

| City of Columbia, Missouri | | | | |
|----------------------------------------------------------------|-------|----------|-------------|---------------------|
| Preliminary Cost Estimates: Keene Street and I70 SE Roundabout | | | | |
| ITEM | UNIT | QUANTITY | UNIT COST | TOTAL COST |
| EARTHWORK | | | | |
| Unclassified Excavation | CY | 1,000 | \$10.00 | \$10,000.00 |
| Compacted Earth Fill from Borrow | CY | 1,000 | \$15.00 | \$15,000.00 |
| REMOVALS | | | | |
| Removal-Sidewalk | SY | 50 | \$8.00 | \$400.00 |
| Removal of Existing Street Pavement | SY | 2,000 | \$12.00 | \$24,000.00 |
| PAVEMENTS | | | | |
| 9" PC Concrete Street Pavement with Integral Curb | SY | 2,400 | \$70.00 | \$168,000.00 |
| 4" Type I Aggregate Base | SY | 2,600 | \$10.00 | \$26,000.00 |
| 8" Stamped Colored PCC Truck Apron w/ Integral Curb | SY | 420 | \$100.00 | \$42,000.00 |
| 6" Imprinted Color Concrete for Splitter Islands | SY | 160 | \$120.00 | \$19,200.00 |
| 4" PC Concrete Sidewalk including Curb Ramps | SF | 3,000 | \$8.00 | \$24,000.00 |
| ADA Detectable Warning Panels | SF | 40 | \$50.00 | \$2,000.00 |
| STORM DRAINAGE/EROSION CONTROL | | | | |
| 6' x 3' Type M Curb Inlet | EA | 4 | \$4,500.00 | \$18,000.00 |
| 4' x 4' Area Inlet | EA | 1 | \$4,000.00 | \$4,000.00 |
| 5' x5' Junction Box | EA | 1 | \$6,000.00 | \$6,000.00 |
| 18" RCP | LF | 235 | \$50.00 | \$11,750.00 |
| 24" RCP | LF | 220 | \$70.00 | \$15,400.00 |
| Silt Fence | LF | 2,000 | \$3.00 | \$6,000.00 |
| Inlet Protection | EA | 4 | \$300.00 | \$1,200.00 |
| Straw Bale Ditch Checks | EA | 8 | \$200.00 | \$1,600.00 |
| Geotextile Fabric | SY | 50 | \$20.00 | \$1,000.00 |
| TRAFFIC CONTROL | | | | |
| Traffic Control | LS | 1 | \$60,000.00 | \$60,000.00 |
| Portable Changeable Message Sign | EA/WK | 6 | \$1,500.00 | \$9,000.00 |
| Temporary Pavement Marking - 4" Tape | LF | 2,000 | \$2.00 | \$4,000.00 |
| PAVEMENT MARKINGS AND SIGNING | | | | |
| 4" Solid Yellow Line | LF | 400 | \$6.00 | \$2,400.00 |
| 4" Solid Double Yellow Line | LF | 400 | \$12.00 | \$4,800.00 |
| 8" Solid White Line | LF | 200 | \$10.00 | \$2,000.00 |
| 8" Solid Yellow Line | LF | 400 | \$10.00 | \$4,000.00 |
| 8" Yellow Diagonal Line | LF | 200 | \$10.00 | \$2,000.00 |
| 12" Dotted White Line | LF | 150 | \$10.00 | \$1,500.00 |
| Crosswalk Markings | EA | 1 | \$1,000.00 | \$1,000.00 |
| Perking Lot Striping | LS | 1 | \$1,000.00 | \$1,000.00 |
| Permanent Roadway Signing | SF | 200 | \$80.00 | \$16,000.00 |
| MISC | | | | |
| Seeding & Mulching | LS | 1 | \$8,400.00 | \$8,400.00 |
| Mobilization | LS | 1 | \$50,000.00 | \$50,000.00 |
| Construction Staking | LS | 1 | \$20,000.00 | \$20,000.00 |
| Street Lighting | LS | 1 | \$30,000.00 | \$30,000.00 |
| Preliminary Cost Estimates: | | | | \$611,650.00 |

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|-------------------------------------------------|---------------------|
| Construction Contract: | \$611,650.00 |
| Construction Contingencies (5%) | 30,590.00 |
| MoDOT Central District Preliminary Engineering | 5,000.00 |
| MoDOT Central District Construction Engineering | 5,000.00 |
| Total Project Cost | \$652,240.00 |

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|-----------------------------------------------------------|---------------------|
| Cost Share Portion | \$316,120.00 |
| MoDOT Central District Preliminary Engineering | 5,000.00 |
| MoDOT Central District Construction Engineering | 5,000.00 |
| City of Columbia Portion (50% of Total Construction Cost) | \$326,120.00 |
| Total | \$652,240.00 |

EXHIBIT B: COST BREAKDOWN