



Bid 25-7593 2025 Sign Materials

Contact Person:

Djuana Leonard, C.P.M., Procurement Specialist Email: dmleonard@mchenrycountyil.gov

Bid Due Date and Time: September 20, 2024, no later than 9:00 AM (CST)

PDFs should be emailed to dmleonard@mchenrycountyil.gov.

Electronic bids ONLY, no onsite bid opening.

MANDATORY COVER PAGE

PLEASE TYPE or PRINT CLEARLY

Company: _____ Date: _____

Contact Person: _____

Address: _____ City: _____ State: _____ Zip Code: _____

Email Address: _____

Telephone Number: _____

The attention of bidders is directed to the McHenry County Purchasing Ordinance, revised November 1, 2023. This Ordinance is incorporated by reference into this bid as if it were contained herein. If you have not received a copy of the above Ordinance and desire a copy, please contact the Purchasing office.

Any communication regarding this bid between the date of issue and date of award is required to go through the Procurement Specialist listed above (or the Purchasing Administrative Specialist). Unauthorized contact with other McHenry County staff or officers is strictly forbidden.



SCHEDULE OF EVENTS

September 3, 2024	Bid Available on County Website
September 10, 2024	Questions due no later than 12:00PM CST. Submit via email
September 12, 2024	Addendum posted on County website no later than 4:00PM CST
September 20, 2024	BIDS DUE NO LATER THAN <u>9:00AM CST</u> Email to dmleonard@mchenrycountyil.gov (20mb limit/email. Submit multiple emails if necessary)
September 20, 2024	Bid opening conducted via Microsoft Teams Webinar at <u>1:00PM CST</u> No onsite bid opening. Details available on bid page

DESCRIPTION OF WORK AND SPECIFICATIONS

Provide sign materials to the McHenry County Division of Transportation for **2025** according to the following special provisions, subject to continuing need and availability of funds.

- A unit price is required for all items in the groups listed below
- No shipping costs will be paid for materials purchased. All shipping costs for material purchased must be included in the unit bid price for those items.
- Unit prices must remain in effect until November 1, 2025
- Bidders may bid on any or all groups. Bidders are not required to bid on all groups. The award(s) will be made to the lowest responsible, responsive bidder by group. There may be multiple awards
- All quantities listed in the Schedule of Prices are estimated quantities only. The County makes no promise of volume throughout the contract term. The County reserves the right to add or deduct from the quantities shown on the Schedule of Prices.

SUMMARY OF GROUPS:

1. U-CHANNEL POSTS & POST POUNDER ADAPTER
2. ALUMINUM BLANKS
3. SIGN MATERIAL ROLL GOODS
4. SIGN FACES
5. ROLL UP WARNING SIGN ASSEMBLIES
6. SIGN MOUNTING HARDWARE
7. TRAFFIC CONTROL DEVICES
8. CORRUGATED SIGN PANELS

Group 1: U-CHANNEL POSTS & POST POUNDER ADAPTER:

McHenry County currently uses:

- 2” Xccessories Squared channel and post clamps

2” Sign Channel:

- Overall dimensions – 2” mounting surface x 7/8” depth x 1/8” nominal wall thickness 6061-T6 aluminum alloy. Material shall be delivered in 10’ (foot) lengths
- 2” channel shall be Xccessories Squared ASB200 or equivalent

1-1/4” Sign Channel:

- Overall dimensions – 1 1/4” mounting, 6061-T6 aluminum alloy. Material shall be delivered in 10’ (foot) lengths
- 2” channel shall be Xccessories Squared ASB125 or equivalent

8’ long baked on enamel green U-channel sign posts, (IDOT Type C) of varying lengths indicated on the proposal, weigh 2 lbs. per foot, holes 3/8” in diameter 1-inch from the top on 1-inch centers for a minimum of 18” per IDOT Highway Standard 720011-01 and the requirements of section 1006.29 of IDOT’s Standard Specifications for Road and Bridge Construction (2016).

The quantities of the above items are listed in the Schedule of Prices. The successful bidder shall make delivery within “30” days upon receipt of order. Deliveries shall be made before 2:00 PM CST on any weekday. All deliveries shall be made within “30” days upon receipt of any order. Deliveries shall be made before 2:00 PM CST on any weekday. All posts are to be delivered to the County Yard.

Group 2: ALUMINUM BLANKS

The sign blanks material shall conform to the section 1090 of IDOT’s Standard Specifications for Road and Bridge Construction (2016). **The sign blanks up to and including 9 square feet in area shall be type 1: 0.080+or- gauge sheet aluminum with a tolerance of +or-0.004. The sign blanks over 9 square feet in area shall be type 2: 0.0125+or- gauge sheet aluminum with a tolerance of +0.007.**

Any exceptions to the gauge thickness of the blanks stated above shall be listed in the schedule of prices for a specific blank.

Domestic metal shall be used. All other blanks shall have 3/8-inch diameter mounting holes shall be drilled as per enclosed diagrams except as noted on the diagram sheets. The supplier shall furnish a one square foot sample of the metal together with a certificate that the sign blanks are made from the same lot or heat number of metal represented by the sample. If more than one lot or heat number is involved, a one square foot sample shall be furnished for each lot or heat number.

Blank specifications can be found in the MCDOT SHS Blank Standards Modified 2025 attached documents

All deliveries shall be made within “30” days upon receipt of any order. Deliveries shall be made before 2:00 PM CST on any weekday.

Group 3: SIGN MATERIAL ROLL GOODS

General - All reflective sign sheeting used for traffic control highway signs shall be **3M TCM sign material** and at a minimum shall meet the requirements of sections 1091 and 1092 of IDOT's Standard Specifications for Road and Bridge Construction (2016).

The type of sheeting and quantities are listed in the schedule of prices. All roll goods supplied shall come with a **clear plastic liner**.

All deliveries shall be made within "30" days upon receipt of any order. Deliveries shall be made before 2:00 PM CST on any weekday.

