

Bridge Replacement on SR 27 over the Big Black River (Bridge No. 117.9), known as Federal Aid Project No. BR-0054-02(028) / 107391301 & 302 in Hinds & Warren Counties.					Key, LLC	W. G. Yates & Sons Construction Company	
MISSISSIPPI DEPARTMENT OF TRANSPORTATION: \$23,543,067.05					\$19,969,711.20	\$22,634,919.75	
Ref#	Item	Item Description	Item Qnty	Units	1	2	
0010	201-B001	Clearing and Grubbing	19.000	ACRE	5,635.00	10,000.00	
0020	202-A001	Removal of Obstructions	1.000	LS	90,000.00	450,000.00	
0030	202-B007	Removal of Asphalt Pavement, All Depths	9,810.000	SY	5.00	7.00	
0040	202-B136	Removal of Guard Rail	870.000	LF	9.00	8.00	
0050	202-B191	Removal of Pipe, 8" And Above	36.000	LF	127.00	40.00	
0060	202-B240	Removal of Traffic Stripe	2,669.000	LF	3.50	3.00	
0070	203-A001	Unclassified Excavation, FM, AH	11,792.000	CY	9.50	6.50	
0080	203-EX020	Borrow Excavation, AH, FME, Class B9	101,391.000	CY	10.80	15.00	
0090	203-G001	Excess Excavation, FM, AH	36,374.000	CY	7.80	6.50	
0100	206-A001	Structure Excavation	21.000	CY	70.00	60.00	
0110	209-A005	Geotextile Stabilization, Type V, Non-Woven	12,266.000	SY	5.00	3.50	
0120	211-B001	Topsoil for Slope Treatment, Contractor Furnished	10,252.000	CY	0.10	1.00	
0130	213-C001	Superphosphate	13.000	TON	885.00	800.00	
0140	216-A001	Solid Sodding	230.000	SY	7.80	7.00	
0150	217-A001	Ditch Liner	1,393.000	SY	2.30	2.00	
0160	219-A001	Watering	5.000	KGAL	20.00	20.00	
0170	220-A001	Insect Pest Control	26.000	ACRE	30.00	30.00	
0180	221-A001	Concrete Paved Ditch	23.000	CY	910.00	1,000.00	
0190	223-A001	Mowing	52.000	ACRE	50.00	50.00	
0200	225-A001	Grassing	26.000	ACRE	885.00	800.00	
0210	225-B001	Agricultural Limestone	77.000	TON	90.00	80.00	
0220	225-C001	Mulch, Vegetative Mulch	51.000	TON	210.00	200.00	
0230	226-A001	Temporary Grassing	26.000	ACRE	885.00	800.00	
0240	229-A001	Erosion Mat	1,600.000	SY	67.00	55.00	
0250	235-A001	Temporary Erosion Checks	60.000	EA	17.00	15.00	
0260	237-A002	Wattles, 20"	216.000	LF	5.25	5.00	

