

Preliminary Cost Estimate

PROJECT: Beals-Jonesport, Beals Island Bridge #5500					WIN: 22626.00	
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					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
RIPRAP:	21,000	CY	x	\$75	=	\$1,575,000
EXISTING BRIDGE REMOVAL:	1	LS	x	\$1,300,000	=	\$1,300,000
DETOUR AND/OR TEMPORARY BRIDGE:	1	LS	x	\$55,000	=	\$55,000
REHABILITATION CONTINGENCIES:				N/A	=	\$0
MISCELLANEOUS (TCP'S, FIELD OFFICE, ETC.):				10%	=	\$1,456,000
MOBILIZATION:				10%	=	\$1,486,000
STRUCTURE SUBTOTAL				=	\$17,795,000	
APPROACHES:	3,000	LF	x	\$437	=	\$1,311,000
MISCELLANEOUS:				10%	=	\$136,000
MOBILIZATION:				10%	=	\$132,000
APPROACHES SUBTOTAL				=	\$1,579,000	
TOTAL CONSTRUCTION COST				=	\$19,374,000	
PRELIMINARY ENGINEERING:				6%	=	\$1,180,000
RIGHT OF WAY:					=	\$250,000
CONSTRUCTION ENGINEERING:				6%	=	\$1,175,000
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