

Department of Engineering
Tim Bryan, P.E., PTOE, County Engineer

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MEMORANDUM

April 29, 2026

To: Casey Brannon, Supervisor, District I
Trey Baxter, Supervisor, District II
Gerald Steen, Supervisor, District III
Karl Banks, Supervisor, District IV
Paul Griffin, Supervisor, District V

From: Tim Bryan, P.E., PTOE
County Engineer

Re: Supplemental Agreement #1
Bozeman Road Improvements
STP-6985-00(001)LPA / 106993-701000

The Engineering Department requests the Board approve Supplemental Agreement #1 to the contract of Hemphill Construction for an amount not to exceed \$1,540,232.30 for a new maximum contract total of \$40,167,200.30 contingent upon MDOT/FHWA concurrence. Once concurrence is received, it is requested that the Board President be authorized to sign the Supplemental Agreement and MDOT Quantity Adjustment form.

This SA primarily covers lengthening the box culvert just south of Belle Terre neighborhood in preparation for Bozeman Road Phase 2 Improvements and to cover items that were removed from the Reunion Parkway Phase 2 Project due to the timing of this project taking place after the completion of that project.

CASEY BRANNON
District One

TREY BAXTER
District Two

GERALD STEEN
District Three

KARL M. BANKS
District Four

PAUL GRIFFIN
District Five

Madison County Board of Supervisors
Project No. STP-6985-00(001)LPA
106993/701000

SUPPLEMENTAL AGREEMENT NO. 1

WHEREAS, WE, Hemphill Construction Co., Inc., Contractor, and Federal Insurance Company, Surety, entered into a contract with the Madison County Board of Supervisors, LPA, on the 9th day of October, 2024, for the construction of Federal Aid Project No. STP-6985-00(001)LPA/106993-701000 in Madison County; and

WHEREAS: The project provides for the widening of Bozeman Road from a 2 lane section to a 4 lane divided curb and gutter section with a multi-use path: AND

WHEREAS: The Original Contract calls for installing a steel pile retaining wall from station 24+73 LT to 28+03 LT. To lessen the impact to the adjacent property owner, the LPA has determined that additional height and an additional thirty (30) linear feet of retaining wall is to ensure long-term stability of the adjacent property. In addition to utilizing additional quantities of existing pay items under the Original Contract, the Contractor has requested additional requisite items to accomplish this work: AND

WHEREAS: The Original Contract calls for undercutting and placement of borrow material to strengthen the roadway base from Station 170+00 to the EOP, including the Gluckstadt Road Intersection. Based on the condition of the existing intersection pavement and soil, the LPA desires to use asphalt leveling over the existing surface in lieu of undercutting the existing soil as a cost-savings measure to achieve similar results. Additional maintenance of traffic will be needed due to the asphalt contractor working in the intersection under traffic instead of shutting the intersection down and undercutting: AND

WHEREAS: The Original Contract calls for the installation of seventy-four (74) feet of box culvert at Station 164+00. The LPA has acquired additional right of way for a future county funded project at this location and desires to extend the box culvert an additional forty (40) linear feet as a cost-savings measure and to avoid construction impacts to traffic during the future project. The LPA has determined that additional maintenance of traffic, roadway staking, and message boards are needed at the box culvert site for traffic control until area is completely constructed: AND

WHEREAS: The Original Contract calls for hydroseeding, centipede solid sod, and rockbags. The LPA desires to add grassing and vegetative mulch to be used for cost savings and ability to achieve desired results. Bermuda solid sod is desired by the LPA to be used along with centipede, due to the availability of Bermuda. The LPA has determined that erosion control can be accomplished with less rockbags: AND

WHEREAS: The Original Contract does not include potholing. The LPA has determined that it is necessary for construction progress and safety, to add requisite work – potholing/Utility Investigation due to the abundance of underground utilities: AND

WHEREAS: The Original Contract does not include 24" Branch Connections, Stub into Concrete Pipe. The LPA has determined that it is beneficial to add 24" Branch Connections in lieu of constructing large special design SS2 inlets and to better fit field conditions: AND

NOW, THEREFORE, It is mutually agreed by all parties that the following pay items be added to the project to complete the work. It is further agreed that payment for the added work shall be made per the pay items and unit prices shown below which shall be full and final compensation for all materials, labor, equipment, dependent items, overhead, profit, and other incidentals necessary to complete the work and that no adjustment to existing pay items and unit prices will be allowed due to work eliminated. It is assumed that the pay items will be considered non-participating and shall be the responsibility of the LPA.

