



STS FORTRESS Electromagnet locking pull box

Easily upgrade your existing pullboxes to an impregnable fortress with our powerful yet simple system.

Traffic Signal Power Outages are Dangerous

Signals rely on AC current running along cables to display the correct signal at intersections to keep people safe. However, with unsecured pull boxes these cables are vulnerable to tampering and theft. When traffic signal wires inside of pull boxes are cut or tampered with it can create hazardous conditions where drivers are no longer able to see the normal operating signals or the back up flashing red signals.

Wire theft is on the rise.

Wire theft has become so prevalent that a major US cities are declaring a crises and spending millions annually trying to replace the cable as fast as possible with little effect on slowing down the theft. An LAPD investigation into wire theft suggested a locking pull box lid would slow down wire theft.



About the STS Fortress System

The STS Fortress System is a smart locking system designed to upgrade existing pull boxes making them exponentially harder for unauthorized access. This smart system helps limit unauthorized access by utilizing a low voltage but very powerful electrical magnet controlled by a code system that must be entered before the boxes can be opened. Our system places the locking mechanism under the lid of the pull box so bad actors can not see the mechanism and try to defeat it as is the case with typical bolt style locking lids.

Contact us!

info@sentinelts.net (909) 967-6912

To learn more

www.sentineltransportationsystems.com

STS Fortress System Features and Benefits

-Adapts to existing concrete and fiber pull boxes

-Locks are under the lid making tampering impossible

-Controlled by 24VDC circuit mounted in cabinet

-Easy access for repair crews unlike epoxy or buried boxes



Why do traditional locking lids fail?

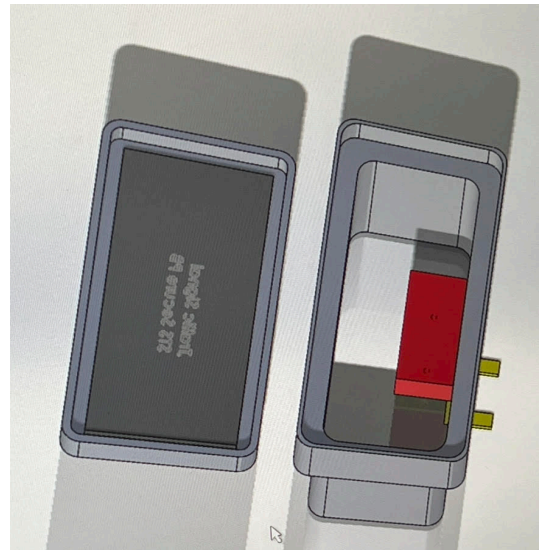
Bolt style locking lids fail because the bolt is exposed and can be defeated. Most security bolt tools can be purchased at a local hardware store or the bolts can be opened by simple tools. Concrete lids fail because they don't have a lock and can be punctured by a hammer blow and therefore unable to stand up to break ins.

Below a crew observes a newly installed security box that unfortunately was still broken into.



DESIGNED TOUGH

We use a high strength adhesive to mount a steel plate to the lid to protect against break through access while also giving our magnet a strong surface to grab onto with 800 lbs of force.



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