

2012 RESURFACING OF COUNTY ROADS
2, 82, 85, 151 & 169
in
SANDUSKY COUNTY, OHIO

BIDS RECEIVED DECEMBER 20, 2011 AT 9:30 AM

ENGINEER'S ESTIMATE: \$ 1,193,000.00

- IF SUBMITTING A BID FOR THIS PROJECT PRINT CONTRACT DOCUMENTS ON LEGAL SIZE PAPER.

Plan holder Registration

- To be eligible to bid on a project your company must be added to a plan holders list. If submitting a bid for a project, notify the County Engineer's Office to be placed on the plan holder list by providing company information and the project you will be bidding on. The plan holder registration form is on the project listing page located at the following website: www.sanduskycountyengineers.com

PROPOSAL
and
CONTRACT DOCUMENTS
and
SPECIFICATIONS
for the
2012 RESURFACING
of
COUNTY ROADS 2, 82, 85, 151 & 169
in
SANDUSKY COUNTY, OHIO

PREPARED BY THE OFFICE OF


SANDUSKY COUNTY ENGINEER
JAMES R. MOYER
2500 WEST STATE STREET
FREMONT, OHIO 43420
(419) 334-9731
www.sanduskycountyengineers.com

LETTING DATE: DECEMBER 20, 2011@ 9:30 A.M.

BID OF _____

ADDRESS _____

CITY & STATE _____

ZIP CODE _____

PHONE _____

FAX _____

E-MAIL _____

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**STATE OF OHIO EQUAL EMPLOYMENT OPPORTUNITY
REQUIREMENTS AND BID CONDITIONS FOR
OPWC-ASSISTED CONSTRUCTION PROJECTS**

**ADVERTISEMENT FOR BIDDING
LEGAL NOTICE**

Sealed Proposals will be received by the Sandusky County Board of Commissioners, 622 Croghan Street, Fremont, Ohio 43420 until 9:30 a.m. on the 20th day of December, 2011 for the furnishing all labor, materials and equipment necessary to complete the project known as Resurfacing of County Roads 107, 117 North and 117 South – 2012 Resurfacing of County Roads 2, 82, 85, 151 & 169 – Manufacture, Storage, Delivery & Erection of Prestressed Concrete Bridge Superstructure for RY 232-3.19 – Supplying Precast Reinforced Concrete Box Culverts for WO 42-0.21 & GR 177- 0.47 and a Pre-Owned Bucket Truck at said time and place they will be publicly opened and read aloud.

Copies of the Plans, Specifications and the other Contract Documents may be examined and obtained at the Office of the Sandusky County Engineer, 2500 W. State St., without charge, or at the following website www.sanduskycountvengineers.com.


In accordance with the Ohio Revised Code Section 307.87 this shall serve as notification that this notice is available on Sandusky County Engineers internet website on the World Wide Web by logging onto www.sanduskycountvengineers.com and going to Bid/Contracts link-click on Continue to Project Listings and you will be able to view the legal notices for current projects.

Proposals must be submitted on the forms furnished or downloaded from above website and must contain the name of every person interested therein. The Proposal shall be accompanied by a Bid Guarantee and Contract Bond in the amount of 100% or a Certified or Cashier's Check or a Letter of Credit in an amount of at least 10% of the amount bid. The board reserves the right to reject any or all bids and to waive any formalities in any bid. Each bidder must submit evidence of its experience on projects of similar size and complexity.

All contractors and subcontractors involved with the project will, to the extent practicable use Ohio products, materials, services, and labor in the implementation of their product. Additionally, contractor compliance with the equal employment opportunity requirements of Ohio Administrative Code Chapter 123, Governor's Executive order of 1972, and Governor's Executive Order 84-9 shall be required.

Bidders must comply with the prevailing wages rates on Public Improvements in, Sandusky County, pursuant to the Department of Industrial Compliance and Labor. The completion date for the Resurfacing of County Roads 107, 117 North and 117 South is September 30, 2012.

By the Order of the Board of County Commissioners

By , Administrator

Notice to Newspaper

Please publish Monday, December 5, 2011.

**SANDUSKY COUNTY ENGINEER'S
INFORMATION FOR BIDDERS
ON CONSTRUCTION PROJECTS**

I DEFINITIONS

The words "County" or "Owner" or "Engineer" or "Director" or "Inspector" other words of similar connotation shall be understood to mean the Sandusky County, Ohio acting through its properly authorized agents.

The words "Bidder" or "Contractor" shall mean the person or firm proposing to contract with the Owner to provide labor and/or materials in a construction project.

Wherever the words "directed", "required", "permitted", "designated", "approved", "satisfactory", "acceptable" or similar words are used, they shall be understood to refer to the exercise of the authority or judgment vested in the Engineer.

II SPECIFICATIONS

All work shall be performed in accordance with, and all materials shall comply with the requirements of applicable sections of the 2010 Edition of the Construction and Material Specifications of the Department of Transportation of the State of Ohio, and with the contract drawings and documents. Interpretation of Specifications shall be made by the Engineer, and his decision shall be final and binding. In the event of a conflict between the Specifications and the Drawings, the Drawings shall take precedence.

III PREPARATION OF PROPOSAL

Each proposal shall be submitted on a bound form provided by the County Engineer or downloaded in its entirety from the following website www.sanduskycountyengineers.com and must contain the name of every person interested therein. The Proposal pages shall not be removed from the bound or downloaded set of Documents. The Proposal shall be enclosed in a sealed envelope addressed to the Board of Commissioners of Sandusky County, Ohio, with the name and address of the Bidder and identification of the Contract plainly endorsed thereon. If the Proposal is submitted by mail, the sealed envelope containing the Proposal shall be enclosed in another envelope, to avoid inadvertent premature opening of the sealed bid. All blank spaces in the Proposal shall be properly filled with ink opposite each item. Figures shall be used for Unit Bid Prices as indicated in the column headings for each item, and in the event of an error in extension the unit prices shown shall prevail.

IV WITHDRAWAL OF PROPOSAL

If a bidder wishes to withdraw his proposal, he may do so at any time prior to the time fixed for the opening of bids, without prejudice to himself. Bids opened and read may not be withdrawn for a period of 60 calendar days after the scheduled closing time for receiving bids.

V BID GUARANTY

Each proposal shall be accompanied by a Bid Guaranty and Contract Bond, in the Amount of 100% of the Bid, to be held by the Owner; or a Certified or Cashier's Check or a Letter of Credit in an amount of at least 10% of the amount bid, made payable to the Treasurer of Sandusky County, Ohio; to be held by the Owner, as a guarantee that in the event the Bid is accepted and a Contract awarded to the Bidder, the Contract will be executed and, if a Check or Letter of Credit is used, its faithful performance properly secured by an acceptable Bond for 100% of the amount of the Contract, and in default thereof said Bond or Check or Letter of Credit and the amount represented thereby shall be forfeited to the Owner in accordance with Section 153.54 of the Ohio Revised Code.

VI FORFEITURE

The Bidder to whom the Contract may be awarded shall appear at the office of the Engineer with the sureties offered by him within ten (10) days, (Saturday and Sunday excepted), after the date of notification of the acceptance of his proposal and there execute the Contract for the work in the required number of copies; and shall furnish, if the Bidder used a Certified or Cashiers Check or a Letter of Credit as his bid guaranty, a Performance Bond in the form provided by the County, with acceptable surety, in the amount of 100% of his bid price. The Bidder shall also supply the affidavit required by Ohio Revised Code Section 5719.042. In case of failure to do so, the Bidder will be considered as having abandoned same, and the amount of his deposit shall be forfeited to and become the property of the Owner, in accordance with Section 153.54 of the Ohio Revised Code.

Ohio Revised Code 5719.042 which became effective September 21, 1982 is reproduced below:

Sec. 5719.042 AFTER THE AWARD BY A TAXING DISTRICT OF ANY CONTRACT LET BY COMPETITIVE BID AND PRIOR TO THE TIME THE CONTRACT IS ENTERED INTO, THE PERSON MAKING A BID SHALL SUBMIT TO THE DISTRICT'S FISCAL OFFICER A STATEMENT AFFIRMED UNDER OATH THAT THE PERSON WITH WHOM THE CONTRACT IS TO BE MADE WAS NOT CHARGED AT THE TIME THE BID WAS SUBMITTED WITH ANY DELINQUENT PERSONAL PROPERTY TAXES ON THE GENERAL TAX LIST OF PERSONAL PROPERTY OF ANY COUNTY IN WHICH THE TAXING DISTRICT HAS TERRITORY OR THAT SUCH PERSON WAS CHARGED WITH DELINQUENT PERSONAL PROPERTY TAXES ON ANY SUCH TAX LIST, IN WHICH CASE THE STATEMENT SHALL ALSO SET FORTH THE AMOUNT OF SUCH DUE AND UNPAID DELINQUENT TAXES AND ANY DUE AND UNPAID PENALTIES AND INTEREST THEREON, IF THE STATEMENT INDICATES THAT THE TAXPAYER WAS CHARGED WITH ANY SUCH TAXES, A COPY OF THE STATEMENT SHALL BE TRANSMITTED BY THE FISCAL OFFICER TO THE COUNTY TREASURER WITHIN THIRTY DAYS OF THE DATE IT IS SUBMITTED.

