

LEGAL NOTICE

Bids will be received by the Champaign County Commissioners via Bid Express (bidexpress.com) until **February 18th, 2021 at 10:15am** for the installation of an asphalt overlay & road widening on Brush Lake Road from Middletown Road to Urbana Woodstock Pike in Wayne & Rush Township, Champaign County, Ohio. Bids shall be accompanied by a bid guaranty bond in the amount of 100% of the bid or a certified check, cashier's check or letter of credit in the amount of 10% of the bid in accordance with ORC 153.54. Bids shall be submitted through Bid Express for the solicitation titled "Brush Lake Road Paving 2021". Specifications are on file at the office of the Champaign County Engineer, 428 Beech Street, Urbana, Ohio 43078 and on the engineer's website at <http://engineer.co.champaign.oh.us/>

The Champaign County reserves the right to reject any or all bids.

Board of Commissioners
Champaign County

By: Stephen McCall, PE, PS
County Engineer

INTENT TO BID

It is requested that all prospective bidders return this form upon receiving the project or equipment specifications.

Re: **Brush Lake Road Paving 2021**

We have received the specifications and intend to respond as follows:

- We are interested and intend to bid on this project.
- We do not intend to bid on this project, but would like to receive invitations on similar future projects.
- We would like to be removed from your bidders list.

Company: _____

Address: _____

Contact: _____

Phone: _____ Fax _____

Email: _____

Please return this completed form to us by fax or email:

FAX: (937) 653-3172
EMAIL: engineer@co.champaign.oh.us

**Specifications for Widening and Surface Improvements of
Brush Lake Road from Middletown Road to Urbana Woodstock Pike in Wayne & Rush
Township in Champaign County, Ohio.**

General Conditions

Scope: It is the intent of these specifications to describe the materials and methods required to resurface and widen Brush Lake Road. The extent of the project will correspond with the limits as provided with the plan schematic included with this project.

The work consists of, and the contractor will be paid for: planing pavement at intersecting roadways including butt joints, applying an asphaltic concrete base and surface course as directed by the County, placing stabilized crushed aggregate berm, paint striping, and traffic control.

Supervision: Work shall be performed under the supervision of the County Engineer or his designated representative. Determination of the methods to be used to obtain the specified results, direction of the contractor's employees and operation of equipment shall rest with the contractor.

Safety: The contractor shall operate in a safe manner at all times. Equipment shall be in good operating condition with all guards and protective devices in place and in working condition. Items such as steps, walkways and railings shall be in good condition. Personal safety equipment shall be furnished and issued by the contractor as required. He shall further see to it that this equipment is used and that his employees work in a safe manner. The Champaign County Engineer's Safety Policy Manual shall apply to this project. The Contractor will be required to sign the provided Acknowledgment/agreement form.

Liability: The Contractor shall carry Workman's Compensation, public liability, personal liability, and property damage insurance. The Contractor shall furnish satisfactory evidence of insurance coverage to the maximum extent of \$5,500,000.00 bodily injury and \$5,100,000.00 property damage to insure adequate payment for any damage caused by their operations.

Tax payment: The Contractor shall furnish a statement regarding personal property tax, on the provided form, in accordance with section 5719.042 O.R.C.

Bid and Performance Bonds: Bids shall be accompanied by a bid guaranty bond in the amount of 100% of the bid or a certified check, cashier's check, or letter of credit in the amount of 10% of the bid in accordance with section 153.54 O.R.C. If a certified check, cashier's check or letter of credit is submitted with the bid, then the successful bidder will be required to provide a performance bond in the amount of 100% of the bid at the time the contract is signed. The address and telephone number of the bonding company and agent must be included with all bid guaranty bonds and performance bonds.

Wages: This job is subject to Ohio prevailing wage rates which are part of these specifications. Wage rates can be viewed at the State of Ohio Department of Commerce web site.

Contractor Qualifications: Bids are solicited only from contractors qualified to perform this type of work and who have successfully complete similar work. The successful bidder shall furnish evidence of his ability to perform this type of work. The contractor awarded the contract will have to submit an approved ODOT job mix formula for the specified asphalt.

Materials Testing: All materials used in this work are subject to testing for compliance with the specifications. Tests will be performed at the County's option and expense. The contractor will cooperate to the extent necessary in supplying the requested samples or making the material available.

Asphalt Binder Price Adjustment: Section 401.20 will not apply to these specifications. No placing index factor will be applied to adjust the price for asphalt binders.

Sub-contracting: The contractor shall not sub-contract more than 40% of the dollar value of the project. If the contractor intends to use sub-contractors, they shall be named on the bid along with the work it is intended for them to perform. They shall be subject to the same qualification requirements as the contractor. The contractor shall be responsible for all actions and performance by his sub-contractors including the payment of prevailing wages and the submission of payrolls.

