COST ESTIMATE BACK UP SHEETS

TWO FEASIBILITY STUDIES OF REGIONAL TRAIL LINKAGE TO THE COMMUNITY PATH EXTENSION (CPX)

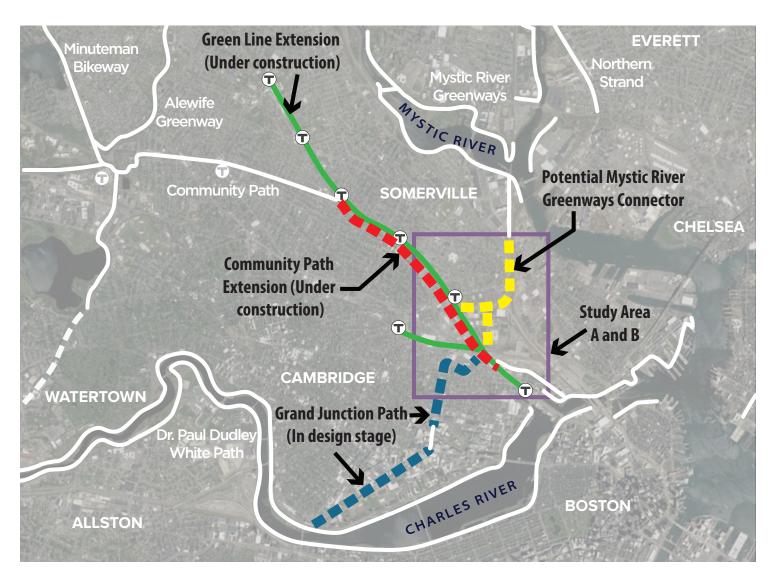
FEASIBILITY STUDY A:

COMMUNITY PATH EXTENSION: CONNECTION TO THE GRAND JUNCTION PATH

FEASIBILITY STUDY B:

COMMUNITY PATH EXTENSION: CONNECTION TO THE MYSTIC RIVER GREENWAYS AT ASSEMBLY SQUARE

JUNE 1, 2020



Computed By: KDC Checked By: BB

Proj. #A2

ITEM NO.	PART. QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	PART. COST	NON-PART. COST
102.51*	9	EA	INDIVIDUAL TREE PROTECTION	\$450.00	\$4,050.00	\$0.00
120.	200	CY	EARTH EXCAVATION	\$50.00	\$10,000.00	\$0.00
150.	12	CY	ORDINARY BORROW	\$55.00	\$660.00	\$0.00
151.	150	CY	GRAVEL BORROW	\$60.00	\$9,000.00	\$0.00
170.*	500	SY	FINE GRADING AND COMPACTING	\$12.00	\$6,000.00	\$0.00
440.	500	LB	CALCIUM CHLORIDE FOR ROADWAY DUST CONTROL	\$0.50	\$250.00	\$0.00
443.	1	MGL	WATER FOR ROADWAY DUST CONTROL	\$100.00	\$100.00	\$0.00
450.22	150	TON	SUPERPAVE SURFACE COURSE – 9.5 (SSC – 9.5)	\$225.00	\$33,750.00	\$0.00
452.	50	GAL	ASPHALT EMULSION FOR TACK COAT	\$10.00	\$500.00	\$0.00
740.*	2	MO	ENGINEERS FIELD OFFICE AND EQUIPMENT (TYPE A)	\$3,500.00	\$7,000.00	\$0.00
748.	1	LS	MOBILIZATION	\$8,700.00	\$8,700.00	\$0.00
767.6*	1	CY	AGED PINE BARK MULCH	\$85.00	\$85.00	\$0.00
852.	4	SF	SAFETY SIGNING FOR CONSTRUCTION OPERATIONS	\$20.00	\$80.00	\$0.00
853.1	6	EA	PORTABLE BREAKAWAY BARRICADE TYPE III	\$140.00	\$840.00	\$0.00
				Subtotal:	\$81,015.00	\$0.00
				10% Construction Engineering:	\$8,101.50	\$0.00
				25% Minor Items:	\$20,253.75	\$0.00
				Subtotal:	\$109,370.25	\$0.00
				30% Construction Contingency:	\$32,811.08	\$0.00
				Total:	\$142,181.33	\$0.00
				5% Inflation (4 years):	\$30,640.96	\$0.00
				Grand Total (2024):	\$172,823.00	\$0.00

