

**PROPOSAL  
2010 HOT MIXED ASPHALT BIDS**

**TUSCOLA COUNTY  
BOARD OF COUNTY ROAD COMMISSIONERS**

**1733 S. MERTZ RD.  
CARO, MI 48723**

***LETTING DATE – MARCH 16, 2010***

***10:00 A.M.***

**CONTRACTOR:** \_\_\_\_\_

**ADDRESS:** \_\_\_\_\_

\_\_\_\_\_

**SIGN & PRINT:** \_\_\_\_\_

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

**PHONE & FAX:** \_\_\_\_\_

**EMAIL ADDRESS:** \_\_\_\_\_

**COMPLETION DATE: SATURDAY, OCTOBER 9, 2010**

TUSCOLA COUNTY  
ROAD COMMISSION  
PROPOSAL FOR  
HOT MIXED ASPHALT PAVEMENT  
& SURFACE TREATMENT  
Page 1 of 4

The contractor has examined the proposal, specifications and the location of the work described herein and is fully informed as to the nature of the work and the conditions relating to its performance and understands that the quantities shown are approximate only and are subject to either increase or decrease.

The contractor hereby proposes to furnish all necessary labor, equipment and materials for the unit price listed, to complete the work herein described in strict accordance with the requirements of the Michigan Department of Transportation 2003 Standard Specifications for Construction and such other special provisions and supplemental specifications as may be attached to this proposal.

**It is important that the contractor submits proof of current MDOT pre-qualification rating for the amount and type of work proposed prior to the opening of this proposal. Your rating will not be disclosed to other bidders and will be returned.**

A. GENERAL:

Quantities: Quantities shown are estimates and are subject to increase or decrease by the Engineer. Changes in quantities will not change unit prices as bid.

Coordinating Clause: Some projects are to be constructed in coordination with work by other Contractors, or Tuscola County Maintenance Crews. The bidders awarded these projects will cooperate by scheduling their work with the other crew(s).

Additional Projects: Additional projects may be added as mutually agreed upon by the Road Commission and the Contractor. Work for the Michigan Department of Transportation may also be included.

Warranty: The Contractor hereby warrants his work and material for one year from the date of placement.

B. MATERIALS:

Bituminous Materials:

Bond Coat.....SS-1h (not paid for separately)  
Asphalt Cement.....PG 58-28 or equivalent product

Bituminous Mixture 13A Modified: Shall meet the gradation as specified in Section 501.02.A.1 of the 2003 MDOT Standard Specifications for Construction, and as specified in Special Provision 501H for Marshall Hot Mix Asphalt Mixture, except the air void shall be 3%.

Asphalt cement content of the mix shall be from 5.7% to 6.5% in the surface course as directed by the Engineer.

Where milled asphalt (RAP) is to be used (base course only), the mix design shall be approved by the Engineer prior to the placement of the mixture.

Bituminous Mixture 36A: The bituminous mixture shall meet the gradation as specified for Bit Mix 36A in Section 501.02.A.1 of the 2003 MDOT Standard Specifications for Construction, and as specified in Special Provision 501H for Marshall Hot Mix Asphalt Mixture, except the air void shall be 3%.

Testing of Asphalt Materials: All materials must be tested and approved in accordance with the 2003 MDOT Standard Specifications before they enter into the construction of the projects. The mix designs must be submitted and approved by the County Highway Engineer prior to placing any asphalt. The Contractor shall submit a representative test on the first project and for each 5,000 to 10,000 tons thereafter. **Lack of test reports will delay payment.** A new mix design must be approved prior to changes in the aggregate used. The Road Commission reserves the right to test randomly as necessary.

Shoulders: All crushed gravel material shall meet the 23A gradation and compacted in accordance with the 2003 MDOT Standard Specifications for Construction. The shoulder width of new roads shall be 3' minimum unless varied by the Engineer to fit field conditions. For overlay projects, existing shoulder width shall be matched, with a maximum width of 3'. Any concerns for loss of material due to existing narrow shoulder width shall be brought to the attention of the Engineer, as soon as possible. All shoulder material shall be bid by the ton furnished, placed and hauled.

**Please Note: Shoulders on asphalt projects shall be placed within 7 days after asphalt is laid unless extended by approval of Engineer. A penalty of \$100/day per project may be charged if the Contractor doesn't comply or contact the Road Commission.**

Testing of 23A Shoulder Material: The contractor will furnish one gradation test on each source (new stockpile) of shoulder material to be used, prior to placing. A copy of the test results shall be forwarded to the Engineer. The Road Commission reserves the right to test the shoulder material randomly as necessary.

