

Project



Profile

City of Kansas City
Kansas City, Missouri

City of Kansas City – Maintenance Shop 25 Years Later – Quality Workmanship Is Still Paying Off

Originally these facilities were owned by Kenworth Motor Truck Company. At that time, they were used as an assembly plant for heavy duty trucks. The facilities were purchased by the City of Kansas City in the late 80's and early 90's. The buildings are currently being used for city equipment maintenance and are also leased to a fabrication company.

Problem:

In 1979, it was confirmed that the existing built-up roofs on the Kenworth Motor Truck Company facility had reached their serviceable life span. The leaks were becoming a risk to the truck assembly process.

Solution:

D. C. Taylor Co. determined the best solution for this situation was to re-cover the current built-up roofs with a Sarnafil fully adhered thermoplastic membrane. At that time, this product was fairly new in the roofing industry. Over a four-year period, the three roof sections were replaced by D. C. Taylor Co. (See photo at right for installation dates and square footage.)

Today - 2005:

These roofs are still performing; and have surpassed Sarnafil's (the roofing membrane manufacturer) warranty. The biggest challenges these roofs have faced over the past 25 years have been hail and heavy foot traffic. Because of the damage caused by hail and foot traffic, a 70,000 square foot section of membrane is scheduled to be replaced in 2005.



"We recently implemented a preventive maintenance program to identify problems before they become leaks. We believe this program will give us an additional 5 or more years of life for these roofs."

Bill Eagleberger
Maintenance Manager
Kansas City Public Works
Kansas City, Missouri



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