^{*-}Denotes item has special provision

^{**} Estimate does not include costs for snow guard materials or installation

Computed By: KDC Checked By: BB

Proj. #A3

ITEM NO.	PART. QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	PART. COST	NON-PART. COST
102.51*	8	EA	INDIVIDUAL TREE PROTECTION	\$450.00	\$3,600.00	\$0.00
103.*	11	EA	TREE REMOVED - DIAMETER UNDER 24 INCHES	\$1,800.00	\$19,800.00	\$0.00
120.	200	CY	EARTH EXCAVATION	\$50.00	\$10,000.00	\$0.00
150.	10	CY	ORDINARY BORROW	\$55.00	\$550.00	\$0.00
151.	150	CY	GRAVEL BORROW	\$60.00	\$9,000.00	\$0.00
170.*	675	SY	FINE GRADING AND COMPACTING	\$12.00	\$8,100.00	\$0.00
440.	625	LB	CALCIUM CHLORIDE FOR ROADWAY DUST CONTROL	\$0.50	\$312.50	\$0.00
443.	1	MGL	WATER FOR ROADWAY DUST CONTROL	\$100.00	\$100.00	\$0.00
450.22	150	TON	SUPERPAVE SURFACE COURSE – 9.5 (SSC – 9.5)	\$225.00	\$33,750.00	\$0.00
452	50	GAL	ASPHALT EMULSION FOR TACK COAT	\$10.00	\$500.00	\$0.00
594.	50	FT	CURB REMOVED AND DISCARDED	\$15.00	\$750.00	\$0.00
701.*	75	SY	CEMENT CONCRETE SIDEWALK	\$135.00	\$10,125.00	\$0.00
707.81*	1	EA	BOLLARD	\$1,500.00	\$1,500.00	\$0.00
740.*	4	MO	ENGINEERS FIELD OFFICE AND EQUIPMENT (TYPE A)	\$3,500.00	\$14,000.00	\$0.00
748.	1	LS	MOBILIZATION	\$11,600.00	\$11,600.00	\$0.00
767.6*	1	CY	AGED PINE BARK MULCH	\$85.00	\$85.00	\$0.00
859.	3,529	DD	REFLECTORIZED DRUM	\$0.25	\$882.25	\$0.00
866.04	100	FT	4 INCH REFLECTORIZED WHITE LINE (THERMOPLASTIC)	\$2.00	\$200.00	\$0.00
				Subtotal:	\$127,534.75	\$0.00
				10% Construction Engineering:	\$12,753.48	\$0.00
				25% Minor Items:	\$31,883.69	\$0.00
				Subtotal:	\$172,171.91	\$0.00
				30% Construction Contingency:	\$51,651.57	\$0.00
				Total:	\$223,823.49	\$0.00
				5% Inflation (4 years):	\$48,235.36	\$0.00
				Grand Total (2024):	\$272,059.00	\$0.00

