

# GEOWEB®

## QUICK REPAIR of Track Subgrade and Railroad Right-of-Way

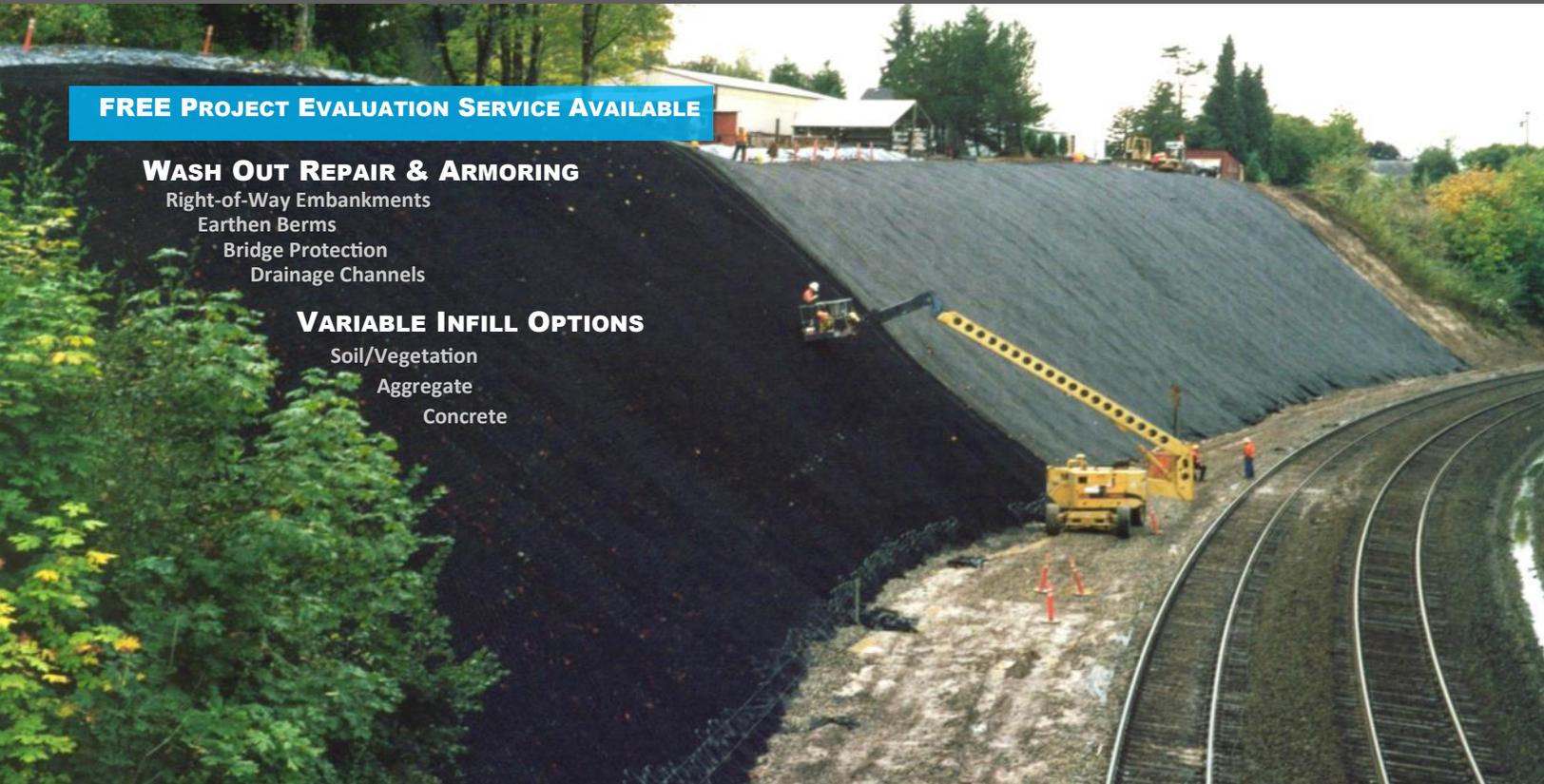
FREE PROJECT EVALUATION SERVICE AVAILABLE

### WASH OUT REPAIR & ARMORING

Right-of-Way Embankments  
Earthen Berms  
Bridge Protection  
Drainage Channels

### VARIABLE INFILL OPTIONS

Soil/Vegetation  
Aggregate  
Concrete



Embankment Slide



Embankment Repair/Protection



Stacked Embankment Repair

### QUICK FIX—LONG TERM PROTECTION

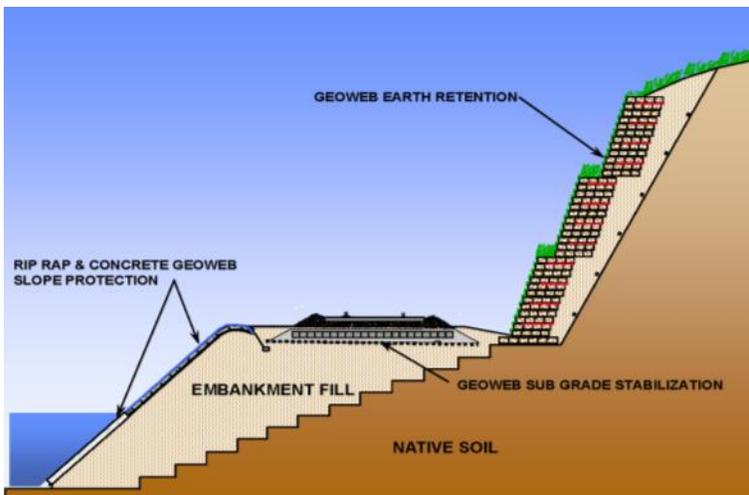
BE PREPARED to repair washouts and track issues quickly and economically with one solution. The GEOWEB® soil stabilization system is a proven 30-year solution, delivering emergency repair for track and railroad right-of-way embankments, bridges and channels.

#### ECONOMICAL SOLUTION

- **LESS DOWN TIME:**  
GEOWEB material is quickly installed to repair any size emergency and minimize track disruptions.
- **INSTALLATION BENEFIT:**  
Railroads can install the GEOWEB material with their own crews.
- **REDUCE ROCK SIZE:**  
Rock confined in the GEOWEB structure replaces expensive Rip-Rap, reducing aggregate size up to 10 times.

#### FAST DEPLOYMENT

Strong, yet light-weight GEOWEB sections are easy to transport and quick to deploy, even in difficult site access areas. Most repairs do not require large construction equipment.



The GEOWEB structure with select infill stabilizes track ballast, and right-of-way embankments, earthen berms, drainage channels and earth retention structures.

#### GEOWEB STOCK COVERAGE

1 Pallet = 2,700 sq ft  
