# VARIOUS COUNTY ROAD IMPROVEMENTS
# in
# SANDUSKY COUNTY, OHIO

## BIDS RECEIVED FEBRUARY 27, 2020 AT 10:30 AM

## ENGINEER'S ESTIMATE: $770,000.00

**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,
# CONTRACT DOCUMENTS,
# and
# SPECIFICATIONS
# for the
# VARIOUS COUNTY ROAD IMPROVEMENTS
# in
# SANDUSKY COUNTY, OHIO

PREPARED BY THE OFFICE OF

SANDUSKY COUNTY ENGINEER
CARLOS A. BAEZ SR., P.E., P.S.
2500 WEST STATE STREET
FREMONT, OHIO 43420
(419) 334-9731
www.sanduskycountyengineers.com

LETTING DATE February 27, 2020@10:30 AM

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 PROJECT**

**ADVERTISEMENT FOR BIDDING**
**LEGAL NOTICE**

Sealed Proposals will be received by the Sandusky County Board of Commissioners, 622 Croghan Street, Fremont, Ohio 43420 until 10:30 AM on February 27, 2020 for the furnishing of all labor, materials and equipment necessary to complete the projects known as the County Road 177 Improvements; Various County Road Improvements; and County Road 89, County Road 106, and Linden Avenue (Gibsonburg) Resurfacing 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., Fremont, Ohio 43420 without charge, or at the following website www.sanduskycountyengineers.com.

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

Proposals must be submitted on the forms furnished or downloaded from the 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% of the amount bid 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 wage rates on Public Improvements in, Sandusky County, pursuant to the Department of Industrial Compliance and Labor. The completion date for the County Road 177 Improvements, and the County Road 89, County Road 106, and Linden Avenue (Gibsonburg) Resurfacing is September 30, 2020. The completion date for the Various County Road Improvements is October 15, 2020.

By the Order of the Board of County Commissioners

By Theresa Garcia, Administrator

Notice to Newspaper

Please publish Wednesday, February 12, 2020

# 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 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 2019 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 until the status of a Local Transportation Improvement Project (LTIP) grant is determined by the Ohio Public Works Commission (OPWC). This is anticipated upon or about July 1, 2020. Award of this contract is contingent upon receipt of this grant.

## 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.
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 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 to 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 $770,000.00.

**OPWC PROPOSAL NOTES – For insertion into Bid Documents (Rev 6/16)**

**1. STEEL PRODUCTS MADE IN THE UNITED STATES**
Domestic steel use requirements as specified in Ohio Revised Code §153.011 apply to this project. Copies of §153.011 can be obtained from any of the offices of the department of administrative services or through http://codes.ohio.gov/orc/153.011.

**2. PREVAILING WAGES ON STATE PROJECTS WITH NO FEDERAL-AID (Should this project contain Federal-aid funds then Federal Prevailing Wages must be paid. Contact the appropriate Federal funding agency for language.)**
This contract is subject to Ohio Prevailing Wage Laws, Chapter 4115 of the Ohio Revised Code and the Contractor and all subcontractors shall comply with all provisions contained therein or as otherwise provided by this note. The Contractor guarantees that the prevailing wage scale to be paid to all laborers and mechanics employed on this contract shall be in accordance with the schedule of the prevailing hourly wage and fringe benefits as determined by the Ohio Department of Commerce for the county in which the work is being performed. The failure to pay prevailing wages to all laborers and mechanics employed on this project shall be considered a breach of contract. Such a failure may result in the revocation of the contractor's and/or subcontractor's certificate of qualification and debarment. A schedule of the most current prevailing wage rates may be accessed by logging in/registering with the Ohio Department of Commerce, Labor and Worker Safety Division, Wage and Hour Bureau at the following web address:

http://198.234.41.198/w3/webwh.nsf/wrlogin/?openform

***The Contractor and all subcontractors shall compensate the employees on this contract at a pay rate not less than the hourly wage and fringe rate listed on the website noted above, for the applicable job classification or as may be modified by the Ohio Department of Commerce, Division of Labor and Worker Safety Wage and Hour Bureau, when new prevailing rates are established.***

Overtime shall be paid at one and one-half times the basic hourly rate for any hours worked beyond forty hours during a pay week. The Contractor and all subcontractors shall pay all compensation by company check to the worker and fringe benefit program.

The wage and fringe rates determined for this project or as may be later modified, shall be posted by the Contractor in a prominent and accessible place on the project, field office, or equipment yard where they can be easily read by the workers or otherwise made available to the workers. On the first pay date of contract work the Contractor and all subcontractors shall furnish each employee covered by prevailing wage a completed form (WHPW-1512) in accordance with section 4115.05 of the Ohio Revised Code, showing the classification, hourly pay rate, and fringes, and identifying the public authority's Prevailing Wage Coordinator, if such employees are not covered by a collective bargaining agreement or understanding between employers and bona fide organizations of labor. These forms shall be signed by the Contractor or subcontractor and the employee and kept in the Contractor's or subcontractor's payroll files.

The Contractor and all subcontractors shall submit to the Prevailing Wage Coordinator, certified payrolls on form WHPW-1512 or equivalent, in accordance with sections 4115.07 and 4115.071 (C) of the Ohio Revised Code, three weeks after the start of work and every subsequent week until the completion of the contract. Additionally, a copy of the "Apprentice Certification" obtained from the Ohio State Apprenticeship Council, must accompany all certified payrolls submitted, for all apprentices working on this project. Upon completion of the contract and before the final payment, the Contractor shall submit to the Prevailing Wage Coordinator a final wage affidavit in accordance with section 4115.07 of the Ohio Revised Code stating that wages have been paid in conformance with the minimum rates set forth in the contract. Please be aware that it is ultimately the responsibility of the Contractor to ensure that all laws relating to prevailing wages in Chapter 4115 of the Ohio Revised Code are strictly adhered to by all subcontractors.

The Contractor and all subcontractors shall make all of its payroll records available for inspection, copying or transcription by any authorized representative of the contracting agency. Additionally, the Contractor and all subcontractors shall permit such representatives to interview any employees during working hours while the employee is on the job.

**3. UNRESOLVED FINDING FOR RECOVERY**
The Contractor affirmatively represents to the local contracting authority that it is not subject to a finding for recovery under Ohio Revised Code §9.24, or that it has taken the appropriate remedial steps required under §9.24 or otherwise qualifies under that section. The Contractor agrees that if this representation is deemed to be false, the contract shall be void ab initio as between the parties to this contract, and any funds paid by the state hereunder shall be immediately repaid to the local contracting authority, or an action for recovery may be immediately commenced by the local government and/or for recovery of said funds.

**4. OHIO WORKERS' COMPENSATION COVERAGE**

The Contractor must secure and maintain valid Ohio workers' compensation coverage until the project has been finally accepted by the local contracting authority. A certificate of coverage evidencing valid workers' compensation coverage must be submitted to the local contracting authority before the contract is executed.

The Contractor must immediately notify the local contracting authority, in writing, if it or any subcontractor fails or refuses to renew their workers' compensation coverage. Furthermore, the Contractor must notify the local contracting authority, in writing, if its or any of its subcontractor's workers' compensation policies are canceled, terminated or lapse.

The failure to maintain valid workers' compensation coverage shall be considered a breach of contract which may result in the Contractor or subcontractor being removed from the project, withholding of pay estimates and/or termination of the contract.

**5. DRUG-FREE WORKPLACE PROGRAM**

In accordance with Ohio Revised Code §153.03 and during the life of this project, the Contractor and all its Subcontractors that provide labor on the Project site must be enrolled in and remain in good standing in the Ohio Bureau of Worker's Compensation ("OBWC") Drug-Free Workplace Program ("DFWP") or a comparable program approved by the OBWC.

**6. OHIO PREFERENCE**

In accordance with Ohio Revised Code §164.05 (A)(6), to the extent practicable, the Contractor and subcontractor shall use Ohio products, materials, services and labor in connection with this project.

