



**US Army Corps  
of Engineers®**

Walla Walla District

## **LITTLE WOOD RIVER, GOODING, IDAHO**

### **DRAFT INTEGRATED LETTER REPORT AND ENVIRONMENTAL ASSESSMENT**

#### **APPENDIX E, COST ENGINEERING**

DRAFT

**This page intentionally left blank.**

DRAFT

**LITTLE WOOD RIVER, GOODING, IDAHO  
DRAFT INTEGRATED LETTER REPORT  
AND ENVIRONMENTAL ASSESSMENT**

**APPENDIX E, COST ENGINEERING**

<b>CONTENTS</b>	<b>CONTENTS</b>	<b>E-I</b>
<b>1</b>	<b>PROJECT DESCRIPTION</b>	<b>E-2</b>
<b>2</b>	<b>SITE DESCRIPTION</b>	<b>E-3</b>
<b>3</b>	<b>BASIS OF ESTIMATE</b>	<b>E-4</b>
3.1	Basis of Design	E-5
3.2	Basis of Quantities	E-6
<b>4</b>	<b>CONSTRUCTION ESTIMATE</b>	<b>E-6</b>
<b>5</b>	<b>BASIS OF TOTAL PROJECT COST ESTIMATE</b>	<b>E-7</b>
5.1	General Conditions and Markups	E-7
5.2	Miscellaneous Assumptions and Notes	E-8
<b>6</b>	<b>CONSTRUCTION SCHEDULE</b>	<b>E-8</b>
<b>7</b>	<b>ACQUISITION PLAN</b>	<b>E-9</b>
<b>8</b>	<b>RISK ASSESSMENT</b>	<b>E-9</b>
<b>9</b>	<b>LANDS AND DAMAGES (CW-WBS 01, LERRDS)</b>	<b>E-10</b>
<b>10</b>	<b>PLANNING, ENGINEERING, AND DESIGN (CW-WBS 30)</b>	<b>E-11</b>
<b>11</b>	<b>CONSTRUCTION MANAGEMENT (CW-WBS 31)</b>	<b>E-11</b>
<b>12</b>	<b>ALTERNATIVE ANALYSIS</b>	<b>E-11</b>
<b>13</b>	<b>REFERENCES</b>	<b>E-11</b>

**FIGURES**

Figure 1.	Plan View of Gooding Canal Project Alignment and Staging Area	E-2
Figure 2.	Selected Plan Features	E-4
Figure 3.	Civil Works Estimates – Class Level Designation	E-5
Figure 4.	Gantt Chart for Project Schedule	E-9
Figure 5.	Risk Elements and Typical Concerns	E-10

## 1 PROJECT DESCRIPTION

This study was initiated to investigate measures that could potentially resolve flood risks in the communities of Gooding, Idaho.

A National Economic Development (NED) plan for flood risk reduction was not developed for this effort because economic justification is not required. Instead, the Report recommends the least cost alternative that meets the Project's objectives. Following the Corps' six-step planning process produced only one action alternative (Alternative 1) and the No-Action alternative in the final array of alternatives evaluated. Of those, only the action alternative meets the planning criteria for completeness, effectiveness, efficiency, and acceptability; meets the directive in the project authorization language; is feasible; and satisfies the purpose of flood risk reduction.



**Figure 1. Plan View of Gooding Canal Project Alignment and Staging Area**

Four construction methods were developed and evaluated to determine the least-cost method for reconstruction of the channel walls:

Method A – Tied-Back Precast Concrete Panel Walls

Method B – Tied-Back Sheet Piles

Method C – Trenched Tied-Back Sheet Piles

Method D – Stacked Concrete Blocks

All construction methods provide the same level of flood protection; therefore, the least cost method was used to determine a method for wall construction.

Method A was selected as the least-cost construction method for the Gooding Canal rehabilitation. A further refined estimate of Method A is included in the Total Project Cost Summary in Section 5.7, which includes costs for planning, design, and construction (including construction management).

## **2 SITE DESCRIPTION**

The study area is within the City of Gooding, Gooding County, Idaho. Gooding is the forty-second largest city in Idaho by population.

The Little Wood River flows through the city of Gooding, Idaho in a constructed masonry channel known as the Gooding Canal. In the 1930s, the Works Progress Administration (later known as the Work Projects Administration, or WPA) realigned the river and constructed the rectangular channel made of grouted and ungrouted hand-placed lava rock over the native lava rock riverbed. The work was completed in 1941 and extends for just under a mile.

Since 1941, the channel has performed well, but its walls have deteriorated significantly, and the rate of deterioration is increasing as the project ages. Diminished, but useful functionality of the Gooding Canal has been preserved by the city of Gooding through ongoing maintenance, targeted repairs, and replacement of channel wall sections. However, the channel, constructed with impermanent methods and less resilient materials, is now more than 80 years old and approaching the end of its useful life. Rehabilitation or replacement of the channel walls is warranted.



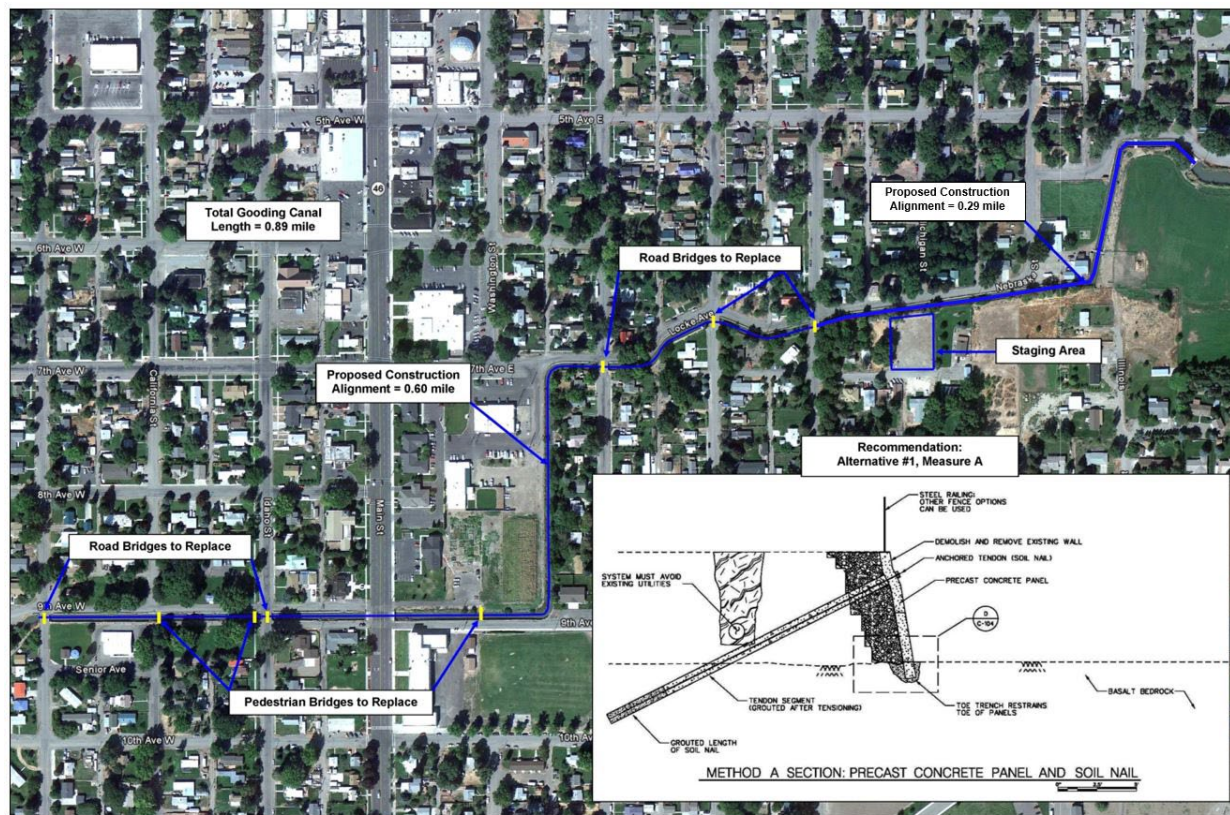


Figure 2. Selected Plan Features

Specific features of Alternative 4 include removal of the existing lava rock wall, replacement of the wall with an engineered channel, and the replacement of five vehicle bridge crossings and 3 pedestrian bridge crossings for flood risk reduction. Due to the original construction methods, the bridge and pedestrian crossings cannot be salvaged during canal rehabilitation and will need to be demolished and replaced.

### 3 BASIS OF ESTIMATE

Due to the level of Scope and Technical Definition for this Pre-Authorization estimate (Limited-Fair) the Civil Works Estimate currently falls into a Class 3 Estimate, based on ER 1110-2-1302.

ER 1110-2-1302  
30 Jun 16

Table 1. Civil Works Estimates – Class Level Designation

Project Phase	Scope and Technical Definition		Risk Level	Minimum Estimate Class
Pre-Budget Development (not recommended for reports)	Extremely Limited		Extremely High	5*
<b>Pre-Authorization</b>				
Initial Alternatives	Very Limited		Very High	4*
Feasibility Alternatives	Very Limited		High	4*
Feasibility – Federal Recommended Plan	Limited-Fair		Moderate	3
National Economic Decision (NED)	Limited-Fair		Moderate	3
Locally Preferred Plan (LPP)	Limited-Fair		Moderate	3
Funding Request Decision Documents	Limited-Fair		Moderate	3
<b>Authorization</b>				
Continuing Authorities Program	Limited		Moderate to High	3-4
Civil Emergency Management Program	Limited		Moderate to High	3-4
Alternative Studies	Limited		Moderate to High	3-4
General Re-Evaluation Report	Limited-Fair		Moderate	3
Limited Re-Evaluation Report	Limited-Fair		Moderate	3
Design Documentation Report	Limited-Fair		Moderate	3
Engineering Decision Report	Limited-Fair		Moderate	3
Post Authorization Change Reports	Fair		Moderate	2-3
Other Funding Decision Documents	Limited-Fair		Moderate	3
<b>Preconstruction, Engineering &amp; Design (working estimates)</b>				
PED 30%	Fair		Moderate	3
PED 60%	Fair-Good		Moderate to Low	2
PED 90%	Very Good		Low	1
IGE <100% Design	Fair-Good		Moderate to Low	2
IGE 100% Design	Very Good		Low	1
<b>Construction / Post Award</b>				
Budgets (modifications / claims)	Fair-Good		Moderate to Low	2
IGEs (modifications / claims)	Very Good		Low	1

\* Do not use in formal/Chief of Engineer's Reports

**Figure 3. Civil Works Estimates – Class Level Designation**

Costs were derived utilizing RSMeans, PACES, corollary data from similar Corps projects, vendor quotes, and DOT bid tabs for comparison. RSMeans crews were adjusted as necessary to meet project conditions such as labor, equipment, and productivity. For the corollary cost data, recent projects in close geographic proximity with similar scope were used when possible to provide the most reasonable comparative costs. Additionally, bid tabs from local DOT were investigated to compare derived unit prices with locally awarded unit prices.

### 3.1 Basis of Design

The scoping description outlined in the Focused Array of Alternatives (Planning), as well as the construction features outlined in the Gooding Feasibility Preliminary Plans, were used to develop the construction estimate. (Refer to Appendix D, Drawings, for further details on design features.)

### **3.2 Basis of Quantities**

Quantity takeoffs were provided by the Civil Lead based on the current levee alignment, CADD surface differences, and established cross sections for areas and volumes and were structured according to the alternatives outlined in the scoping documents described in the Basis of Design section. The cost estimator verified the cost driver quantities based on independent estimates from a typical geometric section.

## **4 CONSTRUCTION ESTIMATE**

The Construction Features were categorized into Work Breakdown Structure (WBS) Codes for conducting an Abbreviated Risk Analysis (ARA) and populating the Total Project Cost Summary (TPCS) worksheet. The following WBS Feature Codes were utilized, and each construction feature grouped per WBS definition.

### *01 Channels and Canals:*

This feature includes all costs of acquiring for the project (by purchase or condemnation) real property or permanent interests therein, including Government costs, damages, and costs of disposal of real estate. Government costs include planning expenses for the real estate portion of the General Design Memo and for the detailed Real Estate Memo; and project real estate office administration, surveys, and marking for land acquisition purposes and appraisals.

For projects which require that costs be incurred on real estate activities, i.e., for records search, appraisals, and field inspection to assure compliance by local interests in the provision of local requirements on projects where no Federal land acquisition is involved, a memorandum statement will be provided with the PB-3 indicating the estimated costs of such real estate activities. These costs will be charged to feature 30, Engineering and Design and that feature will be properly footnoted to show the amount of such costs. A similar footnote will be shown on the PB-1s and PB-2a's for all such projects. This feature is credited with disposal receipts from sale of such items as standing crops, standing timber, structures, and improvements in place and acquired with the land. Disposal receipts from sale of excess land not turned in to the U.S. Treasury as miscellaneous receipts are credited to this feature. Lands or interests purchased for relocations and conveyed to others are included in the feature "Relocations." Temporary interests such as leases are included in the feature or distributive item benefited thereby.

### *09 Channels and Canals:*

This feature includes all forms of excavation (including dredging, preparation of spoil disposal area, and attendant facilities) necessary for the development and construction of channels, harbors, and canals for navigation purposes; and deepening, providing new, or improving existing watercourses for flood control and major drainage. Excavation of natural watercourse to provide adequate depths for navigation is included. Excavation for specific structures, such as dams and locks used in the development of waterways and conservation of water resources, is included with such



structures. The removal of trees, brush, accumulated snags, drift, debris, water hyacinths and other aquatic growths from canals, harbors, and channels in navigable streams and tributaries thereof for navigational included in this feature. Excavation, clearing, and removal of accumulated snags, drifts, debris, and vegetable growth from streams for flood control and major drainage purposes also is included. Included in this feature are revetments, linings, dikes, and bulkheads constructed as channel improvement works for flood control or navigation, as against such items constructed for bank stabilization only. Also included are jetties constructed in connection with flood control channel improvements.

## **5 BASIS OF TOTAL PROJECT COST ESTIMATE**

Due to the level of design and technical information available, the estimate is designated a Class 3 level (per ER 1110-2-1302).

*Class 3 – Technical information (including designs) are approaching a 10-60% quality of project definition. There is greater confidence in project planning and scope, construction elements and quantity development. The estimates rely less on generic cost book items, greater reliance on quotes, recent historical and site-specific crew based details. Class 3 estimates are a reflection of improved technical documents. The estimates must be supported by a technical information (scope, design, acquisition and construction methods, etc.) discussion within the estimate and the uncertainties associated with each major cost item in the estimate. Special attention must be given to large construction elements and items that are sensitive to technical information change.*

### **5.1 General Conditions and Markups**

The estimate further assumes that the prime contractor will perform the earthwork and related work and subcontract out the remaining work. Sub-contractors include Landscaping, Concrete, Clearing & Grubbing, and a Generic Sub for miscellaneous items. Crew productivity levels were reduced as a global construction markup due to limited site access.

