



# APPENDIX B

A comprehensive list of relevant resources is provided here by component. These resources are also listed at the end of each component chapter.

The TPM Toolbox as well as FHWA and FTA materials are important resources across all components:

Resource	Link
<i>TPM Toolbox</i>	<a href="http://www.tpmtools.org">www.tpmtools.org</a>
<i>FHWA Transportation Performance Management</i>	<a href="http://www.fhwa.dot.gov/tpm/links_fhwa.cfm">http://www.fhwa.dot.gov/tpm/links_fhwa.cfm</a>
<i>FHWA Fact Sheets on Fixing America’s Surface Transportation (FAST) Act</i>	<a href="https://www.fhwa.dot.gov/fastact/factsheets/">https://www.fhwa.dot.gov/fastact/factsheets/</a>
<i>FHWA Fact Sheets on Moving Ahead for Progress in the 21<sup>st</sup> Century (MAP-21)</i>	<a href="https://www.fhwa.dot.gov/map21/factsheets/">https://www.fhwa.dot.gov/map21/factsheets/</a>
<i>FHWA Resources on MAP-21 Rulemaking</i>	<a href="https://www.fhwa.dot.gov/tpm/rule.cfm">https://www.fhwa.dot.gov/tpm/rule.cfm</a>
<i>FHWA TPM Noteworthy Practices</i>	<a href="http://www.fhwa.dot.gov/tpm/resources/noteworthy.cfm">http://www.fhwa.dot.gov/tpm/resources/noteworthy.cfm</a>
<i>FTA Fact Sheets on FAST Act</i>	<a href="https://www.transit.dot.gov/funding/grants/fta-program-fact-sheets-under-fast-act">https://www.transit.dot.gov/funding/grants/fta-program-fact-sheets-under-fast-act</a>
<i>FTA Resources on MAP-21</i>	<a href="https://www.transit.dot.gov/regulations-and-guidance/legislation/map-21/map-21-program-fact-sheets">https://www.transit.dot.gov/regulations-and-guidance/legislation/map-21/map-21-program-fact-sheets</a>

## 01: Strategic Direction

Resource	Year	Link
<i>Performance Based Planning and Programming Guidebook</i>	2013	<a href="http://www.fhwa.dot.gov/planning/performance_based_planning/pbpp_guidebook/">http://www.fhwa.dot.gov/planning/performance_based_planning/pbpp_guidebook/</a>
<i>FHWA Interim Guidance on National Performance Measure Development</i>	2012	<a href="http://www.regulations.gov/#!documentDetail;D=FHWA-2013-0020-0016">http://www.regulations.gov/#!documentDetail;D=FHWA-2013-0020-0016</a>
<i>A Guidebook for Performance-Based Transportation Planning (NCHRP Report 446)</i>	2000	<a href="http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_446.pdf">http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_446.pdf</a>
<i>Performance Measurement Framework for Highway Capacity Decision Making (SHRP 2 Report S2-CO2-RR)</i>	2009	<a href="http://onlinepubs.trb.org/onlinepubs/shrp2/shrp2_S2-CO2-RR.pdf">http://onlinepubs.trb.org/onlinepubs/shrp2/shrp2_S2-CO2-RR.pdf</a>

Resource	Year	Link
<i>Model Long-Range Transportation Plans: A Guide for Incorporating Performance-Based Planning</i>	2012	<a href="http://www.fhwa.dot.gov/planning/performance_based_planning/mlrtp_guidebook/">http://www.fhwa.dot.gov/planning/performance_based_planning/mlrtp_guidebook/</a>
<i>Performance Measurement: Getting Results</i>	2006	Book, Harry P. Hatry (author) <a href="https://books.google.com/books/about/Performance_Measurement.html?id=PQNUNlwdbDQC">https://books.google.com/books/about/Performance_Measurement.html?id=PQNUNlwdbDQC</a>

