

## **Additional Corrosion Protection Efforts Implemented For Saf-T-Liner C2 – Stage 2 Announced**

**Carolina Thomas Bus Buzz #113 is providing additional information as a follow-up to Bus Buzz #111.**

**Corrosion protection efforts continue to be implemented by Thomas Built Buses to improve the life cycle of our buses.**





As a quick review, this effort started a couple years ago with our visit to Watauga County and a follow-up research visit in 2012 to Avery County. See Carolina Thomas Bus Buzz #111 for details by going to [www.carolinathomas.com](http://www.carolinathomas.com) and click on Carolina Thomas Bus Buzz.

If you would like another copy of Bus Buzz #111 please respond to this email and I will send it to you. There is good background information in #111.

Numerous additional changes have been made as standard equipment on the Saf-T-Liner C2 to improve its resistance to corrosion and extend its life.



**Cold rolled steel tubes in floor have been upgraded to galvanized steel to extend their life.**



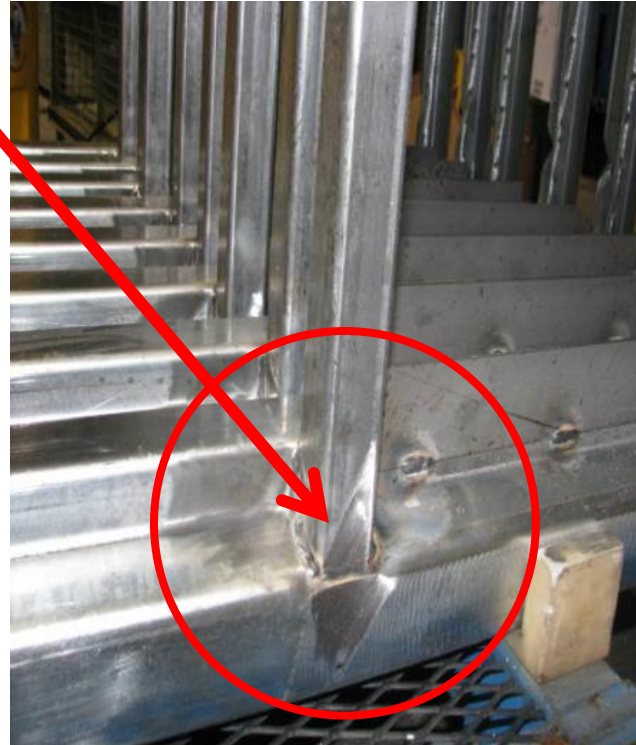
Photo shows galvanized floor tube before bus is undercoated for a better view. A stronger floor designed out most of the tubes and the rest were changed to galvanized steel.



Door frames (inside bus body) built with galvanized steel versus cold rolled steel for extended life and better corrosion protection. Photo shows numerous door frames prepared from galvanized steel prior to bus construction.



**Before Change**  
Corrosion perforation after years of service in corrosive road chemicals.



**After Change**  
Galvanized Steel offering additional protection from corrosive road chemicals.



Roof Bow reinforcements are galvanized steel. Our C2 meets/exceeds “rack and static load tests for mountain usage” and rollover standards. This photo shows reinforcements in roof bows added as bus is being constructed.



Many great corrosion enhancements have been implemented on the Saf-T-Liner C2. The intent is to make the bus last longer. Many more are in the works and will be communicated soon. Please stay tuned.

