

Christian Brothers Automotive

6872 FM 1488
Magnolia, TX 77354



Owner
Jeff & Robin Toth

General Contractor Suntech Building Systems, Inc.

11326 Perry Road
Houston, TX 77064



The **City of Magnolia** is located at the junction of FM 1774 and FM 1488, approximately 45 miles northwest of Houston and 25 miles southwest of Conroe. **Magnolia** is approximately 20 miles from both IH45 and US-290, two of the Houston’s main highway systems. The City limit population is small, however; the greater **Magnolia** area spans approximately 12 miles in all directions with an estimated population of more than 65,000.



Throughout the years, this area has seen many changes, going from a railroad town and agriculture community to a “bedroom community” where residents may work in another city or county but live, pay taxes and spend most of their income in their city. With the planned widening of highways FM 1488 and FM 1774, the **Magnolia** area will continue to grow with changes, challenges and an ever evolving image.

Magnolia reflects the friendliness of a small town yet it is a growing city with nearby access to our big city neighbors of Houston, Conroe and The Woodlands. **Magnolia** is a small community with big hearts and great pride. Quality families are the cornerstone of this inviting city. Family values permeate throughout the community creating a warm and safe place to start a family and raise children of all ages.

*Caring For The Family -
Caring For The Family Car.*

It's what we do best.



Photograph taken mid November 2010 (shop under construction)



11/13/10 - Project at Arrival/Start



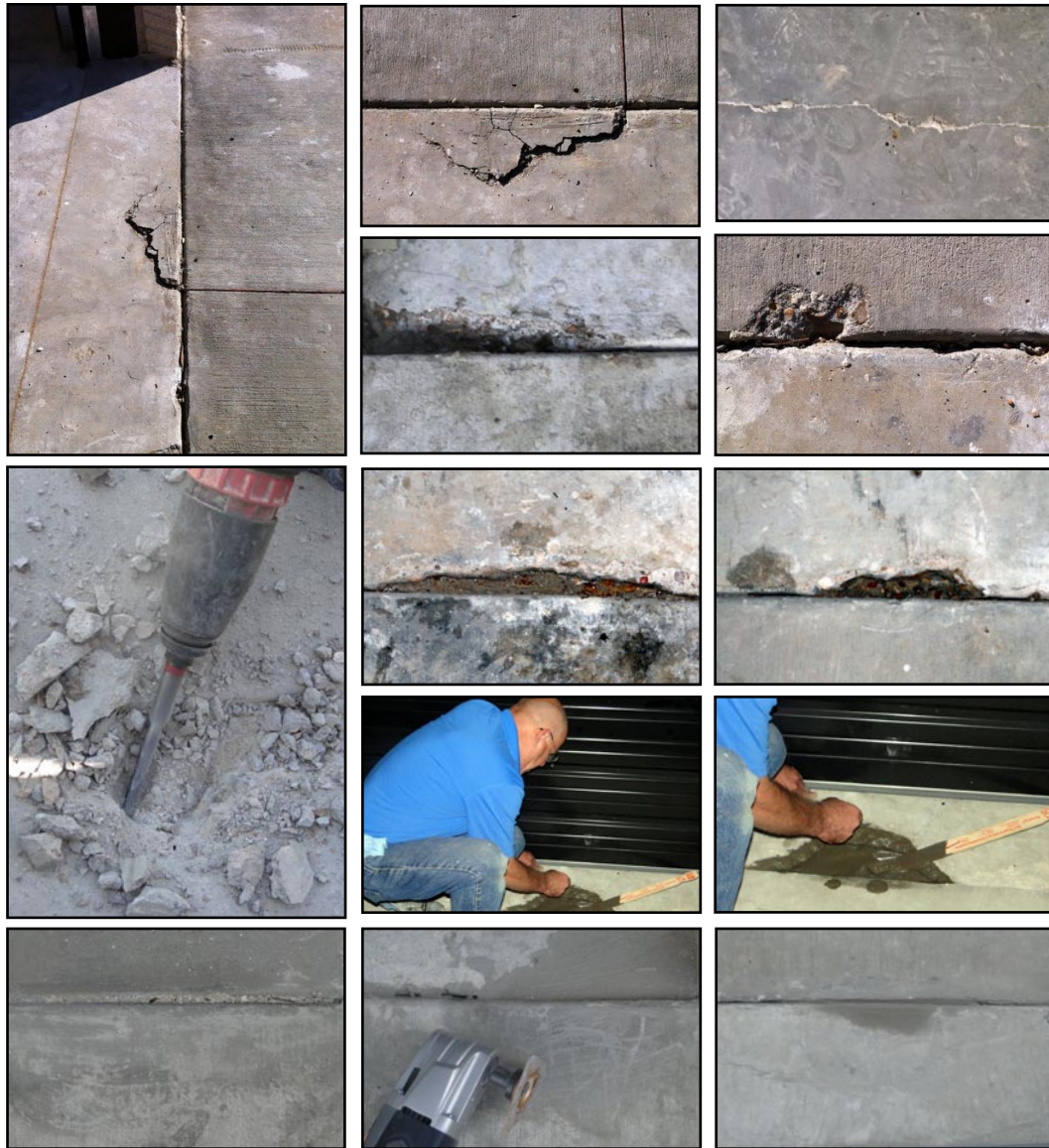
Initial Floor Preparation: Power Sanding / Diamond Grinding / Solvent Wiping (11/15–11/17)