A contingency was developed for each WBS Feature Code and respective construction features through an Abbreviated Risk Analysis and applied to the total estimate to account for current design uncertainties that will be refined as the plans and specs are further developed and additional site information gathered. The value was reasonable given the state of design and the number of uncertainties. A comparably scoped and geographically located project (Forest View Levee and McCook Levee Awarded Contracts) provided a comparable ARA weighted percentage for comparison. Two railroads (CN & BNSF) exist between the McCook and West Lyon's levees and the construction activities near the railroad driving WBS-specific contingencies for both studies.

Escalation factors were calculated in the TPCS worksheet and depend on the specific WBS Feature Code. Based on 1Q 2023 FEAS estimate completion date and 3Q 2027

as mid construction, each WBS Feature Code escalation value was calculated per EM 1110-2-1304 30 September 2017 Civil Works Construction Cost Index System (CWCCIS).

Feasibility completed = 11/2023

Joliet will complete environmental clean-up in 2 years = 11/2025

Design completion (Award Contract) of Joliet Levee system = 10/15/2026

Construction Start 10/15/2026 should be completed in one year = 10/15/2027

The estimate further assumes that other general condition items not otherwise specified in the temporary construction facilities bid item are included in the mobilization and demobilization bid items.

## **5.2 Miscellaneous Assumptions and Notes**

- Contingencies and escalation factors have been intentionally omitted from MII. They are added in the Total Project Cost Summary. Refer to the “Total Project Cost Summary” section of this appendix for further details.
- The estimate assumes several utility crossings at the bridges. The estimate assumes minor underground utilities may need to be repaired or relocated though no conflicts have been confirmed by the USACE PDT.
- MII Class B bond table formula used to calculate the bond costs.
- Costs for the 30 and 31 accounts were derived by inputting typical District labor percentage values in the TPCS worksheet along with verified Design and Construction Admin percentages from their respective department chiefs.
- WBS 01 Lands and Damages costs and contingency provided by Walla Walla District (NWW) Real Estate Office. Admin costs related to real estate are included in the 30 account in the TPCS.
- Equipment rates used are from EP 1110-1-8, Volume 8, 2022.
- Materials that will become permanent features of the federal project are exempt from state sales tax in Idaho.
- Davis Bacon Wages 10/03/2023 (Labor Rates)
- EIA 10/20/2023 Fuel Pricing (U.S. Energy Information Administration Current Fuel Pricing)

## **6 CONSTRUCTION SCHEDULE**

A formal construction schedule was developed for the TSP. Based on the MII construction features and cost engineering experience, a construction schedule was developed that takes into account the number of days needed to complete the channel work and bridge work, including holidays and possible weather concerns for the

duration of the project, along with a reasonable date for the award. See the attached Gantt chart for a project schedule.

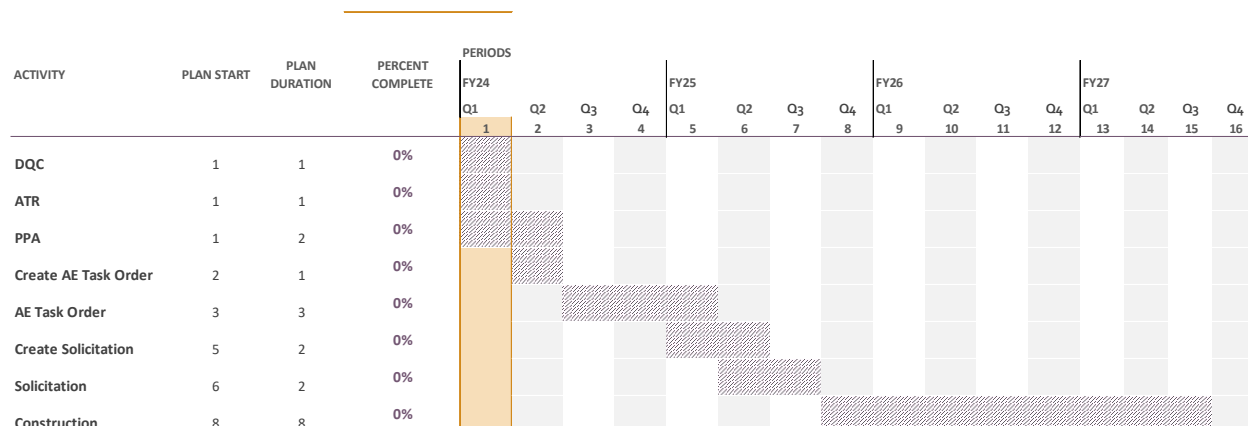


Figure 4. Gantt Chart for Project Schedule

## 7 ACQUISITION PLAN

Current acquisition strategy is full and open solicitation for a design, bid, build contract.

## 8 RISK ASSESSMENT

**Various risks (uncertainties) include** potentially contaminated soil and related disposal fees, potential shoreline wetland impacts, dewatering duration/methods, construction costs affiliated working with/near utilities. Initially, the PDT did not perform any geotechnical investigations, instead including this risk in the risk analysis. Initially, the PDT also did not perform H&H modeling, instead including this risk in the risk analysis.

Current methodology would encourage geotechnical investigations and H&H modeling for the initial report, but the funding sent to update and resubmit this report was insufficient to fund these efforts.

An abbreviated risk analysis (ARA) was performed to develop a contingency for the construction cost estimate. The concerns outlined in the ARA would have a marginal to negligible impact on the project. General concerns include the fact that a contracting member is not currently on the PDT or that the project could potentially not be given small business contract consideration. Project costs have the potential to increase due to modified quantities and scope during the course of the project, considering the level of design.

<u>Risk Element</u>	<u>Typical Concerns</u>
Project Management & Scope Growth	<ul style="list-style-type: none"> <li>• Potential for scope growth, added features?</li> <li>• Project accomplishes intent?</li> <li>• Funding Difficulties?</li> <li>• Sufficient Staffing/Support?</li> </ul>
Acquisition Strategy	<ul style="list-style-type: none"> <li>• Contracting plan firmly established?</li> <li>• 8a or small business likely?</li> <li>• Requirement for subcontracting?</li> <li>• Accelerated schedule or harsh weather schedule?</li> <li>• High-risk acquisition limits competition, design/build?</li> <li>• Limited bid competition anticipated?</li> <li>• Bid schedule developed to reduce quantity risks?</li> </ul>
Construction Elements	<ul style="list-style-type: none"> <li>• Accelerated schedule or harsh weather schedule?</li> <li>• High risk or complex construction elements, site access, in-water?</li> <li>• Water care and diversion plan?</li> <li>• Unique construction methods?</li> <li>• Special mobilization?</li> <li>• Special equipment or subcontractors needed?</li> <li>• Potential for construction modification and claims?</li> </ul>
Specialty Construction or Fabrication	<ul style="list-style-type: none"> <li>• Atypical construction elements, unusual material or equipment manufactured or installed?</li> <li>• Confidence in constructibility or methodology?</li> <li>• One of a kind and confidence in fabrication and installation?</li> <li>• Ability to reasonably transport?</li> <li>• Risk of specialty equipment functioning first time? Testing?</li> </ul>
Technical Design & Quantities	<ul style="list-style-type: none"> <li>• Level of confidence based on design and assumptions?</li> <li>• Possibility for increased quantities due to loss, waste, or subsidence?</li> <li>• Appropriate methods applied to calculate quantities?</li> <li>• Sufficient investigations to develop quantities?</li> <li>• Quality control check applied?</li> </ul>
Cost Estimate Assumptions	<ul style="list-style-type: none"> <li>• Reliability and number of key quotes?</li> <li>• Assumptions related to prime and subcontractor markups/assignments?</li> <li>• Assumptions regarding crew, productivity, overtime?</li> <li>• Site accessibility, transport delays, congestion?</li> <li>• Overuse of Cost Book, lump sum, allowances?</li> <li>• Lack confidence on critical cost items?</li> </ul>
External Project Risks	<ul style="list-style-type: none"> <li>• Potential for severe adverse weather?</li> <li>• Political influences, lack of support, obstacles?</li> <li>• Unanticipated inflations in fuel, key materials?</li> <li>• Potential for market volatility impacting competition, pricing?</li> <li>• Funding Constraints</li> </ul>

**Figure 5. Risk Elements and Typical Concerns**

A running weighted contingency of **39%** was estimated from the ARA (excluding LERRDS). The contingency accounts for potential impacts and the likelihood of occurrence of the Typical Risk Elements Concerns as they pertain to each major feature of work.

## **9 LANDS AND DAMAGES (CW-WBS 01, LERRDS)**

Real Estate costs and contingency values were developed and provided by NWW Real Estate.

## **10 PLANNING, ENGINEERING, AND DESIGN (CW-WBS 30)**

Cost for the 30 account (PED) was provided by the NWW Cost Engineering Chief at 29.5% total construction cost. The percentage is comparable to historical feasibility level projects in NWW and are in the recommended range suggested by the Cost Center of Expertise (MCX), Walla Walla.

## **11 CONSTRUCTION MANAGEMENT (CW-WBS 31)**

Cost for the 31 account (CM) was provided by the NWW Cost Engineering Chief at 14.5% of the total construction cost. The percentages are comparable to historical feasibility level projects in NWW and are in the recommended range suggested by the Cost MCX, Walla Walla.

## **12 ALTERNATIVE ANALYSIS**

Four construction methods were developed and evaluated to determine the least-cost method for reconstruction of the channel walls.

Method A – Tied-Back Precast Concrete Panel Walls

Method B – Tied-Back Sheet Piles

Method C – Trenched Tied-Back Sheet Piles

Method D – Stacked Concrete Blocks

All construction methods provide the same level of flood protection; therefore, the least cost method was used to determine a method for wall construction.

Method A was selected as the least-cost construction method for the Gooding Canal rehabilitation. A further refined estimate of Method A is included in the Total Project Cost Summary in Section 5.7, which includes costs for planning, design, and construction (including construction management).

## **13 REFERENCES**

U.S. Army Corps of Engineers, 1993, Engineering and Design Cost Engineering Policy and General Requirements, Engineering Regulation 1110-1-1300, Department of the Army, Washington D.C., 26 March 1993.

U.S. Army Corps of Engineers, 1999, Engineering and Design for Civil Works Projects, Engineering Regulation 1110-2-1150, Department of the Army, Washington D.C., 31 August 1999.

U.S. Army Corps of Engineers, 2008a, Civil Works Cost Engineering, Engineering Regulation 1110-2-1302, Department of the Army, Washington D.C., 15 September 2008.

U.S. Army Corps of Engineers, 2008b, Construction Cost Estimating Guide for Civil Works,

Engineering Technical Letter 1110-2-573, Department of the Army, Washington D.C., 30 September 2008.

DRAFT



\*\*\*\* TOTAL PROJECT COST SUMMARY \*\*\*\*

Printed:10/26/2023  
Page 1 of 2

PROJECT: Little Wood Channel, Gooding, Idaho  
PROJECT NO: 153050  
LOCATION: Gooding, Idaho

DISTRICT: NWW District  
POC: CHIEF, COST ENGINEERING, xxx

PREPARED: 10/20/2023

This Estimate reflects the scope and schedule in report;

Little Wood Channel, Gooding, Idaho, Feasibility Report

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)					TOTAL PROJECT COST (FULLY FUNDED)				
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST (\$K)	CNTG (\$K)	CNTG (%)	TOTAL (\$K)	Program Year (Budget EC): Effective Price Level Date: 2024 1 OCT 23				TOTAL FIRST COST (\$K)	INFLATED (%)	COST (\$K)	CNTG (\$K)	FULL (\$K)	
						ESC (%)	COST (\$K)	CNTG (\$K)	TOTAL (\$K)						Spent Thru: 1-Oct-23 (\$K)
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	
02	RELOCATIONS	\$430	\$168	39.0%	\$598	0.0%	\$430	\$168	\$598	\$0	\$598	6.2%	\$457	\$178	\$635
08	ROADS, RAILROADS & BRIDGES	\$12,656	\$4,936	39.0%	\$17,592	0.0%	\$12,656	\$4,936	\$17,592	\$0	\$17,592	6.9%	\$13,530	\$5,277	\$18,807
09	CHANNELS & CANALS	\$5,461	\$2,130	39.0%	\$7,591	0.0%	\$5,461	\$2,130	\$7,591	\$0	\$7,591	6.9%	\$5,838	\$2,277	\$8,115
CONSTRUCTION ESTIMATE TOTALS:		\$18,547	\$7,233		\$25,780	0.0%	\$18,547	\$7,233	\$25,780	\$0	\$25,780	6.9%	\$19,825	\$7,732	\$27,557
01	LANDS AND DAMAGES	\$496	\$50	10.0%	\$546	0.0%	\$496	\$50	\$546	\$0	\$546	1.2%	\$502	\$50	\$552
30	PLANNING, ENGINEERING & DESIGN	\$5,657	\$566	10.0%	\$6,223	0.0%	\$5,657	\$566	\$6,223	\$291	\$6,514	6.6%	\$6,030	\$603	\$6,924
31	CONSTRUCTION MANAGEMENT	\$2,689	\$377	14.0%	\$3,066	0.0%	\$2,689	\$377	\$3,066	\$0	\$3,066	8.4%	\$2,916	\$408	\$3,324
PROJECT COST TOTALS:		\$27,389	\$8,225	30.0%	\$35,614		\$27,389	\$8,225	\$35,614	\$291	\$35,905	6.9%	\$29,273	\$8,793	\$38,358

CHIEF, COST ENGINEERING, xxx

PROJECT MANAGER, xxx

CHIEF, REAL ESTATE, xxx

CHIEF, PLANNING, xxx

CHIEF, ENGINEERING, xxx

CHIEF, OPERATIONS, xxx

CHIEF, CONSTRUCTION, xxx

CHIEF, CONTRACTING,xxx

CHIEF, PM-PB, xxxx

CHIEF, DPM, xxx

ESTIMATED TOTAL PROJECT COST: \$38,358

\*\*\*\* TOTAL PROJECT COST SUMMARY \*\*\*\*

Printed:10/26/2023

Page 2 of 2

\*\*\*\* CONTRACT COST SUMMARY \*\*\*\*

PROJECT: Little Wood Channel, Gooding, Idaho  
LOCATION: Gooding, Idaho

DISTRICT: NWW District  
POC: CHIEF, COST ENGINEERING, xxx

PREPARED: 10/20/2023

This Estimate reflects the scope and schedule in report; Little Wood Channel, Gooding, Idaho, Feasibility Report

