



MEMORANDUM

To: Mayor and City Council

From: Mike Carlson, Chief of Police

Date: February 9, 2026

Subject: Authorize Purchase of Vehicle Barricades

ACTION

Authorize the mayor, city manager, or designee to allow the purchase of vehicle barricades.

BACKGROUND/SUMMARY

I am requesting authorization to proceed with the purchase of vehicle-rated barricades in the amount of \$132,385.00 to enhance public safety at city-sponsored events and large gatherings.

These barricades are specifically designed to prevent unauthorized vehicle access into pedestrian areas and event perimeters. As the scale and frequency of special events continue to grow, so does the need for effective physical security measures that reduce risk to attendees, first responders, and city personnel.

The proposed barricades are reusable, rapidly deployable, and compatible with our existing security plans. The equipment will be maintained by the police department and deployed as needed in coordination with public works, parks and recreation and event organizers.

RECOMMENDATION

Staff recommend the City Council approve the purchase of the Modular Vehicle Barrier System.



Bringing Advanced Technologies to the Security World

January 20, 2026

Oliver Fladrich
Dunwoody PD (GA)
4800 Ashford Dunwoody Road
Dunwoody, GA 30338

Phone: 678-382-6901
Email: oliver.fladrich@dunwoodyga.gov

REFERENCE: Modular Vehicle Barrier MVB3X System - 48-Unit Trailer Package
System Number: AST3X-48/48-240206-40

Chief Fladrich,

Thank you very much for your interest in our SAFETY Act-designated MVB3X Modular Vehicle Barrier System. We are pleased to provide the specifications and pricing information related to the trailer system below. We sincerely appreciate your agency's positive interest in utilizing our certified system in protecting your events.



A. Mandatory Performance Based Specifications:

1. Must be US Department of Homeland Security Safety Act Designated.
2. Barrier System must be certified to ASTM-F2656-15, PAS 68 and IWA standards.
3. Barrier System must be modular and adaptable to any road width.
4. Multiple traffic lanes of continuous coverage must be able to be assembled without the use of cables or ball/hitch connections. Cables shall not be used in the modular vehicle barrier system.
5. Three points of connection via metal structure and pins are REQUIRED to connect the barriers to each other to ensure continuity in the barrier integrity and stopping capability.
6. The Barriers MUST be Safety Yellow in color for maximum visibility
7. A continuous section of barriers can create an operational gate to meet any road width, which shall be assembled and moved in one continuous line.
8. Gates may not be created with ropes, chains, or arrestor cable.

www.vehicle-barriers.com

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9. Open and close one lane by a single person in less than ten seconds
10. Multiple connected lanes of barriers can be moved at once.
11. One person to assemble, deploy and dismantle
12. Quick perimeter access in case of an emergency
13. The vehicle barrier must have an open structure design, with no solid metal/bullet resistant piece being more than 18" in width, as to not provide an active shooter cover and concealment.
14. The system must have an open structure design to minimize risk of ricochet or spall to personnel in the vicinity in an active shooter event.
15. Barriers cannot inhibit visibility of personnel to see adults and children who may be on either side of the barriers, therefore no barrier component may be 4 square ft.
16. Individual barrier units must fold for easy carrying and storage
17. No tools required for assembly
18. Zero maintenance

B. Modular Vehicle Barrier Product Specifications:

1. Barrier Units must be able to be deployed in increments of 2 feet or less to ensure it will fit any size roadway.
2. Each complete MVB3X unit must weigh less than 53 lbs.
3. Each unit dimensions: L~46.5", W~21", H~32".
4. Tools shall not be required. System is to be assembled with pins.
5. Barriers must have the ability to be folded for transportation.
6. MVB3X units must have the option to pivot and transition into an operational gate.
7. MVB3X units must have the option of slide wheels for lateral movement.
8. Barriers must be capable of quick deployment (less than a minute to deploy a single unit).
9. Barriers must be able to be deployed by one person.
10. Bottom edges of the barriers must be protected by aluminum covers (for pedestrian safety).
11. Barrier System shall have the ability to be deployed from the road and up to sidewalk in one continuous line.
12. MVB3X units shall have multi-terrain capability.
13. MVB3X units shall not require any maintenance.
14. Magnetic sequential lights shall attach to MVB3X units.

