

**PROJECT:**

**2016 Township Chip & Seal Program**

PROPOSAL

LOGAN COUNTY  
BOARD OF COMMISSIONERS

Anthony Core  
John Bayliss  
Dustin Wickersham

Letting: **May 5, 2016 at 10:00 A.M.**

Company \_\_\_\_\_

Submitted by \_\_\_\_\_

Street \_\_\_\_\_

Post Office Box \_\_\_\_\_

City \_\_\_\_\_

State and Zip \_\_\_\_\_

Telephone \_\_\_\_\_

LOGAN COUNTY, OHIO

2016 TOWNSHIP CHIP & SEAL PROGRAM

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## NOTICE FOR BIDS

Notice is hereby given that bids will be received at the office of the Logan County Commissioners, 117 E. Columbus Ave., Suite 100, Bellefontaine, Ohio, 43311, May 05, 2016 at 10:00 A.M., Ohio Standard Time for the purpose of **SEALING OF TOWNSHIP ROADS WITH BITUMINOUS MATERIAL** (2016 Township Chip Seal Program) according to specifications on file in the Logan County Commissioners Office.

Bids shall be submitted on forms furnished by the Logan County Commissioners.

Bids shall have separate unit prices for all items on each road.

Bids will be furnishing labor, equipment, and materials.

As specified in R.C. 153.54, a bidder must submit a bid guaranty in the form of either:

- (1) a bond for the full amount of the bid, or
- (2) a certified check, cashier's check, or letter of credit in the amount of 10% of the bid.

Bidders shall comply with the provisions of the Americans with Disabilities Act of 1990.

“Domestic steel use requirements as specified in section 153.011 of the Revised Code apply to this project. Copies of section 153.011 of the Revised Code can be obtained from any of the offices of the department of administrative services.”

Bids will be awarded to the lowest and best bidder, based on the grand total of the Unit Price Bid.

The Board of Commissioners reserves the right to reject any or all bids and to waive any defects in the bids.

The Notice to Bidders is posted on the Internet and may be viewed on Logan County's web page at: [www.co.logan.oh.us/commissioners/bid.htm](http://www.co.logan.oh.us/commissioners/bid.htm)

By Order of the Board of  
Logan County Commissioners

Kacy D. Kirby, Clerk/Admin.

Posted: April 21, 2016

Advertised: April 21, 2016

## **INSTRUCTIONS TO BIDDERS**

**DATE AND PLACE FOR OPENING PROPOSALS:** Pursuant to the Legal Notice, sealed proposals for performing the work will be received by the County Commissioners of Logan County, Ohio.

At the time and place set forth in said notice, they will be publicly opened by the Clerk of the Board of Logan County Commissioners and read aloud; the awarding of the contract, if awarded, will be made by the Board of Logan County Commissioners within 30 days after the opening of the proposals.

**FORM FOR PROPOSALS:** All proposals shall be made upon the blank form of proposal attached hereto, and should give the lump sum price or unit prices for the work, and must be signed by the bidder in accordance with the directions in the form of proposal.

**OMISSIONS AND DISCREPANCIES:** Should a bidder find discrepancies in, or omissions from the drawings or other contract documents, or should he be in doubt as to their meaning, he shall at once notify the Logan County Engineer's Designee, Harvey Grimes, who may send a written instruction to all bidders.

**ACCEPTANCE OR REJECTION OF PROPOSALS:** Logan County reserves the right to reject any or all proposals. Without limiting the generality of the foregoing, any proposal which is incomplete, obscure, or irregular may be rejected; any proposal in which unit prices are omitted or in which unit prices are unbalanced, may be rejected; any proposal accompanied by an insufficient or irregular bid guarantee may be rejected.

**BID GUARANTEE AND PERFORMANCE BOND:** Bid guarantees and performance bonds shall be in the form as specified in the Notice to Contractors.

**ACCEPTANCE OF PROPOSAL:** Within thirty (30) days after the opening of proposals, the Board of County Commissioners will act upon them. The acceptance of a proposal shall bind the successful bidder to execute the contract, and to be responsible for liquidated damages as provided herein. The rights and obligations provided for in the contract shall become effective and binding upon the parties only with its formal execution by the Board of Logan County Commissioners.

