

**CITY OF FERNDALE  
REQUEST FOR COUNCIL ACTION**

**FROM:** Byron A. Photiades, DPW Director  
**SUBJECT:** Purchase of Traffic Signs Reflective Sheeting

**SUMMARY & BACKGROUND:**

Three quotes were solicited to purchase reflective sheeting for 961 traffic signs in the first year of a four-year program to improve nighttime visibility. The Federal Highway Administration in 2008 approved amendments to the revised 2003 Manual on Uniforms Traffic Control Devices mandating minimum sign retro-reflectivity for regulating, warning, and ground-mounted signs by 2015. (Street-name signs and overhead guide signs by 2018.)

Dornbos Sign, 619 West Harris, Charlotte, submitted the lowest quote, at \$16,153. One-third of the expense would be charged to the Major Streets Fund and two-thirds to Local Streets Fund, based on the estimated number of signs in each.

Attachment: Traffic and Sign Shop Leader memo, quotes

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**COUNCIL AGENDA DATE:** November 23, 2009  
**CITY ATTORNEY REVIEW:** N/A  
**FINANCE DIRECTOR REVIEW:** JCHubanks, 11/16/2009  
**CITY MANAGER APPROVAL:** Robert J. Bruner, Jr.

**COMMENTS:**

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**RECOMMENDED ACTION:**

Moved by , seconded by , to approve the low quote of \$16,153 of Dornbos Sign, 619 West Harris, Charlotte, Michigan, to purchase reflective sheeting for 961 traffic signs, and to charge one-third of the expense to Major Streets Fund, Traffic Signs maintenance, account # 202-475-775 and two-thirds to Local Streets Fund, Traffic Signs maintenance, account # 203-475-775.

October 26, 2009

To: Byron Photaides

Re: The Federal Highway Administration's changes in the Minimum Levels of Retro-reflectivity for Traffic Signs

Byron,

Mandatory changes in the retro-reflectivity requirements of materials used to make street signs will make the vast majority of our operational signs within the city non-compliant with federal guidelines if not replaced within the allotted time. To prevent this from happening we are planning, in four years, to replace all signs affected by the change with signs made with 3M-DG3 reflective materials. 3M-DG3 sheeting satisfies all the new requirements and makes the City eligible for a one-time only 3m grant amounting to \$3,472.00\* The remaining amount necessary to complete the first year of the project is \$16,152.50\*. This Government mandated four year project will be completed well within the time frame set by the Government. Each of the three remaining years will require approximately \$20,000/yr. However, at this time I am requesting only \$16,152.50 to complete year 1. If needed additional information can be found at: [www.minimumreflectivity.com](http://www.minimumreflectivity.com).

\* These figures are based on the lowest quote (Dornbos Sign).

Quotes: Dornbos Signs

Sterling Sign Co.

Hall Signs

Waiting for Council Approval

Kit Wrasse



**nished Signs or Sign Faces Grant Request(s)**

Current Sheeting Type Used:	Engineer Grade (Type I)
Sign Category:	Regulatory Sign
Sign Name:	Stop R1-1
Other:	
*Select Sheeting Material Type:	Diamond Grade DG3 (Proposed Type XI)
Enter Sign Size:	30" X 30"
Enter Quantity of Signs:	146
Miscellaneous Instructions:	
Square Footage:	912
Grant Amount:	1566

Current Sheeting Type Used:	High Intensity (Type III, IV, X)
Sign Category:	Turn Prohibition
Sign Name:	No Left Turn R3-2
Other:	NO TRUCKS
*Select Sheeting Material Type:	Diamond Grade DG3 (Proposed Type XI)
Enter Sign Size:	24" X 24"
Enter Quantity of Signs:	65
Miscellaneous Instructions:	
Square Footage:	260
Grant Amount:	446

Current Sheeting Type Used:	High Intensity (Type III, IV, X)
Sign Category:	Street Name Sign
Sign Name:	Single Sided D3-1
Other:	
*Select Sheeting Material Type:	Diamond Grade DG3 (Proposed Type XI)
Enter Sign Size:	9" X 24"

MISCELLANEOUS INSTRUCTIONS:

Square Footage: 240

Grant Amount: 412

Current Sheeting Type Used: Engineer Grade (Type I)

Sign Category: Street Name Sign

Sign Name: Double Sided D3-1

Other:

Select Sheeting Material Type: High Intensity Prismatic (Type III, IV, X)

Enter Sign Size: 30" X 9"

Enter Quantity of Signs: 100

MISCELLANEOUS INSTRUCTIONS:

Square Footage: 376

Grant Amount: 118

Current Sheeting Type Used: Engineer Grade (Type I)

Sign Category: Street Name Sign

Sign Name: Double Sided D3-1

Other:

Select Sheeting Material Type: High Intensity Prismatic (Type III, IV, X)

Enter Sign Size: 36" X 9"

Enter Quantity of Signs: 50

MISCELLANEOUS INSTRUCTIONS:

Square Footage: 225

Grant Amount: 72

Current Sheeting Type Used: Engineer Grade (Type I)

Sign Category: Other

Sign Name:

Other:

Select Sheeting Material Type: Diamond Grade DG3 (Proposed Type XI)

Enter Sign Size: 12" X 12"