A COPY OF THE STATEMENT SHALL ALSO BE INCORPORATED INTO THE CONTRACT, AND NO PAYMENT SHALL BE MADE WITH RESPECT TO ANY CONTRACT TO WHICH THIS SECTION APPLIES UNLESS SUCH STATEMENT HAS BEEN SO INCORPORATED AS A PART THEREOF.

VII RETURN OF DEPOSITS

Certified or Cashier's Checks or Letters of Credit submitted as bid deposits will be returned within 48 hours after the executed Contract and required Bond have been finally approved by the Owner.

VIII EXAMINATION OF WORK

Bidders must carefully examine the Plans and the entire site of the work and make all necessary investigations to inform themselves thoroughly as to the facilities for delivering, placing and operating the necessary equipment and for delivering and handling material for the work; and as to all difficulties that may be involved in the complete execution. Bidders must carefully examine the Contract, Plans, and Specifications for the work. The Owner will not be responsible in any manner for answers to any inquiries regarding the meaning of the drawings or specifications given prior to the awarding of the contract unless such answers are in writing and signed by the County Engineer.

IX LAWS AFFECTING PUBLIC WORK

The attention of the bidder is called to the laws of the State of Ohio and to local ordinances pertaining to contracts on public work, and to the statutory requirements of the State of Ohio relative to licensing of corporations organized under the laws of any other State.

The Contractor shall conform with all applicable provisions of Chapter 4115 of the Ohio Revised Code with respect to wages and working hours. A copy of the Minimum Wage Rate Schedule as determined by the Department of Industrial Compliance and Labor and is available at the following website <http://www.com.ohio.gov/laws>.

There shall be posted in a prominent and accessible place, on the site of the work, a legible statement of the schedule of wages specified in the contract to the various classifications of laborers, workmen, and mechanics employed. Said statement to remain posted during the life of each contract.

The Contractor shall conform with all applicable provisions of 153.59 and 153.60 of the Ohio Revised Code with respect to discrimination and intimidation on account of race, creed, sex, handicap, or color. Ohio Revised Code Section 153.59 and 153.60 are reproduced below and hereby made part of this contract.

153.59 DISCRIMINATION AND INTIMIDATION ON ACCOUNT OF RACE, CREED, SEX, HANDICAP, OR COLOR: EVERY CONTRACT FOR OR ON BEHALF OF THE STATE, OR ANY TOWNSHIP, COUNTY, OR MUNICIPAL CORPORATION THEREOF, FOR THE CONSTRUCTION ALTERATION, OR REPAIR OF ANY PUBLIC WORK IN THE STATE SHALL CONTAIN PROVISIONS BY WHICH THE CONTRACTOR AGREES:

(A) THAT IN THE HIRING OF EMPLOYEES FOR THE PERFORMANCE OF WORK UNDER THIS CONTACT OR ANY SUBCONTRACT, NO CONTRACTOR, SUBCONTRACTOR, OR ANY PERSON ACTING ON HIS BEHALF, SHALL, BY REASON OF RACE, CREED, SEX, HANDICAP, OR COLOR, DISCRIMINATE AGAINST ANY CITIZEN OF THE STATE IN THE EMPLOYMENT OF LABOR OR WORKERS WHO IS QUALIFIED AND AVAILABLE TO PERFORM THE WORK TO WHICH THE EMPLOYMENT RELATES;

(B) THAT NO CONTRACTOR, SUBCONTRACTOR, NOR ANY PERSON ON HIS BEHALF SHALL, IN ANY MANNER, DISCRIMINATE AGAINST OR INTIMIDATE ANY EMPLOYEE HIRED FOR THE PERFORMANCE OF WORK UNDER THIS CONTRACT ON ACCOUNT OF RACE, CREED, SEX, HANDICAP, OR COLOR;

153.60 FORFEITURE

THE CONTRACT REFERRED TO IN SECTION 153.59 OF THE REVISED CODE SHALL PROVIDE AS A FORFEITURE FOR ANY BREACH OF THE PROVISIONS AGAINST DISCRIMINATION:

(A) THAT THERE SHALL BE DEDUCTED FROM THE AMOUNT PAYABLE TO THE CONTRACTOR BY THE STATE OR BY ANY TOWNSHIP, COUNTY, OR MUNICIPAL CORPORATION THEREOF, UNDER THIS CONTRACT, A FORFEITURE OF TWENTY-FIVE DOLLARS FOR EACH PERSON WHO IS DISCRIMINATED AGAINST OR INTIMIDATED IN VIOLATION OF THIS CONTRACT;

(B) THAT THE CONTRACT SHALL BE CANCELED OR TERMINATED BY THE STATE OR BY ANY TOWNSHIP, COUNTY, OR MUNICIPAL CORPORATION THEREOF, AND ALL MONEY TO BECOME DUE HERE UNDER MAY BE FORFEITED, FOR A SECOND OR SUBSEQUENT VIOLATION OF THE TERMS OF THIS SECTION OF THE CONTRACT.

The Contractor shall conform with all applicable provisions of Chapter 4167 of the Ohio Revised Code with respect to Occupational Safety and Health Division.

Safety and Health Provisions: The Contractor is bound by all provisions of the Federal Occupational Safety and Health Act of the 1970 (OSHA), and all other applicable federal, state, and local laws, regulations, findings, and orders relating to safety and health conditions on the work site.

X INSURANCE

1. **WORKMEN'S COMPENSATION INSURANCE** - The Contractor and any subcontractors shall take out and maintain such insurance as will protect them from claims under Workmen's Compensation laws, disability benefit laws or other similar employee benefit laws and from claims for damages because of bodily injury, occupational sickness or disease, or death of their employees. Proof of compliance with Workmen's Compensation laws shall be filed with the Owner until the date of final payment for the Project and the Contractor shall indemnify and save harmless the Owner from any contributions or liability therefor.

2. **BODILY INJURY AND PROPERTY DAMAGE INSURANCE** - The Contractor shall provide insurance for (1) Comprehensive Public Liability and Property Damage, Contractor's Protective Liability, Contractual Liability, Completed Operations-Products, and (2) Automobile Bodily Injury and Property Damage Liability, including owned, non-owned and hired vehicles. Any combination of the Contractor's coverage limits, including umbrella-excess liability limits shall provide no less than \$1,000,000 single limit bodily injury and property damage liability coverage.

The following coverages, if excluded from the Contractor's standard coverages, shall have the exclusions deleted for policies provided under this Contract: (1) Underground damage caused by mechanical equipment coverage, (2) collapse of or structural injury to buildings coverage, if the nearness of buildings warrants this type of coverage, and (3) blasting shall be covered, if explosives are used in the performance of this Contract.

The contractor shall indemnify and hold harmless the owner and their agents and employees from and against all claims, losses, and expenses, which may occur as a result of bodily injury sickness, disease, or death, or to injury to or destruction of tangible property including the loss of use resulting there from, caused in whole or part by any negligent act or omission of the contractor, any subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable. This shall be evidenced by a Certificate of Insurance naming the Sandusky County Commissioners, Sandusky County, it's officials, employees and agents as additional insureds. Such insurance shall be primary, and any insurance carried by the County shall be secondary and not participating.

X INSURANCE (cont.)

Insurance shall be provided by an insurance company authorized to do business in the State of Ohio, shall be approved by the Owner, and shall remain in force until the date of final payment for the Project. Before starting work, the Contractor shall furnish a certificate (accord form) certifying the required coverages. Policies (and certificates) shall contain the following endorsements: "The company agrees that 30 days prior to cancellation or reduction of the insurance afforded by this policy with respect to the Contract involved, written notice will be mailed to the Sandusky County Engineer."

3. BUILDER'S RISK INSURANCE - The Contractor shall take out and maintain Builder's Risk Insurance on Bridges and Buildings against loss by fire, extended coverage, vandalism and malicious mischief on the insurable portion of the Project. Such insurance shall be in an amount of a minimum of \$3,000,000.00 and may vary with the extent of the work completed, but shall at all times be at least equal to the amount previously paid by the Owner on account of work and materials, plus the value of work and materials furnished or delivered by the Contractor but not paid for by the Owner. Insurance shall be issued in the names of the Owner and the Contractor as joint insured as their interests may appear, and shall remain in full force and effect until the date of final payment for the Project. The Owner shall be furnished the original Builder's Risk Policy. It will be returned to the Contractor upon final acceptance of the contract.