**DAMAGES FOR FAILURE TO EXECUTE CONTRACT:** Any bidder whose proposal is accepted will be required to appear in person in the office of the Board of Logan County Commissioners, or if a firm or corporation, a duly authorized representative shall so appear, and to execute the contract within ten (10) days after the notice that the contract has been awarded to him. Failure or neglect to do so shall constitute a breach of the agreement affected by the acceptance of the proposal.

**COMPETITIVE BIDDER'S PERSONAL PROPERTY TAX AFFIDAVIT:** All bidders must complete and attach this affidavit to each bid proposal. The amount of the bid guarantee, as specified in Sections 153.54 (B), (C), (D) and (E) of the Ohio Revised Code, accompanying the proposal shall be retained by Logan County as liquidated damages for such breach.

**TIME FOR BEGINNING AND COMPLETION:** Completion date – **September 2, 2016.**

**PRICES:** The prices are to include the furnishing of all materials, plant, tools, and all other facilities, and the performance of all labor and services necessary or proper for the completion of the work, except as may be otherwise expressly provided in the contract documents.

**INTERPRETATIONS AND ADDENDA:** No oral interpretations shall be made to any bidder as to the meaning of any of the contract documents, or be effective to modify any of the contract documents. Every request for an interpretation shall be made in writing and addressed to The Logan County Engineer's Designee, Todd Bumgardner, P.O. Box 427, Bellefontaine, Ohio 43311.

**UNIT PRICE:** The unit prices specified in the "Unit Price Bid" column will govern the awarding of the contract.

The contractor shall make the extensions in "Total Amount Bid" column, and also add up the totals. However, the unit prices specified, together with the approximate quantities shall determine the total amount of the bid. If there is an error made in the extensions by the bidder, the total shall be changed as only the unit price shall govern.

**OHIO REVISED CODE**

**SECTION 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 ten thousand dollars with a corporation, individual, partnership or other unincorporated business, association, including, without limitation, a professional 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, 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 bidder is required to complete the affidavit provided. Failure to submit the required form with the proposal/bid package could deem the bidder's response to be non-responsive and disqualified from receiving further consideration.



campaign committee, and I understand that the holder of the public office having ultimate responsibility for the award of the contract includes any member of the Board of County Commissioners of Logan County, Ohio.

6. I further certify that, in accordance with division (J) (4) (b) of Section 3517.13 of the Ohio Revised Code, if the above-named Corporation/Business Trust is awarded a contract by the Board of County Commissioners of Logan County, Ohio for the purchase of goods or services costing more than ten thousand dollars, no political action committee that is affiliated with the above-named Corporation/Business trust shall, beginning on the date the contract is awarded and extending until one year following the conclusion of that contract, make one or more contributions totaling in excess of two thousand dollars to the holder of the public office having ultimate responsibility for the award of the contract or to the public officer's campaign committee, and I understand that the holder of the public office having ultimate responsibility for the award of the contract includes any member of the Board of County Commissioners of Logan County, Ohio.
7. I do hereby acknowledge that to knowingly make any false statement herein may subject me and/or the above named Corporation/Business trust to the penalties set forth in section 3517.992 of the Ohio Revised Code.

Further, Affiant sayeth naught.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

Sworn to and subscribed by \_\_\_\_\_ in my presence this  
\_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

\_\_\_\_\_  
Notary Public





5. I further certify compliance with division (I)(4)(a) of Section 3517.13 of the Ohio Revised Code and that no political action committee that is affiliated with the above-named Entity has made, within the two previous calendar years, one or more contributions totaling in excess of two thousand dollars to the holder of the public office having ultimate responsibility for the award of the contract or the public officer's campaign committee, and I understand that the holder of the public office having ultimate responsibility for the award of the contract includes any member of the Board of County Commissioners of Logan County, Ohio.
  
6. I further certify that, in accordance with division (I)(4)(b) of Section 3517.13 of the Ohio Revised Code, if the above-named Entity is awarded a contract by the Board of County Commissioners of Logan County, Ohio for the purchase of goods or services costing more than ten thousand dollars, no political action committee that is affiliated with the above-named Entity shall, beginning on the date the contract, make one or more contributions totaling in excess of two thousand dollars to the holder of the public office having ultimate responsibility for the award of the contract or to the public officer's campaign committee, and I understand that the holder of the public office having ultimate responsibility for the award of the contract includes any member of the Board of County Commissioners of Logan County, Ohio.
  