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Pay Item	Description	Increase or Decrease	Unit	Unit Price	Amount
ADDED/INCREASED PAY ITEMS					
ADJUSTMENTS TO ORIGINAL SCOPE					
216-B001	Solid Sod, Bermuda	9,750.00	SY	\$10.00	\$97,500.00
223-A001	Mowing	1.00	ACRE	\$50.00	\$50.00
225-A001	Grassing	1.00	ACRE	\$1,366.46	\$1,366.46
225-C001	Vegetative Mulch	1.00	TON	\$496.89	\$496.89
907-403-B002	12.5-mm, MT, Asphalt Pavement, Leveling	930.00	TON	\$175.15	\$162,889.50
907-403-B005	19-mm, MT, Asphalt Pavement, Leveling	876.00	TON	\$175.15	\$153,431.40
603-SB030	24" Branch Connections, Stub into Concrete Pipe	4.00	EA	\$5,242.15	\$20,968.60
620-B001	Requisite Work - Mobilization and General Conditions Retaining Wall	1.00	LS	\$81,203.65	\$81,203.65
620-B001	Requisite Work - Potholing/Utility Investigation	300.00	HR	\$394.24	\$118,272.00
620-B001	Requisite Work - Absorbed Items Not Covered by Pay Items for Additional Retaining Wall Panels	1.00	LS	\$85,370.04	\$85,370.04
620-B001	Requisite Work - Additional Maintenance of Traffic Gluckstadt Intersection	1.00	LS	\$43,478.26	\$43,478.26
620-B001	Requisite Work - Message Board Monthly	10.00	MTH	\$4,347.82	\$43,478.20
620-B001	Requisite Work - Additional Extra Work Due to Gas Line Conflict	1.00	LS	\$16,525.64	\$16,525.64
TOTAL					\$825,030.64
DECREASED PAY ITEMS FROM ORIGINAL SCOPE					
203-EX021	Borrow Excavation	(17,000.00)	CY	\$31.50	(\$535,500.00)
203-G001	Excess Excavation	(7,500.00)	CY	\$22.00	(\$165,000.00)
216-B002	Solid Sod, Centipede	(9,750.00)	SY	\$10.00	(\$97,500.00)
227-A001	Hydroseeding	(1.00)	ACRE	\$7,887.00	(\$7,887.00)
246-B001	Rockbags	(500.00)	EA	\$42.00	(\$21,000.00)
TOTAL					(\$826,887.00)
ADDED FOR REUNION INTERSECTION PAVING					
403-A002	12.5-mm, MT, Asphalt Pavement	407.00	TON	\$129.84	\$52,844.88
403-A005	19-mm, MT, Asphalt Pavement	264.00	TON	\$142.00	\$37,488.00
403-A014	9.5-mm, MT, Asphalt Pavement	1,701.00	TON	\$150.00	\$255,150.00
407-A001	Asphalt for Tack Coat	948.00	GAL	\$11.00	\$10,428.00
609-D012	Combination Concrete Curb and Gutter Type 3A Modified	1,620.00	LF	\$40.00	\$64,800.00
626-A004	6" Thermoplastic Traffic Stripe, Skip White	0.06	MI	\$3,612.00	\$216.72

