

# REINVENTING TRACKOUT CONTROL:

Sustainable Compliance with FODS  
Trackout Control Mats

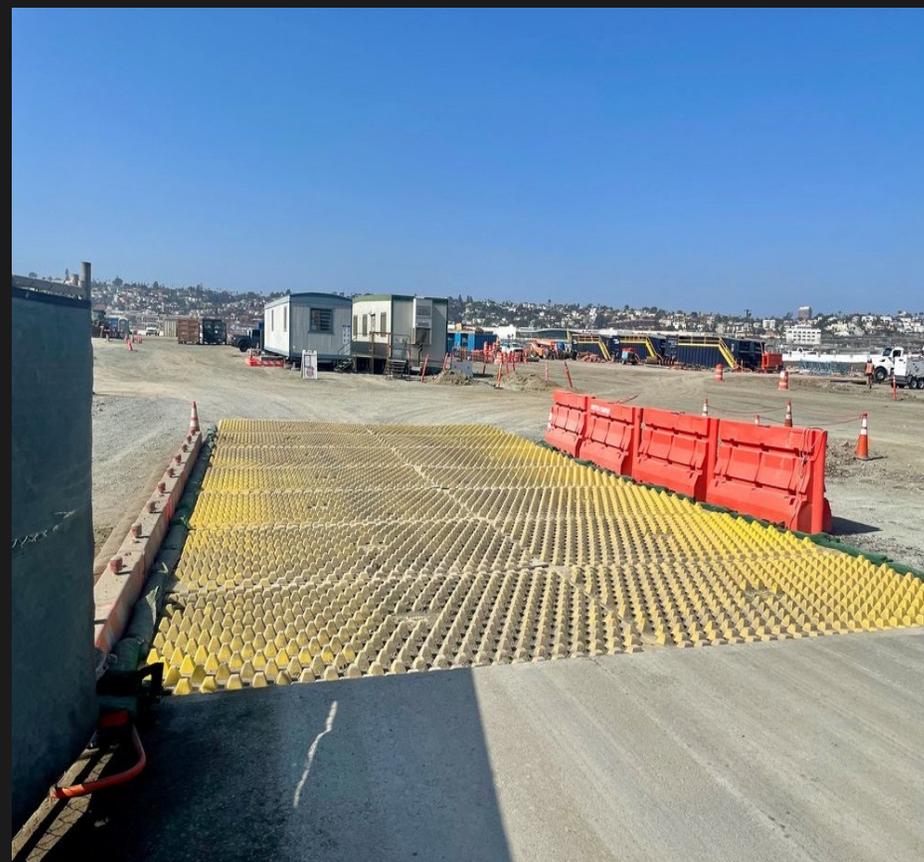


**STORMWATER AWARENESS WEEK 2025**



## POINTS FOR DISCUSSION

Why Trackout Matters  
Overview of BMP Options  
FODS Technology & Performance  
Comparison: Rock vs Rumble vs FODS  
Installation & Maintenance  
Case Studies & Videos  
Q&A



# An Introduction to Trackout

**What is it?** DIRT, MUD, SEDIMENT or DEBRIS carried off site by vehicles & equipment.

**How it happens:** Material gets lodged into tire treads, machinery tracks & undercarriages on the site.

**Why it matters?** Material then enters Public Roads, Storm Drains and Waterways.

**Impact of Trackout?** Environmental Pollution, Roadway Hazards, Stormwater Compliance Violations, Public Health Concerns



# Trackout Matters for Regulatory Compliance

## Federal Level

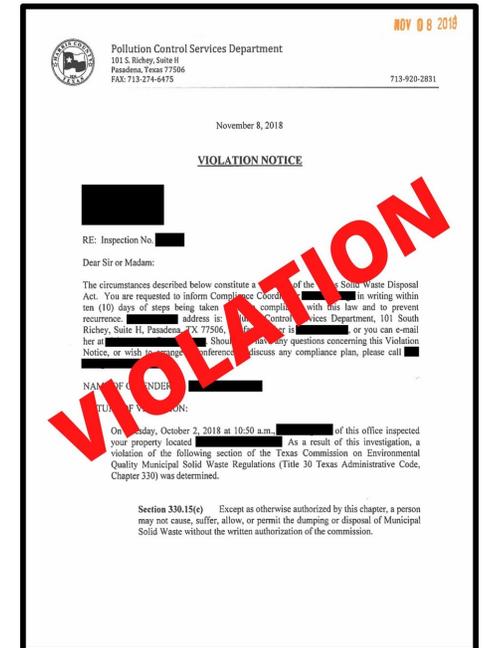
- Clean Water Act – NPDES Construction General Permit (CGP)
- Requires BMPs to prevent sediment discharge, including trackout controls

## State/Local Level

- State-Specific stormwater permits & BMP details (Caltrans, Various DOTs).
- Local MS4 Ordinances may impose stricter requirements

## Inspection & Enforcement

- SWPPP must include *Stabilized Construction Entrances or Equivalent BMPs*
- Daily inspections/maintenance required during active operations



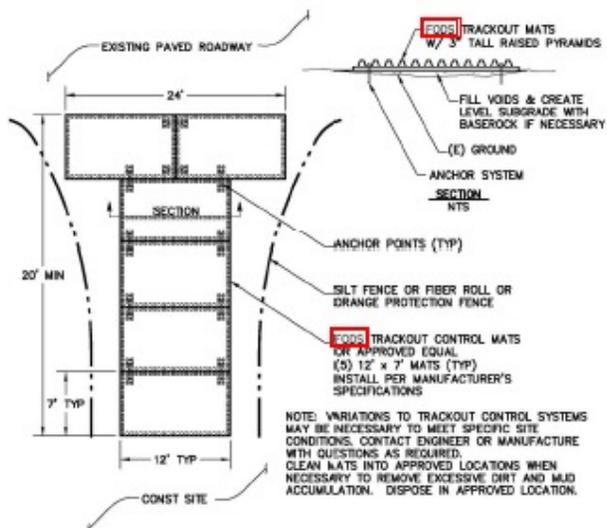
# What is a Construction Entrance?

- Required on almost all construction sites
- Prevents tracking of sediment from jobsite to maintain compliance

## EPA Definition:

TRACKING CONTROL TC-1 STABILIZED CONSTRUCTION ENTRANCE/EXIT  
Stabilized construction access is a defined point of entrance/exit to a construction site that is stabilized to reduce the tracking of sediment (mud and dirt) onto public roads by construction vehicles. Stabilized construction entrances are an effective method for reducing tracking of sediment from the construction site.

