

BERRIEN COUNTY ROAD DEPARTMENT

**PROPOSAL AND SPECIFICATION
FOR
HMA BASE CRUSHING, MODIFIED – 19.62 MILES**

BERRIEN COUNTY ROAD DEPARTMENT

GENERAL SPECIFICATIONS

Except as hereinafter provided by Supplemental Specifications or Special Provisions, the method and manner of performing the work and the quantity and quality of materials to be furnished under this contract shall be in strict accordance with the current Standard Specifications for Construction of the Michigan Department of Transportation and the current edition of the Michigan Manual of Uniform Traffic Control Devices.

SUPPLEMENTAL SPECIFICATIONS

101.02 Definitions:

Department - The Board of County Commissioners of the County of Berrien, Michigan.

103.02 Changes in Work

Adjustable Items - This Contract contains no adjustable item; therefore, no adjustments in unit prices for increased or decreased quantities will be allowed.

107.10 Owners Protective Liability Policy covering bodily injury and property damage protection shall be furnished to the Department

108.02 Prosecution of the Work - The Contractor shall begin the work within ten (10) days after being notified by the Department to do so, unless this is inconsistent with the progress clause, with full force and equipment adequate to complete the sections within the time limit therein fixed for completion. In case of failure to proceed with the work as rapidly as is provided in the progress clause, or if it appears at any time that such work is not being prosecuted in such a manner as to insure its completion within time specified, the Department shall have the right to require the force and equipment as the Department shall deem necessary to bring the work up to the progress schedule; and in case of the Contractor's neglect to do so, the Department may place such working force and equipment on the work and charge the Contractor the cost of labor and such rental and depreciation rates for the plant and equipment as in its judgment is reasonable, and for such time as the plant and equipment are in service.

109.06 Partial Payment - PAYMENT WILL BE MADE IN FULL IN NOT MORE THAN THREE (3) PARTIAL PAYMENTS, SUCH PAYMENT TO BE MADE on the basis of ninety percent (90%) of the value of the work done, provided the work is progressing satisfactorily and the orders of the engineer have been complied with and provided that the date for completion, or date granted as extension, has not passed, and provided that the amount is at least \$2,000.00.

BERRIEN COUNTY ROAD DEPARTMENT

SUPPLEMENTAL SPECIFICATIONS (CONT'D)

1. CANCELLATION OF CONTRACT PROVISIONS:

The Board shall have the right to cancel the Contract for non-performance. Should an inspection by the Board's designated representative reveal that the Contractor's work results in any non-acceptable maintenance condition of one or all specified areas;

The Board's designated representative at the time of the first circumstance shall call for a meeting with the Contractor to insure no misunderstanding on the issues involved.

If the condition should repeat itself a second time, the Board's designated representative shall call for another meeting with the Contractor and issue a written warning of possible Contract termination should the condition continue.

If the condition should repeat itself a third time, the Board's designated representative shall call for another meeting with the Contractor and issue a written Notice of Contract Termination.

2. Submission of bid will be construed as a conclusive presumption that the Contractor is thoroughly familiar with the bid requirements and specifications and that he/she understands and agrees to abide by each and all stipulations and requirements contained therein.
3. The Contractor, his/her employees, agent, and representatives shall conduct themselves in a manner which is conducive to good public relations. They shall display proper respect to the Board, the general public, and surrounding property owners as is applicable.
4. Neither the Contractor nor his/her Subcontractors shall discriminate against any employee or applicant for employment, to be employed in the performance of this Contract, with respect his/her hire, tenure, terms, conditions or privileges of employment, of any matter directly or indirectly related to employment because of his/her race, color, religion, national origin, or ancestry. Breach of this covenant may be regarded as a material breach of the Contract.

BID BOND

A Certified Check or Cashier's Check or Bid Bond in the amount of not less than five (5) percent of the bid made payable to the Berrien County Road Department shall accompany this proposal as a guarantee of good faith.

