



Traffic Partner
Program

Traffic Partner Program 2026

ATS Traffic Saskatoon Branch

806C 43 Street E,
Saskatoon, SK S7K 3V1

T 306.242.4407

E SaskatoonSales@atstraffic.ca

ATS Traffic Regina Branch

410A Henderson Drive,
Regina, SK S4N 5W9

T 306.522.0511

E ReginaSales@atstraffic.ca





INTRODUCTION

ATS Traffic has been ensuring safer roads since 1966, and now we've used our vast experiences to develop the Traffic Partner Program. The Traffic Partner program enables ATS to take the customer experience to a far greater level. Through Consultation, Education, Collaboration, and Communication, we can ensure a safer experience for all of our visitors in motion.

As a member of the Traffic Partner Program, we will work together to ensure the safety and success of all of your projects.

FEATURES AND BENEFITS OF BEING AN ATS TRAFFIC PARTNER

- Access to 15,000+ Rental and Sale Products
- Custom Designed Traffic Management Plans
- ATS Traffic has been a Trusted Leader in Traffic Safety for over 58+ years
- Two locations to serve you in SK: 806C 43 Street E, Saskatoon and 410A Henderson Drive, Regina.
- Online Store with extensive customer support, custom digital store front and more!

Proud Platinum Standard Winner - Canada's Best Managed Companies

ATS Traffic is proud to partner with Canadian Companies

First Light Technologies - BC

- Carmanah Products - BC
- Dyna Engineering - BC
- Muzeen & Blyth-Wpg - MB
- Quarterhill Products - SK
- Shercom Industries - SK
- International Pipe-Selkirk - MB
- Ryerson - MB
- Ver-Mac - QC
- Metal Up - QC

As an organization, we are honoured by the 40+ year relationship with SARM and SUMA.

For more information or to find specific location contacts, please visit our website!



OUR EXPERIENCE

TRAFFIC MANAGEMENT & PARKING CONTROL

- Parks Canada, Lake Louise AB
- Trans-Canada Highway Paving
- Papal Visit to Canada
- Alberta Parks, Brooks AB
- Greenline Relocation, Calgary AB
- AHS COVID-19 Testing Stations
- Calagary Marathon
- Calgary Stampede
- Calgary Flames Games
- West Calgary Ring Road Relocation

YOUR TRUSTED WORK ZONE TEAM

As leaders in traffic safety, ATS Traffic delivers innovative traffic safety services that are fully customizable and scalable to suite your project. We have extensive experience in temporary traffic control management services for various large-scale projects and events across Canada, making us uniquely qualified to meet your project's needs.

ATS Traffic team of traffic safety service technicians are experienced and certified to deliver best-fit traffic control services and accommodation. Familiar with your local jurisdiction and regional regulations, our process is to deliver on time and error-free with the utmost care and attention to detail.

TRAFFIC SIGNAGE

Top 50 SK Transportation Signs					
Sign	Description	Sign Code	Sheeting Type	Width (cm)	Height (cm)
	Stop SKU: 11110004	RA-1	DG3	75	75
	Stop SKU: 11110009	RA-1	HIP	60	60
	Stop SKU: 11110010	RA-1	HIP	75	75
	3-Way Tab SKU: 18136015	RA-1T3	HIP	45	22.5
	4-Way Tab SKU: 18110107	RA-1T4	HIP	45	22.5
	Yield SKU: 11110024	RA-2	HIP	75	60
	Yield SKU: 11110030	RA-2	HIP	75	60
	Maximum (Content Variable)	RB-1	DG3	60	75
	Maximum (Content Variable)	RB-1	HIP	60	75
	Maximum Speed Ahead (Content Variable)	RB-5	DG3	60	75
	Maximum Speed Ahead (Content Variable)	RB-5	HIP	60	75
	One Way SKU: 11110092	RB-21	HIP	90	30
	Do Not Enter SKU: 11110112	RB-23	HIP	60	60
	Do Not Pass (Prohibited) SKU: 11110141	RB-31	HIP	60	60

Top 50 SK Transportation Signs

Sign	Description	Sign Code	Sheeting Type	Width (cm)	Height (cm)
	Passing Permitted SKU: 11110146	RB-32	HIP	60	60
	No Parking (Specify Arrows) SKU: 11110195	RB-51	HIP	30	30
	No Parking (Specify Arrows) SKU: 11110196	RB-51	HIP	60	60
	No Parking (Content Variable)	RB-52	HIP	30	45
	Parking Permitted (Content Variable)	RB-53	HIP	30	45
	Truck Route SKU: 11110213	RB-61	HIP	60	60
	Truck Prohibited SKU: 11110220	RB-62	HIP	60	60
	Weight Limit Control SKU: 18110475	RB-63	HIP	60	60
	No Parking Disabled Only SKU: 11110324	RB-71	HIP	30	45
	Checkerboard - Solid SKU: 11120156	WA-8	HIP	75	75
	Checkerboard - Double Arrow SKU: 11120164	WA-8B	HIP	75	75
	Checkerboard - Left or Right Arrow SKU: 11120164	WA-8R/L	HIP	75	75
	Bump SKU: 14110976	WA-22	HIP	60	60
	Hazard Marker - Object on Left SKU: 11120114	WA-36L	HIP	30	90
	Hazard Marker - Object on Right SKU: 11120118	WA-36R	HIP	30	90

Top 50 SK Transportation Signs					
Sign	Description	Sign Code	Sheeting Type	Width (cm)	Height (cm)
	Object Marker SKU: 11120111	WA-36	HIP	45	90
	Speed Bump SKU: 11120483	WA-50	HIP	45	45
	School Ahead SKU: 11120301	WC-1	DG3	60	60
	Playground Ahead SKU: 11120259	WC-3	HIP	60	60
	Men Working / Road Work SKU: 11120682	WD-A41	HIP	75	75
	Flag Person Ahead SKU: 18120694	WD-A45	HIP	75	75
	Truck Entrance SKU Right: 11120711 SKU Left: 11120706	WD-A48R/L	HIP	75	75
	Begin Detour SKU: 18120647	CS-1	HIP	75	75
	Barricade Board SKU Right: 18120503 SKU Left: 18120503	CS-12R/L	HIP	240	24
	Barricade Legs (Pair) SKU: 23130016	CS-13	n/a	-	-
	Construction Ends (Work Zone Ends) SKU: 18121014	CS-14	HIP	75	75
	End of Work Area SKU: 18120507	CS-16	HIP	60	75
	Consturction Begin (Work Zone Ahead) SKU: 11120554	CS-33	HIP	75	75
	No Trespassing SKU: 18311005	SI-4	HIP	60	60
	Private Property No Trespassing SKU: 18311019	SI-28	HIP	60	60

Top 50 SK Transportation Signs

Sign	Description	Sign Code	Sheeting Type	Width (cm)	Height (cm)
	Rural Crime Watch SKU: 18311020	SI-29	HIP	90	60
	Slow Watch for Children SKU: 18311024	SI-33	HIP	60	60
	Road Closed Local Traffic Only SKU: 19120770	MC-9	HIP	120	75
	Road Closed SKU Yellow: 18311030 SKU Orange: 18311029 SKU White: 18311028	SM-05	HIP	60	60
	Slow SKU: 18311038	SM-20	HIP	60	60
	No Exit SKU: 18311045	SI-53	HIP	45	45
	No Through Road SKU: 18311046	SI-54	HIP	60	60
	Caution SKU: 18311048	SI-200	HIP	60	60

*NOTES

1. Traffic Partner Pricing - SARM Signs 2019 applies to all standard Saskatchewan Transportation 0.81" (2mm) flat sheet aluminum (AL1) and is effective until December 31, 2019.
2. ATS is an authorized 3M sign fabricator and carries all applicable reflective sheeting warranties.
3. ATS is a proud member of the Saskatchewan Association of Rural Municipalities.
4. HIP = High Intensity Prismatic Reflective Sheeting.
5. DG3 = 3M Diamond Grade Cubed Reflective Sheeting.

SIGN WARRANTY

A sign warranty against any abnormal deterioration of performance i.e. fading will apply to any ATS manufactured sign the warranty value of which will be calculated on a prorated life basis as indicated in the chart here. Excludes fluorescent diamond – grade.

Sheeting	Warranty Life
HIP	10 Years
DG3	10 Years

CIVIC ADDRESS SIGNS

Civic Addressing is a standardized system that identifies and locates properties. They establish an access point on your property. Civic signs benefit emergency responders in getting to your location promptly, as well as helps service and delivery businesses.

ATS Traffic is able to provide your Municipality with artwork proofs and competitive quote prices for your Civic Addressing signs. Contact us for a quote today.