Group 4: SIGN FACES

No text (company initials, agency name, etc.) will be allowed on the front of the sign faces or in the borders, etc.

All deliveries shall be made within "30" days upon receipt of any order. Deliveries shall be made before 2:00 PM CST on any weekday.

Group 5: ROLL UP WARNING SIGN ASSEMBLY

All roll up warning sign shall conform to the following specifications. The 48" x 48" roll up sign assemblies shall be composed of 3M Scotchlite Diamond Grade Fluorescent Orange reflective roll up sign material, fiberglass crossbracing (minimum 1¼" thickness), **NO WARNING FLAGS SHALL BE MOUNTED TO THE CROSSBRACING**. The roll up sign shall have a pocketing system to accept the crossbracing.

The 36" x 36" roll up sign assemblies shall be composed of 3M Scotchlite Diamond Grade Fluorescent Orange reflective roll up sign material, fiberglass crossbracing (minimum 1¼" thickness).
Roll up Flag Bags shall hold two roll up flags each of the 36" roll up flags.

Roll up flag bases must be Economy MDI Sign Stand, Duralatch Only 5012NSAL or equivalent, **(Aluminum only no exceptions)**.

All deliveries shall be made within "30" days upon receipt of any order. Deliveries shall be made before 2:00 PM CST on any weekday.

Group 6: SIGN MOUNTING HARDWARE

All steel bolts, nuts, and washers shall be Silver Zinc, USS Grade 5. Domestic steel shall be used for sign mounting hardware. The quantities of the above items are listed in the Schedule of Prices.

The Serrated Flange Nut should have a flange diameter of approximately 0.675" and a nut diameter of 0.5.

All deliveries shall be made within "30" days upon receipt of any order. Deliveries shall be made before 2:00 PM CST on any weekday.

Group 7: TRAFFIC CONTROL DEVICES

All Type III barricades shall have 1.75" (O.D.), Telespar steel post uprights with angle iron feet to match post size. Red H.I.P. panels 1"x8"x10' plastic. 50% of quantity shall be left hand barricades, and 50% shall be right hand barricades, hardware to attached panels included.

The Red and Orange 10' Type III Panels shall be 1"x8"x10', (no hardware included)

Tuff Curb Lane Separator IR TUFF CURB WHITE END CAP MASH PASSED or equivalent. Hardware to attach to pavement shall be included.

Tuff Curb LANE SEPARATOR IR TUFF CURB WHITH/QUICK RELEASE/WH-WH 2WAY REFLECTOR MASH PASSED or equivalent. Hardware to attach to pavement shall be included.

Tuff Curb IR MULTI-PURPOSE TBLR MKR 2.375"OD/36" L/WH/2 WH HIP/OPEN W/BK CAP/QR or equivalent.

36" Round White Plastic Hard surface mount Delineator with base (2023) ND360 surface mount tubular marker 2.25"OD/36"L/YE/2 YE Hip bands(10/box) Mash Passed or equivalent.

All deliveries shall be made within "30" days upon receipt of any order. Deliveries shall be made before 2:00 PM CST on any weekday.

Group 8: CORRUGATED SIGN PANELS

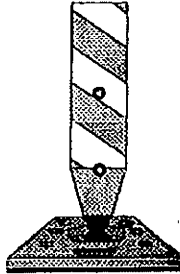
PVC Sheet shall be 1/8" approx. 3mm, closed cell, free foam, Rigid PVC Sheet

Corrugated plast white panels 24"x18" shall have the ribs vertical along the 18" height

**** REFER TO THE FOLLOWING PICTURES AND DIAGRAMS**

**** REFER TO THE MANDATORY BID FORM, EXCEL SPREADSHEET, TO SUBMIT PRICING
DO NOT PDF THE SPREADSHEET**

GROUP 7 REFERENCE



IMPACT RECOVERY SYSTEMS, INC.

