

NAME OF CONTRACTOR: _____

PROPOSAL AND SPECIFICATIONS
FOR
PAVEMENT MARKING ON COUNTY LOCAL ROADS
&
HILLSDALE COUNTY ROAD COMMISSION

August 25, 2022

HILLSDALE COUNTY ROAD COMMISSION
ADVERTISEMENT FOR BIDS
COUNTY LOCAL ROAD CONSTRUCTION

Sealed bids will be received by the Hillsdale County Road Commission at their office at 1919 Hudson Road, Hillsdale, Michigan 49242 until 10:30 a.m., Local Time, August 25, 2022, and, at such time, be publicly opened and read aloud for the following:

Centerline, edgeline and pavement markings for roads in Hillsdale County.

Complete specifications and bid forms are available at the Road Commission office and online at www.Hillsdalecrc.org.

All bids must be submitted on forms furnished by the Road Commission and sealed in envelopes with the name and address of the bidder, and the item bid upon clearly marked thereon.

A bid deposit of at least 5% of the bid amount will be required for this item. The bid deposit may be in the form of certified check, cashier's check or bid bond.

The Commission reserves the right to reject any or all bids, to waive minor technicalities, and to accept the bid that is deemed to be in the best interest of the County of Hillsdale.

BOARD OF COUNTY ROAD COMMISSIONERS
OF HILLSDALE COUNTY, MICHIGAN

Bob Godfrey, Chairman
Mike Parney, Vice-Chairman
Gary Leininger, Commissioner

PROJECT NO. PT 2222 – Centerline, edgeline and pavement markings for roads in Hillsdale County.

BID and AWARD

Date _____

Board of County Road Commissioners
Of Hillsdale County
1919 Hudson Road
Hillsdale, MI 49242

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 performance and understands that the quantities shown in the estimate are approximate only and are subject to either increase or decrease; and hereby proposed 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 work in strict accordance with the plans and specifications therefore. The undersigned further proposes to such extra work as may be ordered by you, prices for that 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 complete all items of work on or before October 31, 2022. The contractor shall submit a progress schedule subject to approval of the project engineer prior to the award of the contract.

The undersigned encloses a certified check, cashier's check, or Bid Bond, representing 5% of the bid, in the amount of \$_____, payable to the Hillsdale County Road Commission as a guarantee of good faith. If the contract is awarded to the undersigned, and the undersigned fails to furnish satisfactory bonds to the Road Commission within fifteen (15) days after being given notice of award said check will be forfeited to the Hillsdale County Road Commission as liquidated damage.

THE CONTRACT

The Contract Documents consist of the bid documents, this Agreement, Conditions of the Contract (General Supplementary, Special and other Conditions), Drawings, Specifications, Addenda issued prior to execution of this Agreement, other documents listed in this Agreement and Modifications issued after execution of this Agreement; these form the Contract, and are as fully a part of the Contract as if attached to this Agreement or repeated herein. The Contract represents the entire and integrated agreement between the parties hereto and supersedes prior negotiation, representations or agreements, either written or oral. If anything in the other Contract Documents is inconsistent with this Agreement, this Agreement will govern.

PROJECT NO. PT 2222 – Centerline, edgeline and pavement markings for roads in Hillsdale County.

HILLSDALE COUNTY ROAD COMMISSION
HILLSDALE, MICHIGAN
ITEMIZED UNIT PRICE BID SCHEDULE

ITEM OF WORK	QUANTITY	UNIT PRICE	TOTAL
Pavt Mrkg, Waterborne, 4 inch Yellow	1,510,000 Feet		
Pavt Mrkg, Waterborne, 4 inch, White	1,126,000 Feet		
Pavt Mrkg, Thermopl, Rumble Strip	4,416 Feet		
Pavt Mrkg, Waterborne, 6" Crosswalk	200 Feet		
Pavt Mrkg, Waterborne, 12" Crosswalk	200 Feet		
Pavt Mrkg, Waterborne, 12" Stop Bar	100 Feet		
Pavt Mrkg, Waterborne, 24" Stop Bar	1,242 Feet		
Pavt Mrkg, Waterborne, School Zone	27 Each		
Pavt Mrkg, Railroad Crossing	27 Each		

TOTAL OF BID \$ _____

The undersigned bidder agrees that the following is a complete and accurate list of all sub-contractors to be utilized is awarded this contract and any change from this list will be permitted only with the consent of the Board of County Road Commissioners of Hillsdale County. **LIST NAME OF EACH SUB-CONTRACTOR AND BRIEF DESCRIPTION OF WORK TO BE DONE.**

I hereby state that all of the information I have provided is true, accurate and complete. I hereby state that I have the authority to submit this bid, which will become a binding contract if accepted by the Board of County Road Commissioners of Hillsdale County. I hereby state that I have not communicated with nor otherwise colluded with any other bidder, nor have I made any agreement with nor offered or accepted anything of value from an official or employee of the Board of County Road Commissioners of Hillsdale County that would tend to destroy or hinder free competition.