**7. BID GUARANTY**

In accordance with Ohio Revised Code §153.54, the contractor shall file with the bid 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 equal to 10% of the bid.

**8. OHIO ETHICS LAW**

Contractor agrees that it is currently in compliance and will continue to adhere to the requirements of Ohio Ethics law as provided by Section 102.03 and 102.04 of the Ohio Revised Code.

**9. STATE OF OHIO EQUAL EMPLOYMENT OPPORTUNITY REQUIREMENTS**

**NOTICE TO CONTRACTORS:**

The provisions of the Ohio Administrative Code (OAC) 123:2-3-02 through 124:2-9 regarding Equal Employment Opportunity on State Construction Contracts and State-assisted Construction Contracts, and OAC 123:2-3-02 through 123:2-9 regarding Equal Employment Opportunity and Female Utilization Goals are applicable to this project, and each contractor will be required to comply in all aspects of these provisions.

**CERTIFICATE OF COMPLIANCE FOR EEO PURPOSES:**

All prime contractors must secure a valid Certificate of Compliance from the Department of Administrative Services, Equal Opportunity Division, prior to execution of a construction contract.

See http://www.das.ohio.gov/Divisions/EqualOpportunity/CertificateofCompliance/tabid/129/Default.aspx for instructions for electronic filing.

>>> Does this bidder have a valid Certificate of Compliance? ____Yes ____No

>>> If "No" to the above, will this bidder be able to obtain a valid Certificate of Compliance prior to the execution of a contract? ____Yes ____No

**Bidder must provide a "Yes" answer to one or the other of the above questions.**

**BIDDER'S AFFIRMATIVE ACTION REQUIREMENTS:**

Each prime contract bidder must submit an affirmative action program regarding equal employment opportunity to and receive approval from the State Equal Employment Opportunity (EEO) Coordinator prior to the bid opening, OR the prime contract bidder must have evidence within its bid adoption of the minority and female utilization work hour utilization goals and the specific affirmative action steps set forth in 123:2-3 through 123:2-9 of the Ohio Administrative Code.

>>> Has the prime contract bidder prepared and submitted an Affirmative Action Program to the State Equal Employment Opportunity Coordinator and that program has been approved by the State Equal Employment Opportunity Coordinator prior to the bid opening ? ____Yes ____No

>>>If “no”, with this bid response, the prime contract bidder hereby adopts the minority and female work hour utilization goals and the specific affirmative action steps set forth in 123:2-3 through 123:2-9 of the Ohio Administrative Code.

**BIDDER'S EEO COVENANTS:**

Throughout its performance of any contract awarded to it on this State-assisted project, the prime contract bidder agrees to the following covenants:

(1) The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, national origin, ancestry or sex. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, national origin, ancestry or sex. Such action shall include, but is not limited to, the following: Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship.

The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

(2) The contractor will in all solicitations or advertisements for employees placed by or on behalf of the prime contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, national origin, ancestry or sex.

(3) The contractor will send to each labor union or representative of workers with which it has a collective bargaining agreement or other contract or understanding, a notice to be provided by the State Administering Agency advising the said labor union or workers' representatives of the contractor's commitments under this covenant and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

(4) The contractor will comply with all provisions of the Ohio Department of Administrative Services, Equal Opportunity Division and with the implementing rules, regulations and applicable orders of the State Equal Employment Opportunity Coordinator.

(5) The contractor agrees to fully cooperate with the State Administering Agency, the State Equal Employment Opportunity Coordinator and with any other official or agency, or the State or Federal government which seeks to eliminate unlawful employment discrimination, and with all other State and Federal efforts to assure equal employment practices under its contract and the contractor shall comply promptly with all requests and directions from the State Administering Agency, the State Equal Employment Opportunity Coordinator and any of the State of Ohio officials and agencies in this regard, both before and during construction.

(6) Full cooperation as expressed in clause (5), above, shall include, but not be limited to, being a witness and permitting employees to be witnesses and complainants in any proceeding involving questions of unlawful employment practices, furnishing all information and monthly utilization work hour reports required by the OAC 123: 2-9-01 and by the rules, regulations and orders of the State Equal Employment Opportunity Coordinator pursuant thereto, and permitting access to its books, records, and accounts by the State Administering Agency and the State Equal Employment Opportunity Coordinator for purposes of investigation to ascertain compliance with such rules, regulations and orders. Specifically, contractors will submit workforce utilization reports to the State Equal Opportunity Coordinator by the 10th of each month. The monthly reports must be electronically submitted through the following website: http://das.ohio.gov/EOD/CCInputForm29.htm

(7) In the event of the contractor's noncompliance with the nondiscrimination clauses of its contract or with any of the said rules, regulations, or orders, its contract may be canceled, terminated, or suspended in whole or in part and the contractor may be declared ineligible for further State Contracts or State-assisted Construction Contracts in accordance with procedures authorized in OAC 123:2-3 through 2-9 and such other sanctions may be instituted and remedies invoked, as provided in OAC 123:2-3 through 2-9 or by regulation, or order of the State Equal Employment Opportunity Coordinator, or as otherwise provided by law.

In the event that its contract is terminated for a material breach of OAC 123:2-3 through 2-9 the contractor shall become liable for any and all damages which shall accrue to the State Administering Agency and Applicant and the State of Ohio as a result of said breach.

(8) The contractor will require the inclusion of language reflecting these same eight covenants within every subcontract or purchase order it executes in the performance of its contract unless exempted by rules, regulations or orders of the State Equal Employment Opportunity Coordinator issued pursuant to O.A.C. 123:2-3-02 so that these provisions will be binding upon each subcontractor or vendor. The contractor will take such actions as the Administering Agency may direct as a means of enforcing such provisions, including sanctions for noncompliance; provided, however, that in any litigation with a subcontractor, vendor or other party as a result of such direction by the State Administering Agency, the contractor may be requested to protect the interests of the State.

>>>The prime contract bidder hereby adopts the foregoing covenants ? ___Yes ____No

**BIDDER'S CERTIFICATION:**

The undersigned, being a duly authorized officer of the prime contract bidder, does hereby certify to and agree with the foregoing statements and covenants regarding its subscription to the State's Equal Employment Opportunity Requirements for State-assisted Construction Contracts.

_____ ___/____/___
Signature of Authorized Officer Date

_____
Title

**>>> PLEASE NOTE: Only a bidder possessing a valid certificate will be awarded a contract pursuant to Chapter 153 of the Revised Code by an owner referred to in section 153.01 of the Revised Code. Application shall be made at least ten working days prior to the date that the bidder expects to receive the certificate. The bidder's failure to elect one of the two Bidder's Affirmative Action Requirements, adopt the Bidder's EEO Covenants, and complete the foregoing certification may cause the bidder's proposal to be rejected as being non-responsive to the State's Equal Employment Opportunity Requirements and in non-compliance with the State Equal Employment Opportunity Bid Conditions. In addition, the bidder must, prior to the execution of a contract, submit to the local subdivision a valid Certificate of Compliance for Equal Employment Opportunity purposes.**

## "APPENDIX A" OF THE STATE EEO BID CONDITIONS

### MINORITY MANPOWER UTILIZATION GOALS AND TIMETABLES

The following minority goals listed are expressed in terms of percentages of work hours for each trade to be used by the contractor in a designated area. Designated areas are defined as Ohio's Standard Metropolitan Statistical Areas (SMSA). They are: Akron, Cincinnati, Cleveland, Columbus, Dayton, Toledo and Youngstown-Warren. In cases where the project is not located in a designated area, the contractor may adopt minority utilization goals of the near/nearest designated area.

