

Attachment D:

Detailed Project Cost Estimate



ATTACHMENT D - DETAILED PROJECT COST ESTIMATE

OMB Number: 4040-0008

Date: 01/31/2019

BUDGET INFORMATION - Construction Programs

NOTE: Certain Federal assistance programs require additional computations to arrive at the Federal share of project costs eligible for participation. If such is the case, you will be notified.

COST CLASSIFICATION	a. Total Cost	b. Costs Not Allowable for Participation	c. Total Allowable Costs (Columns a-b)
1. Administrative and legal expenses	\$ 95,802.51	\$ -	\$ 95,802.51
2. Land, structures, rights-of-way, appraisals, etc.	\$ 34,230.63	\$ -	\$ 34,230.63
3. Relocation expenses and payments	\$ -	\$ -	\$ -
4. Architectural and engineering fees	\$ 712,706.27	\$ -	\$ 712,706.27
5. Other architectural and engineering fees	\$ 402,485.02	\$ -	\$ 402,485.02
6. Project inspection fees	\$ 1,279,210.03	\$ -	\$ 1,279,210.03
7. Site work	\$ -	\$ -	\$ -
8. Demolition and removal	\$ 373,280.00	\$ -	\$ 373,280.00
9. Construction	\$ 13,097,009.16	\$ -	\$ 13,097,009.16
10. Equipment	\$ -	\$ -	\$ -
11. Miscellaneous	\$ -	\$ -	\$ -
12. SUBTOTAL (sum of lines 1-11)	\$ 15,994,723.61	\$ -	\$ 15,994,723.61
13. Contingencies	\$ 1,599,472.36	\$ -	\$ 1,599,472.36
14. SUBTOTAL	\$ 17,594,195.97	\$ -	\$ 17,594,195.97
15. Project (program) income	\$ -	\$ -	\$ -
16. TOTAL PROJECT COSTS (subtract #15 from #14)	\$ 17,594,195.97	\$	\$ 17,594,195.97
FEDERAL FUNDING			
17. Federal assistance requested, calculate as follows: (Consult Federal agency for Federal percentage share.) enter the resulting Federal share.			
Enter eligible costs from line 16c Multiply x 80 %			\$ 14,075,356.78



OVERALL BUDGET SUMMARY					
	STATE BRIDGE NUMBER	AGENCY BRIDGE NUMBER	TOTAL BUDGET COST - UNBUNDLED	TOTAL BUDGET COST - BUNDLED	% OF TOTAL COST
1	7717	136	\$ 1,171,935.20	\$ 937,548.16	5.9%
2	L1037	288	\$ 804,403.30	\$ 643,522.64	4.0%
3	92104	631	\$ 1,424,078.00	\$ 1,139,262.40	7.1%
4	69845	918	\$ 2,671,949.00	\$ 2,137,559.20	13.4%
5	69502	195	\$ 1,695,270.00	\$ 1,356,216.00	8.5%
6	7770	842	\$ 1,024,021.00	\$ 819,216.80	5.1%
7	7769	844	\$ 2,723,585.00	\$ 2,178,868.00	13.6%
8	88767	872	\$ 2,113,550.00	\$ 1,690,840.00	10.6%
9	7659	214	\$ 390,232.40	\$ 312,185.92	2.0%
10	7644	695	\$ 790,719.00	\$ 632,575.20	4.0%
11	7648	828	\$ 462,422.20	\$ 369,937.76	2.3%
12	7787	130	\$ 429,823.60	\$ 343,858.88	2.1%
13	7780	187	\$ 432,163.40	\$ 345,730.72	2.2%
14	7823	602	\$ 394,708.60	\$ 315,766.88	2.0%
15	7715	760	\$ 421,234.40	\$ 336,987.52	2.1%
16	7680	649	\$ 574,336.80	\$ 459,469.44	2.9%
17	L4189	97	\$ 392,472.80	\$ 313,978.24	2.0%
18	6290	NA	\$ 749,563.76	\$ 599,651.01	3.7%
19	6292	NA	\$ 430,937.08	\$ 344,749.66	2.2%
20	6293	NA	\$ 455,341.80	\$ 364,273.44	2.3%
21	6294	NA	\$ 440,657.18	\$ 352,525.75	2.2%
TOTALS			\$ 19,993,404.51	\$ 15,994,723.61	100.0%



BRIDGE NO. 7717 (SLC #136) BUDGET

1. Administrative and legal expenses	\$ 5,000.00
2. Land, structures, rights-of-way, appraisals, etc.	\$ 2,800.00
3. Relocation expenses and payments	\$ -
4. Architectural and engineering fees	\$ 50,000.00
5. Other architectural and engineering fees	\$ 30,500.00
6. Project inspection fees	\$ 100,000.00
7. Site work	\$ -
8. Demolition and removal	\$ 14,000.00
9. Construction	\$ 969,635.20
10. Equipment	\$ -
11. Miscellaneous	\$ -
TOTAL PROJECT COSTS	\$ 1,171,935.20

ENGINEER'S ESTIMATE

Project Number: 0000-432198
Project Title or Road Number: Bridge NO. 7717 (SLC #136)
Work Type: Bridge Construction

Item No.	Description	Units	Quantity	Unit Price	Total Price
2021.501	MOBILIZATION	LUMP SUM	1.0	\$65,000.00	\$65,000.00
2031.501	FIELD OFFICE TYPE D	EACH	1.0	\$9,000.00	\$9,000.00
2101.501	CLEARING & GRUBBING	LUMP SUM	1.0	\$3,000.00	\$3,000.00
2104.502	SALVAGE SIGN	EACH	7.0	\$100.00	\$700.00
2105.601	DEWATERING	LUMP SUM	1.0	\$12,000.00	\$12,000.00
2106.507	EXCAVATION - COMMON (P)	CU YD	800.0	\$15.00	\$12,000.00
2106.507	GRANULAR EMBANKMENT (CV) (P)	CU YD	600.0	\$26.00	\$15,600.00
2106.507	SELECT GRANULAR EMBANKMENT MOD 7% (CV) (P)	CU YD	500.0	\$32.00	\$16,000.00
2118.507	AGGREGATE SURFACING (CV) CLASS 5 (P)	CU YD	400.0	\$42.00	\$16,800.00
2401.501	STRUCTURAL CONCRETE (3B52) (P)	CU YD	76.0	\$1,200.00	\$91,200.00
2401.503	TYPE P-2 (TL-4) BARRIER CONCRETE (3S52) (P)	LIN FT	189.0	\$120.00	\$22,680.00
2401.508	REINFORCEMENT BARS (EPOXY COATED) (P)	POUND	26280.0	\$1.50	\$39,420.00
2401.508	REINFORCEMENT BARS (STAINLESS-60 KSI) (P)	POUND	400.0	\$5.00	\$2,000.00
2401.518	BRIDGE SLAB CONCRETE (3Y42-M) (P)	SQ FT	2490.0	\$35.00	\$87,150.00
2401.601	STRUCTURE EXCAVATION	LUMP SUM	1.0	\$20,000.00	\$20,000.00
2401.601	SLOPE PREPARATION	LUMP SUM	1.0	\$10,000.00	\$10,000.00
2402.502	ELASTOMERIC BEARING PAD	EACH	12.0	\$250.00	\$3,000.00
2402.503	STRUCTURAL TUBE RAILING DESIGN T-1 (P)	LIN FT	176.0	\$200.00	\$35,200.00
2405.503	PRESTRESSED CONCRETE BEAMS 27M (P)	LIN FT	409.0	\$270.00	\$110,430.00
2406.504	BRIDGE APPROACH PANELS (P)	SQ YD	250.0	\$250.00	\$62,500.00
2442.501	REMOVE EXISTING BRIDGE	LUMP SUM	1.0	\$14,000.00	\$14,000.00
2452.502	STEEL H-TEST PILE 60 FT LONG 12"	EACH	2.0	\$6,000.00	\$12,000.00
2452.502	PILE TIP PROTECTION	EACH	14.0	\$280.00	\$3,920.00
2452.603	STEEL H-PILING 12"	LIN FT	960.0	\$41.00	\$39,360.00
2452.618	STEEL SHEET PILE (PERMANENT)	SQ FT	2000.0	\$75.00	\$150,000.00
2502.501	DRAINAGE SYSTEM TYPE (B910)	LUMP SUM	1.0	\$2,500.00	\$2,500.00
2511.504	GEOTEXTILE FILTER TYPE 7	SQ YD	890.0	\$4.00	\$3,560.00
2511.507	RANDOM RIPRAP CLASS III	CU YD	460.0	\$85.00	\$39,100.00
2554.502	END TREATMENT-TANGENT TERMINAL	EACH	4.0	\$4,000.00	\$16,000.00
2554.503	TRAFFIC BARRIER DESIGN SPECIAL	LIN FT	100.0	\$70.00	\$7,000.00
2554.503	TRAFFIC BARRIER DESIGN B8307	LIN FT	100.0	\$60.00	\$6,000.00
2563.601	TRAFFIC CONTROL	LUMP SUM	1.0	\$6,500.00	\$6,500.00
2573.501	EROSION CONTROL SUPERVISOR	LUMP SUM	1.0	\$1,000.00	\$1,000.00
2573.503	SILT FENCE, TYPE HI	LIN FT	2000.0	\$4.00	\$8,000.00
2573.503	FLOTATION SILT CURTAIN TYPE MOVING WATER	LIN FT	295.0	\$60.00	\$17,700.00
2574.507	COMMON TOPSOIL BORROW	CU YD	250.0	\$48.00	\$12,000.00
2574.508	FERTILIZER TYPE 3	POUND	150.0	\$10.00	\$1,500.00
2575.504	EROSION CONTROL BLANKETS CATEGORY 3n	SQ YD	3673.0	\$2.40	\$8,815.20
2575.505	SEEDING	ACRE	0.5	\$500.00	\$250.00
2575.508	SEED MIXTURE 36-311	POUND	30.0	\$5.00	\$150.00
2575.523	RAPID STABILIZATION METHOD 3	M GALLON	1.0	\$600.00	\$600.00

Total Bridge Construction Costs \$983,635.20



BRIDGE NO. L1037 (SLC #288) BUDGET

1. Administrative and legal expenses	\$ 5,000.00
2. Land, structures, rights-of-way, appraisals, etc.	\$ 1,000.00
3. Relocation expenses and payments	\$ -
4. Architectural and engineering fees	\$ 45,000.00
5. Other architectural and engineering fees	\$ 31,300.00
6. Project inspection fees	\$ 80,000.00
7. Site work	\$ -
8. Demolition and removal	\$ 15,000.00
9. Construction	\$ 627,103.30
10. Equipment	\$ -
11. Miscellaneous	\$ -
TOTAL PROJECT COSTS	\$ 804,403.30

ENGINEER'S ESTIMATE

Project Number: 0000-432198
Project Title or Road Number: Bridge NO. L1037 (SLC #288)
Work Type: Bridge Construction

Item No.	Description	Units	Quantity	Unit Price	Total Price
2021.501	MOBILIZATION	LUMP SUM	1.0	\$47,000.00	\$47,000.00
2031.502	FIELD OFFICE TYPE D	EACH	1.0	\$10,000.00	\$10,000.00
2101.501	CLEARING & GRUBBING	LUMP SUM	1.0	\$3,500.00	\$3,500.00
2104.502	SALVAGE SIGN	EACH	4.0	\$200.00	\$800.00
2104.503	REMOVE PIPE CULVERTS	LIN FT	20.0	\$8.00	\$160.00
2105.601	DEWATERING	LUMP SUM	1.0	\$5,000.00	\$5,000.00
2106.507	EXCAVATION - COMMON (EV) (P)	CU YD	866.0	\$16.00	\$13,856.00
2106.507	SELECT GRANULAR EMBANKMENT MOD 7% (CV) (P)	CU YD	827.0	\$43.00	\$35,561.00
2106.507	GRANULAR EMBANKMENT (CV) (P)	CU YD	390.0	\$40.00	\$15,600.00
2118.507	AGGREGATE SURFACING (CV) CLASS 5 (P)	CU YD	320.0	\$48.00	\$15,360.00
2401.503	TYPE P-2 (TL-4) RAILING CONCRETE (3S52) (P)	LIN FT	160.0	\$125.00	\$20,000.00
2401.507	STRUCTURAL CONCRETE (3B52) (P)	CU YD	70.0	\$1,200.00	\$84,000.00
2401.508	REINFORCEMENT BARS (EPOXY COATED) (P)	POUND	21860.0	\$1.35	\$29,511.00
2401.508	REINFORCEMENT BARS (STAINLESS-60 KSI) (P)	POUND	460.0	\$6.00	\$2,760.00
2401.518	BRIDGE SLAB CONCRETE (3Y42-M) (P)	SQ FT	1970.0	\$35.00	\$68,950.00
2401.601	STRUCTURE EXCAVATION	LUMP SUM	1.0	\$10,000.00	\$10,000.00
2401.601	SLOPE PREPARATION	LUMP SUM	1.0	\$7,500.00	\$7,500.00
2402.503	STRUCTURAL TUBE RAILING DESIGN T-1 (P)	LIN FT	148.0	\$120.00	\$17,760.00
2402.503	ELASTOMERIC BEARING PAD TYPE 1	EACH	12.0	\$300.00	\$3,600.00
2405.503	PRESTRESSED CONCRETE BEAMS 22RB (P)	LIN FT	325.0	\$260.00	\$84,500.00
2406.504	BRIDGE APPROACH PANELS (P)	SQ YD	226.0	\$225.00	\$50,850.00
2442.501	REMOVE EXISTING BRIDGE	LUMP SUM	1.0	\$15,000.00	\$15,000.00
2452.502	STEEL H-TEST PILE 60 FT LONG 12"	EACH	2.0	\$6,000.00	\$12,000.00
2452.502	PILE TIP PROTECTION	EACH	14.0	\$150.00	\$2,100.00
2452.603	STEEL H-PILING 12"	LIN FT	550.0	\$1.50	\$825.00
2502.501	DRAINAGE SYSTEM TYPE (B910)	LUMP SUM	1.0	\$3,000.00	\$3,000.00
2511.504	GEOTEXTILE FILTER TYPE 7	SQ YD	545.0	\$3.50	\$1,907.50
2511.507	RANDOM RIPRAP CLASS III	CU YD	290.0	\$75.00	\$21,750.00
2511.507	RANDOM RIPRAP CLASS II	CU YD	4.0	\$85.00	\$340.00
2554.502	END TREATMENT TANGENT TERMINAL	EACH	4.0	\$2,800.00	\$11,200.00
2554.503	TRAFFIC BARRIER DESIGN SPECIAL	LIN FT	100.0	\$85.00	\$8,500.00
2554.503	TRAFFIC BARRIER DESIGN B8307	LIN FT	100.0	\$30.00	\$3,000.00
2563.601	TRAFFIC CONTROL	LUMP SUM	1.0	\$5,500.00	\$5,500.00
2573.501	EROSION CONTROL SUPERVISOR	LUMP SUM	1.0	\$1,000.00	\$1,000.00
2573.503	SILT FENCE, TYPE HI	LIN FT	1925.0	\$4.00	\$7,700.00
2573.503	FLOTATION SILT CURTAIN TYPE MOVING WATER	LIN FT	200.0	\$24.00	\$4,800.00
2574.507	COMMON TOPSOIL BORROW	CU YD	161.0	\$60.00	\$9,660.00
2574.508	FERTILIZER TYPE 3	POUND	140.0	\$2.00	\$280.00
2575.504	EROSION CONTROL BLANKETS CATEGORY 3N	SQ YD	1936.0	\$2.80	\$5,420.80
2575.505	SEEDING	ACRE	0.4	\$500.00	\$200.00
2575.508	SEED MIXTURE 36-311	POUND	28.0	\$5.00	\$140.00
2575.523	RAPID STABILIZATION METHOD 3	M GALLON	0.8	\$1,800.00	\$1,512.00

