

SPECIFICATIONS AND PROPOSAL
FOR
2010 REFLECTORIZED PAVEMENT MARKINGS
HENRY COUNTY, OHIO



Randolf L. Germann, County Engineer
Robert E. Hastedt, County Commissioner
Richard C. Myers, County Commissioner
Thomas H. VonDeylen, County Commissioner

BID TO BE RECEIVED
Thursday, August 19, 2010 at 9:30 A.M.

BID SUBMITTED BY:

Company: _____

Address: _____

Phone Number: _____

Fax Number: _____

E-Mail Address: _____

Henry County, Ohio
2010 ReflectORIZED Pavement Markings
LEGAL NOTICE

Notice is hereby given that sealed bids will be received at the Office of the Board of Commissioners of Henry County, Ohio until Thursday, August 19, 2010 at 9:30 A.M., at which time and place said bids will be opened and read for the labor, materials and equipment required to place reflectORIZED pavement markings on approximately 160.5 miles of County roads for Henry County, according to the specifications for the same which are on file with the Clerk for the Commissioners, 1853 Oakwood Avenue, Napoleon, Ohio. A copy of the same may be obtained at said office between the hours of 8:30 A.M. and 4:30 P.M., Monday through Friday.

Bids must be submitted on the forms provided by the Engineer.

Bids may be hand delivered or mailed in a sealed envelope addressed to the Henry County Commissioners, 1853 Oakwood Avenue, Napoleon, OH 43545 and bearing the bidders name and address.

Bidding documents are available online at www.henrycountyengineer.com

The contract will be awarded to the lowest and best bidder.

Each bidder is required to file with his bid a bid guarantee in the form of either:

1) A bond, executed by a surety company authorized to do business in the State of Ohio, for the full amount of the bid; or

2) A certified check, cashier's check or letter of credit pursuant to Chapter 1305 of the Ohio Revised Code, in the amount of ten (10%) percent of the bid price as guarantee that, if the contract be awarded on such bid, the bidder will enter into a contract and the performance of it will be properly secured.

The successful bidder, if using a 10% bid guarantee, shall be required to provide a contract performance and payment bond, executed by a surety company authorized to do business in the State of Ohio, for the full amount of the bid.

Estimated total cost of the improvements is \$55,500.00.

Prevailing Wage Rates per Section 4115 of the Ohio Revised Code shall prevail on this project. The said Board reserves the right to reject any and all bids.

BY ORDER OF
THE BOARD OF COUNTY COMMISSIONERS
HENRY COUNTY, OHIO
By: Vicki R. Glick, Clerk

Please publish the above Legal Notice 2 times:

August 5, 2010
August 12, 2010

Henry County, Ohio
2010 Reflectorized Pavement Markings
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 map (Appendix B) and list (Appendix A). 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.

LIABILITY: Contractors are required to furnish Henry County a certificate of insurance in the minimum of \$1,000,000.00 primary and \$1,000,000.00 umbrella coverage. Henry County, its elected office and employees shall be named as additional insureds with respect to all activities under any agreement resulting from this bidding. The certificate of insurance shall provide that such insurance shall not be cancelled without thirty (30) days prior written notice to Henry County. Contractors will replace certificate for any insurance expiring prior to the effective end date under any agreement resulting from this bidding.

Contractors shall maintain Worker's Compensation coverage as required by Ohio law. A copy of a valid Workers Compensation certificate shall be submitted with the bid.

The Contractor shall indemnify and hold harmless Henry County, its agents and employees from any and all losses, claims, damages, lawsuits, costs, judgments, expenses or any other liabilities which they may incur as a result of bodily injury, sickness, disease or death, or injury to or destruction of tangible property including the loss of use resulting from, caused in whole or part by the negligent act or omission of the Contractor or any person directly or indirectly employed by any of them or any person for whose acts any of them may be liable.

WORKMANSHIP: All work shall be performed in a neat and workmanlike manner on a clean and dry road surface.

COMPLETION DATE: All work shall be completed on or before October 31, 2010.

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 Board of Henry County Commissioners.