^{*-}Denotes item has special provision

Computed By: KDC Checked By: BB

Proj. #A4

ITEM NO.	PART. QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	PART. COST	NON-PART. COST
120.	5	CY	EARTH EXCAVATION	\$60.00	\$300.00	\$0.00
151.	15	CY	GRAVEL BORROW	\$70.00	\$1,050.00	\$0.00
170.*	50	SY	FINE GRADING AND COMPACTING	\$12.00	\$600.00	\$0.00
509.	30	FT	GRANITE TRANSITION CURB FOR WHEELCHAIR RAMPS - STRAIGHT	\$95.00	\$2,850.00	\$0.00
509.1	30	FT	GRANITE TRANSITION CURB FOR WHEELCHAIR RAMPS - CURVED	\$100.00	\$3,000.00	\$0.00
594.	50	FT	CURB REMOVED AND DISCARDED	\$15.00	\$750.00	\$0.00
701.2*	50	SY	CEMENT CONCRETE WHEELCHAIR RAMP	\$150.00	\$7,500.00	\$0.00
740.*	3	MO	ENGINEERS FIELD OFFICE AND EQUIPMENT (TYPE A)	\$3,500.00	\$10,500.00	\$0.00
748.	1	LS	MOBILIZATION	\$4,900.00	\$4,900.00	\$0.00
816.01*	1	LS	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 1	\$10,000.00	\$10,000.00	\$0.00
850.41*	21	HR	ROADWAY FLAGGER	\$60.00	\$1,260.00	\$0.00
852.	65	SF	SAFETY SIGNING FOR CONSTRUCTION OPERATIONS	\$20.00	\$1,300.00	\$0.00
859.	2,647	DD	REFLECTORIZED DRUM	\$0.25	\$661.75	\$0.00
865.1	350	SF	CROSS WALKS AND STOP LINES REFL. WHITE (THERMOPLASTIC)	\$2.00	\$700.00	\$0.00
				Subtotal:	\$45,371.75	\$0.00
			10% Construct	ion Engineering:	\$4,537.18	\$0.00
			2	5% Minor Items:	\$11,342.94	\$0.00
				Subtotal:	\$61,251.86	\$0.00
			30% Constructi	ion Contingency:	\$18,375.56	\$0.00
				Total:	\$79,627.42	\$0.00
			5% Ir	nflation (4 years):	\$17,160.21	\$0.00
			Gr	and Total (2024):	\$96,788.00	\$0.00

^{*-}Denotes item has special provision

Computed By: KDC

Checked By: BB

Proj. #A7

May 2020

ITEM NON-PART. PART. UNIT **DESCRIPTION UNIT PRICE** PART. COST QUANTITY COST NO. **EARTH EXCAVATION** \$50.00 120. 100 CY \$5,000.00 \$0.00 150 10 CY ORDINARY BORROW \$55.00 \$550.00 \$0.00 151. 75 CY \$65.00 \$4,875.00 \$0.00 **GRAVEL BORROW** 170.* 300 SY FINE GRADING AND COMPACTING \$12.00 \$3,600.00 \$0.00 440. 275 LB CALCIUM CHLORIDE FOR ROADWAY DUST CONTROL \$0.50 \$137.50 \$0.00 443. 1 MGL WATER FOR ROADWAY DUST CONTROL \$100.00 \$100.00 \$0.00 450.22 75 TON SUPERPAVE SURFACE COURSE - 9.5 (SSC - 9.5) \$225.00 \$16,875.00 \$0.00 452. 25 GAL ASPHALT EMULSION FOR TACK COAT \$10.00 \$250.00 \$0.00 740.* МО ENGINEERS FIELD OFFICE AND EQUIPMENT (TYPE A) \$3,500.00 \$14,000.00 \$0.00 748. LS MOBILIZATION \$5,600.00 \$5,600.00 \$0.00 852. 4 SF SAFETY SIGNING FOR CONSTRUCTION OPERATIONS \$20.00 \$80.00 \$0.00 853.1 EΑ PORTABLE BREAKAWAY BARRICADE TYPE III \$140.00 \$560.00 \$0.00 Subtotal: \$51,627.50 \$0.00 10% Construction Engineering: \$5,162.75 \$0.00 25% Minor Items: \$12,906.88 \$0.00 Subtotal: \$69,697.13 \$0.00 30% Construction Contingency: \$20,909.14 \$0.00 Total: \$90,606.26 \$0.00 \$19,526.22 5% Inflation (4 years): \$0.00 Grand Total (2024): \$110,133.00 \$0.00

