



Wilsons' Wonderbed

Submitted by: Alec Wilson & Phillip Wilson (D1/Bridge Maintenance)
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Description:

We welded a custom cage made of extra angle iron that was just big enough to fit and secure our fuel cans. On top of the cage we installed a storage box, which frees bed space and fully enclosed the cans from above. Then, we cut the driver's side of the bed and added 3 hinges along the bottom (supporting it with chains). It now flips down to allow quicker and safer access to the gas cans from the driver's side of the truck.



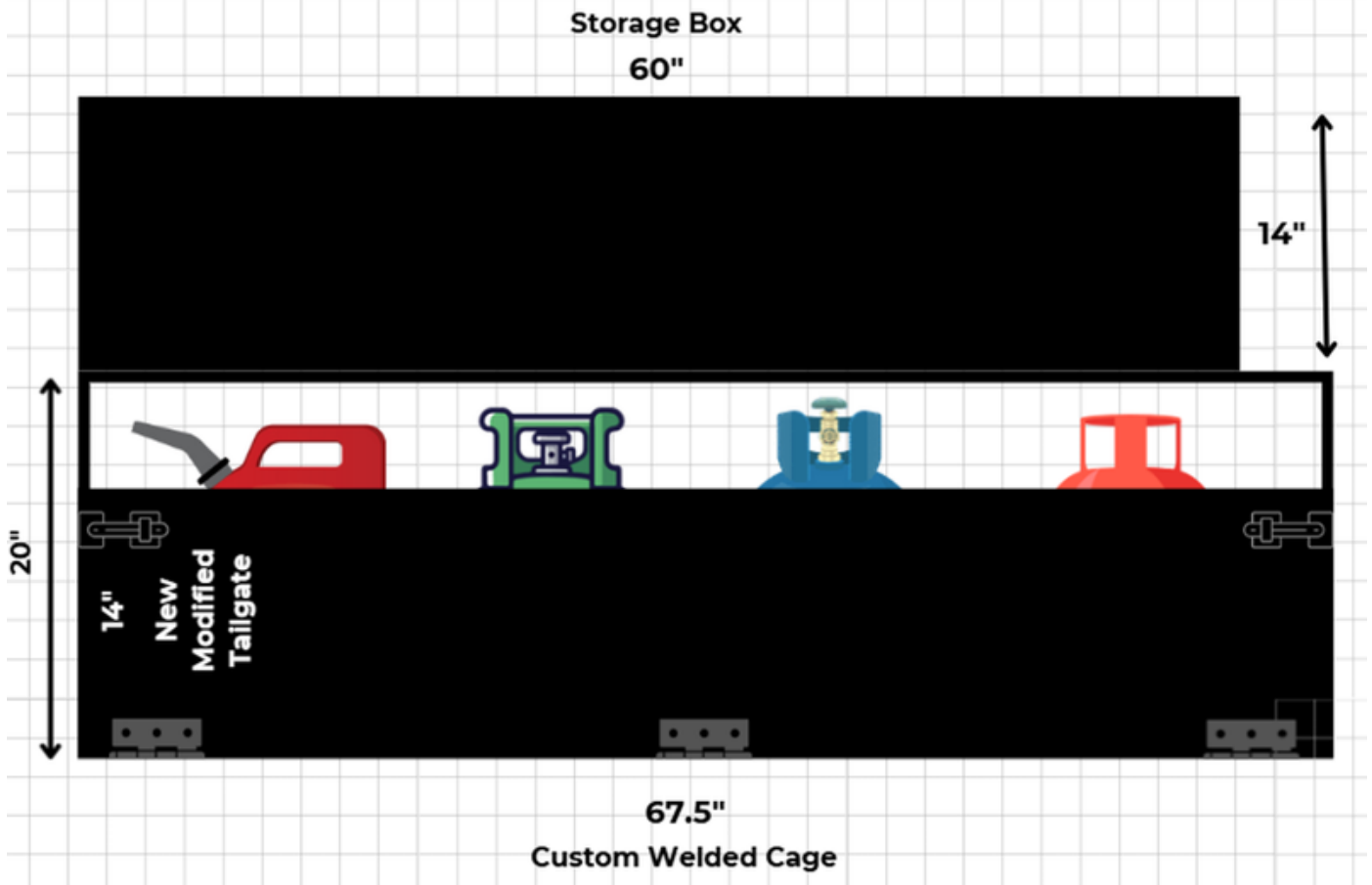
How does this Innovation benefit SCDOT:

The Wonderbed improves safety, efficiency, and organization for our crew. By securely storing fuel cans, it helps prevent dangerous incidents and reduces strain on employees by eliminating heavy lifting over the truck bed. The fold-down side panel also doubles as a convenient workbench in the field. Built in just a few hours for less than \$50, the Wonderbed provides a low-cost alternative to commercial truck beds costing over \$10,000 — while adding extra storage and saving valuable time each day through better organization and easier access to equipment.

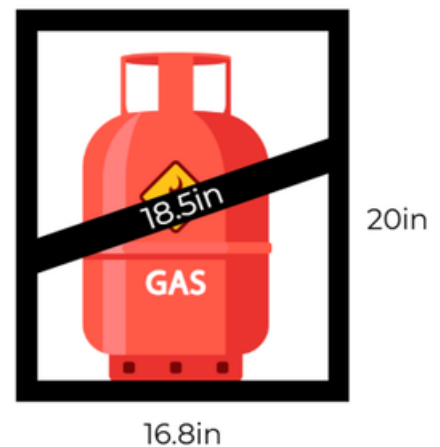


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Driver's Side View



View from back



Materials List:

- Angle iron
- Door hinges
- Chain