

Erosion Imp. Airport, Collin, McGregor & Debbie Lane

Arlington, Texas

SHOREFLEX® SCOUR PROTECTION EROSION CONTROL

PROJECT TEAM

OWNER:

City of Arlington

ENGINEER:

City of Arlington

JOB NUMBER: 3623-01-001

CONTRACTOR:

Klutz Construction

SUPPLIER:

Premier Concrete Products, Inc.

TECHNICAL DESCRIPTION:

Product: ShoreFlex®
Underlayment: GS 50 TRM
Square Feet: 20,000 SF
Installation Date: January, 2019
Completion Date: February, 2019



PROJECT DESCRIPTION:

As part of their annual 2017 erosion control repair program, the City of Arlington addressed some moderate to severe erosion concerns along Collins St at the intersections of McGregor, & Debbie Lane, and Arlington Municipal Airport.

PROBLEM:

Runoff from Arlington Municipal Airport, along with drainage from Debbie and McGregor Lane, had severely eroded the moderate flow roadside channels, causing dangers to pedestrian and vehicular traffic alike.

SOLUTION:

Klutz Construction regraded and prepared the moderate flow channels at three different locations on Collins St. ShoreFlex rolled concrete erosion mat was chosen in lieu of riprap to armor the moderate flow channels and inlet areas along this heavily trafficked corridor. ShoreFlex was expertly placed and trenched in. A (structural agreement) grouted toe and anchor trench was installed to create a perfect ShoreFlex installation. Hydromulch and seed was applied, which resulted in vegetation establishing within the voids of the ShoreFlex system. The City of Arlington was pleased with this installation, which allowed for a vegetated look with a hard armor performance.