^{*-}Denotes item has special provision

Computed By: KDC Checked By: BB

Proj. #A9

ITEM NO.	PART. QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	PART. COST	NON-PART. COST
120.	100	CY	EARTH EXCAVATION	\$55.00	\$5,500.00	\$0.00
150.	20	CY	ORDINARY BORROW	\$55.00	\$1,100.00	\$0.00
151.	100	CY	GRAVEL BORROW	\$60.00	\$6,000.00	\$0.00
170.*	350	SY	FINE GRADING AND COMPACTING	\$12.00	\$4,200.00	\$0.00
440.	325	LB	CALCIUM CHLORIDE FOR ROADWAY DUST CONTROL	\$0.50	\$162.50	\$0.00
443.	1	MGL	WATER FOR ROADWAY DUST CONTROL	\$100.00	\$100.00	\$0.00
450.22	100	TON	SUPERPAVE SURFACE COURSE – 9.5 (SSC – 9.5)	\$225.00	\$22,500.00	\$0.00
452.	25	GAL	ASPHALT EMULSION FOR TACK COAT	\$10.00	\$250.00	\$0.00
740.*	6	MO	ENGINEERS FIELD OFFICE AND EQUIPMENT (TYPE A)	\$3,500.00	\$21,000.00	\$0.00
748.	1	LS	MOBILIZATION	\$15,500.00	\$15,500.00	\$0.00
852.	4	SF	SAFETY SIGNING FOR CONSTRUCTION OPERATIONS	\$20.00	\$80.00	\$0.00
853.1	4	EA	PORTABLE BREAKAWAY BARRICADE TYPE III	\$140.00	\$560.00	\$0.00
999.XXX*	12	LF	PREFABRICATED PEDESTRIAN BRIDGE	\$5,600.00	\$67,200.00	\$0.00
				Subtotal:	\$144,152.50	\$0.00
				10% Construction Engineering:	\$14,415.25	\$0.00
				25% Minor Items:	\$36,038.13	\$0.00
				Subtotal:	\$194,605.88	\$0.00
				30% Construction Contingency:	\$58,381.76	\$0.00
				Total:	\$252,987.64	\$0.00
				5% Inflation (8 years):	\$120,790.32	\$0.00
				Grand Total (2028):	\$373,778.00	\$0.00

^{*-}Denotes item has special provision

Computed By: KDC Checked By: BB

Proj. #B1

ITEM NO.	PART. QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	PART. COST	NON-PART. COST
120.	1,200	CY	EARTH EXCAVATION	\$50.00	\$60,000.00	\$0.00
150	200	CY	ORDINARY BORROW	\$55.00	\$11,000.00	\$0.00
151.	750	CY	GRAVEL BORROW	\$50.00	\$37,500.00	\$0.00
170.*	3,700	SY	FINE GRADING AND COMPACTING	\$12.00	\$44,394.00	\$0.00
440.	3,700	LB	CALCIUM CHLORIDE FOR ROADWAY DUST CONTROL	\$0.50	\$1,849.75	\$0.00
443.	4	MGL	WATER FOR ROADWAY DUST CONTROL	\$100.00	\$400.00	\$0.00
450.22	840	TON	SUPERPAVE SURFACE COURSE - 9.5 (SSC - 9.5)	\$210.00	\$176,400.00	\$0.00
452.	270	GAL	ASPHALT EMULSION FOR TACK COAT	\$10.00	\$2,700.00	\$0.00
655.3*	3,180	FT	METAL FENCE	\$85.00	\$270,300.00	\$0.00
740.*	10	MO	ENGINEERS FIELD OFFICE AND EQUIPMENT (TYPE A)	\$3,500.00	\$35,000.00	\$0.00
748.	1	LS	MOBILIZATION	\$51,300.00	\$51,300.00	\$0.00
852.	4	SF	SAFETY SIGNING FOR CONSTRUCTION OPERATIONS	\$20.00	\$80.00	\$0.00
853.1	6	EA	PORTABLE BREAKAWAY BARRICADE TYPE III	\$140.00	\$840.00	\$0.00
				Subtotal:	\$691,763.75	\$0.00
				10% Construction Engineering:	\$69,176.38	\$0.00
				25% Minor Items:	\$172,940.94	\$0.00
				Subtotal:	\$933,881.06	\$0.00
				30% Construction Contingency:	\$280,164.32	\$0.00
				Total:	\$1,214,045.38	\$0.00
				5% Inflation (4 years):	\$261,634.37	\$0.00
				Grand Total (2024):	\$1,475,680.00	\$0.00

^{*-}Denotes item has special provision

^{**} Estimate does not include removal of the railroad ties and tracks. It also assumes the ballast can be removed and is not contaminated requiring hazardous waste removal or disposal.

