

## Texas Solar Farm

Texas, USA



### Featured Product:

Geogrid

### Product Advantages:

- Reduces stone infill
- Mechanically stabilizes roadways
- Eliminates soil cement
- Increased longevity of roads
- Cost savings
- Reduces adverse environmental effects - less trucks necessary to import/export fill

### The Challenge

A site development contractor tasked with clearing, grading, road/laydown yards and vegetative establishment on a solar farm anticipated issues with soft soils. A geotechnical report determined that a thick aggregate layer and soil cement to stabilize the roadway was required. After calculating the stone and soil cement costs, the contractor contacted Ferguson Waterworks for alternative solutions.

### The Solution

Ferguson was able to reduce the stone base from 17" down to 6" by implementing a geogrid solution. The originally proposed use of 12" soil cement was also eliminated on the heavy duty access roads saving the customer hundreds of thousands of dollars.

Savings on access roads – roughly \$285k

Savings on laydown yard – roughly \$363k

For more information contact your local GSA or email [infogeo@ferguson.com](mailto:infogeo@ferguson.com)