FODS

REUSABLE CONSTRUCTION ENTRANCE

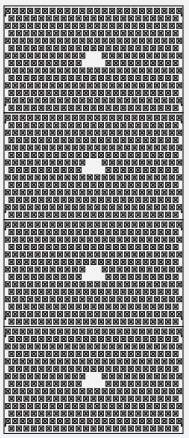
INSTALLATION GUIDE

(303) 395-1069
(844) 200-3637
7328 S REVERE PARKWAY #204B
CENTENNIAL, CO 80112

WWW.GETFODS.COM/INSTALLATION

LAYOUTS

The FODS System is modular and can be configured with a wide turn radius or in a two lane configuration for larger equipment. Typical configurations use 4 or 5 mats in series to provide adequate tire rotations for sediment removal.



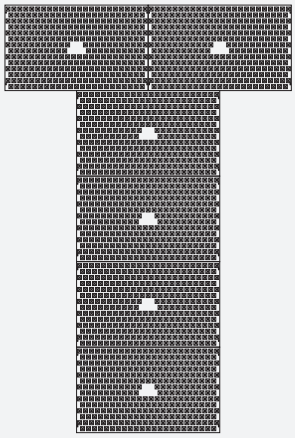
SINGLE LANE
STANDARD HIGHWAY VEHICLES

A single lane configuration is used to create a 12' wide exit lane which will accomodate standard highway vehicles.

When all construction traffic will exit the site in the same direction, onto a one-way road for example, the entrance can be angled towards the direction of traffic.

COMMONLY USED TO REPLACE 50' ROCK ENTRANCE.

1X4



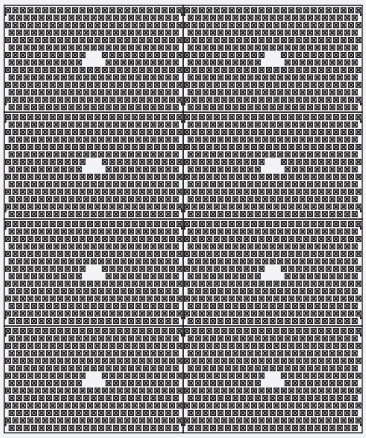
SINGLE LANE T-SHAPE
WIDE TURNING RADIUS

A"T" shape configuration is used to create a 12' wide exit lane which will accomodate standard highway vehicles.

The "T" provides a wide turning radius for construction vehicles. Vehicles can exit onto the roadway and turn in either direction. The two mats on the top of the "T" are placed towards the road.

COMMONLY USED TO REPLACE 70' ROCK ENTRANCE.

1x5T



DUAL LANE
OFF HIGHWAY VEHICLES

To accomodate larger haul vehicles, a dual lane configuration is used. This configuration provides 24' exiting lane for articulated haul trucks and front end loaders which will exit the site.

If needed, a "T" shape can be built on a dual lane layout by placing three mats on the front frow of the exit closest to the road.

USED FOR OFF-HIGHWAY EQUIPMENT OR TWO LANE EXITS.

2x4

ANCHORS

The FODS Trackout Control System can be anchored on a variety of substrates including dirt, asphalt and concrete. The system **must be anchored** to prevent mats from shifting when vehicles are accelerating or braking while on the mats.

There are various types of anchors available to secure the mats to the substrate.

FIVE (5) ANCHORS MINIMUM PER MAT RECOMMENDED.

Anchoring requirements vary based on substrate conditions.

FODS 18" ROUND HEAD STAKE ANCHORS
DIRT, GRAVEL OR SOFT SUBSTRATES

On softer substrates, additional anchors can be used to keep mats from shifting.

FODS 6" CONCRETE SCREWS
CONCRETE, ASPHALT, HARD SUBSTRATES

Only tighten screws to be flush with top of mat. To allow for expansion and contractorion of the mat, do not tighten the screw to the point of compressing the mat.

When installing on hard substrates, leave a 2" gap between mat to allow for thermal expansion.

RECOMMENDED TOOLING	
FODS 18" Round Head Stake Anchors	FODS 6" Screw Anchors
Concrete Rotary Hammer Drill	Concrete Rotary Hammer Dril
3/4" Drill Bit	3/4" Concrete Drill Bit
Sledge Hammer	Heavy Duty Impact Wrench
	1-1/8" Socket