## 02: Target Setting

General Resources	Year	Link
<i>Target Setting Peer Exchange</i>	2014	<a href="https://www.planning.dot.gov/Peer/Arizona/scottsdale_6-17-14_FHWA_target_setting.pdf">https://www.planning.dot.gov/Peer/Arizona/scottsdale_6-17-14_FHWA_target_setting.pdf</a>
<i>Transforming Performance Measurement for the 21<sup>st</sup> Century</i>	2014	<a href="http://www.urban.org/sites/default/files/alfresco/publication-pdfs/413197-Transforming-Performance-Measurement-for-the-st-Century.PDF">http://www.urban.org/sites/default/files/alfresco/publication-pdfs/413197-Transforming-Performance-Measurement-for-the-st-Century.PDF</a>
<i>SCOPM Task Force Findings on MAP-21 Performance Measure Target-Setting</i>	2013	<a href="http://scopm.transportation.org/Documents/SCOPM%20Task%20Force%20Findings%20on%20Performance%20Measure%20Target-Setting%20FINAL%20v2%20(3-25-2013).pdf">http://scopm.transportation.org/Documents/SCOPM%20Task%20Force%20Findings%20on%20Performance%20Measure%20Target-Setting%20FINAL%20v2%20(3-25-2013).pdf</a>
<i>Performance-Based Planning and Programming Guidebook</i>	2013	<a href="http://www.fhwa.dot.gov/planning/performance_based_planning/pbpp_guidebook/">http://www.fhwa.dot.gov/planning/performance_based_planning/pbpp_guidebook/</a>
<i>AASHTO SCOPM Target-Setting Workshop</i>	2013	<a href="http://sites.spypondpartners.com/targetsetting/workshop/slides/00-notes.pdf">http://sites.spypondpartners.com/targetsetting/workshop/slides/00-notes.pdf</a>
<i>NCHRP Report 666: Target-Setting Methods and Data Management to Support Performance-Based Resource Allocation by Transportation Agencies</i>	2010	<a href="http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_666.pdf">http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_666.pdf</a>
<i>A Performance Management Framework for State and Local Government</i>	2010	<a href="http://www.gfoa.org/sites/default/files/APerformanceManagementFramework.pdf">http://www.gfoa.org/sites/default/files/APerformanceManagementFramework.pdf</a>
<i>NCHRP Report 551: Performance Measures and Targets for Transportation Asset Management</i>	2006	<a href="http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_551.pdf">http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_551.pdf</a>
<i>Transportation Performance Management Awareness (FHWA-NHI Course #138001)</i>		<a href="https://www.nhi.fhwa.dot.gov/training/course_search.aspx?tab=0&amp;key=Transportation+Performance+Management&amp;sf=0&amp;course_no=138001">https://www.nhi.fhwa.dot.gov/training/course_search.aspx?tab=0&amp;key=Transportation+Performance+Management&amp;sf=0&amp;course_no=138001</a>
<i>Introduction to Performance Measurement (FHWA-NHI Course #138003)</i>		<a href="https://www.nhi.fhwa.dot.gov/training/course_search.aspx?tab=0&amp;key=Transportation+Performance+Management&amp;sf=0&amp;course_no=138003">https://www.nhi.fhwa.dot.gov/training/course_search.aspx?tab=0&amp;key=Transportation+Performance+Management&amp;sf=0&amp;course_no=138003</a>
<i>FHWA Office of Transportation Performance Management</i>	2011	<a href="http://www.fhwa.dot.gov/tpm/">http://www.fhwa.dot.gov/tpm/</a>

