

PRELIMINARY COST ESTIMATE
Sierra College Boulevard / Taylor Road Intersection Improvement Project
100% Submittal
Town of Loomis

| NO. | ITEM DESCRIPTION | QUANTITY | UNIT | UNIT PRICE | TOTAL AMOUNT |
|--------------------------------------|---------------------------------------------|----------|------|--------------|---------------------|
| A. EARTHWORK & DEMOLITION | | | | | |
| 1 | Mobilization | 1 | LS | \$137,000.00 | \$137,000.00 |
| 2 | Clearing and Grubbing | 1 | LS | \$15,000.00 | \$15,000.00 |
| 3 | Roadway Excavation | 2,240 | CY | \$25.00 | \$56,000.00 |
| 4 | Imported Borrow | 610 | CY | \$80.00 | \$48,800.00 |
| 5 | Erosion Control | 1 | LS | \$7,000.00 | \$7,000.00 |
| 6 | Stage Construction and Traffic Handling | 1 | LS | \$15,000.00 | \$15,000.00 |
| 7 | Remove Irrigation Facility | 1 | LS | \$2,500.00 | \$2,500.00 |
| TOTAL EARTHWORK | | | | | \$281,300.00 |
| B. STREETS | | | | | |
| 8 | Hot Mix Asphalt (Type A) | 1,190 | TON | \$125.00 | \$148,750.00 |
| 9 | Aggregate Base (Class 2) | 485 | CY | \$50.00 | \$24,250.00 |
| 10 | Shoulder Backing | 40 | TON | \$120.00 | \$4,800.00 |
| 11 | Cold Plane Asphalt Concrete Pavement | 305 | SQYD | \$50.00 | \$15,250.00 |
| 12 | Minor Concrete (Sidewalk) | 3 | CY | \$700.00 | \$2,100.00 |
| 13 | Minor Concrete (Curb and Gutter) | 35 | CY | \$800.00 | \$28,000.00 |
| 14 | Minor Concrete (Sidewalk with Barrier Curb) | 80 | CY | \$950.00 | \$76,000.00 |
| 15 | Minor Concrete (Curb Ramp) | 45 | CY | \$850.00 | \$38,250.00 |
| 16 | Minor Concrete (Curb Type B1-8) | 46 | CY | \$775.00 | \$35,650.00 |
| 17 | Minor Concrete (Miscellaneous) | 2 | CY | \$700.00 | \$1,400.00 |
| 18 | Minor Concrete (Textured Paving) | 32 | CY | \$1,500.00 | \$48,000.00 |
| 19 | Detectable Warning Surface | 10 | EA | \$600.00 | \$6,000.00 |
| 20 | Thermoplastic Traffic Stripe Detail 9 | 2,120 | LF | \$1.00 | \$2,120.00 |
| 21 | Thermoplastic Traffic Stripe Detail 22 | 650 | LF | \$2.00 | \$1,300.00 |
| 22 | Thermoplastic Traffic Stripe Detail 27B | 2,500 | LF | \$1.00 | \$2,500.00 |
| 23 | Thermoplastic Traffic Stripe Detail 29 | 950 | LF | \$2.00 | \$1,900.00 |
| 24 | Thermoplastic Traffic Stripe Detail 32 | 135 | LF | \$2.00 | \$270.00 |
| 25 | Thermoplastic Traffic Stripe Detail 37B | 350 | LF | \$1.00 | \$350.00 |
| 26 | Thermoplastic Traffic Stripe Detail 38 | 1,280 | LF | \$1.00 | \$1,280.00 |
| 27 | Thermoplastic Traffic Stripe Detail 38A | 900 | LF | \$1.00 | \$900.00 |
| 28 | Thermoplastic Traffic Stripe Detail 39 | 1,800 | LF | \$1.00 | \$1,800.00 |
| 29 | Thermoplastic Traffic Stripe Detail 40 | 240 | LF | \$1.00 | \$240.00 |
| 30 | 8" Thermoplastic Traffic Stripe | 680 | LF | \$1.50 | \$1,020.00 |
| 31 | Thermoplastic Pavement Marking | 2,540 | SF | \$4.00 | \$10,160.00 |
| 32 | Remove Traffic Stripe | 7,300 | LF | \$0.50 | \$3,650.00 |
| 33 | Remove Pavement Marking | 1,880 | SF | \$3.00 | \$5,640.00 |
| 34 | Pavement Marker (Retroreflective) | 330 | EA | \$5.00 | \$1,650.00 |
| 35 | Remove Sidewalk Barricade | 1 | EA | \$100.00 | \$100.00 |
| 36 | Remove Concrete Island | 761 | LF | \$30.00 | \$22,830.00 |
| 37 | Remove Fence | 135 | LF | \$5.00 | \$675.00 |
| 38 | Remove AC Dike | 90 | LF | \$10.00 | \$900.00 |
| 39 | Remove Headwall | 1 | EA | \$2,000.00 | \$2,000.00 |
| 40 | Remove Roadside Sign | 18 | EA | \$100.00 | \$1,800.00 |
| 41 | Relocate Roadside Sign | 7 | EA | \$250.00 | \$1,750.00 |
| 42 | Roadside Sign | 19 | EA | \$800.00 | \$15,200.00 |
| 43 | Slurry Seal | 171,500 | SF | \$0.35 | \$60,025.00 |
| 44 | Midwest Guardrail System | 50 | LF | \$35.00 | \$1,750.00 |
| 45 | Alternative In-Line Terminal System | 1 | EA | \$3,000.00 | \$3,000.00 |
| 46 | End Anchor Assembly (Type SFT) | 1 | EA | \$1,000.00 | \$1,000.00 |
| 47 | Chain Link Fence (Type CL-6) | 155 | LF | \$65.00 | \$10,075.00 |
| 48 | Adjust Valve Box Frame and Cover to Grade | 3 | EA | \$500.00 | \$1,500.00 |
| 49 | Sidewalk Barricade | 5 | EA | \$500.00 | \$2,500.00 |
| 50 | Relocate Gateway Sign and Solar Lighting | 1 | LS | \$10,000.00 | \$10,000.00 |
| TOTAL STREETS | | | | | \$598,335.00 |

