Report Number	Title	Author	Publication Date	Category
<u>RR-001</u>	The Detroit-Windsor Tunnel	Detroit & Canada Tunnel Corp.	1930	Bridge & Special Structures Design
RR-002	The Motorist's Stake in the Highways	G. D. Kennedy	Feb-38	Administration & Management
<u>RR-003</u>	The Crossroads of Highway Administration	M. D. Van Wagoner	Feb-38	Administration & Management
<u>RR-004</u>	Dowel Bar Investigation Part II Study of Dowel Bar Coatings in Bond Stress	G. A. Mansfield	Dec-38	Materials
<u>RR-005</u>	Model Organization for a State Highway Department	G. D. Kennedy	Dec-38	Administration & Management
<u>RR-006</u>	The Effectiveness of Highway Delineators on Accident Occurrence	Michigan State Hwy Dept.	1941	Transportation Safety
<u>RR-007</u>	No Passing Zones	Michigan State Hwy Dept.	1943	Transportation Safety
<u>RR-008</u>	Michigan's Postwar Highway Needs	C. M. Ziegler	1944	Planning
<u>RR-009</u>	Initial Selection of Interstate Highways in Michigan	Michigan State Hwy Dept.	1945	Planning
<u>RR-010</u>	Federal Aid Secondary Highways in Michigan - Partial Selection	Michigan State Hwy Dept.	1945	Administration & Management
<u>RR-011</u>	The Design of Concrete Pavements for Postwar Construction	Michigan State Hwy Dept.	Mar-45	Pavement Design & Pavement Performance
<u>RR-012</u>	A Plan to Improve Traffic Routing in Bay City Michigan	Planning and Traffic Division	Apr-46	Planning
<u>RR-013</u>	Proposed Traffic Signal Improvements - US 25 and Connecting Streets in the City of Mt. Clemens	Planning and Traffic Division	Apr-46	Systems, Maintenance & Operations
<u>RR-014</u>	Proposed Traffic Signal Improvements - US 10 in the Cities of Ferndale, Pleasant Ridge and Royal Oak	Planning and Traffic Division	Apr-46	Systems, Maintenance & Operations
<u>RR-015</u>	Trends in Motor Vehicle Registrations, Travel and Revenue in Michigan	Planning and Traffic Division	Dec-46	Planning
<u>RR-016</u>	The Highway Transportation Problem in Michigan	Michigan Good Roads Federation	Mar-47	Administration & Management
<u>RR-017</u>	Modern Design Reduces Accidents	H. C. Coons	May-47	Transportation Safety
<u>RR-018</u>	Financing Michigan Highways Roads and Streets 1910-1946	Planning and Traffic Division	Nov-47	Administration & Management

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<u>RR-019</u>	Bases and Procedures for Determining Highway, Road and Street Deficiencies in Michigan	Michigan Good Roads Federation	1948	Planning
<u>RR-020</u>	Standards for Pavement Marking	Planning and Traffic Division	1949	Asset Management
RR-021	City Pavement Marking	Traffic and Safety Division	1950	Asset Management
<u>RR-022</u>	Driver and Traffic-Stream Behavior: As Criteria for the Design, Operation and Control of Streets and Highways	Planning and Traffic Division	1950	Planning
<u>RR-023</u>	The State Trunkline System for Greater Muskegon	Michigan State Hwy Dept.	1950	Planning
<u>RR-024</u>	Niles Area Traffic Study - Basic Facts and Tables	Planning and Traffic Division	1950	Planning
RR-025	A Method of Rural Road Classification	J. C. McMonagle	Jan-50	Roadway Design
<u>RR-026</u>	Federal Aid for Developing Michigan's Highways	C. M. Ziegler	Mar-50	Administration & Management
<u>RR-027</u>	How Roadside Features Affect Traffic Accident Experience - 2nd Progress Report	Planning and Traffic Division	Sep-51	Transportation Safety
<u>RR-028</u>	The Adrian Area Traffic Study - Street Traffic and Trunkline Report	Michigan State Hwy Dept.	Jan-52	Planning
<u>RR-029</u>	Report on Traffic and Revenues - Proposed Mackinac Straits Bridge	Coverdale and Colpitts	Jan-52	Bridge & Special Structures Design
<u>RR-030</u>	A Kitten on a Telephone Pole - A Report by Michigan People to Michigan People on How to Check Mounting Highway Injuries and Deaths	Michigan State Safety Commission	Mar-52	Transportation Safety
<u>RR-031</u>	Accident Experience in Relation to Road and Roadside Features	Planning and Traffic Division	Mar-52	Transportation Safety
<u>RR-032</u>	The Bay City Metropolitan Area Traffic Study	Office of Planning Division	Jul-65	Planning
<u>RR-033</u>	Midland Area Traffic Study - State Trunkline and Arterial Street Systems	Planning and Traffic Division	1953	Planning
<u>RR-034</u>	Annual Report - Planning & Traffic Division	Planning and Traffic Division	1954	Planning
<u>RR-035</u>	1972 Analysis of State Highway Accident Facts	Traffic and Safety Division	Jan-74	Transportation Safety
RR-036	Psychological Reactions of Drivers as Related to Highway Safety	A. W. Hart	Sep-54	Transportation Safety

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<u>RR-037</u>	Urban Connections to the Interstate System	Michigan State Hwy Dept.	Jul-55	Planning
<u>RR-038</u>	Modern Highways for Michigan - An Engineering Base for a Fiscal Plan	Automotive Safety Foundation	Oct-55	Administration & Management
RR-039	Special 24-hour Classified Speed Study M-78 Station 1-5	Planning and Traffic Division	Oct-55	Transportation Safety
RR-040A	Detroit Metropolitan Area Traffic Study - Part I	Michigan State Hwy Dept.	Mar-56	Planning
<u>RR-040B</u>	Detroit Metropolitan Area Traffic Study - Part II	Michigan State Hwy Dept.	Mar-56	Planning
RR-041	Forecast of Motor Vehicle Registration, Travel and Revenue in Michigan to the Year 1985	Planning and Traffic Division	May-56	Planning
<u>RR-042</u>	A Study of Urban Expressways - Costs of Certain Portions of the John C. Lodge and Edsel Ford Expressways in Detroit	W. C. Broughton	1957	Administration & Management
<u>RR-043</u>	Highway Research Laboratory: Its Operation in Relation to Michigan State University	State Highway Department Research Laboratory	Nov-57	Administration & Management
<u>RR-044</u>	City of Alpena Traffic Study	Central Traffic Services	1958	Planning
<u>RR-045</u>	The Interstate and Defense Highway System as Related to The Detroit Metropolitan Area	Planning and Programming Division	Mar-58	Planning
RR-046	Survey of Bituminous Mixing Plant and Paving Equipment	Office of Testing and Research	May-58	Materials
RR-047	A Policy for Weigh Stations, Rest Areas and Tourist Information Lodges on Limited Access Highways	Planning Division	Jun-58	Tourism
<u>RR-048</u>	A Proposed Plan for Adjustment of the Present Truck-Weight Detection System to the Changing Highway Pattern	Planning Division	Sep-58	Commercial Vehicle Enforcement
RR-049	A Policy on Urban Connections to Interstate and Arterial Routes	Planning Division	Dec-58	Planning
<u>RR-050</u>	An Annual Report To the Highway Users of Michigan	Michigan State Hwy Dept.	1959	Administration & Management
<u>RR-051</u>	City of Midland Traffic Study	Central Traffic Services	1959	Planning
<u>RR-052</u>	Minor O-D (Origin Destination) Studies 1955-1959	Michigan State Hwy Dept.	1959	Planning
<u>RR-053</u>	1958 Summaries of Pavement Roughness	Road Construction Division	Jan-59	Pavement Design & Pavement Performanc

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<u>RR-054</u>	Study of the Mixing Efficiency of a 34-E Dual-Drum Paving Mixer	Testing Laboratory Division	Feb-59	Pavement Design & Pavement Performance
<u>RR-055</u>	Estimating Traffic on Michigan Highways	Michigan State Hwy Dept.	Sep-59	Planning
<u>RR-056</u>	An Inventory of the Economic Factors Influenced by a Highway Development Program	E. Schenker	1960	Administration & Management
<u>RR-057</u>	Tomorrow's Traffic-Freeway Traffic Surveillance Research Project	E. F. Gervais, F. DeRose	1960	Systems, Maintenance & Operations
<u>RR-058</u>	An Evaluation of Freeway Ramp Closure	E. F. Gervais, W. Roth	1960	Planning
<u>RR-059</u>	Annual Report - 1959 - Traffic Division	Traffic Division	1960	Administration & Management
<u>RR-060</u>	An Annual Report To the Highway Users of Michigan	Michigan State Hwy Dept.	1960	Administration & Management
<u>RR-061</u>	A Trunkline Plan for the City of Norway	Planning Division	1960	Planning
<u>RR-062</u>	Trunkline Plan for the City of Mount Clemens	Planning Division	1960	Planning
<u>RR-063</u>	Trunkline Plan for the City of Midland	Planning Division	1960	Planning
<u>RR-064</u>	Trunkline Plan for the Kalamazoo Area	Planning Division	1960	Planning
<u>RR-065</u>	Effects on Businesses of By-Pass Highways	H. Faville, C. Goldschmidt	1960	Administration & Management
<u>RR-066</u>	A Study of Quality of Traffic Flow	A. D. May, F. A. Wagner	1960	Planning
<u>RR-067</u>	Pavement Type Selection	O. L. Stokstad	Mar-60	Pavement Design & Pavement Performance
<u>RR-068</u>	Land Economic Study No 2: Interstate 94 Kalamazoo Bypass	Right of Way Division	Apr-60	Environmental
<u>RR-069</u>	A Trunkline Plan for the City of Bay City	Planning Division	May-60	Planning
<u>RR-070</u>	Asphalt Paving Conference	Michigan College of Mining and Technology	May-60	Administration & Management
<u>RR-071</u>	Land Economic Study No 3: Interstate 94 Battle Creek Area	Right of Way Division	May-60	Environmental

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<u>RR-072</u>	Spectrophotometric Methods for Analysis of Paints	W. L. Frederick	Jun-60	Materials
<u>RR-073</u>	A Background Planning Study of Michigan's Aviation Needs - Parts 1 - 4	U o M, J. C. Kohl, H. F. Allen	Jun-60	Multi-Modal
RR-074	Land and Property Values in Relation to Dort Highway Improvements	R. Larson, E. Schenker	Jul-60	Environmental
<u>RR-075</u>	A Study of Fundamental Characteristics of Traffic Flow	A. D. May, F. A. Wagner	Jul-60	Planning
<u>RR-076</u>	Land Economic Study No 1: Interstate 95 Belleville Area	Right of Way Division	Aug-60	Environmental
<u>RR-077</u>	Policy on Rest Areas	Office of Planning	Oct-60	Tourism
<u>RR-078</u>	Land Economic Study No 5: US 27 Relocated Houghton Lake Area	Right of Way Division	Oct-60	Environmental
<u>RR-079</u>	Feasibility Study of a Pavement-Deflection Measurement System	W.H. Lawrence, I. J. Sattinger, L. H. Thomas, H. W. Wallace	Nov-60	Pavement Design & Pavement Performance
RR-080	Ramp Problems on the Detroit Freeway System	M. N. Clyde	Dec-60	Planning
<u>RR-081</u>	Land Economic Study No 6: I-94 and State Road Interchange Ann Arbor Vicinity	Right of Way Division	Dec-60	Environmental
<u>RR-082</u>	Annual Report - 1960 - Traffic Division	Traffic Division	1961	Administration & Management
RR-083	Pontiac : State Highway Plan	Planning Division	1961	Planning
<u>RR-084</u>	Analysis of the Geographical Patterns of Gross Land Uses and Changes in Numbers of Structures in Relation to Major Highways in the Lower Half of the Lower Peninsula of Michigan	A. K. Philbrick	1961	Roadway Design
<u>RR-085</u>	Economic and Social Effects of Highway Improvements - A Summary	E. C. Rowley, E. Schenker	1961	Administration & Management
<u>RR-086</u>	Michigan's Highways 1960-1980: Needs, Costs, Benefits - Summary Report	Michigan State Hwy Dept.	1961	Administration & Management
<u>RR-087</u>	The Preparation of Soil Strip Maps for Michigan State Highway Projects	A. E. Matthews, L. J. Cook	Jan-61	Roadway Design
<u>RR-088</u>	Adrian Trunkline Plan	Planning Division	Jan-61	Planning

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<u>RR-089</u>	Land Economic Study No 7: I-94 Ypsilanti Area	Right of Way Division	Feb-61	Environmental
<u>RR-090</u>	Central Mix Type Mixer Time Study	R. S. Fulton	Mar-61	Materials
RR-091	Land Economic Study No 8: I-94 and Capital Ave Interchange Battle Creek Vicinity	Right of Way Division	Mar-61	Environmental
RR-092	Land Economic Study No 9: Interstate 94 Ann Arbor Area	Right of Way Division	Jun-61	Environmental
<u>RR-093</u>	Lansing Area Trunkline Plan	Planning Division	Sep-61	Planning
RR-094	I-94 Rest Area Study	Traffic Division	1962	Tourism
<u>RR-095A</u>	John C Lodge Freeway Traffic Surveillance and Control Research Project: Television Equipment for Traffic Surveillance	H. H. Cooper	1962	Systems, Maintenance & Operations
<u>RR-095B</u>	John C Lodge Freeway Traffic Surveillance and Control Research Project: Lane Changes	H. H. Cooper	1962	Systems, Maintenance & Operations
<u>RR-095C</u>	John C Lodge Freeway Traffic Surveillance and Control Research Project: Effect of Incidents on Freeway Traffic	H. H. Cooper	1962	Systems, Maintenance & Operations
<u>RR-096</u>	Annual Report - 1961 - Traffic Division	Traffic Division	1962	Administration & Management
RR-097	City of Wayne State Trunkline Plan	Planning Division	1962	Planning
RR-098	Port Huron State Highway Plan	Planning Division	1962	Planning
RR-099	Jackson State Highway Plan	Planning Division	1962	Planning
<u>RR-100</u>	Michigan's Highways 1960-1980 Needs - A Technical Engineering Report	Michigan State Hwy Dept.	1962	Administration & Management
<u>RR-101</u>	Performance Tests on a Large Stationary Concrete Mixer at Various Mixing Times	D. N. Cortright, F. E. Legg, R. H. Vogler	Jan-62	Pavement Design & Pavement Performance
<u>RR-102</u>	Comparative Studies of Pneumatic Tire Rolling	P. J. Serafin, L. L. Kole	Jan-62	Pavement Design & Pavement Performance
<u>RR-103</u>	Design, Maintenance and Performance of Resurfaced Pavements at Willow Run Airport	W. S. Housel	Jan-62	Multi-Modal
<u>RR-104</u>	Cumulative Changes in Rigid Pavement With Age in Service	W. S. Housel	Jan-62	Pavement Design & Pavement Performance

