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Statewide Transportation Analysis & Research

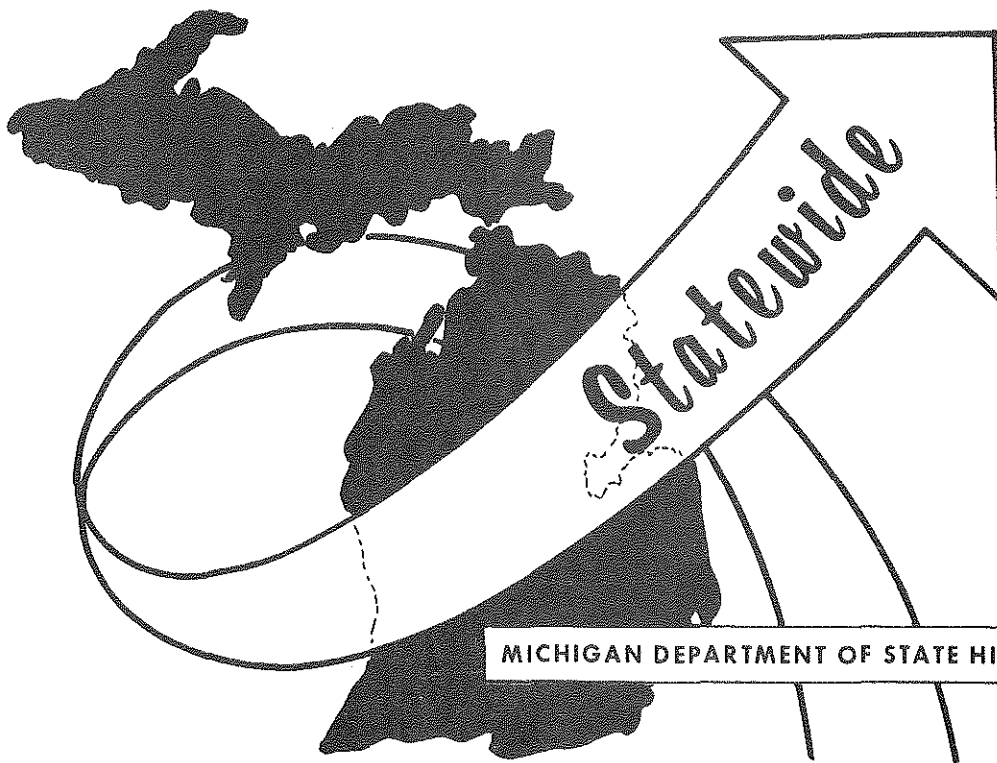
MICHIGAN'S STATEWIDE TRANSPORTATION
MODELING SYSTEM

1972 STATEWIDE RAIL NETWORK:
SUMMARY TABULATIONS

STATEWIDE RESEARCH & DEVELOPMENT

DECEMBER, 1974

Vol. XIII-B



MICHIGAN DEPARTMENT OF STATE HIGHWAYS AND TRANSPORTATION

MICHIGAN DEPARTMENT

OF

STATE HIGHWAYS AND TRANSPORTATION BUREAU OF TRANSPORTATION PLANNING

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JOHN P. WOODFORD, DIRECTOR

December 13, 1974

Mr. Edgerton W. Bailey, Manager
Rail Planning Section
Modal Planning Division

Dear Mr. Bailey:

The following report contains the rail summary tabulations which were recently requested by the Rail Planning Section. The rail link network and the rail node file, developed by Statewide Interagency Procedures Research and Development Section, were the sources of the tabulated data presented here. These two files now also contain the data fields which were coded under the direction of Mr. Chuck Eisle of CONSAD Research Corporation. After the necessary editing and merging of the CONSAD data was accomplished, several computer programs were developed which systematically summarized the data appearing in the following requested tables.

Sincerely,

A handwritten signature in dark ink that reads "Richard E. Esch".

Mr. Richard E. Esch, Manager
Statewide Interagency Procedures
Research and Development Section



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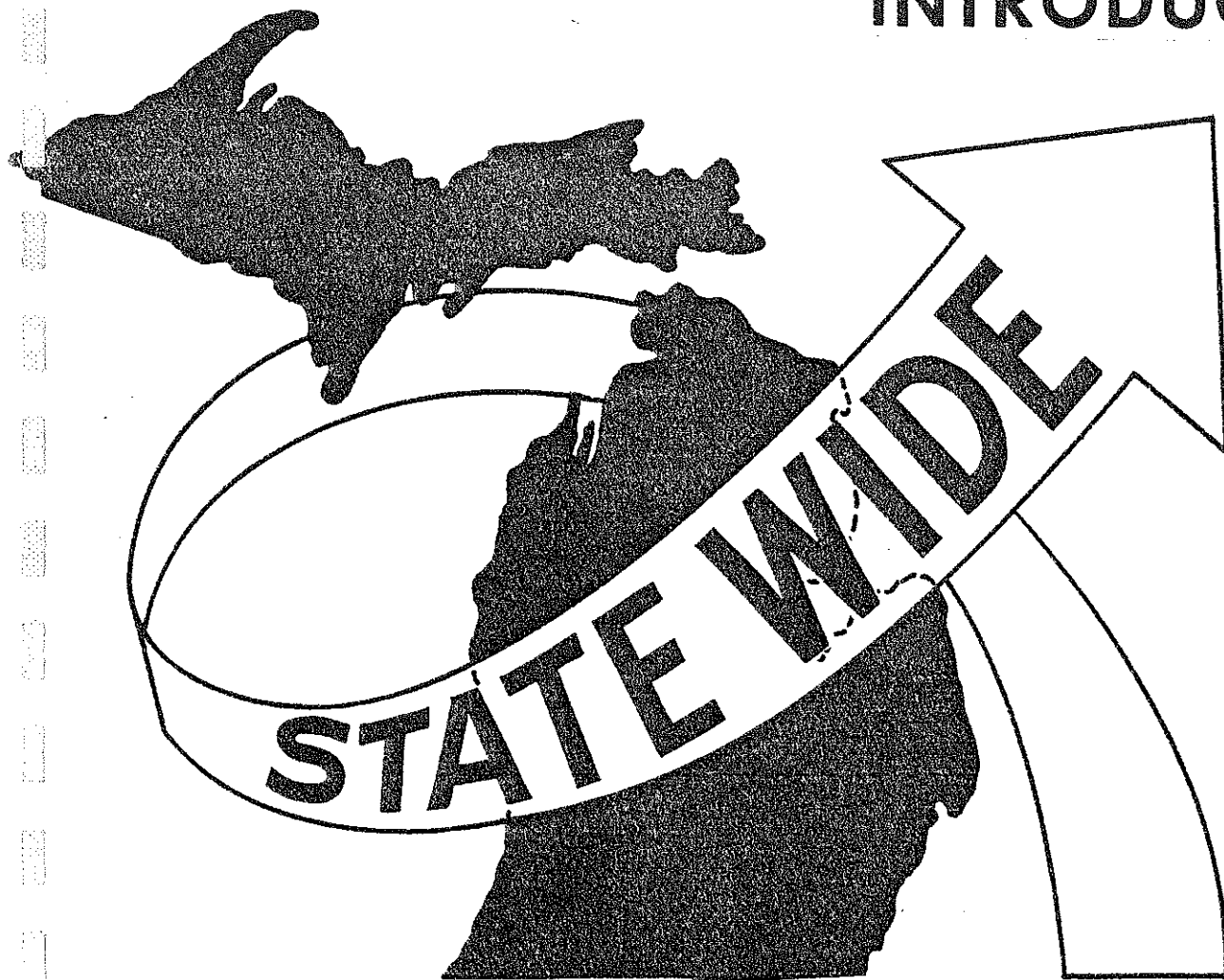
"1972 STATEWIDE RAIL NETWORK:
SUMMARY TABULATIONS"

BY

JOYCE NEWELL

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INTRODUCTION



INTRODUCTION

Improvement of public transportation and freight shipping is rapidly becoming a very vital concern to all transportation planners. For this reason, a multi-modal transportation modeling package is currently being developed. This system presently contains highway, bus, rail, and air networks for the state of Michigan. The development of this package was discussed in considerable detail in the July 1974 report entitled "Michigan Goes Multi-Modal". Since that report was released, several improvements and additions to the system have been completed. One major addition was made on the rail network and will be described here.

The rail network was prepared to resemble the existing highway network. Each rail station was given an unique "node" number, with corresponding coordinates for plotting purposes. Then each segment of rail tracks may be uniquely identified by the pair of station numbers which lie at each end of that segment. Such a piece of rail track is referred to as a "link", and each link extends from one station to another or to an intersection of two rail lines. Each link contains many pieces of information pertaining to it. A list of the information now coded on these links will follow shortly. The first six pieces of data existed on the network when the July 1974 multi-modal report was written; the last five were coded by Chuck Eisle of CONSAD Research Corporation, working with the Rail Planning Section and with Statewide Research and Development Section.

In addition to the "link file" mentioned above, another file, which is referred to as the "node file", was created. This file lists information pertaining to each station or node number. The last six pieces of information on this file were also added by CONSAD.