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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: Each bidder shall satisfy the County 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. Each bidder shall submit, with his proposal, 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 that are newly resurfaced or seal coated (as noted on the map and list) 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 Contractor and shall be used for the proper "T" marking of all No-Passing zones.

There are approximately thirty-four (34) miles of township roads included in the project as noted on the map. The majority of the Township roads do not have no-passing graphs available. Those that do will be included with the County road graphs.

MATERIALS: All paint materials and glass beads shall conform to the Ohio Department of Transportation Specifications dated January 1, 2002. The Contractor shall provide as a part of the proposal 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.

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The Contractor shall be responsible for center line placement. The Contractor must assure that the center line (through prior spot marking if necessary) is placed within the center of pavement.

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.

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 contract for all work shall be a "Unit Price" contract.

- 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) First application rate to be 25% over specified rate - Payment shall be based on the actual gallons of additional (25% extra) paint applied on the designated roads.
- d) Railroad Symbol Markings – shall be paid based on the actual number of railroad symbols applied. Railroad Symbol Markings shall have a width of 8 feet and shall follow ODOT standard drawing TC-71.10. Drawing TC-71.10 can be found attached as Appendix C.

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 BIDDER NOT HAVE ACCESS TO THE INTERNET, A COMPLETE

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SET OF THE APPLICABLE WAGE RATES ARE AVAILABLE AT THE OFFICE OF THE HENRY COUNTY ENGINEER. A COPY WILL BE PROVIDED IF REQUESTED.

ANY RATE CHANGES RECEIVED FROM THE STATE WAGE AND HOUR DIVISION DURING THE TERM OF THE CONTRACT WILL BE PROVIDED TO THE CONTRACTOR.

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.

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 2010 PAVEMENT MARKINGS

Ref. #	Item #	Quantity	Unit	Item	ITEMIZED PROPOSAL			
					Unit Price		Total Unit Price Bid	Total Item Bid
					Labor	Materials		
1	642	160.5	Miles	Center Line Striping				
2	642	155	Gallons	Application of Paint to New Pavement Surface @ 25% Over Spec. Rate				
3	642	34.5	Miles	Edgelines (only 17.25 actual road miles)				
4	642	4	Each	Railroad Symbol Marking (8' Wide)				
5	614	1	L.S.	Maintaining Traffic	Lump	Sum		
6	624	1	L.S.	Mobilization	Lump	Sum		
7	103.05	1	L.S.	Contract Performance and Payment Bond	Lump	Sum		
Total Bid Amount					XXXXXXXXXX			

Signature: _____

Date: _____

Title: _____

Email: _____

Company: _____

Address: _____

Phone Number: _____

STATE OF OHIO

HENRY COUNTY

The undersigned personally appeared before me, as an individual or as a representative of

_____ for a contract for _____
(Name of Entity) (Type of Product or Service)

to be let by the County of Henry, who, being duly cautioned and sworn, makes the following statement with respect to prohibited activities constituting a conflict of interest or other violations under Ohio Revised Code Section 3517.13, and further states that the undersigned has the authority to make the following representation on behalf of himself or herself or of the business entity:

1. That none of ***the*** following has **individually** made since April 4, 2007 and that, if awarded a contract for the purchase of goods or services in excess of \$10,000, none of the following **individually** will make, beginning on the date the contract is awarded and extending until one year following the conclusion of the contract, as an individual, one or more campaign contributions totaling in excess of \$10,000, to any elected official of the County of Henry or their individual campaign committees:
 - a. Myself;
 - b. Any partner or owner or shareholder of the partnership (if applicable);
 - c. Any owner of more than 20% of the corporation or business trust (if applicable);
 - d. Each spouse of any person identified in (a) through (c) of this section;
 - e. Each child seven years of age to seventeen years of age of any person identified in divisions (a) through (c) of this section (only applicable to contributions made on or after April 4, 2007)

2. That none of the following have **collectively** made since April 4, 2007, and that, if awarded a contract for the purchase of goods or services in excess of \$10,000, none of the following **collectively** will make, beginning on the date the contract is awarded and extending until one year following the conclusion of the contract, one or more campaign contributions totaling in excess of \$10,000, to any elected official of the County of Henry or their individual campaign committees:
 - a. Myself;
 - b. Any partner or owner or shareholder of the partnership (if applicable);
 - c. Any owner of more than 20% of the corporation or business trust (if applicable);
 - d. Each spouse of any person identified in (a) through (c) of this section;
 - e. Each child seven years of age to seventeen years of age of any person identified in divisions (a) through (c) of this section (only applicable to contributions made on or after April 4, 2007)

Signature _____

Title _____

Sworn to before me and subscribed in my presence this _____ day of _____, 20_____.

