


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

3137 South Liberty Street, Canton, MS 39046
Office (601) 855-5670 FAX (601) 859-5857

MEMORANDUM

December 20, 2017

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 and Road Manager

Re: Completion of Project
Distribution Drive Intersection Improvements

The Engineering Department is requesting that the Board acknowledge final payment to Warren Excavation, LLC for the completion of Distribution Drive Intersection Project in the amount of \$26,158.20.

December 1, 2017
N-S Project No. 13892.000

Mr. Dan Gaillet
Road Manager
County of Madison, Mississippi
3137 South Liberty Street
Canton, MS 39046

REFERENCE: GLUCKSTADT ROAD – DISTRIBUTION DRIVE INTERSECTION
IMPROVEMENTS PROJECT – CONTRACTOR PAY APPLICATION NO. 6, FINAL
CHANGE ORDER NO. 1, FINAL

Dear Dan:

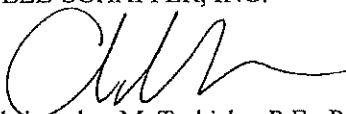
Enclosed is Pay Application No. 6, Final submitted by Warren Excavation, LLC for the above-referenced project. The invoice is in the amount of \$523,164.09, less a previous payment of \$497,005.89, leaving a balance of \$26,158.20 owed to the Contractor, Warren Excavation, LLC at this time. We have reviewed this request and recommend payment in the amount of \$26,158.20.

Also enclosed is Change Order No. 1, Final for the above-referenced project, reflecting a final summary of quantities in place. The Change Order represents a net decrease of \$13,471.91 from the original contract price of \$536,636.00 for an adjusted contract price of \$523,164.09 reflecting a decrease of 2.5% from the original contract.

Should you have any questions, or require additional information, please do not hesitate to contact me.

Sincerely,

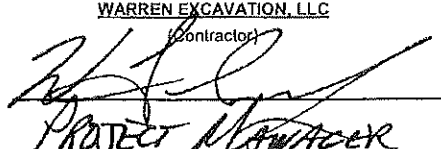
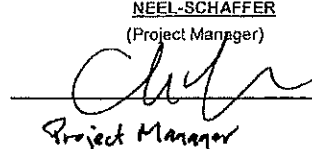
NEEL-SCHAFFER, INC.