Computed By: KDC Checked By: BB

Proj. #B2

ITEM NO.	PART. QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	PART. COST	NON-PART. COST
103.*	10	EA	TREE REMOVED - DIAMETER UNDER 24 INCHES	\$1,800.00	\$18,000.00	\$0.00
120.	80	CY	EARTH EXCAVATION	\$50.00	\$4,000.00	\$0.00
141.1	15	CY	TEST PIT FOR EXPLORATION	\$55.00	\$825.00	\$0.00
146.	1	EA	DRAINAGE STRUCTURE REMOVED	\$1,200.00	\$1,200.00	\$0.00
150	6	CY	ORDINARY BORROW	\$60.00	\$360.00	\$0.00
151.	75	CY	GRAVEL BORROW	\$65.00	\$4,875.00	\$0.00
170.*	175	SY	FINE GRADING AND COMPACTING	\$12.00	\$2,100.00	\$0.00
201.	1	EA	CATCH BASIN	\$6,500.00	\$6,500.00	\$0.00
222.*	1	EA	FRAME AND GRATE	\$2,150.00	\$2,150.00	\$0.00
440.	175	LB	CALCIUM CHLORIDE FOR ROADWAY DUST CONTROL	\$0.50	\$87.50	\$0.00
443.	1	MGL	WATER FOR ROADWAY DUST CONTROL	\$100.00	\$100.00	\$0.00
450.22	315	TON	SUPERPAVE SURFACE COURSE – 9.5 (SSC – 9.5)	\$225.00	\$70,875.00	\$0.00
452.	260	GAL	BITUMEN FOR TACK COAT	\$10.00	\$2,600.00	\$0.00
506.	50	FT	GRANITE CURB TYPE VB - STRAIGHT	\$65.00	\$3,250.00	\$0.00
594.	50	FT	CURB REMOVED AND DISCARDED	\$15.00	\$750.00	\$0.00
740.*	12	MO	ENGINEERS FIELD OFFICE AND EQUIPMENT (TYPE A)	\$3,500.00	\$42,000.00	\$0.00
748.	1	LS	MOBILIZATION	\$20,300.00	\$20,300.00	\$0.00
852.	4	SF	SAFETY SIGNING FOR CONSTRUCTION OPERATIONS	\$20.00	\$80.00	\$0.00
853.1	4	EA	PORTABLE BREAKAWAY BARRICADE TYPE III	\$140.00	\$560.00	\$0.00
853.2	70	FT	TEMPORARY CONCRETE BARRIER	\$50.00	\$3,500.00	\$0.00
859.	1,278	DD	REFLECTORIZED DRUM	\$0.25	\$319.50	\$0.00
999.XXX*	330	SF	FILL TYPE RETAINING WALL	\$120.00	\$39,600.00	\$0.00
999.XXX*	166	LF	PEDESTRIAN RAILING	\$300.00	\$49,800.00	\$0.00
				Subtotal:	\$273,832.00	\$0.00
				10% Construction Engineering:	\$27,383.20	\$0.00
				25% Minor Items:	\$68,458.00	\$0.00
				Subtotal:	\$369,673.20	\$0.00
				30% Construction Contingency:	\$110,901.96	\$0.00
				Total:	\$480,575.16	\$0.00
				5% Inflation (4 years):	\$103,566.95	\$0.00
				Grand Total (2024):	\$584,143.00	\$0.00

