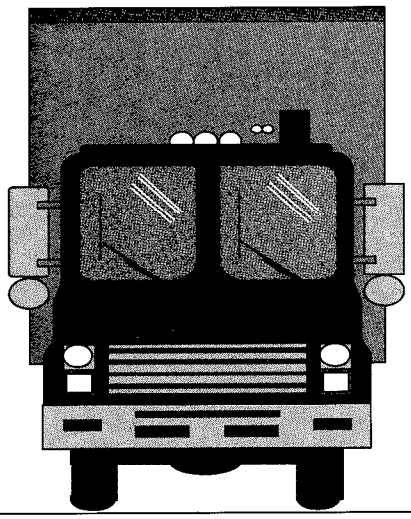
PB2001-102424

U.S. Department of Transportation

The U.S. Department of Transportation's

Comprehensive Truck Size and Weight Study



Volume IV
Guide to Documentation

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VOLUME IV: GUIDE TO DOCUMENTATION

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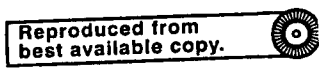

SECTION I: BACKGROUND MATERIALS

FHWA DOCKET 95-5

FHWA COMPREHENSIVE TRUCK SIZE AND WEIGHT STUDY; UPDATE OF STUDY PLAN
FEDERAL REGISTER/VOL.60, NO.168/WEDNESDAY, AUGUST 30, 1995/NOTICES
Page 45210

ANALYSIS OF COMMENTS TO FHWA DOCKET 95-5 COMPREHENSIVE TRUCK SIZE AND WEIGHT STUDY
Battelle, July 1995

TRUCK SIZE AND WEIGHT OPEN MEETING, MARCH 21, 1995
Transcript by: CASET Associates, Ltd.

FHWA COMPREHENSIVE TRUCK SIZE AND WEIGHT STUDY
FEDERAL REGISTER/VOL.60, NO.22/THURSDAY, FEBRUARY 2, 1995/NOTICES
Page 6587

FHWA DOCKET 98-4498

DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION; FHWA DOCKET NO. FHWA-98-4498; FHWA-95-5 COMPREHENSIVE TRUCK SIZE AND WEIGHT STUDY; AVAILABILITY OF VOLUME III, SCENARIO ANALYSIS
FEDERAL REGISTER/VOL.64,NO.10/FRIDAY, JANUARY 15, 1999/NOTICES
Page 2699

SYNTHESIS OF TRUCK SIZE AND WEIGHT STUDIES AND ISSUES FINAL REPORT

Battelle, March 1995

The initial Study report summarizes and assesses past policy studies and technical research. Technical knowledge about relationships between truck size and weight (TS&W) policy controls and relevant evaluation and decision criteria are synthesized by study area: pavement, bridge, roadway geometry, traffic operations, safety, permits and pricing mechanisms, enforcement, truck travel and mode share, and environment and energy conservation. Current State and Federal TS&W laws and regulations are presented, knowledge gaps and research needs identified.

TRUCK SIZE AND WEIGHT METHODOLOGY REVIEW CONFERENCE-JULY 7-8, 1998
Washington, D.C.

A two-day conference was held for the purpose of presenting an overview of the analysis techniques underlying the assessment procedures employed in the impact analysis of the Study scenarios. The conference was structured to facilitate review of the Study's analytical approach, not to present analysis results, findings or conclusions.

TECHNICAL REPORTS

Evaluation of Limitations in Roadway Geometry and Impacts on Traffic Operations for Proposed Changes in Truck Size and Weight Policy
Pennsylvania State University
June 5, 1997 **DRAFT**

This study examines nine States from the five regions of the study to determine the impact of selected truck configurations on the geometric elements and traffic operations of the current roadway system to identify geometric improvements required for operation. The study estimates the cost to complete the improvements identified if TS&W policy changes. Four key truck operating characteristics are examined in relationship to the geometric design of roadways: offtracking, speed maintenance and acceleration on grades, braking, and passing ability on two-lane highways.

A Post Deregulation Perspective on Shipper Decision-Making
Battelle
November 1996 **DRAFT**

This report is based on an extensive review of the transportation mode choice literature, a series of shipper group meetings held around the United States (U.S.) additional interviews with shippers and carriers, and a number of shipper and carrier presentations made at major conferences. This report summarizes recent changes in freight transportation; describes the shipper decision-making process; presents the results of several meetings with shippers, as well as field work; predicts likely future developments based on recent events and a survey of over 200 chief logistics executives at major U.S. firms; and concludes by discussing potential shippers' responses to each of the selected illustrative policy scenarios in the Comprehensive Truck Size and Weight Study.

Analysis of the Truck Inventory and Use Survey from the Truck Size and Weight Perspective with Four Axles or Less
Battelle
July 1996 **DRAFT**

The U.S. Bureau of Census collects truck data in five-year cycles using the Truck Inventory and Use Survey (TIUS). The1992 TIUS data was examined and analyzed, and information on trucks and combination vehicles in the U.S. truck fleet, with four axles or less, is summarized and presented in this report with narrative discussion, tables, charts and graphs. The information includes fleet make-up, size, use, location and types of commodities hauled at the national, regional and local levels.

Analysis of the Truck Inventory and Use Survey from the Truck Size and Weight Perspective with Five Axles or More
Battelle
February 1996 **FINAL**

This is a companion report to the report above. It covers the same analyses used for four axles or less for truck configurations with five or more axles.

Dynamic Performance of Various Truck Configurations: Tractor-Trailer Performance
Roaduser Research International
February 1996 **DRAFT**

This report evaluates the performance attributes of tractor-trailer combinations common in the present truck fleet and those that have potential for operation under the various Comprehensive TS&W study scenarios. Five basic vehicle classes were initially examined:(1) semitrailer combinations, (2) single-unit trucks, (3) truck-trailer combinations, (4) double-trailer combinations, and (5) triple-trailer combinations. The vehicles were analyzed by first establishing the stability and control characteristics of baseline vehicles and then by examining the influence of length, weight, body type, and axle configuration relative to the baseline vehicle for each class.

1995 Truck Size and Weight Performance-Based Workshop
Battelle
January 1996 **FINAL**

This paper summarizes presentations and breakout sessions of a workshop on the concept of performance-based regulations for TS&W. The workshop was organized by the U.S. Department of Transportation and was held on June 30, 1995 in Ann Arbor, Michigan. The workshop included three keynote speakers: Robert Clarke (National Highway Traffic Safety Administration) addressed implementation of the concept for regulating weight limits, Peter Sweatman (Roaduser Research, Australia) discussed vehicle stability and control issues related to performance-based standards, and Kit Mitchell (formerly of Transport Research Laboratory, United Kingdom) discussed the interaction of heavy vehicles and pavements.

Truck Size and Weight Modeling Workshop
Battelle
September 1995 **FINAL**

This report summarizes the Federal Highway Administration sponsored workshop held February 10, 1995 as part of the Comprehensive TS&W study. Models presented at the workshop and critiqued are: Highway Traffic Forecasting System, Freight Network Policy Model, Cost and Diversion Effects, Freight Transportation Analyzer Model, and Truck-Rail/Rail-Truck Diversion Model. General discussion of the Commodity Flow Survey and Truck Inventory and Use Survey is presented and a review of the models and databases available for the CTS&W study concluded the workshop.

State to State Commodity Flows by Mode
Reebie Associates **DRAFT**

Contains 1994 output data for commodities summarized into tables for all States origin-destination (OD) pairs for rail miles traveled and payload ton miles, highway vehicle miles traveled and payload ton miles, and water payload ton miles (based on highway miles). The commodities are: farm (STCC 1), forest (STCC 8), food (STCC 9, 20, 21), ores and minerals (STCC 10, 14), coal (STCC 11), crude petroleum and gas (STCC 13), textile and apparel (STCC 22, 23, 31), lumber and fabricated wood (STCC 24), furniture and fixtures (STCC 25), paper and print (STCC 26, 27), chemicals (STCC 28), petroleum and products (STCC 29), plastic and rubber (STCC 30), glass products (STCC 3211-3229), building materials (STCC 3241-3299), primary metal products (STCC 33), fabricated metals (STCC 34), machinery (STCC 35, 19, 36), transport equipment (STCC 37), other (STCC 38, 39, >40), waste and scrap (STCC 40), shipping containers (STCC 42), and FAK (STCC 46).

U.S. - Mexico Crossborder Case Study
Battelle
November 1996 **DRAFT**

This case study analyzes trucking activity and freight movement across the U.S./ Mexican border and the influence of TS&W regulations on operations. Land transportation is the dominant mode for trade at the border between the United States and Mexico and there are 37 highway crossings along the border. Fifteen of the 37 crossings were selected for the case study because: (1) there is an Interstate System highway, National Network highway, or National Highway System highway, or (2) annual northbound commercial traffic flow exceeds 12,000 trucks. Chapter 2 characterizes the road network at each of the 15 crossings, identifies current TS&W limits, illustrates the influence of the TS&W limits on vehicle characteristics, examines the Truck Inventory and Use Survey (TIUS) data on fleet make-up, commodities handled, operating range and weight in the southern United States. Chapter 3 summarizes information obtained from the Transborder Surface Freight Transportation database for trade flow patterns, including the maquiladora trade flow. Finally, Chapter 4 presents information on truck flows, volume, and vehicle classification across and along the border.

Longer Combination Vehicle (LCV) Operations in the Eastern United States
Battelle
November 1996 **DRAFT**

Past research on the operation of LCVs focused on the western States where they have been allowed to operate for many years. This research examines LCV operations in three corridors east of the Mississippi River in States where operations are permitted and examines possible impacts from changes to the TS&W limits. Specifically, the paper identifies (1) TS&W limits that apply to operation, (2) the conditions under which LCVs are permitted on the Florida Turnpike, New York State Thruway, and Ohio Turnpike, (3) how many LCVs operate in these corridors, and (4) potential lessons learned regarding change in TS&W policy.

Selected Regional Trucking Commodity Case Studies
Battelle
July 1996 **DRAFT**

❒ "Less-Than-Truckload Motor Carriers," Thomas Corsi, University of Maryland

This paper analyzes the impact of current and alternative TS&W policy on the Less-Than-Truckload (LTL) segment of the motor carrier industry. Recent developments in the industry, including market structure changes, shifts in strategic orientation and diversification, technological advances, improved efficiencies in operating practices, and projected developments in the next ten years are discussed.

❒ "Truckload Motor Carriers," Thomas Corsi, University of Maryland

Truckload (TL) carriers, surviving in the competitive post-Motor Carrier Act of 1980 environment, are significantly more efficient than were the TL carriers in the regulated era. This paper analyzes the impact of current and alternative TS&W policy on the TL carriers. The paper discusses recent developments in the industry, including market structure changes, shifts in strategic orientation and diversification, technological advances, improved efficiencies in operating practices, and projected developments in the next ten years.

❒ "Coal Haul Truck Operations in Kentucky," Herbert Southgate, Consulting Engineer

This case study presents various factors affecting coal trucking operations in Kentucky and discusses physical changes to coal trucks that were required to haul loads heavier than those allowed on the Interstate System. The paper presents a brief background discussion on the geological formation of the coal fields to explain the use of strip mining in the southern part of the western field and underground mining in another region. Detailed information on grandfather authority and Kentucky's Extended Weight System operations are presented.

❒ "Container Transport," Douglas Coats, Manalytics International

This paper describes the transportation of containers by truck and in intermodal operations by any combination of water, highway, and rail. The emphasis of the paper is on the trucking industry, however the role of ocean carriers, railroads, and intermodal marketing companies is addressed in detail. The paper also presents an analysis of the impact of potential changes to Federal TS&W policy.

❒ "The Washington State Forest Products Industry," Dr. Kenneth Casavant, Washington State University

This paper presents a summary and analysis of information obtained from a survey in January, 1996 of the forest products industry in Northeastern and Southeastern Washington state. The information obtained includes origin-destination, mode used, and highway use for truck shipments. The forest products industry is comprised of three segments: raw log producers, mills, and commercial transportation companies. The information was obtained from a survey of the raw log producers.

❒ "Just-In-Time Delivery, The Automobile Industry," Chip White

Just-in-time (JIT) delivery is a by-product of lean manufacturing, which is a collection of manufacturing procedures that attempt to remove waste from, and increase the efficiency of, the manufacturing process. Application of the JIT delivery approach to the manufacturing and delivery of automobiles is discussed and the potential impact of TS&W changes are analyzed.

❒ "Western Longer Combination Vehicle Case Studies," Sharon Nichols, Western Highway Institute

The history of LCV operations of motor carriers in the Western States is presented and four motor carriers selected for detailed case studies. The paper describes the motor carrier's operation, its general utilization characteristics, types of vehicles operated, routes and products hauled. Each carrier operation is evaluated under a status quo scenario for TS&W policy and the potential impact of changes to policy are discussed.

❒ "Impacts on the Economic Base and Transportation Services of Midwest States with Primarily Farm and Food Economies," Thomas Maze Transportation Systems Analysts

This study examined the potential impact of Federal TS&W policy scenarios on the transportation of farm and food products from the mid-western States. The study specifically focuses on the major grain crops and livestock produced in upper midwestern States—corn and soybeans, cattle and swine—and the resulting processed grain and meat products.

Western U.S. - Canada Crossborder Case Study
Battelle
December 1995 **FINAL**

This case study examines trucking across the western U.S./Canadian border and the influence of TS&W regulations on operations. Types of commodities transported, density of truck volumes, TS&W regulatory regimes resulting from grandfathered exemptions, and truck configurations are discussed and the implications of changes to TS&W policy are presented. The western border consists of 54 highway crossings beginning at the western end of Lake Superior to the West coast of Washington State that handle one-third of the total truck traffic on the United States - Canada border. Twenty-eight of the crossings were selected for examination.

Analysis of Freight Transportation Systems in the Interstate I-75 Corridor
Battelle
August 1997 **DRAFT**

This study investigates the impact of TS&W policy on freight movements along the I-75 corridor from the U.S./Canadian border at Detroit, Michigan to Miami, Florida. The report provides information on the primary commodities moved, shipper decision making, modal competition, and rail/truck capacity.

I-90/I-94 Corridor Study
Battelle
December 1996 **DRAFT**

This study provides information on the impact of TS&W policy on truck activity along the Interstates I-90 and I-94 corridor from Seattle, Washington to Chicago, Illinois. Consistent with the other corridor studies in this TS&W study, information on commodities, truck configurations, and modal competition is presented.

Chicago - Los Angeles Corridor Analysis
Reebie Associates
January 1997 **DRAFT**

This report provides a detailed analysis of the Chicago-Los Angeles freight traffic corridor and the intense competition between long-haul trucking and rail intermodal services in the corridor. The two major hubs at each end of the corridor generate a significant amount of freight volume in the corridor which is growing. The report includes a description of the major routes in the corridor for truck and rail intermodal, traffic volume by mode, key commodities, and modal facilities. The Port of Los Angeles/Long Beach has great potential for growth in U.S. international trade and containerized freight.

Minneapolis - New Orleans Corridor Analysis
Reebie Associates
January 1997 **DRAFT**

This report provides an analysis of the Minneapolis, Minnesota and New Orleans freight traffic corridor which parallels the Mississippi River from north to south. The report describes the corridor character and market patterns that result in 53 percent of the volume being transported by water, 28 percent by truck and 19 percent by rail. The report analyzes the potential impact of changes to TS&W policies.

I-80 Corridor Study
SAIC Transportation Consulting Division
September 1996 **DRAFT**

This study examines freight transportation in the I-80 corridor from Chicago to New York City by mode and commodity. The study details commodity flow volumes by origin and destination and identifies the type of equipment used in the traffic lane in each corridor state.

Analysis of Freight Transportation Systems in the Interstate I-75 Corridor
Battelle
August 1997 **DRAFT**

This study investigates the impact of TS&W policy on freight movements along the I-75 corridor from the U.S./Canadian border at Detroit, Michigan to Miami, Florida. The report provides information on the primary commodities moved, shipper decision making, modal competition, and rail/truck capacity.

SECTION II: VOLUME III MODELS

BRIDGE

Bridge Formula Comparison Model: Documentation of Program
Gedeon Picher
MaineSurf

Bridge Impact Analysis Working Files and Documentation
Directions and Notes; Study Configurations; Analysis Results; BASIC Computer Program Documentation; Mainbeam Program Documentation;
Gedeon Picher
MaineSurf

ENERGY AND ENVIRONMENT

1997 Federal Highway Cost Allocation Study, Appendix B and Appendix E
U.S. Department of Transportation
August 1997

FREIGHT DIVERSION

The DOT Intermodal Transportation and Inventory Cost Model Documentation
Federal Highway Administration, Office of Transportation Studies
March 1999

Induced Demand for Truck Services from Relaxed Truck Size and Weight Restrictions
Don Pickrell and Douglass Lee, Volpe National Transportation Systems Center
October 1998 **DRAFT**

Analysis of Truck Costs Under Varying Sizes & Weights, Summary of Costs in 12 Corridors
Reebie Associates
July 22, 1998

PAVEMENT

1997 Federal Highway Cost Allocation Study, Appendix F and Appendix L
U.S. Department of Transportation
August 1997

RAIL

Induced Demand for Truck Services from Relaxed Truck Size and Weight Restrictions
Don Pickrell and Douglass Lee, Volpe National Transportation Systems Center
October 1998 **DRAFT**

"Logistics Analysis for Carriers and Shippers," One-Week Seminar
Executive Program in Transportation, Center for Transportation Studies
Massachusetts Institute of Technology
July 22-26, 1996

ROADWAY GEOMETRY

1997 Federal Highway Cost Allocation Study, Appendix I and Appendix K
U.S. Department of Transportation
August 1997

Evaluation of Limitations in Roadway Geometry and Impacts on Traffic Operations for Proposed Changes in Truck Size and Weight Policy
Pennsylvania State University
June 5, 1997 **DRAFT**

SAFETY

Vehicle Stability and Control Research for U.S. Comprehensive Truck Size and Weight (TS&W) Study
Philip W.Blow, Federal Highway Administration
John H. Woodroofe and Peter Sweatman, Roaduser Research International
SAE Technical Paper Series #982819
November 1998

Safety consideration Associated with Truck Size and Weights Policy Deliberations
Robert M. Clarke, U.S. Department of Transportation
SAE Technical Paper Series #982818
November 1998

Two Active Systems for Enhancing Dynamic Stability in Heavy Truck Operations
UMTRI #DTNH22-95-H-07002
July 1998

"Heavy Truck Size and Weight and Safety"
Robert M. Clarke and George F. Wiggers
U.S. Department of Transportation
November 3, 1997 **DRAFT**

MEMORANDUM from Ralph Craft and Scott Valentine, OMC-FHWA to Bob Clarke, OST
Subject: Large Truck Crash Rates: East versus West
October 16, 1997

1997 Federal Highway Cost Allocation Study, Appendix E
U.S. Department of Transportation
August 1997

Replacement Vehicle GVW Options
Roaduser Research International Report 97-324-B2
March 14, 1997

Development of Robust Performance Measures
Roaduser Research International Report 97-324-B2
March 14, 1997

Appendix A–Frequency Distributions of Performance Attributes
Roaduser Research International Report 97-333-1A
March 7, 1997 **DRAFT 01**

Appendix B–Performance Attribute Box Plots
Roaduser Research International Report 97-333-1B
March 7, 1997 **DRAFT 01**

Stress and Fatigue Effects of Driving Longer-Combination Vehicles
Final Report #DTNH22-92-D-07001
Battelle
February 1997

Dynamic Performance of Various Truck Configurations: Base Report
PF Sweatman, JHF Woodrooffe, S.McFarlane, P.Dovile, M.Dunbabin, D.Swenson
Roaduser Research International Report 96-305-01
November 1996

Appendix A-Straight Trucks
Roaduser Research International Report 96-305-01-A
November 21, 1996

Appendix B-Semitrailers I
Roaduser Research International Report 96-305-01-B-I
November 21, 1996

Appendix B-Semitrailers II
Roaduser Research International Report 96-305-01-B-II
November 21, 1996

Appendix C-Truck-Trailers
Roaduser Research International Report 96-305-01-C
November 21, 1996

Appendix D-Short Doubles & Triples
Roaduser Research International Report 96-305-01-D
November 21, 1996

Appendix E-Western, Rocky Mtn & Turnpike Doubles
Roaduser Research International Report 96-305-01-E
November 21, 1996

Appendix F-B-Train Dobules
Roaduser Research International Report 96-305-01-F
November 21, 1996

"The Integration of Larger Combination Vehicles into the Existing Infrastructure Using Heavy Vehicle Simulation"
Scott McFarlane, Roaduser Research International
May 1996

"Dynamic Performance of Various Truck Configurations Task 2: Tractor-Trailer Performance"
PF Sweatman, JHF Woodrooffe, S. McFarlane, P.Dovile,
Roaduser Research International Report 95-213-01
February 16, 1996 **DRAFT**

SAFETY, Cont'd

"U.S. Heavy Vehicle Size and Weight Policy: Is a Performance-Based Approach in our Future ?"
Robert M. Clarke, U.S. Department of Transportation
June 28, 1995

"Final Economic Assessment, Final Rules, FMVSS Nos. 105 and 121, Stability and Control During Braking Requirements and Reinstatement of Stopping Distance Requirements for Medium and Heavy Vehicles," NHTSA Docket 92-29-NO5-002
U.S. Department of Transportation
February 1995

Turner Truck Handling and Stability Properties Affecting Safety
Paul Fancher, Arvind Mathew, Kenneth Campbell, Daniel Blower, Christopher Winkler
UMTRI Report #89-11, July 1989

Analysis of Accident Rates of Heavy-Duty Vehicles
Kenneth L. Campbell, Daniel F. Blower, R.Guy Gattis, Arthur C. Wolfe
UMTRI Report #88-17, April 1988

SHIPPER COSTS

Induced Demand for Truck Services from Relaxed Truck Size and Weight Restrictions
Don Pickrell and Douglass Lee, Volpe National Transportation Systems Center
October 1998 **DRAFT**

TRAFFIC OPERATIONS

1997 Federal Highway Cost Allocation Study, Appendix I
U.S. Department of Transportation
August 1997

Evaluation of Limitations in Roadway Geometry and Impacts on Traffic Operations for Proposed Changes in Truck Size and Weight Policy
Pennsylvania State University
June 5, 1997 **DRAFT**

SECTION III: VOLUME III MODEL RESULTS

BASE CASE SCENARIO

"Scenario Analysis Results: Base Case 1994--Base Case 2000 VMT Scenario"
Battelle
July 22, 1998

"Scenario Analysis Output: Base Case 1994--Base Case 2000 VMT Scenario"
Battelle
July 22, 1998

UNIFORMITY SCENARIO

"Scenario Analysis Results: Uniformity–Interstate System Scenario"
Battelle
April 9, 1998

"Scenario Analysis Output: Uniformity–Interstate System Scenario"
Battelle
April 9, 1998

NORTH AMERICAN TRADE SCENARIOS

"Scenario Analysis Results: North American Trade–44,000-Pound Tridem-Axle Scenario"
Battelle
August 5, 1998

"Scenario Analysis Output: North American Trade–44,000-Pound Tridem-Axle Scenario"
Battelle
August 5, 1998

"Scenario Analysis Results: North American Trade–51,000-Pound Tridem-Axle Scenario"
Battelle
August 5, 1998

"Scenario Analysis Output: North American Trade–51,000-Pound Tridem-Axle Scenario"
Battelle
August 5, 1998

LCVs Nationwide Scenario

"Scenario Analysis Results: LCV Nationwide Scenario"
Battelle
August 18, 1998

"Scenario Analysis Output: LCV Nationwide Scenario"
Battelle
August 18, 1998

H.R. 551 Scenario

"Scenario Analysis Results: H.R.551 Scenario"
Battelle
March 31, 1998

"Scenario Analysis Output: H.R.551 Scenario"
Battelle
March 31, 1998

Triples Nationwide Scenario

"Scenario Analysis Results: Triples Nationwide Scenario"
Battelle
May 14, 1998

"Scenario Analysis Output: Triples Nationwide Scenario"
Battelle
May 14, 1998

Section IV: General Sources

Subject Area	Document Title	Author or Source	Date
Bridge			
	Vehicle /Bridge Interaction for Medium Span Bridges - Research Element 6 of the OECD IR6 DIVINE Project.	S.Barella and R.Cantieni, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Site-Specific Truck Load Study.	S.Kim, A.S.Nowak and A.F.Sokolik, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Calibration of a Mathematical Vehicle Dynamic Model.	W.Kenis and J.Hammouda, at Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Short-Span Bridge Friendly Suspensions - Research Element 6 of the OECD DIVINE Project.	R.J.Heywood, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	A Study of the Aligning Forces Generated From a Tridem Drive Axle Group.	E.J.Amlin, P.R.Klawer and D.V.Hart, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Study of an Active Suspension for Improved Ride Quality and Reduced Dynamic Wheel Loads.	F.Oueslati, S.Rakheja and S.Sankar, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Dynamic Effect of Truck Loads on Girder Bridges.	H.H.Nassif and A.S.Nowak, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Impacts of Increased Goods Vehicle Weight Limits - A European Case Study.	B.A.Frith, C.G.Mitchell and W.H.Newton, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995