Monument Box Rings: The Contractor shall supply monument box rings to adjust all existing monument boxes within the proposed pavement surface to the proper height providing a smooth ride, whether noted on the bid or not.

C. CONSTRUCTION:

Progress Schedule and Completion Date: Once projects are awarded, the Contractor must keep in contact with the Engineer as to when and where their crew will be until all projects are completed. **All road projects must be completed by October 9, 2010 or liquidated damages will be assessed at a rate of \$100.00 per day per project.**

Leveling/Wedging: Where directed by the Engineer to correct irregularities in the existing road surface, a leveling (or wedging) layer of bituminous mixture shall be placed with the paver and rolled. Corrections requiring additional bituminous mixture shall be rolled far enough ahead of paving operations to permit proper compaction. Materials placed as a leveling (or wedging) layer shall be paid for as the bituminous mixture 36A.

Base Patching: This work involves removing the existing loose bituminous road material to the existing gravel base, and replacing it with new bituminous material, 1.5" minimum. The method by which the existing bit material is to be removed and replaced will be up to the Contractor, but will require prior approval by the Engineer. The base patch shall be noted as a bid item.

Compaction: The Nuclear Gauge Method for testing compaction is hereby waived for this project. The number of Rollers Method chart below shall apply.

Number of Rollers Required Based on Placement Rate:

Average Laydown Rate, Square Yards Per Hour	Number of Rollers Required	
	Compaction Rollers	Finish Rollers
Less than 800	1	*1
800 – 1800	1	1
1800 – 4000	2	1
4000 – 7200	3	1

\*The Compaction roller may be used as the finish roller also.

An approved self-propelled pneumatic-tired roller shall be provided and used as directed while placing Bit Mix 36A for leveling or wedging.

Milling: Milling shall be completed for butt joints (approx. 3”) at railroad crossings and bridge decks, at the locations specified. Milling will be paid for by the “LFT” or “SYD” as noted on the bid.

Pavement Removal: Shall be completed according to Section 204.04B of the 2003 MDOT Standard Specifications for Construction.

Equipment: The paver shall be equipped with an automatically controlled and activated screed and strike-off assembly. Compaction shall be completed using the roller method.

Temporary Pavement Marking Tape: Shall be required on Michigan Department of Transportation projects and all primary road projects only. No additional payment will be made for the tape; therefore the bidder shall include this item in other items of work.

Driveway Approaches: Asphalt fillets at gravel driveways on overlay projects shall be completed with mainline paving. 23A Shoulder Gravel shall be applied to each approach a minimum of 5’ to taper new grade to existing driveway. Driveway approaches for existing asphalt or concrete drives shall be feathered with bituminous to meet existing grade. Completion of this work will not be paid for separately, but will be considered included with other items of work.

Limestone Drives: MDOT certified crushed limestone shall be placed at all driveways with existing limestone material. Material thickness shall meet the roadway height and taper to blend with existing grade of the driveway in a minimum of 5’. Existing driveway width shall be matched. Locations can be marked by Road Commission staff. Payment for bid item 23A Limestone shall include all necessary material, equipment, and labor to install the material in each driveway approach.

D. TRAFFIC CONTROL:

The Road Commission will install “Road Work Ahead” signs on each project. Sufficient notice shall be given to the Road Commission to allow sign placement prior to start of projects.

Lane Closures: The contractor shall maintain traffic as per the Tuscola County Road Commission Maintaining Traffic Special Provision attached.

Temporary Road Closures: Will be allowed if approved by the Engineer on a site-specific basis. Type III barricades or arrow boards will be required at each end of the project along with a traffic regulator for re-routing traffic.

Warning Signs: The contractor will be responsible for supplying, installing, and maintaining any signs necessary to protect the motoring public from situations that have occurred due to unfinished work, i.e. Uneven Lanes Sign W8-9b, Bump Sign W8-1.

E. MEASUREMENT & PAYMENT:

The completed work will be paid for at the contract unit price for the following contract pay item and includes all material, equipment, and labor to complete these items.

<u>Pay Item</u>	<u>Pay Unit</u>
Bit Mix 36A	Ton
Bit Mix 13A	Ton
23A Cr. Gravel	Ton
Limestone	Ton
Monument Ring	Each

It is understood by all parties concerned that the construction of some projects in this proposal are conditional on the Road Commission receiving the necessary participation by others. Payment will be made as funds become available.