Notary Public _____

My Commission expires _____

Henry County, Ohio
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NON-COLLUSION AFFIDAVIT

State of Ohio)

County of _____, ss:

I, _____, _____, being duly sworn, do
(Name of Party Signing Affidavit) (Title)

depose and say:

That, _____ its agent, officers or employees
(Insert name of Individual, Co-Partnership or (Corporation)

have not directly or indirectly entered into any agreement, participated in any collusion,
or otherwise taken any action in restraint of free competitive bidding in connection with
this proposal.

Signature

Title

Sworn to and subscribed before me this _____ day of _____, 2010.

Notary Public In and For

_____ County, Ohio

(SEAL)

My Commission Expires:

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VERIFICATION OF "NO FINDING FOR RECOVERY"

No political subdivision shall award a contract for goods, services, or construction to a person against whom a Finding for Recovery has been issued by the Auditor of State, if the Finding for Recovery is unresolved.

The undersigned, by their signature and title, document that no "Finding for Recovery" is outstanding for the bidder.

By:

Title

Prior to award of a contract, Henry County shall verify and report to the Engineer and the Bidder that the Bidder does not appear in the State Auditor's database for "Findings of Recovery".

***** **FOR INSTRUCTIONAL USE ONLY** *****

READ BEFORE COMPLETING YOUR DMA FORM

Forms not conforming to the specifications listed below or not submitted to the appropriate agency or office will not be processed.

- To complete this form, you will need a copy of the Terrorist Exclusion List for reference. The Terrorist Exclusion List can be found on the Ohio Homeland Security Web site at the following address:

<http://www.homelandsecurity.ohio.gov/dma/dma.asp>

- Be sure you have the correct DMA form. If you are applying for a state issued license, permit, certification or registration, the "State Issued License" DMA form must be completed (HLS 0036). If you are applying for employment with a government entity, the "Public Employment" DMA form must be completed (HLS 0037). If you are obtaining a contract to conduct business with or receive funding from a government entity, the "Government Business and Funding Contracts" DMA form must be completed (HLS 0038).
- Your DMA form is to be submitted to the issuing agency or entity. "Issuing agency or entity" means the government agency or office that has requested the form from you or the government agency or office to which you are applying for a license, employment or a business contract. For example, if you are seeking a business contract with the Ohio Department of Commerce's Division of Financial Institutions, then the form needs to be submitted to the Department of Commerce's Division of Financial Institutions. Do NOT send the form to the Ohio Department of Public Safety UNLESS you are seeking a license from or employment or business contract with one of its eight divisions listed below.
- Department of Public Safety Divisions:

Administration	Ohio Homeland Security*
Ohio Bureau of Motor Vehicles	Ohio Investigative Unit
Ohio Emergency Management Agency	Ohio Criminal Justice Services
Ohio Emergency Medical Services	Ohio State Highway Patrol
- * **DO NOT SEND THE FORM TO OHIO HOMELAND SECURITY UNLESS OTHERWISE DIRECTED. FORMS SENT TO THE WRONG AGENCY OR ENTITY WILL NOT BE PROCESSED.**

***** **FOR INSTRUCTIONAL USE ONLY** *****



GOVERNMENT BUSINESS AND FUNDING CONTRACTS
In accordance with section 2909.33 of the Ohio Revised Code

DECLARATION REGARDING MATERIAL ASSISTANCE/NONASSISTANCE TO A TERRORIST ORGANIZATION

This form serves as a declaration by an applicant for a government contract or funding of material assistance/nonassistance to an organization on the U.S. Department of State Terrorist Exclusion List ("TEL"). Please see the Ohio Homeland Security Division Web site for a copy of the TEL.

