

T & E First-Round Winner

Innovations Challenge
<http://wwwi/intranet/cr/SolutionsAtWork/Innovations.htm>

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Prepared by Transportation Planning
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GPS Roadside Obstacle Marker



Description

This innovation helps locate and identify hazards while mowing on the right-of-way. Natural gas lines, electric guy wires, phone pedestals, cross pipe and washouts, can be identified and marked with a GPS location on a five-inch high definition screen. A waterproof fish finder was installed on our tractors to mark these obstacles on the right-of-way. Each hazard has its own symbol on the screen so it's easy to determine with only a glance of the screen. These screens have been installed at eye level on the right side of the canopy post. This tool has been used for Missouri One Call and uses its GPS coordinates for locations to give each cross pipe its own identification number for later repairs.

Benefit

This innovation improves safety and saves money by locating hazards that could cause damage to equipment and personal property, as well as employees. It saves mowing crews time since driving the route each time they mow has been eliminated. This job has been simplified because information is marked on one finder to easily add or delete hazards with the punch of a button.

Parts and Labor

Waterproof Fish Finder for \$469 and 15 minutes of labor.

For More Information Contact:

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Additional photos can be seen by accessing the Innovations Challenge homepage at:
<http://wwwi/intranet/cr/SolutionsAtWork/Innovations.htm>.