Work Dates: **Work shall begin after June 7, 2021 and be completed with the road opened to traffic by August 13, 2021.** In accordance with Sections 108.06, 108.07, 108.08, 108.09 and 108.10 liquidated damages in the amount of \$500.00 per day will be assessed for each calendar day the project is not completed. However, all asphalt must be placed in conformance with weather limitations of 401.05.

Termination of Contract: The County Engineer may terminate the contract for the convenience of the County at any time. The Engineer may, by written instruction to the contractor, decrease or increase the quantity of any item or portions of a contract, and the Engineer shall authorize payment to the contractor for the reasonable cost incurred, in connection with such item or portions, prior to the date of such decrease or cancellation made by order of the Engineer.

Finding for Recovery: An award will not be made to any bidder, including the lowest and best bidder or the lowest responsive and responsible bidder against whom a finding for recovery has been issued by the Ohio Auditor of State, if the finding for recovery is unresolved, as provided in Section 9.24 of the Ohio Revised Code, whether or not it is clear that any funds used in this project could be deemed to be Astate funds. A bidder with an unresolved finding for recovery shall be deemed not a best bid or not a responsible bid.

Affidavit of Compliance with O.R.C. 3517.13: Ohio Revised Code Section 3517.13(I)(3) and (J)(3) requires that no agency or department of this state or any political subdivision shall enter into any contract for the purchase of goods costing more than five hundred dollars or services costing more than five hundred dollars with a corporation, individual, partnership or other association organized under Chapter 1785 of the Revised Code, estate, or trust unless the contract includes a certification that the individuals named in Revised Code Sections 3517.13(I)(1) and (J)(1) are in compliance with the aforementioned provisions. The offeror is required to complete the attached AFFIDAVIT OF COMPLIANCE WITH OHIO REVISED CODE SECTION 3517.13. Failure to submit the required affidavit with the proposal/bid pack will deem the offeror's response to be non-responsive and disqualified from receiving further consideration.

Specifications

Item numbers refer to ODOT Construction and Material Specifications dated January 1, 2019. These specifications will cover the work unless otherwise noted.

1. ITEM 202 - WEARING COURSE REMOVED, ASPHALT CONCRETE: Consists of planing existing chip & seal to a depth of approximately 2-1/2" to match existing pavement for butt joints per the schematic details included with the plans. All planed cuttings shall become the property of the contractor and shall be removed from the limits of the project. Payment will be for square yard of pavement planed. Limits for pavement planning are included per the plan details and quantities.
2. ITEM 411 - STABILIZED CRUSHED AGGREGATE, AS PER PLAN: This item shall consist of stabilized crushed aggregate placed 24" wide and 3" deep adjacent to the finished pavement elevation. Material shall be placed and compacted along the edge of pavement, including any transitions required at driveways/approaches. Payment shall be made per cubic yard. Totals include additional quantities for 2' driveway flare, mailbox approaches, and a 50' intersections radius.
3. ITEM 441 - ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (441), PG64-22, AS PER PLAN: Consists of placing and compacting 1.5" surface asphaltic concrete on Brush Lake Road as shown within these specifications. The job mix formula shall be in accordance with **Table 441.02-1 (PG 64-22) Type 1 Surface Course**. The provisions of 401.20 Asphalt Binder Price Adjustment will not be applied to these specifications.

Asphalt samples from each 1,000 ton batch shall be taken throughout the application of the project. The Contractor will supply the necessary size plates (to be laid on the surface of the highway and paved over) or boxes for the samples and the Contractor will be responsible to take the sample and coordinate the collection of the samples with the County. All cost of testing shall be the responsibility of the County. All batch slips from the plant shall show the percent of AC asphalt contained in said load with all weight to be in "English" units (tons).

All butt joints will be required to be sealed with AC20. Only County and State roadways shall be utilized as haul roads unless otherwise approved by the Engineer in writing.

Payment shall be based upon unit quantities applied as detailed in these specifications. The Contractor shall be paid 100% of all work performed, after test results of the asphalt samples have been determined to be in conformance.

4. ITEM 441 - ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (441), PG64-22, AS PER PLAN: Consists of placing and compacting 1.5" intermediate asphaltic concrete on Brush Lake Road as shown within these specifications. The job mix formula shall be in accordance with **Table 441.02-1 (PG 64-22) Type 1 Intermediate Course**. The provisions of 401.20 Asphalt Binder Price Adjustment will not be applied to these specifications.