Any answer of "yes" to any question, or the failure to answer "no" to any question on this declaration shall serve as a disclosure that material assistance to an organization identified on the U.S. Department of State Terrorist Exclusion List has been provided. Failure to disclose the provision of material assistance to such an organization or knowingly making false statements regarding material assistance to such an organization is a felony of the fifth degree.

For the purposes of this declaration, "material support or resources" means currency, payment instruments, other financial securities, funds, transfer of funds, and financial services that are in excess of one hundred dollars, as well as communications, lodging, training, safe houses, false documentation or identification, communications equipment, facilities, weapons, lethal substances, explosives, personnel, transportation, and other physical assets, except medicine or religious materials.

COMPLETE THIS SECTION ONLY IF YOU ARE AN INDEPENDENT CONTRACTOR

LAST NAME		FIRST NAME		MI
HOME ADDRESS				
CITY	STATE	ZIP	COUNTY	
HOME PHONE ()		WORK PHONE ()		

COMPLETE THIS SECTION ONLY IF YOU ARE A COMPANY, BUSINESS OR ORGANIZATION

BUSINESS/ORGANIZATION NAME			PHONE ()	
BUSINESS ADDRESS				
CITY	STATE	ZIP	COUNTY	
BUSINESS/ORGANIZATION REPRESENTATIVE NAME			TITLE	

DECLARATION

In accordance with section 2909.32 (A)(2)(b) of the Ohio Revised Code

For each question, indicate either "yes," or "no" in the space provided. Responses must be truthful to the best of your knowledge.

- Are you a member of an organization on the U.S. Department of State Terrorist Exclusion List? Yes No
- Have you used any position of prominence you have with any country to persuade others to support an organization on the U.S. Department of State Terrorist Exclusion List? Yes No
- Have you knowingly solicited funds or other things of value for an organization on the U.S. Department of State Terrorist Exclusion List? Yes No
- Have you solicited any individual for membership in an organization on the U.S. Department of State Terrorist Exclusion List? Yes No
- Have you committed an act that you know, or reasonably should have known, affords "material support or resources" to an organization on the U.S. Department of State Terrorist Exclusion List? Yes No
- Have you hired or compensated a person you knew to be a member of an organization on the U.S. Department of State Terrorist Exclusion List, or a person you knew to be engaged in planning, assisting, or carrying out an act of terrorism? Yes No

Henry County, Ohio
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If an applicant is prohibited from receiving a government contract or funding due to a positive indication on this form, the applicant may request the Ohio Department of Public Safety to review the prohibition. Please see the Ohio Homeland Security Web site for information on how to file a request for review.

CERTIFICATION

I hereby certify that the answers I have made to all of the questions on this declaration are true to the best of my knowledge. I understand that if this declaration is not completed in its entirety, it will not be processed and I will be automatically disqualified. I understand that I am responsible for the correctness of this declaration. I understand that failure to disclose the provision of material assistance to an organization identified on the U.S. Department of State Terrorist Exclusion List, or knowingly making false statements regarding material assistance to such an organization is a felony of the fifth degree. I understand that any answer of "yes" to any question, or the failure to answer "no" to any question on this declaration shall serve as a disclosure that material assistance to an organization identified on the U.S. Department of State Terrorist Exclusion List has been provided by myself or my organization. If I am signing this on behalf of a company, business or organization, I hereby acknowledge that I have the authority to make this certification on behalf of the company, business or organization referenced on page 1 of this declaration.

APPLICANT SIGNATURE X	DATE
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APPENDIX A