## California Construction Entrance Specification



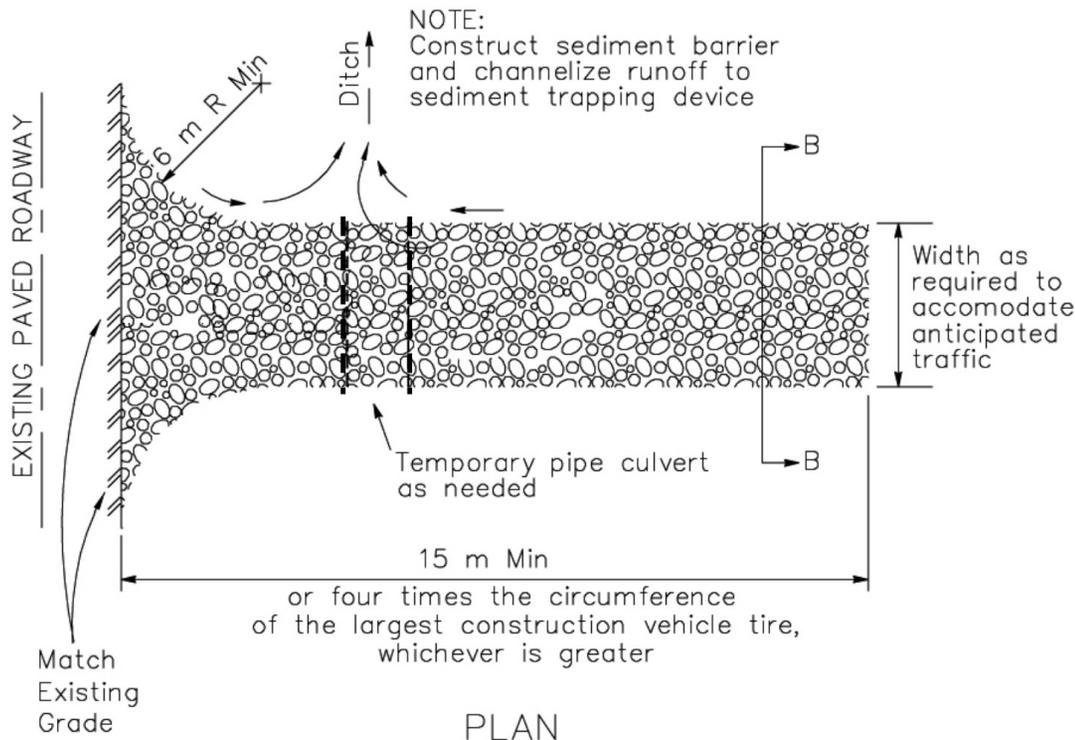
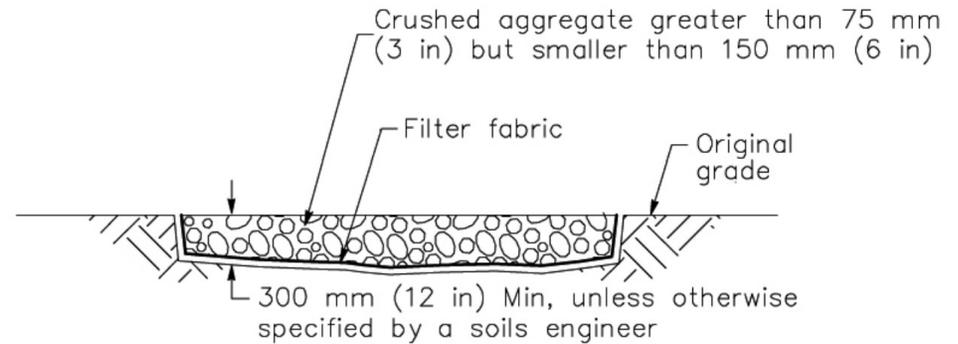
FODS are approved for use by CA DOT



# Traditional TC-1: Aggregate

Layer of aggregate (3"-6" rock) over geotextile fabric at site entrances

50' long x 12" deep if using rock between 3" - 6" diameter



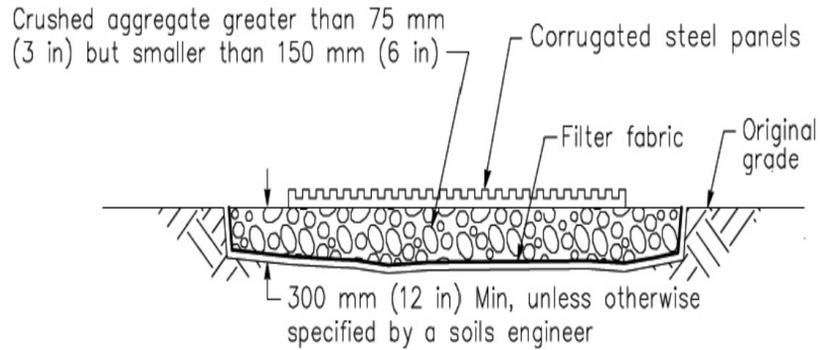
**Pros:** Widely accepted BMP, material available for sourcing

**Cons:** requires excavation & geotextile base, frequent rock refresh due to rock being crushed and ineffective, special equipment, costly & labor intensive, not very portable.

