Preparing Papers for Peer Review and Presentation at the TRB Annual Meeting

(Updated June 14, 2016)
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ABOUT THIS GUIDE

To submit a paper to the Transportation Research Board (TRB) for peer review and presentation at the TRB Annual Meeting, follow the instructions in this guide. All authors are required to submit papers to TRB via the TRB paper submittal website (https://www.mytrb.org/?PressAmpTarget=/Paper/Instructions).

Papers submitted for presentation at the Annual Meeting are also peer reviewed for publication in the Transportation Research Record: Journal of the Transportation Research Board; an author may choose not to have a paper considered for publication.

This guide is updated periodically; authors should review all information in this guide before submitting papers for consideration. This guide covers the organization and formatting of manuscripts for peer review and for publication, as well as instructions for submission. Papers that do not follow the guidelines will be rejected without review.

Note: A separate document, Preparing Papers Accepted for Publication in the Transportation Research Record, contains guidelines for the reformatting and resubmittal of papers accepted for publication. For publication in the Transportation Research Record, a paper must first complete the peer review process as specified here; if accepted for publication, the paper must be resubmitted according to the guidelines posted at http://trrjournalonline.trb.org.

PLEASE NOTE FOR 2017

Papers must be submitted no later than August 1, 2016. The paper submission website will close when it is no longer August 1 anywhere in the world.

Papers must be submitted in PDF with the text line-numbered in the left margin, to facilitate the review process.

Editorial quality has increased in importance for peer-review decisions. This year, the peer review is placing increased emphasis on the editorial quality of submitted papers. A paper’s editorial quality now accounts for 25% of the final weighted rating; peer reviewers will consider the paper’s clarity, readability, organization, and other editorial factors in this portion of the final rating.

The time from paper submission to electronic publication in the journal will be reduced for early-acceptance papers. Every year, the initial peer review identifies papers that are ready for publication without changes—that is, the reviewers do not request substantive revisions and do not require a rereview before making a final decision about the paper’s publication. TRB will ask the authors of these early-acceptance papers to submit their final manuscripts no later than November 15; these papers will immediately enter the publication process and will be published in the online edition of TRB’s journal before being collected into a print edition. Because of this deadline for early publication in the journal, authors will not be able to submit a revised paper for the online Annual Meeting Compendium of Papers; instead, a note in the compendium will indicate that the paper is scheduled for publication in TRB’s journal and that the final published version may contain additional edits. TRB will publish these early-acceptance papers electronically in the first part of 2017, before their appearance in a printed volume. The established timeline for the submittal of papers recommended for rereview remains unchanged—see the deadlines in the critical dates section below.
The electronic edition of the *Transportation Research Record* will become the journal of record as of 2016. TRB will continue to collect and release in printed volumes all papers accepted for publication. Each paper is assigned a unique digital object identifier, or DOI, indicating its online release and permanent web address.

**CRITICAL DATES**

**June 1**

TRB paper submission website opens. Authors who enter at least their abstract into the TRB paper submission website will have online access to the more than 15,500 papers that have been published in the *Transportation Research Record* since 1996 for background and references.

**August 1**

This is the hard deadline for submitting complete papers for possible presentation at the next Annual Meeting and for possible publication in the next *Transportation Research Record* journal series. Papers must be in PDF format and must be submitted no later than August 1, 2016. The paper submission website will close when it is no longer August 1 anywhere in the world. Papers for the next Annual Meeting or Record series are not accepted after this date.

**November 15**

- Deadline for submission of revised papers approved for presentation at the TRB Annual Meeting for inclusion in the Compendium of Papers and for rereview.
- Deadline for submission of final manuscripts of papers accepted for publication without revision; these papers will immediately enter editorial production for early publication in the electronic edition of the *Transportation Research Record*.

**GENERAL GUIDELINES**

All papers must be submitted in English. To assist authors in preparing papers, the review criteria for the peer review of papers are summarized below. Compliance with the manuscript formatting guidelines presented in the following sections will minimize delays for authors, peer reviewers, and staff and will facilitate subsequent revision of papers for publication.