XI CONTRACT DOCUMENTS

The Advertisement, the Information to Bidders, the Proposal, the Special Provisions, the Plans, the Construction and Material Specifications, of the State of Ohio, Department of Transportation and the Contract shall in the aggregate constitute the Contract Documents and are complementary. What is called for in any one document shall be as binding as if called for by all. The Contract prices bid in the Proposal shall be deemed to include all costs of whatever nature involved in the proper and complete execution of work.

XII MATERIALS AND WORKMANSHIP

Unless otherwise stipulated in the specifications, all workmanship, equipment, materials and articles incorporated in the work covered by this contract are to be new and of the best grade of their respective kinds for the purpose. The Contractor shall, if required, furnish evidence as to kind and quality of materials. The Contractor shall furnish to the Engineer for his approval, the name of the manufacturer of machinery, mechanical and other equipment, which he contemplates installing, together with their performance capacities and other pertinent information.

If not specified in detail, material or work called for in this contract shall be furnished and performed in accordance with well-known established practice and standards recognized by architects, engineers and the trade.

When required by the specifications or when called for by the Engineer, the Contractor shall furnish for approval full information concerning the materials or articles which he contemplates incorporating in the work. Samples of materials shall be submitted for approval when so directed. Machinery, equipment, materials and articles installed or used without such approval shall be at the risk of subsequent rejection.

Whenever, in the plans and specifications, there is called for a product of a specific manufacturer it is understood that such is merely descriptive of the minimum qualifications and not restrictive as to manufacturer. Substitutions of equivalent items may be made if approved by the Engineer, whose decision shall be final.

XIII INSPECTION

The Contractor shall at all times provide convenient access and safe and proper facilities for the inspection of all parts of the work. No work, (except such shop work as may be so permitted), shall be done except in the presence of the Engineer or his assistants. No materials of any kind shall be used upon the work until it has been inspected and accepted by the Engineer. All materials rejected shall be immediately removed from the work and not again offered for inspection. Any materials or workmanship found at any time to be defective shall be remedied at once, regardless of previous inspection. The inspection and supervision of the work by the Engineer is intended to aid the Contractor in supplying labor and materials in accordance with the specifications, but such inspection shall not operate to release the Contractor from any of his contract obligations.

XIV ESTIMATED QUANTITIES

The Contractor agrees; that the quantities of work as indicated on the plans are only approximate; that during the progress of the work the County may find it advisable, and shall have the right, to omit portions of the work and to increase or decrease the quantities; and, that the County reserves the right to add or to take from any item as may be deemed necessary or desirable. The Contractor shall and will at no time make claims for anticipated profit or loss of profits, or damages of any kind, because of any difference between the quantities of the various classes of work actually done, or of the material actually furnished, and the said estimated quantities.

XV EXTRA WORK

The Contractor shall do any work and/or furnish any materials not herein provided for, which in the opinion of the Engineer, may be found necessary or desirable for the completion of the work. No extra work will be paid for or allowed unless the same was done upon written contract with the Owner, and after all legal requirements have been complied with. The Contractor agrees that he will accept as full compensation for extra work, so ordered an amount determined by one of the following methods:

1. Unit prices stated in the proposal, if applicable; or
2. A price mutually agreed upon, in writing, by the Engineer and the Contractor; or
3. A sum equal to the actual net cost of materials and labor (including premium for Workmen's Compensation Insurance) plus agreed rental, for equipment necessary for the extra work, to the sum of which may be added fifteen (15%) per cent as compensation for all other items of expense, including overhead, superintendence, use of small tools and other insurance.

The decision of the Engineer as to whether extra work in fact has been performed shall be conclusive and binding upon both parties to this contract.

XVI TIME OF COMMENCEMENT AND COMPLETION AND LIQUIDATED DAMAGES

The Contractor shall commence work within ten (10) days after the notice to proceed and the rate of progress shall be such that the whole work shall be completed and the site cleaned up in accordance with the contract, unless an extension of completion date shall have been granted by the Owner.

The time of completion of the parts of the work is of the essence of the contract, and should the Contractor neglect, refuse, or fail to complete the work to be done under the contract within the time herein agreed upon, after adding all extensions of time granted by the Owner, then in that event the Owner shall have and is hereby given the right to deduct and retain out of such money, which be then due, or which may become due and payable to the Contractor for the work to be done under this contract, the sum of Two Hundred Dollar (\$200.00) per day for each and every calendar day that the work is delayed in its completion beyond the agreed time. Said sum per-day for such delay, failure or non-completion shall be deemed, taken and treated as liquidated damages which the Owner will suffer by reason of such default, including but not limited to extra cost of engineering and inspection, and not by way of penalty.

XVII NO WAIVER OR RIGHTS

Neither the inspection of the Engineer or Owner or any of their employees, nor any order, measurement or certificate by the Engineer or Owner, nor any order by the Owner for the payment of money, nor any payment for, or acceptance of the whole or any part of the work by the Engineer or Owner, nor any extension of time, nor any possession taken by the Owner or its employees, shall operate as a waiver of any provision of the Contract, or of any power herein reserved to the Owner, or any right to damages herein provided, nor shall any waiver of any breach of this Contract be held to be a waiver of any other or subsequent breach. Any remedy provided in this Contract shall be taken and construed as cumulative; that is, in addition to each and every other remedy herein provided; and in addition to all other suits, actions or legal proceedings, the Owner shall also be entitled as of right to a writ of injunction against any breach of any of the provisions of the Contract.

XVIII FINAL PAYMENT TO RELEASE THE OWNER

The acceptance by the Contractor of the final payment shall be and shall operate as a release to the Owner of all claims and all liability to the Contractor for all things done or performed or relating to the work, and for every act and neglect of the Owner and others relating to or arising out of the work, excepting only his claims, if any, for amount withheld by the Owner, upon final payment. No payment however, final or otherwise shall operate to release the Contractor nor his Sureties for any obligation upon or under this Contract or the Contractor's Bond.

XIX SEQUENCE AND PROGRESS OF WORK

Before commencing work, the Contractor shall submit a schedule of contemplated progress of the work to the Engineer for approval and shall make such changes in the schedule as the Engineer may require for approval.

The Engineer shall have the power to direct the order and sequence of the work, which in general shall be to coordinate the Construction of the several parts of the contract to a successful completion as rapidly as possible. If, at any time before the commencement or during the progress of the work, the materials and appliances used or to be used appear to the Engineer as insufficient or improper for securing the quality of work required, or the required rate of progress, he may order the Contractor to increase efficiency or to improve their character and the Contractor shall conform to such order, but the failure of the Engineer to demand any increase of such efficiency or any improvement shall not release the Contractor from his obligations to secure the quality of work or the rate of progress specified.

XX MONTHLY ESTIMATE

On or about the first day of each month the Engineer will make an approximate estimate of the value of the work done, whenever said estimate of work done since the last previous estimate exceeds One Thousand Dollars (\$1,000.00) in amount. The Contractor shall furnish to the Engineer such detailed information as he may request to aid him as a guide in the preparation of monthly estimates. Estimates approved by the first (1st) of the month will be paid by the twenty-fifth (25th) of the month. Estimates approved by the fifteenth (15th) of the month will be paid by the eleventh (11th) of the following month. Ninety-two percent (92%) of such approved estimate will be paid, in accordance with Section 153.12 - 153.14 of the Ohio Revised Code. No additional retention will be withheld from estimates made after fifty percent (50%) of the contract amount has been paid.

XXI FINAL ESTIMATE

The Engineer shall within thirty (30) days after the work has been finally and fully completed, in accordance with the contract and specifications make a final estimate of the work done under such contract and the value thereof. And the Owner shall, within thirty (30) days after such estimate is made and certified, and upon completion of the work to the approval of the Engineer, pay the entire sum so found to be due hereunder, after deducting all percentages and amounts to be kept and retained under any provision of the contract documents. All prior estimates and payment shall be subject to corrections in the final estimate and payment, but in the absence of error or manifest mistakes, it is agreed that all estimates on the certificate of the Engineer, when approved by the Owner, shall be conclusive of the work done and materials furnished.

Before the final payment is made, the Contractor must furnish an affidavit to the Owner that all bills for labor and materials have been paid; and an affidavit to the Owner stating that he has fully complied with Chapter 4115 of the Ohio Revised Code; and an affidavit to the Owner stating that he has fully complied with Sections 153.59 and 153.60 of the Ohio Revised Code.

XXII ENGINEER'S ESTIMATE

The Engineer's estimate for the work is \$1,193,000.00.

PROPOSAL

PROJECT- 2012 RESURFACING OF COUNTY ROADS 2, 82, 85, 151 & 169 IN SANDUSKY COUNTY, OHIO

PREQUALIFICATION OF BIDDERS- The right to make such investigations as may deemed necessary to determine the ability of the bidder to perform the work reserved. The bidder shall furnish all such information and data for this purpose as requested. The right is reserved to reject any bid, if the evidence submitted by or investigation of, such bidder fails to establish that such bidder is properly qualified to carry out the obligations of the contract.

