

July 11, 2005

TO: John Szerlag, City Manager

FROM: Brian P. Murphy, Assistant City Manager/Services  
Jeanette Bennett, Purchasing Director  
Timothy L. Richnak, Public Works Director

SUBJECT: **Agenda Item** - Standard Purchasing Resolution 4: Oakland County Cooperative Purchasing Agreements – Truck Mounted Attenuator

**RECOMMENDATION**

City management recommends approval and authorization to purchase one (1) truck-mounted crash attenuator with arrow board vertical lift (Exhibit 1) from Traffix Devices, Inc. through Oakland County Cooperative Purchasing Agreements for an estimated total cost of \$16,524.00.

The attenuator is a roadside safety device used to protect work crews by preventing errant vehicles from coming into contact with the work zone or work trucks. This equipment is to replace a ten-year old attenuator in the Streets Department.

	<u>QTY</u>	<u>UNIT COST</u>	<u>TOTAL COST</u>
<b><u>TRAFFIX DEVICES, INC.</u></b>			
Truck Mounted Crash Attenuator	1	\$16,524.00	\$16,524.00
RCOC UNIT #J0061-J0071			

**BUDGET**

Funds are available in the Streets Capital Account 401464.7978.010.

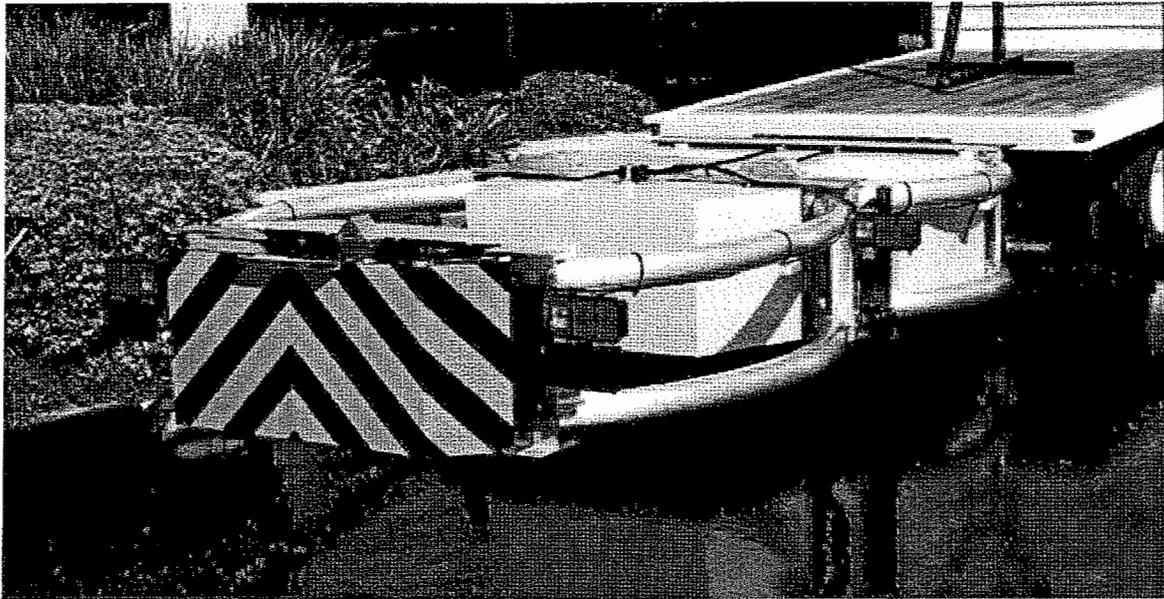
# Scorpion Truck Mounted Attenuator

EXHIBIT I

The Scorpion TMA has been tested and PASSED ALL optional and mandatory requirements suggested in the NCHRP-350 Report for TL-3 evaluation criteria-for speeds up to 62.5mph (100km/h)

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## *Different by Design*



*The Scorpion measures only 13 feet long when fully extended*

- The hydraulic system allows the cartridge to be partially raised for maximum road clearance and maneuverability
- Scorpion's low profile and open tubular design is beneficial in minimizing wind resistance and drag, allowing you to drive at freeway speeds safely, as well as increasing rear visibility and gas mileage
- Scorpion's lightweight aluminum construction minimizes rust and other corrosive elements and weighs only 1,800 lbs.
- With its modular design, Scorpion crushes in progressive stages upon impact thus reducing repair costs
- Scorpion's durable construction and heavy duty tubular side rails minimize incidental back-up or turning damage
- The unique curved design redirects side angle impacts away from the exposed corner of the truck
- Scorpion can be easily and quickly mounted to or removed from the truck