

**OPINION OF ESTIMATED CONSTRUCTION COST FOR LOWER GOOSE CREEK**

ITEM No.	ITEM DESCRIPTION	UNIT	QTY	UNIT COST	SUBTOTAL
15101	MOBILIZATION	LUMP SUM	1	\$ 20,700.00	\$ 20,700.00
15201	CONSTRUCTION, SURVEY AND STAKING, METHOD 1, TOLERANCE A	LUMP SUM	1	\$ 5,100.00	\$ 5,100.00
15713	SOIL EROSION & POLLUTION CONTROL	LUMP SUM	1	\$ 5,000.00	\$ 5,000.00
15761	DEWATERING	LUMP SUM	1	\$36,925.00	\$ 36,925.00
20158	CLEARING AND GRUBBING	LUMP SUM	1	\$5,000.00	\$ 5,000.00
20301	REMOVAL OF STRUCTURE AND OBSTRUCTIONS, REMOVE FROM PROJECT	LUMP SUM	1	\$2,500.00	\$ 2,500.00
20802	FOUNDATION FILL, INCLUDES GEOTEXTILE AND AGGREGATE	CUBIC YARD	30	\$80.00	\$ 2,400.00
20858	STRUCTURE EXCAVATION	CUBIC YARD	320	\$35.00	\$ 11,200.00
20859	STRUCTURAL BACKFILL	CUBIC YARD	170	\$85.00	\$ 14,450.00
25101	PLACED RIPRAP, CLASS 3	CUBIC YARD	40	\$175.00	\$ 7,000.00
30112	FR6102 SURFACE AGGREGATE, GRADE G, COMPACTION METHOD B	CUBIC YARD	10	\$50.00	\$ 500.00
55201	STRUCTURAL CONCRETE FOR FOUNDATIONS	CUBIC YARD	50	\$725.00	\$ 36,250.00
55401	REINFORCING STEEL	LUMP SUM	1	\$6,000.00	\$ 6,000.00
60304	11'-7" SPAN, 2'-10" RISE, ALUMINUM BOX CULVERT	LINEAR FOOT	72	\$ 890.00	\$ 64,080.00
60306	STRUCTURAL PLATE HEADWALL AND WINGWALLS	LUMP SUM	1	\$2,500.00	\$ 2,500.00
62552	SEEDING AND MULCHING, DRY METHOD	LUMP SUM	1	\$4,000.00	\$ 4,000.00
63307	OBJECT MARKERS, TYPE III	EACH	4	\$275.00	\$ 1,100.00
63501	TEMPORARY TRAFFIC CONTROL	LUMP SUM	1	\$2,500.00	\$ 2,500.00
64801	PLACED STREAMBED SIMULATION ROCK, BED CLASS 2, METHOD A	CUBIC YARD	100	\$ 125.00	\$ 12,500.00
64803	PLACED CHANNEL ROCK, CLASS 2, METHOD A	CUBIC YARD	80	\$ 125.00	\$ 10,000.00

<b>TOTAL</b>		\$ 227,205.00
<b>CONTINGENCY</b>	10%	\$ 22,721.00
<b>GRAND TOTAL</b>		\$ 249,926.00

**INCLUDED IN DEWATERING**

	LABOR, PUMP MAINTENANCE	HOURS	30	\$50.00	\$1,500.00
	LABOR, SET UP AND TAKE DOWN	HOURS	32	\$50.00	\$1,600.00
	SAND BAGS	EA	100	\$15.00	\$1,500.00
	PUMP RENTAL	DAYS	30	\$1,000.00	\$30,000.00
	PUMP HOSE	LF	300	\$1.00	\$300.00
	STREAM BYPASS PIPE	LF	350	\$1.50	\$525.00
	ENERGY DISIPATION, R-4	CUBIC YARD*	12	\$125.00	\$1,500.00