Christopher M. Trebisky, P.E., P.L.S.
Project Manager

CMT: cmt

cc: Amber Pope
Stan Wright
Warren Excavation

APPLICATION FOR PARTIAL PAYMENT		Neel-Schaffer Project No 130505.00	
NAME OF PROJECT Gluckstadt Road-Distribution Intersection Improvements		PAY APPLICATION NUMBER	RETAINAGE
LOCATION OF PROJECT Gluckstadt, Mississippi		PAY APP. PERIOD 10/31/2017	TO FINAL
NAME AND ADDRESS OF OWNER The County of Madison, MS 125 West North Street Canton, Mississippi 39110		NAME AND ADDRESS OF CONTRACTOR Warren Excavation, LLC 108 Lexington Drive Madison, MS 39110	
SCHEDULE OF CONTRACT CHANGE ORDERS List every change order issued to date of this request even if no work has been done under on or more such orders.			
CONTRACT CHANGE ORDER		ADDITIONS TO CONTRACT PRICE AS SHOWN ON CHANGE ORDER	DEDUCTIONS FROM CONTRACT PRICE AS SHOWN ON CHANGE ORDER
NO (1)	DATE (2)	DESCRIPTION (3)	(4)
1	5/17/2017	PREVIOUS CHANGE ORDERS	\$15,009.00
2	10/25/2017	EXTEND BOX CULVERT WING WALL	\$8,750.00
3	10/25/2017	CONCRETE APRON @ BEAR CREEK	5,625.00
4	10/25/2017	ADDITIONAL TRAFFIC CONTROL FOR RIPRAP	1,500.00
		TOTALS	\$30,884.00
ANALYSIS OF ADJUSTED CONTRACT AMOUNT TO DATE			
(a)	ORIGINAL CONTRACT AMOUNT.....	\$	536,636.00
(b)	PLUS: ADDITIONS SCHEDULED IN COLUMN 4 ABOVE.....	\$	30,884.00
(c)	LESS: DEDUCTIONS SCHEDULED IN COLUMN 5 ABOVE.....	\$	0.00
(d)	ADJUSTED CONTRACT AMOUNT TO DATE.....	\$	567,520.00
ANALYSIS OF WORK PERFORMED TO DATE			
(a)	COST OF ORIGINAL CONTRACT WORK PERFORMED TO DATE.....	\$	523,164.09
(b)	EXTRA WORK PERFORMED TO DATE BY CHANGE ORDER.....	\$	0.00
(c)	TOTAL COST OF WORK PERFORMED TO DATE.....	\$	523,164.09
(d)	ADD: MATERIALS STORED AT CLOSE OF PERIOD.....	\$	0.00
(e)	SUBTOTAL OF (c) and (d).....	\$	523,164.09
(f)	LESS: RETAINAGE (5%).....	\$	0.00
(g)	SUBTOTAL OF (e) and (f).....	\$	523,164.09
(h)	LESS: AMOUNT OF PREVIOUS PAYMENTS.....	\$	497,005.89
(i)	AMOUNT DUE THIS APPLICATION.....	\$	26,158.20
CERTIFICATE OF CONTRACTOR According to the best of my knowledge and belief, I certify that all items and amounts shown in this Application for Partial Payment are correct; that all work has been performed and/or duly authorized deviations, substitutions, alterations and/or additions; that the foregoing is a true and correct statement of the Contract account up to and including the last day of the period covered by the Application for Partial Payment; and that no part of the "Amount Due This Application" has been received. <u>WARREN EXCAVATION, LLC</u> (Contractor) By:  Title: <u>PROJECT MANAGER</u> Date: <u>10/31/2017</u>		RECOMMENDATION OF ENGINEER This Application for Partial Payment covers all pay item work performed by the Contractor through the application period stated herein. The undersigned recommends payment of the amount on line (i) above subject to the provisions of the Contract Documents covering the repair or replacement of all defective work, if any, that may be discovered prior to final payment or expiration of the general guaranty period. <u>NEEL-SCHAFFER</u> (Project Manager) By:  Title: <u>Project Manager</u> Date: <u>12/1/17</u>	

CONTRACTOR: Warren Excavation, LLC
 PROJECT: Gluckstadt Road-Distribution Intersection Improvements
 APPLICATION NO: RETAINAGE
 PERIOD: 10/31/2017 TO FINAL

