

Date Bids Due 11/25/2015		Time of Bid Opening 1:00 PM	Bid Opening Location 800 Lincoln Way, Ames, IA	
Proposal Number 15352	Description Iowa Great River Road Sign Fabrication			
Contract to Begin 12/15/2015	Date of Completion 3/15/2017	Proposal Guaranty Amount \$0.00	Liquidated Damages \$100.00	
Purchasing Agent Rhonda Ruark	E-Mail Address rhonda.ruark@dot.iowa.gov	Phone 515-239-1285	Fax 515-239-1538	
Company Name			Federal Tax ID	
Street Address		City	State	Zip Code
Supplier Contact (type or print)	E-Mail Address	Phone	Fax	
Supplier agrees to sell items/services at the same prices under the same terms and conditions to any other state agency, Regent or Political Subdivision upon request. Please check Yes or No.  <input type="checkbox"/> YES <input type="checkbox"/> NO			Are you a Iowa Targeted Small Business?  <input type="checkbox"/> YES <input type="checkbox"/> NO	

## GENERAL INFORMATION

This bid proposal includes the Bid Response cover page, Schedule of Prices, Standard Terms and Conditions, Supplemental terms (if any), specifications, mailing label and all other information needed to prepare a bid response. Information in the "Bid Response" above must be typed or completed in ink, signed, and returned in a flat style envelope along with any other information required in the bid proposal prior to the bid opening date and time. Please use the furnished mailing label, or label the bid response as "Iowa Department of Transportation, proposal number & letting date" on the outside of the return envelope. Bidders may personally deliver, mail, or select a carrier that ensures timely delivery. **Faxed or e-mail bids will not be accepted.**

If required, each bid response must be accompanied by a proposal guaranty in an accepted form, in the sum indicated above. Refer to the Standard Terms and Conditions for the accepted forms in which the proposal guaranty requirement may be fulfilled. **Bids lacking a required proposal guaranty will not be considered for award.** If the intended awarded bidder fails to enter into a formal contract within fifteen (15) days after award is made for any reason on their part, the proposal guaranty may be retained by the State.

## PROPOSAL STATEMENT

The entire contents of this Proposal, Addendums to the Proposal, Specifications, Supplemental Terms and Conditions, Standard Terms and Conditions, and Schedule of Prices shall become part of the contract.

We promise to furnish all materials, equipment and/or services specified, in the manner and the time prescribed, at prices hereinafter set out.

We certify that we have not, either directly or indirectly, entered into any agreement or participated in any collusion or otherwise taken any action in restraint of free competition; that no attempt has been made to induce any other person or firm to submit or not to submit a bid; that this bid has been independently arrived at without collusion with any other bidder, competitor, or potential competitor; and that this bid has not been knowingly disclosed prior to the opening of bids to any other bidder or competitor.

We certify that all materials, equipment and/or services proposed meet or exceed the specifications and will be supplied in accordance with the entire contents of this proposal.

We promise to complete the contract within the contract period, or pay any liquidated damages, if stipulated, for each calendar day as set forth in the bid documents.

Signed: \_\_\_\_\_

Date: \_\_\_\_\_



**Iowa Department of Transportation  
Standard Terms and Conditions For  
Bid Proposals/Contracts  
-FORMAL-**

*Formal* is the procurement process required by Iowa law when the estimated, aggregate amount of the purchase equals or exceeds \$50,000.

The entire contents of this bid proposal shall become a part of a contract or purchase order. In case of a discrepancy between the contents of the bid documents, the following items listed by descending order shall prevail:

- Addendums to the bid proposal
- Bid Proposal-
  - Schedule of Prices
  - Specifications
  - Plans and Drawings
- Supplemental Terms and Conditions
- Standard Terms and Conditions

(Example - if a statement in the specifications contradicts a statement in the Standard Terms and Conditions, the statement in the specifications shall apply)

**Preparation of Bid Response:** All bid responses must address all aspects of the proposal including clearly answering all questions within the proposal. Bid responses must be typed or completed in ink and submitted on the forms supplied by the Iowa DOT.

