655.00            | 4.00      | \$ 524.00            | 2.50      | \$ 327.50            |
| 37    | 516  | 40    | Ft    | Special - Sawing and Sealing Bituminous Concrete Joints                     | \$ 20.00       | \$ 800.00            | 22.00     | \$ 880.00            | 15.00     | \$ 600.00            |
| 38    | 516  | 12    | Each  | 1/8" Preformed Bearing Pad, 711.21  | \$ 10.00       | \$ 120.00            | 12.00     | \$ 144.00            | 1.00      | \$ 12.00             |
| 39    | 516  | 24    | Each  | Elastomeric Bearing with Internal Laminates Only (Neoprene) (6"x10"x1.00")  | \$ 100.00      | \$ 2,400.00          | 125.00    | \$ 3,000.00          | 65.00     | \$ 1,560.00          |
| 40    | 517  | 57.33 | Ft    | Railing (Deep Beam Rail with Steel Tubular Backup and Type 2 Steel Posts)   | \$ 85.00       | \$ 4,873.05          | 150.00    | \$ 8,599.50          | 125.00    | \$ 7,166.25          |
| 41    | 518  | 52    | Ft    | Steel Drip Strip  | \$ 15.00       | \$ 780.00            | 10.00     | \$ 520.00            | 8.00      | \$ 416.00            |
| TOTAL |      |       |       |   |                | <b>\$ 101,370.05</b> |           | <b>\$ 119,843.00</b> |           | <b>\$ 103,748.25</b> |