STANDARD SET EPOXY ADHESIVE

640-A RESIN COMPONENT

BATCH NO. 100804

641-B HARDENER COMPONENT

BATCH NO. 100736

MIXING RATIO IS ONE TO ONE BY VOLUME

DO NOT MIX MORE ADHESIVE THAN CAN BE APPLIED
IN 5 TO 7 MINUTES

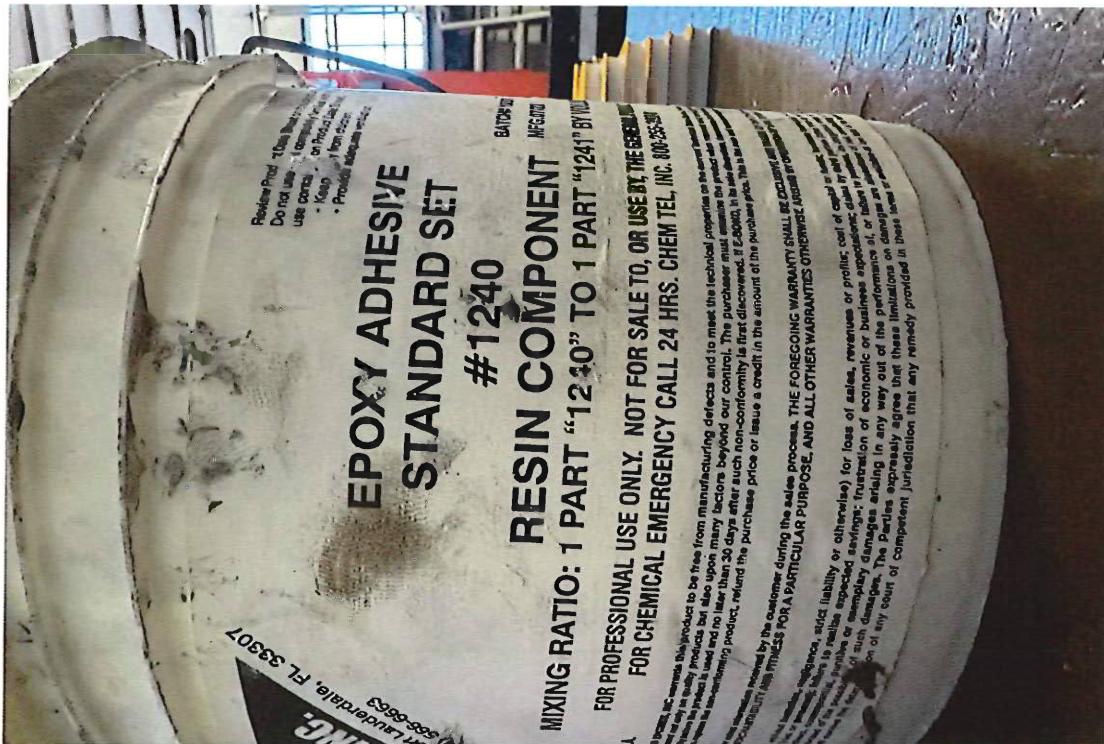
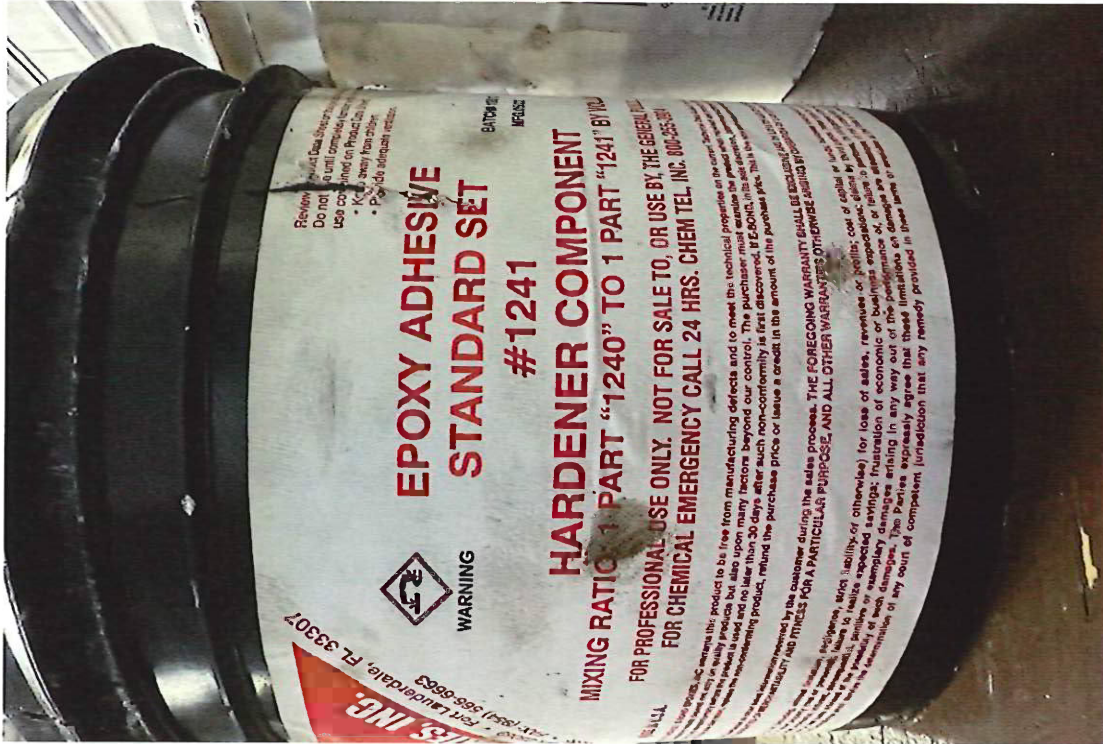
NOTE: Be certain to review your technical data sheet for application instructions before you use this product. Contact us for further application information if required.

FORMULATED AND LABELED FOR INDUSTRIAL USE ONLY

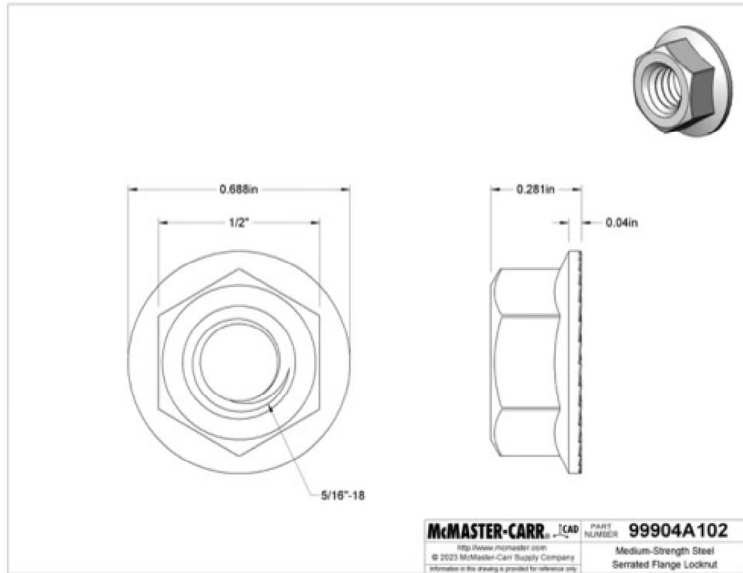
(512) 736-4251
246 W. JOSEPHINE ST.