Subject Area	Document Title	Author or Source	Date
Bridge			
	Replication of Heavy Truck Dynamic Wheel Loads Using a Road Simulator.	T.Moran, M.Sullivan, D.Menuir and J.Mahoney, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Fatigue Load Spectra for Bridges.	J.A.Laman and A.S.Nowak, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Effects of Overloaded Heavy Vehicles on Pavement and Bridge Design In Taiwan.	C.Chou, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Bridge Analysis Study Military Traffic Management Command. (Statement of Work).	US Army, Military Traffic Management Command	1994
	Structural Safety & Reliability.	G.I.Schueller, M.Shinozuka and J.T.P.Yao, eds., Conference on Structural Safety and Reliability, August 9-13, 1993	1994
	Distribution of the Fatigue Life of Prestressed Concrete Bridges.	M.A.Khaleel and R.Y.Itani, in Conference on Structural Safety & Reliability, pp. 961-964	1994
	Policy Issues of an Iowa Longer Combination Vehicle Network.	T.Maze, C.Walter and A.Smadi, Midwest Transportation Center, Iowa State University	November 1994
	Introduction to Advanced Vehicle Suspension Design	E.Von Glasner, R.Povel and P.Schutzner, Third Engineering Foundation Conference on Vehicle-Road and Vehicle-Bridge Interaction	June 1994

Subject Area	Document Title	Author or Source	Date
Bridge			
	Assessing the Impact on Montana's Highways of Adopting Canadian Truck Weight and Size Limits.	J.E.Stephens, University of Montana for Montana DOT	May 1994
	Incremental Analysis of Bridge Construction Costs for a Sample of Typical Bridges.	Transtec, U.S.DOT, Federal Highway Administration	1993
	Safety Evaluation of Existing Partially Prestressed Concrete Girder Bridges.	M.A.Khaleel and R.Y.Itani, in Computers & Structures, Vol.48, No.5, pp. 763-771	1993
	Effect of Alternative Truck Configurations and Weights on the Fatigue Life of Bridge.	M.A.Khaleel and R.Y.Itani, in Transportation Research Record 1393, pp. 112-118	1993
	Impacts of the Extended Weight Coal Haul Road System.	Kentucky Transportation Cabinet, Report No. FHWA/KY-93-151	1993
	"Impacts of Heavy Trucks on Bridge Investment."	TransTec, Inc., Task B Revised Report/Incremental Analysis of Bridge Construction Costs for a Sample of Typical Bridges	September 3, 1993
	"Synthesis of the Impacts of Truck Size and Weight on the Transportation System and the Economy."	Report of the Subcommittee on Truck Size and Weight of the AASHTO Joint Committee on Domestic Freight Policy (Attachment E).	July 2, 1993
	Overweight Permit Rules Based on Bridge Stresses.	Texas A&M, Report #FHWA/TX-1266	March 1993
	Truck Weight Effects on Bridge Costs.	Fred Moses, for Ohio DOT, Report #FHWA/OH-93/001	July 1992

Subject Area	Document Title	Author or Source	Date
Bridge			
	Multi-span Highway Bridge Dynamic Test and Its Dynamic Response Calculation.	J.Slastan and J.Melcer, in Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 146-151	June 28-July 2, 1992
	Lorry Transport: British Experience.	D.J.Lyness, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 3-11	June 28-July 2, 1992
	Vehicle Weights and Dimensions: European Community Perspective.	J.Berry, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 305-308	June 28-July 2, 1992
	The South African Heavy Vehicle Load Limit Study.	H.P.VanTonder, J.P.Hasluck and D.J.Wium, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 413-417	June 28-July 2, 1992
	Stress Spectra of Steel Highway Bridges Under Traffic Loads.	L.Fryba, in Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 152-155	June 28-July 2, 1992
	Dynamic Tests on Two Highway Bridges.	M.F.Green and D.Cebon, in Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 138-145	June 28-July 2, 1992
	Local Load Effects on Road Bridges.	M.Prat and B.Jacob, in Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 156-163	June 28-July 2, 1992
	Investigation of Vehicle/Bridge Interaction for Highway Bridges.	R.Cantieni, in Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 130-137	June 28-July 2, 1992
	A Perturbational Testing Method (PTM).	F.Gyokos, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 164-170	June 28-July 2, 1992

Subject Area	Document Title	Author or Source	Date
Bridge			
	Turner Truck Impact on Bridges.	Washington State University, Report #FHWA/WASH 293	March 1992
	Bridge Overstress Criteria (Final Report).	Michael Goshn, Charles G. Schilling, Fred Moses and Gary Runco for U.S.DOT, FHWA Report #FHWA-RD-92-082	March 1992
	The Effect of Increased Truck Weights Upon Illinois Highway Bridges.	J.Mohammadi, S.A.Guralnick and R.Polepeddim, Illinois Universities Transportation Research Consortium, Report No. FHWA/IHR-316, Illinois DOT Report #FHWA/IL/RC-013	September 1991
	Impact of Various Truck Size and Weight Scenarios on the Nation's Bridges.	Bridge Division, Office of Engineering, FHWA	May 15, 1991
	The Impact of Turnpike Doubles and Triple 28s on the Rural Interstate Bridge Network.	J.Weissmann and R.Harrison, Transportation Research Board Annual Meeting	January 1991
	Truck Weight Limits: Issues and Options.	Transportation Research Board Special Report 225	1990
	New Trucks for Greater Productivity and Less Road Wear: An Evaluation of the Turner Proposal.	Transportation Research Board Special Report 227	1990
	Computer Simulation of Load Equivalence Factors.	W.J.Kenis and C.M.Cobb, in Transportation Research Record 1286, pp. 192-205	1990
	Pavement and Bridge Impacts of Longer Combination Vehicles.	Arlee Reno for Trucking Research Institute	June 30, 1990

Subject Area	Document Title	Author or Source	Date
Bridge			
	Axle Load Shifts During Truck Braking and Their Implications for Bridge and Pavement Design.	B.Hutchinson, L.Rilett, R.Green and R.Haas in Canadian Journal of Civil Engineering, Vol.16, pp.113-118	1989
	The Status of the Nation's Highways and Bridges: Conditions and Performance and Highway Bridge Replacement and Rehabilitation Program.	US DOT, Federal Highway Administration	1989
	Effects on Bridges of Alternative Truck Configurations and Weights.	F.Moses, National Cooperative Highway Research Program Project #HR 2-16(b)	September 30, 1989
	High Priority National Program Area Overview.	W.Kenis, in Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 1	June 1989
	Axle Group Spacing: Influence on Infrastructure Damage.	J.J.Hajek and A.C.Agarwal, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 1	June 1989
	Impact of Heavy Vehicles on Saskatchewan's Low Strength Roads.	R.Barton, B.Churko, E.Hopkin and E.Wilson, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 1	June 1989
	Characteristics of Radial Ply Tires and Their Interaction with Road Structures.	J.Bolegoh, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 1	June 1989
	The Transportation Research Board's "Turner Proposal" Study.	J.R.Morris, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 2	June 1989

Subject Area	Document Title	Author or Source	Date
Bridge			
	"Effects on Bridges of Alternative Truck Configurations and Weights (Second Interim Report)."	Fred Moses for Transportation Research Board Special Report 225	May 31, 1989
	Impact of Heavy Trucks on Delaware Highways.	R.Nicholls, Delaware Transportation Center, University of Delaware Report #DTC-88-01	November 1988
	Highway Management Considerations, Volume 4.	Western Highway Institute, Oklahoma Trucking Industry Self-Funded Research & Development Program	July 1988
	Effects of Repeated Heavy Loads on Highway Bridges.	R.W.James, R.A.Zimmerman and J.H.Loper, Texas Transportation Institute Report #462-1F	July 1988
	Final Report to the Governor and Legislature from the Permanent Advisory Committee on Truck Weights.	Permanent Advisory Committee on Truck Weights, NY State DOT	April 14, 1988
	"The Wyoming Weight Study: Increasing the Gross Vehicle Weights on Wyoming Highways."	Highway Planning Branch, Wyoming State Highway Dept.	January 1988
	Effect of Truck Weights on Deterioration, Operations and Design of Bridges and Pavements (Final Report).	Byrd, Tallamy, MacDonald and Lewis, Consulting Engineers for NY DOT, Engineering R&D Bureau	November 1987
	Effects of Overloads on Deterioration of Concrete Bridges.	James, Zimmerman and McCreary, Transportation Research Board Annual Meeting	January 1987

Subject Area	Document Title	Author or Source	Date
Bridge			
	TRB's Study of Twin-Trailer Trucks.	R.E.Skinner, J.Morris and S.Godwin, Symposium on Geometric Design for Larger Trucks, Transportation Research Record 1052, pp. 128-136	1986
	"Changing Demands on North Dakota's Road and Bridge Network."	D.Zink, Transportation Needs Assessment Study (HCR3069) by UGPTI	November 1986
	Cost Allocation for Heavy Trucks: A Pavement & Bridge Evaluation.	Clyde E. Williams & Associates, Inc., for Indiana Dept of Highways	August 1986
	Proposed New Truck Weight Limit Formula.	James, Noel, Furr and Bonilla, in Journal of Structural Engineering, Vol. 112, No.7	July 1986
	The United States Bridge Formula.	C.S.Napier, Jr. and J.P.Eicher, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 225-230	June 8-13, 1986
	Road and Structure Protection Through Weight Control - Economic and Engineering Issues.	S.C.Radbone, W.A.Phang and R.A.Dorton, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 241-250	June 8-13, 1986
	Bridge Formula Development.	James, Noel, Furr and Bonilla, U.S.DOT, FHWA Report #FHWA-RD-85-088	1985
	Should Larger and Heavier Trucks Be Allowed on Australian Roads?	K.W.Dobinson and P.S.Prince, in Transport '85, Sydney, Australia, National Conference Publications	July 17-19, 1985

Subject Area	Document Title	Author or Source	Date
Bridge			
	The Influence of Heavy Trucks on the Overload and Allocation of User Costs on Bridge Structures.	D.R.Schelling, for AAA Foundation for Traffic Safety	March 1985
	"Impact Analysis of Truck Length and Width Increase on Virginia Roads."	Virginia Dept. of Highways and Transportation	January 17, 1985
	"Interstate XX Demonstration Evaluation Report."	South Dakota DOT, Division of Planning, Office of Transportation Planning and Programs	April 1984
	An Investigation of Truck Size and Weight Limits: Pavement and Bridge Impact Analysis Methodology (Technical Supplement volume 6).	Harry S. Cohen and Joseph H. Sinnott for U.S.DOT Office of the Secretary, Report #DOT-P-30-82-17	September 30, 1982
	Excessive Truck Weight: An Expensive Burden We Can No Longer Support	General Accounting Office Report #CED-79-94	July 16, 1979
	Bridge Fatigue Guide.	J.W.Fisher, American Institute of Steel Construction	1977
	Changes in Legal Vehicle Weights and Dimensions. Some Economic Effects on Highways.	R.E.Whiteside, Y.C.Ting, J.C.Cosby, R.L.Whitaker and R.Winfrey, National Cooperative Highway Research Program Report #141	1973
	Dynamic Behavior of Cantilever Bridges Under Moving Loads.	R.K.L.Wen, Michigan State University, Division of Engineering Research	July 14, 1960

Subject Area	Document Title	Author or Source	Date
Cost Allocation			
	Subsidies and External Costs in U.S. Surface Freight Transportation.	J.R.Morris, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Estimating Australia's Heavy Vehicle Road Wear Cost Responsibilities (Load Related Road Wear).	T.C.Martin, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Highway User Fees: Updated Data Needed to Determine Whether All Users Pay Their Fair Share.	US General Accounting Office, Report #GAO/RCED-94-181	June 1994
	Highway Cost Allocation Study: Documentation of Computer Program Package.	Sydec, Inc. for Idaho DOT	February 1994
	1992 Motor Vehicle Cost Responsibility Study: Final Report and Technical Appendium.	Transportation Development Branch, Oregon DOT	July 1993
	Highway Cost Allocation Study.	Sydec, Inc., Cambridge Systematics, Inc., and R.D.Mingo & Associates	January 1993
	Cost Allocation Study for the Montana State Highway System.	J.E.Stephens, T.Barth and W.Cloud for Montana DOT	July 1992
	Review of Highway Cost Allocation Methodologies.	J.A.Deacon, J.G.Pigman and N.Stamatiadis, Kentucky Transportation Center, University of Kentucky, Report #KTC-92-6	June 1992
	Update of the 1986 Motor Vehicle Cost Responsibility Study.	Oregon DOT	May 1991

Subject Area	Document Title	Author or Source	Date
Cost Allocation			
	Truck Size and Weight and User Fee Policy Analysis Study: Productivity Effects on Policy Options (Final Report: Part One).	Sydec, Inc. with Jack Faucett Associates and Transportation Consulting Group, Inc. for U.S.DOT, Federal Highway Administration	March 1991
	Truck Size and Weight and User Fee Policy Analysis Study (Final Report: Part Two).	Sydec, Inc. with Jack Faucett Associates and Transportation Consulting Group, Inc. for U.S.DOT, Federal Highway Administration	June 11, 1990
	"Big Trucks Getting A Free Ride: Enact a National Weight-Distance Tax and Say "No" to Bigger Trucks!"	National Association of Railroad Passengers	April 1990
	Vehicle Cost Responsibility Study: Methodology Report.	Virginia DOT	February 1990
	Task Force on Motor Carrier Taxation.	Planning Section, Highway Division, Oregon DOT	July 1989
	Relevance of HDM3 Road User Cost Model to Canadian Heavy Vehicles.	P.Bein, J.Cox, M.Clark and N.D.Lea, in Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 2	June 1989
	Heavy Vehicle Cost Responsibility Study	Report of the Secretary of Transportation to the US Congress	November 1988
	Motor Vehicle Cost Responsibility Study 1986.	Planning Section, Highway Division, Oregon DOT	August 1988
	Highway User Charges: Administrative Costs Compliance Costs Non-Compliance and Enforcement User Equity Public Finance Considerations and Impacts on the State Economy.	Peat Marwick, Main & Co., for California Highway Cost Allocation and Tax Alternatives Study	December 1987

Subject Area	Document Title	Author or Source	Date
Cost Allocation			
	Highway Cost Allocation Study: Final Report.	Sydec, Inc.	July 1987
	Cost Allocation for Heavy Trucks: A Pavement & Bridge Evaluation.	Clyde E. Williams & Associates, Inc., for Indiana Dept of Highways	August 1986
	Heavy Truck Subsidies: Need for a National Weight-Distance Tax.	H.Parcells, Environmental Policy Institute	September 1983
	Final Report on the Federal Highway Cost Allocation Study.	Report of the Secretary of Transportation to the US Congress	May 1982
Energy Conservation			
	Relationship Between Road Track Cost and Heavy Vehicle Fuel Consumption.	J.I.Ghojel and H.C.Watson, at Fourth International Symposium on Vehicle Weights and Dimensions	June 25-29, 1995
	Infrastructure Decisions in Relationship to Energy Consideration.	R.Strammer, Third Engineering Foundation Conference on Vehicle-Road and Vehicle-Bridge Interaction	June 1994
	California Federal Implementation Plan (FIP) - Excerpts of Proposed Rule.	Federal Register, Volume 59, Number 86	May 5, 1994
	Speed Determination Models for the Highway Performance Monitoring System: Final Report.	R.Margiotta,H.Cohen, R.Morris, G.E.Nichols, M.Venigalla and A.Rathi, U.S.DOT, FHWA Contract DGFH61-92-R-00022	October 31, 1993
	Expert System for Highway Energy Analysis.	Caltrans, Report #FHWA/CA-E90TL25	October 1993

Subject Area	Document Title	Author or Source	Date
Energy Conservation			
	Determination of Heavy-Duty Vehicle Energy Consumption by a Chassis Dynamometer.	W.Wang, G.Palmer, R.Bata, N.Clark, M.Gautam and D.Lyons, SAE Technical Paper Series Report #922435	November 16-19, 1992
	Facts and Figures on Environmental Effects of Freight Transport in the Netherlands	T.J.H.Schoemaker and P.A.Bouman, Dept of Transportation Planning and Highway Engineering	1991
	The Feeding Habits of Diesel Engines: A Review of Alternate Fuels for the Fleet Operator.	C.W.Ferrone, SAE Technical Paper Series Report #912666	November 18-21, 1991
	Analysis of Heavy Duty Truck Fuel Efficiency to 2001.	Energy & Environmental Analysis, Inc. for Transportation Policy Division of Energy, Mines and Resources Canada	September 1991
	Trucks and Energy Use: A Review of the Literature and the Data in Canada.	Fred Nix for Ontario Trucking Association	August 1991
	Rail versus Truck Fuel Efficiency: The Relative Fuel Efficiency of Truck Competitive Rail Freight and Truck Operations Compared in a Range of Corridors.	Abacus Technology Corporation, U.S.DOT, Federal Railroad Administration, Report #DOT-FRA-RRP-91-02	April 1991
	Next Step For Diesels.	J.Dickson-Simpson, in Transport Engineer, pp.14-18	1990
	Effects of Alternative Fuels on the U.S. Trucking Industry.	B.Ritchey, W.Sheppard, M.Murphy, D.Russell, J.Francis, A.Turanski, J.Hoess and R.Schmelz for ATA Foundation, Trucking Research Institute	November 1990
	"Factors Affecting Truck Fuel Economy."	P.Yap, Goodyear Tire & Rubber Company #862-932-513	May 1987

Subject Area	Document Title	Author or Source	Date
Energy Conservation			
	Potential Fuel Savings of General-Freight Carriers Operating Under Bridge Formula B Gross Vehicle Weight Limits.	In Freight Transport and The Environment, Transportation Research Record 870	1983
	Limited Truck Train: A Concept for Energy Conservation and Truck Productivity.	In Freight Transport and The Environment, Transportation Research Record 870	1983
	A Decrease in Energy Use by Logistics: A Realistic Opportunity.	P.T.Tanja, in Freight Transport and the Environment, Transportation Research Record 870, pp. 151-165	1983
	Energy Issues in Transportation.	Freight Transport and the Environment, Transportation Research Record 870	1983
	"Improved Truck Size and Weight Limits: Their Contribution To Conserving Energy Over the Period 1975 - 1980."	American Trucking Associations, Inc.	1981
	"Potential For Conserving Fuel Through Modern Truck Size and Weight Regulations."	American Trucking Associations, Inc.	1981
	An Environmental Assessment of Increased Truck Sizes and Weights.	J.R. Barr, American Trucking Associations Inc. Report #TSW-81-14	1981
	Emissions and Fuel Consumption as Functions of Vehicle Speed and Acceleration.	C.Simeonidis, Master's Thesis, the University of Texas at Austin	December 1981

Subject Area	Document Title	Author or Source	Date
Energy Conservation			
	An Investigation of Truck Size and Weight Limits, Technical Supplement Volume 3: Truck and Rail Fuel Effects of Truck Size and Weight Limits.	D.A.Knapton for U.S.DOT Transportation Systems Center	July 1981
	Potential Fuel Conservation from Regulatory Reform of the Trucking Industry.	Charles River Associates Inc., U.S.DOT, Office of the Secretary, Report #DOT-P-50-81-92	July 1980
	The Effect of Economic Regulation on Fuel-Use Efficiency in Private Trucking Operations.	Policy and Management Associates Inc., U.S.DOT, Office of the Secretary, Report #DOT-P50-80-37	April 1980
	"Freight Transportation Petroleum Conservation Opportunities - Viability Evaluation."	U.S. DOT	March 1979
	"Fuel Consumption of Tractor-Trailer Trucks As Affected By Speed Limit and Payload Weight."	U.S. DOT	November 1975
Enforcement			
	On-Site WIM System Calibration: An Overview of NCHRP Study 3-39(2).	T.Papagiannakis and K.Senn, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	A System For Monitoring Overloaded Vehicles.	P.A.Nordengen, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995

Subject Area	Document Title	Author or Source	Date
Enforcement			
	Australian High Speed Weigh-In-Motion: An Overview.	C.Koniditisiotis, R.Buckmaster and P.Fraser, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Implementation of Vehicle Weight and Dimension Regulations.	J.R.Billing, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Controlled Substance and Alcohol Use Testing for Commercial Driver's License.	S.Catron, Proceedings of the 81st Annual Road School, p. 83	February 28-March 2, 1995
	Evaluating Pavement Impacts of Truck Weight Limits and Enforcement Levels.	E.S.K. Fekpe, A.M.Clayton and R.C.Haas, 74th Transportation Research Board Annual Meeting	January 1995
	Quantitative Assessment of Effect of Enforcement Intensity on Violation Rates of Vehicle Weight and Dimension Regulations.	A.Clayton and E.Fekpe in Transportation Planning and Technology, Vol.18, No.2, pp.143-153	1994
	Review Comments on TS&W Working Paper 10.	T.M.Corsi	November 9, 1994
	Estimating Pavement Loading in Terms of Weight Limit and Enforcement Intensity.	A.Clayton and E.Fekpe in Proceedings of CSCE Annual Conference, Vol.1, pp.639-648	June 1994
	Weigh Station Evasion by Trucks.	Florida DOT	June 1994
	Aspects of Performance of Truck Weight Stations.	E.S.K.Fekpe, A.M.Clayton and A.S.Alfa in Canadian Journal of Civil Engineering, Vol.20, No.3	1993

Subject Area	Document Title	Author or Source	Date
Enforcement			
	Development of an Integrated System For Evaluation of Oregon's Truck Data, Phase 1: Database Development and Preliminary Evaluation of Data.	C.A.Bell, S.U.Randhawa, Paul Ryus and Zhongkai Xu, Transportation Northwest	August 1993
	Overweight Vehicles - Penalties and Permits: An Inventory of State Practices for Fiscal Year 1991.	Federal Highway Administration	April 1993
	Development of Regulatory Principles for Straight Trucks and Truck-trailer Combinations.	J.R.Billing and C.P.Lam, in Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 36-44	1992
	Optimisation of HGV Weight - An Enforcement Policy.	D.S.Wright, in Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 409-412	1992
	Weight Regulations, Overweight Vehicle Policy and Enforcement Procedures in New Zealand.	L.Sleath and J.Edgar, in Heavy Vehicles and Roads: Technology,Safety and Policy, pp. 434-438	1992
	The Avoidance of Weight Stations in Virginia by Overweight Trucks.	B.H.Cottrell Jr., VA DOT, Virginia Transportation Research Council, Report #FHWA/VA-93-R2	October 1992
	Radical Change to the Vehicle Regulatory Framework in Australia.	R.A.Pearson, in Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 12-15	June 28-July 2, 1992
	Improving the Accuracy of Weigh-in-Motion Systems.	I.A.Barbour and W.H.Newton, in Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 381-386	June 28-July 2, 1992

Subject Area	Document Title	Author or Source	Date
Enforcement			
	National Research and Development Project on WIM.	B.Jacob, in Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 367-370	June 28-July 2, 1992
	Enforcement and Overweight Trucking.	A.Clayton, F.Nix and E.Fekpe, for Canadian Transportation Research Forum	June 9-12, 1992
	Evaluation of Weigh-In-Motion Systems.	B.H.Cottrell, Jr., Va DOT, Virginia Transportation Research Council, Report #FHWA/VA-92-R8	March 1992
	Weigh Stations Bypassing: Causative Factors and Enforcement Costs.	Kentucky Transportation Cabinet, Report #FHWA/FY-91-136	1991
	Evaluation of Out-of-Service Criteria.	Jack Faucett Associates, U.S.DOT, Federal Highway Administration	April 1991
	Fuel Consumption and System Costs Related to Longer Combination Vehicle Operation on the Interstate Network.	E.D.Moody, Center for Transportation Research, University of Texas at Austin	April 22, 1991
	Fee Schedule for Overweight Vehicles in Montana.	J.E.Stephens and K.H.Hafferman for Montana DOT	February 1991
	Truck Safety: Need to Better Ensure Correction of Serious Inspection Violations.	US General Accounting Office, Report #GAO/RCED-90-202	September 1990
	Use of Weight-in-Motion Collected Data in Planning, Pavement Design, and Weight Enforcement.	G.Grundmanis, Task 4-Truck Avoidance of Enforcement Scales: Field Results from a Combined Enforcement/Planning Perspective, WISDOT, Report #WI-01-89	1989

Subject Area	Document Title	Author or Source	Date
Enforcement			
	Enhancement to Florida Truck Weighing Program.	C.A.Wright and W.D.Cunagin, Florida DOT Report # FL/DOT/SMO/373-89	July 20, 1989
	On Board Truck Weigh Scales.	M.Clark and E.Phillips, Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 2	June 1989
	Alberta's Weight Enforcement Program and Its Impact on Pavement Costs.	C.Thygesen, et.al. In Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol.2	June 1989
	Development of Regulatory Principles for Multi-Axle Semitrailers.	J.R.Billing and C.P.Lam, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 2	June 18-22, 1989
	Analysis of Port Import/Export Reporting Service (Piers) Data to Reveal Potentially Overweight Container Movements On America's Highways.	Transportation Studies Division, Federal Highway Administration	March 20, 1989
	Port of Entry: Weigh-in-Motion Feasibility Study.	Castle Rock Consultants, for Arizona DOT	March 1989
	Overweight Vehicles - Penalties and Permits: An Inventory of State Practices for Fiscal Year 1987.	US DOT, FHWA, Report #FHWA-MC-89-050	January 1989
	Feasibility of a National Heavy Vehicle Monitoring System.	L.R.Grenzeback, J.R.Stowers and A.B.Boghani, NCHRP Report 303	1988
	Economic Factors of Developing Fine Structures for Overweight Vehicles in Texas.	M.A.Euritt, in Transportation Research Record 116	1987

