



CASE STUDY

CW MATTHEW USES FODS CONSTRUCTION ENTRANCE ON \$90M OLD ALABAMA ROAD WIDENING PROJECT

BACKGROUND

The Georgia DOT is in the process of multiple major highway expansions throughout Bartow County, northwest of Atlanta. The full scope of the Transportation Improvement Program (TIP) includes new connecting roadways, multiple widening projects and bridge renovations. In 2021, the \$90M+ Old Alabama Road widening project was the largest construction operation in Bartow County according to Tom Sills, the Transportation Planner of the Cartersville-Bartow County Metropolitan Planning Organization (MPO).

The Georgia DOT awarded the project to long time partner CW Matthews who has completed many similar projects throughout the state. The planned expansions would cause redirecting of traffic to alternate routes and cause reduced operational lanes as travelers pass the construction zones. Experienced highway contractor CW Matthews takes precautions to maintain road safety and minimize traffic impacts by leveraging efficient scheduling and utilizing the leading best practices.

CHALLENGE

NPDES permits require builders to minimize the impact of construction activity on surface waters. The construction entrance BMP is designed to remove sediment and debris from vehicle tires before leaving the construction site. The construction entrance BMP is a critical part of highway construction projects as construction vehicles. Any debris tracked onto active lanes can cause both environmental and safety hazards.





Linear highway projects often require tens or hundreds of entrances as contractors move through each phase of work. When choosing a construction entrance solution, contractors and engineers must explore solutions that minimize tracking, are cost effective over the full scope of the project, and minimize roadway hazards.

SOLUTION

CW Matthews chose FODS Trackout Control System for use on this project due to the systems safety and effectiveness. The FODS system enabled CW Matthews to greatly reduce street sweeping by 80% compared to traditional aggregate style construction entrances. In addition, the rockless system does not introduce aggregate to egress points where stones tracked onto the roadway can cause hazards to vehicles and become lodged in dual tire vehicles.

The FODS system is designed to be reused on multiple projects. During the Old Alabama Widening Project, the same FODS system could be relocated and reused on successive phases of the nearly six mile project. The compact mats can be loaded onto a single trailer during installation and removal which reduces construction delivery traffic needed for each phase



of the job. Similarly, when maintenance is required, the FODS system is simply cleaned and does not require additional deliveries of aggregate. The cleaning process is simple and the contractor reported that maintenance only took a few minutes each day.

ABOUT FODS, LLC.

Based in Englewood Colorado, FODS Trackout Control System replace ineffective and costly traditional rock stabilized construction entrances, saving you valuable time and money. Our proprietary mat design works to effectively remove mud and sediment from your vehicle tires without damaging the tire or the ground's surface. We provide the only durable, reusable, and environmentally friendly trackout control system currently available on the market. FODS Trackout Control Mats are 100% Made in the USA and are reusable and recyclable.