



CASE STUDY

OLD VETERANS CONSTRUCTION DEPLOYS FODS ON MASSIVE CENTRAL TRI-STATE TOLLWAY I-294 WIDENING AND RECONSTRUCTION PROJECT

BACKGROUND

The ongoing \$4 billion dollar Central Tri-State Tollway Project, a massive undertaking by the Illinois Tollway Board of Directors and Illinois Department of Transportation (IDOT), involves reconstructing and widening the I-294 Chicago bypass to meet current and future demand. In addition to upgrading the road system, the scope of work involves integrating flex-lanes, and adding SmartRoad technology. Crews are placing fiber optic cabling along the interstate to upgrade the communications infrastructure.

CHALLENGE

Daily traffic on this part of the highway exceeds 220,000 vehicles and contractors must work efficiently to reduce the impact on affected populations. Highway construction and cable installation projects involve segmented work, and require effective trackout control measures to keep debris from entering the roadway. Due to the ongoing nature of the project which requires the work to be done in multiple phases, over 60 separate stabilized construction entrances are needed over the course of the project.

While traditional gravel tracking pads can be used in this situation, construction operators face a number of significant challenges with this solution. Gravel tracking pads take time to properly install and remove which is repeated for each segment of the project. Tracking pads also require regular maintenance to remain effective and aggregate that is spilled to tracked onto the roadway can create a hazard to workers and passing vehicles. In some cases where space is limited, aggregate tracking pads can be infeasible to implement at the proper length which can increase the risk that pollution and debris will leave the jobsite.





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SOLUTION

Old Veterans Construction recognized that this interstate project was an ideal candidate for the FODS manufactured trackout control device. FODS Trackout Control is a complete reusable replacement for traditional rock stabilized construction entrances, and when there is limited space to implement vehicle tracking controls, the modular design of the system allows contractors to adapt the FODS layout as needed to remain in compliance in the most challenging job site conditions.

The speed and ease of installation allows OVC to install FODS Mats where needed for the completion of each segment. Then move the system to other areas of the project for use again and again. A standard FODS layout can be installed in as little as twenty minutes which adds up to a significant reduction in preparation time.



FODS patented staggered pyramid design prevents tracking from work sites, and removes more sediment than tracking pads. FODS mats effectively remove trackout over shorter distances. Besides eliminating the aggregate costs, FODS reduced the amount of time needed to install the 60 stabilized construction entrances on this project. This modern reusable trackout control system allowed the project to progress faster and will continue to provide better trackout control throughout the duration of the project and the ten-year plus lifespan of the mats.

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.