

ENGINEER'S ESTIMATE																																		
LINE NO.	ITEM NUMBER	ITEM	UNIT	UNIT PRICE	PROJECT TOTAL		FEDERAL PARTICIPATING												NON-FEDERAL PARTICIPATING															
							S.P. 062-636-005												S.P. 062-636-006															
							BRIDGE 62634		BRIDGE 62634 LIGHTING		BRIDGE 62634 ORNAMENTAL RAILING		ROADWAY AND REMOVE EXISTING BRIDGE		BRIDGES 62635 & 62636		TRAIL BRIDGES LIGHTING/RAILING		BRIDGES 62635 & 62636 ORNAMENTAL RAILING		ROADWAY		STORM SEWER		ORNAMENTAL RAILING (ABOVE \$150/FT)		TRAIL		STORM SEWER		PONDING		STORM SEWER	
					QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT
C22	2405.511	DIAPHRAGMS FOR TYPE MNG3 PREST BEAMS	LIN FT	\$100.00	54	\$5,400.00									54	\$5,400.00																		
C23	2451.601	DEWATERING (BRIDGE 62635)	LUMP SUM		1	\$25,000.00									1	\$25,000.00																		
C24	2452.601	MICROPILE MOBILIZATION	LUMP SUM	\$5,000.00	1	\$5,000.00									1	\$5,000.00																		
C25	2452.602	MICROPILES	EACH	\$4,300.00	17	\$73,100.00									17	\$73,100.00																		
C26	2452.602	MICROPILE PROOF LOAD TEST	EACH	\$20,000.00	3	\$60,000.00									3	\$60,000.00																		
C27	2502.502	DRAINAGE SYSTEM TYPE (B910)	LUMP SUM		1	\$2,500.00									1	\$2,500.00																		
C28	2545.509	CONDUIT SYSTEM (LIGHTING) TYPE 1	LUMP SUM	\$3,000.00	1	\$3,000.00									1	\$3,000.00																		
D1	2105.609	HAUL & DISPOSE OF CONTAMINATED SOIL	TON	\$40.00	434	\$17,360.00													434	\$17,360.00														
D2	2401.501	STRUCTURAL CONCRETE (1A43)	CU YD	\$600.00	100	\$60,000.00									100	\$60,000.00																		
D3	2401.501	STRUCTURAL CONCRETE (3Y43)	CU YD	\$750.00	129	\$96,750.00									129	\$96,750.00																		
D4	2401.512	BRIDGE SLAB CONCRETE (3Y43HFWC)	SQ FT	\$26.00	9636	\$250,536.00									9636	\$250,536.00																		
D5	2401.513	TYPE MOD P-1 RAILING CONCRETE (3Y46)	LIN FT	\$120.00	1319	\$158,280.00									1319	\$158,280.00																		
D6	2401.541	REINFORCEMENT BARS	POUND	\$1.15	9940	\$11,431.00									9940	\$11,431.00																		
D7	2401.541	REINFORCEMENT BARS (EPOXY COATED)	POUND	\$1.45	96900	\$140,505.00									96900	\$140,505.00																		
D8	2401.601	FOUNDATION PREPARATION WEST ABUTMENT	LUMP SUM	\$25,000.00	1	\$25,000.00									1	\$25,000.00																		
D9	2401.601	FOUNDATION PREPARATION PIER 1	LUMP SUM	\$15,000.00	1	\$15,000.00									1	\$15,000.00																		
D10	2401.601	FOUNDATION PREPARATION PIER 2	LUMP SUM	\$10,000.00	1	\$10,000.00									1	\$10,000.00																		
D11	2401.601	FOUNDATION PREPARATION PIER 3	LUMP SUM	\$6,000.00	1	\$6,000.00									1	\$6,000.00																		
D12	2401.601	FOUNDATION PREPARATION PIER 4	LUMP SUM	\$6,000.00	1	\$6,000.00									1	\$6,000.00																		
D13	2401.601	FOUNDATION PREPARATION PIER 5	LUMP SUM	\$6,000.00	1	\$6,000.00									1	\$6,000.00																		
D14	2401.601	FOUNDATION PREPARATION PIER 6	LUMP SUM	\$6,000.00	1	\$6,000.00									1	\$6,000.00																		
D15	2401.618	REINFORCED SIDEWALK SLAB TYPE 3 (3A42)	SQ FT	\$20.00	260	\$5,200.00									260	\$5,200.00																		
D16	2402.521	STRUCTURAL STEEL (3306)	POUND	\$3.00	554	\$1,662.00									554	\$1,662.00																		
D17	2402.583	ORNAMENTAL METAL RAILING TYPE SPECIAL 1	LIN FT	\$260.00	104	\$27,040.00									40	\$10,400.00					64	\$16,640.00												
D18	2403.583	ORNAMENTAL METAL RAILING TYPE SPECIAL 2	LIN FT	\$130.00	1163	\$151,190.00									1163	\$151,190.00																		
D19	2402.591	EXPANSION JOINT DEVICES, TYPE 4	LIN FT	\$165.00	42	\$6,930.00									42	\$6,930.00																		
D20	2402.595	BEARING ASSEMBLY	EACH	\$1,000.00	40	\$40,000.00									40	\$40,000.00																		
D21	2402.601	UP RAIL PROTECTION PLATFORM	LUMP SUM	\$60,000.00	1	\$60,000.00									1	\$60,000.00																		
D22	2405.502	PRESTRESSED CONCRETE BEAMS 18RB	LIN FT	\$200.00	488	\$97,600.00									488	\$97,600.00																		
D23	2405.502	PRESTRESSED CONCRETE BEAMS MN54	LIN FT	\$200.00	1340	\$268,000.00									1340	\$268,000.00																		
D24	2405.511	DIAPHRAGMS FOR TYPE MN54 PREST BEAMS	LIN FT	\$100.00	125	\$12,500.00									125	\$12,500.00																		
D25	2433.601	MODIFY SHEET PILE WALL	LUMP SUM	\$50,000.00	1	\$50,000.00									1	\$50,000.00																		
D26	2451.601	DEWATERING (BRIDGE 62636)	LUMP SUM	\$5,000.00	1	\$5,000.00									1	\$5,000.00																		
D27	2452.510	STEEL H-PILING DRIVEN 14"	LIN FT	\$36.00	1555	\$55,980.00									1555	\$55,980.00																		
D28	2452.511	STEEL H-PILING DELIVERED 14"	LIN FT	\$3.00	1555	\$4,665.00									1555	\$4,665.00																		
D29	2452.520	STEEL H-TEST PILE, 65' LONG 14"	EACH	\$7,000.00	5	\$35,000.00									5	\$35,000.00																		
D30	2452.520	STEEL H-TEST PILE, 70' LONG 14"	EACH	\$7,000.00	1	\$7,000.00									1	\$7,000.00																		
D31	2452.520	STEEL H-TEST PILE, 75' LONG 14"	EACH	\$7,000.00	1	\$7,000.00									1	\$7,000.00																		
D32	2452.530	PILE TIP PROTECTION 14"	EACH	\$100.00	32	\$3,200.00									32	\$3,200.00																		
D33	2545.509	CONDUIT SYSTEM (LIGHTING) TYPE 1	LUMP SUM	\$5,000.00	1	\$5,000.00									1	\$5,000.00																		