BERRIEN COUNTY ROAD DEPARTMENT

TITLE VI

“The Berrien County Road Department, in accordance with Title VI of Civil Rights Act of 1964, 78 Stat. 252, 42 USC 2000d to 2000d-4 an Title 49, Code of Federal Regulations, Department of Federally-assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of gender, disability, race, color, or national origin in consideration for an award”.

BERRIEN COUNTY ROAD DEPARTMENT

PROGRESS CLAUSE: Start work within ten (10) days after receiving notice of award of contract or on the date agreed upon by the Engineer. In no case shall any work be commenced prior to receipt of a formal notice of award by the Road Department.

This Contract shall be completed between April 2nd, 2018 and May 1st, 2018.

The low bidder(s) for the work covered by this proposal will be required to meet with Road Department representatives to work out a detailed Progress Schedule. The schedule for this meeting will be set within one week after the low bidder(s) is determined.

The named subcontractor(s) for Designated and/or Specialty Items, as shown on the proposal, is recommended to be at the scheduled meeting if such items materially affect the work schedule.

The Project Engineer will arrange the time and place for the meeting.

The Progress Schedule shall include, as a minimum, the controlling work items for the completion of the project and the planned dates (or work day for a work day project) that these work items will be controlling operations. When specified in the bidding proposal, the date the project is to be opened to traffic as well as the final project completion date shall also be included in the Progress Schedule.

If the bidding proposal specifies other controlling dates, these shall also be included in the Progress Schedule.

Failure on the part of the contractor to carry out the provision of the Progress Schedule, as established, may be considered sufficient cause to prevent bidding future projects until a satisfactory rate of progress is again established.

BERRIEN COUNTY ROAD DEPARTMENT

PROJECT SPECIFICATIONS FOR SPECIAL PROVISIONS

GENERAL

The Standard Specifications for Construction (Standard Specifications) adopted in 2012 by the Michigan Department of Transportation, are hereby incorporated into these contract documents. Copies of these standards are available for inspection at the office of the Engineer. All construction included in this project shall be done in accordance with the Standard Specifications, as modified by these project specifications and special provisions, or as modified by plan notes. Where notes on the plans are in conflict with the standard specifications or there are special provisions, the plan notes shall control.

CONTRACT REQUIREMENTS AND COVENANTS

Where the contract requirements in these Contract Documents conflict with the contract requirements specified in Division 1 of the standard specifications, the contract requirements in these contract documents shall control.

SPECIAL PROVISIONS

The special provisions, which follow, shall modify the standard specifications for the items indicated.

BERRIEN COUNTY ROAD DEPARTMENT

SPECIAL PROVISION FOR HMA BASE CRUSHING, MODIFIED

Sheet 1 of 1

BCRD/KAS

5/8/2015

DESCRIPTION

This work shall consist of crushing the existing bituminous pavement and existing gravel/macadam base in place as shown on the plans.

CONSTRUCTION

The plans show the crushing limits.

A. Equipment Requirements. The crushing machine shall be a self-propelled rotary reduction machine capable of crushing the pavement to the required size and mixing the crushed material with the underlying aggregate base to the required depth.

Suppress dust generated from the pavement crushing operation with an approved water sprinkling system.

B. Crushing. Prior to crushing, existing HMA or seal coat material on the shoulders may be bladed onto the mainline pavement to be processed into crushed material. Existing HMA pavement shall be uniformly crushed to the required width and depth, including 2 inches of the aggregate base. After crushing, 100 percent of the crushed material shall have a maximum particle size of 1 inch, with no particle size exceeding 1 inch.

MEASUREMENT AND PAYMENT

Pay Item

Pay Unit

HMA Base Crushing, Modified

Square Yard

HMA Base Crushing, Modified will be measured by completed width and length required on the plans. The pay item does not differentiate between the various depths of crushing required.

