

## **<u>CASE STUDIES</u>** America's powerhouse & technology hub leverages fods improved construction Entrance

## BACKGROUND

As the second-largest economy in the country, Texas is a hub of energy, agriculture, and technology. The state is America's powerhouse producing the highest volume of petroleum and natural gas to fuel transportation and industry across the county. The Lone Star State also boasts the nation's largest renewable energy capacity, thanks to vast wind and solar farms, enabling some towns to supply 100% of their energy demands from renewable sources. Texas welcomes innovation and has a rich history of achievements. In 1970, Houston's NASA Johnson Space Center played a pivotal role in enabling the first manned missions to the moon which captured the nation's imagination, and today, technology juggernauts and startups alike are choosing Austin's "Silicon Hills" to bring their ideas to life. Despite enduring tragic natural disasters, the state continues to outpace the national average and attract new investment. Construction and industrial operators across the state are implementing FODS reusable construction entrance to contain stormwater pollution.

### **TECHNOLOGY & MANUFACTURING UPDATE TO FODS TRACKOUT MATS**

Providing high speed internet connectivity and abundant renewable energy, Austin provides an ideal breeding ground for technology companies committed to responsible operating practices. The area dubbed, "Silicon Hills" is known for the high density of technology companies that operate server farms, digital services, and manufacture cutting edge products. A new campus being built just north of Austin is expected to provide up to 15,000 new jobs to the technology hub. Austin's contractors are using FODS trackout control mats to provide cleaner construction access on these projects. Implementing effective stormwater BMPs, contractors play a role in the efforts to lower environmental impact and protect surface waters.



## **CASE STUDIES**

## AMERICA'S POWERHOUSE & TECHNOLOGY HUB LEVERAGES FODS IMPROVED CONSTRUCTION ENTRANCE

## ENERGY CONTRACTORS USE FODS STABILIZED CONSTRUCTION ENTRANCE

In Baytown just east of Houston, a \$2 billion chemical expansion project has broken ground. With 45 years of service to the Texas railroad and energy industries, WT Byler was chosen to begin site preparation work on the job. Because the excavation of large areas often requires hundreds of dirt haulers to access the job site each day, an effective construction entrance is crucial to avoid delays. Using best-in-class technologies to stabilize job site entrances, WT Byler reduces vehicle trackout and delays helping to keep projects on schedule. FODS Stabilized Construction Entrance System is effective and durable resulting in less downtime from maintenance and

#### LAND DEVELOPMENT EMPLOYS FODS HIGH-VOLUME STABILIZED ENTRANCE

Further south, Harris County and other coastal communities are funding major excavation projects to increase resilience against flooding. These projects, expected to continue for over a decade, will remove unprecedented amounts of soil from bayous,



rivers and lakes. Studies have been conducted during these

projects to explore techniques to control sediment and erosion on construction exits. The FODS construction entrance BMP was demonstrated to reduce street sweeping by 59% compared to traditional construction entrances. In addition, a reduction in required maintenance frequency allowed

The FODS Stabilized Construction Entrance System is able to handle high traffic volumes without degrading in performance. In addition, FODS requires less maintenance than aggregate based stabilized construction tracking pads. Using FODS to replace rock exits or rumble plate exits effectively reduces vehicle trackout and eliminates the risk of debris becoming lodged in dual tire vehicles. Contractors using FODS across the state have benefited from improved the BMP by lowering costs and liability.

# FODS IN THE FIELD

# **CASE STUDIES**

## AMERICA'S POWERHOUSE & TECHNOLOGY HUB LEVERAGES FODS IMPROVED CONSTRUCTION Entrance

## **TEXAS LANDFILLS USING PLASTIC RUMBLE PLATES**

Landfill sites contain debris that can be tracked onto roadways and present a hazard to travelers. In this permanent application, high volumes of traffic access the site on a daily basis. Waste Management employs FODS rockless, plastic rumble plates to reduce vehicle trackout and eliminate the risk of aggregate becoming lodged between dual tires. Cleaner and safer roads help landfills reduce risk and liability of roadway debris and can be easily maintained without the use of heavy equipment.

### LAND TEXAS RAILWAY CONTRACTORS USING FODS

The railroad industry remains a low emission and low

cost means to transport cargo. The BNSF Railway, which spans from the Gulf Coast across twenty-eight states to the far northwest, constitutes one of the largest networks in the country. The ability to quickly respond to derailment events allows BNSF to keep the 8,000+ locomotives in motion. Railroad contractors working on the railway are turning to FODS to reduce delays by providing immediate access to work locations.

The rockless system can be quickly deployed and relocated as needed to complete the work and stay

## **ABOUT FODS**

Based in Englewood Colorado, FODS Trackout Control System replaces 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.