C. MVB3X Transport Trailer Specification:

1. The Trailer shall be made in the United States and comply with US DOT regulations
2. The Trailer must be NEW/unused
3. Trailer to include drip rails
4. Trailer can hold up to 48/60/72 MVB3X units + Pivots
5. 48-unit trailer will have 4 doors on each side / 60 unit trailer will have 5 doors on each side / 72 unit trailer will have 6 doors on each side

6. Trailer shall be 16/20 feet long
7. Trailer shall be 101.5" wide
8. Tandem axel
9. 10,000/14,000 lb hauling capacity
10. Electric brakes
11. LED lighting
12. 15,000 lb Safety chain
13. 2 5/16" hitch
14. Spare wheel + Tire ST225/75/R12 (6 Lug)
15. All containment steel shall be powder coated
16. MVB3X barriers can be loaded/stored from both sides
17. Each MVB3X unit has its own dedicated slot for safe transport
18. Each MVB3X is locked in place for transport with a secondary retainment system
19. Each MVB3X tray shall have UHMW
20. Unit shall have Stainless Steel latches & hinges
21. Zinc coated steel rivets
22. Zinc coated nuts & bolts
23. Dedicated space for pivot units
24. Each door has locks for safe storage. All keyed alike.
25. Single/double extra storage compartments shall be provided on the trailer (one in the front of the trailer and an additional unit in the back of the trailer). Each compartment shall be 24" tall x 35" deep x 96" wide.
26. Trailer shall black color

D. Pricing Information.

System Number	Description	Unit Price	Quantity	Extended
AST3X-48/48-240206-40	MVB3X 48-Unit Fully Loaded Trailer System	\$132,385	1	\$132,385
Freight	F.O.B. Destination	Included	1	Included
AST Services	On-site Equipment Training (Fee Waived)	Included	1	Included
			Total	\$132,385

Individual Trailer System Inventory – 48 Unit Trailer

Description	Quantity	Description	Quantity
Trailer with capacity for 48 MVB3X Units and accessories	1	Magnetic Sequential Lighting (10 pack)	4
MVB3X Units	48	Fixed Slide Wheels	2
Pivot Units	24	Rotating Slide Wheels	6
Large Storage/Shipping Box	3	Banner - Single Lane	0



48-Unit Trailer Package with four compartments on each side.

F. Notes:

1. Pivot units are only required for the purpose of using a section of MVB3X Units as an operational gate. MVB3X Sections not designated as operational gates do not require the use of pivot units.
2. The number of MVB3X Barriers, pivots, magnetic sequential lighting and slide wheels can be modified based upon your specific operational or budgetary requirements.
3. Slide wheels are used for the purposes of moving assembled sections of MVB3X laterally throughout an area of operation without requiring the end user to disassemble and reassemble the section.

G. Terms & Conditions:

1. F.O.B – Destination. Shipping has been included in the above price.
2. Taxes are not included. Any necessary taxes will be added to the invoice.
3. Delivery: 8-10 weeks ARO – Expedited delivery available for additional cost.
4. Payment terms: NET30
5. Prices are valid for 90 days.
6. Purchase of equipment is subject to Advanced Security Technologies LLC standard terms and conditions.

Please feel free to contact me should you require any additional information.

Sincerely,

Michael DonDiego

Michael DonDiego
Director of Business Development
Advanced Security Technologies LLC
Mobile: (732) 675-9000 | mdondiego@adsectec.com



Bringing Advanced Technologies to the Security World

January 12, 2026

Oliver Fladrich
Dunwoody Police Department
Email: Oliver.fladrich@dunwoodyga.gov
Tel: 670-382-30338

RE: Sole Source Letter

Chief Fladrich,

This letter hereby confirms that Advanced Security Technologies LLC (AST) is the sole source provider of the Mobile Vehicle Barrier System package, which includes the specialized transport trailer, modular vehicle barriers, pivot systems, packaging boxes and sequential lighting for units with Pivot system. No other company or entity provides all the components of the system.

The Unique characteristics of the MVB3X system are:

- One person to install and dismantle
- One minute for each section to be connected
- Transition into an operation gate for access control
- System can be used as an active gate
- Folds for easy carrying
- Easy to store
- No tools required
- Zero maintenance
- Designed for multi-terrain use
- Adaptable to any road width
- Mobile with AST dedicated trailers
- Assemble lighting system when events run into the night hours

AST supplies the Modular Vehicle Barrier System package throughout the United States. We look forward to supporting the Dunwoody Police Department in meeting its security needs.

If you have any additional questions, please do not hesitate to contact me at 917-561-1344.

Sincerely,

A handwritten signature in black ink, appearing to read "Yaron Getter", is written over a horizontal line.

Yaron Getter
Principal & Co-Founder
Advanced Security Technologies LLC