Safety Resources	Year	Link
<i>Urbanized and Nonurbanized Safety Target Setting: Final Report</i>	2015	<a href="http://safety.fhwa.dot.gov/hsip/tpm/fhwasa15067/">http://safety.fhwa.dot.gov/hsip/tpm/fhwasa15067/</a>
<i>Safety Target Setting Final Report</i>	2013	<a href="http://safety.fhwa.dot.gov/hsip/spm/docs/safetyfinalrpt.pdf">http://safety.fhwa.dot.gov/hsip/spm/docs/safetyfinalrpt.pdf</a>
<i>A Compendium of State and Regional Safety Target Setting Practices</i>	2013	<a href="http://safety.fhwa.dot.gov/hsip/spm/docs/compendium.pdf">http://safety.fhwa.dot.gov/hsip/spm/docs/compendium.pdf</a>
<i>Safety Target Setting Peer Exchange</i>	2013	<a href="http://safety.fhwa.dot.gov/hsip/spm/docs/peer_exchange.pdf">http://safety.fhwa.dot.gov/hsip/spm/docs/peer_exchange.pdf</a>
<i>Performance Management Practices and Methodologies for Setting Safety Performance Targets, Literature Review</i>	2011	<a href="http://safety.fhwa.dot.gov/hsip/spm/docs/literature_review.pdf">http://safety.fhwa.dot.gov/hsip/spm/docs/literature_review.pdf</a>

### 03: Planning

Resource	Year	Link
<i>Performance Based Planning and Programming Guidebook</i>	2013	<a href="http://www.fhwa.dot.gov/planning/performance_based_planning/pbpp_guidebook/">http://www.fhwa.dot.gov/planning/performance_based_planning/pbpp_guidebook/</a>
<i>Model Long-Range Transportation Plans: A Guide for Incorporating Performance-Based Planning</i>	2014	<a href="http://www.fhwa.dot.gov/planning/performance_based_planning/mlrtp_guidebook/fhwahep14046.pdf">http://www.fhwa.dot.gov/planning/performance_based_planning/mlrtp_guidebook/fhwahep14046.pdf</a>
<i>Integrating Business Processes to Improve Travel Time Reliability</i>	2011	<a href="http://onlinepubs.trb.org/onlinepubs/shrp2/SHRP2_S2-L01-RR-1.pdf">http://onlinepubs.trb.org/onlinepubs/shrp2/SHRP2_S2-L01-RR-1.pdf</a>
<i>NCHRP 806: Guide to Cross-Asset Resource Allocation and the Impact on Transportation System Performance</i>	2015	<a href="http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_806.pdf">http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_806.pdf</a>
<i>Risk-Based Transportation Asset Management: Evaluating Threats, Capitalizing on Opportunities</i>	2012	<a href="http://www.fhwa.dot.gov/asset/pubs/hif12035.pdf">http://www.fhwa.dot.gov/asset/pubs/hif12035.pdf</a>
<i>FHWA Scenario Planning Guidebook</i>	2011	<a href="https://www.fhwa.dot.gov/planning/scenario_and_visualization/scenario_planning/scenario_planning_guidebook/guidebook.pdf">https://www.fhwa.dot.gov/planning/scenario_and_visualization/scenario_planning/scenario_planning_guidebook/guidebook.pdf</a>
<i>PlanWorks</i>	2015	<a href="https://fhwaapps.fhwa.dot.gov/planworks/Home">https://fhwaapps.fhwa.dot.gov/planworks/Home</a>

### 04: Programming

Resource	Year	Link
<i>Performance Based Planning and Programming Guidebook</i>	2013	<a href="http://www.fhwa.dot.gov/planning/performance_based_planning/pbpp_guidebook/">http://www.fhwa.dot.gov/planning/performance_based_planning/pbpp_guidebook/</a>