**IMPACT RECOVERY
SYSTEMS, INC.**

(512) 736-4251
SAN ANTONIO, TEXAS



Medium-Strength Steel Serrated Flange Locknut Grade 5, Zinc-Plated, 5/16"-18 Thread Size



In stock
\$10.34 per pack of 100
99904A102

Packs of 100
- 1 +

ADD

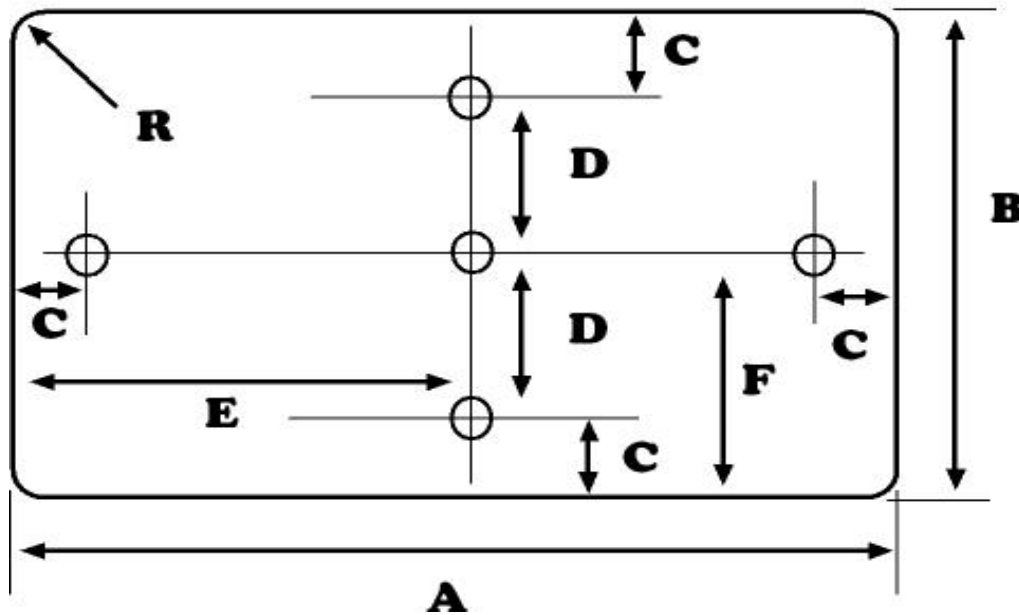
Material	Zinc-Plated Steel
Fastener Strength Grade/Class	Grade 5
Thread Size	5/16"-18
Thread Type	UNC
Thread Spacing	Coarse
Thread Fit	Class 2B
Thread Direction	Right Hand
Width	1/2"
Height	9/32"
Flange Diameter	11/16"

Standard Highway Signs Designs

McHenry County Division of Transportation

Aluminum Blank Standards

Rectangular Sign Blank

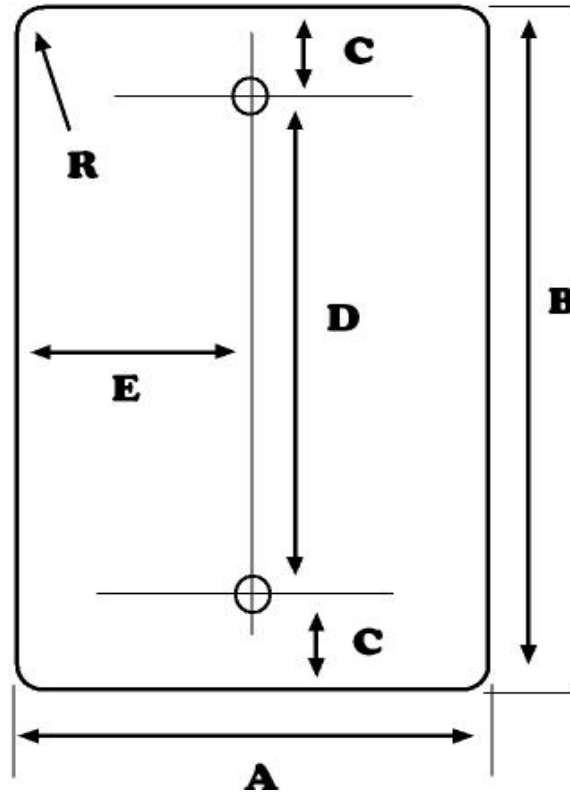


A	B	C	D	E	F	R
42	30	3	12	21	15	1.875
48	30	3	12	24	15	1.875
48	24	3	9	24	12	1.875
48	36	3	15	24	18	1.875
54	30	3	12	27	15	1.875
60	30	3	12	30	15	1.875

Standard Highway Signs Designs

McHenry County Division of Transportation
Aluminum Blank Standards

Rectangular Sign Blank

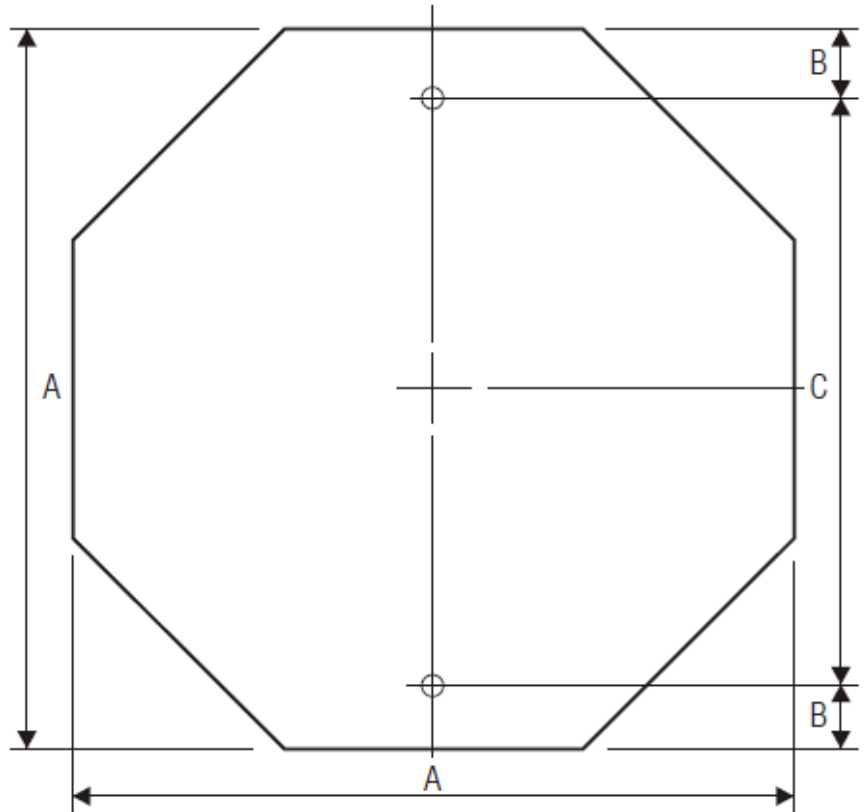


A	B	C	D	E	R
6	12	1	10	3	0.75
12	16	1	14	6	1.5
12	18	1	16	6	1.5
24	30	3	24	12	1.5
30	36	3	30	15	1.875
24	12	1	10	12	1.5
21	15	1	13	10.5	1.5
18	18	1	16	9	1.5
18	6	1	4	9	0.75

