

SUMMARY

- Maintenance costs for concrete are near zero up to 18 to 20 years and longer — only some occasional cleaning and refreshing of the stripes may be needed. Asphalt parking lots need to be coated with a liquid seal coat every few years followed by striping and frequently require crack filling. Then they need to be completely resurfaced every 10 years or less. This means business interruptions. You do not have that with a concrete overlay.
- Concrete surfaces are much lighter colored, meaning that lighting costs can be reduced—you can eliminate 3 of 10 light fixtures and still have the same level of lighting, according to Vance Poole of the National Ready Mixed Concrete Association. This creates a safer parking lot and also reduces energy costs.
- The lighter color also results in a lower temperature for the parking area during the summer, reducing the heat-island effect and lowering cooling costs for adjacent buildings. According to Poole, ambient air temperatures above a concrete parking lot can be as much as 10° cooler than an asphalt lot.
- Concrete pavements can carry heavy loads without rutting or developing potholes. With concrete's rigidity and high strength it will need little to no maintenance saving the owner money. Asphalt parking lots need constant repair and maintenance cause interruptions to your business and sometime loss of business.
- Concrete parking lots are green—runoff is low toxicity and cooler than from asphalt surfaces, plus concrete can contain recycled materials (fly ash, slag, recycled concrete aggregate). All this can yield LEED credits.

Below is a list of concrete overlay projects throughout the State of Illinois.

Please contact Theron Tobolski of the Illinois Ready Mixed Concrete Association at **708-473-0117** or **ttobolski@irmca.org** with any questions or for more information on concrete overlays projects near you.

Bob Grimm Chevrolet - Morton, IL | Mike Miller Hyundai - Peoria, IL | Roanoke Motor Company - Roanoke, IL | Bob Ridings Ford - Taylorville, IL
Bill Walsh Toyota - Ottawa, IL | Airport Parking Lot, Decatur, IL | Ahlstrom Filtration - Taylorville, IL | Long John Silver - Pekin, IL
Grace Street - Lombard, IL | Lombard's North Industrial Park - Lombard, IL | Finley Avenue - Lombard, IL | University of Illinois - Normal, IL
McDonalds - Pana, IL | Holiday Inn - Decatur, IL | Illinois Department of Transportation District 1 Office - Schaumburg, IL



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CONCRETE OVERLAYS

A DURABLE, LONG LASTING, COST-EFFECTIVE SOLUTION FOR YOUR PARKING LOTS OR ROADS.

DURABILITY

– No Business Interruptions

Studies show that concrete pavements, when compared to asphalt, can cost more initially. However, when taken over a 20 year life-cycle, concrete pavements require less maintenance and repair; thereby **saving you money** in the long term. Moreover, frequent repairs to your asphalt pavement can interrupt your business and inconvenience your customers. A concrete overlay will provide you with a **long lasting** parking lot that will need **little maintenance**. In addition, a concrete overlay will be **rutt and pothole-free**, which will give your business a **safer** parking lot for both vehicular and pedestrian traffic.



“ The impression to the customer on this ultra thin whitetopping project is that the owner cares about the quality both in his facility and in his product. ”

John Gastman, co-owner of Roanoke Motors, Inc., Roanoke, IL



Airport parking lot in Decatur, IL



McDonalds in Pana, IL



Finley Avenue in Lombard, IL



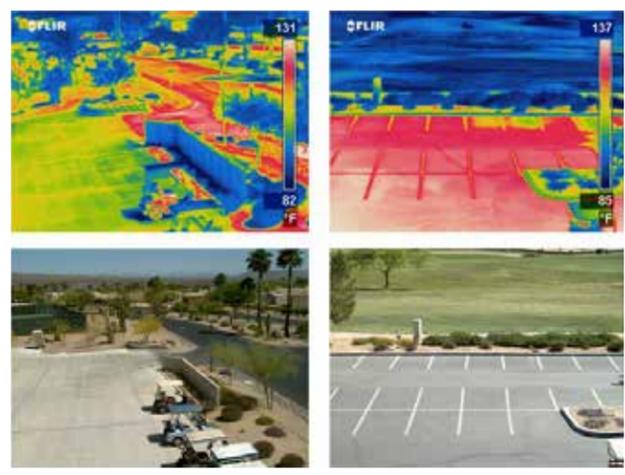
Grace Street in Lombard, IL

REDUCES

Reduces Heat Island Effects

Concrete overlays help **reduce heat island effects** because concrete is cool. Asphalt pavements absorb heat from the sun. Temperatures can climb to 150 degrees and contribute to poor air quality. This poor air quality creates a negative experience for potential customers who have to park and walk on these pavements. Concrete overlays are cooler and provide an enjoyable experience for your customers.

The photo on the top right shows a red thermal image of the heat given off of an asphalt parking lot which can be up to 10 degrees hotter and create poor air quality compared to the green and yellow thermal image of the cooler concrete parking lot on the top left.



SAVES

Saves Costs on Lighting

Due to their lighter color and uniform surface texture, the high reflectivity of a concrete pavement provides greater luminance than other typical pavements. Owners have seen up to a 37.5% **reduction in energy** requirements per year which is a **savings on your energy bills**.

The concrete pavement on the upper right provides a much brighter parking lot which attracts people compared to the dark, uninviting asphalt parking lot on the lower left.

