

Carbon Reduction Program - Waco MPO Project Submission

Submission date: **27 April 2023, 2:38PM**
Receipt number: **7**
Related form version: **7**

Introduction

Proposed Project Details

City Name:	Beverly Hills Police Department
Contact Name, Title:	Kory Martin, Chief of Police
Email:	kmartin@beverlyhillstx.gov
Phone Number:	2547522585
Project Title:	EMISSION REDUCTION & TRAFFIC SAFETY
Project Location:	CITY OF BEVERLY HILLS
Project Location	S Valley Mills Dr, Beverly Hills, TX, USA Map (31.5263507, -97.15168)
Project Description:	Purchase and utilization of a radar traffic trailer to reduce speeding which will reduce miles per gallon in fuel, emissions, and provide a device that increases driver safety awareness and compliance in combination.

Alignment with Prioritization Criteria:

1. Is your project a listed, eligible activity? **Yes**

If yes, which eligible category does your project fall under? If no, how and to what degree would your project measurably reduce transportation emissions?

2.

Does your proposed project reduce transportation emissions? In what ways?

Motor vehicle speed directly correlates to fuel consumption, which directly correlates to increased emissions. By utilizing this device 24 hours a day, 7 days a week, 365 days a year. We can greatly decrease average speed levels, which decreases average fuel consumption, which decreases average emissions.

3.

Does your proposed project address racial equity, workforce and economic development, remove barriers to opportunity in both rural and urban communities, or which redress prior inequities and barriers to opportunity? How? (Project prioritization considers both AOPP and overall mobility needs.)

Beverly Hills Texas is considered an area of persistent poverty. This results in lack of insurance coverage in motor vehicles with a higher increase in hit and run accidents resulting in significant impacts to public safety, property repair, and property replacement. Hit & Run Collisions were the 3rd highest offense in 2022-2023 according to the Beverly Hills Report Management System. The implementation of this project is expected to reduce speed, and reduce collisions which will lower hit and run collisions.

4.

Will your proposed project benefit future generations? In what ways? **This project directly impacts safety in the community. Speed is a consistent contributing factor for missing traffic control devices such as red lights, stop signs, and also contributes to following too closely, unsafe lane changes, and so on. This project directly attacks that area to increase safety and potentially save lives.**

5.

Does your proposed project take into account the ways in which it interacts with surrounding areas and influences current and future accessibility and uses? How?

Projected increase in locally due to new subdivision in Waco just on the border of Beverly Hills. We also have a School that has a crosswalk across Valley Mills Drive which is unmanned. This leads to a need for lasting efforts to slow the traffic in this area and this device will help achieve that goal.

6.

What is the Local match committed to this project? **\$2,000.00**

7.

What is the readiness level of the project? Project funds are available for obligation for a maximum of 4 years (3 years after the last day of the fiscal year for which funds are authorized). Please indicate project status for design, engineering (if applicable), ROWs, and cost estimates.

1. Design/Engineering - Immediately Effective Upon Purchase
2. Right of Way Acquisition - A multitude of Rights Aways are Readily Available
3. Utility Relocation - No utility relocation will be necessary for the proposed project.
4. Current Cost Estimate - Quote Total Value: \$9,521.00
5. Enviromental Review - Speed reports can be obtained and reviewed for impact. Motor vehicle accidents and hit and run accidents can also be reviewed via statistical reports.