Asphalt samples from each 1,000 ton batch shall be taken throughout the application of

the project. The Contractor will supply the necessary size plates (to be laid on the surface of the highway and paved over) or boxes for the samples and the Contractor will be responsible to take the sample and coordinate the collection of the samples with the County. All cost of testing shall be the responsibility of the County. All batch slips from the plant shall show the percent of AC asphalt contained in said load with all weight to be in "English" units (tons).

All butt joints will be required to be sealed with AC20. Only County and State roadways shall be utilized as haul roads unless otherwise approved by the Engineer in writing.

Payment shall be based upon unit quantities applied as detailed in these specifications. The Contractor shall be paid 100% of all work performed, after test results of the asphalt samples have been determined to be in conformance.

5. ITEM 614 - MAINTAINING TRAFFIC, AS PER PLAN: Consists of furnishing and placing necessary signs at all intersecting roads and furnishing necessary flag men, signs or other traffic control devices to handle traffic in the work zone. DO NOT PASS signs and pavement markings shall be in place in accordance with 614.04 Temporary markings shall be installed as per 614.11 the same day of paving. Local traffic will be maintained throughout the entire project at all times. Payment will be for lump sum bid.
6. ITEM 407 - TACK COAT: Consist of applying tack coat at a rate of 0.05 gallon per square yard over existing bituminous surface. Prior to application of tack coat, the surface shall be thoroughly cleaned, swept and dry. Payment will be for gallons of tack coat applied.
7. ITEM 642 - CENTER LINE, TYPE 1: Consists of furnishing and applying water based traffic paint in accordance with ITEM 642. County will furnish logs and no passing zone surveys from previous work. Pre-marking, layout, and any no passing zone surveys necessary shall be included in this item. Payment will be per mile of line, regardless of type.
8. ITEM 642 – EDGE LINE (6”), TYPE 1 Consists of furnishing and applying water based traffic paint in accordance with ITEM 642. Payment will be per mile of line.
9. ITEM 642 – SCHOOL SYMBOL MARKING, 110”, TYPE 1: Consists of furnishing and applying water based traffic paint in accordance with ITEM 642. Payment will be for each symbol marking.
10. ITEM 642 – CROSSWALK LINE, TYPE 1: Consists of furnishing and applying water based traffic paint in accordance with ITEM 642. Payment will be per foot of line
11. ITEM 301 - ASPHALT BASE: Consists of placing and compacting 6” of aggregate and asphalt binder per 301.02 and 401.01. This specification also includes compacting subbase of widened trench constructed by others, prior to placement of 301 base. Payment shall be based upon unit quantities applied as detailed in the plans
12. ITEM 900 - ASPHALT REJUVENATING AGENT: This work shall consist of furnishing all labor, material, and equipment necessary to perform all operations for the application of an

asphalt rejuvenating agent to asphaltic concrete surface courses. The rejuvenation of surface courses shall be by spray application of a cationic rejuvenating agent composed of petroleum resin oils and resins emulsified with water. All work shall be in accordance with industry standard specifications, the applicable drawings, and subject to the terms and conditions of the contract.

The asphalt rejuvenating agent shall be composed of a petroleum resin oil base uniformly emulsified with water. The material shall have a satisfactory record of service as an asphalt rejuvenating agent and in-depth sealer; such satisfactory service being based on the capability of the material to increase the ductility and penetration value of asphalt binder in the pavement surface and to seal the pavement in-depth from the intrusion of air and water.

The contractor shall furnish the manufacture's certification that the material proposed for use is in compliance with the specification requirements and include copies of supporting tests and previous use documentation. The product "Reclamite", as applied by pavement technology, Inc., 24144 Detroit Road, Westlake, Ohio, 44145 (1-800-333-6309), or an approved equal, is acceptable for these requirements.

The asphalt rejuvenating agent shall be applied by the distributor at the temperature recommended by the manufacturer and at the pressure required for proper distribution. Before spreading, the asphalt rejuvenating agent shall be blended with water at the standard dilution ratio of 2:1. The combined mixture of asphalt rejuvenating agent and water shall be spread at the maximum rate of 0.08 gallons per square yard, as approved by the engineer.

When application is made under traffic, a light coat of dry, gritty sand shall be applied to the surface in sufficient amount to protect the traveling public. No treated area should be considered completed until that area is determined by the engineer to be safe for travel. No material shall be applied opposite the treated area until the treated area is deemed safe for travel.

Testing prior to application of the asphalt rejuvenating agent to the entire project, the contractor shall apply test strips of said agent as specified above, as directed by the engineer, the contractor shall apply three (3) test strips on areas of pavement which are representative samples of the pavement to be treated. The test strips shall be ten feet (10') in width and approximately fifty feet (50') in length. The application rate shall be 0.05 gallons per square yard; 0.065 gallons per square yard; and 0.08 gallons per square yard, respectively. The engineer may vary application rates as field conditions may require. No work shall be permitted until the engineer and the product technical representative have evaluated the test areas and determined the required rates of application for the individual roadways that comprise the project limits.

