

Wire Theft Prevention



Description

In order to help deter copper wire theft, the Wire Theft Prevention box has been created. This innovation is made of a 2.5x2 foot stainless flex pipe attached to a cover plate to protect the wire in the streets from theft. A 5-star bolt is used to secure the box; this is a specially made bolt that is not found at just any hardware store.

Benefit

Before creating the wire theft box, thieves were smashing the pole doors and cutting the copper wire causing miles of street lights to stop working. Using the innovation helps protect the wire and saves MoDOT money by not having to replace the copper wire.

Materials and Labor

Total material costs are \$500 and total amount of labor time was 40 hours. (See material list on the back of this page)

For More Information Contact:

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Additional information, photos or videos can be seen by accessing Innovations Challenge SharePoint page at: <http://sharepoint/systemdelivery/TP/Documents/InnovationsChallenge.aspx>

Street Light Wire theft protection

Custom Lighting base cover	\$100
2'x2" stainless steel flex pipe	\$148
4 pcs 1/2" x 2.5" 5 sided bolt	\$12

Total cost \$ 260