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Magnolia, TX

Automotive Shop Floor Case History

CHRISTIAN BROTHERS AUTOMOTIVE

**Were there any unique problems with this project?**

Yes, at the boundary edge of the concrete apron leading to the parking area, the concrete "lip" was broken in numerous locations due to stress fractures caused by movement of the two slabs into each other. These photographs above show the repair sequence: jack hammering loose concrete, rebuilding with "vinyl concrete," grinding flush (in other words, complete concrete restoration).

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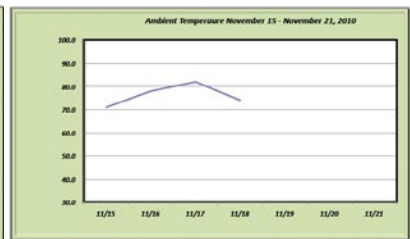
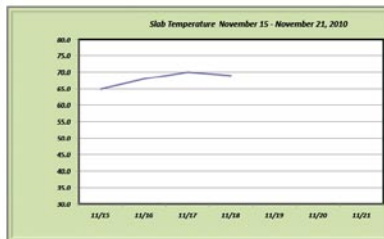
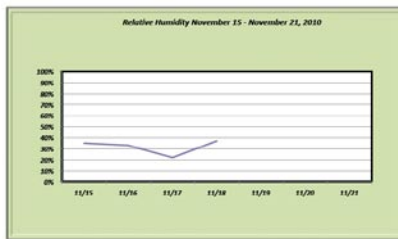
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CHRISTIAN BROTHERS AUTOMOTIVE Automotive Shop Floor Case History Magnolia, TX

Relative Humidity, Concrete Floor Temperature, and Ambient Temperature During Shop Floor Installation



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E31-1202-64 Concrete Primer Being Applied

E31-1204 Crack Filler Being Applied

E31-1202 100% Solids Epoxy Being Applied

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Installation of Green Pads -
Applying Devthane 379UVA

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SCOPE SEQUENCING CBAC MAGNOLIA	
November 15, 16, 17, and 18	Prepare substrate via diamond grinding/profiling; fill cracks and divots with E31-1204 ; apply E31-1202-64 epoxy concrete primer,
November 19	Apply E31-1202 epoxy overlayment,
November 20	Apply 1st U31-1201 urethane topcoat,
November 21	Apply 2nd U31-1201 urethane topcoat,
November 22	Install green pads/clean-up/depart,
November 23	Cure/shop open to light traffic,
November 24	Shop open to heavy traffic.

