

## Estimate

Project: **Coulee-Hite/CW Railroad Crossing Section 130 Funding**

Date: 1/6/2026

Scope: Install RR flashing lights & gates at Coulee-Hite / CW RR crossing, install guardrail, update signs / markings, track crossing replacement

Railroad: Central Washington (CW) Branch (WSDOT)

Crossing #: 066351H

Road #: 647

| Item # | Item Description                                | Unit | Quantity | Unit Price | Amount    |
|--------|---|------|----------|------------|-----------|
| 1      | MOBILIZATION                                    | L.S. | 1        | \$44,000   | \$44,000  |
| 2      | REMOVING ASPHALT CONC. PAVEMENT                 | S.Y. | 153      | \$45       | \$6,885   |
| 3      | SAWCUTTING ASPHALT CONC. PAVEMENT               | L.F. | 50       | \$50       | \$2,500   |
| 4      | REMOVING PAINTED TRAFFIC MARKING                | EA   | 2        | \$500      | \$1,000   |
| 5      | ROADWAY EXCAVATION INCL. HAUL                   | C.Y. | 105      | \$30       | \$3,150   |
| 6      | EMBANKMENT COMPACTION                           | C.Y. | 50       | \$20       | \$1,000   |
| 7      | PLAIN ST. CULV. PIPE 0.064 IN. TH. 12 IN. DIAM. | L.F. | 50       | \$100      | \$5,000   |
| 8      | SUBBALLAST                                      | TON  | 23       | \$100      | \$2,300   |
| 9      | BALLAST   | TON  | 70       | \$30       | \$2,100   |
| 10     | CRUSHED SURFACING TOP COURSE                    | C.Y. | 12       | \$200      | \$2,400   |
| 11     | HMA CL. 1/2 IN. PG 64S-28, 0.50 FT. DEPTH       | TON  | 41       | \$300      | \$12,300  |
| 12     | SEEDING, FERTILIZING, AND MULCHING              | ACRE | 0.3      | \$5,000    | \$1,500   |
| 13     | EROSION CONTROL AND WATER POLLUTION PREVENTION  | L.S. | 1        | \$1,000    | \$1,000   |
| 14     | JOINT ADHESIVE BITUMINOUS PAVEMENT              | L.F. | 48       | \$2        | \$96      |
| 15     | BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL      | EA   | 1        | \$5,000    | \$5,000   |
| 16     | BEAM GUARDRAIL TYPE 31                          | L.F. | 530      | \$50       | \$26,500  |
| 17     | BEAM GUARDRAIL ANCHOR TYPE 11                   | EA   | 1        | \$2,500    | \$2,500   |
| 18     | REMOVE TRACK                                    | T.F. | 105      | \$35       | \$3,675   |
| 19     | FURNISH AND INSTALL 10' WOOD TIE TRACK          | T.F. | 105      | \$380      | \$39,900  |
| 20     | FURNISH AND INSTALL CONCRETE PANEL CROSSING     | T.F. | 65       | \$380      | \$24,700  |
| 21     | FURNISH AND INSTALL GEOTEXTILE FABRIC           | S.Y. | 115      | \$5        | \$575     |
| 22     | SURFACE LINE AND DRESS                          | T.F. | 100      | \$10       | \$1,000   |
| 23     | FURNISH AND INSTALL COMPROMISE JOINTS           | PR.  | 2        | \$900      | \$1,800   |
| 24     | GRADE CROSSING SIGNALS                          | L.S. | 1        | \$400,000  | \$400,000 |
| 25     | PLASTIC LINE                                    | L.F. | 150      | \$2        | \$300     |
| 26     | PLASTIC STOP LINE                               | L.F. | 24       | \$25       | \$600     |
| 27     | PLASTIC RAILROAD CROSSING SYMBOL                | EA   | 2        | \$750      | \$1,500   |

|                                    |                                   |      |       |                                      |                  |
|------------------------------------|-----------------------------------|------|-------|--------------------------------------|------------------|
| 28                                 | SIGN TOP POST                     | EA   | 5     | \$250                                | \$1,250          |
| 29                                 | SIGN BASE POST                    | EA   | 5     | \$250                                | \$1,250          |
| 30                                 | SIGN PLATE                        | S.F. | 24    | \$50                                 | \$1,200          |
| 31                                 | PROJECT TEMPORARY TRAFFIC CONTROL | L.S. | 1     | \$44,000                             | \$44,000         |
| 32                                 | WORK ZONE SAFETY CONTINGENCY      | EST  | 2,000 | \$1                                  | \$2,000          |
| 33                                 | SPCC PLAN                         | L.S. | 1     | \$1,000                              | \$1,000          |
|                                    |                                   |      |       | Subtotal                             | \$643,981        |
| <b>Railroad Reimbursable Costs</b> |                                   |      |       |                                      |                  |
| 34                                 | Railroad Flaggers                 | L.S. | 1     | \$5,000                              | \$5,000          |
|                                    |                                   |      |       | Subtotal                             | \$648,981        |
|                                    |                                   |      |       | Contingencies                        | 5% \$32,449      |
|                                    |                                   |      |       | Contract Total                       | \$681,430        |
|                                    |                                   |      |       | Construction Engineering             | 10% \$68,000     |
|                                    |                                   |      |       | indirect costs                       | 25.97% \$18,000  |
|                                    |                                   |      |       | Construction Phase Total             | \$767,430        |
|                                    |                                   |      |       | Preliminary Engineering - Agency     | \$112,000        |
|                                    |                                   |      |       | Preliminary Engineering - Consultant | \$50,000         |
|                                    |                                   |      |       | Preliminary Engineering Total        | \$162,000        |
|                                    |                                   |      |       | <b>Total Project Costs</b>           | <b>\$929,000</b> |