COST BREAKDOWN

ITEM NO	DESCRIPTION OF WORK	CONTRACT				PREVIOUS APPLICATION		COMPLETED THIS MONTH		COMPLETED TO DATE		COMPLETE %	BALANCE TO FINISH	
		QTY	UNIT	UNIT COST	TOTAL COST	QTY	TOTAL COST	QTY	TOTAL COST	QTY	TOTAL COST		RETAINAGE	QTY
1.0	Mobilization	1	LS	33,500.00	33,500.00	1.00	33,500.00	0.00	0.00	1.00	33,500.00	100%	0.00	0.00
2.0	Maintenance & Protection of Traffic	1	LS	13,000.00	13,000.00	1.00	13,000.00	0.00	0.00	1.00	13,000.00	100%	0.00	0.00
3.0	Removal of Concrete Curb & Gutter	1	LS	5,300.00	5,300.00	1.00	5,300.00	0.00	0.00	1.00	5,300.00	100%	0.00	0.00
4.0	Removal of Pipe, All Sizes	1	LS	4,000.20	4,000.20	1.00	4,000.20	0.00	0.00	1.00	4,000.20	100%	0.00	0.00
5.0	Removal of Drainage Structures	1	LS	4,500.00	4,500.00	1.00	4,500.00	0.00	0.00	1.00	4,500.00	100%	0.00	0.00
6.0	Site Grading & Preparation	1	LS	22,000.00	22,000.00	1.00	22,000.00	0.00	0.00	1.00	22,000.00	100%	0.00	0.00
7.0	Excess Excavation, LVM	1000	CY	10.00	10,000.00	294.00	2,940.00	0.00	0.00	294.00	2,940.00	29%	0.00	706.00
8.0	Borrow Excavation, LVM	1600	CY	13.00	19,500.00	728.00	9,464.00	0.00	0.00	728.00	9,464.00	49%	0.00	772.00
9.0	610 Crushed Stone Base	400	TONS	57.00	22,800.00	618.10	35,231.70	0.00	0.00	618.10	35,231.70	155%	0.00	-218.10
10.0	HMA Base Course, 19 MM	325	TONS	158.00	51,350.00	212.49	33,573.42	0.00	0.00	212.49	33,573.42	65%	0.00	112.51
11.0	HMA Surface Course, 9.5 MM	175	TONS	175.00	30,625.00	95.91	16,784.25	0.00	0.00	95.91	16,784.25	55%	0.00	79.09
12.0	15" Reinforced Concrete Pipe	8	LF	33.00	264.00	8.00	264.00	0.00	0.00	8.00	264.00	100%	0.00	0.00
13.0	18" Reinforced Concrete Pipe	23	LF	36.00	828.00	23.00	828.00	0.00	0.00	23.00	828.00	100%	0.00	0.00
14.0	24" Reinforced Concrete Pipe	120	LF	42.00	5,040.00	120.00	5,040.00	0.00	0.00	120.00	5,040.00	100%	0.00	0.00
15.0	30" Reinforced Concrete Pipe	194	LF	56.00	10,864.00	196.00	10,976.00	0.00	0.00	196.00	10,976.00	101%	0.00	-2.00
16.0	36" Reinforced Concrete Pipe	142	LF	68.00	9,656.00	156.00	10,608.00	0.00	0.00	156.00	10,608.00	110%	0.00	-14.00
17.0	36" Concrete Flared End Section	1	EA	1,250.00	1,250.00	2.00	2,500.00	0.00	0.00	2.00	2,500.00	200%	0.00	-1.00
18.0	Rip Rap	50	TONS	70.00	3,500.00	35.16	2,461.20	0.00	0.00	35.16	2,461.20	70%	0.00	14.84
19.0	Grate Inlet	2	EA	2,800.00	5,600.00	2.00	5,600.00	0.00	0.00	2.00	5,600.00	100%	0.00	0.00
20.0	Curb Inlet	4	EA	3,800.00	15,200.00	4.00	15,200.00	0.00	0.00	4.00	15,200.00	100%	0.00	0.00
21.0	Modify Existing Inlet	1	EA	1,800.00	1,800.00	2.00	3,600.00	0.00	0.00	2.00	3,600.00	200%	0.00	-1.00
22.0	Branch Connection	1	EA	1,200.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0%	0.00	1.00
23.0	Anchor Reinforced Vegetation System	75	SY	40.00	3,000.00	75.00	3,000.00	0.00	0.00	75.00	3,000.00	100%	0.00	0.00