We suggest our
6' U Channel
posts for all
Civic Address
signs to be
installed on



Sign Specifications

In accordance with SARM's Civic Address Sign Policy

45x25cm

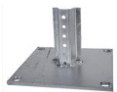
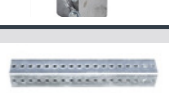
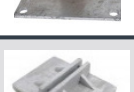
Double sided with 3/8" holes

5.5" Swiss 924BT text

White text on blue sheeting

3M™ High Intensity Prismatic

SIGN HARDWARE

Product	Description	Width (Inches)	Height (Inches)
	U Channel Post Top Mount Bracket 180° & 90° SKU 180: 22130051 SKU 90: 22130052	5	n/a
	Lap Splice Breakaway (U Channel) SKU: 22120013	n/a	n/a
	U Channel Base Plat - 8x8 Plate w/ U Channel Stub SKU: 21120130	8	8
	Round Post Top Mount Bracket SKU: 22130041	5	2 3/8
	Centre Mount Bracket (Round) - Pair SKU: 22130065	2 3/8	n/a
	Round Quick Fix Coupler SKU: 22110001	2 3/8	2 3/8
	Round Base Plate - 8x8 Plate w/ Round Stub (2 3/8") SKU: 21120120	8	8
	Square Post Top Mount Bracket SKU: 22130066	5	2
	Square Quick Fix Coupler SKU: 22110005	2 1/4	1 3/4
	Square Bracket Sleeve SKU: 21110108	18	2 1/4
	Square Base Plate - 8x8 Plate w/ Square Stub (2") SKU: 21120150	8	8
	Wood Post Top Mount Bracket SKU: 22130064	4	4
	Crossover Top Mount Bracket SKU: 22130031	5	n/a

SIGN HARDWARE

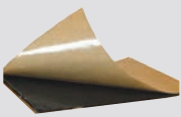
U Channel Posts		
Description	Length (Feet)	SKU
Base Post (1" Hole Spacing)	48 in.	21110005
Post c/w Mounting Hardware (1" Hole Spacing)	6	21110007
Post c/w Mounting Hardware (1" Hole Spacing)	8	21110017
Post c/w Mounting Hardware (1" Hole Spacing)	9	21110027
Post c/w Mounting Hardware (1" Hole Spacing)	10	21110028
Post c/w Mounting Hardware (1" Hole Spacing)	12	21110029
Pipeline Post (1" Spacing)	7	21110035
Pipeline Post (1" Spacing)	8	21110036
Round Post (2 3/8")		
	12	21110313
Square Post (2")		
	10	21110105
	12	21110106



ASSORTED PRODUCTS

Product	Description	Sheeting	Width (Inches)	Height (Inches)
	Looper Post SKU: 32110072	HIP	n/a	42
	11 lb. Rubber Delineator Base SKU: 32110044	-	-	-
	28" Cone w/ 7 lb. Base SKU: 32110523	HIP	-	28
	AMP Channelizer Drum SKU: 32110297	HIP	2	4
	20 lb. Black Traffic Barrel Base SKU: 32110721	-	-	-
	Windmaster Sign Stand SKU: 23120020	-	-	-
	Compact Sign Stand SKU: 23120000	-	-	-
	White Delineator Post w/ Black Top SKU: 32120038	-	-	-
	4" Orange Strip for Water Marker Posts (2 Required) SKU: 12115230	DG3	-	66
	1-12" Orange DG Band SKU: 12115231	DG3	-	4
	1-8" White HIP Band SKU: 12115232	HIP	-	12

ASSORTED PRODUCTS

Product	Description	Sheeting	Width (Inches)	Height (Inches)
	FH-60 Orange Hydrant Marker & 2" Orange Reflective Band SKU: 62110030	HIP	-	60
	Hydrant Marker Post Strip SKU: 12115230	HIP	2	-
	L Bracket, Galvanized w/ 2 Hole SKU: 32120015	-	-	-
	FG300 PE Cloverleaf Channelizer SKU: 32120266	-	-	36
	Cloverleaf Base SKU: 32120264	-	-	-
	Butyl Pad SKU: 32120141	-	8	8

PEXCO | BIKE BOLLARD



Specifications

Color: White (standard), with options for custom colors on large orders

Tape Configurations: Available to meet various local requirements

Dimension: 3" in diameter, customizable length between 18" and 36"

CAD Availability: Yes

Testing: Tested at TTI for 45MPH to 50 impacts with no failures

Beauty, Performance and Value. The Perfect Urban Channelizer.

The Pexco Bike Bollard (BB) is designed for urban environments where the speed and the flexibility of post removal is key. Perfect for managing bike lanes and left-turn restrictions in areas with speed limits under 45 MPH, the BB stands as the ideal solution for urban area traffic management.

A sleek, cylindrical channelizer post made of polyethylene, standing 3" in diameter with customizable lengths up to 36 inches. Unlike others, the BB utilizes a unique embedded anchor cup design for installation, setting a new standard in urban traffic management solutions.



CONTACT OUR TEAM TO LEARN MORE
E info@atstraffic.ca
T 800.661.7346



PEXCO | BIKE BOLLARD



FEATURES



EASE OF INSTALLATION

Utilizes a smaller anchor compatible with SDS Max drills, simplifying installation without special tools.



AMERICAN CRAFTSMANSHIP

Proudly 100% made in the USA, supporting local manufacturing.



ENHANCED VISIBILITY

The 3" diameter post ensures better visibility for safer urban spaces.



URBAN DESIGN

Specifically designed for areas with speed limits below 45 MPH, enhancing urban traffic flow and safety.



MINIMIZED EPOXY

Designed to reduce the amount of expensive epoxy used, stretching your budget even further.



SPEED OF REPLACEMENT

Spin out design makes replacement quick and easy.

3 in.



Available
in lengths
between
18" and 36"

CUSTOMER BENEFITS

Cost-Effective: Helps improve performance at a lower cost, making it an economical choice for urban development.

City Post Aesthetic: While resembling the City Post, it is available at a more budget friendly price.

Maintenance-Minimized: Designed for durability and resilience, requiring minimal maintenance and helping to ensure long-term performance.

CONTACT OUR TEAM TO LEARN MORE

E info@atstraffic.ca

T 800.661.7346





DAVIDSON TRAFFIC CONTROL PRODUCTS

FTSTR, TSM, FTGM DELINEATORS

FLAT TOP STAR, TUBULAR SURFACE MOUNT AND FLAT TOP GROUND MOUNT DELINEATORS



TUBULAR
SURFACE
MOUNT



WHY STAR VS THE CURRENT ROUND HINGE:

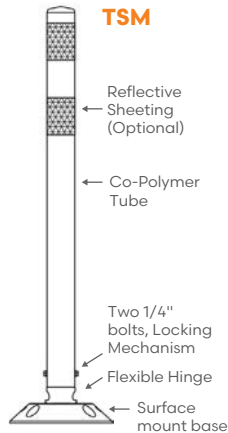
	ROUND / ROUND (CURRENT)	ROUND / STAR (NEW)
NTPEP Style Testing	Complete - PASSED	Complete - PASSED
Steel Anchor	Round is proprietary	PSST 2" Steel - Very Common
Supply of Anchor	Limited	Readily Available - Multiple sources
Installation of Anchor	LABOR INTENSIVE - Dig Hole, insert anchor, backfill	EASY - Multiple pneumatic drive systems available

A VALUE DELINEATOR THAT ACES 10-IMPACT, 55 MPH TESTING

TUBULAR SURFACE MOUNT (TSM) AND FLAT TOP SURFACE MOUNT (FTSM)

The TSM series are general-purpose delineator products, designed and built to meet MUTCD standards and easily pass the Standard NTPEP Test protocol. Ideal for use in cities, parking structures or other areas where roadway safety hazards exist.

The post is 2" diameter, with multiple lengths and colors available.



KEY FEATURES

- Meets MUTCD standards
- 360° visibility on the TSM
- 180° flat visibility on the FTSM
- All plastic construction
- NTPEP protocol tested, NCHRP 350 and MASH-16 compliant
- 8" Round High-Impact black plastic base
- New Improved locking Pin

Standard Colors:

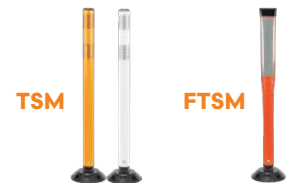
White, Yellow and Orange. Special order colors available with minimum order

Standard Lengths:

36" or 48" tall

Reflective Tape:

Any standard flexible tape from the major manufacturers.



FLAT TOP GROUND MOUNT (FTGM) OR STAR GROUND MOUNT (FTSTR)

The FTGM or FTSTR are general-purpose delineators, designed and built to meet MUTCD standards and meet Standard NTPEP Test protocol.

This is a perfect delineator for use on roadway shoulders. Steel anchor provides a reusable anchor point in the event replacement is needed.

The post is 2" Diameter post, sold in multiple color and tape configurations.



KEY FEATURES

- Meets MUTCD standards
- 180° flat visibility on the FTSM
- All plastic construction
- NTPEP protocol tested, NCHRP 350 and MASH-16 compliant
- 12", 18" or 24" anchors are available
- Easy install and replacement

Standard Colors:

White, Yellow and Orange. Special order colors available with minimum order

Standard Lengths:

48" tall

Reflective Tape:

Any standard flexible tape from the major manufacturers.

	ORANGE	WHITE	YELLOW
Tubular Surface Mount	TSM36O or TSM48O	TSM36W or TSM48W	TSM36Y or TSM48Y
Flat Top Tubular Surface Mount	FTSM36O or FTSM48O	FTSM36W or FTSTR48W	FTSM36Y or FTSM48Y
Flat Top Ground Mount	FTGM48O or FTSTR48O	FTGM48OW or FTSTR48W	FTGM48Y or FTSTR48Y



Pexco is a leading manufacturer of recycled traffic control products

CONTACT OUR TEAM TO LEARN MORE

E info@atstraffic.ca

T 800.661.7346





FTSTR **DELINEATORS**

FLAT TOP STAR GROUND MOUNT DELINEATORS



The FTSTR series are general-purpose delineators made from weather resistant **polypropylene**, designed and built to meet MUTCD standards and meet Standard NTPEP Test protocol. This is a perfect delineator for use on roadway shoulders.



PEXCO

FTSTR DELINEATORS

The FTSTR series are general-purpose delineators made from weather resistant polypropylene, designed and built to meet MUTCD standards and meet Standard NTPEP Test protocol. This is a perfect delineator for use on roadway shoulders. Steel anchor provides a reusable anchor point in the event replacement is needed. The post is 2.25" in diameter, sold as a complete kit consisting of the delineator, hinge, and steel anchor. No "special tools" are needed to install. The star hinge is an original Pexco design and is compatible with the square tubing being implemented in roadways by many DOTs around the USA. These pertinent details are what make the FTSTR the most efficient choice for your application.



Telspar Anchor



**Star Hinge,
face profile**



**Star Hinge,
full profile**

Flat Top Star Ground Mount

Orange	White	Yellow
FTSTR48O	FTSTR48W	FTSTR48Y

An original Pexco design
compatible with the square
tubing being implemented
in modern roadways by
many USA Departments
of Transportation.