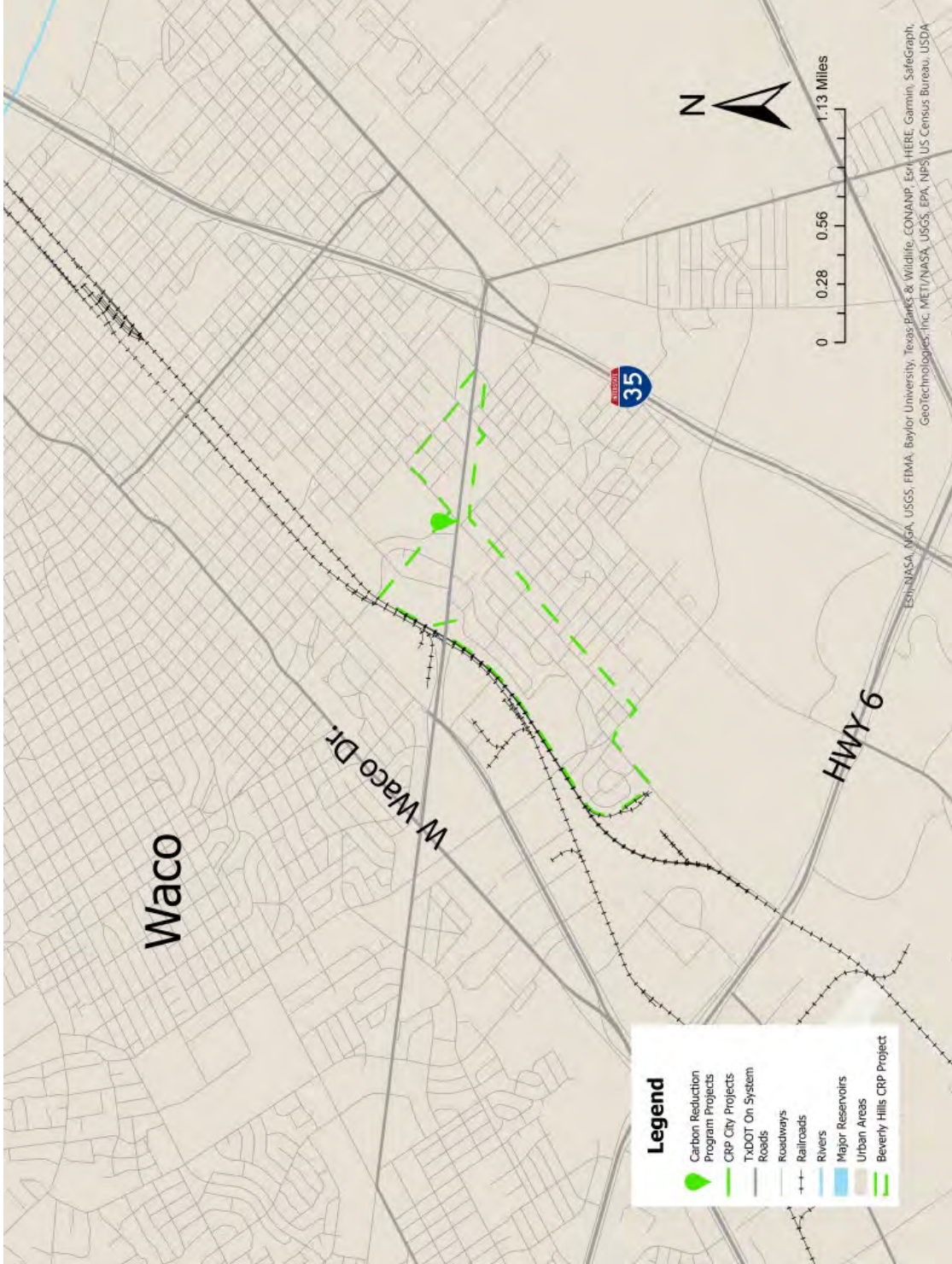
8.

Does proposed project have community support? If yes, to what extent?

1. **Identified Local Priority - Yes, Beverly Hills Police Department, as most agencies, receive reports of speeding and reckless driving throughout each year. The statistics involved in hit and run accidents are well documented as well.**
2. **Has undergone public engagement process - Yes, we have met with individual citizens throughout the city and business owners. Each has approved the desire to apply for this grant and our goal to use the funds on a traffic radar trailer.**
3. **Has documented public comments - Yes, I have 3 letters. The 1st letter is from a local citizen with interest in the city functions. The 2nd letter is from a local business owner on who's business is on New Road. The subjects who signed the signature sheets also received two-way communication with city employees and it was unanimous that they agreed with the project. This represents a combination of businesses, citizens, and Harmony Schools.**
4. **Has endorsement from public officials - Mayor Priscilla Serrato provided a written letter on behalf of her and the city endorsing the project.**
5. **Has other related documentation demonstrating public support -**

Please include letters of support, public comments, endorsement from public officials, or other related documentation demonstrating type and caliber of community support.

[Carbon Reduction Program - Community Interaction Packet.pdf](#)



CARBON REDUCTION PROGRAM

PROJECT

The Beverly Hills Police Department is appreciative of the opportunity to participate in this effort to reduce carbon emissions while impacting the safety of the community. Our project is to purchase a Radar Traffic Trailer which will reduce speeding which in turn reduces miles per gallons of gasoline usage and in turn reduces motor vehicle collisions.