A list of the node file information follows:

- 1 - Station node number
- 2 - Zone of station's residence
- 3 - Station name
- 4 - County of station's residence
- 5 - Standard Place Location Code Number
- 6 - Freight Station Accounting Code Number
- 7 - Railroad Code Number
- 8 - 1972 FRA Carloads (originating plus terminating)
- 9 - 1972 FRA Tonnages (originating plus terminating)
- 10 - USRA Segment Number

The link file information now available, with explanations for each code, follows here:

- 1 - Distance
 - 2 - Destination Zone
 - 3 - Maximum Speed
 - 4 - Control Section Number
 - 5 - Number of Tracks
 - 6 - Track Company Binary Code
 - 7 - 1972 FRA Density Class
 - 1 - 0 - .9 gross tons/yr. (mill.)
 - 2 - 1 - 4.9 gross tons/yr. (mill.)
 - 3 - 5 - 9.9 gross tons/yr. (mill.)
- } As defined by the
Rail Planning Section
of the Modal Planning
Division

- 4 - 10 - 19.9 gross tons/yr. (mill.)
- 5 - 20 - 29.9 gross tons/yr. (mill.)
- 6 - 30 - 39.9 gross tons/yr. (mill.)
- 8 - USRA Segment Number
- 9 - RPS Preliminary Functional Classification
 - 1 - Interstate Mainline
 - 2 - State Mainline
 - 3 - State Secondary Line
 - 4 - Local Line
 - 5 - Potential Abandonments
- 10 - Abandonment Status
 - 1 - Petition for Abandonment Filed
- 11 - Planning Status
 - 1 - USDOT Potentially Excess
 - 2 - USDOT Viable
 - 3 - USRA Viable
 - 4 - USRA under analysis
 - 5 - USRA Non-Viable
 - 6 - USDOT Potentially excess and USRA under analysis
 - 7 - USDOT Viable and USRA under analysis

Several summary tables have been requested by the Rail Planning Section which would combine the above data for analysis purposes. For convenience, a list of those tables is given here:

Link
File

- 1 - Mileage by RR by 1972 FRA Density
- 2 - Mileage by RR by Preliminary Functional Class
- 3 - Mileage by RR by Planning Status
- 4 - Mileage by RR by Abandonment Status
- 5 - Mileage by RR by RPS Segment Lines
- 6 - Mileage by RR by Number of Tracks

Node
File

- 7 - Cars by RR by County
- 8 - Tons by RR by County
- 9 - Cars by RR by Planning Region
- 10 - Tons by RR by Planning Region
- 11 - List of Nodes & Data for each USRA Segment Number

Link
and
Node
File

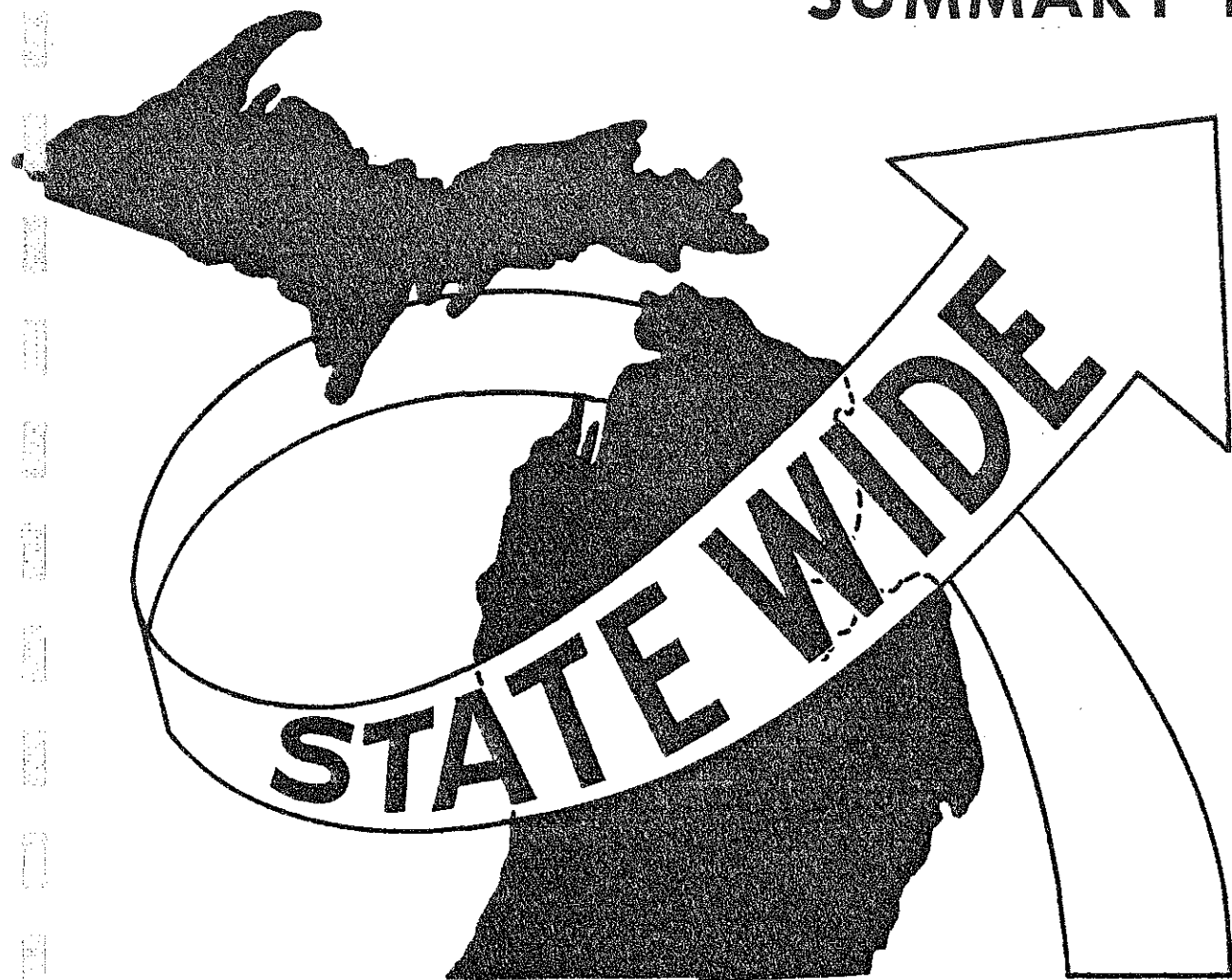
- 12 - Cars by RR by Preliminary Functional Class
Maximum class used at intersections
- 13 - Cars by RR by Preliminary Functional Class
Minimum class used at intersections
- 14 - Cars by RR by Preliminary Functional Class
Minimum class greater than zero used at intersections
- 15 - Tons by RR by Preliminary Functional Class
Maximum class used at intersections
- 16 - Tons by RR by Preliminary Functional Class
Minimum class used at intersections
- 17 - Tons by RR by Preliminary Functional Class
Minimum class greater than zero used at intersections
- 18 - Cars by RR by Abandonment Status
Maximum class used at intersections
- 19 - Cars by RR by Abandonment Status
Minimum class used at intersections
- 20 - Tons by RR by Abandonment Status
Maximum class used at intersections

21 - Tons by RR by Abandonment Status
Minimum class used at intersections

Several small computer programs were written to quickly and easily prepare each of these tables.

Summaries such as those in this report are only one example of the possibilities presented by the growing multi-modal system. Each of the modes presently developed - highway, rail, air and bus - are available for similar use.

SUMMARY TABLES



MILEAGE BY RAILROAD BY 1972 FRA DENSITY CLASS

STATEWIDE TRANSPORTATION MODELING SYSTEM

	0	1	2	3	4	5	6	TOTAL
ANN ARBOR RAILROAD	0.00	5.00	179.80	68.69	4.60	0.00	0.00	258.09
BOYNE CITY RAILROAD	7.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00
CADILLAC & LAKE CITY RAILWAY	10.84	0.00	0.00	0.00	0.00	0.00	0.00	10.84
CHESAPEAKE & OHIO RAILWAY	190.09	157.67	554.87	1.10	234.05	239.04	0.00	1376.82
CHICAGO & NORTH WESTERN RAILRD	22.30	137.66	88.88	91.68	0.00	0.00	0.00	340.52
CHICAGO, MILWAUKEE, ST. PAUL & PACIFIC RR	0.00	124.99	24.00	0.00	0.00	0.00	0.00	148.99
DELRAY CONNECTING RAILROAD	10.72	0.00	26.60	0.00	0.00	0.00	0.00	37.32
DETROIT & MACKINAC RAILWAY	230.48	0.00	26.60	0.00	0.00	0.00	0.00	257.08
DETROIT & TOLEDO S L RAILROAD	36.87	0.00	26.60	0.00	25.29	0.00	0.00	88.76
DETROIT TERMINAL RAILROAD	19.32	0.00	0.00	0.00	0.00	0.00	0.00	19.32
DET, TOL & IRONTON RAILROAD	60.39	9.10	26.60	8.19	28.30	0.00	5.30	137.88
ESCANABA & LAKE SUP RAILROAD	79.27	0.00	26.60	0.00	0.00	0.00	0.00	105.87
GRAND TRUNK WESTERN RAILROAD	32.39	295.65	186.40	48.99	143.61	139.19	0.00	846.23
LAKE SUP & ISPEMING RAILROAD	25.16	110.00	26.60	0.00	0.00	0.00	0.00	161.76
LUDINGTON & NORTHERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MANISTIQUE & LAKE SUP RAILROAD	10.72	0.00	26.60	0.00	0.00	0.00	0.00	37.32
MARQUETTE & HURON MT. RAILROAD	0.00	25.17	0.00	0.00	0.00	0.00	0.00	25.17
NORFOLK AND WESTERN RAILWAY	19.08	0.00	0.00	5.40	59.17	0.00	0.00	83.65
PENN CENTRAL RAILROAD	263.07	635.72	587.09	41.93	297.22	0.00	4.61	1829.64
PORT HURON & DET RAILROAD	15.95	0.00	0.00	6.00	0.00	0.00	0.00	21.95
SOO LINE RAILROAD	17.89	406.41	163.88	0.00	0.00	0.00	0.00	588.18
WYANDOTTE SOUTHERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYANDOTTE TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OUTSTATE LINKS	9361.36	5.50	0.00	0.00	0.00	0.00	0.00	9366.86
TOTAL	10412.90	1912.87	1971.12	271.98	792.24	378.23	9.91	15749.25