Standard Highway Signs Designs

McHenry County Division of Transportation

Aluminum Blank Standards



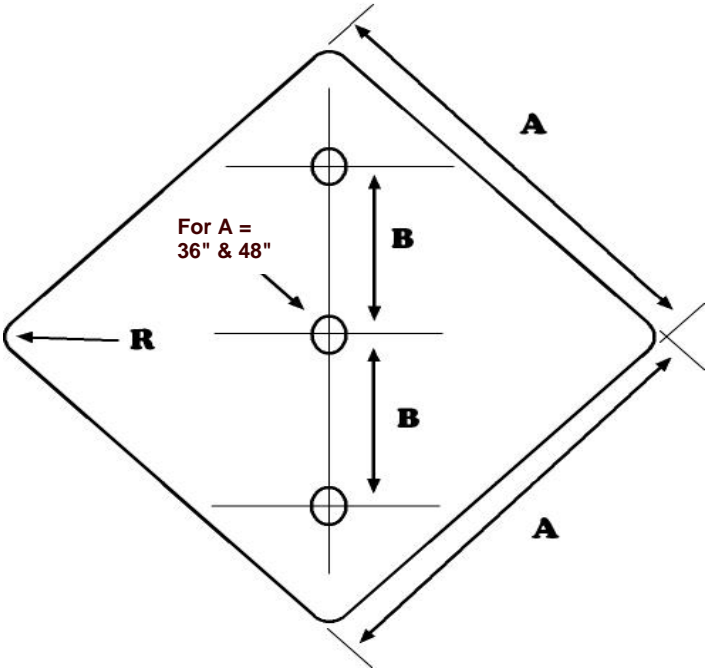
A	B	C
24	3	18
30	3	24
36	3	30

Standard Highway Signs Designs

McHenry County Division of Transportation

Aluminum Blank Standards

Diamond Sign Blank



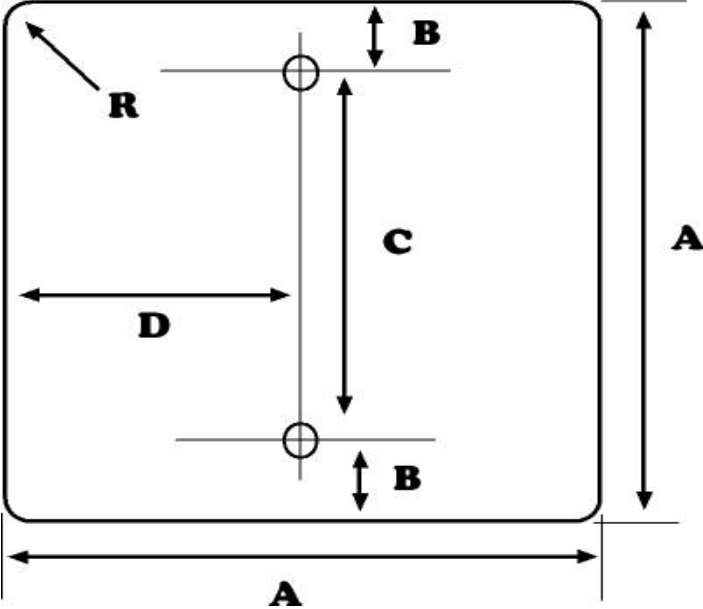
A	B	R	
30	15	1.875	
36	18	2.25	
48	24	3	0.125" Thickness

NOTE: Third hole in center of blank for 36" and 48" size blanks only.