ENGINEER'S ESTIMATE - SUMMARY																																
COST SPLITS		FEDERAL PARTICIPATING												NON-FEDERAL PARTICIPATING																		
		S.P. 062-636-005								S.P. 062-636-006				S.P. 062-636-005																		
		BRIDGE 62634		BRIDGE 62634 LIGHTING		BRIDGE 62634 ORNAMENTAL RAILING		ROADWAY AND REMOVE EXISTING BRIDGE		BRIDGES 62635 & 62636		TRAIL BRIDGES LIGHTING/RAILING		BRIDGES 62635 & 62636 ORNAMENTAL RAILING		ROADWAY		STORM SEWER		ORNAMENTAL RAILING (ABOVE \$150/FT)		TRAIL		STORM SEWER		PONDING		STORM SEWER		STORM SEWER		
		PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	QUANTITY	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	
MOB./ROADWAY/TRAIL (A1 - A11) TOTAL	\$2,082,647.40		\$781,937.70						\$594,741.50		\$412,177.30						\$38,816.20		\$77,773.80			\$5,329.10		\$127,128.60		\$17,304.48		\$15,808.15		\$2,902.20		\$8,750.98
BRIDGE 62634 (B1 - B45) TOTAL	\$8,597,371.73		\$8,199,771.73						\$325,000.00								\$41,400.00					\$31,200.00										
BRIDGE 62635 (C1 - C28) TOTAL	\$916,029.50										\$890,889.50						\$6,680.00					\$18,460.00										
BRIDGE 62636 (D1 - D34) TOTAL	\$1,651,829.00										\$1,617,829.00						\$17,360.00					\$16,640.00										
PROJECT TOTAL	\$13,247,877.63		\$8,981,709.43						\$919,741.50		\$2,920,895.80						\$104,256.20		\$77,773.80			\$71,629.10		\$127,128.60		\$17,304.48		\$15,808.15		\$2,902.20		\$8,750.98
FEDERAL S.P. 062-636-005 MAX %	\$7,921,160.74	80.000%	\$7,185,367.54					80.000%	\$735,793.20																							
FEDERAL S.P. 062-636-005 CAP	\$7,584,416.00																															
FEDERAL S.P. 062-636-005 TOTAL	\$7,584,416.00	76.599%	\$6,879,902.87					76.599%	\$704,513.13																							
FEDERAL S.P. 062-636-006 MAX %	\$2,336,716.64									80.000%	\$2,336,716.64																					
FEDERAL S.P. 062-636-006 CAP	\$1,182,030.00																															
FEDERAL S.P. 062-636-006 TOTAL	\$1,182,028.11									40.468%	\$1,182,028.11																					
STATE BRIDGE BONDS TOTAL	\$2,945,722.10	20.041%	\$1,800,021.12							39.224%	\$1,145,700.98																					
COUNTY CSAH TOTAL	\$906,814.81	1.680%	\$150,892.72					23.401%	\$215,228.37	10.154%	\$296,583.36					100.000%	\$104,256.20						100.000%	\$127,128.60			80.500%	\$12,725.56				
COUNTY CSAH STORM SEWER TOTAL	\$101,790.04																100.000%	\$77,773.80						100.000%	\$17,304.48			80.500%	\$2,336.27	50.000%	\$4,375.49	
CITY LOCAL TOTAL	\$522,187.77	1.680%	\$150,892.72							10.154%	\$296,583.36								100%	\$71,629.10						19.500%	\$3,082.59					
CITY LOCAL STORM SEWER TOTAL	\$4,941.42																												19.500%	\$565.93	50.000%	\$4,375.49