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626-C004	6" Thermoplastic Edge Stripe, Continuous White		0.78	MI	\$6,261.00	\$4,883.58
626-E003	6" Thermoplastic Traffic Stripe, Continuous Yellow		5,104.00	LF	\$1.25	\$6,380.00
626-F003	6" Thermoplastic Edge Stripe, Continuous Yellow		0.08	MI	\$6,261.00	\$500.88
626-G002	Thermoplastic Detail Stripe, White		5,896.00	LF	\$1.25	\$7,370.00
626-G003	Thermoplastic Detail Stripe, Yellow		3,306.00	LF	\$1.25	\$4,132.50
626-H004	Thermoplastic Legend, White		850.00	SF	\$12.00	\$10,200.00
626-H005	Thermoplastic Legend, White		1,550.00	LF	\$6.00	\$9,300.00
627-K001	Red-Clear Reflective High Performance Raised Markers		268.00	EA	\$24.00	\$6,432.00
627-L001	Two-Way Yellow Reflective High Performance Raised Markers		380.00	EA	\$24.00	\$9,120.00
TOTAL						\$479,246.56

ADDED FOR PHASE 2 BOX CULVERT EXTENSION						
601-A001	Class B Structural Concrete		170.00	CY	\$3,213.00	\$546,210.00
602-A001	Reinforcing Steel		31,130.00	LBS	\$0.50	\$15,565.00
618-A001	Maintenance of Traffic - Box Culvert Extension		1.00	LS	\$251,545.61	\$251,545.61
620-B001	Requisite Work - Additional Cost for Box Culvert Installation not Covered in Unit Price		1.00	LS	\$116,815.69	\$116,815.69
699-A001	Roadway Construction Stakes - Box Culvert Extension		1.00	LS	\$62,176.17	\$62,176.17
815-A008	Loose Riprap, Size 300		308.89	SY	\$145.00	\$44,788.89
815-F001	Sediment Control Stone		102.96	CY	\$250.00	\$25,740.74
TOTAL						\$1,062,842.10

Difference in Cost = \$1,540,232.30

Original Contract Amount: \$38,626,968.00
Increased by Supplemental Agreement #1: \$1,540,232.30

Revised Contract Amount: \$40,167,200.30

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An Additional 60 Working Days will be added to the Original Contract Time of 386 Working Days for a Revised Contract Time of 446 Working Days.

This agreement in no way modifies or changes the original contract of which it becomes a part, except as specifically stated herein.

This Supplemental Agreement has been discussed with (Tillery) District LPA Coordinator, (Love) MDOT Construction Area Engineer, and (Young) MDOT LPA Division.
{Note: other divisions should be listed based on subject matter of the agreement as directed by the LPA Coordinator}

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NOW, THEREFORE, WE, Hemphill Construction Co., Inc., Contractor, and Federal Insurance Company, Surety, hereby agree to said Supplemental Agreement consisting of the above mentioned items and prices and agree that this Supplemental Agreement is hereby made a part of the original contract to be performed under specifications thereof, and that the original contract is in full force and effect, except insofar as it might be modified by this Supplemental Agreement.

Dated, this ___ day of _____, 20__.

Surety Contractor

By: _____
Date Date

RECOMMENDED FOR APPROVAL:

LPA Project Engineer/Architect Date

MDOT District Engineer Date

MDOT State Construction Engineer Date *

MDOT Executive Director Date *
for the Mississippi Transportation Commission Book _____ Page _____

APPROVED:

LPA OFFICIAL Date

* {concurrence only for Supplemental Agreements adding a "stand-alone" time extension or exceeding \$250,000}

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SUPPLEMENTAL SHEET

DETAIL EXPLANATION OF NECESSITY OF WORK INVOLVED:

The steel piles have been installed as shown on the plans. The area north of the wall end is called to be sloped back to the ROW line. In order to reduce undue burden to the adjacent land owner and to provide a buffer between the ROW line and top of slope, the LPA desires to add more length and height to the wall. This will allow a less intrusive slope to the adjacent property, resulting in a more suitable long term solution. The total additional length of wall needed is approximately 30'. This will allow the ground to be constructed on a shorter and flatter slope and not cause excessive impact to adjacent property.

Plans call for the existing road to be undercut and reconstructed with borrow excavation from 170+00 to the EOP, including the Gluckstadt Rd. intersection. It has been determined by the LPA that the desired end result can be achieved without reconstructing the road but instead using asphalt leveling. This would eliminate the need to shut the intersection down to reconstruct which is very important due to the amount of traffic through this area. This change would result in a reduction of borrow excavation.