# Traditional TC-1: Rumble Plates

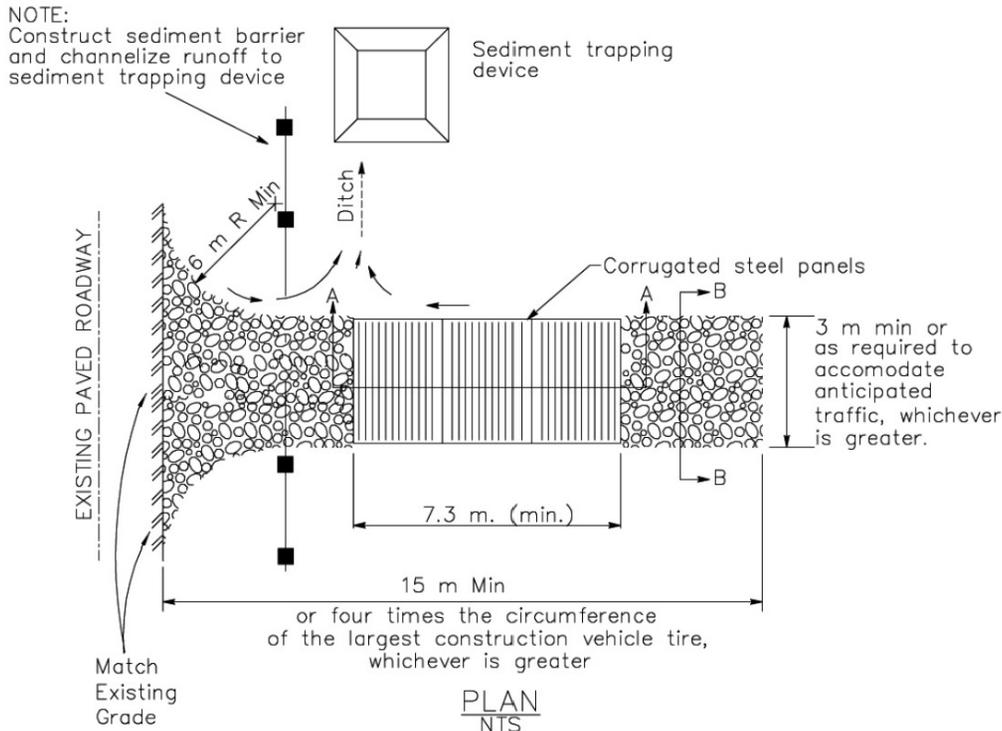
Layer of aggregate (3"-6" rock) over geotextile fabric at site entrances

50' long x 12" deep if using rock between 3" - 6" diameter



**Pros:** Widely accepted BMP, material available for sourcing

**Cons:** requires excavation & geotextile base, sediment traps, frequent rock refresh due to rock being crushed and ineffective, special equipment to support and move steel plates, costly & *increased labor required, not very portable.*



Weight of steel rumble plates:

8' x 10' = 1,460 lbs

8' x 12' = 3,960 lbs+

# Traditional Wheel Washing Station

Water-based Cleaning System for tires & undercarriages

**Pros:** Thorough cleaning of tires and undercarriage

**Cons:** requires large footprint for equipment, excavation, requires extensive drainage system, water supply, sediment trap, limited portability, *high installation & maintenance costs, extremely costly not readily available*  
*\$17K to \$25K+*



\* We see FODS used as a a 'Secondary Treatment' as vehicles exit the station prior to entering roadways.

# FODS - Modern Alternative

## Stabilized Construction Entrance without Aggregate

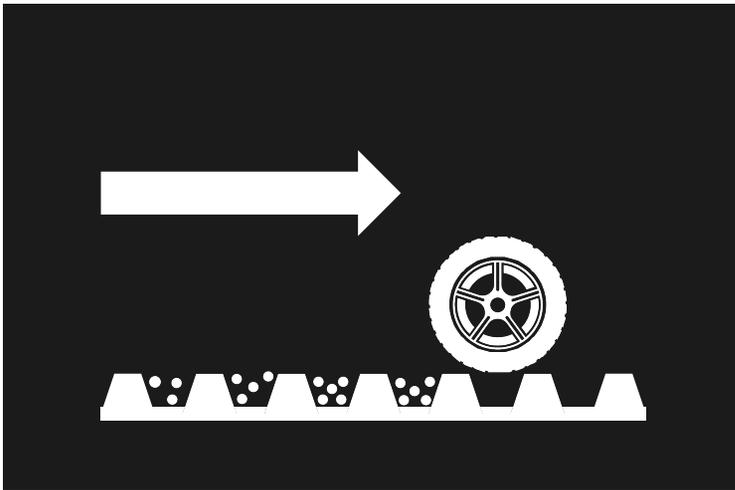
### FODS Construction Exits

- Portable, Modular & Reusable Panels
- FODS Will Not Compact
- Minimal Ground Disturbance
- Engineered to Dislodge Sediment with its Elevated and Staggered Surface Design
- Mud & Sediment Falls To The Base of Mat
- 60% Reduction in Street Sweeping Activity\*
- Ease of Installation & Maintenance