C. WATER

| | | | | |
|----------------------------------------|---|----|-------------|-------------|
| 51 Remove Fire Hydrant | 1 | EA | \$5,000.00 | \$5,000.00 |
| 52 Install Fire Hydrant | 1 | EA | \$12,000.00 | \$12,000.00 |
| 53 Remove Air Vacuum Release Valve | 1 | EA | \$5,000.00 | \$5,000.00 |
| 54 Install 2" Air Vacuum Release Valve | 1 | EA | \$10,000.00 | \$10,000.00 |

TOTAL WATER

\$32,000.00

D. DRAINAGE

| | | | | |
|--------------------------------------------------------|-----|------|------------|--------------|
| 55 Install Drainage Inlet | 2 | EA | \$4,000.00 | \$8,000.00 |
| 56 Remove Drainage Inlet | 1 | EA | \$1,000.00 | \$1,000.00 |
| 57 Remove Pipe | 28 | LF | \$50.00 | \$1,400.00 |
| 58 Remove Flared End Section | 1 | EA | \$800.00 | \$800.00 |
| 59 12" RCP Class V | 60 | LF | \$260.00 | \$15,600.00 |
| 60 18" RCP Class V | 30 | LF | \$200.00 | \$6,000.00 |
| 61 60" Corrugated Metal Pipe | 48 | LF | \$600.00 | \$28,800.00 |
| 62 18" Concrete Flared End Section | 1 | EA | \$830.00 | \$830.00 |
| 63 60" Metal Flared End Section | 2 | EA | \$2,000.00 | \$4,000.00 |
| 64 Rock Slope Protection (20 lb, Class I, Method B) | 45 | CY | \$350.00 | \$15,750.00 |
| 65 Rock Slope Protection (1/4 ton, Class V, Method B) | 236 | CY | \$425.00 | \$100,300.00 |
| 66 Rock Slope Protection (3/8 ton, Class VI, Method B) | 76 | CY | \$450.00 | \$34,200.00 |
| 67 Rock Slope Protection Fabric (Class 8) | 540 | SQYD | \$7.00 | \$3,780.00 |

TOTAL DRAINAGE

\$220,460.00

E. ELECTRICAL

| | | | | |
|-----------------------------------------------------------|---|----|--------------|--------------|
| 68 Modify Traffic Signal at Sierra College Blvd/Taylor Rd | 1 | LS | \$300,000.00 | \$300,000.00 |
| 69 Modify Traffic Signal at Sierra College Blvd/Brace Rd | 1 | LS | \$75,000.00 | \$75,000.00 |

TOTAL ELECTRICAL

\$375,000.00

CONSTRUCTION COST ESTIMATE SUMMARY

| | | |
|--------------------------------------|-----------------|-----------------------|
| A. EARTHWORK & DEMOLITION | | \$281,300.00 |
| B. STREETS | | \$598,335.00 |
| C. WATER | | \$32,000.00 |
| D. DRAINAGE | | \$220,460.00 |
| E. ELECTRICAL | | \$375,000.00 |
| SUBTOTAL CONSTRUCTION (A-E) | | \$1,507,100.00 |
| CONTINGENCY | 10% of Subtotal | \$150,800.00 |
| GRAND TOTAL | | \$1,658,000.00 |

- Contract duration has yet to be established, though it is currently estimated at 80 Working Days.