**OPINION OF ESTIMATED CONSTRUCTION COST FOR LOWER GOOSE CREEK**

ITEM No.	ITEM DESCRIPTION	UNIT	QTY	UNIT COST	SUBTOTAL
15101	MOBILIZATION	LUMP SUM	1	\$ 15,400.00	\$ 15,400.00
15201	CONSTRUCTION, SURVEY AND STAKING, METHOD 1, TOLERANCE A	LUMP SUM	1	\$ 3,800.00	\$ 3,800.00
15713	SOIL EROSION & POLLUTION CONTROL	LUMP SUM	1	\$ 3,700.00	\$ 3,700.00
15761	DEWATERING	LUMP SUM	1	\$36,925.00	\$ 36,925.00
20158	CLEARING AND GRUBBING	LUMP SUM	1	\$5,000.00	\$ 5,000.00
20301	REMOVAL OF STRUCTURE AND OBSTRUCTIONS, REMOVE FROM PROJECT	LUMP SUM	1	\$2,500.00	\$ 2,500.00
20415	EMBANKMENT CONSTRUCTION, METHOD A, TOLERANCE C	CUBIC YARD	111	\$30.00	\$ 3,330.00
20412	SELECT BORROW	CUBIC YARD	50	\$35.00	\$ 1,750.00
20802	FOUNDATION FILL, INCLUDES GEOTEXTILE AND AGGREGATE	CUBIC YARD	10	\$100.00	\$ 1,000.00
20858	STRUCTURE EXCAVATION	CUBIC YARD	100	\$35.00	\$ 3,500.00
20859	STRUCTURAL BACKFILL	CUBIC YARD	40	\$85.00	\$ 3,400.00
21202	LINEAR GRADING	LUMP SUM	1	\$3,000.00	\$ 3,000.00
25101	PLACED RIPRAP, CLASS 3	CUBIC YARD	40	\$175.00	\$ 7,000.00
30112	LOWER CHIWAWA ROAD SURFACE AGGREGATE, GRADE G, COMPACTION METHOD B	CUBIC YARD	10	\$50.00	\$ 500.00
55201	STRUCTURAL CONCRETE FOR FOUNDATIONS	CUBIC YARD	30	\$725.00	\$ 21,750.00
55401	REINFORCING STEEL	LUMP SUM	1	\$6,000.00	\$ 6,000.00
60304	11'-7" SPAN, 2'-10" RISE, ALUMINUM BOX CULVERT	LINEAR FOOT	31.5	\$ 1,270.00	\$ 40,005.00
60306	STRUCTURAL PLATE HEADWALL AND WINGWALLS	LUMP SUM	1	\$2,500.00	\$ 2,500.00
62552	SEEDING AND MULCHING, DRY METHOD	LUMP SUM	1	\$4,000.00	\$ 4,000.00
63307	OBJECT MARKERS, TYPE III	EACH	4	\$275.00	\$ 1,100.00
63501	TEMPORARY TRAFFIC CONTROL	LUMP SUM	1	\$2,500.00	\$ 2,500.00
64801	PLACED STREAMBED SIMULATION ROCK, BED CLASS 2, METHOD A	CUBIC YARD	60	\$ 125.00	\$ 7,500.00
64803	PLACED CHANNEL ROCK, CLASS 2, METHOD A	CUBIC YARD	50	\$ 125.00	\$ 6,250.00

<b>TOTAL</b>		\$ 168,660.00
<b>CONTINGENCY</b>	10%	\$ 16,866.00
<b>GRAND TOTAL</b>		\$ 185,526.00

**INCLUDED IN DEWATERING**

	LABOR, PUMP MAINTENANCE	HOURS	30	\$50.00	\$1,500.00
	LABOR, SET UP AND TAKE DOWN	HOURS	32	\$50.00	\$1,600.00
	SAND BAGS	EA	100	\$15.00	\$1,500.00
	PUMP RENTAL	DAYS	30	\$1,000.00	\$30,000.00
	PUMP HOSE	LF	300	\$1.00	\$300.00
	STREAM BYPASS PIPE	LF	350	\$1.50	\$525.00
	ENERGY DISIPATION, R-4	CUBIC YARD*	12	\$125.00	\$1,500.00