

Another “Big Red” Solution

ASP has created the Big Red AI (Area Inlet) Protector. Thanks to the tremendous success of the Big Red Curb Inlet Protector, we were able to expand the product line to solve another issue. Area inlets have always been a difficult one, with very few options, other than installing silt fence around them with limited effectiveness and frequent repairs to keep it up.



Our new Big Red AI Protector is meant to significantly outperform silt fence and be installed in minutes. A few of the features that are improved over silt fence are the high flow rate geotextile, the cross supports that make the whole assembly more rigid and its **reusability**. One issue with silt fence is its low flow rate that backs up water which ultimately overwhelms it and causes failures. The higher flow rate fabric, slows down the water enough to allow sediment to settle but still lets water through fast enough to not get overwhelmed. The cross supports also add to the Big Red AI Protector ability to withstand large rain events.

The Big Red AI Protector will come to you rolled up with all the fabric and bars you need to install it quickly. The fabric has pockets sewn into it to accept the corner supports. The cross braces are easily slid over the vertical corner posts and there are no tools required except a mallet to drive the posts into the ground.

One important note is that these still need to be trenched into the ground surrounding the inlet. Any inlet protection will only protect as good as its weakest point, and water is good at finding the weakest point. **The best part is-It’s Reusable!!**

Mark Stirnaman, CPESC-IT



The Big Red Curb Inlet Protector's effectiveness is rock solid.



Over 3 acres of disturbed land drain into this area inlet. Note the sediment build up.

SWP-CI

BIG RED Area Inlet Protector Product Reference

GEO SOURCE

Product

The Big Red Area Inlet Protector is a REUSABLE area inlet protector that keeps out sediment throughout the entire construction project. The Big Red Area Inlet Protector is made of highly durable permeable fabric and stiff iron supports to last as long as you need it. For correct installation, trenching the bottom 6 inches is critical.

Fabric Properties

| Property | Test | Units | Value |
|-----------------------|------------|----------|-----------------|
| Weight | ASTM D5261 | oz/sq yd | 9.3 |
| Grab Tensile Strength | ASTM D4632 | lb | warp250 fill290 |
| Tear Strength | ASTM D4533 | lb | warp60 fill50 |
| Burst | ASTM D3786 | psi | 440 |

Installation

Simple installation also translates into simple removal, cleanup and re-use at the next project or phase. Maintenance is simple as well by digging away the sediment in front of the protector. If necessary, remove the steel support rods, knocking off the dirt and reinstall. If it is severely plugged with sediment, wash it off in a vegetated area and it is as good as new.

ASP
ENTERPRISES
Quick Supply Co.
The Midwest's Most Trusted
Site Solutions Provider



"Big Red" AI Protector, recently installed with trenched in bottom and tight sides.



"Big Red AI Protector with 4" sediment load after initial Rain Event.

The Logo Corner:
Here are just a few of the Manufacturers we know and trust:

