

Preliminary Cost Estimate

PROJECT: Beals-Jonesport, Beals Island Bridge #5500 Bridge Replacement with Innovations 8 spans with 4 - NEBT 71's on stub abutments and two column piers. Deck Area: 1061' x 31.33' = 33,245 SF					WIN: 22626.00		
					ESTIMATED BY: JAW&TJC/KZS&KJB REVIEWED BY: RSBlunt		
SUPERSTRUCTURE:							
	33,245	SF	x	\$110	=	\$3,657,000	
ABUTMENTS:							
	2	EA	x	\$90,000	=	\$180,000	
PIERS:							
	7	EA	x	\$1,025,000	=	\$7,175,000	
COFFERDAMS:							
	7	EA	x	\$130,000	=	\$910,000	
STRUCTURAL EXCAVATION & BORROW:							
		CY	x		=	\$0	
(1)	RIPRAP:						
	21,000	CY	x	\$75	=	\$1,575,000	
EXISTING BRIDGE REMOVAL:							
	1	LS	x	\$1,300,000	=	\$1,300,000	
(2)	DETOUR AND/OR TEMPORARY BRIDGE:						
	1	LS	x	\$55,000	=	\$55,000	
REHABILITATION CONTINGENCIES:					N/A	=	\$0
(4)	MISCELLANEOUS (TCP'S, FIELD OFFICE, ETC.):				10%	=	\$1,456,000
(4)	MOBILIZATION:				10%	=	\$1,486,000
STRUCTURE SUBTOTAL					=	\$17,795,000	
(3)	APPROACHES:						
	3,000	LF	x	\$437	=	\$1,311,000	
(4)	MISCELLANEOUS:						
				10%	=	\$136,000	
(4)	MOBILIZATION:						
				10%	=	\$132,000	
APPROACHES SUBTOTAL					=	\$1,579,000	
TOTAL CONSTRUCTION COST					=	\$19,374,000	
(4)	PRELIMINARY ENGINEERING:				6%	=	\$1,180,000
(5)	RIGHT OF WAY:					=	\$250,000
(4)	CONSTRUCTION ENGINEERING:				6%	=	\$1,175,000
(6)	OTHER INNOVATIONS:					=	\$500,000
TOTAL PROJECT COST					=	\$22,479,000	

Revision 03-11-16

- (1) Includes stone fill for causeway widening
- (2) TCP and MOT Cost
- (3) Includes \$475,000 for mitigation, \$36,000 in special waste disposal, and \$200,000 for retaining walls.
- (4) Estimated values
- (5) Assumed value of \$250,000
- (6) Corrosion proof reinforcement