




**FORT WRIGHT 2020 RESURFACING PROGRAM
 FORT WRIGHT, KENTUCKY
 PROJECT: 200167
 Bid Date 5/14/2020**

ENGINEER'S ESTIMATE

RIEGLER BLACKTOP

PAUL MICHELS & SONS

RESURFACING - PART A - EAST HENRY CLAY										
ITEM NO.	SPEC. NO.	ITEM	Estimated Quantity	Unit of Measure	Unit Cost Total	Total Amount Bid	Unit Cost Total	Total Amount Bid	Unit Cost Total	Total Amount Bid
1	110	MOBILIZATION	1	LS	\$7,500.00	\$7,500.00	\$10,000.00	\$10,000.00	\$2,900.00	\$2,900.00
2	112	MAINTENANCE OF TRAFFIC	1	LS	\$7,500.00	\$7,500.00	\$2,500.00	\$2,500.00	\$950.00	\$950.00
3	402/403	1" ASPHALT PAVEMENT LEVELING	3,800	SY	\$5.00	\$19,000.00	\$3.75	\$14,250.00	\$4.20	\$15,960.00
4	402/403	1-1/2" ASPHALT PAVEMENT SURFACE	3,800	SY	\$7.00	\$26,600.00	\$6.50	\$24,700.00	\$6.90	\$26,220.00
5	408	VARIABLE DEPTH MILLING AND TEXTURING (1" AT CENTERLINE, 2.5" AT EDGE OF PAVEMENT)	3,800	SY	\$2.50	\$9,500.00	\$1.85	\$7,030.00	\$2.25	\$8,550.00
6	SPL	FULL DEPTH PAVEMENT REPAIR - REMOVE EXISTING CONCRETE PAD AND REPLACE WITH ASPHALT	35	SY	\$40.00	\$1,400.00	\$60.00	\$2,100.00	\$71.00	\$2,485.00
7	SPL *	FULL DEPTH PAVEMENT REPAIR, AS PER PLAN	380	SY	\$40.00	\$15,200.00	\$40.00	\$15,200.00	\$46.00	\$17,480.00
8	302/SPL*	GRAVEL BASE, 6" DENSE GRADE AGGREGATE FOR SUGRADE REPAIR (INCLUDES EXCAVATION AND DISPOSAL OF UNSUITABLE MATERIAL)	130	CY	\$40.00	\$5,200.00	\$30.00	\$3,900.00	\$33.00	\$4,290.00
9	SPL	CONCRETE SIDEWALK REPLACEMENT	50	SF	\$15.00	\$750.00	\$25.00	\$1,250.00	\$19.00	\$950.00
10	505	ADA CURB RAMP	1	EA	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$800.00	\$800.00
11	713	DOUBLE YELLOW CENTERLINE	1,220	LF	\$2.50	\$3,050.00	\$1.25	\$1,525.00	\$1.00	\$1,220.00
12	SPL	ADJUST STORM MANHOLE TO GRADE PER SD1 SPECS	1	EA	\$500.00	\$500.00	\$150.00	\$150.00	\$350.00	\$350.00
13	SPL	ADJUST SANITARY MANHOLE TO GRADE PER SD1 SPECS.	2	EA	\$500.00	\$1,000.00	\$150.00	\$300.00	\$450.00	\$900.00
TOTAL - PART A - EAST HENRY CLAY										
						\$98,200.00		\$83,905.00		\$83,055.00

