



**Call for Papers**  
TRB 87<sup>th</sup> Annual Meeting  
January 13-17, 2008

**CALL TITLE:** Maintenance of Structures

**SPONSORING COMMITTEE:** AHD30, Structures Maintenance

**CO-SPONSORING COMMITTEE(S):**

**CALL DESCRIPTION:**

TRB Committee on Structures (AHD30) is seeking papers on the following topics:

- a) Ancillary structures (e.g. high mast lighting, sign structures) inspection and maintenance; laser scanning digital imaging including mast arms for high mast arms;
- b) Culvert inspection and maintenance including culvert failures particularly culverts with plates;
- c) Underwater bridge inspection including underwater bridge rehabilitation, preservation and maintenance;
- d) Use of galvanic anodes and corrosion inhibitors in highway bridge structures;
- e) Quantitative measurements of the effectiveness of preservation and maintenance actions on the service life of highway structures;
- f) Priority based decision support system for candidate selection for preservation and maintenance actions;
- g) Benchmark funding levels for annual preservation and maintenance activities on highway bridges;
- h) Rapid condition assessment techniques of structural decks;
- i) Strategies for cost effective maintenance of steel coating systems;
- j) Remote monitoring applications in bridge preservation and maintenance;
- k) Cross-asset (i.e., integrated) management systems for highway structures (bridges, culverts, overhead sign structures, wall, etc.); and,
- l) Bridge rehabilitation evaluation and design.

**SUBJECT AREAS:**

Maintenance  
Structures

***Authors interested in submitting papers are advised to visit <http://www.TRB.org> and review the Information for Authors. Authors submitting papers in response to this Call for Papers should submit full papers for peer review to the Transportation Research Board <http://www.TRB.org> by the applicable deadline shown in the note below. On the paper submission form please show the sponsoring committee name or the Call for Papers title. Please contact the Call organizer if you are submitting a paper or need additional information.***



***NOTE: TRB has implemented dual paper submittal deadlines for 2008 Annual Meeting: Papers in non-PDF format must be submitted prior to midnight Friday, July 27, 2007; Papers in PDF format must be submitted prior to midnight Wednesday, August 1, 2007. Authors are strongly encouraged to convert their paper to PDF format prior to submission to the TRB website to take advantage of the later deadline and to facilitate quicker processing of their paper. TRB also reminds authors that the best way to avoid last minute complications is to submit their paper well before these deadlines.***

**CALL ORGANIZER:**

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