



CITY OF LAKE FOREST PARK CITY COUNCIL WORK SESSION

Thursday, November 13, 2025 at 6:00 PM

Meeting Location: In Person and Virtual / Zoom

17425 Ballinger Way NE Lake Forest Park, WA 98155

INSTRUCTIONS FOR ATTENDING THIS MEETING VIRTUALLY:

Please note, this link works for both the Work Session (6:00 p.m.) and Regular Meeting (7:00 p.m.).

**Join Zoom Webinar: <https://us06web.zoom.us/j/87091829890>
Call into Webinar: 253-215-8782 | Webinar ID: 870 9182 9890**

Public Comment is not taken during the Work Session.

As allowed by law, the Council may add items not listed on the agenda.
For up-to-date information on agendas, please visit the City's website at www.cityoflfp.gov.

Meetings are shown on the city's website and on Comcast channel 21 for subscribers within the Lake Forest Park city limits.

AGENDA

- 1. CALL TO ORDER: 6:00 PM**
- 2. ADOPTION OF AGENDA**
- 3. COUNCIL DISCUSSION TOPICS**

A. Purchase of Four (4) ATS SpeedAlert 24 Radar Message Sign Trailers

B. 2025-2026 Budget Priviso

- 4. ADJOURN**

FUTURE SCHEDULE

- Thursday, November 13, 2025, 7:00 p.m. City Council Regular Meeting – *hybrid meeting (City Hall and via Zoom)*

- Thursday, November 20, 2025, 6:00 p.m. City Council Special Meeting – *hybrid meeting (City Hall and via Zoom)*

- Monday, November 24, 2025, 6:00 p.m. Committee of the Whole Meeting – *hybrid meeting (City Hall and via Zoom)*

- Thursday, November 27, 2025 – Thanksgiving Day, City Hall closed
- Friday, November 28, 2025 – Native American Heritage Day, City Hall closed

Any person requiring a disability accommodation should contact city hall at 206-368-5440 by 4:00 p.m. on the day of the meeting for more information.



CITY OF LAKE FOREST PARK

CITY COUNCIL

AGENDA COVER SHEET

Meeting Date	November 13, 2025
Originating Department	Police Department
Contact Person	Mike Harden, Police Chief
Title	Purchase of Four (4) ATS SpeedAlert 24 Radar Message Sign Trailers

Legislative History

- First PresentationNovember 13, 2025, Work Session

Attachments:

- ATS SpeedAlert 24 ATS 5 Information and Quotes

Executive Summary

The traffic calming group requests approval to purchase four (4) ATS SpeedAlert 24 Radar Message Sign Trailers with License Plate Reader (LPR) capability to replace the City's 20+ year-old radar trailer. These solar-powered, ultra-portable trailers can be deployed by one person and offer speed-dependent messaging, flashing LED alerts, and real-time data reporting. Adding LPRs could improve officers' access to investigative data. This investment significantly enhances the City's Traffic Calming Program, enabling quick responses to speeding complaints, data-driven enforcement, and versatile use across the City. The trailers will also support Public Works and Police by serving as portable message boards for construction, detours, emergencies, and community events. The total initial investment is \$101,401.77, funded through either the Traffic Calming Fund or the Traffic Safety Fund (002), plus annual LPR subscription fees.

Background

The Traffic Calming Group, which includes the Police Department, Public Works, the Traffic Engineer, and soon a Senior Project Manager, requests approval to purchase four ATS SpeedAlert 24 Radar Message Sign Trailers. The City's current radar trailer is over 20 years old. It is bulky, requires two staff members to deploy, needs to be recharged with a cord, has limited battery life, and does not store traffic data such as speed or volume for analysis. These limitations hinder frequent deployment and reduce the City's ability to respond quickly to community concerns. To modernize operations, the traffic calming group recommends replacing this outdated trailer with four ultra-portable, solar-powered ATS SpeedAlert 24 Radar Message Sign trailers. Each unit is lightweight, can be deployed by a single staff

member (usually our traffic support officer), and features the option of using LPR technology. Purchasing four units will allow the City to provide broader, citywide coverage, resulting in faster response times and fewer delays, enabling multiple requests to be addressed simultaneously rather than waiting weeks. This investment will greatly enhance the City's Traffic Calming Program by expanding its ability to respond to speeding complaints, improve safety in high-risk areas, and offer flexible roadside messaging. The units will also support Public Works and Police by serving as portable message boards that can be quickly deployed across the city for community events, road closures, construction zones, or emergency messages.

