

City of Frisco Municipal Parking Structure, Frisco, TX

**LANDSCAPE ARCHITECT:**

City of Frisco, TX

IRRIGATION DESIGN:

City of Frisco, TX
Installation by Signature Landscape

GENERAL CONTRACTOR:

Signature Landscape, Frisco, TX

COMPLETION DATE:

November, 2010

RAIN BIRD SALESPERSON:

Ashley Reed
Steve McCarter

RAIN BIRD PRODUCTS:

- XFS subsurface Dripline
- XCZ Control Zones
- XF Series Insert Fittings
- Easy Fit Compression Fittings

**Project Overview**

The City of Frisco, TX recently constructed a municipal parking structure with narrow landscape beds planted with shrubs and other groundcover.

Challenges

Texas legislation has made it illegal to irrigate strips narrower than 48" with overhead sprays, or within 48" of buildings or hardscapes. Wind and evaporation are contributors to inefficient water usage causing excessive loss of water. Overspray is also a significant issue in this application as it is a public parking structure. Protecting pedestrians from wet walkways and protecting the automobiles from water were very important.

Solution

In an effort to conserve water, protect the citizens of Frisco and comply with current legislation, Rain Bird's XFS Subsurface Dripline with Copper Shield™ Technology was selected to address challenges listed above. With the XFS Subsurface Dripline, overspray was completely prevented, keeping walkways dry and cars protected from irrigation water. Wind and evaporation loss are also eliminated due to the irrigation through sub-surface Dripline. Use of the Easy-Fit Compression fittings facilitated the ease of installation throughout the entire project.