## T & E First-Round Winner

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

### **April 2015**

Prepared by Transportation Planning Missouri Department of Transportation

# **Socket Wrench Attachment**



# **Description**

The socket for ratchet wrench or impact drill was designed to remove and install new sign post breakaway base bolts and is shaped to go over the nut and bolt. This allows the sign to be replaced on the same base rather than unbolting the entire assembly from the foundation and replacing the entire assembly. Bolts are available for purchase separate from the breakaway assembly.

#### **Benefit**

Using the special socket simplifies work since it can be used on any ratchet wrench or impact drill. Reinstallation of a fallen sign is quicker, easier and safer since the entire assembly is not replaced.

# **For More Information Contact:**

Paul Henke at paul.henke@modot.mo.gov or (636) 856-0832.

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