Subject Area	Document Title	Author or Source	Date
Enforcement			
	Highway User Charges: Administrative Costs Compliance Costs Non-Compliance and Enforcement User Equity Public Finance Considerations and Impacts on the State Economy.	Peat Marwick, Main & Co., California Highway Cost Allocation and Tax Alternatives Study	December 1987
	Effects of Weight and Dimension Regulations: Evidence from Canada.	A.Clayton and F. Nix,, in Transportation Research Record 1061	1986
	Assessing the Impact of Weight and Dimension Regulations: Methodological Considerations.	F.P.Nix and A.M.Clayton, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 429-444	June 8-13, 1986
	A High Performance WIM System by Piezo-Electric Cables and Its Applications.	B.Jacob and M.Sieffert, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 161-168	June 8-13, 1986
	Design Guidelines for Developing Truck Inspection Stations.	A.T.Bergan and B.D.Pidwerbesky, in Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 255-268	June 8-13, 1986
	California and Their HELP Project.	J.VanBerkel, Jr., in Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 251-254	June 8-13, 1986
	Overweight Trucks - The Violation Adjudication Process.	US DOT, Federal Highway Administration	1985
	Truck Size and Weight Enforcement: A Case Study.	C.M.Walton and Chien-Pei Yu, in Trucking and Intermodal Freight Issues, Transportation Research Record 920	1983

Subject Area	Document Title	Author or Source	Date
Enforcement			
	Criteria For Evaluation of Truck Weight Enforcement Programs.	H.G.Downs, National Cooperative Highway Research Program Synthesis of Highway Practice 82.	November 1981
	Wyoming Highway Automated Regulation of Overweight Vehicles.	Puckett	
	Evaluation of Low Cost WIM Alternatives.	Texas Transportation Institute, Report No. 1140-1F	
Environment			
	Vehicle Noise Emission Source Height.	Florida Atlantic University, Report #FHWA/FL-709	Underway
	Streambank Protection.	J.D.Hall, in Proceedings of the 81st Annual Road School, pp. 81-82	Feb. 28-March 2, 1995
	Wetlands for Remediation of Stormwater Runoff.	R.P.Reaves, in Proceedings of the 81st Annual Road School, pp. 75-80	Feb. 28-March 2, 1995
	"21st Century Trucking."	American Trucking Association Foundation	1994
	"Noise Related Consequences of Increasing Truck Size."	C.Rodman, Battelle	October 1994
	Highway Planning: Agencies Are Attempting to Expedite Environmental Reviews, but Barriers Remain.	US General Accounting Office, Report #GAO/RCED-94-211	August 1994

Subject Area	Document Title	Author or Source	Date
Environment			
	Economic Impact of the U.S. Environmental Protection Agency's Federal Implementation Plan on the South Coast Air Basin, Appendices I,II,III: Comments on the California Federal Implementation Plan	First Interstate Economics, LA Chamber of Commerce	August 29, 1994
	"Approval and Promulgation of Federal Implementation Plans; California--Sacramento and Ventura Ozone; South Coast Ozone and Carbon Monoxide; Sacramento Ozone Area Reclassification"	40 CFR Parts 52 and 81; 59 Federal Register 23,264 EPA Docket No. A-94-09.	August 31, 1994
	"Approval and Promulgation of Federal Implementation Plans; California -- Sacramento and Ventura Ozone; South Coast Ozone and Carbon Monoxide, Sacramento Ozone Area Reclassification."	American Trucking Associations, Inc.	July 25, 1994
	Ecology vs. Economy.	P.McCullough, in Heavy Duty Trucking	May 1994
	"California Federal Implementation Plan (FIP) - Excerpts of Proposed Rule."	Federal Register, Volume 59, Number 86	May 5, 1994
	Roadside Tire/Pavement Noise Levels.	University of Washington, Report #FHWA/WA-301	March 1994
	Diesel Exhaust Emissions Prediction Under Transient Operating Conditions.	Z.Bazari, in Diesel Combustion Processes and Emission Control, SAE Paper #940666	February 1994

Subject Area	Document Title	Author or Source	Date
Environment			
	Emissions from Heavy-Duty Trucks Converted to Compressed National Gas.	S.Fritz and R.Egbuonu, SAE Technical Paper Series Report #932950	November 1-4, 1993
	Emissions Comparisons of Twenty-Six Heavy Duty Vehicles Operated on Conventional and Alternative Fuels.	W.Wang, M.Gautam, X.Sun, R.Bata, N.Clark, G.Palmer and D.Lyons, SAE Technical Paper Series Report #932952	November 1-4, 1993
	Transient Emissions from Two Natural Gas-Fueled Heavy-Duty Engines	C.A.Sharp, T.L.Ullman and K.R.Stamper, SAE Technical Paper Series Report #932819	October 18-21, 1993
	"Notice of Proposed Rulemaking: Clean Fuel Fleet Emissions Standards, Conversions, and General Provisions"	American Trucking Associations, Inc.	June 10, 1993
	Alternative Fuels Race Takes Shape.	J.Winsor, K.Stadden and A.Ryder in Heavy Duty Trucking	February 1993
	Perceptions of the Environmental Impacts of Heavy Vehicles.	G.Gurney, in Heavy Vehicles and Roads: Technology, Safety and Policy, pp.25-29	June 1992
	Update of N.J. Truck Noise Levels.	New Jersey DOT, Report #FHWA/NJ-7950	March 1992
	Freight Transport and The Environment.	M.Kroon, T.Smith and J.van Ham, eds., Elsevier Science Publishers B.V., Amsterdam, Netherlands	1991
	Measures for More Environment-Friendly Freight Traffic.	N.Goriben, in Freight Transport and the Environment, pp. 143-147	1991

Subject Area	Document Title	Author or Source	Date
Environment			
	A California and United States Perspective on the Impact of Air Quality Policies on Goods Movement by Heavy Duty Trucks.	J.D.Boyd, in Freight Transport and the Environment, pp. 81-89	1991
	Growth of Vehicle Power and Environmental Consequences.	J.Delsey, in Freight Transport and the Environment	1991
	Reducing Nuisances from Heavy Goods Vehicles.	J.Delsey, in Freight Transport and the Environment	1991
	Prospects for the Reduction of Noise From Heavy Duty Diesel Vehicles.	F.Filippi and I.Fiat, in Freight Transport and the Environment, pp.119-130	1991
	Truck Noise and Exhaust Emissions Control, Optimal Technology.	D.Broome, D.Morrison, Ricardo Consulting Engineers Ltd., in Freight Transport and the Environment, pp. 91-98	1991
	Facts and Figures on Environmental Effects of Freight Transport in the Netherlands	T.J.H.Schoemaker, P.A.Bouman, Dept.of Transportation Planning and Highway Engineering, Delft University of Technology, the Netherlands	1991
	Managing Traffic To Reduce Environmental Damage.	P.B.Goodwin, in Freight Transport and the Environment, pp. 103-127	1991
	Analysis of Heavy Duty Truck Fuel Efficiency to 2001.	Energy & Environmental Analysis, Inc. for Transportation Policy Division of Energy, Mines and Resources Canada	September 1991
	Coordinating Infrastructure Development with Environmental Management.	A.Schaeffer, The Hudson Institute: Intermodal Infrastructure Conference	June 13-14, 1991

Subject Area	Document Title	Author or Source	Date
Environment			
	Trucking and the Clean Air Act Amendments of 1990: Some Economic Implications.	S.J.Thompson, Congressional Research Service Report for Congress	February 1, 1991
	Environmental Impacts of a Modal Shift.	Ports and Waterways Division of Minnesota DOT	January 1991
	Exhaust Emissions from Heavy-Duty Vehicles.	Sypher Mueller International Inc. , IEA	November 1990
	Heavy-Duty Vehicle Emission Conversion Factors II: 1962 - 2000.	Environmental Protection Agency	October 1988
	A National Survey of Lorry Nuisance.	C.J.Baughan, B.Hedges and J.Field, in Transportation and Road Research Laboratory, Supplementary Report #774	1983
	An Environmental Assessment of Increased Truck Sizes and Weights.	J.R. Barr, American Trucking Associations Inc. Report #TSW-81-14	1981
	Lorries, People and the Environment.	Department of Transportation	December 1981
	Emissions and Fuel Consumption as Functions of Vehicle Speed and Acceleration.	C.Simeonidis, Master's Thesis, the University of Texas at Austin	December 1981
	An Inventory of Particulate Emissions from Open Sources.	J.S.Evans and D.W.Cooper, in Journal of the Air Pollution Control Association, Vol.30, No.12	December 1980
	Contribution of Mobile Sources to Ambient Particulate Concentrations in a Downtown Urban Area.	D.R.Lincoln and E.S.Ruben, in Journal of the Air Pollution Control Association, Vol.30, No.7	July 1980

Subject Area	Document Title	Author or Source	Date
Environment			
	Inquiry on Lorries, People and The Environment.	Memorandum by the Department of Environment	February 1980
	Motor Vehicle Noise.	B.H.Sharp and P.R.Donavan, Chapter 32 in The Handbook of Noise Control	1979
	The Handbook of Noise Control, 2nd Edition.	C.M.Harris, ed. , McGraw-Hill, NY	1979
	Regulation of New Products Noise Emissions.	D.R.Flynn, Chapter 41 in The Handbook of Noise Control	1979
	Regulatory Analysis and Environmental Impact of Final Emission Regulations For 1984 and Later Model Year Heavy Duty Engines.	US Environmental Protection Agency, Office of Mobile Source Air Pollution Control	December 1979
	Noise and Vibration Control.	P.A.Franken	
Geometric Design			
	Geometric Design and Operational Considerations For Trucks.	Institute of Transportation Engineers Informational Report by Technical Committee 5B-28, Publication No. IR-062	1992
	Traffic Engineering Handbook.	Institute of Traffic Engineers	1992
	"A Policy on Geometric Design of Highways and Streets."	American Association of State Highway and Transportation Officials.	1990
	Reducing Runaway Truck Accidents through Weight-Based Advisory Speeds.	M Firestine, H.McGee and D.Cunningham, U.S.DOT, FHWA Report #FHWA-IP-89-023	September 1989

Subject Area	Document Title	Author or Source	Date
Geometric Design			
	Designing the Highway System to Accommodate Very Large Trucks.	A.D.Cherwenuk, in Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 2	June 1989
	Heavy Truck Properties and Highway Design Criteria.	B.Hutchinson, in Journal of Transportation Engineering, ASCE	1988
	Geometric Design and Operational Effects.	Transportation Research Record 1122	1987
	Lane Distribution Factors for Design.	W.D.Cunagin, Texas Transportation Institute Report #476-2F	July 1987
	Existing Design Standards.	B.L.Smith, Symposium on Geometric Design for Larger Trucks, Transportation Research Record 1052, pp. 23-29	1986
	Use of the WHI Offtracking Formula.	K.L.Heald, Symposium on Geometric Design for Larger Trucks, Transportation Research Record 1052, pp. 45-53	1986
	Keeping Up with Big Trucks: Experiences in Washington State.	S.A.Moon, Symposium on Geometric Design for Larger Trucks, Transportation Research Record 1052, pp. 17-22	1986
	Longitudinal Barriers for Buses and Trucks.	T.J.Hirsch, in Symposium on Geometric Design of Large Trucks, Transportation Research Record 1502, pp. 95-101	1986
	Geometric Design for Large Trucks: An Overview of the Issues from the Perspective of the American Trucking Associations, Inc.	R.A.Lill, Symposium on Geometric Design for Larger Trucks, Transportation Research Record 1052, pp. 6-9	1986

Subject Area	Document Title	Author or Source	Date
Geometric Design			
	Influence of the Geometric Design of Highway Ramps on the Stability and Control of Heavy-Duty Trucks.	R.D.Ervin, C.C.MacAdam and M.Barnes, Symposium on Geometric Design for Larger Trucks, Transportation Research Record 1052, pp. 77-89	1986
Longer Combination Vehicles			
	An Operational Field Test of Long Combination Vehicles using ABS & C-Dollies	C.S. Walker, S.E. Bogard, M.A.Bonan, S.M.Gandalli, D.J.Lindquist U.S. DOT Report # HS808-352	November 1995
	The Economic Effects of the U.S. 1991 Size and Weight Freeze: Case Studies.	S.D.Nichols, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Geometric Considerations of Long Combination Vehicle Maneuvers On Roadway Intersections in Brazil.	M.R.Russo and J.A.Widmer, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Policy Issues of an Iowa Longer Combination Vehicle Network.	T.Maze, C.Walter and A.Smadi, Midwest Transportation Center, Iowa State University	November 1994
	GAO Report on LCVs Understates Costs.	L.Lee Lane, in Policy Reporter, Vol.1, No.7	October 12, 1994
	Longer Combination Trucks: Potential Infrastructure Impacts, Productivity Benefits, and Safety Concerns.	US General Accounting Office, Report #GAO/RCED-94-106	August 1994
	Estimating Pavement Damage From Longer And Heavier Combination Vehicles.	J.W.Stoner and M.A.Bhatti, Midwest Transportation Center, Iowa State University	June 1994

Subject Area	Document Title	Author or Source	Date
Longer Combination Vehicles			
	"Truck Size and Weight: Restrictions on Longer Combination Vehicles With Two or More Cargo-Carrying Units, Final Rule."	Federal Register	June 13, 1994
	Longer Combination Vehicles: Issues and User Attributes.	C.K. Walter, in Transportation Executive Update, A Publication of the Regular Common Carrier Conference	November 1993
	Longer Combination Trucks: Driver Controls and Equipment Inspection Should Be Improved.	US General Accounting Office, Report #GAO/RCED-94-21	November 1993
	Larger Dimensioned Vehicle Study (Final Report).	US DOT, Federal Highway Administration	September 1993
	"White Paper on the Feasibility of Longer Combination Vehicles."	M.Meyer, H.Cohen and P.Roberts, NCHRP Project 20-7, Task 50	July 17, 1992
	"Safety of LCV Operations: Available Data and a Suggested Evaluation Approach."	Federal Highway Administration	June 25, 1992
	Truck Safety - The Safety of Longer Combination Vehicles is Unknown.	US General Accounting Office, Report #GAO/RCED-92-66	March 1992

Subject Area	Document Title	Author or Source	Date
Longer Combination Vehicles			
	Fuel Consumption and System Costs Related to Longer Combination Vehicle Operation on the Interstate Network.	E.D.Moody, Center for Transportation Research, University of Texas at Austin	April 22, 1991
	A Critique of Recent Studies on Long Combination Vehicles.	Transmode Consultants Inc. for Trailer Train Company	November 1990
	Pavement and Bridge Impacts of Longer Combination Vehicles.	Arlee Reno for Trucking Research Institute	June 30, 1990
	Productivity and Consumer Benefits of Longer Combination Vehicles (Final Report and Executive Summary).	Sydec, Inc.and Jack Faucett Associates for Trucking Research Institute	May 14, 1990
	The Economic Benefits of Long Combination Vehicle Operations.	M.Rice, Proceedings of the Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol.2	June 1989
	Western Highway Institute Model Rules and Regulations for the Uniform and Safe Operation of Multiple Trailer Combinations (LCVs) Operated Under Special Transportation Permit.	Western Highway Institute	1987
	Long Combination Vehicles in Quebec and Ontario.	Fred P.Nix and M.Boucher for Transport Canada	October 1987
	Safety Criteria for Longer Combination Vehicles.	H.D.Robertson, D.L.Harkey and S.E.Davis, U.S.DOT, FHWA Report #FHWA-RD-87-035	August 1987

Subject Area	Document Title	Author or Source	Date
Longer Combination Vehicles			
	Expected Performance of Longer Combination Vehicles on Highway Grades.	K.N.Safwat and C.M.Walton, in Symposium on Geometric Design for Large Trucks, Transportation Research Record 1502, pp. 63-77	1986
	Findings of the Longer Combination Vehicle Study	J..W.March, Symposium on Geometric Design for Larger Trucks, Transportation Research Record 1052, pp. 157-161	1986
	Longer Combination Vehicle Operations in Western States.	Federal Highway Administration	October 1986
	Longer Combination Vehicle Studies in the United States.	G.E.Maring, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 397-408	June 8-13, 1986
	The Feasibility of a Nationwide Network for Longer Combination Vehicles: Effects on Truck Traffic and Transportation Costs.	D.J.Maio, U.S.DOT Transportation Systems Center	May 1986
	The Feasibility of a Nationwide Network for Longer Combination Vehicles.	Report of the Secretary of Transportation to the US Congress	June 1985
	An Overview of the Dynamic Performance Properties of Long Truck Combinations.	R.D.Ervin, P.S.Fancher and T.D.Gillespie, UMTRI Report #UMTRI-84-26	July 1984
Logistics			
	1993 Commodity Flow Survey	U.S.Bureau of Census	1995

Subject Area	Document Title	Author or Source	Date
Logistics			
	Modeling the Effects of Traffic Congestion on JIT.	K.Rao and W.L.Grenoble, International Journal of Physical Distribution and Logistics Management	In press
	Business Logistics Management, 5th ed.	J.J.Coyle, E.Bardi and J.Langley, West Publishing	1994
	Delivering the Goods.	R.Henkoff, Fortune, pp. 64-78	November 28, 1994
	The Supply Chain Revisited.	J.Wisdo, presented at Logistics Leaders Forum IV, Penn State's Center for Logistics Research	September 1994
	Toward a National Intermodal Transportation System.	A.D.Aylward, S.K.Bushue and C.Gowen, National Commission on Intermodal Transportation	September 1994
	The 'What' of Supply Chain Management.	L.M.Ellram, NAPM Insights, pp. 26-27	March 1994
	The National Highway System: The Backbone of America's Intermodal Transportation Network.	US DOT, FHWA, Report #FHWA-PD-94-002	1993
	Final Technical Report for Task A: Truck Loads and Flows.	M.E.Halenbeck and Soon-Gwam Kim, Washington DOT Report #WA-RD-320.3	November 1993
	Supply Chain Management '90s Style.	J.A.Cooke, in Traffic Management, pp. 57-59	1992
	The Impact of Heavier Vehicle Weight Limits on the Transloading of Ocean Containers.	K.Rao and R.Young, International Journal of Physical Distribution and Logistics Management, Vol.22, No.7, pp. 25-34	1992

Subject Area	Document Title	Author or Source	Date
Logistics			
	Logistics, The Strategic Issues.	M.Christopher, ed., Chapman & Hall, London	1992
	The Effects of LTL Motor Carrier Size on Strategy and Performance.	T.M.Corsi, C.Grimm and K.Smith, in Logistics and Transportation Review, Vol.28, No.2, pp. 129-145	1992
	Concepts of Price Elasticities of Transport Demand and Recent Empirical Estimates	Tae Hoon Oum, W.G.Waters, II and Jong-Say Yong in Journal of Transport Economics and Policy	May 1992
	Modeling the Demand for Freight Transport: A New Approach.	W.M.Abdelwahab and M.Sargious, in Journal of Transport Economics and Policy, pp. 49-69	January 1992
	Traffic Congestion and JIT.	K.Roa, W.L.Grenoble and R.R.Young, in Journal of Business Logistics, Vol.12, No.1, pp. 105-120	1991
	An Inventory-Transport Model with Uncertain Loss and Damage.	W.B.Allen and D.Liu, in Logistics and Transportation Review, Vol.26, No.2, pp. 101-121	1990
	The Impact of Changes in Road User Charges on Canadian Railways	J.Jones, F.Nix and C.Schwier for Transport Canada	September 1990
	How Managers Can Succeed Through Speed.	B.Dumaine, Fortune, pp. 54-59	1989
	An Economic Inventory/Transport Model with Freight Rate Discounts.	R.J.Tersine, P.D.Larson and S.Barman, in Logistics and Transportation Review, Vol.25, No.4, pp. 291-306	1989

Subject Area	Document Title	Author or Source	Date
Logistics			
	Firm Behavior and Operating Performance in Just-in-Time Logistics Channels.	J.H.Perry, Journal of Business Logistics, Vol.9, No.1, pp. 19-33	1988
	JIT and Corporate Transportation Requirements.	R.C.Lieb and R.Miller, Transportation Journal, pp. 5-10	Spring 1988
	Consolidation Strategy: Inventory, Vehicles and Terminals.	R.W.Hall, Journal of Business Logistics, Vol.8, No.2, pp. 57-73	1987
	Aspects of Freight Service Quality for Just-in-Time Transportation Serving the U.S. Automobile Industry.	R.K.Whitford, presented at "Just-in-time" Transport: New Road Freight Transport Strategies and Management: Adapting to the New Requirements of Transport Services seminar, Gothenburg, Sweden	June 22-24, 1987
	The Role of Transportation in Long Supply Line Just-in-Time Logistics Channels.	D.L.Anderson and R.J.Quinn, in Journal of Business Logistics, Vol.7, No.1, pp. 68-88	1986
	Reducing Vendor Delivery Uncertainties in a JIT Environment.	A.V.Hill and T.E.Vollman, in Journal of Operations Management, Vol.6, pp. 381-392	August 1986
	Analyzing Trade-Offs Between Transportation, Inventory and Production Costs on Freight Networks.	D.E.Blumenfeld, L.D.Burns, J.D.Diltz and C.F.Daganzo, Transportation Research, Vol.19b, No.5, pp. 361-380	1985
	Distribution Strategies that Minimize Transportation and Inventory Costs.	L.D.Burns, R.W.Hall, D.E.Blumenfeld and C.F.Daganzo, Operations Research, Vol.33, No.3, pp. 469-480	May/June, 1985

Subject Area	Document Title	Author or Source	Date
Logistics			
	An Investigation of Truck Size and Weight Limits: Carrier, Market and Regional Cost and Energy Tradeoffs Part 1 (Technical supplement Volume 7).	D.J.Maio for U.S.DOT Office of the Secretary, Report #DOT-TSC-OST-82-3	October 1982
Operations			
	Australian High Speed Weigh-In-Motion: An Overview.	C.Koniditisiotis, R.Buckmaster and P.Fraser, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Australia's Approach to Uniform National Road Transport Standards.	J.Hurlstone, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Effect of Large Trucks on Traffic Safety and Operations.	Z.Bareket and P.S.Fancher, UMTRI Report #UMTRI-93-19	1993
	Aspects of Performance of Truck Weight Stations.	E.S.K.Fekpe, A.M.Clayton and A.S.Alfa in Canadian Journal of Civil Engineering, Vol.20, No.3	1993
	Highway Statistics 1993.	Federal Highway Administration	1994
	Conversation with Roger Mingo Regarding Bread Trucks in Oklahoma.	M.A.Lawrence	November 1993
	Feasibility of a National Heavy Vehicle Monitoring System.	L.R.Grenzeback, J.R.Stowers and A.B.Boghani, NCHRP Report 303	1988
	Geometric Design and Operational Effects.	Transportation Research Record 1122	1987

Subject Area	Document Title	Author or Source	Date
Pavement			
	A Study of the Aligning Forces Generated From a Tridem Drive Axle Group.	E.J.Amlin, P.R.Klawer and D.V.Hart, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Modeling Whole-Life Pavement Performance.	A.C.Collop and D.Cebon, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Effects of Overloaded Heavy Vehicles on Pavement and Bridge Design In Taiwan.	C.Chou, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Dynamic Pavement Loads and Road Wear: Scientific Questions The OECD DIVINE Project is Intended to Answer.	C.G.B. Mitchell and R.R.Addis, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Computer Simulation of Load Equivalence Factors.	W.J.Kenis and C.M.Cobb, Transportation Research Record 1286, pp. 192-205	June 25-29, 1995
	Strain Measurements in Flexible Pavements Under Heavy Vehicle Axle Loads.	B.D.Pidwerbesky and B.D.Steven, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	International Co-Operation On Infrastructure And Heavy Freight Vehicles Within OECD.	B.Horn, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	A Study of Dynamic Wheel Loads Conducted Using A Four-Post Road Simulator.	B.T.Kulakowski, D.A.Streit, R.J.Wollyung and W.J.Kenis, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995

Subject Area	Document Title	Author or Source	Date
Pavement			
	Computer Optimization of Heavy Truck Suspension Parameters.	D.W.Blue and B.T.Kulakowski, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	The Impact of Vehicle Dynamics on Pavement Performance.	J.dePont and B.Pidwerbesky, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Economic Impacts of Axle Load Limits and Heavy Vehicle Configurations on the Performance of Pavements in Brazil.	J.L.Fernandes, Jr., J.A.Widmer and M.H.Soria, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Simulating In-Service Heavy Vehicle Suspension Dynamics.	J.dePont, K.Thakur and M.Costache, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Field Response and Dynamic Modeling of an Asphalt Concrete Pavement Section Under Moving Heavy Trucks.	K.Chatti, J.P.Mahoney, C.L.Monismith and T.Moran, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	The Effect of Wheel Loads on Pavements.	M.Huhtala, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Simulation of the Response of Cracked Flexible Pavements to Surface Loads.	M.S.Hardy, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Spatial Correlation of Dynamic Wheel Loads.	P.A.LeBlanc and J.H.Woodrooffe, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995

