

## TRIP Equipment Requirements

### Recovery Wrecker Specifications

All eligible COMPANIES must have either one 50-Ton Recovery Truck **OR** one 40-Ton Rotator **AND** One 30-Ton Heavy Duty Wrecker. The qualifications listed below are minimums that must be met for each piece of equipment.

50-Ton Recovery Truck	40-Ton Rotator		30-Ton Heavy Duty Truck
<ul style="list-style-type: none"> <li>▪ Hydraulic extendable, fixed boom, ultra heavy duty Recovery Truck.</li> <li>▪ A boom structural rating (TEMA or SAE) of 100,000 lbs.</li> <li>▪ A minimum of two planetary or worm drive winches with a minimum of 200 ft. of 3/4" wire rope each.</li> <li>▪ The boom shall extend a minimum of 150" beyond the tailgate (level).</li> <li>▪ The boom shall elevate to a working height of 21 ft. (@ 30 degrees) at a minimum.</li> <li>▪ The truck chassis shall be a minimum of 62,000 lbs. GVW.</li> <li>▪ The unit shall be equipped with a hydraulic, extendable under reach tow unit with a capacity of 50,000 lbs.(Retracted)</li> </ul>	<p style="font-size: 2em; margin: 0;"><b>O R</b></p> <ul style="list-style-type: none"> <li>▪ A boom structural rating (TEMA or SAE) of 80,000 lbs.</li> <li>▪ A minimum of two planetary or worm drive winches with a minimum of 200 ft. of 3/4" wire rope on each.</li> <li>▪ The boom shall extend a minimum of 240" beyond the tailgate (level).</li> <li>▪ The boom shall elevate to a working height of 30 ft. (@ 50 degrees) at a minimum.</li> <li>▪ The truck chassis shall be a minimum of 62,000 lbs. GVW.</li> <li>▪ The unit shall be equipped with a hydraulic, extendable under reach tow unit with a capacity of 50,000 lbs.(Retracted)</li> </ul>	<p style="font-size: 2em; margin: 0;"><b>A N D</b></p>	<ul style="list-style-type: none"> <li>▪ 30-Ton Hydraulic, extendable boom, heavy duty Wrecker.</li> <li>▪ A boom structural rating (TEMA or SAE) of 60,000 lbs.</li> <li>▪ A minimum of two winches each with 200 ft. of 3/4" or 200 ft. of 5/8" wire rope.</li> <li>▪ The boom shall extend beyond the tailgate a minimum of 120" (level).</li> <li>▪ The boom shall elevate to a working height of 18 ft (@30 degrees) at a minimum.</li> <li>▪ The truck chassis shall be a minimum of 52,000 lbs. GVW</li> <li>▪ The unit shall have an under reach tow unit rated at 35,000 lbs.(retracted)</li> </ul>

It is strongly suggested that the recovery truck chassis and frame be designed for or reinforced for severe service. The drive line should also be severe service and geared for the low-end, high-torque applications frequently required for quick lane clearance. This Program frequently requires the relocation (dragging) of wrecked heavy trucks out of the roadway while still loaded and overturned.

### **Additional Trucks and Heavy Equipment**

The following equipment is required to be owned and stored at the yard:

<b>Quantity</b>	<b>Equipment</b>
1	Tilt bed, hydraulic, lowboy semi-trailer (Landoll or equivalent) with a 35 ton capacity, 40-48 ft. bed and a winch with 75 ft. of 5/8" cable.
1	Tandem axle road tractor with a sliding fifth wheel.
1	Rollback flatbed wrecker.
1	Self contained, V-hopper, pick-up or trailer mounted Sand Spreader. The unit shall have a minimum capacity of 1½ cu. yd. with a conveyor or auger feed and adjustable rate spinner. Sand must be kept dry!
1	Heavy-duty skid steer or rubber tracked loader with bucket, broom, and fork attachments.
1	Support vehicle with an enclosed, utility body and a roof mounted GDOT approved MUTCD Type B arrow board. The truck shall be stocked with MUTCD traffic control devices (signs, sign stands and cones etc.) and the additional tools, equipment and material listed for the TRIP support vehicle  <b>OR</b>  A tandem axle, enclosed utility trailer pulled by a tow vehicle with a roof mounted GDOT approved MUTCD Type B arrow board.

### **Contracted Services and Heavy Equipment**

The COMPANIES participating in TRIP must show proof of an existing account or agreement in good standing with a local vendor, contractor or equipment supplier to provide the services or equipment outlined below. These services must have a means and capability to respond to an incident scene where TRIP has been activated within the required response time 24/7.

