

PRELIMINARY COST ESTIMATE

PROJECT: <u>Rumford Point - Martin Memorial Bridge</u> Alternate 6A: 480' x 32ft Adjacent Upstream Repl. 3 span welded girder, precast deck panels, concrete abutments, mass piers, H-piles Spans: 149' - 182' - 149' = 480'	PIN: 15105.00 ESTIMATED BY: KSW CHECKED BY: RSBlunt
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SUPERSTRUCTURE:	<u>16958</u> SF	x	<u>\$170</u>	=	<u>\$2,883,000</u>
ABUTMENTS:	<u>16958</u> SF	x	<u>\$50</u>	=	<u>\$848,000</u>
PIER:	<u>16958</u> SF	x	<u>\$55</u>	=	<u>\$933,000</u>
COFFERDAMS:	<u>2</u> EA	x	<u>\$200,000</u>	=	<u>\$400,000</u>
STRUCTURAL EXCAVATION: ABUTMENTS	<u>200</u> CY	x	<u>\$40</u>	=	<u>\$8,000</u>
STRUCTURAL EXCAVATION: PIERS	<u>372</u> CY	x	<u>\$70</u>	=	<u>\$27,000</u>
RIPRAP (Plain \$65/CY):	<u>1610</u> CY	x	<u>\$65</u>	=	<u>\$105,000</u>
EXISTING BRIDGE REMOVAL:	<u>17476</u> SF	x	<u>\$25</u>	=	<u>\$437,000</u>
DETOUR AND/OR TEMPORARY BRIDGE:	<u>1</u> LS	x	<u>\$0</u>	=	<u>\$0</u>
MISCELLANEOUS (TCP'S, FIELD OFFICE, ETC.):			10%	=	<u>\$565,000</u>
MOBILIZATION:			10%	=	<u>\$565,000</u>

STRUCTURE SUBTOTAL				=	\$6,775,000
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APPROACHES:	<u>1900</u> LF	x	<u>\$395</u>	=	<u>\$751,000</u>
MISCELLANEOUS:			10%	=	<u>\$76,000</u>
MOBILIZATION:			10%	=	<u>\$76,000</u>

APPROACHES SUBTOTAL				=	\$905,000
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TOTAL CONSTRUCTION COST				=	\$7,680,000
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PRELIMINARY ENGINEERING:			9%	=	<u>\$695,000</u>
RIGHT OF WAY: (Farmland & Buildings)				=	<u>\$125,000</u>
CONSTRUCTION ENGINEERING:			10%	=	<u>\$770,000</u>
OTHER:				=	<u>\$0</u>

TOTAL PROJECT COST				=	\$9,300,000
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