Subject Area	Document Title	Author or Source	Date
Pavement			
	Measurements of the Lateral Distribution of Heavy Vehicles and Its Effects on the Design of Road Pavements.	R.Blab and J.Litzka, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	A Simplified Model for Truck Dynamic Response to Road Roughness.	T.D.Gillespie and S.Karamihas, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Some Insights on Axle Tramp Contributions to the Dynamic Wheel Loads of Trucks.	T.D.Gillespie and S.Karamihas, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	A Demonstration of the Theory of Spatial Repeatability.	T.Moran, M.Sullivan, J.Mahoney and K.Chatti, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Implementation of Road Profiles for Vehicle Dynamic Simulation.	W.Kenis and J.Hammouda, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Assessing the Relative Road Damaging Potential of HGVs.	T.E.Potter, D.Cebon and D.J.Cole, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Measurement of Heavy Vehicle Dynamic Wheel Forces Using a Bolt-On Transducer.	W.Yang, C.Doedhar, D.A.Streit and B.T.Kulakowski, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Replication of Heavy Truck Dynamic Wheel Loads Using a Road Simulator.	T.Moran, M.Sullivan, D.Menuir and J.Mahoney, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995

Subject Area	Document Title	Author or Source	Date
Pavement			
	Impacts of Increased Goods Vehicle Weight Limits - A European Case Study.	B.A.Frith, C.G.Mitchell and W.H.Newton, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Investigation Into the Feasibility of Heavy Transport Routes in New Zealand.	L.Sleath, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Study of an Active Suspension for Improved Ride Quality and Reduced Dynamic Wheel Loads.	F.Oueslati, S.Rakheja and S.Sankar, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	An International Research Program Into the Vehicle/Pavement Interaction: OECD DIVINE Project.	P.F.Sweatman, R.R.Addis and C.G.B.Mitchell, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	A New Procedure for Predicting Heavy Vehicle Weight Distributions.	A.Clayton and E.Fekpe in ASCE Transportation Engineering Journal	March 1995
	Use of Coal Combustion By-Products.	R.Davis, Jr., A.Khan and T.Cofer, Proceedings of the 81st Annual Road School, pp. 52-74	Feb. 28-March 2, 1995
	Hot In-Place Recycling of Asphalt Pavement.	M.T.Vietti, Proceedings of the 81st Annual Road School, pp. 37-40	Feb. 28-March 2, 1995
	Crumb Rubber Modified Asphalt Grant.	J.L.Rhodes, Proceedings of the 81st Annual Road School, pp. 41-51	Feb. 28-March 2, 1995
	Pavement Management Requirements for the Local Governments in Indiana.	Indiana Pavement Management Advisory Committee, Proceedings of the 81st Annual Road School, pp. 84-93	Feb. 28-March 2, 1995
	Proceedings of the 81st Annual Road School.	William B. McDermott, ed., Purdue University	Feb. 28-March 2, 1995

Subject Area	Document Title	Author or Source	Date
Pavement			
	Evaluating Pavement Impacts of Truck Weight Limits and Enforcement Levels.	E.S.K. Fekpe, A.M.Clayton and R.C.Haas, 74th Transportation Research Board Annual Meeting	January 1995
	Economic Impact Study: Bulk Commodity Program.	ADI Ltd. For Saskatchewan Dept. of Highways and Transportation	1994
	Policy Issues of an Iowa Longer Combination Vehicle Network.	T.Maze, C.Walter and A.Smadi, Midwest Transportation Center, Iowa State University	November 1994
	The Effects of Tridem Axles on Pavement Damage.	Federal Highway Administration	October 1994
	The Effect of Tridem Axles on Pavement Damage.	W.R.Hudson and L.J.Buttler, Association of American Railroads	October 1994
	Passenger Car Equivalents of Larger Trucks, Derived from Use of FRESIM Model.	R.D.Mingo and L.Zhuang for Association of American Railroads	July 1994
	Trade-Offs Between Truck Operating Costs and Pavement Damage for Different Ontario Heavy Truck Configurations.	B.Hutchinson and R.Haas, Third Engineering Foundation Conference on Vehicle-Road and Vehicle-Bridge Interaction	June 1994
	Modern Suspensions in European Trailers and Semitrailers.	C.A.Frey and P.Volk, Third Engineering Foundation Conference on Vehicle-Road and Vehicle Bridge Interaction	June 1994
	Truck Tires and Roads.	M.I.Bauer, F.Dalle and P.Travert, Third Engineering Foundation Conference on Vehicle-Road and Vehicle-Bridge Interaction	June 1994

Subject Area	Document Title	Author or Source	Date
Pavement			
	Role of Suspension Damping in Enhancement of Road Friendliness of Heavy Vehicles.	S.Rakheja and J.Woodrooffe, Third Engineering Foundation Conference on Vehicle-Road and Vehicle-Bridge Interaction	June 1994
	Investigation into Effects of Road Vehicle Interaction on Damage Progression of Pavements.	A.A.A. Molenaar, M.Huurman and R.Naus, Third Engineering Foundation Conference on Vehicle-Road and Vehicle-Bridge Interaction	June 1994
	Etude de l'ornierage des couches de roulement. Influence du facteur liant et de la configuration des charges roulantes.	J.Corte, et.al., Revue Generale des routes et des aerodromes, No.174, pp. 59-68	June 1994
	Estimating Pavement Damage From Longer And Heavier Combination Vehicles.	J.W.Stoner and M.A.Bhatti, Midwest Transportation Center, Iowa State University	June 1994
	Estimating Pavement Loading in Terms of Weight Limit and Enforcement Intensity.	A.Clayton and E.Fekpe in Proceedings of CSCE Annual Conference, Vol.1, pp. 639-648	June 1994
	Introduction to Advanced Vehicle Suspension Design	E.Von Glasner, R.Povel and P.Schutzner, Third Engineering Foundation Conference on Vehicle-Road and Vehicle-Bridge Interaction	June 1994
	Assessing the Impact on Montana's Highways of Adopting Canadian Truck Weight and Size Limits.	J.E.Stephens, University of Montana for Montana DOT	May 1994
	Intermodal Container Data Needed.	Battelle for Federal Highway Administration	May 16, 1994

Subject Area	Document Title	Author or Source	Date
Pavement			
	Wide Base Tire Study: Final Report.	W.D.Glauz, Midwest Research Institute, Report #3389	May 10, 1994
	Optimality of Highway Pavement Strategies in Canada.	B.Hutchinson and F.P.Nix, 73rd Transportation Research Board Annual Meeting	January 1994
	Truck Flows and Loads for Pavement Management.	M.E.Hallenbeck and A.J.O'Brien, Washington DOT Report #WA-RD-320.1	January 1994
	Pavement Performance Modeling.	R.C.Graves and D.L.Allen, Kentucky DOT	January 14, 1994
	FHWA Workshop on Load Equivalency: Mathematical Modeling of Rigid Pavements.	Walcoff and Associates	January 12, 1994
	Impacts of the Extended Weight Coal Haul Road System.	Kentucky Transportation Cabinet, Report #FHWA/KY-93-151	1993
	Effects of Heavy-Vehicle Characteristics on Pavement Response and Performance.	T.D.Gillespie, S.M.Karamihas, M.W.Sayers, M.A.Nasim, W.Hansen and N.Ehsan, NCHRP Report 353	1993
	The Effects of Increased Truck Tire Loads on Pavement.	Maqbool A.Khatri and Soumya Sriraman, South Dakota DOT Report #SD92-06	November 1993
	Results From DYNTRAC Testing of Single Axle Truck with Leaf Spring Suspension.	R.Wollyung, Pennsylvania Transportation Institute	October 5, 1993
	Summary of Truck Loading Patterns in Washington State	M.E.Hallenbeck and Soon-Gwam Kim, Washington DOT Report #WA-RD-314.1	September 1993

Subject Area	Document Title	Author or Source	Date
Pavement			
	Synthesis of the Impacts of Truck Size and Weight on the Transportation System and the Economy.	Report of the Subcommittee on Truck Size and Weight of the AASHTO Joint Committee on Domestic Freight Policy (Attachment E).	July 2, 1993
	A Rational Approach to Predicting Pavement Loading.	A.Clayton and E.Fekpe in Proceedings from the Canadian Society for Civil Engineering Annual Conference, Vol.3, pp. 597-606	June 8-11, 1993
	Single Truck Tire Use in Utah.	D.Anderson, for Utah Department of Transportation	April 1993
	Use of Wide Base Single Tires on Heavy Trucks.	ADI Ltd. For Ontario Ministry of Transportation	April 1993
	Exxon: Maximizing Safety and Efficiency.	Southern Motor Cargo	April 1993
	Force Transmissibility of Heavy Truck Tires.	J.Tielking, 12th Annual Meeting of the Tire Society	March 1993
	Interaction Between Heavy Vehicles and Roads.	D.Cebon, the 39th L.Ray Buckendale Lecture.	March 1993
	Estimation of Axle Loads of Heavy Vehicles for Pavement Studies.	T.Fwa, B.Ang, H:.Toh and T.Goh in Transportation Research Board Annual Meeting	January 1993
	Effect of Tire Pressure on Pavement Damage and Load Equivalency Factors.	P.Sebaaly and N.Tabatabaee, in ASCE Journal of Transportation Engineering, Vol.118, No.6	1992
	Pavement Damage as Related to Tires, Pressures, Axle Loads, and Configurations.	P.Sebaaly, in Vehicle, Tire, Pavement Interface, pp.54-68, ASTM Publication STP 1164	1992

Subject Area	Document Title	Author or Source	Date
Pavement			
	An Assessment of the Increased Damage Potential of Wide Based Single Tires.	R.Bonaquist, in the Proceedings of the 7th International Conference on Asphalt Pavements, Vol. 3, pp. 1-16	1992
	Forecasting and Backcasting Equivalent Single Axle Loads.	University of Kentucky, Report #FHWA/KY-92-141	1992
	Intermodal Freight Transportation: Combined Rail-Truck Service Offers Public Benefits, but Challenges Remain.	U.S. General Accounting Office, Report #GAO/RCED-93-16	December 1992
	Relative Performance of Wide Base and Conventional Truck Tires.	V.Pezoldt, SAE Technical Paper Series, Report #922465	November 1992
	The Simulation of Vehicle Dynamic Effects on Road Pavements.	J.Hendrick, M.J.Marlow and B.Brademeyer, U.S.DOT, FHWA Report #FHWA-RD-90-108	November 1992
	Truck Tire Issues: Evaluation of Impacts of High Pressure Tires and Single-Tired Axles in Oregon.	C.A.Bell and S.Randhawa, Transportation Research Institute, Oregon State University Report #92-17	November 1992
	Impact of Truck Characteristics on Pavements: Truck Load Equivalency Factors.	S.W.Hudson, V.L.Anderson, P.E.Irick, R.F.Carmichael III and B.F.McCullough, U.S.DOT, FHWA Report # FHWA-RD-91-064	July 1992
	Solid Axle Dynamics.	I.Cech, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 199-202	June 28-July 2, 1992
	Using Servo-Hydraulics to Assess Heavy Vehicle Suspensions for Road Wear.	J.dePont, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 252-259	June 28-July 2, 1992

Subject Area	Document Title	Author or Source	Date
Pavement			
	The High-Speed Road Deflection Tester.	P.W.Arnberg, A.Holen and G.Magnusson, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 176-181	June 28-July 2, 1992
	Theoretical Analysis of Wandering of Commercial Vehicles on Damaged Road Surfaces.	M.Nagai and K.Koike, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 359-366	June 28-July 2, 1992
	WIM and Dynamic Loading on Pavements.	M.S.Huhtala, J.T.Pihlajamak and P.A.Halonen, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 272-277	June 28-July 2, 1992
	Lorry Transport: British Experience.	D.J.Lyness, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 3-11	June 28-July 2, 1992
	Vehicle Weights and Dimensions: European Community Perspective.	J.Berry, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 305-308	June 28-July 2, 1992
	The South African Heavy Vehicle Load Limit Study.	H.P.VanTonder, J.P.Hasluck and D.J.Wium, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 413-417	June 28-July 2, 1992
	Heavy Vehicle Pavement Loading: A Comprehensive Testing Programme.	W.J.Kenis, B.T.Kulakowski and D.A.Streit, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 260-265	June 28-July 2, 1992
	Loads on Lorries' Driving Systems Due to Road Unevenness.	V.Misun, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 203-210	June 28-July 2, 1992
	Development of a System for Ranking Transverse Cracks in Pavements.	W.R.Stephenson and J.R.Billing, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 171-175	June 28-July 2, 1992

Subject Area	Document Title	Author or Source	Date
Pavement			
	Semi-active Suspensions to Reduce Road Damage: Theoretical Design and Implementation.	Y.Kyongsu, M.Wargelin and J.K.Hedrick, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 122-129	June 28-July 2, 1992
	Effect of the Axle Load on Chilean Concrete Pavements.	V.Faraggi and G.Ocampo, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 291-298	June 28-July 2, 1992
	Flexible Pavement Response Models for Assessing Dynamic Axle Loads.	M.S.Hardy and D.Cebon, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 65-72	June 28-July 2, 1992
	A Comparison of the Accuracy of Two Types of Instrumentation for Measuring Vertical Wheel Load.	P.A.LeBlanc, J.H.Woodrooffe and A.T.Papaglannakis, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 86-94	June 28-July 2, 1992
	The Prediction of Traffic Loading at Specific Sites.	J.M.Anderson and A.H.Rhodes, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 299-304	June 28-July 2, 1992
	Dynamic Pavement Loads and Tests of Road-Friendliness for Heavy Vehicle Suspensions.	L.Gyenes, C.G.Mitchell and S.D.Phillips, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 243-251	June 28-July 2, 1992
	Pavement Design for Heavy Aircraft Loading.	E.J.Barenberg, R.Lane and G.R.Woodman, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 284-290	June 28-July 2, 1992
	Effect of Traffic Loading and Binder Ageing of the Structural Deterioration of Bituminous Pavements.	F.Wo, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 45-50	June 28-July 2, 1992

Subject Area	Document Title	Author or Source	Date
Pavement			
	Improvement of Dynamic Wheel Loads and Ride Quality of Heavy Agricultural Tractors by Suspending Front Axles.	G.Rill, D.Salg and E.Wilks, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 116-121	June 28-July 2, 1992
	The Effects of Heavy Vehicle Loadings on Pavement Structures Containing Vertical Discontinuities.	A.A.Sha'at, P.S.Pooh and J.D.Ferguson, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 73-77	June 28-July 2, 1992
	Pavement Loads and Truck Weight Limits: Canadian Experience.	A.Clayton, J.Robinson and E.Fekpe, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 309-315	June 28-July 2, 1992
	The Assessment of the Interfacial Stresses in a Composite Highway Surfacing Under Heavy Goods Vehicle Loading.	A.R.Woodside and G.X.Liu, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 51-58	June 28-July 2, 1992
	Use of a Force Measuring Mat to Compare the Road Damaging Potential of Heavy Vehicles.	D.J.Cole, A.C.Collop, T.E.Potter and D.Cebon, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 266-271	June 28-July 2, 1992
	Variable Tyre Pressure Control for Log-Hauling Vehicles.	E.Amlin and A.H.Bradley, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 439-441	June 28-July 2, 1992
	Heavy Duty Laminated Reinforced Concrete Pavements.	D.W.Cox and A.Hassani, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 59-64	June 28-July 2, 1992
	An Evaluation of Damage Caused by Heavy Loads in Ohio.	G.J.Ilves and K.Majidzadeh in Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 78-85	June 1992

Subject Area	Document Title	Author or Source	Date
Pavement			
	Conventional and Wide Base Radial Truck Tyres.	J.T.Tielking, in Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 182-190	June 1992
	Impact of Changes in Vehicle Weight Legislation on Pavements in Alberta, Canada.	K.O.Anderson, J.A.Bervell and S.Teply in Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 316-322	June 1992
	The Spatial Repeatability of Dynamic Pavement Loads Caused by Heavy Goods Vehicles.	L.Gyenes and C.G.B. Mitchell in Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 95-101	June 1992
	The Effect of Wide-Base Tyres on Pavements.	M.S.Huhtala, J.T.Pihlajamaki and V.V. Meittinen, in Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 211-217	June 1992
	The Influence of Tyre Characteristics on the Normal Stresses in Asphalt Concrete.	M.M.Jacobs and J.Moraal in Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 218-224	June 1992
	Impacts on the Road and Their Effects on Road Construction and Road Preservation Costs.	P.J.Von Becker, in Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 109-115	June 1992
	Super-Singles: Implications for Design.	R.G.Packard, in Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 225-232	June 1992
	Vehicle Wheel Loads and Road Pavement Wear.	R.R.Addis, in Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 233-242	June 1992

Subject Area	Document Title	Author or Source	Date
Pavement			
	Truck Factors Affecting Dynamic Loads and Road Damage.	T.D.Gillespie and S.Karimihas in Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 102-108	June 1992
	Wide-Base Truck Tire Effects on Pavement Performance and Vehicle Regulatory Legislation.	Raymond K. Moore, for Kansas DOT, Report #K-TRAN:KU-92-5	June 1992
	Estimating Damage Effects of Dual vs Wide Base Tires with Multidepth Deflectometers.	T.Akram, T.Scullion, R.E. Smith and E.G.Fernando, Transportation Research Record 1355, pp. 59-66	January 1992
	OECD Full-Scale Pavement Test.	OECD Scientific Expert Group, OECD, Paris, France	1991
	Truck Pavement Interaction.	University of Washington, Report #FHWA/WA-292	December 1991
	Development of Failure Curves and Investigation of Asphalt Concrete Pavement Cracking from Super-Overloaded Vehicles.	University of California at Berkeley, Report #FHWA/CA-F89TL29	September 1991
	Traffic Load Forecasting for Pavement Design.	A.J.Vlatas and G.B.Dresser, Texas Transportation Institute, Texas A&M, Report #FHWA/TX-91/1235-1	June 1991
	On the Use of Liftable Axles by Heavy Trucks.	J.Billing, F.Nix, M.Boucher and B.Raney, 70th Annual Meeting, Transportation Research Board Report #910504	January 1991
	Truck Tire Characteristics and Asphalt Concrete Pavement Rutting.	H.Smith, Transportation Research Board Paper #910035	January 1991

Subject Area	Document Title	Author or Source	Date
Pavement			
	New Trucks for Greater Productivity and Less Road Wear: An Evaluation of the Turner Proposal.	Transportation Research Board Special Report 227	1990
	High Priority National Program Area Overview.	W.Kenis, Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 1	1990
	Assessment of Damage Caused to Pavements by Heavy Trucks in New England	L.Lee and Peckham, Transportation Research Record #1286, pp.164-172	1990
	Truck Weight Limits: Issues and Options.	Transportation Research Board Special Report 225	1990
	Pavement and Bridge Impacts of Longer Combination Vehicles.	Arlee Reno for Trucking Research Institute	June 30, 1990
	The Status of the Nation's Highways and Bridges: Conditions and Performance and Highway Bridge Replacement and Rehabilitation Program.	US DOT, Federal Highway Administration	1989
	Use of Weight-in-Motion Collected Data in Planning, Pavement Design, and Weight Enforcement.	G.Grundmanis, Task 4-Truck Avoidance of Enforcement Scales: Field Results from a Combined Enforcement/Planning Perspective, WISDOT, Report #WI-01-89	1989
	Synopsis of Tire-Pavement Interaction Research.	H.A.Smith, SAE Technical Paper Series, Report #892455	1989
	Axle Load Shifts During Truck Braking and Their Implications for Bridge and Pavement Design.	B.Hutchinson, L.Rilett, R.Green and R.Haas in Canadian Journal of Civil Engineering, Vol.16, pp. 113-118	1989

Subject Area	Document Title	Author or Source	Date
Pavement			
	"Overweight Intermodal Containers and PiggyBack Trailers."	California DOT	December 1989
	Tires, Pressures and Pavements.	R.M.Clarke, SAE Technical Paper Series, Report #892458	November 1989
	Characteristics of Load Equivalence Relationships Associated with Pavement Distress and Performance.	Paul E.Irick and ARE Inc. Engineering Consultants, Trucking Research Institute	October 1989
	Truck Tire Pavement Contact Pressure Distribution Characteristics for Super Single 18-22.5 and Smooth 11R24.5 Tires.	R.W.Hansen, C.Bertrand, K.M.Marshek and W.R.Hudson, Texas DOT, Report #FHWA/TX-90-1190-1	July 1989
	"Effect of Heavy Vehicle Suspension Design on Dynamic Pavement Loading."	Western Highway Institute	June 1989
	Calibration of a Mathematical Vehicle Dynamic Model.	W.Kenis and J.Hammouda, at Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions	June 1989
	Dynamic Pavement Loads Measured for a Variety of Truck Suspensions.	C.G.Mitchell and L.Gyenes, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 1	June 1989
	Suitability of Alternative Pavement Roughness Statistics to Describe Dynamic Axle Loads of Heavy Trucks.	A.T.Papagianakis, J.H.Woodrooffe and P.A. LeBlanc, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 1	June 1989

Subject Area	Document Title	Author or Source	Date
Pavement			
	Measurement and Analysis of the Dynamic Response of Flexible Pavements.	M.S.Hardy and D.Cebon, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 1	June 1989
	Issues in Australian Transport With Emphasis on Road Transport.	B.Pearson, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 1	June 1989
	Transverse Cracking Distress and Vertical Dynamic Impact Load from Heavy Truck Axles: A Feasibility Study.	G.F.Chong and W.Stephenson, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 1	June 1989
	The Influence of Rear-Mounted, Caster-Steered Axles on the Yaw Performance of Commercial Vehicles.	C.B.Winkler, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 1	June 1989
	Designing Pavements for Realistic Traffic.	J.K.Cable and S.Sermet, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 1	June 1989
	Precision Without Accuracy: Heavy Trucks and Pavements Revisited.	J.Robinson, et.al., Proceedings of the Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol.1	June 1989
	The Effect of Alternative Heavy Truck Suspension on Flexible Pavement Response.	J.K.Hedrick and K.Yi, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 1	June 1989
	Traffic Loading Data: Their Place in the SHRP Pavement Performance Studies.	N.Hawks, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 1	June 1989

Subject Area	Document Title	Author or Source	Date
Pavement			
	Truck Tire Types and Road Contact Pressures.	P.Yap, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 1	June 1989
	The Response of Pavement to Heavy Loads.	J.B.Robinson, E.Hildebrand and M.Jackart, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 1	June 1989
	Impact of Heavy Vehicles on Saskatchewan's Low Strength Roads.	R.Barton, B.Churko, E.Hopkin and E.Wilson, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 1	June 1989
	Characteristics of Radial Ply Tires and Their Interaction with Road Structures.	J.Bolegoh, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 1	June 1989
	Axle Group Spacing: Influence on Infrastructure Damage.	J.J.Hajek and A.C.Agarwal, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 1	June 1989
	Dynamic Axle Loads and Pavement Response.	J.T.Christison and J.H.Woodrooffe, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 2	June 1989
	The Equalization of Truck Bogie Axle Weights.	C.G.Mitchell and I.C.Simmons, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 2	June 1989
	Alberta's Weight Enforcement Program and Its Impact on Pavement Costs.	C.Thygesen, et.al. Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol.2	June 1989

Subject Area	Document Title	Author or Source	Date
Pavement			
	Simulation and Measurement of Dynamic Tyre Forces.	D.J.Cole and D.Cebon, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 2	June 1989
	Tridem Axle Evaluations for Logging Trucks.	E. Amlin and N.Marshall, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 2	June 1989
	The Transportation Research Board's "Turner Proposal" Study.	J.R.Morris, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 2	June 1989
	Self Steering Axle Design and Application Considerations.	J.H.Woodrooffe, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 2	June 1989
	On Board Truck Weigh Scales.	M.Clark and E.Phillips, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 2	June 1989
	Some Evidence of the Trade-Off Between Truck Operating Costs and Pavement Damage Costs.	B.Hutchinson, Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol.2	June 1989
	Evaluation of Pavement Damage Caused by Single-Tired Axles.	C.A.Bell, Transportation Research Institute, Oregon State University Report #89-10	June 1989
	Pavement Damage Attributable to Four Axle Single Unit Trucks.	T.J.Parsons, Arkansas State Highway and Transportation Dept.	January 1989
	Pavement Wear Effect of Turner Trucks.	Transportation Research Board	1988