MILLION GROSS TONS

0	-	NO DATA RECORDED
1	-	0 - 0
2	-	1 - 4.9
3	-	5 - 9.9
4	-	10 - 19.9
5	-	20 - 29.9
6	-	30 - 39.9

MILEAGE BY RAILROAD BY RPS PRELIMINARY FUNCTIONAL CLASSIFICATION

STATEWIDE TRANSPORTATION MODELING SYSTEM

	0	1	2	3	4	5	TOTAL
ANN ARBOR RAILROAD	8.50	1.10	4.60	0.00	104.78	139.11	258.09
BOYNE CITY RAILROAD	7.00	0.00	0.00	0.00	0.00	0.00	7.00
CADILLAC & LAKE CITY RAILWAY	10.84	0.00	0.00	0.00	0.00	0.00	10.84
CHESAPEAKE & OHIO RAILWAY	92.22	19.64	491.99	174.78	396.40	201.79	1376.82
CHICAGO & NORTH WESTERN RAILRD	8.31	0.00	0.00	133.66	167.76	30.79	340.52
CHICAGO, MIL, ST. PAUL & PACIFIC RR	0.00	0.00	0.00	117.00	31.99	0.00	148.99
DELRAY CONNECTING RAILROAD	0.00	0.00	37.32	0.00	0.00	0.00	37.32
DETROIT & MACKINAC RAILWAY	0.00	0.00	37.32	189.76	30.00	0.00	257.08
DETROIT & TOLEDO S L RAILROAD	51.44	0.00	37.32	0.00	0.00	0.00	88.76
DETROIT TERMINAL RAILROAD	19.32	0.00	0.00	0.00	0.00	0.00	19.32
DET, TOL & IRONTON RAILROAD	47.07	7.70	37.32	30.79	15.00	0.00	137.88
ESCANABA & LAKE SUP RAILROAD	0.00	0.00	37.32	0.00	68.55	0.00	105.87
GRAND TRUNK WESTERN RAILROAD	82.38	208.67	106.01	62.18	227.07	159.92	846.23
LAKE SUP & ISPEMING RAILROAD	5.00	0.00	37.32	21.89	97.55	0.00	161.76
LUDINGTON & NORTHERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MANISTIQUE & LAKE SUP RAILROAD	0.00	0.00	37.32	0.00	0.00	0.00	37.32
MARQUETTE & HURON MT. RAILROAD	0.00	0.00	0.00	0.00	25.17	0.00	25.17
NORFOLK AND WESTERN RAILWAY	25.68	57.97	0.00	0.00	0.00	0.00	83.65
PENN CENTRAL RAILROAD	376.16	131.54	545.14	70.81	467.86	238.13	1829.64
PORT HURON & DET RAILROAD	0.00	0.00	0.00	0.00	21.95	0.00	21.95
SDD LINE RAILROAD	15.00	0.00	191.38	276.42	90.25	15.13	588.18
WYANDOTTE SOUTHERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYANDOTTE TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OUTSTATE LINKS	9361.36	0.00	5.50	0.00	0.00	0.00	9366.86
TOTAL	10110.28	426.62	1605.86	1077.29	1744.33	784.87	15749.25

- 0 - NO CLASSIFICATION ASSIGNED
- 1 - INTERSTATE MAINLINE
- 2 - STATE MAINLINE
- 3 - STATE SECONDARY LINE
- 4 - LOCAL LINE
- 5 - POTENTIAL ABANDONMENTS

MILEAGE BY RAILROAD BY PLANNING STATUS

STATEWIDE TRANSPORTATION MODELING SYSTEM

	0	1	2	3	4	5	6	7	TOTAL
ANN ARBOR RAILROAD	10.10	223.31	24.68	0.00	0.00	0.00	0.00	0.00	258.09
BOYNE CITY RAILROAD	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00
CADILLAC & LAKE CITY RAILWAY	10.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.84
CHESAPEAKE & OHIO RAILWAY	40.70	509.31	791.45	0.00	10.14	0.00	7.39	17.83	1376.62
CHICAGO & NORTH WESTERN RAILRD	340.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	340.52
CHICAGO, MIL, ST. PAUL & PACIFIC RR	148.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	148.99
DELRAY CONNECTING RAILROAD	37.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.32
DETROIT & MACKINAC RAILWAY	37.32	0.00	219.76	0.00	0.00	0.00	0.00	0.00	257.08
DETROIT & TOLEDO S L RAILROAD	46.91	0.00	41.85	0.00	0.00	0.00	0.00	0.00	88.76
DETROIT TERMINAL RAILROAD	19.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.32
DET, TOL & IRONTON RAILROAD	97.65	0.00	40.23	0.00	0.00	0.00	0.00	0.00	137.88
ESCANABA & LAKE SUP RAILROAD	105.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.87
GRAND TRUNK WESTERN RAILROAD	60.52	327.35	429.88	0.00	0.00	0.00	28.48	0.00	846.23
LAKE SUP & ISPEMING RAILROAD	89.76	72.00	0.00	0.00	0.00	0.00	0.00	0.00	161.76
LUDINGTON & NORTHERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MANISTIQUE & LAKE SUP RAILROAD	37.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.32
MARQUETTE & HURON MT. RAILROAD	25.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.17
NORFOLK AND WESTERN RAILWAY	4.50	0.00	79.15	0.00	0.00	0.00	0.00	0.00	83.65
PENN. CENTRAL RAILROAD	154.37	87.19	389.98	0.00	49.72	0.00	1020.97	127.41	1829.64
PORT HURON & DET RAILROAD	21.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.95
SDD LINE RAILROAD	588.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	588.18
WYANDOTTE SOUTHERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYANDOTTE TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OUTSTATE LINKS	9361.36	0.00	0.00	0.00	5.50	0.00	0.00	0.00	9366.86
TOTAL	11245.67	1219.16	2016.98	0.00	65.36	0.00	1056.84	145.24	15749.25

- 0 - NO STATUS ASSIGNED
- 1 - USDOT POTENTIALLY EXCESS
- 2 - USDOT VIABLE
- 3 - USRA VIABLE
- 4 - USRA UNDER ANALYSIS
- 5 - USRA NON-VIABLE
- 6 - USDOT POTENTIALLY EXCESS AND USRA UNDER ANALYSIS
- 7 - USDOT VIABLE AND USRA UNDER ANALYSIS

MILEAGE BY RAILROAD BY ABANDONMENT STATUS

STATEWIDE TRANSPORTATION MODELING SYSTEM

	0	1	TOTAL
ANN ARBOR RAILROAD	236.09	22.00	258.09
BOYNE CITY RAILROAD	7.00	0.00	7.00
CADILLAC & LAKE CITY RAILWAY	10.84	0.00	10.84
CHESAPEAKE & OHIO RAILWAY	1304.80	72.02	1376.82
CHICAGO & NORTH WESTERN RAILRD	340.52	0.00	340.52
CHICAGO, MIL., ST. PAUL & PACIFIC RR	148.99	0.00	148.99
DELRAY CONNECTING RAILROAD	37.32	0.00	37.32
DETROIT & MACKINAC RAILWAY	257.08	0.00	257.08
DETROIT & TOLEDO S. L. RAILROAD	88.76	0.00	88.76
DETROIT TERMINAL RAILROAD	19.32	0.00	19.32
DET., TOL. & IRONTON RAILROAD	137.88	0.00	137.88
ESCANABA & LAKE SUP RAILROAD	105.87	0.00	105.87
GRAND TRUNK WESTERN RAILROAD	810.23	36.00	846.23
LAKE SUP & ISPEMING RAILROAD	161.76	0.00	161.76
LUDINGTON & NORTHERN RAILWAY	0.00	0.00	0.00
MANISTIQUE & LAKE SUP RAILROAD	37.32	0.00	37.32
MARQUETTE & HURON MT. RAILROAD	25.17	0.00	25.17
NORFOLK AND WESTERN RAILWAY	83.65	0.00	83.65
PENN CENTRAL RAILROAD	1346.01	483.63	1829.64
PORT HURON & DET RAILROAD	21.95	0.00	21.95
SOO LINE RAILROAD	588.18	0.00	588.18
WYANDOTTE SOUTHERN RAILROAD	0.00	0.00	0.00
WYANDOTTE TERMINAL RAILROAD	0.00	0.00	0.00
OUTSTATE LINKS	9366.86	0.00	9366.86
TOTAL	15135.60	613.65	15749.25