7. I do hereby acknowledge that to knowingly make any false statement herein may subject me and/or the above-named Entity to the penalties set forth in Section 3517.992 of the Ohio Revised Code.

Further, Affiant sayeth naught.

\_\_\_\_\_  
 Signature  
 \_\_\_\_\_  
 Title

Sworn to and subscribed by \_\_\_\_\_ in my presence this \_\_\_\_\_ day  
 of \_\_\_\_\_, \_\_\_\_\_.

\_\_\_\_\_  
 Notary Public

**COMPETITIVE BIDDER'S  
PERSONAL PROPERTY TAX AFFIDAVIT  
LOGAN COUNTY, OHIO (R.C. 5719.042)**

STATE OF OHIO:

: ss:

LOGAN COUNTY :

The undersigned, being duly sworn, says that he is or represents a competitive bidder doing business in, or with Logan County, Ohio, and that: (Check appropriate lines)

\_\_\_\_\_ He is a sole proprietorship doing business under his own name.

\_\_\_\_\_ He is a sole proprietorship doing business under the name of \_\_\_\_\_

\_\_\_\_\_ He is a general partner of the partnership known as \_\_\_\_\_

\_\_\_\_\_ He is a duly authorized officer of the corporation named \_\_\_\_\_

The business address of the bidder is \_\_\_\_\_

\_\_\_\_\_ ; Telephone \_\_\_\_\_

The undersigned further says that the bidder at the time of submitting his or its bid:

\_\_\_\_\_ Was not charged with any delinquent personal taxes in Logan County, Ohio.

\_\_\_\_\_ Was charged with delinquent personal property taxes as follows:

YEAR	AMOUNT	PENALTY	INTEREST
20_____	\$_____	\$_____	\$_____
20_____	\$_____	\$_____	\$_____
20_____	\$_____	\$_____	\$_____

Signed: \_\_\_\_\_

Title: \_\_\_\_\_

STATE OF OHIO:  
: ss:  
LOGAN COUNTY :

Before me, a notary, in and for said county, personally appeared .

\_\_\_\_\_ (sole proprietor doing business under his own name)

(sole proprietor doing business under the name of \_\_\_\_\_)

(general partner of the Partnership known as \_\_\_\_\_)

(duly authorized officer of the Corporation name \_\_\_\_\_),

who acknowledged that he is authorized in the premises and that his signing of this instrument is the free act and deed of himself or the organization which he represents.

In testimony whereof, I have hereunto subscribed my name and affixed my official seal at

\_\_\_\_\_, Ohio, this \_\_\_\_\_ day of \_\_\_\_\_, 2\_\_\_\_\_.

\_\_\_\_\_  
Notary Public

COMMISSIONERS:

\_\_\_\_\_ No delinquent taxes – file

\_\_\_\_\_ Delinquent taxes - sent to County Engineer

\_\_\_\_\_  
Clerk

**WRITTEN CONTRACT**

On acceptance of the proposal for said work \_\_\_\_\_ do hereby bind myself or ourselves this \_\_\_\_\_ day of \_\_\_\_\_, 2016, to enter into a written contract with the Board of Logan County Commissioners within ten (10) days from date of notice of award.

**IF AN INDIVIDUAL, SIGN BELOW**

Name \_\_\_\_\_ Address \_\_\_\_\_  
Telephone \_\_\_\_\_

**IF AN INDIVIDUAL DOING BUSINESS UNDER A TRADE NAME, SIGN BELOW:**

Name \_\_\_\_\_ Address \_\_\_\_\_  
Sole Owner \_\_\_\_\_ Telephone \_\_\_\_\_

**IF A PARTNERSHIP, SIGN BELOW:**

Name \_\_\_\_\_ Address \_\_\_\_\_  
By \_\_\_\_\_ Telephone \_\_\_\_\_  
Partner \_\_\_\_\_ Address \_\_\_\_\_  
Partner \_\_\_\_\_ Address \_\_\_\_\_  
Partner \_\_\_\_\_ Address \_\_\_\_\_

**IF A CORPORATION, SIGN BELOW:**

Incorporated under the laws of the State of \_\_\_\_\_  
Name of Corporation \_\_\_\_\_  
Address \_\_\_\_\_  
Telephone \_\_\_\_\_ By \_\_\_\_\_  
Title of Officer Signing

**GENERAL CONDITIONS**

1. \_\_\_\_\_ The Contract Documents are complementary, and what is called for by any one shall be binding as if called for by all. The intention of the documents is to include all labor and materials, equipment and transportation necessary for the completion of the work. Materials or work described in words which so applied have a well known technical or trade meaning shall be held to such standards.