^{*-}Denotes item has special provision

Computed By: KDC Checked By: BB

Proj. #B3

ITEM NO.	PART. QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	PART. COST	NON-PART. COST
103.*	30	EA	TREE REMOVED - DIAMETER UNDER 24 INCHES	\$1,800.00	\$54,000.00	\$0.00
120.	2,400	CY	EARTH EXCAVATION	\$50.00	\$120,000.00	\$0.00
141.1	60	CY	TEST PIT FOR EXPLORATION	\$55.00	\$3,300.00	\$0.00
150	644	CY	ORDINARY BORROW	\$35.00	\$22,540.00	\$0.00
151.	4,610	CY	GRAVEL BORROW	\$55.00	\$253,550.00	\$0.00
170.*	11,000	SY	FINE GRADING AND COMPACTING	\$12.00	\$132,000.00	\$0.00
440.	10,550	LB	CALCIUM CHLORIDE FOR ROADWAY DUST CONTROL	\$0.50	\$5,275.00	\$0.00
443.	11	MGL	WATER FOR ROADWAY DUST CONTROL	\$100.00	\$1,100.00	\$0.00
450.22	2,400	TON	SUPERPAVE SURFACE COURSE – 9.5 (SSC – 9.5)	\$205.00	\$492,000.00	\$0.00
452.	774	GAL	ASPHALT EMULSION FOR TACK COAT	\$13.00	\$10,062.00	\$0.00
740.*	12	MO	ENGINEERS FIELD OFFICE AND EQUIPMENT (TYPE A)	\$3,500.00	\$42,000.00	\$0.00
748.	1	LS	MOBILIZATION	\$101,400.00	\$101,400.00	\$0.00
756.*	1	LS	NPDES STORMWATER POLLUTION PREVENTION PLAN	\$30,000.00	\$30,000.00	\$0.00
852.	4	SF	SAFETY SIGNING FOR CONSTRUCTION OPERATIONS	\$20.00	\$80.00	\$0.00
853.1	4	EA	PORTABLE BREAKAWAY BARRICADE TYPE III	\$140.00	\$560.00	\$0.00
853.2	40	FT	TEMPORARY CONCRETE BARRIER	\$50.00	\$2,000.00	\$0.00
859.	1,278	DD	REFLECTORIZED DRUM	\$0.25	\$319.50	\$0.00
999.XXX*	16,920	SF	FILL TYPE RETAINING WALL	\$120.00	\$2,030,400.00	\$0.00
999.XXX*	600	LF	PEDESTRIAN RAILING	\$300.00	\$180,000.00	\$0.00
				Subtotal:	\$3,480,586.50	\$0.00
				10% Construction Engineering:	\$348,058.65	\$0.00
				25% Minor Items:	\$870,146.63	\$0.00
				Subtotal:	\$4,698,791.78	\$0.00
				30% Construction Contingency:	\$1,409,637.53	\$0.00
				Total:	\$6,108,429.31	\$0.00
				5% Inflation (4 years):	\$1,316,404.69	\$0.00
				Grand Total (2024):	\$7,424,835.00	\$0.00