**PAPER REVIEW CRITERIA**

Each paper is evaluated by a minimum of three reviewers selected by TRB in accordance with procedures approved by the Governing Board of the National Research Council of the National Academies. Authors should be mindful of the TRB review criteria, which apply to all papers.
The review criteria and thresholds for acceptance are the same whether the paper is assigned for presentation at a lectern or a poster session. Approximately 60% of the papers accepted for the Annual Meeting are presented in poster sessions. Approximately 20% of all submitted papers are chosen for publication in the *Transportation Research Record*.

- The abstract should concisely convey the content of the paper.
- The text should be written in simple, concise, and effective English.
- The content of the paper should be new or original, deal with issues that are timely, and have lasting value.
- Coverage of the subject should be complete, well organized, and supported by understandable and useful tables, figures, and references.
- Data presented must be valid, and the research methods described should be appropriate for the studies reported.
- Conclusions should be valid, appropriate, and properly supported.
- If the paper addresses government policies, programs, or procedures, the author should offer conclusions and recommendations in a way that recognizes sensitivities and alternative approaches.
- The paper must be useful to practitioners or researchers or both.
- Papers in which special interests are advocated, papers that are of a commercial nature, and papers that deal with subject matter outside the general area of interest of TRB will not be considered. A paper also may be rejected if it describes the properties of a product without disclosing its composition or manufacture. Generic names of products and equipment should be used unless the author considers the trade names or manufacturers’ names essential to the purpose of the paper.
- The content must not have been published elsewhere. In some cases, however, TRB may accept papers that have been submitted to or published by other organizations, provided that the publication has had limited distribution and that the author has secured the necessary clearances and permissions. Such cases are handled individually; the author should contact the TRB Technical Activities Division Director.

**PAPER SPECIFICATIONS**

**Clearances and Copyrighted Material**

Authors must secure necessary clearances and written permissions for presentation or publication from any contracting or supervisory agencies involved in the research or from holders of copyrights on material used in the paper. Authors must have concurrence from coauthors or coworkers before submitting papers for presentation or publication by TRB, and all contributions to the work must be properly acknowledged. If a paper accepted for publication contains previously copyrighted material, **authors must obtain written permission from the copyright holder(s)**. TRB will assume the authors have obtained this permission before submission of the manuscript for inclusion in the TRB Annual Meeting Compendium of Papers. TRB will retain unrestricted rights to the material.

To obtain copyright permissions for papers submitted for presentation at the TRB Annual Meeting or published or accepted for publication in the *Transportation Research Record*, contact Phyllis Barber-Gray at pbarber@nas.edu or 202-334-2972.
Length of Manuscripts

The length of each paper, including the abstract, text, references, figures, and tables, must not exceed 7,500 words. Each table, figure, or photograph counts as 250 words. For example, if two figures and three tables are submitted, the abstract, text, and references may total no more than 6,250 words.

Note that 7,500 words is the maximum length; authors are encouraged to keep papers to the minimum length possible and to limit the number of figures and tables, providing only essential information of interest to the reader.

The title page of the paper should clearly note the following:

- The total number of words in the abstract, text, and references; and
- The number of figures (including photographs) and tables.

Overlong papers will be rejected without review at the discretion of the peer review committee.

Titles

The wording of titles should be clear and concise; avoid lengthy clusters of nouns. Acronyms—except those of a few major transportation organizations (see list, page 13)—are not permitted in the titles of papers submitted for peer review or publication in the Transportation Research Record. If a title runs long, consider breaking portions out into a subtitle.

Length and Content of Abstracts

Each paper must have an abstract. The abstract must be no longer than 250 words, it must be self-contained, and it must not require reference to the paper to be understood. The abstract should present the primary objectives and scope of the study or the reasons for writing the paper; the techniques or approaches should be described only to the extent necessary for comprehension; and findings and conclusions should be presented concisely and informatively. The abstract should not contain unfamiliar terms that are not defined, undefined acronyms, reference citations, or displayed equations or lists.