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.

I hereby state that I have read, understand and agree to be bound by all the terms of this bid document.

SIGNATURE: _____ NAME: _____
(Type or Print)

TITLE: _____ DATE: _____

FIRM NAME: _____ PHONE: _____

ADDRESS: _____
(Street Address) (City) (State) (Zip)

FOR COUNTY USE ONLY – DO NOT WRITE BELOW

ACCEPTED BY: BOARD OF COUNTY ROAD COMMISSIONERS
OF THE COUNTY OF HILLSDALE, MICHIGAN

Chairman

Date

Vice -Chairman

Member

PROPOSAL FOR PAVEMENT MARKING

We do hereby propose to furnish all necessary material, labor and equipment to paint centerline, edgelines and pavement markings by means of a pneumatic spray device, on approximately 260 Miles of HMA, chip seal and/or concrete surfaced roads in Hillsdale County and in the City of Hillsdale in accordance with the following specifications. The current Michigan Department of Transportation (MDOT) Specifications for Permanent Pavement Markings will apply.

METHOD & RATES OF APPLICATION

The three-line system of centerline marking will be used. Lines shall be as follows:

- (1) A 4-inch wide line will be used at all times for centerline.
- (2) Paint shall be applied at 15 mil wet film thickness, or 16 gallons paint per mile of 4-inch solid line. Beads to be applied at rate of 8 lbs per gallon of paint.
- (3) The centerline of yellow will be an intermittent line containing 12.5-foot yellow segment and 37.5-foot skip segment. The paint shall be applied uniformly at an approximate rate of 4 gallons of paint per mile of Skip Line.
- (4) The yellow barrier line shall be a solid line, placed adjacent to the centerline, and applied as needed to indicate no passing zones. Wherever a double yellow barrier line is required, there will be no intermittent yellow placed between the two barrier lines.
- (5) Edgelines of white shall be applied as a solid 4-inch minimum width line. The paint shall be applied uniformly at a minimum rate of 16 gallons per mile of edgeline.
- (6) Paint unit must be capable of applying all three lines simultaneously.
- (7) All pavement marking paint will be white, 15 mil wet film thickness. Beads will be applied at a rate of 8 lbs per gallon of paint.
- (8) Raised Thermoplastic Ruble Strips will be placed according to Section 811

MATERIALS

PAVEMENT MARKING PAINT: MDOT Waterborne Pavement Marking Material

GLASS BEADS: MDOT Glass Beads

LINE PROTECTION

The Contractor shall have his equipment marked with all of the safety features required and the necessary safety equipment required by law. The protection of the wet paint shall be the responsibility of the Contractor.

EQUIPMENT

The contractor shall use self-propelled pavement marking equipment certified by MDOT in accordance with the Equipment Certification Guidelines for Pavement Markings. Current certification must be maintained.

LAYOUT WORK

The Road Commission shall provide guide marks for “NO PASSING ZONE” locations.

PREQUALIFICATION

The approved bidder shall be prequalified by the Michigan Department of Transportation.

PROSECUTION OF WORK

The work proposed herein shall be completed by October 31, 2022, however, due to the nature of the operations, the Contractor may elect to partially complete the specified mileage and return at a later date (as agreed upon) to complete the balance. Some roads (approximately 50 miles) may not be ready for painting until after October 31, 2022. Check with the Road Commission before proceeding to find out which roads will be painted at the end of the season. Pavement markings may be applied anytime after the completion of the resurfacing projects.

CONTRACT QUANTITIES

The Road Commission reserves the right to increase or decrease the contract mileage by 50% without a change in unit price.

METHOD OF PAYMENT

All paint shall be run through a flow meter as applied to determine that the correct volume has been applied per mile of line or lines. Verification of measurement from the paint unit will be required to be submitted with invoices for the work.

Skip Lines and No Passing Zones: All yellow paint, beads and application for the intermittent centerline and barrier lines to be paid and measured as actual numbers per feet of paint placed.

Pavement Edgeline: All Pavement Edgeline (White Paint) beads and application for the solid line to be paid and measured as actual number per miles of line (one side).

RENEWAL OPTIONS

The Road Commission reserves the right to renew the contract for three additional one-year terms, each upon mutual agreement of both parties. Pricing, terms and conditions of first year on contract will remain the same for any one-year renewal periods, but striping lengths and locations will vary.

HILLSDALE COUNTY ROAD COMMISSION
HILLSDALE, MICHIGAN

GENERAL SPECIFICATIONS

MICHIGAN DEPARTMENT OF TRANSPORTATION-STANDARD SPECIFICATIONS

The work covered by the plans and specifications will be done in accordance with the current Michigan Department of Transportation Standard Specifications for Construction, except as qualified in supplemental specifications and special conditions of the Hillsdale County Road Commission or as agreed to in writing at the time of the award of the contract.