Standard Highway Signs Designs

McHenry County Division of Transportation
Aluminum Blank Standards

Square Sign Blank

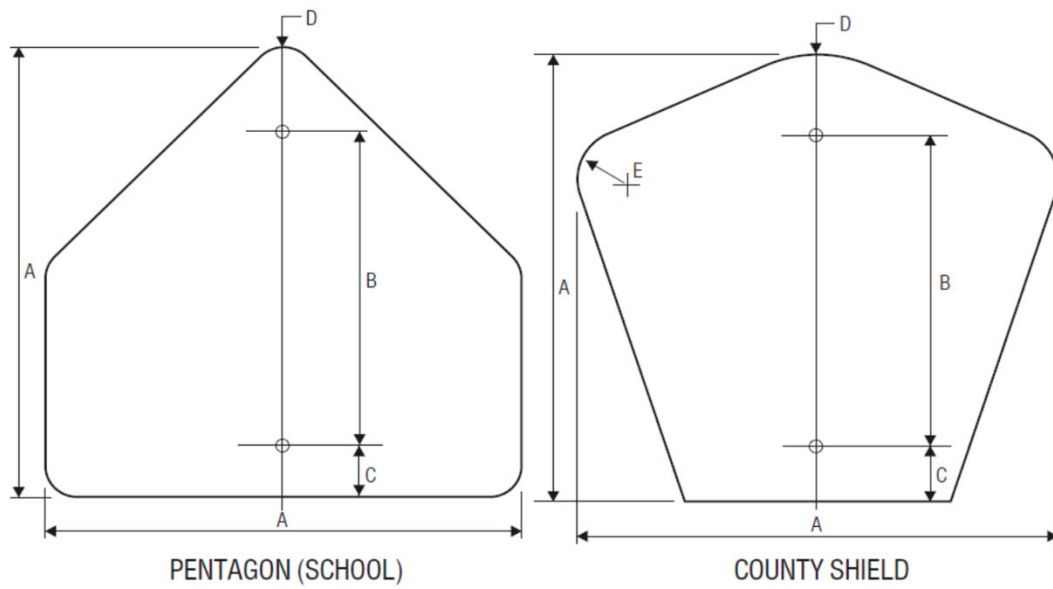


A	B	C	D	R
18	2	14	9	1.5
24	2	20	12	1.5

Standard Highway Signs Designs

McHenry County Division of Transportation

Aluminum Blank Standards



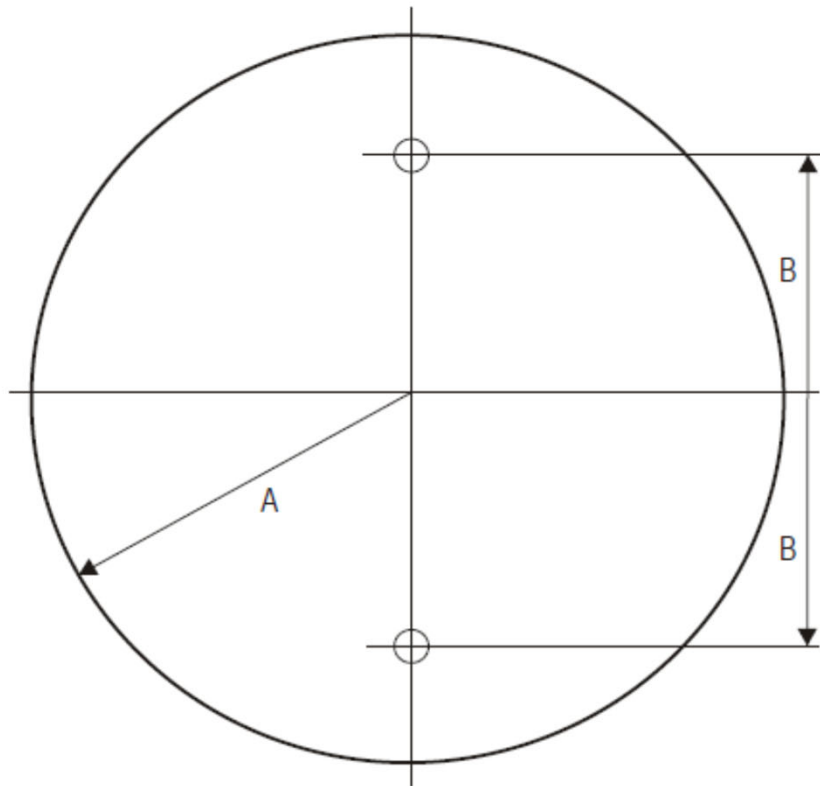
A	B	C	D
30	21	3	1.875
36	24	3	2.25

A	B	C	D	E
18	15	1	5	2
24	18	2	5.313	2.688
30	24	2	6.625	3.375

Standard Highway Signs Designs

McHenry County Division of Transportation

Aluminum Blank Standards

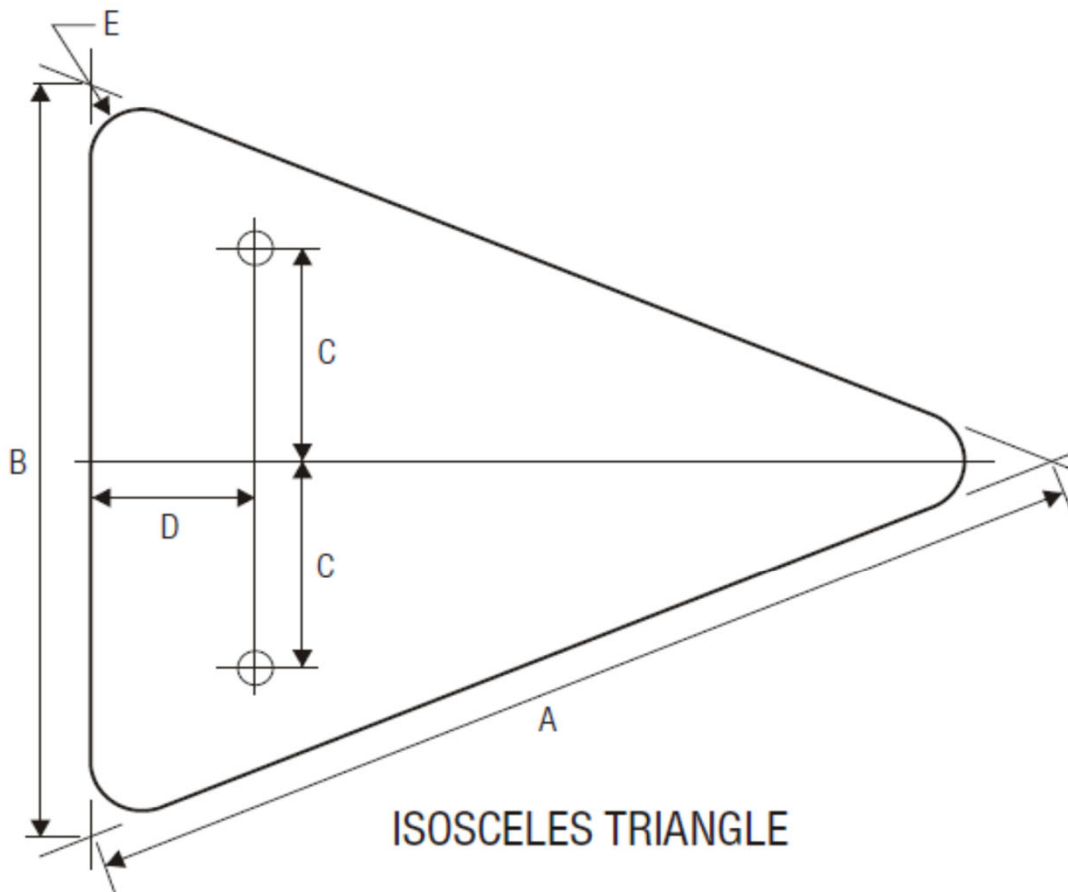