Author Names and Affiliations

The name, affiliation, complete mailing address—an accurate and functional mail delivery location—telephone number, fax number, and e-mail address for each author must be listed on the title page. The list should be a single column. One corresponding author must be designated for papers with multiple authors. TRB will communicate only with the corresponding author, who is responsible for informing the coauthors of the paper’s submission and disposition. An author should list his or her affiliation and address at the time of the research for the paper; if the affiliation has changed, the current affiliation and address also should be included. (Corresponding authors are responsible for notifying TRB of any change in address for themselves or coauthors by following the instructions in the submission confirmation letter.)
Style

The TRB publications office staff uses certain standard reference works for guidance. In matters of spelling, definition, and compounding of words, *Merriam-Webster’s Collegiate Dictionary*, 11th edition, is generally followed. Published standards of scholarly organizations are accepted in questions involving usage of technical terms. Other matters of style and usage are based on documents widely accepted as authoritative (e.g., *Chicago Manual of Style*, 16th edition). Authors should avoid jargon, undefined acronyms, use of personal pronouns—particularly first-person singular and plural—and sexist language in their papers.

Organization of Manuscript

Submit the manuscript in a single electronic file organized in the following sequence (see Figure 1):

- Title page, including submission date, word count, and author names, affiliations, addresses, phone numbers, fax numbers, and e-mails (please indicate corresponding author);
- Abstract;
- Body of paper, with figures and tables embedded in the text, as close as possible to the related text;
- Acknowledgment (if any); and
- References.

Electronic File Formats

The paper must be submitted in PDF with the text line-numbered in the left margin, to facilitate the review process.

![FIGURE 1 Anatomy of a paper submitted for TRB peer review and for the Compendium of Papers; the submitted file must be a PDF.](image-url)
Manuscript Page Setup
For a sample paper showing model formatting, see http://onlinepubs.trb.org/onlinepubs/dva/PaperFormatModel.doc.

- Margins: 25.4 mm (1 in.) top; 25.4 mm (1 in.) left; adjust settings for bottom and right margins so that the text area is not more than 165.1 mm by 228.6 mm (6.5 in. by 9 in.).
- Font (typeface): Times New Roman, no smaller than 10 points.
- Numbering: Insert page numbers at upper right of each page; insert name(s) of author(s) at upper left of each page.
- Line-number all text within the document.
- Paragraphs: Indent first line 12.7 mm (0.5 in.); do not use an extra line space between paragraphs; do not indent first line after a subhead.
- Subheads: All subheads should be flush with the left margin, with one line space above.

FIRST-LEVEL SUBHEAD
(all capitals, boldface, on separate line)

Second-Level Subhead
(initial capitals, boldface, on separate line)

Third-Level Subhead
(initial capitals, italic, on separate line)

Fourth-Level Subhead (initial capitals, boldface, on same line as text, with extra letter space between the subhead and text)

Fifth-Level Subhead (initial capitals, italic, on same line as text, with extra letter space between the subhead and text)

- Bulleted and numbered lists: Indent first line 12.7 mm (0.5 in.); do not indent text runovers.
- Table titles and figure captions:

TABLE 5 Effects of All Factors
(Insert title above the table; “Table” is all capitals; title is initial capitals; all type is boldface; extra space but no punctuation after number; no punctuation at end of title.)

FIGURE 3 Example of results.
(Insert caption below the figure; “Figure” is all capitals; caption is sentence case; all type is boldface; extra space but no punctuation after number; period at end of caption.)

References

Searching and Citing Transportation Research Record Papers

TRB provides a tool to assist authors in conducting a literature review and identifying references for papers—TRR Online. This tool is available to provide access to the extensive information on research published in past volumes of the Transportation Research Record.
Citing *Transportation Research Record* papers raises the impact factor of the journal, which enhances the prestige of the journal and of the papers published. TRB hopes that authors will use one or both of these tools in preparing papers to be considered for presentation at Annual Meetings and publication in the *Transportation Research Record*.

In 2013, according to the Thomson Reuters Institute for Scientific Information (ISI), the *Transportation Research Record* recorded an ISI citation impact factor of 0.556, slightly higher than the 2012 impact factor of 0.441. This continues an upward trend in recent years, reflecting the efforts of the TRR Publication Board, established in 2006, and of authors and TRB staff to increase the journal’s citation impact factor.