DEFINITION OF TERMS

See the current Michigan Department of Transportation Standard Specifications for Construction.

SPECIAL CONDITIONS

Special requirements, regulations or directions applying to a particular project may be made a part of these specifications.

THE WORK

The work consists of the completed services, construction and/or paving by the Contract Documents and includes all materials and labor incorporated or to be incorporated therein.

RESPONSIBILITIES OF CONTRACTOR

A. Responsibility for and Supervision of Construction. Unless otherwise stated herein, Contractor will be solely responsible for all construction under this Contract, including the methods, techniques, sequences, procedures, and means, and for coordination of all work. Contractor will supervise and direct the work to the best of Contractor's ability and give it all attention necessary for such proper supervision and direction.

B. Discipline and Employment. Contractor will maintain at all times strict discipline among Contractor's employees, and contractor agrees not to employ for work on the project any person unfit for without sufficient skill to perform the job for which he or she was employed.

C. Furnishing of Labor, Materials, etc. Unless otherwise stated herein, Contractor will provide and pay for all labor, materials, and equipment, including tools, construction equipment, and machinery, utilities, including water, transportation, and all other facilities and services necessary for the proper completion of work on the project in accordance with the Contract Documents.

D. Payment of Taxes; Procurement of Licenses and Permits. Contractor will pay all taxes required by law in connection with work on the project in accordance with this agreement including sales, use, and similar taxes, and will secure all licenses and permits necessary for proper completion of the work, paying the fees for such licenses and permits.

E. Compliance with Laws and Regulations. Contractor will comply with all laws and ordinances, and the rules, regulations or orders of all public authorities relating to the performance of the work under and pursuant to this Agreement including, but not limited to, the Occupational Safety and Health Act of 1970, the Michigan Occupational Safety and Health Act, and the rules and regulations of the Michigan Construction Safety Commission.

F. Responsibility for Negligence of Employees and Subcontractors. Contractor assumes full responsibility for acts, negligence or omissions of all of Contractor's employees on the project, for those of Contractor's subcontractors and their employees, and for those of all other persons doing work under a contract with Contractor.

G. Responsibility for Safety. Unless otherwise stated herein, at Contractor's expense, Contractor will take all necessary precautions (including, without limitation, the furnishing of traffic control, barricades, traffic control devices, flaggers, warning lights, signs, warning signs, safety channels, channelization devices, guards, fences, walks, flags, cables and lights) for the safety of, and the prevention of injury, loss and damage to, persons and property (including, without limitation, in the term persons, members of the public, employees, Contractor's subcontractors and their respective employees, other contractors, their subcontractors and respective employees) on, about or adjacent to the location where the work is being performed, and will comply with all applicable provisions of safety rules, ordinances, codes, regulations, and orders of duly-constituted public authorities including, but not limited to, the Michigan Manual of Uniform Traffic Control Devices.

H. Responsibility of Subcontractors. The Contractor will require any subcontractor hired by the Contractor for the purpose of performing any of the work described by the Contract documents to be bound by all of the terms and conditions of the Contract documents and to perform the work in accordance with the Contract documents. Each and every condition of the Contract documents, including without limitation, the RESPONSIBILITIES OF THE CONTRACTOR, will be made a condition of each subcontract entered into by the Contractor in conjunction with the performance of the work.

INDEMNIFICATION

To the fullest extent permitted by law, the Contractor will indemnify, defend, and hold harmless The Board of County Road Commissioners of Hillsdale County, its officers, employees, representatives and agents from and against any and all claims, damages, demands, payments, suits, actions, recoveries, judgements, losses and expenses, including attorney fees, interest, and court costs, which are made, brought or recovered against the Board of County Road Commissioners of Hillsdale County, arising out of or resulting from performance of the Contractor's work under this Contract, provided that such claims, damages, losses, demands, payments, suits, actions, recoveries, judgements and/or expenses are attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the work itself) including loss of use resulting therefrom, but only if caused in whole or in part, by the act, omissions, fault, negligence or breach of the conditions of this Contract by negligent acts or omissions of the Contractor, the Contractor's sub-subcontractors, anyone directly or indirectly employed by them or anyone for whose acts they may be liable, regardless of whether or not such claim, damage, loss or expense is caused in part by a party indemnified hereunder. The Contractor will not, however, be obligated to indemnify the Board of County Road Commissioners of Hillsdale County, for any damage or injuries caused by or resulting from the sole negligence of the Board of County Road Commissioners of Hillsdale County. Such obligation will not be

construed to negate, abridge or otherwise reduce other rights or obligations of indemnity which would otherwise exist as a party or person described in this paragraph.