Total Bridge Construction Costs \$642,103.30



BRIDGE NO. 92104 (SLC #631) BUDGET

1.	Administrative and legal expenses	\$	5,000.00
2.	Land, structures, rights-of-way, appraisals, etc.	\$	1,700.00
3.	Relocation expenses and payments	\$	-
4.	Architectural and engineering fees	\$	70,000.00
5.	Other architectural and engineering fees	\$	31,300.00
6.	Project inspection fees	\$	120,000.00
7.	Site work	\$	-
8.	Demolition and removal	\$	20,000.00
9.	Construction	\$	1,176,078.00
10.	Equipment	\$	-
11.	Miscellaneous	\$	-
TOTAL PROJECT COSTS		\$	1,424,078.00

ENGINEER'S ESTIMATE

Project Number: 0000-432198
Project Title or Road Number: Bridge NO. 92104 (SLC #631)
Work Type: Bridge Construction

Item No.	Description	Units	Quantity	Unit Price	Total Price
2021.501	MOBILIZATION	LUMP SUM	1.0	\$75,000.00	\$75,000.00
2031.502	FIELD OFFICE TYPE D	EACH	1.0	\$13,000.00	\$13,000.00
2101.501	CLEARING & GRUBBING	LUMP SUM	1.0	\$5,500.00	\$5,500.00
2104.502	SALVAGE SIGN	EACH	6.0	\$150.00	\$900.00
2104.503	REMOVE PIPE CULVERTS	LIN FT	31.0	\$24.00	\$744.00
2105.601	DEWATERING	LUMP SUM	1.0	\$6,000.00	\$6,000.00
2106.507	EXCAVATION - COMMON (EV) (P)	CU YD	2804.0	\$8.50	\$23,834.00
2106.507	GRANULAR EMBANKMENT (CV) (P)	CU YD	98.0	\$20.00	\$1,960.00
2106.507	SELECT GRANULAR EMBANKMENT MOD 7% (CV) (P)	CU YD	1060.0	\$26.00	\$27,560.00
2118.507	AGGREGATE SURFACING (CV) CLASS 5 (P)	CU YD	248.0	\$40.00	\$9,920.00
2401.503	TYPE P-2 (TL-4) RAILING CONCRETE (3Y46) (P)	LIN FT	317.0	\$130.00	\$41,210.00
2401.507	STRUCTURAL CONCRETE (1G52) (P)	CU YD	96.0	\$850.00	\$81,600.00
2401.507	STRUCTURAL CONCRETE (3B52) (P)	CU YD	106.0	\$1,200.00	\$127,200.00
2401.508	REINFORCEMENT BARS (P)	POUND	6330.0	\$1.70	\$10,761.00
2401.508	REINFORCEMENT BARS (EPOXY COATED) (P)	POUND	39440.0	\$1.75	\$69,020.00
2401.508	REINFORCEMENT BARS (STAINLESS-60 KSI) (P)	POUND	430.0	\$6.00	\$2,580.00
2401.518	BRIDGE SLAB CONCRETE (3Y33) (P)	SQ FT	3718.0	\$33.00	\$122,694.00
2401.601	STRUCTURE EXCAVATION	LUMP SUM	1.0	\$18,000.00	\$18,000.00
2401.601	SLOPE PREPARATION	LUMP SUM	1.0	\$15,000.00	\$15,000.00
2402.502	BEARING ASSEMBLY	EACH	10.0	\$1,500.00	\$15,000.00
2402.503	STRUCTURAL TUBE RAILING DESIGN T-1 (P)	LIN FT	305.0	\$160.00	\$48,800.00
2405.503	PRESTRESSED CONCRETE BEAMS MN45 (P)	LIN FT	581.0	\$330.00	\$191,730.00
2405.503	DIAPHRAGMS FOR TYPE MN45 PREST BEAMS (P)	LIN FT	51.0	\$85.00	\$4,335.00
2406.504	BRIDGE APPROACH PANELS (P)	SQ YD	206.0	\$280.00	\$57,680.00
2442.501	REMOVE EXISTING BRIDGE	LUMP SUM	1.0	\$20,000.00	\$20,000.00
2452.502	STEEL H-TEST PILE 60 FT LONG 12"	EACH	4.0	\$7,500.00	\$30,000.00
2452.502	PILE TIP PROTECTION 12"	EACH	30.0	\$350.00	\$10,500.00
2452.503	STEEL H-PILING DRIVEN 12"	LIN FT	1300.0	\$2.00	\$2,600.00
2452.503	STEEL H-PILING DELIVERED 12"	LIN FT	1300.0	\$45.00	\$58,500.00
2502.501	DRAINAGE SYSTEM TYPE (B910)	LUMP SUM	1.0	\$3,500.00	\$3,500.00
2511.504	GEOTEXTILE FILTER TYPE 7	SQ YD	810.0	\$4.50	\$3,645.00
2511.507	RANDOM RIPRAP CLASS III	CU YD	420.0	\$78.00	\$32,760.00
2511.507	RANDOM RIPRAP CLASS II	CU YD	5.0	\$80.00	\$400.00
2554.502	END TREATMENT TANGENT TERMINAL	EACH	4.0	\$2,850.00	\$11,400.00
2554.503	TRAFFIC BARRIER DESIGN SPECIAL	LIN FT	100.0	\$70.00	\$7,000.00
2554.503	TRAFFIC BARRIER DESIGN B8307	LIN FT	75.0	\$50.00	\$3,750.00
2563.601	TRAFFIC CONTROL	LUMP SUM	1.0	\$4,000.00	\$4,000.00
2573.501	EROSION CONTROL SUPERVISOR	LUMP SUM	1.0	\$3,500.00	\$3,500.00
2573.503	SILT FENCE, TYPE HI	LIN FT	1930.0	\$2.90	\$5,597.00
2573.503	FLOTATION SILT CURTAIN TYPE MOVING WATER	LIN FT	230.0	\$38.00	\$8,740.00
2574.507	COMMON TOPSOIL BORROW	CU YD	280.0	\$30.00	\$8,400.00
2574.508	FERTILIZER TYPE 3	POUND	245.0	\$1.40	\$343.00
2575.504	EROSION CONTROL BLANKETS CATEGORY 3N	SQ YD	3360.0	\$2.50	\$8,400.00
2575.505	SEEDING	ACRE	0.7	\$350.00	\$245.00
2575.508	SEED MIXTURE 36-311	POUND	50.0	\$32.00	\$1,600.00
2575.523	RAPID STABILIZATION METHOD 3	M GALLON	1.8	\$650.00	\$1,170.00

Total Bridge Construction Costs \$1,196,078.00



BRIDGE NO. 69845 (SLC #918)		
1.	Administrative and legal expenses	\$ 5,000.00
2.	Land, structures, rights-of-way, appraisals, etc.	\$ -
3.	Relocation expenses and payments	\$ -
4.	Architectural and engineering fees	\$ 120,000.00
5.	Other architectural and engineering fees	\$ 35,000.00
6.	Project inspection fees	\$ 220,000.00
7.	Site work	\$ -
8.	Demolition and removal	\$ 30,000.00
9.	Construction	\$ 2,261,949.00
10.	Equipment	\$ -
11.	Miscellaneous	\$ -
TOTAL PROJECT COSTS		\$ 2,671,949.00

ENGINEER'S ESTIMATE

Project Number: 0000-432198
Project Title or Road Number: Bridge No. 69845 (SLC #918)
Work Type: Bridge Construction

Item No.	Description	Units	Quantity	Unit Price	Total Price
2021.501	MOBILIZATION	LUMP SUM	1.0	\$150,000.00	\$150,000.00
2021.601	RAILROAD PROTECTIVE SERVICES	LUMP SUM	1.0	\$85,000.00	\$85,000.00
2031.502	FIELD OFFICE TYPE D	EACH	1.0	\$8,000.00	\$8,000.00
2101.501	CLEARING & GRUBBING	LUMP SUM	1.0	\$3,000.00	\$3,000.00
2104.502	SALVAGE SIGN	EACH	7.0	\$100.00	\$700.00
2104.503	REMOVE PIPE SEWERS	LIN FT	200.0	\$40.00	\$8,000.00
2104.602	PLUG FILL AND ABANDON PIPE CULVERT	EACH	2.0	\$15,000.00	\$30,000.00
2105.601	DEWATERING	LUMP SUM	1.0	\$12,000.00	\$12,000.00
2106.507	EXCAVATION - COMMON (P)	CU YD	1500.0	\$15.00	\$22,500.00
2106.507	GRANULAR EMBANKMENT (CV) (P)	CU YD	800.0	\$26.00	\$20,800.00
2106.507	SELECT GRANULAR EMBANKMENT MOD 7% (CV) (P)	CU YD	1700.0	\$32.00	\$54,400.00
2118.507	AGGREGATE SURFACING (CV) CLASS 5 (P)	CU YD	600.0	\$42.00	\$25,200.00
2360.509	TYPE SP 12.5 WEARING COURSE MIX (3;C)	TON	800.0	\$90.00	\$72,000.00
2401.501	STRUCTURAL CONCRETE (1G52) (P)	CU YD	99.0	\$600.00	\$59,400.00
2401.501	STRUCTURAL CONCRETE (3B52) (P)	CU YD	200.0	\$1,100.00	\$220,000.00
2401.503	TYPE P-1 BARRIER CONCRETE (3S52)	LIN FT	253.0	\$100.00	\$25,300.00
2401.503	TYPE S (TL-4) BARRIER CONCRETE (3S52)	LIN FT	253.0	\$120.00	\$30,360.00
2401.508	REINFORCEMENT BARS	POUND	7650.0	\$1.10	\$8,415.00
2401.508	REINFORCEMENT BARS (EPOXY COATED) (P)	POUND	69700.0	\$1.75	\$121,975.00
2401.508	SPIRAL REINFORCEMENT (EPOXY COATED) (P)	POUND	1000.0	\$5.00	\$5,000.00
2401.508	REINFORCEMENT BARS (STAINLESS-60 KSI) (P)	POUND	500.0	\$4.00	\$2,000.00
2401.518	BRIDGE SLAB CONCRETE (3Y42-M) (P)	SQ FT	9968.0	\$28.00	\$279,104.00
2401.518	SIDEWALK CONCRETE (3S52)	SQ FT	1599.0	\$25.00	\$39,975.00
2401.601	STRUCTURE EXCAVATION	LUMP SUM	1.0	\$25,000.00	\$25,000.00
2401.601	SLOPE PREPARATION	LUMP SUM	1.0	\$15,000.00	\$15,000.00
2402.502	BEARING ASSEMBLY	EACH	14.0	\$1,500.00	\$21,000.00
2402.502	ELASTOMERIC BEARING PAD	EACH	14.0	\$500.00	\$7,000.00
2402.603	METAL RAILING FOR BIKEWAYS	LIN FT	253.0	\$140.00	\$35,420.00
2405.503	PRESTRESSED CONCRETE BEAMS MN45 (P)	LIN FT	1400.0	\$275.00	\$385,000.00
2405.503	DIAPHRAGMS FOR MN45 PREST BEAMS	LIN FT	120.0	\$85.00	\$10,200.00
2406.504	BRIDGE APPROACH PANELS (P)	SQ YD	200.0	\$275.00	\$55,000.00
2442.501	REMOVE EXISTING BRIDGE	LUMP SUM	1.0	\$30,000.00	\$30,000.00
2452.502	STEEL H-TEST PILE 60 FT LONG 12"	EACH	8.0	\$5,000.00	\$40,000.00
2452.502	PILE TIP PROTECTION	EACH	20.0	\$350.00	\$7,000.00
2452.603	PREBORING (EARTH)	LIN FT	405.0	\$200.00	\$81,000.00
2452.603	STEEL H-PILING 12"	LIN FT	1000.0	\$55.00	\$55,000.00
2452.603	ROCK SOCKET	LIN FT	135.0	\$200.00	\$27,000.00
2502.501	DRAINAGE SYSTEM TYPE (B910)	LUMP SUM	1.0	\$5,000.00	\$5,000.00
2511.504	GEOTEXTILE FILTER TYPE 7	SQ YD	1200.0	\$3.00	\$3,600.00
2511.507	RANDOM RIPRAP CLASS IV	CU YD	750.0	\$100.00	\$75,000.00
2514.504	STABILIZED AGGREGATE SLOPE PAVING	SQ YD	800.0	\$15.00	\$12,000.00
2521.518	4" SIDEWALK CONCRETE	SQ FT	3000.0	\$9.00	\$27,000.00
2531.503	CONCRETE CURB AND GUTTER DESIGN B624	LIN FT	1200.0	\$24.00	\$28,800.00
2554.502	END TREATMENT-TANGENT TERMINAL	EACH	4.0	\$2,800.00	\$11,200.00
2554.503	TRAFFIC BARRIER DESIGN SPECIAL	LIN FT	100.0	\$35.00	\$3,500.00
2554.503	TRAFFIC BARRIER DESIGN B8307	LIN FT	100.0	\$25.00	\$2,500.00
2573.501	EROSION CONTROL SUPERVISOR	LUMP SUM	1.0	\$1,000.00	\$1,000.00
2573.503	SILT FENCE, TYPE HI	LIN FT	2000.0	\$4.00	\$8,000.00
2574.507	COMMON TOPSOIL BORROW	CU YD	500.0	\$48.00	\$24,000.00
2574.508	FERTILIZER TYPE 3	POUND	300.0	\$10.00	\$3,000.00
2575.504	EROSION CONTROL BLANKETS CATEGORY 3N	SQ YD	3500.0	\$2.40	\$8,400.00
2575.505	SEEDING	ACRE	1.0	\$500.00	\$500.00
2575.508	SEED MIXTURE 36-311	POUND	100.0	\$5.00	\$500.00
2575.523	RAPID STABILIZATION METHOD 3	M GALLON	2.0	\$600.00	\$1,200.00