The TRR Online search tool provides valuable information to the general public. It provides access to abstracts and references for all papers published in the *Transportation Research Record* since 1996 (it does not include papers from the previous Annual Meeting until they have been published in a hard-copy *Transportation Research Record*). Each paper has links to other *Transportation Research Record* publications by the same author, other papers within that volume, and to publications in other journals and literature databases. Authors who are employees of a TRB sponsor or who subscribe to or have access to a library that subscribes to TRR Online will have access to the full text of the published papers.

The link and more information about TRR Online can be found at [www.TRB.org/TRROnline](http://www.TRB.org/TRROnline).

**Guidelines for References**

1. The reference list should contain only references that are cited in the text, numbered in the order in which they are first cited. Bibliographic lists will not be published. Papers that do not conform to the numbered reference style will be returned to the authors for correction.
2. Denote a reference at the appropriate place in the text with an italicized Arabic numeral in parentheses, e.g., (2). Do not denote text references with superscripts.
3. Do not include in the reference list personal communications, telephone conversations, or similar material that would not be available to readers electronically or in printed form in a library or from the originating agency. Instead, cite the unpublished work in the text and enclose the author’s name along with the term “personal communication” in parentheses.
4. Do not repeat a reference in the list, and do not use ibid., idem, op. cit., or loc. cit. If a reference is cited more than once in the text, repeat the number first assigned to the reference.
5. Use the following content guidelines and samples in preparing reference lists:

   - **Printed sources.** Be sure that references to printed sources are complete. Include names of corporate or personal authors or editors, or both; title of article, chapter, book, or report; publisher or issuing agency; volume and issue or report number; page numbers; location of publisher; and year of publication.

TRB Publications

Book


Periodical


Government Report


• CD-ROMs. References to CD-ROMs should include the same information as references to printed sources and have “CD-ROM” after the title.


• Websites and electronic sources. References to websites should include corporate or personal authors, title of document, date of document (if available), web address (complete URL), and date accessed by the author.


• Unpublished papers. References to unpublished papers presented at meetings should include name(s) of author(s); title of paper; and title, sponsor(s), location, and dates or year of meeting.

• Program manuals, tapes, or other documentation for models. References to these items should cite the specific edition, the department responsible, and the year of release.


If a reference has no date, use “undated.” Detailed reference style instructions are available on request from the Publications Office.

Metrication

Authors are encouraged to provide measurements in both SI (metric) and U.S. customary units. The measurement unit of the original research should be followed by the equivalent conversion in parentheses. Papers accepted for publication without unit conversions will be published with the measurement units as submitted. TRB will not supply specific conversions for the papers; a general conversion chart appears in the front pages of each volume of the Transportation Research Record. Table 1 supplies some frequently used unit conversion factors.

Note: When converting U.S. customary measures of weight (force) and mass into SI units, express weight (force) in newtons and mass in kilograms; express poundforce per square inch (psi or lbf/in.²) of pressure or stress in kilopascals (kPa). For SI units, use prefixes instead of powers of 10.

For tables and figures, provide only the units of the original research and show the base unit conversion in a footnote; for example, NOTE: 1 mi = 1.61 km. Alternatively, in figures, equivalent units may be shown on the top and right axes of data plots.

Equations

All variables should be defined at first use, either in the text or in the where list for the equation.

1. Fractions in displayed equations should be stacked, in accordance with preferred mathematical practice.
2. If a displayed equation is numbered, use an Arabic numeral in parentheses, placed flush right.
3. Carefully distinguish the following:
   – All capital and lowercase letters;
   – Capital O (“oh”), lowercase o (“oh”), and 0 (zero);
   – Lowercase l (“el”) and number 1 (one);
   – Letter X, Greek chi (χ), and multiplication sign ×;
   – Prime ′, apostrophe ′, and superscript one ¹; and
   – English and Greek letters such as
     • B and beta (β), upper- or lowercase k and kappa (κ),
     • n and eta (η), v and nu (ν),
     • u and upsilon (υ), u and mu (μ), and
     • Upper- or lowercase p and rho (ρ), and w and lowercase omega (ω).
### TABLE 1 Measurement Conversions