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<u>RR-105</u>	A Development Plan For Highway Tourist Information Stations	Motorist Services and Reports Division	Jan-62	Tourism
<u>RR-106</u>	Comparison Test of the Michigan and Testlab Nuclear Density Gages	J. H. DeFoe	Jun-62	Geotechnical & Foundation Design
<u>RR-107</u>	Land Economic Study No 10: US 23 and M-59 Livingston County	Right of Way Division	Jun-62	Environmental
<u>RR-108</u>	Land Economic Study No 11: I-94 Near Battle Creek	Right of Way Division	Jul-62	Environmental
<u>RR-109</u>	The Michigan Pavement Performance Study for Design Control and Serviceability Rating	W. S. Housel	Aug-62	Pavement Design & Pavement Performance
<u>RR-110</u>	Land Economic Study No 12: I-75 Gaylord Study	Right of Way Division	Sep-62	Environmental
<u>RR-111</u>	Symposium on Pavement Design in Frost Areas	K. A. Allemeier, L. J. Cook	Dec-62	Pavement Design & Pavement Performance
<u>RR-112</u>	Supplement to Transportation in Michigan 2000 A.D A Guide for Study Policy- Procedure	J. C. Mackie	Dec-62	Administration & Management
<u>RR-113</u>	Five Year Summary: Michigan Pavement Performance Study 1957-1962	W. S. Housel	Dec-62	Pavement Design & Pavement Performance
<u>RR-114A</u>	John C Lodge Freeway Traffic Surveillance and Control Research Project: Research Activity Progress Report	H. H. Cooper	1963	Systems, Maintenance & Operations
<u>RR-114B</u>	John C Lodge Freeway Traffic Surveillance and Control Research Project: Research Activity Progress Report & Proposed Project Program	H. H. Cooper	1963	Systems, Maintenance & Operations
<u>RR-115</u>	A State Highway Plan for Cadillac	Planning Division	1963	Planning
<u>RR-116</u>	Freeways for Flint	Office of Planning	Jan-63	Planning
<u>RR-117</u>	Automation of Bituminous Mixture Proportioning	P. J. Serafin, G. C. Blomfield, L. L. Cole	Feb-63	Materials
<u>RR-118</u>	A Review of the Criteria of Marking No Passing Zones	Traffic Division	May-63	Transportation Safety
<u>RR-119</u>	An Evaluation of Concrete Median Barrier in Michigan	P. M. Briglia, J. D. Benac, D. E. Geno, K. A. McDonald	Jun-63	Transportation Safety
<u>RR-120</u>	Land Economic Study No 13: I-94 and M-139 Interchange Benton Harbor Study	Right of Way Division	Jun-63	Environmental
<u>RR-121</u>	Motorist Services for Michigan Freeways	Michigan State Hwy Dept.	Jul-63	Transportation Safety

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<u>RR-122</u>	Frankenmuth State Highway Plan	Planning Division	Jul-63	Planning
<u>RR-123</u>	John C Lodge Freeway: Traffic Surveillance and Control Research Project	Michigan State Hwy Dept.	Aug-63	Systems, Maintenance & Operations
<u>RR-124</u>	Design Considerations for Continuously Reinforced Concrete Pavement	Research Laboratory Section	Sep-63	Pavement Design & Pavement Performance
<u>RR-125</u>	Testing of Materials for Federal Aid Secondary Projects	W. W. McLaughlin	Sep-63	Materials
<u>RR-126</u>	Joints in Portland Cement Concrete Pavement	L. T. Oehler	Oct-63	Pavement Design & Pavement Performance
<u>RR-127</u>	Saginaw Metropolitan Area Study	Planning and Traffic Division	Nov-63	Planning
<u>RR-128</u>	Sault Ste. Marie Area Traffic Study 1964 and 1990 Desireline Diagrams	Michigan State Hwy Dept.	1964	Planning
RR-129	Tourist Travel in Michigan	Motorist Services and Reports Division	1964	Tourism
<u>RR-130</u>	Development of a Traffic Wear Factor Based on Axle Load Frequency and Magnitude in AASHTO Road Test Skid Area	C. D. Church, L. F. Holbrook	Jan-64	Pavement Design & Pavement Performance
<u>RR-131</u>	Survey and Services Report: Tourist Information Centers	Motorist Services and Reports Division	Jan-64	Tourism
<u>RR-132</u>	Place Classification for Trunkline Selection	Office of Planning	Jan-64	Asset Management
<u>RR-133</u>	Land Economic Study No 14: I-94 Interchange Study	Right of Way Division	Oct-64	Environmental
<u>RR-134</u>	Field Use of Nuclear Methods for Quality Control of Soil Compaction	Michigan State Hwy Dept.	Nov-64	Geotechnical & Foundation Design
<u>RR-135</u>	Michigan's Memorial Highways and Bridges	Management Services Division	1965	Bridge & Special Structures Design
<u>RR-136</u>	Weigh Station Designs: A Comparative Cost Analysis	Office of Planning	1965	Commercial Vehicle Enforcement
<u>RR-137</u>	Vassar State Highway Plan	Planning Division	1965	Planning
<u>RR-138</u>	Grand Rapids and Environs - Transportation Study - Accuracy Checks and Screenline Adjustment	Planning Division	1965	Planning
<u>RR-139</u>	Maintenance Cost of Rest Areas in Michigan	S. M. Cardone	Jan-65	Tourism

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<u>RR-140</u>	A Performance Investigation of Pile Driving Hammers and Piles	Michigan State Hwy Dept.	Mar-65	Bridge & Special Structures Design
<u>RR-141</u>	The Properties of Chert Aggregate in Relation to Their Deleterious Effect in Concrete	мти	Mar-65	Materials
<u>RR-142</u>	General Aviation Winter Traffic Survey	Michigan Dept. of Aeronautics	Mar-65	Multi-Modal
RR-143	Study of No Passing Zone Signing	Michigan State Hwy Dept.	May-65	Transportation Safety
<u>RR-144</u>	Laboratory Test Track Investigation of the Skid Resistance of Bituminous Pavements Composed of Hard Type Fine Aggregates	T. L. Speer	Jul-65	Pavement Design & Pavement Performance
<u>RR-145</u>	Anti-Glare Screen Study	Traffic Division	Oct-65	Transportation Safety
<u>RR-146</u>	Flint Origin Destination Study - Summary Report	Michigan State Hwy Dept.	1966	Planning
<u>RR-147</u>	Traverse City Area Transportation Study	Michigan State Hwy Dept.	1966	Planning
<u>RR-148</u>	The Tourist in Mid-Michigan: An Addendum to Tourist Travel in Michigan 1964	Michigan State Hwy Dept.	1966	Tourism
<u>RR-149</u>	Governor George Romney's Special Commission on Transportation	MacManus, John & Adams Inc.	Feb-66	Administration & Management
<u>RR-150</u>	The Motor Vehicle of the Future	R. B. Lutz	Apr-66	Planning
<u>RR-151</u>	Signal Head Color Study	Traffic Research Section	May-66	Systems, Maintenance & Operations
<u>RR-152</u>	Emergency Highway Traffic Regulation	Traffic Division	Jun-66	Transportation Safety
<u>RR-153</u>	Battle Creek State Highway Plan	Planning Division	Jun-66	Planning
<u>RR-154</u>	A Final Report of Recommendations to the Governor of Michigan by His Special Commission on Transportation	Special Commission on Transportation	Jun-66	Administration & Management
<u>RR-155</u>	Reversible Center Lane Traffic System	Traffic Division	Jul-66	Systems, Maintenance & Operations
<u>RR-156</u>	Hastings State Highway Plan	Office of Planning	Jul-66	Planning
<u>RR-157</u>	Evaluation of Ice Detecting System: Flint River Bridge	Traffic Division	Sep-66	Bridge & Special Structures Design

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<u>RR-158</u>	Forecasting General Aviation Activity in Michigan	Arthur D. Little, Inc.	Sep-66	Multi-Modal
<u>RR-159</u>	Cassopolis State Highway Plan	Planning Division	Dec-66	Planning
<u>RR-160</u>	Michigan Rest Area Study: 1967	Transportation Survey and Analysis Section	1967	Tourism
<u>RR-161</u>	Holland-Zeeland Area Transportation Study	Michigan Dept. of State Highways	1967	Planning
<u>RR-162</u>	Analysis of Alternatives for the North Gratiot Ave Improvement in Mt Clemens	Planning Division	1967	Planning
<u>RR-163</u>	Holland-Zeeland Area Transportation Study - Accuracy Checks and Screenline Adjustment	Michigan Dept. of State Highways	1967	Planning
<u>RR-164</u>	Petoskey External Origin Destination Study - Factual Data and Trip Tables	Michigan Dept. of State Highways	1967	Planning
<u>RR-165</u>	Michigan's Bituminous Experimental Road - Final Report	P. J. Serafin, L. L. Kole, A. P. Chritz	Feb-67	Pavement Design & Pavement Performance
<u>RR-166</u>	Tri-County Facts About Aviation Passengers - Clinton, Ingham and Eaton	Michigan Aeronautics Commission	Sep-67	Multi-Modal
RR-167	Allegan State Highway Plan	Planning Division	Oct-67	Planning
<u>RR-168</u>	M-53 Corridor Planning Study	Office of Planning	Nov-67	Planning
<u>RR-169</u>	Interchange Ramp Color Delineation and Marking Study - Erratic Movement Survey Report	Traffic Division	Dec-67	Planning
<u>RR-170</u>	Storm Sewer Design	Design Division	Dec-67	Geotechnical & Foundation Design
<u>RR-171</u>	Iron Mountain / Kingsford / Norway - Origin & Destination Study - Accuracy Checks	P. R. Lamb, L. D. Searcy, D. K. Jewison	1968	Planning
<u>RR-172</u>	Usage of Pavement Marking Materials by Government Agencies in the United States in 1965	A. J. Permoda, K. K. Moore, B. Chaiken	Jan-68	Materials
<u>RR-173</u>	Proposed Field Experiment for Application of Quality Control to Sampling for Gradation Analysis of 22A Aggregate	Michigan Dept. of State Highways	Apr-68	Materials
<u>RR-174</u>	Caro State Highway Plan	Office of Transportation Planning	Apr-68	Planning
<u>RR-175</u>	Aviation Facilities and Activities Study	Tri-County Regional Planning Commission	Apr-68	Multi-Modal

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<u>RR-176</u>	Study of Freeway Weigh Station Signing	C. L. Richard	Jun-68	Commercial Vehicle Enforcement
<u>RR-177</u>	The Potential for Use of Alternative Fuels in Michigan's Public Transit Systems	H. M. Bunch	Jul-68	Multi-Modal
<u>RR-178</u>	Uses of Geophysics in Subsurface Surveying	D. F. Malott	Sep-68	Geotechnical & Foundation Design
RR-179	Freeway Curve Analysis: Preliminary	D. J. Mercer	Nov-68	Planning
<u>RR-180</u>	Evaluation of a Removal of Curb Parking and Conversion to 5 Lane Street Operation-M- 153 (Ford Rd) in Garden City	Traffic and Safety Division	Nov-68	Planning
<u>RR-181</u>	The Port Huron Area Travel Study - Weekday Travel Patterns	UoM	Nov-68	Tourism
<u>RR-182</u>	Evaluation of a Safety Project – Widening of M-17 from Four to Five Lanes	Traffic and Safety Division	Dec-68	Transportation Safety
RR-183	Sault Ste. Marie Area Traffic Study	Planning Division	Dec-68	Planning
<u>RR-184</u>	Evaluation of a Safety Project: Replacement of Bi-Directional Crossover with Pair of Directional Crossovers	Traffic and Safety Division	1969	Transportation Safety
<u>RR-185</u>	Fremont External Origin & Destination Study - Factual Data Report	Planning Division	1969	Planning
<u>RR-186</u>	Kalamazoo Area Transportation Study - Trip Generation and Gravity Model Calibration	Alan M. Voorhees & Associates	1969	Planning
RR-187	Port Huron Area Origin Destination Study - Screenline Adjustment Report	Planning Division	1969	Planning
<u>RR-188</u>	Pedestrian Crosswalk Safety Studies	D. E. Cleveland	1969	Non-Motorized Planning & Development
<u>RR-189</u>	History of the Michigan State Ferries	Michigan Dept. of State Highways	1969	Multi-Modal
RR-190	Evaluation of Low Profile Lights for Pavement Delineation	H. Schoepke	Jan-69	Transportation Safety
<u>RR-191</u>	A Review of the Michigan Criteria for Marking No Passing Zones: 1968	H. Schoepke, A. A. Lampela	Jan-69	Transportation Safety
<u>RR-192</u>	Detroit Freeway Surveillance & Control Evaluation	B. A. Conradson	Jan-69	Systems, Maintenance & Operations
RR-193	Study of the Operational Aspects of One Way and Two Way Streets	N. Enustun	Jan-69	Transportation Safety

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<u>RR-194</u>	PARCLO Terminal Study - Evaluation of driver errors and turning movements	Traffic and Safety Division	Feb-69	Planning
<u>RR-195</u>	A Study of Selection of Yellow Clearance Intervals for Traffic Signals	R. S. Jenkins	Feb-69	Systems, Maintenance & Operations
<u>RR-196</u>	Guide for the Preparation of Right of Way Plans	Design Division	Feb-69	Roadway Design
<u>RR-197</u>	Study of Freeway Weigh Station Signing	C. L. Richard	Mar-69	Commercial Vehicle Enforcement
<u>RR-198</u>	Accident Analysis and Cost Justification - Left Side Pennant Sign US-12	C. C. Conley	Mar-69	Transportation Safety
<u>RR-199</u>	Aviation and Economic Development	Michigan Aeronautics Commission	Mar-69	Multi-Modal
<u>RR-200</u>	Turning Path Determination Procedure: A Study to Verify Predicted Turning Paths	Traffic and Safety Division	May-69	Roadway Design
<u>RR-201</u>	Driveway Study: A Study of Urban Driveway Approach Geometrics	Traffic and Safety Division	May-69	Roadway Design
RR-202	A Study of Cold Plastic Pavement Marking Materials	L. W. Painter, M. L. Jones	Jun-69	Materials
<u>RR-203</u>	Formation of the Detroit Freeway Operations Unit	H. L. Crane	Jun-69	Systems, Maintenance & Operations
RR-204	Field Evaluation of Reflective Delineation Markers	H. Schoepke	Jul-69	Materials
<u>RR-205</u>	Thermoplastic Highway Striping Materials: Interim Report	W. J. Hitchens	Jul-69	Materials
<u>RR-206</u>	Development of Procedures for Process Inspection of Heavy Media Beneficiation Plants for Coarse Aggregate	M. E. Volin, E. L. Ellery, L. Valentik	Aug-69	Materials
<u>RR-207</u>	Interchange Ramp Color Delineation and Marking Study	W. J. Roth	Sep-69	Planning
<u>RR-208</u>	Redesign of Bituminous Binder and Leveling Courses	E. Tons	Sep-69	Pavement Design & Pavement Performance
RR-209	Alpena Area Traffic Study - Factual Data and Trip Tables	Planning Division	Oct-69	Planning
<u>RR-210</u>	Mackinac Bridge - Mackinac County - Origin Destination Study - 1967, 1969, 1970	Planning Division	1972	Planning
<u>RR-211</u>	Big Rapids Area Transportation Study - External Survey	S. F. Cryderman	1970	Planning

