



**REDWOOD AND BIRCHWOOD DRIVE RECONSTRUCTION
FOR WRIGHT, KENTUCKY
PROJECT: 20028205
Bid Date 2/25/2021**

ENGINEER'S ESTIMATE

JPS CONSTRUCTION, INC.

TMS CONSTRUCTION

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	\$2,500.00	\$2,500.00	\$10,000.00	\$10,000.00	\$18,000.00	\$18,000.00
2	112	MAINTENANCE OF TRAFFIC	1	LS	\$5,000.00	\$5,000.00	\$1,000.00	\$1,000.00	\$15,000.00	\$15,000.00
3	202	CLEARING AND GRUBBING , (INCLUDES REMOVAL AND REINSTALLATION OF SIGNS AND MAILBOXES)	1	LS	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$5,000.00	\$5,000.00
4	203	REMOVE EXISTING STORM STRUCTURE (INCLUDES BACKFILL WHERE NO NEW STRUCTURE IS PROPOSED)	3	EA	\$500.00	\$1,500.00	\$300.00	\$900.00	\$300.00	\$900.00
5	203	REMOVE EXISTING STORM SEWER	60	LF	\$20.00	\$1,200.00	\$15.00	\$900.00	\$20.00	\$1,200.00
6	203	REMOVE EXISTING TRENCH DRAIN	25	LF	\$20.00	\$500.00	\$20.00	\$500.00	\$15.00	\$375.00
7	204	REMOVE EXISTING ROADWAY INCLUDING EXISTING CURB	5,100	SY	\$12.00	\$61,200.00	\$15.00	\$76,500.00	\$20.00	\$102,000.00
8	204	EXCAVATION FOR GRANULAR BASE	5,100	SY	\$2.50	\$12,750.00	\$3.00	\$15,300.00	\$2.50	\$12,750.00
9	SPL	REGRADE DITCH LINE	15	LF	\$20.00	\$300.00	\$20.00	\$300.00	\$25.00	\$375.00
10	207	SUBGRADE RESHAPING AND COMPACTING	5,100	SY	\$1.50	\$7,650.00	\$1.00	\$5,100.00	\$1.00	\$5,100.00
11	SPL	YARD RESTORATION (4" TOPSOIL, SEED AND MULCH)	1,800	SY	\$4.00	\$7,200.00	\$0.10	\$180.00	\$4.50	\$8,100.00
12	SPL	EROSION & WATER POLLUTION CONTROL	1	LS	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$1,500.00	\$1,500.00
13	214	MIRAFI 600X OR EQUIVALENT WOVEN GEOTEXTILE	4,675	SY	\$2.00	\$9,350.00	\$1.80	\$8,415.00	\$2.00	\$9,350.00
14	302	4" CRUSHED STONE BASE	5,100	SY	\$6.00	\$30,600.00	\$5.00	\$25,500.00	\$6.50	\$33,150.00
15	320/SPL*	CRUSHED STONE BASE, (LESS THAN 7% FINES) FOR SUBGRADE REPAIR (INCLUDES EXCAVATION AND DISPOSAL OF UNSUITABLE MATERIAL)	170	CY	\$40.00	\$6,800.00	\$10.00	\$1,700.00	\$30.00	\$5,100.00
16	SPL*	GEOGRID REINFORCEMENT FOR SUBGRADE REPAIR (TENSAR BX 1200 OR EQUIVALENT)	510	SY	\$4.00	\$2,040.00	\$3.00	\$1,530.00	\$5.00	\$2,550.00
17	SPL	8" PCC PAVEMENT WITH INTEGRAL 3" ROLLED CURB	5,100	SY	\$57.00	\$290,700.00	\$50.00	\$255,000.00	\$49.00	\$249,900.00
18	SPL	6" CONCRETE APRON/DRIVEWAY REPLACEMENT	2,000	SF	\$10.00	\$20,000.00	\$9.00	\$18,000.00	\$10.00	\$20,000.00




