

The Henry County Engineer requests quotes for pavement marking various county roads. Quotes must be submitted on the supplied forms. Quotes must be turned by Thursday, August 29, 2013. Quotes may be mailed, faxed or emailed to the engineer's office.

Henry County Engineer
660 North Perry Street
Napoleon, Ohio 43545
Fax: (419)592-5508

Email: pmccolley@henrycountyengineer.com

SPECIFICATIONS

DESCRIPTION: This work shall consist of furnishing all labor, materials and equipment necessary for the required pavement preparation and application of Reflectorized Pavement Markings (ODOT Items 641 and 642) on specific County and Township roads as shown on the accompanying list and map. All pavement markings shall conform to the requirements of the ODOT Manual of Uniform Traffic Control Devices for Streets and Highways. It is the intent to have the County Roads painted with yellow intermittent and solid yellow lines where necessary to indicate intersections, curves, No-Passing Zones, etc. The State of Ohio Department of Transportation Construction and Material Specifications dated **January 1, 2002** together with any changes or additions as stated herein shall govern all work.

SUPERVISION: All work to be done under the Contract shall be under the supervision of the County Engineer or his authorized representative.

SAFETY: The Contractor shall have his equipment marked with all the necessary safety equipment required by law. The Contractor shall be responsible for maintaining traffic at all times and also shall protect painted lines as required. Any other safety measure necessary will be used to keep the traveling public aware that work is being done on the highway.

WORKMANSHIP: All work shall be performed in a neat and workmanlike manner on a clean and dry road surface. If the road is not clean it is the contractor's responsibility to remove any debris, dirt, stone, etc. before apply pavement markings.

COMPLETION DATE: All work shall be completed on or before October 31, 2013.

For each calendar day that any work shall remain uncompleted after the stated completion date the appropriate sum, in accordance with the schedule of liquidated damages per Section 108.07 of the Standard Specifications of the State of Ohio Department of Transportation, will be deducted from any monies due the CONTRACTOR, not as a penalty but as liquidated damages; provided however, that due account shall be taken of any adjustment of the completion date granted by the County Engineer.

A work day will be counted as lost if the CONTRACTOR'S efficiency is reduced more than fifty (50%) percent on the critical items under construction at that time. Weekends and holidays will not be counted as lost work days.

REFERENCE AND EVIDENCE: Upon request each quote supplier shall satisfy the County

Henry County, Ohio
2013 ReflectORIZED Pavement Markings

Engineer, by reference to work which he has performed, that he is fully competent to properly execute the work of the kind and class required by these specifications. Upon request each quote supplier shall submit evidence by himself in paint striping or pavement marking of the type to meet all specifications as set by the State of Ohio Department of Transportation dated **January 1, 2002**. All Contractors shall be prequalified by the State of Ohio Department of Transportation for paint striping and be able to perform work designated in these specifications.

NOTICE: The Contractor shall provide the Engineer with a minimum of 48 hours notice prior to beginning work. Arrangements shall be made to review the accompanying map with the Engineer or his authorized representative prior to beginning work to verify locations and type of work to be completed.

ACCOMPANYING MAP: The accompanying map indicates the location of work to be completed. All roads highlighted and designated as roads to be striped shall be striped in accordance with the Ohio Department of Transportation Construction and Material Specification Items 641 and 642. **All roads are newly resurfaced or seal coated** and shall have paint applied at 25 percent (25%) over the specified rate as per ODOT Spec. Item 642.04.

NO PASSING ZONE GRAPHS: No-Passing Zone Graphs for each section of County roadway will be furnished to the awarded Contractor and shall be used for the proper "T" marking of all No-Passing zones.

Some roads do not have No-Passing Zone Graphs. Roads without graphs shall be marked similar to like roads. For any questions contact the Engineer.