## TPM Guidebook

Resource	Year	Link
<i>NCHRP 806: Guide to Cross-Asset Resource Allocation and the Impact on Transportation System Performance</i>	2015	<a href="http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_806.pdf">http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_806.pdf</a>
<i>Risk-Based Transportation Asset Management: Evaluating Threats, Capitalizing on Opportunities</i>	2012	<a href="http://www.fhwa.dot.gov/asset/pubs/hif12035.pdf">http://www.fhwa.dot.gov/asset/pubs/hif12035.pdf</a>
<i>FHWA Scenario Planning Guidebook</i>	2011	<a href="http://www.fhwa.dot.gov/planning/scenario_and_visualization/scenario_planning/scenario_planning_guidebook/">http://www.fhwa.dot.gov/planning/scenario_and_visualization/scenario_planning/scenario_planning_guidebook/</a>
<i>Defining Cross-Asset Decision Making: A Discussion Paper</i>	2015	<a href="http://www.tam-portal.com/wp-content/uploads/2016/01/Cross-Asset-Allocation.pdf">http://www.tam-portal.com/wp-content/uploads/2016/01/Cross-Asset-Allocation.pdf</a>
Flexible Funding for Highway and Transit	Ongoing	<a href="http://www.fta.dot.gov/grants/12867.html">http://www.fta.dot.gov/grants/12867.html</a>

## 05: Monitoring and Adjustment

Resource	Year	Link
<i>Performance Based Planning and Programming Guidebook</i>	2013	<a href="http://www.fhwa.dot.gov/planning/performance_based_planning/pbpp_guidebook/">http://www.fhwa.dot.gov/planning/performance_based_planning/pbpp_guidebook/</a>
<i>Model Long Range Transportation Plans: A Guide for Incorporating Performance-Based Planning</i>	2014	<a href="http://www.fhwa.dot.gov/planning/performance_based_planning/mlrtp_guidebook/fhwahep14046.pdf">http://www.fhwa.dot.gov/planning/performance_based_planning/mlrtp_guidebook/fhwahep14046.pdf</a>
<i>Integrating Business Processes to Improve Travel Time Reliability</i>	2011	<a href="http://onlinepubs.trb.org/onlinepubs/shrp2/SHRP2_S2-L01-RR-1.pdf">http://onlinepubs.trb.org/onlinepubs/shrp2/SHRP2_S2-L01-RR-1.pdf</a>
<i>NCHRP Report 806: Guide to Cross-Asset Resource Allocation and the Impact on Transportation System Performance</i>	2015	<a href="http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_806.pdf">http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_806.pdf</a>
<i>NCHRP Report 660: Transportation Performance Management: Insight from Practitioners</i>	2010	<a href="http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_660.pdf">http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_660.pdf</a>

## 06: Reporting and Communication

Resource	Year	Link
<i>Communicating Performance</i>	2015	<a href="http://communicatingperformance.com/">http://communicatingperformance.com/</a>
<i>Performance-Based Planning and Programming Guidebook</i>	2013	<a href="http://www.fhwa.dot.gov/planning/performance_based_planning/pbpp_guidebook/">http://www.fhwa.dot.gov/planning/performance_based_planning/pbpp_guidebook/</a>
<i>FHWA Performance Reporting: Part one of two Final Report</i>	2013	<a href="http://www.fhwa.dot.gov/tpm/resources/docs/hif13043.pdf">http://www.fhwa.dot.gov/tpm/resources/docs/hif13043.pdf</a>

## TPM Guidebook

Resource	Year	Link
<i>The New Language of Mobility</i>	2011	<a href="http://downloads.transportation.org/ANewWayToTalkAboutTransportation/NewLanguageofMobility.pdf">http://downloads.transportation.org/ANewWayToTalkAboutTransportation/NewLanguageofMobility.pdf</a>
<i>A Guidebook for Performance-Based Transportation Planning (NCHRP Report 446)</i>	2000	<a href="http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_446.pdf">http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_446.pdf</a>