**Bid responses must be signed and received prior to the bid opening date and time as indicated on the Bid Response cover page or bid opportunity. The signed, submitted quotation or bidder's proposal shall become the official bid response to be considered for award.**

**No email, fax or web link bid responses will be accepted. Bid Responses must be signed, sealed and delivered in person or by a mail courier that ensures timely delivery.**

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**A. Bid Proposal**

1. **Bid Opening:** Bid openings are made public and conducted at the Iowa DOT, Ames complex unless otherwise specified. Proposals received after the time of the bid opening will be returned unopened and considered non-compliant.
2. **Communications:** Questions concerning this proposal should be directed to the purchasing agent listed on the bid proposal. Inquiries can be written, phoned, or faxed. In all cases, written communication will take precedence over verbal communication
3. **Proposal Guarantee:** If required, the bid response page will indicate the amount required to be included in the bid response. A Proposal Guarantee can be supplied in one of the following ways: **(1)** Certified check or credit union certified share draft, cashier's check, or bank draft, drawn on a solvent bank or credit union. Certified checks and certified share drafts shall be drawn and endorsed in the amount indicated. Checks or drafts shall be made payable either to the Iowa Department of Transportation (Iowa DOT) or to the bidder. If payable to the bidder, the check or draft shall be endorsed without qualifications to the Iowa DOT by the bidder or an authorized agent. **(2)** An insurance or surety company may be retained to provide a bond in fulfillment of the proposal guarantee requirement. A properly completed and signed copy of the Proposal Guarantee (*Form 131084*) must accompany the bid. **The Iowa DOT's Proposal Guarantee form must be used; no other forms or formats will be accepted.**
4. **Pricing and Discount:** Unit prices shown on the bid/response shall be quoted as the price per unit (e.g., gal., case, each, etc.) as stated in the bid proposal. If there is a discrepancy between the unit bid prices, extension, or total amount of bid, the unit prices shall prevail. Unless otherwise indicated, prices shall be firm for the duration of the contract or purchase. Discounts for early payment are allowed, but not considered in award of the contract.

5. **Acceptance/Rejection:** The Iowa DOT reserves the right to accept or reject any or all bids and to waive irregularities or technicalities, provided such waiver does not substantially change the offer or provide a competitive advantage to any supplier(s). The Iowa DOT also reserves the right to accept that bid which is deemed to be in the best interests of the state. Any unauthorized changes, additions, or conditional bids including any ties to another bid or proposal or any reservations about accepting an award or entering into a contract, may result in rejection of the bid. Bids must remain available for award for thirty (30) days from date of bid opening.
6. **Bid Results & Disclosure:** Bid tabulations will be posted on the Iowa DOT website at [www.iowadot.gov/purchasing](http://www.iowadot.gov/purchasing) under the *Bid Award* link referencing the proposal number with an award recommendation indicated. At the conclusion of the selection process, the contents of all received bid responses will be placed in the public domain and be open to inspection by interested parties, according to state law. Trade secrets or proprietary information that are recognized as such and are protected by law may be withheld if clearly identified as such in the proposal.
7. **Quality:** All material shall be new and of first quality. Items which are used, demonstrators, refurbished, obsolete, seconds, or which have been discontinued are unacceptable without prior written approval by the Iowa DOT.
8. **Recycled Content:** The Iowa Code encourages purchase of products and materials with recycled content, including but not limited to paper products, oils, plastic products, compost materials, aggregate, solvents, and rubber products. Recycled items or alternatives must be noted in the bid response, if known.
9. **Shipping Terms:** Deliveries shall be F.O.B. Destination unless otherwise specified. All deliveries shall be accompanied by a packing slip indicating the Supplier, quantities shipped, and the purchase order number(s). All delivery charges shall be included in the bid price and paid by the Supplier. No collect C.O.D. deliveries shall be accepted. When entering into a contract, the Supplier shall notify the freight company that all freight and delivery charges are to be prepaid by the Supplier. Goods delivered to the Iowa DOT Distribution Center at 800 Lincoln Way, Ames, IA shall be received between the hours of 7:00 a.m. and 3:00 p.m. on any day except Saturday, Sunday, or a holiday. For deliveries to other Iowa DOT locations, the Supplier may contact the destination location for available times to deliver as not all Iowa DOT locations have the same business hours. The Iowa DOT will not be liable for any freight claims or unpaid freight bills arising from contract or purchase order issues.

## B. Award

The binding agreement (award) may be issued in the form a purchase order or contract or both depending on the requirements and complexity of the agreement.

1. **Method of Award:** Award shall be made to the lowest responsible, responsive bidder whose bid meets the requirements of the solicitation and is the most advantageous to the Iowa DOT unless otherwise specified. An Iowa bidder will be given preference over an out-of-state bidder when bid responses are equal in all aspects and are tied in price. By virtue of statutory authority preference will be given to products and provisions grown and coal produced within the State of Iowa.
2. **Award Protests:** Protests of award recommendations are to be addressed to the Director of Purchasing, and shall be made in accordance with paragraph 761--20.4(6)"e" of the Iowa Administrative Code.
3. **Contracts:** Successful contractor(s) may be sent either a formal Contract, Notification of Award or purchase order as confirmation of acceptance and award. Any of these binding agreements shall be for the term stated in the bid proposal or on a purchase order and may be renewed for additional period(s) under the same terms and conditions upon mutual agreement as defined. The successful bidder may not assign a contract to another party without written authorization from the Iowa DOT Purchasing Section. A service contract, including all optional renewals, shall not exceed a term of six years unless a state agency obtains a waiver of this provision pursuant to rule 11-118-11(3).
4. **Consumer Price Index (CPI-U):** A CPI may be allowed as specified in the terms of the Bid Proposal and at the discretion of the Iowa DOT based on currently posted CPI-U, US City Average, All Items – non seasonally adjusted unless otherwise specified. This applies each of any subsequent renewals, extensions, amendments issued under the contract for the duration of the contract.