COMPLETION DATE – September 30, 2012

LABOR - MATERIAL BREAKDOWN

In case of errors in extension or addition, the ratio between Labor and Material indicated below shall be maintained.

Amount Bid for Labor
Amount Bid for Materials
Total Amount Bid

(This page must be executed, in the appropriate place, prior to submission of this bid)

WRITTEN CONTRACT –

On acceptance of the for said work do hereby bind thisday of
(I OR WE) (MYSELF OR OURSELVES)
....., 20....., to enter into a written contract with the Sandusky County Commissioners within ten days from date of the notice of award.

IF AN INDIVIDUAL, SIGN BELOW:

..... (Name) (Post Office Address)
-----------------	--------------------------------

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

..... (Trade Name) (Post Office Address)
-----------------------	--------------------------------

.....**Sole Owner**

By.....

IF A PARTNERSHIP, SIGN BELOW:

..... (Post Office Address)
-------	--------------------------------

By.....

..... (Partner) (Post Office Address)
--------------------	--------------------------------

..... (Partner) (Post Office Address)
--------------------	--------------------------------

..... (Partner) (Post Office Address)
--------------------	--------------------------------

IF A CORPORATION, SIGN BELOW:

.....
(Name of Corporation)

Incorporated under the laws of the State of

By
(Signature)

.....
(Title of Officer Signing)

BID GUARANTY AND CONTRACT BOND

(Section 153.571 Ohio Revised Code)

KNOW ALL MEN BY THESE PRESENTS:

That we, the undersigned (1) _____
(full name or legal title of Contractor and address)

as principal and (2) _____
(full name or legal title of Surety)

_____ as sureties,
are hereby held and firmly bound unto the State of Ohio, for the use of Sandusky County hereinafter called the Oblige, in the penal sum of the dollar amount of the bid submitted by the Principal to the Oblige on _____, 20____ to undertake the project known as: _____
(description of project)

The penal sum referred to herein shall be the dollar amount of the Principal's bid to the Oblige, incorporating any additive or deductive alternate proposals made by the Principal on the date referred to above to the Oblige, which are accepted by the Oblige. In

no case shall the penal sum exceed the amount of _____ dollars (\$ _____)
(surety ceiling on the amount of the bond)

For the payment of the penal sum well and truly to be made, we hereby jointly and severally bind ourselves, our heirs, executors, administrators, successors, and assigns.

THE CONDITION OF THE ABOVE OBLIGATION IS SUCH, that whereas the above named Principal has submitted a bid on the above referred to project;

NOW, THEREFORE, if the Oblige accepts the bid of the Principal and the Principal fails to enter into a proper contract in accordance with the bid, plans, details, specifications, and bills of material; and in the event the Principal pays to the Oblige the difference not to exceed ten percent of the penalty hereof between the amount specified in the bid and such larger amount for which the Oblige may in good faith contract with the next lowest bidder to perform the work covered by the bid: or in the event the Oblige does not award the contract to the next lowest bidder and resubmits the project for bidding, the Principal will pay the Oblige the difference not to exceed ten percent of the penalty hereof between the amount specified in the bid, or the costs, in connection with the resubmission, of printing new contract documents, required advertising and printing and mailing notices to prospective bidders, whichever is less, then this obligation shall be null and void, otherwise to remain in full force and effect. If the Oblige accepts the bid of the Principal and the Principal within ten days after the awarding of the contract, enters into a proper contract in accordance with the bid, plans, details, specifications, and bills of material, which said contract is made a part of this bond the same as though set forth herein; and

IF THE SAID Principal shall well and faithfully perform each and every condition of such contract; and indemnify the Oblige against all damage suffered by failure to perform such contract according to the provisions thereof and in accordance with the plans, details, specifications, and bills of material therefore; and shall pay all lawful claims of subcontractors, material men, and laborers, for labor performed and materials furnished in the carrying forward, performing, or completing of said contract: we agreeing and assenting that this undertaking shall be for the benefit of any material man or laborer having a just claim, as well as for the Oblige herein; then this obligation shall be void; otherwise the same shall remain in full force and effect; it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall in no event exceed the penal amount of this obligation as herein stated. THE SAID Surety hereby stipulates and agrees that no modifications, omissions, or additions, in or to the terms of the said contract or in or to the plans and specifications therefore shall in any way affect the obligations of said Surety on this bond, and it does hereby waive notice of any such modifications, omissions or additions to the terms of the contract or to the work or to the specifications.

SIGNED AND SEALED This _____ day of _____, 20____
in presence of

(Witness to Principal's signature)

Principal

By: _____

Title: _____

(Witness to Surety's signature)

Approved _____, 20____

Surety

By: _____
Attorney-in Fact

Surety company address

Board of Commissioners

Surety Agent's name and address

I hereby approve the form of the forgoing Contract and Bond.
_____, 20____ Pros, Atty.

Attach corporation seal of principal if corporation.

Attach corporation seal of surety company if signing as surety.

(1) If a corporation, insert "A corporation organized under the laws of the State of _____, with it's principal place of business at _____ in Ohio".

(2) If a surety company, insert "A corporation organized under the laws of the State of _____ and duly authorized to transact business within the State of Ohio."

PROPOSAL

Attach to this page:

A properly executed Power of Attorney showing the authority of the person or persons executing the bond for the Surety or Sureties at the date of the bond;

or

A Certified Check

or

A Cashiers Check

or

A Letter of Credit

Note: The blank on the bond form where surety indicates the ceiling amount of the bond is not the penal sum of the bond, but the maximum surety will bond the bidder. If there is an error in the extension of unit prices and the total bid exceeds the ceiling amount indicated, the bid will be declared informal and may be rejected. In the event the contract were offered to the bidder, a new bond would be required. The words "Unlimited Dollars" are acceptable, if that is in fact the relationship between the bidder and his surety. The words "100% of the Contract" are also acceptable. The ceiling amount should not exceed the maximum dollar amount indicated on the Power of Attorney.

Affidavit

FOR

(CONTRACT)

STATE OF OHIO)

COUNTY OF _____)

_____, being duly sworn that he is a (sole proprietorship-partnership-corporation) having been awarded a public contract let by competitive bid and that by this statement says that at this time (he-it) (is-are) not charged with any delinquent personal taxes on the general tax list of personal property of any county in which the taxing district of the Sandusky County Commissioners has territory.

(Signature of owner-partner-office)

of _____ being first duly sworn, deposes and says that this statement made above, concerning delinquent personal property taxes is true. Sworn to before me and signed in my presence this _____ day of _____, 20_____.

(Notary Public)

My commission expires: _____

CERTIFICATION OF PERSONAL PROPERTY TAX

_____ being the fiscal officer of _____, a political subdivision of the State of Ohio, hereby certifies the above statement to the county treasurer.

Fiscal Officer of Sandusky County,
A Political Subdivision of the State of Ohio

This certification is in complete with Section 5719.042 of the Ohio Revised Code, which requires a certification of delinquent personal property by any successful bidder prior to the execution of the contract of a political subdivision and in the event there are any due and unpaid delinquent taxes, a copy of this shall be transmitted to the county treasurer within thirty days.

VERIFICATION OF “NO FINDING FOR RECOVERY”

No political subdivision shall award a contract for goods, services, or construction to a person against whom a Finding for Recovery has been issued by the Auditor of the State, if the Finding for Recovery is unresolved.

The undersigned, by their signature and title, document that no “Finding for Recovery” is outstanding for the bidder.

By: _____

Title: _____

***** FOR INSTRUCTIONAL USE ONLY *****

READ BEFORE COMPLETING YOUR DMA FORM

Forms not conforming to the specifications listed below or not submitted to the appropriate agency or office will not be processed.

- To complete this form, you will need a copy of the Terrorist Exclusion List for reference. The Terrorist Exclusion List can be found on the Ohio Homeland Security Web site at the following address:

<http://www.homelandsecurity.ohio.gov/dma/dma.asp>

- Be sure you have the correct DMA form. If you are applying for a state issued license, permit, certification or registration, the "State Issued License" DMA form must be completed (HLS 0036). If you are applying for employment with a government entity, the "Public Employment" DMA form must be completed (HLS 0037). If you are obtaining a contract to conduct business with or receive funding from a government entity, the "Government Business and Funding Contracts" DMA form must be completed (HLS 0038).
- Your DMA form is to be submitted to the issuing agency or entity. "Issuing agency or entity" means the government agency or office that has requested the form from you or the government agency or office to which you are applying for a license, employment or a business contract. For example, if you are seeking a business contract with the Ohio Department of Commerce's Division of Financial Institutions, then the form needs to be submitted to the Department of Commerce's Division of Financial Institutions. Do NOT send the form to the Ohio Department of Public Safety UNLESS you are seeking a license from or employment or business contract with one of its eight divisions listed below.