The State of Ohio Department of Transportation Construction and Material Specifications as revised January 1, 2013 shall govern all items on this project.

2. \_\_\_\_\_ The following Definitions and Terms refer to the State of Ohio Department of Transportation Construction and Materials Specifications.
  - a) The State: Whenever the term "The State" appears in the specifications it shall be changed to mean Logan County, acting through its authorized representatives.
  - b) Department: Whenever the term "The Department" appears on the specifications it shall be changed to mean the office of the Logan County Engineer.
  - c) Director: Whenever the term "The Director" appears in the specifications it shall be changed to mean the Logan County Engineer.
  - d) The Engineer: Whenever the word "Engineer" appears in the Contract Documents or specifications it shall mean the Logan County Engineer or his duly authorized representative.
  - e) The Laboratory: Whenever the word "Laboratory" appears in the Contract Documents or specifications it shall mean an independent testing consultant in the employ of the County to provide testing for this project.

3. \_\_\_\_\_ The Engineer shall furnish to the Contractor free of charge, all copies of drawings and specifications necessary for the execution of the work.

4. \_\_\_\_\_ The Contractor shall provide and pay for all materials, labor, water, tools, equipment, lights, power, transportation, and other facilities necessary for the execution, and completion of the work. All materials shall be new and both workmanship and materials shall be of good quality. The Contractor shall, if required, furnish satisfactory evidence of the quality and kind of materials.

The Contractor shall at all times enforce strict discipline and good order among his employees, and shall not employ to work any unfit person or anyone not skilled in the work assigned to him.

5. \_\_\_\_\_ The Contractor shall pay all royalties and license fees. He shall defend all suits and claims for infringements of any patent rights and shall save the County harmless from loss on account thereof.

6. \_\_\_\_\_ Permits and licenses of a temporary nature necessary for the prosecution of the work shall be secured by the Contractor.

The Contractor shall give all notices and comply with all laws, ordinances, rules, and regulations bearing on the conduct of the work as drawn and specified. If the Contractor observes that the drawings and specifications are at variance therewith, he shall promptly notify the Engineer, and any necessary change shall be adjusted as provided in the Contract for Changes in the work.

7. \_\_\_\_\_ The Contractor shall continuously maintain adequate protection on all work from damage. He shall make good such damage, injury, or loss, except as may be due to errors in the Contract Documents. He shall adequately protect adjacent property. He shall provide and maintain all passage ways, barricades, lights, and other facilities for protection required by public authority or local conditions.

In an emergency affecting the safety of life or of the work or adjoining property, the Contractor, without special instructions or authorization from the Engineer, is hereby permitted to act, at his discretion, to prevent such threatened loss or injury, and he shall so act, without appeal, if so instructed and authorized.

8. \_\_\_\_\_ The Engineer shall at all times have access to the work. If the specifications, the Engineer's instructions, or any public authority require any work to be specially tested or approved, the Contractor shall give the Engineer timely notice of its readiness for inspection. If any work should be covered up without approval or consent of the Engineer, it must, if required by the Engineer, be uncovered for examination at the Contractor's expense.

9. \_\_\_\_\_ The Contractor shall at all times keep a satisfactory superintendent on the work, who shall represent the Contractor in his absence and all directions given to him shall be as binding as if given to the Contractor.

10. \_\_\_\_\_ The County, without invalidating the Contract, subject to Section 5555.69 O.R.C., may order work or make changes by altering, adding to or deducting from the work, the Contract Amount being adjusted accordingly. All such work shall be executed under the conditions of the original contract except that any claim for extension of time caused thereby shall be adjusted at the time of ordering such change.

Except in emergency endangering life or property, no extra work or change shall be made unless in pursuance of a written order by the Engineer and no claim for an addition to the Contract Amount shall be valid unless so ordered.

The value of any such extra work or change shall be determined by estimate and acceptance in a lump sum or by unit prices named in the contract or subsequently agreed upon.

If the Engineer deems it expedient to correct work injured or not done in accordance with the Contract Documents, an equitable deduction from the Contract Amount shall be made therefrom.