Subsequent to this project beginning, ROW for the County funded Phase 2 Bozeman project was acquired in the area of the double 14'x'12 box culvert. The LPA desires to extend the box to the final Phase 2 length. This saves money by not installing wingwalls, parapet, and apron that would be torn out shortly after this project to then extend the box further to the east during Phase 2. The money allocated for the box culvert in Phase 2 will be transferred to Phase 1.

Potholing was not originally included in the plans, but it is desired by the LPA for safety and to keep on schedule by avoiding conflicts. Utilities were relocated, but the abandoned lines are left in place. 811 marks all lines, abandoned or not, so it is difficult to determine which utility is actually in conflict or not without visually identifying them in conjunction with the utility company.

JUSTIFICATION OF UNIT PRICES SUBMITTED:

Proposed prices were provided by the contractor. Those costs were compared with costs associated with other segments of roadway that were part of the original contract and were found to be acceptable.

Project Professional

LPA Official

QUANTITY ADJUSTMENT

- 1. QUANTITY ADJUSTMENT NO. 1
- 2. DATE: 2/12/26
- 3. PROJECT NO. STP-6985-00(001) / 106993701000
- 4. LPA: MADISON COUNTY
- 5. COUNTY: MADISON
- 6. The following changes on the above project with stations, quantities, and items involved are recommended for the reasons stated in detail:

Pay Item	Description	Previous Quantity	Revised Quantity	Increase or Decrease	Unit	Unit Price	Amount
203-EX021	Borrow Excavation	136,500.00	119,500.00	(17,000.00)	CY	\$31.50	(\$535,500.00)
203-G001	Excess Excavation	102,560.00	95,060.00	(7,500.00)	CY	\$22.00	(\$165,000.00)
216-B001	Solid Sod, Bermuda	0.00	9,750.00	9,750.00	SY	\$10.00	\$97,500.00
216-B002	Solid Sod, Centipede	19,500.00	9,750.00	(9,750.00)	SY	\$10.00	(\$97,500.00)
223-A001	Mowing	0.00	1.00	1.00	ACRE	\$50.00	\$50.00
225-A001	Grassing	0.00	1.00	1.00	ACRE	\$1,366.46	\$1,366.46
225-C001	Vegetative Mulch	0.00	1.00	1.00	TON	\$496.89	\$496.89
227-A001	Hydroseeding	1.00	0.00	(1.00)	ACRE	\$7,887.00	(\$7,887.00)
246-B001	Rockbags	1,000.00	500.00	(500.00)	EA	\$42.00	(\$21,000.00)
*403-A002	12.5-mm, MT, Asphalt Pavement	10,411.00	10,818.00	407.00	TON	\$129.84	\$52,844.88
*403-A005	19-mm, MT, Asphalt Pavement	16,020.00	16,284.00	264.00	TON	\$142.00	\$37,488.00
*403-A014	9.5-mm, MT, Asphalt Pavement	7,520.00	9,221.00	1,701.00	TON	\$150.00	\$255,150.00
907-403-B002	12.5-mm, MT, Asphalt Pavement, Leveling	0.00	930.00	930.00	TON	\$175.15	\$162,889.50
907-403-B005	19-mm, MT, Asphalt Pavement, Leveling	0.00	876.00	876.00	TON	\$175.15	\$153,431.40
*407-A001	Asphalt for Tack Coat	3,500.00	1,400.00	948.00	GAL	\$11.00	\$10,428.00
601-A001	Class B Structural Concrete	1,380.00	1,550.00	170.00	CY	\$3,213.00	\$546,210.00
602-A001	Reinforcing Steel	291,214.00	322,344.00	31,130.00	LBS	\$0.50	\$15,565.00
603-SB030	24" Branch Connections, Stub into Concrete Pipe	0.00	4.00	4.00	EA	\$5,242.15	\$20,968.60
*609-D012	Combination Concrete Curb and Gutter Type 3A Modified	31,230.00	32,850.00	1,620.00	LF	\$40.00	\$64,800.00
618-A001	Maintenance of Traffic - Box Culvert Extension	1.00	1.00	1.00	LS	\$251,545.61	\$251,545.61
620-B001	Requisite Work - Mobilization and General Conditions Retaining Wall	1.00	1.00	1.00	LS	\$81,203.65	\$81,203.65
620-B001	Requisite Work - Potholing/Utility Investigation	0.00	300.00	300.00	HR	\$394.24	\$118,272.00
620-B001	Requisite Work - Absorbed Items Not Covered by Pay Items for Additional Retaining Wall Panels	0.00	1.00	1.00	LS	\$85,370.04	\$85,370.04
620-B001	Requisite Work - Additional Maintenance of Traffic Gluckstadt Intersection	0.00	1.00	1.00	LS	\$43,478.26	\$43,478.26
620-B001	Requisite Work - Message Board Monthly	0.00	10.00	10.00	MTH	\$4,347.82	\$43,478.20
620-B001	Requisite Work - Additional Extra Work Due to Gas Line Conflict	0.00	1.00	1.00	LS	\$16,525.64	\$16,525.64
620-B001	Requisite Work - Additional Cost for Box Culvert Installation not Covered in Unit Price	0.00	1.00	1.00	LS	\$116,815.69	\$116,815.69
*626-A004	6" Thermoplastic Traffic Stripe, Skip White	4.00	4.06	0.06	MI	\$3,612.00	\$216.72
*626-C004	6" Thermoplastic Edge Stripe, Continuous White	5.00	5.78	0.78	MI	\$6,261.00	\$4,883.58
*626-E003	6" Thermoplastic Traffic Stripe, Continuous Yellow	10,808.00	15,912.00	5,104.00	LF	\$1.25	\$6,380.00
*626-F003	6" Thermoplastic Edge Stripe, Continuous Yellow	4.00	4.08	0.08	MI	\$6,261.00	\$500.88