Subject Area	Document Title	Author or Source	Date
Pavement			
	Pavement Wear Effects of Single and Dual Tires.	Transportation Research Board	1988
	Evaluation of Increased Pavement Loading, Vols I & II.	R.High, S.W.Hudson and B.Stephen, Arizona DOT, Report # FHWA/AZ88-219	November 1988
	Impact of Heavy Trucks on Delaware Highways.	R.Nicholls, Delaware Transportation Center, University of Delaware Report #DTC-88-01	November 1988
	Highway Management Considerations, Volume 4.	Western Highway Institute, Oklahoma Trucking Industry Self-Funded Research & Development Program	July 1988
	Procedures for Controlling the Effect of Increased Tire Pressure on Asphalt Concrete Pavement Damage.	Ok-Kee Kim, C.A.Bell and J.E.Wilson, Oregon DOT Report #FHWA-OR-RD-88-1	June 1988
	Effect of Load, Tire Pressure and Type on Flexible Pavement Response.	R.Bonaquist, C.Churilla and D.Freund, in Public Roads, Vol.42, No.1, pp. 1-7	June 1988
	Final Report to the Governor and Legislature from the Permanent Advisory Committee on Truck Weights.	Permanent Advisory Committee on Truck Weights, NY State DOT	April 14, 1988
	The Wyoming Weight Study: Increasing the Gross Vehicle Weights on Wyoming Highways.	Highway Planning Branch, Wyoming State Highway Dept.	January 1988

Subject Area	Document Title	Author or Source	Date
Pavement			
	Demand Responsive Approach to Highway Maintenance and Rehabilitation, Volume 2: Optimal Investment Policies for Maintenance and Rehabilitation of Highway Pavements.	W.A.Balta and M.J.Markow, U.S.DOT Report #DOT-OST-P-34-87-054	1987
	Effects of Load Distributions and Axle and Tire Configurations on Pavement Fatigue.	H.F.Southgate and R.C.Deen, in Proceedings, Sixth International Conference on Structural Design of Asphalt Pavements, Vol.1, pp. 82-93	1987
	Consideration of Seasonal Pavement Damage for Timber Haul Roads.	H.H.Richter and F.T.Hsia, Transportation Research Record 1106, pp. 132-139	1987
	Effect of Truck Weights on Deterioration, Operations and Design of Bridges and Pavements (Final Report).	Byrd, Tallamy, MacDonald and Lewis, Consulting Engineers for NY DOT, Engineering R&D Bureau	November 1987
	Effects of Permit and Illegal Overloads on Pavements.	R.L.Terrell and C.A.Bell, National Cooperative Highway Research Program Synthesis of Highway Practice 131	September 1987
	Response of Asphalt Concrete Pavements to Dynamic Truck Loads.	J.B.Sousa, J.Lysmer and C.L.Monismith, Ca DOT, Report #FHWA/CA/TL-87/08	July 1987
	Effects of Truck Tire Pressures on Pavements.	H.H.Chen, R.B.Connell, W.R.Hudson, R.L.Lytton, R.M.Marshek, D.Middleton, C.Roberts, C.Sarak and J.Tielking, Texas Transportation Institute, Texas A&M	April 1987

Subject Area	Document Title	Author or Source	Date
Pavement			
	Truck Tire Pavement.	A.Sharp, AASHTO Symposium on High Pressure Truck Tires, Austin, Texas	February 12, 1987
	Influence of the Geometric Design of Highway Ramps on the Stability and Control of Heavy-Duty Trucks.	R.D.Ervin, C.C.MacAdam and M.Barnes, Symposium on Geometric Design for Larger Trucks, Transportation Research Record 1052, pp. 77-89	1986
	TRB's Study of Twin-Trailer Trucks.	R.E.Skinner, J.Morris and S.Godwin, Symposium on Geometric Design for Larger Trucks, Transportation Research Record 1052, pp. 128-136	1986
	The Effects of Tire Pressures on Flexible Pavement Performance.	V.K.Tatum, Georgia DOT	1986
	Guide for Design of Pavement Structures	AASHTO	1986
	Twin Trailer Trucks: Effects on Highways and Highway Safety.	Transportation Research Board Special Report 211	1986
	Changing Demands on North Dakota's Road and Bridge Network.	D.Zink, Transportation Needs Assessment Study (HCR3069) by UGPTI	November 1986
	Cost Allocation for Heavy Trucks: A Pavement & Bridge Evaluation.	Clyde E. Williams & Associates, Inc., for Indiana Dept of Highways	August 1986

Subject Area	Document Title	Author or Source	Date
Pavement			
	Road Damaging Effects of Dynamic Axle Loads	D.Cebon, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 37-54	June 8-13, 1986
	Analyses of Moving Dynamic Loads on Highway Pavements: Part II- Pavement	B.D.Bradmeyer, N.J.Delatte and M.J.Markow, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 381-396	June 8-13, 1986
	Road and Structure Protection Through Weight Control - Economic and Engineering Issues.	S.C.Radbone, W.A.Phang and R.A.Dorton, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 241-250	June 8-13, 1986
	A High Performance WIM System by Piezo-Electric Cables and Its Applications.	B.Jacob and M.Sieffert, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 161-168	June 8-13, 1986
	Pavement Loading/Design Relationships in Iowa.	J.K.Cable, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 349-362	June 8-13, 1986
	Heavy Vehicle Axle Dynamics: Rig Development, Instrumentation, Analysis Techniques.	J.H.Woodrooffe and P.A.LeBlanc, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 25-36	June 8-13, 1986
	Pavement Response to Heavy Truck Axle Loadings: The Canadian Vehicle Weights and Dimensions Study.	J.T.Christison, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 141-146	June 8-13, 1986
	The Effects of Different Trucks on Road Pavements.	M.Huhtala, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 151-160	June 8-13, 1986

Subject Area	Document Title	Author or Source	Date
Pavement			
	Development of a Mobile Tire Test Dynamometer and Tests of Three Truck Tires.	W.Mercer and W.Stephenson, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 277-288	June 8-13, 1986
	Dynamic Suspension Characteristics: Is There Research Beyond the Fourth Power Law?	P.F.Sweatman, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 69-80	June 8-13, 1986
	Dynamic Loading of Road Pavements.	R.R.Addis, A.R.Halliday and C.G.Mitchell, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 55-68	June 8-13, 1986
	The United States Bridge Formula.	C.S.Napier, Jr. and J.P.Eicher, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 225-230	June 8-13, 1986
	Effects of Truck Tire Inflation Pressure and Axle Load on Pavement Performance.	K.M.Marshek, et.al., University of Texas at Austin	1985
	Truck Tire Pressures, Axle Loads, and Tire Contact Areas.	H.F.Southgate and R.C.Deen, University of Kentucky	1985
	Bridge Formula Development.	James, Noel, Furr and Bonilla, U.S.DOT, FHWA Report #FHWA-RD-85-088	1985
	The Effects of Increased Truck Size and Weight in Illinois.	Illinois DOT	July 1985
	Should Larger and Heavier Trucks Be Allowed on Australian Roads?	K.W.Dobinson and P.S.Prince, in Transport '85, Sydney, Australia, National Conference Publications	July 17-19, 1985

Subject Area	Document Title	Author or Source	Date
Pavement			
	Impact Analysis of Truck Length and Width Increase on Virginia Roads.	Virginia Dept. of Highways and Transportation	January 17, 1985
	Interstate XX Demonstration Evaluation Report.	South Dakota DOT, Division of Planning, Office of Transportation Planning and Programs	April 1984
	Impact of Heavy Freight Vehicles.	Organization for Economic Cooperation and Development, Report No. RR/AP1/82.3, Paris, France.	1982
	An Investigation of Truck Size and Weight Limits: Pavement and Bridge Impact Analysis Methodology (Technical Supplement volume 6).	Harry S. Cohen and Joseph H. Sinnott for U.S.DOT Office of the Secretary, Report #DOT-P-30-82-17	September 30, 1982
	Effects of Truck Weights on Pavement Deterioration.	R.L.Lytton, T. Scullion, B.D.Garrett and C.M.Michalak, Texas Transportation Institute at Texas A&M	September 1981
	Excessive Truck Weight: An Expensive Burden We Can No Longer Support	General Accounting Office Report #CED-79-94	July 16, 1979
	Evaluation of the Relative Damaging Effects of Wide Base Tire Loads on Pavements.	J.Christison and B.Shields, Alberta Research Council Contribution Series #1029, pp.D27-D46	c. 1978
	Changes in Legal Vehicle Weights and Dimensions. Some Economic Effects on Highways.	R.E.Whiteside, Y.C.Ting, J.C.Cosby, R.L.Whitaker and R.Winfrey, National Cooperative Highway Research Program Report #141	1973

Subject Area	Document Title	Author or Source	Date
Pavement			
	Dynamic Load Aspects of Truck Size and Weight.	J.R.Darlington, Michigan State Highway Commission, Research Laboratory Section	August 1973
	Assessment of Truck Weight Sample in the Traffic Monitoring Guide for Use in Virginia.	E.Bigg, Virginia Transportation Research Council	
	Revaluation of the Methods for Calculation of Load Equivalency.	Federal Highway Administration	
	Response of Flexible Pavement to Heavy Trucks with High Tire Pressures.	Caltrans and Translab	
	Trucks Size, Weight and Tire Pressures on Pavement Deterioration.	Federal Highway Administration	
	Marginal Maintenance and Rehabilitation Costs.	J.Sherwood, W.Kenis and C.Liu, Proceedings of the Sixth Annual Conference, Ann Arbor, Michigan	
	PCC Pavement Deterioration Study.	Missouri DOT	
	Impact of Truck Tire Selection on Contact Pressures.	T.Ford and J.Zekoski, The Goodyear Technical Center, pp 2-28	
	Refinement of a Pavement Maintenance Cost Allocation Model.	University of California at Davis	

Subject Area	Document Title	Author or Source	Date
Pavement			
	Evaluation of Research Reports Concerning: The Influence of Commercial Vehicle Development and Design on the Road Fatigue.	W.Gorge, International Road Transportation Union	
Permits and Pricing Mechanisms			
	Permit Manual.	Specialized Carriers & Rigging Association (SC&RA)	July 19, 1994
	"Movement of Super Heavy Loads over the State Highway System."	TX DOT, Research Project Semi-annual Report	January 6, 1994
	Impacts of the Extended Weight Coal Haul Road System.	Kentucky Transportation Cabinet, Report #FHWA/KY-93-151	1993
	Weight Tolerance Permits.	W.Crockford, Texas Transportation Institute, Research Report #1323-2F	November 1993
	Overweight Vehicles - Penalties and Permits: An Inventory of State Practices for Fiscal Year 1991.	Federal Highway Administration	April 1993
	Guidelines for Permitting Overloads.	Purdue University, Report #FHWA/IND HPR-2042	March 1993
	Overweight Permit Rules Based on Bridge Stresses.	Texas A&M, Report #FHWA/TX-1266	March 1993
	Overload Permit Procedures.	J.S.Noel, P.B.Keating, M.J.Mattox and E.P.White, Texas DOT Report #FHWA/TX-92-1266	December 1992

Subject Area	Document Title	Author or Source	Date
Permits and Pricing Mechanisms			
	Overweight Intermodal Containers and PiggyBack Trailers.	California DOT	December 1989
	Determining the Cost of Special Trip Permits as a Function of Road Damage.	C.Morin, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol.2	June 1989
	Overweight Vehicles - Penalties and Permits: An Inventory of State Practices for Fiscal Year 1987.	US DOT, FHWA, Report #FHWA-MC-89-050	January 1989
	Evaluation of Oversize/Overweight Permit Policy and Fee Schedule.	D.Middleton, et.al., Texas Transportation Institute Research Report #1109-1F	November 1988
	Effects of Permit and Illegal Overloads on Pavements.	R.L.Terrell and C.A.Bell, National Cooperative Highway Research Program Synthesis of Highway Practice 131	September 1987
Roadway Geometry			
	Characteristics of Heavy Traffic on Various French Roads.	D.Pillot, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Truck Length and Weight Issues: Passing and Turning at Intersections.	P.Fancher, Z.Bareket and M.Russo, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Geometric Considerations of Long Combination Vehicle Maneuvers On Roadway Intersections in Brazil.	M.R.Russo and J.A.Widmer, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995

Subject Area	Document Title	Author or Source	Date
Roadway Geometry			
	Effect of Vehicle Length on Passing Operations.	G.A.Sparks, R.D.Neudorf, J.B.Robinson and D.Good, in Journal of Transportation Engineering, Vol.119,No.2	March/April 1993
	Development of Relationship Between Truck Accidents and Geometric Design: Phase 1.	S.P.Miaou, P.S.Hu, T.Wright, S.C.Davis and A.K.Rathi, U.S.DOT, FHWA Report #FHWA-RD-91-124	March 1993
	Behaviour of Articulated Vehicles on Curves.	R.M.George, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 331-337	June 28-July 2, 1992
	A Study of the Practicality of Allowing 33 metre Road Trains into a Metropolitan Environment.	R.A.Pearson, K.W.Ogden and P.F.Sweatman, Heavy Vehicles and Roads: Technology, Safety and Policy, pp.21-24	June 28-July 2, 1992
	The Effect of Trucks on Australian Two-lane Highway Traffic.	Proceedings of Third International Symposium on Heavy Vehicle Weights and Dimensions, Cambridge Conference	June 1992
	Cost-effectiveness of Passing Lanes: Safety, Level of Service, and Cost Factors.	A.M.Khan, N.M.Holtz, Z.Yicheng, R.Jagannathan and F.Razaqpar, for Ontario Ministry of Transportation, R&D Branch, Report #TDS-91-02	September 1991
	Dynamic Simulation Methods for Evaluating Vehicle Configuration and Roadway Design	J.Stoner, M.A.Bhatti, S.S.Kim, J.E.Bernard, J.P.Vega, C.Q.Febres, B.A.Amhof, J.K.Koo, S.W.Sterans, N.Foster, Midwest Transportation Center	July 1991
	Operational Impacts of Wider Trucks on Narrow Roadways.	D.L.Harkey, C.V.Zegeer, D.W.Reinfurt, S.E.Davis, J.R.Steward and F.M.Council, U.S.DOT, FHWA Report #FHWA-RD-90-103	June 1991

Subject Area	Document Title	Author or Source	Date
Roadway Geometry			
	New Trucks for Greater Productivity and Less Road Wear: An Evaluation of the Turner Proposal.	Transportation Research Board Special Report 227	1990
	Large Truck Properties and Highway Design Criteria.	B.Hutchinson, in ASCE Journal of Transportation Engineering, Vol.115, No.1	1990
	Operational Considerations Relating to Long Trucks in Rural Areas.	M.W.Truby, D.D.Hoagland, P.H.DeCabooter, C.E.Solberg and W.L.Ristau, Transportation Research Record 1256, pp. 7-15	1990
	Traffic and Geometric Characteristics Affecting the Involvement of Large Trucks in Accidents, Volume 1	N.J.Garber and S.C.Joshua, Virginia Transportation Research Council Report #VRTC-91-R17	November 1990
	Traffic and Geometric Characteristics Affecting the Involvement of Large Trucks in Accidents, Volume 2	N.J.Garber and S.C.Joshua, Virginia Transportation Research Council Report #VRTC-91-R18	November 1990
	Truck Characteristics for Use in Highway Design and Operation.	D.W.Harwood, J.M.Mason, W.D.Glauz, B.T.Kulakowski and K.Fitzpatrick, U.S.DOT, FHWA Report #FHWA-RD-89-226	August 1990
	Providing Access for Large Trucks.	Transportation Research Board Special Report 223	1989
	"Truck Kingpin-to-Rear Axle Length State Highway System Evaluation."	California Department of Transportation, Report to the Legislature	December 1989
	Operating Larger Trucks on Roads with Restrictive Geometry: Summary Report.	M.Firestine, W.Hughes and N.Natelson, U.S.DOT, FHWA Report #FHWA-IP-89-025	September 1989

Subject Area	Document Title	Author or Source	Date
Roadway Geometry			
	Improving Truck Safety at Interchanges.	M. Firestine, H.McGee and P.Toeg, U.S.DOT, FHWA Report #FHWA-IP-89-024	September 1989
	Analysis of Heavy-Duty Truck Use in Urban Areas.	D.Blower and K.Campbell, University of Michigan Transportation Research Institute, Report #UMTRI-88-31	June 30, 1988
	Designated Highway System Truck Operation Study.	P.H.Decabooter and C.E.Solberg, 67th Annual Meeting of Transportation Research Board	January 13, 1988
	A Vehicle Dynamics Handbook for Single-Unit and Articulated Heavy Trucks.	P.S.Fancher and A.Mathew, U.S.DOT, NHTSA Report #DOT-HS-807-185	May 1967
	Symposium on Geometric Design for Large Trucks.	E.W.Kaplan, ed. For Symposium on Geometric Design for Large Trucks, Transportation Research Record 1052	1986
	Start-Up Accelerations of Heavy Trucks on Grades.	T.D.Gillespie, Symposium on Geometric Design for Larger Trucks, Transportation Research Record 1052, pp. 107-112	1986
	National Network for Trucks: Development, Performance, and Outlook.	J.P.Eicher, T.E.Klimek and S.G.Strickland, Symposium on Geometric Design for Larger Trucks, Transportation Research Record 1052, pp. 2-5	1986
	Operational and Safety Problems of Trucks in No-Passing Zones on Two-Lane Rural Highways.	S.Khasnabis, Symposium on Geometric Design for Larger Trucks, Transportation Research Record 1052, pp. 36-44	1986

Subject Area	Document Title	Author or Source	Date
Roadway Geometry			
	Sight Distance Problems Related to Large Trucks.	P.S.Fancher, Symposium on Geometric Design for Larger Trucks, Transportation Research Record 1052, pp. 29-35	1986
	Safety of Large Trucks and the Geometric Design of Two-Lane, Two-Way Roads.	G.A.Donaldson, Symposium on Geometric Design for Larger Trucks, Transportation Research Record 1052, pp. 10-14	1986
	Swept Paths of Large Trucks in Right Turns of Small Radius.	J.R.Billing and W.R.Mercer, Symposium on Geometric Design for Large Trucks, Transportation Research Record 1052, pp. 116-119	1986
	Consideration of Large Trucks in Right Turns of Small Radius.	J.M.Mason, Jr. and V.S.Driscoll, Symposium on Geometric Design for Larger Trucks, Transportation Research Record 1052, pp. 120-128	1986
	Vehicle Offtracking Models.	M.Sayers, in Symposium on Geometric Design for Large Trucks, Transportation Research Record 1052, pp. 53-62	1986
	California Design Practice for Large Trucks.	E.Rogers, Symposium on Geometric Design for Larger Trucks, Transportation Research Record 1052, pp. 112-115	1986
	Impact of Specific Geometric Features on Truck Operations and Safety at Interchanges.	R.Ervin, M.Barnes, C.MacAdam and R.Scott, U.S.DOT, FHWA study	August 1986
	Effect of Nationwide Introduction of Twin Trailer Trucks in the U.S.	J.R. Morris and R.E.Skinner, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 197-206	June 8-13, 1986

Subject Area	Document Title	Author or Source	Date
Roadway Geometry			
	The Feasibility of a Nationwide Network for Longer Combination Vehicles: Effects on Truck Traffic and Transportation Costs.	D.J.Maio, U.S.DOT Transportation Systems Center	May 1986
	An Assessment of Changes in Truck Dimensions on Highway Geometric Design Principles and Practices.	C.Michael Walton and Ogilvie Gericke, Center for Transportation Research, University of Texas at Austin, Report #241-2	June 1981
Safety			
	Simulation Modeling and Performance Standards For Combination Vehicles.	S.McFarlane, P.Dovile and P.Sweatman, Proceedings of Fourth International Symposium on Heavy vehicle Weights and Dimensions	June 25-29, 1995
	Stability in the Real World - Influence of Drivers and Actual Roads on Vehicle Stability Performance.	D.White, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Standard Test Procedures for the Lateral Stability of Heavy Vehicle Combinations.	J.Aurell and C.B.Winkler, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Fourth International Symposium on Heavy Vehicle Weights and Dimensions: Program and Abtracts.	C.B.Winkler, chair, International Forum for Road Transport Technology, Safety and Policy	June 25-29, 1995
	Heavy Truck Brake Adjustment - Problems and Solutions.	H.Seiff, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995

Subject Area	Document Title	Author or Source	Date
Safety			
	Further Experience with Anti-lock Brake Systems.	J.R.Billing, C.P.Lam and S.Vespa, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Applicability of Performance-Based Standards to Size and Weight Regulation in the United States.	J.York and T.Maze, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Urban Truck Crashes - What Really Happens.	P.F.Sweatman and K.W.Ogden, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Headway Control Systems and the Heavy Commercial Vehicle - A Case Study.	P.Fancher, Z.Bareket Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Statistical and Mechanical Analyses of Brake Adjustment Criteria For Heavy Trucks.	P.Fancher, Z.Bareket, D.Blower and K.Campbell, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	U.S. Heavy Vehicle SIze and Weight Policies: Is a Performance-Based Approach In Our Future?	R.Clarke, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Regulating Heavy Vehicle Safety in New Zealand Using Performance Standards.	J.Edgar, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	A Combined Cornering and Braking Test for Medium Duty Truck Tires.	M.Pottinger, W.Pelz, G.A.Tapia and C.B.Winkler, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995

Subject Area	Document Title	Author or Source	Date
Safety			
	NAFTA And Its Impact On Trucking And Highways in North America	R.Welke, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Controlled Substance and Alcohol Use Testing for Commencial Driver's License.	S.Catron, Proceedings of the 81st Annual Road School, p. 83	February 28-March 2, 1995
	Truck Operating Characteristics Synthesis of Information.	P.S.Fancher and T.D.Gillespie, National Cooperative Highway Research Program, Project 20-5, Topic 22-12	1994
	Rail-Highway Crossing Safety: Fatal Crash and Demographic Descriptors.	Terry Klein, Tina Morgan and Adrienne Weiner, U.S.DOT, NHTSA Report #DOT-HS-808-196	November 1994
	Wisconsin Safety and Weight Policy Study.	Cambridge Systematics, Inc., for Wisconsin DOT, Office of State Patrol	September 1994
	Longer Combination Trucks: Potential Infrastructure Impacts, Productivity Benefits, and Safety Concerns.	US General Accounting Office, Report #GAO/RCED-94-106	August 1994
	Higher Mexican Truck Weight Standards Could Worsen Threat to U.S. Highways.	L.Lee Lane in Policy Reporter, Volume 1, No.5	August 24, 1994
	Accident Rates for Heavy Truck Tractors in Michigan.	D.Blower, K.Campbell and P.Green, in Accident Analysis and Prevention, Vol.25, No.3, pp 307-322	1993
	Effect of Large Trucks on Traffic Safety and Operations.	Z.Bareket and P.S.Fancher, UMTRI Report #UMTRI-93-19	1993

Subject Area	Document Title	Author or Source	Date
Safety			
	Longer Combination Vehicles: Issues and User Attributes.	C.K. Walter, in Transportation Executive Update, A Publication of the Regular Common Carrier Conference	November 1993
	Speed Determination Models for the Highway Performance Monitoring System: Final Report.	R.Margiotta,H.Cohen, R.Morris, G.E.Nichols, M.Venigalla and A.Rathi, U.S.DOT, FHWA Contract DGFH61-92-R-00022	October 31, 1993
	"Heavy Truck Safety & Productivity, Can They Be Reconciled?"	Farrel L. Krall, Annual SAE Government/Industry Meeting, Washington D.C.	May 7, 1993
	"Exxon: Maximizing Safety and Efficiency."	Southern Motor Cargo	April 1993
	Development of Relationship Between Truck Accidents and Geometric Design: Phase 1.	S.P.Miaou, P.S.Hu, T.Wright, S.C.Davis and A.K.Rathi, U.S.DOT, FHWA Report #FHWA-RD-91-124	March 1993
	Guidelines for Permitting Overloads.	Purdue University, Report No. FHWA/IND HPR-2042	March 1993
	Truck Accident Countermeasures on Urban Freeways.	D.Middleton, K.Fitzpatrick, D.Jasek and D.Woods, U.S.DOT, FHWA Report #FHWA-RD-92-059	October 1992
	A Study of Heavy Vehicle Crashes in Australia.	P.F.Sweatman, K.W.Ogden, N.Haworth, R.A.Pearson, F.Schnerring and A.P.Vulcan, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 423-429	June 28-July 2, 1992
	HGV Safety Research Activities at the University of Hannover, Germany.	W.D.Hahn, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 344-351	June 28-July 2, 1992

Subject Area	Document Title	Author or Source	Date
Safety			
	Heavy Vehicles and Roads: Technology, Safety and Policy.	D.Cebon and C.Mitchell, eds., Proceedings of the Third International Symposium on Heavy Vehicle Weights and Dimensions	June 28-July 2, 1992
	Truck Behaviour on Highway Facilities.	J.J.Hajek and A.J.Ugge, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 418-422	June 28-July 2, 1992
	Behaviour of Articulated Vehicles on Curves.	R.M.George, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 331-337	June 28-July 2, 1992
	Safety of LCV Operations: Availabile Data and a Suggested Evaluation Approach.	Federal Highway Administration	June 25, 1992
	A Study of the Practicality of Allowing 33 metre Road Trains into a Metropolitan Environment.	R.A.Pearson, K.W.Ogden and P.F.Sweatman, Heavy Vehicles and Roads: Technology, Safety and Policy, pp.21-24	June 1992
	The Effect of Trucks on Australian Two-lane Highway Traffic.	Proceedings of Third International Symposium on Heavy Vehicle Weights and Dimensions, Cambridge Conference	June 1992
	Heavy Vehicle Size and Weight - Test Procedures for Minimum Safety Performance Standards.	C.B.Winkler, P.Fancher, Z.Bareket, S.Bogard, G.Johnson, S.Karamihas and C.Mink, U.S.DOT, NHTSA Report #DOT-HS-807-855	April 1992
	Truck Safety - The Safety of Longer Combination Vehicles is Unknown.	US General Accounting Office, Report #GAO/RCED-92-66	March 1992
	Effects on Safety of Pavement-Truck Tire Interaction.	B.T.Kulakowski, J.C.Wambold, D.W.Blue, R.R.Blackburn and D.W.Harwood, U.S.DOT, FHWA Report #FHWA-RD-92-012	January 1992