^{*-}Denotes item has special provision

Computed By: KDC Checked By: BB

Proj. #B4

ITEM NO.	PART. QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	PART. COST	NON-PART. COST
120.	40	CY	EARTH EXCAVATION	\$50.00	\$2,000.00	\$0.00
150.	12	CY	ORDINARY BORROW	\$55.00	\$660.00	\$0.00
151.	20	CY	GRAVEL BORROW	\$65.00	\$1,300.00	\$0.00
170.*	75	SY	FINE GRADING AND COMPACTING	\$3.00	\$225.00	\$0.00
220.*	1	EA	DRAINAGE STRUCTURE ADJUSTED	\$500.00	\$500.00	\$0.00
506.	50	FT	GRANITE CURB TYPE VB - STRAIGHT	\$65.00	\$3,250.00	\$0.00
506.1	60	FT	GRANITE CURB TYPE VB - CURVED	\$70.00	\$4,200.00	\$0.00
509.	30	FT	GRANITE TRANSITION CURB FOR WHEELCHAIR RAMPS - STRAIGHT	\$95.00	\$2,850.00	\$0.00
509.1	50	FT	GRANITE TRANSITION CURB FOR WHEELCHAIR RAMPS - CURVED	\$100.00	\$5,000.00	\$0.00
594.	100	FT	CURB REMOVED AND DISCARDED	\$15.00	\$1,500.00	\$0.00
701.*	50	SY	CEMENT CONCRETE SIDEWALK	\$135.00	\$6,750.00	\$0.00
701.2*	50	SY	CEMENT CONCRETE WHEELCHAIR RAMP	\$120.00	\$6,000.00	\$0.00
740.*	3	MO	ENGINEERS FIELD OFFICE AND EQUIPMENT (TYPE A)	\$3,500.00	\$10,500.00	\$0.00
748.	1	LS	MOBILIZATION	\$10,500.00	\$10,500.00	\$0.00
850.41*	21	HR	ROADWAY FLAGGER	\$60.00	\$1,260.00	\$0.00
852.	23	SF	SAFETY SIGNING FOR CONSTRUCTION OPERATIONS	\$20.00	\$460.00	\$0.00
859.	320	DD	REFLECTORIZED DRUM	\$0.25	\$80.00	\$0.00
865.1	200	SF	CROSS WALKS AND STOP LINES REFL. WHITE (THERMOPLASTIC)	\$2.00	\$400.00	\$0.00
867.04	100	FT	4 INCH REFLECTORIZED YELLOW LINE (THERMOPLASTIC)	\$2.00	\$200.00	\$0.00
999.XXX*	4	EA	RECTANGULAR RAPID FLASHING BEACON	\$10,000.00	\$40,000.00	\$0.00
				Subtotal:	\$97,635.00	\$0.00
			10% Constr	uction Engineering:	\$9,763.50	\$0.00
				25% Minor Items:	\$24,408.75	\$0.00
				Subtotal:	\$131,807.25	\$0.00
			30% Constru	uction Contingency:	\$39,542.18	\$0.00
				Total:	\$171,349.43	\$0.00
			5%	% Inflation (4 years):	\$36,926.87	\$0.00
				Grand Total (2024):	\$208,277.00	\$0.00

^{*-}Denotes item has special provision

Computed By: KDC Checked By: BB

Proj. #B5

17514	D4.DT					NON BART
ITEM NO.	PART. QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	PART. COST	NON-PART. COST
120.	450	CY	EARTH EXCAVATION	\$50.00	\$22,500.00	\$0.00
150.	23	CY	ORDINARY BORROW	\$55.00	\$1,265.00	\$0.00
151.	350	CY	GRAVEL BORROW	\$55.00	\$19,250.00	\$0.00
170.*	1,560	SY	FINE GRADING AND COMPACTING	\$12.00	\$18,720.00	\$0.00
506.	3,500	FT	GRANITE CURB TYPE VB - STRAIGHT	\$40.00	\$140,000.00	\$0.00
594.	15	FT	CURB REMOVED AND DISCARDED	\$15.00	\$225.00	\$0.00
701.*	1,520	SY	CEMENT CONCRETE SIDEWALK	\$135.00	\$205,200.00	\$0.00
701.1*	50	SY	CEMENT CONCRETE SIDEWALK AT DRIVEWAY	\$150.00	\$7,500.00	\$0.00
740.*	8	MO	ENGINEERS FIELD OFFICE AND EQUIPMENT (TYPE A)	\$3,500.00	\$28,000.00	\$0.00
748.	1	LS	MOBILIZATION	\$41,100.00	\$41,100.00	\$0.00
850.41*	56	HR	ROADWAY FLAGGER	\$60.00	\$3,360.00	\$0.00
852.	13	SF	SAFETY SIGNING FOR CONSTRUCTION OPERATIONS	\$20.00	\$260.00	\$0.00
853.1	4	EA	PORTABLE BREAKAWAY BARRICADE TYPE III	\$140.00	\$560.00	\$0.00
859.	20,441	DD	REFLECTORIZED DRUM	\$0.25	\$5,110.25	\$0.00
866.04	1,700	FT	4 INCH REFLECTORIZED WHITE LINE (THERMOPLASTIC)	\$2.00	\$3,400.00	\$0.00
867.04	500	FT	4 INCH REFLECTORIZED YELLOW LINE (THERMOPLASTIC)	\$2.00	\$1,000.00	\$0.00
874.2*	1	EA	TRAFFIC SIGN REMOVED AND RESET	\$110.00	\$110.00	\$0.00
				Subtotal:	\$497,560.25	\$0.00
				10% Construction Engineering:	\$49,756.03	\$0.00
				25% Minor Items:	\$124,390.06	\$0.00
				Subtotal:	\$671,706.34	\$0.00
				30% Construction Contingency:	\$201,511.90	\$0.00
				Total:	\$873,218.24	\$0.00
				5% Inflation (4 years):	\$188,183.99	\$0.00
				Grand Total (2024):	\$1,061,403.00	\$0.00