KEY FEATURES

- Meets MUTCD standards
- 180° flat visibility on the FTSTR
- All plastic construction
- NTPEP protocol tested and MASH-16 compliant
- 12" or 18" Telspar 2" anchor for easy installation, anchor is a commodity item
- Easy install and replacement

Standard Colors

- White, Yellow, and Orange
- Special Order Colors
— with minimum order

Standard Lengths

- 48" tall, 54" tall for WV and ME

Reflective Tape

- Any standard flexible tape from the major manufacturers. Tape configurations are separate line items added to the delineator pricing.

CONTACT OUR TEAM TO LEARN MORE
E info@atstraffic.ca
T 800.661.7346



Tuff Curb[®] XLP

TRAFFIC SAFETY

SPEC SHEET

P/N **TCX**

Available in the following colors:



Product Specifications

Socket Type	Quarter Turn
Material	Injection-molded plastic (single piece)
Dimensions	40" x 8" x 2"; 6.5 lbs.
Hardware	Single galvanized keeper pin
Curb Color	White, yellow, green (integral colorization)
Reflectors	Curved glass-element (45° reflectivity)
Standard Reflector Ordering Options	White - White or white/red reflector combination, Yellow - Yellow reflectors, Green - White or white/red reflector combination
Compatibility	MP2, OmegaPost, Tuff Post (TP4 only)

Recommended Uses

Ideal for use for demanding high speed applications as well as city streets, bridges, and parking decks, bike lanes

Use with Impact Recovery posts or signs attached

4955 Stout Drive, San Antonio, TX 78219

(210) 736-4477 | 1-800-736-5256 | info@impactrecovery.com

impactrecovery.com

August 2025



©2025 Impact Recovery Systems, Inc.® All rights reserved. Impact Recovery Systems, OneBase, and Tuff Curb are registered trademarks of Impact Recovery Systems, Inc.® SlowStop® is a registered trademark of SlowStop Guarding Systems, LLC.®

The products mentioned in this document are covered by the following U.S. and international patent numbers: 7,195,422 | 7,621,691 | D937,700 | D620,823 | D620,824 | D620,825 | EP 2 267 225 | EP 2 888 412 | 9,938,677 | 11,136,735 | D932,875. Other U.S. and International patents pending.

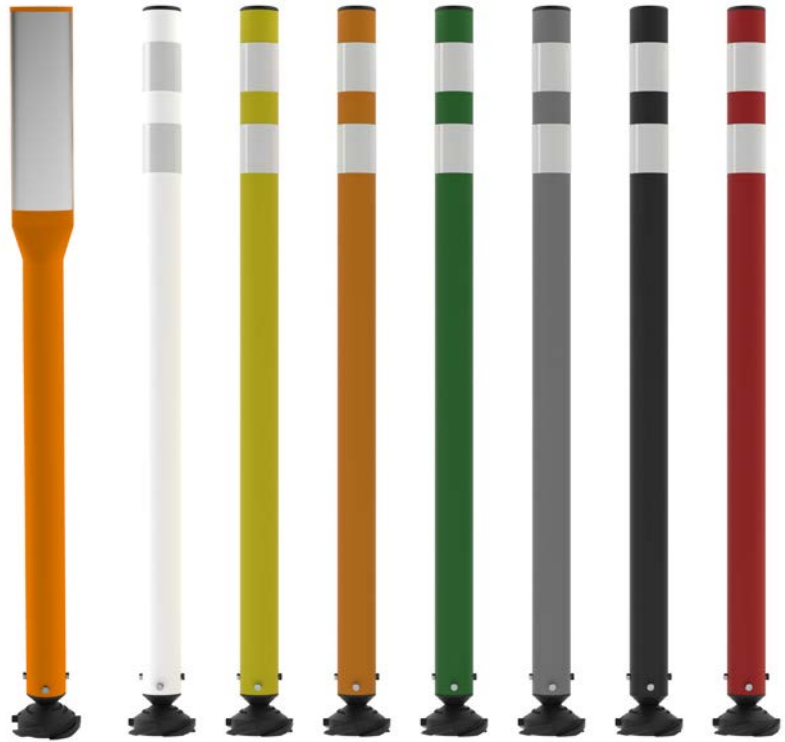
MP2 Post

TRAFFIC SAFETY

SPEC SHEET

P/N **MP2**

Available in the following colors:



Product Specifications

Diameter	2.375"
Height	28", 36", 42", 48"
Post	Plastic
Color	White, yellow, orange, green, gray, black, red
Reflective Sheeting	Type IV, Type VIII
Reflective Sheeting Color	White, orange, yellow, red, green, blue
Post Top	Open Top, Capped, Long-Squeeze
Spring Type	Drivable, Quarter Turn
Compatibility	Surface Mount Quarter Turn Base, Drivable Base, Tuff Curb, Tuff Curb XLP

Recommended Uses

Ideal when increased visibility and channelization is needed

Use for indicating alignment in roadway, atop Tuff Curb® systems, in parking garages and in parking lots

Turn restrictions

Entrance and exit ramps

Bike lanes

4955 Stout Drive, San Antonio, TX 78219

(210) 736-4477 | 1-800-736-5256 | info@impactrecovery.com

impactrecovery.com

August 2025

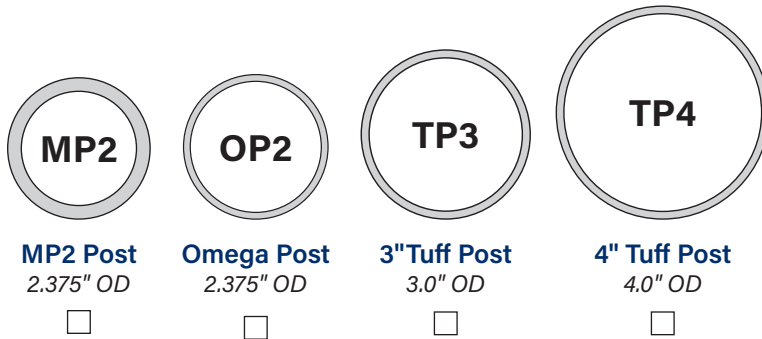


©2025 Impact Recovery Systems, Inc.® All rights reserved. Impact Recovery Systems, OneBase, and Tuff Curb are registered trademarks of Impact Recovery Systems, Inc.® SlowStop® is a registered trademark of SlowStop Guarding Systems, LLC.®

The products mentioned in this document are covered by the following U.S. and international patent numbers: 7,195,422 | 7,621,691 | D937,700 | D620,823 | D620,824 | D620,825 | EP 2 267 225 | EP 2 888 412 | 9,938,677 | 11,136,735 | D932,875. Other U.S. and International patents pending.

Post Selection Check Sheet

Post Type

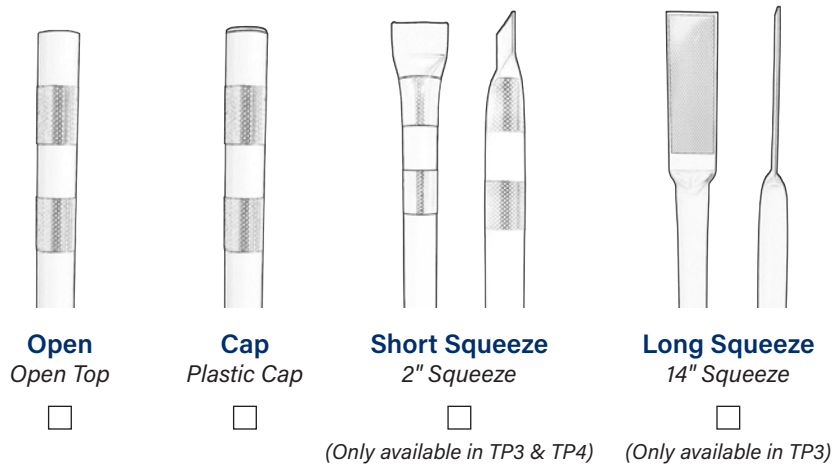


Post Height ☐ 28" ☐ 36" ☐ 42" ☐ 48"
(OP2 available up to 42")

Post Color

MP2	OP2	TP3	TP4
☐ White	☐ White	☐ White	☐ White
☐ Yellow	☐ Yellow	☐ Yellow	☐ Yellow
☐ Orange	☐ Orange	X	X
☐ Gray	X	X	X
☐ Green	X	X	X
☐ Red	X	X	X
☐ Black	☐ Black	X	X

Post Top



Sheeting

Sheeting Color

MP2/TP3/TP4	OP2
☐ White	☐ White
☐ Yellow	☐ Yellow
☐ Orange	☐ Orange
☐ Blue	X
☐ Green	☐ Green
☐ Red	☐ Red

Sheeting Quantity

- ☐ Single (Standard for long squeeze)
☐ Double (Standard for banded posts)
☐ Other _____

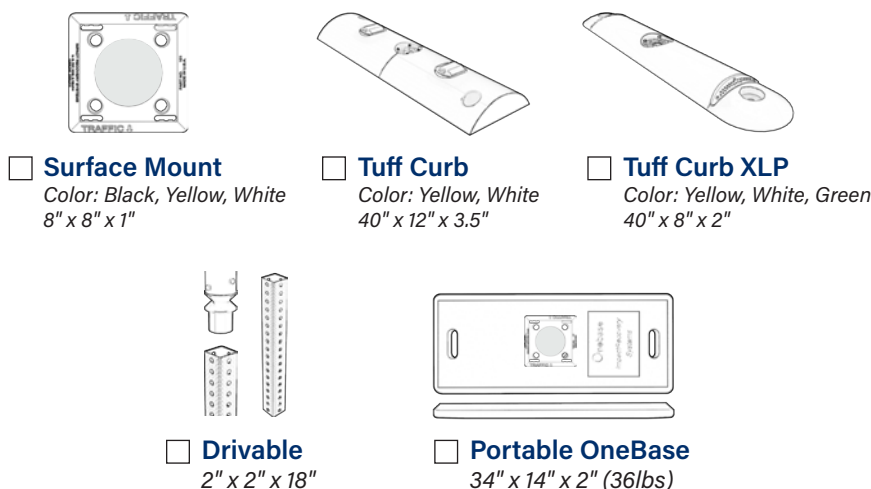
Sheeting Options

Sizes/Bands: _____

Spring Type

- ☐ Quarter Turn ☐ Quick Release
☐ Fixed ☐ Drivable (in-ground)

Base



Installation Materials (Base)

- ☐ **Anchors**
☐ Multi-Purpose Sleeve Anchors
☐ Concrete Screw Anchors
☐ **Two-Part Epoxy**
 (Surface mount bases & XLP only)

Notes

OPTRAFFIC's series of electronic safety devices integrate cutting-edge technology, first-class design, excellent quality, powerful functions, maximum visibility, and long lifespan- all for an unmatched price.

