

ADDENDUM NO. 1

DARKE COUNTY BOARD OF COMMISSIONERS Darke County Board of DD Parking Lot Improvements March 20, 2020

To: Planholders

From: Mote & Associates, Inc.
214 West Fourth Street
Greenville, Ohio 45331

Phone: (937) 548-7511
Fax: (937) 548-7484
E-mail: info@moteassociates.com

Re: Darke County Board of Commissioners
Darke County Board of DD Parking Lot Improvements

This Addendum forms a part of the Contract Documents and modifies the original Contract Documents dated February 2020. Acknowledge receipt of this Addendum in the space provided on the Bid Proposal form. Failure to do so may subject the Bidder to disqualification.

CHANGES/CLARIFICATIONS TO THE BIDDING DOCUMENTS:

1. Section 00 41 43, Bid Form

- A. Item No. 441 – Asphalt Concrete Surface shall be deleted and replaced with 32 12 18 Asphalt Paving – Darke 404-LV.
- B. Alternate Bid ‘A’ – An Alternate Bid option has been provided to utilize paving fabric in lieu of single chip seal. It is not required to provide a bid for this Alternate.

The “Revised Bid Form” is attached hereto to reflect these changes and shall be utilized with the proposal forms submitted for a responsive bid.

CHANGES/CLARIFICATIONS TO THE TECHNICAL SPECIFICATIONS:

2. Section 32 05 20, Paving Fabric

This Technical Specification is attached hereto for use with Bid Alternate ‘A’.

CHANGES/CLARIFICATIONS TO THE CONSTRUCTION PLANS:

3. Asphalt Overlay Detail – Alternate Bid ‘A’

A typical detail for Alternate Bid ‘A’ is attached.

GENERAL CLARIFICATIONS:

4. All striping widths to be 4", typical.
5. Pull in parking space widths shall be 9 ½' – 10' wide. Any exceptions shall be approved by the Engineer and Owner.
6. The striping and symbols for the bike path shall be provided by others and not included in the lump sum bid for Pavement Markings.

End of Addendum

Attachments: Section 00 41 43, Revised Bid Form
Section 32 05 20, Paving Fabric
Asphalt Overlay Detail – Alternate Bid 'A'
Pre-Bid Meeting Minutes & Sign-In Sheet

REVISED BID FORM

00 41 43

ARTICLE 1 - BID RECIPIENT

- 1.01 This Bid is submitted to: **[Darke County Board of Commissioners, 520 South Broadway, Greenville, Ohio, 45331]**
- 1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 - BIDDER'S ACKNOWLEDGEMENTS

- 2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

ARTICLE 3 - BIDDER'S REPRESENTATIONS

- 3.01 In submitting this Bid, Bidder represents that:
 - A. Bidder has examined and carefully studied the Bidding Documents, and any data and reference items identified therein, and hereby acknowledges receipt of the following Addenda:

<u>Addendum No.</u>	<u>Addendum, Date</u>
_____	_____
_____	_____
_____	_____
 - B. Bidder has visited the Site, conducted a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and satisfied itself as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
 - C. Bidder is familiar with and has satisfied itself as to all Laws and Regulations that may affect cost, progress, and performance of the Work.
 - D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or adjacent to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, especially any Technical Data in such reports and drawings, and (2) reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, especially any Technical Data in such reports and drawings.
 - E. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and any Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder; and (3) Bidder's safety precautions and programs.

- F. Bidder agrees, based on the information and observations referred to in the preceding paragraph, that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.
- G. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and confirms that the written resolution thereof by Engineer is acceptable to Bidder.
- I. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance and furnishing of the Work.
- J. The submission of this Bid constitutes an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article, and that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work as required.
- K. Bidder agrees that the contracting authority reserves the right to reject any or all bids, to waive any informalities or irregularities in the bids received, and to accept that bid which is considered lowest and to the best interest of the Owner.

ARTICLE 4 - BIDDER'S CERTIFICATION

4.01 Bidder certifies that:

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;
- B. Bidder has not directly or indirectly induced or solicited any Bidders to submit a false or sham Bid;
- C. No person interested in this Proposal is directly or indirectly interested in or connected with any other bid or proposal for the said work and no member of the Darke County Board of Commissioners is directly or indirectly interested therein, or in any portion thereof, and he will, if required by the Darke County Board of Commissioners, execute and submit from himself as Principal Contractor and from any Subcontractor, the non-collusion affidavits as provided herein.
- D. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- E. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:
 1. "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process;
 2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
 3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
 4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence participation in the bidding process or execution of the Contract.