Total Bridge Construction Costs \$2,291,949.00



BRIDGE NO. 69502 (SLC #195)		
1.	Administrative and legal expenses	\$ 5,000.00
2.	Land, structures, rights-of-way, appraisals, etc.	\$ 7,000.00
3.	Relocation expenses and payments	\$ -
4.	Architectural and engineering fees	\$ 80,000.00
5.	Other architectural and engineering fees	\$ 45,300.00
6.	Project inspection fees	\$ 150,000.00
7.	Site work	\$ -
8.	Demolition and removal	\$ 25,000.00
9.	Construction	\$ 1,382,970.00
10.	Equipment	\$ -
11.	Miscellaneous	\$ -
TOTAL PROJECT COSTS		\$ 1,695,270.00

ENGINEER'S ESTIMATE

Project Number: 0000-432198
Project Title or Road Number: Bridge No. 69502 (SLC #195)
Work Type: Bridge Construction

Item No.	Description	Units	Quantity	Unit Price	Total Price
2021.501	MOBILIZATION	LUMP SUM	1.0	\$100,000.00	\$100,000.00
2031.501	FIELD OFFICE TYPE D	EACH	1.0	\$9,000.00	\$9,000.00
2101.501	CLEARING & GRUBBING	LUMP SUM	1.0	\$2,500.00	\$2,500.00
2104.502	SALVAGE SIGN	EACH	2.0	\$40.00	\$80.00
2104.503	SAWING BIT PAVEMENT (FULL DEPTH)	LIN FT	50.0	\$3.00	\$150.00
2105.602	DEWATERING	EACH	1.0	\$5,000.00	\$5,000.00
2106.507	SELECT GRANULAR EMBANKMENT MOD 7% (CV) (P)	CU YD	500.0	\$10.00	\$5,000.00
2106.507	EXCAVATION - COMMON (P)	CU YD	1200.0	\$8.00	\$9,600.00
2106.507	GRANULAR EMBANKMENT (CV) (P)	CU YD	800.0	\$20.00	\$16,000.00
2211.507	AGGREGATE BASE (CV) CLASS 5 (P)	CU YD	400.0	\$32.00	\$12,800.00
2221.507	SHOULDER BASE AGGREGATE (CV) CLASS 5 (P)	CU YD	60.0	\$25.00	\$1,500.00
2357.606	BITUMINOUS MATERIAL FOR SHOULDER TACK	GALLON	500.0	\$4.00	\$2,000.00
2360.509	TYPE SP 12.5 WEARING COURSE MIX (3;C)	TON	500.0	\$90.00	\$45,000.00
2401.501	STRUCTURAL CONCRETE (3B52) (P)	CU YD	230.0	\$1,100.00	\$253,000.00
2401.503	TYPE P-2 (TL-4) BARRIER CONCRETE (3S52) (P)	LIN FT	460.0	\$120.00	\$55,200.00
2401.508	REINFORCEMENT BARS (EPOXY COATED) (P)	POUND	70000.0	\$1.25	\$87,500.00
2401.508	REINFORCEMENT BARS (STAINLESS-60KSI) (P)	POUND	420.0	\$5.00	\$2,100.00
2401.518	BRIDGE SLAB CONCRETE (3Y42-M) (P)	SQ FT	7100.0	\$30.00	\$213,000.00
2401.601	STRUCTURE EXCAVATION	LUMP SUM	1.0	\$15,000.00	\$15,000.00
2401.601	SLOPE PREPARATION	LUMP SUM	1.0	\$7,500.00	\$7,500.00
2402.502	ELASTOMERIC BEARING PAD	EACH	30.0	\$100.00	\$3,000.00
2402.503	STRUCTURAL TUBE RAILING DESIGN T-1 (P)	LIN FT	448.0	\$125.00	\$56,000.00
2405.503	PRESTRESSED CONCRETE BEAMS 27M (P)	LIN FT	1000.0	\$275.00	\$275,000.00
2406.504	BRIDGE APPROACH PANELS (P)	SQ YD	154.0	\$210.00	\$32,340.00
2442.501	REMOVE EXISTING BRIDGE	LUMP SUM	1.0	\$25,000.00	\$25,000.00
2452.502	STEEL H-TEST PILE 60 FT LONG 12"	EACH	4.0	\$6,000.00	\$24,000.00
2452.502	PILE TIP PROTECTION	EACH	28.0	\$125.00	\$3,500.00
2452.603	STEEL H-PILING 12"	LIN FT	1680.0	\$30.00	\$50,400.00
2502.501	DRAINAGE SYSTEM TYPE (B910)	LUMP SUM	1.0	\$1,500.00	\$1,500.00
2511.504	GEOTEXTILE FILTER TYPE 7	SQ YD	710.0	\$2.00	\$1,420.00
2511.507	RANDOM RIPRAP CLASS III	CU YD	420.0	\$75.00	\$31,500.00
2554.502	END TREATMENT-TANGENT TERMINAL	EACH	4.0	\$2,500.00	\$10,000.00
2554.503	TRAFFIC BARRIER DESIGN SPECIAL	LIN FT	100.0	\$75.00	\$7,500.00
2554.503	TRAFFIC BARRIER DESIGN B8307	LIN FT	100.0	\$25.00	\$2,500.00
2563.601	TRAFFIC CONTROL	LUMP SUM	1.0	\$10,000.00	\$10,000.00
2573.501	EROSION CONTROL SUPERVISOR	LUMP SUM	1.0	\$1,000.00	\$1,000.00
2573.503	FLOTATION SILT CURTAIN TYPE MOVING WATER	LIN FT	100.0	\$15.00	\$1,500.00
2573.503	SILT FENCE; TYPE HI	LIN FT	2000.0	\$4.00	\$8,000.00
2574.507	COMMON TOPSOIL BORROW	CU YD	500.0	\$30.00	\$15,000.00
2574.508	FERTILIZER TYPE 3	POUND	80.0	\$1.00	\$80.00
2575.504	EROSION CONTROL BLANKETS CATEGORY 3N	SQ YD	2000.0	\$2.00	\$4,000.00
2575.505	SEEDING	ACRE	0.5	\$1,000.00	\$500.00
2575.508	SEED MIXTURE 25-141	POUND	30.0	\$10.00	\$300.00
2575.523	RAPID STABILIZATION METHOD 3	M GALLON	1.0	\$2,000.00	\$2,000.00

Total Bridge Construction Costs \$1,407,970.00



BRIDGE NO. 7770 (SLC #842)		
1.	Administrative and legal expenses	\$ 5,000.00
2.	Land, structures, rights-of-way, appraisals, etc.	\$ 2,100.00
3.	Relocation expenses and payments	\$ -
4.	Architectural and engineering fees	\$ 50,000.00
5.	Other architectural and engineering fees	\$ 31,300.00
6.	Project inspection fees	\$ 90,000.00
7.	Site work	\$ -
8.	Demolition and removal	\$ 14,000.00
9.	Construction	\$ 831,621.00
10.	Equipment	\$ -
11.	Miscellaneous	\$ -
TOTAL PROJECT COSTS		\$ 1,024,021.00

ENGINEER'S ESTIMATE

Project Number: 0000-432198
Project Title or Road Number: Bridge No. 7770 (SLC #842)
Work Type: Bridge Construction

Item No.	Description	Units	Quantity	Unit Price	Total Price
2021.501	MOBILIZATION	LUMP SUM	1.0	\$55,000.00	\$55,000.00
2031.501	FIELD OFFICE TYPE D	EACH	1.0	\$9,000.00	\$9,000.00
2101.501	CLEARING & GRUBBING	LUMP SUM	1.0	\$3,000.00	\$3,000.00
2105.601	DEWATERING	LUMP SUM	1.0	\$12,000.00	\$12,000.00
2106.507	EXCAVATION - COMMON (P)	CU YD	1772.0	\$15.00	\$26,580.00
2106.507	GRANULAR EMBANKMENT (CV) (P)	CU YD	806.0	\$26.00	\$20,956.00
2106.507	SELECT GRANULAR EMBANKMENT MOD 7% (CV) (P)	CU YD	785.0	\$32.00	\$25,120.00
2118.507	AGGREGATE SURFACING (CV) CLASS 5 (P)	CU YD	395.0	\$42.00	\$16,590.00
2401.501	STRUCTURAL CONCRETE (3B52) (P)	CU YD	76.0	\$1,200.00	\$91,200.00
2401.503	TYPE P-2 (TL-4) BARRIER CONCRETE (3S52) (P)	LIN FT	189.0	\$120.00	\$22,680.00
2401.508	REINFORCEMENT BARS (EPOXY COATED) (P)	POUND	26280.0	\$1.50	\$39,420.00
2401.508	REINFORCEMENT BARS (STAINLESS-60 KSI) (P)	POUND	400.0	\$5.00	\$2,000.00
2401.518	BRIDGE SLAB CONCRETE (3Y42-M) (P)	SQ FT	2490.0	\$35.00	\$87,150.00
2401.601	STRUCTURE EXCAVATION	LUMP SUM	1.0	\$20,000.00	\$20,000.00
2401.601	SLOPE PREPARATION	LUMP SUM	1.0	\$10,000.00	\$10,000.00
2402.502	ELASTOMERIC BEARING PAD	EACH	12.0	\$250.00	\$3,000.00
2402.503	STRUCTURAL TUBE RAILING DESIGN T-1 (P)	LIN FT	176.0	\$200.00	\$35,200.00
2405.503	PRESTRESSED CONCRETE BEAMS 27M (P)	LIN FT	409.0	\$270.00	\$110,430.00
2406.504	BRIDGE APPROACH PANELS (P)	SQ YD	250.0	\$250.00	\$62,500.00
2442.501	REMOVE EXISTING BRIDGE	LUMP SUM	1.0	\$14,000.00	\$14,000.00
2452.502	STEEL H-TEST PILE 60 FT LONG 12"	EACH	2.0	\$6,000.00	\$12,000.00
2452.502	PILE TIP PROTECTION	EACH	14.0	\$280.00	\$3,920.00
2452.603	STEEL H-PILING 12"	LIN FT	840.0	\$41.00	\$34,440.00
2502.501	DRAINAGE SYSTEM TYPE (B910)	LUMP SUM	1.0	\$2,500.00	\$2,500.00
2511.504	GEOTEXTILE FILTER TYPE 7	SQ YD	890.0	\$4.00	\$3,560.00
2511.507	RANDOM RIPRAP CLASS III	CU YD	460.0	\$85.00	\$39,100.00
2554.502	END TREATMENT-TANGENT TERMINAL	EACH	4.0	\$4,000.00	\$16,000.00
2554.503	TRAFFIC BARRIER DESIGN SPECIAL	LIN FT	100.0	\$70.00	\$7,000.00
2554.503	TRAFFIC BARRIER DESIGN B8307	LIN FT	100.0	\$60.00	\$6,000.00
2563.601	TRAFFIC CONTROL	LUMP SUM	1.0	\$6,500.00	\$6,500.00
2573.501	EROSION CONTROL SUPERVISOR	LUMP SUM	1.0	\$1,000.00	\$1,000.00
2573.503	SILT FENCE, TYPE HI	LIN FT	2000.0	\$4.00	\$8,000.00
2573.503	FLOTATION SILT CURTAIN TYPE MOVING WATER	LIN FT	295.0	\$60.00	\$17,700.00
2574.507	COMMON TOPSOIL BORROW	CU YD	300.0	\$48.00	\$14,400.00
2574.508	FERTILIZER TYPE 3	POUND	200.0	\$10.00	\$2,000.00
2575.504	EROSION CONTROL BLANKETS CATEGORY 3N	SQ YD	2000.0	\$2.40	\$4,800.00
2575.505	SEEDING	ACRE	0.3	\$500.00	\$125.00
2575.508	SEED MIXTURE 36-311	POUND	30.0	\$5.00	\$150.00
2575.523	RAPID STABILIZATION METHOD 3	M GALLON	1.0	\$600.00	\$600.00

Total Bridge Construction Costs\$ 845,621.00



BRIDGE NO. 7769 (SLC #844) BUDGET

1. Administrative and legal expenses	\$	5,000.00
2. Land, structures, rights-of-way, appraisals, etc.	\$	1,400.00
3. Relocation expenses and payments	\$	-
4. Architectural and engineering fees	\$	125,000.00
5. Other architectural and engineering fees	\$	50,500.00
6. Project inspection fees	\$	250,000.00
7. Site work	\$	-
8. Demolition and removal	\$	30,000.00
9. Construction	\$	2,261,685.00
10. Equipment	\$	-
11. Miscellaneous	\$	-
TOTAL PROJECT COSTS	\$	2,723,585.00

ENGINEER'S ESTIMATE

Project Number: 0000-432198
Project Title or Road Number: Bridge No. 7769 (SLC #844)
Work Type: Bridge Construction