Chief Of Police

Kory Martin

Traffic Radar Trailer

CONTACT

☎ 254-752-2585

✉ kmartin@beverlyhillstx.gov

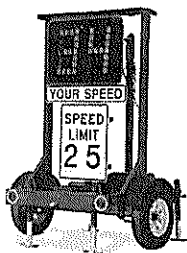
🌐 www.beverlyhillstexas.net

CARBON REDUCTION

As we know, speeding and rapid acceleration cause a lower gas mileage which can be from 10% to 40% in stop-and-go traffic. Driving at rates of speed increase aerodynamic drag (wind resistance), which reduces fuel economy.

It is the Beverly Hills Police Departments goal to keep drivers operating at the posted speed limits throughout the city, which will inherently have a fuel economy impact.

We help achieve this through traffic enforcement but on each shift, I often only have one patrol officer and they frequently have to stay mobile, answer calls, along with prolonged processes at the jail for arrests or hospital for mental health. Our proposal of a traffic trailer with Red & Blue speeding alerts will help us to have a lasting and more consistent effect on the high traffic volume through the city, especially on Valley Mills Drive to I-H 35.



PUBLIC SAFETY

In the 2022-2023 the 3rd highest criminal offenses within the city were hit and run accidents. This trailed just under possession of marijuana and drug paraphernalia cases. As a Chief of Police there is no greater responsibility but to assess and work towards the safety of both the people in the community and their property.

This Radar Traffic Trailer Project will assist in both additional safety to citizens and their property. By having a highly visible reminder outside of the normal solitary white speed limit sign we can decrease speeding and increase a drivers focus.

SEE ADDITIONAL PAGES FOR MORE INFORMATION ON THE GEOGRPAHIC AREA, ITEM TO BE PURCHASED, AND THE EXPENSE. THANK YOU FOR YOUR TIME AND DILIGENCE.

CITY OF BEVERLY HILLS

POLICE DEPARTMENT



3418 MEMORIAL DRIVE
BEVERLY HILLS, TEXAS 76711
PHONE (254)752-2585 FAX (254)752-3505
email: kmartin@beverlyhillstexas.net

The Beverly Hills Police Department is looking to increase public safety and lower emission through the utilization of a Radar Traffic Trailer. This item will be purchased primarily through grant funding. The traffic trailer will provide the following:

- Speed Limit Sign
- Digital Current Speed of Driver
- Red & Blue Light Bars
- Mobile Throughout City

Print

Signature

<u>Joseph Basque</u>	<u>[Signature]</u>	<input checked="" type="radio"/> Yes (would like it)	<input type="radio"/> No (would not like it)
<u>Juan Sivero</u>	<u>[Signature]</u>	<input checked="" type="radio"/> Yes (would like it)	<input type="radio"/> No (would not like it)
<u>Brittney Dyess</u>	<u>[Signature]</u>	<input checked="" type="radio"/> Yes (would like it)	<input type="radio"/> No (would not like it)
<u>Lupe Markice</u>	<u>[Signature]</u>	<input checked="" type="radio"/> Yes (would like it)	<input type="radio"/> No (would not like it)
<u>Dwight L. Maslow, Sr</u>	<u>[Signature]</u>	<input checked="" type="radio"/> Yes (would like it)	<input type="radio"/> No (would not like it)
<u>Maria Garbay</u>	<u>[Signature]</u>	<input checked="" type="radio"/> Yes (would like it)	<input type="radio"/> No (would not like it)
<u>MACGLORIA ESPINOZA</u>	<u>[Signature]</u>	<input checked="" type="radio"/> Yes (would like it)	<input type="radio"/> No (would not like it)
<u>Alicia Martinez</u>	<u>[Signature]</u>	<input checked="" type="radio"/> Yes (would like it)	<input type="radio"/> No (would not like it)

CITY OF BEVERLY HILLS



POLICE DEPARTMENT



3418 MEMORIAL DRIVE
BEVERLY HILLS, TEXAS 76711
PHONE (254)752-2585 FAX (254)752-3505
email: kmartin@beverlyhillstexas.net

Public Engagement & Interest

The Beverly Hills Police Department is looking to increase public safety and lower emission through the utilization of a Radar Traffic Trailer. This item will be purchased primarily through grant funding. The traffic trailer will provide the following:

- Speed Limit Sign
- Digital Current Speed of Driver
- Red & Blue Light Bars
- Mobile Throughout City

Print	Signature		
<u>Esméaldas Powell</u>	<u>[Signature]</u>	<input checked="" type="radio"/> Yes (would like it)	<input type="radio"/> No (would not like it)
<u>David Gonzales</u>	<u>[Signature]</u>	<input checked="" type="radio"/> Yes (would like it)	<input type="radio"/> No (would not like it)
<u>Brent Bankston</u>	<u>[Signature]</u>	<input checked="" type="radio"/> Yes (would like it)	<input type="radio"/> No (would not like it)
<u>Aneel Harude</u>	<u>[Signature]</u>	<input checked="" type="radio"/> Yes (would like it)	<input type="radio"/> No (would not like it)
<u>Kenneth Kucera</u>	<u>[Signature]</u>	<input checked="" type="radio"/> Yes (would like it)	<input type="radio"/> No (would not like it)
<u>Eliavann Lynn</u>	<u>[Signature]</u>	<input checked="" type="radio"/> Yes (would like it)	<input type="radio"/> No (would not like it)
<u>Whitney Moore</u>	<u>[Signature]</u>	<input checked="" type="radio"/> Yes (would like it)	<input type="radio"/> No (would not like it)
<u>Christi Holt</u>	<u>[Signature]</u>	<input checked="" type="radio"/> Yes (would like it)	<input type="radio"/> No (would not like it)

City of Beverly Hills

Mayor Priscilla Serrato



3418 Memorial Drive
Beverly Hills, Texas 76711
254-752-2584
254-752-0003

Dear Carbon Reduction Program Committee,

It is with great pleasure that I write this endorsement for Chief Kory Martin, who is the Chief with the City of Beverly Hills. Chief Martin has demonstrated great leadership skills and knowledge of how the city can grow and grow effectively while taking care of our residents.

This grant can have a positive impact on reduction of traffic we get in that area. It will also allow us to reduce the amount of drivers that come at a high rate of speed. The project is of significant value to me as not only the Mayor of the City of Beverly Hills, but also a citizen within the city. I have witnessed how the intersection has negatively impacted on our community and residents, as my daughters were also involved in a hit and run speeding collision in that exact intersection.

If this grant has the ability to reduce the amount of speeding drivers, car accidents, hit and run collisions and deaths, it would allow the city to regain control of that intersection and save lives.

Thank you for your time and consideration,

Respectfully,

A handwritten signature in cursive script that reads "Priscilla Serrato".

Priscilla Serrato

Mayor | City of Beverly Hills, TX

3418 Memorial Drive Beverly Hills, TX 76711

Office: 254-752-2584

Email: mayor@beverlyhillstexas.net

City Website: beverlyhillstexas.net



City of Beverly Hills Police Department

3418 Memorial Drive Waco, TX 76711

Dear City of Beverly Hills Police Department,

Thank you so much for coming into my office to show me the future plans within the Police Department for a radar speed limit sign to be posted on the streets.

I truly believe this is very important for our community.

As you know, I am a local business owner, and I am in a very heavily populated, high traffic, and busy area. I am on the corner of Memorial and New Road. These 2 streets are busy, and speeders have been a concern for me for quite some time now. Thank you for being proactive and coming up with solutions for our community. Sometimes there are children in our strip/office location, and I worry about that in addition to accidents due to speeders being more common in the area as well.

Also, thank you and your department again for always being available when we need assistance. Your department has shown the upmost respect and professionalism with every encounter we have had. Thank you for your leadership and for representing this beautiful city well!

If our Farmers agency can assist the department in any way, feel free to reach out. We'd love to support!

Warm regards,

Esmeralda S. Powell
AGENCY OWNER

☐ 2548704387

☐ Epowell@farmersagent.com



ESME POWELL
AGENCY, LLC.

Kory Martin

From: David Gonzales <dgonzales1@farmersagent.com>
Sent: Wednesday, April 12, 2023 2:12 PM
To: Kory Martin
Subject: Carbon Reduction & Emmisions Program

Chief Martin,

Thank you for stoping by and discussing this program with me.
I believe your idea for a Traffic Radar Trailer would be great for this program.
Thank you for getting citizens like myself involved.