In claims against any person or entity indemnified under this Agreement by an employee of the Contractor, the Contractor's sub-subcontractors, anyone directly or indirectly employed by them or anyone for whose acts they may be liable, the indemnification obligation under this paragraph will not be limited by a limitation on amount or type of damages, compensation or benefits payable by or for the Contractor or the Contractor's subcontractors under workers' or workmen's compensation acts, disability benefit acts or other employee benefit acts.

INSURANCE

A. Contractor's Insurance. Prior to start of the Contractor's work, the Contractor will procure for the Contractor's work and maintain in force until the completion of the work, workers' compensation insurance, employer's liability insurance, comprehensive general liability insurance and all insurance required of the contract under the contract documents.

The Board of County Road Commissioners of Hillsdale County will be named as an additional insured on each of these policies except for worker's compensation.

The insurance will include contractual liability insurance covering the Contractor's obligations under its agreement of indemnification as set forth herein.

B. Minimum Limits of Liability. The Contractor's comprehensive general and automobile liability insurance as required herein, will be written with limits of liability not less than the following:

a. Comprehensive general liability including completed operations

(1) \$ 500,000 each occurrence

b. Property damage

(1) \$ 500,000 each occurrence

C. Number of Policies. Comprehensive general liability insurance and other liability insurance may be arranged under a single policy for the full limit required or by combination of underlying policies with the balance provided by an excess or umbrella liability policy.

D. Cancellation, Renewal or Modification. The Contractor will maintain in effect all insurance coverage required under this Agreement at the Contractor's sole expense and with insurance companies acceptable to the Board of County Road Commissioners of Hillsdale County.

All insurance policies will contain a provision that the coverage afforded thereunder will not be cancelled or not renewed nor restrictive modifications added at any time after a certificate of insurance required under agreement has been issued and before the work; as defined herein, has been completed, until at least thirty (30) days prior thereto written notice has been given to the Board of County Road Commissioners of Hillsdale County unless otherwise specifically required in the Contract Documents.

Certificates of insurance or certified copies of policies acceptable to the Board of County Road Commissioners of Hillsdale County will be filed with the Board of County Road Commissioners of Hillsdale County prior to the commencement of the Contractor's work.

In the event that the Contractor fails to obtain or maintain any insurance coverage required under this Agreement, the Board of County Road Commissioners of Hillsdale County may:

1. Purchase such coverage and charge the expense thereof to the Contractor, and
2. Withhold from any payment due or to become due to the Contractor an amount sufficient to protect the Board of County Road Commissioners of Hillsdale County from such claims, damages, demands, payments, suits, actions, recoveries, judgements, losses and expenses, including attorney fees, interest and court costs, and
3. Terminate this agreement.

Nothing contained in this Agreement, nor the Board of County Road Commissioners of Hillsdale County's compliance there with, will relieve the Contractor from its obligations under the Contract to purchase and maintain required insurance or to indemnify the Board of County Road Commissioners of Hillsdale County.

PROGRESS CLAUSE

The successful bidder will be required to submit a Progress Schedule, giving an outline of his proposed order of work and to indicate the dates for completion of the work. This outline, when approved by the Road Commission, will become a part of the contract.

PROSECUTION OF THE WORK

The Contractor will begin the work within five (5) days after being notified by the Road Commission of the award of the contract, unless this is inconsistent with the Progress Schedule, in which case the Progress Schedule will govern. The Contractor will prosecute the work in the order given in the Progress Schedule, with 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 Schedule, 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 Road Commission will have the right to require the contractor to furnish and place in operation such additional force and equipment as the Road Commission will deem necessary to bring the work up to the Progress Schedule; and in case of the Contractor's neglect to do so, the Road Commission may place such working force and equipment on the work and charge the Contractor the cost of the labor and such rental and depreciation rates for the plan and equipment as in its judgement is reasonable, and for such time as the plant and equipment are in service.

ESTIMATED QUANTITIES

The quantities listed in the proposal are the estimated quantities. Increases or decreases in quantities will not be considered as a basis for adjustment in unit prices.

FINAL PAYMENT

Final payment will not be made until the contractor will have filed with the Board of County Road Commissioners the consent of the Surety of the payment of the final estimate and satisfactory evidence by affidavit or otherwise that all his indebtedness by reason of the contract has been fully paid or satisfactorily secured. In case such evidence is not furnished, the Road Commission may retain out of any amount due said contractor sums sufficient to cover all lienable claims unpaid.

AFFIRMATIVE ACTION POLICY (EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER)

The Hillsdale County Road Commission will require the Contractor to submit an Affirmative Action Policy stating that they are an equal employment opportunity employer and will recruit, hire and promote in all job classifications without regard to race, color, religion, sex or national origin, except where sex is a bona fide occupational qualification. The Affirmative Action Policy will be signed by the Contractor or one of the Company's Authorized Officers.