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<u>RR-212</u>	Functional Highway Classification for 1970 Needs Study	Wilber Smith and Associates	1970	Administration & Management
<u>RR-213</u>	Performance of Mayari R Weathering Steel (ASTM A242) in Bridges at the 8 Mile Rd and John Lodge Expressway in Detroit, Michigan	J. C. Zoccola	1970	Bridge & Special Structures Design
<u>RR-214</u>	Michigan's Experience with Different Materials and Designs on the Skid Resistance of Bituminous Pavements	P. J. Serafin	Jan-70	Pavement Design & Pavement Performance
<u>RR-215</u>	An Evaluation of the 1965-1966 Skidproofing Program	Traffic and Safety Division	Feb-70	Pavement Design & Pavement Performance
<u>RR-216</u>	Development of a an Internally Illuminated School Speed Limit Sign	Traffic Division	Mar-70	Transportation Safety
<u>RR-217</u>	Evaluation of Changing the Assignment of Vehicle Right of Way at a Rural Trunkline Intersection	Traffic and Safety Division	Mar-70	Planning
<u>RR-218</u>	Procedures Manual for The Determination and Establishment of No Passing Zones	H. R. Schoepke	Mar-70	Transportation Safety
<u>RR-219</u>	An Evaluation of the 1966-1967 Skidproofing Program	Traffic and Safety Division	Apr-70	Pavement Design & Pavement Performance
<u>RR-220</u>	A Traffic Accident Analysis of High Accident Locations in Tuscola County	Traffic and Safety Division	Jun-70	Transportation Safety
<u>RR-221</u>	SCORE: Systematic Correction of Roadside Environment	Traffic and Safety Division	Sep-70	Roadway Design
<u>RR-222</u>	Grand Haven Airport Study	Aeronautics Commission	Sep-70	Multi-Modal
<u>RR-223</u>	Midland Aviation Survey	Aeronautics Commission	Sep-70	Multi-Modal
<u>RR-224</u>	Report on a Study of Michigan's Aviation Development Program	Aeronautics Commission	Oct-70	Multi-Modal
<u>RR-225</u>	An Evaluation of the 1967-1968 Skidproofing Program	Traffic and Safety Division	Nov-70	Pavement Design & Pavement Performance
<u>RR-226</u>	Report on the Use of the Sectional Cantilever	H. Mendez	Nov-70	Bridge & Special Structures Design
<u>RR-227</u>	Report on the Use of Cold Plastic Marking Materials	L. W. Painter, M. L. Jones	Dec-70	Materials
<u>RR-228</u>	A Traffic Accident Analysis of High Accident Locations in Lapeer County	R. G. Lariviere	Dec-70	Transportation Safety
<u>RR-229</u>	A Traffic Accident Analysis of High Accident Locations in Osceola County	O. E. Vargas	Dec-70	Transportation Safety

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<u>RR-230</u>	MI Statewide Traffic Forecasting Model: Vol 1-Objectives & Work Program	Bureau of Transportation Planning	Dec-70	Planning
<u>RR-231</u>	Widening a Four Lane Roadway to Five Lanes and Providing a Center Lane for Left Turns	Traffic and Safety Division	1971	Transportation Safety
<u>RR-232</u>	A Traffic Accident Analysis of High Accident Locations in Benzie County	O. E. Vargas	1971	Transportation Safety
<u>RR-233</u>	A Traffic Accident Analysis of High Accident Locations in the City of Dowagiac	O. E. Vargas	1971	Transportation Safety
<u>RR-234</u>	Initiating a Transportation Plan for the Northwest Michigan Region	Michigan Dept. of State Highways	1971	Administration & Management
<u>RR-235</u>	Study of Past and Future Trends of Travel Across Mackinac Bridge, Mackinac County	Michigan Dept. of State Highways	1971	Bridge & Special Structures Design
<u>RR-236</u>	Munising Origin Destination Study - External Survey - Factual Data Report	Michigan Dept. of State Highways	1971	Planning
<u>RR-237</u>	High Speed Profilometry	J. R. Darlington	Jan-71	Systems, Maintenance & Operations
<u>RR-238</u>	Final Report of Experimental Orthotropic Bridge	J. E. Risch	Jan-71	Bridge & Special Structures Design
<u>RR-239</u>	Evaluation of a Safety Project: Reconstruction of Median Crossovers	Traffic and Safety Division	Feb-71	Roadway Design
<u>RR-240</u>	A Traffic Accident Analysis of High Accident Locations in Mason County	R. G. Lariviere	Feb-71	Transportation Safety
<u>RR-241</u>	A Traffic Accident Analysis of High Accident Locations in Montgomery County	R. G. Lariviere	Feb-71	Transportation Safety
<u>RR-242</u>	A Traffic Accident Analysis of High Accident Locations in St Joseph County	O. E. Vargas	Feb-71	Transportation Safety
<u>RR-243</u>	MI Statewide Transportation Forecasting Model: Development of Network Models - Vol II	Bureau of Transportation Planning	Feb-71	Planning
<u>RR-244</u>	Michigan Highway Safety Program - Maintenance Standards and Construction Area Practices	Wilber Smith and Associates	Mar-71	Transportation Safety
<u>RR-245</u>	Martis-Brown Recommendation on the Use of Steel Marker Posts	H. Lemon	Mar-71	Materials
<u>RR-246</u>	Michigan State Airport Plan 1970-1975	Aeronautics Commission	Apr-71	Multi-Modal
<u>RR-247</u>	Study of Specific Gravity as a Criterion of Aggregate Quality	D. H. Carlson, W. A. Hockings, M. E. Volin	May-71	Materials

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<u>RR-248</u>	An Evaluation of the 1965-66, 1966-67 Tree Removal Programs	N. Al-Ashari	Jun-71	Transportation Safety
<u>RR-249</u>	A Traffic Accident Analysis of High Accident Locations in the city of Ionia	R. G. Lariviere	Jun-71	Transportation Safety
<u>RR-250</u>	MI Statewide Traffic Forecasting Model: Multi Level Highway Network Generator- Segmental Model - Vol 3	Bureau of Transportation Planning	Jun-71	Planning
<u>RR-251</u>	Investigation into Using Air in the Permeability Testing of Granular Soils	R. O. Geotz	Jun-71	Transportation Safety
<u>RR-252</u>	The Michigan Intercity Passenger Demand Model	J. W. Billheimer	Jun-71	Multi-Modal
<u>RR-253</u>	A Traffic Accident Analysis of High Accident Locations in Marquette County	R. G. Lariviere	Jul-71	Transportation Safety
<u>RR-254</u>	Socio-Economic Projections - Midland Transportation Study	Michigan Dept. of State Highways	Jul-71	Planning
<u>RR-255</u>	Analysis of Alternative Rail Passenger Routings in the Detroit-Chicago Corridor	J. W. Billheimer	Jul-71	Multi-Modal
<u>RR-256</u>	Study of Rural Freeway Emergency Communications for Stranded Motorists	W. J. Roth	Aug-71	Systems, Maintenance & Operations
<u>RR-257</u>	Prediction of the Magnitudes and Frequencies of Floods in Michigan	E. F. Brater, J. D. Sherrill	Aug-71	Environmental
<u>RR-258</u>	Area Economic Significance of Rail Car Ferry Service Across the Straits of Mackinac	Upper Great Lakes Regional Commission, Michigan Dept. of Commerce	Sep-71	Multi-Modal
<u>RR-259</u>	A Traffic Accident Analysis of High Accident Locations in the city of Hancock	R. G. Lariviere	Oct-71	Transportation Safety
RR-260	Truck Speed Study: Evaluation of Hill-Climbing Ability of Motor Trucks	W. Leuchtenmueller	Nov-71	Transportation Safety
<u>RR-261</u>	MI Statewide Traffic Forecasting Model: Semi-Automatic Network Generator Using a Digitizer - Vol 3-A	Bureau of Transportation Planning	Nov-71	Planning
<u>RR-262</u>	Michigan Marine Gas Tax Study	Michigan Dept. of State Highways	Nov-71	Multi-Modal
<u>RR-263</u>	Aggregate Factors in Bituminous Mixture Design	I. Ishai, E. Tons	Dec-71	Materials
<u>RR-264</u>	Study of the Operational Aspects of One-Way and Two-Way Streets	N. Enustun	1972	Transportation Safety

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<u>RR-265</u>	14-Foot Wide Mobile and Modular Home Transit Study	Traffic and Safety Division	1972	Planning
<u>RR-266</u>	A Traffic Accident Analysis of High Accident Locations in the City of Battle Creek	J. L. Meszaros	1972	Transportation Safety
RR-267	Cheboygan External Origin & Destination Study - Factual Data Report	Bureau of Transportation Planning	1972	Planning
<u>RR-268</u>	Gaylord External Origin Destination Study - Factual Data Report	Michigan Dept. of State Highways & Transportation	1972	Planning
<u>RR-269</u>	Grayling External Origin Destination Study - Factual Data Report	Michigan Dept. of State Highways & Transportation	1972	Planning
<u>RR-270</u>	Rogers City External Origin Destination Study - Factual Data Report	Michigan Dept. of State Highways & Transportation	1972	Planning
<u>RR-271</u>	Tawas Cities Area External Origin Destination Study - Factual Data Report	Michigan Dept. of State Highways & Transportation	1972	Planning
<u>RR-272</u>	Michigan State Airport System Plan - Technical Report	Stanford Research Institute	1972	Multi-Modal
<u>RR-273</u>	Michigan State Airport System Plan - Interim Report - Data Collection and Analysis Methods	Stanford Research Institute	1972	Multi-Modal
<u>RR-274</u>	Michigan State Airport System Plan - Task Group 4 - Proposed System Plan	Stanford Research Institute	1972	Multi-Modal
<u>RR-275</u>	An Investigation of Weather Factor Effects on Traffic Accidents	D. E. Orne, A. H. Yang	Jan-72	Transportation Safety
<u>RR-276</u>	A Traffic Accident Analysis of High Accident Locations in the City of Three Rivers	J. L. Meszaros	Jan-72	Transportation Safety
<u>RR-277</u>	MI Statewide Traffic Forecasting Model Workshop-Region 4: Vol 1-A	Bureau of Transportation Planning	Jan-72	Planning
<u>RR-278</u>	Airline Passenger Survey at Selected Michigan Airports	Stanford Research Institute	Jan-72	Multi-Modal
<u>RR-279</u>	I-75 Lane Drop Study at the Davison Freeway	G. N. Grimes	Mar-72	Roadway Design
RR-280	A Traffic Accident Analysis of High Accident Locations in the City of Escanaba	G. R. Etelamaki	Mar-72	Transportation Safety

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<u>RR-281</u>	Evaluation of an Operational Change at 17 Locations	B. Conradson, L. Bunker	Apr-72	Systems, Maintenance & Operations
<u>RR-282</u>	A Traffic Accident Analysis of High Accident Locations in the City of Niles	J. L. Meszaros	Apr-72	Transportation Safety
<u>RR-283</u>	Public Transportation Information Reporting System Development	American Academy of Transportation	Apr-72	Systems, Maintenance & Operations
<u>RR-284</u>	External Origin & Destination Analysis Process Procedures - Vol 5-B	Bureau of Transportation Planning	May-72	Planning
<u>RR-285</u>	MI Statewide Traffic Forecasting Model: Travel Model Development Reformation Trip Data Bank Preparation - Vol 5-A	Bureau of Transportation Planning	May-72	Planning
<u>RR-286</u>	A Traffic Accident Analysis of High Accident Locations in the City of Adrian	G. R. Etelamaki	Jun-72	Transportation Safety
<u>RR-287</u>	Michigan Trunkline Accident Facts, an Evaluation of the States - 1970 Accident Experience	S. D. Lingeman	Jun-72	Transportation Safety
<u>RR-288</u>	Evaluation of "Lakelite" Aggregate as a Lightweight Fill Material	P. H. Marttila	Jun-72	Materials
RR-289	Arrow Aiming In Traffic Guide Signs: A Laboratory Investigation	M. M. Zajkowski	Jun-72	Materials
<u>RR-290</u>	MI Statewide Transportation Modeling System: Single Station Origin Destination Analysis Process Procedures - Vol 5-A	Bureau of Transportation Planning	Jul-72	Planning
RR-291	Statewide Project Report: Rifle Range Proximity Analysis: Report No. 7	Bureau of Transportation Planning	Aug-72	Planning
<u>RR-292</u>	Flint-Genesee County Transportation Study - Network Calibration Study	Michigan Dept. of State Highways	Aug-72	Planning
<u>RR-293</u>	Field Evaluation of A Flexible Traffic Guide Post	H. R. Schoepke	Oct-72	Transportation Safety
RR-294	Three Experiments with Transverse Pavement Stripes and Rumble Bars	N. Enustun	Oct-72	Transportation Safety
<u>RR-295</u>	MI Statewide Transportation Forecasting Model: Model Application Turnbacks - Vol 1-C	Bureau of Transportation Planning	Oct-72	Planning
<u>RR-296</u>	Flint-Genesee County Transportation Study - System Analysis Report 1	Michigan Dept. of State Highways	Oct-72	Planning
<u>RR-297</u>	MI Statewide Transportation Modeling System: Corridor Location Dynamics - Vol 6	Bureau of Transportation Planning	Nov-72	Planning
<u>RR-298</u>	MI Statewide Traffic Forecasting Model: Design Hour Volume Model Development - Vol 7	Bureau of Transportation Planning	Nov-72	Planning