Best Regards,
David Gonzales
810 Acree Acres
Beverly Hills, Tx 76711

David Gonzales
Farmers Insurance
2501 Franklin Ave
Waco, TX 76710-7433
254-772-2631 (Office)
254-772-2697 (Fax)
dgonzales1@farmersagent.com
<http://www.farmersagent.com/dgonzales1>



Securities offered through Farmers Financial Solutions, LLC. Member FINRA & SIPC.

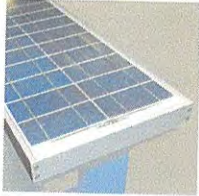
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Stalker SAM | Speed Awareness Monitor

Stalker's SAM trailers are powered by Precision Solar Controls and feature Stalker speed measurement accuracy in a rugged, dependable trailer platform.



■ Optional Solar Panels

■ 18" Amber LED characters - legible at up to 1000 ft.

■ 4D Deep-cycle battery - provides over 18 days of operation and longer time between charges

■ Stalker K-Band Doppler Radar

■ New Optional Programmable LED Violator Alert

■ Optional Integrated Statistics Package

■ Hand-held controller



◀ Programmable LED Violator Alert (Optional)



STALKER®

Power to Enforce.

stalkerRadar.com

LED Lamp Matrix and Pulse Modulation

At the heart of the Stalker SAM is Precision Solar Control's LED Lamp Matrix and LED Pulse Width Modulation. The LED Lamp Matrix concentrates and focuses the LEDs' light, allowing the motorist to see the sign at a greater distance and, thus, act on the speed warning quicker.



LED Pulse Width Modulation significantly increases the time between battery charges and powers the LEDs so that they remain at a consistent brightness throughout the battery's discharge cycle.

Stalker K-Band Radar

The speed measurement component is pure Stalker - accurate and durable. Stalker's Stationary Speed Sensor II radar has greater range, sensitivity, and tracking when compared to competitive signs' radar.



4D Deep-cycle 12-volt battery Provides over 18 days of continuous operation yielding longer operational time between battery charges.

Graffiti-resistant paint

The finish keeps the trailer looking clean and neat for a professional department image, while its all steel construction provides a sturdy platform and reduces damage sustained in the field.

Dedicated hand-held controller

Complete programming and diagnostic functions in the palm of your hand.



Four stabilizing/leveling jacks

aid in proper placement and stability while allowing one officer to position the SAM on nearly any type of terrain.

Retractable/Removable tongue

Options:

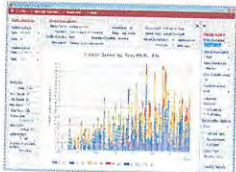
Top-mounted solar panel

The panels recharges a day's worth of battery use with only 2.5 hours of sunlight allowing for "infinite" field operation.



New Programmable LED Violator Alert

High powered LED Violator Alert flashes to warn motorists when they have exceeded a pre-set speed. Three (3) different user-programmable settings and choice of blue/red or white/white.



Integrated statistical package

gathers valuable traffic data for improved grant writing support and verification of the sign's impact on traffic speeds.

STALKER SAM

Specifications:

TRAILER

Width	64" (1.63m)
Length	116" (2.95m) tongue in travel position 57 1/2" (1.5m) tongue in display position
Height	91" (2.31m)
Weight	700 lbs. (317.5kg)
Main Frame	2" x 4" x .120" Steel Tubing

DISPLAY CABINET

Material Thickness	.156" ABS Plastic
Width	36" (.91m)
Height	25 1/2" (.65m)
Depth	5 1/4" (.13m)
Lexan Window Thickness	.125"
Cabinet Temperature Delta	± 20°

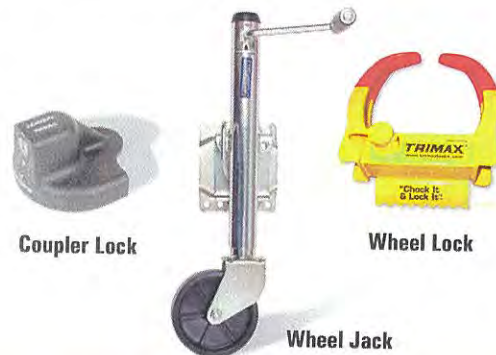
ENERGY SOURCE

Battery Bank	4D Deep-Cycle Battery 18 days @ 78°F (25°C)
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RADAR - STALKER STATIONARY SPEED SENSOR II - 24.125 GHz

Detection Distance	Up to 1,200' (365 m)
Beam Width	30° x 32°

Accessories:



Coupler Lock

Wheel Lock

Wheel Jack

STALKER®

Power to Enforce.

applied concepts, inc.