11. \_\_\_\_\_ If the Contractor should be adjudged a bankrupt, or be in any manner financially insolvent, or if he should refuse or fail to supply properly skilled workmen or proper materials or otherwise be guilty of a substantial violation of the terms of this Contract then the County, upon written certification by the Engineer that sufficient cause exists to justify such action may without prejudice to any other remedy and after giving the Contractor seven (7) days notice, terminate the employment of the Contractor and take possession of all tools, appliances, and materials thereon, and finish the work by whatever method he may deem expedient. In such case, the Contractor shall not be entitled to receive further payment until the work is finished.

If the unpaid balance in the Contract Price shall exceed the expense of finishing the work including compensation for additional managerial services, such excess shall be paid to the Contractor. If such expense shall exceed such unpaid balance, the Contractor shall pay the difference to the County.

12. \_\_\_\_\_ If the Contractor should neglect to prosecute the work properly or fail to perform any provision of the Contract, the County, after three (3) days written notice to the Contractor, may without prejudice to any other remedy it may have, make good such deficiencies and may deduct the cost thereof from the payment then or thereafter due the Contractor.

13. \_\_\_\_\_ If the work should be stopped under an order of any court or other public authority for a period of three (3) months through no act or fault of the Contractor or of anyone employed by him, or if the Engineer should fail to issue any estimate within fourteen (14) days after it is due, or if the County should fail to pay the Contractor within fourteen (14) days of its maturity and presentation, any sum certified by the Engineer or awarded by arbitrators, then the Contractor may, upon seven (7) days written notice, terminate the Contract and recover from the County payment for all work executed and any loss sustained upon any materials and reasonable profit.

14. \_\_\_\_\_ The County may withhold or, on account of subsequently discovered evidence, nullify the whole or a part of any certificate to such extent as may be necessary to protect itself from loss on account of:

- (A) Defective work not remedied.
- (B) Claims filed or evidence indicating probable filing.
- (C) Failure of the Contractor to pay bills.
- (D) Doubt that the Contract can be completed for the balance then unpaid.

When above grounds are removed payment shall be made for amounts withheld on account of them.

15. \_\_\_\_\_ The Contractor shall indemnify and save harmless the County from and against all losses and all claims, demands, payments, suits, actions, recoveries and judgments of every nature and description brought or recovered against the County, by reason or any act or omission of the said Contractor, his agents or employees, in the execution of the work or in the guarding of it.

16. \_\_\_\_\_ The Contractor shall maintain during the life of this Contract, Workers' Compensation Insurance for all of his employees to be engaged in work on the project under this Contract.



The Contractor shall also procure and maintain during the life of this Contract, Contractor's Public Liability Insurance in an amount not less than \$100,000 for injuries, including accidental death, to any one person and subject to the same limit for each person in an amount not less than \$300,000 on account of one accident, and the Contractor's Property Damage Insurance in an amount not less than \$100,000. Evidence of same must be submitted upon receipt.

17. \_\_\_\_\_ The Contractor shall not assign the contract or sublet it as a whole without the written consent of the County.
18. \_\_\_\_\_ The Contractor shall carefully preserve bench marks, reference points and stakes, and in case of willful or careless destruction, he shall be charged with the resulting expense.
19. \_\_\_\_\_ The Engineer shall have general supervision and direction of the work. He has authority to stop the work whenever such stoppage may be necessary to insure the proper execution of the Contract. He shall also have the authority to reject all work and materials which do not conform to the Contract, to direct the application of forces to any part of the work, to order the force increased or diminished, and to decide questions which arise in the execution of the work.
20. \_\_\_\_\_ The Contractor shall, as directed by the Engineer, remove from public and private property at his expense all temporary structures, rubbish and waste materials resulting from his operations.
21. \_\_\_\_\_ The Contractor will be expected to pay the State prevailing minimum wage to all labor employed on this project as ascertained and determined for Logan County, Ohio. A copy of the said prevailing minimum wage is attached.
22. \_\_\_\_\_ For each calendar day that any work shall remain uncompleted after the contract completion date, the liquidated damages, as described in 108 of the State of Ohio, Department of Highway's Materials and Specifications, dated January 1, 2010 may be imposed.
23. \_\_\_\_\_ The Contractor will comply with Sections 153.59 and 153.60 O.R.C., Discrimination and Intimidation on Account of Race, Creed, or Color, and Forfeiture, when performing the work on this project.
24. \_\_\_\_\_ "Domestic steel use requirements as specified in section 153.011 of the Revised Code apply to this project. Copies of section 153.011 of the Revised Code can be obtained from any of the offices of the department of administrative services."