CONTRACT BONDS

The Successful Bidder will furnish satisfactory performance and lien bonds, each in the amount of not less than one hundred (100) percent of the total contract price. Such bonds will be on forms provided and will meet the regulations of the Hillsdale County Road Commission and the requirements specified in the laws of Michigan.

LIQUIDATED DAMAGES

Failure to complete the project on or before the completion date specified will be assessed according to the following schedule:

Original Contract Amount	Liquid Damages Per Calendar Day
\$ 0 to 49,999	75
50,000 to 99,999	150
100,000 to 499,999	450
500,000 to 999,999	900
1,000,000 to 1,999,999	1,300
2,000,000 to 4,999,999	1,550
5,000,000 to 9,999,999	2,650
10,000,000 and above	3,000

The liquidated damages may be delayed if the contractor meets the requirements set forth in the current MDOT Standard Specifications for Construction. Approval of the project engineer is required.

2022

ROAD	TOWNSHIP	LOCATION	EDGE LINE	NO-PASS	SKIP	MILEAGE
E. Bacon Rd.	Adams	Peterson Rd. To Pittsford Rd.	63,371	26,733	6,684	6.00
Milnes Rd.	Adams	State Rd. To Addison Rd.	42,472	23,855	3,337	4.02
N. Adams Rd.	Adams	Milnes Rd. To Dennings Rd	33,369	22,920	2,196	3.16
State Road	Adams	Milnes Rd. To N. Adams Village	55,662	40,265	2,602	5.27
N. Adams Road	Adams	Reed Rd. To Twn. Line	20,908	8,200	2,202	1.98
Knowles Road	Adams	N. Adams V.L. To Addison Rd.	8,131	3,759	808	0.77
Young / Arkansasaw	Allen	Branch County Line To M-49		18,839	3,970	4.17
South Allen	Allen	Twn. Line To US-12		21,775	3,801	3.96
Jonesville Rd.	Allen / Litchfield	Squires Rd. To M49	31,712	14,921	3,337	3.00
Jonesville Rd.	Allen / Litchfield /Fayette	M-49 To City of Jonesville	47,615	22,725	4,518	4.51
Hillsdale Road	Amboy	Ohio State Line To Harmon Rd.	27,204	27,203	-	2.58
Lilac Rd.	Cambria	S. Hillsdale Rd. To Carpenter Rd.		21,157	1,975	3.26
S. Hillsdale Rd.	Cambria	Hillsdale/Cambria Twn Line To Reading Rd.	42,409	21,622	4,404	4.02
Hillsdale Road	Cambria	Squawfield Rd. To Hillsdale TWP Line	63,518	30,994	7,392	6.01
Carpenter Road	Cambria	Reading Rd. To Bankers Rd.		30,413	1,500	3.46
Reading Rd.	Cambria	HillsdaleRd. To Grasslake Rd.	25,027	18,685	1,478	2.37
Reading Rd.	Cambria & Reading	Reading City Limits To S. Hillsdale Rd	57,788	38,175	4,140	5.54
Camden Rd.	Camden	Camden E.C.L. To Gilmore Rd		18,543	607	2.03
Camden Rd.	Camden	State line To Camden W.C.L.	21,014	16,917	1,019	1.99
Long Lake Road	Camden	Montgomery C.L. To Crawford Rd.		21,400	544	2.29
Mead Road	Camden	State Line To Camden Rd.		29,341	2,064	3.81
Todd Road	Camden	Camden Rd. To Montgomery C.L.		9,298	1,145	1.36
N. Adams Rd.	Fayette	Jonesville C.L. To Milnes Rd.	30,846	23,237	1,663	2.92
N Hillsdale / Ball / H	Fayette	Mauck Rd. To Jonesville C.L.	31,574	19,673	2,529	2.99
E. Bacon Rd.	Hillsdale	Hillsdale C.L. To Peterson Rd.	12,207	11,869	90	1.16
State Road	Hillsdale	Hillsdale C.L. To Milnes Rd.	10,877	4,414	998	1.03
S. Hillsdale Rd.	Hillsdale	Hillsdale C.L. To Cambria Twn. Line	7,645	3,543	771	0.72
Bird Lk. Rd.	Jefferson	Skuse Rd. To M34		34,800	1,140	3.86
Reading Rd.	Jefferson	Bird lake Rd. To Pittsford Rd.	34,996	32,472	539	3.31
Reading Rd.	Jefferson	Grasslake Rd. To Bird Lake Rd.	31,891	25,291	1,146	3.02
Beecher Road	Jefferson	Bird Lk. To Culbert Rd.		11,943	517	1.34
Beecher Road	Jefferson	Osseo Rd. To Pittsford Rd.		22,181	1,927	3.10
Litchfield Road	Litchfield	Adams Rd. To Rainey Rd.		8,628	2,370	2.02