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					Unit Cost Total	Total Amount Bid	Unit Cost Total	Total Amount Bid	Unit Cost Total	Total Amount Bid
19	SPL	CONCRETE SIDEWALK REPLACEMENT	150	SF	\$10.00	\$1,500.00	\$10.00	\$1,500.00	\$11.00	\$1,650.00
20	SPL	CONCRETE VERTICAL CURB	60	LF	\$20.00	\$1,200.00	\$35.00	\$2,100.00	\$50.00	\$3,000.00
21	704	4" RIGID PERFORATED PVC UNDERDRAIN SYSTEM (INCLUDES TRANSVERSE UNDERDRAINS)	3,850	LF	\$9.00	\$34,650.00	\$7.50	\$28,875.00	\$9.00	\$34,650.00
22	704	6" DOWNSPOUT COLLECTOR LINE	950	LF	\$9.00	\$8,550.00	\$7.00	\$6,650.00	\$10.00	\$9,500.00
23	704	CONNECT EX. ROOF DRAIN TO DOWNSPOUT COLLECTOR LINE w/ CLEANOUT	16	EA	\$400.00	\$6,400.00	\$125.00	\$2,000.00	\$200.00	\$3,200.00
24	704	CONNECT EX. ROOF DRAIN TO INLET w/ CLEANOUT	1	EA	\$500.00	\$500.00	\$125.00	\$125.00	\$500.00	\$500.00
25	SPL	SINGLE GRATE CURB INLET	3	EA	\$2,500.00	\$7,500.00	\$3,000.00	\$9,000.00	\$3,000.00	\$9,000.00
26	SPL	DOUBLE GRATE CURB INLET	7	EA	\$3,500.00	\$24,500.00	\$3,200.00	\$22,400.00	\$3,500.00	\$24,500.00
27	SPL	12" STORM PIPE	150	LF	\$90.00	\$13,500.00	\$80.00	\$12,000.00	\$100.00	\$15,000.00
28	SPL	18" STORM PIPE	220	LF	\$110.00	\$24,200.00	\$85.00	\$18,700.00	\$110.00	\$24,200.00
29	SPL	12" SLOTTED DRAIN	24	LF	\$150.00	\$3,600.00	\$120.00	\$2,880.00	\$250.00	\$6,000.00
30	SPL	LOW PROFILE HEADWALL	2	EA	\$1,000.00	\$2,000.00	\$600.00	\$1,200.00	\$1,200.00	\$2,400.00
31	SPL	TURF REINFORCING MAT (C350 BY NORTH AMERICAN GREEN OR APPROVED EQUAL)	200	SF	\$10.00	\$2,000.00	\$1.50	\$300.00	\$10.00	\$2,000.00
32	SPL	CORE EXISTING STORM STRUCTURE	2	EA	\$500.00	\$1,000.00	\$600.00	\$1,200.00	\$500.00	\$1,000.00
33	SPL	ADJUST CURB INLET TO GRADE	2	EA	\$500.00	\$1,000.00	\$250.00	\$500.00	\$500.00	\$1,000.00
34	SPL	ADJUST SANITARY MANHOLE TO GRADE PER SD1 SPECS.	3	EA	\$500.00	\$1,500.00	\$250.00	\$750.00	\$600.00	\$1,800.00
TOTAL						\$594,890.00		\$532,005.00		\$629,750.00

 REDWOOD AND BIRCHWOOD DRIVE RECONSTRUCTION FOR WRIGHT, KENTUCKY PROJECT: 20028205 Bid Date 2/25/2021					PAUL MICHELS & SONS		JEFFERSON CONTRACTING	
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	\$13,950.00	\$13,950.00	\$12,500.00	\$12,500.00
2	112	MAINTENANCE OF TRAFFIC	1	LS	\$7,500.00	\$7,500.00	\$5,700.00	\$5,700.00
3	202	CLEARING AND GRUBBING , (INCLUDES REMOVAL AND REINSTALLATION OF SIGNS AND MAILBOXES)	1	LS	\$2,100.00	\$2,100.00	\$2,500.00	\$2,500.00
4	203	REMOVE EXISTING STORM STRUCTURE (INCLUDES BACKFILL WHERE NO NEW STRUCTURE IS PROPOSED)	3	EA	\$300.00	\$900.00	\$500.00	\$1,500.00
5	203	REMOVE EXISTING STORM SEWER	60	LF	\$10.00	\$600.00	\$12.00	\$720.00
6	203	REMOVE EXISTING TRENCH DRAIN	25	LF	\$45.00	\$1,125.00	\$28.00	\$700.00
7	204	REMOVE EXISTING ROADWAY INCLUDING EXISTING CURB	5,100	SY	\$13.00	\$66,300.00	\$14.25	\$72,675.00
8	204	EXCAVATION FOR GRANULAR BASE	5,100	SY	\$2.25	\$11,475.00	\$3.50	\$17,850.00
9	SPL	REGRADE DITCH LINE	15	LF	\$20.00	\$300.00	\$30.00	\$450.00
10	207	SUBGRADE RESHAPING AND COMPACTING	5,100	SY	\$2.00	\$10,200.00	\$1.00	\$5,100.00
11	SPL	YARD RESTORATION (4" TOPSOIL, SEED AND MULCH)	1,800	SY	\$7.00	\$12,600.00	\$2.00	\$3,600.00
12	SPL	EROSION & WATER POLLUTION CONTROL	1	LS	\$700.00	\$700.00	\$1,000.00	\$1,000.00
13	214	MIRAFI 600X OR EQUIVALENT WOVEN GEOTEXTILE	4,675	SY	\$1.75	\$8,181.25	\$2.00	\$9,350.00
14	302	4" CRUSHED STONE BASE	5,100	SY	\$6.15	\$31,365.00	\$8.20	\$41,820.00
15	320/SPL*	CRUSHED STONE BASE, (LESS THAN 7% FINES) FOR SUBGRADE REPAIR (INCLUDES EXCAVATION AND DISPOSAL OF UNSUITABLE MATERIAL)	170	CY	\$76.00	\$12,920.00	\$40.00	\$6,800.00
16	SPL*	GEOGRID REINFORCEMENT FOR SUBGRADE REPAIR (TENSAR BX 1200 OR EQUIVALENT)	510	SY	\$4.00	\$2,040.00	\$3.50	\$1,785.00
17	SPL	8" PCC PAVEMENT WITH INTEGRAL 3" ROLLED CURB	5,100	SY	\$57.50	\$293,250.00	\$62.50	\$318,750.00
18	SPL	6" CONCRETE APRON/DRIVEWAY REPLACEMENT	2,000	SF	\$10.50	\$21,000.00	\$8.00	\$16,000.00