TRAFFIC MESSAGE BOARDS - TRAILER MOUNTED

The OPTRAFFIC Portable Traffic Message Sign offers maximum visibility for text, symbols, and graphics. Featuring advanced technology and a full-matrix design, it's ideal for traffic control, public events, construction, mining, and highway work.



VMS-200



VMS-300



VMS-400



VMS-400-3S



VMS-500-3S



VMS-700 (MTO)



Easily map device locations & view messaging



View and edit device schedules

ONLINE DASHBOARD

The OPTRAFFIC online dashboard allows admins to easily track, manage, and edit message boards.

ARROW BOARDS (TRAILER & VEHICLE MOUNTED)

OPTRAFFIC® arrow boards feature solar power and bright, multi-mode LEDs for energy-efficient, long-lasting, and highly visible performance—perfect for traffic, construction, mining, and utility work zones.



TMAB-C25CAM



TMAB-C17A (MTO)



VMAB-25

HYBRID LED LIGHT TOWER SOLAR & GAS-POWERED

Hybrid LED Light Tower Trailers feature cutting-edge LED technology and utilize an internal hybrid system, harnessing both solar/battery energy and an eco-friendly gasoline powered (85 octane) charging system.





SIGN MANUFACTURING

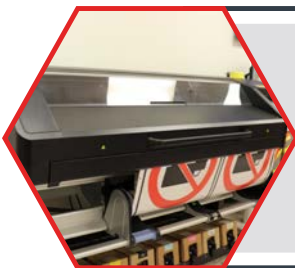
As a 3M™ Authorized Fabricator and Certified Digital Fabricator, ATS Traffic has been an industry leader in sign production for decades. By employing lean methodology principles alongside advanced technology and a steadfast commitment to waste reduction, we deliver top-quality signage to our customers across North America. Our state-of-the-art, 120,000 ft² manufacturing facility in Edmonton produces approximately 1,000 signs a day, ensuring efficiency and quality.

TYPES OF SIGNAGE

- Regulatory & Parking
- Construction & Warning
- Information & Guide
- Specialty & Branded
- Street Name Blades & Rural Addresses
- Foamcore Monuments
- Wayfinding
- Bases, Mounts, Posts, Hardware & Inserts



Authorized Fabricator
Certified Digital Fabricator



State-of-the-art production printers and equipment are integrated with our advanced workflow, proven to improve efficiency and the customer experience.



Our quality management applications enable us to implement a lean process for order fulfillment and delivery.

Using only the highest quality, responsibly sourced materials, ATS Traffic guarantees top standards and performance for every sign.



Our durable, warranty-protected sign products are proven to withstand harsh weather conditions.





EQUIPMENT RENTALS

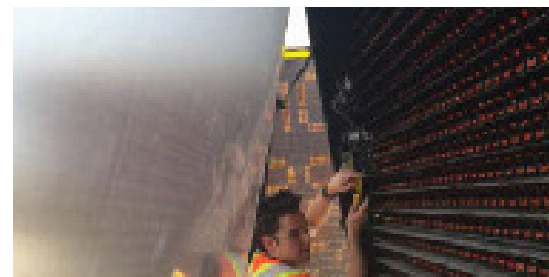
DELIVERY OF RENTAL EQUIPMENT

We provide delivery service for all of our traffic control construction equipment and signage rentals. When the order is ready, we can either contact your courier or arrange one for you. We offer same- or next-day delivery in major cities and 3–5 days if you're in a very remote area. With a trucking fleet at our disposal, our On-Street Services division can also deploy the equipment for you. Our crews bring the equipment to site, set it up, and take it down when the event or project is over.



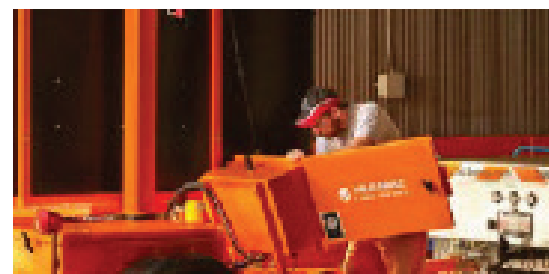
RENTAL EQUIPMENT REPAIRS

As part of our service agreement, we repair all the equipment we rent. Don't be afraid to take advantage of it: it's always better to repair something before it breaks and leaves you in a bind. If your equipment ever does break down, we have locations across Canada and our closest branch can quickly handle the repair.



RENTAL EQUIPMENT REPAIRS

We take pride in our equipment looking good. That's why we spend every winter refurbishing our entire rental fleet, so everything looks brand-new when it goes out again in the Spring. We have the highest-quality equipment (for sale and rent) and a broader range of road signs, crash attenuation, barricades and many more traffic safety products and equipment than any other company on the road.





INSTALLATION SERVICES

We have the expertise and scalability to tackle any project. At ATS Traffic, we have certified local teams of Installation Technicians that ensure TAC/regional specifications are met, project timelines are honoured, and the highest safety standards are exhibited. Our team is experienced in the installation of all the high-quality road safety and infrastructure products we carry. We also know signage well, and we do everything from manufacturing the sign, to assembling the structure, to installing it in the ground. Our experienced Project Management and Estimating team offers quality support and knowledge, ensuring that the potential of your project is maximized and well-organized.



COMMUNITY

ATS Traffic installations can improve the safety, presentation and functionality of community spaces with illumination, crosswalk beacons, and more.



COMMERCIAL

ATS Traffic can identify & install commercial property solutions including parking, signage, wayfinding, security, and more.



INFRASTRUCTURE

Our infrastructure solutions include guardrail and barrier options, along with asphalt repair, road line painting, pile driving, highway sign setup, and work zone projects.

SIGNAGE

We can install small, medium, and large roadside signs, parking lot signage, and wood signs. Our team have experience installing a wide variety of support infrastructure including piles and fasteners for cantilever structures and large overhead spans (such as highway road signage).



PERMANENT BARRIERS & END TREATMENTS

Permanent barriers are installed on shoulders and medians to redirect vehicles in a collision. Because they're intended to be permanent, these will last years before needing to be replaced. Our team installs W-Beam and Thrie Beam which meet MASH TL-3, high-tension cable barriers, and impact-resistant crash-tested end treatments.



PEDESTRIAN SAFETY

Our remotely programmable crosswalk and school zone beacons collect and monitor data while enhancing pedestrian safety. Solar powered bollards and lamps can offer self-contained, sustainable illumination to low-light areas.



PAVEMENT & PARKING LOT MARKINGS

Expertly applied road and parking lot markings, suitable for high traffic areas and tested in all climates.



SHORING



R



Single Wall Trench Shield

Single Wall Trench Shields (SWTS) provide a lightweight adaptable shoring solution for trench depths of up to 12' in C-60 soils. Single Wall Trench Shields are professionally engineered to have a large open working area. These shields come in 2'- and 4'-high sections that are stackable. They can be easily transported in a pick-up truck or van. They are light enough to be assembled by hand and moved by a mini excavator or backhoe. This makes them a great choice for even the tightest jobsite conditions.

With options such as legs kits, wheel kits, stacking kits, and end shore panels, the Single Wall Trench Shield can be used for almost any small tie-in or service. They can be assembled with adjustable aluminum spreaders or the pneumatic shoring struts, giving the option of having an even more versatile fleet.

R



Pneumatic Multi-Shoring System

The Multi-Shoring System is the quickest and safest way of shoring trenches with existing utilities and crossings. It can be lowered in as a complete unit, and when multiple sets are used in a trench, it is easy to remove the trailing set and move it to the front for uninterrupted production. The system is made up of spot-rail pads and Finn Form panels and used with standard-series shoring struts. Unlike standard sheets of plywood, the Finn Form panels will not swell when exposed to water or muddy jobsite conditions. This system is stronger, more durable, and capable of far greater depths than the conventional 2" x 10" plank uprights and plywood.

Available in 4' width by 6', 8', 10' & 12' heights.

R

All products marked with the "R" label are also available for rent



SmartLinX Micro-Sensing Platform (SLX)

Smart City Micro-Sensing Solutions for today and tomorrow

SmartLinX micro-sensors are an innovative technology that can easily launch a smart city with low cost and low risk on existing public streetlights that have a NEMA receptacle. The micro-sensors allow for tool-less installation of various smart city sensors such as speed, air quality, noise, traffic, and other smart city/grid solutions. The SmartLinX solution can provide video surveillance, real-time speed enforcement and roadway safety programming, high accuracy counting and classifications of bicycles, pedestrians, and vehicles at a mid-block street location; increased energy efficiency from optimized public lighting schedules; and overall improved city planning wherever public streetlights are located.