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared: Effective Price Level:		20-Oct-23 1-Oct-23		Program Year (Budget EC): Effective Price Level Date:		2024 1 OCT 23						
WBS	Civil Works	COST	CNTG	CNTG	TOTAL	ESC	COST	CNTG	TOTAL	Mid-Point	INFLATED	COST	CNTG	FULL
NUMBER	Feature & Sub-Feature Description	(\$K)	(\$K)	(%)	(\$K)	(%)	(\$K)	(\$K)	(\$K)	Date	(%)	(\$K)	(\$K)	(\$K)
A	B	C	D	E	F	G	H	I	J	P	L	M	N	O
02	PHASE 1 or CONTRACT 1 RELOCATIONS	\$430	\$168	39.0%	\$598	0.0%	\$430	\$168	\$598	2026Q3	6.2%	\$457	\$178	\$635
08	ROADS, RAILROADS & BRIDGES	\$12,656	\$4,936	39.0%	\$17,592	0.0%	\$12,656	\$4,936	\$17,592	2026Q4	6.9%	\$13,530	\$5,277	\$18,807
09	CHANNELS & CANALS	\$5,461	\$2,130	39.0%	\$7,591	0.0%	\$5,461	\$2,130	\$7,591	2026Q5	6.9%	\$5,838	\$2,277	\$8,115
CONSTRUCTION ESTIMATE TOTALS:		\$18,547	\$7,233	39.0%	\$25,780		\$18,547	\$7,233	\$25,780			\$19,825	\$7,732	\$27,557
01	LANDS AND DAMAGES	\$496	\$50	10.0%	\$546	0.0%	\$496	\$50	\$546	2024Q4	1.2%	\$502	\$50	\$552
30	PLANNING, ENGINEERING & DESIGN													
2.5%	Project Management	\$464	\$46	10.0%	\$510	0.0%	\$464	\$46	\$510	2024Q4	2.8%	\$477	\$48	\$524
1.0%	Planning & Environmental Compliance	\$185	\$19	10.0%	\$204	0.0%	\$185	\$19	\$204	2024Q4	2.8%	\$191	\$19	\$210
15.0%	Engineering & Design	\$2,782	\$278	10.0%	\$3,060	0.0%	\$2,782	\$278	\$3,060	2024Q4	2.8%	\$2,860	\$286	\$3,146
1.0%	Reviews, ATRs, IEPRs, VE	\$185	\$19	10.0%	\$204	0.0%	\$185	\$19	\$204	2024Q4	2.8%	\$191	\$19	\$210
1.0%	Life Cycle Updates (cost, schedule, risks)	\$185	\$19	10.0%	\$204	0.0%	\$185	\$19	\$204	2024Q4	2.8%	\$191	\$19	\$210
1.0%	Contracting & Reprographics	\$185	\$19	10.0%	\$204	0.0%	\$185	\$19	\$204	2024Q4	2.8%	\$191	\$19	\$210
3.0%	Engineering During Construction	\$556	\$56	10.0%	\$612	0.0%	\$556	\$56	\$612	2026Q3	8.4%	\$603	\$60	\$664
2.0%	Planning During Construction	\$371	\$37	10.0%	\$408	0.0%	\$371	\$37	\$408	2026Q3	8.4%	\$402	\$40	\$442
3.0%	Adaptive Management & Monitoring	\$556	\$56	10.0%	\$612	0.0%	\$556	\$56	\$612	2033Q1	32.0%	\$734	\$73	\$808
1.0%	Project Operations	\$185	\$19	10.0%	\$204	0.0%	\$185	\$19	\$204	2024Q4	2.8%	\$191	\$19	\$210
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	\$1,855	\$260	14.0%	\$2,114	0.0%	\$1,855	\$260	\$2,114	2026Q3	8.4%	\$2,011	\$282	\$2,293
2.0%	Project Operation:	\$371	\$52	14.0%	\$423	0.0%	\$371	\$52	\$423	2026Q3	8.4%	\$402	\$56	\$459
2.5%	Project Management	\$464	\$65	14.0%	\$529	0.0%	\$464	\$65	\$529	2026Q3	8.4%	\$503	\$70	\$573
CONTRACT COST TOTALS:		\$27,389	\$8,225		\$35,614		\$27,389	\$8,225	\$35,614			\$29,273	\$8,793	\$38,067

DRAFT

Estimated by CE-NWW-EC-X

Designed by NWW

Prepared by David Hill

Preparation Date 10/23/2023

Effective Date of Pricing 10/23/2023

Estimated Construction Time 120 Days

Designed by  
NWW  
Estimated by  
CE-NWW-EC-X  
Prepared by  
David Hill

Design Document Little Wood River Quantity Calculations  
Document Date 10/23/2023  
District Walla Walla District  
Contact David Hill  
Budget Year 2023  
UOM System Original

Direct Costs  
LaborCost  
EQCost  
MatlCost  
SubBidCost

Timeline/Currency  
Preparation Date 10/23/2023  
Escalation Date 10/23/2023  
Eff. Pricing Date 10/23/2023  
Estimated Duration 120 Day(s)  
  
Currency US dollars  
Exchange Rate 1.000000

Costbook CB22EN: 2022 MII English Cost Book

Labor : Labor Library - Seattle 2023-08-29

Labor Rates  
LaborCost1  
LaborCost2  
LaborCost3  
LaborCost4

Equipment EP22R08: MII Equipment 2022 Region 08

Region 08 - NORTHWEST, (2022)	
Sales Tax	5.35
Working Hours per Year	1,480
Labor Adjustment Factor	1.06
Cost of Money	4.88
Cost of Money Discount	25.00
Tire Recap Cost Factor	1.50
Tire Recap Wear Factor	1.80
Tire Repair Factor	0.15
Equipment Cost Factor	1.00
Standby Depreciation Factor	0.50

Fuel	
Electricity	0.102
Gas	4.620
Diesel Off-Road	4.710
Diesel On-Road	5.630

Shipping Rates	
Over 0 CWT	58.58
Over 240 CWT	42.46
Over 300 CWT	35.07
Over 400 CWT	30.48
Over 500 CWT	30.79
Over 700 CWT	26.39
Over 800 CWT	9.05

<u>Date</u>	<u>Author</u>	<u>Note</u>
12/7/2011	Nick Emigh	<p><b>PROJECT DESCRIPTION</b></p> <p>This estimate consists of costs to replace existing rock walls with new material on each side of the 0.89 mile section of open channel through Gooding Idaho. There is also a need to replace three pedestrian bridges and 5 two lane road bridges spanning the river.</p> <p><b>BASES OF DESIGN</b></p> <p>This estimate is for Little Wood River Walla Construction Report dated, October, 2023</p> <p>Prices are good for FY24.</p> <p><b>ACQUISITION PLAN</b></p> <p>The project will be acquired by the Bidding process.</p> <p>This work is assumed it will not be performed by a Contractor under the Small Business Administration 8a program.</p> <p><b>SUB-CONTRACTING PLAN</b></p> <p>It is assumed that the Prime Contractor will do the concrete and excavation and related hauling of material for the job. It is assumed that the remainder of the work will be assigned to different sub contractors that are represented as a general sub.</p> <p><b>PROJECT CONSTRUCTION</b></p> <p><u>SITE ACCESS</u></p> <p>The project site is located in the town of Gooding Idaho.</p> <p><u>BORROW AREAS</u></p> <p>The borrow sources for all material is located off site with in a radius of 20 miles.</p> <p><u>CONSTRUCTION METHODOLOGY</u></p> <p>The construction methodology is standard.</p> <p><u>UNUSUAL CONDITION</u></p> <p>Unusual conditions considerd are working in a channel that is dewaterd and dewatering of a channel.</p> <p><u>UNIQUE TECHNIQUES OF CONSTRUCTION</u></p> <p>None</p> <p><b>CONSTRUCTION WINDOWS</b></p> <p><u>SCHEDULE</u></p> <p>A two year construction schedule is assumed to accomodate seasonal impacts, scheduling of bridge closures, etc.</p>





Project Cost Summary Report		Description	Quantity	UOM	ContractCost	ProjectCost	C/O
Little Wood River					18,547,500	18,547,500	
16 Bank Stabilization			1.00	LS	18,547,500	18,547,500	
1600 Bank Stabilization			1.00	LS	18,547,500	18,547,500	
					430,315.05	430,315.05	
Alternative 3 - Utility Relocations			1.00	EA	430,315	430,315	
					430,315.05	430,315.05	
Relocations			1.00	EA	430,315	430,315	
					430,315.05	430,315.05	
Relocations			1.00	EA	430,315	430,315	
					74,192.25	74,192.25	
Water Line Relocation			3.00	EA	222,577	222,577	
					74,192.25	74,192.25	
Water Line Relocation			3.00	EA	222,577	222,577	
					51,934.58	51,934.58	
Electric Line Relocation			3.00	EA	155,804	155,804	
					51,934.58	51,934.58	
Electric Line Relocation			3.00	EA	155,804	155,804	
					51,934.58	51,934.58	
Gas Line Relocation			1.00	EA	51,935	51,935	
					51,934.58	51,934.58	
Gas Line Relocation			1.00	EA	51,935	51,935	
					12,655,696.87	12,655,696.87	
Alternative 3 - Channel Work			1.00	EA	12,655,697	12,655,697	
Precast Concrete Panels			1.00	LS	12,655,697	12,655,697	
					1,241,467.00	1,241,467.00	
Mob, Staging and Traffic Control			1.00	EA	1,241,467	1,241,467	
1 Mob and Demob			1.00	LS	550,145	550,145	
					550,145.06	550,145.06	
Mob and Demob			1.00	EA	550,145	550,145	
					63,282.48	63,282.48	
2 Staging Area			1.00	EA	63,282	63,282	
Staging area			1.00	LS	63,282	63,282	
3 SWPPP			1.00	LS	225,184	225,184	
					180,199.63	180,199.63	

Description		Quantity	UOM	ContractCost	ProjectCost	C/O
Install SWPPP		1.00	EA	180,200	180,200	
				44,984.42	44,984.42	
Remove SWPPP		1.00	EA	44,984	44,984	
				100,713.85	100,713.85	
4 Traffic Control		4.00	MO	402,855	402,855	
				402,855.41	402,855.41	
Traffic Control		1.00	EA	402,855	402,855	
				51,303.46	51,303.46	
Dewatering		1.00	EA	51,303	51,303	
5 Channel Dewatering		1.00	LS	51,303	51,303	
Install and maintain pumps		1.00	LS	38,230	38,230	
				13,073.42	13,073.42	
Remove		1.00	EA	13,073	13,073	
				2,019,653.14	2,019,653.14	
Demo and Excavation		1.00	EA	2,019,653	2,019,653	
				19,949.08	19,949.08	
6 Geotech Exploration		1.00	EA	19,949	19,949	
				332.48	332.48	
Geotech Exploration		60.00	BCY	19,949	19,949	
				1,647,528.11	1,647,528.11	
7 Existing Wall Demolition		1.00	EA	1,647,528	1,647,528	
				165.17	165.17	
Existing wall Demolition		9,975.00	BCY	1,647,528	1,647,528	
				352,175.95	352,175.95	
8 Excavation		1.00	EA	352,176	352,176	
				63.44	63.44	
Excavation		5,551.00	BCY	352,176	352,176	
				7,938,723.13	7,938,723.13	
Precast Concrete Panels		1.00	EA	7,938,723	7,938,723	
				2,611.02	2,611.02	
9 Precast Concrete Panels		1,850.00	CY	4,830,382	4,830,382	
				363,176.53	363,176.53	
Hauling Precast Concrete Panels		1.00	EA	363,177	363,177	
				1,428.23	1,428.23	
Curved Section		316.00	EA	451,321	451,321	

Description		Quantity	UOM	ContractCost	ProjectCost	C/O
Straight Section				4,769.46	4,769.46	
		842.00	EA	4,015,884	4,015,884	
10 Panel Toe				46.62	46.62	
		9,368.00	LF	436,690	436,690	
Excavation				122.55	122.55	
		1,041.00	BCY	127,574	127,574	
Concrete				309,115.92	309,115.92	
		1.00	EA	309,116	309,116	
11 Soil Nails				1,002,491.57	1,002,491.57	
		1.00	EA	1,002,492	1,002,492	
Soil Nails				1,096.82	1,096.82	
		914.00	EA	1,002,492	1,002,492	
12 Fill Material				1,669,159.93	1,669,159.93	
		1.00	EA	1,669,160	1,669,160	
Haul Fill Material				386,568.97	386,568.97	
		1.00	EA	386,569	386,569	
Fill Material				102.68	102.68	
		12,491.00	ECY	1,282,591	1,282,591	
Site Improvements				1,404,550.14	1,404,550.14	
		1.00	EA	1,404,550	1,404,550	
Railing and Sidewalk				143.65	143.65	
		9,400.00	LF	1,350,331	1,350,331	
Railing				111.60	111.60	
		9,400.00	LF	1,049,017	1,049,017	
Sidewalk				64.11	64.11	
		4,700.00	LF	301,314	301,314	
Roadways				11.54	11.54	
		4,700.00	LF	54,219	54,219	
Roadways				5.77	5.77	
		9,400.00	SF	54,219	54,219	
Alternative 3 - Bridge Work				1,092,297.58	1,092,297.58	
		5.00	EA	5,461,488	5,461,488	
G Oregon St Bridge				889,091.40	889,091.40	
		1.00	EA	889,091	889,091	
				174,520.90	174,520.90	

Description		Quantity	UOM	ContractCost	ProjectCost	C/O
Demo Existing Bridge		1.00	EA	174,521	174,521	
				389.56	389.56	
Demo Existing Bridge		448.00	SF	174,521	174,521	
				567.70	567.70	
Parapit Wall		7.11	CY	4,036	4,036	
				48.65	48.65	
Excavation		355.60	ECY	17,300	17,300	
				40.06	40.06	
Bridge Deck		448.00	SF	17,948	17,948	
				1,522.99	1,522.99	
Demo Concrete Abutments and bridge deck		49.40	CY	75,236	75,236	
				3,370.83	3,370.83	
Demo Conc Bridge Beam		17.80	CY	60,001	60,001	
				86,472.82	86,472.82	
G10 Site Preparations		1.00	EA	86,473	86,473	
				2,764.36	2,764.36	
G1020 Site Demolition & Relocations		1.00	EA	2,764	2,764	
				2,764.36	2,764.36	
G102007 SITE CLEANUP		1.00	EA	2,764	2,764	
				20,425.99	20,425.99	
G1030 Site Earthwork		1.00	EA	20,426	20,426	
				2,534.93	2,534.93	
G103001 GRADING		1.00	EA	2,535	2,535	
				1,013.31	1,013.31	
G103002 COMMON EXCAVATION		1.00	EA	1,013	1,013	
				1,838.33	1,838.33	
G103004 FILL & BORROW		1.00	EA	1,838	1,838	
				15,039.42	15,039.42	
G103005 COMPACTION		1.00	EA	15,039	15,039	
				63,282.48	63,282.48	
Staging Area		1.00	EA	63,282	63,282	
Staging area		1.00	LS	63,282	63,282	
				59,160.99	59,160.99	
G20 Site Improvements		1.00	EA	59,161	59,161	
				43,299.60	43,299.60	

Description		Quantity	UOM	ContractCost	ProjectCost	C/O
G2010 Roadways		1.00	EA	43,300	43,300	
				28,769.26	28,769.26	
G201001 BASES & SUBBASES		1.00	EA	28,769	28,769	
				14,530.34	14,530.34	
G201005 GUARDRAILS & BARRIERS		1.00	EA	14,530	14,530	
				15,861.39	15,861.39	
G2050 Landscaping		1.00	EA	15,861	15,861	
				14,579.85	14,579.85	
G205002 EROSION CONTROL MEASURES		1.00	EA	14,580	14,580	
				1,281.54	1,281.54	
G205004 SEEDING, SPRIGGING AND SODDING		1.00	EA	1,282	1,282	
				470,305.04	470,305.04	
G90 Other Site Construction		1.00	EA	470,305	470,305	
				470,305.04	470,305.04	
G9090 Other Site Construction		1.00	EA	470,305	470,305	
				470,305.04	470,305.04	
G909001 BRIDGES		1.00	EA	470,305	470,305	
				98,631.64	98,631.64	
Traffic Control		1.00	EA	98,632	98,632	
				98,631.64	98,631.64	
Traffic Control		1.00	EA	98,632	98,632	
				71.83	71.83	
Concrete Barriers		40.00	LF	2,873	2,873	
				296.77	296.77	
04 Traffic Signs		16.00	EA	4,748	4,748	
				91,010.30	91,010.30	
Flaggers		1.00	MO	91,010	91,010	
				889,091.40	889,091.40	
G Idaho St Bridge		1.00	EA	889,091	889,091	
				174,520.90	174,520.90	
Demo Existing Bridge		1.00	EA	174,521	174,521	
				389.56	389.56	
Demo Existing Bridge		448.00	SF	174,521	174,521	
				567.70	567.70	
Parapit Wall		7.11	CY	4,036	4,036	

Description	Quantity	UOM	ContractCost	ProjectCost	C/O
Excavation	355.60	ECY	17,300	17,300	
Bridge Deck	448.00	SF	17,948	17,948	
Demo Concrete Abutments and bridge deck	49.40	CY	75,236	75,236	
Demo Conc Bridge Beam	17.80	CY	60,001	60,001	
G10 Site Preparations	1.00	EA	86,473	86,473	
G1020 Site Demolition & Relocations	1.00	EA	2,764	2,764	
G102007 SITE CLEANUP	1.00	EA	2,764	2,764	
G1030 Site Earthwork	1.00	EA	20,426	20,426	
G103001 GRADING	1.00	EA	2,535	2,535	
G103002 COMMON EXCAVATION	1.00	EA	1,013	1,013	
G103004 FILL & BORROW	1.00	EA	1,838	1,838	
G103005 COMPACTION	1.00	EA	15,039	15,039	
Staging Area	1.00	EA	63,282	63,282	
Staging area	1.00	LS	63,282	63,282	
G20 Site Improvements	1.00	EA	59,161	59,161	
G2010 Roadways	1.00	EA	43,300	43,300	
G201001 BASES & SUBBASES	1.00	EA	28,769	28,769	
G201005 GUARDRAILS & BARRIERS	1.00	EA	14,530	14,530	



Description	Quantity	UOM	ContractCost	ProjectCost	C/O
G2050 Landscaping	1.00	EA	15,861.39	15,861.39	
			15,861	15,861	
G205002 EROSION CONTROL MEASURES	1.00	EA	14,579.85	14,579.85	
			14,580	14,580	
G205004 SEEDING, SPRIGGING AND SODDING	1.00	EA	1,281.54	1,281.54	
			1,282	1,282	
G90 Other Site Construction	1.00	EA	470,305.04	470,305.04	
			470,305	470,305	
G9090 Other Site Construction	1.00	EA	470,305.04	470,305.04	
			470,305	470,305	
G909001 BRIDGES	1.00	EA	470,305.04	470,305.04	
			470,305	470,305	
Traffic Control	1.00	EA	98,631.64	98,631.64	
			98,632	98,632	
Traffic Control	1.00	EA	98,631.64	98,631.64	
			98,632	98,632	
Flaggers	1.00	MO	91,010.30	91,010.30	
			91,010	91,010	
Concrete Barriers	40.00	LF	71.83	71.83	
			2,873	2,873	
04 Traffic Signs	16.00	EA	296.77	296.77	
			4,748	4,748	
G Wyoming St Bridge	1.00	EA	889,091.40	889,091.40	
			889,091	889,091	
Demo Existing Bridge	1.00	EA	174,520.90	174,520.90	
			174,521	174,521	
Demo Existing Bridge	448.00	SF	389.56	389.56	
			174,521	174,521	
Parapit Wall	7.11	CY	567.70	567.70	
			4,036	4,036	
Excavation	355.60	ECY	48.65	48.65	
			17,300	17,300	
Bridge Deck	448.00	SF	40.06	40.06	
			17,948	17,948	
			1,522.99	1,522.99	

Description		Quantity	UOM	ContractCost	ProjectCost	C/O
Demo Concrete Abutments and bridge deck		49.40	CY	75,236	75,236	
				3,370.83	3,370.83	
Demo Conc Bridge Beam		17.80	CY	60,001	60,001	
				86,472.82	86,472.82	
G10 Site Preparations		1.00	EA	86,473	86,473	
				2,764.36	2,764.36	
G1020 Site Demolition & Relocations		1.00	EA	2,764	2,764	
				2,764.36	2,764.36	
G102007 SITE CLEANUP		1.00	EA	2,764	2,764	
				20,425.99	20,425.99	
G1030 Site Earthwork		1.00	EA	20,426	20,426	
				2,534.93	2,534.93	
G103001 GRADING		1.00	EA	2,535	2,535	
				1,013.31	1,013.31	
G103002 COMMON EXCAVATION		1.00	EA	1,013	1,013	
				1,838.33	1,838.33	
G103004 FILL & BORROW		1.00	EA	1,838	1,838	
				15,039.42	15,039.42	
G103005 COMPACTION		1.00	EA	15,039	15,039	
				63,282.48	63,282.48	
Staging Area		1.00	EA	63,282	63,282	
Staging area		1.00	LS	63,282	63,282	
				59,160.99	59,160.99	
G20 Site Improvements		1.00	EA	59,161	59,161	
				43,299.60	43,299.60	
G2010 Roadways		1.00	EA	43,300	43,300	
				28,769.26	28,769.26	
G201001 BASES & SUBBASES		1.00	EA	28,769	28,769	
				14,530.34	14,530.34	
G201005 GUARDRAILS & BARRIERS		1.00	EA	14,530	14,530	
				15,861.39	15,861.39	
G2050 Landscaping		1.00	EA	15,861	15,861	
				14,579.85	14,579.85	
G205002 EROSION CONTROL MEASURES		1.00	EA	14,580	14,580	
				1,281.54	1,281.54	

Description		Quantity	UOM	ContractCost	ProjectCost	C/O
G205004 SEEDING, SPRIGGING AND SODDING		1.00	EA	1,282	1,282	
				470,305.04	470,305.04	
G90 Other Site Construction		1.00	EA	470,305	470,305	
				470,305.04	470,305.04	
G9090 Other Site Construction		1.00	EA	470,305	470,305	
				470,305.04	470,305.04	
G909001 BRIDGES		1.00	EA	470,305	470,305	
				98,631.64	98,631.64	
Traffic Control		1.00	EA	98,632	98,632	
				98,631.64	98,631.64	
Traffic Control		1.00	EA	98,632	98,632	
				91,010.30	91,010.30	
Flaggers		1.00	MO	91,010	91,010	
				71.83	71.83	
Concrete Barriers		40.00	LF	2,873	2,873	
				296.77	296.77	
04 Traffic Signs		16.00	EA	4,748	4,748	
				889,091.40	889,091.40	
G Nevada St Bridge		1.00	EA	889,091	889,091	
				174,520.90	174,520.90	
Demo Existing Bridge		1.00	EA	174,521	174,521	
				389.56	389.56	
Demo Existing Bridge		448.00	SF	174,521	174,521	
				567.70	567.70	
Parapit Wall		7.11	CY	4,036	4,036	
				48.65	48.65	
Excavation		355.60	ECY	17,300	17,300	
				40.06	40.06	
Bridge Deck		448.00	SF	17,948	17,948	
				1,522.99	1,522.99	
Demo Concrete Abutments and bridge deck		49.40	CY	75,236	75,236	
				3,370.83	3,370.83	
Demo Conc Bridge Beam		17.80	CY	60,001	60,001	
				86,472.82	86,472.82	
G10 Site Preparations		1.00	EA	86,473	86,473	

Description		Quantity	UOM	ContractCost	ProjectCost	C/O
G1020 Site Demolition & Relocations				2,764.36	2,764.36	
		1.00	EA	2,764	2,764	
G102007 SITE CLEANUP				2,764.36	2,764.36	
		1.00	EA	2,764	2,764	
G1030 Site Earthwork				20,425.99	20,425.99	
		1.00	EA	20,426	20,426	
G103001 GRADING				2,534.93	2,534.93	
		1.00	EA	2,535	2,535	
G103002 COMMON EXCAVATION				1,013.31	1,013.31	
		1.00	EA	1,013	1,013	
G103004 FILL & BORROW				1,838.33	1,838.33	
		1.00	EA	1,838	1,838	
G103005 COMPACTION				15,039.42	15,039.42	
		1.00	EA	15,039	15,039	
Staging Area				63,282.48	63,282.48	
		1.00	EA	63,282	63,282	
Staging area						
		1.00	LS	63,282	63,282	
G20 Site Improvements				59,160.99	59,160.99	
		1.00	EA	59,161	59,161	
G2010 Roadways				43,299.60	43,299.60	
		1.00	EA	43,300	43,300	
G201001 BASES & SUBBASES				28,769.26	28,769.26	
		1.00	EA	28,769	28,769	
G201005 GUARDRAILS & BARRIERS				14,530.34	14,530.34	
		1.00	EA	14,530	14,530	
G2050 Landscaping				15,861.39	15,861.39	
		1.00	EA	15,861	15,861	
G205002 EROSION CONTROL MEASURES				14,579.85	14,579.85	
		1.00	EA	14,580	14,580	
G205004 SEEDING, SPRIGGING AND SODDING				1,281.54	1,281.54	
		1.00	EA	1,282	1,282	
G90 Other Site Construction				470,305.04	470,305.04	
		1.00	EA	470,305	470,305	
G9090 Other Site Construction				470,305.04	470,305.04	
		1.00	EA	470,305	470,305	

Description	Quantity	UOM	ContractCost	ProjectCost	C/O
G909001 BRIDGES			470,305.04	470,305.04	
	1.00	EA	470,305	470,305	
Traffic Control			98,631.64	98,631.64	
	1.00	EA	98,632	98,632	
Traffic Control			98,631.64	98,631.64	
	1.00	EA	98,632	98,632	
Flaggers			91,010.30	91,010.30	
	1.00	MO	91,010	91,010	
Concrete Barriers			71.83	71.83	
	40.00	LF	2,873	2,873	
04 Traffic Signs			296.77	296.77	
	16.00	EA	4,748	4,748	
G Montana St Bridge			889,091.40	889,091.40	
	1.00	EA	889,091	889,091	
Demo Existing Bridge			174,520.90	174,520.90	
	1.00	EA	174,521	174,521	
Demo Existing Bridge			389.56	389.56	
	448.00	SF	174,521	174,521	
Parapit Wall			567.70	567.70	
	7.11	CY	4,036	4,036	
Excavation			48.65	48.65	
	355.60	ECY	17,300	17,300	
Bridge Deck			40.06	40.06	
	448.00	SF	17,948	17,948	
Demo Concrete Abutments and bridge deck			1,522.99	1,522.99	
	49.40	CY	75,236	75,236	
Demo Conc Bridge Beam			3,370.83	3,370.83	
	17.80	CY	60,001	60,001	
G10 Site Preparations			86,472.82	86,472.82	
	1.00	EA	86,473	86,473	
G1020 Site Demolition & Relocations			2,764.36	2,764.36	
	1.00	EA	2,764	2,764	
G102007 SITE CLEANUP			2,764.36	2,764.36	
	1.00	EA	2,764	2,764	
			20,425.99	20,425.99	

Description		Quantity	UOM	ContractCost	ProjectCost	C/O
G1030 Site Earthwork		1.00	EA	20,426	20,426	
				2,534.93	2,534.93	
G103001 GRADING		1.00	EA	2,535	2,535	
				1,013.31	1,013.31	
G103002 COMMON EXCAVATION		1.00	EA	1,013	1,013	
				1,838.33	1,838.33	
G103004 FILL & BORROW		1.00	EA	1,838	1,838	
				15,039.42	15,039.42	
G103005 COMPACTION		1.00	EA	15,039	15,039	
				63,282.48	63,282.48	
Staging Area		1.00	EA	63,282	63,282	
Staging area		1.00	LS	63,282	63,282	
				59,160.99	59,160.99	
G20 Site Improvements		1.00	EA	59,161	59,161	
				43,299.60	43,299.60	
G2010 Roadways		1.00	EA	43,300	43,300	
				28,769.26	28,769.26	
G201001 BASES & SUBBASES		1.00	EA	28,769	28,769	
				14,530.34	14,530.34	
G201005 GUARDRAILS & BARRIERS		1.00	EA	14,530	14,530	
				15,861.39	15,861.39	
G2050 Landscaping		1.00	EA	15,861	15,861	
				14,579.85	14,579.85	
G205002 EROSION CONTROL MEASURES		1.00	EA	14,580	14,580	
				1,281.54	1,281.54	
G205004 SEEDING, SPRIGGING AND SODDING		1.00	EA	1,282	1,282	
				470,305.04	470,305.04	
G90 Other Site Construction		1.00	EA	470,305	470,305	
				470,305.04	470,305.04	
G9090 Other Site Construction		1.00	EA	470,305	470,305	
				470,305.04	470,305.04	
G909001 BRIDGES		1.00	EA	470,305	470,305	
				98,631.64	98,631.64	
Traffic Control		1.00	EA	98,632	98,632	
				98,631.64	98,631.64	