## A: Organization and Culture

Resource	Year	Link
<i>Performance Based Planning and Programming Guidebook</i>	2013	<a href="http://www.fhwa.dot.gov/planning/performance_based_planning/pbpp_guidebook/">http://www.fhwa.dot.gov/planning/performance_based_planning/pbpp_guidebook/</a>
<i>NCHRP Report 798: The Role of Planning in a 21<sup>st</sup> Century State Department of Transportation—Supporting Strategic Decisionmaking</i>	2015	<a href="http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_798.pdf">http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_798.pdf</a>
<i>NCHRP Report 660: Transportation Performance Management: Insight from Practitioners</i>	2010	<a href="http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_660.pdf">http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_660.pdf</a>
<i>A CFO's Handbook on Performance Management</i>	2010	<a href="http://www.transportation-finance.org/pdf/0211_performance_management_briefing_paper.pdf">http://www.transportation-finance.org/pdf/0211_performance_management_briefing_paper.pdf</a>

## B: External Collaboration

Resource	Year	Link
<i>Performance Based Planning and Programming Guidebook</i>	2013	<a href="http://www.fhwa.dot.gov/planning/performance_based_planning/pbpp_guidebook/">http://www.fhwa.dot.gov/planning/performance_based_planning/pbpp_guidebook/</a>
<i>Model Long Range Transportation Plans: A Guide for Incorporating Performance-Based Planning</i>	2014	<a href="http://www.fhwa.dot.gov/planning/performance_based_planning/mlrtp_guidebook/fhwahep14046.pdf">http://www.fhwa.dot.gov/planning/performance_based_planning/mlrtp_guidebook/fhwahep14046.pdf</a>
<i>Integrating Business Processes to Improve Travel Time Reliability</i>	2011	<a href="http://onlinepubs.trb.org/onlinepubs/shrp2/SHRP2_S2-L01-RR-1.pdf">http://onlinepubs.trb.org/onlinepubs/shrp2/SHRP2_S2-L01-RR-1.pdf</a>
<i>NCHRP Report 806: Guide to Cross-Asset Resource Allocation and the Impact on Transportation System Performance</i>	2015	<a href="http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_806.pdf">http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_806.pdf</a>
<i>NCHRP Report 660: Transportation Performance Management: Insight from Practitioners</i>	2010	<a href="http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_660.pdf">http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_660.pdf</a>
<i>PlanWorks</i>	2015	<a href="https://fhwaapps.fhwa.dot.gov/planworks/Home">https://fhwaapps.fhwa.dot.gov/planworks/Home</a>

Resource	Year	Link
<i>Target Setting Peer Exchange</i>	2014	<a href="https://www.planning.dot.gov/Peer/Arizona/scottsdale_6-17-14_FHWA_target_setting.pdf">https://www.planning.dot.gov/Peer/Arizona/scottsdale_6-17-14_FHWA_target_setting.pdf</a>
<i>Communicating Performance</i>	2015	<a href="http://communicatingperformance.com/">http://communicatingperformance.com/</a>