BERRIEN COUNTY ROAD DEPARTMENT
SPECIAL PROVISION
FOR MAINTAINING TRAFFIC

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BCRD/KAS

08/20/2013

GENERAL REQUIREMENTS

Traffic shall be maintained by the Berrien County Road Department throughout the project in accordance with the requirements of Sections 104.11, 812 and 922 of the 2012 MDOT Standard Specifications for Construction and as herein specified.

HMA BASE CRUSHING, MODIFIED AND FURNISH, HAUL AND TAILGATE AGGREGATE BASE COURSE 19.62 MILES

Hochberger Road: Township Line to Meadowbrook Road; Bainbridge Township; 0.5 mile; 3 inches thick; 1,000 TON 22A and 6,500 SYD HMA Base Crushing, Modified

Buffalo Road: Mayflower Road to Red Bud Trail; Bertrand Township; 1.85 mile; 6 inches thick; 7500 TONS 22A and 24,000 SYD HMA Base Crushing, Modified

Madron Lake Road: Coveney Road to Glendora Road; Buchanan Township; 1.33 miles; 6 inches thick; 5,500 TONS and 17,000 SYD HMA Base Crushing, Modified

Elm Valley Road: Lakeside Road to Shwark Road; Chikaming/Three Oaks Township; 2.2 miles; 6 inches thick; 9,000 TON 22A and 26,000 SYD HMA Base Crushing, Modified

Harbert Road: Red Arrow Hwy to End; Chikaming Township; 0.86 miles; 3 inches thick; 1,800 TONS 22A and 10,100 SYD HMA Base Crushing, Modified

Flynn Road: Harbert Road to Warren Woods Road; Chikaming Township; 1.99 miles; 3 inches thick; 4,000 TONS and 23,500 SYD HMA Base Crushing, Modified

Hampton Road: U.S. 12 to Buffalo Road; Galien Township; 1 mile; 6 inches thick; 4,000 TON 22A and 12,500 SYD HMA Base Crushing, Modified

Mt Zion Road: U.S. 12 to Buffalo Road; Galien Township; 1.34 miles; 3 inches thick; 2,800 TONS 22A and 15,800 SYD HMA Base Crushing, Modified

Olive Branch Road: Andrews Road to Township Line; Galien Township; 1.01 miles; 3 inches thick; 2,000 TONS and 12,500 SYD HMA Base Crushing, Modified

Kruger Road: Glassman Road to Red Arrow Hwy; New Buffalo Township; 2.07 miles; 6 inches thick; 8,300 TON 22A and 23,000 SYD HMA Base Crushing, Modified

Tilly Road: Marquette Woods Road to John Beers Road; Royalton Township; 1.01 miles; 3 inches thick; 2,000 TONS 22A and 12,500 SYD HMA Base Crushing, Modified

Eidson Road: John Beers Road to Rocky Weed Road; Weesaw Township; 1 mile; 3 inches thick; 2,000 TONS and 12,500 SYD HMA Base Crushing, Modified

Towline Road Subdivision Streets:(Park, Jones, Grace, Moore, Cook, Dewey, Burkette & Alma); Sodus Township; 1.36 miles; 6 inches thick; 6,000 TONS 22A and 20,000 SYD HMA Base Crushing, Modified

Forrest Lawn Road: Lakeside Road to Basswood Road; Three Oaks Township; 1.1 miles; 6 inches thick; 4,500 TONS and 13,600 SYD HMA Base Crushing, Modified

Warren Woods Road: Cleveland Road to Holden Road (less paved); Weesaw Township; 1 mile; 6 inches thick; 4,000 TONS 22A and 12,500 SYD HMA Base Crushing, Modified

Riverside Road: Bundy Road to Momany Park Road ; Hagar Township; 1.33 mile; 6 inches thick; 5,500 TONS 22A and 16,500 SYD HMA Base Crushing, Modified

BERRIEN COUNTY ROAD DEPARTMENT

NOTICE TO BIDDERS

INSURANCE

The Contractor shall provide for an in behalf of the State, the County, the Department, its employees, and all agencies specifically named below and their interests may appear, Owner's Protective Public Liability Insurance. Such insurance shall provide coverage and limits the same as the Contractor's Public Liability Insurance.