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Ref#	Item	Item Description	Item Qnty	Units	1	2	
0270	239-A001	Temporary Slope Drains	205.000	LF	16.00	15.00	
0280	245-A001	Silt Dike	216.000	LF	11.00	10.00	
0290	246-B001	Rockbags	200.000	EA	11.00	10.00	
0300	249-A001	Riprap for Erosion Control	1,000.000	TON	65.00	75.00	
0310	249-B001	Remove and Reset Riprap	3,600.000	CY	9.00	45.00	
0322	304-D002	Granular Material, Crushed Stone	8,850.000	TON	42.20	33.00	
0330	403-A002	12.5-mm, MT, Asphalt Pavement	1,395.000	TON	126.50	141.00	
0340	403-A005	19-mm, MT, Asphalt Pavement	1,763.000	TON	118.50	130.00	
0350	403-A014	9.5-mm, MT, Asphalt Pavement	1,066.000	TON	129.50	155.00	
0360	403-B011	9.5-mm, MT, Asphalt Pavement, Leveling	406.000	TON	141.50	165.00	
0370	403-C002	19-mm, MT, Asphalt Pavement, Trench Widening	8.000	TON	396.00	275.00	
0380	406-D001	Fine Milling of Bituminous Pavement, All Depths	310.000	SY	67.00	35.00	
0390	407-A001	Asphalt for Tack Coat	1,830.000	GAL	4.00	3.00	
0400	408-A001	Asphalt for Prime Coat, Cut-Back MC-70	358.000	GAL	2.00	3.00	
0410	413-E001	Sawing and Sealing Transverse Joints in Asphalt Pavement	94.000	LF	7.50	10.00	
0420	423-A001	Rumble Strips, Ground In	2.000	MI	315.00	300.00	
0430	502-A001	Reinforced Cement Concrete Bridge End Pavement	206.000	SY	342.00	260.00	
0440	601-B001	Class "B" Structural Concrete, Minor Structures	2.000	CY	2,600.00	3,500.00	
0450	603-ALT003	18" Type A Alternate Pipe	64.000	LF	86.00	55.00	
0460	603-ALT006	24" Type A Alternate Pipe	160.000	LF	98.00	70.00	
0470	603-CA055	36" Reinforced Concrete Pipe, Class III	60.000	LF	159.00	130.00	
0480	603-CB006	36" Reinforced Concrete End Section	2.000	EA	2,035.00	2,000.00	
0490	603-CE008	29" x 18" Concrete Arch Pipe, Class A III	80.000	LF	143.00	110.00	
0500	605-AA001	Geotextile for Subsurface Drainage, Type III	74.000	SY	5.00	15.00	
0510	605-O002	4" Perforated Sewer Pipe for Underdrains, SDR 23.5	133.000	LF	27.00	25.00	
0520	605-P002	4" Non-perforated Sewer Pipe for Underdrains, SDR 23.5	8.000	LF	25.00	50.00	

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Ref#	Item	Item Description	Item Qnty	Units	1	2	
0530	605-W001	Filter Material for Combination Storm Drain and/or Underdrains, Type A, FM	6.000	CY	331.00	150.00	
0540	606-B001	Guard Rail, Class A, Type 1	551.000	LF	31.00	28.00	
0550	606-D006	Guard Rail, Bridge End Section, Type A Modified	4.000	EA	2,930.00	2,650.00	
0560	606-D022	Guard Rail, Bridge End Section, Type I	6.000	EA	3,600.00	3,250.00	
0570	606-E005	Guard Rail, Terminal End Section, Flared	6.000	EA	3,815.00	3,450.00	
0580	615-A024	Concrete Bridge End Barrier, 37.5"	40.000	LF	65.00	58.00	
0590	617-A001	Right-of-Way Marker	19.000	EA	400.00	450.00	
0600	618-A001	Maintenance of Traffic	1.000	LS	20,100.00	150,000.00	
0610	619-A1002	Temporary Traffic Stripe, Continuous White	13,306.000	LF	1.70	1.50	
0620	619-A2006	Temporary Traffic Stripe, Continuous Yellow, Type 1 Tape	5,400.000	LF	1.85	1.65	
0630	619-A4001	Temporary Traffic Stripe, Skip Yellow	4,920.000	LF	1.70	1.50	
0640	619-D1001	Standard Roadside Construction Signs, Less than 10 Square Feet	106.000	SF	9.00	8.00	
0650	619-D2001	Standard Roadside Construction Signs, 10 Square Feet or More	300.000	SF	9.00	8.00	
0660	619-G4001	Barricades, Type III, Double Faced	108.000	LF	20.00	18.00	
0670	619-G4005	Barricades, Type III, Single Faced	108.000	LF	18.00	16.00	
0680	619-G5001	Free Standing Plastic Drums	61.000	EA	50.00	45.00	
0690	619-G7001	Warning Lights, Type "B"	6.000	EA	135.00	125.00	
0700	620-A001	Mobilization	1.000	LS	1,959,000.00	2,200,000.00	
0710	626-C001	6" Thermoplastic Double Drop Edge Stripe, Continuous White	9,826.000	LF	2.90	2.60	
0720	626-D002	6" Thermoplastic Double Drop Traffic Stripe, Skip Yellow	4,920.000	LF	2.50	2.25	
0730	627-L001	Two-Way Yellow Reflective High Performance Raised Markers	124.000	EA	28.00	25.00	
0740	630-A001	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness	25.000	SF	27.00	25.00	
0750	630-A003	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness	27.000	SF	28.00	26.00	
0760	630-C003	Steel U-Section Posts, 3.0 lb/ft	36.000	LF	17.00	16.00	
0770	630-C005	Square Tube Posts, 2.0 lb/ft	60.000	LF	31.00	28.00	
0780	630-F006	Delineators, Guard Rail, White	36.000	EA	24.00	22.00	