 FORT WRIGHT 2020 RESURFACING PROGRAM FORT WRIGHT, KENTUCKY PROJECT: 200167 Bid Date 5/14/2020					BLUEGRASS PAVING		EATON ASPHALT	
RESURFACING - PART A - EAST HENRY CLAY								
ITEM NO.	SPEC. NO.	ITEM	Estimated Quantity	Unit of Measure	Unit Cost Total	Total Amount Bid	Unit Cost Total	Total Amount Bid
1	110	MOBILIZATION	1	LS	\$7,967.05	\$7,967.05	\$1,500.00	\$1,500.00
2	112	MAINTENANCE OF TRAFFIC	1	LS	\$1,740.89	\$1,740.89	\$1,500.00	\$1,500.00
3	402/403	1" ASPHALT PAVEMENT LEVELING	3,800	SY	\$4.11	\$15,618.00	\$4.00	\$15,200.00
4	402/403	1-1/2" ASPHALT PAVEMENT SURFACE	3,800	SY	\$5.93	\$22,534.00	\$6.00	\$22,800.00
5	408	VARIABLE DEPTH MILLING AND TEXTURING (1" AT CENTERLINE, 2.5" AT EDGE OF PAVEMENT)	3,800	SY	\$2.06	\$7,828.00	\$2.00	\$7,600.00
6	SPL	FULL DEPTH PAVEMENT REPAIR - REMOVE EXISTING CONCRETE PAD AND REPLACE WITH ASPHALT	35	SY	\$144.78	\$5,067.30	\$65.00	\$2,275.00
7	SPL *	FULL DEPTH PAVEMENT REPAIR, AS PER PLAN	380	SY	\$46.36	\$17,616.80	\$65.00	\$24,700.00
8	302/SPL*	GRAVEL BASE, 6" DENSE GRADE AGGREGATE FOR SUGRADE REPAIR (INCLUDES EXCAVATION AND DISPOSAL OF UNSUITABLE MATERIAL)	130	CY	\$35.00	\$4,550.00	\$45.00	\$5,850.00
9	SPL	CONCRETE SIDEWALK REPLACEMENT	50	SF	\$41.45	\$2,072.50	\$24.00	\$1,200.00
10	505	ADA CURB RAMP	1	EA	\$233.66	\$233.66	\$1,900.00	\$1,900.00
11	713	DOUBLE YELLOW CENTERLINE	1,220	LF	\$1.25	\$1,525.00	\$0.60	\$732.00
12	SPL	ADJUST STORM MANHOLE TO GRADE PER SD1 SPECS	1	EA	\$326.94	\$326.94	\$500.00	\$500.00
13	SPL	ADJUST SANITARY MANHOLE TO GRADE PER SD1 SPECS.	2	EA	\$326.94	\$653.88	\$500.00	\$1,000.00
TOTAL - PART A - EAST HENRY CLAY						\$87,734.02		\$86,757.00




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ASPHALT OVERLAY - PART B - CHRISTINE CT.											
ITEM NO.	SPEC. NO.	ITEM	Estimated Quantity	Unit of Measure	Unit Cost Total	Total Amount Bid	Unit Cost Total	Total Amount Bid	Unit Cost Total	Total Amount Bid	
1	110	MOBILIZATION	1	LS	\$1,500.00	\$1,500.00	\$1,400.00	\$1,400.00	\$250.00	\$250.00	
2	112	MAINTENANCE OF TRAFFIC	1	LS	\$1,000.00	\$1,000.00	\$1,100.00	\$1,100.00	\$100.00	\$100.00	
3	SPL	YARD RESTORATION - 4" TOPSOIL SEED AND MULCH	150	SY	\$5.00	\$750.00	\$10.00	\$1,500.00	\$6.50	\$975.00	
4	402/403	1" ASPHALT PAVEMENT LEVELING	600	SY	\$5.00	\$3,000.00	\$3.75	\$2,250.00	\$4.20	\$2,520.00	
5	402/403	1-1/2" ASPHALT PAVEMENT SURFACE	600	SY	\$7.00	\$4,200.00	\$6.50	\$3,900.00	\$6.90	\$4,140.00	
6	408	VARIABLE DEPTH PAVEMENT MILLING AND TEXTURING (INCLUDES MILLING FOR BUTT JOINTS)	120	SY	\$2.50	\$300.00	\$3.50	\$420.00	\$8.00	\$960.00	
7	SPL *	FULL DEPTH PAVEMENT REPAIR, AS PER PLAN	60	SY	\$40.00	\$2,400.00	\$40.00	\$2,400.00	\$46.00	\$2,760.00	
8	302/SPL*	GRAVEL BASE, 6" DENSE GRADE AGGREGATE FOR SUGRADE REPAIR (INCLUDES EXCAVATION AND DISPOSAL OF UNSUITABLE MATERIAL)	20	CY	\$30.00	\$600.00	\$30.00	\$600.00	\$33.00	\$660.00	
9	SPL	CONCRETE SIDEWALK REPLACEMENT	120	SF	\$15.00	\$1,800.00	\$25.00	\$3,000.00	\$19.00	\$2,280.00	
10	505	ADA CURB RAMP	2	EA	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00	\$800.00	\$1,600.00	
11	714	PAVEMENT MARKING - 24" STOP BAR - WHITE THERMOPLASTIC	10	LF	\$20.00	\$200.00	\$25.00	\$250.00	\$35.00	\$350.00	
12	SPL	ADJUST STORM MANHOLE TO GRADE PER SD1 SPECS	2	EA	\$500.00	\$1,000.00	\$150.00	\$300.00	\$350.00	\$700.00	
TOTAL - PART B - CHRISTINE CT.											
						\$18,750.00		\$19,120.00		\$17,295.00	