Enter Quantity of Signs: 500

MISCELLANEOUS INSTRUCTIONS: NO PARKING SYMBOLS

Square Footage: 500

Grant Amount: 858

Sign Faces and Street Signs to Purchase

146 - 30" D/G STOP FACES @ 41.50/FACE = 6,059.00      912.50 SQUARE FEET

65- 24" NO TRUCK SYMBOL D/G FACE @ 29.20 = 1,898.00      260.00 SQUARE FEET

100 - 24" x 9" = 23.90 = 2,390.00

100 - 30" x 9" = 29.95 = 2,995.00

50 - 36" x 9" = 35.85 = 1,792.50

500 -12" X 12" R8-3A @ 8.98 = 4,490

1.5 square feet x 100 = 150 square foot x 2 = 300.00

1.88 square feet x 100 = 188 square foot x 2 = 376.00

2.25 square feet x 100 = 112.50 square foot x 2 = 225.00

**19,624.50**

**3,472.00**

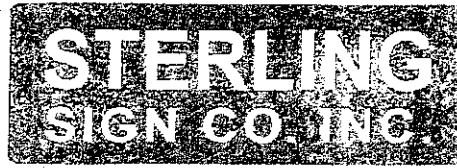
**16,152.50**

Previously Purchase D/G = 89.75

**89.75** FOR THIS AMOUNT I ADDED 60 - 24" X 9" STREET SIGNS

**2,573.50 TOTAL SQUARE FOOTAGE APPLIED TOWARD GRANT**

Jeff Dornbos  
Dornbos Sign & Safety Inc.  
[www.dornbossign.com](http://www.dornbossign.com)  
517-543-4000  
**BUY MICHIGAN!**



Attn: Kit Wrasse  
 City of Ferndale – Sign Shop

Per your request, please find the following quote for new sign materials.

30" Stop Signs	146 EA	@ \$43.78/each
24" No Truck Symbols	65 EA	@ \$33.65/each
12" R8-3A No Parking Symbols	500 EA	@ \$9.57/each
24" x 9" Flat-Double Sided-Blanks	100 EA	@ \$26.05/each
30" x 9" Flat-Double Sided-Blanks	100 EA	@ \$31.74/each
36" x 9" Flat-Double Sided-Blanks	50 EA	@ \$38.00/each

If you have any questions please feel free to call me at 517-204-7873.

Sincerely,

A handwritten signature in black ink, appearing to read "Ken Bachman".

Ken Bachman, President  
 Sterling Sign Co. Inc.

TOTAL \$ 21043.13

21043.13

**Quote**



**CSR: Lisa Wells-Dixon ext # 106**

**Customer#** 1210  
**Customer:** CITY of FERNDALE  
**(Bill to)** 300 E NINE MILE RD  
 FERNDALE, MI 48220  
**(Ship-to)** 521 E CAMBOURNE  
 FERNDALE, MI 48220

**Contact:** KITT  
**Phone:** 248-546-2519  
**Fax:** 248-546-2521  
**Sales Email:** kwrasse@ferndale-mi.com  
**Acctg Email:** \*Please supply if available

**Date:** 11.2.09 **lisa@hallsigns.com**  
**LEADTIME: 3-4 WEEKS ARO**  
**FOB: DESTINATION**  
**Credit Card:** Exp: CVV#  
**Terms:** N30 **Source Code:**  
**Class:** GV **Co:** **Branch:** 02

		Size		Sign Details				Aluminum				Description/Code		Unit Price	Total Price
FOB	QTY	W	H	Copy	Back	Border	Sheeting	Gauge	Alloy	Radius	Holes	(*Custom* indicates a non-MUTCD sign)			
	146	30"	OC	WHT	RED	y (Edge)	ps/DG3	X	X	X	X	R1-1; STOP (face)		47.93	\$ 6,997.78
	65	24"	SQ	Red/Blk	Wht	y (Inset)	ps/DG3	X	X	X	X	R5-2; NO TRUCKS (sym/ FACE)		35.56	\$ 2,311.40
	500	12"	SQ	Red/Blk	Wht	y (Inset)	DG3	.080	3105	SR	SH	R8-3A; NO PARKING (sym)		10.69	\$ 5,345.00
	100	24"	9"	x	wht	No	DG3	.080	3105	SR	NH	SNB: Dbl-Sided Sheeted White blanks		30.78	\$ 3,078.00
	100	30"	9"	x	wht	No	DG3	.080	3105	SR	NH	SNB: Dbl-Sided Sheeted White blanks		38.47	\$ 3,847.00
	50	36"	9"	x	wht	No	DG3	.080	3105	SR	NH	SNB: Dbl-Sided Sheeted White blanks		46.17	\$ 2,308.50
PLEASE FAX QUOTE TABULATIONS TO MY ATTENTION @ 812-332-9816															\$ -
<b>Thank you for considering Hall Signs for your signage needs!</b>														<b>\$</b>	<b>23,887.68</b>

BJ: Best Judgement  
 NH: No Holes  
 NR: No Radius  
 SR: Standard Radius  
 SH: Standard Holes

I WOULD LIKE TO PROCESS THIS QUOTE AS STATED ABOVE. I CONFIRM THAT ALL QUANTITIES, SIZES, COLORS, MATERIALS, HOLES, RADIUS AND SPELLING ARE CORRECT:

All quotes good for 30 days. Prices subject to change without notice.

Signature (Order Authorization) \_\_\_\_\_ Date \_\_\_\_\_

**HALL SIGNS WILL NOT PROCESS UNTIL FOLLOWING HAS BEEN MET:**

\*Written order confirmation has been received