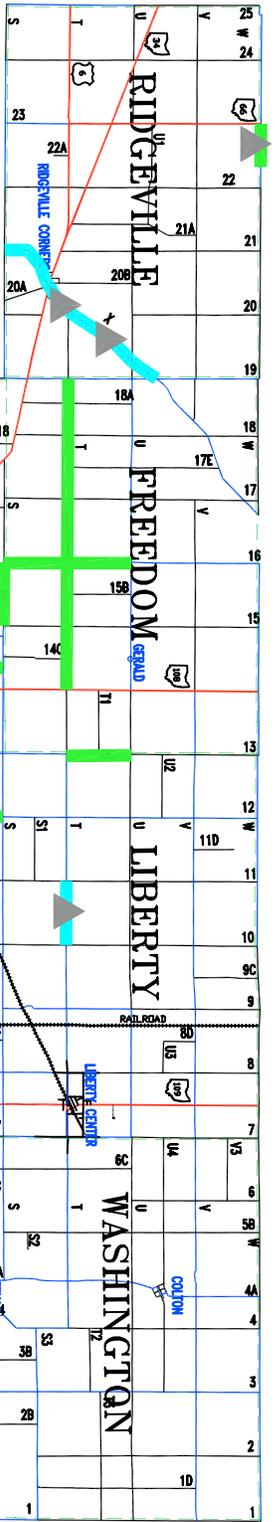
Henry County, Ohio
2010 ReflectORIZED Pavement Markings

Road	Between	and	25%	Lengths	Edgelines	Pass	Double		
1	U.S. 6	P	1.000	1.000	1.000	0.243	0.096		
2	J	K	1.009	1.009	1.009	0.124		Sum 25% Lengths	28.115
7	D	S.R. 18	1.016	1.016		0.059	0.294	Sum All Lengths	160.34
10	See L3 from L to M								
10A	Y	E		2.288	2.288	0.243		Sum Edgelines x 2	34.39
10A	E	S.R. 18	2.167	2.167		0.305	0.359		
10A	S.R. 18	S.R. 281		2.156		0.354	0.088	Passing	33.429
11	M	11C		1.063	1.063	0.225	0.213	Double Yellow	23.394
11C	11	Nap Corp Ln		2.651	2.651	0.704	0.112	%Passing	20.8%
12	S.R. 18	O		8.112		1.506	0.197	%Double Yellow	14.6%
12	O3	P	0.680	0.680		0.124		No Graph	
12	Nap Corp Ln	S	0.759	0.759		0.153	0.062		
13	E	F1		1.498		0.062	0.215		
13	T	U		1.000		0.124		No Graph	
14	S.R. 18	L		5.006		0.615			
14	L	M	1.051	1.051		0.243			
14	M	Z		2.475		0.647			
14B	R	S	0.980	0.980		0.124		No Graph	
15A	U.S. 6	R		0.800		0.124		No Graph	
16	A	16C		3.783		0.609	0.067		
16	M1	U.S. 24						2 RAILROAD SYMBOLS ONLY	
16	U.S. 6	S		1.500		0.248		No Graph	
16	S	U		2.000		0.248		No Graph	
16B	N	M1	0.807	0.807		0.285	0.308		
16C	17	F		4.245		0.295	3.178		
16C	F	Hol Corp Ln		0.531	0.531	0.402	0.129		
17	B	16C		0.860		0.357			
17	Y	Z		7.689		1.241	0.126		
17A	A	B	1.075	1.075		0.119			
17B	B	19		2.579		1.284	0.324		
17C	M	U.S. 24	1.946	1.946		1.037	0.267	Cul-Da-Sac at U.S. 24	
17C	M	U.S. 24						2 RAILROAD SYMBOLS	
18	S.R. 18	Z		4.124		0.636	1.085		
19	S.R. 18	H		0.988		0.314	0.029		
19	O	17D		0.370		0.142		No Graph	
A	13	12		1.008		0.119			
B	19	S.R. 108		5.023		0.992	0.246		
C1	17B	16C		1.840		0.362			
C2	Y	S.R. 108		1.681		0.238			
F	10A	S.R. 109				0.432	0.323		
F	19	16C		4.246		0.779			
F1	Hol Corp Ln	10A		1.236		0.370			
H	18	S.R. 108		4.588		0.596			
H	19	18	0.903	0.903		0.119			
J	11	S.R. 109	2.063	2.063		0.386	0.060		
J	15	11		3.978		0.600			