 FORT WRIGHT 2020 RESURFACING PROGRAM FORT WRIGHT, KENTUCKY PROJECT: 200167 Bid Date 5/14/2020					BLUEGRASS PAVING		EATON ASPHALT	
ASPHALT OVERLAY - PART B - CHRISTINE CT.								
ITEM NO.	SPEC. NO.	ITEM	Estimated Quantity	Unit of Measure	Unit Cost Total	Total Amount Bid	Unit Cost Total	Total Amount Bid
1	110	MOBILIZATION	1	LS	\$1,108.70	\$1,108.70	\$500.00	\$500.00
2	112	MAINTENANCE OF TRAFFIC	1	LS	\$1,740.89	\$1,740.89	\$500.00	\$500.00
3	SPL	YARD RESTORATION - 4" TOPSOIL SEED AND MULCH	150	SY	\$7.48	\$1,122.00	\$12.00	\$1,800.00
4	402/403	1" ASPHALT PAVEMENT LEVELING	600	SY	\$4.11	\$2,466.00	\$7.00	\$4,200.00
5	402/403	1-1/2" ASPHALT PAVEMENT SURFACE	600	SY	\$5.93	\$3,558.00	\$7.00	\$4,200.00
6	408	VARIABLE DEPTH PAVEMENT MILLING AND TEXTURING (INCLUDES MILLING FOR BUTT JOINTS)	120	SY	\$2.06	\$247.20	\$16.00	\$1,920.00
7	SPL *	FULL DEPTH PAVEMENT REPAIR, AS PER PLAN	60	SY	\$46.36	\$2,781.60	\$123.00	\$7,380.00
8	302/SPL*	GRAVEL BASE, 6" DENSE GRADE AGGREGATE FOR SUGRADE REPAIR (INCLUDES EXCAVATION AND DISPOSAL OF UNSUITABLE MATERIAL)	20	CY	\$35.00	\$700.00	\$114.00	\$2,280.00
9	SPL	CONCRETE SIDEWALK REPLACEMENT	120	SF	\$18.41	\$2,209.20	\$17.00	\$2,040.00
10	505	ADA CURB RAMP	2	EA	\$233.66	\$467.32	\$1,900.00	\$3,800.00
11	714	PAVEMENT MARKING - 24" STOP BAR - WHITE THERMOPLASTIC	10	LF	\$25.00	\$250.00	\$18.00	\$180.00
12	SPL	ADJUST STORM MANHOLE TO GRADE PER SD1 SPECS	2	EA	\$326.94	\$653.88	\$500.00	\$1,000.00
TOTAL - PART B - CHRISTINE CT.						\$17,304.79		\$29,800.00