F. LIABILITY:

The Contractor shall at all times exercise extreme care and shall assume all liability for any damages resulting from his operations and shall hold the Tuscola County Road Commission harmless from any such claims or damages.

The successful bidder must also furnish certificates or policies giving satisfactory evidence of insurance coverage to the minimum extent of \$500,000.00 property damage and \$1,000,000.00 personal liability to insure adequate payment for any damage caused by his operations.

The contractor shall, prior to the start of work, file with the Tuscola County Road Commission a certificate of Workmen's Compensation Insurance. The attached certificate of insurance is required for the successful bidder or bidders.

G. BID PRICES:

- 1. The following bid prices are for furnishing and placing 13A or 36A bit mix at the producer's plant plus a mileage addition to the project site.

<u>Plant Location</u>	<u>Material</u>	<u>Price</u>	<u>Unit</u>	<u>Hauling/Mile</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

- 2. The following bid prices for furnishing and placing Class A Shoulders from the producer's pit or plant plus a mileage addition to the project site.

<u>Plant Location</u>	<u>Material</u>	<u>Price</u>	<u>Unit</u>	<u>Hauling/Mile</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

**NON-COMPLIANCE WITH PROJECT SPECIFICATION PROVISIONS**

**Any variation from the specifications of the project herein without written approval from the Tuscola County Road Commission and/or its authorized representative may result in, at the discretion of the Road Commission, the voiding and/or canceling of the acceptance of any bid and/or contract, resulting from this project.**

**The Board reserves the right to accept or reject any or all proposals and to re-advertise or to accept the proposal, that in their opinion, is in the best interest of Tuscola County.**

MICHIGAN  
DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION  
FOR  
MARSHALL HOT MIX ASPHALT MIXTURE

C&amp;T:JWB

1 of 2

C&T:APPR:EHR:CJB:09-25-06  
FHWA:APPR:10-02-06

**a. Description.** Furnish hot mix asphalt (HMA) mixture, designed using Marshall Mixture Design Methods, according to the requirements of the Standard Specifications for Construction except as modified by this special provision.

**b. Mix Design.** Submit the mix design for evaluation according to the Department's Hot Mix Asphalt Procedures Manual. Use a 50 blow Marshall hammer when compacting mixtures for developing Marshall mix designs.

**c. Recycled Mixtures.** Substituting reclaimed asphalt pavement (RAP) for a portion of the new material required to produce HMA mixture is allowed provided that the mixture is designed and produced to meet all criteria specified herein. RAP materials must conform to the Standard Specifications for Construction.

**d. Materials.** Table 1 provides the mix design criteria and volumetric properties. Table 2 provides the required aggregate properties. Use aggregates of the highest quality available to meet the minimum specifications. Use the mixture designation number shown in the contract item name when determining mix design properties from Tables 1 and 2.

**e. Measurement and Payment.** The completed work as described will be paid for at the contract unit price for the following contract item (pay item):

**Contract Item (Pay Item)**

**Pay Unit**

HMA, (type).....Ton

**Table 1: Mix Design Criteria and Volumetric Properties**

	Mixture No.				
	2C	3C	4C	13A	36A
Target Air Void, % (a)	3.00	4.00	4.00	4.00	4.00
VMA (min) (b)	11.00	13.00	14.00	14.00	15.00
VFA	65-78	65-78	65-78	65-78	65-78
Fines to Binder Ratio (max) (c)	1.2	1.2	1.2	1.2	1.2
Flow (0.01 inch)	8 -16	8 -16	8 -16	8 -16	8 -16
Stability (min), lbs	1200	1200	1200	900	900

a. Lower target air voids by 1.00% if used in a separate shoulder paving operation. Consider reducing air void targets to 3.00% for lower traffic volume roadways when designing 13A and 36A mixtures for local agency use.  
b. VMA calculated using Gsb of the combined aggregates.  
c. Ratio of the weight of aggregate passing the No. 200 sieve to total asphalt binder content by weight; including fines and binder contributed by RAP.