| **AKRON** | |
|---|---|
| All Trades | 10% |

| **COLUMBUS** | |
|---|---|
| All Trades | 10% |

| **DAYTON** | |
|---|---|
| All Trades | 11% |

| **TOLEDO** | |
|---|---|
| All Trades | 9% |

| **YOUNGSTOWN** | |
|---|---|
| All Trades | 9% |

| **CINCINNATI** | |
|---|---|
| Trade | |
| Asbestos Workers | 9% |
| Boilermakers | 9 % |
| Carpenters | 10% |
| Elevator Constructors | 11% |
| Floor Layers | 10% |
| Glaziers | 10% |
| Lathers | 10% |
| Marble, Tile, Terrazzo | 8% |
| Millwright | 10% |
| Operating Engineers | 11% |
| Painters | 11% |
| Pipefitters | 11% |
| Plasterers | 10% |
| Plumbers | 11% |
| Sheet Metal Workers | 11% |
| Other Trades | 11% |

| **CLEVELAND** | |
|---|---|
| Trade | |
| Asbestos Workers | 17% |
| Boilermakers | 10% |
| Carpenters | 16% |
| Electricians | 20% |
| Elevator Constructors | 20% |
| Floor Layers | 11% |
| Glaziers | 17% |
| Ironworkers | 13% |
| Operating Engineers | 17% |
| Painters | 17% |
| Pipefitters | 17% |
| Plasterers | 20% |
| Plumbers | 17% |
| Roofers | 17% |
| Other Trades | 17% |

## "APPENDIX B" OF THE STATE EEO BID CONDITIONS
## SPECIFIC AFFIRMATIVE ACTION STEPS

The following Affirmative Action steps are directed at increasing minority utilization:

(1) The contractor should maintain a file of the names and addresses of each minority and female referred to it by any individual or organization and what action was taken with respect to each such referred individual, and if the individual was not employed by the contractor, and the reasons therefore. If such individual was sent to the union hiring hall for referral and not referred back by the union or if referred back by the union or if referred, not employed by the contractor, the file should document this and the reason therefore.

To Demonstrate Compliance: Maintain a file of the names, addresses, telephone numbers, and craft of each minority and female applicant showing (a) the date of contact and whether the person was hired; if not, the reason, (b) if the person was sent to a union for referral, and the results (c) follow-up contacts when the contractor was hiring.

(2) The contractor should promptly notify the State Contracting Agency when the Union or Unions with which the contractor has collective bargaining agreements does not refer to the contractor a minority or female worker referred (to the union) by the contractor, or when the contractor has information that the union referral process has impeded efforts to meet its goals.

To Demonstrate Compliance: Have a copy of letters sent, or do not claim the union is impeding the contractors' efforts to comply.

(3) The contractor should disseminate its Equal Employment Opportunity policy within its organization by including it in any company newsletters and annual reports; by advertising at reasonable intervals in union publications; by posting of the policy; by specific review of the policy with minority and female employees; and by conducting staff meetings to explain and discuss the policy.

To Demonstrate Compliance: Have a written EEO policy which includes the name and how to contact the contractor's EEO Officer and (a) include the policy in any company policy manuals, (b) post a copy of the Policy on all company bulletin boards (in the office and on all job sites), (c) records, such as reports or diaries, etc., that each minority and female employee is aware of the Policy and that it has been discussed with them, (d) that the policy has been discussed regularly at staff meetings and (3) copies of newsletters and annual reports which include the Policy.

(4) The contractor should continually monitor all personnel activities to ensure that its EEO policy is being carried out, including the evaluation of minority and female employees for promotional opportunities on a quarterly basis and the encouragement of such employees to seek those opportunities.

To Demonstrate Compliance: Have records that the company EEO Officer reviews all: (a) monthly workforce reports, (b) hiring and terminations, (c) training provided on-the-job, (d) minority and female employees quarterly for promotion and encourages them to prepare for and seek promotion. The records should be the EEO Officer's job description, reports, memos, personnel files, etc., documenting the activities for possible discriminatory patterns.

(5) The contractor should disseminate its EEO policy externally by informing and discussing it with all recruiting sources; by advertising it in news media, specifically including minority and female news media; and by notifying and discussing it with all subcontractors.

To Demonstrate Compliance: Have copies of (a) letters sent, at least six months or at the start of each new major contract, to all recruiting sources (including labor unions) requiring compliance with the Policy, (b) advertising, which has the EEO "tagline" on the bottom, and (c) purchase order and subcontract agreement forms will include or make reference to the State EEO Covenant, Appendix A or B of the Ohio Administrative Code 123:2-3-02.

(6) The contractor should make specific and reasonably recurrent oral and written recruitment efforts directed at minority and women's organizations, and training organizations with the contractor's recruitment area.

To Demonstrate Compliance: Have a record either in a follow-up file for each organization or on the reverse of the notification letter sent under Item 1, above, of the dates, individuals contacted and the results of the contract from telephone calls or personal meetings with the individuals or groups notified under Item 1.

(7) The contractor, where reasonable, should develop on-the-job training opportunities and participate and assist in all Department of Labor funded and/or approved training programs (including Apprenticeship) Programs relevant to the contractor's employee needs consistent with its obligations in the Bid Conditions.

To Demonstrate Compliance: Have records of contributions in cash, equipment supplied and/or contractor personnel provided as instructors for Bureau of Apprenticeship and Training approved or Department of Labor funded training programs and records of the hiring and training of minorities and females referred to Company by such programs.

(8) The contractor should solicit bids for subcontracts (and joint ventures) from available minority and female subcontractors engaged in the trades covered by the Bid Conditions, including circulation of minority and female contractors associations.

To Demonstrate Compliance: Have copies of letters or other direct solicitation of bids for subcontracts/joint ventures from minority/female contractors with a record of the specific response and any follow-up the contractor has done to obtain a price quotation or to assist a minority/female contractor in preparing or reducing a price quotation; have a list of all minority/female subcontracts awarded or joint ventures participated in with dollar amounts, etc.

**EXPLANATION OF AN ACCEPTABLE AFFIRMATIVE ACTION PROGRAM:**

An Affirmative Action Program is a set of specific and result-oriented procedures to which a Contractor shall apply every good faith effort. The objective of those procedures and efforts is to assure equal employment opportunity. An acceptable Affirmative Action Program will include an analysis of all trades employed by the Contractor within the last year with an explanation of whether Minorities are currently being under-utilized in any one or more trades. A necessary prerequisite to the development of a satisfactory Affirmative Action Program is the identification and analysis of problem areas inherent in Minority employment and an evaluation of opportunities for utilization of Minority group personnel.

Part I - Basic Contents of an Affirmative Action Program:

1. Development or reaffirmation of the contractor's EEO policy in all personnel actions.

2. Formal internal and external dissemination of contractor's EEO policy.

3. Establishment of responsibilities for implementation of the contractor's affirmative action program.

4. Identification of problem areas (deficiencies) by organizational units and job classification.

5. Establishment of goals and objectives by organizational units and job classification, including timetables for completion.

6. Development and execution of action oriented programs designed to eliminate problems and further designed to attain established goals and objectives.

7. Design and implementation of internal audit and reporting systems to measure effectiveness of the total programs.

8. Compliance of personnel policies and practices with Federal sex discrimination guidelines (41 CFR Part 60-20).

9. Active support of local and national community action programs and community service programs, designed to improve the employment opportunities of minorities.

10. Consideration of ethnic minorities and women not currently in the work force having requisite skills who can be recruited through affirmative action measures.

11. Summary data on applicant flow, hires, terminations and promotions, and training for the last twelve months or the last one hundred applicants, hires, etc., whichever is less.

Part II - Analysis of Individual Trades

1. The minority population of the labor area surrounding (contractor's) projects.

2. The size of the minority unemployment force in the labor area surrounding (the contractor's) projects.

3. The percentage of minority work force as compared with the total work force in the immediate labor area.

4. The general availability of minorities having requisite skills in the immediate labor area.

5. The availability of minorities having requisite skills in the area in which the contractor can reasonably recruit.

6. The availability of promotable minority employees within the contractor's organization.

7. The anticipated expansion, contraction, and turnover of an in the work force.

8. The existence of training institutions capable of training minorities in the requisite skills.

9. The degree of training which the contractor is reasonably able to undertake as a means of making all job classes available to minorities.