0 - NO ABANDONMENT PETITION FILED
 1 - FILED FOR ABANDONMENT

AGE RAILROADS CONTROL SECTION NUMBERS
STATEWIDE TRANSPORTATION MODELING SYSTEM

	0	10102	10103	10104	10105	10106	10107	10201	30101
ANN ARBOR RAILROAD	0.00	10.10	14.29	46.80	55.00	59.50	65.30	0.00	0.00
BOYNE CITY RAILROAD	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CADILLAC & LAKE CITY RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.84
CHESAPEAKE & OHIO RAILWAY	37.76	0.00	0.00	1.10	0.00	0.00	0.00	0.00	0.00
CHICAGO & NORTH WESTERN RAILRD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHICAGO, MILWAUKEE, ST. PAUL & PACIFIC RR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DELRAY CONNECTING RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT & MACKINAC RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT & TOLEDO S L RAILROAD	3.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DET, TOL, & IRONTON RAILROAD	25.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ESCANABA & LAKE SUP RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TRUNK WESTERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LAKE SUP & ISHPEMING RAILROAD	28.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LUDINGTON & NORTHERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MANISTIQUE & LAKE SUP RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARQUETTE & HURON MT. RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NORFOLK AND WESTERN RAILWAY	8.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PENN CENTRAL RAILROAD	104.09	0.00	0.00	0.00	0.00	0.00	0.00	10.46	0.00
PORT HURON & DET RAILROAD	21.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOO LINE RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYANDOTTE SOUTHERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYANDOTTE TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OUTSTATE LINKS	9366.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	9577.27	10.10	14.29	46.80	55.00	59.50	65.30	10.46	10.84

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MILEAGE BY RAILROAD BY RPS CONTROL SECTION NUMBERS
STATEWIDE TRANSPORTATION MODELING SYSTEM

	40101	40102	40201	40202	40208	40301	40401	40501	40601
ANN ARBOR RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BOYNE CITY RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CADILLAC & LAKE CITY RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHESAPEAKE & OHIO RAILWAY	46.20	37.69	20.50	65.97	9.90	7.10	10.60	23.70	26.26
CHICAGO & NORTH WESTERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHICAGO, MILWAUKEE, ST. PAUL & PACIFIC RR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DELRAY CONNECTING RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT & MACKINAC RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT & TOLEDO S L RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DET, TOL, & IRONTON RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ESCANABA & LAKE SUP RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TRUNK WESTERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LAKE SUP & ISHPEMING RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LUDINGTON & NORTHERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MANISTIQUE & LAKE SUP RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARQUETTE & HURON MT. RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NORFOLK AND WESTERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PENN CENTRAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PORT HURON & DET RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOO LINE RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYANDOTTE SOUTHERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYANDOTTE TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OUTSTATE LINKS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	46.20	37.69	20.50	65.97	9.90	7.10	10.60	23.70	26.26

TABLE 5 (CONTINUED)

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MILEAGE BY RAILROAD BY RPS CONTROL SECTION NUMBERS
STATEWIDE TRANSPORTATION MODELING SYSTEM

	40602	40603	40604	40605	40606	40607	40608	40701	40801
ANN ARBOR RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BOYNE CITY RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CADILLAC & LAKE CITY RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHESAPEAKE & OHIO RAILWAY	61.29	42.70	23.00	25.39	42.85	17.18	30.96	26.50	28.70
CHICAGO & NORTH WESTERN RAILRD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHIG, MIL, ST. PAUL & PACIFIC RR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DELRAY CONNECTING RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT & MACKINAC RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT & TOLEDO S L RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DET, TOL, & IRONTON RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ESCANABA & LAKE SUP RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TRUNK WESTERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LAKE SUP & ISHPEMING RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LUDINGTON & NORTHERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MANISTIQUE & LAKE SUP RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARQUETTE & HURON MT. RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NORFOLK AND WESTERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PENN CENTRAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FORT HURON & DET RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SDD LINE RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KYANDOTTE SOUTHERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KYANDOTTE TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OUTSTATE LINKS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	61.29	42.70	23.00	25.39	42.85	17.18	30.96	26.50	28.70

MILEAGE BY RAILROAD BY RPS CONTROL SECTION NUMBERS
STATEWIDE TRANSPORTATION MODELING SYSTEM

	40802	41001	41002	41101	41201	41301	41401	41501	41502
ANN ARBOR RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BOYNE CITY RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CADILLAC & LAKE CITY RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHESAPEAKE & OHIO RAILWAY	81.28	32.09	47.19	19.59	10.35	15.80	14.70	18.01	23.23
CHICAGO & NORTH WESTERN RAILRD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHIG,MIL,ST.PAUL&PACIFIC RR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DELRAY CONNECTING RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT & MACKINAC RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT,TOLEDO S L RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DET, TOL, & IRONTON RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ESCANABA & LAKE SUP RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TRUNK WESTERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LAKE SUP & ISHPEMING RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LUDINGTON & NORTHERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MANISTIQUE & LAKE SUP RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARQUETTE & HURON MT.RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NORFOLK AND WESTERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PENN CENTRAL RAILROAD	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PORT HURON & DET RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOO LINE RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYANDOTTE SOUTHERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYANDOTTE TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OUTSTATE LINKS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	81.28	32.09	47.19	19.59	10.35	15.80	14.70	18.01	23.23

TABLE 5 (CONTINUED)

MILEAGE BY RAILROAD BY RPS CONTROL SECTION NUMBERS
STATEWIDE TRANSPORTATION MODELING SYSTEM

	41503	41504	41506	41507	41508	41509	41515	41516	41701
ANN ARBOR RAILROAD	0.00	0.00	4.60	0.00	0.00	0.00	0.00	0.00	0.00
BOYNE CITY RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CADILLAC & LAKE CITY RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHESAPEAKE & OHIO RAILWAY	47.67	33.53	32.70	51.91	13.30	14.39	19.40	8.20	12.20
CHICAGO & NORTH WESTERN RAILRD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHIG,MIL,ST.PAUL&PACIFIC RR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DELRAY CONNECTING RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT & MACKINAC RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT&TOLEDO S L RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DET, TOL, & IRONTON RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ESCANABA & LAKE SUP RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TRUNK WESTERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LAKE SUP & ISHPEMING RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LUDINGTON & NORTHERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MANISTIQUE & LAKE SUP RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARQUETTE & HURON MT. RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NORFOLK AND WESTERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PENN CENTRAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PORT HURON & DET RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOD LINE RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYANDOTTE SOUTHERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYANDOTTE TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OUTSTATE LINKS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	47.67	33.53	32.70	51.91	13.30	14.39	19.40	8.20	12.20

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MILEAGE BY RAILROAD BY RPS CONTROL SECTION NUMBERS
STATEWIDE TRANSPORTATION MODELING SYSTEM

	41801	41901	41902	41903	41904	42001	42101	42201	50101
ANN ARBOR RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BOYNE CITY RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CADILLAC & LAKE CITY RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHESAPEAKE & OHIO RAILWAY	14.70	66.88	31.50	56.97	77.19	16.50	8.80	15.70	0.00
CHICAGO & NORTH WESTERN RAILRD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63.69
CHIG, MIL, ST. PAUL & PACIFIC RR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DELRAY CONNECTING RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT & MACKINAC RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT & TOLEDO S L RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DET, TOL, & IRONTON RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ESCANABA & LAKE SUP RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TRUNK WESTERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LAKE SUP & ISHPEMING RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LUDINGTON & NORTHERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MANISTIQUE & LAKE SUP RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARQUETTE & HURON MT. RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NORFOLK AND WESTERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PENN CENTRAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PORT HURON & DET RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOG LINE RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYANDOTTE SOUTHERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYANDOTTE TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OUTSTATE LINKS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	14.70	66.88	31.50	56.97	77.19	16.50	8.80	15.70	63.69

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MILEAGE BY RAILROAD BY RPS CONTROL SECTION NUMBERS

STATEWIDE TRANSPORTATION MODELING SYSTEM

	50102	50103	50201	50202	50301	60101	60102	60201	80101
ANN ARBOR RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BOYNE CITY RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CADILLAC & LAKE CITY RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHESAPEAKE & OHIO RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHICAGO & NORTH WESTERN RAILRO	74.29	27.10	47.69	92.97	1.10	0.00	0.00	0.00	0.00
CHIC, MIL, ST. PAUL & PACIFIC RR	0.00	0.00	0.00	0.00	0.00	24.00	31.99	93.00	0.00
DELRAY CONNECTING RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT & MACKINAC RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59.78
DETROIT & TOLEDO S L RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DET, TOL, & IRONTON RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ESCANABA & LAKE SUP RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TRUNK WESTERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LAKE SUP & ISHPEMING RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LUDINGTON & NORTHERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MANISTIQUE & LAKE SUP RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARQUETTE & HURON MT. RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NORFOLK AND WESTERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PENN CENTRAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PORT HURON & DET RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOO LINE RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYANDOTTE SOUTHERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYANDOTTE TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OUTSTATE LINKS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	74.29	27.10	47.69	92.97	1.10	24.00	31.99	93.00	59.78

TABLE 5 (CONTINUED)