5. **Payment Terms:** The Iowa DOT typically pays properly submitted vendor invoices within thirty (30) days of receipt, providing goods and/or services have been successfully delivered, installed or inspected (if required), and accepted. Invoices presented for payment must be only for quantities received by the Iowa DOT and must reference the purchase order number to be submitted for processing.
6. **Default (Supplier):** Failure of the Supplier to adhere to specified delivery schedules or to promptly replace rejected materials shall render the Supplier liable for all costs in excess of the bid price when alternate procurement is necessary. This shall not be the exclusive remedy and the Iowa DOT reserves the right to pursue other remedies available to it by law or under the terms of the binding agreement.
7. **Default (Contractor):** Failure of a Contractor other than a Supplier to meet any specified project completion deadline shall render the Contractor liable for all costs incurred by the Iowa DOT that were: a) necessary to meet said deadline; or b) necessary to complete said project after said deadline. This shall not be the exclusive remedy and the Iowa DOT reserves the right to pursue other remedies available to it by law or under the terms of the agreement.

### C. General

1. **Administrative Rules:** For Additional details on the rules governing the actions of the Iowa DOT Purchasing Section, refer to 761 IAC, Chapter 20, Iowa Administrative Code, entitled "Procurement of Equipment, Materials, Supplies and Services".
2. **Affirmative Action:** The Contractor (and also subcontractor, vendor or supplier) is prohibited from engaging in discriminatory employment practices forbidden by federal and state law, executive orders and rules of the Iowa Department of Management, pertaining to equal employment opportunity and affirmative action. Contractor may be required to have on file a copy of their affirmative action program, containing goal and time specifications. Contractors doing business with Iowa in excess of \$5,000 annually and employing 50 or more full time employees may be required to file with the Iowa Department of Management a copy of their affirmative action plan. Failure to fulfill these non-discrimination requirements may cause the contract to be canceled and the contractor declared ineligible for future state contracts or subject to other sanctions as provided by law or rule.
3. **Applicable Law:** The contract shall be governed under the laws of the State of Iowa. The contractor shall at all times comply with and observe all federal and state laws, local laws, ordinances, and regulations which are in effect during the period of a contract and which in any manner affect the work or its conduct. Any legal action relating to a contract shall only be commenced in the Story County, Iowa, District Court or the United States District Court for the Southern District of Iowa.
4. **Conflict of Interest:** No state or county official or employee, elective or appointive shall be directly or indirectly interested in any contract issued by the Iowa DOT, see Code of Iowa 314.2.
5. **Debarment and Vendor Suspension:** By submitting a proposal, the contractor is certifying that it and its principals and/or subcontractors are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by the State of Iowa or any Federal department or agency.
6. **Equal Opportunity:** Firms submitting bids must be an "Equal Opportunity Employer" as defined in the Civil Rights Act of 1964 and in Iowa Executive Order Number Thirty-four.
7. **Infringement:** Goods shall be delivered free of the rightful claim of any third party by way of infringement. Contractor shall indemnify and save harmless the State of Iowa and the Iowa DOT against all claims for infringement of, and/or royalties claimed under, patents or copyrights on materials and equipment furnished under this bid.
8. **Iowa Open Records Law:** All Bid Responses are subject to terms and provisions of Iowa Code Chapter 22 Examination of Public Records (Open Records), specifically 22.7- Confidential Records.
9. **Records Audit:** The contractor agrees that the Auditor of the State of Iowa or any authorized representative of the state, and where federal funds are involved, the Comptroller General of the U.S. Government, shall have access to and the right to examine, audit, excerpt, and transcribe any directly pertinent books, documents, papers, and records of the contractor relating to orders, invoices, or payments of a contract or purchase order.

10. **Targeted Small Businesses:** The Iowa DOT seeks to provide opportunities for women and/or minority small business enterprises. To apply for certification as an Iowa Targeted Small Business, contact the Iowa Department of Inspection and Appeals (515-281-5796). Contractors shall take documented steps to encourage participation from Targeted Small Businesses for the purpose of subcontracting and supplying of goods or services or both.