**Table 2: Aggregate Properties**

	Mixture No.				
	2C	3C	4C	13A	36A
	Percent Passing Indicated Sieve or Property Limit				
1 ½ inch	100				
1 inch	91-100	100			
¾ inch	90 max.	91-100	100	100	
½ inch	78 max.	90 max.	91-100	75-95	100
¾ inch	70 max.	77 max.	90 max.	60-90	92-100
No. 4	52 max.	57 max.	67 max.	45-80	65-90
No. 8	15-40	15-45	15-52	30-65	55-75
No. 16	30 max.	33 max.	37 max.	20-50	
No. 30	22 max.	25 max.	27 max.	15-40	25-45
No. 50	17 max.	19 max.	20 max.	10-25	
No. 100	15 max.	15 max.	15 max.	5-15	
No. 200	3-6	3-6	3-6	3-6	3-10
Crushed (min), % (MTM 117)	90	90	90	25	60
Soft Particle (max), % (a)	12.0	12.0	8.0	8.0	8.0
Angularity Index (min) (b)	4.0	4.0	4.0	2.5	3.0
L.A. Abrasion (max), % loss (c)	40	40	40	40	40
Sand Ratio (max) (d)	-	-	-	50	50

a. The sum of the shale, siltstone, structurally weak, and clay-ironstone particles must not exceed 8.0 percent for aggregates used in top course. The sum of the shale, siltstone, structurally weak, and clay-ironstone particles must not exceed 12.0 percent for aggregates used in base and leveling courses.

b. The fine aggregate angularity of blended aggregates, determined by MTM 118, must meet the minimum requirement. In mixtures containing RAP, the required minimum fine aggregate angularity must be met by the virgin material. NAA fine aggregate angularity must be reported for information only and must include the fine material contributed by RAP if present in the mixture.

c. Los Angeles abrasion maximum loss must be met for the composite mixture, however, each individual aggregate must be less than 50

d. Sand ratio for 13A and 36A no more than 50% of the material passing the No. 4 sieve is allowed to pass the No. 30 Sieve.

# 2010 PRIMARY ROAD PROJECTS

1 Hurds Corner\* 1.45 mile  
East Dayton to Bevens 22' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 3" Bit Mix 13A	3,100 Tons		\$ -
b. 3' 23A Cr. Gravel	950 Tons		\$ -
c. Limestone	4 Tons		\$ -
d. Monument Rings	1 each		\$ -
*Coordinate w/ CSS			\$ -
Contractor		Grand Total	\$ -

2 Fairgrove 4.47 mile  
M-81 to Slack Road 22' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 70# Bit Mix 36A	2,030 Tons		\$ -
b. 140# Bit Mix 13A	4,340 Tons		\$ -
c. 3' 23A Cr. Gravel	2,425 Tons		\$ -
d. Limestone	50 Tons		\$ -
e. Monument Rings	5 each		\$ -
		Grand Total	\$ -

3 Millington 4.01 mile  
North Lake to Willits 22' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 1.5" Bit Mix 13A	4,550 Tons		\$ -
b. 3' 23A Cr. Gravel	1,660 Tons		\$ -
c. Limestone	45 Tons		\$ -
d. Monument Rings	5 ea		\$ -
		Grand Total	\$ -

# Akron

## 2010 LOCAL ROAD PROJECTS

4 Thomas 1.30 mile  
M-25 to Bay Park 22' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 70# Bit Mix 36A	590 Tons		\$ -
b. 140# Bit Mix 13A	1,175 Tons		\$ -
c. 3' 23A Cr. Gravel	530 Tons		\$ -
d. Limestone	8 Tons		\$ -
	Grand Total		\$ -

5 Loomis 0.80 mile  
Forest to Sheridan 22' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 1.5" Bit Mix 13A	910 Tons		\$ -
b. 3' 23A Cr. Gravel	420 Tons		\$ -
c. Limestone	14 Tons		\$ -
	Grand Total		\$ -

6 Ringle 0.49 mile  
Ackerman to M-25 20' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 1.5" Bit Mix 13A	510 Tons		\$ -
b. 3' 23A Cr. Gravel	200 Tons		\$ -
	Grand Total		\$ -

7 Ringle 0.52 mile  
M-25 to Bay Park 20' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 70# Bit Mix 36A	215 Tons		\$ -
b. 140# Bit Mix 13A	430 Tons		\$ -
c. 3' 23A Cr. Gravel	270 Tons		\$ -
	Grand Total		\$ -

# Almer

## 2010 LOCAL ROAD PROJECTS

8 Dutcher 1.00 mile  
Graf to French 20' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 1.5" Bit Mix 13A	1,100 Tons		\$ -
b. 3' 23A Cr. Gravel	400 Tons		\$ -
c. Limestone	6 Tons		\$ -
	Grand Total		\$ -

