

APPENDIX C

Cost Estimate/Project Budget

The following budget shows costs associated with the bridge work:

New Bridge (3-span steel girder 41.515 degree skew)	26,699	SF	×	\$400.00	=	\$10,680,000
Jack Up Exist 1983 Bridge (42 bearings)	42	EA	×	\$10,000.00	=	\$420,000
Existing bridge deck removal	16,367	SF	×	\$20.00	=	\$328,000
Demolish Existing 1960 Bridge (sf of deck)	16,000	SF	×	\$35.00	=	\$560,000
New concrete deck on existing bridge	16,000	SF	×	\$125.00	=	\$2,000,000
Paint existing structural steel	16,000	SF	×	\$42.00	=	\$672,000
New Wingwalls on existing bridge	1	LS	×	\$140,000.00	=	\$140,000
Add soil anchors to existing bridge abutments	1	LS	×	\$150,000.00	=	\$150,000
		LS	×		=	\$0
DETOUR AND/OR TEMPORARY BRIDGE	1	LS	×	\$100,000.00	=	\$100,000
REHABILITATION CONTINGENCIES				N/A	=	\$0
MISCELLANEOUS (TCP'S, FIELD OFFICE, ETC.)				4%	=	\$602,000
MOBILIZATION				8%	=	\$1,204,000
STRUCTURE SUBTOTAL					=	\$16,860,000
APPROACHES		LF	×		=	\$0
MISCELLANEOUS				7%	=	\$0
MOBILIZATION				10%	=	\$0
APPROACHES SUBTOTAL					=	\$0
TOTAL CONSTRUCTION COST					=	\$16,860,000
PRELIMINARY ENGINEERING				9%	=	\$1,400,000
RIGHT OF WAY- To be included with approach work					=	
CONSTRUCTION ENGINEERING				9%	=	\$1,440,000
OTHER:					=	\$0
TOTAL PROJECT COST					=	\$19,730,000

The following budget shows costs associated with the DDI work:

Traffic Signals/Lighting		LS	×		=	\$4,000,000
ROAD BASE		EA	×		=	\$900,000
ROAD SURFACE		EA	×		=	\$2,500,000
SAFETY APPLICANCES		LS	×		=	\$300,000
DRAINAGE		LS	×		=	\$300,000
CULVERTS		LS	×		=	\$60,000
TRAFFIC CONTROL		LS	×		=	\$700,000
CONTINGENCIES					=	\$480,000
MISCELLANEOUS (TCP'S, FIELD OFFICE, ETC.)					=	\$3,000,000
MOBILIZATION					=	\$900,000
TOTAL CONSTRUCTION COST					=	\$13,140,000
PRELIMINARY ENGINEERING					=	\$610,000
RIGHT OF WAY					=	\$85,000
CONSTRUCTION ENGINEERING					=	\$1,380,000
OTHER:					=	
TOTAL PROJECT COST					=	\$15,215,000