Subject Area	Document Title	Author or Source	Date
Safety			
	"The Effect of Vehicle Length on Traffic on Canadian Two-Lane, Two-Way Roads."	D.Good, J.B.Robinson, G.Sparks and R.Newdorf for Transport Canada	1991
	The Crosswind Sensitivity of Unladen Doubles and Triples Combinations and Their Susceptibility to Wind-Induced Offtracking and Rollover.	C.C.MacAdam, in Proceedings for 12th IAUSD	1991
	Cost-effectiveness of Passing Lanes: Safety, Level of Service, and Cost Factors.	A.M.Khan, N.M.Holtz, Z.Yicheng, R.Jagannathan and F.Razaqpar, for Ontario Ministry of Transportation, R&D Branch, Report #TDS-91-02	September 1991
	"Apply the Brakes to Irresponsible Braking."	W.Tracy, Transport Topics	August 5, 1991
	Operational Impacts of Wider Trucks on Narrow Roadways.	D.L.Harkey, C.V.Zegeer, D.W.Reinfurt, S.E.Davis, J.R.Steward and F.M.Council, U.S.DOT, FHWA Report #FHWA-RD-90-103	June 1991
	"Why Do Brakes Go Out of Adjustment?"	M.McNamara, Transport Topics	June 10, 1991
	Improved Brake Systems for Commercial Motor Vehicles.	R.M.Clarke, R.W.Radlinski and R.R.Knipling, U.S.DOT, NHTSA Report #DOT-HS-807-706	April 1991
	"Improved Brake Systems For Commercial Motor Trucks" in Response to Section 9107; P.L.100-690	U.S. Department of Transportation, National Highway Traffic Safety Administration	January 1991
	Status Report on Truck and Truck Driver Safety.	Heavy Commercial Vehicle and Driver Safety Task Force, Report to the Governor and the Legislature, California	January 1991

Subject Area	Document Title	Author or Source	Date
Safety			
	A Study of the Operating Practices of Extra-Long Vehicles.	AAA Foundation for Traffic Safety	December 1990
	Analysis and Adaptation of the Brake Masters Emergency Brake System	E.C.Carter, Transportation Studies Center, University of Maryland	November 1990
	Traffic and Geometric Characteristics Affecting the Involvement of Large Trucks in Accidents, Volume 1	N.J.Garber and S.C.Joshua, Virginia Transportation Research Council Report #VRTC-91-R17	November 1990
	Traffic and Geometric Characteristics Affecting the Involvement of Large Trucks in Accidents, Volume 2	N.J.Garber and S.C.Joshua, Virginia Transportation Research Council Report #VRTC-91-R18	November 1990
	Increased Stability of Twin Trailers.	W.M.Slagle, in Total Vehicle Ride, Handling and Advanced Suspensions, SAE Publication SP-843	October 1990
	Truck Safety: Need to Better Ensure Correction of Serious Inspection Violations.	US General Accounting Office, Report #GAO/RCED-90-202	September 1990
	Overweight Truck Cask Systems Development Policy Options.	Battelle, Office of Transportation Systems and Planning	July 1990
	Trucks Involved in Fatal Accidents, 1980-86.	D.Blower, L. Pettis and K.Sullivan, UMTRI Report #UMTRI-90-26	June 1990
	Development of an Anti-Jackknifing System for Tractor Semitrailers: Feasibility Study; Phase 1, Stage 2.	James E. Pickard and Suanne L.Dorion, TES Limited	May 1990

Subject Area	Document Title	Author or Source	Date
Safety			
	Antilock Brakes on Trucks: They Deliver the Goods.	Insurance Institute for Highway Safety, Status Report, Vol.25, No.5	May 19, 1990
	Safety Implications of Various Truck Configurations.	P.S.Fancher, U.S.DOT, FHWA Report #FHWA-RD-89-085	January 1990
	Providing Access for Large Trucks.	Transportation Research Board Special Report 223	1989
	"Overweight Intermodal Containers and PiggyBack Trailers."	California DOT	December 1989
	Oklahoma's Special Combination Vehicle Demonstration Program, Progress Report, Volume 3.	Western Highway Institute, Oklahoma Trucking Industry Self-Funded Research & Development Program	December 1989
	Examination of Truck Accidents on Urban Freeways.	B.L.Bowman and J.E.Hummer, U.S.DOT, FHWA Report #FHWA-RD-89-201	December 1989
	Recommended Legal Weight and Overweight Truck Speed for Estimating Costs for Spent Nuclear Fuel and High-Level Nuclear Waste Shipments.	L.A.Brentlinger, P.L.Hofmann and R.W.Peterson, Battelle	November 1989
	Large Truck Safety in North Carolina: The Identification of Problem Locations in the Designated Route System.	F.M.Council and W.L.Hall, University of North Carolina Highway Safety Research Center for Governor's Highway Safety Program	October 1989
	Improving Truck Safety at Interchanges.	M. Firestine, H.McGee and P.Toeg, U.S.DOT, FHWA Report #FHWA-IP-89-024	September 1989

Subject Area	Document Title	Author or Source	Date
Safety			
	Reducing Runaway Truck Accidents through Weight-Based Advisory Speeds.	M Firestine, H.McGee and D.Cunningham, U.S.DOT, FHWA Report #FHWA-IP-89-023	September 1989
	Self-Steering Axles: Theory and Practice.	P.A.LeBlanc, M.El-Gindy and J.H.Woodrooffe, SAE Technical Paper 891633	August 1989
	Turner Truck Handling and Stability Properties Affecting Safety: Final Report - Volume I - Technical Report.	P.Fancher, A.Mathew, K.Campbell, D.Blower and C.Winkler, University of Michigan Transportation Research Institute, Report #UMTRI-89-11	July 1989
	Development of Design and Operational Guidelines for the C-Converter Dolly.	J.H.Woodrooffe, P.A.LeBlanc and M.El-Gindy, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 1	June 1989
	Safety Improvements for Increased Weights and Dimensions in New Zealand.	P.H.Bass and D.M.White, in Proceedings of the Second International Symposium on Heavy Vehicle Weights and Dimensions	June 1989
	Stability and Control Characteristics of Straight Trucks and Truck Trailer Combinations.	J.R.Billing and C.P.Lam, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 1	June 1989
	Estimated Braking Efficiencies of Different Ontario Truck Configurations.	B.Hutchinson and D.J.Parker, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 1	June 1989
	Analysis of Publicly Available Data on Accidents Involving Heavy Vehicles.	D.Mason, F.R.Wilson and A.M.Stevens, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 1	June 1989

Subject Area	Document Title	Author or Source	Date
Safety			
	Equipment Related to Accidents Involving Heavy Truck Drivers in Quebec While Carrying Out Jobs Both On and Off the Road.	F.Ruest, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 1	June 1989
	The Analysis of Fleet Specific Accident Experience of Five Fleets Operating In Western Canada.	G.Sparks and A.Horosko, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 1	June 1989
	Commercial Vehicle Accidents: The Data Gathering Experience.	M.E.Wolkowicz, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 1	June 1989
	Important Heavy Vehicle Issues in the United States.	R.P.Landis, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 1	June 1989
	Use of Heavy Rigid Truck-Trailer-Combination Vehicles in Western Australia.	V.Johnston and A.O'Neill, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 1	June 1989
	Safety Experience of Large Trucks - An Analysis of Sample Size Requirements.	G.Sparks, A.T.Horosko and A.Smith, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 2	June 1989
	The Effect of Undercarriage Configuration on Tractor-Trailer Performance.	Y.Provencher, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 2	June 1989
	Truck Size and Weight Issues in Australia.	P.Sweatman, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 2	June 1989

Subject Area	Document Title	Author or Source	Date
Safety			
	The Economics of Road Train Operations in Australia.	J.Parnell, Proceedings of the Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol.2	June 1989
	The Canadian Agreement on Vehicle Weights and Dimensions.	J.Pearson, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 2	June 1989
	Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions: Volume 1 and Volume 2	Transportation Association of Canada	June 18-22, 1989
	Examination of Features proposed for Improving Truck Safety.	UMTRI	May 1989
	Safety Implications of Various Truck Configurations.	P.S. Fancher and A. Mathew, in UMTRI Research Review, Vol. 19, No.4; FHWA-RD-89-018	January/February 1989
	Effect of Load, Tire Pressure and Type on Flexible Pavement Response.	R.Bonaquist, C.Churilla and D.Freund, Transportation Research Record 1207, pp. 207-216	1988
	Gearing Up for Safety: Motor Carrier Safety in a Competitive Environment.	Congress of the United States, Office of Technology Assessment	1988
	Estimation of the Probability of Wheel Lockup.	R.D.Ervin and C.Winkler, in International Journal of Vehicle Design, Vol.9, No.4/5	1988
	Research into the Dynamic Performance of Heavy Trucks.	Engineering Research Division, UMTRI	1988

Subject Area	Document Title	Author or Source	Date
Safety			
	"Large Truck Braking at Signalized Intersections."	D.J.Parker and B.G.Hutchinson, Ontario Ministry of Transportation	December 1988
	Estimating the Full Economic Costs of Truck Incidents on Urban Freeways.	R.F.Teal, Institute of Transportation Studies, University of California	November 1988
	Reducing the Risk of Spillage in the Transportation of Chemical Wastes by Truck	R.D.Ervin and A.Mathew, UMTRI Report #UMTRI-88-28	July 1988
	Nuclear Waste Transport Using Overweight Truck and Heavy Rail Casks	L.A.Brentlinger and P.L. Hofmann, Battelle Project Management Division	June 1988
	Comparison of "All-Truck" and "Truck-Rail" Nuclear Waste Transport Modal Options.	L.A.Brentlinger and P.L. Hofmann, Battelle Project Management Division	May 1988
	Analysis of Accident Rates of Heavy-Duty Vehicles.	K.L.Campbell, D.F.Blower, R.G.Gattis and A.C.Wolfe, UMTRI Report #UMTRI-88-17	April 1988
	Commercial Vehicle Safety Program and Liberalizing the Legal Width Requirements on Appropriate Highways in New York State, Consistent with Highway Safety.	New York State DOT	March 1988
	European/Australian Experience with Antilock Braking Systems in Fleet Service.	P.S.Fancher, U.S.DOT, NHTSA Report #DOT-HS-807-269	March 1988
	Recommended Regulatory Principles for Interprovincial Heavy Vehicle Weights and Dimensions.	CCMTA/RTAC Vehicle Weights and Dimensions Study: Implementation Committee Report	1987

Subject Area	Document Title	Author or Source	Date
Safety			
	The Safety Experience of Large Trucks in Saskatchewan.	G.Sparks, J.Bielka, A.Smith, D.Marzolf and R.Neudorf, Saskatchewan Highways and Transportation and Transport Canada	1987
	Using a Vehicle Dynamics Handbook as a Tool for Improving the Steering and Braking Performances of Heavy Trucks.	P.S.Fancher and A.Mathew, SAE Special Publication #SP-699, Paper #870494	1987
	Safety Implications of Truck Configuration.	O.Carsten, Transportation Research Record 1111, pp. 17-26	1987
	Economic and Safety Consequences of Increased Truck Weights (Final Report).	A.H.Meyburg, A.J.Richardson, R.E.Schuler, R.A.Staly and P.F.Sweatman for NY DOT, Engineering R&D Bureau	December 1987
	Defective Equipment and Tractor-Trailer Crash Involvement.	I.S.Jones and H.S.Stein, Insurance Institute for Highway Safety	September 1987
	Safety Criteria for Longer Combination Vehicles.	H.D.Robertson, D.L.Harkey and S.E.Davis, U.S.DOT, FHWA Report #FHWA-RD-87-035	August 1987
	Safety Criteria for Longer Combination Vehicles	H.Douglas Robertson, David Harkey, Scott Davis for FHWA	August 1987
	Statistics of Truck Accidents: An Addendum to a Study of Longer and Wider Trucks on the Texas Highway System	T.Chira-Chavala and D.Burke, Texas Transportation Institute Report #397-4	August 1987
	A Vehicle Dynamics Handbook for Single-Unit and Articulated Heavy Trucks.	P.S.Fancher and A.Mathew, U.S.DOT, NHTSA Report #DOT-HS-807-185	May 1987

Subject Area	Document Title	Author or Source	Date
Safety			
	Specialized Procedures for Predicting the Accident-Avoidance Potential of Heavy Trucks.	P.S.Fancher and A.Mathew, Presented at 11th International Conference on Experimental Safety Vehicles, Washington, D.C.	May 1987
	Heavy Truck Safety Study.	R.M.Clarke, W.A.Leasure, Jr., R.W.Radlinski and M.Smith, U.S.DOT, NHTSA Report #DOT-HS-807-109	March 1987
	Braking Performance of Heavy U.S. Vehicles.	R.W.Radlinski, SAE Paper #870492	February 1987
	Big Trucks in New Jersey: From Crisis Management to Strategy.	M.L.Stout, Symposium on Geometric Design of Larger Trucks, Transportation Research Record 1052, pp. 15-16	1986
	TRB's Study of Twin-Trailer Trucks.	R.E.Skinner, J.Morris and S.Godwin, Symposium on Geometric Design for Larger Trucks, Transportation Research Record 1052, pp. 128-136	1986
	Large Vehicles and Roadside Safety Considerations.	J.D.Michie, Symposium on Geometric Design for Larger Trucks, Transportation Research Record 1052, pp. 90-95	1986
	Truck Accident Studies.	L.E.Jackson, Symposium on Geometric Design for Larger Trucks, Transportation Research Record 1052, pp. 137-145	1986
	Large-Truck Safety Research.	M.D.Freitas, Symposium on Geometric Design for Larger Trucks, Transportation Research Record 1052, pp. 151-156	1986
	Accident Data Needs for Truck Safety Issues.	H.W.McGee, Symposium on Geometric Design for Larger Trucks, Transportation Research Record 1052, pp. 146-150	1986

Subject Area	Document Title	Author or Source	Date
Safety			
	Heavy Truck Stability: Synthesis/Program Plan Development.	P.S.Fancher, et.al. UMTRI Report #UMTRI-86-3	1986
	Twin Trailer Trucks: Effects on Highways and Highway Safety.	Transportation Research Board Special Report 211	1986
	Safety of Large Trucks and the Geometric Design of Two-Lane, Two-Way Roads.	G.A.Donaldson, Symposium on Geometric Design for Larger Trucks, Transportation Research Record 1052, pp. 10-14	1986
	Swept Paths of Large Trucks in Right Turns of Small Radius.	J.R.Billing and W.R.Mercer, Symposium on Geometric Design for Large Trucks, Transportation Research Record 1052, pp. 116-119	1986
	Sight Distance Problems Related to Large Trucks.	P.S.Fancher, Symposium on Geometric Design for Larger Trucks, Transportation Research Record 1052, pp. 29-35	1986
	Operational and Safety Problems of Trucks in No-Passing Zones on Two-Lane Rural Highways.	S.Khasnabis, Symposium on Geometric Design for Larger Trucks, Transportation Research Record 1052, pp. 36-44	1986
	A Factbook of the Mechanical Properties of the Components for Single-Unit and Articulated Heavy Trucks	P.S.Fancher, R.D.Ervin, C.B.Winkler and T.D.Gillespie for NHTSA	December 1986
	Vehicle Weights and Dimensions Study: Technical Steering Committee Report.	J.R.Peterson, Road and Transportation Association of Canada	November 1986

Subject Area	Document Title	Author or Source	Date
Safety			
	The Influence of Weights and Dimensions on the Stability and Control of Heavy Duty Trucks in Canada: Final Report - Volume I Technical Report.	R.D.Ervin and Y.Guy, University of Michigan Transportation Research Institute Report #UMTRI-86-35	July 1986
	Stability Analysis of Liquid Tank Vehicle.	S.Sankar, S.Rakheja and R.N.Sabounghi, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 131-138	June 8-13, 1986
	Overview of the University of Michigan Transportation Research Institute Large-Truck Survey Program.	O.Carsten and K.L.Campbell, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 187-197	June 8-13, 1986
	On-the-Scene Study of Commercial Vehicle Accidents.	M.Wolkowicz, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 171-186	June 8-13, 1986
	The Australian Experience in Assessing the Economics of Road Vehicle Limits.	R.A.Pearson, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 409-420	June 8-13, 1986
	The Relationship Between a Truck Driver's Performance in a Personal Vehicle and a Large Truck.	S.B.Geissinger, P.F.Waller, J.R.Stewart, E.A.Rodgman and W.Reinfurt, Highway Safety Research Center, University of North Carolina, Report #HSRD-PR-145	June 1986
	Safety and Operational Impacts of 53-Foot Truck-Trailers in Michigan.	R.D.Ervin and T.D.Gillespie, UMTRI Report #86-13	March 25, 1986
	Large Truck Safety and Roadway Elements.	P.H.Wright, for Georgia DOT	November 1985

Subject Area	Document Title	Author or Source	Date
Safety			
	The Effects of Increased Truck Size and Weight in Illinois.	Illinois DOT	July 1, 1985
	Should Larger and Heavier Trucks Be Allowed on Australian Roads?	K.W.Dobinson and P.S.Prince, in Transport '85 National Conference Publications, Sydney, Australia	July 17-19, 1985
	An Overview of the Dynamic Performance Properties of Long Truck Combinations	R.D.Ervin, P.S.Fancher and T.D.Gillespie, UMTRI Report #UMTRI-84-26	July 1984
	Dynamic Behavior of the B-Type Converter Dolly.	R.L.Nisonger and R.D.Ervin for UMTRI	September 1983
	The Influence of Size and Weight Variables on the Roll Stability of Heavy Duty Trucks.	R.D.Ervin, SAE Paper #831163	August 1983
	Tests of a B-Train Converter Dolly.	J.R.Billing, W.R.Mercer, C.P.Lam, M.E.Wolkowicz and W.R.Stephenson for Ontario Ministry of Transportation and Communication	May 1983
	Road Tank Design: Its Influence on the Risk and Economic Aspects of Transporting Gasoline in Michigan.	C.Mallikarjunarao, Ph.D. Dissertation, University of Michigan	1982
	Rollover Tests of Double Trailer Combinations.	J.R.Billing, Ontario Ministry of Transportation and Communication	December 1982
	Factors Affecting the Skidding Performance of Trucks.	G.F.Hayhoe and C.G.Shapley, in Highway Truck Collision Analysis: Proceedings of the Winter Annual Meeting of ASME	November 1982

Subject Area	Document Title	Author or Source	Date
Safety			
	The Effects of Truck Size on Driver Behavior.	E.L.Seguin, K.W.Crowley, P.C.Harrison, Jr. and K.Perchonok, for U.S.DOT, Federal Highway Administration	March 1982
	An Assessment of Changes in Truck Dimensions on Highway Geometric Design Principles and Practices.	C.Michael Walton and Ogilvie Gericke, Center for Transportation Research, University of Texas at Austin, Report #241-2	June 1981
	Statistical Analysis of the National Crash Severity Study Data.	P.A.Gimotty, K.L.Campbell, T.Chirachavala, O.Carsten and J.O'Day, UMTRI Report #UMTRI-80-38	1980
	Analysis of the Directional Response Characteristics of Double Tankers.	C.Mallikarjunarao and P.S.Fancher, Society of Automotive Engineers Paper #781064	1978
	Ad Hoc Study of Certain Safety-Related Aspects of Double-Bottom Tankers.	R.D.Ervin, et.al., UMTRI Report #UMTRI-78-18	May 7, 1978
Shipper Costs			
	Effect of Truck Size and Weight Policy Options on Carrier and Shipper Productivity.	Oak Ridge National Laboratory, Center for Transportation Analysis, FHWA, DOE Project #1883-E089-A1	April 1, 1994
	"Managing Supply Chain Inventory: Pitfalls and Opportunities."	H.L.Lee and C.Billington, in Sloan Management Review, pp. 65-73	Spring 1992
	Evaluating Shipper-Related Productivity Gains to be Achieved from Authorizing Increased Truck Lengths and Gross Vehicle Weights.	Pennsylvania State University for FHWA	December 1991

Subject Area	Document Title	Author or Source	Date
Shipper Costs			
	"Freight Rate Structure and Optimal Shipment Size in Freight Transportation."	W.M.Abdelwahab and M.Sargious, in Logistics and Transportation Review, Vol.26, No.3, pp 271-292	1990
	"Firm Behavior and Operating Performance in Just-in-Time Logistics Channels."	J.H.Perry, Journal of Business Logistics, Vol.9, No.1, pp 19-33	1988
	"Reducing Logistics Costs at General Motors."	D.E.Blumenfeld, L.D.Burns, C.F.Daganzo, M.C.Frick and R.W.Hall, Interfaces, Vol.17, No. 1, pp 26-47	1987
	"NAFTA and Transportation: Implications for Canadian Shippers and Carriers."	B.E.Prentice, Transport Institute, University of Manitoba	
Stability and Control			
	Regulating Heavy Vehicle Safety in New Zealand Using Performance Standards.	J.Edgar, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Impact of European Size and Weight Policies on the Characteristics of Heavy Vehicles.	J.Aurell, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Path Compliance In Lane-Change Tests Designed To Evaluate Rearward Amplification.	J.Preston-Thomas, M.El-Gindy and J.Woodrooffe, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Stability in the Real World - Influence of Drivers and Actual Roads on Vehicle Stability Performance.	D.White, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995

Subject Area	Document Title	Author or Source	Date
Stability and Control			
	Standard Test Procedures for the Lateral Stability of Heavy Vehicle Combinations.	J.Aurell and C.B.Winkler, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Dedicated Simulations of Heavy Road Vehicles.	C.H.Verheul, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Efficiency Characteristics of Tractor-Semitrailers.	E.S.Fekpe, J.H.Woodrooffe and P.F.Sweatman, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Evaluation of Self-Steering Axles For Semi-Trailers.	G.Corbin, J.Grandbois and M.J.Richard, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Simulation Modeling and Performance Standards For Combination Vehicles.	S.McFarlane, P.Dovile and P.Sweatman, Proceedings of Fourth International Symposium on Heavy vehicle Weights and Dimensions	June 25-29, 1995
	"Truck Operating Characteristics Synthesis of Information."	P.S.Fancher and T.D.Gillespie, National Cooperative Highway Research Program, Project 20-5, Topic 22-12	1994
	A Feasibility Study to Determine the Safety Performance of A and C-Train Combination Vehicles.	Clayton, Sparks & Associates Ltd., for American Trucking Association Foundation	August 1994
	Canadian Truck Weight & Dimension Regulations Chart.	F.Nix	February 1994
	Notes on Implementation of Bicycle-Wheel Offtracking Model.	R.D.Mingo, unpublished programs and tables based on paper in TRR	1993

Subject Area	Document Title	Author or Source	Date
Stability and Control			
	"Performance-Based Measures of the Transportation-Productivity Linkage: Technical Memorandum on Phase 1: Preliminary Assessment of Relationships Between Measures of Highway Performance and Economic Productivity."	D.W.Jones, S.P.Miaou, R.Lee and S.Rickard, Oak Ridge National Laboratory	December 1993
	Heavy Truck Weight and Dimension Regulations for Interprovincial Operations in Canada.	Interjurisdictional Committee on Vehicle Weights and Dimensions, Transport Canada	September 1993
	"A Test for Evaluating the Rearward Amplification of Multi-Articulated Vehicles."	Society of Automotive Engineers Recommended Practice J2179	1992
	"A Tilt Table Procedure for Measuring the Static Rollover Threshold for Heavy Trucks."	Society of Automotive Engineers Recommended Practice J2180	1992
	Theoretical Analysis of Wandering of Commercial Vehicles on Damaged Road Surfaces.	M.Nagai and K.Koike, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 359-366	June 28-July 2, 1992
	Application of Handling and Roll Stability Performance Measures for Determining a Suitable Tractor Wheelbase.	J.H.Woodrooffe and M.El-Gindy, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 30-35	June 28-July 2, 1992
	A Rationale for Regulation Roll Stability of Combination Vehicles.	C.B.Winkler and P.S.Fancher, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 323-330	June 28-July 2, 1992
	A Discussion of Performance Standards for Configuration of Heavy Trucks.	J.R.Billing, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 278-283	June 28-July 2, 1992