\* Backed by Third-Party Testing

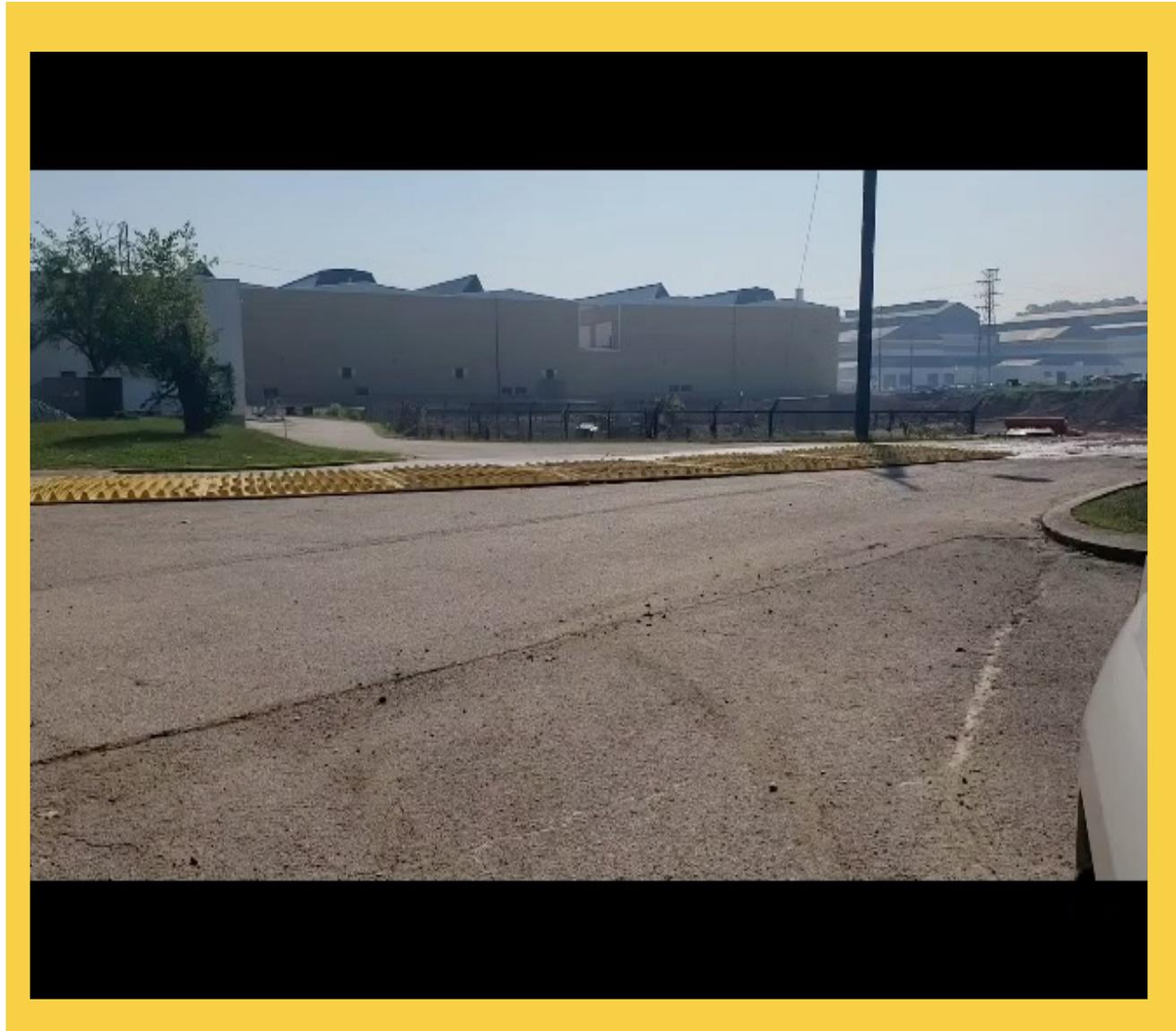
# How Composite MATS Work



Tire contact flexes tread

Sediment released onto the  
mat surface for collection

Effective at reducing sediment entering public roads and storm drains.



# Industries



Commercial



Industrial



Civil



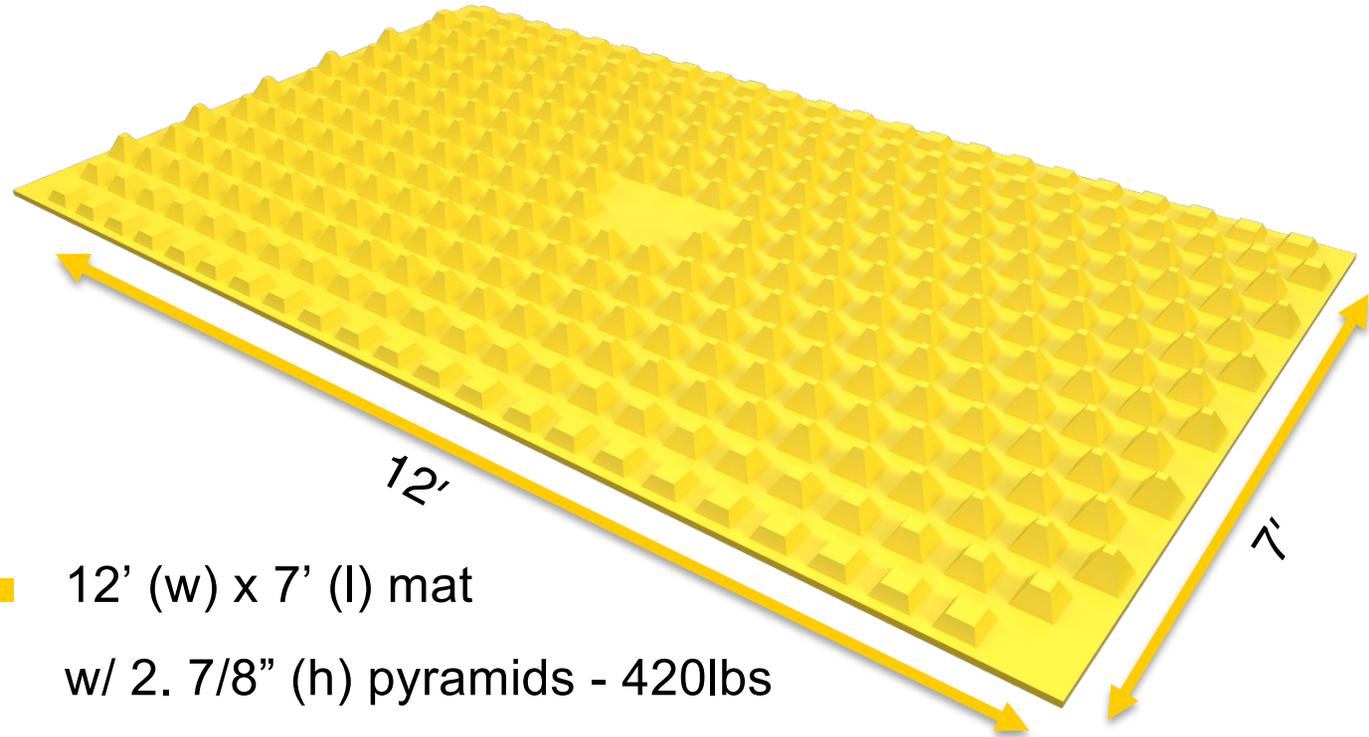
Aviation



Energy

← efficient, effective, versatile →

# FODS: Technical Details



- 12' (w) x 7' (l) mat  
w/ 2. 7/8" (h) pyramids - 420lbs
- Modular System
- Constructed of HDPE
- Rapid installation/relocation
- Designed for **10+ years** of use
- Can handle unlimited weight
- Install on any substrate