<table>
<thead>
<tr>
<th>When You Know</th>
<th>Multiply by</th>
<th>To Find</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Length</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>inches (in.)</td>
<td>25.4</td>
<td>millimeters (mm)</td>
</tr>
<tr>
<td>feet (ft)</td>
<td>0.305</td>
<td>meters (m)</td>
</tr>
<tr>
<td>yards (yd)</td>
<td>0.914</td>
<td>meters (m)</td>
</tr>
<tr>
<td>miles (mi)</td>
<td>1.61</td>
<td>kilometers (km)</td>
</tr>
<tr>
<td><strong>Area</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>square inches (in.²)</td>
<td>645.1</td>
<td>millimeters squared (mm²)</td>
</tr>
<tr>
<td>square feet (ft²)</td>
<td>0.093</td>
<td>meters squared (m²)</td>
</tr>
<tr>
<td>square yards (yd²)</td>
<td>0.836</td>
<td>meters squared (m²)</td>
</tr>
<tr>
<td>acres</td>
<td>0.405</td>
<td>hectares (ha)</td>
</tr>
<tr>
<td>square miles (mi²)</td>
<td>2.59</td>
<td>kilometers squared (km²)</td>
</tr>
<tr>
<td><strong>Volume</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>fluid ounces (fluid oz)</td>
<td>29.57</td>
<td>milliliters (mL)</td>
</tr>
<tr>
<td>gallons (gal)</td>
<td>3.785</td>
<td>liters (L)</td>
</tr>
<tr>
<td>cubic feet (ft³)</td>
<td>0.028</td>
<td>meters cubed (m³)</td>
</tr>
<tr>
<td>cubic yards (yd³)</td>
<td>0.765</td>
<td>meters cubed (m³)</td>
</tr>
<tr>
<td><strong>Mass</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ounces (oz)</td>
<td>28.35</td>
<td>grams (g)</td>
</tr>
<tr>
<td>pounds (lb)</td>
<td>0.454</td>
<td>kilograms (kg)</td>
</tr>
<tr>
<td>short tons (2,000 lb)(T)</td>
<td>0.907</td>
<td>megagrams (Mg)</td>
</tr>
<tr>
<td><strong>Temperature (exact)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fahrenheit temperature (°F)</td>
<td>(F – 32)/1.8</td>
<td>Celsius temperature (°C)</td>
</tr>
<tr>
<td><strong>Illumination</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>footcandles (fc)</td>
<td>10.76</td>
<td>lux (lx)</td>
</tr>
<tr>
<td>footlamberts (fl)</td>
<td>3.426</td>
<td>candela/m² (cd/m²)</td>
</tr>
<tr>
<td><strong>Force and Pressure or Stress</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>poundforce (lbf)</td>
<td>4.45</td>
<td>newtons (N)</td>
</tr>
<tr>
<td>poundforce per square inch (psi)</td>
<td>6.89</td>
<td>kilopascals (kPa)</td>
</tr>
</tbody>
</table>
Footnotes

Do not use footnotes to the text. Incorporate the information into the text or delete the notes.

Abbreviations, Acronyms, and Symbols

Abbreviations, acronyms, and symbols must be fully defined at first use in both the abstract and the paper; the full term should be spelled out first, followed by the abbreviated term in parentheses. The following acronyms may be used without definition:

- AASHO  American Association of State Highway Officials
- AASHTO American Association of State Highway and Transportation Officials
- ACRP  Airport Cooperative Research Program
- APTA American Public Transportation Association
- ASCE  American Society of Civil Engineers
- ASTM American Society for Testing and Materials (known by abbreviation only)
- EPA Environmental Protection Agency
- FAA Federal Aviation Administration
- FHWA Federal Highway Administration
- FMCSA Federal Motor Carrier Safety Administration
- FRA Federal Railroad Administration
- FTA Federal Transit Administration
- IEEE Institute of Electrical and Electronics Engineers
- ISO International Organization for Standardization
- ITE Institute of Transportation Engineers
- NASA National Aeronautics and Space Administration
- NCHRP National Cooperative Highway Research Program
- NHTSA National Highway Traffic Safety Administration
- RITA Research and Innovative Technology Administration
- SAE Society of Automotive Engineers
- SHRP Strategic Highway Research Program
- TCRP Transit Cooperative Research Program
- TRB Transportation Research Board