Benefits

- Durability
- Compact size
- Installation is under two minutes
- Privacy-friendly
- Site selection support
- Automated reports
- Support and lifetime warranty
- Affordable video surveillance wherever public streetlights are located



Features

- **Speed Mapping** - Continuous. Eliminates the need to roll assets to collect speed data. Creates data-based public safety initiatives, and generates reports
- **Traffic Flow Analysis** - Provides 24/7 measurement of traffic flow/speed. Long-term traffic trend analysis
- **Acoustic Sensing** - The sensor can collect acoustic data and report results based on a threshold basis
- **Pollution Sensing** - The sensor can collect data for NO2, SO2, O3, PM2.5, and others

SMART CITY MICRO-SENSORS

INCLUDED

- Hardware base cellular controller
- Hardware smart city micro sensor
- Hardware replacement air quality & noise micro sensors
- Cellular data, based on standard user profile
- Software access to SmartLinx CMS software
- Software access to template reports
- Support site selection
- Support installation training
- Support SmartLinx CMS software training

NOT INCLUDED

- Installation or replacement of hardware
- Customized reports (available with additional charge)
- Advanced analytics & data analysis (available with additional charge)
- Managed services (available with additional charge)

HARDWARE PRICE PER UNIT - ONE TIME FEE

RADAR	PM2.5	AQ	NOISE	CAMERA
\$532.00	\$954.00	\$569.00	\$569.00	\$1,995.00

Minimum 1 year service package is required for every hardware purchase (per unit)

SERVICE PRICE - RECURRING FEE

1 YEAR SERVICE - PER UNIT

RADAR	PM2.5	AQ	NOISE	CAMERA
\$308.00	\$918.00	\$419.00	\$419.00	\$778.00

3 YEAR SERVICE - PER UNIT

RADAR	PM2.5	AQ	NOISE	CAMERA
\$281.00	\$835.00	\$381.00	\$381.00	\$708.00

5 YEAR SERVICE - PER UNIT

RADAR	PM2.5	AQ	NOISE	CAMERA
\$257.00	\$766.00	\$349.00	\$349.00	\$649.00

ALL-IN PRICE - HARDWARE & SERVICE

1 YEAR SERVICE - PER UNIT

RADAR	PM2.5	AQ	NOISE	CAMERA
\$840.00	\$1,872.00	\$988.00	\$988.00	\$2,773.00

3 YEAR SERVICE - PER UNIT

RADAR	PM2.5	AQ	NOISE	CAMERA
\$1,375.00	\$3,459.00	\$1,712.00	\$1,712.00	\$4,119.00

5 YEAR SERVICE - PER UNIT

RADAR	PM2.5	AQ	NOISE	CAMERA
\$1,817.00	\$4,784.00	\$2,314.00	\$2,314.00	\$5,240.00

Contact us today for more information

T 800.661.7346 E info@atstraffic.ca

atstraffic.ca | Since 1966

I-SAFE 1 SL



Variable Message Sign (VMS) with alternating speed and text/images



The I-SAFE 1 sign links the speed information (green, orange or red displayed depending on driver's behavior) to a 768 LED matrix on which you can display personalized pictograms.

With its internal radar and removable battery, the I-SAFE 1 is mobile and easy to use. It can also be powered using a solar power kit or AC power.

Benefits

- Compact
- Light
- Predefined settings
- Calendar function (up to 4 periods/day)

User-Friendly

- Comprehensive software for data analysis
- Full standard kit including the fastening system

Multi-Purpose

- 1 product = 4 power possibilities (battery, solar, public lighting, mains power)
- Possibility to display 2 pictograms successively for one measure
- Anti-speeding record function
- Fully customizable settings

Features

- Vehicle activated traffic calming
- Amber LED or 3-LED display colours (green, orange, red)
- Personalized pictograms (or short messages)
- Set up using PC software and USB flash drive



HOUSTON RADAR

ARMADILLO TRACKER

Armadillo Tracker™ is a fully integrated multi-lane bidirectional traffic data gathering device. Featuring small size, no hassle field setup, non-intrusive sensing technology and long range wireless connectivity Armadillo Tracker ensures operational safety during installation and data retrieval.

FEATURES

- Patent pending true dual beam “speed trap” technology inherently provides accurate measurements without the need for in situ calibration.
- World’s lowest power usage highly integrated multi-lane traffic measurement radar. At 0.85 Watts SpeedLane requires 10X less power than competing products.
- FCC and CE listed for full 250MHz operation to suit variety of application requirements.
- Mounts on the side of the road for non-intrusive traffic data collection and works in all weather and lighting conditions.
- Simultaneously measures all vehicles in 8 user defined lanes.
- All traffic measurements are on per-vehicle, per-lane basis, available in real-time and stored in device memory.
- Lane-by-lane vehicle counts, length based class, average and 85th percentile speeds, occupancy, headway and gap measurements.
- Companion Windows application provides intuitive GUI to set all configuration parameters, display real time plots of targets and view snapshots & streaming HD video.
- Built-in long range Class I 2.1+EDR Bluetooth, RS232/RS485 serial ports and Ethernet.
- 512 Mbytes of on-board storage plus µSD card expansion slot.
- Built-in 1.3MP HD video camera for sighting makes setup a snap and allows convenient remote monitoring of traffic.
- Powerful SQL based query interface for historical data.
- Optional cloud based server to aggregate data from multiple devices provides quick and seamless dashboard view.
- Optional built-in UPS with rechargeable battery keeps unit running for over 24hrs on loss of external power.



AV-200 SERIES: LED ENHANCED TRAFFIC SIGNS

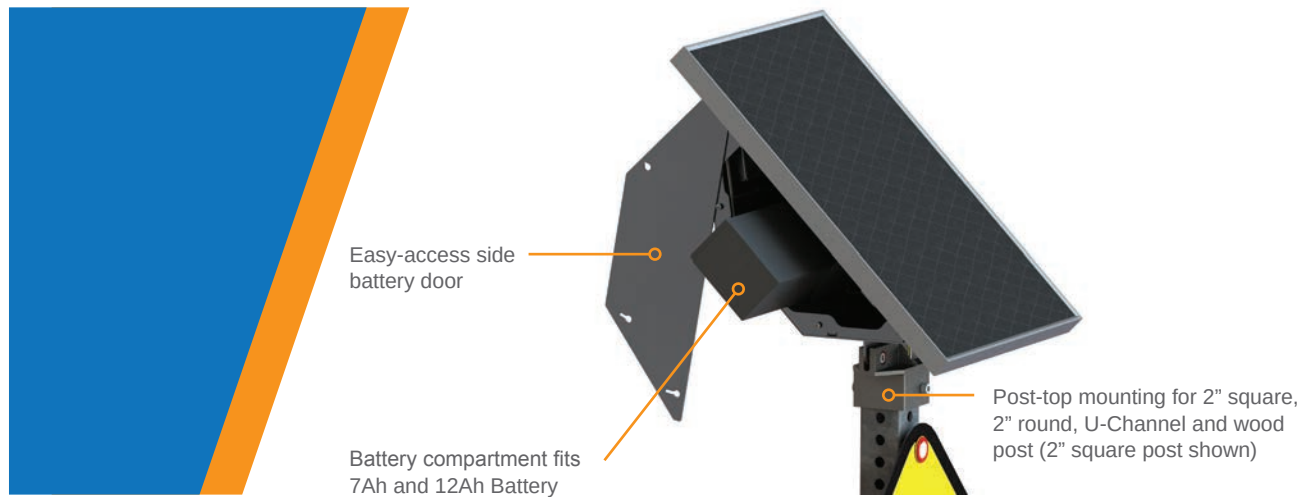
- **MUTCD Compliant**
- **Improves Intersection Safety**
- **Solar Powered**
- **Easily Installs on existing sign posts**



The Aailed Technologies AV-200 LED Enhanced Sign has been designed from the ground-up to provide reliable year-round 24 hour operation. Built with industry leading solar and LED technology, it is equipped with:

- Ultra-efficient LEDs and Lenses,
- Integrated maximum power point tracking,
- High-efficiency monocrystalline 20W solar panel,
- The option of 84 or 144 watt-hours of battery capacity.

The AV-200 will operate in challenging solar conditions including cold temperatures, low sun hours, and partial shading. The compact, self-contained design allows for rapid installation on new or existing round, square, U-channel, or wood sign posts.



TECHNICAL SPECIFICATIONS

SIGN:

- Substrate: 0.080" 5052 Alloy Aluminum
- Sheeting: 3M™ Diamond Grade™ DG³ Reflective Sheeting with anti-graffiti protective film
- Legend: MUTCD Compliant R1-1 Stop Sign, MUTCD Chapter 2C Warning Signs
- Sizes: 24", 30", 36", 48"

LEDs:

- 8 High-intensity red or yellow LEDs
- MUTCD compliant flash pattern
- 24 hour operation
- High-efficiency LED lens
- Sealed LED housing assembly

SOLAR / BATTERY SYSTEM:

- Ultra-low power microprocessor with temperature compensating maximum power point tracking
- Variable intensity adjustable to ambient light
- 20W high efficiency monocrystalline solar panel
- 84 Wh (watt-hour) battery capacity (12V, 7Ah SLA)
- Optional 144 Wh (watt-hour) battery capacity (12V, 12Ah SLA)

ENCLOSURE:

- 5052 Aluminum pole top mounted enclosure houses solar panel, controller, and battery
- Vented battery compartment with sealed electronic sub-enclosure and IP67 sealed wire harness connector
- Side access to battery with captive fasteners and quick disconnect terminals
- 8.5" W x 14.8" L x 4.7" D enclosure with 13.6" W x 18.5" L x 1" D solar panel
- Pole mounting options: 2" square, 2 3/8" round, U-Channel, wood post

ENVIRONMENTAL:

- NEMA TS 2, Sections 2.2.7, 2.2.8, and 2.2.9 Compliant
- RoHS Compliant

*specifications subject to change without notice
© 3M 2016. All Rights Reserved

Purpose built from the ground up, the AV-400 has raised the bar for RRFBs.

Every aspect of the design from the controller to the mounting brackets incorporate features to minimize installation time and expense.

High efficiency LED modules and an ultra-low power purpose-built controller deliver dependable year-after-year operation.