11. **Taxes:** Prices quoted shall not include state or federal taxes from which the state is exempt. Exemption certificates will be furnished upon request.

12. **Termination:**

- **Termination Due to Lack of Funds or Change in Law**

The Iowa DOT shall have the right to terminate this Contract without penalty by giving thirty (30) days written notice to the vendor as a result of any of the following:

- Adequate funds are not appropriated or granted to allow the Iowa DOT to operate as required and to fulfill its obligations under contract.
- Funds are de-appropriated or not allocated or if funds needed by the Iowa DOT, at the Iowa DOT's sole discretion, are insufficient for any reason.
- The Iowa DOT's authorization to operate is withdrawn or there is a material alteration in the programs administered by the Iowa DOT.
- The Iowa DOT's duties are substantially modified.

Following a 30 day written notice, the Iowa DOT may terminate a binding agreement in whole or in part without the payment of any penalty or incurring any further obligation to the Supplier. Following termination upon notice, the Supplier shall be entitled to compensation upon submission of invoices and proper proof of claim for goods and services under contract up to and including the date of termination.



## Schedule Of Prices

Number	15352
Date Required	11/25/2015 1:00 PM

Title Iowa Great River Road Sign Fabrication  
**Delivery Location**  
**Shipping Terms** FOB Destination/Freight Prepaid

Vendor  
 PA Name Rhonda J Ruark  
 Phone 515-239-1285  
 E-Mail rhonda.ruark@dot.iowa.gov

Description

**Product Availability Days:** \_\_\_\_\_

Item	Qty	Unit	Description	Part #	Unit Price	Total Price
1	830	EACH	ByWay Sign GRR-S 24"x42"			
Comments:						
2	4	EACH	Auxiliary Sign M4-14			
Comments:						
3	4	EACH	Auxiliary Sign M4-6			
Comments:						
4	140	EACH	Auxiliary Sign M6-1(R) and (L)			
Comments:						
5	85	EACH	Auxiliary Sign M6-4			
Comments:						
6	18	EACH	Auxiliary Sign M6-2(R) and (L)			
Comments:						
7	37	EACH	Auxiliary Sign M6-6(R) M6-6(L)			
Comments:						
8	7	EACH	Auxiliary Sign M5-1			
Comments:						
9	9	EACH	Auxiliary Sign M5-1B			
Comments:						
10	3	EACH	Auxiliary Sign M6-7			
Comments:						
11	3	EACH	Auxiliary Sign M8-			
Comments:						
12	200	EACH	Auxiliary Sign D6-4a			
Comments:						

I HEREBY CERTIFY THAT THIS PROPOSAL MEETS OR EXCEEDS THE MINIMUM REQUIREMENT INCLUDING SPECIFICATIONS AND ADDENDUMS.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Iowa Department of Transportation**  
**SUPPLEMENTAL TERMS & CONDITIONS**  
For  
**Iowa Great River Road By-Way Sign Fabrication**  
**Proposal No.: 15352**  
**Letting Date: November 25, 2015**

**Additional Information**

If any additional information is required to properly evaluate the bid, the bidder shall furnish the requested information within three (3) working days after notification from Purchasing.

**Proposal Guarantee**

Proposal guarantee is not required on this proposal.

**Contract Award**

One contract will be awarded for all items. All items are tied.

Protests of award recommendations shall be in accordance with Paragraph 761-20,4(6)"e", Iowa Administrative Code.

**Contract Period**

Only one (1) award will be made for the contract period.

**Contract Quantities**

The Iowa DOT will make a one-time purchase of the entire quantity listed on this proposal.

**Delivery Location**

Material shall be delivered to the locations indicated in the specifications.

**Delivery Requirements**

Delivery shall be according to the schedule as listed in the specification section.

**Invoicing & Packing List**

Each packing list and invoice must reflect only the merchandise relating to one purchase order. Multiple orders may be shipped together but each order requires individual invoicing and packing list stating purchase order number.

**Purchase Orders**

One purchase order will be issued.

**Warranty**

Items furnished under this proposal shall be subject to the successful bidder's standard warranty or guaranty policy as listed in specifications. All adjustments shall be figured from the bid price.

**Liquidated Damages**

Liquidated damages of \$100.00 per day will be assessed for each calendar day the contract remains uncompleted after the contract completion date.

**IOWA DEPARTMENT OF TRANSPORTATION  
BYWAY SIGNAGE FABRICATION SPECIFICATIONS**

**1 GENERAL**

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**1.1 PRODUCT DESCRIPTION**

- A. Byway Sign fabrication shall utilize digital printing directly on flexible white, ASTM Type XI sign sheeting, adhered to aluminum panel substrate.
- B. Auxiliary Sign fabrication on flexible white, ASTM Type XI sign sheeting, adhered to aluminum panel substrate. Digital printing is not required for auxiliary signs.

