



## Cart

- ◆ Building was required for the shelving.
- ◆ Made of Sheet metal and Angle Iron.
- ◆ Roughly 6 feet high
- ◆ Bottom tray/wheels were already designed and built from previous projects

## Procedure:

- ◆ Mark beginning and ending points
- ◆ Start logging data
- ◆ Push cart at a steady pace (walking pace) to the end point.
- ◆ Stop logging data
- ◆ Every 10 minutes repeat process



## Analysis:

- ◆ Analyze data with Raven's software
- ◆ Combine the graphs of the plotted line for each 10 minute intervals for a one hour period.
- ◆ Measure the distances in Arc Explorer while projected on the map
- ◆ Compare the differences throughout the day for each Receiver against itself.