Description		Quantity	UOM	ContractCost	ProjectCost	C/O
Traffic Control		1.00	EA	98,632	98,632	
				91,010.30	91,010.30	
Flaggers		1.00	MO	91,010	91,010	
				71.83	71.83	
Concrete Barriers		40.00	LF	2,873	2,873	
				296.77	296.77	
04 Traffic Signs		16.00	EA	4,748	4,748	
				338,676.97	338,676.97	
G Pedestrian Bridge 1		1.00	EA	338,677	338,677	
				20,346.18	20,346.18	
Demo Existing Bridge		1.00	EA	20,346	20,346	
				42.39	42.39	
Demo Existing		480.00	SF	20,346	20,346	
				20,346.18	20,346.18	
Bridge Demo		1.00	EA	20,346	20,346	
				69,193.91	69,193.91	
G10 Site Preparations		1.00	EA	69,194	69,194	
				1,494.25	1,494.25	
G1020 Site Demolition & Relocations		1.00	EA	1,494	1,494	
				1,494.25	1,494.25	
G102007 SITE CLEANUP		1.00	EA	1,494	1,494	
				4,417.19	4,417.19	
G1030 Site Earthwork		1.00	EA	4,417	4,417	
				520.27	520.27	
G103001 GRADING		1.00	EA	520	520	
				204.48	204.48	
G103002 COMMON EXCAVATION		1.00	EA	204	204	
				386.75	386.75	
G103004 FILL & BORROW		1.00	EA	387	387	
				3,305.68	3,305.68	
G103005 COMPACTION		1.00	EA	3,306	3,306	
				63,282.48	63,282.48	
Staging Area		1.00	EA	63,282	63,282	
Staging area		1.00	LS	63,282	63,282	
				36,756.61	36,756.61	

Description		Quantity	UOM	ContractCost	ProjectCost	C/O
G20 Site Improvements		1.00	EA	36,757	36,757	
				20,895.22	20,895.22	
G2010 Roadways		1.00	EA	20,895	20,895	
				6,364.88	6,364.88	
G201001 BASES & SUBBASES		1.00	EA	6,365	6,365	
				14,530.34	14,530.34	
G201005 GUARDRAILS & BARRIERS		1.00	EA	14,530	14,530	
				15,861.39	15,861.39	
G2050 Landscaping		1.00	EA	15,861	15,861	
				14,579.85	14,579.85	
G205002 EROSION CONTROL MEASURES		1.00	EA	14,580	14,580	
				1,281.54	1,281.54	
G205004 SEEDING, SPRIGGING AND SODDING		1.00	EA	1,282	1,282	
				113,748.62	113,748.62	
G90 Other Site Construction		1.00	EA	113,749	113,749	
				113,748.62	113,748.62	
G9090 Other Site Construction		1.00	EA	113,749	113,749	
				113,748.62	113,748.62	
G909001 BRIDGES		1.00	EA	113,749	113,749	
				98,631.64	98,631.64	
Traffic Control		1.00	EA	98,632	98,632	
				98,631.64	98,631.64	
Traffic Control		1.00	EA	98,632	98,632	
				91,010.30	91,010.30	
Flaggers		1.00	MO	91,010	91,010	
				71.83	71.83	
Concrete Barriers		40.00	LF	2,873	2,873	
				296.77	296.77	
04 Traffic Signs		16.00	EA	4,748	4,748	
				338,676.97	338,676.97	
G Pedestrian Bridge 2		1.00	EA	338,677	338,677	
				20,346.18	20,346.18	
Demo Existing Bridge		1.00	EA	20,346	20,346	
				42.39	42.39	
Demo Existing		480.00	SF	20,346	20,346	

Description		Quantity	UOM	ContractCost	ProjectCost	C/O
Bridge Demo		1.00	EA	20,346.18	20,346.18	
G10 Site Preparations		1.00	EA	69,193.91	69,193.91	
G1020 Site Demolition & Relocations		1.00	EA	1,494.25	1,494.25	
G102007 SITE CLEANUP		1.00	EA	1,494.25	1,494.25	
G1030 Site Earthwork		1.00	EA	4,417.19	4,417.19	
G103001 GRADING		1.00	EA	520.27	520.27	
G103002 COMMON EXCAVATION		1.00	EA	204.48	204.48	
G103004 FILL & BORROW		1.00	EA	386.75	386.75	
G103005 COMPACTION		1.00	EA	3,305.68	3,305.68	
Staging Area		1.00	EA	63,282.48	63,282.48	
Staging area		1.00	LS	63,282	63,282	
G20 Site Improvements		1.00	EA	36,756.61	36,756.61	
G2010 Roadways		1.00	EA	20,895.22	20,895.22	
G201001 BASES & SUBBASES		1.00	EA	6,364.88	6,364.88	
G201005 GUARDRAILS & BARRIERS		1.00	EA	14,530.34	14,530.34	
G2050 Landscaping		1.00	EA	15,861.39	15,861.39	
G205002 EROSION CONTROL MEASURES		1.00	EA	14,579.85	14,579.85	
G205004 SEEDING, SPRIGGING AND SODDING		1.00	EA	1,281.54	1,281.54	

Description		Quantity	UOM	ContractCost	ProjectCost	C/O
G90 Other Site Construction				113,748.62	113,748.62	
		1.00	EA	113,749	113,749	
G9090 Other Site Construction				113,748.62	113,748.62	
		1.00	EA	113,749	113,749	
G909001 BRIDGES				113,748.62	113,748.62	
		1.00	EA	113,749	113,749	
Traffic Control				98,631.64	98,631.64	
		1.00	EA	98,632	98,632	
Traffic Control				98,631.64	98,631.64	
		1.00	EA	98,632	98,632	
Flaggers				91,010.30	91,010.30	
		1.00	MO	91,010	91,010	
Concrete Barriers				71.83	71.83	
		40.00	LF	2,873	2,873	
04 Traffic Signs				296.77	296.77	
		16.00	EA	4,748	4,748	
G Pedestrian Bridge 3				338,676.97	338,676.97	
		1.00	EA	338,677	338,677	
Demo Existing Bridge				20,346.18	20,346.18	
		1.00	EA	20,346	20,346	
Demo Existing				42.39	42.39	
		480.00	SF	20,346	20,346	
Bridge Demo				20,346.18	20,346.18	
		1.00	EA	20,346	20,346	
G10 Site Preparations				69,193.91	69,193.91	
		1.00	EA	69,194	69,194	
G1020 Site Demolition & Relocations				1,494.25	1,494.25	
		1.00	EA	1,494	1,494	
G102007 SITE CLEANUP				1,494.25	1,494.25	
		1.00	EA	1,494	1,494	
G1030 Site Earthwork				4,417.19	4,417.19	
		1.00	EA	4,417	4,417	
G103001 GRADING				520.27	520.27	
		1.00	EA	520	520	
				204.48	204.48	

Description		Quantity	UOM	ContractCost	ProjectCost	C/O
G103002 COMMON EXCAVATION		1.00	EA	204	204	
				386.75	386.75	
G103004 FILL & BORROW		1.00	EA	387	387	
				3,305.68	3,305.68	
G103005 COMPACTION		1.00	EA	3,306	3,306	
				63,282.48	63,282.48	
Staging Area		1.00	EA	63,282	63,282	
Staging area		1.00	LS	63,282	63,282	
				36,756.61	36,756.61	
G20 Site Improvements		1.00	EA	36,757	36,757	
				20,895.22	20,895.22	
G2010 Roadways		1.00	EA	20,895	20,895	
				6,364.88	6,364.88	
G201001 BASES & SUBBASES		1.00	EA	6,365	6,365	
				14,530.34	14,530.34	
G201005 GUARDRAILS & BARRIERS		1.00	EA	14,530	14,530	
				15,861.39	15,861.39	
G2050 Landscaping		1.00	EA	15,861	15,861	
				14,579.85	14,579.85	
G205002 EROSION CONTROL MEASURES		1.00	EA	14,580	14,580	
				1,281.54	1,281.54	
G205004 SEEDING, SPRIGGING AND SODDING		1.00	EA	1,282	1,282	
				113,748.62	113,748.62	
G90 Other Site Construction		1.00	EA	113,749	113,749	
				113,748.62	113,748.62	
G9090 Other Site Construction		1.00	EA	113,749	113,749	
				113,748.62	113,748.62	
G909001 BRIDGES		1.00	EA	113,749	113,749	
				98,631.64	98,631.64	
Traffic Control		1.00	EA	98,632	98,632	
				98,631.64	98,631.64	
Traffic Control		1.00	EA	98,632	98,632	
				91,010.30	91,010.30	
Flaggers		1.00	MO	91,010	91,010	
				71.83	71.83	

		Description	Quantity	UOM	ContractCost	ProjectCost	C/O
Concrete Barriers			40.00	LF	2,873	2,873	
					296.77	296.77	
04 Traffic Signs			16.00	EA	4,748	4,748	

DRAFT

Contract Cost Summary Report		Description	Quantity	UOM	Contractor	DirectCost	SubCMU	CostToPrime	PrimeCMU	ContractCost	C/O
Little Wood River			1.00	LS	Prime Contractor	12,169,742	355,984	12,525,726	6,021,774	18,547,500	
16 Bank Stabilization			1.00	LS	Prime Contractor	12,169,742	355,984	12,525,726	6,021,774	18,547,500	
1600 Bank Stabilization			1.00	LS	Prime Contractor	12,169,742	355,984	12,525,726	6,021,774	18,547,500	
						290,000.00		290,000.00		430,315.05	
Alternative 3 - Utility Relocations			1.00	EA	Prime Contractor	290,000	0	290,000	140,315	430,315	
						290,000.00		290,000.00		430,315.05	
Relocations			1.00	EA	Prime Contractor	290,000	0	290,000	140,315	430,315	
						290,000.00		290,000.00		430,315.05	
Relocations			1.00	EA	Prime Contractor	290,000	0	290,000	140,315	430,315	
						50,000.00		50,000.00		74,192.25	
Water Line Relocation			3.00	EA	Prime Contractor	150,000	0	150,000	72,577	222,577	
						50,000.00		50,000.00		74,192.25	
Water Line Relocation			3.00	EA	Prime Contractor	150,000	0	150,000	72,577	222,577	
						35,000.00		35,000.00		51,934.58	
Electric Line Relocation			3.00	EA	Prime Contractor	105,000	0	105,000	50,804	155,804	
						35,000.00		35,000.00		51,934.58	
Electric Line Relocation			3.00	EA	Prime Contractor	105,000	0	105,000	50,804	155,804	
						35,000.00		35,000.00		51,934.58	
Gas Line Relocation			1.00	EA	Prime Contractor	35,000	0	35,000	16,935	51,935	
						35,000.00		35,000.00		51,934.58	
Gas Line Relocation			1.00	EA	Prime Contractor	35,000	0	35,000	16,935	51,935	
						8,264,316.58		8,549,819.91		12,655,696.87	
Alternative 3 - Channel Work			1.00	EA	Prime Contractor	8,264,317	285,503	8,549,820	4,105,877	12,655,697	
Precast Concrete Panels			1.00	LS	Prime Contractor	8,264,317	285,503	8,549,820	4,105,877	12,655,697	
						806,361.42		838,549.14		1,241,467.00	
Mob, Staging and Traffic Control			1.00	EA	Prime Contractor	806,361	32,188	838,549	402,918	1,241,467	
1 Mob and Demob			1.00	LS	Prime Contractor	370,756	0	370,756	179,389	550,145	
						370,756.42		370,756.42		550,145.06	
Mob and Demob			1.00	EA	Prime Contractor	370,756	0	370,756	179,389	550,145	
						42,647.63		42,647.63		63,282.48	
2 Staging Area			1.00	EA	Prime Contractor	42,648	0	42,648	20,635	63,282	
Staging area			1.00	LS	Prime Contractor	42,648	0	42,648	20,635	63,282	
3 SWPPP			1.00	LS	Enviro Sub	121,463	32,188	153,651	71,533	225,184	
						97,198.74		122,956.40		180,199.63	

Description	Quantity	UOM	Contractor	DirectCost	SubCMU	CostToPrime	PrimeCMU	ContractCost	C/O
Install SWPPP	1.00	EA	Enviro Sub	97,199	25,758	122,956	57,243	180,200	
				24,264.36		30,694.41		44,984.42	
Remove SWPPP	1.00	EA	Enviro Sub	24,264	6,430	30,694	14,290	44,984	
				67,873.57		67,873.57		100,713.85	
4 Traffic Control	4.00	MO	Prime Contractor	271,494	0	271,494	131,361	402,855	
				271,494.27		271,494.27		402,855.41	
Traffic Control	1.00	EA	Prime Contractor	271,494	0	271,494	131,361	402,855	
				34,574.68		34,574.68		51,303.46	
Dewatering	1.00	EA	Prime Contractor	34,575	0	34,575	16,729	51,303	
5 Channel Dewatering	1.00	LS	Prime Contractor	34,575	0	34,575	16,729	51,303	
Install and maintain pumps	1.00	LS	Prime Contractor	25,764	0	25,764	12,466	38,230	
				8,810.50		8,810.50		13,073.42	
Remove	1.00	EA	Prime Contractor	8,811	0	8,811	4,263	13,073	
				1,361,372.30		1,364,223.81		2,019,653.14	
Demo and Excavation	1.00	EA	Prime Contractor	1,361,372	2,852	1,364,224	655,429	2,019,653	
				10,760.43		13,611.94		19,949.08	
6 Geotech Exploration	1.00	EA	Geotech AE Sub	10,760	2,852	13,612	6,337	19,949	
				179.34		226.87		332.48	
Geotech Exploration	60.00	BCY	Geotech AE Sub	10,760	2,852	13,612	6,337	19,949	
				1,110,310.11		1,110,310.11		1,647,528.11	
7 Existing Wall Demolition	1.00	EA	Prime Contractor	1,110,310	0	1,110,310	537,218	1,647,528	
				111.31		111.31		165.17	
Existing wall Demolition	9,975.00	BCY	Prime Contractor	1,110,310	0	1,110,310	537,218	1,647,528	
				240,301.76		240,301.76		352,175.95	
8 Excavation	1.00	EA	Excavation Sub	240,302	0	240,302	111,874	352,176	
				43.29		43.29		63.44	
Excavation	5,551.00	BCY	Excavation Sub	240,302	0	240,302	111,874	352,176	
				5,115,446.96		5,365,911.05		7,938,723.13	
Precast Concrete Panels	1.00	EA	Prime Contractor	5,115,447	250,464	5,365,911	2,572,812	7,938,723	
				1,733.22		1,761.28		2,611.02	
9 Precast Concrete Panels	1,850.00	CY	Prime Contractor	3,206,456	51,912	3,258,368	1,572,013	4,830,382	
				195,895.52		247,807.84		363,176.53	
Hauling Precast Concrete Panels	1.00	EA	Hauling Sub	195,896	51,912	247,808	115,369	363,177	
				962.52		962.52		1,428.23	
Curved Section	316.00	EA	Prime Contractor	304,157	0	304,157	147,165	451,321	