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Ref#	Item	Item Description	Item Qty	Units	1	2	
0790	699-A001	Roadway Construction Stakes	1.000	LS	45,000.00	200,000.00	
0800	907-234-A001	Temporary Silt Fence	2,000.000	LF	5.00	3.50	
0810	907-234-C001	Super Silt Fence	11,600.000	LF	12.00	10.50	
0820	907-630-E003	Structural Aluminum Angles & Bars, Aluminum Sign Bracing	20.000	LF	21.00	20.00	
0830	907-630-PP002	Roadside Directional Signs, Sheet Aluminum, 0.125" Thickness, Ground Mounted	46.000	SF	32.00	29.00	
0840	907-906001	Trainees	1,040.000	HRS	5.00	5.00	
0850	304-F001	3/4" and Down Crushed Stone Base	4,650.000	TON			
0860	304-F002	Size 610 Crushed Stone Base	4,650.000	TON	40.00	35.00	
0870	304-F003	Size 825B Crushed Stone Base	4,650.000	TON			
0880	605-W002	Filter Material for Combination Storm Drain and/or Underdrains, Type B, FM	70.000	CY	57.00		
0890	605-W003	Filter Material for Combination Storm Drain and/or Underdrains, Type C, FM	70.000	CY		150.00	
0900	501-K001	Transverse Grooving	5,073.000	SY	2.50	2.25	
0910	803-D005	HP 14 x 117 Steel Piling	1,950.000	LF	116.00	140.00	
0920	803-K010	Drilled Shaft, 72" Diameter	116.000	LF	1,835.00	1,575.00	
0930	803-K013	Drilled Shaft, 96" Diameter	498.000	LF	2,525.00	2,350.00	
0940	803-L006	Test Shaft, 72" Diameter	1.000	EA	280,500.00	630,000.00	
0950	803-M011	Trial Shaft, 96" Diameter	95.000	LF	2,996.00	5,000.00	
0960	803-N001	Exploration	100.000	LF	11.00	1.00	
0970	803-O023	Temporary Casing, 72" Diameter	90.000	LF	347.00	325.00	
0980	803-O029	Temporary Casing, 96" Diameter	360.000	LF	445.00	425.00	
0990	804-C185	130' Prestressed Concrete Beam, Type FIB-63	777.000	LF	320.00	375.00	
1000	804-C224	131' Prestressed Concrete Beam, Type FIB-63	777.000	LF	320.00	375.00	
1010	804-C227	101' Prestressed Concrete Beam, Type FIB-54	497.000	LF	365.00	420.00	
1020	805-A001	Reinforcement	456,082.000	LBS	1.42	1.25	
1030	805-C001	Reinforcement, Corrosion Resistant	1,767.000	LBS	2.50	4.00	
1040	810-A007	Structural Steel, A 709, Grade 50W	2,146,473.000	LBS	2.36	2.40	

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1050	810-A008	Structural Steel, A 709, Grade HPS 70W	602,123.000	LBS	2.36	2.40	
1060	811-D001	Disc Bearing Device	20.000	EA	15,900.00	15,000.00	
1070	813-A004	Concrete Railing, 36"	2,285.000	LF	66.00	58.00	
1080	815-A007	Loose Riprap, Size 300	17,927.000	TON	56.00	55.00	
1090	815-E001	Geotextile under Riprap	14,343.000	SY	5.00	4.00	
1100	907-803-B001	Conventional Static Pile Load Test	2.000	EA	5,000.00	5,000.00	
1110	907-803-I003	PDA Test Pile, HP Steel Pile	2.000	EA	23,000.00	20,000.00	
1120	907-803-J001	Pile Restrike	2.000	EA	1,800.00	1,000.00	
1130	907-804-A001	Bridge Concrete, Class BDX	1,527.000	CY	1,120.00	1,350.00	
1140	907-804-A002	Bridge Concrete, Class AA	609.000	CY	595.00	1,350.00	
1150	907-823-A002	Preformed Joint Seal, Type II	90.000	LF	31.00	30.00	
1160	907-827-A003	5 1/2" Modular Bridge Joint System	92.000	LF	2,100.00	2,000.00	