

YALOBUSHA (81)					MISSISSIPPI DEPARTMENT OF TRANSPORTATION	J. J. Ferguson Sand & Gravel, Inc.	Key, LLC	Endevco, Inc.
Bridge replacement on SR 315 from SR 7 to the Calhoun County Line, known as Federal Aid Project No. BR-0034-01(007) / 103323301, in the County of Yalobusha, State of Mississippi.					\$2,139,211.75	\$1,989,442.00	\$2,151,731.30	\$2,257,345.84
Ref#	SM Item	Item Description	Item Qty	Units		1	2	3
0010	201-A001	Clearing and Grubbing	1.000	LS		17,000.00	50,000.00	30,000.00
0020	202-A001	Removal of Obstructions	1.000	LS		5,465.00	10,000.00	15,000.00
0030	202-B005	Removal of Asphalt Pavement, All Depths	6,075.000	SY		5.50	4.00	3.25
0040	202-B064	Removal of Pipe, 8" And Above	290.000	LF		12.00	7.50	5.00
0050	202-B076	Removal of Traffic Stripe	1,388.000	LF		1.70	1.50	1.58
0060	203-A003	Unclassified Excavation, FM, AH	7,755.000	CY		4.48	4.50	4.50
0070	203-EX017	Borrow Excavation, AH, FME, Class B9	8,999.000	CY		8.20	9.00	7.50
0080	203-F001	Channel Excavation, FM	451.000	CY		2.60	6.00	4.50
0090	203-G003	Excess Excavation, FM, AH	5,613.000	CY		2.80	3.50	4.50
0100	206-A001	Structure Excavation	289.000	CY		7.15	8.00	12.00
0110	206-B001	Select Material for Undercuts, Contractor Furnished, FM	143.000	CY		34.60	35.00	20.00
0120	209-A001	Geotextile Stabilization, Type V	7,300.000	SY		3.20	1.45	2.50
0130	213-C001	Superphosphate	2.000	TON		410.00	1,000.00	656.25
0140	216-A001	Solid Sodding	211.000	SY		5.85	8.00	7.35
0150	217-A001	Ditch Liner	540.000	SY		5.85	2.00	3.10
0160	219-A001	Watering	4.000	KGAL		20.00	20.00	20.00
0170	220-A001	Insect Pest Control	2.000	ACRE		30.00	30.00	30.00
0180	221-A001	Portland Cement Concrete Paved Ditch	50.000	CY		300.00	400.00	350.00
0190	223-A001	Mowing	1.000	ACRE		40.00	40.00	40.00
0200	224-A001	Soil Reinforcing Mat	963.000	SY		5.15	8.00	5.09
0210	234-A001	Temporary Silt Fence	2,819.000	LF		2.75	4.00	2.50
0220	235-A001	Temporary Erosion Checks	776.000	BALE		10.00	10.00	6.00
0230	304-B014	Granular Material, Class 3, Group D	4,147.000	TON		17.00	15.00	17.50
0240	408-A003	Asphalt for Prime Coat, Cut-Back MC-70 or Emulsified EA-1	1,411.000	GAL		2.25	1.00	2.00
0250	501-E001	Expansion Joints, Without Dowels	74.000	LF		15.00	7.00	20.00
0260	501-K001	Transverse Grooving	164.000	SY		7.45	4.00	6.75

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Ref#	SM Item	Item Description	Item Qty	Units		1	2	3
0270	502-A001	Reinforced Cement Concrete Bridge End Pavement	164.000	SY		59.50	120.00	105.00
0280	601-A003	Class "B" Structural Concrete	24.000	CY		550.00	600.00	900.00
0290	601-B001	Class "B" Structural Concrete, Minor Structures	1.000	CY		1,387.00	2,000.00	1,500.00
0300	602-A001	Reinforcing Steel	7,655.000	LBS		0.77	1.30	0.72
0310	603-ALT001	18" Type A Alternate Pipe	708.000	LF		22.75	25.00	17.50
0320	603-CA007	48" Reinforced Concrete Pipe, Class III	24.000	LF		134.00	150.00	135.00
0330	603-CB006	48" Reinforced Concrete End Section	1.000	EA		2,110.00	2,200.00	2,000.00