- Department of Public Safety Divisions:

Administration	Ohio Homeland Security*
Ohio Bureau of Motor Vehicles	Ohio Investigative Unit
Ohio Emergency Management Agency	Ohio Criminal Justice Services
Ohio Emergency Medical Services	Ohio State Highway Patrol

- * DO **NOT** SEND THE FORM TO OHIO HOMELAND SECURITY UNLESS OTHERWISE DIRECTED. FORMS SENT TO THE WRONG AGENCY OR ENTITY WILL NOT BE PROCESSED.

***** FOR INSTRUCTIONAL USE ONLY *****



GOVERNMENT BUSINESS AND FUNDING CONTRACTS
 In accordance with section 2909.33 of the Ohio Revised Code

DECLARATION REGARDING MATERIAL ASSISTANCE/NONASSISTANCE TO A TERRORIST ORGANIZATION

This form serves as a declaration by an applicant for a government contract or funding of material assistance/nonassistance to an organization on the U.S. Department of State Terrorist Exclusion List ("TEL"). Please see the Ohio Homeland Security Division Web site for a copy of the TEL.

Any answer of "yes" to any question, or the failure to answer "no" to any question on this declaration shall serve as a disclosure that material assistance to an organization identified on the U.S. Department of State Terrorist Exclusion List has been provided. Failure to disclose the provision of material assistance to such an organization or knowingly making false statements regarding material assistance to such an organization is a felony of the fifth degree.

For the purposes of this declaration, "material support or resources" means currency, payment instruments, other financial securities, funds, transfer of funds, financial services, communications, lodging, training, safe houses, false documentation or identification, communications equipment, facilities, weapons, lethal substances, explosives, personnel, transportation, and other physical assets, except medicine or religious materials.

COMPLETE THIS SECTION ONLY IF YOU ARE AN INDEPENDENT CONTRACTOR

LAST NAME		FIRST NAME		MI
HOME ADDRESS				
CITY	STATE	ZIP	COUNTY	
HOME PHONE () -		WORK PHONE () -		

COMPLETE THIS SECTION ONLY IF YOU ARE A COMPANY, BUSINESS OR ORGANIZATION

BUSINESS/ORGANIZATION NAME			PHONE () -	
BUSINESS ADDRESS				
CITY	STATE	ZIP	COUNTY	
BUSINESS/ORGANIZATION REPRESENTATIVE NAME			TITLE	

DECLARATION

In accordance with section 2909.32 (A)(2)(b) of the Ohio Revised Code

For each question, indicate either "yes," or "no" in the space provided. Responses must be truthful to the best of your knowledge.

- Are you a member of an organization on the U.S. Department of State Terrorist Exclusion List? Yes No
- Have you used any position of prominence you have with any country to persuade others to support an organization on the U.S. Department of State Terrorist Exclusion List? Yes No
- Have you knowingly solicited funds or other things of value for an organization on the U.S. Department of State Terrorist Exclusion List? Yes No
- Have you solicited any individual for membership in an organization on the U.S. Department of State Terrorist Exclusion List? Yes No
- Have you committed an act that you know, or reasonably should have known, affords "material support or resources" to an organization on the U.S. Department of State Terrorist Exclusion List? Yes No
- Have you hired or compensated a person you knew to be a member of an organization on the U.S. Department of State Terrorist Exclusion List, or a person you knew to be engaged in planning, assisting, or carrying out an act of terrorism? Yes No

If an applicant is prohibited from receiving a government contract or funding due to a positive indication on this form, the applicant may request the Ohio Department of Public Safety to review the prohibition. Please see the Ohio Homeland Security Web site for information on how to file a request for review.

CERTIFICATION

I hereby certify that the answers I have made to all of the questions on this declaration are true to the best of my knowledge. I understand that if this declaration is not completed in its entirety, it will not be processed and I will be automatically disqualified. I understand that I am responsible for the correctness of this declaration. I understand that failure to disclose the provision of material assistance to an organization identified on the U.S. Department of State Terrorist Exclusion List, or knowingly making false statements regarding material assistance to such an organization is a felony of the fifth degree. I understand that any answer of "yes" to any question, or the failure to answer "no" to any question on this declaration shall serve as a disclosure that material assistance to an organization identified on the U.S. Department of State Terrorist Exclusion List has been provided by myself or my organization. If I am signing this on behalf of a company, business or organization, I hereby acknowledge that I have the authority to make this certification on behalf of the company, business or organization referenced on page 1 of this declaration.

APPLICANT SIGNATURE X	DATE
---------------------------------	------

CONTRACT AGREEMENT

This agreement, made this.....day of,A. D.20.....
Between the Board of County Commissioners of Sandusky County, Ohio hereinafter called the Party of the First Part, and

ofand.....successors,
executors, administrators and assigns, hereinafter called the Party of the Second Part,

WITNESSETH: That for and in consideration of payments hereinafter mentioned to be made by Party of the First Part, Party
of the Second Part agrees to furnish all materials excepting the following:

and all appliances, tools, and labor, and perform all the work that may be required for the construction and completion of
Improvement No.....known as.....

according to the plans and specifications and estimates for the construction of said improvement on file in the offices of said
Commissioners and the Engineer of said County, and to the satisfaction and acceptance of the Party of the First Part, and subject to
inspection at all times and approval of the County Engineer and said Commissioners.

The Party of the Second Part also agrees to complete said improvement in accordance with the completion date set forth in
the proposal.

The Party of the Second Part further covenants and agrees that the following papers shall be bound with or accompany and be
an essential part of this contract: Advertisement, Information to Bidders, plans and specifications, contract bond and approximate
estimate and proposal.

In consideration of the premises the Party of the First Part agrees to pay to the Party of the Second Part the approximate sum
of(\$.....) Dollars.
The actual sum to be paid, however, will be the aggregate total determined by the work actually performed according to the plans and
specifications by the Party of the Second Part, calculated upon the unit prices set out in this proposal hereto attached and made a part
hereof.

Sureties on any bond provided in this contract and insurance companies writing any insurance policies provided in the
contract, and the contractor by the execution of the bid and contract shall by the same agree to and herby authorize any attorney at law
to appear in any court of record in Sandusky County, State of Ohio in any action or proceeding, either in contract or tort, commenced
by any person, firm or corporation claiming to suffer or incur any damage or injury arising out of the construction of this contract or
the attempted performance, non-performance, improper performance of the work done in connection therewith, or caused by the
misfeasance or malfeasance in an attempt to carry out or perform said contract. Said parties herby waive the issuance and service of
summons and enter appearance of such party in any such action or proceedings; provided that no judgement or decree will be taken
thereafter in such legal action or proceedings, until after three weeks shall elapse after such attorney at law shall notify by registered
mail such party at his or it's business address designated on such document of the fact:

- a. of such waiver and entry of appearance,
b. with the name of such action,
c. title of same,
d. the name of the court,
e. the date of filing of such waiver and entry of appearance,
f. furnish a copy of the petition, and
g. furnish a copy of such waiver and entry of appearance in such action or proceedings to such party whose appearance is
entered.

IN WITNESS WHEREOF, The Party of the First Part has hereunto subscribed by the Board of County Commissioners, and
the Party of the Second Part has affixed.....name.

Board of County Commissioners

Attest:

By.....

Party of the First Part

Clerk, Board of County Commissioners

I hereby certify that there is

Contractor

\$.....

in thefund
of Sandusky County not otherwise appropriated
to satisfy the above payment of the above
mentioned contract.

By.....

If a partnership, so state, giving names and post
office addresses of all partners on lines opposite.

If a corporation, give full corporation name and
state under the laws of what state you are
incorporated: officer signing should add his
title after signature.

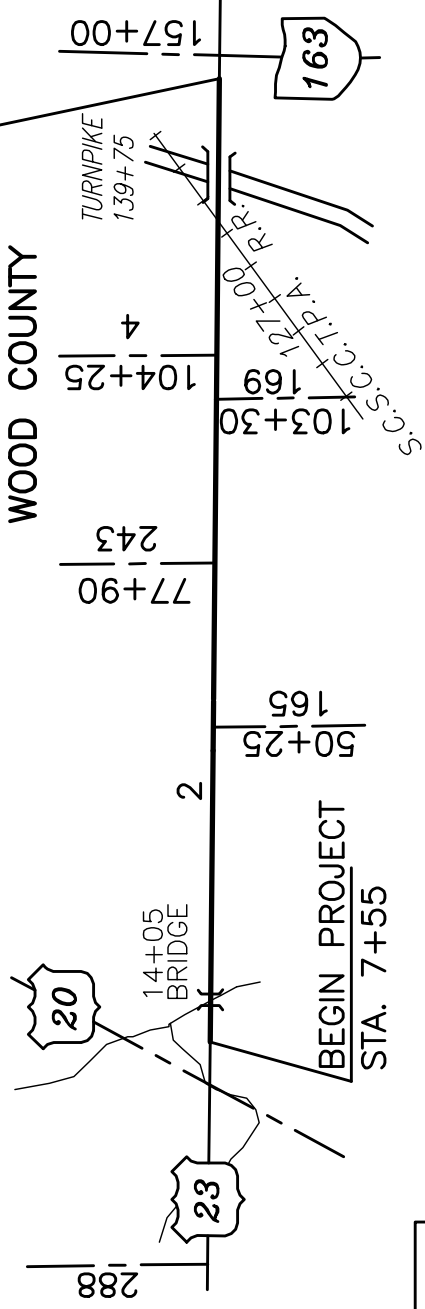
Party of the Second Part

C.R. 2

BY RGR DATE NOV 2011

END PROJECT
STA. 156+50

NOTE: BRIDGE DECK SHALL BE PAVED FULL WIDTH WITH 1/2" OF SCRATCH OF ITEM 448 TYPE 1. WATERPROOFING AND DRIP STRIP SHALL BE APPLIED BY COUNTY FORCES BEFORE ITEM 448, SURFACE COURSE TYPE 1 IS APPLIED.



