

NEW SPLIT MU SURFACES

Winter 2007

Volume II, Issue 57



Basalt and Ceramic Courses

Two new additions to the test courses at TRC have been designed for passenger vehicle traction control testing. Covered in basalt and ceramic tile, both are expected to open in the Spring of 2007.

Adjacent to the existing 1,000-ft. basalt and 333-ft. ceramic tile courses, under construction are three new slippery slopes. The 10 and 15% slopes offer split mu surfaces of asphalt to basalt, basalt to ceramic, and ceramic to asphalt for a 60-ft. length. Full-width basalt can also be maneuvered for the first 30 ft. and full-width ceramic alternates the last 30 ft. The 20% slope has split mu surfaces of asphalt to ceramic,

ceramic to basalt, and basalt to asphalt for its full 60-ft. length, or it can be used full-width basalt for its length. The tiles are expected to provide skid numbers of .21 to .23.

All three slopes are provided with a top down trickling water supply to allow for parallel dry asphalt to wet tile testing.

The 203' wet handling pad that lies within the Dynamic Handling Course is receiving an upgrade with basalt tiles too. There will be a 10-ft. wide, 40 ft- radius circle of basalt expected to provide a skid number of .23. That area receives its water supply from a center fountain.





Winding Road Course

PRODUCT DEMONSTRATION VENUE



Off-Road Mobility Courses

Today's Dog and Pony Shows bear no resemblance to the namesake shoestring-budget, traveling animal circuses that amused our ancestors over 100 years ago. We do love our trained animals, but it takes a lot more wow-factor to convince consumers in 2007. TRC Inc. is the perfect location to host a handful or hundreds of guests, press, dealers, customers and employees when you want to give them a hands-on experience of the advantages and features of your automotive products. Even if you have not tested your products at TRC Inc., our facilities and services are available to help your company present your products in a professional and controlled environment.

We have supported product introductions for new vehicle models and components like tires, brakes, suspension systems, traction and stability controls components. The August, 2006 SAE All-Wheel Drive Seminar, Symposium and Ride and Drive Event that TRC Inc. hosted was an excellent example of an event that included several types of activities spread over TRC's 4500-acre facility. Our staff can coordinate and provide all the support needed including environmentally-controlled conference rooms or tents, security, portable sanitation stations, trash removal, training and transportation on the test roadways. We can also provide classrooms, conference rooms, garages, vehicle rental and preparation, buses, AV equipment, catering, housing and so much more...or we can provide you with names of companies with whom you may contract directly.

Should you want to provide some personal entertainment for your guests, consider incorporating TRC Inc's fun driver training



Demonstration Tents

event. In a few hours your guests can receive a brief education and experience improved car control for crash avoidance performance.

Before you plan your next automotive event, please call us to schedule a tour to see if your best demo advantage may be in East Liberty, Ohio.



TEST DUMMIES ABOUND

At the 50th STAPP Car Crash conference held in Dearborn, Michigan recently there was a very large and impressive historical display of anthropomorphic test dummies that have been developed over the years. Those mute, yet very sage faces, were there to honor Dr. John Paul Stapp, for whom the conference was named. Dr. Stapp was truly a pioneer in the study of human injury biomechanics resulting from automotive impacts. Thanks to the perseverance of Dr. Stapp and his colleagues, and the ensuing improvements made in automotive safety, thousands of lives have been saved. Attendees of the conference were treated to a new perspective of the most interesting Dr. Stapp via a book of his unexpected lyrical poetry, humor and cerebral insights into human nature.

One of TRC Inc. employees, Joshua Shaw, presented a paper at the conference that he



Building 20 Classroom

co-authored along with Rodney Herriott, Joseph McFadden, Bruce Donnelly, and John Bolte, entitled "Oblique and Lateral Impact Response of OMHS Thorax."



IMPACT LABORATORY MODIFICATIONS

We have been busy making all sorts of upgrades and modifications to our testing capabilities. The Impact Laboratory has several new items to tell you about.

Creature comforts are always important to us, so we have installed a temperature-controlled office for our customers at the terminus-point of the covered runway. Adjacent to the office is a chamber that replaces our temperature-controlled "doghouse" that we use to thermally condition vehicles prior to barrier impact testing.

Also new in the lab are additions to our photography equipment that will continue to enhance the quality of our impact testing deliverables. We have purchased four new parabolic-reflector, on-board lights. They are mechanically-adjustable to three steps (flood, medium and spot) and can withstand up to 80G's of force. With less than 1% modulation, these lights enhance the production of flicker-free pictures, and the cable-length compensation feature produces same-light output at various distances.

The new lights complement the six new Weinberger MiniVis™ cameras that we have added to our inventory. These new cameras provide a format of 1280 x 1024 pixels at 500 frames per second (fps) and up to 32,000 fps.

TRC Inc. STAFF CHANGES

As Chicken Soup books contributing author, Alan Cohen, said.... "in movement there is life, and in change there is power." As our company has grown in employees (over 700), and customers (over 1000), we are proud to have maintained our high quality of testing services. In keeping with our commitment to continuous improvement, several recent changes have occurred in our management. The good news is that continuity remains because the same people you have come to know and rely upon are still here and now serving in new positions. By re-assigning these staff into other business areas, our organization benefits through a broadened exposure of their special expertise across all levels of our organization. Effective October 1, 2006, the new organizational responsibilities are:

President Rick D. Gildow: Rick continues in his 14th year as president and 29th year at TRC Inc.

Operations Group

Milt Dunlop moved to a newly created position as Senior Vice President. He will be responsible for all business functions associated with Durability and Dynamics Operations, Impact Laboratory Operations, Facilities, EH&S, and Security.

John Phillips moved from Vice President, Impact Lab Operations to Vice President, Durability and Dynamics Operations.

Mike Bilbee moved from his role as Manager, Technical Services at an off-site customer location to Assistant Vice President, Impact Lab Operations.

Rick Powers will continue to be responsible for Environmental, Health & Safety in his new assignment as Assistant Vice President, EH&S and Facilities.

Jeff Sankey moved from Manager, Project Operations at the Impact Laboratory to Manager, Project Operations in Durability and Dynamics Operations.

Ken Webster moved from Manager, Project Operations in Durability and Dynamics to Manager, Project Operations at the Impact Laboratory.

Jason Jenkins moved from ILO Test Engineer to Manager, Project Performance in the Impact Laboratory.

Marketing & Contract Services

Jeff Sprague became Vice President, Marketing and Contract Services.

Robin Tominello moved from her role as Customer Engineering Technician Coordinator to Manager, Technical Services.

Ron Burton moved from Manager, Project Performance in the Impact Laboratory to Manager, Technical Services.

Human Resources Administration

Jill Macy will continue in her role as Vice President, Human Resources Administration.

Business Administration

Shawn Ahern will continue in his role as Vice President, Business Administration.