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Road	Between	and	25%	Lengths	Edgelines	Pass	Double	
L	2	1	1.002	1.002	1.002	0.202	0.516	
L	6	S.R. 65	2.020	2.020		0.248		
L	Z	S.R. 109		5.672		1.737	0.389	
L3	10	L		1.527		0.315	1.086	
M	S.R. 108	S.R. 109		4.227		0.801	0.221	
M3	Z	14		0.345		0.345		
N	8	7	1.000	1.000		0.124		No Graph
N	Har Twp Ln	12	1.000	1.000		0.124		No Graph
N	M1	S.R. 424		3.500				No Graph
N2	11C	11	0.420	0.420		0.124		No Graph
O	11C	U.S. 6		2.352	2.352	0.576	0.204	
O	S.R. 108	11C		1.294		0.425	0.125	
O	19	O6		1.500		0.306	0.240	No Graph
O3	U.S.6	8	1.863	1.863		0.000	1.863	ESTIMATE - No Graph
P	8	7	1.011	1.011		0.341	0.177	
P	Nap Corp Ln	S.R. 109		3.654		0.629	0.020	
Q1	19	U.S. 6		3.000		0.372		No Graph
R	16	14B		1.500		0.248		No Graph
S	16	15		1.000		0.284		No Graph
T	11	10	1.003	1.003	1.003	0.233	0.152	
T	19	S.R. 108		5.000		1.116		No Graph
W	2200' East	S.R. 66	0.417	0.417		0.057		S.R. 66 To 2,200' East of S.R. 66
X	U.S. 6	S		1.005	1.005	0.324	0.676	
X	19	U.S. 6	2.253	2.253	2.253	0.689	0.987	
Y	19	S.R. 109		11.235		4.455	4.352	
Z	M3	Nap Corp Ln		1.967		0.741	1.031	
Z	18	L		3.757		0.264	3.207	
Huddle Rd	S.R. 108	Z	0.670	0.670	0.670	0.160		No Graph - Huddle Rd. is on the South end of Napoleon
Quality Dr	U.S. 6	End		0.370	0.370		0.370	No Graph - Quality Drive is in Ridgeville Corners

APPENDIX B



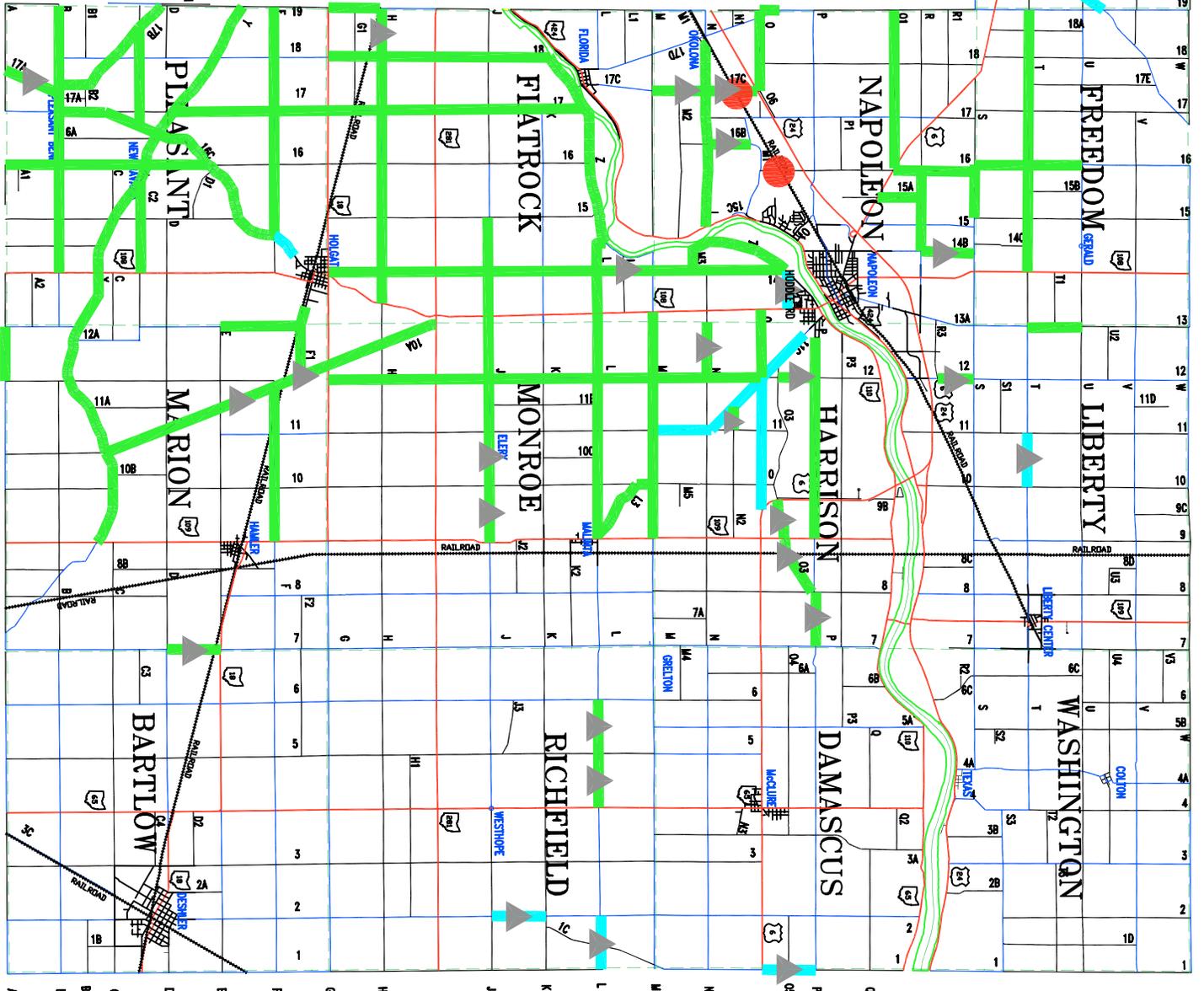
Quality Drive is to be Center and Edge Lined