855 East Collins Blvd. ■ Richardson, Texas 75081
972.398.3780 ■ Fax 972.398.3781

006-0455-00 Rev F



800-STALKER

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SAM

The Street Dynamics Speed Awareness Monitor (SAM) Radar Speed Sign

The Speed Awareness Monitor (SAM) radar speed sign is a 24/7 traffic calming presence built on a rugged, dependable trailer. Despite its compact size, the SAM is legible from 1,000' (305 m) away and able to operate continuously when fitted with an optional solar panel. It also features changeable SPEED LIMIT numbers, so you can deploy your SAM anywhere without the need to purchase a whole collection of individual SPEED LIMIT signs.

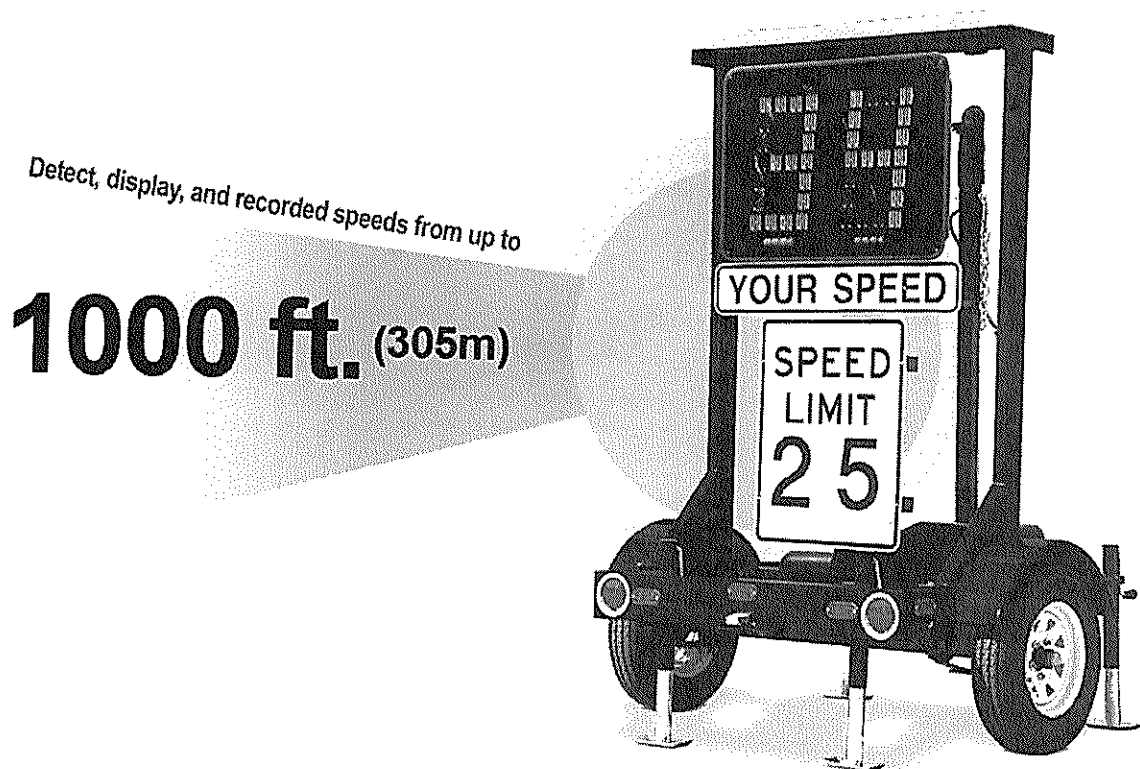
Accessories

Downloads + Videos

Contact Us

Small Footprint, Big Impact

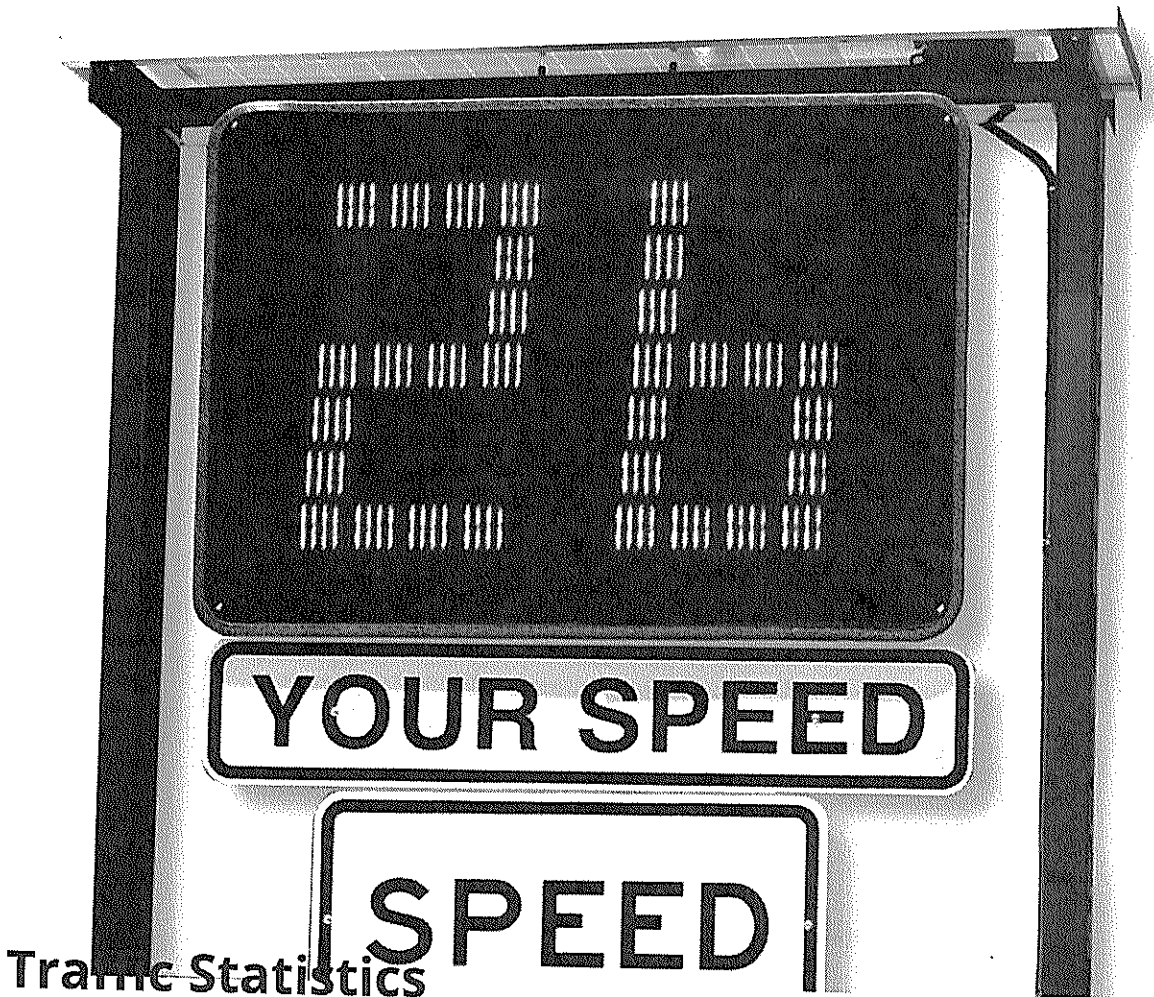
Don't let the SAM's size fool you- its small size allows it to be easily positioned anywhere you need to calm traffic, and its bright 18" amber LED characters communicate drivers' speed up to 1,000' (305 m) away. The optional programmable LED violator Alert warns motorists by flashing red/blue strobes when they have exceeded your pre-set speed threshold.



Greater Visibility + Longer Battery Life

The SAM radar speed trailer is fitted with our exceptionally bright and clear proprietary LED Lamp Matrix and LED Pulse Width Modulation technology. The LED Lamp Matrix concentrates and focuses the LED's light, allowing the motorist to see the sign at a greater distance and, thus, act on the speed warning quicker.

LED Pulse Width Modulation is also incredibly efficient, significantly reducing the drain on batteries and allowing the LEDs to remain at a consistent brightness throughout the battery's entire discharge cycle.