# Tough Enough for Any Jobsite!



**CONNECT 202**  
PARTNERS



# FODS vs Rock

## Standard Stabilized Construction Entrance



**Initial Installation 3-5 Trucks**



**Refresh Every 3-months**



**Removal 8 Trucks**

## FODS Trackout Control System



✓ Initial Installation 1 Truck

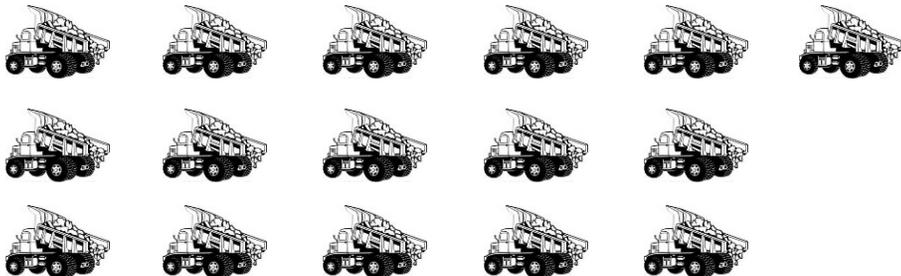


No-Refresh

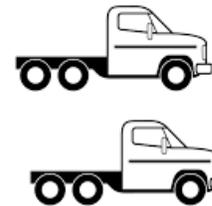


Removal 1 Truck

**Total Trucks Required for a 12-Month Project: 16 – 2**



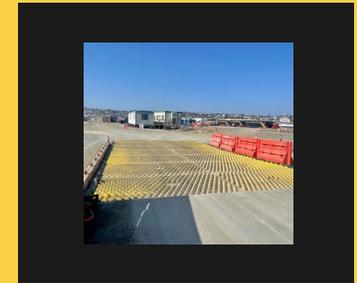
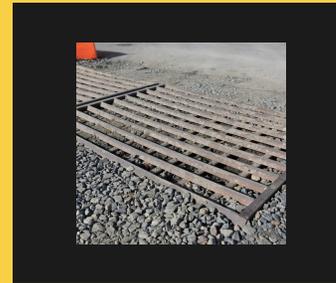
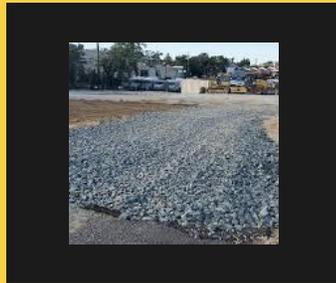
**VS**



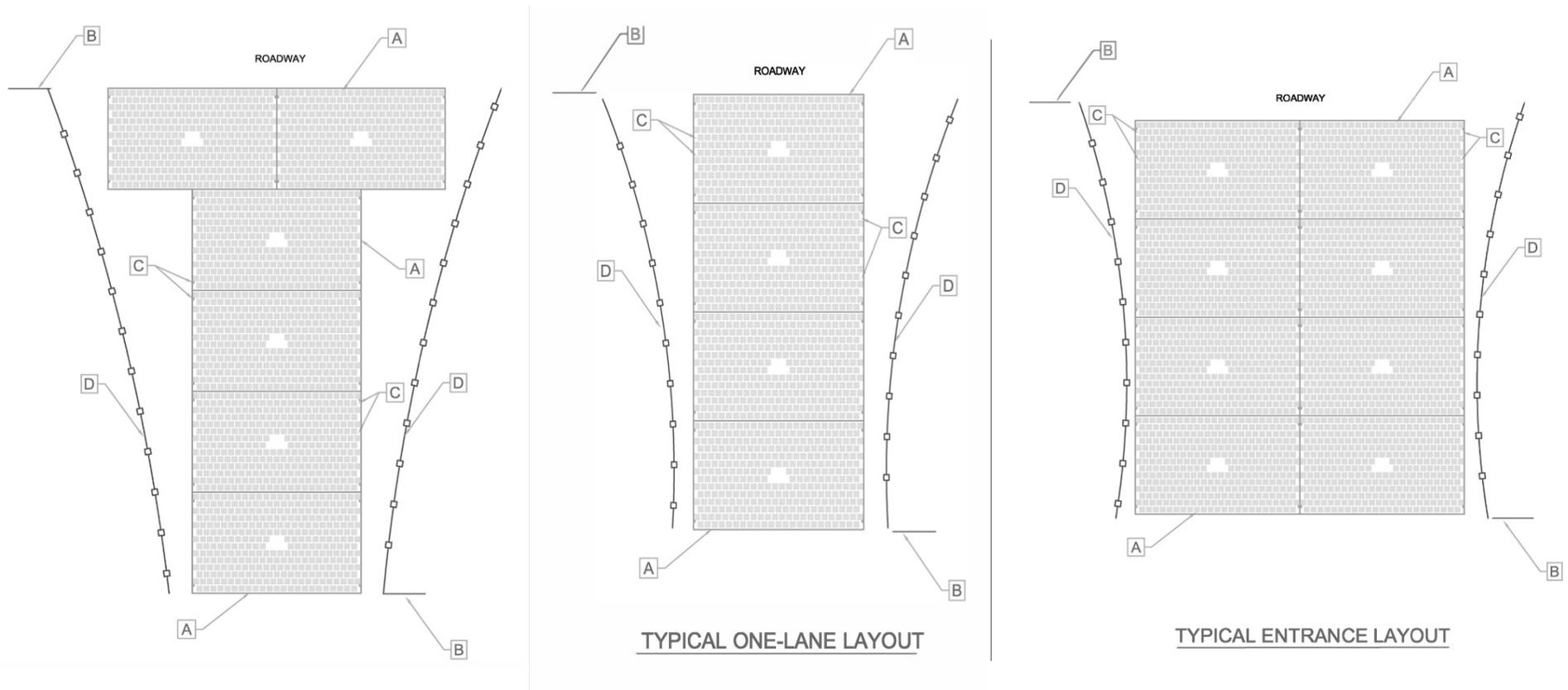
# Add Value to Your Projects

## COMPOSITE MAT EXAMPLE SPECIFICATION

FEATURES	ROCK PAD	RUMBLE PLATE	COMPOSITE MAT
LENGTH REQUIREMENT	50-70 FT	~20 FT SECTION W/ROCK	30-35 FT (MODULAR)
INSTALLATION	EXCAVATION + ROCK	CRANE + HEAVY EQUIPMENT	MAT MOVING TOOL
MAINTENANCE	FREQUENT REFRESHES	DAILY CLEANING	CLEAN W/ SWEEPER/BROOM
LIFESPAN	ONE TIME USE	MID-TERM DEPENDING ON STRUCTURAL QUALITY	10+ YEARS REUSABLE



