

EXHIBIT B.1 DELL RANGE BLVD. (COLLEGE DRIVE TO VAN BUREN AVENUE) TOTAL COST



Project #: DELL RANGE BLVD. RECONSTRUCTION
 Project Name: ENGINEER'S OPINION OF COST
 Compiled By: D. Klahn, T. Cobb
 Date: 4.19.22

| Item No. | Item | Total | Unit | Engineers Estimate | |
|------------------|--|---------|------|--------------------|-----------------|
| | | | | Unit Price | Total |
| 1020.01 | BONDS AND INSURANCE | 1 | LS | \$ 29,000.00 | \$ 29,000.00 |
| 1020.03 | POTHOLING UTILITIES (NON-DESTRUCTIVE)* | 1 | LS | \$ 10,000.00 | \$ 10,000.00 |
| 1030.01 | MOBILIZATION | 1 | LS | \$ 361,000.00 | \$ 361,000.00 |
| 1050.01 | TRAFFIC CONTROL | 1 | LS | \$ 60,000.00 | \$ 60,000.00 |
| 1060.01 | CONSTRUCTION SURVEYING* | 1 | LS | \$ 37,000.00 | \$ 37,000.00 |
| 1563.01 | STORMWATER MANAGEMENT & EROSION CONTROL* | 1 | LS | \$ 30,000.00 | \$ 30,000.00 |
| 2075.01 | REMOVAL OF EXISTING CONCRETE, PAVING, C&G, VALLEY PANS, FILLETS AND APPROACHES, 8" (+/-) | 26,313 | SF | \$ 2.25 | \$ 59,204.00 |
| 2075.02 | REMOVAL OF EXISTING ASPHALT INCLUDING TIE INS TO INTERSECTING STREETS, 5" (+/-) | 21,495 | SF | \$ 5.00 | \$ 107,475.00 |
| 2075.02 | REMOVAL OF EXISTING SIDEWALK | 31,425 | SF | \$ 1.80 | \$ 56,565.00 |
| 2205.01 | TOPSOIL STORING* | 1,050 | CY | \$ 2.25 | \$ 2,363.00 |
| 2205.02 | TOPSOIL PLACING* | 1,050 | CY | \$ 2.75 | \$ 2,888.00 |
| 2210.01 | UNCLASSIFIED EXCAVATION | 7,410 | CY | \$ 6.55 | \$ 48,536.00 |
| 2231.04 | CRUSHED BASE | 14,494 | Ton | \$ 23.35 | \$ 338,435.00 |
| 2512.01 | PLANT MIX BITUMINOUS PAVEMENT (TYPE II) GRADING 'A' - 2" | 279 | Ton | \$ 105.00 | \$ 29,295.00 |
| 2512.02 | PLANT MIX BITUMINOUS PAVEMENT (TYPE II) GRADING 'D' - 2" | 259 | Ton | \$ 115.00 | \$ 29,785.00 |
| 2725.01 | INLET TYPE 'A' | 17 | EA | \$ 4,376.52 | \$ 74,401.00 |
| 2725.15 | MANHOLE TYPE C, 5 FOOT DIA., 5 FOOT DEPTH | 18 | EA | \$ 7,214.29 | \$ 129,857.00 |
| 2900.01 | LANDSCAPING (DRY LAND) | 21,500 | SF | \$ 1.50 | \$ 32,250.00 |
| 2900.01 | LANDSCAPING (URBAN) | 21,500 | SF | \$ 6.00 | \$ 129,000.00 |
| 3320.06 | COLOR CONCRETE MEDIAN (6 INCH) | 2,189 | SY | \$ 60.00 | \$ 131,340.00 |
| 3320.07 | COLOR CONCRETE ISLAND (6 INCH) | 3,124 | SY | \$ 52.00 | \$ 162,448.00 |
| 3320.08 | CONCRETE PAVEMENT (8 INCH) | 27,236 | SY | \$ 75.00 | \$ 2,042,700.00 |
| 3330.50 | CONCRETE VALLEY PAN (8 INCH) | 777 | SF | \$ 45.00 | \$ 34,965.00 |
| 3330.01 | 18 INCH CURB AND GUTTER - TYPE A | 6,394 | LF | \$ 20.00 | \$ 127,880.00 |
| 3330.01 | 24 INCH CURB AND GUTTER - TYPE A | 7,020 | LF | \$ 30.00 | \$ 210,600.00 |
| 3340.01 | CURB RETURN FILLETS (8 INCH) | 41 | EA | \$ 2,010.00 | \$ 82,410.00 |
| 3340.03 | CONCRETE SIDEWALK | 4,700 | SY | \$ 40.00 | \$ 188,000.00 |
| 3340.06 | CONCRETE DRIVEWAY APPROACH - 6 INCH | 40 | SY | \$ 65.00 | \$ 2,600.00 |
| 3340.08 | CONCRETE DRIVEWAY APPROACH - 8 INCH | 340 | SY | \$ 70.00 | \$ 23,800.00 |
| 4000.01 | PAVEMENT MARKINGS SOLID WHITE (EPOXY PAINT LINE 4 INCH)* | 2,116 | LF | \$ 3.00 | \$ 6,348.00 |
| 4000.02 | PAVEMENT MARKINGS SKIP WHITE (EPOXY PAINT LINE 4 INCH)* | 14,396 | LF | \$ 1.25 | \$ 17,995.00 |
| 4000.03 | PAVEMENT MARKINGS SOLID WHITE (EPOXY PAINT LINE 8 INCH)* | 2,031 | LF | \$ 6.00 | \$ 12,186.00 |
| 4000.05 | THERMOPLASTIC PAVEMENT MARKINGS (2' STOP BAR) | 46.5 | SF | \$ 28.00 | \$ 1,302.00 |
| 4000.05 | THERMOPLASTIC PAVEMENT MARKINGS (SYMBOLS)* | 694.5 | SF | \$ 28.00 | \$ 19,446.00 |
| 6032.18 | RCP 18 INCH | 1,926.0 | LF | \$ 97.02 | \$ 186,861.00 |
| 6032.24 | RCP 24 INCH | 2,000.0 | LF | \$ 111.44 | \$ 222,880.00 |
| 6032.36 | RCP 36 INCH | 2,300.0 | LF | \$ 253.74 | \$ 583,602.00 |
| 7023.03 | SIGN POST, SQ. TUBULAR STL.* | 40 | EA | \$ 200.00 | \$ 8,000.00 |
| 7023.05 | SIGN PANELS, ALUMINUM* | 200 | SF | \$ 28.61 | \$ 5,722.00 |
| 7012.01 | TRAFFIC SIGNAL SYSTEM | 2 | EA | \$ 375,000.00 | \$ 750,000.00 |
| 7017.01 | ROADWAY LIGHTING SYSTEM | 1 | LS | \$ 500,000.00 | \$ 500,000.00 |
| 8000.00 | QUALITY CONTROL TESTING | 1 | LS | \$ 50,000.00 | \$ 50,000.00 |
| SUB-TOTAL (2021) | | | | | \$ 6,938,139.00 |