9 Fairgrove 0.80 mile  
M-24 to Graf 20' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 1.5" Bit Mix 13A	880 Tons		\$ -
b. 3' 23A Cr. Gravel	320 Tons		\$ -
	Grand Total		\$ -

# Columbia

## 2010 LOCAL ROAD PROJECTS

10 Remington 1.00 mile  
Dickerson to Hoppe 20' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 1.5" Bit Mix 13A	1,100 Tons		\$ -
b. 3' 23A Cr. Gravel	400 Tons		\$ -
c. Limestone	4 Tons		\$ -
	Grand Total		\$ -

11 Ashmore 0.98 mile  
Bay City Forestville to Huron Line 22' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 3" Bit Mix 13A*	2,200 Tons		\$ -
b. 3' 23A Limestone Shlders	650 Tons		\$ -
*New Grade	Grand Total		\$ -

# Dayton

## 2010 LOCAL ROAD PROJECTS

12 Shays Lake                      0.60 mile  
Reid to Gifford                    20' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 1.5" Bit Mix 13A	660            Tons		\$       -
b. 3' 23A Cr. Gravel	255            Tons		\$       -
	Grand Total		\$       -

# Denmark

## 2010 LOCAL ROAD PROJECTS

13 Waterman 1.00 mile  
Bradleyville to Garner 21' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 140# Bit Mix 13A	910 Tons	\$	-
b. 70# Bit Mix 36A	450 Tons	\$	-
c. 3' 23A Cr. Gravel	500 Tons	\$	-
d. Limestone	6 Tons	\$	-
	Grand Total	\$	-

# Elkland

## 2010 LOCAL ROAD PROJECTS

14 Schwegler 1.01 mile  
Daus to Bay City Forestville 20' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 140# Bit Mix 13A	910 Tons		\$ -
b. 70# Bit Mix 36A	450 Tons		\$ -
c. 3' 23A Cr. Gravel	450 Tons		\$ -
d. Wedging	20 Tons		\$ -
	Grand Total		\$ -

# Ellington

## 2010 LOCAL ROAD PROJECTS

15 Murray 0.98 mile  
Gilford to Deckerville 22' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 1.5" Bit Mix 13A	1,080 Tons		\$ -
b. 3' 23A Cr. Gravel	410 Tons		\$ -
c. Limestone	4 Tons		\$ -
d. Monument Rings	1 each		\$ -
	Grand Total		\$ -

16 Elmwood 0.94 mile  
Colwood to McGregory 20' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 1.5" Bit Mix 13A	965 Tons		\$ -
b. 3' 23A Cr. Gravel	440 Tons		\$ -
c. Limestone	8 Tons		\$ -
d. Wedging	95 Tons		\$ -
e. Monument Ring	1 each		\$ -
	Grand Total		\$ -

# Elmwood

## 2010 LOCAL ROAD PROJECTS

17 Hoppe	0.99 mile			
Cedar Run to Dodge (plus cutoff)	22' wide			
Item	Quantity & Unit	Unit Price	Total Price	
a. 1.5" Bit Mix 13A	1,100 Tons		\$	-
b. 3' 23A Shoulder Gravel	400 Tons		\$	-
c. Wedging	2 Tons		\$	-
	Grand Total		\$	-

# Fairgrove

## 2010 LOCAL ROAD PROJECTS

18 Deckerville                      0.98 mile  
Vassar to Kirk                      20' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 1.5" Bit Mix 13A	1,080              Tons		\$           -
b. 3' 23A Cr. Gravel	395                    Tons		\$           -
c. Limestone	10                      Tons		\$           -
	Grand Total		\$           -

# Fremont

## 2010 LOCAL ROAD PROJECTS

19 Blackmore                      0.50 mile  
Schott to Cat Lake              21' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 1.5" Bit Mix 13A	550              Tons	\$	-
b. 3' 23A Cr. Gravel	200              Tons	\$	-
c. Limestone	4                Tons	\$	-
	Grand Total	\$	-

# Gilford

## 2010 LOCAL ROAD PROJECTS

20 Van Buren 1.00 mile  
M-138 to Darbee 20' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 1.5" Bit Mix 13A	1,100 Tons		\$ -
b. 1' 23A Cr. Gravel	150 Tons		\$ -
c. Limestone	4 Tons		\$ -
	Grand Total		\$ -

21 Bradford 0.96 mile  
Dutcher to Akron 20' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 70# Bit Mix 36A	415 Tons		\$ -
b. 140# Bit Mix 13A	795 Tons		\$ -
c. 3' 23A Cr. Gravel	380 Tons		\$ -
d. Limestone	4 Tons		\$ -
	Grand Total		\$ -