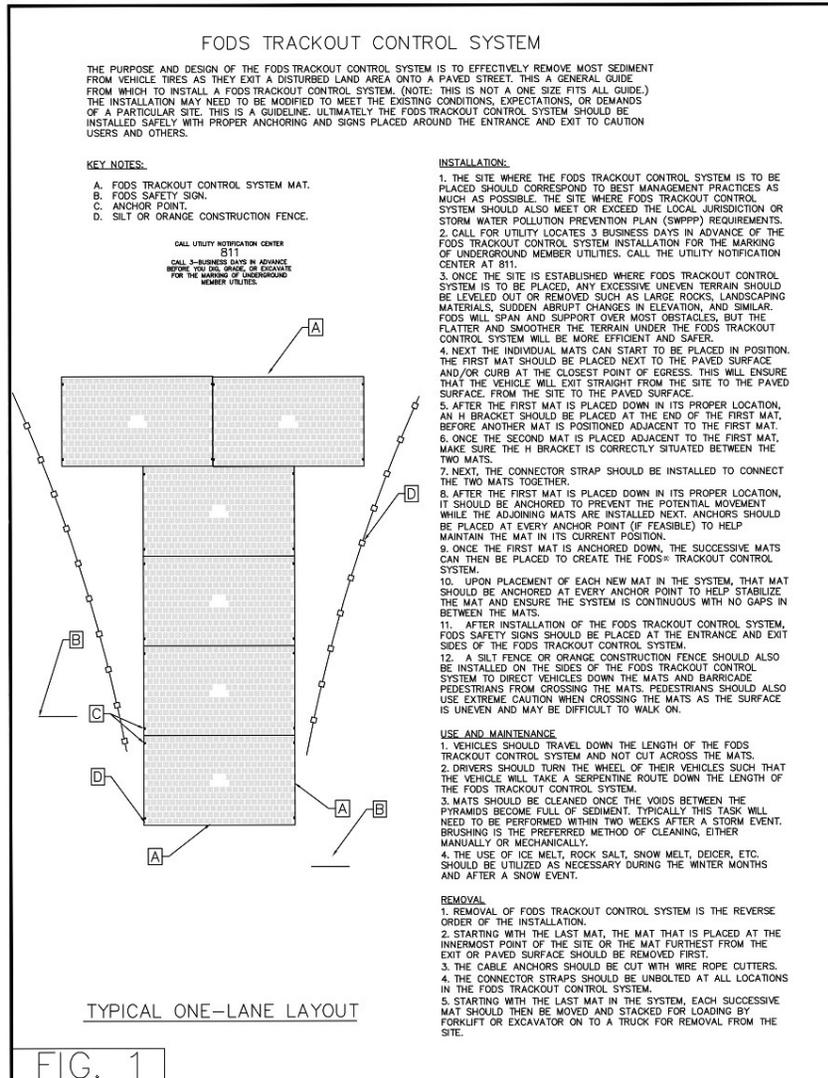
# Modular Layouts to Meet Project Needs



**The innovative and modern construction entrance!**

- Find a layout to perfectly meet your specific site requirements

# Recommended FODS Alternate



**35' of FODS Mats without Rock**  
**T-shape allows for a wide turnout**

**Meets BMP intent for “stabilized construction entrance”**

**Can be written into SWPPP’s alongside rock/rumble plates**

**Configurable to meet required entrance lengths**

**Sustainable & Reusable**



# Installation/Maintenance

## Minimal Prep Work

- Flat Stable Ground (No Excavation)

## Placement and Anchoring

- Forklift/Skid to unload panels
- Anchor with 18" round head stakes or 6" concrete screws
- Use hardware kit for extra stability

## Timeframe

- 20-30 minutes per entrance
- Flexibility easy relocation as site phases advance





# Installation/Maintenance

## Inspection

Work into Daily  
SWPPP  
Inspection/sweep  
schedule

## Sediment Removal

Clean once buildup reaches  
~ 2inches



## Cleaning Methods

Manual:

FODS Shovel

Mechanical:

Skid-Steer Broom

Street Sweeper

Pressure Washer (if  
applicable by regulations)



## Advantages

Faster Deployment

Faster to Maintain

No Remediation



# Lifecycle and Reusability

SERVICE	REUSABILITY	SUSTAINABILITY	EFFICIENCY
<p>10+ YEARS WITH PROPER MAINTENANCE</p>	<p>CAN BE DEPLOYED OVER ANY SUBSTRATE ACROSS MULTIPLE SITES AND THROUGH MULTIPLE PHASES</p>	<p>REDUCES DEMAND FOR QUARRIED AGGREGATE LOWERS HAULING EMISSIONS AND REMEDIATION COSTS</p>	<p>ONE-TIME INVESTMENT NO RECURRING REFRESH CHARGES</p>

# Companies Who Trust Us



**HENSEL PHELPS**  
Plan. Build. Manage.



**Balfour Beatty**



**Xcel Energy**

**LENNAR**



**Kiewit**

**SWINERTON**

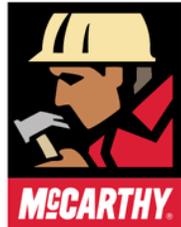


**GRANITE**

**LANE**



**Graniterock**



**Turner**



**Messer**

WeAreBuilding.

**SKANSKA**



**SAN FRANCISCO INTERNATIONAL AIRPORT**



**HOMBURG CONTRACTORS, INC.**

**Mortenson construction**



**HANFORD SAND & GRAVEL INC.**

**EXTRACTION**  
Oil & Gas

**Wharton-Smith, Inc CONSTRUCTION GROUP**



**COLORADO DEPARTMENT OF TRANSPORTATION**



**HOAR CONSTRUCTION**



**WT WHITING-TURNER**



**GEJOHNSON CONSTRUCTION COMPANY**

**AECOM**

**CLAYCO**

THE ART & SCIENCE OF BUILDING

**FHP F.H. PASCHEN**



**RANGE RESOURCES**

**BrightView**



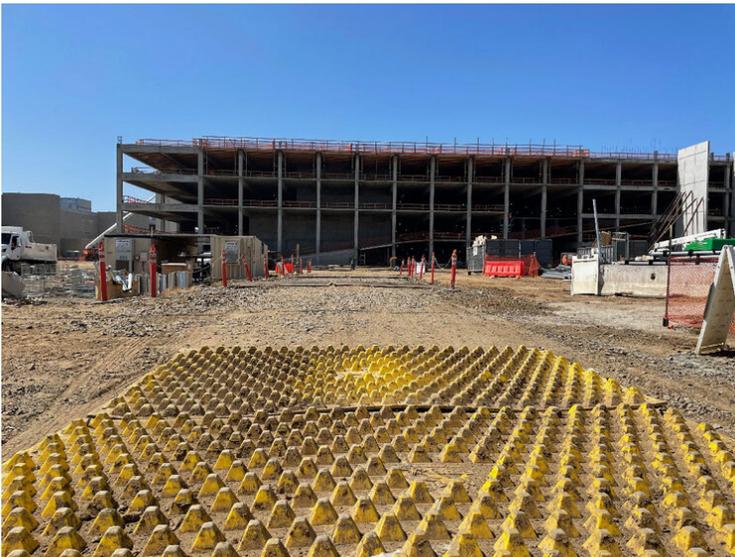
# FODS in California



Georgia Pacific  
Antioch, California



Lane / Security Paving JV  
I-10 Project



Fluor JV  
LAX

# Caltrans I-10 Tune Up Project

Lane-Security Paving Joint venture installs FODS



- Accelerated schedule - entrances needed to be compact and mobile to move as the project advanced along interstate 10
- Successfully prevented debris being tracked into busy streets and polluting stormwater
- Soil disturbance was minimal with FODS system