## SUPPLEMENTAL GENERAL CONDITIONS

### ENUMERATION OF PLANS, SPECIFICATIONS, STANDARD DRAWINGS AND ADDENDA

Following are the Plans, Specifications, Standard Drawings and Addenda which form a part of this contract, as set forth in Article I of the General Contract Conditions, "Contract and Contract Documents".

#### Plan Drawings

Plan Package \_\_\_\_\_ Attached

The above plans were prepared by the Logan County Engineers Office.

#### Specifications

O.D.O.T. Construction and Materials Specifications, dated January 1, 2013.

#### Standard Drawings

O.D.O.T. Standard Construction Drawings

MT-97.10 \_\_\_\_\_ dated \_\_\_\_\_ 4-29-88

## GENERAL NOTES

### 2016 Township Chip & Seal Program

**Specifications:** The Contractor shall meet the requirements of Section 422 of the State of Ohio Department of Transportation Construction and Material Specifications.

**Mobilization and Bonding:** The Contractor shall fulfill the mobilization requirements detailed in Sections 624.01, 624.02 and 624.03 of the State of Ohio Department of Transportation Construction and Material Specifications.

The Contractor shall also include the cost of the bonding requirements in these items.

**Traffic Control:** When paving all routes, the Contractor may close the portions of the routes under construction to through traffic or the Contractor may elect to maintain traffic by providing flaggers. Should the contractor choose to close the road, the following requirements must be met.

The Contractor shall notify the Engineer of the closure a minimum of seven working days prior to closing the road. This will allow notice to be given to the public.

- The Contractor shall only close the road being paved between two adjacent intersections.
- The Contractor shall allow residents along the closed portion access to their homes or businesses at all time.
- The Contractor shall provide access for emergency vehicles at all times.
- The Contractor shall provide appropriate signs, cones and other devices to warn and inform the public. Such devices shall be approved by the Engineer,
- The Contractor shall not close the road over night or during the hours of darkness.
- The Contractor shall provide flaggers and signs to direct traffic and to direct trucks turning into or backing into the construction area.

**Misc.:** If at any time before the commencement or during the progress of the work, tools and equipment appear to the engineer to be insufficient or inappropriate to secure the quality of the work required at the proper rate of progress, the engineer may order the contractor to increase their efficiency, to augment their number, or to substitute new tools or equipment as the case may be, and the contractor must conform to such order.

**Estimated Quantities:** The quantities on these plans are estimated using the application rates shown. The Contractor's attention is called to the requirements of Section 407.03 of the Construction and Materials Specifications, which detail the requirements of the measuring devices to be present and functioning on the distributor.

A weight ticket shall accompany each delivery of bituminous material from the bituminous material producer. Copies of all material quantity tickets shall be delivered to the Logan County Engineer's Office on a daily basis during the project.

The Contractor shall provide the actual application rate for the materials provided for the project.

The Contractor shall obtain aggregate samples and confirm that the aggregates and liquid are compatible in all respects.

**Bituminous Material:**

HFRS-2P

**Aggregate Materials:**

The Contractor shall use #9 stone on Township Road 150 within Zane Township only; all other work shall be performed using #8 stone.

**Commencement of Work:** The County Engineer and Township Trustees shall be notified by the Contractor seven days prior to work commencement, to allow the County Engineer and Township Trustees to prepare the project site. The Contractor must provide a detailed work schedule, by township and road, to the County Engineer by noon on Thursday of the week prior.

**If proper notice is not given to the County Engineer or Township Trustees, the Contractor will not be paid.**

**The County Engineer's inspector must be present during any work on County roads.**

**Basis of Payment:** Payment will be based on actual quantities used during the project. Copies of all material quantity tickets shall accompany the billing statement. The billing statement shall be sent to:

Logan County Engineer's Office  
P.O. Box 427  
Bellefontaine, Ohio 43311

Payment will be made when the project is completed, and the final inspection made and the work is accepted by the Township Trustees. No payment shall be made for any unauthorized work.