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<u>RR-299</u>	Abnormal Stiffening of Concrete Containing Chemical Water-Reducing and Retarding Mixtures	F. E. Legg	Nov-72	Materials
<u>RR-300</u>	MI Statewide Transportation Modeling System: Graphic Display of Accident Area - Report No 19	Bureau of Transportation Planning	Dec-72	Planning
RR-301	MI Statewide Traffic Forecasting Model: Development of the Statewide Socio- Economic Data Bank For Trip Generation-Distribution: Vol 5-B	Bureau of Transportation Planning	Dec-72	Planning
<u>RR-302</u>	Evaluation of Two Safety Projects for Curve Superelevation and Drainage Correction	N. Al-Ashari	1973	Transportation Safety
<u>RR-303</u>	Profile of the Topics Program in Michigan - 1969-1973	Michigan Dept. of State Highways	1973	Administration & Management
<u>RR-304</u>	A Traffic Accident Analysis and Traffic Control Devices Inventory in Lenawee County	J. L. Meszaros	1973	Systems, Maintenance & Operations
RR-305	A Traffic Accident Analysis and Traffic Control Devices Inventory in Schoolcraft County	K. J. O'Berry	1973	Systems, Maintenance & Operations
<u>RR-306</u>	A Traffic Accident Analysis and Traffic Control Devices Inventory in the city of St Joseph	R. G. Lariviere	1973	Systems, Maintenance & Operations
<u>RR-307</u>	A Traffic Accident Analysis of High Accident Locations in the City of Portage	R. G. Lariviere	1973	Transportation Safety
<u>RR-308</u>	Data Collection Procedures for Determination and Updating of Highway Needs in Michigan	Joint Needs Study Coordinating Committee	1973	Systems, Maintenance & Operations
<u>RR-309</u>	East Jordan External Origin & Destination Study - Factual Data Report	Michigan Dept. of State Highways	1973	Planning
<u>RR-310</u>	Monroe External Origin & Destination Study - Factual Data Report	Michigan Dept. of State Highways	1973	Planning
<u>RR-311</u>	Frankfort-Elberta External Origin & Destination Study - Factual Data Report	Michigan Dept. of State Highways	1973	Planning
<u>RR-312</u>	Kalkaska External Origin Destination Study - Factual Data Report	Michigan Dept. of State Highways	1973	Planning
<u>RR-313</u>	Ludington Area Transportation Study - External Survey	Bureau of Transportation Planning	1973	Planning
<u>RR-314</u>	Michigan State Airport System Plan - Task Group 5 - General Aviation Plan	Aeronautics Commission	1973	Multi-Modal
<u>RR-315</u>	Michigan Trunkline Accident Facts, an Evaluation of the States - 1971 Accident Experience	S. D. Lingeman	Jan-73	Transportation Safety
<u>RR-316</u>	MI Statewide Traffic Forecasting Model: Proximity of Airports with Scheduled Service to Population - Report No. 5	Bureau of Transportation Planning	Jan-73	Planning

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<u>RR-317</u>	MI Statewide Traffic Forecasting Model: Vol 1-B: Single and Multiple Corridor Analysis	Bureau of Transportation Planning	Feb-73	Planning
<u>RR-318</u>	Statewide Project Report: Proximity of People to General Purpose Hospitals: Report No. 2	Bureau of Transportation Planning	Feb-73	Planning
<u>RR-319</u>	Statewide Project Report: Regional Park Proximity Analysis - Report No. 6	Bureau of Transportation Planning	Feb-73	Planning
RR-320	MI Statewide Traffic Forecasting Model: Traffic Forecasting Applications: Single and Multiple Corridor Analysis - Vol I-B	Bureau of Transportation Planning	Feb-73	Planning
<u>RR-321</u>	A Traffic Accident Analysis and Traffic Control Devices Inventory in Monroe County	Traffic and Safety Division	Mar-73	Systems, Maintenance & Operations
<u>RR-322</u>	Driver Behavior at Rural Parallel and Taper Exit Ramps	D. J. Mercer	Apr-73	Planning
RR-323	Statewide Project Report: Industrial Park Proximity Analysis - Report No. 3	Bureau of Transportation Planning	Apr-73	Planning
<u>RR-324</u>	Ann Arbor DART Pilot Project	Ann Arbor Transportation Authority	Apr-73	Multi-Modal
<u>RR-325</u>	Design Factors for Bituminous Concrete	E. Tons, I. Ishai	May-73	Materials
<u>RR-326</u>	1974 National Transportation Study - Working/Discussion Paper No 1: Definition and Analysis of Alternative Transportation Program Structures	Resource Planning Associates	May-73	Planning
<u>RR-327</u>	Freeway Curve Analysis	D. J. Mercer	1969	Planning
<u>RR-328</u>	Statewide Project Report: Proximity of Automobile Injury Accidents to Hospitals - Parts A & B - Report No. 4	Bureau of Transportation Planning	Jun-73	Planning
<u>RR-329</u>	Michigan Statewide Modeling System: Synopsis - Vol 4-A	Bureau of Transportation Planning	Jun-73	Planning
<u>RR-330</u>	A Statewide Transportation Modeling System Effectively Meets the Transportation Challenge of the 70's	R. E. Esch	Jun-73	Planning
<u>RR-331</u>	Effect of Clear Vision Right-of-Way on Traffic Accidents at Urban and Rural Signalized Intersections	Y. S. Wu	Jul-73	Systems, Maintenance & Operations
<u>RR-332</u>	MI Statewide Transportation Forecasting Model: Level of Service Systems Analysis Model-A Public Interaction Application - Vol 1-H	Bureau of Transportation Planning	Jul-73	Planning
<u>RR-333</u>	MI Statewide Transportation Forecasting Model: Transportation Planning Psychological Impact Model - Vol 1-G	Bureau of Transportation Planning	Jul-73	Planning
<u>RR-334</u>	MI Statewide Transportation Forecasting Model: Air and Noise Pollution System Analysis Model - Vol 1-F	Bureau of Transportation Planning	Jul-73	Planning

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<u>RR-335</u>	MI Statewide Transportation Forecasting Model: Service-Area Model - Vol I-J	Bureau of Transportation Planning	Aug-73	Planning
<u>RR-336</u>	MI Statewide Transportation Model: Data Conversion Process for Dept of Treasury-Tax Rate and Assessed Valuation Info - Vol 9-C	Bureau of Transportation Planning	Aug-73	Planning
<u>RR-337</u>	MI Statewide Traffic Forecasting Model - Comprehensive Statewide Planning-A Multiple Benefit of a Statewide Transportation Modeling System	Bureau of Transportation Planning	Aug-73	Planning
<u>RR-338</u>	An Informational Report on Non-Motorized Transportation as it Applies to Michigan	Michigan Dept. of State Highways	Aug-73	Non-Motorized Planning & Development
<u>RR-339</u>	M-22 External Origin & Destination Survey - Leelanau County - Factual Data Report	Michigan Dept. of State Highways	Aug-73	Planning
<u>RR-340</u>	MI Statewide Transportation Modeling System: Reference Handbook No. 7 - 1980 Census Data	Bureau of Transportation Planning	Sep-73	Planning
<u>RR-341</u>	Mapping Socio-Economic Data with Symap: Procedure Model - Vol 9-A	Bureau of Transportation Planning	Sep-73	Planning
<u>RR-342</u>	Statewide Transportation Model Multiple Applications: Community College Service Area Analysis: Part A - Report No. 1	Bureau of Transportation Planning	Oct-73	Planning
<u>RR-343</u>	,	Bureau of Transportation Planning	Oct-73	Planning
<u>RR-344</u>	A Traffic Accident Analysis and Traffic Control Devices Inventory in Calhoun County	J. L. Meszaros	Nov-73	Systems, Maintenance & Operations
<u>RR-345</u>	Statewide Transportation Model multiple Applications: Ambulance Service Area Analysis: Report No. 8	Bureau of Transportation Planning	Dec-73	Planning
<u>RR-346</u>	1st Annual Report of Michigan's Overall Highway Safety Improvement Program: 1973-1974	Traffic and Safety Division	1974	Transportation Safety
<u>RR-347</u>	Charlevoix External Origin & Destination Study - Factual Data Report	Michigan Dept. of State Highways	1974	Planning
<u>RR-348</u>	Alma/St. Louis External Origin & Destination Study - Factual Data Report	Michigan Dept. of State Highways	1974	Planning
<u>RR-349</u>	Manistee Area Transportation Study - External Survey	Bureau of Transportation Planning	1974	Planning
<u>RR-350</u>	Standish External Origin Destination Study - Factual Data Report	Bureau of Transportation Planning	1974	Planning
<u>RR-351</u>	West Branch Area External Origin Destination Study - Factual Data Report	Michigan Dept. of State Highways	1974	Planning
<u>RR-352</u>	The Lamp Road - A History of the Lansing, Alma, Mt. Pleasant and Northern Railroad	F. S. Ceasar	1974	Multi-Modal

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<u>RR-353</u>	Michigan State Airport System Plan thru 1990 - Final	Michigan Dept. of State Highways	1974	Multi-Modal
<u>RR-354</u>	An Evaluation of the 1965-66, 1966-67 Tree Removal Programs - Supplement	Traffic and Safety Division	Jan-74	Transportation Safety
<u>RR-355</u>	A Traffic Accident Analysis of High Accident Locations in Kalamazoo County	R. G. Lariviere	Jan-74	Transportation Safety
<u>RR-356</u>	1972 Analysis of State Highway Accident Facts	Traffic and Safety Division	Jan-74	Transportation Safety
<u>RR-357</u>	MI Statewide Transportation Forecasting Model: Effective Speed Model: A Public Interaction Tool - Vol I-K	Bureau of Transportation Planning	Jan-74	Planning
<u>RR-358</u>	MI Statewide Transportation Modeling System: Impact of 50, 55 or 60 MPH Statewide Speed Limit - Report No 12	Bureau of Transportation Planning	Jan-74	Planning
<u>RR-359</u>	MI Statewide Transportation Modeling System: Statewide Economic Impact Analysis Procedures - Vol 10-C	Bureau of Transportation Planning	Jan-74	Planning
<u>RR-360</u>	Origin & Destination Study of Two Single Stations on M-26 - Houghton County	Bureau of Transportation Planning	Jan-74	Planning
<u>RR-361</u>	Color Coding Study for Freeway Markings Median Delineation Phase	W. J. Roth	Feb-74	Transportation Safety
<u>RR-362</u>	MI Statewide Transportation Modeling System: Computer Run Times-An Aid In Selecting Statewide Travel Model System Size - Vol 11	Bureau of Transportation Planning	Feb-74	Planning
<u>RR-363</u>	Evaluation of a Polycarbonate Vehicular Traffic Signal	C. L. Richard	Mar-74	Systems, Maintenance & Operations
<u>RR-364</u>	A Traffic Accident Analysis of High Accident Locations in Jackson County	J. L. Meszaros	Mar-74	Transportation Safety
<u>RR-365</u>	A Traffic Accident Analysis and Traffic Control Devices Inventory in Berrien County	J. L. Meszaros	Apr-74	Transportation Safety
<u>RR-366</u>	MI Statewide Transportation Modeling System: Environmental Sensitivity Computer Mapping - Vol 6-A	Bureau of Transportation Planning	Apr-74	Planning
<u>RR-367</u>	MI Statewide Transportation Modeling System: System Impact Analysis Graphic Display - Vol I-L	Bureau of Transportation Planning	May-74	Planning
<u>RR-368</u>	MI Statewide Transportation Modeling System: Proximity Analysis: Social Impacts of Alternate Highway Plans on Public Facilities - Vol 1-D	Bureau of Transportation Planning	May-74	Planning
<u>RR-369</u>	The Marking and Signing of Three Lane, Two Way Highways	D. J. Mercer	Jun-74	Asset Management
<u>RR-370</u>	MI Statewide Traffic Forecasting Model: Statewide Socio-Economic Data File - Vol 9	Bureau of Transportation Planning	Jun-74	Planning

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<u>RR-371</u>	Prewetted Salt Report - 1973-1974	Michigan Dept. of State Highways	Jun-74	Materials
<u>RR-372</u>	Analysis of Guardrail Accidents in Michigan	A. A. Lampela, A. H. Yang	Jul-74	Transportation Safety
<u>RR-373</u>	1973 Analysis of State Highway Accident Facts	S. D. Lingeman	Jul-74	Transportation Safety
<u>RR-374</u>	MI Statewide Transportation Modeling System: Model Related Statewide Social Impact Analysis Procedures - Vol 10-B	Bureau of Transportation Planning	Jul-74	Planning
<u>RR-375</u>	MI Statewide Transportation Modeling System: Michigan Goes Multi-Modal - Vol 13	Bureau of Transportation Planning	Jul-74	Planning
<u>RR-376</u>	A Laboratory Investigation of Diagrammatic Highway Guide Sign Messages	M. M. Zajkowski	Jul-74	Bridges & Special Structures Design
<u>RR-377</u>	Michigan Intercity Bus Study - Phase 1	Michigan Dept. of State Highways	Jul-74	Multi-Modal
<u>RR-378</u>	1974 National Transportation Study - Narrative Report	Resource Planning Associates	Jul-74	Administration & Management
<u>RR-379</u>	1st Annual Report of Michigan's Overall Highway Safety Improvement Program	Traffic and Safety Division	Aug-74	Transportation Safety
<u>RR-380</u>	A Traffic Accident Analysis of High Accident Locations in the city of Marquette	R. G. Lariviere	Aug-74	Transportation Safety
<u>RR-381</u>	Analysis of Interstate Accidents in Michigan	A. H. Yang	Aug-74	Transportation Safety
<u>RR-382</u>	"Spraygrip" Epoxy Non-Skid Seal	A. P. Chritz	Aug-74	Materials
<u>RR-383</u>	MI Statewide Transportation Modeling System: Economic and Travel Impacts of Speed Limit Reduction Using a Statewide Transportation Modeling System - Report No 14	Bureau of Transportation Planning	Sep-74	Planning
<u>RR-384</u>	MI Statewide Transportation Modeling System: Statewide Travel Impact Analysis Procedures - Vol 10-A	Bureau of Transportation Planning	Sep-74	Planning
<u>RR-385</u>	Operating Manual for Intersection Capacity Analysis Computer Program	D. J. Mercer, T. L. Maleck	Oct-74	Systems, Maintenance & Operations
<u>RR-386</u>	Efficiency of Vibrators in Consolidating Paving Concrete	F. E. Legg	Oct-74	Pavement Design & Pavement Performance
<u>RR-387</u>	MI Statewide Transportation Modeling System: Statewide Socio-Economic and Transportation Resources and Their Role in Intercity Transportation Decisions - Vol 1-I	Bureau of Transportation Planning	Nov-74	Planning
<u>RR-388</u>	MI Statewide Transportation Modeling System: Model Applications Cost-Benefit Analysis - Vol 1-E	Bureau of Transportation Planning	Nov-74	Planning