ARTICLE 5 - BASIS OF BID

- 5.01 Bidder agrees that any item not specifically shown or called out on the plans or within the specifications, but is required to complete the work in place and fully operational, shall be included in the Unit Price Bid item of which it is most closely associated for a complete and fully operational project.
- 5.02 Bidder will complete the Work in accordance with the Contract Documents for the following prices and will contract to do all the work and furnish all the materials called for by said plans and specifications, and in consideration thereof, to accept from the Owner as full payment for the completion of all items and any required maintenance thereof as hereinafter provided, for the following prices;

PARKING LOT IMPROVEMENTS – BASE BID

Item No.	Description	Est. Qty.	Unit	Unit Price	Total Unit Price
203	Excavation – As Per Plan	235	C.Y.		
204	Subgrade Compaction and Proof Rolling	698	S.Y.		
253	Pavement Base Repair, As Per Plan	120	S.Y.		
254	Pavement Planing – Asphalt	410	S.Y.		
304	Aggregate Base	176	C.Y.		
407	Non-Tracking Tack Coat	50	Gal.		
422	Single Chip Seal, As Per Plan	6,541	S.Y.		
441	Asphalt Concrete, Intermediate	75	C.Y.		
611	2-2B Catch Basin	2	Each		
611	12” Conduit (707.33)	10	L.F.		
630	Handicap Parking Sign and Post	1	Lump		
630	Handicap Parking Sign and Post Relocated	1	Lump		
642	Pavement Markings (without bike path)	1	Lump		
32 12 18	Asphalt Paving – Darke 404-LV	244	C.Y.		
Spec.	12” Insert-Tee Connection	1	Each		
Spec.	Parking Blocks Removed and Reinstalled	59	Each		
Spec.	New Parking Blocks, As Per Plan	18	Each		
Total Base Bid:				\$	

Total Base Bid (in words): _____

PARKING LOT IMPROVEMENTS – ALTERNATE BID ‘A’

Item No.	Description	Est. Qty.	Unit	Unit Price	Total Unit Price
203	Excavation – As Per Plan	235	C.Y.		
204	Subgrade Compaction and Proof Rolling	698	S.Y.		
253	Pavement Base Repair, As Per Plan	120	S.Y.		
254	Pavement Planing – Asphalt	410	S.Y.		
304	Aggregate Base	176	C.Y.		
407	Non-Tracking Tack Coat	1,674	Gal.		
441	Asphalt Concrete, Intermediate	211	C.Y.		
611	2-2B Catch Basin	2	Each		
611	12” Conduit (707.33)	10	L.F.		
630	Handicap Parking Sign and Post	1	Lump		
630	Handicap Parking Sign and Post Relocated	1	Lump		
642	Pavement Markings (without bike path)	1	Lump		
32 05 20	Paving Fabric	6,541	S.Y.		
32 12 18	Asphalt Paving – Darke 404-LV	161	C.Y.		
Spec.	12” Insert-Tee Connection	1	Each		
Spec.	Parking Blocks Removed and Reinstalled	59	Each		
Spec.	New Parking Blocks, As Per Plan	18	Each		
Total Alternate Bid ‘A’:				\$	

Total Alternate Bid ‘A’ (in words):

Bidder acknowledges that:

- (1) Each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor’s overhead and profit for each separately identified item;
- (2) Estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price bid items will be based on actual quantities, determined as provided in the Contract Documents;
- (3) The Owner reserves the right to add or delete such quantities within the scope of the project as deemed necessary without in any way invalidating the Unit Prices bid.
- (4) If this Proposal shall be accepted, Bidder will be prepared to discuss with the Owner, in detail any matters relating to special features and the methods proposed to be followed for the general conduct of the work, that within ten (10) days after “Notice of Award” the Contract Form with the Owner, for performance of the work will be completed and Bidder will furnish a Contract Bond or a Performance and Payment Bond in an amount not less than one hundred percent (100%) of the total bid amount, and with sureties subject to the approval of

the Owner, as a guarantee of the faithful performance of this Contract; and that Bidder will also submit the required insurance policies.