Acknowledgments

Authors of papers that report results of research sponsored directly or indirectly by federal programs should indicate this sponsorship in an Acknowledgment section at the end of the text, above References. Contract, award, or project codes or numbers are not published in the Transportation Research Record.

Appendixes

*Do not use appendixes.* Include pertinent material in the paper itself or, where necessary, include a note that background material—such as derivation of formulas, specifications, or survey forms—is available from the author or in another report, which should be cited in the reference list.
Tables and Figures

For peer review and for the Compendium of Papers, figures and tables should be embedded in the text, as close as possible to the related text. Color is permissible.

Tables

Tables should supplement, not duplicate, the text.

1. Tables must conform to TRB style for tables as closely as possible.
   – All tabular material should be single-spaced in a font (typeface) no smaller than 10 points. Use the same font for all tables.
   – Place titles flush left to align with the left margin of the table; use boldface. The word “TABLE” should be in all-capital letters; use initial capitals for the remaining words in the title.
   – Do not submit a table in separate parts or sections that introduce new columns.
     • A table must be structured so that the data in each column pertain to the column heading.
     • New columns and column headings with new data rows may not be introduced farther down within the established format of a table.
     • New columns and column headings properly define a distinct table and should be presented separately with an appropriate title and table number.
   – Tables should not incorporate photographs, illustrations, or other material that cannot be typeset. Graphic materials should be presented as separate figures.
   – Give each column in the table a heading. Place abbreviated measurement terms in parentheses under the column heading.
   – To adhere to Accessibility Guidelines for the vision-impaired reader, avoid the use of spanner heads. For example, “Production per Year” and “Production per Day” should appear as

<table>
<thead>
<tr>
<th>Production per Year</th>
<th>Production per Day</th>
</tr>
</thead>
</table>

   – Insert a rule that extends across the full width of the table under the column heads.
   – Insert a full-width rule at the end of the table (and above the footnotes, if any).
   – Use lowercase italic superscript letters for footnotes.
   – Do not leave empty cells in a table. Insert a placeholder that indicates why the cells contain no data. Define the meaning of the placeholder in a general note to the table: for example, “NA = not available; na = not applicable; — = missing data.”
   – When a dash (—) is used in a table, indicate its meaning in a footnote (for example, missing data, incomplete research, data not applicable or unavailable, or problem investigated but no results).
2. Check the accuracy of all totals included in tables before submitting the paper.
3. For use of measurements, see section on metrication.
4. Do not use dots or screens.
5. Do not place a box or ruled frame around a finished table.
Figures

Use the following guidelines for figures:

1. Photographs should be high resolution (at least 300 dpi at a size of 4 in. × 5 in.).
2. Give each figure a caption. Place a figure caption single-spaced below each figure. If a figure contains several parts, label each part with a letter in parentheses—(a), (b), (c), etc.—use the same size type as that in the rest of the figure, and cite each labeled part in the caption.
3. Define in the caption all abbreviations, acronyms, and variables used in the figure.
4. Number figures consecutively in the order first cited in the text, using Arabic numerals. Reference must be made to each figure by number at the appropriate place in the text.
5. Avoid the use of dots or screens in figures and spreadsheet charts, especially in areas that include type.
   – If dots or screens are used in text areas, they should be no more than 30% black.
   – If more than one dot or screen weight is used, there should be a difference of at least 20% between dot or screen values.
   – Legends identifying the significance of dotted, screened, or crosshatched elements must be included in the figure.
6. Do not place a box or ruled frame around a finished figure.
7. Figures should be clear and legible:
   – The font (typeface) must be easily readable, not too small.
   – Use the same font for all figures.
   – Letters and symbols must be uniform and the same size throughout the figure (e.g., if wording on the ordinate and abscissa is in 10-point type, the symbols used to identify the data points also should be in 10-point type).
   – Line weights (except for lines indicating different data series in a graph) also must be uniform.
8. For use of measurements, see section on metrification.