22 Van Geisen 1.00 mile  
VanBuren to Quanicassee 20' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 200# Bit Mix 13A	1,200 Tons		\$ -
b. 1' 23A Cr. Gravel	170 Tons		\$ -
c. Limestone	22 Tons		\$ -
d. Monument Rings	1 Each		\$ -
	Grand Total		\$ -

23 Van Geisen 1.00 mile  
Bradford to Bradleyville 20' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 70# Bit Mix 36A	415 Tons		\$ -
b. 1' 23A Cr. Gravel	45 Tons		\$ -
c. Limestone	3 Tons		\$ -
	Grand Total		\$ -

# Indianfields

## 2010 LOCAL ROAD PROJECTS

24 Graf 0.97 mile  
Van Geisen to Gilford 20' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 200# Bit Mix 13A	1,140 Tons		\$ -
b. 3' 23A Cr. Gravel	365 Tons		\$ -
c. Limestone	6 Tons		\$ -
	Grand Total		\$ -

# Juniata

## 2010 LOCAL ROAD PROJECTS

25 Dixon 0.99 mile  
Kirk to Higgins 21' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 70# Bit Mix 36A	450 Tons		\$ -
b. 140# Bit Mix 13A	910 Tons		\$ -
c. 3' 23A Cr. Gravel	500 Tons		\$ -
d. Limestone	17 Tons		\$ -
	Grand Total		\$ -

26 Dixon 1.00 mile  
Higgins to Ringle 20' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 70# Bit Mix 36A	450 Tons		\$ -
b. 140# Bit Mix 13A	910 Tons		\$ -
c. 3' 23A Cr. Gravel	500 Tons		\$ -
d. Limestone	3 Tons		\$ -
	Grand Total		\$ -

27 Kirk 1.00 mile  
M-81 to Dixon 20' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 200# Bit Mix 13A	1,300 Tons		\$ -
b. 3' 23A Cr. Gravel	450 Tons		\$ -
c. Limestone	2 Tons		\$ -
	Grand Total		\$ -

# Koylton

## 2010 LOCAL ROAD PROJECTS

28 White Creek\*                      1.00 mile  
Denhoff to M-46                      20' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 3" Bit Mix 13A	2,200                      Tons	\$	-
b. 3' 23A Cr. Gravel	670                              Tons	\$	-
*Aggregate Grade	Grand Total	\$	-

# Millington

## 2010 LOCAL ROAD PROJECTS

29 Oak 1.02 mile  
Millington to Murphy Lake 20' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 1.5" Bit Mix 13A	1,100 Tons		\$ -
b. 3' 23A Cr. Gravel	400 Tons		\$ -
c. Limestone	20 Tons		\$ -
d. Monument Rings	1 each		\$ -
	Grand Total		\$ -

30 Oak 0.84 mile  
Murphy Lake to Swaffer 22' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 1.5" Bit Mix 13A	925 Tons		\$ -
b. 3' 23A Cr. Gravel	350 Tons		\$ -
c. Limestone	10 Tons		\$ -
d. Monument Rings	2 each		\$ -
	Grand Total		\$ -

31 Ellis 0.26 mile  
Millington VL North 22' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 1.5" Bit Mix 13A	290 Tons		\$ -
b. 3' 23A Cr. Gravel	110 Tons		\$ -
c. Limestone	35 Tons		\$ -
	Grand Total		\$ -

32 Willard 0.77 mile  
Fulmer to M-15 22' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 1.5" Bit Mix 13A	870 Tons		\$ -
b. 3' 23A Cr. Gravel	320 Tons		\$ -
c. Limestone	12 Tons		\$ -
d. Monument Rings	2 each		\$ -
	Grand Total		\$ -

# Novesta

## 2010 LOCAL ROAD PROJECTS

33 Kelly 1.01 mile  
Warner to Cemetery 22' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 1.5" Bit Mix 13A	1,100 Tons		\$ -
b. 3' 23A Cr. Gravel	400 Tons		\$ -
	Grand Total		\$ -

# Tuscola

## 2010 LOCAL ROAD PROJECTS

34 Buell 1.70 mile  
Loren to Pinkerton 21' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 140# Bit Mix 13A	1,470 Tons		\$ -
b. 70# Bit Mix 36A	735 Tons		\$ -
c. 3' 23A Cr. Gravel	870 Tons		\$ -
d. Limestone	34 Tons		\$ -
	Grand Total		\$ -