ARTICLE 6 - TIME OF COMPLETION

- 6.01 Bidder agrees that the Work will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before **June 30, 2020**.
- 6.02 Bidder accepts the provisions of the Agreement as to liquidated damages in the amount of **\$1,000.00** for every consecutive day after the stated date in the Notice to Proceed and along with any time extension given per a Change Order and it may be retained from the monies which may be due.

ARTICLE 7 - ATTACHMENTS TO THIS BID

- 7.01 The following documents are submitted with and made a condition of this Bid:
 - A. Required bid security consisting of a _____ (Bond or Check) in the sum of \$_____ of the total bid amount accompanies this Proposal and the undersigned agrees that should he, after notice of "Award of Contract" fail to execute the Contract and Contract Bond as aforesaid, that his Certified Check or Bid Bond accompanying this Proposal shall be forfeited to the Darke County Board of Commissioners as liquidated damage caused by such failure.
 - B. Affidavit for Corporation;
 - C. Required Bidder Qualification Statement with supporting data;
 - D. List of Proposed Subcontractors; and
 - E. Non-Collusion Affidavit.

ARTICLE 8 - DEFINED TERMS

- 8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 9 – BID SUBMITTAL

BIDDER: *[Indicate correct name of bidding entity]*

By: *[Signature]* _____

[Printed name] _____

(If Bidder is a corporation, limited liability company, partnership or joint venture, attach evidence of authority to sign.)

Address for giving notices:

Telephone Number: _____

Fax Number: _____

Contact Name and e-mail address: _____

Bidder's Federal ID No.: _____

PAVING FABRIC
32 05 20

PART ONE

1.01 General

- A. This document covers general installation of overlay paving fabric for asphalt paved surfaces.
- B. Where contradictions occur, follow the instructions of the Engineer.

PART TWO

2.01 Equipment

- A. The overlay fabric can be installed with a mechanical unit that is mounted on the front bucket of a tractor or backhoe.
 - 1.) Any mechanical or manual equipment should be capable of laying down the paving fabric smoothly.
- B. Required Tools:
 - 1.) Stiff bristle brooms or squeegees to smooth the fabric.
 - 2.) Scissors or blades to cut the fabric.
 - 3.) Brushes for applying asphalt sealant.

PART THREE

3.01 Prepare Surface

- A. Thoroughly clean the existing pavement by removing all dirt, water, oil and foreign materials.
- B. Cracks with widths greater than 1/8 inch must be filled with an approved crack sealant and all potholes repaired as directed and approved by the Engineer.

PART FOUR

4.01 Seal & Apply Tack Coat

- A. Preferred tack coat:
 - 1.) Uncut asphalt cement is the preferred tack coat to impregnate, seal and bond the paving fabric to the pavement.
 - a.) Uncut asphalt cement is preferred because it develops adhesive strength in a quicker manner.

- b.) Cut-back grade asphalt or emulsions which contain solvents are not recommended as tack coat.
- B. Air and pavement temperatures during installation must be at least 50°F and rising for asphaltic cement or 60°F and rising for heavier grade emulsions.
- C. Apply the tack coat at or above the recommended application temperatures of 140°F for asphaltic cement and 160°F for heavier grade emulsions.
 - 1.) The tack coat temperature must not exceed 325°F.
- D. The application rate of the tack coat depends on the porosity of the existing pavement.
 - 1.) Apply the tack coat at a distribution range of 0.20 gal/sy to .30 gal/sy.
 - 2.) Use a calibrated distributor truck to assure the specified tack rate.
- E. Apply the tack coat 6 inches wider than the width of the paving fabric rolls.

PART FIVE

5.01 Place Paving Fabric

- A. If emulsions are used, allow any water to evaporate before installing the paving fabric.
- B. Place the fabric with the untreated (fuzzy) side against the existing pavement while the tack coat is still tacky.
 - 1.) Calendared side is facing up.
- C. Make sure fabric is smooth and straight.
- D. Overlapping fabric:
 - 1.) For sharp corners or curves, slice fabric and overlap ends in the direction of the paving operation.
 - 2.) When a transverse joint is required, overlap the fabric 4 to 6 inches in the direction of the paving operation.
 - 3.) Overlap longitudinal joints 2 to 4 inches.
 - 4.) Apply additional tack coat to any joints to insure proper bonding.
- E. After fabric placement, proceed with standard paving operation.

