

Department of Engineering/Road Management
Dan Gaillet, P.E., County Engineer/ Road Manager

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MEMORANDUM

December 12, 2016

TO: Sheila Jones, Supervisor, District I
Trey Baxter, Supervisor, District II
Gerald Steen, Supervisor, District III
David Bishop, Supervisor, District IV
Paul Griffin, Supervisor, District V

FROM: Dan Gaillet, P.E.
County Engineer/Road Manager *DG*

RE: Covington Drive Bridge
Canton, MS

On Thursday, December 1, 2016, the U.S. Federal Highway Administration (FHWA) and the Mississippi State Aid Division paid a site visit to the Covington Drive Bridge in Canton. The bridge loading was recently lowered to 3 tons, maximum. Unfortunately, Covington Drive is considered a major truck route between Highway 51 and Highway 43, in addition to having a logging yard and concrete plant located adjacent to the roadway. As a result of further inspection and the strong recommendation of FHWA and State Aid, the County permanently closed the bridge until repairs can be made.

Our term bidder, Key LLC, estimates the repair costs to be \$158,468.70. As a result, the Engineering Department recommends moving forward with this project.

SHEILA JONES
District One

TREY BAXTER
District Two

GERALD STEEN
District Three

DAVID BISHOP
District Four

PAUL GRIFFIN
District Five

Covington Drive Bridge

Bridge is located on Covington Drive

ITEM	SOURCE	UNIT	QUANTITY	UNIT COST	COST
Mobilization	Key, LLC	LS	1	\$ 7,725.00	\$ 7,725.00
Remove, Reset & Grout 19-foot abutment cap	Key, LLC	EA	2	\$ 3,255.00	\$ 6,510.00
Remove, Reset & Grout 19-foot intermediate cap	Key, LLC	EA	2	\$ 3,255.00	\$ 6,510.00
Remove, Reset & Grout 19-foot Precast Bridge Span	Key, LLC	SF	1,596	\$ 15.70	\$ 25,057.20
Furnish & Drive H Piling	Key, LLC	LF	900	\$ 60.00	\$ 54,000.00
Extract and Remove Timber Piles	Key, LLC	EA	16	\$ 2,205.00	\$ 35,280.00
Remove Timber Piles from job site	Key, LLC	EA	16	\$ 145.00	\$ 2,320.00
Excavation Work	Key, LLC	CY	50	\$ 16.50	\$ 825.00
Removal of Miscellaneous Material from job site	Key, LLC	TON	90	\$ 93.75	\$ 8,437.50
Furnish Rip-Rap in place	Key, LLC	TON	44	\$ 77.25	\$ 3,399.00
Furnish & Drive Test Pile	Key, LLC	EA	1	\$ 7,175.00	\$ 7,175.00
Furnish & Install Timber Head Walls	Key, LLC	BF	600	\$ 2.050	\$ 1,230.00

TOTAL PROJECT COST = \$ 158,468.70

Key, LLC shall excavate for removal and replacement of abutments

Madison County to handle all backfill, subgrade and asphalt

Madison County to handle all Maintenance of Traffic

Madison County to handle all removal or relocation of powerlines & utilities in conflict with construction (per OSHA guidelines)

Madison County to provide 8ea concrete bridge rail post

Quantity of pile is based on the following

Bent #1	3 ea (1 pile excluded for test pile)	50 lf	150 lf
Bent #2	4 ea	50 lf	200 lf
Bent #3	4 ea	50 lf	200 lf
Bent #4	4 ea	50 lf	200 lf
Wings	5 ea	30 lf	150 lf
		Total	900 lf