### C: Data Management

Resource	Year	Link
<i>Improving Safety Data Programs Through Data Governance and Data Business Planning</i>	2015	<a href="http://onlinepubs.trb.org/onlinepubs/circulars/ec196.pdf">http://onlinepubs.trb.org/onlinepubs/circulars/ec196.pdf</a>
<i>FHWA Traffic Monitoring Guide, Appendix E., Compendium of Quality Control Criteria</i>	2013	<a href="http://www.fhwa.dot.gov/policyinformation/tmguidetmg_2013/compendium-data-quality.cfm">http://www.fhwa.dot.gov/policyinformation/tmguidetmg_2013/compendium-data-quality.cfm</a>
<i>How to Develop a Data Management and Sharing Plan</i>	2011	<a href="http://www.dcc.ac.uk/resources/how-guides/develop-data-plan">http://www.dcc.ac.uk/resources/how-guides/develop-data-plan</a>
<i>Private Sector Data for Performance Management</i>	2011	<a href="http://www.ops.fhwa.dot.gov/publications/fhwahop11029/fhwahop11029.pdf">http://www.ops.fhwa.dot.gov/publications/fhwahop11029/fhwahop11029.pdf</a>
<i>NCHRP Report 666: Target Setting Methods and Data Management to Support Performance-Based Resource Allocation by Transportation Agencies</i>	2010	<a href="http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_666.pdf">http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_666.pdf</a>
<i>NCHRP Report 814: Data to Support Transportation Agency Business Needs: A Self-Assessment Guide</i>	2015	<a href="http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_814.pdf">http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_814.pdf</a>
<i>FHWA Volume 1: Data Governance Primer</i>	2015	<a href="http://www.fhwa.dot.gov/datagov/dgpvolume%201.pdf">http://www.fhwa.dot.gov/datagov/dgpvolume%201.pdf</a>
<i>FHWA Data Integration Primer</i>	2010	<a href="http://www.fhwa.dot.gov/asset/dataintegration/if10019/dip00.cfm">http://www.fhwa.dot.gov/asset/dataintegration/if10019/dip00.cfm</a>
<i>NOAA Plan for Increasing Public Access to Research Results</i>	2015	<a href="http://docs.lib.noaa.gov/noaa_documents/NOAA_Research_Council/NOAA_PARR_Plan_v5.04.pdf">http://docs.lib.noaa.gov/noaa_documents/NOAA_Research_Council/NOAA_PARR_Plan_v5.04.pdf</a>
<i>NASCIO Governance Series</i>	2008	<a href="http://nascio.org/Portals/0/Publications/Documents/NASCIO-DataGovernance-Part1.pdf">http://nascio.org/Portals/0/Publications/Documents/NASCIO-DataGovernance-Part1.pdf</a>
	-	<a href="http://nascio.org/Portals/0/Publications/Documents/NASCIO-DataGovernancePTII.pdf">http://nascio.org/Portals/0/Publications/Documents/NASCIO-DataGovernancePTII.pdf</a>
	2009	<a href="http://nascio.org/Portals/0/Publications/Documents/NASCIO-DataGovernancePTIII.pdf">http://nascio.org/Portals/0/Publications/Documents/NASCIO-DataGovernancePTIII.pdf</a>
<i>FHWA Data Quality White Paper</i>	2008	<a href="http://ops.fhwa.dot.gov/publications/fhwahop08038/pdf/dataqual_whitepaper.pdf">http://ops.fhwa.dot.gov/publications/fhwahop08038/pdf/dataqual_whitepaper.pdf</a>
<i>FHWA Asset Management Data Collection for Supporting Decision Processes</i>	2006	<a href="http://www.fhwa.dot.gov/asset/dataintegration/if08018/assetmgmt_web.pdf">http://www.fhwa.dot.gov/asset/dataintegration/if08018/assetmgmt_web.pdf</a>
<i>FHWA Traffic Data Quality Measurement</i>	2004	<a href="http://ntl.bts.gov/lib/jpodocs/reports/14058.htm">http://ntl.bts.gov/lib/jpodocs/reports/14058.htm</a>

Resource	Year	Link
<i>FHWA GIS-T Operating Agreements Page</i>		<a href="https://www.gis.fhwa.dot.gov/gdc_agreements.asp">https://www.gis.fhwa.dot.gov/gdc_agreements.asp</a>
<i>New York State Department of Transportation – NYSGIS Clearinghouse</i>		<a href="https://gis.ny.gov/gisdata/inventories/member.cfm?OrganizationID=539">https://gis.ny.gov/gisdata/inventories/member.cfm?OrganizationID=539</a>
<i>The Data Management Association Data Management Body of Knowledge</i>		<a href="http://www.dama.org/content/body-knowledge">http://www.dama.org/content/body-knowledge</a>
<i>International Association for Information and Data Quality</i>		<a href="http://iaidq.org/">http://iaidq.org/</a>