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MILEAGE BY RAILROAD BY RPS CONTROL SECTION NUMBERS

STATEWIDE TRANSPORTATION MODELING SYSTEM

	80102	80103	80301	80401	100101	101010	101060	110101	110201
ANN ARBOR RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BOYNE CITY RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CADILLAC & LAKE CITY RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHESAPEAKE & OHIO RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHICAGO & NORTH WESTERN RAILRO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHIG,MIL,ST.PAUL&PACIFIC RR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DELRAY CONNECTING RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT & MACKINAC RAILWAY	64.79	71.69	8.70	14.80	0.00	0.00	0.00	0.00	0.00
DETROIT&TOLEDO S L RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	9.59	0.00	0.00
DETROIT TERMINAL RAILROAD	0.00	0.00	0.00	0.00	19.32	0.00	0.00	0.00	0.00
DET, TOL, & IRONTON RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.00	12.79
ESCANABA & LAKE SUP RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TRUNK WESTERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LAKE SUP & ISHPEMING RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LUDINGTON & NORTHERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MANISTIQUE & LAKE SUP RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARQUETTE & HURON MT. RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NORFOLK AND WESTERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PENN CENTRAL RAILROAD	0.00	0.00	0.00	0.00	0.00	11.49	0.00	0.00	0.00
PORT HURON & DET RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOO LINE RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYANDOTTE SOUTHERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYANDOTTE TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OUTSTATE LINKS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	64.79	71.69	8.70	14.80	19.32	11.49	9.59	15.00	12.79

TABLE 5 (CONTINUED)

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MILEAGE BY RAILROAD BY RPS CONTROL SECTION NUMBERS
STATEWIDE TRANSPORTATION MODELING SYSTEM

	110202	120101	130102	130103	130104	130105	130106	130107	130108
ANN ARBOR RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BOYNE CITY RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CADILLAC & LAKE CITY RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHESAPEAKE & OHIO RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHICAGO & NORTH WESTERN RAILRO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHICAGO, MILWAUKEE, ST. PAUL & PACIFIC RR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DELRAY CONNECTING RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT & MACKINAC RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT & TOLEDO S L RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DET, TOL, & IRONTON RAILROAD	24.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ESCANABA & LAKE SUP RAILROAD	0.00	68.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TRUNK WESTERN RAILROAD	0.00	0.00	42.09	19.60	14.60	29.80	46.90	19.30	43.19
LAKE SUP & ISHPEMING RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LUDINGTON & NORTHERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MANISTIQUE & LAKE SUP RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARQUETTE & HURON MT. RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NORFOLK AND WESTERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PENN CENTRAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PORT HURON & DET RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOD LINE RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYANDOTTE SOUTHERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYANDOTTE TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OUTSTATE LINKS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	24.05	68.55	42.09	19.60	14.60	29.80	46.90	19.30	43.19

**MILEAGE BY RAILROAD BY RPS CONTROL SECTION NUMBERS
STATEWIDE TRANSPORTATION MODELING SYSTEM**

	130201	130301	130302	130401	130402	130501	130502	130601	130701
ANN ARBOR RAILROAD	0.00	0.00	0.00	0.00	2.50	0.00	0.00	0.00	0.00
BOYNE CITY RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CADILLAC & LAKE CITY RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHESAPEAKE & OHIO RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHICAGO & NORTH WESTERN RAILRD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHIG. MIL. ST. PAUL & PACIFIC RR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DELRAY CONNECTING RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT & MACKINAC RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT & TOLEDO S L RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DET. TOL. & IRONTON RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ESCANABA & LAKE SUP RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TRUNK WESTERN RAILROAD	11.30	40.68	24.64	23.68	46.89	25.59	23.40	99.39	38.50
LAKE SUP & ISHPEMING RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LUDINGTON & NORTHERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MANISTIQUE & LAKE SUP RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARQUETTE & HURON MT. RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NORFOLK AND WESTERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PENN CENTRAL RAILROAD	0.00	0.00	0.00	0.00	0.00	8.40	0.00	0.00	0.00
PORT HURON & DET RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SDD LINE RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYANDOTTE SOUTHERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYANDOTTE TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OUTSTATE LINKS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	11.30	40.68	24.64	23.68	46.89	33.99	23.40	99.39	38.50

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TABLE 5 (CONTINUED)

MILEAGE BY RAILROAD BY RPS CONTROL SECTION NUMBERS
STATEWIDE TRANSPORTATION MODELING SYSTEM

	130801	130901	130902	130903	131001	131101	140101	140102	140103
ANN ARBOR RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BOYNE CITY RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CADILLAC & LAKE CITY RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHESAPEAKE & OHIO RAILWAY	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHICAGO & NORTH WESTERN RAILRD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.89
CHICAGO, MILWAUKEE, ST. PAUL & PACIFIC RR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DELRAY CONNECTING RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT & MACKINAC RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT & TOLEDO S L RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DET, TOLEDO & IRONTON RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ESCANABA & LAKE SUP RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TRUNK WESTERN RAILROAD	41.60	6.40	82.90	0.00	40.39	21.80	0.00	0.00	0.00
LAKE SUP & ISHPEMING RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	1.00	42.00	43.89
LUDINGTON & NORTHERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MANISTIQUE & LAKE SUP RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARQUETTE & HURON MT. RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NORFOLK AND WESTERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PENN CENTRAL RAILROAD	2.00	41.08	0.00	11.70	0.00	0.00	0.00	0.00	0.00
PORT HURON & DET RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOO LINE RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.89
WYANDOTTE SOUTHERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYANDOTTE TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OUTSTATE LINKS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	41.60	47.48	82.90	11.70	40.39	21.80	1.00	42.00	43.89

MILEAGE BY RAILROAD BY RPS CONTROL SECTION NUMBERS
STATEWIDE TRANSPORTATION MODELING SYSTEM

	140201	160101	170101	170102	170103	170104	170105	170106	170107
ANN ARBOR RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BOYNE CITY RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CADILLAC & LAKE CITY RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHESAPEAKE & OHIO RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHICAGO & NORTH WESTERN RAILRO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHIG,MIL,ST,PAUL&PACIFIC RR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DELRAY CONNECTING RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT & MACKINAC RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT&TOLEDO S L RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DET, TOL, & IRONTON RAILROAD	0.00	0.00	0.00	15.08	0.00	0.00	0.00	0.00	0.00
ESCANABA & LAKE SUP RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TRUNK WESTERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LAKE SUP & ISHPFMING RAILROAD	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LUDINGTON & NORTHERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MANISTIQUE & LAKE SUP RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARQUETTE & HURON MT. RAILROAD	0.00	25.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NORFOLK AND WESTERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PENN CENTRAL RAILROAD	0.00	0.00	2.88	40.17	35.19	48.54	22.92	48.53	27.34
PORT HURON & DET RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOO LINE RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYANDOTTE SOUTHERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYANDOTTE TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OUTSTATE LINKS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	9.00	25.17	2.88	55.25	35.19	48.54	22.92	48.53	27.34

TABLE 5 (CONTINUED)

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MILEAGE BY RAILROAD BY RPS CONTROL SECTION NUMBERS
STATEWIDE TRANSPORTATION MODELING SYSTEM

	170201	170202	170203	170301	170302	170401	170402	170403	170405
ANN ARBOR RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BOYNE CITY RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CADILLAC & LAKE CITY RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHESAPEAKE & OHIO RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHICAGO & NORTH WESTERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHICAGO, MILWAUKEE, ST. PAUL & PACIFIC RR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DELRAY CONNECTING RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT & MACKINAC RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT & TOLEDO S L RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DET, TOL, & IRONTON RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ESCANABA & LAKE SUP RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TRUNK WESTERN RAILROAD	0.00	0.00	0.00	0.00	0.00	9.77	56.50	0.00	0.00
LAKE SUP & ISHPEMING RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LUDINGTON & NORTHERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MANISTIQUE & LAKE SUP RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARQUETTE & HURON MT. RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NORFOLK AND WESTERN RAILWAY	0.00	0.00	0.00	0.00	0.00	2.42	0.00	0.00	0.00
PENN CENTRAL RAILROAD	11.73	18.68	23.76	69.98	6.32	9.77	0.00	136.09	104.57
PORT HURON & DET RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOG LINE RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYANDOTTE SOUTHERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYANDOTTE TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OUTSTATE LINKS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	11.73	18.68	23.76	69.98	6.32	9.77	56.50	136.09	104.57

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MILEAGE BY RAILROAD BY RPS CONTROL SECTION NUMBERS
STATEWIDE TRANSPORTATION MODELING SYSTEM

	170406	170407	170408	170501	170502	170503	170601	170602	170701
ANN ARBOR RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BOYNE CITY RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CADILLAC & LAKE CITY RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHESAPEAKE & OHIO RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHICAGO & NORTH WESTERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHICAGO, MILWAUKEE, ST. PAUL & PACIFIC RR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DELRAY CONNECTING RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT & MACKINAC RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT & TOLEDO S L RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DET, TOL, & IRONTON RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ESCANABA & LAKE SUP RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TRUNK WESTERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LAKE SUP & ISHPEMING RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LUDINGTON & NORTHERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MANISTIQUE & LAKE SUP RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARQUETTE & HURON MT. RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NORFOLK AND WESTERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PENN CENTRAL RAILROAD	26.86	53.03	16.07	10.55	20.35	57.43	24.37	65.50	10.10
PORT HURON & DET RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOO LINE RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYANDOTTE SOUTHERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYANDOTTE TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OUTSTATE LINKS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	26.86	53.03	16.07	10.55	20.35	57.43	24.37	65.50	10.10