Item No.	Description	Units	Quantity	Unit Price	Total Price
2021.501	MOBILIZATION	LUMP SUM	1.0	\$150,000.00	\$150,000.00
2021.601	RAILROAD PROTECTIVE SERVICES	LUMP SUM	1.0	\$85,000.00	\$85,000.00
2031.502	FIELD OFFICE TYPE D	EACH	1.0	\$9,000.00	\$9,000.00
2101.501	CLEARING & GRUBBING	LUMP SUM	1.0	\$5,000.00	\$5,000.00
2104.503	REMOVE PIPE SEWERS	LIN FT	150.0	\$40.00	\$6,000.00
2105.601	DEWATERING	LUMP SUM	1.0	\$12,000.00	\$12,000.00
2106.507	EXCAVATION - COMMON (P)	CU YD	7000.0	\$15.00	\$105,000.00
2106.507	GRANULAR EMBANKMENT (CV) (P)	CU YD	800.0	\$26.00	\$20,800.00
2106.507	SELECT GRANULAR EMBANKMENT MOD 7% (CV) (P)	CU YD	1700.0	\$32.00	\$54,400.00
2118.507	AGGREGATE SURFACING (CV) CLASS 5 (P)	CU YD	600.0	\$42.00	\$25,200.00
2360.509	TYPE SP 12.5 WEARING COURSE MIX (3;C)	TON	800.0	\$90.00	\$72,000.00
2401.501	STRUCTURAL CONCRETE (1G52) (P)	CU YD	157.0	\$600.00	\$94,200.00
2401.501	STRUCTURAL CONCRETE (3B52) (P)	CU YD	270.0	\$1,100.00	\$297,000.00
2401.503	TYPE P-2 (TL-2) BARRIER CONCRETE (3S52)	LIN FT	560.0	\$120.00	\$67,200.00
2401.508	REINFORCEMENT BARS	POUND	12300.0	\$1.10	\$13,530.00
2401.508	REINFORCEMENT BARS (EPOXY COATED) (P)	POUND	83000.0	\$1.75	\$145,250.00
2401.508	SPIRAL REINFORCEMENT (EPOXY COATED) (P)	POUND	1000.0	\$5.00	\$5,000.00
2401.508	REINFORCEMENT BARS (STAINLESS-60 KSI) (P)	POUND	500.0	\$4.00	\$2,000.00
2401.518	BRIDGE SLAB CONCRETE (3Y42-M) (P)	SQ FT	8750.0	\$30.00	\$262,500.00
2401.601	STRUCTURE EXCAVATION	LUMP SUM	1.0	\$25,000.00	\$25,000.00
2401.601	SLOPE PREPARATION	LUMP SUM	1.0	\$15,000.00	\$15,000.00
2402.502	BEARING ASSEMBLY	EACH	20.0	\$1,500.00	\$30,000.00
2402.502	ELASTOMERIC BEARING PAD	EACH	10.0	\$500.00	\$5,000.00
2402.603	STRUCTURAL TUBE RAILING DESIGN T-1 (P)	LIN FT	548.0	\$140.00	\$76,720.00
2405.503	PRESTRESSED CONCRETE BEAMS 36M (P)	LIN FT	1250.0	\$225.00	\$281,250.00
2405.503	DIAPHRAGMS FOR 36M PREST BEAMS	LIN FT	105.0	\$85.00	\$8,925.00
2406.504	BRIDGE APPROACH PANELS (P)	SQ YD	200.0	\$275.00	\$55,000.00
2442.501	REMOVE EXISTING BRIDGE	LUMP SUM	1.0	\$30,000.00	\$30,000.00
2452.502	STEEL H-TEST PILE 60 FT LONG 12"	EACH	8.0	\$5,000.00	\$40,000.00
2452.502	PILE TIP PROTECTION	EACH	20.0	\$350.00	\$7,000.00
2452.603	STEEL H-PILING 12"	LIN FT	2500.0	\$55.00	\$137,500.00
2502.501	DRAINAGE SYSTEM TYPE (B910)	LUMP SUM	1.0	\$5,000.00	\$5,000.00
2511.504	GEOTEXTILE FILTER TYPE 7	SQ YD	1200.0	\$3.00	\$3,600.00
2511.507	RANDOM RIPRAP CLASS IV	CU YD	750.0	\$100.00	\$75,000.00
2514.504	STABILIZED AGGREGATE SLOPE PAVING	SQ YD	800.0	\$15.00	\$12,000.00
2554.502	END TREATMENT-TANGENT TERMINAL	EACH	4.0	\$2,800.00	\$11,200.00
2554.503	TRAFFIC BARRIER DESIGN SPECIAL	LIN FT	100.0	\$35.00	\$3,500.00
2554.503	TRAFFIC BARRIER DESIGN B8307	LIN FT	100.0	\$25.00	\$2,500.00
2573.501	EROSION CONTROL SUPERVISOR	LUMP SUM	1.0	\$1,000.00	\$1,000.00
2573.503	SILT FENCE, TYPE HI	LIN FT	2000.0	\$4.00	\$8,000.00
2574.507	COMMON TOPSOIL BORROW	CU YD	300.0	\$48.00	\$14,400.00
2574.508	FERTILIZER TYPE 3	POUND	266.0	\$10.00	\$2,660.00
2575.504	EROSION CONTROL BLANKETS CATEGORY 3N	SQ YD	3500.0	\$2.40	\$8,400.00
2575.505	SEEDING	ACRE	1.0	\$500.00	\$500.00
2575.508	SEED MIXTURE 36-311	POUND	50.0	\$5.00	\$250.00
2575.523	RAPID STABILIZATION METHOD 3	M GALLON	2.0	\$600.00	\$1,200.00

Total Bridge Construction Costs\$ 2,291,685.00



U.S. Department of Transportation
**Federal Highway
Administration**



**SAINT
LOUIS
COUNTY
MINNESOTA**

BRIDGE NO. 88767 (SLC #872) BUDGET

1. Administrative and legal expenses	\$	5,000.00
2. Land, structures, rights-of-way, appraisals, etc.	\$	2,100.00
3. Relocation expenses and payments	\$	-
4. Architectural and engineering fees	\$	100,000.00
5. Other architectural and engineering fees	\$	50,300.00
6. Project inspection fees	\$	175,000.00
7. Site work	\$	-
8. Demolition and removal	\$	30,000.00
9. Construction	\$	1,751,150.00
10. Equipment	\$	-
11. Miscellaneous	\$	-
TOTAL PROJECT COSTS	\$	2,113,550.00

ENGINEER'S ESTIMATE

Project Number: 0000-432198
Project Title or Road Number: Bridge No. 88767 (SLC #872)
Work Type: Bridge Construction

Item No.	Description	Units	Quantity	Unit Price	Total Price
2021.501	MOBILIZATION	LUMP SUM	1.0	\$125,000.00	\$125,000.00
2021.601	RAILROAD PROTECTIVE SERVICES	LUMP SUM	1.0	\$85,000.00	\$85,000.00
2031.502	FIELD OFFICE TYPE D	EACH	1.0	\$9,000.00	\$9,000.00
2101.501	CLEARING & GRUBBING	LUMP SUM	1.0	\$5,000.00	\$5,000.00
2105.601	DEWATERING	LUMP SUM	1.0	\$12,000.00	\$12,000.00
2106.507	EXCAVATION - COMMON (P)	CU YD	1200.0	\$15.00	\$18,000.00
2106.507	GRANULAR EMBANKMENT (CV) (P)	CU YD	600.0	\$26.00	\$15,600.00
2106.507	SELECT GRANULAR EMBANKMENT MOD 7% (CV) (P)	CU YD	1100.0	\$32.00	\$35,200.00
2118.507	AGGREGATE SURFACING (CV) CLASS 5 (P)	CU YD	600.0	\$42.00	\$25,200.00
2360.509	TYPE SP 12.5 WEARING COURSE MIX (3;C)	TON	800.0	\$90.00	\$72,000.00
2401.501	STRUCTURAL CONCRETE (1G52) (P)	CU YD	157.0	\$600.00	\$94,200.00
2401.501	STRUCTURAL CONCRETE (3B52) (P)	CU YD	270.0	\$1,100.00	\$297,000.00
2401.503	TYPE P-2 (TL-2) BARRIER CONCRETE (3S52)	LIN FT	360.0	\$120.00	\$43,200.00
2401.508	REINFORCEMENT BARS	POUND	12300.0	\$1.10	\$13,530.00
2401.508	REINFORCEMENT BARS (EPOXY COATED) (P)	POUND	63000.0	\$1.75	\$110,250.00
2401.508	SPIRAL REINFORCEMENT (EPOXY COATED) (P)	POUND	1000.0	\$5.00	\$5,000.00
2401.508	REINFORCEMENT BARS (STAINLESS-60 KSI) (P)	POUND	500.0	\$4.00	\$2,000.00
2401.518	BRIDGE SLAB CONCRETE (3Y42-M) (P)	SQ FT	5250.0	\$32.00	\$168,000.00
2401.601	STRUCTURE EXCAVATION	LUMP SUM	1.0	\$25,000.00	\$25,000.00
2401.601	SLOPE PREPARATION	LUMP SUM	1.0	\$15,000.00	\$15,000.00
2402.502	BEARING ASSEMBLY	EACH	20.0	\$1,500.00	\$30,000.00
2402.502	ELASTOMERIC BEARING PAD	EACH	10.0	\$500.00	\$5,000.00
2402.603	STRUCTURAL TUBE RAILING DESIGN T-1 (P)	LIN FT	348.0	\$140.00	\$48,720.00
2405.503	PRESTRESSED CONCRETE BEAMS 27M (P)	LIN FT	750.0	\$200.00	\$150,000.00
2406.504	BRIDGE APPROACH PANELS (P)	SQ YD	200.0	\$275.00	\$55,000.00
2442.501	REMOVE EXISTING BRIDGE	LUMP SUM	1.0	\$30,000.00	\$30,000.00
2452.502	STEEL H-TEST PILE 60 FT LONG 12"	EACH	8.0	\$5,000.00	\$40,000.00
2452.502	PILE TIP PROTECTION	EACH	20.0	\$350.00	\$7,000.00
2452.603	STEEL H-PILING 12"	LIN FT	2500.0	\$55.00	\$137,500.00
2502.501	DRAINAGE SYSTEM TYPE (B910)	LUMP SUM	1.0	\$5,000.00	\$5,000.00
2511.504	GEOTEXTILE FILTER TYPE 7	SQ YD	800.0	\$3.00	\$2,400.00
2511.507	RANDOM RIPRAP CLASS IV	CU YD	500.0	\$100.00	\$50,000.00
2514.504	STABILIZED AGGREGATE SLOPE PAVING	SQ YD	500.0	\$15.00	\$7,500.00
2554.502	END TREATMENT-TANGENT TERMINAL	EACH	4.0	\$2,800.00	\$11,200.00
2554.503	TRAFFIC BARRIER DESIGN SPECIAL	LIN FT	100.0	\$35.00	\$3,500.00
2554.503	TRAFFIC BARRIER DESIGN B8307	LIN FT	100.0	\$25.00	\$2,500.00
2573.501	EROSION CONTROL SUPERVISOR	LUMP SUM	1.0	\$1,000.00	\$1,000.00
2573.503	SILT FENCE, TYPE HI	LIN FT	200.0	\$4.00	\$800.00
2574.507	COMMON TOPSOIL BORROW	CU YD	200.0	\$48.00	\$9,600.00
2574.508	FERTILIZER TYPE 3	POUND	100.0	\$10.00	\$1,000.00
2575.504	EROSION CONTROL BLANKETS CATEGORY 3N	SQ YD	2000.0	\$2.40	\$4,800.00
2575.505	SEEDING	ACRE	0.5	\$500.00	\$250.00
2575.508	SEED MIXTURE 36-311	POUND	40.0	\$5.00	\$200.00
2575.523	RAPID STABILIZATION METHOD 3	M GALLON	1.5	\$2,000.00	\$3,000.00

Total Bridge Construction Costs\$ 1,781,150.00



BRIDGE NO. 7659 (SLC #214) BUDGET

1. Administrative and legal expenses	\$	5,000.00
2. Land, structures, rights-of-way, appraisals, etc.	\$	1,400.00
3. Relocation expenses and payments	\$	-
4. Architectural and engineering fees	\$	18,000.00
5. Other architectural and engineering fees	\$	14,000.00
6. Project inspection fees	\$	30,000.00
7. Site work	\$	-
8. Demolition and removal	\$	20,000.00
9. Construction	\$	301,832.40
10. Equipment	\$	-
11. Miscellaneous	\$	-
TOTAL PROJECT COSTS	\$	390,232.40

ENGINEER'S ESTIMATE

Project Number: 0000-432198
Project Title or Road Number: Bridge No. 7659 (SLC #214)
Work Type: Bridge Construction

Item No.	Description	Units	Quantity	Unit Price	Total Price
2021.501	MOBILIZATION	LUMP SUM	1.0	\$25,000.00	\$25,000.00
2031.502	FIELD OFFICE TYPE D	EACH	1.0	\$8,000.00	\$8,000.00
2101.501	CLEARING & GRUBBING	LUMP SUM	1.0	\$3,000.00	\$3,000.00
2104.502	SALVAGE SIGN	EACH	4.0	\$100.00	\$400.00
2104.503	SALVAGE GUARDRAIL-PLATE BEAM	LIN FT	610.0	\$5.00	\$3,050.00
2105.601	DEWATERING	LUMP SUM	1.0	\$5,000.00	\$5,000.00
2105.504	GEOTEXTILE FILTER TYPE 6	SQ YD	708.0	\$4.00	\$2,832.00
2106.507	EXCAVATION - COMMON (P)	CU YD	923.0	\$10.00	\$9,230.00
2105.601	TEMPORARY STREAM DIVERSION SYSTEM	LUMP SUM	1.0	\$5,000.00	\$5,000.00
2106.507	SELECT GRANULAR EMBANKMENT (CV) (P)	CU YD	1064.0	\$20.00	\$21,280.00
2106.507	SELECT GRANULAR EMBANKMENT MOD 7% (CV) (P)	CU YD	454.0	\$26.00	\$11,804.00
2118.507	AGGREGATE SURFACING (CV) CLASS 5 (P)	CU YD	654.0	\$25.00	\$16,350.00
2357.606	BITUMINOUS MATERIAL FOR SHOULDER TACK	GALLON	64.0	\$3.00	\$192.00
2412.502	10X8 PRECAST CONCRETE BOX CULV END SECT	EACH	4.0	\$13,000.00	\$52,000.00
2412.503	10X8 PRECAST CONCRETE BOX CULVERT	LIN FT	108.0	\$780.00	\$84,240.00
2442.501	REMOVE EXISTING BRIDGE	LUMP SUM	1.0	\$20,000.00	\$20,000.00
2451.507	COARSE AGGREGATE BEDDING (CV) (P)	CU YD	225.0	\$35.00	\$7,875.00
2501.502	INSTALL CULVERT MARKER	EACH	4.0	\$90.00	\$360.00
2501.502	48" CAS PIPE APRON	EACH	2.0	\$450.00	\$900.00
2501.503	48" CAS PIPE CULVERT	LIN FT	60.0	\$84.00	\$5,040.00
2501.507	CULVERT EXCAVATION CLASS U (P)	CU YD	593.0	\$15.00	\$8,895.00
2511.507	RANDOM RIPRAP CLASS III	CU YD	45.0	\$75.00	\$3,375.00
2563.601	TRAFFIC CONTROL	LUMP SUM	1.0	\$5,000.00	\$5,000.00
2573.501	EROSION CONTROL SUPERVISOR	LUMP SUM	1.0	\$1,000.00	\$1,000.00
2573.503	SILT FENCE; TYPE HI	LIN FT	755.0	\$4.00	\$3,020.00
2574.507	COMMON TOPSOIL BORROW	CU YD	195.0	\$48.00	\$9,360.00
2574.508	FERTILIZER TYPE 3	POUND	161.0	\$2.00	\$322.00
2575.504	EROSION CONTROL BLANKETS CATEGORY 3N	SQ YD	2226.0	\$2.40	\$5,342.40
2575.505	SEEDING	ACRE	0.5	\$500.00	\$230.00
2575.508	SEED MIXTURE 25-141	POUND	32.0	\$5.00	\$160.00
2575.523	RAPID STABILIZATION METHOD 3	M GALLON	5.5	\$650.00	\$3,575.00

Total Bridge Construction Costs \$321,832.40



BRIDGE NO. 69502 (SLC #695) BUDGET

1. Administrative and legal expenses	\$	5,000.00
2. Land, structures, rights-of-way, appraisals, etc.	\$	2,500.00
3. Relocation expenses and payments	\$	-
4. Architectural and engineering fees	\$	20,000.00
5. Other architectural and engineering fees	\$	15,300.00
6. Project inspection fees	\$	35,000.00
7. Site work	\$	-
8. Demolition and removal	\$	25,000.00
9. Construction	\$	687,919.00
10. Equipment	\$	-
11. Miscellaneous	\$	-
TOTAL PROJECT COSTS	\$	790,719.00