HENRY COUNTY

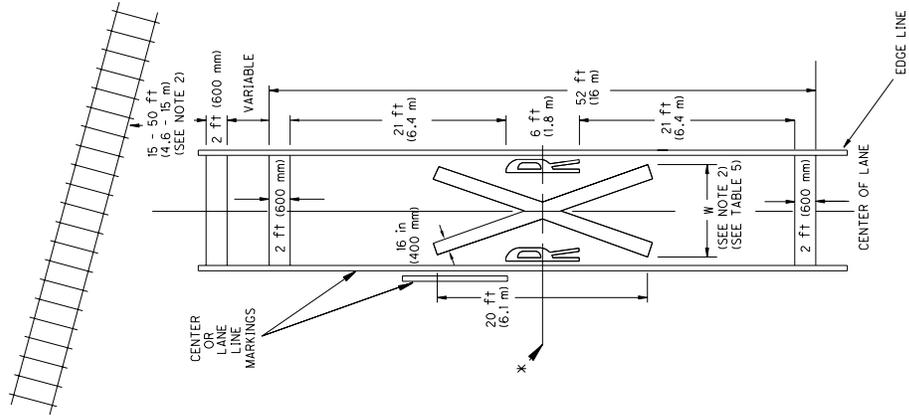
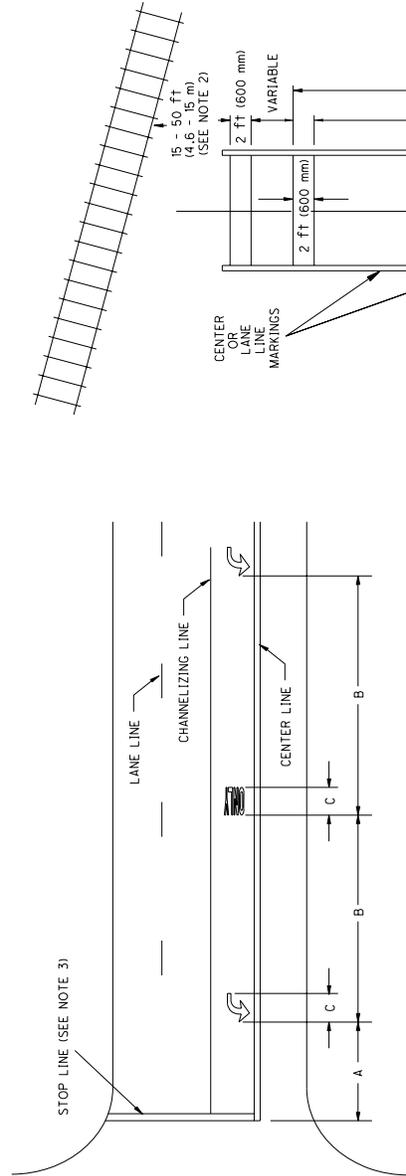
COUNTY 2010 HIGHWAY STRIPING PROGRAM (REV. 7/26/10)