24.0	Concrete Curb & Gutter	875	LF	23.50	20,562.50	863.00	20,280.50	0.00	0.00	863.00	20,280.50	99%	0.00	12.00
25.0	Pavement Markings	1	LS	10,500.00	10,500.00	1.00	10,500.00	0.00	0.00	1.00	10,500.00	100%	0.00	0.00
26.0	Solid Sodding	1000	SY	6.00	6,000.00	1000.00	6,000.00	0.00	0.00	1,000.00	6,000.00	100%	0.00	0.00
27.0	Erosion Control Protection	1	LS	10,000.00	10,000.00	1.00	10,000.00	0.00	0.00	1.00	10,000.00	100%	0.00	0.00
28.0	Traffic Signal Equipment Pole, Type III, 17' Shaft, 45' & 50' Arms	1	EA	12,200.00	12,200.00	1.00	12,200.00	0.00	0.00	1.00	12,200.00	100%	0.00	0.00
29.0	Traffic Signal Equipment Pole, Type III, 17' Shaft, 55' & 55' Arms	1	EA	13,100.00	13,100.00	1.00	13,100.00	0.00	0.00	1.00	13,100.00	100%	0.00	0.00
30.0	Pole Foundations, 36" Diameter	8	CY	665.00	5,320.00	7.85	5,220.25	0.00	0.00	7.85	5,220.25	98%	0.00	0.15
31.0	Traffic Signal Heads, Type 1 LED	8	EA	860.00	6,880.00	8.00	6,880.00	0.00	0.00	8.00	6,880.00	100%	0.00	0.00
32.0	Traffic Signal Heads, Type 2 Fya LED	2	EA	1,265.00	2,530.00	2.00	2,530.00	0.00	0.00	2.00	2,530.00	100%	0.00	0.00
33.0	Signal Radar System	1	EA	49,700.00	49,700.00	1.00	49,700.00	0.00	0.00	1.00	49,700.00	100%	0.00	0.00
34.0	Solid State Traffic Actuated Controllers, Type 8A	1	EA	16,700.00	16,700.00	1.00	16,700.00	0.00	0.00	1.00	16,700.00	100%	0.00	0.00
35.0	Optical Detector	4	EA	665.00	2,660.00	4.00	2,660.00	0.00	0.00	4.00	2,660.00	100%	0.00	0.00
36.0	Optical Detector Cable	470	LF	1.50	705.00	457.00	685.50	0.00	0.00	457.00	685.50	97%	0.00	13.50
37.0	Phase Selector, 4 Channel	1	EA	3,600.00	3,600.00	1.00	3,600.00	0.00	0.00	1.00	3,600.00	100%	0.00	0.00
38.0	Pullbox, Type 3	1	EA	1,330.00	1,330.00	1.00	1,330.00	0.00	0.00	1.00	1,330.00	100%	0.00	0.00
39.0	Pullbox, Type 2	1	EA	1,275.00	1,275.00	1.00	1,275.00	0.00	0.00	1.00	1,275.00	100%	0.00	0.00
40.0	Street Name Sign, Encapsulated Lens	35	SF	69.00	3,115.00	33.00	2,937.00	0.00	0.00	33.00	2,937.00	94%	0.00	2.00
41.0	Fiber Optic Drop Cable, 12 Sm	535	LF	2.16	1,155.60	542.00	1,170.72	0.00	0.00	542.00	1,170.72	101%	0.00	-7.00
42.0	Network Switch, Type A	1	EA	2,570.00	2,570.00	1.00	2,570.00	0.00	0.00	1.00	2,570.00	100%	0.00	0.00
43.0	Electric Cable, Underground in Conduit, Thhn, Awg #6, 3 Conductor	20	LF	24.00	480.00	24.00	576.00	0.00	0.00	24.00	576.00	120%	0.00	-4.00
44.0	Electric Cable, Underground in Conduit, Imsa 20-1, Awg 14, 8 Conductor	290	LF	5.40	1,566.00	278.00	1,501.20	0.00	0.00	278.00	1,501.20	96%	0.00	12.00
45.0	Electric Cable, Aerial Supported, Imsa 20-1, Awg 14, 8 Conductor	193	LF	4.40	849.20	181.00	796.40	0.00	0.00	181.00	796.40	94%	0.00	12.00
46.0	Traffic Signal Conduit, Underground, Type 4, 1"	10	LF	11.00	110.00	11.00	121.00	0.00	0.00	11.00	121.00	110%	0.00	-1.00
47.0	Traffic Signal Conduit, Underground, Type 4, 2"	485	LF	6.50	3,152.50	485.00	3,152.50	0.00	0.00	485.00	3,152.50	100%	0.00	0.00