## D: Data Usability and Analysis

General Resources	Year	Link
<i>AASHTO Asset Management Guide, Volume 2</i>	2013	<a href="https://www.fhwa.dot.gov/asset/pubs/hif13047.pdf">https://www.fhwa.dot.gov/asset/pubs/hif13047.pdf</a>
<i>NCRHP Report 666: Target Setting Method and Data Management to Support Performance-Based Resource Allocation by Transportation Agencies</i>	2010	<a href="http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_666.pdf">http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_666.pdf</a>
<i>NCHRP Report 814: Data to Support Transportation Agency Business Needs: A Self-Assessment Guide</i>	2015	<a href="http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_814.pdf">http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_814.pdf</a>
<i>NCHRP Report 800: Successful Practices in GIS-Based Asset Management</i>	2015	<a href="http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_800.pdf">http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_800.pdf</a>
<i>Data Systems and Asset Management Including 2014 Thomas B. Deen Distinguished Lecture</i>	2014	<a href="http://trrjournalonline.trb.org/toc/trr/2460">http://trrjournalonline.trb.org/toc/trr/2460</a>

Pavement Resources	Year	Link
<i>AASHTO Pavement Management Guide, 2<sup>nd</sup> Edition</i>	2012	<a href="https://bookstore.transportation.org/collection_detail.aspx?ID=117">https://bookstore.transportation.org/collection_detail.aspx?ID=117</a>
<i>Pavement Health Track (PHT) Analysis Tool, Summary Report</i>	2013	<a href="https://www.fhwa.dot.gov/pavement/healthtrack/publications/technical/technical.pdf">https://www.fhwa.dot.gov/pavement/healthtrack/publications/technical/technical.pdf</a>
<i>FHWA Long Term Pavement Performance (LTPP) Website</i>	2015	<a href="http://www.fhwa.dot.gov/research/tfhrc/programs/infrastructure/pavements/ltppl/">http://www.fhwa.dot.gov/research/tfhrc/programs/infrastructure/pavements/ltppl/</a>
<i>NCHRP Synthesis 335: Pavement Management Applications Using Geographic Information Systems</i>	2004	<a href="http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_syn_335.pdf">http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_syn_335.pdf</a>
<i>Database Development for an HMA Pavement Performance Analysis System</i>	2008	<a href="http://wisdotresearch.wi.gov/wp-content/uploads/06-13hmadatabase-f.pdf">http://wisdotresearch.wi.gov/wp-content/uploads/06-13hmadatabase-f.pdf</a>

Bridge Resources	Year	Link
<i>NCHRP Report 590: Multi-Objective Optimization for Bridge Management Systems</i>	2007	<a href="http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_590.pdf">http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_590.pdf</a>
<i>FHWA Long Term Bridge Performance Website</i>	2015	<a href="https://www.fhwa.dot.gov/research/tfhrc/programs/in_frastructure/structures/ltpb/">https://www.fhwa.dot.gov/research/tfhrc/programs/in_frastructure/structures/ltpb/</a>
<i>Creation of Long-Term Bridge Performance (LTBP) Bridge Portal: A Web-based Application with Advanced Visualization and Analysis Tools</i>		

Safety Resources	Year	Link
<i>Highway Safety Manual, First Edition, with 2014 Supplement</i>	2014	<a href="https://bookstore.transportation.org/collection_detail.aspx?ID=135">https://bookstore.transportation.org/collection_detail.aspx?ID=135</a>
<i>NCHRP Research Results Digest 329: Highway Safety Manual Data Needs Guide</i>	2008	<a href="http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rrd_329.pdf">http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rrd_329.pdf</a>
<i>AASHTOWare Safety Analyst Website</i>		<a href="http://www.safetyanalyst.org/">http://www.safetyanalyst.org/</a>
<i>Development of a Visualization System for Safety Analyst</i>	2014	<a href="http://trrjournalonline.trb.org/doi/10.3141/2460-19">http://trrjournalonline.trb.org/doi/10.3141/2460-19</a>
<i>Crash Modification Factors Clearinghouse</i>	2015	<a href="http://www.cmfclearinghouse.org/about.cfm">http://www.cmfclearinghouse.org/about.cfm</a>
<i>FHWA Highway Safety Information System, Safety Analysis Tools Website</i>	2015	<a href="http://www.hsisinfo.org/hsis.cfm?type=6">http://www.hsisinfo.org/hsis.cfm?type=6</a>
<i>Exploring Clusters of Contributing Factors for Single-Vehicle Fatal Crashes Through Multiple Correspondence Analysis</i>	2014	<a href="http://trid.trb.org/view/1286022">http://trid.trb.org/view/1286022</a>