1 Truckload = 120,000 sq ft

## QUICK REPAIR of Track Subgrade and Railroad Right-of-Way



### ATRA® KEY CONNECTION DEVICE

Connect GEOWEB sections quickly, easily and safely.



### TRACK BALLAST SUPPORT

New Track or Repair. The GEOWEB system stabilizes the ballast material, reducing differential settlement and aggregate thickness by 50% or more.

### CONSTRUCTION & REPAIR VERSATILITY

The **GEOWEB®** soil stabilization system has been successfully employed for railroad construction and repair for over 30 years.

- **GEOWEB** sections are packaged in collapsed, easy-to-handle sections and are expanded into place on site.
- Each **GEOWEB** section is 8.5 ft. wide x 27 ft. long and covers 230 sq ft.
- Ideal for constructing and repairing track ballast, access roads, embankments, earthen berms, bridges, channels and right-of-way areas.
- Low cost, locally available infill may be used instead of more costly imported infill.



### RIGHT-OF-WAY REPAIR EXAMPLES

1



#### WASHOUT REPAIR

Right-of-Way Drainage Channel Repair. Geoweb sections are installed quickly in tiers, and may utilize local infill. Vegetated fascia is attractive and eco-friendly.

3



2



#### ERODED SHORELINE REPAIR

Track Derailment Repair. Geoweb system created a stable platform and tiered retaining wall to stabilize the right-of-way embankment.

#### SLIDE REPAIR

Track Right-of-Way Repair. The Geoweb system stabilizes embankments prone to slides from saturated or unstable soils. Aggregate infill allows drainage and minimizes maintenance.