

**VILLAGE OF WINDSOR  
VILLAGE BOARD RESOLUTION 2019-67**

**RESOLUTION AUTHORIZING THE PURCHASE OF  
TWO PORTABLE LED MESSAGE BOARDS**

**WHEREAS**, the Windsor Village Board has a high regard for the safety of those that travel on Village roads; and

**WHEREAS**, the Public Works Department and the Village of Windsor Deputies have indicated a need to communicate with those traveling on Village roads to and from Village events, during road construction projects, and during Emergency Management Operations; and

**WHEREAS**, the safety of those traveling on these roads will be enhanced by the information and advanced notice they will receive from a message board; and

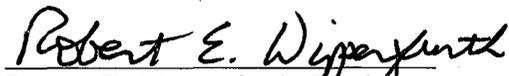
**WHEREAS**, the Public Works Director has obtained quotes for the purchase of LED Message Boards as shown in Exhibits B, C, D and E,

**NOW THEREFORE, BE IT RESOLVED**, by the Village Board of the Village of Windsor that it hereby resolves as follows:

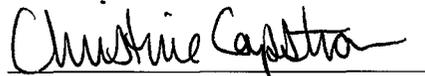
The Village Board concurs with the Public Works Director's recommendation to purchase two VER-Mac PCMS-4880 portable LED message board from Decker Supply for \$13,750.00 each.

The above and foregoing Resolution was duly adopted at a regular meeting of the Village Board of the Village of Windsor on June 20, 2019, by a vote of 5 in favor and 0 opposed.

**VILLAGE OF WINDSOR**

  
Robert E. Wipperfurth, ~~President~~

*Attested by:*

  
Christine Capstran, Clerk

**Incorporated by Reference:**

- Exhibit A: Memorandum from Public Works Director dated June 13, 2019
- Exhibit B: Ver-Mac PCMS-4880 brochure
- Exhibit C: Decker Supply quote for Ver-Mac PCMS-4880
- Exhibit D: Wanco message board brochure
- Exhibit E: Decker Supply quote for Wanco message board



# Windsor

Growing Forward

## Memorandum

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To: Windsor Village Board

CC: Tina Butteris, Village Administrator  
Christine Capstran, Clerk

From: Davis Clark, Village Public Works Director

Date: June 13, 2019

Re: Portable LED Message Board

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As the Village of Windsor continues to grow we will also be having more special events such as Cops-and-Bobbers, Windsor Fest, Soccer Tournaments, Lacrosse Tournaments, and many other events. It has become clear that better communication with the event participants is needed. A solar powered, portable LED message board is one way that this can be achieved. Messages that can tell drivers such things as "PARKING LOT FULL", "EVENT NEXT WEEK", or "EVENT CANCELLED" would be examples of things we could communicate with a message board. The message board could also be used for road construction projects or emergency management operations as well. "ROAD CLOSED 7-4-2019", "ROAD FLOODED AHEAD", "NEW STOP SIGN AHEAD", "TREE TRIMMING AHEAD" are all examples of what useful information drivers would like to have as they travel our roads.

Two types of portable message boards were considered. A large, 3 line, message board and a smaller 5 line message board. Although the larger board would be more easily seen it is limited by only 8 characters per line and its sheer size would make it difficult to place on the side of the road (L 15.5' x W 11.5'). The smaller unit has 5 line with 18 characters per line and is less than half the size of the larger unit (L 6.3' x W 5.1'). It is believed that because this unit will not be placed in areas where the speed limit will exceed 45mph, the smaller unit's visibility will not be an issue.

To rent a message board ranges between \$1,000 and 2,500 per week when they are available.

The Public Works Director and Public Works Committee are asking the Village Board to approve the purchase of the Ver-Mac PCMS-4880, 5 line, portable LED Message Board from Decker Supply for \$13,750.00.

*Exhibit A*

➔ **PCMS-4880**  
TRAILER-MOUNTED MESSAGE  
SIGN

Ver-Mac's PCMS-4880 is a mini full-matrix trailer-mounted portable changeable message sign. It features the NTCIP-compliant V-Touch controller, Tilt-and-Rotate solar panels, and JamLogic fleet management software (modem required). The PCMS-4880 is the most compact unit in our line and provides a lot of flexibility with up to 5 lines of text and 18 characters per line. It's the perfect model to use in urban areas, school zones, lower speed roadways, or for law enforcement, and special events.

**HIGH-DEFINITION DISPLAY  
CARDS**

The PCMS-4880 features Ver-Mac's exclusive high-definition display cards that provide a sharper more detailed text and graphic display. The higher degree of clarity allows the PCMS-4880 to be more visible from a distance than other message signs.