<b>Contract Equipment</b>
A Maintenance of Traffic (MOT) Contractor that can provide and set up full MUTCD and GDOT approved work zone traffic controls.
A Disposal Company that can deliver to the scene of an incident, dumpsters or hoppers for crash debris, fire debris and or spilled non-hazardous cargo.
A Vacuum or Suction Service for off-loading or recovering and transporting large

quantities of spilled grain, powders, plastic pellets or non-hazardous liquids and sludge, etc.
A Trucking or Transport company that can provide van, dump, refrigerator or flat bed trucks and/or semi- trailers.
A Construction Crane Rental Company with 50 ton and larger mobile cranes.
A contactor or equipment rental company that can deliver a heavy duty, rubber tired, articulated, construction, end-loader

## Recovery Wrecker Tools and Supplies

Each TRIP heavy duty wrecker shall carry the items outlined below:

Quantity	Equipment
8	Alloy (grade #8) chains: <ul style="list-style-type: none"> <li>▪ 3/8" x 10' (2 each)</li> <li>▪ 5/8" x 10' (2 each)</li> <li>▪ 1/2" x 10' (4 each)</li> </ul>
4 (2 Pairs)	Wide profile, recovery straps matching wrecker capacity
4	Heavy duty snatch blocks (working load matched to the winches)
Various	Hooks, clevis' and chokers (matched to the wrecker capacity)
1 (24" x 24")	High Pressure air cushion with control module and hose
4 (4" x 6")	4-foot hardwood timbers
8 (4"x4")	2-foot, hard wood cribbing
1 (20 ft)	Folding or extension ladder
1	36" bolt cutters
2	BC Fire extinguishers (10 lbs)
1	Long handle axe
2	D-handle shovels (flat blade)
1	Long handle shovel (round pointed blade)
2	Street brooms
4	Wheel chocks
1 (5 ft)	Pike bar
1	Crow bars (36")
1	Sledge hammer (8-10 or 12 lbs)
2	Large capacity trash cans
1	Hydraulic jack (20 ton)
1	Fuel tank plug/spill/leak kit, fully stocked
Various	Angle iron or aluminum, wide flange at various lengths
1	Complete brake release kit: (hand tools, air hoses, glad hands, numerous brass fittings and brake caging bolts)
2	Heavy duty, Industrial flashlights
10	28 inch, reflectorized traffic cones (clean)
4 Dozen	30-minute highway flares (wire stand)
120 lbs or 30 gallon	oil dry or approved high performance absorbent

<b>Quantity</b>	<b>Equipment</b>
50 ft	Rope (1/2")
4	Load binders, transport chains and cheater pipe
1	Tarpaulin (20 ft x 20 ft.)
2	Rolls of duct tape
2	Sewer, drain or inlet covers (mud flaps acceptable)
1	Complete mechanics hand tool set
1	Complete first-aid kit
<b>Note:</b> The above listed items are required as a minimum. It is expected that a professional towing and recovery wrecker operation will supplement this list with any and all items needed to operate in a completely safe and efficient manner.	

## **Support Vehicle Tools and Supplies**

The support truck or trailer shall carry the following:

<b>Quantity</b>	<b>Equipment</b>
60	28 inch reflectorized traffic cones (clean)
4	Fabric, 48" MUTCD approved, GDOT authorized, Incident Management warning signs
4	Portable sign stands for 48" warning signs (see item above)
1	Gas powered cut-off saw
4	Auxiliary flood lights w/stands, w/ generator
1	Portable air compressor
1	Air impact wrench with sockets
1	Air powered metal chisel
1	Acetylene/Oxygen cutting torch w/tanks
1	Bolt cutters (36")
4	D-handle shovels (flat blade)
2	Long handle shovels (round pointed blade)
2	Aluminum or plastic, non-sparking coal or grain shovels
4	Street brooms
1	Adjustable drum moving dolly
1	Hand truck
1	Pallet puller
1	Dock plate with clamps
2	Large Tarpaulins (20 ft. x 20 ft.)
12 Dozen	30-minute Highway flares (wire stand)
200 lbs or 50 gallons	Oil dry or approved high performance absorbent
4 Bags	Asphalt cold patch
1	Roll of rubber floor runner (36" wide)
10 lbs	16D nails
Numerous	Softwood 2x4 studs
2	Rolls of heavy duty (80 gauge) stretch wrap with dispenser

<b>Quantity</b>	<b>Equipment</b>
4	Rolls of duct tape
Sufficient	Load binders and securement chain for a 30 ton load
1	Case of heavy duty, 55 gallon, contractor trash bags
1	Roll of heavy gauge visqueen plastic sheeting
1	Complete , industrial first-aid kit
<b>Note:</b> These tools, supplies and material are required as a minimum. It is expected that a professional recovery wrecker operation will supplement this list with all items needed to operate in a safe and efficient manner.	