CIRCLE

A	B
15	12
18	15

Standard Highway Signs Designs

McHenry County Division of Transportation Aluminum Blank Standards



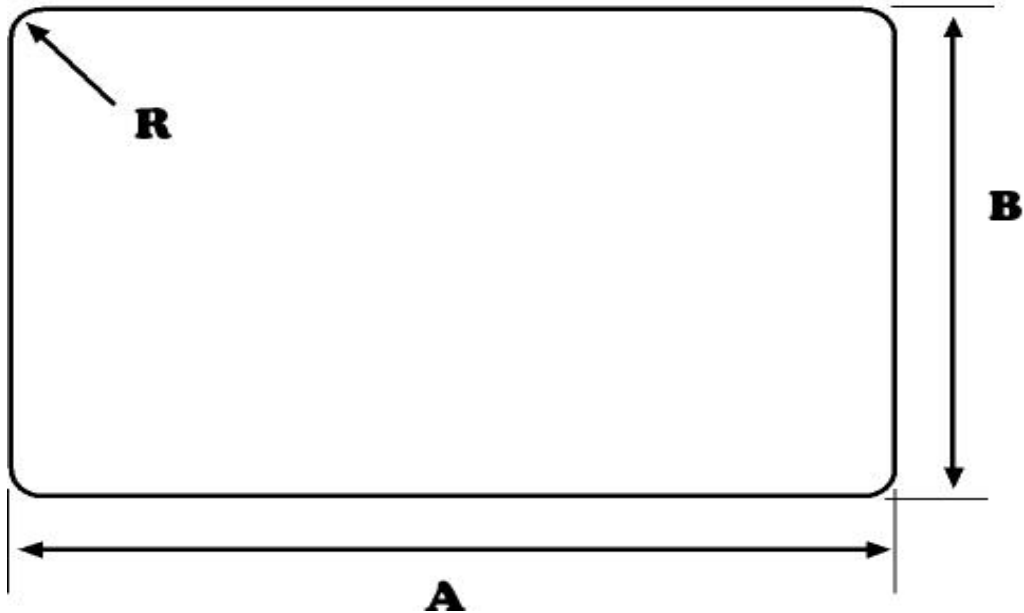
A	B	C	D	E
40	30	7.5	12	1.875
48	36	9	16.5	2.25

Standard Highway Signs Designs

McHenry County Division of Transportation

Aluminum Blank Standards

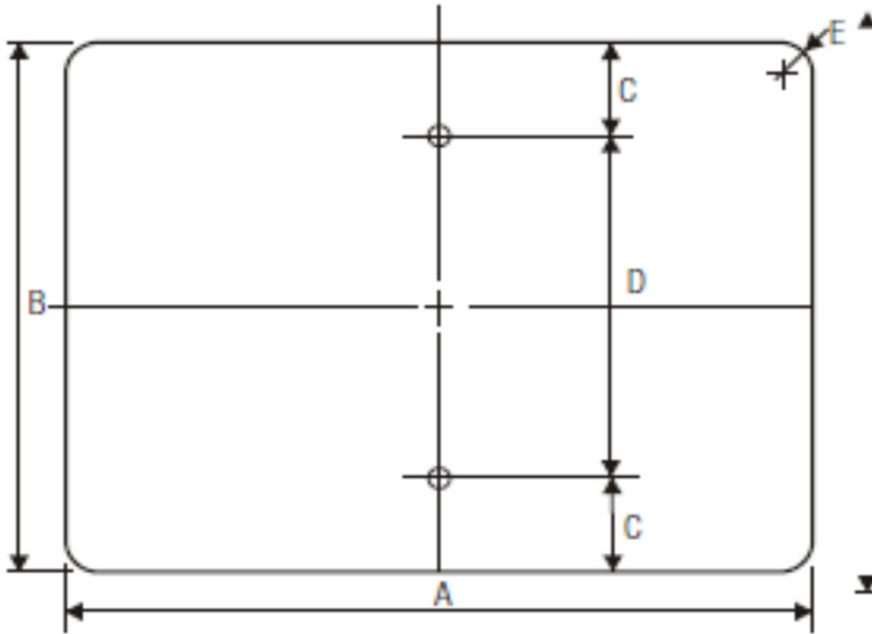
Rectangular Sign Blank



A	B	R
72	4	0.0
48	18	1.5
54	18	1.5
60	18	1.5
66	18	1.5
72	18	1.5
42	30	2.25
48	30	2.25
54	30	2.25
66	30	2.25
72	30	2.25
48	36	3
54	42	3
72	42	3
84	42	3
72	48	3
84	18	1.5