5.02 Notes for Applications over Milled Surfaces

- A. The fabric must be broomed or pneumatically rolled into place.
- B. The surface needs to be clean and dry.
 - 1.) Broom or air blow surface to eliminate dust and cuttings.
- C. Apply tack coat 10% to 15% heavier than a standard overlay application.
 - 1.) If site conditions require milling deeper than the minimum necessary to remove surface ruts, AC thickness may need to be increased more than 15%.

- D. Place a minimum of 1.25 inches compacted asphalt overlay on all surfaces including the curb areas.
- E. If milling has penetrated areas below the asphalt surface, these areas should be restored with hot mix asphalt.
 - 1.) If surface has deeper grooves with near vertical faces, sharp or vertical edges, faulted joints, etc., place a dense grade hot mix asphalt leveling course before application of paving fabric.

PART SIX

6.01 Storage

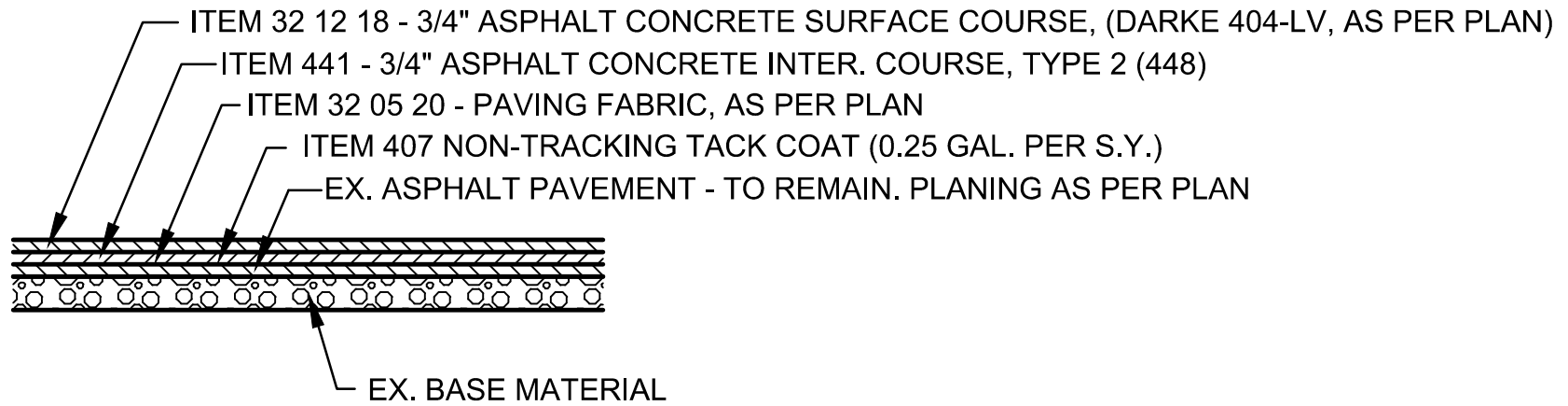
- A. Paving fabric rolls are wrapped in a UV protective cover.
- B. If stored outdoors for a prolonged period, elevate the overlay fabric from the ground and cover with a tarpaulin or opaque plastic.
 - 1.) Contractor must insure rolls are adequately protected from:
 - a.) Moisture.
 - b.) Ultraviolet radiation.
 - c.) Chemicals that are strong acids or bases.
 - d.) Temperatures in excess of 140°F.
 - e.) Animal destruction.

PART SEVEN

7.01 Acceptable Material

- A. Geotextile like Tensar GlasPave 25, meets or exceeds standard of AASHTO T283-07 and ASTM D7239, or approved equal.
- B. Install in strict accordance with manufacturer's written installation instructions.
- C. Submit Technical Data Sheet for Owner's and Engineer's approval prior to placement.

End of Section



ASPHALT OVERLAY DETAIL - ALTERNATE 'A'

NO SCALE

ESTIMATED QUANTITIES

ITEM 254 - PAVEMENT PLANING - ASPHALT	410 S.Y.
ITEM 407 - NON-TRACKING TACK COAT	1,635 GAL.
ITEM 32 05 20 - PAVING FABRIC, AS PER PLAN	6541 S.Y.
ITEM 441 - ASPHALT CONCRETE - INTERMEDIATE	136 C.Y.
ITEM 32 12 18 - ASPHALT CONCRETE - SURFACE (DARKE 404-LV)	136 C.Y.