2016 TOWNSHIP CHIP SEAL PROGRAM ESTIMATE

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ITEM TWP. ROAD	LOG POINT		LENGTH IN FEET	WIDTH	SQ. YRDS	409.00 HFERS-2P 0.44 GAL/S.Y.	No.8 Agg 25Lbs./S.Y. Tons	UNIT PRICE	TOTAL
	FROM	TO							
<b>McArthur</b>									
TR99	US33	Richland TWP Line	4562	17	8617	3791	107		
TR99	US33	SR274	903	15	1505	662	18		
TR221	TR99	US33 Line	5563	14	8654	3807	108		
TR37	CR39	CR49	11300	19	23856	10496	298		
TR37	CR49	US68	5553	19	11723	5158	146		
TR109	TR101	SR638	2166	16	3851	1694	48		
<b>TOTAL</b>					<b>58206</b>	<b>25608</b>	<b>725</b>		
<b>Stokes</b>									
TR240	SR235	CR54	7251	17	13696	6026	171		
TR52	CR54	SR235	10382	18	20764	9136	259		
TR83	CR82	CR87	5254	18	10508	4623	131		
TR87	CR87	CR270	484	19	1022	449	12		
TR87	CR270	US33	688	19	1452	638	18		
TR87	US33	SR235	3095	20	6878	3026	85		
TR89	US33	TR86	9757	14	15178	6678	189		
TR86	CR87	SR720	4069	15	6782	2984	84		
TR85	TR86	TR84	6617	13	9558	4205	119		
TR84	CR87	SR720	7902	15	13170	5794	164		
<b>TOTAL</b>					<b>99008</b>	<b>43559</b>	<b>1232</b>		
<b>Monroe</b>									
TR190	CR5	Liberty TWP Line	7758	16	13792	6068	172		
TR30	CR1	Liberty TWP Line	3906	17	7378	3246	92		
TR174	CR47	Liberty TWP Line	4055	14	6308	2775	78		
TR47	SR287	Champaign Co Line	3531	18	7062	3107	88		
TR175	TR47	Liberty TWP Line	5363	17	10130	4457	126		
TR55	CR1	Jefferson TWP Line	8371	18	16742	7366	209		
<b>TOTAL</b>					<b>61412</b>	<b>27019</b>	<b>765</b>		
<b>Zane</b>									
TR151	SR287	TR29	2714	16	4825	2123	60		
TR150	SR287	Monroe TWP Line	6995	21	16322	7181	204		
TR258	SR559	Union Co. Line	3257	13	4705	2070	58		
<b>TOTAL</b>					<b>25852</b>	<b>11374</b>	<b>322</b>		
<b>Bokescreek</b>									
TR115	CR40	Hardin Co. Line	4013	20	8918	3923	111		
TR115	CR12	CR40	3095	20	6878	3026	85		
TR138	CR117	Hardin Co. Line	7144	19	15082	6636	188		
TR138	CR48	CR117	6649	17	12559	5525	156		
<b>TOTAL</b>					<b>43437</b>	<b>19110</b>	<b>540</b>		
<b>Richland</b>									
TR38	CR254/38	CR96	6714	17	12682	5580	158		
TR95	SR366	McArthur TWP Line	3452	21	8055	3544	100		
TR99	SR366	McArthur TWP Line	1132	16	2012	885	25		
TR97	CR97	TR237	4662	16	8288	3646	103		
TR237	Hardin Co. Line	Hardin Co. Line	2354	14	3662	1611	45		
<b>TOTAL</b>					<b>34699</b>	<b>15266</b>	<b>431</b>		
<b>Rushcreek</b>									
TR51	CR5	TR112	3252	20	7227	3179	90		
TR112	TR111	2015 Chipseal End	1998	14	3108	1367	38		
TR111	TR112	CR5	3200	17	6044	2659	75		
TR137	SR274	CR50	9163	16	16290	7167	203		
<b>TOTAL</b>					<b>32669</b>	<b>14372</b>	<b>406</b>		
<b>Miami</b>									
TR30	TR33	SR508	9021	16	16037	7056	200		
<b>TOTAL</b>					<b>16037</b>	<b>7056</b>	<b>200</b>		
<b>GRAND TOTAL TOWNSHIPS</b>			<b>37,38</b>		<b>371320</b>	<b>163364</b>	<b>4621</b>		

MILES

COMPANY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

Note: some sections of roads or roads may be non-performed in order to stay within budget



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