

Preliminary Cost Estimate

Merrill Road

PROJECT:	Freeport, Merrill Road #5720	WIN:	23627.00
	Bridge Replacement: Two Span Replacement Welded Plate Girders with Composite Concrete Deck Deck Area: 175' x 35' 6125 SF	ESTIMATED BY:	HNTB

SUPERSTRUCTURE	<u>6,125</u>	SF	×	<u>\$250.00</u>	=	<u>\$1,532,000</u>
SUBSTRUCTURE	<u>3</u>	EA	×	<u>\$500,000.00</u>	=	<u>\$1,500,000</u>
TEMPORARY EARTH SUPPORTS	<u>1</u>	LS	×	<u>\$110,000.00</u>	=	<u>\$110,000</u>
STRUCTURAL EXCAVATION & BORROW	<u>250</u>	CY	×	<u>\$30.00</u>	=	<u>\$8,000</u>
LANDSCAPE AMENITIES	<u>1</u>	LS	×	<u>\$100,000.00</u>	=	<u>\$100,000</u>
EXISTING BRIDGE REMOVAL	<u>1</u>	LS	×	<u>\$150,000.00</u>	=	<u>\$150,000</u>
REHABILITATION CONTINGENCIES				<u>N/A</u>	=	<u>\$0</u>
MISCELLANEOUS (TCP'S, FIELD OFFICE, ETC.)				<u>8%</u>	=	<u>\$272,000</u>
MOBILIZATION				<u>10%</u>	=	<u>\$340,000</u>
STRUCTURE SUBTOTAL					=	\$4,020,000
APPROACHES	<u>1000</u>	LF	×	<u>\$600.00</u>	=	<u>\$600,000</u>
MISCELLANEOUS				<u>8%</u>	=	<u>\$48,000</u>
MOBILIZATION				<u>10%</u>	=	<u>\$60,000</u>
APPROACHES SUBTOTAL					=	\$710,000
TOTAL CONSTRUCTION COST					=	\$4,730,000
PRELIMINARY ENGINEERING				<u>10%</u>	=	<u>\$470,000</u>
RIGHT OF WAY					=	<u>\$100,000</u>
CONSTRUCTION ENGINEERING				<u>8%</u>	=	<u>\$400,000</u>
OTHER:					=	<u>\$0</u>
TOTAL PROJECT COST					=	\$5,700,000

Preliminary Cost Estimate

Approach Road

PROJECT:	Freeport, Approach Road #5721	WIN:	21726.00
	Bridge Replacement: Two Span Replacement Welded Plate Girders with Composite Concrete Deck Deck Area: 164' x 48.5' 7954 SF	ESTIMATED BY:	HNTB
SUPERSTRUCTURE	<u>7,954</u> SF	×	<u>\$250.00</u> = <u>\$1,989,000</u>
SUBSTRUCTURE	<u>3</u> EA	×	<u>\$500,000.00</u> = <u>\$1,500,000</u>
TEMPORARY EARTH SUPPORTS	<u>1</u> LS	×	<u>\$80,000.00</u> = <u>\$80,000</u>
STRUCTURAL EXCAVATION & BORROW	<u>320</u> CY	×	<u>\$30.00</u> = <u>\$10,000</u>
LANDSCAPE AMENITIES	<u>1</u> LS	×	<u>\$120,000.00</u> = <u>\$120,000</u>
EXISTING BRIDGE REMOVAL	<u>1</u> LS	×	<u>\$200,000.00</u> = <u>\$200,000</u>
REHABILITATION CONTINGENCIES			<u>N/A</u> = <u>\$0</u>
MISCELLANEOUS (TCP'S, FIELD OFFICE, ETC.)			<u>8%</u> = <u>\$312,000</u>
MOBILIZATION			<u>10%</u> = <u>\$390,000</u>
STRUCTURE SUBTOTAL			= \$4,610,000
APPROACHES	<u>1000</u> LF	×	<u>\$600.00</u> = <u>\$600,000</u>
MISCELLANEOUS			<u>8%</u> = <u>\$48,000</u>
MOBILIZATION			<u>10%</u> = <u>\$60,000</u>
APPROACHES SUBTOTAL			= \$710,000
TOTAL CONSTRUCTION COST			= \$5,320,000
PRELIMINARY ENGINEERING			<u>10%</u> = <u>\$540,000</u>
RIGHT OF WAY			= <u>\$100,000</u>
CONSTRUCTION ENGINEERING			<u>8%</u> = <u>\$440,000</u>
OTHER:			= <u>\$0</u>
TOTAL PROJECT COST			= \$6,400,000

Preliminary Cost Estimate

I-295 NB or SB

PROJECT:	Yarmouth, I-295 SB or NB #1509 & #5833	WIN:	
	Bridge Replacement: Three Span Replacement Welded Plate Girders with Composite Concrete Deck Deck Area: 264' x 47' 12408 SF	ESTIMATED BY:	HNTB

SUPERSTRUCTURE	<u>12,408</u>	SF	×	<u>\$250.00</u>	=	<u>\$3,102,000</u>
SUBSTRUCTURE	<u>4</u>	EA	×	<u>\$500,000.00</u>	=	<u>\$2,000,000</u>
TEMPORARY EARTH SUPPORTS	<u>1</u>	LS	×	<u>\$250,000.00</u>	=	<u>\$250,000</u>
STRUCTURAL EXCAVATION & BORROW	<u>500</u>	CY	×	<u>\$30.00</u>	=	<u>\$15,000</u>
LANDSCAPE AMENITIES	<u>1</u>	LS	×	<u>\$200,000.00</u>	=	<u>\$200,000</u>
EXISTING BRIDGE REMOVAL	<u>1</u>	LS	×	<u>\$400,000.00</u>	=	<u>\$400,000</u>
Other: SPECIAL MAINTENANCE OF TRAFFIC					=	<u>\$250,000</u>
MISCELLANEOUS (TCP'S, FIELD OFFICE, ETC.)				<u>8%</u>	=	<u>\$478,000</u>
MOBILIZATION				<u>10%</u>	=	<u>\$597,000</u>
STRUCTURE SUBTOTAL					=	\$7,300,000
APPROACHES	<u>2000</u>	LF	×	<u>\$600.00</u>	=	<u>\$1,200,000</u>
MISCELLANEOUS				<u>8%</u>	=	<u>\$96,000</u>
MOBILIZATION				<u>10%</u>	=	<u>\$120,000</u>
APPROACHES SUBTOTAL					=	\$1,420,000
TOTAL CONSTRUCTION COST					=	\$8,770,000
PRELIMINARY ENGINEERING				<u>10%</u>	=	<u>\$850,000</u>
RIGHT OF WAY					=	<u>\$100,000</u>
CONSTRUCTION ENGINEERING				<u>8%</u>	=	<u>\$680,000</u>
OTHER: SPECIAL MAINTENANCE OF TRAFFIC					=	
TOTAL PROJECT COST					=	\$10,400,000