



Teams to be judged by
Executive-level Engineers!
Teams will be judged on:

- PowerPoint Presentation
- Specification Measurements
- Bridge Strength-to-Weight Ratio



TRAC

Transportation and Civil Engineering (TRAC) Program

MDOT is interested in students with math and science skills for future employment as civil engineers and transportation specialists. The TRAC program provides classrooms with hands-on tools designed to build interest in math and Science. TRAC provides these benefits for teachers and students:

- Free hands-on materials for math, science, and civics
- Free interactive software
- Free training
- Free replacement supplies
- CEU credits for teachers
- Activities aligned to Michigan educational standards
- Engineer visits for career presentations
- Assistance using the software/modules
- Michigan bridge-building contests
- Pave a pathway for higher education via internships with possible opportunities for civil engineering scholarships
- Put your engineering, design, and building skills to the test, solving hands-on challenges

For more information,
contact Jan Pohl at 517-373-9571
or go to MDOT's Web site at:

www.michigan.gov/mdot-trac



Governor Rick Snyder



Director Kirk T. Steudle, P.E.

Chief Operations Officer Gregory C. Johnson, P.E.

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TRAC

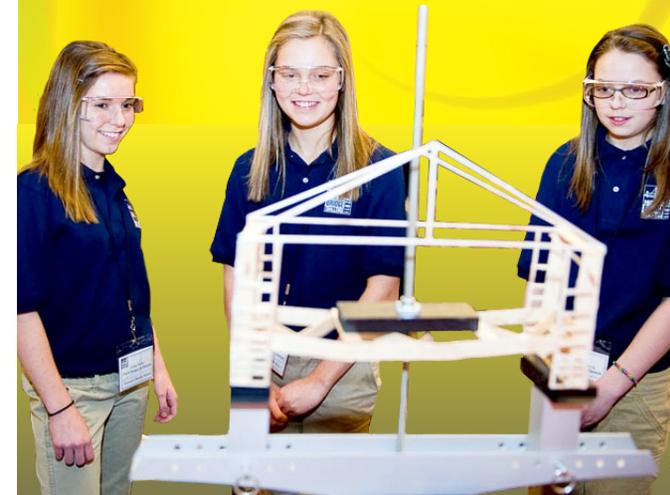
TRANSPORTATION AND CIVIL ENGINEERING

4th ANNUAL MICHIGAN

DESIGN & BUILD BRIDGE CHALLENGE!



The Michigan Department
of Transportation
Teaming with Michigan Schools



BRIDGE CHALLENGE!

YOU ...
DO THE WORK AND HAVE FUN
MDOT ...
HELPS PAVE THE WAY

HOW:

Register teams of three students by Nov. 15, 2011.

Receive your kit within 14 days of receipt of your completed registration form.

(contains materials to build your bridge)

Send in a complete Report Portfolio *(postmarked on or before March 1, 2012)*

Have fun!

(you have until the end of April to finish building your bridge - take photos along the way)

Come to Lansing, on us!

(compete - give a 10-minute presentation and test your bridge)



WHAT: Michigan Design & Build Bridge Challenge
WHEN: April 30, 2012
WHERE: The Lansing Center
LANSING
WHO: 7TH - 8TH GRADERS:
BUILD A TRUSS BRIDGE

9TH - 10TH GRADERS:
BUILD A DRAWBRIDGE

11TH - 12TH GRADERS:
BUILD A CABLE-STAYED BRIDGE



Teams who submit **COMPLETE REPORT PORTFOLIOS** will be invited to compete in the Michigan Design and Build Bridge Challenge in Lansing on April 30, 2012.

*Complete requirements are outlined in the Bridge Challenge Competition Rules.

WIN: GIFT CARDS/PRIZES

1ST
PLACE TEAMS
\$450

2ND
PLACE TEAMS
\$300

3RD
PLACE TEAMS
\$225

4TH
PLACE TEAMS
\$150

***FOR MORE INFORMATION & COMPETITION RULES, LOG ON TO: WWW.MICHIGAN.GOV/MDOT-TRAC**