**1.2 SIGNAGE PRODUCT EXHIBITS**

- A. **Signage Legend Exhibit 'A'**: Exhibit 'A' is a graphic legend of the Iowa Great River Road National Scenic Byway and Auxiliary signs.
- B. **Iowa Byway Sign Schedule Exhibit 'B'**  
Exhibit 'B' which indicates the quantity of each Byway and Auxiliary sign.
- C. **Digital Files**
  - 1. Digital files will be provided by the owner. Files will be created in Adobe Illustrator and provided in vector EPS format, contain the information necessary for printing sign designs including dimension, shape, and color. Color formulations will be integral to the digital artwork files.
  - 2. Separate files will be provided to the Manufacturer in vector graphics EPS (.eps) format as illustrated in Signage Legend Exhibit 'A'.
    - a) File "**Great River Road Iowa Byways Sign Package**" with the following subfolders:
      - 1) **Aluminum Blank**: *contains .EPS file*
      - 2) **Bolt Hole Locations**: *contains one (1) .EPS file a single configuration of Three (3) holes to be used for all byway signs*
      - 3) **IA Byway Signage Artwork**: *contains .EPS files*
      - 4) **Auxiliary Signage**: *contains .EPS file*
    - b) PDF Files: The PDF files of each file shall be provided in each subfolder for documentation and communication in a form readable without graphic software: These files are not for the manufacturer's use in fabrication.

**1.3 PROOFS AND SUBMITTALS**

- A. Submittals shall be delivered to the office of the Iowa DOT Byways Coordinator located at the Iowa Department of Transportation headquarters in Ames, Iowa.

**IOWA DEPARTMENT OF TRANSPORTATION  
BYWAY SIGNAGE FABRICATION SPECIFICATIONS**

The Coordinator may elect to have submittals received by the Consultant providing construction engineering.

- B. Within 30 calendar days of an executed contract, the Manufacturer shall submit for review of conformance with specification:
  - 1. Detailed written summary and sample illustrating of the printing process for the Byway Sign
  - 2. Detailed written summary and sample of the printing process for the Auxiliary Signs
- C. Provide a shop drawing for approval detailing the fabrication of the die, including the three (3) bolt holes, size and configuration.
- D. Provide up to three (3) proofs on the specified material applied to aluminum for color adjustments prior to producing the final proofs.
- E. Provide two (2) exact replicas as proof submittals of shape, size, material and color of each sign for review and approval prior to fabrication. The manufacturer shall assume three (3) rounds of submittals prior to achieving final approval which means a proof has been submitted and approved with no additional modifications or contingencies.
- F. Upon obtaining final approval, provide two (2) exact replicas as the final record submittal for shape, size, material and color of each sign.
- G. The final submittals shall have the three holes punched with the correct size and in the correct configuration. The bolt holes shall be punched in both the aluminum substrate and the sign sheeting.
- H. Final proof must be output for final DOT sign series approval and will be retained by Iowa DOT to be used as the basis for approval of final products.

**1.4 WARRANTIES**

- A. For the Iowa Great River Road National Scenic Byway Sign project, which includes special or custom colors that are digitally printed directly onto ASTM Type VI sign sheeting and which are not defined by ASTM D4965, the following warranty shall be provided:
  - 1. For a period of 8 years after manufacture, digitally printed graphics and non-standard colors shall not excessively fade, discolor, crack, craze, peel, blister or lose retro-reflectivity such that the signs become visually unsuitable for their intended purpose
- B. For colors defined by ASTM D4965, a warranty for a period of 12 years after manufacture, shall not excessively crack, craze, peel, blister or lose reflectivity such that the signs become visually unsuitable for their intended purpose.
- C. Submit warranty information prior to initial application for payment.

**IOWA DEPARTMENT OF TRANSPORTATION  
BYWAY SIGNAGE FABRICATION SPECIFICATIONS**

**1.5 GENERAL REQUIREMENTS**

- A. All parts used in constructing signs shall be new and shall conform to the requirements of these specifications, the Plans and the ASTM Standards for Sign Supports for highway signs, luminaires and traffic signals, latest edition. If any departures of materials and fabrication from the Plans or Specifications are deemed necessary by the Manufacturer, details of such departures, and the reasons, therefore, shall be submitted to the Department for approval. No such departure shall be made without the prior written approval of the Department.