This request is to purchase four (4) SpeedAlert 24 Radar Message Sign Trailers made by All Traffic Solutions (ATS), with the option of LPRs. This system will offer traffic calming, public messaging, and advanced data collection to support citywide safety and operational needs.

Features & Benefits

- **Speed-Dependent Messaging**
 - Custom messages (e.g., “Slow Down,” “Too Fast!”) based on driver speed.
 - Configurable thresholds and display timing.
- **Flashing LED Alerts**
 - Red/blue LED lights activate at high-risk speeds.
 - Adjustable thresholds provide maximum flexibility.
- **Ultra-Portable, Single-Person Deployment**
 - Lightweight, foldable, and solar powered.
 - Quickly deployed across the City by one staff member.
- **License Plate Reader (LPR) Integration**
 - Each trailer can be LPR-ready and fitted with a unit.
- **Web-Based Reporting (TraffiCloud®)**
 - Remote management and monitoring.
 - Automated traffic data reports, alerts, and system notifications.
- **Multi-Department Use**
 - Expands the City's Traffic Calming Program.
 - Provides Public Works with portable message boards for construction, detours, and public notices.
 - Provides Police with rapid-deployment tools for speed enforcement, traffic complaints, and community safety initiatives.

Fiscal & Policy Implications

Radar Message Sign Trailers (ATS SpeedAlert 24):

- One (1) Unit: \$25,375.12
- Two (2) Units: \$50,750.24
- Four (4) Units: \$101,401.77

Annual Subscription for LPR: \$5,000

Total Initial Investment (4 Trailers + 4 LPRs):

\$101,401.77 plus annual subscription costs

Funding Source:

This purchase will be funded through either the Traffic Calming Fund or the Traffic Safety Fund (002).

Staff Recommendation

Review and discuss the purchase of Four (4) ATS SpeedAlert 24 Radar Message Sign Trailers with the option of License Plate Readers at a total cost of \$101,401.77, plus annual subscription costs.

PRODUCT SPECIFICATIONS

ATS 5 ULTRA-PORTABLE TRAILER

ALL TRAFFIC
SOLUTIONS



ATS 5 Trailer is compatible, interchangeably, with the following products:

- o Shield 15 (Sh15) radar speed display
- o SpeedAlert 18 or 24 (SA 18 or SA 24) radar message sign
- o InstAlert 18 or 24 (IA18 or IA24) variable message sign
- 5' minimum to bottom of sign

Weight

- o 620 lbs with 235Ah battery capacity and SA18
- o 760 lbs with 470Ah battery capacity IA24
- o Add 130 lbs for additional battery pair
- o Add 60 lbs for 120W solar panel
- o Add 40 lbs for 65W solar panel
- **Tongue weight:** 20 lbs
- **Dimensions:** 61.5" long x 62.5" wide x 64" high (stowed)
- Simple manual lever lift system for 1-person setup
- Removable tongue for 2" ball, lockable
- Storage for tongue and lift bar in locked battery compartment
- 16 ga. steel locking battery compartment with vented
- battery chamber, charger/accessories chamber and 1/8" aluminum diamond plate lid
- Continuous weld steel frame, white marine grade powder coat finish
- **Wheels:** 12", 5 bolt steel rims with 4.5" bolt circle
- **Ground clearance:** 9.75 under axle, 19 under chassis
- Replaceable steel fenders, weight supporting
- Locking wheel lug bolts, 1 per wheel, with removal tool
- **Axle:** 2000 lbs leaf spring
- **Jacks:** (4), retractable crank type, fully adjustable at each corner, 1500-lb capacity each

Recessed tail lights and DOT-approved lighting

- Safety chains, 30" with hooks

- DOT-approved red/white reflective tape
- License plate holder with light

ATS 5 Trailer Power

- 12 VDC system, Std 4 pin wiring plug
- 235Ah or 470Ah batteries, (2) 6VDC batteries in series, deep cycle marine (130 lbs per pair, 2 pair max)
- 20A time delay fuse on battery supply
- 65W solar assist with 10A solar controller to prevent overcharging, other solar wattages available
- Solar panels charge while sign stowed or deployed
- 10 Amp 120VAC automatic charger with externally accessible AC connection
- Switch to control power to sign

ATS 5 Trailer Options

- 30" x 36" speed limit sign and interchangeable digits for 5-65 mph display and locking hitch pin for display and stowing; digit storage in battery compartment
- Red and Blue Violator Strobe Light Bar, set to flash above user set speed
- Low Voltage Disconnect solar controller to turn off sign if power falls below 11.5VDC (decreases run time)
- (2) 5/16 ball or pintle hook, adjustable height, on removable tongue
- Orange powder coat finish (minimum order qty)
- AGM sealed batteries for lower temperature use, -40F (185Ah per pair, 370Ah max)
- Tamper alarm with adjustable sensitivity
- Wheel lock bar
- '7' digit for speed limit sign
- 14" tires and fenders
- Speed Dependent Messaging Option
- ALPR Camera System option