# Vassar

## 2010 LOCAL ROAD PROJECTS

35 Caine  
Rupprecht to Saginaw

0.57 mile  
20' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 1.5" Bit Mix 13A	630 Tons	\$	-
b. 3' 23A Cr. Gravel	230 Tons	\$	-
c. Limestone	20 Tons	\$	-
d. Monument Rings	1 each	\$	-
	Grand Total	\$	-

# Wells

## 2010 LOCAL ROAD PROJECTS

36 Lee Hill 1.00 mile  
M-46 to Rossman 21' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 1.5" Bit Mix 13A	1,100 Tons		\$ -
b. 3' 23A Cr. Gravel	420 Tons		\$ -
c. Limestone	6 Tons		\$ -
	Grand Total		\$ -

37 Frankford 0.57 mile  
E. Dayton to Mona 20' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 1.5" Bit Mix 13A	640 Tons		\$ -
b. 3' 23A Cr. Gravel	230 Tons		\$ -
	Grand Total		\$ -

38 Rossman 0.50 mile  
Lee Hill to Murray 20' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 1.5" Bit Mix 13A	550 Tons		\$ -
b. 3' 23A Cr. Gravel	200 Tons		\$ -
	Grand Total		\$ -

# Wisner

## 2010 LOCAL ROAD PROJECTS

39 Elmwood 1.00 mile  
Garner to Vassar 21' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 1.5" Bit Mix 13A	1,100 Tons		\$ -
b. 2' 23A Cr. Gravel	270 Tons		\$ -
c. Limestone	4 Tons		\$ -
d. Monument Rings	2 each		\$ -
	Grand Total		\$ -

40 Garner\* 1.01 mile  
Elmwood to Cass City 21' wide

Item	Quantity & Unit	Unit Price	Total Price
a. 70# Bit Mix 36A	550 Tons		\$ -
b. 140# Bit Mix 13A	980 Tons		\$ -
c. 2' 23A Shoulder Gravel	550 Tons		\$ -
d. Limestone	4 Tons		\$ -
*Pave over Bridge	Grand Total		\$ -

**Your bid will not be accepted unless the enclosed agreement is signed and returned with your bid.**

**AGREEMENT**

This agreement made this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
by and between the Board of Tuscola County Road Commissioners and \_\_\_\_\_  
\_\_\_\_\_.

1. \_\_\_\_\_ hereby agrees to undertake the following work  
in the status of an independent contractor performing the following job:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. Said contractor, \_\_\_\_\_, shall at all times exercise extreme care and shall assume any and all liability for property damage or bodily injury resulting from the above operation by this employees, agents, assigns, sub-contractors and anyone else acting under his control or direction; and will indemnify, hold harmless and defend the Tuscola County Road Commission, its Commissioners or employees from any and all claims for property damage or bodily injury arising out of this Agreement.

3. Said contractor, \_\_\_\_\_, while engaged in said job shall maintain and furnish certificates of insurance, naming the Tuscola County Road Commission and Commissioners as **an additional insured** under the policy, with policy limits of \$500,000/\$1,000,000 for property damage and bodily injury, and **shall** furnish the Tuscola County Road Commission copies of said certificates of insurance prior to commencing any work on said project. Additionally, said contractor, \_\_\_\_\_, shall furnish prior to start of said job with the Board of Tuscola County Road Commissioners, a policy of insurance certifying he carries and has in effect worker's compensation insurance on all those required to be covered under Michigan law.

4. The address of the Board of Tuscola County Road Commissioners is 1733 S. Mertz Rd., Caro, MI 48723.

Witnessed:

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
Board of Tuscola County Road Commissioners

\_\_\_\_\_  
Contractor

TUSCOLA COUNTY  
ROAD COMMISSION  
“AN EQUAL OPPORTUNITY EMPLOYER”

SPECIAL PROVISION  
FOR  
MAINTAINING TRAFFIC  
1 of 1

GENERAL

Traffic shall be maintained in accordance with Sections 103.05, 103.06, 812, and 922 of the 2003 Michigan Department of Transportation (MDOT) Standard Specifications for Construction, including any Supplemental Specifications, and as herein specified.

CONSTRUCTION INFLUENCE AREA

The construction influence area (CIA) shall consist of the width of the project right-of-way from 3,500 feet before the project P.O.B. to 3,500 feet beyond the project P.O.E. and 500 feet in all directions along all cross roads.

