

Storm Sewer Inlet Puller

City of Easton, Northampton County

Problem/Challenge Addressed

There are many challenges associated with removing sewer inlet covers for inspection and cleaning. The traditional method requires multiple personnel, is labor intensive and takes a lot of time.

Method/Process/Product to Resolve Challenge

Using a sign post, chain with a hook, car jack, and four hours of labor, we were able to fabricate a more user-friendly tool for removing inlet covers. Plus, this inlet puller only cost us \$150 in labor.



Results/Key Takeaways

With the storm sewer inlet puller, we no longer need to use a backhoe to remove inlet grates. We were able to save a lot of time and money at the same time reducing the chance of injury when performing inspections and cleaning.



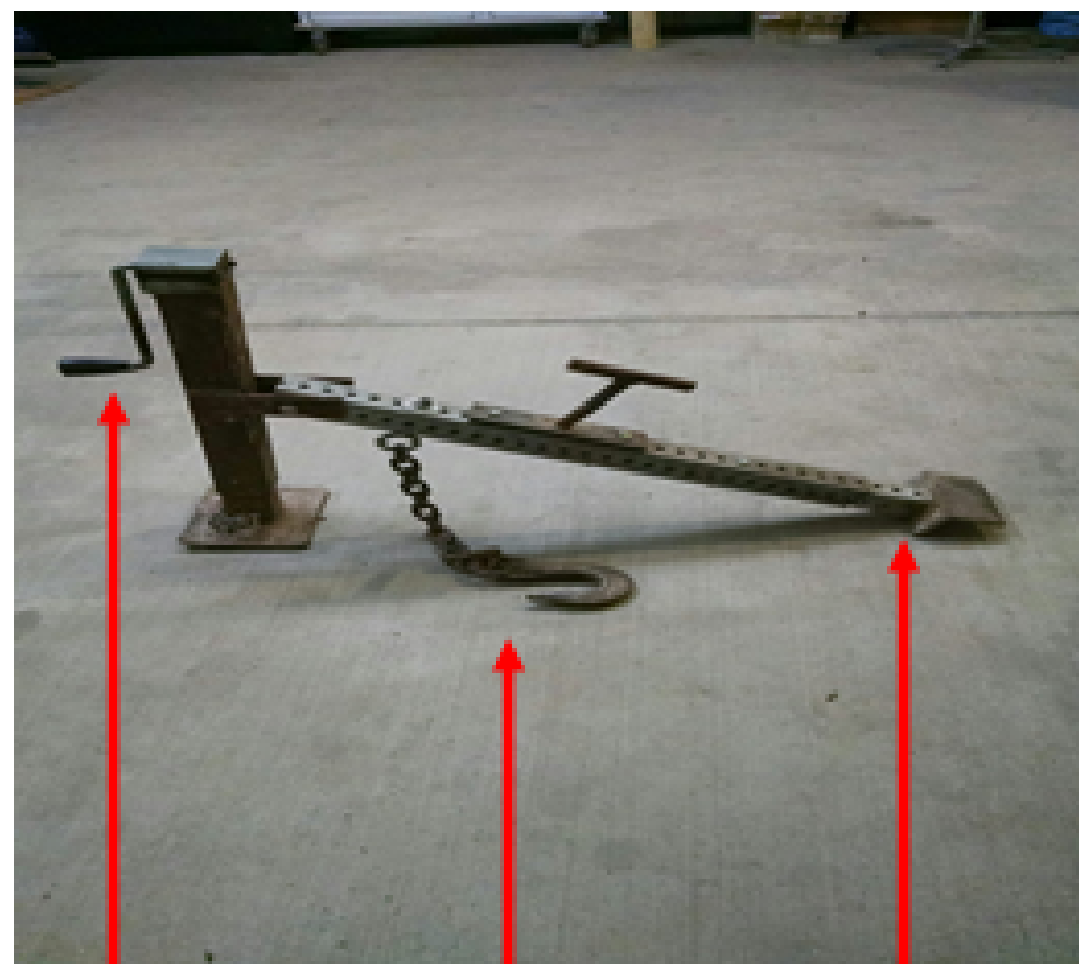
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- 1) Place over inlet grate to be removed
- 2) Plane angle iron against curb
- 3) Connect hook to inlet grate
- 4) Crank handle to pull inlet



Step 4
Crank
Handle

Step 3
Hook
Grate

Step 2
Place
against curb



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