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<u>RR-389</u>	MI Statewide Transportation Modeling System: Modeling Major Facility Opening Impact on DHV Percent Trends - Vol 7-B	Bureau of Transportation Planning	Nov-74	Planning
<u>RR-390</u>	MI Statewide Transportation Modeling System: Multi-Modal Mobility and Accessibility Analysis -Vol 13A	Bureau of Transportation Planning	Nov-74	Planning
RR-391	Safety Aspects of the 55 MPH Speed Limit	N. Enustun	Dec-74	Transportation Safety
<u>RR-392</u>	MI Statewide Transportation Modeling System: Responding to the Governor's Special Commission on Energy: Modeling Gasoline Consumption - Vol I-M	Bureau of Transportation Planning	Dec-74	Planning
<u>RR-393</u>	MI Statewide Transportation Modeling System: 1972 Statewide Rail Network: Summary Tabulations - Vol 13B	Bureau of Transportation Planning	Dec-74	Planning
<u>RR-394</u>	Low Temperature Measurement of Asphalts for Viscosity and Ductility	E. Tons, T. Funazaki, R. Moore	Dec-74	Pavement Design & Pavement Performance
<u>RR-395</u>	2nd Annual Report of Michigan's Overall Highway Safety Improvement Program: 1974-1975	Traffic and Safety Division	1975	Transportation Safety
<u>RR-396</u>	No Passing Zone Resurvey of State Highways	C. L. Richard	1975	Transportation Safety
<u>RR-397</u>	A Traffic Accident Analysis and Traffic Control Devices Inventory in Washtenaw County	Traffic and Safety Division	1975	Systems, Maintenance & Operations
<u>RR-398</u>	Origin and Destination Report: Howell O&D Study	Michigan Dept. of State Highways	1975	Planning
<u>RR-399</u>	Origin and Destination Report: Sanilac Co. Rural O&D Study - Statewide Zone 426	Michigan Dept. of State Highways	1975	Planning
<u>RR-400</u>	Developing a Transportation Systems Plan for the Western Portion of Michigan's Upper Peninsula	Michigan Dept. of State Highways	1975	Administration & Management
<u>RR-401</u>	Benton Harbor-St. Joseph Transportation Study-Study of Future Year (2000) Vehicle Trips	Bureau of Transportation Planning	1975	Planning
<u>RR-402</u>	Frankenmuth Area Transportation Study - Part 1 - Origin and Destination Study	Michigan Dept. of State Highways	1975	Planning
<u>RR-403</u>	A Report of the Study Committee on the "Benefits to the State of Michigan of a Statewide Coordinate System"	Michigan Dept. of State Highways	1975	Administration & Management
<u>RR-404</u>	Design Guides for Roadside Safety Improvement Program: Task 1	Traffic and Safety Division	Jan-75	Transportation Safety
<u>RR-405</u>	MI Statewide Transportation Forecasting Model: US-23 Corridor Location Study Preliminary Travel Impact Analysis - Report No 17	Bureau of Transportation Planning	Jan-75	Planning
<u>RR-406</u>	Michigan Accident Location Index (MALI)	Michigan Dept. of State Police	Jan-75	Transportation Safety

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RR-407	1973 Accident Profiles for the State Highway System	S. D. Lingeman	Mar-75	Transportation Safety
<u>RR-408</u>	MI Statewide Transportation Modeling System: Preliminary Investigation: A Technique for the Projection of Accident Rates - Report No 11	Bureau of Transportation Planning	Apr-75	Planning
RR-409	MI Statewide Transportation Modeling System: Graphic Display of Fixed-Object Accident Area - Report No. 10	Bureau of Transportation Planning	Apr-75	Planning
<u>RR-410</u>	Effects of the Energy Crisis and 55 MPH Speed Limit in Michigan	UoM	Apr-75	Transportation Safety
<u>RR-411</u>	An Evaluation of the US Railway Association Preliminary System Plan As It Pertains to the Ann Arbor Railroad	V. M. Malanaphy & Associates, Inc	Apr-75	Multi-Modal
<u>RR-412</u>	Michigan Bus Rapid Transit Demo Program: Phase 1	GM Transportation Systems Division	May-75	Multi-Modal
<u>RR-413</u>	Feasibility Study of Reserved Bus-Car Pool Lanes for Jeffries Freeway (I-96) - Vol 1 & 2	Michigan Dept. of State Highways	Jun-75	Multi-Modal
<u>RR-414</u>	MI Statewide Transportation Modeling System: Commodity Flow Matrix-Ann Arbor Railroad - Vol 14A	Bureau of Transportation Planning	Jul-75	Planning
<u>RR-415</u>	6-7	Bureau of Transportation Planning	Jul-75	Planning
<u>RR-416</u>	MI Statewide Transportation Modeling System: Commodity Flow Matrix-Michigan Railroads 1% Sample - Vol 14-C	Bureau of Transportation Planning	Jul-75	Planning
<u>RR-417</u>	Sylvax UPM Patching Material 1974-1975: Interim Report	Maintenance Division	Jul-75	Materials
<u>RR-418</u>	2nd Annual Report of Michigan's Overall Highway Safety Improvement Program	Traffic and Safety Division	Aug-75	Transportation Safety
<u>RR-419</u>	MI Statewide Transportation Modeling System: A Method for Functionally Classifying Rural Arterial Highways - Report No 13	Bureau of Transportation Planning	Sep-75	Planning
<u>RR-420</u>	MI Statewide Transportation Modeling System: A Method for Functionally Classifying Rural Arterial Highways - Vol 12	Bureau of Transportation Planning	Sep-75	Planning
<u>RR-421</u>	Michigan DART Program - Status Report	Michigan Dept. of State Highways	Oct-75	Multi-Modal
<u>RR-422</u>	Report on a Study of Michigan's Aviation Development Program - 1975 Update	Aeronautics Commission	Oct-75	Multi-Modal
<u>RR-423</u>	Northwest Regional Transportation Study - Status Report	Michigan Dept. of State Highways	Nov-75	Administration & Management
<u>RR-424</u>	Report on Operations of Willow Run Airport and Recommendations for Future Action	M. Horwich, M. Dawson	Nov-75	Multi-Modal

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<u>RR-425</u>	Skid Testing of Pavement Markings	C. L. Richard	Dec-75	Pavement Design & Pavement Performance
<u>RR-426</u>	3rd Annual Report of Michigan's Overall Highway Safety Improvement Program: 1975-1976	Traffic and Safety Division	1976	Transportation Safety
<u>RR-427</u>	A Traffic Accident Analysis in Ottawa County	J. L. Meszaros	1976	Transportation Safety
<u>RR-428</u>	Developing a Transportation Systems Plan for Northeast Lower Michigan	Michigan Dept. of State Highways	1976	Administration & Management
<u>RR-429</u>	Developing a Transportation Systems Plan for East Central Michigan	Michigan Dept. of State Highways	1976	Administration & Management
<u>RR-430</u>	M-121 Bristol Rd Single Station Origin Destination Study - Factual Data Report	Michigan Dept. of State Highways	1976	Planning
<u>RR-431</u>	Traverse City Area External Origin Destination Study - Factual Data Report	Michigan Dept. of State Highways	1976	Planning
<u>RR-432</u>	MI Statewide Transportation Modeling System: Railroad Financial Impact Analysis - Vol 15A	Bureau of Transportation Planning	Jan-76	Planning
<u>RR-433</u>	MI Statewide Transportation Modeling System: Multi-Modal Analysis: Dial a Ride - Vol 16	Bureau of Transportation Planning	Jan-76	Planning
<u>RR-434</u>	MI Statewide Transportation Modeling System: Statewide Intermodal Impact Analysis- Truck and Rail - Vol 17	Bureau of Transportation Planning	Jan-76	Planning
<u>RR-435</u>	MI Statewide Transportation Modeling System: Conversion of Dept. of Commerce Industrial Expansion File - Vol 8-A	Bureau of Transportation Planning	Feb-76	Planning
<u>RR-436</u>	· ·	Bureau of Transportation Planning	Feb-76	Planning
<u>RR-437</u>	Michigan DART Program - Status Report	Michigan Dept. of State Highways	Feb-76	Multi-Modal
<u>RR-438</u>	1974 National Transportation Study Update - 1990 Plan Update Narrative Report	Resource Planning Associates	Feb-76	Administration & Management
<u>RR-439</u>	MI Statewide Transportation Modeling System: I-69 Impact on the Accessibility of Health, Fire, and Ambulance Services to Residential Areas - Report No 15	Bureau of Transportation Planning	Mar-76	Planning
<u>RR-440</u>	MI Statewide Transportation Modeling System: Cutline Analysis Program - Vol 18	Bureau of Transportation Planning	Mar-76	Planning
<u>RR-441</u>	Michigan's Statewide Transportation Modeling System: Report Abstracts	Bureau of Transportation Planning	Mar-76	Planning
<u>RR-442</u>	Weigh Station Design and Operation Study in Michigan	Michigan Dept. of State Highways	Mar-76	Commercial Vehicle Enforcement

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<u>RR-443</u>	Michigan Transportation Study	Market Opinion Research	Apr-76	Administration & Management
<u>RR-444</u>	Eight Year Corrosion Test Report - 8 Mile Road Interchange	J. C. Zoccola	Apr-76	Bridges & Special Structures Design
<u>RR-445</u>	MI Statewide Transportation Modeling System: Efficient Network Updating with Interactive Graphics - Vol II-A	Bureau of Transportation Planning	May-76	Planning
<u>RR-446</u>	Study Design for Willow Run Airport	Stanford Research Institute	May-76	Multi-Modal
<u>RR-447</u>	Evaluation of TOPICS project: Intersection Reconstruction M-143 at Harrison Rd East Lansing	N. Enustun	Jun-76	Roadway Design
<u>RR-448</u>	Open Graded Skid Resistant Bituminous Concrete Surfaces	UoM	Jun-76	Pavement Design & Pavement Performance
<u>RR-449</u>	Standardization of Asphalt Viscosity and Mix Design Procedures	UoM	Jun-76	Pavement Design & Pavement Performance
<u>RR-450</u>	Highway Construction Management	The Associates	Jun-76	Construction
<u>RR-451</u>	Capacity and Level of Service Analysis: US-23 Bypass South of Standish	East Multi-Regional Planning Section	Aug-76	Planning
<u>RR-452</u>	A Study of Two-Lane Rural Roadside Accidents	UoM	Aug-76	Transportation Safety
<u>RR-453</u>	The Michigan Highway Program 1950-1976 and Projections	L. Beckon	Aug-76	Administration & Maintenance
<u>RR-454</u>	A Traffic Accident Analysis and Traffic Control Devices Inventory in the city of Mount Clemens	R. G. Lariviere	Sep-76	Systems, Maintenance & Operations
<u>RR-455</u>	General Aviation Activity in the State of Michigan	Aeronautics Commission	Sep-76	Multi-Modal
<u>RR-456</u>	MI Statewide Transportation Modeling System: Amtrak Market Area Analysis System Application - Report No 21	Bureau of Transportation Planning	Oct-76	Planning
<u>RR-457</u>	MI Statewide Transportation Modeling System: Crisis or Opportunity: Application of an Operational Statewide Transportation Modeling System - Report No 16	Bureau of Transportation Planning	Oct-76	Planning
<u>RR-458</u>	MI Statewide Transportation Modeling System: Automated Desire Line Plotting - Vol 10-A1	Bureau of Transportation Planning	Oct-76	Planning
<u>RR-459</u>	The Michigan Photolog System	M. P. Fenner	Nov-76	Systems, Maintenance & Operations
<u>RR-460</u>	Bridge Decks in Michigan: A Summary of Research and Performance	C. J. Arnold	Aug-76	Bridges & Special Structures Design

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<u>RR-461</u>	MI Statewide Transportation Modeling System: Conversion of the Agricultural Census File - Vol 9-B	Bureau of Transportation Planning	Nov-76	Planning
<u>RR-462</u>	State of Michigan Comprehensive Public Transportation Inventory	Mass Transportation Planning Section	Nov-76	Asset Management
<u>RR-463</u>	Operational Characteristics of 100-foot Double Trailer/Tractor Combinations in Michigan	Traffic and Safety Division	Dec-76	Commercial Vehicle Enforcement
<u>RR-464</u>	A Study to Identify Hydroplaning Accidents	N. Enustun	Dec-76	Transportation Safety
<u>RR-465</u>	MI Statewide Transportation Modeling System: Reference Handbook No. 6 - 547 Zone System	Bureau of Transportation Planning	Dec-76	Planning
<u>RR-466</u>	MI Statewide Transportation Model: School District Data File - Vol 9-D	Bureau of Transportation Planning	Dec-76	Planning
<u>RR-467</u>	MI Statewide Transportation Modeling System: Michigan's Rail Crossing Inventory and Analysis Process - Vol 13C	Bureau of Transportation Planning	Dec-76	Planning
<u>RR-468</u>	Economic Benefits of Lake Michigan Car Ferry Service - Vol 1 & 2	Tera, Inc.	Dec-76	Multi-Modal
<u>RR-469</u>	4th Annual Report of Michigan's Overall Highway Safety Improvement Program: 1976-1977	Traffic and Safety Division	1977	Transportation Safety
<u>RR-470</u>	A Documentation Paper on the Citizen Participation Effort in the Pre-Study Phase of the Region 8/14 Regional Systems Transportation Study	Bureau of Transportation Planning	1977	Administration & Management
<u>RR-471</u>	Summary of Michigan's Transportation Needs - 1977-1989	Michigan Dept. of State Hwys & Transportation	1977	Administration & Management
<u>RR-472</u>	MI Statewide Transportation Modeling System: Tree Plotting with Interactive Graphics - Vol II-B	Bureau of Transportation Planning	Jan-77	Planning
<u>RR-473</u>	Final Recommendations of the Governor's Interagency Transportation Coordinating Council	Interagency Transportation Coordinating Council	Jan-77	Administration & Management
RR-474	Rest Area Needs Study	Maintenance Division	Jan-77	Tourism
<u>RR-475</u>	Sylvax U.P.M. Patching Material	Maintenance Division	Jan-77	Materials
RR-476	Radial Tire Performance, Cost/Benefit and Fuel Efficiency Considerations	C. D. Church	Feb-77	Materials
<u>RR-477</u>	Repeated Load Triaxial Testing State of the Art	MSU	Mar-77	Pavement Design & Pavement Performance
<u>RR-478</u>	Downriver Truck Study	Wilbur Smith and Associates	Apr-77	Commercial Vehicle Enforcement

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<u>RR-479</u>	Concrete Median Barrier Study During Periods of Snow Accumulation	W. H. Opland	May-77	Transportation Safety
<u>RR-480</u>	Analysis of Truck Accidents in Michigan	Traffic and Safety Division	Jun-77	Transportation Safety
<u>RR-481</u>	MI Statewide Transportation Modeling System: Appendix A: Netedit Command Directory - Vol II-A	Bureau of Transportation Planning	Jun-77	Planning
RR-482	Michigan Transportation Needs Study - Work Program	Research Planning Associates, Inc.	Jun-77	Administration & Management
<u>RR-483</u>	Central Upper Peninsula Regional Transportation Plan	Central Upper Peninsula Planning and Development Regional Commission	Jun-77	Administration & Management
<u>RR-484</u>	Color Card Survey - M-43 & M-89 Village of Richard, Kalamazoo County	Bureau of Transportation Planning	Jul-77	Planning
<u>RR-485</u>	MI Statewide Transportation Modeling System: Reference Handbook No 1 - Statewide Bus Ticket Survey Travel Characteristics	Bureau of Transportation Planning	Aug-77	Planning
<u>RR-486</u>	MI Statewide Transportation Modeling System: Automatic Network Generator Using Interactive Graphics - Vol 3-B	Bureau of Transportation Planning	Aug-77	Planning
<u>RR-487</u>	Southwestern Michigan Regional Public Transportation Study	ATE Management and Service Company	Aug-77	Administration & Management
<u>RR-488</u>	An Evaluation of the Federal Section 147 Eastern UP Rural Transportation Project	Bus Development Section	Sep-77	Multi-Modal
RR-489	Michigan Scheduled Air Service Report - Final Technical Report	Roger Creighton Associates	Oct-77	Multi-Modal
<u>RR-490</u>	MI Statewide Transportation Modeling System: Traffic Forecasting for a Special Generator - Vol 10-A2	Bureau of Transportation Planning	Nov-77	Planning
<u>RR-491</u>	Michigan Intercity Bus Study - Phase 2	MDOT	Nov-77	Multi-Modal
<u>RR-492</u>	Energy Requirements for Pavement Construction	UoM	Dec-77	Pavement Design & Pavement Performance
<u>RR-493</u>	A Study of Accident Experience at Michigan Trunkline Intersection Control Beacon Installations	UoM	Dec-77	Transportation Safety
<u>RR-494</u>	Bituminous Mix Design Using Rubber Additives	UoM	Dec-77	Materials
<u>RR-495</u>	5th Annual Report of Michigan's Overall Highway Safety Improvement Program: 1977-1978	Traffic and Safety Division	1978	Transportation Safety

