# Vegetated Concrete Block Erosion Control Mat

Killeen, Texas



# SHOREFLEX ROADSIDE CHANNELING

#### **PROJECT TEAM**

#### **OWNER:**

Texas Department of Transportation Austin Division

#### **ENGINEER:**

Texas Department of Transportation Austin Division

# **JOB NUMBER:**

TXDOT Maintenance Dept. Killeen Texas Office

#### **CONTRACTOR:**

Lakey, Inc.

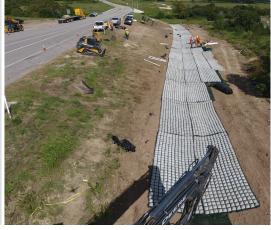
# **SUPPLIER:**

Premier Concrete Products, Inc.

#### **TECHNICAL DESCRIPTION:**

Product: ShoreFlex® LandLok 450 Square Feet: 7,200 Installation Date: Sept. 2016







# **PROJECT DESCRIPTION:**

Texas Department of Transportation arranged for a product specification study to be done for "Vegetated-Concrete Block Erosion Control Mat". Previously there were no statewide accepted specifications on these types of products for TXDOT engineers to use when appropriate applications site arose. The goal was to compile a state wide specification for vegetated-concrete block erosion mats so that installations and product applications are uniform.

# **PROBLEM:**

A drainage channel, adjacent to the Highway 9 in Killeen, Texas, catches rain runoff from the roadway and is the end of a drainage basin for the surrounding area. Water runoff from the surrounding area accumulated into this previously unprotected drainage channel and was causing erosion problems to the nearby roadway and bridge structure.

# **SOLUTION:**

**ShoreFlex**® was selected by TXDOT to be installed in the roadside drainage channel as a means to prevent future erosion within the drainage channel and also to assist in the growth and long term stabilization of vegetation within the channel.