**1.6 GENERAL REQUIREMENTS**

- A. All Auxiliary signs shall conform to the Manual of Uniform Traffic Control Devices (MUTCD) with the exception of bolt hole sizes, which shall be 7/16" in diameter for all Byway and Auxiliary signs:
1. **Type A** (Direct Printed Reflective Sheeting Copy) is required for the Byway Sign and is permitted for the Auxiliary Sign. The silver-white letters, numerals, and borders shall be of a pre-coated pressure sensitive adhesive reflective sheeting conforming to ASTM Type IV per ASTM D4956.
  2. **Type C** Cut-Out (Direct Applied Reflective Sheeting Copy) is permitted for Auxiliary Signs. Direct applied refers to symbols and or route markers of a pre-coated pressure sensitive adhesive reflective sheeting conforming to ASTM Type IV per ASTM D4956.
  3. **Auxiliary Signs** as coded in Iowa Byway Sign Schedule Exhibit 'B' shall correlate as follows:

a. M4-14	j. M6-6(L)
b. M4-6	k. M5-2
c. M6-1(R)	l. M5-2B
d. M6-1(L)	m. M5-1
e. M6-1(S)	n. M5-1B
f. M6-4	o. M6-7
g. M6-2(R)	p. M6-7B
h. M6-2(L)	q. M8-1
i. M6-6(R)	r. D6-4A

**1.7 PRODUCTION SCHEDULE & DELIVERY**

- A. Following approvals of any new drawings or artwork, standard lead time from the date of P.O. shall **be 4-6 weeks**. Delivery must be no later than March 15, 2016.
- B. Signs shall be delivered to these Iowa Department of Transportation District Maintenance Garages:

**IOWA DEPARTMENT OF TRANSPORTATION  
BYWAY SIGNAGE FABRICATION SPECIFICATIONS**

Elkader Garage in  
D-2:  
Clayton County  
Dan Collins,  
Supervisor  
2248 Iowa 128  
Elkader, IA 52043  
563-880-0098

Davenport Garage in  
D-6:  
Scott County  
Clyde Tobey,  
Supervisor  
8721 N.W. Blvd.  
PO Box 2646  
Davenport, IA 52809  
563-391-3920

West Burlington Garage in  
D-5:  
Des Moines County  
Bob Porter, Supervisor  
617N. Beaverdale Rd.  
West Burlington, IA  
52655  
319-752-6065

- C. The Department will specify counts for each site.
  - a. Provide notice prior to delivery.

## **2 PRODUCTS**

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### **2.1 PREQUALIFICATION**

- A. Materials (sheeting, printing process, process colors, and overlay films) shall be considered for use only when, in the opinion of the Department, sufficient evidence exists to ensure that the materials and services offered can reliably conform to this specification.

### **2.2 ASTM TYPE XI SHEETING**

- A. Classification and Conformance

- 1. The sheeting shall conform to ASTM D 4956 as modified by this specification. For digitally printed transparent colored areas or transparent colored overlay films (Auxiliary Signs only) on white sheeting, the coefficients of retro-reflection shall not be less than 70% of the values for the corresponding color in ASTM D4956.
- 2. The sheeting shall meet the requirements of AASHTO M 268 and the supplementary requirements for fungus resistance of AASHTO M 268.

- B. Overlay Films for Auxiliary Signs

- 1. The sheeting manufacturer shall also manufacture colored acrylic imaging films and clear protective overlays, which are compatible with the sheetings, and when used in accordance with the sheeting manufacturer's instructions, shall not lessen the warranty term.

- C. Requirements

**IOWA DEPARTMENT OF TRANSPORTATION  
BYWAY SIGNAGE FABRICATION SPECIFICATIONS**

1. Color Requirements:

- a) Colors: Color shall be as specified in the digital files to be provided to the Manufacturer and shall conform to the Daytime and Nighttime Color Specification Limits of ASTM D 4956. Daytime luminance factors shall conform to ASTM D 4956 Table 2.

## **2.3 ALUMINUM**

A. Aluminum mounted signs shall conform to the requirements of the following Iowa DOT Specifications 4186.02 A.1a and A.1.b unless otherwise specified:

- 1. "A.1.a. Aluminum for Type A signs complies with ASTM B 209, Alloy 5052-H38.
- 2. A.1.b If the aluminum thickness is not specified in the contract documents, then the thickness is 0.080 inches for signs with the longest side of 36 inches or less, and 0.125 inches for signs with the longest side greater than 36 inches. These thicknesses are subject to similar tolerances as specified in ASTM B 209 for a sheet having a width equal to the greatest dimension of the sign. "

## **3 EXECUTION**

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### **3.1 DIGITAL PRINTING**

- A. All images on Byway Signs shall be digitally printed direct to sign sheeting before the sheeting is attached to the panels, unless otherwise approved by the Department. All digital printing shall be done in a workmanlike manner and as recommended by the manufacturer of the sign sheeting.
- B. Any noticeable deviation from the shades shall be cause for rejection of any sign.
- C. Opaque or transparent inks shall be of the type and quality recommended by the retro-reflective sheeting manufacturer.