Warranty

- 1-year warranty (three months on batteries)

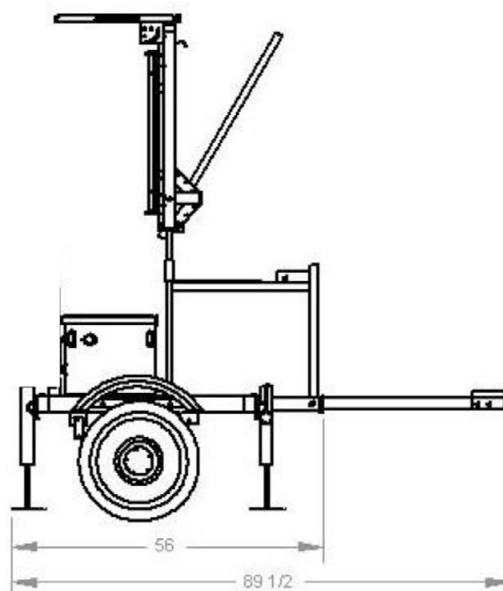
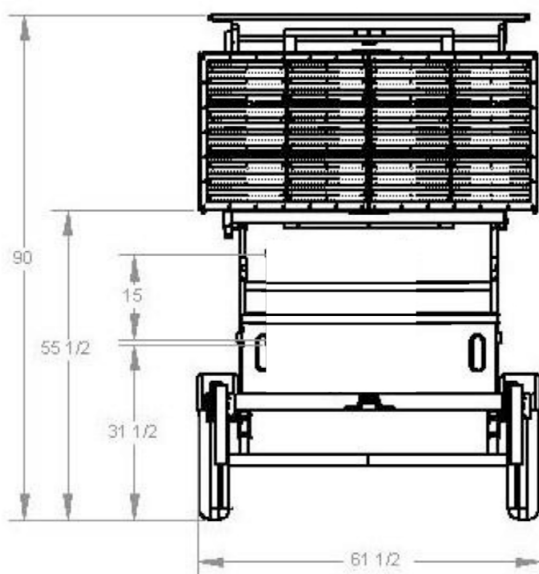
Compatible with these ATS Products

Engineered and manufactured in the United States of America

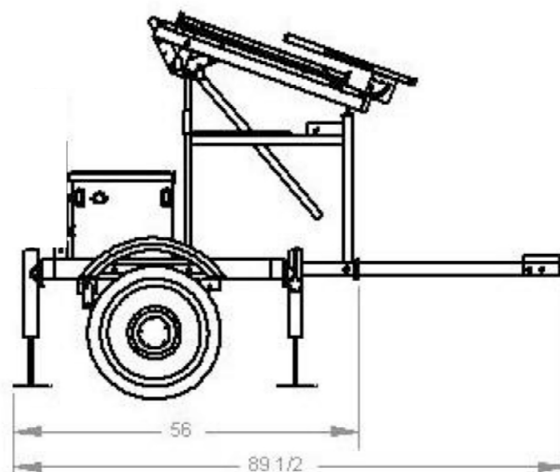
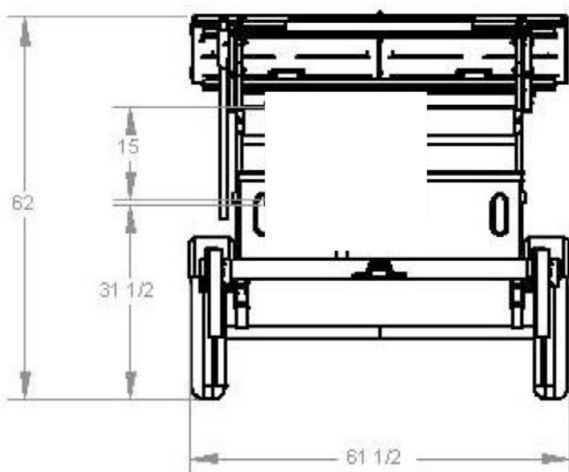
1. ATS 5 Trailer with SpeedAlert 24 and optional light bar
2. ATS 5 Trailer with SpeedAlert 18



ATS 5 Trailer: Deployed with SpeedAlert 24

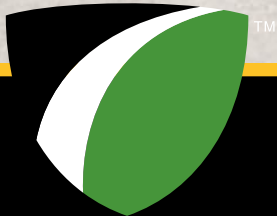


ATS 5 Trailer: Stowed with SpeedAlert 24





ALL TRAFFIC
SOLUTIONS



Connected Solutions for Better Traffic Safety Outcomes

SPEEDALERT 24 RADAR MESSAGE SIGN

AllTrafficSolutions.com

The Ultimate Multi-Purpose Tool.