ENGINEER'S ESTIMATE

Project Number: 0000-432198
Project Title or Road Number: Bridge No. 69502 (SLC #695)
Work Type: Bridge Construction

Item No.	Description	Units	Quantity	Unit Price	Total Price
2021.501	MOBILIZATION	LUMP SUM	1.0	\$30,000.00	\$30,000.00
2031.502	FIELD OFFICE TYPE D	EACH	1.0	\$8,000.00	\$8,000.00
2101.501	CLEARING & GRUBBING	LUMP SUM	1.0	\$5,500.00	\$5,500.00
2104.503	SALVAGE GUARDRAIL-PLATE BEAM	LIN FT	1207.0	\$5.00	\$6,035.00
2105.601	DEWATERING	LUMP SUM	1.0	\$5,000.00	\$5,000.00
2105.504	GEOTEXTILE FILTER TYPE 6	SQ YD	2009.0	\$4.00	\$8,036.00
2106.507	EXCAVATION - COMMON (P)	CU YD	3115.0	\$10.00	\$31,150.00
2105.601	TEMPORARY STREAM DIVERSION SYSTEM	LUMP SUM	1.0	\$5,000.00	\$5,000.00
2106.507	SELECT GRANULAR EMBANKMENT (CV) (P)	CU YD	4874.0	\$20.00	\$97,480.00
2106.507	SELECT GRANULAR EMBANKMENT MOD 7% (CV) (P)	CU YD	2693.0	\$26.00	\$70,018.00
2211.507	AGGREGATE BASE (CV) CLASS 5 (P)	CU YD	691.0	\$20.00	\$13,820.00
2221.507	SHOULDER BASE AGGREGATE (CV) CLASS 5 (P)	CU YD	122.0	\$25.00	\$3,050.00
2357.506	BITUMINOUS MATERIAL FOR TACK COAT	GALLON	576.0	\$3.00	\$1,728.00
2357.606	BITUMINOUS MATERIAL FOR SHOULDER TACK	GALLON	96.0	\$3.00	\$288.00
2360.509	TYPE SP 12.5 WEARING COURSE MIX (3;C)	TON	135.0	\$45.00	\$6,075.00
2360.509	TYPE SP 12.5 NON WEAR COURSE MIX (3;C)	TON	360.0	\$45.00	\$16,200.00
2412.502	10X10 PRECAST CONCRETE BOX CULV END SECT	EACH	4.0	\$14,000.00	\$56,000.00
2412.503	10X10 PRECAST CONCRETE BOX CULVERT	LIN FT	224.0	\$850.00	\$190,400.00
2442.501	REMOVE EXISTING BRIDGE	LUMP SUM	1.0	\$25,000.00	\$25,000.00
2451.507	COARSE AGGREGATE BEDDING (CV) (P)	CU YD	364.0	\$35.00	\$12,740.00
2501.502	INSTALL CULVERT MARKER	EACH	4.0	\$90.00	\$360.00
2501.507	CULVERT EXCAVATION CLASS U (P)	CU YD	4336.0	\$15.00	\$65,040.00
2511.507	RANDOM RIPRAP CLASS III	CU YD	51.0	\$75.00	\$3,825.00
2563.601	TRAFFIC CONTROL	LUMP SUM	1.0	\$3,000.00	\$3,000.00
2573.501	EROSION CONTROL SUPERVISOR	LUMP SUM	1.0	\$1,000.00	\$1,000.00
2573.503	SILT FENCE; TYPE HI	LIN FT	1450.0	\$4.00	\$5,800.00
2574.507	COMMON TOPSOIL BORROW	CU YD	403.0	\$48.00	\$19,344.00
2574.508	FERTILIZER TYPE 3	POUND	350.0	\$2.00	\$700.00
2575.504	EROSION CONTROL BLANKETS CATEGORY 3N	SQ YD	4840.0	\$2.40	\$11,616.00
2575.505	SEEDING	ACRE	1.0	\$500.00	\$500.00
2575.508	SEED MIXTURE 25-141	POUND	70.0	\$5.00	\$350.00
2575.523	RAPID STABILIZATION METHOD 3	M GALLON	12.0	\$650.00	\$7,800.00
2580.503	INTERIM PAVEMENT MARKING	LIN FT	120.0	\$5.00	\$600.00
2582.503	6" SOLID LINE PAINT	LIN FT	1200.0	\$0.80	\$960.00
2582.503	4" BROKEN LINE PAINT	LIN FT	120.0	\$4.20	\$504.00

Total Bridge Construction Costs \$712,919.00



BRIDGE NO. 7648 (SLC #828) BUDGET

1. Administrative and legal expenses	\$	5,000.00
2. Land, structures, rights-of-way, appraisals, etc.	\$	-
3. Relocation expenses and payments	\$	-
4. Architectural and engineering fees	\$	18,000.00
5. Other architectural and engineering fees	\$	14,000.00
6. Project inspection fees	\$	30,000.00
7. Site work	\$	-
8. Demolition and removal	\$	20,000.00
9. Construction	\$	375,422.20
10. Equipment	\$	-
11. Miscellaneous	\$	-
TOTAL PROJECT COSTS	\$	462,422.20

ENGINEER'S ESTIMATE					
Project Number: 0000-432198					
Project Title or Road Number: Bridge No. 7648 (SLC #828)					
Work Type: Bridge Construction					
Item No.	Description	Units	Quantity	Unit Price	Total Price
2021.501	MOBILIZATION	LUMP SUM	1.0	\$25,000.00	\$25,000.00
2031.502	FIELD OFFICE TYPE D	EACH	1.0	\$5,000.00	\$5,000.00
2101.501	CLEARING & GRUBBING	LUMP SUM	1.0	\$3,500.00	\$3,500.00
2104.502	SALVAGE SIGN	EACH	1.0	\$100.00	\$100.00
2104.503	SALVAGE GUARDRAIL-PLATE BEAM	LIN FT	612.0	\$5.00	\$3,060.00
2105.601	DEWATERING	LUMP SUM	1.0	\$4,000.00	\$4,000.00
2105.504	GEOTEXTILE FILTER TYPE 6	SQ YD	810.0	\$4.00	\$3,240.00
2106.507	EXCAVATION - COMMON (P)	CU YD	1055.0	\$10.00	\$10,550.00
2105.601	TEMPORARY STREAM DIVERSION SYSTEM	LUMP SUM	1.0	\$5,000.00	\$5,000.00
2106.507	SELECT GRANULAR EMBANKMENT (CV) (P)	CU YD	1334.0	\$20.00	\$26,680.00
2106.507	SELECT GRANULAR EMBANKMENT MOD 7% (CV) (P)	CU YD	1508.0	\$26.00	\$39,208.00
2211.507	AGGREGATE BASE (CV) CLASS 5 (P)	CU YD	461.0	\$20.00	\$9,220.00
2221.507	SHOULDER BASE AGGREGATE (CV) CLASS 5 (P)	CU YD	81.0	\$25.00	\$2,025.00
2357.506	BITUMINOUS MATERIAL FOR TACK COAT	GALLON	384.0	\$3.00	\$1,152.00
2357.606	BITUMINOUS MATERIAL FOR SHOULDER TACK	GALLON	64.0	\$3.00	\$192.00
2360.509	TYPE SP 12.5 WEARING COURSE MIX (3;C)	TON	90.0	\$45.00	\$4,050.00
2360.509	TYPE SP 12.5 NON WEAR COURSE MIX (3;C)	TON	240.0	\$45.00	\$10,800.00
2412.502	10X8 PRECAST CONCRETE BOX CULV END SECT	EACH	4.0	\$13,000.00	\$52,000.00
2412.503	10X8 PRECAST CONCRETE BOX CULVERT	LIN FT	152.0	\$780.00	\$118,560.00
2442.501	REMOVE EXISTING BRIDGE	LUMP SUM	1.0	\$20,000.00	\$20,000.00
2451.507	COARSE AGGREGATE BEDDING (CV) (P)	CU YD	281.0	\$35.00	\$9,835.00
2501.502	48" CAS PIPE APRON	EACH	2.0	\$450.00	\$900.00
2501.503	48" CAS PIPE CULVERT	LIN FT	76.0	\$84.00	\$6,384.00
2501.502	INSTALL CULVERT MARKER	EACH	4.0	\$90.00	\$360.00
2501.507	CULVERT EXCAVATION CLASS U (P)	CU YD	1026.0	\$15.00	\$15,390.00
2511.507	RANDOM RIPRAP CLASS III	CU YD	45.0	\$75.00	\$3,375.00
2563.601	TRAFFIC CONTROL	LUMP SUM	1.0	\$3,000.00	\$3,000.00
2573.501	EROSION CONTROL SUPERVISOR	LUMP SUM	1.0	\$1,000.00	\$1,000.00
2573.503	SILT FENCE; TYPE HI	LIN FT	688.0	\$4.00	\$2,752.00
2574.507	COMMON TOPSOIL BORROW	CU YD	81.0	\$48.00	\$3,888.00
2574.508	FERTILIZER TYPE 3	POUND	70.0	\$2.00	\$140.00
2575.504	EROSION CONTROL BLANKETS CATEGORY 3N	SQ YD	968.0	\$2.40	\$2,323.20
2575.505	SEEDING	ACRE	0.2	\$500.00	\$100.00
2575.508	SEED MIXTURE 25-141	POUND	14.0	\$5.00	\$70.00
2575.523	RAPID STABILIZATION METHOD 3	M GALLON	2.4	\$650.00	\$1,560.00
2580.503	INTERIM PAVEMENT MARKING	LIN FT	40.0	\$5.00	\$200.00
2582.503	6" SOLID LINE PAINT	LIN FT	800.0	\$0.80	\$640.00
2582.503	4" BROKEN LINE PAINT	LIN FT	40.0	\$4.20	\$168.00
Total Bridge Construction Costs					\$395,422.20



BRIDGE NO. 7787 (SLC #130 BUDGET)

1.	Administrative and legal expenses	\$	5,000.00
2.	Land, structures, rights-of-way, appraisals, etc.	\$	1,700.00
3.	Relocation expenses and payments	\$	-
4.	Architectural and engineering fees	\$	18,000.00
5.	Other architectural and engineering fees	\$	14,000.00
6.	Project inspection fees	\$	30,000.00
7.	Site work	\$	-
8.	Demolition and removal	\$	20,000.00
9.	Construction	\$	341,123.60
10.	Equipment	\$	-
11.	Miscellaneous	\$	-
TOTAL PROJECT COSTS		\$	429,823.60

ENGINEER'S ESTIMATE

Project Number: 0000-432198

Project Title or Road Number: Bridge No. 7787 (SLC #130)

Work Type: Bridge Construction

Item No.	Description	Units	Quantity	Unit Price	Total Price
2021.501	MOBILIZATION	LUMP SUM	1.0	\$25,000.00	\$25,000.00
2031.502	FIELD OFFICE TYPE D	EACH	1.0	\$5,000.00	\$5,000.00
2101.501	CLEARING & GRUBBING	LUMP SUM	1.0	\$3,000.00	\$3,000.00
2104.502	SALVAGE SIGN	EACH	5.0	\$100.00	\$500.00
2105.601	DEWATERING	LUMP SUM	1.0	\$5,000.00	\$5,000.00
2105.504	GEOTEXTILE FILTER TYPE 6	SQ YD	616.0	\$4.00	\$2,464.00
2106.507	EXCAVATION - COMMON (P)	CU YD	704.0	\$10.00	\$7,040.00
2105.601	TEMPORARY STREAM DIVERSION SYSTEM	LUMP SUM	1.0	\$5,000.00	\$5,000.00
2106.507	SELECT GRANULAR EMBANKMENT (CV) (P)	CU YD	1035.0	\$20.00	\$20,700.00
2106.507	SELECT GRANULAR EMBANKMENT MOD 7% (CV) (P)	CU YD	1508.0	\$26.00	\$39,208.00
2211.507	AGGREGATE BASE (CV) CLASS 5 (P)	CU YD	461.0	\$20.00	\$9,220.00
2221.507	SHOULDER BASE AGGREGATE (CV) CLASS 5 (P)	CU YD	81.0	\$25.00	\$2,025.00
2118.507	AGGREGATE SURFACING (CV) CLASS 5 (P)	CU YD	28.0	\$25.00	\$700.00
2357.506	BITUMINOUS MATERIAL FOR TACK COAT	GALLON	384.0	\$3.00	\$1,152.00
2357.606	BITUMINOUS MATERIAL FOR SHOULDER TACK	GALLON	64.0	\$3.00	\$192.00
2360.509	TYPE SP 12.5 WEARING COURSE MIX (3;C)	TON	90.0	\$45.00	\$4,050.00
2360.509	TYPE SP 12.5 NON WEAR COURSE MIX (3;C)	TON	240.0	\$45.00	\$10,800.00
2412.502	10X8 PRECAST CONCRETE BOX CULV END SECT	EACH	4.0	\$13,000.00	\$52,000.00
2412.503	10X8 PRECAST CONCRETE BOX CULVERT	LIN FT	108.0	\$780.00	\$84,240.00
2442.501	REMOVE EXISTING BRIDGE	LUMP SUM	1.0	\$20,000.00	\$20,000.00
2451.507	COARSE AGGREGATE BEDDING (CV) (P)	CU YD	225.0	\$35.00	\$7,875.00
2501.502	48" CAS PIPE APRON	EACH	2.0	\$450.00	\$900.00
2501.503	48" CAS PIPE CULVERT	LIN FT	60.0	\$84.00	\$5,040.00
2501.502	INSTALL CULVERT MARKER	EACH	4.0	\$90.00	\$360.00
2501.507	CULVERT EXCAVATION CLASS U (P)	CU YD	1459.0	\$15.00	\$21,885.00
2511.507	RANDOM RIPRAP CLASS III	CU YD	45.0	\$75.00	\$3,375.00
2563.601	TRAFFIC CONTROL	LUMP SUM	1.0	\$5,000.00	\$5,000.00
2573.501	EROSION CONTROL SUPERVISOR	LUMP SUM	1.0	\$1,000.00	\$1,000.00
2573.503	SILT FENCE; TYPE HI	LIN FT	820.0	\$4.00	\$3,280.00
2574.507	COMMON TOPSOIL BORROW	CU YD	141.0	\$48.00	\$6,768.00
2574.508	FERTILIZER TYPE 3	POUND	123.0	\$2.00	\$246.00
2575.504	EROSION CONTROL BLANKETS CATEGORY 3N	SQ YD	1694.0	\$2.40	\$4,065.60
2575.505	SEEDING	ACRE	0.4	\$500.00	\$175.00
2575.508	SEED MIXTURE 25-141	POUND	25.0	\$5.00	\$125.00
2575.523	RAPID STABILIZATION METHOD 3	M GALLON	4.2	\$650.00	\$2,730.00
2580.503	INTERIM PAVEMENT MARKING	LIN FT	40.0	\$5.00	\$200.00
2582.503	6" SOLID LINE PAINT	LIN FT	800.0	\$0.80	\$640.00
2582.503	4" BROKEN LINE PAINT	LIN FT	40.0	\$4.20	\$168.00