0340	603-PA012	12' x 8' Precast Concrete Box Culvert	288.000	LF		1,371.00	1,500.00	1,800.00
0350	603-PA013	12' x 6' Precast Concrete Box Culvert	72.000	LF		1,205.00	1,400.00	1,650.00
0360	603-SB040	18" Branch Connections, Stub into Box Culvert	2.000	EA		600.00	300.00	500.00
0370	606-B001	Guard Rail, Class A, Type 1	425.000	LF		22.75	21.00	22.05
0380	606-D012	Guard Rail, Bridge End Section, Type I	4.000	EA		2,400.00	2,200.00	2,310.00
0390	606-E001	Guard Rail, Terminal End Section	4.000	EA		2,200.00	2,000.00	2,100.00
0400	618-A001	Maintenance of Traffic	1.000	LS		9,500.00	25,000.00	9,500.00
0410	618-C001	Construction & Removal of Detour Bridge	1.000	LS		168,000.00	60,000.00	135,000.00
0420	619-A1002	Temporary Traffic Stripe, Continuous White	2.000	MI		2,200.00	2,000.00	2,100.00
0430	619-A1007	Temporary Traffic Stripe, Continuous White, Type 1 Tape	380.000	LF		28.00	2.50	2.63
0440	619-A2002	Temporary Traffic Stripe, Continuous Yellow	1.000	MI		3,320.00	3,000.00	3,150.00
0450	619-A2005	Temporary Traffic Stripe, Continuous Yellow, Type 1 or 2 Tap	1,950.000	LF		1.10	1.00	1.05
0460	619-A4001	Temporary Traffic Stripe, Skip Yellow	1,690.000	LF		0.30	0.28	0.29
0470	619-A4004	Temporary Traffic Stripe, Skip Yellow, Type 1 Tape	211.000	LF		2.75	2.50	2.63
0480	619-A5001	Temporary Traffic Stripe, Detail	3,414.000	LF		0.70	0.65	0.68
0490	619-C7001	Two-Way Yellow Reflective High Performance Raised Marker	47.000	EA		8.75	8.00	8.40
0500	619-D1001	Standard Roadside Construction Signs, Less than 10 Square Fe	86.000	SF		10.75	10.00	10.50
0510	619-D2001	Standard Roadside Construction Signs, 10 Square Feet or More	575.000	SF		10.75	10.00	10.50
0520	619-F3004	Delineators, Guard Rail, White	8.000	EA		20.00	18.00	18.90

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Ref#	SM Item	Item Description	Item Qty	Units		1	2	3
0530	619-G4001	Barricades, Type III, Single Faced	144.000	LF		17.00	20.00	21.00
0540	619-G4005	Barricades, Type III, Double Faced	48.000	LF		22.00	24.00	25.20
0550	619-G5001	Free Standing Plastic Drums	22.000	EA		71.00	80.00	84.00
0560	619-G7001	Warning Lights, Type "B"	6.000	EA		305.00	800.00	840.00
0570	619-K1001	Installation and Removal of Guard Rail, Type I, Class A	100.000	LF		35.00	30.00	31.50
0580	619-K4001	Installation and Removal of Guardrail, Terminal End Section	4.000	EA		2,100.00	1,950.00	2,047.50
0590	620-A001	Mobilization	1.000	LS		36,000.00	185,000.00	155,000.00
0600	625-B001	Traffic Stripe, Skip Yellow	3,127.000	LF		0.76	0.70	0.74
0610	625-C001	Traffic Stripe, Continuous White	6,253.000	LF		0.76	0.70	0.74
0620	627-L001	Two-Way Yellow Reflective High Performance Raised Markers	85.000	EA		10.82	10.00	10.50
0630	628-J002	6" High Performance Cold Plastic Traffic Stripe, Continuous	385.000	LF		7.57	7.00	7.35
0640	628-L002	6" High Performance Cold Plastic Traffic Stripe, Skip Yellow	192.000	LF		7.57	7.00	7.35
0650	630-F001	Delineators, Guard Rail, White	22.000	EA		19.48	18.00	18.90
0660	630-G002	Type 3 Object Markers, OM-3R or OM-3L, Post Mounted	4.000	EA		82.00	75.00	78.75