*626-G002	Thermoplastic Detail Stripe, White	16,303.00	22,199.00	5,896.00	LF	\$1.25	\$7,370.00	
*626-G003	Thermoplastic Detail Stripe, Yellow	14,293.00	17,599.00	3,306.00	LF	\$1.25	\$4,132.50	
*626-H004	Thermoplastic Legend, White	2,094.00	2,944.00	850.00	SF	\$12.00	\$10,200.00	
*626-H005	Thermoplastic Legend, White	2,880.00	4,430.00	1,550.00	LF	\$6.00	\$9,300.00	
*627-K001	Red-Clear Reflective High Performance Raised Markers	710.00	978.00	268.00	EA	\$24.00	\$6,432.00	
*627-L001	Two-Way Yellow Reflective High Performance Raised Markers	375.00	755.00	380.00	EA	\$24.00	\$9,120.00	
699-A001	Roadway Construction Stakes - Box Culvert Extension	1.00	1.00	1.00	LS	\$62,176.17	\$62,176.17	
815-A008	Loose Riprap, Size 300	939.00	1,247.89	308.89	SY	\$145.00	\$44,788.89	
815-F001	Sediment Control Stone	100.00	202.96	102.96	CY	\$250.00	\$25,740.74	
TOTAL								\$1,540,232.30

REASONS:

203-G001, 203-EX021, 907-403-B002, 907-403-B005, 620-B001: Asphalt leveling at Gluckstadt Rd. intersection instead of undercutting the intersection and rebuilding.

216-B001, 216-B002, 223-A001, 225-A001, 225-C001, 227-A001, 246-B001: Grassing and Vegetative mulch to be used in lieu of hydroseed to save money and provide desired result. Bermuda solid sod desired to be used along with centipede solid sod. Rockbags can be decreased and erosion control provided with other pay items. Mowing added for grassing pay item.

601-A001, 602-A001, 618-A001, 620-B001, 699-A001, 815-A008, 815-F001: Needed for extension of concrete box culvert.

620-A001, 620-B001: Steel pile retaining wall desired to be extended approximately 30'.

620-B001: Potholing needed in order to assure no unsafe conflict with utility lines that would lead to time delays and extra costs.

620-B001: Message Board Monthly needed to be in place for temporary lane shift at 14x12 box.

*** : Adjusted quantities to meet field conditions.**