MATERIALS: All paint materials and glass beads shall conform to the Ohio Department of Transportation Specifications dated January 1, 2002. The Contractor shall provide the manufacturer's code number of materials to be used and proof of pre-qualification of the material in accordance with ODOT Specification 642.02. Paint material must meet State specifications for fast dry paint, Type 1 per ODOT Spec. Item 740.02.

PAVEMENT PREPARATION, EQUIPMENT AND APPLICATION: Shall be in accordance with ODOT Spec. 641 and ODOT Spec. 642; line sizes shall be as follows:

- a) A four (4") inch wide line shall be used for center lines and edge lines.
- b) The center line of yellow shall be a dashed line containing a ten (10') foot striped segment and a thirty (30') foot gap.
- c) The center of the edge lines shall be located six (6") inches from the edge of pavement.

The Contractor shall be responsible for center line placement. The Contractor must assure that the center line is placed within the center of pavement. Premarking is a line item and is expected to be performed on all roads where resurfacing or chipseal operations obliterated the existing markings.

The two-line system of center line marking shall be used. All lines shall be painted with reference to the requirements for pavement markings as found in the Ohio Manual of Uniform Traffic Control Devices for Streets and Highways.

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The paint unit shall be a truck-mounted unit equipped with a minimum of two (2) guns making it capable of applying dashed center line and "No Passing" barrier lines simultaneously. This is necessary to be able to keep adjacent lines in correct alignment.

The paint unit shall be equipped with a warning sign to warn on-coming traffic by means of a sequential flashing chevron capable of flashing left to right, right to left, or pass either side.

The painted lines shall be protected by means of a follow-up vehicle equipped with a sequential flashing chevron capable of flashing left to right, right to left or pass either side, traveling approximately 1,500 feet after the unit making the application.

APPLICATION RATES AND METHOD OF PAYMENT: The quote for all work shall be a "Unit Price" quote.

- a) Center lines, Item 642 shall be paid for based on the actual road miles upon which center lines are applied. The average application rate of ten (10) gallons of yellow traffic paint with six (6) pounds of glass beads per gallon per mile of road shall be used.
- b) Edge lines - Payment shall be based on the actual lineal miles upon which edge lines are applied. The quantity of edgelines is double the actual road miles that edge lines are applied to. The application includes sixteen (16) gallons per mile of line of white traffic paint with six (6) pounds of glass beads per gallon per mile of road.
- c) **Due to all pavement having a new wearing surface All applications shall be at rate 25% over the above specified rate**

NOTES: PREVAILING WAGE RATES PER SECTION 4115 OF THE OHIO REVISED CODE SHALL PREVAIL ON THIS PROJECT.

A COPY OF THE APPLICABLE WAGE RATES MAY BE OBTAINED FROM THE STATE OF OHIO WAGE AND HOUR DIVISION VIA THE INTERNET AT THE FOLLOWING WEB SITE:

<http://www.com.ohio.gov/laws>

SHOULD THE CONTRACTOR NOT HAVE ACCESS TO THE INTERNET, A COMPLETE SET OF THE APPLICABLE WAGE RATES ARE AVAILABLE AT THE OFFICE OF THE HENRY COUNTY ENGINEER. A COPY WILL BE PROVIDED IF REQUESTED.

THE HENRY COUNTY ENGINEER IS AN EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER.

THE CONTRACTOR SHALL CONFORM TO 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, DISABILITY, MILITARY STATUS, OR COLOR.

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THE CONTRACTOR IS REMINDED THAT COMPLETE COMPLIANCE WITH ALL APPLICABLE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION STANDARDS CURRENTLY IN EFFECT IS MANDATORY ON ALL WORK COMPLETED UNDER THIS PROPOSAL/CONTRACT.