PAPER SUBMISSION

Authors must convert their papers for peer review to PDF format before submission to the TRB website. Authors are reminded that the best way to avoid last-minute complications is to submit their paper well before the deadline. Authors are required to line-number the text of their papers before converting the files to PDF. Line numbering will facilitate the review process.

Tips for line numbering:

1. Check word processing Help for instructions on document line-numbering—starting at 1, counting by 1, and restarting each page.
2. For example, in Microsoft Word 2010, insert line numbers as follows:
   – Click on the Page Layout tab of the menu bar; then click on Page Setup, which will bring up the Page Setup box.
   – Click on the Layout tab in the Page Setup box; click on the Line Numbers button at the bottom left; click on Add Line Numbering; select the options to Start at 1, Auto, and Count by 1; and select the option to Restart each page.
Tips for converting files to PDF:

1. Line numbering—Turn on document line numbering before converting to PDF.
2. Fonts—Use Times New Roman, no smaller than 10 points, as described in the section on manuscript page setup. Any nonstandard fonts must be embedded into the PDF file.
3. Charts—Click on Paste to insert charts or images from other applications into the Word document. Do not use Paste Link.
4. Equations—Check the equations to make sure that symbol substitution has not occurred in the conversion to PDF.
5. Images—Whenever possible, use the JPEG image format (.jpg) instead of the bitmap format (.bmp), because JPEG images are compressed.
6. Track changes—Make sure that all changes are accepted before converting to PDF. If changes have not been accepted, the markup will appear in the converted document.
7. Check the converted PDF for accuracy and for font and formatting problems before submitting the file to TRB.

OTHER INFORMATION

Contacting TRB

Visit the TRB website to find the appropriate TRB staff representative:

Annual Meeting Registration Fees

All presenters of papers qualify for reduced registration fees at the Annual Meeting. TRB is unable to reimburse travel and other expenses of participants.
The Transportation Research Record: Journal of the Transportation Research Board publishes approximately 20% of the more than 5,000 papers that are peer reviewed each year. The mission of the Transportation Research Board (TRB) is to disseminate research results to the transportation community. The Record series contains applied and theoretical research results as well as papers on research implementation.

The TRB peer review process for the publication of papers allows a minimum of 30 days for initial review and 60 days for rereview, if needed, to ensure that only the highest-quality papers are published. A minimum of three reviews are required for a publication recommendation. The process also allows for scholarly discussion of any paper scheduled for publication, along with an author-prepared closure. The basic elements of the rigorous peer review of papers submitted to TRB for publication are described below.

Paper Submittal: June 1–August 1
Papers may be submitted to TRB at any time. However, most authors use the TRB web-based electronic submission process available between June 1 and August 1, for publication in the following year’s Record series.

Initial Review: August 15–November 15
TRB staff assigns each paper by technical content to a committee that administers the peer review. The committee chair assigns at least three knowledgeable reviewers to each paper. The initial review is completed by mid-September.

By October 1, committee chairs make a preliminary recommendation, placing each paper in one of the following categories:

1. Publish as submitted or with minor revisions;
2. Reconsider for publication, pending author changes and review; or
3. Reject for publication.

By late October, TRB communicates the results of the initial review to the corresponding author. Corresponding authors communicate the information to coauthors.

• Authors in Category 1 (above) must submit their manuscripts for TRB editorial production by November 15, in accordance with the instructions for final manuscript submittal for publication. These early-acceptance papers will be published online in the electronic edition of the journal, months before their appearance in a printed volume.

• Authors of papers in Category 2 (above) must submit a revised version by November 15 addressing all reviewer comments, along with an explanation of how the comments have been addressed.