ROAD	TOWNSHIP	LOCATION	EDGE LINE	NO-PASS	SKIP	MILEAGE
Litchfield Rd.	Litchfield	Litchfield C.L. To Storms Rd.	31,627	2,592	4,113	3.00
Sterling Rd.	Litchfield	Squires Rd. To M49	37,076	9,372	4,509	3.51
Harring Road	Litchfield	M-49 To Cronk Rd.		4,752	1,758	1.51
Rainey Road	Litchfield & Scipio	M-99 To Heath Rd.	15,914	2,640	1,964	1.51
Milnes Rd.	Moscow	Addison Rd. To US12	21,257	12,614	1,721	2.01
Sterling Rd.	Moscow	US12 To Twn. Line	62,557	38,096	4,662	5.92
Litchfield Road	Moscow	Milnes Rd. To US-12		10,444	2,550	2.42
Knowles Road	Moscow	Addison Rd. To Sterling Rd.	21,226	5,496	2,445	2.01
Pittsford Rd.	Pittsford	Squawfield Rd to M-34		35,608	486	3.57
Waldron Rd.	Pittsford	Squawfield Rd. To Culbert Rd.		41,690	4,108	6.04
Beecher Road	Pittsford	Pittsford Rd To US-127		47,520	2,973	5.91
Camden Road	Ransom	Grasslake Rd. To Pittsford Rd.		13,142	7,588	6.02
Reading Road	Reading	Branch County Line To Reading C. L.	-	33,940	1,140	3.71
Long Lake Road	Reading	Crawford Rd. To Bankers Rd.		41,802	2,475	5.07
South Allen	Reading	Bankers Rd. To Twn. Line		5,660	1,145	1.00
Concord Road	Scipio	US-12 To Jackson County Line	60,614	20,011	6,474	5.74
Litchfield Road	Scipio	Rainey Rd. To Milnes Rd.		32,573	5,438	6.01
Jerome Rd.	Somerset	US12 To Waldron St.		16,695	1,135	2.04
Waldron Rd.	Somerset	Addison Rd. To US12		45,075	1,214	4.80
Sterling Road	Somerset	Twn. Line To Jerome Rd.		8,121	485	1.05
E. Bacon Rd.	Wheatland	Pittsford Rd. To Waldron Rd.	30,772	21,268	1,980	2.91
Waldron Rd.	Wheatland	Addison Rd. To Culbert Rd.		45,434	3,897	6.05
Church Road	Wheatland	Waldron Rd. To US-127		12,144	3,332	2.77
N. Adams Road	Wheatland	Twn. Line To US-127	65,050	38,913	5,444	6.16
Camden Road	Woodbridge	Gilmore Rd. To S. Hillsdale Rd.	-	22,567	4,029	4.02
Hillsdale Road	Woodbridge	Harmon Rd. To Squawfield Rd.	52,800	20,887	5,866	5.00
Camden Road	Woodbridge	Gilmore Rd. To S. Grasslake Rd.	-	42,906	4,476	6.05
Broom Road	Wright	Waldron Village To US-127	26,400	5,386	3,189	2.50
Waldron Road	Wright	Territorial Rd. To Squawfield Rd.	-	17,382	7,302	7.34

PRIMARY ROAD TOTALS	1,125,530	1,340,521	171,312	216.69
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TOTAL FOOTAGE:	2,637,363
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ROAD	TOWNSHIP	LOCATION	EDGE LINE	NO-PASS	SKIP	MILEAGE
Peterson Rd	Adams / Hillsdale	Peterson Rd. East To E. Bacon Rd.		10,507		1.00
Peterson Rd	Adams / Jefferson	Peterson Rd North To Lk. Pleasant Rd		7,830	1,003	1.12
Cellers Rd.	Amboy	S. Hillsdale Rd. To Woodbridge Rd.		10,560		1.00
Woodbridge Rd	Amboy	Boat launch To Top of hill 1520'		3,000		0.29
Lilac Rd.	Cambria	Gilmore Rd. To Carpenter Rd.		3,923	818	0.84
Dimmers Rd	Camden	M49 To Gilmore Rd.		14,821	1,484	2.02
Mosherville Rd.	Litchfield	M99 To Anderson Rd.		5,206	956	0.91
Mosherville Rd.	Litchfield	Anderson Rd. To Rainey Rd.		12,033	2,592	2.51
Addison Road	Moscow / Adams	Knowles Rd. To Twn. Line		14,040	2,587	2.50
Day Rd.	Pittsford	Waldron Rd. To US-127		22,847	1,900	3.00
Lilac Rd.	Reading	M49 To Gilmore Rd.		15,111	1,230	2.00
Cranberry Lake Rd.	Scipio	M99 To Mosherville Rd		23,274	3,680	4.08
Hasting Lake Road	Scipio	Concord Rd. To Milnes Rd.		25,275	1,087	3.04
Mosherville Rd.	Scipio	Winfield Rd. To Concord Rd.		4,783		0.47
Mosherville Rd.	Scipio	Concord Rd. To End of Pavement		9,863	1,029	1.51
Mosherville Rd.	Scipio	Rainey Rd. To Goose Lake Rd.		22,551	2,603	3.41
Mosherville Rd.	Scipio	Concord Rd. To End of Pavement		9,863	1,029	1.51
Mosherville Rd.	Scipio	Rainey Rd. To Goose Lake Rd.		22,551	2,603	3.41
Mosherville Rd.	Scipio	Winfield Rd. To Concord Rd.		4,783		0.47
Sterling Road	Scipio	Concord Rd. To US-12		14,440	2,988	3.04
Addison Road	Somerset / Wheatland	Twn. Line To Meridian Rd.		30,645	6,631	5.92
Coman Rd.	Wright	Burt Rd. To Prattville Rd.		4,868	961	1.00