**V-TOUCH CONTROLLER**

**NTCIP COMPLIANT**

**EASY-TO-READ**

7-inch (178 mm) color LCD pressure-sensitive display screen

**USER-FRIENDLY**

One-click icon-based menu items

**TIME-SAVING**

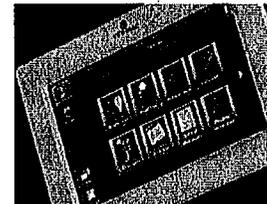
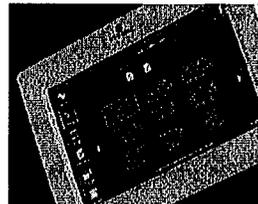
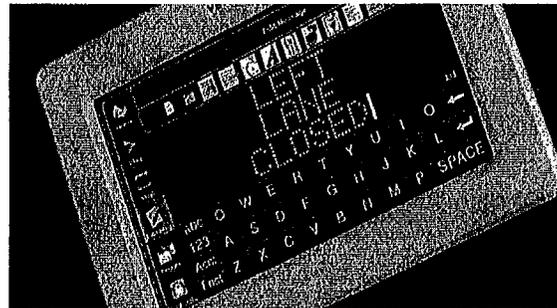
Create your own library of messages

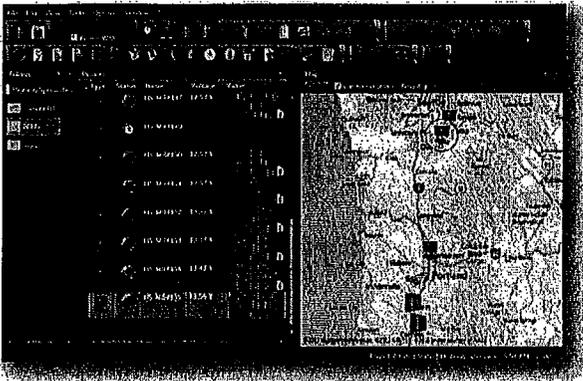
**SIMPLE TO OPERATE**

The intuitive point-n-go icons ensure quick and easy commands to display or edit messages

**ADDITIONAL FUNCTIONALITIES**

Scheduling, sign diagnostics, pin-protected security, and much more





**JAMLOGIC® FLEET MANAGEMENT SOFTWARE**

Equip the PCMS-4880 with Ver-Mac's high-speed modem with GPS and maximize your productivity, efficiency and profitability all remotely from your office or home! The JamLogic software is FREE and you get all the updates at no charge!

- Monitor, maintain and manage your signs from any PC, laptop, tablet or smartphone
- View your equipment in a list and GPS map view
- Change a message on one or more signs simultaneously with a simple click
- View your messages and battery voltages
- Group your signs in folders (by customer, location, project... you choose!)
- Receive e-mail or text alerts – optional (low battery cellular failure, etc.)

**POWER SUPPLY CONFIGURATION**

**TILT-AND-ROTATE SOLAR PANELS**

Panels tilt up to a 60-degree angle to provide maximum solar recharging during all four seasons.

- Designed to run 12 months in most regions without manual charging
- Various configurations of solar panels and batteries are available to meet your needs.

**HIGH-QUALITY CONSTRUCTION**

**POWDER COATING SUPERIOR FINISH**

Impact, humidity, salt spray and rust resistant

**4 LEVELING JACKS**

For stabilization and easy transportation

**REMOVABLE TONGUE**

For easy storage

**MANUAL LIFT MECHANISM**

For a quick deployment

**HEAVY-DUTY PLASTIC FENDERS**

For durability and easy replacement

**PLASTIC BATTERY BOX**

To minimize battery corrosion

**LOCKABLE CONTROL BOX**

For security

**2-IN. (51 MM) COUPLER OR 3-IN. (76 MM) PINTLE EYE**

For easy towing

**APPLICATIONS**

- City and county (urban areas)
- School zones
- Law enforcement
- Special events

**DISPLAY**

- Display panel: 36 in x 56 in (926 mm x 1422 mm)
- Panel construction: Aluminum
- Full matrix (48 x 80 pixels)
- Up to 5 lines and 18 characters per line\*
- 1 LED per pixel
- Display sign rotates 360 degrees
- Plug & play display modules

\*With a 3 x 7 pixel font

**DIMENSIONS AND WEIGHTS**

- Operating length: 76 in. (1927 mm)
- Operating width: 62 in. (1587 mm)
- Operating height: 167 in. (4247 mm)
- Traveling height: 94 in. (2399 mm)
- Travelling length: 105 in. (2670 mm)
- Weight (approx): 1,385 lb (628 kg)
- Axle/suspension: 2,000 lb (909 kg)

**OPTIONS**

- Battery charger
- Modem with GPS
- Data plan (requires modem)
- Radar
- Data logger (requires radar)

Other options are available to meet your needs.