### **3.2 FABRICATION**

- A. General:

**IOWA DEPARTMENT OF TRANSPORTATION  
BYWAY SIGNAGE FABRICATION SPECIFICATIONS**

1. Fabrication of all signs shall be in accordance with the transmitted EPS files. Any departure from the files shall be submitted in the form of shop drawings. Work shall be done in a uniform, workmanlike manner.

**B. Bolt Holes in Aluminum Substrate:**

1. Bolt Holes shall be punched to the finished size of 7/16" in diameter.
2. Each Byway Sign utilizes the same bolt hole configuration which contains three (3) holes per sign.

**C. Preparation of signs surfaces shall conform to the requirements of the following Iowa DOT Specifications 4186.02 A.2 unless otherwise specified:**

1. Before application of sheeting, degrease and etch the aluminum surface according to the sheeting manufacturer's recommendations. A non-chromate conversion coating conforming to ASTM B 921 may be applied to the aluminum according to the sheeting manufacturer's recommendations. Remove all white rust present on the aluminum prior to application of the sheeting according to the sheeting manufacturer's recommendations.

**IOWA DEPARTMENT OF TRANSPORTATION  
BYWAY SIGNAGE FABRICATION SPECIFICATIONS**

D. Preparation of Signs Surfaces

1. Preliminary Cleaning: A complete submersion in a six per cent solution of an inhibited alkaline cleaner at 160 to 180° F(71 to 82° C) for 3 minutes followed by a cold water rinse.
2. Etching: Preliminary cleaning shall be followed by a surface etch by immersion for three minutes in a 6 to 8% dilute phosphoric acid solution followed by spraying with a cold water rinse and immersion for 1 minute in circulating hot water at 180° F(82° C)
3. Handling: No metal shall be handled, except by device or clean canvas gloves, between all cleaning and etching operations and the application of paint and/or reflective sheeting. There shall be no opportunity for metal to come in contact with grease, oils, or other contaminating substances after cleaning and etching and prior to the application of paint and/or reflective sheeting.

E. Sheet Application:

1. Application: Reflective sheeting shall be applied to properly treated base panels with mechanical equipment in a manner specified for the manufacture of traffic signs by the sheeting manufacturer.

END OF SECTION

## Individual Byway Logos

### Great River Road Iowa National Scenic Byway

#### FOR PRINT, DIGITAL, & PROMOTIONAL APPLICATIONS:

For printed media, the minimum size of the logo must not be less than 1" high.

The typeface for "NATIONAL SCENIC BYWAY" is Gill Sans set in all caps.

Typeface for 'GREAT RIVER ROAD IOWA, historical, unknown

Colors for the Great River Road Iowa logo are;

Green 1: C:100 M:80 Y:100  
Black  
White

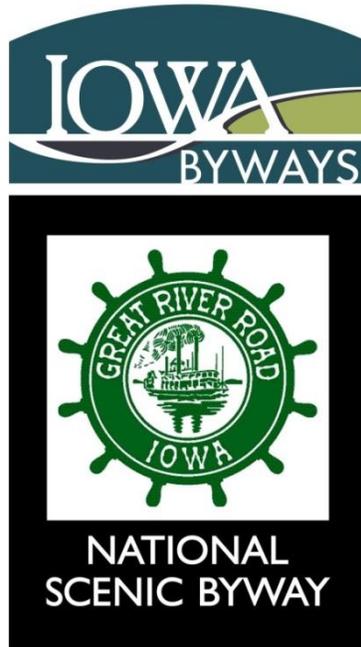
PMS Color for logo green:  
Pantone 3435 C

When applying to web,  
use the following:  
R:0 G:80 B:47

A black and white/grayscale version is available for use in non-color applications.