Subject Area	Document Title	Author or Source	Date
Stability and Control			
	Quadratic Evaluation of the Stability Domain and Experimental Validation of the Dynamic Behavior of an Articulated Vehicle.	M.Khan, P.Bourassa, B.Marcos, G.Payre and S.Ratte, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 338-343	June 28-July 2, 1992
	Automation of Vehicle Dynamic Calculations.	P.Auzinsh, A.Janushevshis, J.Kolodjanzny and E.Lavendel, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 191-198	June 28-July 2, 1992
	A Methodology for Measuring Rearward Amplification.	P.S.Fancher and C.B.Winkler, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 352-358	June 28-July 2, 1992
	Truck Behavior on Highway Facilities.	J.J.Hajek and A.J.Ugge, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 418-422	June 28-July 2, 1992
	The Effect of Vehicle Length on Traffic on Canadian Two-Lane, Two-Way Roads.	D.Good, J.B.Robinson, G.Sparks and R.Newdorf for Transport Canada	1991
	The Crosswind Sensitivity of Unladen Doubles and Triples Combinations and Their Susceptibility to Wind-Induced Offtracking and Rollover.	C.C.MacAdam, in Proceedings for 12th IAUSD	1991
	Dynamical Simulation Methods For Evaluating Vehicle Configuration and Roadway Design.	J.Stoner, M.Bhatti, S.Kim, J.Bernard, Idelin Molinas Vega, C.Febres, B.Amhof, J.Koo, S.Stearns and N.Foster, Midwest Transportation Center, Iowa State University	July 1991
	"Increased Stability of Twin Trailers."	W.M.Slagle, in Total Vehicle Ride, Handling and Advanced Suspensions, SAE Publication SP-843	October 1990

Subject Area	Document Title	Author or Source	Date
Stability and Control			
	Low Speed Off Tracking of Multiple-Axle Road Vehicles.	E.C.Mikulcik and L.G.Jensen, SAE International Congress and Exposition, Detroit, Mi	March 1990
	Turner Truck Handling and Stability Properties Affecting Safety	Paul Fancher, Arind Mathew, Kenneth Campbell, Daniel Blower and C.Winkler for NCHRP,	July 1989
	Second International Symposium on Heavy Vehicle Weights and Dimensions: Volume 1 and Volume 2	Transportation Association of Canada	June 18-22, 1989
	Use of Heavy Rigid Truck-Trailer-Combination Vehicles in Western Australia.	V.Johnston and A.O'Neill, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 1	June 1989
	Stability and Control Characteristics of Straight Trucks and Truck Trailer Combinations.	J.R.Billing and C.P.Lam, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 1	June 1989
	Self Steering Axle Design and Application Considerations.	J.H.Woodrooffe, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 2	June 1989
	On The Stability of Heavy Articulated Liquid Tank Vehicles.	S.Sankar, S.Rakheja, R.Ranganathan and L.Sabounghi, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 2	June 1989
	The Effect of Undercarriage Configuration on Tractor-Trailer Performance.	Y.Provencher, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 2	June 1989

Subject Area	Document Title	Author or Source	Date
Stability and Control			
	The Economics of Road Train Operations in Australia.	J.Parnell, Proceedings of the Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol.2	June 1989
	The Canadian Agreement on Vehicle Weights and Dimensions.	J.Pearson, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 2	June 1989
	Truck Size and Weight Issues in Australia.	P.Sweatman, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 2	June 1989
	Research into the Dynamic Performance of Heavy Trucks.	Engineering Research Division, UMTRI	1988
	Recommended Regulatory Principles for Interprovincial Heavy Vehicle Weights and Dimensions.	CCMTA/RTAC Vehicle Weights and Dimensions Study: Implementation Committee Report	1987
	Improving the Dynamic Performance of MultiTrailer Vehicles: A Study of Innovative Dollies - Volume I, Technical Report.	C.B.Winkler, P.S.Fancher, O.Carsten and Dill P. Mathew U.S.DOT, FHWA Report #FHWA/RD-86-161	December 1987
	Fleet Experience of the Prototype Controlled Steering B-Dolly.	A.Mathew, C.B.Winkler, P.Fancher and P.Dill, UMTRI Report #UMTRI-87-43	December 1987
	Front Axle Placement in Heavy Duty Truck Development: The Effect on Vehicle Performance Characteristics.	B.Klingenberg, SAE Technical Paper Series, Truck and Bus Meeting and Exposition	November 16-19, 1987

Subject Area	Document Title	Author or Source	Date
Stability and Control			
	An Analytical Comparison of the Dynamic Performance of a European Heavy Vehicle and a Generic U.S. Heavy Vehicle	T.D.Gillespie and L.Balderas, U.S.DOT, NHTSA Report #DOT-HS-807-187	August 1987
	Axioms Relating Size and Weight Constraints to the Response of Trailers in Combination Trucks.	R.D.Ervin and Y.Guy, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, Kelowna, B.C., Canada	1986
	A Factbook of the Mechanical Properties of the Components for Single-Unit and Articulated Heavy Trucks.	P.S.Fancher, R.D.Ervin, C.B.Winkler and T.D.Gillespie, U.S.DOT, NHTSA Report #DOT-HS-807-125	December 1986
	Influence of Size and Weight Variables on the Stability and Control Properties of Heavy Trucks.	R.D. Ervin, R.L.Nisonger, C.C.MacAdam and P.S.Fanch, U.S.DOT, FHWA Report #FHWA-RD-83-029	July 1986
	The Influence of Weights and Dimensions on the Stability and Control of Heavy Duty Trucks in Canada: Final Report - Volume I Technical Report.	R.D.Ervin and Y.Guy, University of Michigan Transportation Research Institute Report #UMTRI-86-35	July 1986
	Innovative Dollies: Improving the Dynamic Performance of Multi-Trailer Vehicles.	C.B.Winkler, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 289-314	June 8-13, 1986
	Comparison of Simulation and Test Results for Various Truck Combination Configurations.	C.P.Lam, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 315-336	June 8-13, 1986
	Investigating Articulated Vehicle Roll Stability Using a Tilt Table Device.	G.Delisle, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 271-276	June 8-13, 1986

Subject Area	Document Title	Author or Source	Date
Stability and Control			
	Axioms Relating Truck Size and Weight to Vehicle Controllability.	R.D.Ervin and Y.Guy, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 83-100	June 8-13, 1986
	The Australian Experience in Assessing the Economics of Road Vehicle Limits.	R.A.Pearson, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 409-420	June 8-13, 1986
	Heavy Truck Testing for the Canadian Vehicle Weights and Dimensions Study.	J.R.Billing, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 101-130	June 8-13, 1986
	Demonstration of Baseline Vehicle Performance: B-Train Double, C-Train Double, A-Train Triple, and C-Train Triple.	J.R.Billing and W.R.Mercer, for CCMTA/RTAC Vehicle Weights and Dimensions Study	June 1986
	An Overview of the Dynamic Performance Properties of Long Truck Combinations	R.D.Ervin, P.S.Fancher and T.D.Gillespie for UMTRI	July 1984
	Characteristics of Truck Combinations with the Double Drawbar Dolly.	J.H.F. Woodrooffe and J.R.Billing, Roads and Transportation Association of Canada Research	1983
	Dynamic Benavior of the B-Type Converter Dolly.	R.L.Nisonger and R.D.Ervin for UMTRI	September 1983
	The Influence of Size and Weight Variables on the Roll Stability of Heavy Duty Trucks.	R.D.Ervin, SAE Paper #831163	August 1983
	Parametric Analysis of Heavy-Duty Truck Dynamic Stability.	C.B.Winkler, P.S.Fancher and C.C.MacAdam, UMTRI Report #UMTRI-83-13	March 1983

Subject Area	Document Title	Author or Source	Date
Stability and Control			
	"Rollover Tests of Double Trailer Combinations."	J.R.Billing, Ontario Ministry of Transportation and Communication	December 1982
	Roll Response of Articulated Motor Trucks During Steady-Turning Maneuvers.	C.Mallikarjunarao, R.D.Ervin and L.Segel, Proceedings, 103rd Winter Annual Meeting of the American Society of Mechanical Engineers	November 1982
	Analysis of the Directional Response Characteristics of Double Tankers.	C.Mallikarjunarao and P.S.Fancher, Society of Automotive Engineers Paper #781064	1978
Traffic Operations			
	Modeling the Effects of Traffic Congestion on JIT.	K.Rao and W.L.Grenoble, International Journal of Physical Distribution and Logistics Management	In press
	Vehicle Size and Weight Limits - Attempts Towards Legislative Harmonization Within the European Union.	R.Missen, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Characteristics of Heavy Traffic on Various French Roads.	D.Pillot, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Impacts of Increased Goods Vehicle Weight Limits - A European Case Study.	B.A.Frith, C.G.Mitchell and W.H.Newton, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Investigation Into the Feasibility of Heavy Transport Routes in New Zealand.	L.Sleath, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995

Subject Area	Document Title	Author or Source	Date
Traffic Operations			
	Truck Length and Weight Issues: Passing and Turning at Intersections.	P.Fancher, Z.Bareket and M.Russo, at Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Lessons Learned From the HELP Crescent Field Evaluation.	J.Booth and T.Faciane, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Research and New Technologies.	B.K.Partridge, Proceedings of the 81st Annual Road School, pp 1-19	Feb. 28-March 2, 1995
	INDOT-FHWA-HERPICC Technology Transfer for Improved Implementation.	T.E.Nantung and D.G.Johnson, Proceedings of the 81st Annual Road School, pp 94-95	Feb. 28-March 2, 1995
	Curbing Gridlock: Peak-Period Fees To Relieve Traffic Congestion.	Transportation Research Board Special Report 242	1994
	Proceedings of the Second International Symposium on Highway Capacity: Volume 1.	R.Akcelik, ed. For Australian Road Research Board Ltd. And Transportation Research Board Committee A3A10	August 1994
	LCV's Cause 10 to 12 times More Congestion per Mile Than Auto.	L.Lee Lane, in Policy Reporter, Vol.1, No.6	September 15, 1994
	The Productivity Effects of Truck Size and Weight Policies.	D.P.Middendorf and M.S.Bronzini for U.S.DOT/FHWA	September 1994
	Impacts of Canada's Heavy Vehicle Weights and Dimensions Research and Interprovincial Agreement: Final Report.	IBI Group and ADI for Transportation Association of Canada and Canadian Trucking Research Institute	June 1994

Subject Area	Document Title	Author or Source	Date
Traffic Operations			
	Intermodal Container Data Needed.	Battelle for FHWA	May 16, 1994
	Assessing the Impact on Montana's Highways of Adopting Canadian Truck Weight and Size Limits.	J.E.Stephens, University of Montana for Montana DOT	May 1994
	Heavy Vehicle Weights and Dimensions Background Documentation: Comparison of Weight and Dimension Regulations.	North American Free Trade Agreement Land Transportation Working Group	February 1994
	Truck Restriction Evaluation: The Puget Sound Experience.	F.L.Mannering, J.L.Koehne and J.Araucto, Washington DOT, Report #WA-RD-307.1	August 1993
	Heavy Load Vehicle Routing Using Highway Network Models and Bridge Load Formula.	R.A.Osegueda and J.S.Noel, Texas DOT Report FHWA/TX-92-1266-3	July 1993
	The Impact of Heavier Vehicle Weight Limits on the Transloading of Ocean Containers.	K.Rao and R.Young, International Journal of Physical Distribution and Logistics Management, Vol.22, No.7, pp. 25-34	1992
	Intermodal Freight Transportation: Combined Rail-Truck Service Offers Public Benefits, but Challenges Remain.	US General Accounting Office, Report No. GAO/RCED-93-16	December 1992
	WIM and Dynamic Loading on Pavements.	M.S.Huhtala, J.T.Pihlajamak and P.A.Halonen, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 272-277	June 28-July 2, 1992
	Use of a capacitative Mat for the Dynamic Weighing of Vehicles in Normal Traffic.	A.De Henau, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 387-392	June 28-July 2, 1992

Subject Area	Document Title	Author or Source	Date
Traffic Operations			
	Hestia Station - Second Generation Traffic Classification and Weigh-in-Motion Using Piezo-Electric Sensors.	C.Maeder, M.Nicolle and A.Boughaba, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 371-376	June 28-July 2, 1992
	Installing Weight Monitoring Devices in Flexible Pavements - The New Zealand Experience.	L.Sleath and D.Wanty, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 393-400	June 28-July 2, 1992
	LTPP Traffic Database and Its Potential Impacts on Future Pavement Design.	N.Hawks, H.K.Gupta and J.German, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 401-408	June 28-July 2, 1992
	Value of a SHARP Traffic Analysis for Highway Companies: The Experience of SAPRR.	P.Fabre and C.Maeder, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 429-433	June 28-July 2, 1992
	Truck Weight and Dimension Regulations and Container Standards.	F.P.Nix, J.R.Billing and A.M.Clayton, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 15-20	June 28-July 2, 1992
	High Speed Weigh-in-Motion Systems and Applications.	M.J.Dalgleish, A.Mole and P.Mills, Heavy Vehicles and Roads: Technology, Safety and Policy, pp. 381-386	June 28-July 2, 1992
	An Examination of the Indicators of Congestion Level.	Proceedings of Third International Symposium on Heavy Vehicle Weights and Dimensions, Cambridge Conference	June 1992
	Modeling the Demand for Freight Transport: A New Approach.	W.M.Abdelwahab and M.Sargious, in Journal of Transport Economics and Policy, pp. 49-69	January 1992
	Traffic Congestion and JIT.	K.Roa, W.L.Grenoble and R.R.Young, Journal of Business Logistics, Vol.12, No.1, pp. 105-120	1991

Subject Area	Document Title	Author or Source	Date
Traffic Operations			
	Managing Traffic To Reduce Environmental Damage.	P.B.Goodwin, in Freight Transport and the Environment, M.Kroon, R.Smith and J.van Ham, eds., pp. 103-127	1991
	"Travel-Time Costs of Increased Truck Travel on Rural Interstate Highways."	Mingo and Associates for Intermodal Policy Division of Association of American Railroads	November 1991
	Traffic Load Forecasting for Pavement Design.	A.J.Vlatas and G.B.Dresser, Texas Transportation Institute, Texas A&M, Report #FHWA/TX-91/1235-1	June 1991
	"Easing Highway Congestion."	The Journal of Commerce	March 5, 1991
	On the Use of Liftable Axles by Heavy Trucks.	J.Billing, F.Nix, M.Boucher and B.Raney, 70th Annual Meeting, Transportation Research Board Report #910504	January 1991
	Truck Weight Limits: Issues and Options.	Transportation Research Board Special Report 225	1990
	Operational Considerations Relating to Long Trucks in Rural Areas.	M.W.Truby, D.D.Hoagland, P.H.DeCabooter, C.E.Solberg and W.L.Ristau, Transportation Research Record 1256, pp. 7-15	1990
	Heavy Vehicle Performance on Grade and Climbing Lane Criteria.	A.M.Khan, J.Y.Wong and M.Rastogi, for Ontario Ministry of Transportation, R&D Branch, Report #TDS-90-11	November 1990
	Overweight Truck Cask Systems Development Policy Options.	Battelle, Office of Transportation Systems and Planning	July 1990

Subject Area	Document Title	Author or Source	Date
Traffic Operations			
	Development of an Anti-Jackknifing System for Tractor Semitrailers: Feasibility Study; Phase 1, Stage 2.	James E. Pickard and Suanne L.Dorion, TES Limited	May 1990
	Urban Freeway Gridlock Study: Reducing the Impacts of Large Trucks on Peak-Period Urban Freeway Congestion.	L.R.Grenzeback, W.R.Reilly, P.O.Roberts and J.R.Stowers, 69th Annual Meeting of Transportation Research Board, Report #890681	January 7-11, 1990
	"Oklahoma's Special Combination Vehicle Demonstration Program, Progress Report," Volume 3.	Western Highway Institute, Oklahoma Trucking Industry Self-Funded Research & Development Program	December 1989
	Traffic Congestion: Trends, Measures, and Effects.	Report to the Chairman, Subcommittee on Transportation and Related Agencies, Committee on Appropriations, U.S. Senate, GAO/PEMD-90-1	November 1989
	Recommended Legal Weight and Overweight Truck Speed for Estimating Costs for Spent Nuclear Fuel and High-Level Nuclear Waste Shipments.	L.A.Brentlinger, P.L.Hofmann and R.W.Peterson, Battelle	November 1989
	Self-Steering Axles: Theory and Practice.	P.A.LeBlanc, M.El-Gindy and J.H.Woodrooffe, SAE Technical Paper 891633	August 1989
	Development of Design and Operational Guidelines for the C-Converter Dolly.	J.H.Woodrooffe, P.A.LeBlanc and M.El-Gindy, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 1	June 1989
	Impact of Heavy Vehicles on Saskatchewan's Low Strength Roads.	R.Barton, B.Churko, E.Hopkin and E.Wilson, Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 1	June 1989

Subject Area	Document Title	Author or Source	Date
Traffic Operations			
	Integrated Technologies for Managing Heavy Vehicles on Highways.	C.M.Walton and B.H.Jones, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 2	June 1989
	Research and Development Opportunities for Advancing Highway Freight Transport Technologies.	S.Vespa, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 2	June 1989
	The Alberta WIM/AVI Interface Demonstration.	A.Lo and J.Lowe, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 2	June 1989
	Analysis of Traffic Operations for the Movement of Very Large Vehicles on the High-Wide Corridor Between Edmonton and Ft. McMurray.	J.Morrall and A.Werner, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 2	June 1989
	Analysis of Port Import/Export Reporting Service (Piers) Data to Reveal Potentially Overweight Container Movements On America's Highways.	Transportation Studies Division, Federal Highway Administration	March 20, 1989
	Manual on Uniform Traffic Control Devices.	US DOT, Federal Highway Administration	1988
	Effect of Load, Tire Pressure and Type on Flexible Pavement Response.	R.Bonaquist, C.Churilla and D.Freund, Transportation Research Record 1207, pp. 207-216	1988
	Impact of Heavy Trucks on Delaware Highways.	R.Nicholls, Delaware Transportation Center, University of Delaware Report #DTC-88-01	November 1988

Subject Area	Document Title	Author or Source	Date
Traffic Operations			
	Estimating the Full Economic Costs of Truck Incidents on Urban Freeways.	R.F.Teal, Institute of Transportation Studies, University of California	November 1988
	Highway Management Considerations, Volume 4.	Western Highway Institute, Oklahoma Trucking Industry Self-Funded Research & Development Program	July 1988
	Reducing the Risk of Spillage in the Transportation of Chemical Wastes by Truck	R.D.Ervin and A.Mathew, UMTRI Report #UMTRI-88-28	July 1988
	Analysis of Heavy-Duty Truck Use in Urban Areas.	D.Blower and K.Campbell, University of Michigan Transportation Research Institute, Report #UMTRI-88-31	June 30, 1988
	"Comparison of "All-Truck" and "Truck-Rail" Nuclear Waste Transport Modal Options."	L.A.Brentlinger and P.L. Hofmann, Battelle Project Management Division	May 1988
	"Impacts and Effectiveness of Freeway Truck Lane Restrictions."	Sompong Sirisoponsilp and Paul Schonfeld, Maryland DOT	February 1988
	"The Wyoming Weight Study: Increasing the Gross Vehicle Weights on Wyoming Highways."	Highway Planning Branch, Wyoming State Highway Dept.	January 1988
	Analysis of Truck Traffic Between 1977 and 1983.	D.R.Middleton, J.M.Mason, T.Chira-Chavala and H.S.Nassiri, Texas Transportation Institute Report #420-2	May 1987
	Findings of the Longer Combination Vehicle Study	J..W.March, Symposium on Geometric Design for Larger Trucks, Transportation Research Record 1052, pp. 157-161	1986

Subject Area	Document Title	Author or Source	Date
Traffic Operations			
	National Network for Trucks: Development, Performance, and Outlook.	J.P.Eicher, T.E.Klimek and S.G.Strickland, Symposium on Geometric Design for Larger Trucks, Transportation Research Record 1052, pp. 2-5	1986
	Traffic Control Device Problems Associated with Large Trucks.	D.J.Schorr, Symposium on Geometric Design for Larger Trucks, Transportation Research Record 1052, pp. 102-106	1986
	Expected Performance of Longer Combination Vehicles on Highway Grades.	K.N.Safwat and C.M.Walton, in Symposium on Geometric Design for Large Trucks, Transportation Research Record 1502, pp. 63-77	1986
	Start-Up Accelerations of Heavy Trucks on Grades.	T.D.Gillespie, Symposium on Geometric Design for Larger Trucks, Transportation Research Record 1052, pp. 107-112	1986
	Big Trucks in New Jersey: From Crisis Management to Strategy.	M.L.Stout, Symposium on Geometric Design of Larger Trucks, Transportation Research Record 1052, pp. 15-16	1986
	TRB's Study of Twin-Trailer Trucks.	R.E.Skinner, J.Morris and S.Godwin, Symposium on Geometric Design for Larger Trucks, Transportation Research Record 1052, pp. 128-136	1986
	Vehicle Weights and Dimensions Study: Technical Steering Committee Report.	J.R.Peterson, Road and Transportation Association of Canada	November 1986
	Investigation of a Comprehensive Truck Weight Data Collection Plan Using Low Cost Permanent and Portable Weigh-in-Motion Equipment.	M.E.Hallenbeck and C.Carlson, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 233-240	June 8-13, 1986

Subject Area	Document Title	Author or Source	Date
Traffic Operations			
	Effect of Nationwide Introduction of Twin Trailer Trucks in the U.S.	J.R. Morris and R.E.Skinner, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 197-206	June 8-13, 1986
	Highway Capacity Manual	Transportation Research Board Special Report 209	1985
	Overlength Truck Combinations Report: A Traffic Operation and Performance Evaluation of Overlength Truck Combinations.	Transportation Safety Branch, Alberta Transportation Report #ABTR/RD/RR-85/07	December 1985
	"Impact Analysis of Truck Length and Width Increase on Virginia Roads."	Virginia Dept. of Highways and Transportation	January 17, 1985
	Lateral Placement of Trucks in Highway Lanes.	C.E.Lee, P.R.Shankar, and B.Izadmehr, Center for Transportation Research, University of Texas at Austin, Research Report #310-1F	November 1983
	Road Tank Design: Its Influence on the Risk and Economic Aspects of Transporting Gasoline in Michigan.	C.Mallikarjunarao, Ph.D. Dissertation, University of Michigan	1982
	"Economic Impacts of Eliminating the Grandfather Clause."	Jack Faucett Associates, for Federal Highway Administration	February 18, 1981
	Changes in Legal Vehicle Weights and Dimensions. Some Economic Effects on Highways.	R.E.Whiteside, Y.C.Ting, J.C.Cosby, R.L.Whitaker and R.Winfrey, National Cooperative Highway Research Program Report #141	1973
	Truck Traffic in Laredo, Texas -- A Case Study of Issues and Remedies.	Center for Transportation Research	

Subject Area	Document Title	Author or Source	Date
Truck Costs			
	The Influence of Size and Weight Policy on Truck Design	G.Hu, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Redesigning Rail-Truck Intermodal Drayage Operations for Enhanced Service and Cost Performance.	E.K.Morlok and L.N.Spasovic, in Journal of the Transportation Research Forum, Vol.34, No.1, pp. 16-31	1994
	"Operating Costs of Trucks in Canada, 1993."	Trimac Consulting Services, for Transport Canada	1994
	Economic Impact of Introducing Longer Trailers in Ontario.	J.M.Bowland and R.G.Friend, Proceedings of the CTRF Annual Conference	May 1994
	Truckers Embrace Line-Haul Savings, Seek Greater Flexibility In Use of Intermodal.	J.D.Schulz, in Traffic World	April 18, 1994
	"Truck Operating Costs in Canada (1993 and 1992)."	TRIMAC Consulting Services, for Transport Canada	1993
	Economic Impact of Introducing 53' Semi-Trailers and 25 Metre B-Trains in Ontario.	J.M.Bowland, H.J.Eckler, R.G.Friend, D.A.McKnight and D.B.Toms for Ontario Ministry of Transportation	January 1993
	The Effects of LTL Motor Carrier Size on Strategy and Performance.	T.M.Corsi, C.Grimm and K.Smith, in Logistics and Transportation Review, Vol.28, No.2, pp 129-145	1992

Subject Area	Document Title	Author or Source	Date
Truck Costs			
	"Operating Costs of Trucks in Canada 1992" (Electronic Book Browse).	TRIMAC Consulting Services, Transport Canada	1992
	The Effect of Size and Weight Limits on Truck Costs.	Jack Faucett Associates with SYDEC, Inc., FHWA, U.S.DOT	October 1991
	Effects of Alternative Fuels on the U.S. Trucking Industry.	B.Ritchey, W.Sheppard, M.Murphy, D.Russell, J.Francis, A.Turanski, J.Hoess and R.Schmelz for ATA Foundation, Trucking Research Institute	November 1990
	The Benefits of 62.5 Tonne, 25 m B Trains in Alberta.	T.Fredericks, Proceedings of the Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol.2	June 1989
	Economics of Vehicle Weights and Dimensions in Canada.	L.Sims and N.A.Irwin, Proceedings of the Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol.2	June 1989
	The Economic Benefits of Long Combination Vehicle Operations.	M.Rice, Proceedings of the Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol.2	June 1989
	Some Evidence of the Trade-Off Between Truck Operating Costs and Pavement Damage Costs.	B.Hutchinson, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol.2	June 1989
	The Truck Blue Book.	National Market Reports, Inc.	1988