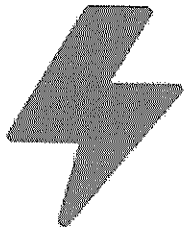


Tramc-Statistics

Learn More About Easy Analyst

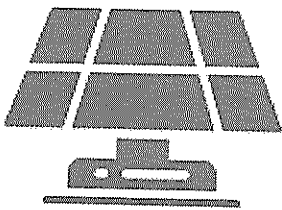
Power Up

The SAM speed sign can run for up to 18 days of continuous operation using its 4D Deep-cycle 12-volt battery. Add an optional top-mount solar panel to run your sign indefinitely. The solar panel needs only 2.5 hours of bright sunlight to recharge a full day's worth of battery power.



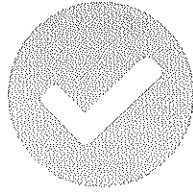
18 DAY

Continuous battery operation



SOLAR AVAILABLE

For nearly-infinite field operation

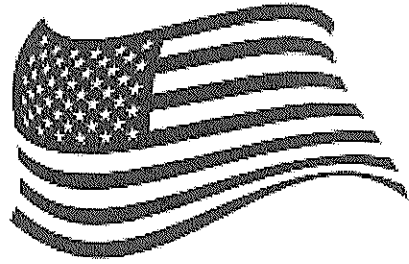


We stand behind our products. That is why the SAM radar speed trailer comes with a 2-year warranty on the sign and trailer, a 1-year warranty for the battery, and a 5-year warranty on the optional solar panel.

Ready to add a SAM radar speed sign to your traffic safety lineup?

 [Contact Us](#)

STALKER



STALKER radar

applied concepts, inc.

855 E. Collins Blvd
Richardson, TX 75081
Phone: 972-398-3780
Fax: 972-398-3781

National Toll Free: 1-800- STALKER

Inside Sales Partner: Chris Frett
+1-972-801-4866
chrisf@a-concepts.com

Reg Sales Mgr: Stephen Barlag
972-398-3780
stephen@a-concepts.com

QUOTE

2072757

Page 1 of 1

Date: 04/05/23

Effective From : 04/05/2023

Valid Through: 07/04/2023

Lead Time: 60 working days

Bill To: Beverly Hills Police Dept 3418 Memorial Dr Waco, TX 76711	Customer ID: 023673 Accounts Payable	Ship To: Beverly Hills Police Dept 3418 Memorial Dr Waco, TX 76711-1514	<i>Deliver</i> Chief Kory Martin
------------------------------------------------------------------------------------	----------------------------------------------------	-----------------------------------------------------------------------------------------	-----------------------------------------

Grp	Qty	Package	Description	Wrnty/Mo	Price	Ext Price
1	1	821-1000-00	Stalker SAM Trailer	24	\$8,830.00	\$8,830.00
Ln	Qty	Part Number	Description		Price	Ext Price
1	1	015-2532-59	[253259] SAM Trailer with Top Display			\$0.00
2	1	200-1229-01	[414155] Traffic Stats Sensor, 2 Comm Ports			\$0.00
3	1	015-5345-00	[274714] SAM Trailer Solar Panel			\$0.00
4	1	015-2328-62	[232862] Red LED Light Bar-SAM/SAM-R			\$0.00
5	1	015-2354-40	[235440] Blue LED Light Bar-SAM/SAM-R			\$0.00
6	1	015-5603-00	[275565] Trailer Wheel Lock			\$0.00
7	1	200-1173-00	Traffic Analyst App, Thumb Drive, Manual			\$0.00
8	1	200-1448-00	SAM/SAM-R Trailer User Manual Kit w/USB Cable			\$0.00
9	1	006-0569-00	Certificate of Accuracy, Speed Sensor II			\$0.00
10	1	060-1000-24	24-Month Warranty			\$0.00
11	1	600-0022-01	Steel Surcharge, SAM Trailer		\$391.00	\$391.00
Group Total						\$9,221.00

Product	\$9,221.00	Sub-Total:	\$9,221.00
Discount	\$0.00	Sales Tax 0%	\$0.00
Payment Terms: Net 30 days		Shipping & Handling:	\$300.00
		Total: USD	\$9,521.00

Quoted Buy Board Contract # 608-20 Price

001

This Quote or Purchase Order is subject in all respects to the Terms and Conditions detailed at the back of this document. These Terms and Conditions contain limitations of liability, waivers of liability even for our own negligence, and indemnification provisions, all of which may affect your rights. Please review these Terms and Conditions carefully before proceeding.