EXHIBIT A



GRR-S



M4-14



M4-6



M6-1



M6-4



M6-2



M6-6



M5-2



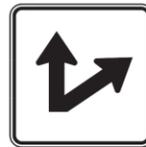
M5-2B



M5-1



M5-1B



M6-7



M6-7B



M8-1

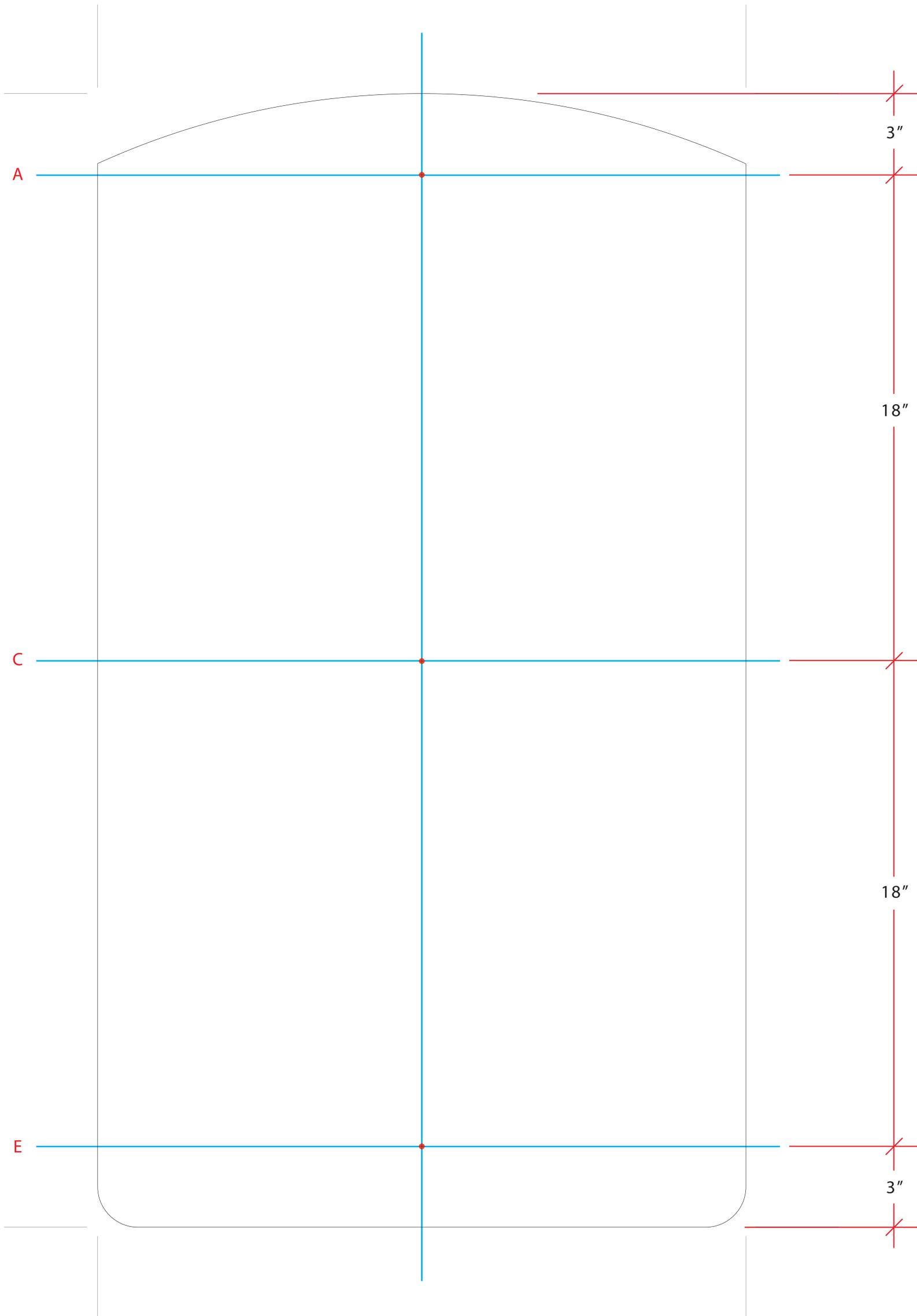


D6-4A

## EXHIBIT B

<b>2015 Great River Road Signs</b>	
<b>GRR-S</b>	<b>830</b>
<b>Auxiliary Signs</b>	
<b>M4-14</b>	<b>4</b>
<b>M4-6</b>	<b>4</b>
<b>M6-1(R) and (L)</b>	<b>140</b>
<b>M6-4</b>	<b>85</b>
<b>M6-2(R) and (L)</b>	<b>18</b>
<b>M6-6(R) M6-6(L)</b>	<b>37</b>
<b>M5-1</b>	<b>7</b>
<b>M5-1B</b>	<b>9</b>
<b>M6-7</b>	<b>3</b>
<b>M8-</b>	<b>3</b>
<b>D6-4a</b>	<b>200</b>
<b>Total</b>	<b>510</b>

BOLT HOLE LOCATIONS FOR GR\_GREAT RIVER ROAD



Bidder \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## SEALED BID

LETTING DATE: November 25, 2015

PROPOSAL NO: 15352

PROPOSAL DESCRIPTION: Iowa Great River Road Sign Fabrication

Iowa Department of Transportation  
PURCHASING - SEALED BID PROPOSAL  
800 Lincoln Way  
Ames, IA 50010