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RESURFACING - PART C - UPLAND										
ITEM NO.	SPEC. NO.	ITEM	Estimated Quantity	Unit of Measure	Unit Cost Total	Total Amount Bid	Unit Cost Total	Total Amount Bid	Unit Cost Total	Total Amount Bid
1	110	MOBILIZATION	1	LS	\$7,500.00	\$7,500.00	\$1,500.00	\$1,500.00	\$2,400.00	\$2,400.00
2	112	MAINTENANCE OF TRAFFIC	1	LS	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00	\$2,100.00	\$2,100.00
3	402/403	1" ASPHALT PAVEMENT LEVELING	3,200	SY	\$5.00	\$16,000.00	\$3.75	\$12,000.00	\$4.20	\$13,440.00
4	402/403	1-1/2" ASPHALT PAVEMENT SURFACE	3,200	SY	\$7.00	\$22,400.00	\$6.50	\$20,800.00	\$6.90	\$22,080.00
5	408	VARIABLE DEPTH MILLING AND TEXTURING (1" AT CENTERLINE, 2.5" AT EDGE OF PAVEMENT)	3,200	SY	\$2.50	\$8,000.00	\$1.85	\$5,920.00	\$2.25	\$7,200.00
6	SPL *	FULL DEPTH PAVEMENT REPAIR, AS PER PLAN	480	SY	\$40.00	\$19,200.00	\$40.00	\$19,200.00	\$46.00	\$22,080.00
7	302/SPL*	GRAVEL BASE, 6" DENSE GRADE AGGREGATE FOR SUGRADE REPAIR (INCLUDES EXCAVATION AND DISPOSAL OF UNSUITABLE MATERIAL)	160	CY	\$40.00	\$6,400.00	\$30.00	\$4,800.00	\$33.00	\$5,280.00
8	SPL	VARIABLE DEPTH ASPHALT DRIVEWAY WEDGE	150	SY	\$15.00	\$2,250.00	\$10.00	\$1,500.00	\$16.50	\$2,475.00
9	713	4" SINGLE YELLOW EDGE LINE	1,220	LF	\$2.50	\$3,050.00	\$0.75	\$915.00	\$0.75	\$915.00
10	SPL	ADJUST SANITARY MANHOLE TO GRADE PER SD1 SPECS.	1	EA	\$500.00	\$500.00	\$150.00	\$150.00	\$450.00	\$450.00
TOTAL - PART C - UPLAND						\$87,800.00		\$67,785.00		\$78,420.00
TOTAL PROJECT (PART A + B + C)						\$204,750.00		\$170,810.00		\$178,770.00
ALTERNATE BID ITEM										
	SPL	ADD ARAMID FIBERS TO ASPHALT (SURFACE ONLY) PER MANUFACTURER'S RECOMMENDATION. INCLUDE ON ALL STREETS (UPLAND, CHRISTINE AND EAST HENRY CLAY). ACE XP FIBERS BY SURFACE TECH, FORTA-FI BY FORTA CORP. OR APPROVED EQUAL. PRICE TO BE IN ADDITION TO UNIT COSTS FOR ASPHALT.	7600	SY	\$2.00	\$15,200.00	\$0.85	\$6,460.00	\$0.83	\$6,308.00

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RESURFACING - PART C - UPLAND								
ITEM NO.	SPEC. NO.	ITEM	Estimated Quantity	Unit of Measure	Unit Cost Total	Total Amount Bid	Unit Cost Total	Total Amount Bid
1	110	MOBILIZATION	1	LS	\$5,699.30	\$5,699.30	\$700.00	\$700.00
2	112	MAINTENANCE OF TRAFFIC	1	LS	\$1,740.89	\$1,740.89	\$1,500.00	\$1,500.00
3	402/403	1" ASPHALT PAVEMENT LEVELING	3,200	SY	\$4.11	\$13,152.00	\$4.00	\$12,800.00
4	402/403	1-1/2" ASPHALT PAVEMENT SURFACE	3,200	SY	\$6.04	\$19,328.00	\$5.50	\$17,600.00
5	408	VARIABLE DEPTH MILLING AND TEXTURING (1" AT CENTERLINE, 2.5" AT EDGE OF PAVEMENT)	3,200	SY	\$2.06	\$6,592.00	\$2.00	\$6,400.00
6	SPL *	FULL DEPTH PAVEMENT REPAIR, AS PER PLAN	480	SY	\$46.36	\$22,252.80	\$56.00	\$26,880.00
7	302/SPL*	GRAVEL BASE, 6" DENSE GRADE AGGREGATE FOR SUGRADE REPAIR (INCLUDES EXCAVATION AND DISPOSAL OF UNSUITABLE MATERIAL)	160	CY	\$35.00	\$5,600.00	\$50.00	\$8,000.00
8	SPL	VARIABLE DEPTH ASPHALT DRIVEWAY WEDGE	150	SY	\$12.74	\$1,911.00	\$25.00	\$3,750.00
9	713	4" SINGLE YELLOW EDGE LINE	1,220	LF	\$0.75	\$915.00	\$0.60	\$732.00
10	SPL	ADJUST SANITARY MANHOLE TO GRADE PER SD1 SPECS.	1	EA	\$326.94	\$326.94	\$1,020.00	\$1,020.00
TOTAL - PART C - UPLAND						\$77,517.93		\$79,382.00
TOTAL PROJECT (PART A + B + C)						\$182,556.74		\$195,939.00
ALTERNATE BID ITEM								
	SPL	ADD ARAMID FIBERS TO ASPHALT (SURFACE ONLY) PER MANUFACTURER'S RECOMMENDATION. INCLUDE ON ALL STREETS (UPLAND, CHRISTINE AND EAST HENRY CLAY). ACE XP FIBERS BY SURFACE TECH, FORTA-FI BY FORTA CORP. OR APPROVED EQUAL. PRICE TO BE IN ADDITION TO UNIT COSTS FOR ASPHALT.	7600	SY	\$0.62	\$4,712.00	\$1.00	\$7,600.00