

Logan International Airport | Billings, MT

Presto Geoweb

Owner

City of Billings

Contractor

COP Construction

Consulting Engineer

Morrison Maierle Inc

Application

Geoweb erosion solution employed for airport storm water improvement plan

Why was this product chosen over other options?

Because of its flexibility and ability to provide erosion protection with various infill materials, the Presto GEOWEB confinement system was chosen to provide erosion protection to the open channels and the embankments of stormwater detention ponds.

Project Challenges

The airport is sloped at 2% with a large storm water pipe system. The slope and 48 inch pipes produce high velocities of storm wa-ter during storm events. The challenge was lining the open channels and high flow channels with a pervious material that would not create ponding, but provide erosion control. The GEOWEB system with clear stone fill was a good design fit to provide the desired infiltration.



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