0670	631-A001	Flowable Fill	21.000	CY		80.00	300.00	335.00
0680	699-A001	Roadway Construction Stakes	1.000	LS		80,000.00	35,000.00	53,420.00
0690	815-A009	Loose Riprap, Size 300	626.000	TON		44.00	52.00	37.00
0700	815-E001	Geotextile under Riprap	873.000	SY		2.19	2.50	3.00
0710	907-225-A001	Grassing	5.000	ACRE		760.00	2,500.00	1,575.00
0720	907-225-B001	Agricultural Limestone	13.000	TON		210.00	100.00	78.75
0730	907-226-A001	Temporary Grassing	2.000	ACRE		527.25	1,000.00	1,312.50
0740	907-304-F002	Size 610 Crushed Stone Base	2,480.000	TON		33.25	50.00	35.00
0750	907-403-A011	Hot Mix Asphalt, ST, 12.5-mm mixture	1,604.000	TON		60.75	63.60	65.50
0760	907-403-A012	Hot Mix Asphalt, ST, 19-mm mixture	681.000	TON		63.90	63.60	65.50
0770	907-403-A015	Hot Mix Asphalt, ST, 9.5-mm mixture	1,201.000	TON		84.00	66.50	68.50
0780	907-617-A001	Right-of-Way Marker	42.000	EA		100.00	125.00	160.00

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Ref#	SM Item	Item Description	Item Qty	Units		1	2	3
0790	907-804-B001	Box Bridge Concrete, Class B	62.000	CY		455.70	535.00	575.00
0800	501-K001	Transverse Grooving	533.000	SY		7.40	4.00	6.75
0810	803-A001	Test Pile	2.000	EA		3,280.00	4,500.00	5,600.00
0820	803-B001	Conventional Static Loading Test	2.000	EA		5,000.00	5,000.00	5,000.00
0830	803-C002	14" x 14" Prestressed Concrete Piling	1,990.000	LF		33.75	37.00	36.00
0840	803-J001	Pile Restrike	2.000	EA		150.00	500.00	500.00
0850	805-A001	Reinforcement	44,194.000	LBS		0.75	1.00	0.72
0860	813-A001	Concrete Railing	300.000	LF		67.00	50.00	65.00
0870	815-A009	Loose Riprap, Size 300	276.000	TON		38.75	52.00	37.00
0880	815-E001	Geotextile under Riprap	198.000	SY		1.20	2.50	3.00
0890	907-804-A001	Bridge Concrete, Class AA	247.000	CY		475.54	465.00	540.00
0900	907-804-C145	50' Prestressed Concrete Beam, Type II + 2	740.000	LF		95.00	100.00	110.00

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					\$2,530,446.18	\$2,573,888.55		
Ref#	SM Item	Item Description	Item Qty	Units	4	5		
0010	201-A001	Clearing and Grubbing	1.000	LS	125,000.00	50,000.00		
0020	202-A001	Removal of Obstructions	1.000	LS	40,000.00	50,000.00		
0030	202-B005	Removal of Asphalt Pavement, All Depths	6,075.000	SY	4.20	5.00		
0040	202-B064	Removal of Pipe, 8" And Above	290.000	LF	12.00	4.00		
0050	202-B076	Removal of Traffic Stripe	1,388.000	LF	1.50	1.50		
0060	203-A003	Unclassified Excavation, FM, AH	7,755.000	CY	4.00	8.00		
0070	203-EX017	Borrow Excavation, AH, FME, Class B9	8,999.000	CY	10.00	12.00		
0080	203-F001	Channel Excavation, FM	451.000	CY	9.00	20.00		
0090	203-G003	Excess Excavation, FM, AH	5,613.000	CY	5.50	10.00		
0100	206-A001	Structure Excavation	289.000	CY	7.00	20.00		
0110	206-B001	Select Material for Undercuts, Contractor Furnished, FM	143.000	CY	40.00	20.00		
0120	209-A001	Geotextile Stabilization, Type V	7,300.000	SY	2.00	3.00		
0130	213-C001	Superphosphate	2.000	TON	625.00	625.00		
0140	216-A001	Solid Sodding	211.000	SY	7.00	7.00		
0150	217-A001	Ditch Liner	540.000	SY	2.95	2.95		
0160	219-A001	Watering	4.000	KGAL	20.00	20.00		
0170	220-A001	Insect Pest Control	2.000	ACRE	30.00	30.00		
0180	221-A001	Portland Cement Concrete Paved Ditch	50.000	CY	420.00	30.00		
0190	223-A001	Mowing	1.000	ACRE	40.00	40.00		
0200	224-A001	Soil Reinforcing Mat	963.000	SY	4.85	4.85		
0210	234-A001	Temporary Silt Fence	2,819.000	LF	3.50	6.00		
0220	235-A001	Temporary Erosion Checks	776.000	BALE	9.50	10.00		
0230	304-B014	Granular Material, Class 3, Group D	4,147.000	TON	20.00	16.50		
0240	408-A003	Asphalt for Prime Coat, Cut-Back MC-70 or Emulsified EA-1	1,411.000	GAL	0.50	2.00		
0250	501-E001	Expansion Joints, Without Dowels	74.000	LF	20.00	15.00		
0260	501-K001	Transverse Grooving	164.000	SY	3.80	6.00		

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0270	502-A001	Reinforced Cement Concrete Bridge End Pavement	164.000	SY	60.00	85.00		
0280	601-A003	Class "B" Structural Concrete	24.000	CY	775.00	500.00		
0290	601-B001	Class "B" Structural Concrete, Minor Structures	1.000	CY	2,000.00	1,200.00		
0300	602-A001	Reinforcing Steel	7,655.000	LBS	0.90	2.00		
0310	603-ALT001	18" Type A Alternate Pipe	708.000	LF	20.00	30.00		
0320	603-CA007	48" Reinforced Concrete Pipe, Class III	24.000	LF	190.00	200.00		
0330	603-CB006	48" Reinforced Concrete End Section	1.000	EA	3,000.00	3,000.00		
0340	603-PA012	12' x 8' Precast Concrete Box Culvert	288.000	LF	1,860.00	1,850.00		
0350	603-PA013	12' x 6' Precast Concrete Box Culvert	72.000	LF	1,675.00	1,650.00		
0360	603-SB040	18" Branch Connections, Stub into Box Culvert	2.000	EA	400.00	500.00		
0370	606-B001	Guard Rail, Class A, Type 1	425.000	LF	21.00	21.00		
0380	606-D012	Guard Rail, Bridge End Section, Type I	4.000	EA	2,200.00	2,200.00		
0390	606-E001	Guard Rail, Terminal End Section	4.000	EA	2,000.00	2,000.00		
0400	618-A001	Maintenance of Traffic	1.000	LS	8,640.00	25,000.00		
0410	618-C001	Construction & Removal of Detour Bridge	1.000	LS	108,000.00	150,000.00		
0420	619-A1002	Temporary Traffic Stripe, Continuous White	2.000	MI	2,000.00	2,000.00		
0430	619-A1007	Temporary Traffic Stripe, Continuous White, Type 1 Tape	380.000	LF	2.50	2.50		
0440	619-A2002	Temporary Traffic Stripe, Continuous Yellow	1.000	MI	3,000.00	3,000.00		
0450	619-A2005	Temporary Traffic Stripe, Continuous Yellow, Type 1 or 2 Tap	1,950.000	LF	1.00	1.00		
0460	619-A4001	Temporary Traffic Stripe, Skip Yellow	1,690.000	LF	0.28	0.28		
0470	619-A4004	Temporary Traffic Stripe, Skip Yellow, Type 1 Tape	211.000	LF	2.50	2.50		
0480	619-A5001	Temporary Traffic Stripe, Detail	3,414.000	LF	0.65	0.65		
0490	619-C7001	Two-Way Yellow Reflective High Performance Raised Marker	47.000	EA	8.00	8.00		
0500	619-D1001	Standard Roadside Construction Signs, Less than 10 Square Fe	86.000	SF	10.00	10.00		
0510	619-D2001	Standard Roadside Construction Signs, 10 Square Feet or More	575.000	SF	10.00	10.00		
0520	619-F3004	Delineators, Guard Rail, White	8.000	EA	18.00	18.00		