**WARRANTY**

- 1-year warranty on complete trailers
- 2-year warranty on electronic components manufactured by Ver-Mac



Decker Supply Co Inc.  
 1115 O'Neill Ave  
 PO Box 8008  
 Madison WI 53708

# QUOTATION

Quote Number: 473953  
 Quote Date: 06/11/19  
 Page: 1  
 Customer Phone: 235-1196  
 Customer Fax: 608-846-2328

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 VILLAGE OF WINDSOR  
 4084 MUELLER RD  
 DEFOREST, WI 53532

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 VILLAGE OF WINDSOR  
 4084 MUELLER RD  
 DEFOREST, WI 53532  
 608-235-1196  
 ATTN: DAVIS CLARK

Entered By: JOSH	REQ Number:
Location:	Ship Via: SHIP DIRECT
Account Cd: WINDSTWIDN	Taxable: Y
Salesperson: 7250	Pmt Terms: NET 30

Line	Order Qty	Part Number	Description	Price	UM	Ext Price	Est Ship
1	1.00	PCMS-4880	VER-MAC CITY FULL-MATRIX TRAILER-MOUNTED MESSAGE SIGN - INCLUDES: 36" X 66" DISPLAY PANEL, MANUAL WINCH LIFT, (2) 85 WATT SOLAR PANELS AND BATTERIES, JAMLOGIC SOFTWARE, V-TOUCH CONTROLLER, 4G MODEM AND 10 YEAR CELL PLAN * SPECIFY HITCH TYPE AND WIRING HARNESS *	\$13,275.0000	EA	\$13,275.00	06/11/19
2	1.00	OPT-MS-30AMPIQ4	VER-MAC 30 AMP BATTERY CHARGER WITH IQ4, 110V PLUG * OPTIONAL ADD-ON *	\$438.0000	EA	\$438.00	06/11/19
3	1.00	MISC	HOUSTON RADAR (DRIVER FEEDBACK DISPLAY) - THIS ALLOWS THE BOARD TO BE USED AS A SPEED BOARD * OPTIONAL ADD-ON *	\$1,295.0000	EA	\$1,295.00	06/11/19
4	1.00	MISC	DATALOGGER FOR RADAR - KEEPS TRACK OF AVERAGE NUMBER OF VEHICLES, AVERAGE SPEED STATISTICS * OPTIONAL ADD-ON *  - ADD FREIGHT, LISTED BELOW - SALESPERSON: JOSH	\$468.0000	EA	\$468.00	06/11/19

Thank you for the opportunity of quoting.

Subtotal: \$15,476.00  
 Sales Tax: \$0.00

*Exhibit C*

Decker Supply Co Inc.  
1115 O'Neill Ave  
PO Box 8008  
Madison WI 53708

# QUOTATION

Quote Number: 473953  
Quote Date: 06/11/19  
Page: 2  
Customer Phone: 235-1196  
Customer Fax: 608-846-2328

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VILLAGE OF WINDSOR  
4084 MUELLER RD  
DEFOREST, WI 53532

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VILLAGE OF WINDSOR  
4084 MUELLER RD  
DEFOREST, WI 53532  
608-235-1196

ATTN: DAVIS CLARK

Entered By: JOSH  
Location:  
Account Cd: WINDSTWIDN  
Salesperson: 7260

REQ Number:  
Ship Via: SHIP DIRECT  
Taxable: Y  
Pmt Terms: NET-30

Line	Order Qty	Part Number	Description	Price	UM	Ext Price	Est Ship
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Prices are good for 45 days  
from quotation date.