MILEAGE BY RAILROAD BY RPS CONTROL SECTION NUMBERS
STATEWIDE TRANSPORTATION MODELING SYSTEM

	170702	170703	170704	170705	170801	170804	170901	171001	171101
ANN ARBOR RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BOYNE CITY RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CADILLAC & LAKE CITY RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHESAPEAKE & OHIO RAILWAY	0.00	2.89	2.80	0.00	0.00	0.00	0.00	0.00	0.00
CHICAGO & NORTH WESTERN RAILRD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHICAGO, MILWAUKEE, ST. PAUL & PACIFIC RR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DELRAY CONNECTING RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT & MACKINAC RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT & TOLEDO S L RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DET, TOL, & IRONTON RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ESCANABA & LAKE SUP RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TRUNK WESTERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LAKE SUP & ISHPEMING RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LUDINGTON & NORTHERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MANISTIQUE & LAKE SUP RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARQUETTE & HURON MT. RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NORFOLK AND WESTERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PENN CENTRAL RAILROAD	25.90	53.63	102.27	128.09	34.70	43.05	39.48	18.40	17.60
PORT HURON & DET RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOO LINE RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYANDOTTE SOUTHERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYANDOTTE TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OUTSTATE LINKS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	25.90	53.63	102.27	128.09	34.70	43.05	39.48	18.40	17.60

MILEAGE BY RAILROAD BY RPS CONTROL SECTION NUMBERS
STATEWIDE TRANSPORTATION MODELING SYSTEM

	171201	171301	171401	171501	171502	171601	171701	171901	172001
ANN ARBOR RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BOYNE CITY RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CADILLAC & LAKE CITY RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHESAPEAKE & OHIO RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHICAGO & NORTH WESTERN RAILRD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHIG. MIL. ST. PAUL & PACIFIC RR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DELRAY CONNECTING RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT & MACKINAC RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT & TOLEDO S L RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DET, TOL, & IRONTON RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ESCANABA & LAKE SUP RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TRUNK WESTERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LAKE SUP & ISHPEMING RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LUDINGTON & NORTHERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MANISTIQUE & LAKE SUP RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARQUETTE & HURON MT. RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NORFOLK AND WESTERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PENN CENTRAL RAILROAD	13.50	19.39	18.18	14.30	0.44	9.20	20.32	25.60	17.65
PORT HURON & DET RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOO LINE RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYANDOTTE SOUTHERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYANDOTTE TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OUTSTATE LINKS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	13.50	19.39	18.18	14.30	0.44	9.20	20.32	25.60	17.65

TABLE 5 (CONTINUED)

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MILEAGE BY RAILROAD BY RPS CONTROL SECTION NUMBERS
STATEWIDE TRANSPORTATION MODELING SYSTEM

	172101	172201	172301	172401	172501	172601	172602	180101	180102
ANN ARBOR RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BOYNE CITY RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CADILLAC & LAKE CITY RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHESAPEAKE & OHIO RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHICAGO & NORTH WESTERN RAILRO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHIG. MIL. ST. PAUL & PACIFIC RR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DELRAY CONNECTING RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT & MACKINAC RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT & TOLEDO S L RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DET, TOL, & IRONTON RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.70	0.00
ESCANABA & LAKE SUP RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TRUNK WESTERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LAKE SUP & ISHPEMING RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LUDINGTON & NORTHERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MANISTIQUE & LAKE SUP RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARQUETTE & HURON MT. RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NORFOLK AND WESTERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39.65	31.92
PENN CENTRAL RAILROAD	20.06	10.18	8.88	8.73	28.28	41.40	12.80	0.00	0.00
PORT HURON & DET RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOO LINE RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYANDOTTE SOUTHERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYANDOTTE TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OUTSTATE LINKS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	20.06	10.18	8.88	8.73	28.28	41.40	12.80	39.65	31.92

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MILEAGE BY RAILROAD BY RPS CONTROL SECTION NUMBERS
STATEWIDE TRANSPORTATION MODELING SYSTEM

	200101	200102	200103	200201	200202	200203	200204	200205	200301
ANN ARBOR RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BOYNE CITY RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CADILLAC & LAKE CITY RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHESAPEAKE & OHIO RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHICAGO & NORTH WESTERN RAILRD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHIG, MIL, ST. PAUL & PACIFIC RR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DELRAY CONNECTING RAILROAD	0.00	0.00	37.32	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT & MACKINAC RAILWAY	0.00	0.00	37.32	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT & TOLEDO S L RAILROAD	0.00	0.00	37.32	0.00	0.00	0.00	0.00	0.00	0.00
DETROIT TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DET, TOL, & IRONTON RAILROAD	0.00	0.00	37.32	0.00	0.00	0.00	0.00	0.00	0.00
ESCANABA & LAKE SUP RAILROAD	0.00	0.00	37.32	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TRUNK WESTERN RAILROAD	0.00	0.00	37.32	0.00	0.00	0.00	0.00	0.00	0.00
LAKE SUP & ISHPEMING RAILROAD	0.00	0.00	37.32	0.00	0.00	0.00	0.00	0.00	0.00
LUDINGTON & NORTHERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MANISTIQUE & LAKE SUP RAILROAD	0.00	0.00	37.32	0.00	0.00	0.00	0.00	0.00	0.00
MARQUETTE & HURON MT. RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NORFOLK AND WESTERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PENN CENTRAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PORT HURON & DET RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SCD LINE RAILROAD	44.40	111.78	7.70	27.50	27.20	97.30	30.43	101.98	25.96
WYANDOTTE SOUTHERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYANDOTTE TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OUTSTATE LINKS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	44.40	111.78	45.02	27.50	27.20	97.30	30.43	101.98	25.96

TABLE 5 (CONTINUED)

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**MILEAGE BY RAILROAD BY RPS CONTROL SECTION NUMBERS
STATEWIDE TRANSPORTATION MODELING SYSTEM**

	200401	200501	200502	200503	200601	201060	TOTAL
ANN ARBOR RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	258.09
BOYNE CITY RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	7.00
CADILLAC & LAKE CITY RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	10.84
CHESAPEAKE & OHIO RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	1376.82
CHICAGO & NORTH WESTERN RAILRD	30.79	0.00	0.00	0.00	0.00	0.00	340.52
CHICAGO MILWAUKEE ST. PAUL & PACIFIC RR	0.00	0.00	0.00	0.00	0.00	0.00	148.99
DELRAY CONNECTING RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	37.32
DETROIT & MACKINAC RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	257.08
DETROIT & TOLEDO S L RAILROAD	0.00	0.00	0.00	0.00	0.00	38.00	88.76
DETROIT TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	19.32
DET, TOL, & IRONTON RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	137.88
ESCANABA & LAKE SUP RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	105.87
GRAND TRUNK WESTERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	846.23
LAKE SUP & ISHPEMING RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	161.76
LUDINGTON & NORTHERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MANISTIQUE & LAKE SUP RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	37.32
MARQUETTE & HURON MT. RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	25.17
NORFOLK AND WESTERN RAILWAY	0.00	0.00	0.00	0.00	0.00	1.31	83.65
PENN CENTRAL RAILROAD	0.00	0.00	0.00	0.00	0.00	10.66	1829.64
PORT HURON & DET RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	21.95
SOD LINE RAILROAD	0.00	48.59	13.60	15.00	14.85	0.00	588.18
WYANDOTTE SOUTHERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYANDOTTE TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OUTSTATE LINKS	0.00	0.00	0.00	0.00	0.00	0.00	9366.86
TOTAL	30.79	48.59	13.60	15.00	14.85	38.00	15749.25

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MILEAGE BY RAILROAD BY NUMBER OF TRACKS

STATEWIDE TRANSPORTATION MODELING SYSTEM

	0	1	2	TOTAL
ANN ARBOR RAILROAD	94.90	163.19	0.00	258.09
BOYNE CITY RAILROAD	7.00	0.00	0.00	7.00
CADILLAC & LAKE CITY RAILWAY	0.00	10.84	0.00	10.84
CHESAPEAKE & OHIO RAILWAY	112.29	1190.19	74.34	1376.82
CHICAGO & NORTH WESTERN RAILRD	78.28	262.24	0.00	340.52
CHIG, MIL, ST. PAUL & PACIFIC RR	0.00	148.99	0.00	148.99
DELRAY CONNECTING RAILROAD	37.32	0.00	0.00	37.32
DETROIT & MACKINAC RAILWAY	46.02	211.06	0.00	257.08
DETROIT & TOLEDO S L RAILROAD	38.63	32.65	17.48	88.76
DETROIT TERMINAL RAILROAD	13.37	0.00	5.95	19.32
DET, TOL & IRONTON RAILROAD	55.43	59.32	23.13	137.88
ESCANABA & LAKE SUP RAILROAD	105.87	0.00	0.00	105.87
GRAND TRUNK WESTERN RAILROAD	44.92	615.31	186.00	846.23
LAKE SUP & ISPEMING RAILROAD	110.76	51.00	0.00	161.76
LUDINGTON & NORTHERN RAILWAY	0.00	0.00	0.00	0.00
MANISTIQUE & LAKE SUP RAILROAD	37.32	0.00	0.00	37.32
MARQUETTE & HURON MT. RAILROAD	25.17	0.00	0.00	25.17
NORFOLK AND WESTERN RAILWAY	27.76	3.85	52.04	83.65
PENN CENTRAL RAILROAD	666.64	969.02	193.98	1829.64
PORT HURON & DET RAILROAD	21.95	0.00	0.00	21.95
SOO LINE RAILROAD	29.59	558.59	0.00	588.18
WYANDOTTE SOUTHERN RAILROAD	0.00	0.00	0.00	0.00
WYANDOTTE TERMINAL RAILROAD	0.00	0.00	0.00	0.00
OUTSTATE LINKS	9366.86	0.00	0.00	9366.86
TOTAL	10920.08	4276.25	552.92	15749.25

0 - NO. OF TRACKS NOT RECORDED — SHOULD ASSUME 1
 1 - 1 TRACK
 2 - 2 TRACKS

CARLOADS BY RAILROAD BY COUNTY

STATEWIDE TRANSPORTATION MODELING SYSTEM

COLUMN NUMBERS IN THE FOLLOWING TABLE CORRESPOND TO RAIL COMPANIES AS FOLLOWS

1. ANN ARBOR RAILWAY
2. BOYNE CITY RAILROAD
3. CANADIAN NATIONAL RAILWAY
4. CANADIAN PACIFIC RAILROAD
5. CHESAPEAKE & OHIO RAILWAY
6. CHICAGO & NORTHWESTERN RAILROAD
7. CHICAGO, MILWAUKEE, ST. PAUL & PACIFIC RR
8. DETROIT & MACKINAC RAILWAY
9. DETROIT & TOLEDO S L RAILROAD
10. DETROIT, TOLSON & IRONTON RAILROAD
11. ESCANABA & LAKE SUPERIOR RAILROAD
12. GRAND TRUNK WESTERN RAILROAD
13. LAKE SUPERIOR & ISHPEMING RAILROAD
14. MANISTIQUE & LAKE SUPERIOR RAILROAD
15. SOO LINE RAILROAD
16. NORFOLK AND WESTERN RAILWAY
17. PENNSYLVANIA CENTRAL RAILROAD
18. PORT HURON & DETROIT RAILROAD

CARLOADS BY RAILROAD BY COUNTY

STATEWIDE TRANSPORTATION MODELING SYSTEM

COUNTY	1	2	3	4	5	6	7	8	9	10
ALCONA	0	0	0	0	0	0	0	148	0	0
ALGER	0	0	0	0	0	0	0	0	0	0
KENT	0	0	0	0	816	0	0	0	0	0
ALPENA	0	0	0	0	0	0	0	27546	0	0
ANTRIM	0	0	0	0	409	0	0	0	0	0
ARENAC	0	0	0	0	0	0	0	1497	0	0
BARAGA	0	0	0	0	0	0	0	0	0	0
BARRY	0	0	0	0	0	0	0	0	0	0
BAY	0	0	0	0	15198	0	0	6099	0	0
BENZIE	472	0	0	0	27	0	0	0	0	0
BERRIEN	0	0	0	0	18990	0	0	0	0	0
BRANCH	0	0	0	0	0	0	0	0	0	0
CALHOUN	0	0	0	0	0	0	0	0	0	0
CASS	0	0	0	0	0	0	0	0	0	0
CHARLEVOIX	0	312	0	0	106	0	0	0	0	0
CHEROYGAN	0	0	0	0	0	0	0	7430	0	0
CHIPPEWA	0	0	0	0	0	0	0	0	0	0
CLARE	80	0	0	0	68	0	0	0	0	0
CLINTON	9	0	0	0	44	0	0	0	0	0
CRAWFORD	0	0	0	0	0	0	0	0	0	0
DELTA	0	0	0	0	0	127451	0	0	0	0
DICKINSON	0	0	0	0	0	0	0	0	0	0
EATON	0	0	0	0	682	0	0	0	0	0
EMMET	0	0	0	0	1538	0	0	0	0	0
GENESEE	0	0	0	0	96617	0	0	0	0	0
GLADWIN	0	0	0	0	0	0	0	0	0	0
GOGERIC	0	0	0	0	0	0	0	0	0	0
GRAND TRAVERSE	0	0	0	0	1519	0	0	0	0	0
GRATIOT	1133	0	0	0	5637	0	0	0	0	0
HILLSDALE	0	0	0	0	0	0	0	0	0	0
HOUGHTON	0	0	0	0	0	0	0	0	0	0
HURON	0	0	0	0	7000	0	0	0	0	0
INGHAM	0	0	0	0	15103	0	0	0	0	0
IONIA	0	0	0	0	2246	0	0	0	0	0
ISCO	0	0	0	0	0	0	0	17294	0	0
IRON	0	0	0	0	0	0	0	0	0	0
ISABELLA	366	0	0	0	395	0	0	0	0	0
JACKSON	0	0	0	0	0	0	0	0	0	0
KALAMAZOO	0	0	0	0	0	0	0	0	0	0
KALKASKA	0	0	0	0	7	0	0	0	0	0
KENT	0	0	0	0	26991	0	0	0	0	0
KEWEEAW	0	0	0	0	0	0	0	0	0	0
LAKE	0	0	0	0	43	0	0	0	0	0
LAPEER	0	0	0	0	12	0	0	0	0	0
LEELANAU	0	0	0	0	239	0	0	0	0	0
LENAWEE	0	0	0	0	0	0	0	0	0	2140
LIVINGSTON	1496	0	0	0	1391	0	0	0	0	0
LUCE	0	0	0	0	0	0	0	0	0	0
MACKINAC	0	0	0	0	0	0	0	0	0	0
MACOMB	0	0	0	0	0	0	0	0	0	0
MANISTEE	68	0	0	0	16458	0	0	0	0	0
MARQUETTE	0	0	0	0	0	5812	0	0	0	0
MASON	0	0	0	0	17618	0	0	0	0	0
MECOSTA	0	0	0	0	117	0	0	0	0	0
MENOMINEE	0	0	0	0	0	4572	0	0	0	0
MIDLAND	0	0	0	0	20516	0	0	0	0	0
MISSAUKEE	65	0	0	0	0	0	0	0	0	0
MONROE	10661	0	0	0	1448	0	0	0	4692	120
MONTCALM	0	0	0	0	3999	0	0	0	0	0
MONTMRENCY	0	0	0	0	0	0	0	0	0	0
MUSKEGON	0	0	0	0	11783	0	0	0	0	0
NEWAYGO	0	0	0	0	2311	0	0	0	0	0
OAKLAND	0	0	0	0	22227	0	0	0	0	0
OCEANA	0	0	0	0	546	0	0	0	0	0
OGEMAW	0	0	0	0	0	0	0	0	0	0
ONTONAGON	0	0	0	0	0	0	0	0	0	0
OSCEOLA	22	0	0	0	1323	0	0	0	0	0
OSCOD	0	0	0	0	0	0	0	0	0	0
OTSEGO	0	0	0	0	0	0	0	0	0	0
OTTAWA	0	0	0	0	24622	0	0	0	0	0
PRESQUE ISLE	0	0	0	0	0	0	0	5161	0	0
ROSCOMMON	0	0	0	0	0	0	0	0	0	0
HURON	0	0	1	0	37510	0	0	0	0	0
SANILAC	0	0	0	0	3671	0	0	0	0	0
SCHOOLCRAFT	0	0	0	0	0	0	0	0	0	0
SHIAWASSEE	1804	0	0	0	0	0	0	0	0	0
ST CLAIR	0	0	1	0	11669	0	0	0	0	0
ST JOSEPH	0	0	0	0	0	0	0	0	0	0
TUSCOLA	0	0	0	0	2417	0	0	0	0	0
VAN BUREN	0	0	0	0	2075	0	0	0	0	0
WASHTENAW	5472	0	0	0	14	0	0	0	0	0
WAYNE	0	0	2	2196	138518	0	0	0	29147	179832
WEXFORD	997	0	0	0	0	0	0	0	0	0
ONTARIO	0	0	0	0	0	0	0	0	0	0
WISCONSIN	0	0	0	0	0	0	0	0	0	0
ILLINOIS	0	0	0	0	0	0	0	0	0	0
INDIANA	0	0	0	0	0	0	0	0	0	0
OHIO	0	0	0	0	0	0	0	0	0	0
WEST VIRGINIA	0	0	0	0	0	0	0	0	0	0
KENTUCKY	0	0	0	0	0	0	0	0	0	0
MISSOURI	0	0	0	0	0	0	0	0	0	0
IOWA	0	0	0	0	0	0	0	0	0	0
MINNESOTA	0	0	0	0	0	0	0	0	0	0
TOTAL	22645	312	4	2108	513920	137835	0	65175	33839	182092