**SECURITY  
PAVING**  
COMPANY, INC.

LANE-SECURITY PAVING JV

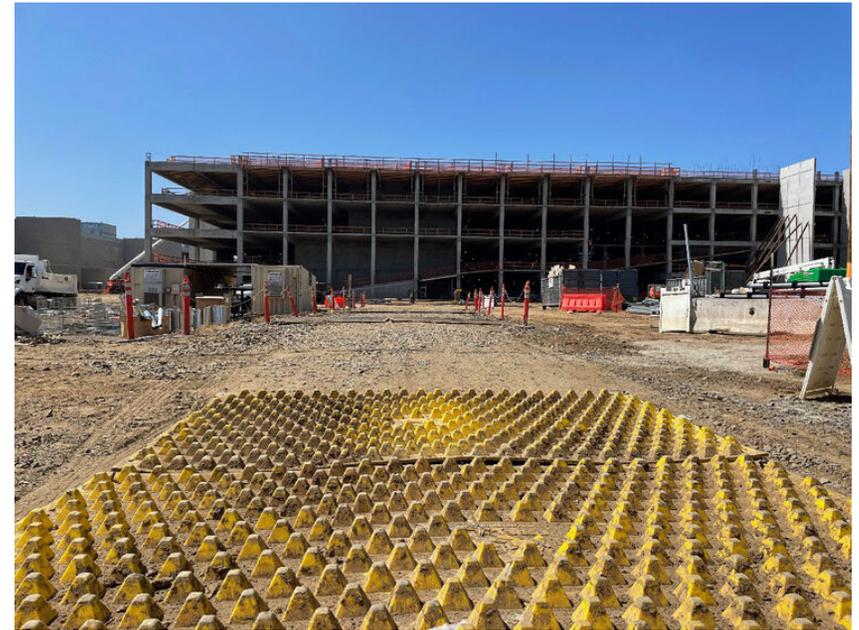


# LAX LAMP Project

\$14 Billion Dollar Modernization Program



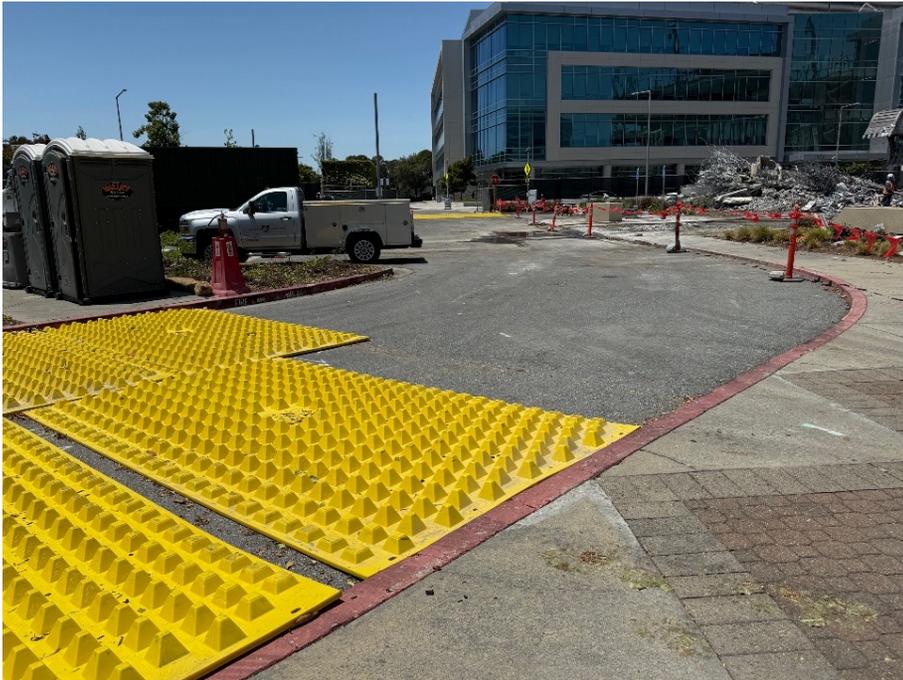
- FODS maintained strict environmental compliance / reduced fugitive dust
- Easily relocated around the project as needed



- Fluor Lead JV
- 5 major components including a new rental car facility & automated people-mover
- FODS used throughout the project

# Bay Area

Millie & Severson - Santa Rosa



Devcon – San Jose



McCarthy Builders – South San Francisco



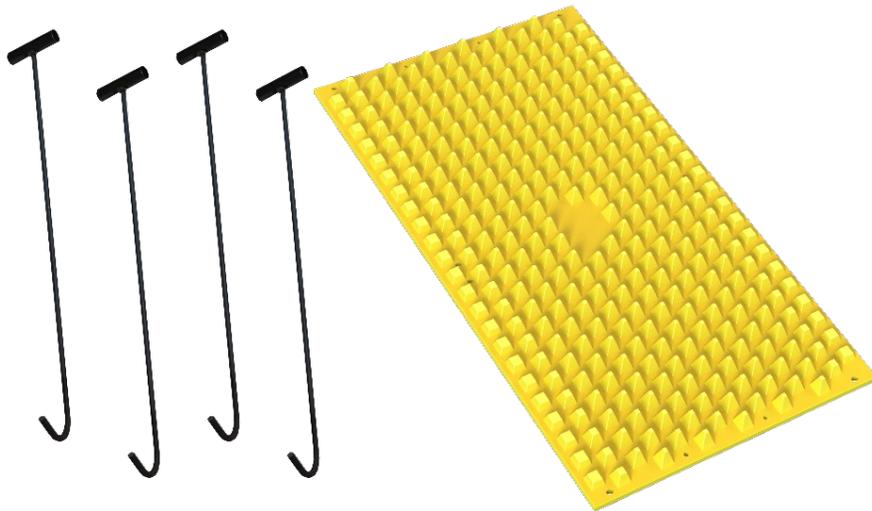
# Typical Layout Requirements

## Recommended on Every Job

- FODS Mats
  - 4-6 mats per exit
- Anchoring Method – 5 per mat
  - 18" Stakes or
  - 6" Concrete Screws
- Mat-Moving Tools
  - min. of 2 per entrance