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Ref#	SM Item	Item Description	Item Qty	Units	4	5		
0530	619-G4001	Barricades, Type III, Single Faced	144.000	LF	20.00	20.00		
0540	619-G4005	Barricades, Type III, Double Faced	48.000	LF	24.00	24.00		
0550	619-G5001	Free Standing Plastic Drums	22.000	EA	80.00	80.00		
0560	619-G7001	Warning Lights, Type "B"	6.000	EA	800.00	800.00		
0570	619-K1001	Installation and Removal of Guard Rail, Type I, Class A	100.000	LF	30.00	30.00		
0580	619-K4001	Installation and Removal of Guardrail, Terminal End Section	4.000	EA	1,950.00	1,950.00		
0590	620-A001	Mobilization	1.000	LS	200,000.00	180,000.00		
0600	625-B001	Traffic Stripe, Skip Yellow	3,127.000	LF	0.70	0.70		
0610	625-C001	Traffic Stripe, Continuous White	6,253.000	LF	0.70	0.70		
0620	627-L001	Two-Way Yellow Reflective High Performance Raised Markers	85.000	EA	10.00	10.00		
0630	628-J002	6" High Performance Cold Plastic Traffic Stripe, Continuous	385.000	LF	7.00	7.00		
0640	628-L002	6" High Performance Cold Plastic Traffic Stripe, Skip Yellow	192.000	LF	7.00	7.00		
0650	630-F001	Delineators, Guard Rail, White	22.000	EA	18.00	20.00		
0660	630-G002	Type 3 Object Markers, OM-3R or OM-3L, Post Mounted	4.000	EA	75.00	75.00		
0670	631-A001	Flowable Fill	21.000	CY	150.00	300.00		
0680	699-A001	Roadway Construction Stakes	1.000	LS	50,000.00	75,000.00		
0690	815-A009	Loose Riprap, Size 300	626.000	TON	40.00	50.00		
0700	815-E001	Geotextile under Riprap	873.000	SY	2.00	2.00		
0710	907-225-A001	Grassing	5.000	ACRE	1,500.00	1,500.00		
0720	907-225-B001	Agricultural Limestone	13.000	TON	75.00	75.00		
0730	907-226-A001	Temporary Grassing	2.000	ACRE	1,250.00	1,250.00		
0740	907-304-F002	Size 610 Crushed Stone Base	2,480.000	TON	40.00	38.00		
0750	907-403-A011	Hot Mix Asphalt, ST, 12.5-mm mixture	1,604.000	TON	63.60	63.60		
0760	907-403-A012	Hot Mix Asphalt, ST, 19-mm mixture	681.000	TON	63.60	63.60		
0770	907-403-A015	Hot Mix Asphalt, ST, 9.5-mm mixture	1,201.000	TON	66.50	66.50		
0780	907-617-A001	Right-of-Way Marker	42.000	EA	100.00	75.00		

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Ref#	SM Item	Item Description	Item Qty	Units	4	5		
0790	907-804-B001	Box Bridge Concrete, Class B	62.000	CY	610.00	600.00		
0800	501-K001	Transverse Grooving	533.000	SY	3.85	6.00		
0810	803-A001	Test Pile	2.000	EA	9,000.00	4,000.00		
0820	803-B001	Conventional Static Loading Test	2.000	EA	5,000.00	5,000.00		
0830	803-C002	14" x 14" Prestressed Concrete Piling	1,990.000	LF	48.00	42.50		
0840	803-J001	Pile Restrike	2.000	EA	800.00	2,000.00		
0850	805-A001	Reinforcement	44,194.000	LBS	0.82	0.80		
0860	813-A001	Concrete Railing	300.000	LF	56.00	60.00		
0870	815-A009	Loose Riprap, Size 300	276.000	TON	40.00	38.00		
0880	815-E001	Geotextile under Riprap	198.000	SY	2.00	2.00		
0890	907-804-A001	Bridge Concrete, Class AA	247.000	CY	610.00	600.00		
0900	907-804-C145	50' Prestressed Concrete Beam, Type II + 2	740.000	LF	150.00	135.00		