Total Bridge Construction Costs

\$361,123.60



BRIDGE NO. 7780 (SLC #187) BUDGET

1. Administrative and legal expenses	\$	5,000.00
2. Land, structures, rights-of-way, appraisals, etc.	\$	1,100.00
3. Relocation expenses and payments	\$	-
4. Architectural and engineering fees	\$	18,000.00
5. Other architectural and engineering fees	\$	14,000.00
6. Project inspection fees	\$	30,000.00
7. Site work	\$	-
8. Demolition and removal	\$	20,000.00
9. Construction	\$	344,063.40
10. Equipment	\$	-
11. Miscellaneous	\$	-
TOTAL PROJECT COSTS	\$	432,163.40

ENGINEER'S ESTIMATE

Project Number: 0000-432198
Project Title or Road Number: Bridge No. 7780 (SLC #187)
Work Type: Bridge Construction

Item No.	Description	Units	Quantity	Unit Price	Total Price
2021.501	MOBILIZATION	LUMP SUM	1.0	\$30,000.00	\$30,000.00
2031.502	FIELD OFFICE TYPE D	EACH	1.0	\$8,000.00	\$8,000.00
2101.501	CLEARING & GRUBBING	LUMP SUM	1.0	\$3,000.00	\$3,000.00
2104.503	SALVAGE GUARDRAIL-PLATE BEAM	LIN FT	410.0	\$5.00	\$2,050.00
2105.601	DEWATERING	LUMP SUM	1.0	\$4,000.00	\$4,000.00
2105.504	GEOTEXTILE FILTER TYPE 6	SQ YD	616.0	\$4.00	\$2,464.00
2106.507	EXCAVATION - COMMON (P)	CU YD	844.0	\$10.00	\$8,440.00
2105.601	TEMPORARY STREAM DIVERSION SYSTEM	LUMP SUM	1.0	\$5,000.00	\$5,000.00
2106.507	SELECT GRANULAR EMBANKMENT (CV) (P)	CU YD	1035.0	\$20.00	\$20,700.00
2106.507	SELECT GRANULAR EMBANKMENT MOD 7% (CV) (P)	CU YD	1508.0	\$26.00	\$39,208.00
2211.507	AGGREGATE BASE (CV) CLASS 5 (P)	CU YD	461.0	\$20.00	\$9,220.00
2221.507	SHOULDER BASE AGGREGATE (CV) CLASS 5 (P)	CU YD	81.0	\$25.00	\$2,025.00
2357.506	BITUMINOUS MATERIAL FOR TACK COAT	GALLON	384.0	\$3.00	\$1,152.00
2357.606	BITUMINOUS MATERIAL FOR SHOULDER TACK	GALLON	64.0	\$3.00	\$192.00
2360.509	TYPE SP 12.5 WEARING COURSE MIX (3;C)	TON	90.0	\$45.00	\$4,050.00
2360.509	TYPE SP 12.5 NON WEAR COURSE MIX (3;C)	TON	240.0	\$45.00	\$10,800.00
2412.502	10X8 PRECAST CONCRETE BOX CULV END SECT	EACH	4.0	\$13,000.00	\$52,000.00
2412.503	10X8 PRECAST CONCRETE BOX CULVERT	LIN FT	108.0	\$780.00	\$84,240.00
2442.501	REMOVE EXISTING BRIDGE	LUMP SUM	1.0	\$20,000.00	\$20,000.00
2451.507	COARSE AGGREGATE BEDDING (CV) (P)	CU YD	225.0	\$35.00	\$7,875.00
2501.502	48" CAS PIPE APRON	EACH	2.0	\$450.00	\$900.00
2501.503	48" CAS PIPE CULVERT	LIN FT	60.0	\$84.00	\$5,040.00
2501.502	INSTALL CULVERT MARKER	EACH	4.0	\$90.00	\$360.00
2501.507	CULVERT EXCAVATION CLASS U (P)	CU YD	890.0	\$15.00	\$13,350.00
2511.507	RANDOM RIPRAP CLASS III	CU YD	45.0	\$75.00	\$3,375.00
2563.601	TRAFFIC CONTROL	LUMP SUM	1.0	\$5,000.00	\$5,000.00
2573.501	EROSION CONTROL SUPERVISOR	LUMP SUM	1.0	\$1,000.00	\$1,000.00
2573.503	SILT FENCE; TYPE HI	LIN FT	875.0	\$4.00	\$3,500.00
2574.507	COMMON TOPSOIL BORROW	CU YD	161.0	\$48.00	\$7,728.00
2574.508	FERTILIZER TYPE 3	POUND	140.0	\$2.00	\$280.00
2575.504	EROSION CONTROL BLANKETS CATEGORY 3N	SQ YD	1936.0	\$2.40	\$4,646.40
2575.505	SEEDING	ACRE	0.4	\$500.00	\$200.00
2575.508	SEED MIXTURE 25-141	POUND	28.0	\$5.00	\$140.00
2575.523	RAPID STABILIZATION METHOD 3	M GALLON	4.8	\$650.00	\$3,120.00
2580.503	INTERIM PAVEMENT MARKING	LIN FT	40.0	\$5.00	\$200.00
2582.503	6" SOLID LINE PAINT	LIN FT	800.0	\$0.80	\$640.00
2582.503	4" BROKEN LINE PAINT	LIN FT	40.0	\$4.20	\$168.00

Total Bridge Construction Costs \$364,063.40



BRIDGE NO. 7823 (SLC #602) BUDGET

1. Administrative and legal expenses	\$	5,000.00
2. Land, structures, rights-of-way, appraisals, etc.	\$	1,600.00
3. Relocation expenses and payments	\$	-
4. Architectural and engineering fees	\$	18,000.00
5. Other architectural and engineering fees	\$	14,200.00
6. Project inspection fees	\$	30,000.00
7. Site work	\$	-
8. Demolition and removal	\$	20,000.00
9. Construction	\$	305,908.60
10. Equipment	\$	-
11. Miscellaneous	\$	-
TOTAL PROJECT COSTS	\$	394,708.60

ENGINEER'S ESTIMATE

Project Number: 0000-432198
Project Title or Road Number: Bridge No. 7823 (SLC #602)
Work Type: Bridge Construction

Item No.	Description	Units	Quantity	Unit Price	Total Price
2021.501	MOBILIZATION	LUMP SUM	1.0	\$30,000.00	\$30,000.00
2031.502	FIELD OFFICE TYPE D	EACH	1.0	\$8,000.00	\$8,000.00
2101.501	CLEARING & GRUBBING	LUMP SUM	1.0	\$3,000.00	\$3,000.00
2104.503	SALVAGE GUARDRAIL-PLATE BEAM	LIN FT	400.0	\$5.00	\$2,000.00
2105.601	DEWATERING	LUMP SUM	1.0	\$5,000.00	\$5,000.00
2105.504	GEOTEXTILE FILTER TYPE 6	SQ YD	604.0	\$4.00	\$2,416.00
2106.507	EXCAVATION - COMMON (P)	CU YD	426.0	\$10.00	\$4,260.00
2105.601	TEMPORARY STREAM DIVERSION SYSTEM	LUMP SUM	1.0	\$5,000.00	\$5,000.00
2106.507	SELECT GRANULAR EMBANKMENT (CV) (P)	CU YD	930.0	\$20.00	\$18,600.00
2106.507	SELECT GRANULAR EMBANKMENT MOD 7% (CV) (P)	CU YD	1673.0	\$26.00	\$43,498.00
2118.507	AGGREGATE SURFACING (CV) CLASS 5 (P)	CU YD	582.0	\$25.00	\$14,550.00
2357.606	BITUMINOUS MATERIAL FOR SHOULDER TACK	GALLON	64.0	\$3.00	\$192.00
2412.502	10X8 PRECAST CONCRETE BOX CULV END SECT	EACH	4.0	\$13,000.00	\$52,000.00
2412.503	10X8 PRECAST CONCRETE BOX CULVERT	LIN FT	88.0	\$780.00	\$68,640.00
2442.501	REMOVE EXISTING BRIDGE	LUMP SUM	1.0	\$20,000.00	\$20,000.00
2451.507	COARSE AGGREGATE BEDDING (CV) (P)	CU YD	198.0	\$35.00	\$6,930.00
2501.502	48" CAS PIPE APRON	EACH	2.0	\$450.00	\$900.00
2501.503	48" CAS PIPE CULVERT	LIN FT	46.0	\$84.00	\$3,864.00
2501.502	INSTALL CULVERT MARKER	EACH	4.0	\$90.00	\$360.00
2501.507	CULVERT EXCAVATION CLASS U (P)	CU YD	702.0	\$15.00	\$10,530.00
2511.507	RANDOM RIPRAP CLASS III	CU YD	45.0	\$75.00	\$3,375.00
2563.601	TRAFFIC CONTROL	LUMP SUM	1.0	\$5,000.00	\$5,000.00
2573.501	EROSION CONTROL SUPERVISOR	LUMP SUM	1.0	\$1,000.00	\$1,000.00
2573.503	SILT FENCE; TYPE HI	LIN FT	980.0	\$4.00	\$3,920.00
2574.507	COMMON TOPSOIL BORROW	CU YD	129.0	\$48.00	\$6,192.00
2574.508	FERTILIZER TYPE 3	POUND	112.0	\$2.00	\$224.00
2575.504	EROSION CONTROL BLANKETS CATEGORY 3N	SQ YD	1549.0	\$2.40	\$3,717.60
2575.505	SEEDING	ACRE	0.3	\$500.00	\$160.00
2575.508	SEED MIXTURE 25-141	POUND	22.0	\$5.00	\$110.00
2575.523	RAPID STABILIZATION METHOD 3	M GALLON	3.8	\$650.00	\$2,470.00

Total Bridge Construction Costs \$325,908.60



BRIDGENO. 7715 (SLC #760) BUDGET

1. Administrative and legal expenses	\$	5,000.00
2. Land, structures, rights-of-way, appraisals, etc.	\$	2,100.00
3. Relocation expenses and payments	\$	-
4. Architectural and engineering fees	\$	18,000.00
5. Other architectural and engineering fees	\$	14,300.00
6. Project inspection fees	\$	30,000.00
7. Site work	\$	-
8. Demolition and removal	\$	20,000.00
9. Construction	\$	331,834.40
10. Equipment	\$	-
11. Miscellaneous	\$	-
TOTAL PROJECT COSTS	\$	421,234.40

ENGINEER'S ESTIMATE

Project Number: 0000-432198
Project Title or Road Number: Bridge No. 7715 (SLC #760)
Work Type: Bridge Construction

Item No.	Description	Units	Quantity	Unit Price	Total Price
2021.501	MOBILIZATION	LUMP SUM	1.0	\$30,000.00	\$30,000.00
2031.502	FIELD OFFICE TYPE D	EACH	1.0	\$8,000.00	\$8,000.00
2101.501	CLEARING & GRUBBING	LUMP SUM	1.0	\$4,500.00	\$4,500.00
2104.502	SALVAGE SIGN	EACH	4.0	\$100.00	\$400.00
2105.601	DEWATERING	LUMP SUM	1.0	\$5,000.00	\$5,000.00
2105.504	GEOTEXTILE FILTER TYPE 6	SQ YD	675.0	\$4.00	\$2,700.00
2106.507	EXCAVATION - COMMON (P)	CU YD	639.0	\$10.00	\$6,390.00
2105.601	TEMPORARY STREAM DIVERSION SYSTEM	LUMP SUM	1.0	\$5,000.00	\$5,000.00
2106.507	SELECT GRANULAR EMBANKMENT (CV) (P)	CU YD	1203.0	\$20.00	\$24,060.00
2106.507	SELECT GRANULAR EMBANKMENT MOD 7% (CV) (P)	CU YD	1275.0	\$26.00	\$33,150.00
2118.507	AGGREGATE SURFACING (CV) CLASS 5 (P)	CU YD	767.0	\$25.00	\$19,175.00
2357.606	BITUMINOUS MATERIAL FOR SHOULDER TACK	GALLON	96.0	\$3.00	\$288.00
2412.502	10X10 PRECAST CONCRETE BOX CULV END SECT	EACH	4.0	\$14,000.00	\$56,000.00
2412.503	10X10 PRECAST CONCRETE BOX CULVERT	LIN FT	80.0	\$850.00	\$68,000.00
2442.501	REMOVE EXISTING BRIDGE	LUMP SUM	1.0	\$20,000.00	\$20,000.00
2451.507	COARSE AGGREGATE BEDDING (CV) (P)	CU YD	207.0	\$35.00	\$7,245.00
2501.502	48" CAS PIPE APRON	EACH	2.0	\$450.00	\$900.00
2501.503	48" CAS PIPE CULVERT	LIN FT	46.0	\$84.00	\$3,864.00
2501.502	INSTALL CULVERT MARKER	EACH	4.0	\$90.00	\$360.00
2501.507	CULVERT EXCAVATION CLASS U (P)	CU YD	1054.0	\$15.00	\$15,810.00
2511.507	RANDOM RIPRAP CLASS III	CU YD	51.0	\$75.00	\$3,825.00
2563.601	TRAFFIC CONTROL	LUMP SUM	1.0	\$5,000.00	\$5,000.00
2573.501	EROSION CONTROL SUPERVISOR	LUMP SUM	1.0	\$1,000.00	\$1,000.00
2573.503	SILT FENCE; TYPE HI	LIN FT	1240.0	\$4.00	\$4,960.00
2574.507	COMMON TOPSOIL BORROW	CU YD	262.0	\$48.00	\$12,576.00
2574.508	FERTILIZER TYPE 3	POUND	228.0	\$2.00	\$456.00
2575.504	EROSION CONTROL BLANKETS CATEGORY 3N	SQ YD	3146.0	\$2.40	\$7,550.40
2575.505	SEEDING	ACRE	0.7	\$500.00	\$325.00
2575.508	SEED MIXTURE 25-141	POUND	46.0	\$5.00	\$230.00
2575.523	RAPID STABILIZATION METHOD 3	M GALLON	7.8	\$650.00	\$5,070.00

Total Bridge Construction Costs \$351,834.40



BRIDGE NO. 7680 (SLC #649)BUDGET

1.	Administrative and legal expenses	\$	5,000.00
2.	Land, structures, rights-of-way, appraisals, etc.	\$	2,100.00
3.	Relocation expenses and payments	\$	-
4.	Architectural and engineering fees	\$	18,000.00
5.	Other architectural and engineering fees	\$	14,300.00
6.	Project inspection fees	\$	30,000.00
7.	Site work	\$	-
8.	Demolition and removal	\$	20,000.00
9.	Construction	\$	484,936.80
10.	Equipment	\$	-
11.	Miscellaneous	\$	-
TOTAL PROJECT COSTS		\$	574,336.80