LEGEND

- STATE ROUTE —
- COUNTY ROAD —
- TOWNSHIP ROAD —
- TOWNSHIP LINE - - -
- CENTERLINE STRIPING —
- CENTERLINE & EDGELINE STRIPING —
- +25% EXTRA PAINT ▲
- RXR SYMBOL ●



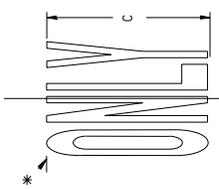
APPENDIX C



RAILROAD SYMBOL MARKING

TABLE 5

R X R SYMBOL		R X R SYMBOL	
W	R	WIDTH (W)	AREA square ft (square m)
8 ft (2.4 m)	9 ft (2.7 m)	8 ft (2.4 m)	72 (6.7)
10 ft (3.0 m)	10 ft (3.0 m)	10 ft (3.0 m)	71 (6.6)
12 ft (3.6 m)	12 ft (3.6 m)	12 ft (3.6 m)	72 (6.7)



ONLY WORD MARKING (SEE NOTE 4)

TABLE 4

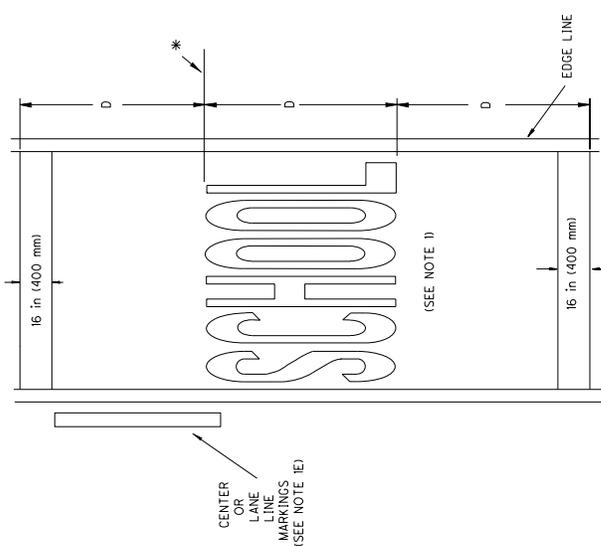
ROADWAY TYPE	DIMENSIONS feet (m)		
	A	B	C
RURAL	30 (9)	88 (27)	8 (2.4)
URBAN	10 (3)	66 (20)	6 (1.8)

(SEE NOTE 5)

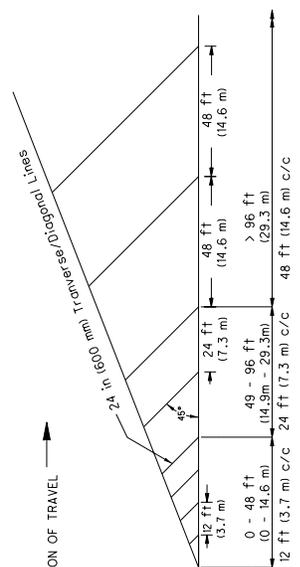
TABLE 3

TYPE	WORDS Square ft (square m)	
	HEIGHT	MULTI-LANE
URBAN	6 ft (1.8 m)	10 ft (3.0 m)
RURAL	8 ft (2.4 m)	10 ft (3.0 m)
ONLY (C)	17 (5.2)	23 (7.0)
SCHOOL (D)	27 (8.2)	37 (11.3)

* - INDICATES STATION REFERENCE POINT



SCHOOL SYMBOL MARKING (SEE NOTE 1)



TYPICAL ISLAND DETAIL TO SPACE TRANSVERSE/DIAGONAL LINES