CONTRACTOR: Warren Excavation, LLC
 PROJECT: Gluckstadt Road-Distribution Intersection Improvements
 APPLICATION NO: RETAINAGE
 PERIOD: 10/31/2017 TO FINAL

COST BREAKDOWN

ITEM NO	DESCRIPTION OF WORK	CONTRACT				PREVIOUS APPLICATION		COMPLETED THIS MONTH		COMPLETED TO DATE		% COMPLETE	BALANCE TO FINISH		
		QTY	UNIT	UNIT COST	TOTAL COST	QTY	TOTAL COST	QTY	TOTAL COST	QTY	TOTAL COST		RETAINAGE	QTY	TOTAL COST
48.0	Traffic Signal Conduit, Underground, Type 4, 3"	25	LF	17.00	425.00	19.00	323.00	0.00	0.00	19.00	323.00	76%	0.00	6.00	102.00
49.0	Traffic Signal Conduit, Undergorund, Drilled or Jacked, Rolled Pipe, 3"	120	LF	18.00	2,160.00	120.00	2,160.00	0.00	0.00	120.00	2,160.00	100%	0.00	0.00	0.00
A1.1	Milling, 1.5" Thick	3500	SY	7.40	25,900.00	3556.00	26,314.40	0.00	0.00	3,556.00	26,314.40	102%	0.00	-56.00	(414.40)
A1.2	HMA Surface Course, 9.5 MM	375	TONS	142.50	53,437.50	307.02	43,750.35	0.00	0.00	307.02	43,750.35	82%	0.00	67.98	9,697.15
A1.3	Pavement Markings	1	LS	1,375.00	1,375.00	1.00	1,375.00	0.00	0.00	1.00	1,375.00	100%	0.00	0.00	0.00
A1.4	Maintenance & Protection of Traffic	1	LS	2,500.50	2,500.50	1.00	2,500.50	0.00	0.00	1.00	2,500.50	100%	0.00	0.00	0.00
22.C	ADDED JUNCTION BOX	1	EA	3,600.00	3,600.00	1.00	3,600.00	0.00	0.00	1.00	3,600.00	100%	0.00	0.00	0.00
CO3	CONCRETE DRIVEWAY REPAIR	1	LS	3,163.00	3,163.00	1.00	3,163.00	0.00	0.00	1.00	3,163.00	100%	0.00	0.00	0.00
CO3	TEMPORARY TRAFFIC STRIPING	1	LS	2,496.00	2,496.00	1.00	2,496.00	0.00	0.00	1.00	2,496.00	100%	0.00	0.00	0.00
CO4	BOX CULVERT WING WALL EXTENSION	1	LS	8,750.00	8,750.00	1.00	8,750.00	0.00	0.00	1.00	8,750.00	100%	0.00	0.00	0.00
CO4	CONCRETE DRIVEWAY AT BEAR CREEK	1	LS	5,625.00	5,625.00	1.00	5,625.00	0.00	0.00	1.00	5,625.00	100%	0.00	0.00	0.00
CO4	TRAFFIC CONTROL FOR ADDITIONAL RIPRAP	1	LS	1,500.00	1,500.00	1.00	1,500.00	0.00	0.00	1.00	1,500.00	100%	0.00	0.00	0.00
CO2	PARAPET WALL EXTENSION	1	EA	5,750.00	5,750.00	1.00	5,750.00	0.00	0.00	1.00	5,750.00	100%	0.00	0.00	0.00
TOTAL:					567,520.00		523,164.09		0.00		523,164.09	92%	0.00		44,355.91

Gluckstadt Road - Distribution Drive Intersection Improvements Project
 Final Quantities - In Place

