

Preliminary Cost Estimate

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