

# Easy Bridge Brooming

## For more information:

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## What was the challenge you set out to solve?

Got tired of trying to get a good surface finish on bridge decks using a bull float broom and handles. Having 30ft of handle over the bridge cat walk, made it almost impossible to keep even pressure across the entire width of bridge deck.

## How did you develop and implement your solution?

We bought two 16" barn brooms, cut one in half and added it to the outside of the whole broom using scrap plywood and screws. We installed both handles, cut them to two feet in length, and installed 30 ft. of rope to the handles. With a person on each side of bridge, one person pulls the broom, while the person on the opposite side holds back tension to control angle of broom and down pressure.

## What did it take to make this solution a reality?

- 2- 16" X 4" barn brooms
- 60' of 3/8 rope
- Scrape plywood and screws
- 1/2 labor

## What was the cost of implementation?

Under \$100

## What was the impact and results of your efforts?

We get a better wearing surface on our concrete and it eliminates the hazards of 30' of metal handles hanging into space, possible hitting other people or power-lines.