System Performance and Freight Resources	Year	Link
<i>FHWA Traffic Monitoring Guide</i>	2013	<a href="https://www.fhwa.dot.gov/policyinformation/tmguide/">https://www.fhwa.dot.gov/policyinformation/tmguide/</a>
<i>FHWA Freight Analysis Framework</i>	2015	<a href="http://ops.fhwa.dot.gov/FREIGHT/freight_analysis/faf/index.htm">http://ops.fhwa.dot.gov/FREIGHT/freight_analysis/faf/index.htm</a>
<i>NCFRP Report 8: Freight Demand Modeling to Support Public Sector Decision Making</i>	2010	<a href="http://onlinepubs.trb.org/onlinepubs/ncfpr/ncfpr_rpt_008.pdf">http://onlinepubs.trb.org/onlinepubs/ncfpr/ncfpr_rpt_008.pdf</a>
<i>SHRP 2 Report S2-L02-RR-2: Guide to Establishing Monitoring Programs for Travel Time Reliability</i>	2014	<a href="http://onlinepubs.trb.org/onlinepubs/shrp2/SHRP2_S2-L02-RR-2.pdf">http://onlinepubs.trb.org/onlinepubs/shrp2/SHRP2_S2-L02-RR-2.pdf</a>
<i>SHRP 2 Report S2-L05-RR-2: Guide to</i>	2014	<a href="http://onlinepubs.trb.org/onlinepubs/shrp2/SHRP2_S2">http://onlinepubs.trb.org/onlinepubs/shrp2/SHRP2_S2</a>



System Performance and Freight Resources	Year	Link
<i>Incorporating Reliability Performance Measures into the Transportation Planning and Programming Processes</i>		<a href="#">-L05-RR-2.pdf</a>
<i>SHRP 2 Report S2-L04-RR-1: Incorporating Reliability Performance Measures into Operations and Planning Modeling Tools</i>	2014	<a href="http://onlinepubs.trb.org/onlinepubs/shrp2/SHRP2_S2-L04-RR-1.pdf">http://onlinepubs.trb.org/onlinepubs/shrp2/SHRP2_S2-L04-RR-1.pdf</a>
<i>SHRP 2, EconWorks Wider Economic Benefits Analysis Tools</i>		<a href="https://planningtools.transportation.org/75/analysis-tools.html">https://planningtools.transportation.org/75/analysis-tools.html</a>
<i>SHRP 2 Report S2-C20-RR-1: Freight Demand Modeling and Data Improvement</i>	2013	<a href="http://onlinepubs.trb.org/onlinepubs/shrp2/SHRP2_S2-C20-RR-1.pdf">http://onlinepubs.trb.org/onlinepubs/shrp2/SHRP2_S2-C20-RR-1.pdf</a>
<i>Wide-area Congestion Performance Monitoring Using Probe Data</i>	2013	<a href="http://trid.trb.org/view/1238533">http://trid.trb.org/view/1238533</a>
<i>NCHRP Synthesis 406: Advanced Practices in Travel Forecasting</i>	2010	<a href="http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_syn_406.pdf">http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_syn_406.pdf</a>
<i>NCHRP Synthesis 384: Forecasting Metropolitan Commercial and Freight Travel</i>	2008	<a href="http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_syn_384.pdf">http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_syn_384.pdf</a>