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DARKE COUNTY BOARD OF COMMISSIONERS
Darke County Board of DD Parking Lot Improvements

Pre-Bid Meeting

Date: March 11, 2020 Time: 10:00 A.M.

MINUTES

1. Introductions – ***Darren Reeves introduced the Owners and Mote & Associates staff.***

The following was indicated at the meeting:

2. Bid Date: Wednesday, March 25, 2020
 - Bids due at 1:00 P.M. at the Darke County Board of Commissioners, Administration Bldg., 520 South Broadway, Greenville, Ohio.
 - Publicly open bids at 1:30 P.M. during Commission Session.
 - Bidders must be a registered plan holder.
 - Bid bond and 100% performance bond per Ohio Revised Code for public bidding.
3. Addendum(s) will be issued at least 72 hours prior to bid. All questions must be received by Thursday, March 19, 2020 at 5:00 P.M.
4. Contract
 - Bids valid for 60 days.
 - Anticipated award sooner.
 - Owner has the right to accept or reject any/all bids.
5. Scope of work – Plan changes to date – Clarifications
 - All striping widths to be 4" typical.
 - Pull in parking space widths shall be 9 ½' – 10' wide. Any exceptions shall be approved by the Engineer and Owner.
 - The striping for the bike path shall be provided by others.
 - ***It was discussed at the meeting by Darren Reeves Item No. 441 Asphalt Surface is to be 32 12 18 Darke 404-LV.***
6. Bid under one general contract.
 - Subcontractors.
 - Proper disposal of all demolition debris.
7. Owner's contact for project work:
 - Michael Beasecker, Superintendent, Darke Co. Board of DD
 - Tonya Clark, Business Services Director, Darke Co. Board of DD
8. Sequence of work – ***Need construction schedule with sequencing submitted to Engineer by the Pre-Construction Meeting.***



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9. Utilization of site – Owner is not providing any electrical or usage inside the facility (i.e., restrooms, use of space for field office, etc.).
10. Coordinate with Darke County Parks for the closure and reopening of the bike path.
11. South portion of parking lot is currently employee and client parking. Coordinate with the Owner the area to be used for 30 parking spaces during construction.
12. Schedule – ***Completion date is on or before June 30, 2020. Darren Reeves asked the Contractors if they had any issues with this date and they responded no.***
13. Owner’s comments - ***None***
14. Engineer’s comments. Construction Staking by Mote.
15. Contractor’s questions.
 - ***Will there be heavy traffic?***
Answer: No, mainly personal vehicles.
 - ***Why chip seal?***
Answer: For reflective cracking.
 - ***Has there been problems with MC 3000 bleeding through?***
Answer: It has been used on other Mote & Associate projects with no problems.
 - ***Will there be contingency for extra pipe at catch basins?***
Answer: No, this is considered an incidental.
16. Following the pre-bid meeting, Contractors are welcome to walk the project site facility – ***No one walked the site.***



Mote & Associates

Engineering, Land Surveying

PRE-BID CONFERENCE

Darke County Board of DD
Parking Lot Improvements

Sign-In Sheet

Date: Tuesday, March 11, 2020

Time: 10:00 A.M.

	<u>Attendees:</u>	<u>Representing:</u>	<u>Phone Number:</u>
1.	<u>TOM BOYEN</u>	<u>MOTE & ASSOCIATES</u>	<u>548-7511</u>
2.	<u>Garin Bixler</u>	<u>Brumbaugh Construction</u>	<u>937-692-5107</u>
3.	<u>MIGUEL BOCANEGRA</u>	<u>WALLS BROS ASPHALT</u>	<u>937-417-8647</u>
4.	<u>Tonya Clark</u>	<u>Darke DD</u>	<u>937-459-4602</u>
5.	<u>Darren Reeves</u>	<u>Mote & Associates</u>	<u>937-423-0112 (cell)</u>
6.	_____	_____	_____
7.	_____	_____	_____
8.	_____	_____	_____
9.	_____	_____	_____
10.	_____	_____	_____
11.	_____	_____	_____
12.	_____	_____	_____