Standard Highway Signs Designs

McHenry County Division of Transportation Aluminum Blank Standards



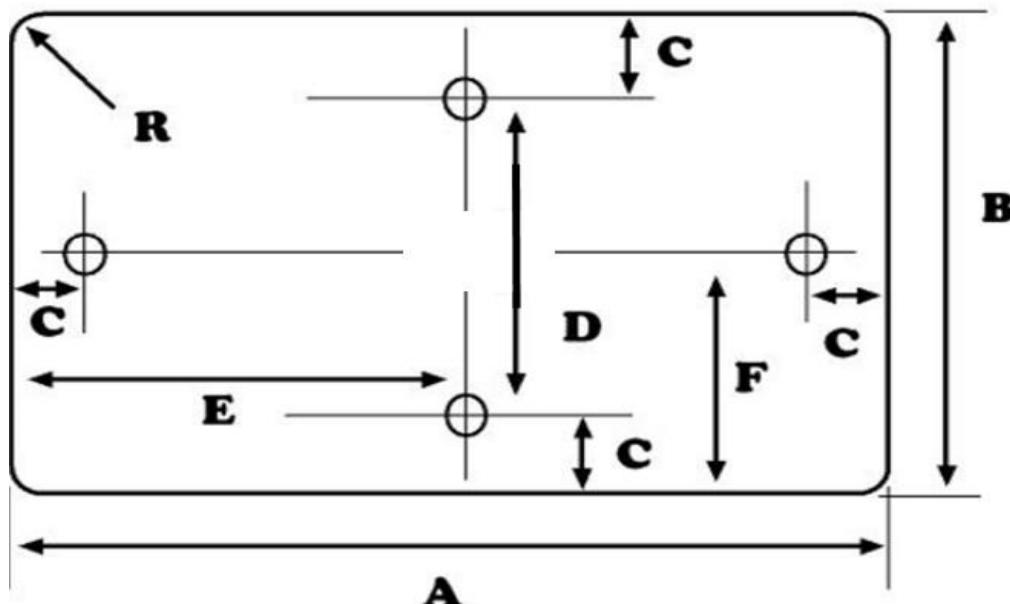
A	B	C	D	E
36	8	1	6	0.75
24	9	1	7	0.75
30	9	1	7	0.75
36	9	1	7	0.75
42	9	1	7	0.75
48	9	1	7	0.75
24	12	1	10	1.5
30	12	1	10	1.5
36	12	1	10	1.5
42	12	1	10	1.5
48	12	1	10	1.5
54	12	1	10	1.5
21	15	1	13	1.5
30	18	1	15	1.5
36	18	1.5	15	1.5
48	18	1.5	15	1.5

Standard Highway Signs Designs

McHenry County Division of Transportation

Aluminum Blank Standards

Rectangular Sign Blank



A	B	C	D	E	R
30	12	1	10	15	1.5
36	12	1	10	18	1.5
42	12	1	10	21	1.5
48	12	1	10	24	1.5
54	12	1	10	27	1.5

ALUMINUM SIGN BRACING FOR **FLAT** PANEL SIGNS

ASB200



Aluminum Sign Bracing: Overall dimensions - 2" mounting surface x 7/8" depth x 1/8" nominal wall thickness 6061-T6 aluminum alloy, punched with 3/16" dia. holes on 6" centers for attachment of sign substrate using SPDRA316 (Rivets) .

See Figure 1

10-12' 370



GROUP 1 REFERENCE



Telespar Square Post Driver Head, 2-1/4" Base

Telespar Sq Post Driver, Head Only, For 2-1/4" Sq Base Large Taper, Use w/Detachable Shank, PROi or Combi



MANDATORY PAGE
REFERENCES

Please list three (3) references, other than McHenry County, you have done similar work, service or supplied similar products to within the last twelve (12) months. **Email address required. It is the vendor’s responsibility to ensure references respond to the County, as required.**

Entity: _____ Contact Person: _____

Address: _____ City, State, Zip Code: _____

Email Address: _____

Entity: _____ Contact Person: _____

Address: _____ City, State, Zip Code: _____

Email Address: _____

Entity: _____ Contact Person: _____

Address: _____ City, State, Zip Code: _____

Email Address: _____



**MANDATORY PAGE
CERTIFICATONS**

- I acknowledge to have read, understand, and agree to the **Solicitation Documents** provided for this Solicitation as posted on McHenry County’s Website. Yes
- I acknowledge to have read, understand, and agree to the policies contained within the **McHenry County Purchase Ordinance** revised November 1, 2023. Yes
- I acknowledge I have read, understand, and agree to the **Standard Terms and Conditions** provided for this Solicitation as posted on McHenry County’s website. Yes
- I acknowledge to have read, understand, and agree to all **Addenda** provided for this Solicitation as posted on McHenry County’s website. Yes
- I acknowledge there to be **SIX (6) Mandatory Pages**, for my submission to be considered: *Cover Page, Bid Pricing (Excel), References Page, Certifications Page, Signature Page* Yes
- Vendor certifies it has not been barred from contracting with a unit of State or Local Government because of a violation of Section 33E-3 or 33E-4 of the Criminal Code of 1961, as amended. Yes
- Vendor certifies it is aware that all contracts for the Construction of Public Works are subject to the **Illinois Prevailing Wage Act** (820 ILCS 130/1-12) and this Solicitation Is Subject to, Is NOT Subject to the Illinois Prevailing Wage Act. Yes
- Vendor acknowledges this Solicitation Is Subject to, Is NOT Subject to the **Employment of Illinois Workers in Public Works Act** (30 ILCS 570/3) and will comply with the requirements set forth in this Act. Yes
- I acknowledge this Solicitation Requires, **Does NOT Require a Bid Bond** Yes
Bid Security shall be in an amount equal to at least ten percent (10%) of the amount of the Bid except for the Division of Transportation, which should be at least five percent (5%). Bid Security shall be a bond provided by a surety company authorized to do business in the State of Illinois, or a certified check, bank draft, or cashier’s check
- I acknowledge this Solicitation Requires, **Does NOT Require Performance & Payment Bonds** upon Award Yes



MANDATORY PAGE
SIGNATURE

I have carefully examined the Bid or Request, Scope of Work, Specifications, and any other documents accompanying or made a part of this Request. I certify I am duly authorized to submit on behalf of the firm, and the firm is ready, willing, and able to perform if awarded the contract. I further certify, under oath, this proposal is made without prior understanding, agreement, connection, discussion, or collusion with any other person, firm or corporation submitting a proposal for the same product or service.

Individual/Company/Corporation: _____

Business Address: _____ City, State and Zip Code: _____

Printed Name and Title: _____

Signature: _____ **Date:** _____

Telephone Number: _____ Email: _____

Witness Name & Title: _____ **Witness Signature:** _____

End of Document