Description	Quantity	UOM	Contractor	DirectCost	SubCMU	CostToPrime	PrimeCMU	ContractCost	C/O
				3,214.26		3,214.26		4,769.46	
Straight Section	842.00	EA	Prime Contractor	2,706,404	0	2,706,404	1,309,480	4,015,884	
				31.53		31.53		46.62	
10 Panel Toe	9,368.00	LF	Prime Contractor	295,369	0	295,369	141,321	436,690	
				83.62		83.62		122.55	
Excavation	1,041.00	BCY	Excavation Sub	87,048	0	87,048	40,526	127,574	
				208,320.90		208,320.90		309,115.92	
Concrete	1.00	EA	Prime Contractor	208,321	0	208,321	100,795	309,116	
				540,738.71		684,034.47		1,002,491.57	
11 Soil Nails	1.00	EA	Soil Nailing Sub	540,739	143,296	684,034	318,457	1,002,492	
				591.62		748.40		1,096.82	
Soil Nails	914.00	EA	Soil Nailing Sub	540,739	143,296	684,034	318,457	1,002,492	
				1,072,883.18		1,128,139.20		1,669,159.93	
12 Fill Material	1.00	EA	Prime Contractor	1,072,883	55,256	1,128,139	541,021	1,669,160	
				208,513.28		263,769.30		386,568.97	
Haul Fill Material	1.00	EA	Hauling Sub	208,513	55,256	263,769	122,800	386,569	
				69.20		69.20		102.68	
Fill Material	12,491.00	ECY	Prime Contractor	864,370	0	864,370	418,221	1,282,591	
				946,561.23		946,561.23		1,404,550.14	
Site Improvements	1.00	EA	Prime Contractor	946,561	0	946,561	457,989	1,404,550	
				96.81		96.81		143.65	
Railing and Sidewalk	9,400.00	LF	Prime Contractor	910,022	0	910,022	440,309	1,350,331	
				75.21		75.21		111.60	
Railing	9,400.00	LF	Prime Contractor	706,958	0	706,958	342,058	1,049,017	
				43.20		43.20		64.11	
Sidewalk	4,700.00	LF	Prime Contractor	203,063	0	203,063	98,251	301,314	
				7.77		7.77		11.54	
Roadways	4,700.00	LF	Prime Contractor	36,540	0	36,540	17,680	54,219	
				3.89		3.89		5.77	
Roadways	9,400.00	SF	Prime Contractor	36,540	0	36,540	17,680	54,219	
				723,085.12		737,181.28		1,092,297.58	
Alternative 3 - Bridge Work	5.00	EA	Prime Contractor	3,615,426	70,481	3,685,906	1,775,581	5,461,488	
				589,927.98		599,975.08		889,091.40	
G Oregon St Bridge	1.00	EA	Prime Contractor	589,928	10,047	599,975	289,116	889,091	
				112,922.07		117,940.66		174,520.90	

Description	Quantity	UOM	Contractor	DirectCost	SubCMU	CostToPrime	PrimeCMU	ContractCost	C/O
Demo Existing Bridge	1.00	EA	Prime Contractor	112,922	5,019	117,941	56,580	174,521	
				252.06		263.26		389.56	
Demo Existing Bridge	448.00	SF	Prime Contractor	112,922	5,019	117,941	56,580	174,521	
				357.66		384.14		567.70	
Parapit Wall	7.11	CY	Prime Contractor	2,543	188	2,731	1,305	4,036	
				27.74		33.20		48.65	
Excavation	355.60	ECY	Excavation Sub	9,866	1,939	11,804	5,496	17,300	
				24.68		27.14		40.06	
Bridge Deck	448.00	SF	Prime Contractor	11,059	1,102	12,160	5,788	17,948	
				1,001.26		1,027.95		1,522.99	
Demo Concrete Abutments and bridge deck	49.40	CY	Prime Contractor	49,462	1,318	50,781	24,455	75,236	
				2,246.76		2,273.24		3,370.83	
Demo Conc Bridge Beam	17.80	CY	Prime Contractor	39,992	471	40,464	19,537	60,001	
				58,447.96		58,447.96		86,472.82	
G10 Site Preparations	1.00	EA	Prime Contractor	58,448	0	58,448	28,025	86,473	
				1,862.97		1,862.97		2,764.36	
G1020 Site Demolition & Relocations	1.00	EA	Prime Contractor	1,863	0	1,863	901	2,764	
				1,862.97		1,862.97		2,764.36	
G102007 SITE CLEANUP	1.00	EA	Prime Contractor	1,863	0	1,863	901	2,764	
				13,937.35		13,937.35		20,425.99	
G1030 Site Earthwork	1.00	EA	Excavation Sub	13,937	0	13,937	6,489	20,426	
				1,729.67		1,729.67		2,534.93	
G103001 GRADING	1.00	EA	Excavation Sub	1,730	0	1,730	805	2,535	
				691.42		691.42		1,013.31	
G103002 COMMON EXCAVATION	1.00	EA	Excavation Sub	691	0	691	322	1,013	
				1,254.35		1,254.35		1,838.33	
G103004 FILL & BORROW	1.00	EA	Excavation Sub	1,254	0	1,254	584	1,838	
				10,261.91		10,261.91		15,039.42	
G103005 COMPACTION	1.00	EA	Excavation Sub	10,262	0	10,262	4,778	15,039	
				42,647.63		42,647.63		63,282.48	
Staging Area	1.00	EA	Prime Contractor	42,648	0	42,648	20,635	63,282	
Staging area	1.00	LS	Prime Contractor	42,648	0	42,648	20,635	63,282	
				37,736.23		40,003.45		59,160.99	
G20 Site Improvements	1.00	EA	Prime Contractor	37,736	2,267	40,003	19,158	59,161	
				29,180.67		29,180.67		43,299.60	

Description	Quantity	UOM	Contractor	DirectCost	SubCMU	CostToPrime	PrimeCMU	ContractCost	C/O
G2010 Roadways	1.00	EA	Prime Contractor	29,181	0	29,181	14,119	43,300	
				19,388.32		19,388.32		28,769.26	
G201001 BASES & SUBBASES	1.00	EA	Prime Contractor	19,388	0	19,388	9,381	28,769	
				9,792.35		9,792.35		14,530.34	
G201005 GUARDRAILS & BARRIERS	1.00	EA	Prime Contractor	9,792	0	9,792	4,738	14,530	
				8,555.55		10,822.77		15,861.39	
G2050 Landscaping	1.00	EA	Enviro Sub	8,556	2,267	10,823	5,039	15,861	
				7,864.29		9,948.33		14,579.85	
G205002 EROSION CONTROL MEASURES	1.00	EA	Enviro Sub	7,864	2,084	9,948	4,632	14,580	
				691.26		874.44		1,281.54	
G205004 SEEDING, SPRIGGING AND SODDING	1.00	EA	Enviro Sub	691	183	874	407	1,282	
				314,351.41		317,112.70		470,305.04	
G90 Other Site Construction	1.00	EA	Prime Contractor	314,351	2,761	317,113	153,192	470,305	
				314,351.41		317,112.70		470,305.04	
G9090 Other Site Construction	1.00	EA	Prime Contractor	314,351	2,761	317,113	153,192	470,305	
				314,351.41		317,112.70		470,305.04	
G909001 BRIDGES	1.00	EA	Prime Contractor	314,351	2,761	317,113	153,192	470,305	
				66,470.31		66,470.31		98,631.64	
Traffic Control	1.00	EA	Prime Contractor	66,470	0	66,470	32,161	98,632	
				66,470.31		66,470.31		98,631.64	
Traffic Control	1.00	EA	Prime Contractor	66,470	0	66,470	32,161	98,632	
				48.41		48.41		71.83	
Concrete Barriers	40.00	LF	Prime Contractor	1,936	0	1,936	937	2,873	
				200.00		200.00		296.77	
04 Traffic Signs	16.00	EA	Prime Contractor	3,200	0	3,200	1,548	4,748	
				61,334.10		61,334.10		91,010.30	
Flaggers	1.00	MO	Prime Contractor	61,334	0	61,334	29,676	91,010	
				589,927.98		599,975.08		889,091.40	
G Idaho St Bridge	1.00	EA	Prime Contractor	589,928	10,047	599,975	289,116	889,091	
				112,922.07		117,940.66		174,520.90	
Demo Existing Bridge	1.00	EA	Prime Contractor	112,922	5,019	117,941	56,580	174,521	
				252.06		263.26		389.56	
Demo Existing Bridge	448.00	SF	Prime Contractor	112,922	5,019	117,941	56,580	174,521	
				357.66		384.14		567.70	
Parapit Wall	7.11	CY	Prime Contractor	2,543	188	2,731	1,305	4,036	

Description	Quantity	UOM	Contractor	DirectCost	SubCMU	CostToPrime	PrimeCMU	ContractCost	C/O
				27.74		33.20		48.65	
Excavation	355.60	ECY	Excavation Sub	9,866	1,939	11,804	5,496	17,300	
				24.68		27.14		40.06	
Bridge Deck	448.00	SF	Prime Contractor	11,059	1,102	12,160	5,788	17,948	
				1,001.26		1,027.95		1,522.99	
Demo Concrete Abutments and bridge deck	49.40	CY	Prime Contractor	49,462	1,318	50,781	24,455	75,236	
				2,246.76		2,273.24		3,370.83	
Demo Conc Bridge Beam	17.80	CY	Prime Contractor	39,992	471	40,464	19,537	60,001	
				58,447.96		58,447.96		86,472.82	
G10 Site Preparations	1.00	EA	Prime Contractor	58,448	0	58,448	28,025	86,473	
				1,862.97		1,862.97		2,764.36	
G1020 Site Demolition & Relocations	1.00	EA	Prime Contractor	1,863	0	1,863	901	2,764	
				1,862.97		1,862.97		2,764.36	
G102007 SITE CLEANUP	1.00	EA	Prime Contractor	1,863	0	1,863	901	2,764	
				13,937.35		13,937.35		20,425.99	
G1030 Site Earthwork	1.00	EA	Excavation Sub	13,937	0	13,937	6,489	20,426	
				1,729.67		1,729.67		2,534.93	
G103001 GRADING	1.00	EA	Excavation Sub	1,730	0	1,730	805	2,535	
				691.42		691.42		1,013.31	
G103002 COMMON EXCAVATION	1.00	EA	Excavation Sub	691	0	691	322	1,013	
				1,254.35		1,254.35		1,838.33	
G103004 FILL & BORROW	1.00	EA	Excavation Sub	1,254	0	1,254	584	1,838	
				10,261.91		10,261.91		15,039.42	
G103005 COMPACTION	1.00	EA	Excavation Sub	10,262	0	10,262	4,778	15,039	
				42,647.63		42,647.63		63,282.48	
Staging Area	1.00	EA	Prime Contractor	42,648	0	42,648	20,635	63,282	
Staging area	1.00	LS	Prime Contractor	42,648	0	42,648	20,635	63,282	
				37,736.23		40,003.45		59,160.99	
G20 Site Improvements	1.00	EA	Prime Contractor	37,736	2,267	40,003	19,158	59,161	
				29,180.67		29,180.67		43,299.60	
G2010 Roadways	1.00	EA	Prime Contractor	29,181	0	29,181	14,119	43,300	
				19,388.32		19,388.32		28,769.26	
G201001 BASES & SUBBASES	1.00	EA	Prime Contractor	19,388	0	19,388	9,381	28,769	
				9,792.35		9,792.35		14,530.34	
G201005 GUARDRAILS & BARRIERS	1.00	EA	Prime Contractor	9,792	0	9,792	4,738	14,530	

Description	Quantity	UOM	Contractor	DirectCost	SubCMU	CostToPrime	PrimeCMU	ContractCost	C/O
				8,555.55		10,822.77		15,861.39	
G2050 Landscaping	1.00	EA	Enviro Sub	8,556	2,267	10,823	5,039	15,861	
				7,864.29		9,948.33		14,579.85	
G205002 EROSION CONTROL MEASURES	1.00	EA	Enviro Sub	7,864	2,084	9,948	4,632	14,580	
				691.26		874.44		1,281.54	
G205004 SEEDING, SPRIGGING AND SODDING	1.00	EA	Enviro Sub	691	183	874	407	1,282	
				314,351.41		317,112.70		470,305.04	
G90 Other Site Construction	1.00	EA	Prime Contractor	314,351	2,761	317,113	153,192	470,305	
				314,351.41		317,112.70		470,305.04	
G9090 Other Site Construction	1.00	EA	Prime Contractor	314,351	2,761	317,113	153,192	470,305	
				314,351.41		317,112.70		470,305.04	
G909001 BRIDGES	1.00	EA	Prime Contractor	314,351	2,761	317,113	153,192	470,305	
				66,470.31		66,470.31		98,631.64	
Traffic Control	1.00	EA	Prime Contractor	66,470	0	66,470	32,161	98,632	
				66,470.31		66,470.31		98,631.64	
Traffic Control	1.00	EA	Prime Contractor	66,470	0	66,470	32,161	98,632	
				61,334.10		61,334.10		91,010.30	
Flaggers	1.00	MO	Prime Contractor	61,334	0	61,334	29,676	91,010	
				48.41		48.41		71.83	
Concrete Barriers	40.00	LF	Prime Contractor	1,936	0	1,936	937	2,873	
				200.00		200.00		296.77	
04 Traffic Signs	16.00	EA	Prime Contractor	3,200	0	3,200	1,548	4,748	
				589,927.98		599,975.08		889,091.40	
G Wyoming St Bridge	1.00	EA	Prime Contractor	589,928	10,047	599,975	289,116	889,091	
				112,922.07		117,940.66		174,520.90	
Demo Existing Bridge	1.00	EA	Prime Contractor	112,922	5,019	117,941	56,580	174,521	
				252.06		263.26		389.56	
Demo Existing Bridge	448.00	SF	Prime Contractor	112,922	5,019	117,941	56,580	174,521	
				357.66		384.14		567.70	
Parapit Wall	7.11	CY	Prime Contractor	2,543	188	2,731	1,305	4,036	
				27.74		33.20		48.65	
Excavation	355.60	ECY	Excavation Sub	9,866	1,939	11,804	5,496	17,300	
				24.68		27.14		40.06	
Bridge Deck	448.00	SF	Prime Contractor	11,059	1,102	12,160	5,788	17,948	
				1,001.26		1,027.95		1,522.99	