Performance

- ✓ High intensity light output exceeds MUTCDC requirements by up to five times
- ✓ Rated operating capacity exceeds 300 activations per day

Solar Engine Design

- ✓ Compact, low profile design ideal for aesthetically significant streetscapes
- ✓ Solar engine housing with hinged solar panel mount, battery compartment, controller, and integrated pole mount
- ✓ Thermally isolated solar panel reduces battery ambient temperature to maximize battery life
- ✓ Install-ready universal pole mount system
- ✓ Designed for quick and simple installation; complete system installs on standard sign poles in under 15 mins

AV-400

Rectangular Rapid Flashing Beacon (RRFB)

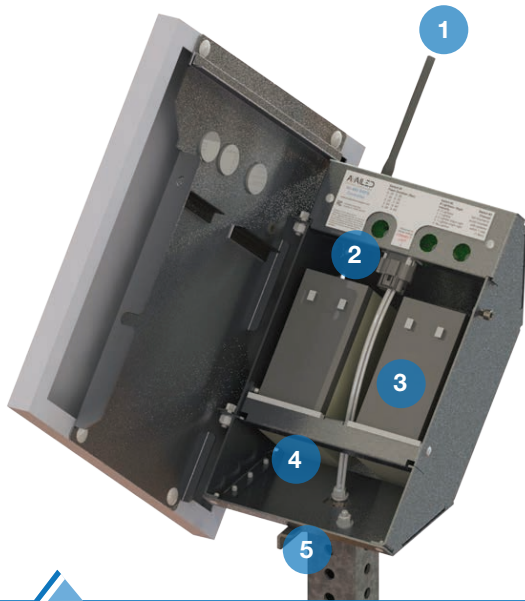


Lightbar Design

- ✓ Three-point pivoting mounting bracket provides superior holding strength
- ✓ Easily bolts or bands to any pole size
- ✓ Powder coated black or yellow front panel
- ✓ Innovative single circuit system for RRFB module and pedestrian confirmation*

Wireless Operation

- ✓ Push button actuation of one system activates all other systems wirelessly, no configuration required.
- ✓ Field adjustable channel selection for independent operation of multiple crosswalks in proximity



1. Configuration-free wireless connection between units
2. Adjustable switches for flash duration, channel, night intensity
3. Easy-install batteries with quick connectors
4. Pre-wired, two cable system for lightbars
5. Factory-installed universal pole mount for rapid installation

Operational

- Dual (back-to-back) or single lightbar configuration
- MUTCDC compliant
- WW + S (wig-wag plus simultaneous) flash pattern
- Exceeds SAE J595 Class 1 specifications
- Automatic night dimming
- Meets SAE J578 chromaticity specifications
- Field adjustable flash duration, channel, night intensity
- 300, 20 second activations per day
- 30 day system autonomy

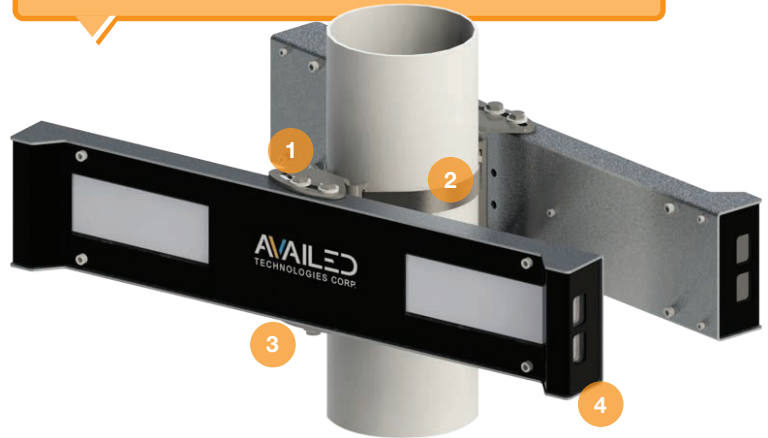
System

- 20W high efficiency monocrystalline solar panel
- 45° tilt angle, 360° rotation
- 12V 14-18 Ah battery capacity, AGM sealed lead acid
- Ultra low-power controller with integrated processor, Maximum Power Point Tracking (MPPT) charger wireless module, and field configuration
- 2.4 GHz wireless mesh network, 16 channel, 1000' range
- Synchronized wireless activation under 150ms
- Weight (including mount and batteries): 19.1lbs

Activation

- Compatible with: Polara BDSP-014 Bulldog III, Campbell 4 EVR MOAB, and Polara iNX / iDX Push Button Station

1. 3-point pivoting mounting bracket with superior holding strength
2. Bolt or band to all pole types
3. Front-access with quick-connect wire terminals
4. Integrated pedestrian confirmation lights (both ends)*



Installation

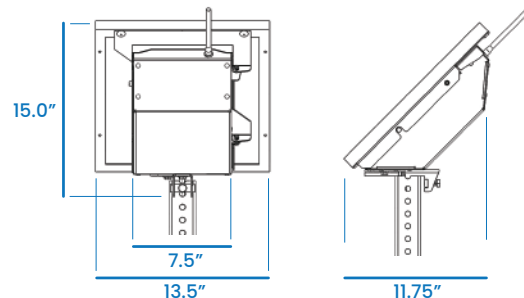
- Pre-wired post-top solar engine assembly
- Hinged solar panel for easy front access to install batteries
- Quick connect battery connections
- Simple two wire run; one wire to the lightbars and one wire to the push button.
- Quick connect wire terminal at lightbar

Pole Mount

- Universal pole mount for solar engine and lightbar compatible with 2", 2 1/4", 2 1/2" square telespar, 2 3/8" - 4 1/2" round pole
- Side of pole mount option

Environmental

- System operating temperature: -40 to 165° F (-40 to 74° C)
- Battery operating temperature: -40 to 140° F (-40 to 60° C)
- Compliant to NEMA TS 2, Sections 2.2.7, 2.2.8, and 2.2.9 for temperature/humidity, vibration, and shock



CARMANAH

R920-E

RECTANGULAR RAPID FLASHING BEACON

Pedestrian-actuated warning system for uncontrolled marked crosswalks; The R920 is the benchmark for Rectangular Rapid Flashing Beacons.

RRFBs have been found to provide vehicle yielding rates between 72 and 96 percent for crosswalk applications, including 4 lane roadways.

MOUNTING OPTIONS

2.0" - 2.5" Perforated
Square Post Mount



2.38" - 2.88" Diameter
Round Post Mount



4.0" - 4.5" Diameter



Side Post Mount



FEATURES

- Ultra-efficient optical and Energy Management System (EMS)
- Compact design to simplify installation
- Proven technology platform
- Exceeds FHWA standards
- Superior Design and Technology:
 - The R920 utilizes a self-contained solar engine integrating the energy management system with an on-board user interface, housed in a compact enclosure together with the batteries and solar panel.
 - In low light conditions, the ambient auto-adjust option provides over-lighting protection and system efficiency, while still meeting MUTCD light intensity requirements.



R920-MX

Connected Crosswalk Beacon or Sign

Boost safety at unsignalized crossings with proven technology, actionable alerts, and street-level data.

- ✓ Every system ships with **3 years of free remote connectivity**
- ✓ Actionable email and text alerts
- ✓ Remote system access via MX Cloud™
- ✓ Quick setup and local access with MX Field App™ (iOS®/Android™)
- ✓ 'Smart module' design for simple installation and richer data
- ✓ Solar Power Report (SPR) available for every location

Free out-of-the-box connectivity

R920-MX systems have connectivity embedded into their design, making installation easy. From the moment a system receives power, it connects both locally to the MX Field App and remotely to MX Cloud, providing easy remote access to system status, settings and data. RRFB systems come with default settings that meet MUTCD Standards, including wig-wag plus simultaneous (WW+S) flash pattern.

Timely and actionable alerts

Cities can enable email and text alerts so they can know the minute there's an issue, be it a knockdown, dead battery or something else. Detailed location and module information reduce downtime and boost site visit efficiency while providing optimal citizen safety.

Comprehensive asset visibility and data collection

All MX systems come with MX Cloud, a web-based application that lets users remotely access system locations, alerts, settings and data like daily activation counts. The GPS map not only gives cities better visibility, but enables streamlined, proactive asset management and future planning.

Long-lasting, reliable operation

Every MX module is built to last with durable, weatherproof aluminum construction and vandal-resistant wireless antennas. Solar-powered models are solar-sized to project locations, backed by a Solar Power Report (SPR) to prove year-round sustainability.



Meets MUTCD Standards



Buy America/
BABA compliant



3-year limited
warranty



carmanah®
MX Series



Cabinet-based solar and AC (100-240 VAC) available

Rectangular rapid flashing beacon (RRFB) shown

MX Series Connective Capabilities



MX CLOUD
(REMOTE)



MX FIELD APP
(LOCAL)

What's a Solar Power Report™ (SPR)?

No matter where you install your solar-powered system, your product should be carefully sized for its location to ensure it will be operational for the long-term.

Over the last 20+ years, our engineers have developed a field-proven software simulation that helps us replicate the real-life conditions of your project location—and determine the best solar-powered solution for your project.

Learn more about our process at carmanah.com/spr.