Freight:

\$475.00

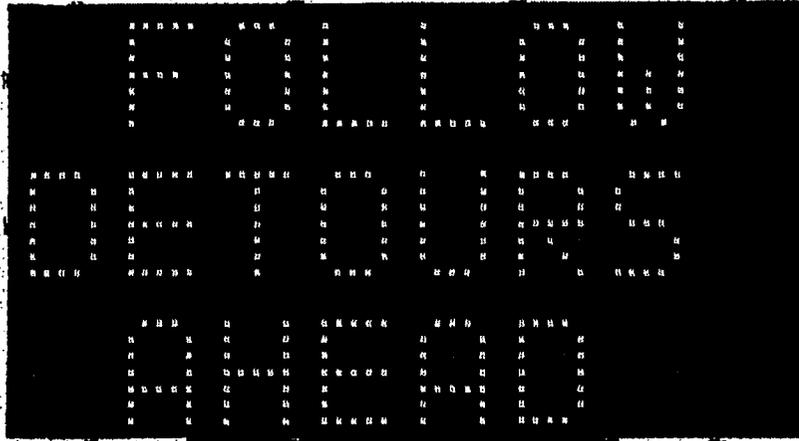
Total:

\$15,951.00

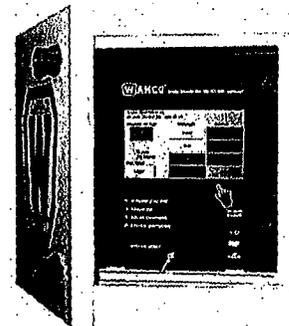
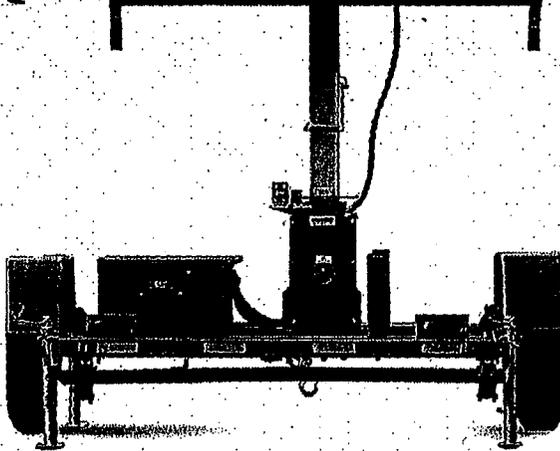
\$13,750.00



# Variable Message Signs Full-Matrix and Three-Line



- Easiest programming in the industry
- Capacitive touchscreen controller
- Intuitive interface with larger buttons
- Safer programming at eye level
- Multi-level password protection
- Out of reach of the casual hacker
- Better traffic visibility
- Less external wiring
- NTCIP compliant



In-Cabinet Controller  
(location shown below)

- Durable powder-coat finish, custom colors available
- Standard tow hitch and removable drawbar
- Low power consumption and more uptime
- Solar-charged deep-cycle batteries
- Cooling fans overheat protection
- Standard 15-amp AC charger included
- Energy efficient and superior performance
- Preprogrammed, custom and MUTCD graphics
- 360° display rotation for optimal positioning
- For optional equipment, contact factory

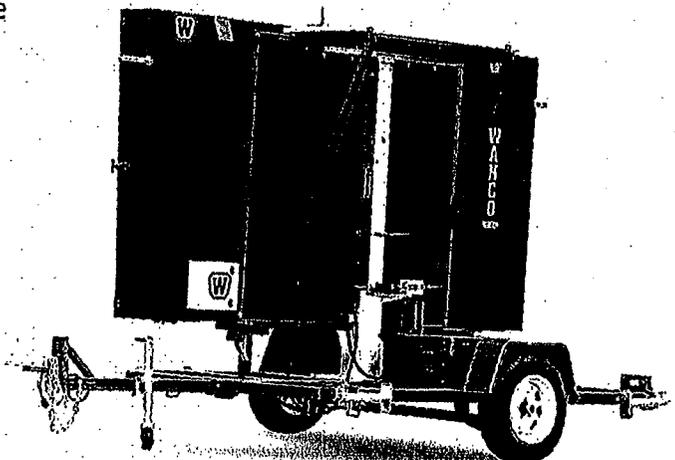


Exhibit D

# The safest means for notifying motorists of changes in traffic patterns and road conditions.

Wanco Message Signs are the ideal choice when you need to get information to the public. Full-size signs provide versatility and great performance.

Full-matrix signs provide the greatest flexibility for displaying any type of message—large or small letters, symbols, graphics. Graphics and text can be combined in the same message.

Three-line message signs are capable of displaying three rows of alphanumeric characters. The ultra-bright, highly legible LEDs display your message clearly.

Changing the message is simple, as Wanco signs feature the easiest programming in the industry. The in-cabinet controller has a 7-inch LCD capacitive touchscreen.