Goals, timetables and affirmative action commitments must be designed to correct any identifiable deficiencies. Where deficiencies exist and where numbers or percentages are relevant in developing corrective action, the contractor shall establish and set forth specific goals and timetables. Such goals and timetables, with supporting data and the analysis thereof shall be a part of the contractor's written affirmative action program. Where the contractor has not established a goal, its written affirmative action program must specifically analyze each of the factors listed above, and must detail its reason for a lack of a goal. The goals and timetables should be attainable in terms of the contractor's analysis of its deficiencies and its entire action. Thus, in establishing its goals and timetables, the contractor should consider the results which could be reasonably expected from its good faith efforts to make its overall affirmative action program work. If the contractor does not meet its goals and timetables, the contractor's good faith efforts shall be judged as to whether the contractor is following its program and attempting to make the program work toward the attainment of its goals.

Support data for the above analysis and program shall be compiled and maintained as part of the contractor's affirmative action program. This data should include applicant flow data and applicant rejection ratios indicating minority status.

Compliance Status: No State Contractor's compliance status shall be judged alone by whether or not he reaches his goals and meets his timetables. Rather each Contractor's compliance posture shall be reviewed and determined by reviewing the contents of his program, the extent of his adherence to his program and his good faith efforts to make his program work toward the realization of the program's goals within the timetables set for completion.

## "APPENDIX C" OF THE STATE EEO BID CONDITIONS

## FEMALE UTILIZATION GOALS

OAC 123:2-3-05 Required utilization analysis and goals

(A) Each state-involved contractor shall include in his/her affirmative action program the information and analysis required pursuant to part IV 401-C of appendix A of rule 123:2-1-01 of the Administrative Code, in addition to female utilization requirements pursuant to the governor's "Executive Order 84-9" and this rule.

(B) As required by the governor's "Executive Order 84-9", the utilization of women shall be, at a minimum, that currently in use by the federal government as of February 15, 1984. This requirement stated at C.F.R. part 60-4 is 6.9 percent utilization of women. This requirement shall remain at 6.9 percent unless further amended by the governor in a subsequent order. This requirement shall be met by a determination of work hours utilized in the same manner as minority utilization hours are calculated.

# PROPOSAL

**SANDUSKY COUNTY BOARD OF COMMISSIONERS, FREMONT, OHIO**

The undersigned, having full knowledge of the site, plans and specifications for the following improvements, and the conditions of this proposal, hereby agrees to furnish all the services, labor, materials and the equipment necessary to complete the VARIOUS COUNTY ROAD IMPROVEMENTS IN SANDUSKY COUNTY, OHIO according to the plans, specifications and completion date and to accept the unit price specified below for each item as full compensation for the work in this proposal.

# UNIT PRICE CONTRACT

| Ref. | Spec. Item No. | Approx. Quantities | Unit | Item | Unit Price Bid | Total Amount Bid |
|---|---|---|---|---|---|---|
| 1 | 103.05 | Lump | Sum | Premium for Contract Performance Bond | | |
| 2 | 253 | 800 | S.Y. | Pavement Repair (Contingency) | | |
| 3 | 254 | 72,005 | S.Y. | Pavement Planing, Asphalt Concrete, as per Plan | | |
| 4 | 407 | 9,805 | Gal. | Tack Coat | | |
| 5 | 441 | 3,145 | Ton | Asphalt Concrete Intermediate Course, Type 1, (448) | | |
| 6 | 441 | 5,295 | Ton | Asphalt Concrete Surface Course, Type 1 (448), PG64-22 | | |
| 7 | 614 | Lump | Sum | Maintaining Traffic | | |
| 8 | 614 | 13.25 | Mile | Work Zone Centerline, Class II | | |
| 9 | 617 | 100 | Ton | Compacted Aggregate | | |
| 10 | 621 | 355 | Each | RPM | | |
| 11 | 642 | 8.72 | Mile | Edge Line, 4 inch, Type 1 | | |
| 12 | 642 | 4.36 | Mile | Center Line, Type 1 | | |
| 13 | 644 | 178 | L.F. | Stop Line | | |
| 14 | 644 | 1 | Each | Railroad Symbol Marking | | |
| 15 | 644 | 2 | Each | School Symbol Marking, 96 inch | | |
| 16 | 644 | 75 | L.F. | Channelizing Line, 8 inch | | |
| 17 | 644 | 60 | L.F. | Crosswalk Line | | |
| 18 | 644 | 190 | L.F. | Transverse/Diagonal Line | | |
| 19 | 644 | 1 | Each | Lane Arrow | | |
| 20 | 644 | 1 | Each | Word on Pavement, 96 inch | | |

**Have you double checked your bid? Errors or omissions could result in your bid's being declared informal.** **TOTAL BID: _____**

**This page is a part of the proposal of ……..……..……**

**(Bidder)** **(Signature)**

# PROPOSAL

**PROJECT-** VARIOUS COUNTY ROAD IMPROVEMENTS IN SANDUSKY COUNTY, OHIO

**PREQUALIFICATION OF BIDDERS-** The right to make such investigations as may be 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 –** October 15, 2020

**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 …… this …….day of ……., 20……..,
**(I OR WE)** **(MYSELF OR OURSELVES)**

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 Obligee, in the penal sum of the dollar amount of the bid submitted by the Principal to the Obligee 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 Obligee, incorporating any additive or deductive alternate proposals made by the Principal on the date referred to above to the Obligee, which are accepted by the Obligee. 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 Obligee 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 Obligee 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 Obligee may in good faith contract with the next lowest bidder to perform the work covered by the bid: or in the event the Obligee does not award the contract to the next lowest bidder and resubmits the project for bidding, the Principal will pay the Obligee 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 Obligee 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 Obligee 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 Obligee 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.

***(Continued on next page)***

***BID GUARANTY AND CONTRACT BOND CONTINUED***

SIGNED AND SEALED This_____day of _____, 20_____, In the 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:_____

# CONTRACT AGREEMENT

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

…….……...

of ……...and…….....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…….., in Sandusky County, Ohio ……..…...

……..…..
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.

***(Continued on next page)***

**CONTRACT AGREEMENT CONTINUED**

Attest:

……..
Clerk, Board of County Commissioners

I hereby certify that there is

$.....……..……

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

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.

Board of County Commissioners

By…….……

…….……

…….……..…..
Party of the First Part

Contractor

……..…

By…….……

…….…….

…….….

…….…….

…….….