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<u>RR-496</u>	M-32 Single Stations Origin Destination Survey - Otsego County - Factual Data Report	State Transportation Commission	1978	Planning
<u>RR-497</u>	M-68 Single Stations Origin Destination Survey - Cheboygan County - Factual Data Report	State Transportation Commission	1978	Planning
<u>RR-498</u>	M-72 Single Stations Origin Destination Survey - Crawford County - Factual Data Report	State Transportation Commission	1978	Planning
<u>RR-499</u>	Petoskey External Origin Destination Survey - Factual Data Report	Michigan Dept. of State Hwys & Transportation	1978	Planning
<u>RR-500</u>	An Operations Evaluation of a Zone Dial-A-Ride in a Mid-Michigan County	Bus Development Section	1978	Multi-Modal
RR-501	Rural Carpool Parking in Michigan	Highway Planning Division	Jan-78	Multi-Modal
RR-502	MI Statewide Transportation Modeling System: Impact of Population and Energy on Transportation Needs a Multi Modal Approach - Vol 13D	Bureau of Transportation Planning	Mar-78	Planning
<u>RR-503</u>	Michigan Transportation Services for Seniors and Handicappers	Bus Development Section	Mar-78	Multi-Modal
<u>RR-504</u>	MI Statewide Transportation Modeling System: Reference Handbook No 2 - Michigan's Permanent Traffic Recorder Trends: Potential Application in Transportation Planning - Energy Analysis	Bureau of Transportation Planning	Apr-78	Planning
<u>RR-505</u>	MI Statewide Transportation Forecasting Model: Population Projections 547 Zone System - Vol I-P	Bureau of Transportation Planning	May-78	Planning
<u>RR-506</u>	US-31 and US-10 Mason County Project Justification Report	Michigan Dept. of State Hwys & Transportation	May-78	Planning
<u>RR-507</u>	Michigan Scheduled Air Service Study Summary Report	Roger Creighton Associates	May-78	Multi-Modal
<u>RR-508</u>	A Study of the Feasibility of a Proposed Ferry Service Between Detour Village, MI and Meldrum Bay, Manitoulin Island	Commerce Travel	May-78	Multi-Modal
<u>RR-509</u>	Guidelines for Traffic Control in School Areas	Office of Highway Safety Planning	Jul-78	Transportation Safety
<u>RR-510</u>	Michigan DART Program - Status Report	Bus Transport Division	Jul-78	Multi-Modal
<u>RR-511</u>	5th Annual Report of Michigan's Overall Highway Safety Improvement Program	Traffic and Safety Division	Aug-78	Transportation Safety
<u>RR-512</u>	Northwest Regional Transportation Study	Michigan Dept. of State Hwys & Transportation	Aug-78	Administration & Management
<u>RR-513</u>	Northwest Regional Transportation Study - Study Activities	Michigan Dept. of State Hwys & Transportation	Aug-78	Administration & Management

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<u>RR-514</u>	MI Statewide Transportation Modeling System: Ref Handbook No 3 - Minor Origin & Destination Travel Characteristics: Region 1	Bureau of Transportation Planning	Sep-78	Planning
<u>RR-515</u>	MI Statewide Transportation Modeling System: Ref Handbook No 3 - Minor Origin & Destination Travel Characteristics: Region 2	Bureau of Transportation Planning	Sep-78	Planning
<u>RR-516</u>	MI Statewide Transportation Modeling System: Ref Handbook No 3 - Minor Origin & Destination Travel Characteristics: Region 3	Bureau of Transportation Planning	Sep-78	Planning
<u>RR-517</u>	MI Statewide Transportation Modeling System: Ref Handbook No 3 - Minor Origin & Destination Travel Characteristics: Region 4	Bureau of Transportation Planning	Sep-78	Planning
<u>RR-518</u>	MI Statewide Transportation Modeling System: Ref Handbook No 3 - Minor Origin & Destination Travel Characteristics: Region 5	Bureau of Transportation Planning	Sep-78	Planning
<u>RR-519</u>	MI Statewide Transportation Modeling System: Ref Handbook No 3 - Minor Origin & Destination Travel Characteristics: Region 7	Bureau of Transportation Planning	Sep-78	Planning
<u>RR-520</u>	MI Statewide Transportation Modeling System: Ref Handbook No 3 - Minor Origin & Destination Travel Characteristics: Region 8	Bureau of Transportation Planning	Sep-78	Planning
<u>RR-521</u>	MI Statewide Transportation Modeling System: Ref Handbook No 3 - Minor Origin & Destination Travel Characteristics: Region 9	Bureau of Transportation Planning	Sep-78	Planning
<u>RR-522</u>	MI Statewide Transportation Modeling System: Ref Handbook No 3 - Minor Origin & Destination Travel Characteristics: Region 10	Bureau of Transportation Planning	Sep-78	Planning
<u>RR-523</u>	MI Statewide Transportation Modeling System: Ref Handbook No 3 - Minor Origin & Destination Travel Characteristics: Region 13	Bureau of Transportation Planning	Sep-78	Planning
<u>RR-524</u>	Level of Service Concepts in Urban Public Transportation	W. Taylor, J. Brogan	Sep-78	Multi-Modal
<u>RR-525</u>	Roles for the Private Sector in Public Transportation	J. P. Farrell	Sep-78	Multi-Modal
<u>RR-526</u>	An Analysis of the Intercity Bus Industry and the Michigan Bus Subsidy Program	W. C. Taylor	Sep-78	Multi-Modal
<u>RR-527</u>	An Assessment of Waste Oil Utilization Potential in the State of Michigan	H. M. Bunch	Sep-78	Environmental
<u>RR-528</u>	Digital Data Communication Features in Public Transit Systems: Executive Summary	wsu	Sep-78	Multi-Modal
<u>RR-529</u>	Client Transportation and Services Coordination in Michigan	Michigan Dept. of State Hwys & Transportation	Sep-78	Multi-Modal
<u>RR-530</u>	Interim Glarefoil Report	Traffic and Safety Division	Oct-78	Materials
<u>RR-531</u>	Digital Data Communication Features in Public Transit Systems: Technology Assessment	WSU	Oct-78	Systems, Maintenance & Operations

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<u>RR-532</u>	6th Annual Report of Michigan's Overall Highway Safety Improvement Program: 1978-1979	Traffic and Safety Division	1979	Transportation Safety
<u>RR-533</u>	Alpena External Origin & Destination Study - Factual Data Report	State Transportation Commission	1979	Planning
<u>RR-534</u>	Evaluation of Motor Vehicle Emissions Inspection / Maintenance Programs for Michigan	Pacific Environmental Services, Inc	1979	Environmental
RR-535	No Report			
<u>RR-536</u>	Michigan's Aviation Activity	Aeronautics Commission	1979	Multi-Modal
<u>RR-537</u>	M-57: Producing a Bituminous Wearing Course by Drum Mix Recycling	R. B. Moore, R. A. Welke	Jan-79	Pavement Design & Pavement Performance
<u>RR-538</u>	Cadillac Area External Origin and Destination Survey	MDOT	Feb-79	Planning
<u>RR-539</u>	Phase I Findings: Research and Report on Transit System Evaluation Methodologies	Peat, Marwick, Mitchell and Co.	Mar-79	Multi-Modal
<u>RR-540</u>	I-94 Batch Plant Recycling	J. E. Norton	Apr-79	Pavement Design & Pavement Performance
<u>RR-541</u>	MI Statewide Transportation Modeling System: Accident Rates 547 Zone System - Vol I-O	Bureau of Transportation Planning	Apr-79	Planning
<u>RR-542</u>	Performance Evaluation of Plastic Fabrics as Overlay Reinforcement to Control Reflection Cracking	Testing and Research Division	Jun-79	Pavement Design & Pavement Performance
<u>RR-543</u>	Investigation of an Asphalt-Rubber Interlayer for Reducing or Preventing Reflection Cracking in Bituminous Overlays	Testing and Research Division	Jun-79	Pavement Design & Pavement Performance
<u>RR-544</u>	MI Statewide Transportation Modeling System: Operation and Recalibration - Vol 4-B	Bureau of Transportation Planning	Jun-79	Planning
<u>RR-545</u>	East Central Michigan Transportation Study	East Central Michigan Regional Planning and Development Commission	Jun-79	Planning
<u>RR-546</u>	Northwest Regional Transportation Study	Michigan Dept. of State Hwys & Transportation	Jul-79	Planning
<u>RR-547</u>	6th Annual Report of Michigan's Overall Highway Safety Improvement Program	Traffic and Safety Division	Aug-79	Transportation Safety
<u>RR-548</u>	M-32 Single Stations Origin & Destination Survey - Otsego County - Factual Data Report	MDOT	Aug-79	Planning

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<u>RR-549</u>	A Comparative Analysis of Truck Accidents in the State of Michigan	wsu	Aug-79	Transportation Safety
<u>RR-550</u>	Investigation of a Process Utilizing Latex for Reducing or Preventing Reflection Cracking in Bituminous Overlays Place on Flexible Pavements	State Transportation Commission	Sep-79	Pavement Design & Pavement Performance
<u>RR-551</u>	Assessment of Guidelines for Removing Hazardous Trees from Highway Rights of Way	D. E. Holeinski, A. J. Zeigler	Nov-79	Environmental
<u>RR-552</u>	Michigan Roadside Litter Composition Study	Maintenance Division	Dec-79	Environmental
<u>RR-553</u>	Construction Plan Reading	Michigan Dept. of State Hwys & Transportation	1980	Construction
<u>RR-554</u>	Project Justification Report - I-94BL/M-43 Grade Separation - City of Kalamazoo, Kalamazoo County	Bureau of Transportation Planning	1980	Planning
<u>RR-555</u>	Northwest Michigan Rail System Study	MDOT	1980	Multi-Modal
<u>RR-556</u>	The Development of a Multi-Nominal Logit Travel Demand Model for the Evaluation of Energy and Air Quality Impacts of Transportation Strategies	M. J. Cynecki, S. Khasnabis, M. A. Flak	1980	Environmental
<u>RR-557</u>	Development of Methods to Evaluate Air Quality Control Management Strategies for Hydrocarbons and Carbon Monoxide for the State of Michigan Transportation System	Pacific Environmental Services, Inc	1980	Environmental
<u>RR-558</u>	Michigan's Statewide Transportation Modeling System: Transportation Impact Analysis Using Interactive Color Graphics - Vol 2-D	Bureau of Transportation Planning	Feb-80	Planning
<u>RR-559</u>	Single Station Origin & Destination / Auto-Coding / Place File / Sorted by Statewide Zone Number (1-547)	Michigan Dept. of State Hwys & Transportation	Mar-80	Planning
<u>RR-560</u>	MI Statewide Transportation Modeling System: Interactive Graphic Applications in Michigan's Statewide Transportation Modeling System: Vol 2-C	Bureau of Transportation Planning	Apr-80	Planning
<u>RR-561</u>	Project Justification M-43 Between Riverview and 25th Street - City of Kalamazoo	Bureau of Transportation Planning	Apr-80	Planning
<u>RR-562</u>	MI Statewide Transportation Modeling System: Reference Handbook No. 4 - Truck Commodity Summaries	Bureau of Transportation Planning	May-80	Planning
<u>RR-563</u>	Battle Creek Area Transportation Study - Factual Data Report	Bureau of Transportation Planning	May-80	Administration & Management
<u>RR-564</u>	Equipment and Maintenance Requirements for Light-Weight Accessible Bus Operations	MSU	May-80	Multi-Modal
<u>RR-565</u>	Genesee, Lapeer, Shiawassee - Region V - Transportation Study	MDOT	Jun-80	Planning
<u>RR-566</u>	A Location Design Study Report for the I-94 Airport Rd Interchange: Blackman Twp. Jackson Co.	Design Division	Jun-80	Roadway Design

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<u>RR-567</u>	Michigan's Scheduled Air Service: An Analysis	Air Service Task Force	Jun-80	Multi-Modal
<u>RR-568</u>	Highway Department Demonstration of Solar and Wind Energy	MSU	Jul-80	Environmental
<u>RR-569</u>	A Study of the Role of the Michigan State Transportation Commission in Policy and Program Evaluation	State Transportation Commission, Richard Grefe Assoc., Public Policy Research Assoc., Inc.	Jul-80	Administration & Management
<u>RR-570</u>	7th Annual Report of Michigan's Overall Highway Safety Improvement Program	Traffic and Safety Division	Aug-80	Transportation Safety
<u>RR-571</u>	Cadillac Area Weekend Origin & Destination Survey - Factual Data Report	MDOT	Oct-80	Planning
<u>RR-572</u>	Environmental Assessment for Removal of Hazardous Roadside Trees from Highway Rights of Way	MDOT, FHWA	Oct-80	Environmental
<u>RR-573</u>	Evaluation of Five Safety Improvement Projects	R. E. Maki, L. D. Bunker	Dec-80	Transportation Safety
<u>RR-574</u>	Project BEAR (Broad Emergency Assistance Radio) One Year Evaluation	F. M. Spica	Dec-80	Transportation Safety
<u>RR-575</u>	Future Configuration of Tank Vehicles Hauling Flammable Liquids in Michigan	UoM	Dec-80	Commercial Vehicle Enforcement
<u>RR-576</u>	8th Annual Report of Michigan's Overall Highway Safety Improvement Program: 1980- 1981	Traffic and Safety Division	1981	Transportation Safety
<u>RR-577</u>	An Evaluation of 4-Way Stop Sign Control	P. M. Briglia	Feb-81	Transportation Safety
<u>RR-578</u>	A Positive Guidance Evaluation of a Diagrammatic Signing System	W. H. Opland	Apr-81	Bridges & Special Structures Design
<u>RR-579</u>	Ownership and Jurisdiction of Grade Separation Structures	J. A. Saplis	Jul-81	Administration & Management
<u>RR-580</u>	The Resilient and Plastic Characteristics of Michigan Subgrade Soils and Their Soil Support Values	MSU	Aug-81	Materials
<u>RR-581</u>	MI Statewide Transportation Modeling System: Reference Handbook No. 5 - State Park Attendance Trends	Bureau of Transportation Planning	Sep-81	Planning
<u>RR-582</u>	An Evaluation of 8-Phase Signal Control	P. M. Briglia	Nov-81	Systems, Maintenance & Operations
<u>RR-583</u>	Michigan Transportation Energy Contingency Analysis	Bureau of Transportation Planning	Nov-81	Environmental