ENGINEER'S ESTIMATE

Project Number: 0000-432198
Project Title or Road Number: Bridge No. 7680 (SLC #649)
Work Type: Bridge Construction

Item No.	Description	Units	Quantity	Unit Price	Total Price
2021.501	MOBILIZATION	LUMP SUM	1.0	\$30,000.00	\$30,000.00
2031.502	FIELD OFFICE TYPE D	EACH	1.0	\$8,000.00	\$8,000.00
2101.501	CLEARING & GRUBBING	LUMP SUM	1.0	\$5,000.00	\$5,000.00
2105.601	DEWATERING	LUMP SUM	1.0	\$4,000.00	\$4,000.00
2105.504	GEOTEXTILE FILTER TYPE 6	SQ YD	1102.0	\$4.00	\$4,408.00
2106.507	EXCAVATION - COMMON (P)	CU YD	1555.0	\$10.00	\$15,550.00
2105.601	TEMPORARY STREAM DIVERSION SYSTEM	LUMP SUM	1.0	\$5,000.00	\$5,000.00
2106.507	SELECT GRANULAR EMBANKMENT (CV) (P)	CU YD	2161.0	\$20.00	\$43,220.00
2106.507	SELECT GRANULAR EMBANKMENT MOD 7% (CV) (P)	CU YD	2693.0	\$26.00	\$70,018.00
2118.507	AGGREGATE SURFACING (CV) CLASS 5 (P)	CU YD	41.0	\$25.00	\$1,025.00
2211.507	AGGREGATE BASE (CV) CLASS 5 (P)	CU YD	691.0	\$20.00	\$13,820.00
2221.507	SHOULDER BASE AGGREGATE (CV) CLASS 5 (P)	CU YD	122.0	\$25.00	\$3,050.00
2357.506	BITUMINOUS MATERIAL FOR TACK COAT	GALLON	576.0	\$3.00	\$1,728.00
2357.606	BITUMINOUS MATERIAL FOR SHOULDER TACK	GALLON	96.0	\$3.00	\$288.00
2360.509	TYPE SP 12.5 WEARING COURSE MIX (3;C)	TON	135.0	\$45.00	\$6,075.00
2360.509	TYPE SP 12.5 NON WEAR COURSE MIX (3;C)	TON	360.0	\$45.00	\$16,200.00
2412.502	10X10 PRECAST CONCRETE BOX CULV END SECT	EACH	4.0	\$14,000.00	\$56,000.00
2412.503	10X10 PRECAST CONCRETE BOX CULVERT	LIN FT	144.0	\$850.00	\$122,400.00
2442.501	REMOVE EXISTING BRIDGE	LUMP SUM	1.0	\$20,000.00	\$20,000.00
2451.507	COARSE AGGREGATE BEDDING (CV) (P)	CU YD	271.0	\$35.00	\$9,485.00
2501.502	INSTALL CULVERT MARKER	EACH	4.0	\$90.00	\$360.00
2501.507	CULVERT EXCAVATION CLASS U (P)	CU YD	2102.0	\$15.00	\$31,530.00
2511.507	RANDOM RIPRAP CLASS III	CU YD	51.0	\$75.00	\$3,825.00
2563.601	TRAFFIC CONTROL	LUMP SUM	1.0	\$5,000.00	\$5,000.00
2573.501	EROSION CONTROL SUPERVISOR	LUMP SUM	1.0	\$1,000.00	\$1,000.00
2573.503	SILT FENCE; TYPE HI	LIN FT	925.0	\$4.00	\$3,700.00
2574.507	COMMON TOPSOIL BORROW	CU YD	222.0	\$48.00	\$10,656.00
2574.508	FERTILIZER TYPE 3	POUND	193.0	\$2.00	\$386.00
2575.504	EROSION CONTROL BLANKETS CATEGORY 3N	SQ YD	2662.0	\$2.40	\$6,388.80
2575.505	SEEDING	ACRE	0.6	\$500.00	\$275.00
2575.508	SEED MIXTURE 25-141	POUND	39.0	\$5.00	\$195.00
2575.523	RAPID STABILIZATION METHOD 3	M GALLON	6.6	\$650.00	\$4,290.00
2580.503	INTERIM PAVEMENT MARKING	LIN FT	120.0	\$5.00	\$600.00
2582.503	6" SOLID LINE PAINT	LIN FT	1200.0	\$0.80	\$960.00
2582.503	4" BROKEN LINE PAINT	LIN FT	120.0	\$4.20	\$504.00

Total Bridge Construction Costs \$504,936.80



BRIDGE NO. L4189 (SLC #97) BUDGET

1.	Administrative and legal expenses	\$	5,000.00
2.	Land, structures, rights-of-way, appraisals, etc.	\$	3,500.00
3.	Relocation expenses and payments	\$	-
4.	Architectural and engineering fees	\$	18,000.00
5.	Other architectural and engineering fees	\$	14,000.00
6.	Project inspection fees	\$	30,000.00
7.	Site work	\$	-
8.	Demolition and removal	\$	15,000.00
9.	Construction	\$	306,972.80
10.	Equipment	\$	-
11.	Miscellaneous	\$	-
TOTAL PROJECT COSTS		\$	392,472.80

ENGINEER'S ESTIMATE

Project Number: 0000-432198
Project Title or Road Number: Bridge No. L4189 (SLC #97)
Work Type: Bridge Construction

Item No.	Description	Units	Quantity	Unit Price	Total Price
2021.501	MOBILIZATION	LUMP SUM	1.0	\$30,000.00	\$30,000.00
2031.502	FIELD OFFICE TYPE D	EACH	1.0	\$8,000.00	\$8,000.00
2101.501	CLEARING & GRUBBING	LUMP SUM	1.0	\$4,000.00	\$4,000.00
2104.502	SALVAGE SIGN	EACH	4.0	\$100.00	\$400.00
2105.601	DEWATERING	LUMP SUM	1.0	\$5,000.00	\$5,000.00
2105.504	GEOTEXTILE FILTER TYPE 6	SQ YD	604.0	\$4.00	\$2,416.00
2106.507	EXCAVATION - COMMON (P)	CU YD	426.0	\$10.00	\$4,260.00
2105.601	TEMPORARY STREAM DIVERSION SYSTEM	LUMP SUM	1.0	\$5,000.00	\$5,000.00
2106.507	SELECT GRANULAR EMBANKMENT (CV) (P)	CU YD	930.0	\$20.00	\$18,600.00
2106.507	SELECT GRANULAR EMBANKMENT MOD 7% (CV) (P)	CU YD	1395.0	\$26.00	\$36,270.00
2118.507	AGGREGATE SURFACING (CV) CLASS 5 (P)	CU YD	582.0	\$25.00	\$14,550.00
2357.606	BITUMINOUS MATERIAL FOR SHOULDER TACK	GALLON	64.0	\$3.00	\$192.00
2412.502	10X8 PRECAST CONCRETE BOX CULV END SECT	EACH	4.0	\$13,000.00	\$52,000.00
2412.503	10X8 PRECAST CONCRETE BOX CULVERT	LIN FT	88.0	\$780.00	\$68,640.00
2442.501	REMOVE EXISTING BRIDGE	LUMP SUM	1.0	\$15,000.00	\$15,000.00
2451.507	COARSE AGGREGATE BEDDING (CV) (P)	CU YD	198.0	\$35.00	\$6,930.00
2501.502	48" CAS PIPE APRON	EACH	2.0	\$450.00	\$900.00
2501.503	48" CAS PIPE CULVERT	LIN FT	46.0	\$84.00	\$3,864.00
2501.502	INSTALL CULVERT MARKER	EACH	4.0	\$90.00	\$360.00
2501.507	CULVERT EXCAVATION CLASS U (P)	CU YD	1057.0	\$15.00	\$15,855.00
2511.507	RANDOM RIPRAP CLASS III	CU YD	45.0	\$75.00	\$3,375.00
2563.601	TRAFFIC CONTROL	LUMP SUM	1.0	\$5,000.00	\$5,000.00
2573.501	EROSION CONTROL SUPERVISOR	LUMP SUM	1.0	\$1,000.00	\$1,000.00
2573.503	SILT FENCE; TYPE HI	LIN FT	825.0	\$4.00	\$3,300.00
2574.507	COMMON TOPSOIL BORROW	CU YD	169.0	\$48.00	\$8,112.00
2574.508	FERTILIZER TYPE 3	POUND	147.0	\$2.00	\$294.00
2575.504	EROSION CONTROL BLANKETS CATEGORY 3N	SQ YD	2102.0	\$2.40	\$5,044.80
2575.505	SEEDING	ACRE	0.4	\$500.00	\$210.00
2575.508	SEED MIXTURE 25-141	POUND	30.0	\$5.00	\$150.00
2575.523	RAPID STABILIZATION METHOD 3	M GALLON	5.0	\$650.00	\$3,250.00

Total Bridge Construction Costs\$321,972.80



BRIDGE 6290 BUDGET

1. Administrative and legal expenses	\$	12,545.00
2. Land, structures, rights-of-way, appraisals, etc.	\$	3,136.25
3. Relocation expenses and payments	\$	-
4. Architectural and engineering fees	\$	31,362.50
5. Other architectural and engineering fees	\$	25,090.00
6. Project inspection fees	\$	50,180.00
7. Site work	\$	-
8. Demolition and removal	\$	38,800.00
9. Construction	\$	588,450.01
10. Equipment	\$	-
11. Miscellaneous	\$	-
TOTAL PROJECT COSTS	\$	749,563.76

ENGINEER'S ESTIMATE

Project Number: 0000-432198
Project Title or Road Number: Bridge No. 6290
Work Type: Bridge Construction

Item No.	Description	Units	Quantity	Unit Price	Total Price
2021.501	MOBILIZATION	LUMP SUM	1.0	\$27,000.00	\$27,000.00
2031.502	FIELD OFFICE TYPE D	EACH	1.0	\$10,000.00	\$10,000.00
2101.501	CLEARING & GRUBBING	LUMP SUM	1.0	\$5,000.00	\$5,000.00
2104.505	REMOVE PAVEMENT	SQ YD	2350.0	\$8.00	\$18,800.00
2105.504	GEOTEXTILE FILTER TYPE 6	SQ YD	2350.0	\$4.00	\$9,400.00
2105.601	DEWATERING	LUMP SUM	1.0	\$10,000.00	\$10,000.00
2105.601	TEMPORARY STREAM DIVERSION SYSTEM	LUMP SUM	1.0	\$10,000.00	\$10,000.00
2106.507	EXCAVATION - COMMON (P)	CU YD	2802.0	\$10.00	\$28,020.00
2106.507	SELECT GRANULAR EMBANKMENT (CV) (P)	CU YD	700.0	\$20.00	\$14,000.00
2106.507	SELECT GRANULAR EMBANKMENT MOD 7% (CV) (P)	CU YD	1509.0	\$26.00	\$39,234.00
2118.507	AGGREGATE SURFACING (CV) CLASS 5 (P)	CU YD	90.7	\$25.00	\$2,266.67
2211.503	Aggregate Base, Class 6, CV	CU YD	392.0	\$26.50	\$10,388.00
2357.606	BITUMINOUS MATERIAL FOR SHOULDER TACK	GALLON	64.0	\$3.00	\$192.00
2360.501	Type SP 12.5 Wearing Course, Mix 4B	TON	395.0	\$61.00	\$24,095.00
2360.502	Type SP 12.5 Non-Wear Course, Mix 4B	TON	526.0	\$60.00	\$31,560.00
2412.502	10X10 PRECAST CONCRETE BOX CULV END SECT	EACH	4.0	\$13,000.00	\$52,000.00
2412.503	10X10 PRECAST CONCRETE BOX CULVERT	LIN FT	254.0	\$1,000.00	\$254,000.00
2442.501	REMOVE EXISTING BRIDGE	LUMP SUM	1.0	\$20,000.00	\$20,000.00
2451.507	COARSE AGGREGATE BEDDING (CV) (P)	CU YD	244.0	\$35.00	\$8,540.00
2501.502	INSTALL CULVERT MARKER	EACH	0.0	\$90.00	\$0.00
2501.502	48" CAS PIPE APRON	EACH	0.0	\$450.00	\$0.00
2501.503	48" CAS PIPE CULVERT	LIN FT	0.0	\$84.00	\$0.00
2501.507	CULVERT EXCAVATION CLASS U (P)	CU YD	500.0	\$15.00	\$7,500.00
2511.507	RANDOM RIPRAP CLASS III	CU YD	45.0	\$75.00	\$3,375.00
2554.603	INSTALL GUARDRAIL	FT	450.0	\$15.00	\$6,750.00
2554.602	INSTALL TANGENT TERMINAL	EA	4.0	\$800.00	\$3,200.00
2563.601	TRAFFIC CONTROL	LUMP SUM	1.0	\$10,000.00	\$10,000.00
2564.554	Snow Plow Marker	EA	4.0	\$43.00	\$172.00
2573.501	EROSION CONTROL SUPERVISOR	LUMP SUM	1.0	\$1,000.00	\$1,000.00
2573.503	SILT FENCE; TYPE HI	LIN FT	814.0	\$4.00	\$3,256.00
2574.507	COMMON TOPSOIL BORROW	CU YD	80.0	\$48.00	\$3,840.00
2574.508	FERTILIZER TYPE 3	POUND	112.0	\$2.00	\$224.00
2575.504	EROSION CONTROL BLANKETS CATEGORY 3N	SQ YD	4421.0	\$2.40	\$10,610.40
2575.505	SEEDING	ACRE	0.3	\$500.00	\$160.00
2575.508	SEED MIXTURE 25-141	POUND	22.0	\$5.00	\$110.00
2575.523	RAPID STABILIZATION METHOD 3	M GALLON	3.8	\$650.00	\$2,470.00
2582.502	4 In Solid Line, White Paint	FT	543.0	\$0.10	\$54.30
2582.502	4 In Solid Line, Yellow Paint	FT	272.0	\$0.12	\$32.64

Total Bridge Construction Costs \$627,250.01



BRIDGE 6292 BUDGET

1. Administrative and legal expenses	\$	7,212.34
2. Land, structures, rights-of-way, appraisals, etc.	\$	1,803.08
3. Relocation expenses and payments	\$	-
4. Architectural and engineering fees	\$	18,030.84
5. Other architectural and engineering fees	\$	14,424.67
6. Project inspection fees	\$	28,849.34
7. Site work	\$	-
8. Demolition and removal	\$	23,144.00
9. Construction	\$	337,472.80
10. Equipment	\$	-
11. Miscellaneous	\$	-
TOTAL PROJECT COSTS	\$	430,937.08