WOOD COUNTY

TURNPIKE
139+75

14+05
BRIDGE

2

R.R.
127+00

R.R.
127+00

BEGIN PROJECT
STA. 7+55

288

104+25

243

77+90

165

150+25

169

103+30

163

157+00

157+00

157+00

157+00

157+00

157+00

157+00

157+00

157+00

157+00

157+00

157+00

157+00

157+00

157+00

ITEM 644 THERMOPLASTIC PAVT. MARKING	
STOP LINE	RAILROAD SYMBOL MARKING
	72"
FOOT	EACH
0	2



NO SCALE

FROM	TO	FEET	WIDTH	THICKNESS	SQ. YARDS
20+75	50+25	2,950'	19.5'	1 1/2"	6,392
50+25	156+50	10,625'	19.5'	3/4"	23,021
				ADDITIONAL ALLOWANCE	100
				TOTAL	29,513

ROAD MILES	EDGE LINE MILES (LINE)	CENTERLINE MILES (LINE)
2.82	5.65	1.45

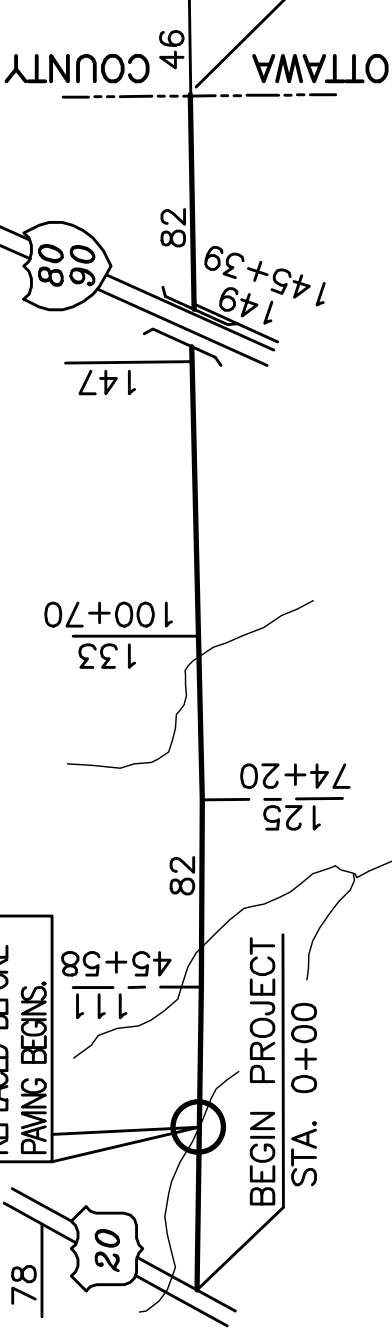
NOTE: PAVE FULL WIDTH. SEE SUPPLEMENTAL SPECIFICATIONS.

* INCLUDES APPLICATION ON EXISTING PAVEMENT AND INTERMEDIATE COURSE.
** INCLUDES APPLICATION ON PLANED SURFACES, INTERMEDIATE COURSE AND SURFACE COURSE.

FROM	TO	LENGTH LIN. FT.	TYPICAL WIDTH	407	408	ITEM 448 INTERMEDIATE COURSE TYPE 2 (PG 64-22)		ITEM 448 SURFACE COURSE TYPE 1 (PG 64-22)		ITEM 448 SURFACE COURSE TYPE 2 (PG 64-22)		ITEM 614	ITEM 617
				TACK COAT @.05 GAL./S.Y. @40 GAL./S.Y.	PRIME COAT @40 GAL./S.Y.	THICKNESS	TONS	THICKNESS	TONS	THICKNESS	TONS	WORK ZONE CENTERLINE CLASS II	COMPACTED AGGREGATE, TYPE 411
7+55	14+05	650	20'-0"	*144		1 1/4"	100	1 1/4"	100	0.25	34		
14+05	50+25	3,620	19'-6"	*784		1 1/4"	544	1 1/4"	544	1.37	189		
50+25	151+75	10,150	19'-6"	*2,199		1"	1,222	1 1/4"	1,527	3.84	577		
151+75	156+50	475	20'-0"	*105		1 1/4"	74	1 1/4"	74	0.18	30		
Allowance for driveways, intersections, radii, width variations, etc.				73			100		100	2.57 (MILLING)	25		
Total				3,305			2,345		2,345	**8.21	855		

ITEM 254 PAVEMENT PLANING			
FROM	TO	FEET WIDTH	THICKNESS SQ. YARDS
0+00	5+90	18'-9"	1 1/2" 1,229
13+00	24+50	18'-9"	1 1/2" 2,396
43+75	51+50	18'-9"	1 1/2" 1,615
74+50	144+95	18'-9"	1 1/2" 14,667
147+00	177+90	18'-9"	1 1/2" 6,438
		ADDITIONAL ALLOWANCE	155
		TOTAL	26,500

BRIDGE TO BE REPLACED BEFORE PAVING BEGINS.



NOTE: THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER PRIOR TO PAVING THIS ROAD TO ENSURE THAT ALL WORK BEING DONE BY COUNTY FORCES IS COMPLETED.

NOTE: PAVE FULL WIDTH. SEE SUPPLEMENTAL SPECIFICATIONS.

ITEM 644 THERMOPLASTIC PAVT. MARKING	
STOP LINE FOOT	
12	

ITEM 643 TRAFFIC PAINT	
ROAD MILES	CENTERLINE MILES (LINE)
3.41	1.88

* INCLUDES APPLICATION ON EXISTING PAVEMENT AND INTERMEDIATE COURSE.
 ** INCLUDES APPLICATION ON PLANED SURFACES, INTERMEDIATE COURSE AND SURFACE COURSE.

FROM	TO	LENGTH LIN. FT.	TYPICAL WIDTH	407 TACK COAT @0.05 GAL./S.Y. GALS.	408 PRIME COAT @40 GAL./S.Y. GALS.	ITEM 448 INTERMEDIATE COURSE TYPE 1 (PG 64-22) THICKNESS	ITEM 448 INTERMEDIATE COURSE TYPE 2 (PG 64-22) THICKNESS	ITEM 448 SURFACE COURSE TYPE 1 (PG 64-22) THICKNESS	ITEM 448 SURFACE COURSE TYPE 2 (PG 64-22) THICKNESS	ITEM 614 WORK ZONE CENTERLINE CLASS II MILE	ITEM 617 COMPACTED AGGREGATE, TYPE 411 TONS
0+00	180+00	18,000'	18'-9"	*3,750		1/2"		1"	2,083	6.82	937
REPLACED BRIDGE AREA											
Allowance for driveways, intersections, radii, width variations, etc.				150						2.40 (MILLING)	63
				3,900						**9.22	1,000

R.P.M.: PROPOSED RAISED PAVEMENT MARKERS SHALL BE CONSTRUCTED AFTER THE FINAL PAVEMENT MARKING MATERIAL IS APPLIED.

THE COST FOR THE REMOVAL OF THE EXISTING R.P.M.s SHALL BE INCLUDED IN THE UNIT PRICE BID FOR "ITEM 621 RAISED PAVEMENT MARKER."

NOTE: BRIDGE DECK SHALL BE PAVED FULL WIDTH WITH 1/2" OF SCRATCH OF ITEM 448 TYPE 1. WATERPROOFING AND DRIP STRIP SHALL BE APPLIED BY COUNTY FORCES BEFORE ITEM 448. SURFACE COURSE TYPE 1 IS APPLIED.