R920-MX

Connected Crosswalk Beacon or Sign



carmanah® MX Series

carmanah.com | traffic@carmanah.com | 1-844-412-8395

MX FLASHER MODULES



MX RRFB Module



MX Beacon Module



MX LED Sign Module

MX RRFB Module	Meets MUTCD approval (IA-21) and MUTCD (Canada) Standards
	Purpose-built optics exceed SAE J595 class 1 intensity by 2.5-3x when used as recommended; meet SAE J578 chromaticity
	3" (76 mm) x 7" (178 mm) clear, UV-rated polycarbonate lens with yellow LEDs and side-emitting pedestrian confirmation LEDs
	Stainless steel mounting brackets make back-to-back installation simple and enable in-field aiming for maximum effectiveness
MX Beacon Module	Yellow or black powder-coated light bar covers
	Light bar configuration: uni-directional or bi-directional
	RRFB backplate and mast arm mount available
	In-field aiming: rotate the light bar towards the incoming vehicle lane, independent of the wire hole location
MX LED Sign Module	Meets MUTCD Standards: 2009 MUTCD, Chapter 4L, Flashing Beacons
	Meets ITE recommendations for signal intensity and distribution
	12" (305 mm) or 8" (203 mm) diameter LED modules, yellow
	Yellow or black heads in UV-resistant polycarbonate or aluminum
Options	Side of pole arm and top of pole mount kits available
	Meets MUTCD LED requirements for color, flash rate and dimming
	3M High Intensity Prismatic or Diamond Grade retroreflective sheeting and components
	UV-resistant polycarbonate channels and waterproof housings protect wiring; include fully integrated junction box
Options	Standard 30" and 36" W11-2 and S1-1 sign sizes (others available)
	Standard yellow and fluorescent yellow-green sign colors available
	Standard banding, through bolt and U-bolt mount kits available
	Accessible Pedestrian Signals (APS) push button
Options	Overhead lighting fixture (see data sheet)
	Passive pedestrian detection

MX POWER MODULES

Solar	12 VDC operation, solar sized to specific geographic location
	Includes 12-month Solar Power Report to ensure sustainability
	System designed for 5+ year battery life
AC (only MX 300/400)	Replaceable, recyclable, sealed, maintenance-free AGM batteries offer the widest temperature range and longest life
	100-240 VAC in standard configurations
Construction	Weatherproof, gasketed enclosure with vents for ambient air transfer (NEMA 3R)
	Lockable door
	Cabinet systems include Type II lock option (standard for MX 400)
	Corrosion-resistant aluminum with stainless steel hardware
	Raw aluminum finish or black powder-coated



	MX 100	MX 200	MX 300	MX 400
Type	Integrated solar + battery	Integrated solar + battery	Separate solar + cabinet	Separate solar + cabinet
Housing Dimensions & Weight (w/o batteries)	12.6 x 13.6 x 5.3" 320 x 345 x 135 mm 5 lb (2.3 kg)	30 W version: 18.3 x 15.7 x 5.8" 465 x 399 x 147 mm 11 lb (5.0 kg)	16.7 x 11.3 x 7.0" 424 x 287 x 178 mm 10 lb (4.5 kg)	21.9 x 16.1 x 8.3" 556 x 409 x 211 mm 19 lb (8.6 kg)
		50 W version: 18.3 x 26.3 x 5.8" 465 x 668 x 147 mm 14 lb (6.4 kg)		
Mount Kits	Top of Pole Mount	Side of Pole Mount	Top of Pole Mount	Side of Pole Mount
Batteries	1-2x 7 Ah	1-2x 18 Ah	1x 18, 35 or 55 Ah	1x 35, 55 or 100 Ah
Solar	15 W	30 or 50 W	50, 80 or 170 W	50, 80 or 170 W
Solar Dimensions & Weights	See housing dimensions above	See housing dimensions above	50 W: 26.3 x 21.2" (668 x 538 mm) 10 lb (4.5 kg)	50, 80 or 170 W
			80 W: 30.7 x 26.5" (780 x 672 mm) 13 lb (5.9 kg)	
			170 W: 59.1 x 26.3" (1500 x 668 mm) 25 lb (11.3 kg)	

WIRELESS COMMUNICATION AND DATA COLLECTION

Local	MX Field App (Bluetooth®)
System-To-System	Linked MX systems flash in sync up to 1,000 ft (305 m) away
Remote	MX Cloud (cellular)
Location & Time	GPS

INCLUDED WITH EVERY SYSTEM

MX Subscriptions	3 years out-of-the-box remote connectivity with MX Lite
	See all MX subscriptions
MX Cloud	MX Cloud for remote health status monitoring, email/SMS alerts, scheduling, asset management, programming and more
	Bluetooth® mobile app for on-site setup, local access to default settings, system health status and more
MX Field App	 
Warranty	3-year limited warranty on MX system
	1-year limited warranty on batteries
Support	Carmanah's North American product support technologists available for solution building, solar sizing and troubleshooting
	24/7 access to Carmanah's online Product Support Center
Customize	Build an R920-MX online

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Carmanah Technologies is under license. Other trademarks and trade names are those of their respective owners. Android is a trademark of Google LLC.

Specifications subject to local environmental conditions, and may be subject to change.

All Carmanah products are manufactured in facilities that are certified to ISO quality standards.

"Carmanah" and Carmanah logo are trademarks of Carmanah Technologies Corp.

© 2023, Carmanah Technologies Corp. Document: Carmanah_DATA_R920-MX-CAD_RevC

Illuminated Overhead Signs

Illuminated overhead signs help alert drivers to mid-block crossings, helping keep road users and pedestrians safe and alert.



ILLUMINATED LED OVERHEAD CROSSWALK SIGN

Greentop

Greentop Lighting's internally-illuminated, overhead-mounted pedestrian sign gives drivers advanced warning of crosswalks and pedestrian presence. Because it is double sided, it warns oncoming traffic from both directions. The LED down light further improves pedestrian safety by illuminating the crosswalk. The unique design of the down light prevents dust, insects, and moisture from the entire sign box.

Pedestrian Push Button & APS

Accessible Pedestrian Signals (APS) are designed to enhance the safety of visually impaired pedestrians at intersections.



PedSafety



GUARDIAN INDEPENDENT 4-WIRE APS

PedSafety

The Guardian® is a cabinet-free, all-encompassing APS solution, renowned for its exceptional sound quality, advanced control features, and distinctive ambient gain volume control system. It incorporates essential accessibility features, including extended press options, vibrotactile walk cues, and the choice of optional clearance phase indicators.



GUARDIAN WAVE APS

PedSafety

The Guardian® Wave is a cabinet-free, touchless, all-encompassing APS solution, renowned for its exceptional sound quality, advanced control features, and distinctive ambient gain volume control system. It incorporates essential accessibility features, including extended press options, vibrotactile walk cues, and the choice of optional clearance phase indicators.



GUARDIAN MINI APS

PedSafety

The Guardian® Mini is a comprehensive APS solution packed into a compact and user-friendly package. It incorporates all the essential features of a standard accessible pedestrian signal, including audible, visual, and tactile cues.

CARMANAH

R247-E

SOLAR FLASHING BEACON

24 Hour Flashing Beacon for Warning Signs and Stop Signs.

The R247-E is the standard for 24 Hour Flashing Beacons. The ultra-efficient solar technology delivers high intensity light output in a compact, lightweight, and easy to install solar engine.

FEATURES

- Industry leading light output
- Available with Red or Amber beacons
- Proven technology platform
- MUTCD Compliant

High Intensity Light Output:

- The R247-E provides a high intensity 24 hour flashing beacon that provides year round performance in the most challenging solar conditions. An ultra-efficient energy management system coupled with the latest LED technology delivers a high intensity, continuous flash output.

Advanced User-Interface:

- The R247-E features an on-board user interface and display that provides quick configuration and status monitoring.

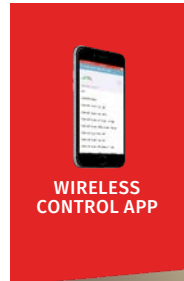


FIRST LIGHT TECHNOLOGIES

SCL2 SERIES

SOLAR LED INTEGRATED COMMERCIAL AREA LIGHT

The SCL2 Series solar LED luminaire is a great fit for commercial, parking lot, recreational bikeway/pathway and public space lighting applications. The self-contained, unobtrusive design integrates its solar power, adaptive control and LED technologies into a compact and efficient form. With robust construction, and unequalled performance the SCL2 series is an excellent fit wherever cost effective, full cutoff lighting is required.



BENEFITS

- Cost effective design ships fully assembled and installs in minutes
- Smart Connect provides wireless control & communication with your light
- Low installation cost and minimal site impact with no trenching, cabling or wiring Minimal ongoing costs with no electrical bills or bulbs to change
- Operates entirely independent from the grid and is immune to power outages
- A sustainable choice without recurring carbon emissions

All of our solar powered lights are enabled by our innovative Solar Lighting Controller (SLC). The SLC in each light is “self-learning” and allows the lights to predictively adapt to their surroundings, providing a level of lighting performance and reliability unavailable in other solar lighting products.

GROUND SCREW

For 16'-20' poles

Easy Install with screw pile



Our ground screw foundations use the natural compression of the earth for strength and stability.

Unlike concrete foundations which disturb the site with excavation and require waiting for concrete delivery and curing time, we install ground anchors in minutes with minimal site disturbance, at a lower cost.

When used with solar lighting, the need for wiring trenches is completely eliminated.

FIRST LIGHT TECHNOLOGIES

SOLAR LED BOLLARDS

PLB

Architectural Solar Illuminated Bollard

- Contemporary styling
- Cutoff lighting for pathways and outdoor spaces
- Provides effective ground-level illumination

WLB

Architectural Solar Illuminated Wayfinding Bollard

- Familiar louvred design
- Wayfinding/delineation applications
- Highly-visible fixture adds style to any location

PLB-AC

High-Efficiency Illuminated Bollard

- Wired version of our solar PLB
- Full cutoff lighting for AC powered applications
- Ideal for new and retrofit AC applications



GROUND SCREW

For 36" LED Bollard

Easy Install with screw pile



Our ground screw foundations use the natural compression of the earth for strength and stability.

Unlike concrete foundations which disturb the site with excavation and require waiting for concrete delivery and curing time, we install ground anchors in minutes with minimal site disturbance, at a lower cost.

When used with solar lighting, the need for wiring trenches is completely eliminated.

