

## CUSTOMER CASE STUDY

# CHANNEL STABILIZATION PARK REPAIR

*Nichols Hills, OK*



## PROJECT OVERVIEW

### PROJECT / CUSTOMER:

City of Nichols Hills

### LOCATION:

Nichols Hills, OK

### PRODUCT / SOLUTIONS:

- HydroTurf

### CHALLENGE:

A drainage channel at Grand Boulevard Park was having washout issues repeatedly after many attempts by the City to address the issue with other erosion control solutions. A more permanent and effective method was needed to reduce the cost of constantly repairing the channel.

### SOLUTION:

To address the high velocity and shear stresses within the Grand Boulevard Park Channel, Ferguson Waterworks suggested hard armor solutions. The client prioritized a vegetated aesthetic that would blend seamlessly into the channel's shoulders and surrounding landscape. For this reason, HydroTurf® was selected as it provides a permanent, low-maintenance solution with the desired aesthetic look.

### THE FERGUSON ADVANTAGE:

- Commitment to going the extra mile(s) for our customers
- A complete offering of Waterworks Geo and Stormwater products
- Strategic national network of locations
- Value-engineering services driven by expert associates with industry experience

## BACKGROUND AND SCOPE

The City of Nichols Hills in Nichols Hills, OK, partnered with Ferguson Waterworks for a high-performing erosion product to stabilize the area surrounding a drainage channel. In addition to the product's performance, the city also desired an aesthetically pleasing solution.

Before partnering with the geo and stormwater experts at Ferguson Waterworks, the city attempted other erosion control approaches, however, they rendered mixed results. Consequently, it was time to implement a long-term, hassle-free solution to stabilize the Grand Boulevard Park Channel.

## THE SOLUTION: FERGUSON WATERWORKS

Watershed Geo's HydroTurf provides extreme protection against slopes and channels with powerful flow rates and shear stresses, such as that experienced by the Grand Boulevard Park Channel. After installing HydroTurf, the City of Nichols Hills was able to rest assured that the channel was secured. Not to mention, the vegetated hard armor solution complemented the park's natural atmosphere.

For start-to-finish solutions, depend on your partners at Ferguson Waterworks. Connect with your local expert or send us a message today to get started.