Subject Area	Document Title	Author or Source	Date
Truck Costs			
	Equipment Productivity, Volume 5.	Western Highway Institute, Oklahoma Trucking Industry Self-Funded Research & Development Program	July 1988
	Building Construction Cost Data: 1988.	R.S. Means, Inc.	1987
	Economic and Safety Consequences of Increased Truck Weights (Final Report).	A.H.Meyburg, A.J.Richardson, R.E.Schuler, R.A.Staly and P.F.Sweatman for NY DOT, Engineering R&D Bureau	December 1987
	Economic Issues Related to the Proposed Changes in Vehicle Weights and Dimensions Regulations for Interprovincial Trucking.	IBI Group for Roads and Transportation Association of Canada	December 1987
	Economics of Truck Sizes and Weights in Canada.	N.A.Irwin and R.A.Barton, Council on Highway and Transportation Research and Development and the Roads and Transportation Association of Canada	July 1987
	Trucking Regulations: Price Competition and Market Structure in the Trucking Industry.	US General Accounting Office, Report No. GAO/RCED-87-16	February 1987
	The Effect of Ontario's Weight Regulations on Commercial Vehicle Design.	A.C.Agarwal and J.R.Billing, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 209-224	June 8-13, 1986
	Analyses of Moving Dynamic Loads on Highway Pavements: Part I -- Vehicle Response.	S.O'Connell, E.Abbo and K.Hedrick, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 363-380	June 8-13, 1986

Subject Area	Document Title	Author or Source	Date
Truck Costs			
	Estimating the Benefits of Increased Gross Vehicle Weights.	G.Halls, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 421-428	June 8-13, 1986
	The Impact of Gross Vehicle Weights on Line-Haul Trucking Costs: 1981 and 1985.	R.T.Selva and R.W.Kolins, American Trucking Associations Inc. Report #TSW-81-3	1981
	General Freight Common Carrier Productivity and The Liberalization of Truck Size and Weight Statutes.	R.W.Kolins, American Trucking Associations Inc. Report #TSW-81-4	1981
	Economics of the Maximum Limits of Motor Vehicle Dimensions and Weights. Volume 1.	R.Winfrey, U.S.DOT, FHWA Report #FHWA-RD-73-69	September 1968
	Economics of the Maximum Limits of Motor Vehicle Dimensions and Weights. Volume 2.	R.Winfrey, U.S.DOT, FHWA Report #FHWA-RD-73-70	September 1968
Truck Travel and Mode Share			
	Highway Freight Flow Assignment in Massachusetts Using Geographic Information Systems	Venkatesh Krishman and Kathleen Hancock, University of Massachusetts at Amherst	November 1997
	Data Users Conference on the Commodity Flow Survey	Report of the Conference, U.S. Bureau of the Census	July 1997
	Transport Flows in the State of Indiana: Commodity Database Development and Traffic Assignment	Transportation Research Center, Indiana University	July 15, 1997
	1996 Food Distributors International Warehouse Productivity Analysis	Food Distributors International (NAWGA), **Copyrighted and Proprietary**	1996

Subject Area	Document Title	Author or Source	Date
Truck Travel and Mode Share			
	"U.S. Economic Outlook."	Christopher J. Probyn, in Domestic Transportation Outlook Conference Papers and Presentations, DRI/McGraw-Hill Conference & Forum Series	October 9, 1996
	"Transportation Outlook."	Jill Thompson, in Domestic Transportation Outlook Conference Papers and Presentations, DRI/McGraw-Hill Conference & Forum Series	October 9, 1996
	"The North American Light Vehicle Outlook."	Kurt Brown, in Domestic Transportation Outlook Conference Papers and Presentations, DRI/McGraw-Hill Conference & Forum Series	October 9, 1996
	"The Pulse of Intermodal Shipping Plus Regional and Shortline Activity."	Gregory Clute, Mercer Management Consulting, in Domestic Transportation Outlook Conference Papers and Presentations, DRI/McGraw-Hill Conference & Forum Series	October 9, 1996
	"Trucking vs. Railroads–Recent and Prospective Trends in Credit Quality."	Robert Schulz, Standard & Poor's, in Domestic Transportation Outlook Conference Papers and Presentations, DRI/McGraw-Hill Conference & Forum Series	October 9, 1996
	"Hunting for the Key to Growth."	Cynthia Latta, in Domestic Transportation Outlook Conference Papers and Presentations, DRI/McGraw-Hill Conference & Forum Series	October 9, 1996
	"The Mexican Outlook."	Francisco Larios, in Domestic Transportation Outlook Conference Papers and Presentations, DRI/McGraw-Hill Conference & Forum Series	October 9, 1996
	"The Implications of NAFTA for the U.S. Transportation Industry."	Patricia Flynn, Tower Group International, in Domestic Transportation Outlook Conference Papers and Presentations, DRI/McGraw-Hill Conference & Forum Series	October 9, 1996
Truck Travel and Mode Share			

Subject Area	Document Title	Author or Source	Date
	"Introducing the DRI Multi-Client Study: Freight Transportation in the 21st Century."	Clair Asklund, in Domestic Transportation Outlook Conference Papers and Presentations, DRI/McGraw-Hill Conference & Forum Series	October 9, 1996
	"Logistics Analysis for Carriers and Shippers."	One-week seminar, Executive Program in Transportation, Center for Transportation Studies, MIT	July 22-26, 1996
	User Guide for the 1995 Surface Transportation Board Waybill Sample	Association of American Railroads, Policy, Legislation & Economics Department	July 15, 1996
	Quick Response Freight Manual	Cambridge Systematics, Inc. For FHWA	February 23, 1996
	1993 Commodity Flow Survey	U.S.Bureau of Census	1995
	Commodity Flow Survey Routing Documentation	Oak Ridge National Laboratory	December 6, 1995
	NAFTA And Its Impact On Trucking And Highways in North America	R.Welke, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	The Influence of Size and Weight Policy on Truck Design	G.Hu, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	The Economic Effects of the U.S. 1991 Size and Weight Freeze: Case Studies.	S.D.Nichols, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Trucking Under the NAFTA: Size and Weight Options.	A.Clayton and F.Nix, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995

Subject Area	Document Title	Author or Source	Date
Truck Travel and Mode Share			
	Highway Networks for the ATS (American Travel Survey)	Bruce Peterson, Oak Ridge National Laboratory	June 19, 1995
	Economic Analysis for Engineers/Supervisors.	M.G.Karlaftis, Proceedings of the 81st Annual Road School, pp. 20-36	Feb. 28-March 2, 1995
	Indiana's Intermodal Management System.	S.C.Smith, Proceedings of the 81st Annual Road School, pp. 96-100	Feb. 28-March 2, 1995
	Redesigning Rail-Truck Intermodal Drayage Operations for Enhanced Service and Cost Performance.	E.K.Morlok and L.N.Spasovic, in Journal of the Transportation Research Forum, Vol.34, No.1, pp 16-31	1994
	Model for Trucking Productivity Analysis of Alternative Weight Limits.	A.Clayton and E.Fekpe in Proceedings IRF Regional Meeting, Calgary, Vol.5, pp.15-25	1994
	Economic Impact Study: Bulk Commodity Program.	ADI Ltd. For Saskatchewan Dept. of Highways and Transportation	1994
	Increasing Transportation Efficiency in Saskatchewan with Specialized Trucking Programs.	Godwin, Grant, Davies, Tom and Greg Gilks, 1994 International Road Federation Conference, Calgary, Canada	1994
	The Productivity Effects of Truck Size and Weight Policies	David P. Middendorf and Michael Bronzini, for Federal Highway Administration	November 1994
	Private Trucking Industry Size Study: Task 2 Report - Feasibility of Data Acquisition from Private Carriers.	National Private Truck Council	October 1, 1994
	Toward a National Intermodal Transportation System.	A.D.Aylward, S.K.Bushue and C.Gowen, National Commission on Intermodal Transportation	September 1994

Subject Area	Document Title	Author or Source	Date
Truck Travel and Mode Share			
	For-Hire Trucking Industry Size Study: Task D Report - Feasibility of Data Acquisition from For-Hire Carriers.	Trucking Research Institute, American Trucking Associations	September 30, 1994
	Can We Afford the Driver Shortage?	H.Richardson, Transportation and Distribution, pp. 30-34	August 1994
	For-Hire Trucking Industry Size Study: Task C Report - Define Methods and Data To Implement The Measures: Background Issues.	Trucking Research Institute, American Trucking Associations	August 26, 1994
	Maximum Weights and Dimensions of Road Vehicles.	Select Committee of the European Community, 17th Report, Session 1993-94, House of Lords Paper	July 26, 1994
	Economic Impact of Introducing Longer Trailers in Ontario.	J.M.Bowland and R.G.Friend, Proceedings of the CTRF Annual Conference	May 1994
	Effect of Truck Size and Weight Policy Options on Carrier and Shipper Productivity.	Oak Ridge National Laboratory, Center for Transportation Analysis, FHWA, DOE Project #1883-E089-A1	April 1, 1994
	An Analysis of Canadian Rail Movements to the United States Using the 1992 Public Use Waybill Sample.	J.Fruin and D.Halbach, University of Minnesota, Dept. of Agriculture and Applied Economics	March 1994
	Intermodal Freight: An Industry Overview.	B.Norris, U.S.DOT, FHWA Report #PM-42-BBN1	March 1994
	Directory of Freight Station Accounting Codes	Association of American Railroads, Economics and Finance Department, **Copyrighted**	March 12, 1994

Subject Area	Document Title	Author or Source	Date
Truck Travel and Mode Share			
	Performance-Based Measures of the Transportation-Productivity Linkage,Technical Memorandum on Phase 1: Preliminary Assessment of Relationships Between Measures of Highway Performance and Economic Productivity.	D.W.Jones, S.P.Miaou, R.Lee and S.Rickard, Oak Ridge National Laboratory	December 1993
	Final Technical Report for Task A: Truck Loads and Flows.	M.E.Halenbeck and Soon-Gwam Kim, Wa DOT Report #WA-RD-320.3	November 1993
	Essays on the Economic Performance of U.S. Freight Railroads Under Deregulation	Gerard J. McCullough	November 1993
	Summary of Truck Loading Patterns in Washington State	M.E.Hallenbeck and Soon-Gwam Kim, Washington DOT Report #WA-RD-314.1	September 1993
	Truck Restriction Evaluation: The Puget Sound Experience.	F.L.Mannering, J.L.Koehne and J.Araucto, Washington DOT, Report #WA-RD-307.1	August 1993
	Heavy Load Vehicle Routing Using Highway Network Models and Bridge Load Formula.	R.A.Osegueda and J.S.Noel, Texas DOT Report FHWA/TX-92-1266-3	July 1993
	1990 Nationwide Truck Activity and Commodity, Survey Selected Tabulations	Oak Ridge National Laboratory for FHWA	June 1993
	A Review of National Domestic Freight Policy.	American Association of State Highway and Transportation Officials	February 1993

Subject Area	Document Title	Author or Source	Date
Truck Travel and Mode Share			
	How Can Railroads Recapture Lost Market Share?	H.W.German and M.W.Babcock, Journal of the Transportation Research Forum, Vol.32, No.2, pp 355-368	1992
	Electronic Book Browse of Operating Costs of Trucks in Canada, 1992 Report	Trimac Consulting Services, Calgary, Alberta for Transport Canada	1992
	Motor Carrier Transport Study: The Impact of Weight and Dimension Regulations on Trucking.	F.P.Nix for National Transportation Act Review Commission, Ottawa, Canada	July 23, 1992
	Concepts of Price Elasticities of Transport Demand and Recent Empirical Estimates.	T.H.Oum, W.G.Waters II and J.S.Yong, Journal of Transport Economics, and Policy, pp 139-154	May 1992
	How Can Railroads Recapture Lost Market Share ?	H.Wade German and Michael Babcock, In Journal of the Transportation Research Forum, Vol 32, No.2	January 1992
	Economic Impacts of Petroleum Shortages and Implications for the Freight Transportation Industry.	"Freight Transport and The Environment," Transportation Research Record 870	1991
	Prospects for a Shift in Modal Split.	P.M.Blok, in Freight Transport and the Envirionment, M.Kroon, R.Smith and J.van Ham, eds. pp. 131-140	1991
	Middlewest Motor Freight Bureau Costing/Pricing System	Middlewest Motor Freight Bureau, Kansas City, Mo.	1991
	Evaluating Shipper-Related Productivity Gains to be Achieved from Authorizing Increased Truck Lengths and Gross Vehicle Weights.	Pennsylvania State University for FHWA	December 1991

Subject Area	Document Title	Author or Source	Date
Truck Travel and Mode Share			
	Travel-Time Costs of Increased Truck Travel on Rural Interstate Highways.	Mingo and Associates for Intermodal Policy Division of Association of American Railroads	November 1991
	The U.S. Trucking Industry: A Statistical Profile.	Transmode Consultants, Inc. for Intermodal Policy Division of Association of American Railroads	June 1991
	Environmental Impacts of a Modal Shift.	Ports and Waterways Division of Minnesota DOT	January 1991
	Case Studies of the Link Between Transportation and Economic Productivity.	Apogee Research, Inc. for Federal Highway Administration	January 1991
	Freight Rate Structure and Optimal Shipment Size in Freight Transportation.	W.M.Abdelwahab and M.Sargious, in Logistics and Transportation Review, Vol.26, No.3, pp 271-292	1990
	An Inventory-Transport Model with Uncertain Loss and Damage.	W.B.Allen and D.Liu, in Logistics and Transportation Review, Vol.26, No.2, pp 101-121	1990
	Economic Development Potential 1990, Volume 1: Project Overview and Status Report.	Western Highway Institute, Oklahoma Trucking Industry Self-Funded Research & Development Program	December 1990
	Standard Transportation Commodity Code Tariff STCC 6001-S	J.R.Rodgers, Tariff Publishing Officer, Chicago, Ill.	December 10, 1990
	The Changing Role of Freight Transportation Modes and Intermodal Freight.	T.H.Maze, C.K.Walter, B.J.Allen, N.Fuller, M.Hanson, M.Maggio, S.McGinnis, A.Smadi and K.Svede, Midwest Transportation Center, Iowa State University	October 1990

Subject Area	Document Title	Author or Source	Date
Truck Travel and Mode Share			
	The Impact of Changes in Road User Charges on Canadian Railways.	J.Jones, F.Nix and C.Schwier for Canadian Institute of Guided Ground Transport, Report #90-1	September 1990
	Modal Diversion Effects of Changes in Truck Size and Weight Limits.	Jack Faucett Associates, U.S.DOT, Federal Highway Administration	July 1990
	Double Stack Container Systems: Implications for U.S. Railroads and Ports	U.S. Department of Transportation, Federal Railroad Administration FRA-RRP-90-2	June 1990
	An Economic Inventory/Transport Model with Freight Rate Discounts.	R.J.Tersine, P.D.Larson and S.Barman, in Logistics and Transportation Review, Vol.25, No.4, pp 291-306	1989
	Overview and Administrative Sector Update, Volume 1.	Western Highway Institute, Oklahoma Trucking Industry Self-Funded Research & Development Program	December 1989
	Productivity Analysis for Truck Weight Study (Final Report).	Sydec, Inc. and Jack Faucett Associates for TRB	October 25, 1989
	Railroad Protectionism.	Transportation Executive	September 1989
	The Benefits of 62.5 Tonne, 25 m B Trains in Alberta.	T.Fredericks, Proceedings of the Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol.2	June 1989
	Highway/Rail Compatibility Issues - Intermodal Strategy and Operations in a Changing Environment.	D.Smith and A.Gibson, Proceedings of the Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol.2	June 1989

Subject Area	Document Title	Author or Source	Date
Truck Travel and Mode Share			
	Road and/or Transport Productivity.	K.Heald, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 2	June 1989
	Trucking Industry Response to RTAC Weight and Dimension Regulations.	F.P.Nix, A.M.Clayton, B.G.Bisson and M.Boucher, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 2	June 1989
	Economics of Vehicle Weights and Dimensions in Canada.	L.Sims and N.A.Irwin, Proceedings of the Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol.2	June 1989
	The Alberta WIM/AVI Interface Demonstration.	A.Lo and J.Lowe, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 2	June 1989
	Results of a Special-Use Truck Data Collection, Volume 1.	D.R.Middleton, Texas Transportation Institute Report #420-3F, Vol.1 and 2	March 1989
	Fast-Cycle Capability for Competitive Power.	J.L.Bower and T.M.Hout, Harvard Business Review, pp. 110-118	1988
	The Intermodal Competition Model	Scott M.Dennis	September 1988
	Time - The Next Source of Competitive Advantage.	G.Stalk, Jr., Harvard Business Review, pp. 41-51	July/August 1988
	Project Overview and Summary, Volume 1.	Western Highway Institute, Oklahoma Trucking Industry Self-Funded Research & Development Program	July 1988

Subject Area	Document Title	Author or Source	Date
Truck Travel and Mode Share			
	Nuclear Waste Transport Using Overweight Truck and Heavy Rail Casks	L.A.Brentlinger and P.L. Hofmann, Battelle Project Management Division	June 1988
	Analysis of Heavy-Duty Truck Use in Urban Areas	D.Blower and K.Campbell, UMTRI-88-31	June 30, 1988
	Trends and Forecasts of Highway Freight Travel.	Future National Highway Program, Working Paper No. 3	April 1988
	Truck Trailers: Current Industrial Reports.	U.S.Bureau of the Census, M37L(87)-13	April 1988
	Designated Highway System Truck Operation Study.	P.H.Decabooter and C.E.Solberg, 67th Annual Meeting of Transportation Research Board	January 13, 1988
	Economic Issues Related to the Proposed Changes in Vehicle Weights and Dimensions Regulations for Interprovincial Trucking.	IBI Group for Roads and Transportation Association of Canada	December 1987
	Economics of Truck Sizes and Weights in Canada.	N.A.Irwin and R.A.Barton, Council on Highway and Transportation Research and Development and the Roads and Transportation Association of Canada	July 1987
	Aspects of Freight Service Quality for Just-in-Time Transportation Serving the U.S. Automobile Industry.	R.K.Whitford, presented at "Just-in-time" Transport: New Road Freight Transport Strategies and Management: Adapting to the New Requirements of Transport Services seminar, Gothenburg, Sweden	June 22-24, 1987

Subject Area	Document Title	Author or Source	Date
Truck Travel and Mode Share			
	Analysis of Truck Traffic Between 1977 and 1983.	D.R.Middleton, J.M.Mason, T.Chira-Chavala and H.S.Nassiri, Texas Transportation Institute Report #420-2	May 1987
	Trucking Regulations: Price Competition and Market Structure in the Trucking Industry.	US General Accounting Office, Report No. GAO/RCED-87-16	February 1987
	Truck Inventory and Use Survey.	U.S.Bureau of the Census, 1982 Census of Transportation	1986
	The Feasibility of a Nationwide Network for Longer Combination Vehicles: Impacts of Longer Combination Vehicles on Railroads.	R.A.Mauri and R.N.Stearns, U.S.DOT Transportation Systems Center	July 1986
	"Estimating the Benefits of Increased Gross Vehicle Weights."	G.Halls, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 421-428	June 8-13, 1986
	Overview of the University of Michigan Transportation Research Institute Large-Truck Survey Program.	O.Carsten and K.L.Campbell, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 187-197	June 8-13, 1986
	Motor Carrier Vehicle Weights and Dimensions and Their Impact Upon the Competitive Balance Between the Rail and Road Modes in Western Canada.	G.A.Sparks, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 445-456	June 8-13, 1986
	The Feasibility of a Nationwide Network for Longer Combination Vehicles: Effects on Truck Traffic and Transportation Costs.	D.J.Maio, U.S.DOT Transportation Systems Center	May 1986

Subject Area	Document Title	Author or Source	Date
Truck Travel and Mode Share			
	Dependence Between Shipment Size and Mode in Freight Transportation.	R.W.Hall, Transportation Science, Vol. 19, No.4, pp. 436-444	November 1985
	Economic Impacts of Eliminating the Grandfather Clause.	Jack Faucett Associates, for Federal Highway Administration	February 18, 1981
	An Investigation of Truck Size and Weight Limits: Truck and Rail Cost Effects of Truck Size and Weight Limits (Technical Supplement Volume 2).	Richard J. Kochanowski and Daniel P. Sullivan for U.S.DOT Transportation Systems Center, Report #DOT-TSC-057-80-6	December 1980
	Empty/Loaded Truck Miles On Interstate Highways During 1976.	J.Lundgren, et.al., Interstate Commerce Commission	April 1977
	Economics of the Maximum Limits of Motor Vehicle Dimensions and Weights. Volume 1.	R.Winfrey, U.S.DOT, FHWA Report #FHWA-RD-73-69	September 1968
	Economics of the Maximum Limits of Motor Vehicle Dimensions and Weights. Volume 2.	R.Winfrey, U.S.DOT, FHWA Report #FHWA-RD-73-70	September 1968
	"Truck-Rail, Rail-Truck Diversion Model (DRAFT User Manual)."	Transmode Consultants, Inc.	
	Procedure for Assessing Truck Weight Shifts That Result From Changes in Legal Limits .	"Trucking and Intermodal Freight Issues," Transportation Research Record 920	
	NAFTA and Transportation: Implications for Canadian Shippers and Carriers.	B.E.Prentice, Transport Institute, University of Manitoba	

Subject Area	Document Title	Author or Source	Date
Truck Travel and Mode Share			
	WHI Technical Information Series.	Western Highway Institute	
U.S. Truck Size and Weight Policy			
	The Operators' View of Emerging Size and Weight Policy in Europe.	R.Turner at Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	Truck Size and Weight Policy - Current Activity of the FHWA.	G.Reagle, Proceedings of Fourth International Symposium on Heavy Vehicle Weights and Dimensions	June 25-29, 1995
	"Truck Size and Weight and Cost Allocation Questions"	House Appropriation Committee Hearings	February 15-16, 1995
	"Review of US Truck Limits."	P.Blow, OECD Divine Project, mid-term seminar, Sydney, Paper 21	February 2-3, 1995
	The Digital Factory.	G.Bylinsky, Fortune, pp. 92-110	November 14, 1994
	Vehicle Sizes and Weights Manual.	J.J. Keller and Associates	July 1, 1994
	Report of the Subcommittee on Truck Size and Weight of the AASHTO Joint Committee on Domestic Freight Policy.	Subcommittee on Truck Size and Weight of the AASHTO Joint Committee on Domestic Freight Policy	July 2, 1993
	Guide for Uniform Laws and Regulations Governing Truck Size and Weight Among the WASHTO States.	Western Association of State Highway and Transportation Officials (WASHTO)	June 26, 1993
	The Effects of Increased Truck Size and Weight in Illinois	Illinois Department of Transportation	1992

Subject Area	Document Title	Author or Source	Date
U.S. Truck Size and Weight Policy			
	Vehicle Sizes and Weights Chart.	J.J.Keller & Associates Inc., Supplement to the Vehicle Sizes and Weights Manual	July 1992
	Trucking and Public Policy: Longer and Heavier Trucks.	S.J.Thompson, Congressional Research Service Report for Congress	January 8, 1991
	U.S. Truck Size and Weight Study.	A.J.Balek, J.R.Stowers and H.Weinblatt, Proceedings of Second International Symposium on Heavy Vehicle Weights and Dimensions, Vol 2	June 1989
	"Truck Size and Weight Policy Development Historical Perspective."	F.C.Turner , 75th AASHTO Annual Meeting in Atlanta, Ga	October 1989
	Railroad Protectionism.	Transportation Executive	September 1989
	The Effects of Increased Truck Size and Weight in Illinois	Illinois Department of Transportation	March 1989
	Heavy Vehicles -- Some European Observations.	I.Schacke and E.Barneholdt, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 11-16	June 8-13, 1986
	Important United States Issues on Truck Weight and Dimensions.	J.P.Eicher, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 3-10	June 8-13, 1986
	Proceedings of the International Symposium on Heavy Vehicle Weights and Dimensions.	Transportation Association of Canada	June 8-13, 1986
	N.Z. Perspective on the Emerging Critical Issues and Research Needs in Vehicle Size and Weights.	N.T.Peterken, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 16-22	June 8-13, 1986

Subject Area	Document Title	Author or Source	Date
U.S. Truck Size and Weight Policy			
	An Overview of the Strategic Highway Research Program.	R.A.McComb, Proceedings of International Symposium on Heavy Vehicle Weights and Dimensions, pp. 339-348	June 8-13, 1986
	The Effects of Increased Truck Size and Weight in Illinois	Illinois Department of Transportation	July 1, 1985
	Federal Truck Size and Weight Study.	J. Stowers, H. Cohen and H. Weinblatt, Transportation Research Record 920	1983
	An Investigation of Truck Size and Weight Limits: Final Report.	Report of the Secretary of Transportation to the US Congress Pursuant to Section 161 of Public Law 95-599, The Surface Transportation Assistance Act of 1978	August 1981
	"Motor Vehicle Size and Weight Standards: Western Regional Objectives."	Western Highway Institute	July 1980
	Summary and Assessment of Sizes and Weights Report.	D.Solomon, U.S.DOT, FHWA Report #FHWA-RD-73-67	August 1972
	Maximum Desirable Dimensions and Weights of Vehicles Operated on the Federal-Aid System.	88th Congress, 2nd Session, House Document No. 354	August 19, 1964