Description	Quantity	UOM	Contractor	DirectCost	SubCMU	CostToPrime	PrimeCMU	ContractCost	C/O
Demo Concrete Abutments and bridge deck	49.40	CY	Prime Contractor	49,462	1,318	50,781	24,455	75,236	
				2,246.76		2,273.24		3,370.83	
Demo Conc Bridge Beam	17.80	CY	Prime Contractor	39,992	471	40,464	19,537	60,001	
				58,447.96		58,447.96		86,472.82	
G10 Site Preparations	1.00	EA	Prime Contractor	58,448	0	58,448	28,025	86,473	
				1,862.97		1,862.97		2,764.36	
G1020 Site Demolition & Relocations	1.00	EA	Prime Contractor	1,863	0	1,863	901	2,764	
				1,862.97		1,862.97		2,764.36	
G102007 SITE CLEANUP	1.00	EA	Prime Contractor	1,863	0	1,863	901	2,764	
				13,937.35		13,937.35		20,425.99	
G1030 Site Earthwork	1.00	EA	Excavation Sub	13,937	0	13,937	6,489	20,426	
				1,729.67		1,729.67		2,534.93	
G103001 GRADING	1.00	EA	Excavation Sub	1,730	0	1,730	805	2,535	
				691.42		691.42		1,013.31	
G103002 COMMON EXCAVATION	1.00	EA	Excavation Sub	691	0	691	322	1,013	
				1,254.35		1,254.35		1,838.33	
G103004 FILL & BORROW	1.00	EA	Excavation Sub	1,254	0	1,254	584	1,838	
				10,261.91		10,261.91		15,039.42	
G103005 COMPACTION	1.00	EA	Excavation Sub	10,262	0	10,262	4,778	15,039	
				42,647.63		42,647.63		63,282.48	
Staging Area	1.00	EA	Prime Contractor	42,648	0	42,648	20,635	63,282	
Staging area	1.00	LS	Prime Contractor	42,648	0	42,648	20,635	63,282	
				37,736.23		40,003.45		59,160.99	
G20 Site Improvements	1.00	EA	Prime Contractor	37,736	2,267	40,003	19,158	59,161	
				29,180.67		29,180.67		43,299.60	
G2010 Roadways	1.00	EA	Prime Contractor	29,181	0	29,181	14,119	43,300	
				19,388.32		19,388.32		28,769.26	
G201001 BASES & SUBBASES	1.00	EA	Prime Contractor	19,388	0	19,388	9,381	28,769	
				9,792.35		9,792.35		14,530.34	
G201005 GUARDRAILS & BARRIERS	1.00	EA	Prime Contractor	9,792	0	9,792	4,738	14,530	
				8,555.55		10,822.77		15,861.39	
G2050 Landscaping	1.00	EA	Enviro Sub	8,556	2,267	10,823	5,039	15,861	
				7,864.29		9,948.33		14,579.85	
G205002 EROSION CONTROL MEASURES	1.00	EA	Enviro Sub	7,864	2,084	9,948	4,632	14,580	
				691.26		874.44		1,281.54	

Description	Quantity	UOM	Contractor	DirectCost	SubCMU	CostToPrime	PrimeCMU	ContractCost	C/O
G205004 SEEDING, SPRIGGING AND SODDING	1.00	EA	Enviro Sub	691	183	874	407	1,282	
				314,351.41		317,112.70		470,305.04	
G90 Other Site Construction	1.00	EA	Prime Contractor	314,351	2,761	317,113	153,192	470,305	
				314,351.41		317,112.70		470,305.04	
G9090 Other Site Construction	1.00	EA	Prime Contractor	314,351	2,761	317,113	153,192	470,305	
				314,351.41		317,112.70		470,305.04	
G909001 BRIDGES	1.00	EA	Prime Contractor	314,351	2,761	317,113	153,192	470,305	
				66,470.31		66,470.31		98,631.64	
Traffic Control	1.00	EA	Prime Contractor	66,470	0	66,470	32,161	98,632	
				66,470.31		66,470.31		98,631.64	
Traffic Control	1.00	EA	Prime Contractor	66,470	0	66,470	32,161	98,632	
				61,334.10		61,334.10		91,010.30	
Flaggers	1.00	MO	Prime Contractor	61,334	0	61,334	29,676	91,010	
				48.41		48.41		71.83	
Concrete Barriers	40.00	LF	Prime Contractor	1,936	0	1,936	937	2,873	
				200.00		200.00		296.77	
04 Traffic Signs	16.00	EA	Prime Contractor	3,200	0	3,200	1,548	4,748	
				589,927.98		599,975.08		889,091.40	
G Nevada St Bridge	1.00	EA	Prime Contractor	589,928	10,047	599,975	289,116	889,091	
				112,922.07		117,940.66		174,520.90	
Demo Existing Bridge	1.00	EA	Prime Contractor	112,922	5,019	117,941	56,580	174,521	
				252.06		263.26		389.56	
Demo Existing Bridge	448.00	SF	Prime Contractor	112,922	5,019	117,941	56,580	174,521	
				357.66		384.14		567.70	
Parapit Wall	7.11	CY	Prime Contractor	2,543	188	2,731	1,305	4,036	
				27.74		33.20		48.65	
Excavation	355.60	ECY	Excavation Sub	9,866	1,939	11,804	5,496	17,300	
				24.68		27.14		40.06	
Bridge Deck	448.00	SF	Prime Contractor	11,059	1,102	12,160	5,788	17,948	
				1,001.26		1,027.95		1,522.99	
Demo Concrete Abutments and bridge deck	49.40	CY	Prime Contractor	49,462	1,318	50,781	24,455	75,236	
				2,246.76		2,273.24		3,370.83	
Demo Conc Bridge Beam	17.80	CY	Prime Contractor	39,992	471	40,464	19,537	60,001	
				58,447.96		58,447.96		86,472.82	
G10 Site Preparations	1.00	EA	Prime Contractor	58,448	0	58,448	28,025	86,473	

Description	Quantity	UOM	Contractor	DirectCost	SubCMU	CostToPrime	PrimeCMU	ContractCost	C/O
				1,862.97		1,862.97		2,764.36	
G1020 Site Demolition & Relocations	1.00	EA	Prime Contractor	1,863	0	1,863	901	2,764	
				1,862.97		1,862.97		2,764.36	
G102007 SITE CLEANUP	1.00	EA	Prime Contractor	1,863	0	1,863	901	2,764	
				13,937.35		13,937.35		20,425.99	
G1030 Site Earthwork	1.00	EA	Excavation Sub	13,937	0	13,937	6,489	20,426	
				1,729.67		1,729.67		2,534.93	
G103001 GRADING	1.00	EA	Excavation Sub	1,730	0	1,730	805	2,535	
				691.42		691.42		1,013.31	
G103002 COMMON EXCAVATION	1.00	EA	Excavation Sub	691	0	691	322	1,013	
				1,254.35		1,254.35		1,838.33	
G103004 FILL & BORROW	1.00	EA	Excavation Sub	1,254	0	1,254	584	1,838	
				10,261.91		10,261.91		15,039.42	
G103005 COMPACTION	1.00	EA	Excavation Sub	10,262	0	10,262	4,778	15,039	
				42,647.63		42,647.63		63,282.48	
Staging Area	1.00	EA	Prime Contractor	42,648	0	42,648	20,635	63,282	
Staging area	1.00	LS	Prime Contractor	42,648	0	42,648	20,635	63,282	
				37,736.23		40,003.45		59,160.99	
G20 Site Improvements	1.00	EA	Prime Contractor	37,736	2,267	40,003	19,158	59,161	
				29,180.67		29,180.67		43,299.60	
G2010 Roadways	1.00	EA	Prime Contractor	29,181	0	29,181	14,119	43,300	
				19,388.32		19,388.32		28,769.26	
G201001 BASES & SUBBASES	1.00	EA	Prime Contractor	19,388	0	19,388	9,381	28,769	
				9,792.35		9,792.35		14,530.34	
G201005 GUARDRAILS & BARRIERS	1.00	EA	Prime Contractor	9,792	0	9,792	4,738	14,530	
				8,555.55		10,822.77		15,861.39	
G2050 Landscaping	1.00	EA	Enviro Sub	8,556	2,267	10,823	5,039	15,861	
				7,864.29		9,948.33		14,579.85	
G205002 EROSION CONTROL MEASURES	1.00	EA	Enviro Sub	7,864	2,084	9,948	4,632	14,580	
				691.26		874.44		1,281.54	
G205004 SEEDING, SPRIGGING AND SODDING	1.00	EA	Enviro Sub	691	183	874	407	1,282	
				314,351.41		317,112.70		470,305.04	
G90 Other Site Construction	1.00	EA	Prime Contractor	314,351	2,761	317,113	153,192	470,305	
				314,351.41		317,112.70		470,305.04	
G9090 Other Site Construction	1.00	EA	Prime Contractor	314,351	2,761	317,113	153,192	470,305	



Description	Quantity	UOM	Contractor	DirectCost	SubCMU	CostToPrime	PrimeCMU	ContractCost	C/O
G909001 BRIDGES	1.00	EA	Prime Contractor	314,351.41	2,761	317,112.70	153,192	470,305.04	
Traffic Control	1.00	EA	Prime Contractor	66,470.31	0	66,470.31	32,161	98,631.64	
Traffic Control	1.00	EA	Prime Contractor	66,470.31	0	66,470.31	32,161	98,631.64	
Flaggers	1.00	MO	Prime Contractor	61,334.10	0	61,334.10	29,676	91,010.30	
Concrete Barriers	40.00	LF	Prime Contractor	48.41	0	48.41	937	71.83	
04 Traffic Signs	16.00	EA	Prime Contractor	200.00	0	200.00	1,548	296.77	
G Montana St Bridge	1.00	EA	Prime Contractor	589,927.98	10,047	599,975.08	289,116	889,091.40	
Demo Existing Bridge	1.00	EA	Prime Contractor	112,922.07	5,019	117,940.66	56,580	174,520.90	
Demo Existing Bridge	448.00	SF	Prime Contractor	252.06	5,019	263.26	56,580	389.56	
Parapit Wall	7.11	CY	Prime Contractor	357.66	188	384.14	1,305	567.70	
Excavation	355.60	ECY	Excavation Sub	27.74	1,939	33.20	5,496	48.65	
Bridge Deck	448.00	SF	Prime Contractor	24.68	1,102	27.14	5,788	40.06	
Demo Concrete Abutments and bridge deck	49.40	CY	Prime Contractor	1,001.26	1,318	1,027.95	24,455	1,522.99	
Demo Conc Bridge Beam	17.80	CY	Prime Contractor	2,246.76	471	2,273.24	19,537	3,370.83	
G10 Site Preparations	1.00	EA	Prime Contractor	58,447.96	0	58,447.96	28,025	86,472.82	
G1020 Site Demolition & Relocations	1.00	EA	Prime Contractor	1,862.97	0	1,862.97	901	2,764.36	
G102007 SITE CLEANUP	1.00	EA	Prime Contractor	1,862.97	0	1,862.97	901	2,764.36	
				13,937.35		13,937.35		20,425.99	

Description		Quantity	UOM	Contractor	DirectCost	SubCMU	CostToPrime	PrimeCMU	ContractCost	C/O
G1030 Site Earthwork		1.00	EA	Excavation Sub	13,937	0	13,937	6,489	20,426	
					1,729.67		1,729.67		2,534.93	
G103001 GRADING		1.00	EA	Excavation Sub	1,730	0	1,730	805	2,535	
					691.42		691.42		1,013.31	
G103002 COMMON EXCAVATION		1.00	EA	Excavation Sub	691	0	691	322	1,013	
					1,254.35		1,254.35		1,838.33	
G103004 FILL & BORROW		1.00	EA	Excavation Sub	1,254	0	1,254	584	1,838	
					10,261.91		10,261.91		15,039.42	
G103005 COMPACTION		1.00	EA	Excavation Sub	10,262	0	10,262	4,778	15,039	
					42,647.63		42,647.63		63,282.48	
Staging Area		1.00	EA	Prime Contractor	42,648	0	42,648	20,635	63,282	
Staging area		1.00	LS	Prime Contractor	42,648	0	42,648	20,635	63,282	
					37,736.23		40,003.45		59,160.99	
G20 Site Improvements		1.00	EA	Prime Contractor	37,736	2,267	40,003	19,158	59,161	
					29,180.67		29,180.67		43,299.60	
G2010 Roadways		1.00	EA	Prime Contractor	29,181	0	29,181	14,119	43,300	
					19,388.32		19,388.32		28,769.26	
G201001 BASES & SUBBASES		1.00	EA	Prime Contractor	19,388	0	19,388	9,381	28,769	
					9,792.35		9,792.35		14,530.34	
G201005 GUARDRAILS & BARRIERS		1.00	EA	Prime Contractor	9,792	0	9,792	4,738	14,530	
					8,555.55		10,822.77		15,861.39	
G2050 Landscaping		1.00	EA	Enviro Sub	8,556	2,267	10,823	5,039	15,861	
					7,864.29		9,948.33		14,579.85	
G205002 EROSION CONTROL MEASURES		1.00	EA	Enviro Sub	7,864	2,084	9,948	4,632	14,580	
					691.26		874.44		1,281.54	
G205004 SEEDING, SPRIGGING AND SODDING		1.00	EA	Enviro Sub	691	183	874	407	1,282	
					314,351.41		317,112.70		470,305.04	
G90 Other Site Construction		1.00	EA	Prime Contractor	314,351	2,761	317,113	153,192	470,305	
					314,351.41		317,112.70		470,305.04	
G9090 Other Site Construction		1.00	EA	Prime Contractor	314,351	2,761	317,113	153,192	470,305	
					314,351.41		317,112.70		470,305.04	
G909001 BRIDGES		1.00	EA	Prime Contractor	314,351	2,761	317,113	153,192	470,305	
					66,470.31		66,470.31		98,631.64	
Traffic Control		1.00	EA	Prime Contractor	66,470	0	66,470	32,161	98,632	
					66,470.31		66,470.31		98,631.64	