^{*-}Denotes item has special provision

Proj. #B8

May 2020

Computed By: KDC Checked By: BB

ITEM NO.	PART. QUANTITY	NON-PART. QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	PART. COST	NON-PART. COST
740.*	2		МО	ENGINEERS FIELD OFFICE AND EQUIPMENT (TYPE A)	\$3,500.00	\$7,000.00	\$0.00
748.	1		LS	MOBILIZATION	\$5,300.00	\$5,300.00	\$0.00
834.18	190		EA	REFLECTORIZED FLEXIBLE DELINEATOR POST (WHITE)	\$50.00	\$9,500.00	\$0.00
850.41*	14		HR	ROADWAY FLAGGER	\$60.00	\$840.00	\$0.00
852.	9		SF	SAFETY SIGNING FOR CONSTRUCTION OPERATIONS	\$20.00	\$180.00	\$0.00
859.	5,111		DD	REFLECTORIZED DRUM	\$0.25	\$1,277.75	\$0.00
866.106	12,600		FT	6 INCH REFLECTORIZED WHITE LINE (THERMOPLASTIC)	\$2.00	\$25,200.00	\$0.00
					Subtotal:	\$49,297.75	\$0.00
					10% Construction Engineering:	\$4,929.78	\$0.00
					25% Minor Items:	\$12,324.44	\$0.00
					Subtotal:	\$66,551.96	\$0.00
					30% Construction Contingency:	\$19,965.59	\$0.00
					Total:	\$86,517.55	\$0.00
					5% Inflation (4 years):	\$18,645.07	\$0.00
					Grand Total (2024):	\$105,163.00	\$0.00

^{*-}Denotes item has special provision

Computed By: KDC

Checked By: BB

Proj. #B9

May 2020

ITEM NON-PART. PART. UNIT **DESCRIPTION UNIT PRICE** PART. COST QUANTITY COST NO. PAVEMENT STANDARD MILLING \$7.00 415.1 20 SY \$140.00 \$0.00 440. 25 LB CALCIUM CHLORIDE FOR ROADWAY DUST CONTROL \$0.50 \$12.50 \$0.00 443. WATER FOR ROADWAY DUST CONTROL \$100.00 \$100.00 \$0.00 1 MGI 450.22 SUPERPAVE SURFACE COURSE - 9.5 (SSC - 9.5) \$300.00 \$300.00 1 TON \$0.00 452. 5 GAL ASPHALT EMULSION FOR TACK COAT \$10.00 \$50.00 \$0.00 460.* 1 TON HOT MIX ASPHALT \$225.00 \$225.00 \$0.00 740.* 2 MO ENGINEERS FIELD OFFICE AND EQUIPMENT (TYPE A) \$3,500.00 \$7,000.00 \$0.00 LS 748. 1 **MOBILIZATION** \$1,400.00 \$1,400.00 \$0.00 850.41* 14 HR ROADWAY FLAGGER \$60.00 \$840.00 \$0.00 61 9 SF SAFETY SIGNING FOR CONSTRUCTION OPERATIONS \$20.00 \$180.00 \$0.00 859. 122 DD REFLECTORIZED DRUM \$0.25 \$30.50 \$0.00 866.04 100 FΤ 4 INCH REFLECTORIZED WHITE LINE (THERMOPLASTIC) \$2.00 \$200.00 \$0.00 Subtotal: \$10,478.00 \$0.00 10% Construction Engineering: \$1,047.80 \$0.00 25% Minor Items: \$2,619.50 \$0.00 Subtotal: \$14,145.30 \$0.00 30% Construction Contingency: \$4,243.59 \$0.00 Total: \$18,388.89 \$0.00 \$3,962.92 5% Inflation (4 years): \$0.00 Grand Total (2024): \$22,352.00 \$0.00

^{*-}Denotes item has special provision