SpeedAlert combines radar feedback with variable messaging for maximum versatility. Take SpeedAlert anywhere you want to resolve speed complaints, slow speeding, or share timely notifications.



SPEED-DEPENDENT MESSAGING

Give drivers immediate feedback by displaying custom messages specific to their speed, like "Slow Down", "Too Fast!", or any other message you choose to create. You have complete control over which messages are displayed, when they are displayed, and for how long.

FLASHING LED LIGHTS

Alert those who are traveling at high-risk speeds with flashing red and blue LED lights. You choose which speeds trigger the lights and can change the thresholds at any time.

EASY TO TRANSPORT AND DEPLOY

The ultra-portable SpeedAlert 24 can fold in half and is easily deployable by one person on a trailer, portable post, pole, or vehicle hitch. The trailer is lightweight and easy to maneuver, so you can take it wherever you need traffic calming or roadside messaging.

"On a per-dollar basis, this might be one of the best expenditures we have."

– Pasha Majdi, Vienna VA Town Council



Web-Based Reporting and Accessibility

All Traffic Solutions' patented TrafficCloud® software enables you to remotely manage and monitor your devices from anywhere using any internet-connected device.

Access real-time traffic data, generate ready-made speed and volume reports, and get email or text alerts for tampering, low batteries, and high-speed violators.

MAXIMIZE RESOURCES WITH REAL-TIME DATA

Use your web-enabled SpeedAlert sign to:

- Conduct hassle-free traffic studies
- Quickly resolve speeding complaints
- Increase driver speed awareness
- Identify speeding hot spots and prioritize enforcement in high-risk areas

DURABLY MADE IN THE USA

SpeedAlert is shatterproof, graffiti-resistant, and built to last for over a decade in all weather conditions.

All Traffic Solutions products are manufactured in our State College, Pennsylvania production facility in compliance with the Buy American Act and the Buy America Act.

WARRANTY AND FREE TRAINING

To ensure that our customers get the most out of our solutions, we offer the best product warranty on the market, world-class customer support, and unlimited free training from our US-based offices.

Product Specs

SpeedAlert 24

DIMENSIONS	28" x 60" x 1.625"	WEIGHT	43 lbs.
TEXT	1 line: 24" H x 12.5" W characters, 4 per line 2 lines: 10.25" H x 5.75" W characters, 8/line 3 lines: 7" H x 4" W characters, 12 per line 2 lines: (1) 7" char, 12/line, (1) 10.25" char, 8/line		

Section 3, ItemA.

"SpeedAlert acts on our behalf when we can't be there—it's the tool in our back pocket."

– Sgt. Zach Finrock, Clarendon Hills IL Police Department





For more information visit us online at AllTrafficSolutions.com

✉ sales@alltrafficsolutions.com

☎ Call us at 866.366.6602

All Traffic Solutions. 14201 Sullyfield Circle, Suite 300, Chantilly, VA 20151

©All Traffic Solutions TrafficCloud® leverages our patented technology (US Patents 8417442; 8755990; 9070287; 9411893) to deliver unique cloud-based management, features and functionality. TrafficCloud® is a registered trademark of All Traffic Solutions.

All Traffic Solutions products are made in the USA in compliance with both the Buy America Act and the Buy American Act. All Traffic Solutions is a BuyBoard vendor for the BuyBoard National Purchasing Cooperative. We can provide Sole Source documentation for any products connected to TrafficCloud. A complete list of purchase options can be found on our website. GSA contract number: GS-07F-6092R



**Mail Purchase
Orders to:**

3100 Research Dr.
State College, PA
16801

All Traffic Solutions Inc.
PO Box 221410
Chantilly, VA 20153
Phone: 814-237-9005
Fax: 814-237-9006
DUNS #: 001225114
Tax ID: 25-1887906
CAGE Code: 34FQ5

Contract:
Sourcewell 090122-ATS
Sourcewell Account #:
100970

QUOTE Q-100582

DATE: 08/13/2025

Section 3, ItemA.