ITEM 621	
RAISED PAVEMENT MARKERS REMOVED	RAISED PAVEMENT MARKERS
199	200

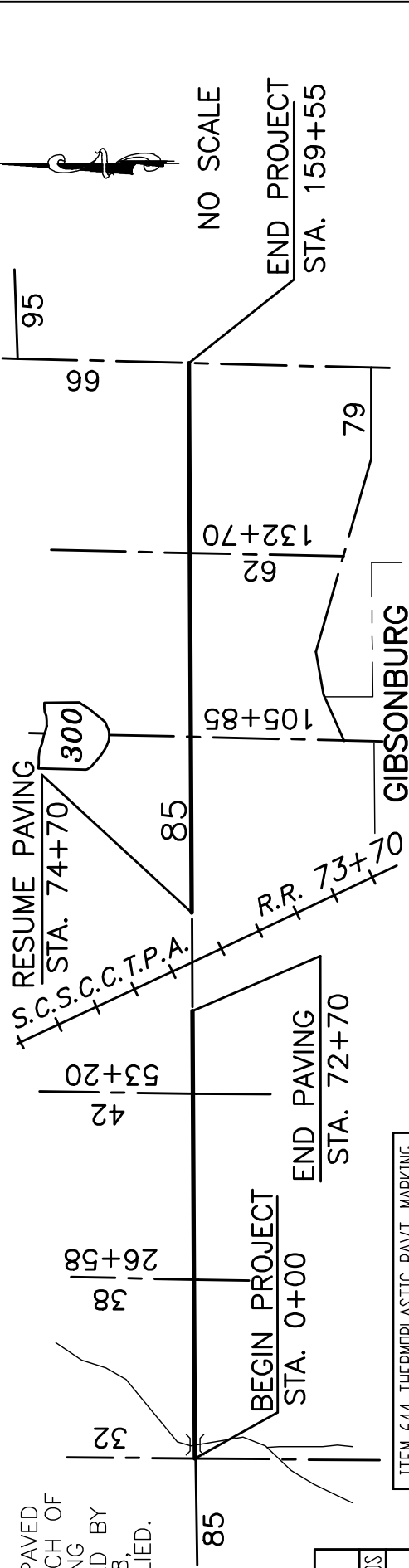
ITEM 254 PAVEMENT PLANING				
FROM	TO	FEET	WIDTH	THICKNESS SO. YARDS
00+00	26+50	2,650	21'-3"	1 1/2"
38+75	66+25	2,750	21'-3"	1 1/2"
106+40	118+75	1,235	21'-3"	1 1/2"
132+50	149+00	1,650	21'-3"	1 1/2"
			ADDITIONAL ALLOWANCE	138
			TOTAL	19,700

ITEM 644 THERMOPLASTIC PAVT. MARKING	
STOP LINE	RAILROAD SYMBOL MARKING
48	72'
	EACH
	2

ITEM 643 TRAFFIC PAINT	
ROAD MILES	CENTERLINE MILES (LINE)
3.02	6.04
	2.32

* INCLUDES APPLICATION ON EXISTING PAVEMENT AND INTERMEDIATE COURSE.
 ** INCLUDES APPLICATION ON PLANED SURFACES, INTERMEDIATE COURSE AND SURFACE COURSE.

NOTE: TRAFFIC TO BE MAINTAINED AT ALL TIMES PER O.D.O.T. SPECIFICATIONS.



C.R. 85

BY RGR DATE NOV 2011

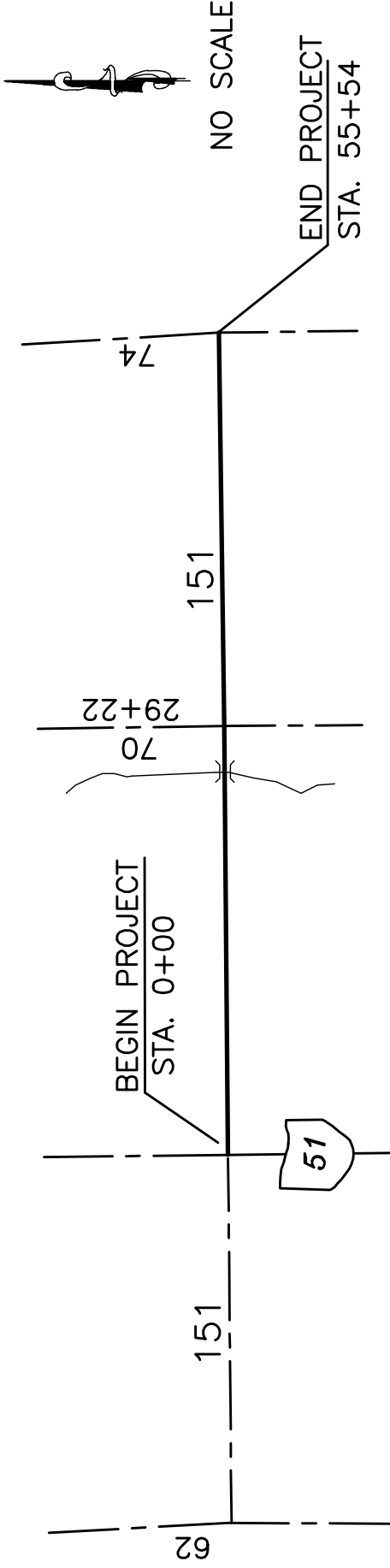
FROM	TO	LENGTH		TYPICAL WIDTH	407 TACK COAT @.05 GAL./S.Y.	408 PRIME COAT @40 GAL./S.Y.	ITEM 448 INTERMEDIATE COURSE TYPE 2 (PG 64-22)		ITEM 448 SURFACE COURSE TYPE 1 (PG 64-22)		ITEM 448 SURFACE COURSE TYPE 2 (PG 64-22)		ITEM 614 WORK ZONE CENTERLINE CLASS II		*ITEM 617 COMPACTED AGGREGATE, TYPE 411
		LIN. FT.					THICKNESS	TONS	THICKNESS	TONS	THICKNESS	TONS	MILE	TONS	
0+00	72+70	7,270		21'-3"	*1,717		1/2"	477	1 1/4"	1,192					
74+70	159+55	8,485		21'-3"	*2,003		1/2"	557	1 1/4"	1,391			** 7.61	825	
Allowance for driveways, intersections, radii, width variations, etc.								116			217				75
Total								1,150			2,800			7.61	900

C.R. 151

BY RGR DATE NOV 2011

ITEM 643 TRAFFIC PAINT	
ROAD MILES	1.05
EDGE LINE MILES (LINE)	2.10
CENTERLINE MILES (LINE)	1.05

ITEM 644 THERMOPLASTIC PAVT. MARKING	
STOP LINE	RAILROAD SYMBOL MARKING 72'
FOOT	EACH
24	0



NOTE: BRIDGE DECK SHALL BE PAVED FULL WIDTH WITH 1/2" OF SCRATCH OF ITEM 448 TYPE 1. WATERPROOFING AND DRIP STRIP SHALL BE APPLIED BY COUNTY FORCES BEFORE ITEM 448. SURFACE COURSE TYPE 1 IS APPLIED.

NOTE: PAVE FULL WIDTH. SEE SUPPLEMENTAL SPECIFICATIONS.

* INCLUDES APPLICATION ON EXISTING PAVEMENT AND INTERMEDIATE COURSE.

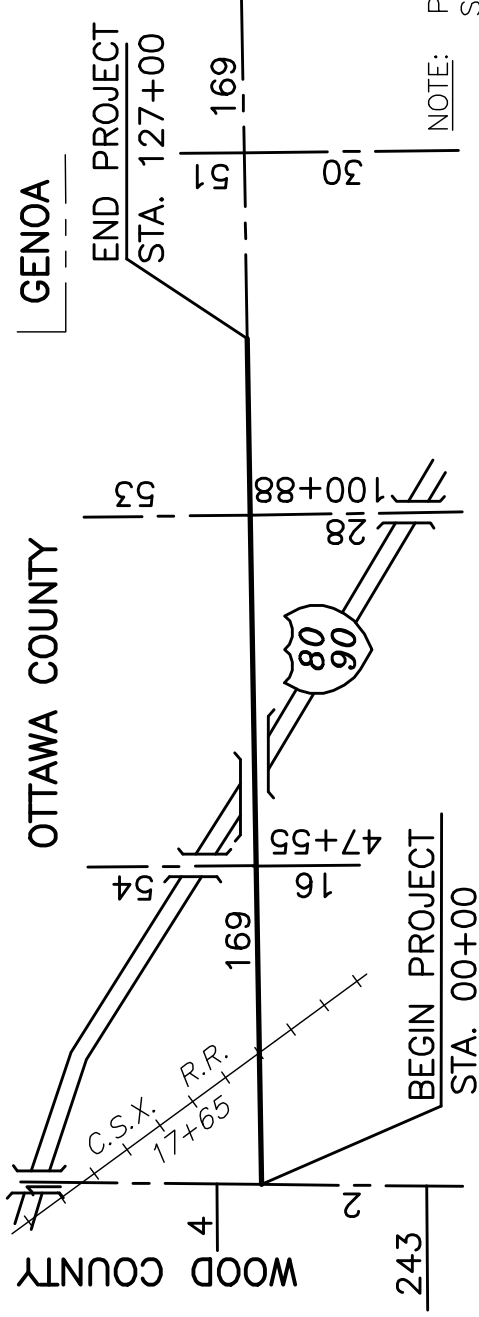
** INCLUDES APPLICATION ON INTERMEDIATE COURSE AND SURFACE COURSE.