 REDWOOD AND BIRCHWOOD DRIVE RECONSTRUCTION FOR WRIGHT, KENTUCKY PROJECT: 20028205 Bid Date 2/25/2021					PAUL MICHELS & SONS		JEFFERSON CONTRACTING	
ITEM NO.	SPEC. NO.	ITEM	Estimated Quantity	Unit of Measure	Unit Cost Total	Total Amount Bid	Unit Cost Total	Total Amount Bid
19	SPL	CONCRETE SIDEWALK REPLACEMENT	150	SF	\$10.00	\$1,500.00	\$10.00	\$1,500.00
20	SPL	CONCRETE VERTICAL CURB	60	LF	\$48.00	\$2,880.00	\$34.00	\$2,040.00
21	704	4" RIGID PERFORATED PVC UNDERDRAIN SYSTEM (INCLUDES TRANSVERSE UNDERDRAINS)	3,850	LF	\$9.50	\$36,575.00	\$7.50	\$28,875.00
22	704	6" DOWNSPOUT COLLECTOR LINE	950	LF	\$10.00	\$9,500.00	\$12.00	\$11,400.00
23	704	CONNECT EX. ROOF DRAIN TO DOWNSPOUT COLLECTOR LINE w/ CLEANOUT	16	EA	\$400.00	\$6,400.00	\$395.00	\$6,320.00
24	704	CONNECT EX. ROOF DRAIN TO INLET w/ CLEANOUT	1	EA	\$350.00	\$350.00	\$500.00	\$500.00
25	SPL	SINGLE GRATE CURB INLET	3	EA	\$2,850.00	\$8,550.00	\$3,700.00	\$11,100.00
26	SPL	DOUBLE GRATE CURB INLET	7	EA	\$4,350.00	\$30,450.00	\$4,400.00	\$30,800.00
27	SPL	12" STORM PIPE	150	LF	\$99.00	\$14,850.00	\$94.00	\$14,100.00
28	SPL	18" STORM PIPE	220	LF	\$134.00	\$29,480.00	\$104.00	\$22,880.00
29	SPL	12" SLOTTED DRAIN	24	LF	\$255.00	\$6,120.00	\$270.00	\$6,480.00
30	SPL	LOW PROFILE HEADWALL	2	EA	\$725.00	\$1,450.00	\$650.00	\$1,300.00
31	SPL	TURF REINFORCING MAT (C350 BY NORTH AMERICAN GREEN OR APPROVED EQUAL)	200	SF	\$4.00	\$800.00	\$4.00	\$800.00
32	SPL	CORE EXISTING STORM STRUCTURE	2	EA	\$125.00	\$250.00	\$200.00	\$400.00
33	SPL	ADJUST CURB INLET TO GRADE	2	EA	\$300.00	\$600.00	\$800.00	\$1,600.00
34	SPL	ADJUST SANITARY MANHOLE TO GRADE PER SD1 SPECS.	3	EA	\$350.00	\$1,050.00	\$500.00	\$1,500.00
TOTAL						\$647,311.25		\$660,395.00