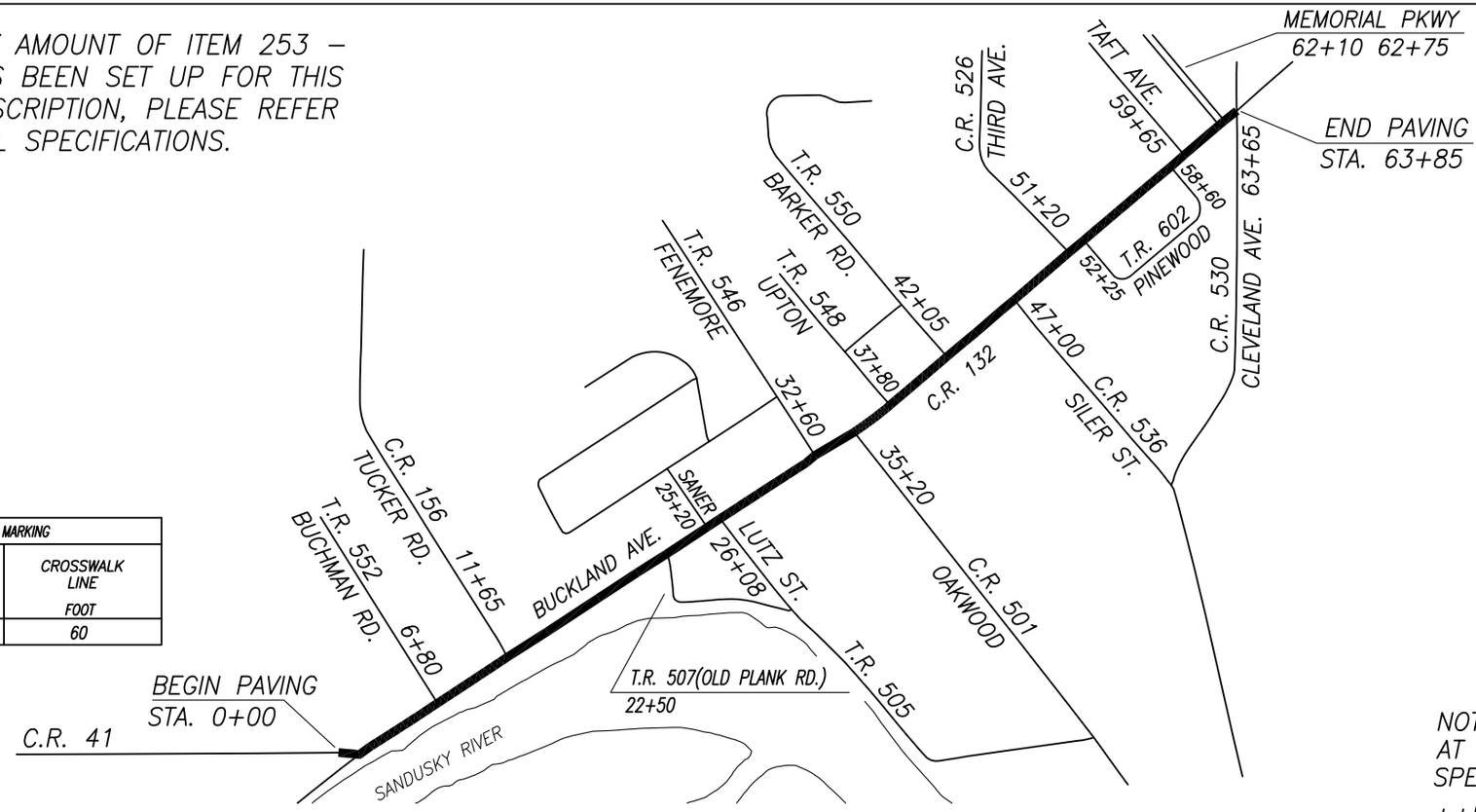
…….…….
Party of the Second Part

NOTE: A CONTINGENCY AMOUNT OF ITEM 253 – PAVEMENT REPAIR HAS BEEN SET UP FOR THIS PROJECT. FOR A DESCRIPTION, PLEASE REFER TO THE SUPPLEMENTAL SPECIFICATIONS. (100 S.Y. +/–)

| ITEM 621 |
|---|
| RAISED PAVEMENT MARKERS |
| 80 Y/Y 12 B/B |

| ITEM 642 TRAFFIC PAINT | | |
|---|---|---|
| ROAD MILES | EDGE LINE TYPE 1 MILES(LINE) | CENTERLINE TYPE 1 MILES(LINE) |
| 1.21 | 2.42 | 2.28 |

| ITEM 644 THERMOPLASTIC PAVEMENT MARKING | | |
|---|---|---|
| STOP LINE FOOT | SCHOOL SYMBOL MARKING 96 INCH EACH | CROSSWALK LINE FOOT |
| 42 | 2 | 60 |




NO SCALE

RD. NO. C.R. 132 BUCKLAND AVE.

BY RGR DATE JAN 2020

NOTE: TRAFFIC TO BE MAINTAINED AT ALL TIMES PER ODOT SPECIFICATIONS

++INCLUDES APPLICATION ON PLANED SURFACE, INTERMEDIATE, AND SURFACE COURSES.

*APPLICATION ON EXISTING PAVEMENT (OR MILLED SURFACE)
**APPLICATION ON INTERMEDIATE COURSE

D-1

C.R. 132 (BUCKLAND AVE.)

| FROM | TO | LENGTH LIN. FT. | TYPICAL WIDTH | 407* TACK @.08 GAL./S.Y. GALS. | 407** TACK @.05 GAL./S.Y. GALS. | ITEM 254 PAVEMENT PLANING, A.P.P. THICKNESS | ITEM 254 S.Y. | ITEM 441 ASPHALT CONCRETE INTERMEDIATE COURSE TYPE 1, (448) THICKNESS | ITEM 441 TONS | ITEM 441 ASPHALT CONCRETE INTERMEDIATE COURSE TYPE 2, (448) THICKNESS | ITEM 441 TONS | ITEM 441 ASPHALT CONCRETE SURFACE COURSE TYPE 1, (448) PG64-22 THICKNESS | ITEM 441 TONS | ITEM 614 WORK ZONE CENTER LINES CLASS II MILES | ITEM 614 WORK ZONE LANE LINES CLASS II MILES | ITEM 617 COMPACTED AGGREGATE TONS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0+00 | 11+65 | 1,165' | 26.5' | 275 | 175 | 2" | 3,430 | 0–0.75" | 145 | | | 1.25" | 240 | 0.66++ | | |
| 11+65 | 35+20 | 2,355' | 29' | 610 | 380 | 2" | 7,590 | 0–0.75" | 320 | | | 1.25" | 530 | 1.34++ | | |
| 35+20 | 42+05 | 685' | 27' | 165 | 105 | 2" | 2,055 | 0–0.75" | 85 | | | 1.25" | 145 | 0.39++ | | |
| 42+05 | 51+20 | 915' | 33' | 270 | 170 | 2" | 3,355 | 0–0.75" | 140 | | | 1.25" | 235 | 0.52++ | | |
| 51+20 | 63+85 | 1,265' | 31' | 350 | 220 | 2" | 4,360 | 0–0.75" | 185 | | | 1.25" | 305 | 0.72++ | | |
| Allowance for driveways, mailbox approaches, intersections, radii, width variations, etc. | | | | 100 | 80 | | 460 | | 50 | | | | 125 | | | 25 |
| | | | TOTAL | 1,770 | 1,130 | | 21,250 | | 925 | | | | 1,580 | 3.63 | | 25 |

| ITEM 621 |
|---|
| RAISED PAVEMENT MARKERS |
| 120 Y/Y 13 B/B |

| ITEM 642 TRAFFIC PAINT | | |
|---|---|---|
| ROAD MILES | EDGE LINE TYPE 1 MILES(LINE) | CENTERLINE TYPE 1 MILES(LINE) |
| 1.62 | 3.24 | 1.58 |

| ITEM 644 THERMOPLASTIC PAVEMENT MARKING | |
|---|---|
| CHANNELIZING LINE, 8 INCH FOOT | TRANSVERSE/ DIAGONAL LINE, TYPE 1 FOOT |
| 75 | 190 |

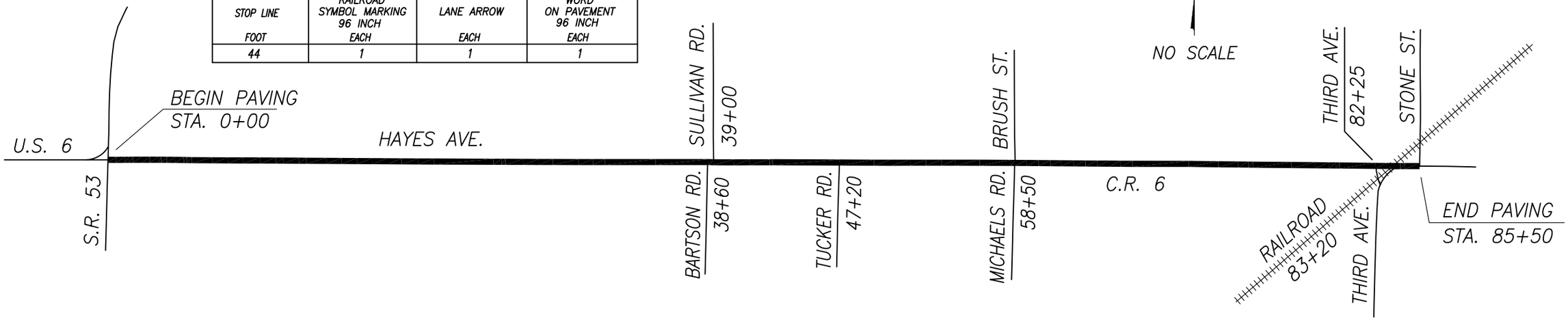
| ITEM 644 THERMOPLASTIC PAVEMENT MARKING | | | |
|---|---|---|---|
| STOP LINE FOOT | RAILROAD SYMBOL MARKING 96 INCH EACH | LANE ARROW EACH | WORD ON PAVEMENT 96 INCH EACH |
| 44 | 1 | 1 | 1 |