*****Before installing anchors, call 811 for locates to mark underground utilities*****

INSTALLATION

PLACEMENT & PREP

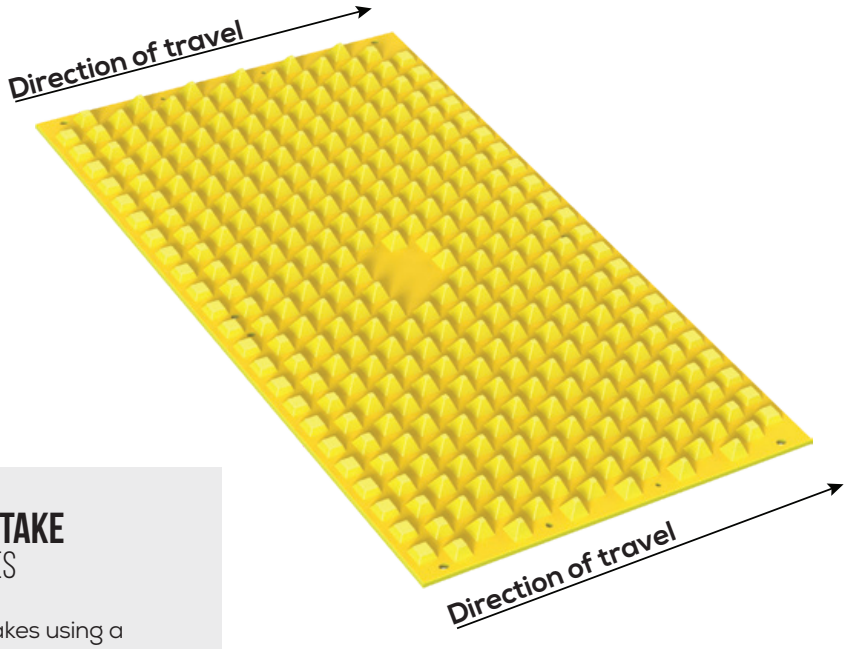
1) FODS Mats should be placed at egress points where vehicles exit onto public roadways. The ground should be free of large rocks and obstacles. Any low areas, pits or holes should be filled and compacted to ensure a level surface.

2) Note the orientation and direction of travel. For best performance, 12' x 7' mats should be installed in series. The mats are oriented to create an exit lane with a width of 12'.

3) Slide the mats into place using the Mat Moving Tool or equipment. When installing over asphalt or concrete, leave a 2" gap between mats.

ANCHORING

FODS Track out system must be anchored in place. Anchor points are located around the perimeter of each mat. Five (5) anchors are recommended per mat. Select anchor holes where mat is most flush with the ground. Anchors are sold separately.



FODS 18" ROUND HEAD STAKE
FOR USE ON SOFT SUBSTRATES

1) Predrill the holes for the stakes using a 3/4" drill bit.

2) Use a sledge hammer to drive the stakes into the substrate.

FODS 6" SCREW ANCHOR
FOR USE ON HARD SUBSTRATES

1) Predrill the holes using a 3/4" concrete drill bit. Remove debris.

2) Using an impact driver with a 1-1/8" socket, drive the anchor into the concrete.