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<u>RR-584</u>	Metro Module Traffic Signals	P. M. Briglia	Dec-81	Systems, Maintenance & Operations
<u>RR-585</u>	Maintenance Problems with Small Breakaway and Yielding Sign Supports	W. L. Borton	Dec-81	Bridges & Special Structures Design
<u>RR-586</u>	Michigan Rail System Rationalization Plan - Tier I Report	State Transportation Commission	Dec-81	Multi-Modal
<u>RR-587</u>	Regional Transportation Systems Study - Region 3 - Plan Report	Bureau of Transportation Planning	1982	Multi-Modal
<u>RR-588</u>	An Evaluation of the Effects Traffic Signals Have on Accidents	D. A. Hobrla	Mar-82	Systems, Maintenance & Operations
<u>RR-589</u>	MI Statewide Transportation Modeling System: Travel Forecasting Techniques & Apps: Vol 1-B(2)	Bureau of Transportation Planning	Mar-82	Planning
<u>RR-590</u>	Michigan Rail System Rationalization Plan - Tier II / Phase 1 - The Ann Arbor Report	State Transportation Commission	Mar-82	Multi-Modal
<u>RR-591</u>	A Safety Evaluation of Three-Foot Paved Shoulder Projects in 1977	V. M. Jarvi	May-82	Roadway Design
<u>RR-592</u>	MI Statewide Transportation Modeling System: Planning Productivity-Vol 1	Bureau of Transportation Planning	May-82	Planning
<u>RR-593</u>	Buspools in Michigan	Passenger Transportation Planning Section	May-82	Multi-Modal
<u>RR-594</u>	MI Statewide Traffic Forecasting Model: Statewide Public and Private Facility File - Vol	Bureau of Transportation Planning	Jun-82	Planning
<u>RR-595</u>	Management and Self Evaluation Manual for Public Transit Systems in Michigan	J. M. Holec, D. S. Schwager, A. Evans, Peat, Marwick, Mitchell & Co	Jun-82	Multi-Modal
<u>RR-596</u>	Final Report on a Study to Test and Refine an Evaluation Methodology for Mid-Size Transit Systems in Michigan	J. M. Holec, D. S. Schwager, A. Evans, Peat, Marwick, Mitchell & Co	Jun-82	Multi-Modal
<u>RR-597</u>	MI Statewide Traffic Forecasting Model - Revenue vs Needs: An Analytical Approach - Vol 19A	Bureau of Transportation Planning	Jul-82	Planning
<u>RR-598</u>	Project Evaluation of Community Assistance	U. L. Savage	Aug-82	Administration & Management
<u>RR-599</u>	Procedures for Conducting Consolidated Drained and Consolidated Undrained Triaxial Tests	UoM	Aug-82	Roadway Design

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<u>RR-600</u>	Long Range Transportation Revenue Forecasting - Vol 19	Bureau of Transportation Planning	Sep-82	Administration & Management
<u>RR-601</u>	MI Statewide Transportation Modeling System: Report Abstracts	Bureau of Transportation Planning	Sep-82	Planning
RR-602	Michigan Public Transit Attitude and Awareness Study	N. L. Fredericks	Sep-82	Multi-Modal
<u>RR-603</u>	Program Evaluations of Urban Transportation Planning In Michigan	Multi-Regional Planning Division	Sep-82	Multi-Modal
<u>RR-604</u>	Michigan Public Transit Attitude and Awareness Study - Initial and Follow-Up Report for the Capital Area Transportation Authority	N. L. Fredericks	Sep-82	Multi-Modal
<u>RR-605</u>	Michigan Public Transit Attitude and Awareness Study - Initial and Follow-Up Report for the Ann Arbor Transportation Authority	N. L. Fredericks	Sep-82	Multi-Modal
<u>RR-606</u>	Michigan Public Transit Attitude and Awareness Study - Initial and Follow-Up Report for the Grand Rapids Area Transit Authority	N. L. Fredericks	Sep-82	Multi-Modal
<u>RR-607</u>	Michigan Public Transit Attitude and Awareness Study - Initial and Follow-Up Report for the Kalamazoo Metro Transit	N. L. Fredericks	Sep-82	Multi-Modal
<u>RR-608</u>	MI Statewide Transportation Modeling System: Application of an Input-Output Model to Rail Freight Traffic Forecasting - Vol I-Q	Bureau of Transportation Planning	Nov-82	Planning
<u>RR-609</u>	An Investigation of the Suitability of Lake States Timber Species for Guardrail Posts	мти	Nov-82	Materials
<u>RR-610</u>	Sewage Treatment Systems at Freeway Rest Areas	A. E. Erickson	Dec-82	Tourism
<u>RR-611</u>	10th Annual Report of Michigan's Overall Highway Safety Improvement Program: 1982-1983	Traffic and Safety Division	1983	Transportation Safety
<u>RR-612</u>	Regional Transportation Systems Study - Region 8 - Plan Report	Bureau of Transportation Planning	1983	Planning
<u>RR-613</u>	I-75 Crossing the Saginaw River Near Zilwaukee, Michigan: Investigation of Construction Failure in Northbound Spans 11 and 12	N. Howard, Tammen & Bergendoff	Jan-83	Bridge & Special Structures Design
<u>RR-614</u>	MI Statewide Transportation Modeling System: Secondary Impact Model - Vol 6-B	Bureau of Transportation Planning	Feb-83	Planning
<u>RR-615</u>	MI Statewide Transportation Modeling System: Overview of Michigan's Transportation Planning Package - Vol 6-C	Bureau of Transportation Planning	Apr-83	Planning
<u>RR-616</u>	Nighttime Legibility of License Plates	UoM	Jul-83	Transportation Safety
<u>RR-617</u>	10th Annual Report of Michigan's Overall Highway Safety Improvement Program	Traffic and Safety Division	Aug-83	Transportation Safety

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<u>RR-618</u>	MI Statewide Transportation Modeling System: Availability and Graphic Display of 1980 Census Data - Vol 20	Bureau of Transportation Planning	Aug-83	Planning
<u>RR-619</u>	Michigan Concrete Pavement Recycling	H. J. Halm	Aug-83	Pavement Design & Pavement Performance
<u>RR-620</u>	Feasibility of Private Sector High-Speed Rail Service in the Detroit-Chicago Corridor	MSU	Dec-83	Multi-Modal
<u>RR-621</u>	11th Annual Report of Michigan's Overall Highway Safety Improvement Program: 1983-1984	Traffic and Safety Division	1984	Transportation Safety
<u>RR-622</u>	Regional Transportation Systems Study - Region 14 - Plan Report	Bureau of Transportation Planning	1984	Planning
<u>RR-623</u>	Travel Information Division: Annual Report	Management Services Division	1984	Tourism
<u>RR-624</u>	Needs Study Inventory: Highways, Roads & Streets: Exec Summary	Needs Study Committee	Mar-84	Asset Management
<u>RR-625</u>	Basic Ridership / Simulations / Feeder Bus Analysis - Woodward Corridor	Southeastern Michigan Transportation Authority	Mar-84	Multi-Modal
<u>RR-626</u>	Report of Geophysical Survey - I-696 and Tunnel-Sewer Alignment from Pumphouse to P.I. No. 3A		May-84	Roadway Design
RR-627	MDOT Multi-Modal Program: 1984-85	MDOT	May-84	Multi-Modal
<u>RR-628</u>	Lake Michigan Cross Lake Car Ferry Passenger Demand Market Study-Preliminary Report	мрот	Jun-84	Multi-Modal
RR-629	An Evaluation of Effectiveness of Deer Crossing Warning Signs	W. L. Borton	Sep-84	Transportation Safety
<u>RR-630</u>	St. Mary's River Ferry Study	Passenger Transportation Planning Section	Sep-84	Multi-Modal
<u>RR-631</u>	User's Manual: On Traffic Cost-Effectiveness Evaluation of Barriers	D. J. Mercer	Nov-84	Transportation Safety
<u>RR-632</u>	Salt and the Road Deicing on the Michigan State Highway System	J. VanderMeulen	Nov-84	Materials
<u>RR-633</u>	A Report on the State of the Practice on No Passing Zone Signing and Marking	MSU	Dec-84	Transportation Safety
<u>RR-634</u>	12th Annual Report of Michigan's Overall Highway Safety Improvement Program: 1984-1985	Traffic and Safety Division	1985	Transportation Safety

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<u>RR-635</u>	Travel Information Division: Annual Report	Management Services Division	1985	Tourism
<u>RR-636</u>	Cross Lake Michigan Ferry Study	Bureau of Transportation Planning	Feb-85	Multi-Modal
<u>RR-637</u>	Michigan Control Tower Operations - 1980-1984	Intercity Transportation Planning Division	Apr-85	Multi-Modal
<u>RR-638</u>	Detroit-Chicago Corridor High Speed Rail Technical Report	Intercity Transportation Planning Division	Jun-85	Multi-Modal
RR-639	Rest Area / Roadside Park Administration, Use and Operations	L. F. Twardik, T. Haskell	Jun-85	Tourism
<u>RR-640</u>	Use of Fly Ash in a Highway Shoulder Base Course	UoM	Jun-85	Materials
<u>RR-641</u>	MDOT Multi-Modal Program: 1985-86	MDOT	Jun-85	Multi-Modal
<u>RR-642</u>	Inventory of Intercity Rail Passenger Transportation in Michigan - Report 8	Passenger Transportation Planning Section	Jul-85	Multi-Modal
RR-643	An Investigation of Swareflex Wildlife Warning Reflectors	J. L. Zacks	Jul-85	Transportation Safety
<u>RR-644</u>	Efficacy of Jurisdiction Wide Traffic Control Device Upgradings	MSU	Aug-85	Systems, Maintenance & Operations
<u>RR-645</u>	A Strategy for the Reduction of Nonpoint Source Pollution from Transportation Related Activities in Michigan	R. O. Skoog, J. P. Pitz	Aug-85	Environmental
<u>RR-646</u>	Miller-Linden Area Corridor Analysis Technical Report for the Flint Urban Area	R. G. Adams, L. H. Lambert	Aug-85	Planning
<u>RR-647</u>	Vehicle and Geometric Variables Related to Accidents in Rural No-Passing Zones	MSU	Nov-85	Transportation Safety
<u>RR-648</u>	Michigan Intercity Bus Study - A Comparison of 1985 and 1987 User and Ticket Surveys	MDOT	Dec-85	Multi-Modal
<u>RR-649</u>	13th Annual Report of Michigan's Overall Highway Safety Improvement Program: 1985-1986	Traffic and Safety Division	1986	Transportation Safety
<u>RR-650</u>	Travel Information Division: Annual Report	Management Services Division	1986	Tourism
<u>RR-651</u>	Single Station Origin & Destination / Auto-Coding / Place File / Sorted by County-Place Name	MDOT	Jan-86	Planning
<u>RR-652</u>	Validation of the "Innocent Victim" Concept	MSU	Mar-86	Planning

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<u>RR-653</u>	Michigan Bus Rapid Transit Demo Program-Phase 1A: Preliminary Design of Bus Rapid Transit in the Southfield/Jefferies Corridor	GM Transportation Systems	Apr-86	Multi-Modal
<u>RR-654</u>	A Background Report on Truck Safety, Revenue and Taxation, Truck Services and Highway Facilities	MDOT	May-86	Commercial Vehicle Enforcement
<u>RR-655</u>	Michigan Air Carrier Airport Statistics 1981-1985	Passenger Transportation Planning Section	May-86	Multi-Modal
<u>RR-656</u>	Michigan Control Tower Operations - 1981-1985	Intercity Transportation Planning Division	May-86	Multi-Modal
<u>RR-657</u>	Revenue and Expenditure Inventory and Retrieval Process for Michigan Counties or Incorporated Cities and Villages: I-R	Bureau of Transportation Planning	Jun-86	Administration & Maintenance
<u>RR-658</u>	Forces Affecting Highway Transportation Revenue & Costs in Michigan	A. R. Friend, G. J. Phillips	Jul-86	Administration & Maintenance
RR-659	MDOT Multi-Modal Program: 1986-87	MDOT	Jul-86	Multi-Modal
<u>RR-660</u>	13th Annual Report of Michigan's Overall Highway Safety Improvement Program	Traffic and Safety Division	Aug-86	Transportation Safety
RR-661	MI Statewide Transportation Modeling System: Population Projections - Vol I -P/A	Bureau of Transportation Planning	Aug-86	Planning
RR-662	Analysis of Drummond Island Ferry System	UoM	Aug-86	Multi-Modal
<u>RR-663</u>	Michigan University / College Student Home Location Study	R. L. Kuehne, D. C. Hollandsworth	Sep-86	Planning
<u>RR-664</u>	UPTRAN State Assistance to Transit Agencies Project Needs Assessment and Organization Study	ATE Management and Service Company, Inc	Sep-86	Multi-Modal
<u>RR-665</u>	Operations Evaluation Study of the Harbor Transit System	Bus Transit Division	Dec-86	Multi-Modal
RR-666	Michigan Public Transit - Profiles in Service	Bureau of Urban and Public Transportation	1987	Multi-Modal
<u>RR-667</u>	Travel Information Division: Annual Report	Management Services Division	1987	Tourism
<u>RR-668</u>	Transportation In Michigan History - Sesquicentennial Series	P. P. Mason	1987	Administration & Management
<u>RR-669</u>	Vehicle/Tree Accident Risk and Management of Roadside Trees	A. J. Zeigler	Jan-87	Roadway Design
<u>RR-670</u>	Michigan Intercity Bus Terminal / Station Study	R. L. Kuehne, J. K. Becker	Mar-87	Multi-Modal