NOTE: A CONTINGENCY AMOUNT OF ITEM 253 – PAVEMENT REPAIR HAS BEEN SET UP FOR THIS PROJECT. FOR A DESCRIPTION, PLEASE REFER TO THE SUPPLEMENTAL SPECIFICATIONS. (300 S.Y. +/–)

**RD. NO.** C.R. 6 HAYES AVE.

**BY** RGR **DATE** JAN 2020

NO SCALE




NOTE: TRAFFIC TO BE MAINTAINED AT ALL TIMES PER ODOT SPECIFICATIONS

*APPLICATION ON EXISTING PAVEMENT (OR MILLED SURFACE)
**APPLICATION ON INTERMEDIATE COURSE

++INCLUDES APPLICATION ON PLANED SURFACE, INTERMEDIATE, AND SURFACE COURSES.

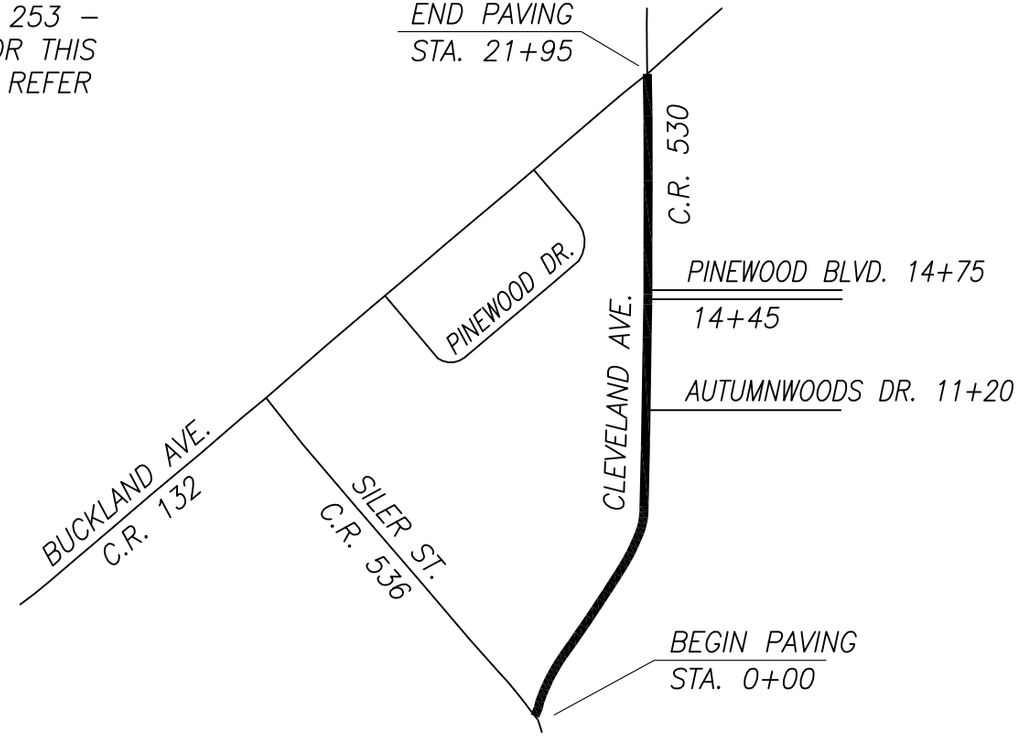
D–2

C.R. 6 (HAYES AVE.)

| FROM | TO | LENGTH LIN. FT. | TYPICAL WIDTH | 407* TACK @.08 GAL./S.Y. GALS. | 407** TACK @.05 GAL./S.Y. GALS. | ITEM 254 PAVEMENT PLANING, A.P.P. THICKNESS | ITEM 254 S.Y. | ITEM 441 ASPHALT CONCRETE INTERMEDIATE COURSE TYPE 1, (448) THICKNESS | ITEM 441 TONS | ITEM 441 ASPHALT CONCRETE INTERMEDIATE COURSE TYPE 2, (448) THICKNESS | ITEM 441 TONS | ITEM 441 ASPHALT CONCRETE SURFACE COURSE TYPE 1, (448) PG64-22 THICKNESS | ITEM 441 TONS | ITEM 614 WORK ZONE CENTER LINES CLASS II MILES | ITEM 614 WORK ZONE LANE LINES CLASS II MILES | ITEM 617 COMPACTED AGGREGATE TONS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0+00 | 5+60 | 560' | 49' AVG. | 245 | 155 | 2" | 3,050 | 0–0.75" | 130 | | | 1.25" | 215 | 0.50++ | | |
| 5+60 | 85+50 | 7,990' | 28' | 1,990 | 1,245 | 2" | 24,860 | 0–0.75" | 1,035 | | | 1.25" | 1,730 | 4.54++ | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| Allowance for driveways, mailbox approaches, intersections, radii, width variations, etc. | | | | 110 | 65 | | 290 | | 60 | | | | 105 | | | 25 |
| | | | | 2,345 | 1,465 | | 28,200 | | 1,225 | | | | 2,050 | 5.04 | | 25 |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |

| RD. NO. C.R. 530 CLEVELAND AVE. | |
|---|---|
| BY RGR | DATE JAN 2020 |

NOTE: A CONTINGENCY AMOUNT OF ITEM 253 – PAVEMENT REPAIR HAS BEEN SET UP FOR THIS PROJECT. FOR A DESCRIPTION, PLEASE REFER TO THE SUPPLEMENTAL SPECIFICATIONS. (300 S.Y. +/–)



NO SCALE

| ITEM 621 |
|---|
| RAISED PAVEMENT MARKERS |
| 40 Y/Y 1 B/B |

| ITEM 642 TRAFFIC PAINT | | |
|---|---|---|
| ROAD MILES | EDGE LINE TYPE 1 MILES(LINE) | CENTERLINE TYPE 1 MILES(LINE) |
| 0.42 | 0.84 | 0.83 |

| ITEM 644 THERMOPLASTIC PAVEMENT MARKING |
|---|
| STOP LINE |
| FOOT |
| 26 |

*APPLICATION ON EXISTING PAVEMENT (OR MILLED SURFACE)
**APPLICATION ON INTERMEDIATE COURSE

NOTE: TRAFFIC TO BE MAINTAINED AT ALL TIMES PER ODOT SPECIFICATIONS

++INCLUDES APPLICATION ON PLANED SURFACE, INTERMEDIATE, AND SURFACE COURSES.