LOCAL ROADS TOTALS	-	292,774	35,181	45.05
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TOTAL FOOTAGE:	327,955
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Special Pavement Markings Rail Road Crossings

Road	Location	Primary	Pavement
		Local	Markings
Abbott Rd.	S of Crawford Rd	L-15	1
Abbott Rd.	N of Crawford Rd.	L-23	1
Bankers Rd.	E of Bunn Rd.	P-14	2
Bunn Rd.	S of Jonesville Rd	L-16	2
Card Rd.	W of Fowler Rd.	L-23	2
Carpenter Rd	S of Bankers Rd	P-14	3
Herring Rd	E of Anderson Rd.	L-19	3
Jonesville Rd.	E of Murphy Rd.	P-16	2
Lake Willson Rd	N of Bankers Rd	L-17	2
Long Lake Rd.	S of Wigent Rd.	P-15	2
McCallum Rd.	E of Branch County Line	P-15	2
Moore Rd.	N of Carleton Rd.	L-16	2
Murphy Rd.	S of Jonesville Rd	L-16	1
Quackenbush Rd.	W of Carpenter Rd.	L-14	2

Total

27

Special Pavement Markings School Zones

School	Road	Location	Primary	Pavement
			Local	Markings
Amish	Austin Rd.	W of Bishop Rd	L-15	2
Amish	Camden Rd.	E of Patrick Rd.	P-15	2
Amish	Carpenter Rd.	N of Camden Rd.	P-15	2
Amish	Hoxie Rd.	W of Jerome Rd	P-26	2
Amish	Steamburg Rd.	N of Reynolds Rd.	L-14	2
Bird Lake Bible	Bird Lake Rd	N & S of Nichols Rd.	P-18	2
Camden Frontier	Montgomery Rd.	E of Gilmore Rd.	P-27	1
Camden Frontier	Montgomery Rd.	W of Gilmore Rd.	P-15	1
Freedom Farm	Beecher Rd	E of Pittsford Rd.	P-21	2
Jonesville	North Adams Rd.	E of Jonesville Village Limits	P-16	1
North Adams Jerome	Knowles Rd.	N of Hoxie Rd.	P-11	2
Pittsford	Market Street	E of Pittsford Rd.	L-21	2
Seventh-day Adventist	Waldron Rd.	S of Hudson Rd..	P-21	2
Waldron	Waldron Rd.	S of Hartly Rd.	P-28	2
Will Carleton	Hallett Rd	W of Hillsdale City Limits	L-17	2

Total

27

Special Pavement Markings Stop Bars

Road	Township	Location	Primary	Stop Bars
			Local	Feet
Arkansaw Rd.	Allen	E of South Allen Rd	P-12	24
Arkansaw Rd.	Allen	W of South Allen Rd.	P-12	18
Bankers Rd.	Cambria	S of Cole Rd.	P-14	22
Bankers Rd.	Hillsdale	E of Bunn Rd.	P-17	22
Barr Street	Hillsdale	S of Mechanic Rd.	P-17	19
Bunn Rd.	Hillsdale	S of W Bacon Rd.	P-17	20
Bunn Rd	Hillsdale	N of Cole Rd.	P-14	9
Bunn Rd	hillsdale	S of Mechanic Rd.	P-17	21
Bunn Rd.	Hillsdale	N of W Bacon Rd.	P-17	20
Camden Rd	Woodbridge	E of S Hillsdale Rd	P-27	20
Camden Rd	Woodbridge	W of S Hillsdale Rd.	P-27	20
Camden Rd	Wright	E of Waldron Rd	P-28	21
Camden Rd	Wright	W of Waldron Rd.	P-28	15
Cole Rd.	Hillsdale	W of Bunn Rd.	P-17	22
Cronk Rd	Litchfield	S of M-99	P-19	23
Herring Rd	Litchfield	E of M-49	P-19	15
Herring Rd	Litchfield	W of Cronk	P-19	21
Jonesville Rd.	Litchfield	E of M-49	P-19	22
Jonesville Rd.	Litchfield	W of M-49	P-19	23
Knowles Rd.	Moscow	S of Sterling Rd	P-20	25
Lake Pleasant Rd.	Adams	N of E Bacon Rd.	P-11	30
Lake Pleasant Rd.	Adams	S of E Bacon Rd.	P-11	30
Lake Pleasant Rd.	Adams	N of State Rd.	P-11	26
Lake Pleasant Rd.	Adams	S of State Rd.	P-11	26
Lake Wilson Rd.	Hillsdale	N of Mechanic Rd	P-17	26
Lake Wilson Rd.	Hillsdale	S of Mechanic Rd.	P-17	26
Lake Wilson Rd.	Hillsdale	N of W Bacon Rd	P-17	22
Lake Wilson Rd.	Hillsdale	S of W Bacon Rd.	P-17	22