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<u>RR-671</u>	The Indirect Tensile Test - A New Apparatus	MSU	Mar-87	Pavement Design & Pavement Performance
<u>RR-672</u>	St. Mary's River Ferry System Analysis - Fare Impact and Demand Estimation	Intercity Transportation Planning Division	Mar-87	Multi-Modal
<u>RR-673</u>	Truck Safety in Michigan: Background and Proposed Actions	Bureau of Transportation Planning	May-87	Commercial Vehicle Enforcement
RR-674	MDOT Multi-Modal Program: 1987-88	MDOT	May-87	Multi-Modal
<u>RR-675</u>	Michigan Air Carrier Airport Statistics 1982-1986	Passenger Transportation Planning Section	May-87	Multi-Modal
<u>RR-676</u>	Program Review of Local Efforts in Transportation Services	F. X. McKelvey, R. W. Lyles	Jul-87	Multi-Modal
<u>RR-677</u>	Sampling and Analysis of Structural Steel Member of a Highway Bridge - Case Studies 1974-1987	S. R. Kulkarni, L. Pearson	Jul-87	Bridge & Special Structures Design
<u>RR-678</u>	The Use of Funneling as a Traffic Control Device to Reduce Speeds Within Freeway Construction Zones	K. T. Steudle	Aug-87	Transportation Safety
RR-679	Michigan Public Transit Attitude and Awareness Study	N. L. Fredericks	Sep-87	Multi-Modal
<u>RR-680</u>	MI Statewide Transportation Modeling System: Project Prioritization Modeling System - Vol I-S	Bureau of Transportation Planning	Nov-87	Planning
RR-681	Mastic Asphalt for Maintenance	UoM	Dec-87	Materials
<u>RR-682</u>	Transportation Safety in Michigan - Annual Report	MDOT	1988	Transportation Safety
<u>RR-683</u>	Rebuilding the Lodge: The Role of Communication in Rebuilding Detroit's John R Lodge Freeway	Southeast Michigan Council of Governments	1988	Administration & Management
<u>RR-684</u>	Southwestern Michigan Employer/Work Commuter Study	Bureau of Transportation Planning	Feb-88	Multi-Modal
<u>RR-685</u>	Analysis of Speed Zoning Effectiveness	MSU	Mar-88	Transportation Safety
<u>RR-686</u>	Analysis of Accident Rates of Heavy-Duty Vehicles	UoM	Apr-88	Transportation Safety
<u>RR-687</u>	An Investigation of the Suitability of Great Lake States Timber Species for Guardrail Posts	K. L. Hancock, J. B. Mayer	May-88	Materials

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<u>RR-688</u>	MDOT Multi-Modal Program: 1988-89	мдот	May-88	Multi-Modal
<u>RR-689</u>	Analysis of 53' Trailer Usage in the United States	Bureau of Transportation Planning	Jun-88	Planning
<u>RR-690</u>	Cost Effectiveness Pavement Markings	wsu	Jun-88	Systems, Maintenance & Operations
<u>RR-691</u>	An Evaluation of the Detroit Freeway Operations (Scandi) Project	MSU	Jun-88	Systems, Maintenance & Operations
<u>RR-692</u>	The Safety of Farm Truck Operations	UoM	Jun-88	Transportation Safety
<u>RR-693</u>	15th Annual Report of Michigan's Overall Highway Safety Improvement Program: 1987-1988	Traffic and Safety Division	Aug-88	Transportation Safety
<u>RR-694</u>	An Analysis of Current and Future Deterioration of Michigan's State, County and City Roads	Michigan Road Builders Association	Aug-88	Asset Management
<u>RR-695</u>	Traffic Signal Installation and Safety	wsu	Sep-88	Systems, Maintenance & Operations
<u>RR-696</u>	Design Review of Breakaway Sign Supports Used by MDOT	FHWA	Dec-88	Bridge & Special Structures Design
<u>RR-697</u>	Transportation Safety in Michigan - Annual Report	MDOT	1989	Transportation Safety
<u>RR-698</u>	Senior and Handicapper Assessment Project: Final Report	Bureau of Urban and Public Transportation	1989	Multi-Modal
RR-699	US-131, Cadillac to Manton - Wexford County Project Justification Report	мдот	Jan-89	Planning
<u>RR-700</u>	Pavement Marking Management Information System (PM-MIS) & Users Guide	WSU	Feb-89	Systems, Maintenance & Operations
<u>RR-701</u>	Examination of Features Proposed for Improving Truck Safety	UoM	May-89	Commercial Vehicle Enforcement
<u>RR-702</u>	MDOT Multi-Modal Program: 1989-90	MDOT	May-89	Multi-Modal
<u>RR-703</u>	1988 Michigan Air Carrier Airport Operations	Passenger Transportation Planning Section	Aug-89	Multi-Modal
<u>RR-704</u>	Value of Airports to their Communities - Economic Impact of Aviation on Michigan – Vol 1 & 2	Wilbur Smith and Associates	Aug-89	Multi-Modal
RR-705	No Report			

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<u>RR-706</u>	Standing Committee on Planning Technical Seminar Proceedings: Detroit, MI, Nov 2-3, 1989	MDOT	Nov-89	Administration & Maintenance
<u>RR-707</u>	UPTRAN Technical Assistance Needs Assessment and Action Plan	Ann Arbor Planning Associates	1990	Multi-Modal
<u>RR-708</u>	State Trunkline Accident Surveillance Program - St. Clair County	L. P. Smith, W. T. Lebel	Jan-90	Transportation Safety
<u>RR-709</u>	State Trunkline Accident Surveillance Program - City of Detroit	B. D. Agrawal, F. Kassouf, W. T. Lebel	Mar-90	Transportation Safety
<u>RR-710</u>	The Michigan Heavy Truck Study	UoM	Apr-90	Commercial Vehicle Enforcement
<u>RR-711</u>	A Study of Road Damage Due to Dynamic Wheel Loads Using a Load Measuring Mat	UoM	Apr-90	Pavement Design & Pavement Performance
<u>RR-712</u>	Action Plan for Cantilever Sign Problem	J. D. Culp, M. Witteveen, H. L. Wong	Apr-90	Bridge & Special Structures Design
<u>RR-713</u>	MDOT Multi-Modal Program: FY 1991	MDOT	May-90	Multi-Modal
<u>RR-714</u>	Value of Capital City Airport to the Greater Lansing/Tri-County Area	MDOT	May-90	Multi-Modal
<u>RR-715</u>	A High Pressure Method of Bitumen Extraction from Asphalt Pavement	T. J. Houser	Jun-90	Pavement Design & Pavement Performance
<u>RR-716</u>	Specialized Services Coordinated Plan for Southeast Michigan	Ecosometrics, inc	Jun-90	Multi-Modal
RR-717	No Report			
<u>RR-718</u>	1989 Michigan Air Carrier Statistics	Passenger Transportation Planning Section	Aug-90	Multi-Modal
<u>RR-719</u>	Transportation: A Foundation for the Future-MDOT's Vision for the 1990's	MDOT	Oct-90	Administration & Management
<u>RR-720</u>	A Comparison of Routing Algorithms for Demand Activated Bus Service	MSU	1991	Multi-Modal
<u>RR-721</u>	Factors Affecting Deterioration of Transverse Cracks in Jointed Reinforced Concrete Pavements	MSU	Jan-91	Pavement Design & Pavement Performance
<u>RR-722</u>	An Investigation of Design, Maintenance and Operating Procedures of Wheelchair Lifts on Transit Buses (Phase I)	WSU	Mar-91	Multi-Modal
<u>RR-723</u>	Truck Weight Enforcement and Safety Inspection Study – Vol 1 & 2	Wilbur Smith and Associates	May-91	Commercial Vehicle Enforcement

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<u>RR-724</u>	Planning the Metropolitan Transportation Center (MTC)	ERIM	Jul-91	Systems, Maintenance & Operations
<u>RR-725</u>	Safety and Structural Implications of Seat Belts on Transit Buses – Phase II & III	WSU	Sep-91	Transportation Safety
RR-726	MDOT Multi-Modal Program: FY 1992	MDOT	Oct-91	Multi-Modal
<u>RR-727</u>	Michigan-Ontario Railroad Border Crossing Infrastructure: An Evaluation of Modernization Proposal Benefits and Recommendations for Future Action	J. C. Taylor	Dec-91	Multi-Modal
<u>RR-728</u>	Crash Tests of R4 Retrofit and Open Parapet Bridge Rails	Materials and Technology Division	Feb-92	Bridge & Special Structures Design
<u>RR-729</u>	16-ft Wide Mobile Home Study - Vol 1 & 2	UoM	Mar-92	Planning
RR-730	Comparison of Speed Zoning Procedures and Their Effectiveness	Martin R Parker & Associates, Inc.	Sep-92	Transportation Safety
<u>RR-731</u>	Cell-Probe: An Operational Field Test in Metro Detroit to Evaluate the Mobile Cellular Phone as a Traffic Probe	MDOT	Oct-92	Systems, Maintenance & Operations
<u>RR-732</u>	Methods for Estimating Truck Exposure	MSU	1993	Commercial Vehicle Enforcement
<u>RR-733</u>	An Investigation of Design, Maintenance and Operating Procedures of Wheelchair Lifts on Transit Buses (Phase II)	WSU	Jun-93	Multi-Modal
<u>RR-734</u>	Effect of Large Trucks on Traffic Safety and Operations	UoM	Jun-93	Transportation Safety
<u>RR-735</u>	Evaluation of the Dynamic Strength of Guardrail Posts Made from Recycled Plastic	Southwest Research Institute	Oct-93	Materials
<u>RR-736</u>	The Use of Selected Deicing Materials on Michigan Roads: Environmental and Economic Impacts	Public Sector Consultants, Inc.	Dec-93	Environmental
<u>RR-737</u>	Assessment of the Benefits of Two-Way Center Left Turn Lanes - Phase 1	wsu	1994	Planning
RR-738	Study of Compressive Strength of Concrete Cylinders Tested with Neoprene Capping Versus Hydrostone Capping	R. D. Till, T. J. Hohm	Jan-94	Materials
<u>RR-739</u>	Study of Institutional Impacts of New Technology Applications - St. Clair & Detroit Rivers Highway Crossings	Marshall, Macklin, Monaghan Ltd	May-94	Systems, Maintenance & Operations
<u>RR-740</u>	A Report on the Development of an Emission Particulate Trap System for Diesel Bus Engines	MSU	Jun-94	Environmental
<u>RR-741</u>	Lansing Transit Coordination Study	Gorove/Slade Associates, Inc.	Aug-94	Multi-Modal

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<u>RR-742</u>	Tracking Safety Belt Citations in Michigan: Testing the "Multiple Citation" UD-8	UoM	Sep-94	Transportation Safety
<u>RR-743</u>	Direct Observation of Safety Belt Use in Michigan - Fall 1994	UoM	Oct-94	Transportation Safety
<u>RR-744</u>	The Michigan Transportation Conformity Air Quality State Implementation Plan (SIP) Revision	MDOT, FHWA, EPA	Nov-94	Environmental
<u>RR-745</u>	An Investigation of Design, Maintenance and Operating Procedures of Wheelchair Lifts on Transit Buses (Phase III)	wsu	Dec-94	Multi-Modal
<u>RR-746</u>	Bus Preemption Signal (BPS): An Application of an Advanced Public Transportation System (APTS)	MSU	1995	Multi-Modal
<u>RR-747</u>	Moments Due to Trucks Measured on Selected Bridges in the Detroit Area	UoM	Jan-95	Bridge & Special Structures Design
<u>RR-748</u>	The State of Michigan Trunk Line Story	S. D. Lingeman	Feb-95	Administration & Management
<u>RR-749</u>	Direct Observation of Safety Belt Use in Michigan - Fall 1995	UoM	Oct-95	Transportation Safety
<u>RR-750</u>	Dynamic Modeling of a Truck Equipped with an Underbody Midmounted Snowplow Blade	UoM	Nov-95	Facilities & Fleet Management
<u>RR-751</u>	Roadway Warning System Study for Michigan Department of Transportation - Phase 1 & 2	Midwestern Consulting	May-96	Systems, Maintenance & Operations
<u>RR-752</u>	Field Condition Review of Completed Highway Preventative Maintenance Projects	B. T. Bellner	Jun-96	Systems, Maintenance & Operations
<u>RR-753</u>	Congestion Analysis of Southfield Freeway	MSU	Dec-96	Planning
<u>RR-754</u>	An Evaluation of the Michigan 70 MPH Speed Limit	MSU	Dec-96	Transportation Safety
<u>RR-755</u>	Development of a Crash Reduction Model for Horizontal Curves	MSU	Oct-97	Planning
<u>RR-756</u>	The Safety Effects of Signalizing Intersections	MSU	Nov-97	Systems, Maintenance & Operations
<u>RR-757</u>	An Evaluation of the Michigan Urban Diamond Interchange with respect to the Single Point Urban Interchange	MSU	Feb-98	Planning
RR-758	No Report			
<u>RR-759</u>	1997 Work Zone Speed Study	MSU	Aug-98	Transportation Safety

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RR-760	No Report			
<u>RR-761</u>	Reconstruction of Rigid Pavements Using Asphalt Pavement Alternatives	MSU	Nov-98	Pavement Design & Pavement Performance
<u>RR-762</u>	Michigan's State of the System Report: Congestion Profile	Transportation Planning Division	Dec-98	Planning
<u>RR-763</u>	Logo Signing Pilot Program	UoM	Dec-98	Systems, Maintenance & Operations
<u>RR-764</u>	Grand River Ave (M-43) Pedestrian Study	UoM	1999	Non-Motorized Planning & Development
<u>RR-765</u>	MDOT 201: An Introduction to Transportation Issues in Michigan	MDOT	1999	Administration & Management
<u>RR-766</u>	An Evaluation and Calibration of MDOT's Work Zone Delay Model: Draft Final Report	MSU	May-99	Systems, Maintenance & Operations
<u>RR-767</u>	An Evaluation of Speed Control Techniques in Work Zones	MSU	Jul-99	Transportation Safety
<u>RR-768</u>	Conversion of Streets from One-Way to Two-Way Operation	MSU	2000	Transportation Safety
<u>RR-769</u>	Parking on the State Trunkline System	UoM	2000	Asset Management
<u>RR-770</u>	Effect on Crashes Due to Construction of Directional Crossovers to Replace Bidirectional Crossovers	MSU	Feb-00	Transportation Safety
<u>RR-771</u>	The Impact of Raising the Speed Limit on Freeways in Michigan – Vol 1 & 2	MSU	Aug-00	Transportation Safety
<u>RR-772</u>	Research Program Strategic Direction to Support and Improve the Transportation Program Objectives	S. Kulkarni	Oct-00	Administration & Management
<u>RR-773</u>	Guidelines for Four-Lane to Three-Lane Conversions	MSU	2001	Planning
<u>RR-774</u>	Identification of Locations Suitable for Raising the Speed Limit on Full Access Roads in Michigan	MSU	Sep-01	Transportation Safety
<u>RR-775</u>	Marketing and Implementation of Research Results (MIRR) - Best Practices Review	MDOT, Missouri DOT, FHWA	Dec-01	Administration & Management
<u>RR-776</u>	Dix-Toledo Road Stress Relieving/Waterproofing Membrane Project	K. Jost, S. Minton, E. Muller II, S. Paris	Apr-02	Pavement Design & Pavement Performance
RR-777	No Report			

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<u>RR-778</u>	Comparison of Steel Overhead Sign Support Structures	MTU	Dec-03	Bridge & Special Structures Design
<u>RR-779</u>	Bridge Deterioration and Its Impact on Bridge Rating: A Parametric Study	S. Kulkarni	May-()4	Bridge & Special Structures Design
<u>RR-780</u>	Michigan Highways and Electronics	Michigan State Hwy Dept.	1961	Systems, Maintenance & Operations
RR-781	No Report			
<u>RR-782</u>	Live Load Distribution Factors for Closely Spaced Prestressed Concrete Box Beams	S. Kulkarni	OCT-10	Bridge & Special Structures Design
<u>RR-783</u>	Keys to Green Streets: Collaboration and Sound Engineering	City of Grand Rapids	Nov-13	Environmental