FROM	TO	LENGTH LIN. FT.	TYPICAL WIDTH	407 TACK COAT @.05 GAL./S.Y.		408 PRIME COAT @.40 GAL./S.Y.		ITEM 448 INTERMEDIATE COURSE TYPE 1 (PG 64-22)		ITEM 448 INTERMEDIATE COURSE TYPE 2 (PG 64-22)		ITEM 448 SURFACE COURSE TYPE 1 (PG 64-22)		ITEM 448 SURFACE COURSE TYPE 2 (PG 64-22)		ITEM 614 WORK ZONE CENTERLINE CLASS II		ITEM 617 COMPACTED AGGREGATE, TYPE 411	
				GALS.	GALS.	THICKNESS	TONS	THICKNESS	TONS	THICKNESS	TONS	THICKNESS	TONS	MILE	TONS	THICKNESS	TONS	MILE	TONS
0+00	55+54	5,554	18'-3"	*1,126		1/2"	313	1"	626					**2.10	290				
Allowance for driveways, intersections, radii, width variations, etc.				74			37		49										
Total				1,200			350		675						2.10	325			

ITEM 254 PAVEMENT PLANING			
FROM	TO	FEET WIDTH	THICKNESS SQ. YARDS
20+80	28+00	720'	18.5' 1 1/2" 1,480
44+25	47+50	325'	18.5' 1 1/2" 668
47+65	61+50	1,385'	18.0' 1 1/2" 2,770
61+50	62+65	115'	26.0' 1 1/2" 332
66+90	68+20	130'	26.0' 1 1/2" 376
125+50	127+00	150'	18.0' 1 1/2" 300
		ADDITIONAL ALLOWANCE	74
		TOTAL	6,000

ITEM 644 THERMOPLASTIC PAVT. MARKING	
STOP LINE	RAILROAD SYMBOL MARKING
72	72"
	EACH
	2

ITEM 643 TRAFFIC PAINT		
ROAD MILES	EDGE LINE MILES (LINE)	CENTERLINE MILES (LINE)
2.40	5.84	2.26



NOTE: PAVE FULL WIDTH. SEE SUPPLEMENTAL SPECIFICATIONS.

NOTE: THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER PRIOR TO PAVING THIS ROAD TO ENSURE THAT ALL WORK BEING DONE BY COUNTY FORCES IS COMPLETED.

* INCLUDES APPLICATION ON EXISTING PAVEMENT AND INTERMEDIATE COURSE. (AND BASE COURSE AT STA. 16+15-19+15)

** INCLUDES APPLICATION ON PLAINED SURFACES, INTERMEDIATE COURSE AND SURFACE COURSE.

C.R. 169

BY RGR DATE DEC 2011

FROM	TO	LENGTH LIN. FT.	TYPICAL WIDTH	407 TACK COAT @.05 GAL./S.Y.		408 PRIME COAT @.40 GAL./S.Y.		ITEM 301 BASE COURSE		ITEM 448 INTERMEDIATE COURSE TYPE 1 (PG 64-22)		ITEM 448 SURFACE COURSE TYPE 1 (PG 64-22)		ITEM 448 SURFACE COURSE TYPE 2 (PG 64-22)		ITEM 614 WORK ZONE CENTERLINE CLASS II MILE	*ITEM 617 COMPACTED AGGREGATE, TYPE 411 TONS
				GALS.	GALS.	THICKNESS	TONS	THICKNESS	TONS	THICKNESS	TONS						
0+00	16+15	1,615'	18'-6"	*332				6"		1 1/2"	93	1"	185		1.80	85	
16+15	19+15	300'	18'-6"	*93					206	1 1/2"	18	1"	35		1.80	16	
19+15	47+55	2,840'	18'-6"	*584						1 1/2"	163	1"	325		1.80	148	
47+55	61+40	1,385'	18'-0"	*277						1 1/2"	77	1"	154		0.52	72	
61+40	62+65	125'	26'-0"	*36						1 1/2"	10	1"	20		0.05	0	
66+90	68+20	130'	26'-0"	*38						1 1/2"	10	1"	21		0.05	0	
68+20	127+00	5,880'	18'-0"	*1,176						1 1/2"	327	1"	653		2.23	307	
Allowance for driveways, intersections, radii, width variations, etc.									24		102				0.55 (MILLING)	52	
TOTAL				2,680				230		800					**5.20	680	

SANDUSKY COUNTY
SUPPLEMENTAL SPECIFICATIONS
FOR
ASPHALT CONCRETE

COMPLETION DATE

Complete all work by September 30, 2012.

GENERAL

The requirements of Items 401, 402, 403, 441 and 448 of the 2010 Edition of the State of Ohio, Department of Transportation, Construction and Materials Specifications (ODOT C & MS) apply, except as modified by these Supplemental Specifications. Item 448.03, Density, does not apply.

The functions of the "Monitoring Team" will be performed by the Sandusky County Engineer or a designated representative.

The Contractor shall coordinate with the Engineer prior to paving C. R. 82 and C. R. 169 to ensure that all work being done by county forces is completed.

JOB MIX FORMULA (JMF)

The JMF may be developed specifically for this project and approved by ODOT or may be one previously approved by ODOT. ODOT approved JMF must be accompanied with a copy of the ODOT approval letter.

Use PG 64-22 asphalt binder.

ASPHALT CONCRETE MIXING PLANT

Submit a copy of ODOT approval letter of plant calibration at least one (1) week prior to the beginning of production to the County Engineer.

METHOD OF PAYMENT

Asphalt concrete will be bid and paid for on a tonnage basis. All tonnage, in excess of the contract amount, will be at the Contractor's expense, unless otherwise authorized by the Engineer.

PRICE ADJUSTMENTS

Price adjustments will not be made for asphalt binder, fuel or steel price fluctuations.

GENERAL CONSTRUCTION PROCEDURES

1. Cross-slope shall be 3/16" per foot, unless otherwise specified by the Engineer.
2. Paving is to be a continuous operation. Regulate the speed of the paver to eliminate stops between loads.
3. Do not place asphalt concrete when the air temperature is less than sixty (60) degrees F. Unless waived by the Sandusky County representative on site.
4. Do not place asphalt concrete on wet surfaces. In the event of rain during the paving operation, only those trucks in route immediately after the rain has started will be permitted to unload.
5. Do not permit traffic on asphalt concrete until it has cured sufficiently so no marking will appear.

DRIVEWAYS & MAILBOX APPROACHES

Do not use private driveways to turn around.

Extend asphalt concrete four (4) feet, or as directed by the Engineer, into all driveways and mailbox approaches.

MAINTAINING TRAFFIC

Maintain traffic at all times, except on roads designated for full width paving.

Erect and maintain all necessary signs and traffic control devices in conformance with Item 614, Maintaining Traffic and the Ohio Manual of Uniform Traffic Control Devices.

Always give emergency vehicles access.

Do not use Township roads.

Payment for all involved costs will be made in the Lump Sum bid Item 614 Maintaining Traffic.

PAVEMENT MARKING

This work shall conform to the 2010 ODOT Construction Materials Specifications, Item 640, "Pavement Marking" and Item 643, "Polyester Pavement Markings" except as modified below.

A. Paint Specifications

The center line and edge line shall conform to Item 740.03, Polyester Pavement Marking in the 2010 Construction and Materials Specifications and contain code number listed on the Office of Materials Management approved list.

B. The county will provide the required "T" marking.

C. Paint Striping shall only be performed when both the pavement surface and the air temperature are above the following respective temperature.

Polyester Pavement Marking: 50° F

D. The protection of the painted lines shall be the responsibility of the Contractor. The Contractor shall repaint, at his own expense, any lines tracked through by the traveling Public. Payment for this "protection" will be made under Item 614: Lump Sum; Maintaining Traffic.

LOAD LIMITS

Paint the Gross Vehicle Weight (in pounds) in an obvious location on the side of any vehicle used to haul material to this project. Do not exceed this amount.

If a vehicle exceeds this amount, liquidated damages per the following schedule will be deducted from money due the Contractor:

<u>Overload</u>	<u>Liquidated Damages</u>
Less than 2,000 lb.	\$80.00
2,000 to 5,000 lb.	\$100.00 plus \$1.00 per 100 lb. of total overload
5,000 to 10,000 lb.	\$130.00 plus \$2.00 per 100 lb. of total overload
Over 10,000	\$160.00 plus \$3.00 per 100 lb. of total overload

GUARANTEE

Guarantee for a period of one year from the date of completion of the work that it is free from all defects due to faulty materials and workmanship. Promptly make corrections as may be necessary by the reason of such defects. The Engineer will give notice of observed defects with reasonable promptness. If repairs, adjustments or other work which may be necessary by such defects are not made, the Engineer may do so and charge the Contractor the cost thereby incurred. The Contract bond is required to be in full force and effect through the guarantee period.