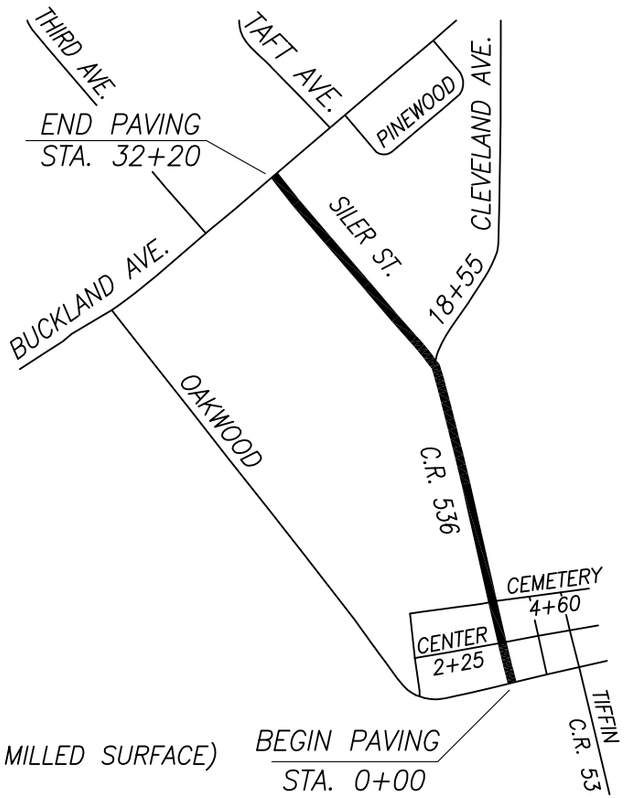
| FROM | TO | LENGTH | TYPICAL WIDTH | 407* | 407** | ITEM 254 | | ITEM 441 | | ITEM 441 | | ITEM 441 | | ITEM 614 | ITEM 614 | ITEM 617 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TACK @0.08 GAL./S.Y. | TACK @0.05 GAL./S.Y. | PAVEMENT PLANING, A.P.P. | | ASPHALT CONCRETE INTERMEDIATE COURSE TYPE 1, (448) | | ASPHALT CONCRETE INTERMEDIATE COURSE TYPE 2, (448) | | ASPHALT CONCRETE SURFACE COURSE TYPE 1, (448) PG64-22 | | WORK ZONE CENTER LINES CLASS II | WORK ZONE LANE LINES CLASS II | COMPACTED AGGREGATE |
| | | LIN. FT. | | GALS. | GALS. | THICKNESS | S.Y. | THICKNESS | TONS | THICKNESS | TONS | THICKNESS | TONS | MILES | MILES | TONS |
| 0+00 | 21+95 | 2,195' | 22' | 430 | 270 | 2" | 5,365 | 0–0.75" | 225 | | | 1.25" | 375 | 1.26++ | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| Allowance for driveways, mailbox approaches, intersections, radii, width variations, etc. | | | | 30 | 20 | | 100 | | 15 | | | | 25 | | | 10 |
| | | | TOTAL | 460 | 290 | | 5,465 | | 240 | | | | 400 | 1.26 | | 10 |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |

D–3

C.R. 530 (CLEVELAND AVE.)

NOTE: A CONTINGENCY AMOUNT OF ITEM 253 – PAVEMENT REPAIR HAS BEEN SET UP FOR THIS PROJECT. FOR A DESCRIPTION, PLEASE REFER TO THE SUPPLEMENTAL SPECIFICATIONS.
(100 S.Y. +/–)

| RD. NO. | C.R. 536 SILER ST. | |
|---|---|---|
| BY RGR | | DATE JAN 2020 |




NO SCALE

| ITEM 621 |
|---|
| RAISED PAVEMENT MARKERS |
| 45 Y/Y |

| ITEM 642 TRAFFIC PAINT | | |
|---|---|---|
| ROAD MILES | EDGE LINE TYPE 1 MILES(LINE) | CENTERLINE TYPE 1 MILES(LINE) |
| 0.61 | 1.22 | 0.93 |

| ITEM 644 THERMOPLASTIC PAVEMENT MARKING |
|---|
| STOP LINE |
| FOOT |
| 26 |

*APPLICATION ON EXISTING PAVEMENT (OR MILLED SURFACE)
**APPLICATION ON INTERMEDIATE COURSE

NOTE: TRAFFIC TO BE MAINTAINED AT ALL TIMES PER ODOT SPECIFICATIONS

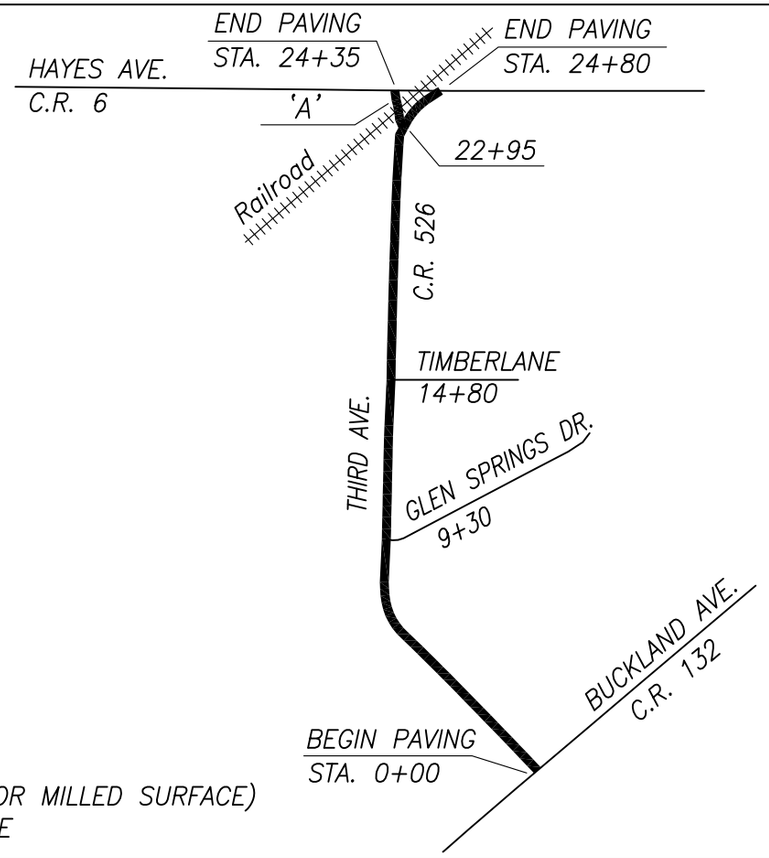
++INCLUDES APPLICATION ON PLANED SURFACE, INTERMEDIATE, AND SURFACE COURSES.

| FROM | TO | LENGTH | TYPICAL WIDTH | 407* | 407** | ITEM 254 | | ITEM 441 | | ITEM 441 | | ITEM 441 | | ITEM 614 | ITEM 614 | ITEM 617 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TACK @0.08 GAL./S.Y. | TACK @0.05 GAL./S.Y. | PAVEMENT PLANING, A.P.P. | | ASPHALT CONCRETE INTERMEDIATE COURSE TYPE 1, (448) | | ASPHALT CONCRETE INTERMEDIATE COURSE TYPE 2, (448) | | ASPHALT CONCRETE SURFACE COURSE TYPE 1, (448) PG64-22 | | WORK ZONE CENTER LINES CLASS II | WORK ZONE LANE LINES CLASS II | COMPACTED AGGREGATE |
| | | LIN. FT. | | GALS. | GALS. | THICKNESS | S.Y. | THICKNESS | TONS | THICKNESS | TONS | THICKNESS | TONS | MILES | MILES | TONS |
| 0+00 | 27+75 | 2,775' | 26' | 645 | 400 | 2" | 8,020 | 0–0.75" | 335 | | | 1.25" | 560 | 1.58++ | | |
| 27+75 | 32+20 | 445' | 27' | 110 | 70 | 2" | 1,335 | 0–0.75" | 55 | | | 1.25" | 95 | 0.25++ | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| Allowance for driveways, mailbox approaches, intersections, radii, width variations, etc. | | | | 35 | 30 | | 60 | | 20 | | | | 45 | | | 20 |
| | | | TOTAL | 790 | 500 | | 9,415 | | 410 | | | | 700 | 1.83 | | 20 |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |

D–4

C.R. 536 (SILER ST.)

| RD. NO. | C.R. 526<br>THIRD AVE. | |
|---|---|---|
| BY RGR | | DATE JAN 2020 |




NO SCALE

| ITEM 621 |
|---|
| RAISED PAVEMENT MARKERS |
| 40 Y/Y 4 B/B |

| ITEM 642 TRAFFIC PAINT | | |
|---|---|---|
| ROAD MILES | EDGE LINE TYPE 1 MILES(LINE) | CENTERLINE TYPE 1 MILES(LINE) |
| 0.50 | 1.00 | 0.96 |

| ITEM 644 THERMOPLASTIC PAVEMENT MARKING |
|---|
| STOP LINE |
| FOOT |
| 40 |

*APPLICATION ON EXISTING PAVEMENT (OR MILLED SURFACE)
**APPLICATION ON INTERMEDIATE COURSE

NOTE: TRAFFIC TO BE MAINTAINED AT ALL TIMES PER ODOT SPECIFICATIONS

++INCLUDES APPLICATION ON PLANED SURFACE, INTERMEDIATE, AND SURFACE COURSES.

