

**2012-13 District Winner**

PrOMo Challenge

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

**April 2013**

Prepared by Customer Relations  
Missouri Department of Transportation

## Limb saw



### Description

The limb saw is used for clearing back canopy, and problem limbs that are usually out of the reach of man operated limb saws. The operator sits in the cab to run the saw. We use the axillary hydraulics to run the saw. This allows us to cut higher, faster, and much safer.

### Benefit

**Efficiency:** This attachment allows us to increase production by using less man power and saving time. It's also faster than gas powered limb saws.

**Cost:** The saw reduces cost because it's more reliable and durable than gas powered limb saws. It also eliminates the need to rent larger and expensive pieces of equipment that are typically needed for tree trimming operations.

**Quality:** Right of way appearance and safety to customers is improved by using this type of tree trimming.

**Organizational Impact:** Every shed could implement this device into their brush cutting operations to make their facilities more efficient and cost-saving.

**Safety:** Using the Limb Saw keeps our customers safe by increasing sight distance and eliminating problem limbs that could come in contact with their vehicles. This method also reduces worker injury incidents by keeping our operators in a cab as opposed to standing directly under a limb while cutting.

**Environmental:** This trimming operation promotes healthy growth of trees in MoDOT right of way.

## **Team Members**

Justin Sundell

Ron Laney

Karl Desch

Salem Maintenance Shed Employees

## **For More Information**

Contact: Justin Sundell at (417) 260-7456

Additional photos can be seen by accessing the Innovations Challenge homepage

at <http://www.i/intranet/cr/SolutionsAtWork/Innovations.htm>.