



Historical Report Cedar Park, TX Manhole

Manufacturer:

Raven Lining Systems
13105 E. 61st Street
Suite A
Broken Arrow, OK 74012
(918) 615-0020

Location: Cedar Park, Texas (1220 N Bell Blvd.)

Owner: City of Cedar Park

Original Contractor: Lewis Concrete Restoration (formerly F&L Concrete)

Estimated Project Date: 1999

Age of Project: 16 years

Inspection Date: September 17th 2015

Type of Structure(s):

This study was completed on a single 4' diameter manhole measuring a depth of 6' 2", measuring to the top of the 24" mainline. This manhole was active with heavy flow.

Condition of Structure(s):

The manhole was coated in 1999 with Raven 405 with an average of 200 mils. There were no visual defects or active leaks in the coating. The manhole rig and riser had been recoated with Raven 405.

Structure Results:

Structure 1: This manhole was located at 1220 N. Bell Blvd. Cedar Park, TX next the train tracks. This manhole had three 20mm dollies glued to the coating and cored.

The resulting pulls were:

- 1) 575psi (95% substrate failure, 5% adhesive failure)
- 2) 317psi (100% substrate failure)
- 3) 403psi (90% substrate failure, 10% adhesive failure)