	DISTRIBUTE MOBILIZATION & SPLIT ROADWAY AND TRAIL	
LINE A	ROADWAY TOTAL	\$738,792.83
LINE B	TRAIL TOTAL	\$144,433.08
LINE C	BRIDGE 62634 TOTAL	\$9,384,638.53
LINE D	BRIDGE 62635 TOTAL	\$1,063,065.08
LINE E	BRIDGE 62636 TOTAL	\$1,916,970.72
LINE F	PROJECT TOTAL	\$13,247,900.24

COST OF 8 FOOT SIDEWALK FOR REMAINING PORTION OF BRIDGE 62634		
LINE G	COST PER SQ. FT. FOR BRIDGE 34 AS PER PLAN: (LINE C - BRIDGE 62634 METAL RAILING) / 33,779 SQ. FT.	\$ 275.63
LINE H	COST OF 8 FOOT SIDEWALK FOR REMAINING PORTION OF BRIDGE 62634 LINE G x 5121 SQ. FT.	\$ 1,411,501.23
LINE I	80% OF THE 12 FOOT SIDEWALK COST IS FEDERAL PARTICIPATING 80% OF LINE H	\$ 1,129,200.98
LINE J	COST OF CHAIN LINK RAILING 550 FT OF RAILING x \$30/FT	\$ 16,500.00
	TOTAL CREDIT FOR PEDESTRIAN BRIDGES LINE I + LINE J	\$ 1,145,700.98

FINAL COSTS PER FUNDING SOURCE	
FEDERAL S.P. 062-636-005 TOTAL	\$7,584,416.00
FEDERAL S.P. 062-636-006 TOTAL	\$1,182,028.11
STATE BRIDGE BONDS TOTAL	\$2,945,722.10
COUNTY CSAH TOTAL	\$1,008,604.85
CITY LOCAL TOTAL	\$527,129.19
PROJECT TOTAL	\$13,247,900.25