## Optional:

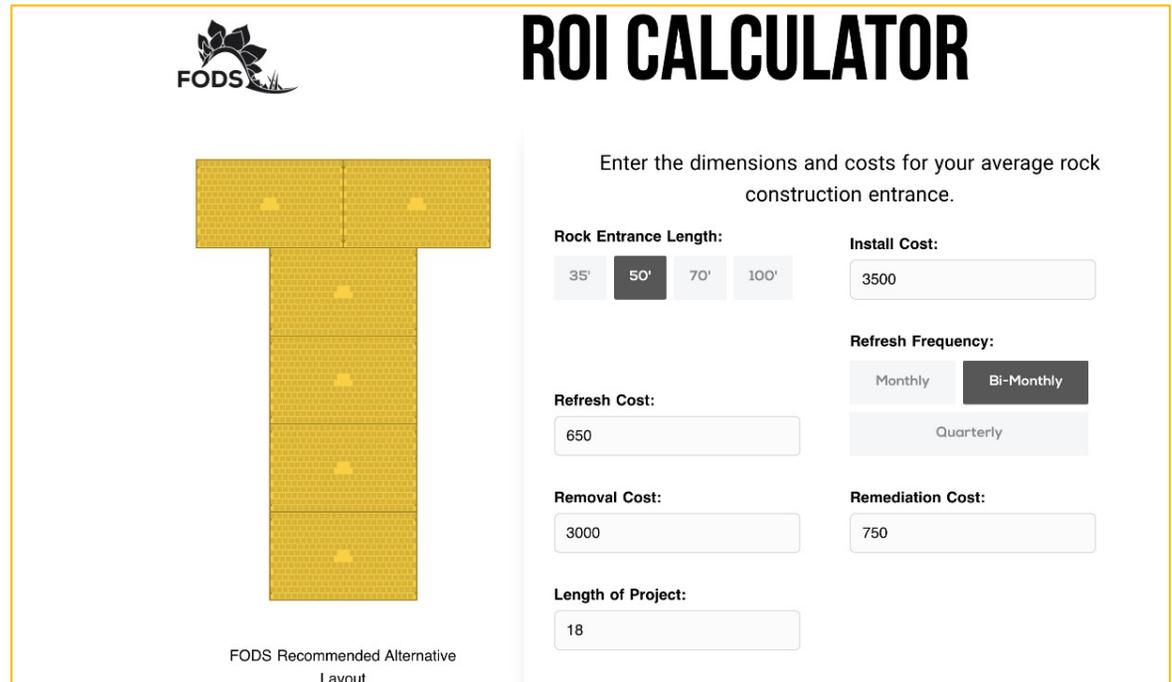
- Cleaning Shovel
  - min. of 1 per entrance
- Connecting Hardware
  - 1 kit links 4 mats together



# New Tool: FODS ROI Calculator

## CONTRACTOR RESOURCES

- [Brochure](#)
- [Installation Guide](#)
- [Recommend Layout \(5-T\)](#)
- [Additional CAD Drawings](#)
- [ROI Calculator](#)



**FODS**

## ROI CALCULATOR

Enter the dimensions and costs for your average rock construction entrance.

**Rock Entrance Length:** 35' 50' 70' 100'

**Install Cost:** 3500

**Refresh Frequency:** Monthly Bi-Monthly Quarterly

**Refresh Cost:** 650

**Removal Cost:** 3000

**Remediation Cost:** 750

**Length of Project:** 18

FODS Recommended Alternative Layout

- Create a custom ROI report for your customers
- Personalized cost savings table breakdown
- Demonstrate savings over time.

<https://calculator.getfods.com/>

# Support/Resource:

## FODS CONTRACTOR RESOURCES

Resource Pages:

Video & TDS

Installation Guides

CAD Drawings

Lunch & Learns

In-Field Tech Support

### FODS CONTRACTOR SUPPORT:

FODS Trackout Control System overcomes the limitations and challenges of traditional stabilized construction entrances. When using FODS it is important to ensure that you have the proper mat layout, product knowledge, hardware, and tooling to ensure you and your team install your FODS Reusable Construction Entrance Properly. As former contractors FODS knows that issues, questions, and concerns arise in the field. That is why we always are available to provide direct one on one support.

### INSTALL VIDEO



### VIDEO RESOURCES

Overview Video Installation Video 1.9 Million Pounds

Will It Climb (FODS On a Slope) Will It Crush

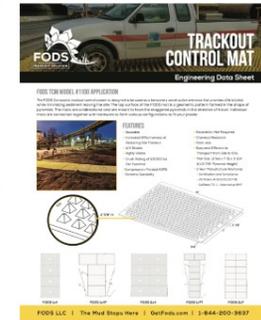
Colorado I-70 Project

CALL TECH SUPPORT



### CONTRACTOR RESOURCES

- Brochure
- Installation Guide
- Recommend Layout (5-T)



### TECHNICAL DATA SHEETS

- FODS Technical Data Sheet
- Connecting Hardware Data Sheet
- Anchoring Hardware Data Sheet
- Tooling Data Sheet



## ROI CALCULATOR



FODS Recommended Alternate Layout

Enter the dimensions and costs for your average rock construction entrance.

Rock Entrance Length:	Install Cost:
33' 50' 70' 100'	9500
Refresh Cost:	Refresh Frequency:
650	Monthly <input checked="" type="checkbox"/> Bi-Monthly
Removal Cost:	Quarterly
3000	Remediation Cost:
Length of Project:	750
19	

CALCULATE



# CONTACT AND SUPPORT

**QUESTIONS ABOUT  
COMPOSITE BMP?**

**CONTACT TECHNICAL  
SUPPORT:**

(844) 904-2029



**ROI CALCULATOR**



**SPECIFIERS**



**CONTINUED LEARNING**

Lunch and Learns

Available 1- PDH Credit

1 Hour Presentation

Contact:

[info@getfods.com](mailto:info@getfods.com)



**FODS**

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**Thank you!**



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