Description		Quantity	UOM	Contractor	DirectCost	SubCMU	CostToPrime	PrimeCMU	ContractCost	C/O
Traffic Control		1.00	EA	Prime Contractor	66,470	0	66,470	32,161	98,632	
					61,334.10		61,334.10		91,010.30	
Flaggers		1.00	MO	Prime Contractor	61,334	0	61,334	29,676	91,010	
					48.41		48.41		71.83	
Concrete Barriers		40.00	LF	Prime Contractor	1,936	0	1,936	937	2,873	
					200.00		200.00		296.77	
04 Traffic Signs		16.00	EA	Prime Contractor	3,200	0	3,200	1,548	4,748	
					221,928.57		228,677.00		338,676.97	
G Pedestrian Bridge 1		1.00	EA	Prime Contractor	221,929	6,748	228,677	110,000	338,677	
					12,093.07		13,812.98		20,346.18	
Demo Existing Bridge		1.00	EA	Prime Contractor	12,093	1,720	13,813	6,533	20,346	
					25.19		28.78		42.39	
Demo Existing		480.00	SF	Prime Contractor	12,093	1,720	13,813	6,533	20,346	
					12,093.07		13,812.98		20,346.18	
Bridge Demo		1.00	EA	Prime Contractor	12,093	1,720	13,813	6,533	20,346	
					46,668.64		46,668.64		69,193.91	
G10 Site Preparations		1.00	EA	Prime Contractor	46,669	0	46,669	22,525	69,194	
					1,007.01		1,007.01		1,494.25	
G1020 Site Demolition & Relocations		1.00	EA	Prime Contractor	1,007	0	1,007	487	1,494	
					1,007.01		1,007.01		1,494.25	
G102007 SITE CLEANUP		1.00	EA	Prime Contractor	1,007	0	1,007	487	1,494	
					3,014.00		3,014.00		4,417.19	
G1030 Site Earthwork		1.00	EA	Excavation Sub	3,014	0	3,014	1,403	4,417	
					355.00		355.00		520.27	
G103001 GRADING		1.00	EA	Excavation Sub	355	0	355	165	520	
					139.52		139.52		204.48	
G103002 COMMON EXCAVATION		1.00	EA	Excavation Sub	140	0	140	65	204	
					263.89		263.89		386.75	
G103004 FILL & BORROW		1.00	EA	Excavation Sub	264	0	264	123	387	
					2,255.58		2,255.58		3,305.68	
G103005 COMPACTION		1.00	EA	Excavation Sub	2,256	0	2,256	1,050	3,306	
					42,647.63		42,647.63		63,282.48	
Staging Area		1.00	EA	Prime Contractor	42,648	0	42,648	20,635	63,282	
Staging area		1.00	LS	Prime Contractor	42,648	0	42,648	20,635	63,282	
					22,637.36		24,904.58		36,756.61	

Description	Quantity	UOM	Contractor	DirectCost	SubCMU	CostToPrime	PrimeCMU	ContractCost	C/O
G20 Site Improvements	1.00	EA	Prime Contractor	22,637	2,267	24,905	11,852	36,757	
				14,081.81		14,081.81		20,895.22	
G2010 Roadways	1.00	EA	Prime Contractor	14,082	0	14,082	6,813	20,895	
				4,289.45		4,289.45		6,364.88	
G201001 BASES & SUBBASES	1.00	EA	Prime Contractor	4,289	0	4,289	2,075	6,365	
				9,792.35		9,792.35		14,530.34	
G201005 GUARDRAILS & BARRIERS	1.00	EA	Prime Contractor	9,792	0	9,792	4,738	14,530	
				8,555.55		10,822.77		15,861.39	
G2050 Landscaping	1.00	EA	Enviro Sub	8,556	2,267	10,823	5,039	15,861	
				7,864.29		9,948.33		14,579.85	
G205002 EROSION CONTROL MEASURES	1.00	EA	Enviro Sub	7,864	2,084	9,948	4,632	14,580	
				691.26		874.44		1,281.54	
G205004 SEEDING, SPRIGGING AND SODDING	1.00	EA	Enviro Sub	691	183	874	407	1,282	
				74,059.18		76,820.48		113,748.62	
G90 Other Site Construction	1.00	EA	Prime Contractor	74,059	2,761	76,820	36,928	113,749	
				74,059.18		76,820.48		113,748.62	
G9090 Other Site Construction	1.00	EA	Prime Contractor	74,059	2,761	76,820	36,928	113,749	
				74,059.18		76,820.48		113,748.62	
G909001 BRIDGES	1.00	EA	Prime Contractor	74,059	2,761	76,820	36,928	113,749	
				66,470.31		66,470.31		98,631.64	
Traffic Control	1.00	EA	Prime Contractor	66,470	0	66,470	32,161	98,632	
				66,470.31		66,470.31		98,631.64	
Traffic Control	1.00	EA	Prime Contractor	66,470	0	66,470	32,161	98,632	
				61,334.10		61,334.10		91,010.30	
Flaggers	1.00	MO	Prime Contractor	61,334	0	61,334	29,676	91,010	
				48.41		48.41		71.83	
Concrete Barriers	40.00	LF	Prime Contractor	1,936	0	1,936	937	2,873	
				200.00		200.00		296.77	
04 Traffic Signs	16.00	EA	Prime Contractor	3,200	0	3,200	1,548	4,748	
				221,928.57		228,677.00		338,676.97	
G Pedestrian Bridge 2	1.00	EA	Prime Contractor	221,929	6,748	228,677	110,000	338,677	
				12,093.07		13,812.98		20,346.18	
Demo Existing Bridge	1.00	EA	Prime Contractor	12,093	1,720	13,813	6,533	20,346	
				25.19		28.78		42.39	
Demo Existing	480.00	SF	Prime Contractor	12,093	1,720	13,813	6,533	20,346	

Description	Quantity	UOM	Contractor	DirectCost	SubCMU	CostToPrime	PrimeCMU	ContractCost	C/O
				12,093.07		13,812.98		20,346.18	
Bridge Demo	1.00	EA	Prime Contractor	12,093	1,720	13,813	6,533	20,346	
				46,668.64		46,668.64		69,193.91	
G10 Site Preparations	1.00	EA	Prime Contractor	46,669	0	46,669	22,525	69,194	
				1,007.01		1,007.01		1,494.25	
G1020 Site Demolition & Relocations	1.00	EA	Prime Contractor	1,007	0	1,007	487	1,494	
				1,007.01		1,007.01		1,494.25	
G102007 SITE CLEANUP	1.00	EA	Prime Contractor	1,007	0	1,007	487	1,494	
				3,014.00		3,014.00		4,417.19	
G1030 Site Earthwork	1.00	EA	Excavation Sub	3,014	0	3,014	1,403	4,417	
				355.00		355.00		520.27	
G103001 GRADING	1.00	EA	Excavation Sub	355	0	355	165	520	
				139.52		139.52		204.48	
G103002 COMMON EXCAVATION	1.00	EA	Excavation Sub	140	0	140	65	204	
				263.89		263.89		386.75	
G103004 FILL & BORROW	1.00	EA	Excavation Sub	264	0	264	123	387	
				2,255.58		2,255.58		3,305.68	
G103005 COMPACTION	1.00	EA	Excavation Sub	2,256	0	2,256	1,050	3,306	
				42,647.63		42,647.63		63,282.48	
Staging Area	1.00	EA	Prime Contractor	42,648	0	42,648	20,635	63,282	
Staging area	1.00	LS	Prime Contractor	42,648	0	42,648	20,635	63,282	
				22,637.36		24,904.58		36,756.61	
G20 Site Improvements	1.00	EA	Prime Contractor	22,637	2,267	24,905	11,852	36,757	
				14,081.81		14,081.81		20,895.22	
G2010 Roadways	1.00	EA	Prime Contractor	14,082	0	14,082	6,813	20,895	
				4,289.45		4,289.45		6,364.88	
G201001 BASES & SUBBASES	1.00	EA	Prime Contractor	4,289	0	4,289	2,075	6,365	
				9,792.35		9,792.35		14,530.34	
G201005 GUARDRAILS & BARRIERS	1.00	EA	Prime Contractor	9,792	0	9,792	4,738	14,530	
				8,555.55		10,822.77		15,861.39	
G2050 Landscaping	1.00	EA	Enviro Sub	8,556	2,267	10,823	5,039	15,861	
				7,864.29		9,948.33		14,579.85	
G205002 EROSION CONTROL MEASURES	1.00	EA	Enviro Sub	7,864	2,084	9,948	4,632	14,580	
				691.26		874.44		1,281.54	
G205004 SEEDING, SPRIGGING AND SODDING	1.00	EA	Enviro Sub	691	183	874	407	1,282	

Description	Quantity	UOM	Contractor	DirectCost	SubCMU	CostToPrime	PrimeCMU	ContractCost	C/O
G90 Other Site Construction	1.00	EA	Prime Contractor	74,059.18 74,059	2,761	76,820.48 76,820	36,928	113,748.62 113,749	
G9090 Other Site Construction	1.00	EA	Prime Contractor	74,059.18 74,059	2,761	76,820.48 76,820	36,928	113,748.62 113,749	
G909001 BRIDGES	1.00	EA	Prime Contractor	74,059.18 74,059	2,761	76,820.48 76,820	36,928	113,748.62 113,749	
Traffic Control	1.00	EA	Prime Contractor	66,470.31 66,470	0	66,470.31 66,470	32,161	98,631.64 98,632	
Traffic Control	1.00	EA	Prime Contractor	66,470.31 66,470	0	66,470.31 66,470	32,161	98,631.64 98,632	
Flaggers	1.00	MO	Prime Contractor	61,334.10 61,334	0	61,334.10 61,334	29,676	91,010.30 91,010	
Concrete Barriers	40.00	LF	Prime Contractor	48.41 1,936	0	48.41 1,936	937	71.83 2,873	
04 Traffic Signs	16.00	EA	Prime Contractor	200.00 3,200	0	200.00 3,200	1,548	296.77 4,748	
G Pedestrian Bridge 3	1.00	EA	Prime Contractor	221,928.57 221,929	6,748	228,677.00 228,677	110,000	338,676.97 338,677	
Demo Existing Bridge	1.00	EA	Prime Contractor	12,093.07 12,093	1,720	13,812.98 13,813	6,533	20,346.18 20,346	
Demo Existing	480.00	SF	Prime Contractor	25.19 12,093	1,720	28.78 13,813	6,533	42.39 20,346	
Bridge Demo	1.00	EA	Prime Contractor	12,093.07 12,093	1,720	13,812.98 13,813	6,533	20,346.18 20,346	
G10 Site Preparations	1.00	EA	Prime Contractor	46,668.64 46,669	0	46,668.64 46,669	22,525	69,193.91 69,194	
G1020 Site Demolition & Relocations	1.00	EA	Prime Contractor	1,007.01 1,007	0	1,007.01 1,007	487	1,494.25 1,494	
G102007 SITE CLEANUP	1.00	EA	Prime Contractor	1,007.01 1,007	0	1,007.01 1,007	487	1,494.25 1,494	
G1030 Site Earthwork	1.00	EA	Excavation Sub	3,014.00 3,014	0	3,014.00 3,014	1,403	4,417.19 4,417	
G103001 GRADING	1.00	EA	Excavation Sub	355.00 355	0	355.00 355	165	520.27 520	
				139.52		139.52		204.48	

Description	Quantity	UOM	Contractor	DirectCost	SubCMU	CostToPrime	PrimeCMU	ContractCost	C/O
G103002 COMMON EXCAVATION	1.00	EA	Excavation Sub	140	0	140	65	204	
				263.89		263.89		386.75	
G103004 FILL & BORROW	1.00	EA	Excavation Sub	264	0	264	123	387	
				2,255.58		2,255.58		3,305.68	
G103005 COMPACTION	1.00	EA	Excavation Sub	2,256	0	2,256	1,050	3,306	
				42,647.63		42,647.63		63,282.48	
Staging Area	1.00	EA	Prime Contractor	42,648	0	42,648	20,635	63,282	
Staging area	1.00	LS	Prime Contractor	42,648	0	42,648	20,635	63,282	
				22,637.36		24,904.58		36,756.61	
G20 Site Improvements	1.00	EA	Prime Contractor	22,637	2,267	24,905	11,852	36,757	
				14,081.81		14,081.81		20,895.22	
G2010 Roadways	1.00	EA	Prime Contractor	14,082	0	14,082	6,813	20,895	
				4,289.45		4,289.45		6,364.88	
G201001 BASES & SUBBASES	1.00	EA	Prime Contractor	4,289	0	4,289	2,075	6,365	
				9,792.35		9,792.35		14,530.34	
G201005 GUARDRAILS & BARRIERS	1.00	EA	Prime Contractor	9,792	0	9,792	4,738	14,530	
				8,555.55		10,822.77		15,861.39	
G2050 Landscaping	1.00	EA	Enviro Sub	8,556	2,267	10,823	5,039	15,861	
				7,864.29		9,948.33		14,579.85	
G205002 EROSION CONTROL MEASURES	1.00	EA	Enviro Sub	7,864	2,084	9,948	4,632	14,580	
				691.26		874.44		1,281.54	
G205004 SEEDING, SPRIGGING AND SODDING	1.00	EA	Enviro Sub	691	183	874	407	1,282	
				74,059.18		76,820.48		113,748.62	
G90 Other Site Construction	1.00	EA	Prime Contractor	74,059	2,761	76,820	36,928	113,749	
				74,059.18		76,820.48		113,748.62	
G9090 Other Site Construction	1.00	EA	Prime Contractor	74,059	2,761	76,820	36,928	113,749	
				74,059.18		76,820.48		113,748.62	
G909001 BRIDGES	1.00	EA	Prime Contractor	74,059	2,761	76,820	36,928	113,749	
				66,470.31		66,470.31		98,631.64	
Traffic Control	1.00	EA	Prime Contractor	66,470	0	66,470	32,161	98,632	
				66,470.31		66,470.31		98,631.64	
Traffic Control	1.00	EA	Prime Contractor	66,470	0	66,470	32,161	98,632	
				61,334.10		61,334.10		91,010.30	
Flaggers	1.00	MO	Prime Contractor	61,334	0	61,334	29,676	91,010	
				48.41		48.41		71.83	

		Description	Quantity	UOM	Contractor	DirectCost	SubCMU	CostToPrime	PrimeCMU	ContractCost	C/O
Concrete Barriers			40.00	LF	Prime Contractor	1,936	0	1,936	937	2,873	
						200.00		200.00		296.77	
04 Traffic Signs			16.00	EA	Prime Contractor	3,200	0	3,200	1,548	4,748	