Item No.	Description	Unit	Contract Quantity	Actually Installed	Change	Unit Price	Total
7.0	Excess Excavation, LVM	CY	1,000.00	294.00	(706.00)	\$ 10.00	(\$7,060.00)
8.0	Borrow Excavation, LVM	CY	1,500.00	728.00	(772.00)	\$ 13.00	(\$10,036.00)
9.0	610 Crushed Stone Base	TONS	400.00	618.10	218.10	\$ 57.00	\$12,431.70
10.0	HMA Base Course, 19mm	TONS	325.00	212.49	(112.51)	\$ 158.00	(\$17,776.58)
11.0	HMA Surface Course, 9.5mm	TONS	175.00	95.91	(79.09)	\$ 175.00	(\$13,840.75)
15.0	30" Reinforced Concrete Pipe	LF	194.00	196.00	2.00	\$ 56.00	\$112.00
16.0	36" Reinforced Concrete Pipe	LF	142.00	156.00	14.00	\$ 68.00	\$952.00
17.0	36" Concrete Flared End Section	EA	1.00	2.00	1.00	\$ 1,250.00	\$1,250.00
18.0	Rip Rap	TONS	50.00	35.16	(14.84)	\$ 70.00	(\$1,038.80)
21.0	Modify Existing Inlet	EA	1.00	2.00	1.00	\$ 1,800.00	\$1,800.00
22.0	Branch Connection	EA	1.00	0.00	(1.00)	\$ 1,200.00	(\$1,200.00)
24.0	Concrete Curb and Gutter	LF	875.00	863.00	(12.00)	\$ 23.50	(\$282.00)
30.0	Pole Foundations, 36" Diameter	CY	8.00	7.85	(0.15)	\$ 665.00	(\$99.75)
36.0	Optical Detector Cable	LF	470.00	457.00	(13.00)	\$ 1.50	(\$19.50)
40.0	Street Name Sign, Encapsulated Lens	SF	35.00	33.00	(2.00)	\$ 89.00	(\$178.00)
41.0	Fiber Optic Drop Cable, 12 Sm	LF	535.00	542.00	7.00	\$ 2.16	\$15.12
43.0	Electric Cable, Underground In Conduit, Thhn, Awg 6, 3 Conductor	EA	20.00	24.00	4.00	\$ 24.00	\$96.00
44.0	Electric Cable, Underground in Conduit, Imsa 20-1, Awg 14, 8 Conductor	LF	290.00	278.00	(12.00)	\$ 5.40	(\$64.80)
45.0	Electric Cable, Aerial Supported, Imsa 20-1, Awg 14, 8 Conductor	LF	193.00	181.00	(12.00)	\$ 4.40	(\$52.80)
46.0	Traffic Signal Conduit, Underground, Type 4, 1"	LF	10.00	11.00	1.00	\$ 11.00	\$11.00
48.0	Traffic Signal Conduit, Underground, Type 4, 3"	LF	25.00	19.00	(6.00)	\$ 17.00	(\$102.00)
A1.1	Milling, 1.5" Thick	SY	3,500.00	3,556.00	56.00	\$ 7.40	\$414.40
A1.2	HMA Surface Course, 9.5mm	TONS	375.00	307.02	(67.98)	\$ 142.50	(\$9,687.15)
C1.0	Junction Box	EA	-	1.00	1.00	\$ 3,600.00	\$3,600.00
C1.1	Concrete Driveway Replacement	LS	-	1.00	1.00	\$ 3,163.00	\$3,163.00
C1.2	Temporary Traffic Striping	LS	-	1.00	1.00	\$ 2,496.00	\$2,496.00
C1.3	Box Culvert Wingwall	LS	-	1.00	1.00	\$ 8,750.00	\$8,750.00
C1.4	Concrete Driveway Replacement Bear Creek	LS	-	1.00	1.00	\$ 5,625.00	\$5,625.00
C1.5	Traffic Control for Rip Rap Placement	LS	-	1.00	1.00	\$ 1,500.00	\$1,500.00
C1.6	Parapet Wall Extension	EA	-	1.00	1.00	\$ 5,750.00	\$5,750.00

Total Contract Change	(\$13,471.91)
Original Contract Amount	\$ 536,636.00

Adjusted Total Contract \$ 523,164.09