**PAGE
NO: 1**

**Questions contact:
MANUFACTURER:
All Traffic Solutions**

John De Schepper
(571) 685-8478
x
jdeschepper@alltrafficsolutions.c
om

Independent Sales Rep:

BILL TO:

Lake Forest Park Police Department
17425 Ballinger Way NE
Lake Forest Park, WA 98155

Billing Contact:

SHIP TO:

Lake Forest Park Police Department
17425 Ballinger Way NE
Lake Forest Park, WA 98155
Attn: Amanda Johnson

PAYMENT

TERMS:

Net 30

CUSTOMER: Lake
Forest Park Police
Department

CONTACT:2064507740

ITEM NO:

DESCRIPTION:

QTY:

EACH:

**EXT.
PRICE:**

4000750	App, Mobile User Interface perpetual license (only 1 required per account—Bluetooth required, enabled separately)	1	\$100.00	\$100.00
4000745	SpeedAlert 24 Radar Message Sign (RMS); base unit (select mount separately)	4	\$9,777.72	\$39,110.88
4001299	3 Year Warranty	4	\$0.00	\$0.00
4001626	VZW communications prep	4	\$0.00	\$0.00
4000631	Bluetooth: allows wireless control from supported Bluetooth enabled devices (purchased separately)	4	\$420.24	\$1,680.96
4000519	Traffic Data Collection; stores vehicle statistics locally for later analysis	4	\$525.30	\$2,101.20
4002017	ATS-5 Trailer for IA/SA24 includes: 470Ah AGM Batteries & Trailer Certificate of Origin	4	\$6,150.00	\$24,600.00
4500142	Solar Controller 20A, up to 200W solar panel	4	\$210.00	\$840.00
4001413	Solar panel, 160W: includes bracket for ATS-5 trailer and harness; requires 20A solar controller	4	\$1,290.00	\$5,160.00
4001869	Trailer Speed Limit Sign Kit, ATS-5, 24" x 30" MUTCD sign, digits, hardware	4	\$528.36	\$2,113.44
4001889	Shipping and Handling	1	\$6,752.00	\$6,752.00
4001190	Discount - New Purchase	1	(\$8,658.14)	(\$8,658.14)

4000705

Sales Tax

1

\$7,601.43

\$ Section 3, ItemA.

Special Notes:

**SALES
AMOUNT:**

\$81,401.77

**TOTAL
USD:**

\$81,401.77

Duration: This quote is good for 60 days from date of issue.**Shipping Notes:** All shipments shall be FOB shipper. Shipping charges shall be additional unless listed on quote.**Taxes:** Taxes are not included in quote. Please provide a tax-exempt certificate or sales tax will be applied.**Warranty:** Unless otherwise indicated, all products have a one year warranty from date of sale. Warranty extensions are a component of some applications that are available at time of purchase. A Finance Charge of 1.5% per month will be applied to overdue balances. GSA GS-07F-6092R

I am authorized to commit my organization to this order. If your organization will be creating a purchase order for this order, please submit purchase order to either of the following: Email: sales@alltrafficsolutions.com or Physical Address: Listed at top of quote.

Signature: _____ Date: _____

Print Name: _____ Title: _____

Exhibit B
2025-2026 Budget Proviso List

Climate Coordinator

Given:

1. Residents have made significant public comment about the need for a city official to be responsible for meeting the city's environmental goals outlined in the recently accepted Climate Action Plan.
2. There is not a source of funding in the currently proposed budget for such a position.

Then the city resolves to fund such a position contingent on:

1. The City Council proposes and passes a utility tax on solid waste disposal.
2. Sufficient funds accrue in an account set up for the revenue from this tax to cover personnel and incidental costs.

Court Staff

Given:

1. Resulting from increased traffic speed cameras there is potential need for increased staffing in the Municipal Court.
2. The city's general fund cannot support additional personnel.

Then the city resolves to fund such position(s) contingent on:

1. - 0.5 additional staff (1,900 – 3,500 tickets per month).
 - 0.5 - 1.0 additional staff (3,501 – 5,000 tickets per month).
 - 0.5 – 1.0 additional staff (5,001 – 6,500 tickets per month)
2. Associated traffic speed camera revenues are sufficient to cover operational costs and requested staff.

PD Traffic Camera Reviewer

Given:

1. Resulting from increased traffic speed cameras there is potential need for increased staffing in the Police Department.
2. The city's general fund cannot support additional personnel.

Then the city resolves to fund such position contingent on:

1. -0.5 – 1.0 additional staff (5,001 – 6,500 tickets per month)
2. Associated traffic speed camera revenues are sufficient to cover operational costs and requested staff.
3. The Police Guild authorizes the use of civilian personnel for infraction review.