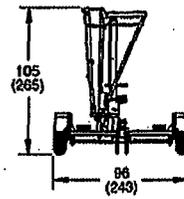
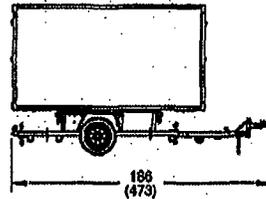
Signs come configured with preprogrammed standard messages. Multiple programming options provide flexibility for multiple applications.

Unsurpassed quality, engineering and value, paired with a multitude of functions and options, make these signs perfect for a wide variety of applications.

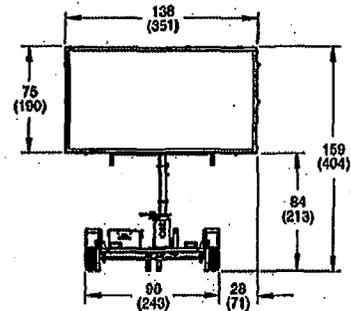
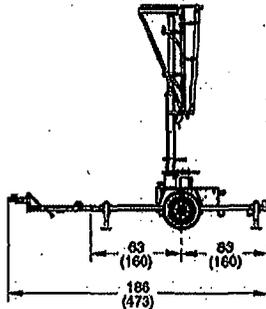
Meets NEMA TS 4-2005 Section 2 for ambient temperature, vibration, shock, electro-static discharge (ESD), and radio interference.

Dimensions in Inches (cm)

## Travel position



## Deployed



Weight Approx. 2640 lbs. (1193 kg)  
Tires ST205/75 D15

## Matrix Signs

- WTMMB(A) Hydraulic lift
- WTMMB(B) Manual winch

### Display

Resolution	Four amber LEDs form each pixel
Matrix	48 pixels wide, 27 pixels high
Fonts	12 fonts, selectable
Default font	5 x 7 pixels 3 lines of 8 characters max.
Default font size	11 x 16 in. (28 x 42 cm)

### Power

Batteries	Four 6 Vdc deep-cycle batteries wired for 12 Vdc power
Battery capacity	430 Ah total capacity @ 12 Vdc
Solar panels	130 W minimum
Power options	Additional batteries, 4D AGM batteries and solar panels

## Three-Line Signs

- WTLMB(A) Hydraulic lift
- WTLMB(B) Manual winch

### Display

Resolution	Four amber LEDs form each pixel
Font	1 font 5 x 7 pixels 3 lines of 8 characters per line max.
Font size	12 x 18 in. (30 x 45 cm)

### Power

Batteries	Four 6 Vdc deep-cycle batteries wired for 12 Vdc power
Battery capacity	430 Ah total capacity @ 12 Vdc
Solar panels	130 W minimum
Power options	Additional batteries, 4D AGM batteries and solar panels

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**WANCO INC.**  
5870 Tennyson Street  
Arvada, Colorado 80003  
800-972-0755  
303-427-5700  
303-427-5725 fax  
[www.wanco.com](http://www.wanco.com)

Decker Supply Co Inc.  
 1115 O'Neill Ave  
 PO Box 8008  
 Madison WI 53708

# QUOTATION

Quote Number: 473936  
 Quote Date: 06/06/19  
 Page: 1

Customer Phone: 235-1196  
 Customer Fax: 608-846-2328

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VILLAGE OF WINDSOR  
 4084 MUELLER RD  
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VILLAGE OF WINDSOR  
 4084 MUELLER RD  
 DEFOREST, WI 53532  
 ATTN: DAVIS CLARK

Entered By: JOSH  
 Location:  
 Account Cd: WINDSTWIDN  
 Salesperson: 7250

RFQ Number:  
 Ship Via: UPS/SDS  
 Taxable: Y  
 Pmt Terms: NET 30

Line	Order Qty	Part Number	Description	Price	UM	Ext Price	Est Ship
1	1.00	MISC	WANCO FULL SIZE 3 LINE TRAILER MESSAGEBOARD - MODEL: WTLMB(A) - INCLUDES: HYDRAULIC TOWER, STANDARD BATTERY BOX WITH (4) 6V BATTERIES, 15 AMP BATTERY CHARGER, 130W SOLAR PANEL, SPRINGLEAF AXLE, REMOVABLE DRAWBAR  - ADD FREIGHT, LISTED BELOW - SHIP DIRECT - SALESPERSON: JOSH	\$16,825.0000	EA	\$16,825.00	06/06/19

Thank you for the opportunity of quoting.

Prices are good for 45 days from quotation date.

Subtotal: \$16,825.00  
 Sales Tax: \$0.00  
 Freight: \$675.00  
 Total: \$17,500.00

*Exhibit E*