The agencies are the Board of County Commissioner of The County of Berrien, and the Berrien County Road Department.

BERRIEN COUNTY ROAD DEPARTMENT

HOLD HARMLESS

This Agreement made this _____ day of _____, 20__ by and between the Berrien County Road Department and the Board of County Commissioners of the County of Berrien (hereinafter referred to as the BOARD) and _____ (hereinafter referred to as the CONTRACTOR).

Said Contractor hereby agrees to undertake the following work in the status of independent contractor performing the following operations:

HMA BASE CRUSHING. MODIFIED 13.82 MILES

Said Contractor shall at all times exercise extreme care and shall assume any and all liability for bodily injury, death or property damage arising out of the above stated operation or by anyone else acting in concert or under the control or direction of said Contractor, and will indemnify and hold harmless the Berrien County Road Department, its Commissioners, employees, attorneys and agents for any and all claims for bodily injury, death or property damage arising out of this agreement.

It is also agreed while engaged in such operation, that the Contractor shall maintain insurance, naming the Board of Berrien County Commissioners, the Berrien County Road Department; their Officers, Agents and Employees as an additional named insured with policy limits of:

Bodily Injury and Property Damage Liability:

Each Occurrence	\$1,000,000
Aggregate	\$2,000,000

Statutory Workmen's Compensation Insurance

Additionally said Contractor shall furnish to the Board a certificate of insurance providing above requested limits.

It is also agreed if the Board is involved in any litigation arising out of said operation, that the Contractor will indemnify and hold harmless the Board for any and all legal fees or cost incurred by the Board in defense of said Board.

WITNESSED BY:

_____	_____
	Contractor
_____	_____
	Berrien County Road Department

BERRIEN COUNTY ROAD DEPARTMENT

HMA BASE CRUSHING, MODIFIED 13.82 MILES

PROPOSAL

Date_____

Board of County Commissioners of the County of Berrien,
2860 E. Napier Avenue, Benton Harbor, Michigan 49022-0768

Gentlemen:

The undersigned has examined the plans, specifications, and location of the work described herein and is fully informed as to the nature of the work and the conditions relating to its performances and understands that the quantities shown in the estimate are approximate only and are subject to either increase or decrease; and hereby proposes to furnish all necessary machinery, tools, apparatus and other means of doing the work, do all the work, furnish all the materials except as otherwise specified herein, and, for the unit prices named in the accompanying unit price schedule, to complete the work in strict accordance with the plans and specifications therefore.

The undersigned further proposes to do such extra work as may be ordered by you, prices for which are not included in the itemized bid, compensation therefore to be made on the basis agreed upon before such extra work is begun.

The undersigned agrees to begin work **on or after April 2nd, 2018 and to have all work completed by May 1st, 2018.**

Signed_____

By_____

Post Office of Bidder_____

In case the bidder is a co-partnership, each member must sign this proposal.

In case the bidder is a Corporation this proposal must be executed by its duly authorized officials in accordance with its articles of incorporation and a certified copy of such articles must be attached hereto.

BERRIEN COUNTY ROAD DEPARTMENT

2860 EAST NAPIER AVENUE

BENTON HARBOR, MICHIGAN 49022

TELEPHONE 925-1196

PROJECT: HMA BASE CRUSHING, MODIFIED – 13.82 MILES

ITEMIZED UNIT PRICE SCHEDULE

QUANTITY	ITEM OF WORK	UNIT PRICE	AMOUNT
1 LS	MOBILIZATION, MAX. ____		
180,400 SYD	HMA BASE CRUSHING, MODIFIED		

TOTAL OF BID \$ _____

Signed Bidder

Date