Special Pavement Markings Stop Bars

Road	Township	Location	Primary	Stop Bars
			Local	Feet
Litchfield Rd.	Scipio	E of Milnes Rd.	P-20	33
Litchfield Rd.	Scipio	W of Milnes Rd.	P-20	33
Litchfield Rd.	Scipio	E of Concord Rd	P-24	26
Litchfield Rd.	Scipio	W of Concord Rd.	P-24	26
Milnes Rd	Adams	N of State Rd.	P-17	26
Moore Rd.	Fayette	W of N Hillsdale Rd	L-16	27
Moscow Rd.	Moscow	N of Sterling Rd	P-20	40
Mosherville Rd.	Moscow	W of Moscow Rd	P-20	25
Mosherville Rd.	Scipio	E of Concord Rd	L-24	26
Mosherville Rd.	Scipio	W of Concord Rd.	L-24	25
North Adams Rd.	Adams	E of Milnes Rd.	P-11	23
North Adams Rd.	Fayette	W of Milnes Rd.	P-11	29
Osseo Rd	Adams	N of E Bacon Rd.	P-11	18
Osseo Rd	Adams	S of E Bacon Rd.	P-11	18
Pittsford Rd	Wheatland	S of E Bacon Rd.	P-26	25
Prattville Rd	Wright	E of Waldron Rd	P-28	38
Prattville Rd.	Wright	W of Waldron Rd.	P-28	38
Reading Rd.	Cambria	E of S Hillsdale Rd	P-14	21
Reading Rd.	Cambria	W of S Hillsdale Rd.	P-14	21
Spring Street	Hillsdale	N of W Bacon Rd.	P-17	22
Squawfield Rd.	Pittsford	E of Waldron Rd	P-21	16
Squawfield Rd.	Pittsford	W of Waldron Rd.	P-21	20
Steamburg Rd.	Cambria	N of Sqawfield Rd.	P-14	11
W Bacon Rd.	Hillsdale	E of Spring St.	P-17	10
Waldron Rd.	Wright	N of Prattville Rd.	P-28	17
Waldron Rd.	Wright	S of Prattville Rd.	P-28	18

Total Feet 1242

Special Pavement Markings Rumble Strips

Road	Location	Primary	Rumble Strips		
		Local	Feet	New	Repair
Arkansaw Rd.	E of South Allen Rd	P-12	184		X
Arkansaw Rd.	W of South Allen Rd	P-12	184		X
Camden Rd	E of S Hillsdale Rd	P-27	184		X
Camden Rd	W of S Hillsdale Rd	P-27	184		X
Jonesville Rd.	E of M49	P-19	184		X
Jonesville Rd.	E of M49	P-19	184		X
Litchfield Rd.	E of Concord Rd	P-24	184		X
Litchfield Rd.	W of Concord Rd.	P-24	184		X
Litchfield Rd.	E of Milnes Rd.	P-20	184		X
Litchfield Rd.	W of Milnes Rd.	P-24	184		X
Milnes Rd	N of State Rd	P-11	184		X
N. Adams Rd.	E of Milnes Rd.	P-11	184		X
N. Adams Rd.	W of Milnes Rd.	P-16	184		X
Steamburg Rd.	N of Squawfield Rd.	L-14	184		X
W. Bacon Rd	W of Sand Lake Rd.	P-12	184		X
Waldron Rd.	N of M34	P21	184		X
Waldron Rd.	S of M34	P21	184		X
Reading Rd.	W of S Hillsdale Rd	P-14	184		X
Reading Rd.	E of S Hillsdale Rd	P-14	184		X
Territorial Rd.	W of US127	P-28	184	X	
Territorial Rd.	E of M99	P-13	184	X	
Territorial Rd.	W of M99	P-13	184	X	
Territorial Rd.	E of M49	P-15	184	X	
Territorial Rd.	W of M49	P-15	184	X	

Total Feet

4416