ENGINEER'S ESTIMATE					
Project Number: 0000-432198 Project Title or Road Number: Bridge No. 6292 Work Type: Bridge Construction					
Item No.	Description	Units	Quantity	Unit Price	Total Price
2021.501	MOBILIZATION	LUMP SUM	1.0	\$15,000.00	\$15,000.00
2031.502	FIELD OFFICE TYPE D	EACH	1.0	\$10,000.00	\$10,000.00
2101.501	CLEARING & GRUBBING	LUMP SUM	1.0	\$5,000.00	\$5,000.00
2104.505	REMOVE PAVEMENT	SQ YD	1018.0	\$8.00	\$8,144.00
2105.504	GEOTEXTILE FILTER TYPE 6	SQ YD	1018.0	\$4.00	\$4,072.00
2105.601	DEWATERING	LUMP SUM	1.0	\$10,000.00	\$10,000.00
2105.601	TEMPORARY STREAM DIVERSION SYSTEM	LUMP SUM	1.0	\$10,000.00	\$10,000.00
2106.507	EXCAVATION - COMMON (P)	CU YD	1284.0	\$10.00	\$12,840.00
2106.507	SELECT GRANULAR EMBANKMENT (CV) (P)	CU YD	200.0	\$20.00	\$4,000.00
2106.507	SELECT GRANULAR EMBANKMENT MOD 7% (CV) (P)	CU YD	716.0	\$26.00	\$18,616.00
2118.507	AGGREGATE SURFACING (CV) CLASS 5 (P)	CU YD	91.0	\$25.00	\$2,275.00
2211.503	Aggregate Base, Class 6, CV	CU YD	170.0	\$26.50	\$4,505.00
2357.606	BITUMINOUS MATERIAL FOR SHOULDER TACK	GALLON	64.0	\$3.00	\$192.00
2360.501	Type SP 12.5 Wearing Course, Mix 4B	TON	171.0	\$61.00	\$10,431.00
2360.502	Type SP 12.5 Non-Wear Course, Mix 4B	TON	228.0	\$60.00	\$13,680.00
2412.502	10X6 PRECAST CONCRETE BOX CULV END SECT	EACH	4.0	\$13,000.00	\$52,000.00
2412.503	10X6 PRECAST CONCRETE BOX CULVERT	LIN FT	170.0	\$700.00	\$119,000.00
2442.501	REMOVE EXISTING BRIDGE	LUMP SUM	1.0	\$15,000.00	\$15,000.00
2451.507	COARSE AGGREGATE BEDDING (CV) (P)	CU YD	140.0	\$35.00	\$4,900.00
2501.502	INSTALL CULVERT MARKER	EACH	0.0	\$90.00	\$0.00
2501.502	48" CAS PIPE APRON	EACH	0.0	\$450.00	\$0.00
2501.503	48" CAS PIPE CULVERT	LIN FT	0.0	\$84.00	\$0.00
2501.507	CULVERT EXCAVATION CLASS U (P)	CU YD	140.0	\$15.00	\$2,100.00
2511.507	RANDOM RIPRAP CLASS III	CU YD	45.0	\$75.00	\$3,375.00
2554.603	INSTALL GUARDRAIL	FT	450.0	\$15.00	\$6,750.00
2554.602	INSTALL TANGENT TERMINAL	EA	4.0	\$800.00	\$3,200.00
2563.601	TRAFFIC CONTROL	LUMP SUM	1.0	\$7,000.00	\$7,000.00
2564.554	SNOW PLOW MARKER	EA	4.0	\$43.00	\$172.00
2573.501	EROSION CONTROL SUPERVISOR	LUMP SUM	1.0	\$1,000.00	\$1,000.00
2573.503	SILT FENCE; TYPE HI	LIN FT	764.0	\$4.00	\$3,056.00
2574.507	COMMON TOPSOIL BORROW	CU YD	80.0	\$48.00	\$3,840.00
2574.508	FERTILIZER TYPE 3	POUND	112.0	\$2.00	\$224.00
2575.504	EROSION CONTROL BLANKETS CATEGORY 3N	SQ YD	3093.0	\$2.40	\$7,423.20
2575.505	SEEDING	ACRE	0.3	\$500.00	\$160.00
2575.508	SEED MIXTURE 25-141	POUND	22.0	\$5.00	\$110.00
2575.523	RAPID STABILIZATION METHOD 3	M GALLON	3.8	\$650.00	\$2,470.00
2582.502	4 In Solid Line, White Paint	FT	510.0	\$0.10	\$51.00
2582.502	4 In Solid Line, Yellow Paint	FT	255.0	\$0.12	\$30.60
Total Bridge Construction Costs					\$360,616.80



BRIDGE 6293 BUDGET

1. Administrative and legal expenses	\$	7,620.78
2. Land, structures, rights-of-way, appraisals, etc.	\$	1,905.20
3. Relocation expenses and payments	\$	-
4. Architectural and engineering fees	\$	19,051.96
5. Other architectural and engineering fees	\$	15,241.57
6. Project inspection fees	\$	30,483.13
7. Site work	\$	-
8. Demolition and removal	\$	23,392.00
9. Construction	\$	357,647.16
10. Equipment	\$	-
11. Miscellaneous	\$	-
TOTAL PROJECT COSTS	\$	455,341.80

ENGINEER'S ESTIMATE					
Project Number: 0000-432198					
Project Title or Road Number: Bridge No. 6293					
Work Type: Bridge Construction					
Item No.	Description	Units	Quantity	Unit Price	Total Price
2021.501	MOBILIZATION	LUMP SUM	1.0	\$17,000.00	\$17,000.00
2031.502	FIELD OFFICE TYPE D	EACH	1.0	\$10,000.00	\$10,000.00
2101.501	CLEARING & GRUBBING	LUMP SUM	1.0	\$5,000.00	\$5,000.00
2104.505	REMOVE PAVEMENT	SQ YD	1049.0	\$8.00	\$8,392.00
2105.504	GEOTEXTILE FILTER TYPE 6	SQ YD	1049.0	\$4.00	\$4,196.00
2105.601	DEWATERING	LUMP SUM	1.0	\$10,000.00	\$10,000.00
2105.601	TEMPORARY STREAM DIVERSION SYSTEM	LUMP SUM	1.0	\$10,000.00	\$10,000.00
2106.507	EXCAVATION - COMMON (P)	CU YD	1600.0	\$10.00	\$16,000.00
2106.507	SELECT GRANULAR EMBANKMENT (CV) (P)	CU YD	250.0	\$20.00	\$5,000.00
2106.507	SELECT GRANULAR EMBANKMENT MOD 7% (CV) (P)	CU YD	971.0	\$26.00	\$25,246.00
2118.507	AGGREGATE SURFACING (CV) CLASS 5 (P)	CU YD	91.0	\$25.00	\$2,275.00
2211.503	Aggregate Base, Class 6, CV	CU YD	175.0	\$26.50	\$4,637.50
2357.606	BITUMINOUS MATERIAL FOR SHOULDER TACK	GALLON	64.0	\$3.00	\$192.00
2360.501	Type SP 12.5 Wearing Course, Mix 4B	TON	176.0	\$61.00	\$10,736.00
2360.502	Type SP 12.5 Non-Wear Course, Mix 4B	TON	235.0	\$60.00	\$14,100.00
2412.502	10X8 PRECAST CONCRETE BOX CULV END SECT	EACH	4.0	\$13,000.00	\$52,000.00
2412.503	10X8 PRECAST CONCRETE BOX CULVERT	LIN FT	158.0	\$780.00	\$123,240.00
2442.501	REMOVE EXISTING BRIDGE	LUMP SUM	1.0	\$15,000.00	\$15,000.00
2451.507	COARSE AGGREGATE BEDDING (CV) (P)	CU YD	151.0	\$35.00	\$5,285.00
2501.502	INSTALL CULVERT MARKER	EACH	0.0	\$90.00	\$0.00
2501.502	48" CAS PIPE APRON	EACH	0.0	\$450.00	\$0.00
2501.503	48" CAS PIPE CULVERT	LIN FT	0.0	\$84.00	\$0.00
2501.507	CULVERT EXCAVATION CLASS U (P)	CU YD	151.0	\$15.00	\$2,265.00
2511.507	RANDOM RIPRAP CLASS III	CU YD	45.0	\$75.00	\$3,375.00
2554.603	INSTALL GUARDRAIL	FT	450.0	\$15.00	\$6,750.00
2554.602	INSTALL TANGENT TERMINAL	EA	4.0	\$800.00	\$3,200.00
2563.601	TRAFFIC CONTROL	LUMP SUM	1.0	\$7,000.00	\$7,000.00
2564.554	SNOW PLOW MARKER	EA	4.0	\$43.00	\$172.00
2573.501	EROSION CONTROL SUPERVISOR	LUMP SUM	1.0	\$1,000.00	\$1,000.00
2573.503	SILT FENCE; TYPE HI	LIN FT	812.0	\$4.00	\$3,248.00
2574.507	COMMON TOPSOIL BORROW	CU YD	80.0	\$48.00	\$3,840.00
2574.508	FERTILIZER TYPE 3	POUND	112.0	\$2.00	\$224.00
2575.504	EROSION CONTROL BLANKETS CATEGORY 3N	SQ YD	3684.0	\$2.40	\$8,841.60
2575.505	SEEDING	ACRE	0.3	\$500.00	\$160.00
2575.508	SEED MIXTURE 25-141	POUND	22.0	\$5.00	\$110.00
2575.523	RAPID STABILIZATION METHOD 3	M GALLON	3.8	\$650.00	\$2,470.00
2582.502	4 In Solid Line, White Paint	FT	525.0	\$0.10	\$52.50
2582.502	4 In Solid Line, Yellow Paint	FT	263.0	\$0.12	\$31.56
Total Bridge Construction Costs					\$381,039.16



BRIDGE 6294 BUDGET

1. Administrative and legal expenses	\$	7,375.02
2. Land, structures, rights-of-way, appraisals, etc.	\$	1,843.75
3. Relocation expenses and payments	\$	-
4. Architectural and engineering fees	\$	18,437.54
5. Other architectural and engineering fees	\$	14,750.03
6. Project inspection fees	\$	29,500.06
7. Site work	\$	-
8. Demolition and removal	\$	23,264.00
9. Construction	\$	345,486.78
10. Equipment	\$	-
11. Miscellaneous	\$	-
TOTAL PROJECT COSTS	\$	440,657.18

ENGINEER'S ESTIMATE

Project Number: 0000-432198
Project Title or Road Number: Bridge No. 6294
Work Type: Bridge Construction

Item No.	Description	Units	Quantity	Unit Price	Total Price
2021.501	MOBILIZATION	LUMP SUM	1.0	\$17,000.00	\$17,000.00
2031.502	FIELD OFFICE TYPE D	EACH	1.0	\$10,000.00	\$10,000.00
2101.501	CLEARING & GRUBBING	LUMP SUM	1.0	\$5,000.00	\$5,000.00
2104.505	REMOVE PAVEMENT	SQ YD	1033.0	\$8.00	\$8,264.00
2105.504	GEOTEXTILE FILTER TYPE 6	SQ YD	1033.0	\$4.00	\$4,132.00
2105.601	DEWATERING	LUMP SUM	1.0	\$10,000.00	\$10,000.00
2105.601	TEMPORARY STREAM DIVERSION SYSTEM	LUMP SUM	1.0	\$10,000.00	\$10,000.00
2106.507	EXCAVATION - COMMON (P)	CU YD	1427.0	\$10.00	\$14,270.00
2106.507	SELECT GRANULAR EMBANKMENT (CV) (P)	CU YD	200.0	\$20.00	\$4,000.00
2106.507	SELECT GRANULAR EMBANKMENT MOD 7% (CV) (P)	CU YD	854.0	\$26.00	\$22,204.00
2118.507	AGGREGATE SURFACING (CV) CLASS 5 (P)	CU YD	91.0	\$25.00	\$2,275.00
2211.503	Aggregate Base, Class 6, CV	CU YD	172.0	\$26.50	\$4,558.00
2357.606	BITUMINOUS MATERIAL FOR SHOULDER TACK	GALLON	64.0	\$3.00	\$192.00
2360.501	Type SP 12.5 Wearing Course, Mix 4B	TON	174.0	\$61.00	\$10,614.00
2360.502	Type SP 12.5 Non-Wear Course, Mix 4B	TON	231.0	\$60.00	\$13,860.00
2412.502	10X8 PRECAST CONCRETE BOX CULV END SECT	EACH	4.0	\$13,000.00	\$52,000.00
2412.503	10X8 PRECAST CONCRETE BOX CULVERT	LIN FT	152.0	\$780.00	\$118,560.00
2442.501	REMOVE EXISTING BRIDGE	LUMP SUM	1.0	\$15,000.00	\$15,000.00
2451.507	COARSE AGGREGATE BEDDING (CV) (P)	CU YD	145.0	\$35.00	\$5,075.00
2501.502	INSTALL CULVERT MARKER	EACH	0.0	\$90.00	\$0.00
2501.502	48" CAS PIPE APRON	EACH	0.0	\$450.00	\$0.00
2501.503	48" CAS PIPE CULVERT	LIN FT	0.0	\$84.00	\$0.00
2501.507	CULVERT EXCAVATION CLASS U (P)	CU YD	145.0	\$15.00	\$2,175.00
2511.507	RANDOM RIPRAP CLASS III	CU YD	45.0	\$75.00	\$3,375.00
2554.603	INSTALL GUARDRAIL	FT	450.0	\$15.00	\$6,750.00
2554.602	INSTALL TANGENT TERMINAL	EA	4.0	\$800.00	\$3,200.00
2563.601	TRAFFIC CONTROL	LUMP SUM	1.0	\$7,000.00	\$7,000.00
2564.554	Snow Plow Marker	EA	4.0	\$43.00	\$172.00
2573.501	EROSION CONTROL SUPERVISOR	LUMP SUM	1.0	\$1,000.00	\$1,000.00
2573.503	SILT FENCE; TYPE HI	LIN FT	775.0	\$4.00	\$3,100.00
2574.507	COMMON TOPSOIL BORROW	CU YD	80.0	\$48.00	\$3,840.00
2574.508	FERTILIZER TYPE 3	POUND	112.0	\$2.00	\$224.00
2575.504	EROSION CONTROL BLANKETS CATEGORY 3N	SQ YD	3370.0	\$2.40	\$8,088.00
2575.505	SEEDING	ACRE	0.3	\$500.00	\$160.00
2575.508	SEED MIXTURE 25-141	POUND	22.0	\$5.00	\$110.00
2575.523	RAPID STABILIZATION METHOD 3	M GALLON	3.8	\$650.00	\$2,470.00
2582.502	4 In Solid Line, White Paint	FT	517.0	\$0.10	\$51.70
2582.502	4 In Solid Line, Yellow Paint	FT	259.0	\$0.12	\$31.08
Total Bridge Construction Costs					\$368,750.78