The asphalt rejuvenating agent shall be applied prior to placement of the proposed berm material and the final pavement markings.

Application of cover aggregate shall only be placed as directed by the engineer in the

event the asphalt rejuvenating agent does not cure in a reasonable period of time (per the manufacturer's recommendation); if adequate penetration does not occur leaving excess material on the surface of the pavement; or, if application is required to facilitate the opening of lanes to traffic, cover aggregate shall meet the gradation requirements of ODOT CMS 703.05A or 703.06. If cover aggregate is applied, it shall be spread in the amount required to absorb any excess asphalt rejuvenating agent. Any additional costs for cleanup including brooming or sweeping of excess aggregate off the pavement will be incidental to this item of work.

Method of measurement; item 900 – asphalt rejuvenating agent shall be paid at the contract price per square yard. Basis of payment; item 900 – asphalt rejuvenating agent shall be full compensation for furnishing and placing all materials, including cover aggregate and water to dilute the asphalt rejuvenating agent; equipment, labor and incidentals to complete the work as specified, required, and accepted by the engineer.

NOTES:

EXISTING DRIVEWAYS: The contractor shall transition the finished pavement elevation to best fit existing driveways. All concrete drive approaches shall be graded to not disturb the apron. Any damage to concrete approaches will be at the contractor's expense.

PAVEMENT MARKINGS: The County will provide pavement striping logs to the contractor at the preconstruction meeting. The striping logs provided by the County shall govern final pavement marking placement.

UTILITY COORDINATION: At the time of plan preparation, OUPS markings or record plans were not available. Based on the scope of work for this project, utility interference or disruption is not anticipated. Prior to construction, the contractor shall contact OUPS and have all existing utilities marked in the field.

Bid Form
2021 Brush Lake Road Paving and Widening
Champaign County, Ohio

Item	Quantity	Unit	Description	Unit Price	Extension
1	299	Sq. Yd.	Item 202- Wearing Course Removed		
2	841	Cu. Yd.	Item 411 - Stabilized Crushed Aggregate		
3	2,416	Cu. Yd.	Item 441 - Asphalt Concrete Surface 1.5" of Type 1 PG64-22		
4	2,416	Cu. Yd.	Item 441 - Asphalt Concrete Intermediate 1.5" of Type 1 PG64-22		
5	1	L.S.	Item 614 - Maintaining Traffic		
6	5,660	Gal	Item 407 - Tack Coat		
7	4.28	Mile	Item 642 - Center Line, Type 1		
8	8.56	Mile	Item 642 - Edge Line, Type 1		
9	2	Each	Item 642 - School Symbol Marking, 110", Type 1		
10	44	LF	Item 642 - Crosswalk Line, Type 1		
11	1,673	Cu. Yd.	Item 301 - Asphalt Base		
12	57,990	Sq. Yd.	Item 900 - Rejuvenator		
				Total	

I certify that I have inspected the job and have read and understand the plans and specifications, including the required completion date. Any questions or concerns about any quantities should be directed to the office of the Champaign County Engineer prior to submitting any bid.

By: _____

 Company: _____

 Address: _____

 Phone: _____

Operating Conditions

A Pre-Construction meeting shall be scheduled prior to start of work. The contractor shall notify the Engineer (937-653-4848) 48 hours prior to the initial start of work.

There will be no work performed from 6 P.M. on Saturday until sunrise on Monday without the approval of the Engineer.

Work shall be conducted in such a manner as to cause minimum inconvenience to the public and the residents along the project.

Once the contractor commences work, it shall be carried out in a continuous manner and in accordance with the job schedule until completion. If the work is interrupted, the contractor shall notify the Engineer of the cause. If the Engineer agrees that the cause is valid, he will give the Contractor written permission to restart the work. The Contractor shall notify the Engineer the day prior to restarting.

The contractor will have a qualified representative, capable of making decisions on the contractor's behalf at all times the contractor or sub-contractor is working.

A copy of the plans and specifications shall be at the job site while any work is being completed.

Any changes in quantities or work must be authorized by written change orders, signed by the Contractor and the Engineer on the provided form. A change order must be secured before any additional work or additional quantities are used. Approved changes in work or quantities shall be paid at the bid unit price. A change order issued for an item for which there is no unit bid price will be paid according to the average bid price for that item as established in the latest available edition of the Ohio Department of Transportation Summary of Contracts Awarded. In the event that either of the above methods is not applicable, the approved change order will be paid in accordance with ORC Section 153.62