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 Project Name: **ENGINEER'S OPINION OF COST**
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| Item No. | Item | Total | Unit | Unit Price | Engineers Estimate | Total |
|--|--|-------|------|-----------------|--------------------|--------------|
| | CONTINGENCY (10%) | 1 | LS | \$ 1,040,721.00 | \$ | 1,040,721.00 |
| | DESIGN ENGINEERING (11%) | 1 | LS | \$ 763,195.00 | \$ | 763,195.00 |
| | ANTICIPATED CONSTRUCTION YEAR FY2025 (SUMMER 2024) COST ESCALATION 1.5%/YR | 1 | LS | \$ 312,216.26 | \$ | 312,216.26 |
| SUB-TOTAL DESIGN AND CONSTRUCTION COST (2024) | | | | | \$ | 9,054,271.26 |
| FOR ESTIMATE (2024) | | | | | \$ | 9,055,000.00 |

Footnotes:

- (1) The Cost Estimates were developed using data from 2021 Weighted Average Bid Prices, compiled by WYDOT; and 2021 Construction Costs from historical City of Cheyenne project experience database.
- (2) Please note unit prices and sub-totals are calculated based on 2021 present worth or present value dollars. Adjustments should be made for years beyond the present year to better estimate required capital dollars for future improvements plan(s).
- (3) Landscaping (Restore and Reclaim) for areas adjacent to right-of-way.
- (4) Estimated values of Contract Bond and Insurance and Mobilization were estimated at 0.5% and 5.5% of total construction cost, respectively.
- (5) Quantities developed using electronic preliminary plans developed by AVI, pc for the U.S. 30/ Dell Range Corridor Study
- (6) Roadway Assumptions:
 4" Asphalt on 6" Crushed Base Grading 'W'
 8" Concrete on 4" Crushed Base Grading 'W'
 6' Sidewalk
 No costs for the relocation of Utilities

EXHIBIT B.1a DELL RANGE BLVD. (COLLEGE DRIVE TO VAN BUREN AVENUE), DEVELOPER ANTICIPATED OFFSITE IMPACT TOTAL COSTS



Project #: **DELL RANGE BLVD. RECONSTRUCTION**
 Project Name: **ENGINEER'S OPINION OF COST**
 Compiled By: **D. Klahn, T. Cobb**
 Date: **3.3.2022**

| Item No. | Item | Total | Unit | Engineers Estimate | |
|----------|--|--------|------|--|------------------------|
| | | | | Unit Price | Total |
| 1020.01 | BONDS AND INSURANCE | 1 | LS | \$ 17,000.00 | \$ 17,000.00 |
| 1030.01 | MOBILIZATION | 1 | LS | \$ 258,000.00 | \$ 258,000.00 |
| 1050.01 | TRAFFIC CONTROL | 1 | LS | \$ 41,000.00 | \$ 41,000.00 |
| 2210.01 | UNCLASSIFIED EXCAVATION | 7,410 | CY | \$ 6.55 | \$ 48,536.00 |
| 2231.04 | CRUSHED BASE | 14,494 | Ton | \$ 23.35 | \$ 338,435.00 |
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| 8000.00 | QUALITY CONTROL TESTING | 1 | LS | \$ 50,000.00 | \$ 50,000.00 |
| | | | | SUB-TOTAL (2021) | \$ 4,951,793.00 |
| | CONTINGENCY (5%) | 1 | LS | \$ 247,590.00 | \$ 247,590.00 |
| | DESIGN ENGINEERING (10%) | 1 | LS | \$ - | \$ - |
| | ANTICIPATED CONSTRUCTION YEAR FY2025 (SUMMER 2024) COST ESCALATION 1.5%/YR | 1 | LS | \$ 222,830.69 | \$ 222,830.69 |
| | | | | SUB-TOTAL DESIGN AND CONSTRUCTION COST (2024) | \$ 5,423,213.69 |
| | | | | FOR ESTIMATE (2024) | \$ 5,423,000.00 |

Footnotes:

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