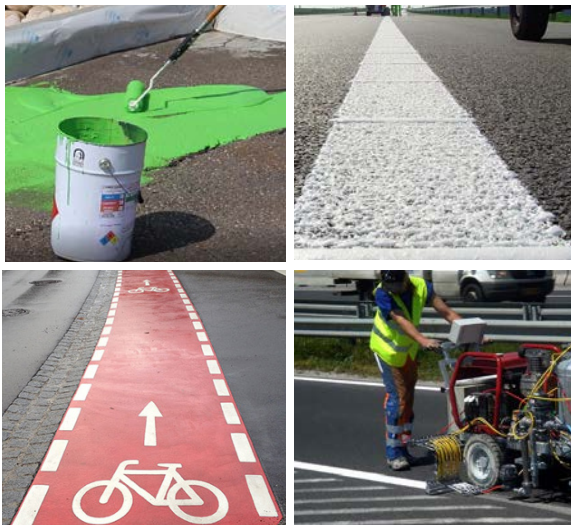
FEATURES & BENEFITS

- **Wire Free Lighting**
No electrical design or trenching required
- **Save Time & Money**
Our solar lights cost 50% less than wired lighting and only take 15 minutes to install
- **Lighting All Night Every Night**
You can count on our lights to deliver effective light year without maintenance
- **Great Day Time Appearance**
Our solar lights look like lights and our designs complement your project aesthetic with a low chance of vandalism or theft

OPTAMARK®

PERFORMED THERMOPLASTIC

OptaMark® is a heavy-duty intersection grade preformed thermoplastic pavement marking with proven durability on a wide variety of pavement surfaces. No preheating and heat indents indicate material reached molten state. Quick and easy to apply, the interconnected material reduces layout time during application.



PLASTIRoute™

COLD PLASTIC ROAD MARKING MATERIAL

Cold plastic is suitable for high traffic requirements and all climates. The application of PlastiRoute™ products is very flexible. You can apply the products with ordinary tools like a trowel, scraper, draw-box or roller as well as non-electric hand-driven machines. If you choose to apply the cold plastics by machine a wide variety of road marking patterns and lines are available.

CHIPFILL™

HOT-APPLIED SURFACE DEFECT REPAIR SYSTEM

When heated, the binders in the thermoplastic bond to the bitumen in the asphalt. This makes ChipFill™ a durable and cost-effective solution as it prevents damages from becoming bigger and more expensive to repair. ChipFill™ can be used for fixing cobblestones and preventing erosion and growth of weeds between them.



ROAD MARKINGS

OPTAMARK™

OPTAMARK™ is a heavy-duty intersection grade preformed thermoplastic pavement marking with proven durability on a wide variety of pavement surfaces. OPTAMARK™ does not require preheating of the road to a specific temperature, providing simple and fast mobilization. With no specific temperature requirement, the pavement marking season can be extended.

SKU	Description	Size	Colour
51110136	Right Turn Arrow	9'10"x4'4"	White
51110137	Straight Arrow	9'10"x4'4"	White
51110139	Standard Combi Arrow Right	16"x5'3"	White
51110143	Line	4"x3'	White
51110151	Line	4"x3'	Yellow
51110140	Line	12"x3'	White
51110144	Line	12"x3'	White
51110145	Line	24"x3'	White
51110155	Straight Arrow	11'4"x2'6"	Yellow
51110156	Left Turn Arrow	9'10"x4'4"	Yellow
51110157	Line BLG	24"x3'	Green
51110158	Bike Lane Straight Arrow	4'11"x1'9"	White
51110159	"ONLY"	8'	White
51110160	"SCHOOL"	8'	White
51110161	Bicycle Rider FHWA BLG	4'x7'	Green/White
51110164	Shared Lane Symbol	9'3"x3'4"	White
51110167	Sharrow Symbol	10'x3'3"	White
51110168	Shared Pathway Symbol	5'3"x3'6"	White
51110169	Super Sharrow Symbol	11'7"x4'6"	White
51110173	Combi Arrow Left	16'x15'3"	White
51110176	Straight Arrow	9'10"x3'3"	White
51110177	Straight Arrow	18'x3'6"	White
51110180	Reversible Turn Arrow	8'2"x6'3"	White
51110181	Combi Arrow Left/Right	8'x10'	White

OPTATRAC™

OPTATRAC™ does not require the pavement to be preheated to a specific temperature prior to application. OPTATRAC™ emits no environmentally harmful substances during application or at the time of removal. The pigments are organic and do not contain lead or other heavy metals. There is no hazardous waste and the cardboard can be recycled.

SKU	Description	Size	Colour
51110135	Yield Line - Shark's Teeth	24"x36"	White
51110148	Straight Arrow	2/box	White
51110149	Right Turn Arrow	2/box	White
51110150	Left Turn Arrow	2/box	White
51110175	Line	6"x3'	White
51110178	Line	6"x3'	Red
51110174	Line	16"x3'	White
OPTAMARK W/ OPTATRAC			
SKU	Description	Size	Colour
51110138	Bicycle Rider	6'6"x3'4"	White
51110179	Bicycle Symbol Left	6'6"x3'3"	White
51110182	"School Zone Crosswalk"	6'x6'	White
51110185	Line	24"x3'	Yellow
51110188	Line	24"x3'	White
51110194	Line	24"	Blue
51110193	Line	24"x3'	Purple
51110195	Line	24"x3'	Green
51110192	Line	3"x3'	Red
51110196	No Stopping	12"	Yellow

OTHER THERMOPLASTICS

SKU	Category	Description	Size	Colour
51110146	Optamark	Handicap Kit	40"x40"	White on Blue
51110154	Optamark	Electric Vehicle Symbol	40"x40"	White
51110165	PlastiRoute	Rollplast Bike Lane	2.39 Gallon	Blue
51110153		Geveko Sealer	1.05 Gallon	

RETURN POLICY

Unfortunately, circumstances can arise where product needs to be returned. This document provides a procedure for the return of materials that do not meet order requirements (i.e. damaged, shortages of product, wrong product or incorrect item, and/or defective products). In addition, this document will provide a procedure for return of materials other than damaged, shortages, wrong shipment or incorrect item, and defective products. ATS Traffic accepts returned goods for the following reasons, timeframe and under the associated policy:

Reasons for Returned Materials	Reporting Timeframe	Policy
Damaged goods	All damaged materials received by an AAMDC customer must be reported to ATS Traffic within two (2) business days (48 hours) of delivery. Concealed damages must be reported within ten (10) business days.	Upon delivery, visible damages must be noted on the Bill of Lading, signature of person receiving the damaged materials, and the carrier driver's signature. Damages that are not reported on Bill of Lading must be held until an inspection by the carrier is completed and a report is issued. Customer may request an inspection of damages. ATS Traffic will contact the delivery carrier for an inspection. Once the carrier report is issued, ATS Traffic Customer Service will issue an authorization to return product. A copy of the inspection report and a Return Materials Authorization (RMA) must accompany the returned product. (The procedure to request an RMA is seen in section 1 below.) Whenever possible, a picture of the damaged materials should accompany the inspection report. Please note: No credit will be issued without report showing damages on Bill of Lading at the time of delivery or on a carrier's report.
Shortage	All visible shortages received by the customer must be reported to ATS Traffic within two (2) business days (48 hours) of delivery. Concealed shortages must be reported within ten (10) business days.	Upon delivery, quantity discrepancies must be noted on the Bill of Lading, accompanied with signature of person receiving shipment and the carrier driver's signature. Claims made after the recommended timeframes will not be honored. Please note: No credit will be issued unless visible shortage is noted on Bill of Lading at the time of delivery.
Wrong shipment or incorrect items	All wrong shipments or incorrect items must be reported to ATS Traffic Customer Service within two (2) business days (48 hours) of delivery.	ATS Customer Service will arrange for pick-up of materials from customer. All incorrect items will be corrected to customer specifications.
Defective Products	Defective products must be reported to ATS Traffic Customer Service w	ATS Customer Service will arrange for pick-up of materials from customer. All defective materials will be inspected and actioned through Sales Support for corrective action or credit.
Damaged Goods	A returned product other than damages, shortage, wrong shipment or incorrect items must be reported to ATS Traffic with ten (10) business days. In addition, product must be received at the issuing branch within thirty (30) days. After thirty (30) days no product will be accepted.	Once notification is reported to ATS Traffic, we will issue an authorization to return the product (RMA). Returned materials are subject to a fifteen percent (15%) restocking fee. A twenty five percent (25%) restocking fee will be charged on returned special order materials. ATS does not offer any credit for custom ordered products. Note: restocking fees do not apply if the item is defective or damaged, or customer received the wrong shipment.

Return Materials Authorization (RMA) Process

1) Requesting a Return Materials Authorization (RMA):

- To request a RMA number, please contact your Sales Support representative indicated on the following page and obtain a Return Authorization Number and shipping instructions or fax a request for the return item. Please note: When faxing a request for return item, provide a contact name, fax and telephone number, product description, quantity, a copy of the packing list and or invoice, and reason for the return. All authorized returns must be shipped to originating branch of ATS Traffic, unless otherwise instructed by your ATS Customer Representative.

CONTACT Us



Timely service and customer satisfaction are the hallmark of ATS culture. If you experience a quality or service issue, please contact your Account Manager or sales support team by corresponding region. These individuals have immediate access to the customer service information and resources to resolve most issues quickly and efficiently.

If they are unable to do so, they will escalate the issue to senior management who will engage the required additional resources to expedite a solution.

Contact Our Team:

Ronan Subijano - Sales Associate
410 A Henderson Drive
Regina, SK S4N 5W9
T: 306.522.0511
E: RonanS@atstraffic.ca

ATS Traffic - Saskatoon
806C 43 Street E, Saskatoon, SK S7K 3V1
T: 306.242.4407 TF: 800-661-7346
E: SaskatoonSales@atstraffic.ca

ATS Traffic - Regina
410 A Henderson Drive, Regina, SK S4N 5W9
T: 306.522.0511 TF: 800-661-7346
E: ReginaSales@atstraffic.ca

Safety forward.



atstraffic.ca | Since 1966