TRAFFIC CONTROL DEVICES

All traffic control devices and their usage shall conform to the Michigan Manual of Uniform Traffic Control Devices (MMUTCD), 2005 edition as amended, and as herein specified.

Sign covers shall be placed over existing regulatory, warning and construction signs that are not applicable during construction.

Signing for a lane closure shall be according to attached MDOT Maintaining Traffic Typical Figure M0150. Additional signing pertaining to “Andy’s Law” shall be post driven at the proper D distance prior to project limits as per attached MDOT Figure M0030 on all long term operations and may be required on other projects at the discretion of the Engineer.

Sheeting shall conform to Engineer grade reflective sheeting and must meet the requirements for ASTM D 4956 Type I engineer grade sheeting, as per section 922.02B, of the 2003 Standard Specifications for Construction.

TRAFFIC RESTRICTIONS

Work shall be conducted during daylight hours only. No work shall be conducted on Sundays unless approved by the Engineer.

The maximum distance between the traffic regulators shall be no more than 2 miles in length. All sequences of more than 2 miles in length will require written permission from the Engineer before proceeding.

PAYMENT

Payment for Maintaining Traffic shall be included in other Bid unit prices. There will be no separate payment for Maintaining Traffic.

TUSCOLA COUNTY ROAD COMMISSION  
TITLE IV COMPLIANCE  
APPENDIX A

During the performance of this contract, the contractor, for itself, its assignees and successors in interest (hereinafter referred to as the "contractor") agrees as follows:

1. **Compliance with Regulations:** The contractor shall comply with the Regulations relative to non-discrimination in Federally-assisted programs of the Department of Transportation, Title 49, code of Federal Regulations, Part 21 as they may be amended from time to time, (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this contract.
2. **Non-discrimination:** The contractor, with regard to the work performed by it during the contract, shall not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The contractor shall not participate either directly or indirectly in the discrimination prohibited by section 21.5 of the Regulation, including employment practices when the contractor covers a program set forth in Appendix B of the Regulations.
3. **Solicitations for Subcontracts, Including Procurements of Materials and Equipment:** In all solicitations either by competitive bidding or negotiation made by the contractor for work to be performed under a subcontract, including procurements of materials or leases of equipment, each potential subcontractor or supplier shall be notified by the contractor of the contractor's obligations under this contract and the Regulations relative to non-discrimination on the grounds of race, color, or national origin.
4. **Information and Reports:** The contractor shall provide all information and reports required by the Regulations, or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the **Tuscola County Road Commission** to be pertinent to ascertain compliance with such Regulations or directives. Where any information required of a contractor is in the exclusive possession of another who fails or refuses this information, the contractor shall so certify to the State highway department, or the Federal Highway Administration as appropriate, and shall set forth what efforts it has made to obtain the information.
5. **Sanctions for Non-compliance:** In the event of the contractor's non-compliance with the non-discrimination provisions of this contract, the **Tuscola County Road Commission** shall impose such contract sanctions as it or the Federal Highway Administration may determine to be appropriate, including, but not limited to:
  - (a) Withholding of payments to the contractor under the contract until the contractor complies, and/or
  - (b) Cancellation, termination or suspension of the contract, in whole or in part.
6. **Incorporation of Provisions:** The contractor shall include the provisions of paragraphs(1) through (6) in every subcontract, including procurement of materials and leases of equipment, unless exempt by the Regulations, or directives issues pursuant thereto. The contractor shall take such action with respect to any subcontract or procurement as the **Tuscola County Road Commission** may direct as a means of enforcing such provisions including sanctions for non-compliance: Provided, however, that, in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or supplier as a result of such direction, the contractor may request the **Tuscola County Road Commission** to enter into such litigation to protect the interests of the County, and, in addition, the contractor may request the State highway department to enter into such litigation to protect the interests of the State and/or the United States to enter into such litigation to protect the interests of the United States.

“The **TUSCOLA COUNTY ROAD COMMISSION**, in accordance with Title VI of the Civil Rights Act of 1964, 78-252, 42 U.S.C. 2000d-222d-4, the Civil Rights Act of 1987, P.L. 100-259, and Title 49, Code of Federal Regulations, Department of Transportation, subtitle A, Office of the Secretary, Part 21, Non-discrimination in 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, Disadvantaged Business Enterprise firms will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of Race, Color, Sex, Age, National Origin, or Handicap in consideration for an award. For additional compliance information, please see Appendix A.”