

Preliminary Cost Estimate

PROJECT: Richmond-Dresden, Maine Kennebec Bridge						WIN: 012674.00	
1478' High Level Welded Girder Superstructure with Tall Piers and 1600' of Approaches.						ESTIMATED BY: LRT	
Deck Area: 37.28' x 1478' = 55100 SF							
SUPERSTRUCTURE:	55100	SF	x	\$95	=	\$5,240,000	
SUBSTRUCTURE, including retaining walls:	55100	SF	x	\$120	=	\$6,610,000	
COFFERDAMS:	8	EA	x	\$300,000	=	\$2,400,000	
STRUCTURAL EXCAVATION & BORROW:	3000	CY	x	\$40	=	\$120,000	
RIPRAP:	1000	CY	x	\$40	=	\$40,000	
EXISTING BRIDGE REMOVAL:	55100	SF	x	\$30	=	\$1,660,000	
DETOUR AND/OR TEMPORARY BRIDGE:	0	SF	x	\$0	=	\$0	
REHABILITATION CONTINGENCIES:				0%	=	\$0	
MISCELLANEOUS (TCP'S, FIELD OFFICE, ETC.):				10%	=	\$1,620,000	
MOBILIZATION:				10%	=	\$1,760,000	
STRUCTURE SUBTOTAL						=	\$19,450,000
APPROACHES:	1600	LF	x	\$1000	=	\$1,600,000	
MISCELLANEOUS:				10%	=	\$165,000	
MOBILIZATION:				10%	=	\$185,000	
APPROACHES SUBTOTAL						=	\$1,950,000
TOTAL CONSTRUCTION COST						=	\$21,400,000
PRELIMINARY ENGINEERING:				6%	=	\$1,300,000	
RIGHT OF WAY:					=	\$500,000	
CONSTRUCTION ENGINEERING:				8%	=	\$1,700,000	
OTHER:					=	\$0	
TOTAL PROJECT COST						=	\$24,900,000