| FROM | TO | LENGTH | TYPICAL WIDTH | 407* | 407** | ITEM 254 | | ITEM 441 | | ITEM 441 | | ITEM 441 | | ITEM 614 | ITEM 614 | ITEM 617 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TACK @.08 GAL./S.Y. | TACK @.05 GAL./S.Y. | PAVEMENT PLANING, A.P.P. | | ASPHALT CONCRETE INTERMEDIATE COURSE TYPE 1, (448) | | ASPHALT CONCRETE INTERMEDIATE COURSE TYPE 2, (448) | | ASPHALT CONCRETE SURFACE COURSE TYPE 1, (448) PG64-22 | | WORK ZONE CENTER LINES CLASS II | WORK ZONE LANE LINES CLASS II | COMPACTED AGGREGATE |
| | | LIN. FT. | | CALS. | CALS. | THICKNESS | S.Y. | THICKNESS | TONS | THICKNESS | TONS | THICKNESS | TONS | MILES | MILES | TONS |
| 0+00 | 5+35 | 535' | 29' | 140 | 90 | 2" | 1,725 | 0-0.75" | 75 | | | 1.25" | 120 | 0.30++ | | |
| 5+35 | 11+50 | 615' | 26' | 145 | 90 | 2" | 1,780 | 0-0.75" | 75 | | | 1.25" | 125 | 0.35++ | | |
| 11+50 | 24+80 | 1,330' | 25.5' | 305 | 190 | 2" | 3,770 | 0-0.75" | 160 | | | 1.25" | 265 | 0.76++ | | |
| 'A' | | | | | | | | | | | | | | | | |
| 22+95 | 24+35 | 140' | 19.5' | 25 | 15 | 2" | 305 | 0-0.75" | 15 | | | 1.25" | 25 | 0.08++ | | |
| Allowance for driveways, mailbox approaches, intersections, radii, width variations, etc. | | | | 35 | 20 | | 95 | | 20 | | | | 30 | | | 20 |
| | | | TOTAL | 650 | 405 | | 7,675 | | 345 | | | | 565 | 1.49 | | 20 |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |

D-5

C.R. 526 (THIRD AVE.)

**SANDUSKY COUNTY**

**SUPPLEMENTAL SPECIFICATIONS**

**FOR**

**ASPHALT CONCRETE**

**COMPLETION DATE**

Complete all work by October 15, 2020.

**GENERAL**

The requirements of Items 401, 402, 403, 441 and 448 of the 2019 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 448.02, 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 contact the Sandusky County Engineers Office 48 hours in advance of starting any work to allow for scheduling of bridge deck water proofing or other necessary work.

**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 and Compacted Aggregate 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. The planing depth shall match the combined thicknesses of the proposed intermediate and surface courses of asphalt concrete. The finished cross-slope of the planed surface and the finished asphalt concrete surface shall be the same, typically 3/16" per foot.

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.

6. Contractor shall use a string line to establish a straight edge. String line shall be placed on outside edge of pavement, unless otherwise authorized by the engineer.

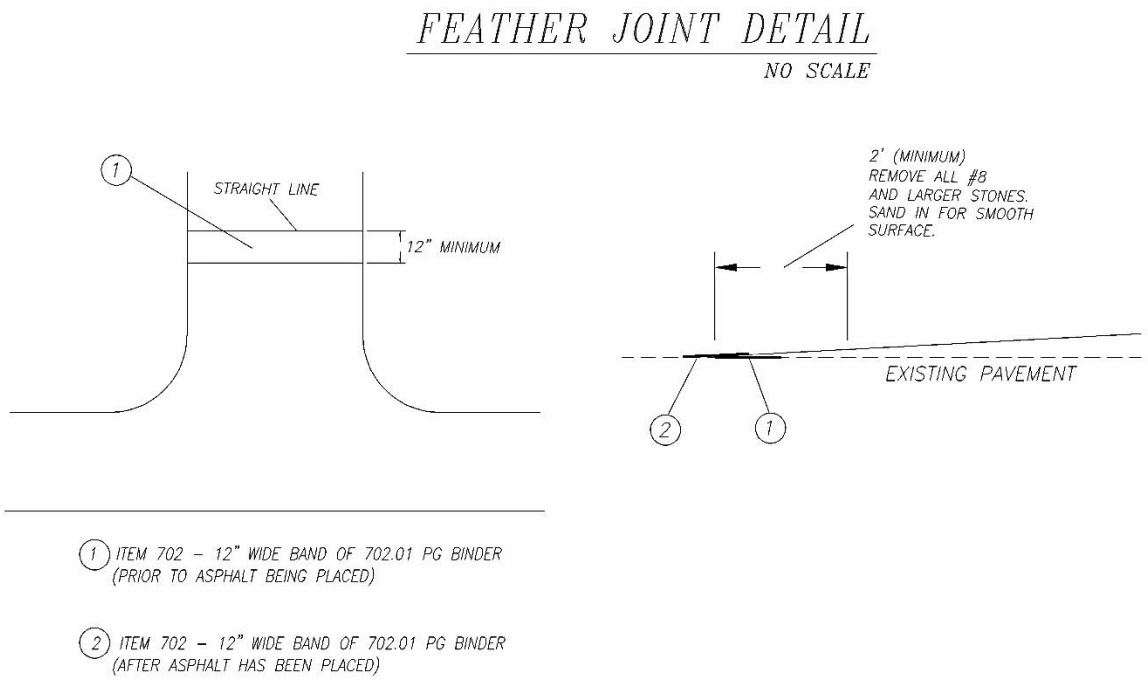
7. Transverse joints shall be minimized or avoided all together. Locations of transverse joints shall be subject to the Engineer's approval.

8. Raised Pavement Markers shall be constructed after final pavement marking material is applied. Blue RPM's shall be placed about one foot off the centerline of the road, towards the side of the location of the Fire Hydrant. The cost for the removal of existing RPM's shall be included in the unit price for "Item 621 Raised Pavement Marker".

9. Per ODOT Item 401.14 in lieu of feathering to meet an adjoining surface and coating the existing surface with a thin coat of asphalt binder, the Contractor may choose to mill a butt joint. There shall be no additional cost for this work.

10. Place surface course within seven (7) days of intermediate course.

**FEATHER JOINT DETAIL**




## DRIVEWAYS & MAILBOX APPROACHES

Do not use private driveways to turn around.

Extend asphalt concrete into and between all driveways and mailbox approaches a minimum of four (4) feet as or directed by the Engineer. Prepare existing surfaces as directed.

Place Item 617 Compacted Aggregate in driveways with excessive drop offs prior to the conclusion of each day's work as directed by the Engineer.

## ITEM 253 – PAVEMENT REPAIR

An estimated quantity of Item 253 Pavement Repair has been included in the plan to be used as a contingency as directed by the Engineer. The work shall include removal and replacement of the asphalt material at the designated repair areas. Contractor shall replace deteriorated pavement with Item 301 Asphalt Concrete Base. Depth of repair shall be a minimum of 6 inches. Length and width of repairs shall be as directed by the Engineer. Minimum width of repairs shall be 4 feet.

## PAVEMENT MARKING

This work shall conform to the 2019 ODOT Construction Materials Specifications, Item 640, "Pavement Marking" and Item 642, "Traffic Paint" except as modified below.

A. Paint Specifications
The center line and edge line shall conform to Item 740.02, "Traffic Paint" in the 2019 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.

Traffic Paint: 50º 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.

## 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.

## 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:

| Overload | Liquidated Damages |
|---|---|
| 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.