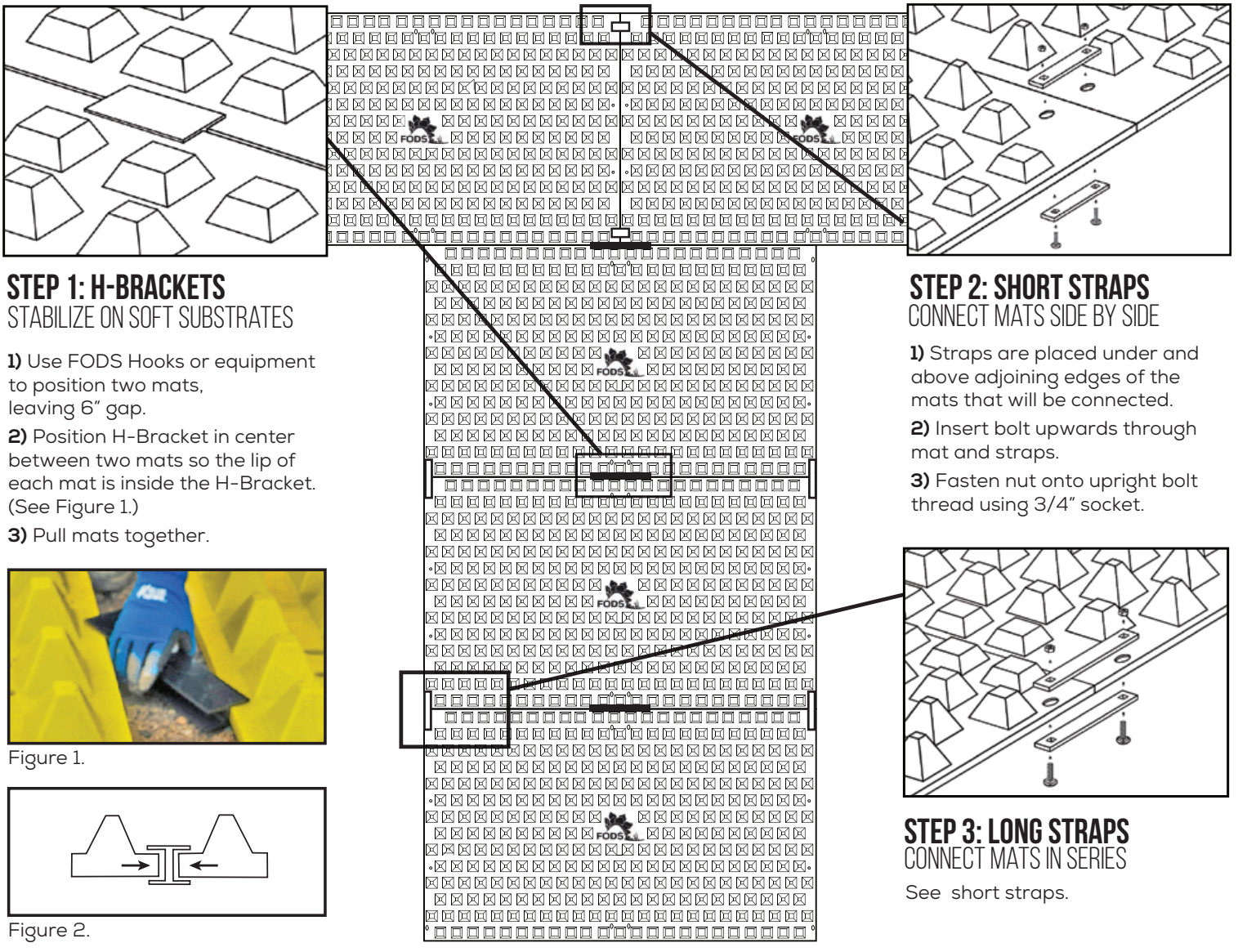
OPTIONAL HARDWARE

FODS optional hardware kits can be used to gain additional stability and weight distribution. FODS hardware kits are recommended on softer substrates such as loose soil or sand.

RECOMMENDED TOOLING
Impact Driver
3/4" Socket

HARDWARE KIT CONTENTS

- Long Steel Strap (12)
- Short Steel Strap (2)
- H-Bracket (3)
- 1/2" x 2" Bolt (12)
- Nut for 1/2" Bolt (12)



STEP 1: H-BRACKETS
STABILIZE ON SOFT SUBSTRATES

1) Use FODS Hooks or equipment to position two mats, leaving 6" gap.

2) Position H-Bracket in center between two mats so the lip of each mat is inside the H-Bracket. (See Figure 1.)

3) Pull mats together.

Figure 1.

Figure 2.

STEP 2: SHORT STRAPS
CONNECT MATS SIDE BY SIDE

1) Straps are placed under and above adjoining edges of the mats that will be connected.

2) Insert bolt upwards through mat and straps.

3) Fasten nut onto upright bolt thread using 3/4" socket.

STEP 3: LONG STRAPS
CONNECT MATS IN SERIES

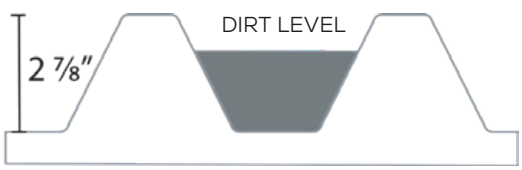
See short straps.

MAINTENANCE

Maintenance will be required throughout the project as sediment builds between the pyramids. Vehicle tires only make contact with the tips of the pyramids so maintenance is required when sediment reaches 2.5" above the base of the mat.

Maintenance is completed by cleaning the mats to remove sediment. The mats can be cleaned manually using a FODS shovel or with a skid steer with a broom attachment, or with a street sweeper with adjustable heads.

In many cases, cleaning is conducted proactively as part of the routine street sweeping schedule which ensures that the entrance always remains in good condition.



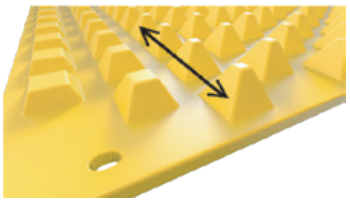
CLEANING METHODS

FODS CLEANING SHOVEL
MANUAL CLEANING METHOD

Manual cleaning can be performed manually using a FODS Shovel. Pryamids are staggered in the direction of travel, but are aligned in rows from left to right.

The shovel is designed to fit between the rows of pyramids to allow for removal of accumulated sediment.

CLEANING DIRECTION



SKID STEER
WITH BROOM ATTACHMENT

A skid steer with a broom attachment is a common method used to clean FODS mats. For best results, brush the mats from side to side along the rows of pyramids.

STREET SWEEPER
WITH ADJUSTABLE HEAD

A street sweeper can be used to remove sediment from FODS mats, however, brush heads may need to be adjusted to reach the debris.

PRESSURE WASHING
WITH SEDIMENT TRAP

Pressure washers can be used to remove sediment from the mat. When using water to clean the mats, runoff must be diverted to a sediment basin.

TECHNICAL SUPPORT

The FODS support team is available to answer **technical questions** to assist during both installation and planning. Dial **(844) 200-3637** to reach our support team with any installation questions.

For **engineering support**, reach out to request a training session to learn about planning considerations and recommended entrance configurations.

Visit **www.getfods.com/specifier** to request a training session.

TOLL FREE: (844) 200-3637
LOCAL: (303) 395-1069
EMAIL: SUPPORT@GETFODS.COM
WEBSITE: WWW.GETFODS.COM

Visit our website at **www.getfods.com** to view our installation video and access Technical Data Sheets, Anchoring Data Sheets, CAD Drawings, Spanish Resources, Case Studies and more.

SEND US A PHOTO

Submit your photo of FODS in use to photos@getfods.com for a chance to win FODS swag.

FODS

811
Know what's **below.**
Call before you dig.

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