Rereview: November 20–January 25
The committee chair sends the Category 2 revised papers to the initial reviewers for rereview. After rereview, the chair makes the final recommendation on papers in Category 2. If the paper has been revised to the committee’s satisfaction and ranks among the best papers, the chair may recommend publication. The chair communicates the results of the rereview to the authors.

Discussions and Closures: February 1–May 15
Discussions may be submitted for papers that will be published. TRB policy is to publish the paper, the discussion, and the author’s closure in the same Record.

Many papers considered for publication in the Transportation Research Record are also considered for presentation at TRB meetings. Individuals interested in submitting a discussion of any paper presented at a TRB meeting must notify TRB no later than February 1. If the paper has been recommended for publication in the Transportation Research Record, the discussion must be submitted to TRB no later than April 15. A copy of this communication is sent to the author and the committee chair.

The committee chair reviews the discussion for appropriateness and asks the author to prepare a closure to be submitted to TRB by May 15. The committee chair reviews the closure for appropriateness. After the committee chair approves both discussion and closure, the paper, the discussion, and the closure are included for publication together in the same Record.

Final Submittal of Revised Manuscripts: March 15
In early February, TRB requests a final manuscript for the Category 2, revised papers that have been accepted for publication; the final manuscripts must be submitted by March 15. TRB also notifies authors whose papers were not accepted for publication. TRB makes a concerted effort to publish all papers by December 31; some volumes, however, are released in January and February.

Paper Awards: April to January
The TRB Executive Committee has authorized annual awards sponsored by Groups in the Technical Activities Division for outstanding published papers:

• Charley V. Wootan Award (Policy and Organization Group);
• Pyke Johnson Award (Planning and Environment Group);
• K. B. Woods Award (Design and Construction Group);
• D. Grant Mickle Award (Operations and Preservation Group);
• John C. Vance Award (Legal Resources Group);
• Patricia F. Waller Award (Safety and System Users Group); and
• William W. Millar Award (Public Transportation Group).

Other Groups also may nominate published papers for any of the awards above. In addition, each Group may present a Fred Burgrgraf Award to authors 35 years of age or younger.

Peer reviewers are asked to identify papers worthy of award consideration. Each Group reviews all papers nominated for awards and makes a recommendation to TRB by September 1. TRB notifies winners of the awards, which are presented at the following TRB Annual Meeting.

Transportation Research Board
www.TRB.org
The National Academy of Sciences was established in 1863 by an Act of Congress, signed by President Lincoln, as a private, nongovernmental institution to advise the nation on issues related to science and technology. Members are elected by their peers for outstanding contributions to research. Dr. Ralph J. Cicerone is president.

The National Academy of Engineering was established in 1964 under the charter of the National Academy of Sciences to bring the practices of engineering to advising the nation. Members are elected by their peers for extraordinary contributions to engineering. Dr. C. D. Mote, Jr., is president.

The National Academy of Medicine (formerly the Institute of Medicine) was established in 1970 under the charter of the National Academy of Sciences to advise the nation on medical and health issues. Members are elected by their peers for distinguished contributions to medicine and health. Dr. Victor J. Dzau is president.

The three Academies work together as the National Academies of Sciences, Engineering, and Medicine to provide independent, objective analysis and advice to the nation and conduct other activities to solve complex problems and inform public policy decisions. The Academies also encourage education and research, recognize outstanding contributions to knowledge, and increase public understanding in matters of science, engineering, and medicine.

Learn more about the National Academies of Sciences, Engineering, and Medicine at www.national-academies.org.

The Transportation Research Board is one of seven major programs of the National Academies of Sciences, Engineering, and Medicine. The mission of the Transportation Research Board is to increase the benefits that transportation contributes to society by providing leadership in transportation innovation and progress through research and information exchange, conducted within a setting that is objective, interdisciplinary, and multimodal. The Board’s varied committees, task forces, and panels annually engage about 7,000 engineers, scientists, and other transportation researchers and practitioners from the public and private sectors and academia, all of whom contribute their expertise in the public interest. The program is supported by state transportation departments, federal agencies including the component administrations of the U.S. Department of Transportation, and other organizations and individuals interested in the development of transportation.

Learn more about the Transportation Research Board at www.TRB.org.