Henry County Engineer
2013 PAVEMENT MARKINGS QUOTE

Ref. #	Item #	Quantity	Unit	Item	ITEMIZED Quote			
					Unit Price		Total Unit Price Quote	Total Item Quote
					Labor	Materials		
1	642	36.2	Miles	Premarking				
1	642	36.2	Miles	Center Line Striping				
3	642	5.5	Miles	Edgelines				
4	614	1	L.S.	Maintaining Traffic	Lump	Sum		
5	624	1	L.S.	Mobilization	Lump	Sum		
				Total Quote Amount	XXXXXXXXXX			

Signature: _____

Date: _____

Title: _____

Email: _____

Company: _____

Address: _____

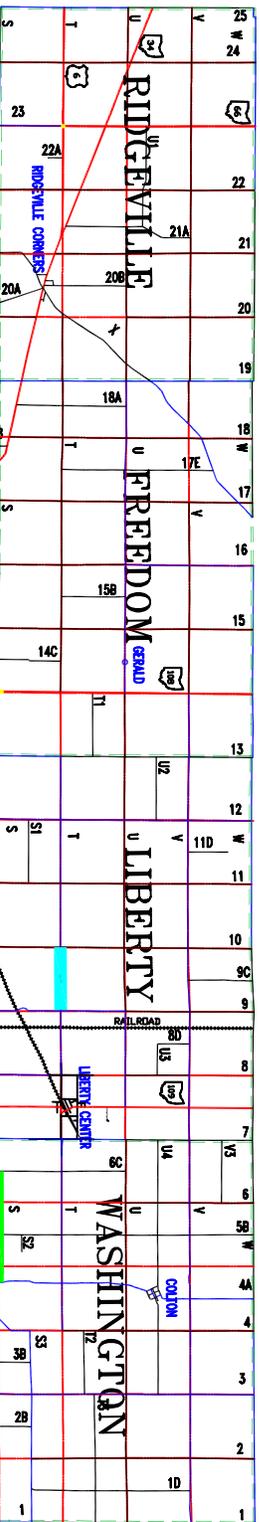
Phone Number: _____

Pavement Marking List and Map

2013 Henry County Pavement Marking List

Road	Between	and	25%	Lengths	Edgelines	Pass	Double	Notes
1	F	G	1.006	1.006		0.132		
2	A	C	2.010	2.010		0.481		
2	P	Q	1.010	1.010		0.388		
7	M	SR 110	4.241	4.241		1.251	2.440	
7	SR 281	J	1.017	1.017		0.118		
8	L	M	1.029	1.029		0.405		
8	M	N	1.000	1.000				No T Graph
11	11C	O3	1.420	1.420				No T Graph
12	11C	O3	0.290	0.290				No T Graph
12	P	SR 110	1.230	1.230	1.230			No T Graph
19	M	N	1.005	1.005		0.392	0.018	
17D	L	Bridge	0.756	0.756		0.393	0.057	
A	1	2	1.000	1.000		0.124		
B	19	17a	1.753	1.753		0.248	0.246	
C1	17b	16c	1.847	1.847		0.362		
F	SR 109	8b	0.499	0.499	0.499		0.499	
F	8b	8	0.503	0.503		0.124		
H	14	SR 108	0.601	0.601		0.119		
L	14	SR 108	0.806	0.806		0.124		
L	19	17D	1.103	1.103		0.129		
N	M1	424	3.510	3.510				No T Graph
O3	US 6	10	0.280	0.280				No T Graph
Q1	19	US 6	2.980	2.980				No T Graph
S	6C	4A	1.756	1.756		0.243		
T	10	9	1.006	1.006	1.006	0.342	0.538	
Y	SR 109	A	2.497	2.497		0.558	1.673	

Total	36.155	36.155	2.735	5.933	5.471
			5.47		



2013 HIGHWAY STRIPING PROGRAM

(REV. 8/21/13)

LEGEND

- STATE ROUTE
- COUNTY ROAD
- TOWNSHIP ROAD
- TOWNSHIP LINE
- CENTERLINE STRIPING
- CENTERLINE & EDGELINE STRIPING