CARLOADS BY RAILROAD BY COUNTY

STATEWIDE TRANSPORTATION MODELING SYSTEM

COUNTY	11	12	13	14	15	16	17	18	19	TOTAL
ALCONA	0	0	0	0	0	0	0	0	0	148
ALGER	0	0	2388	0	1136	0	0	0	0	3524
KENT	0	0	0	0	0	0	5974	0	0	6790
ALPENA	0	0	0	0	0	0	0	0	0	27546
ANTRIM	0	0	0	0	0	0	121	0	0	530
ARENAC	0	0	0	0	0	0	96	0	0	1593
BARAGA	0	0	0	0	1998	0	0	0	0	1998
BARRY	0	0	0	0	0	0	335	0	0	335
BAY	0	1006	0	0	0	0	17606	0	0	39909
BENZIE	0	0	0	0	0	0	0	0	0	499
BERRIEN	0	0	0	0	0	0	5179	0	0	24169
BRANCH	0	0	0	0	0	0	2851	0	0	2851
CALHOUN	0	58625	0	0	0	0	19810	0	0	78435
CASS	0	1239	0	0	0	0	12120	0	0	13359
CHARLEVOIX	0	0	0	0	0	0	31	0	0	469
CHEBOYGAN	0	0	0	0	0	0	387	0	0	7817
CHIPPEWA	0	0	0	0	2074	0	0	0	0	2074
CLARE	0	0	0	0	0	0	0	0	0	148
CLINTON	0	579	0	0	0	0	1	0	0	633
CRAWFORD	0	0	0	0	0	0	220	0	0	220
DELTA	2071	0	0	0	2987	0	0	0	0	132509
DICKINSON	545	0	0	0	0	0	0	0	0	545
EATON	0	1667	0	0	0	0	1186	0	0	3535
EMMET	0	0	0	0	0	0	365	0	0	1903
GENESEF	0	71950	0	0	0	0	0	0	0	168567
GLACWIN	0	0	0	0	0	0	0	0	0	0
GOGERIC	0	0	0	0	0	0	0	0	0	0
GRAND TRAVERSE	0	0	0	0	0	0	193	0	0	1712
GRATIOT	0	153	0	0	0	0	0	0	0	6923
HILLSDALE	0	0	0	0	0	0	7067	0	0	7067
HOUGHTON	0	0	0	0	5843	0	0	0	0	5843
HURON	0	386	0	0	0	0	0	0	0	7386
INGHAM	0	38602	0	0	0	0	29299	0	0	83004
IONIA	0	201	0	0	0	0	0	0	0	2447
IOSCO	0	0	0	0	0	0	0	0	0	17294
IRON	0	0	0	0	0	0	0	0	0	0
ISABELLA	0	0	0	0	0	0	0	0	0	761
JACKSON	0	72	0	0	0	0	12659	0	0	12731
KALAMAZOO	0	12734	0	0	0	0	31147	0	919	44800
KALKASKA	0	0	0	0	0	0	243	0	0	250
KENT	0	7669	0	0	0	0	42018	0	0	76678
KEWEEAW	0	0	0	0	0	0	0	0	0	0
LAKE	0	0	0	0	0	0	0	0	0	43
LAPEER	0	1180	0	0	0	0	321	0	0	1513
LEELANAU	0	0	0	0	0	0	0	0	0	239
LENAWEE	0	0	0	0	0	2093	4526	0	0	8759
LIVINGSTON	0	7	0	0	0	0	0	0	0	2894
LUCE	0	0	0	0	2164	0	0	0	0	2164
HACKINAC	0	0	0	0	551	0	0	0	0	551
MACOMB	0	12345	0	0	0	0	32462	0	0	44807
MANISTEE	0	0	0	0	0	0	0	0	0	16526
MARQUETTE	109	0	103963	0	605	0	0	0	0	110489
MASON	0	0	0	0	0	0	0	0	0	17618
MCCOSTA	0	0	0	0	0	0	158	0	0	275
MENOMINEE	0	0	0	0	79	0	0	0	0	4651
MIDLAND	0	0	0	0	0	0	11866	0	0	32382
MISSAUKEE	0	0	0	0	0	0	0	0	0	65
MONROE	0	0	0	0	0	1167	26843	0	0	44931
MONTCALM	0	7774	0	0	0	0	26	0	0	11799
MONTMRENCY	0	0	0	0	0	0	0	0	0	0
MUSKEGON	0	8172	0	0	0	0	751	0	0	26706
NEWAYGO	0	0	0	0	0	0	0	0	0	2311
OAKLAND	0	66183	0	0	0	0	123	0	0	88533
OCEANA	0	0	0	0	0	0	0	0	0	546
OGEMAW	0	0	0	0	0	0	225	0	0	225
ONTONAGON	0	0	0	0	1131	0	0	0	0	1131
OSCEOLA	0	0	0	0	0	0	77	0	0	1422
OSCOD	0	0	0	0	0	0	0	0	0	0
OTSEGO	0	0	0	0	0	0	2124	0	0	2124
OTTAWA	0	353	0	0	0	0	50	0	0	25025
PRESCUE ISLE	0	0	0	0	0	0	0	0	0	5161
ROSCOMMON	0	0	0	0	0	0	105	0	0	105
HURON	0	6131	0	0	0	0	7805	0	0	51447
SANILAC	0	0	0	0	0	0	0	0	0	3671
SCHOOLCRAFT	0	0	0	0	2362	0	0	0	0	2362
SHIAWASSEE	0	1965	0	0	0	0	661	0	0	4430
ST CLAIR	0	22466	0	0	0	0	0	0	0	34136
ST JOSEPH	0	0	0	0	0	0	8523	0	0	8523
TUSCOLA	0	717	0	0	0	0	3049	0	0	6183
VAN BUREN	0	0	0	0	0	0	493	0	0	2568
WASHTENAW	0	0	0	0	0	0	35888	0	0	41374
WAYNE	0	51508	0	0	0	110098	238873	0	0	750174
WEXFORD	0	0	0	0	0	0	404	0	0	1401
ONTARIO	0	0	0	0	0	0	0	0	0	0
WISCONSIN	0	0	0	0	0	0	0	0	0	0
ILLINOIS	0	0	0	0	0	0	0	0	0	0
INDIANA	0	0	0	0	0	0	0	0	0	0
OHIO	0	0	0	0	0	0	0	0	0	0
WEST VIRGINIA	0	0	0	0	0	0	0	0	0	0
KENTUCKY	0	0	0	0	0	0	0	0	0	0
MISSISSIPPI	0	0	0	0	0	0	0	0	0	0
IOWA	0	0	0	0	0	0	0	0	0	0
MINNESOTA	0	0	0	0	0	0	0	0	0	0
TOTAL	2725	373684	106351	0	20930	113358	564281	0	919	2140266

TABLE 7 (CONTINUED)

TONNAGES BY RAILROAD BY COUNTY

STATEWIDE TRANSPORTATION MODELING SYSTEM

COLUMN NUMBERS IN THE FOLLOWING TABLE CORRESPOND TO RAIL COMPANIES AS FOLLOWS

1. ANN ARBOR RAILWAY
2. BOYNE CITY RAILROAD
3. CANADIAN NATIONAL RAILWAY
4. CANADIAN PACIFIC RAILROAD
5. CHESAPEAKE & OHIO RAILWAY
6. CHICAGO & NORTHWESTERN RAILROAD
7. CHICAGO, MILWAUKEE, ST. PAUL & PACIFIC RR
8. DETROIT & MACKINAC RAILWAY
9. DETROIT & TOLEDO S L RAILROAD
10. DETROIT, TOLEDO & IRONTON RAILROAD
11. ESCANABA & LAKE SUPERIOR RAILROAD
12. GRAND TRUNK WESTERN RAILROAD
13. LAKE SUPERIOR & ISHPEMING RAILROAD
14. MANISTIQUE & LAKE SUPERIOR RAILROAD
15. SOO LINE RAILROAD
16. NORFOLK AND WESTERN RAILWAY
17. PENN CENTRAL RAILROAD
18. PORT HURON & DETROIT RAILROAD

TONNAGES BY RAILROAD BY COUNTY

STATEWIDE TRANSPORTATION MODELING SYSTEM

COUNTY	1	2	3	4	5	6	7	8	9	10
ALCONA	0	0	0	0	0	0	0	8892	0	0
ALGER	0	0	0	0	0	0	0	0	0	0
KENT	0	0	0	0	40261	0	0	0	0	0
ALPENA	0	0	0	0	0	0	0	1644648	0	0
ANTRIM	0	0	0	0	17199	0	0	0	0	0
ARENAC	0	0	0	0	0	0	0	96629	0	0
BARAGA	0	0	0	0	0	0	0	0	0	0
BARRY	0	0	0	0	0	0	0	0	0	0
BAY	0	0	0	0	1121761	0	0	290957	0	0
BENZIE	15085	0	0	0	462	0	0	0	0	0
BERPIEN	0	0	0	0	1022176	0	0	0	0	0
BRANCH	0	0	0	0	0	0	0	0	0	0
CALHOUN	0	0	0	0	0	0	0	0	0	0
CASS	0	0	0	0	0	0	0	0	0	0
CHARLEVOIX	0	8707	0	0	3468	0	0	0	0	0
CHEBOYGAN	0	0	0	0	0	0	0	178417	0	0
CHIPPEWA	0	0	0	0	0	0	0	0	0	0
CLARE	3426	0	0	0	2763	0	0	0	0	0
CLINTON	501	0	0	0	1772	0	0	0	0	0
CRAWFORD	0	0	0	0	0	0	0	0	0	0
DELTA	0	0	0	0	0	6372550	0	0	0	0
DICKINSON	0	0	0	0	0	0	0	0	0	0
EATON	0	0	0	0	32960	0	0	0	0	0
EMMET	0	0	0	0	108482	0	0	0	0	0
GENESEE	0	0	0	0	3042856	0	0	0	0	0
GLADWN	0	0	0	0	0	0	0	0	0	0
GOGERIC	0	0	0	0	0	0	0	0	0	0
GRAND TRAVERSE	0	0	0	0	62313	0	0	0	0	0
GRATIOT	42565	0	0	0	274973	0	0	0	0	0
HILLSDALE	0	0	0	0	0	0	0	0	0	0
HOUGHTON	0	0	0	0	0	0	0	0	0	0
HURON	0	0	0	0	301689	0	0	0	0	0
INGHAM	0	0	0	0	464818	0	0	0	0	0
IONIA	0	0	0	0	96401	0	0	0	0	0
IOSCO	0	0	0	0	0	0	0	904348	0	0
IRON	0	0	0	0	0	0	0	0	0	0
ISABELLA	22806	0	0	0	15976	0	0	0	0	0
JACKSON	0	0	0	0	0	0	0	0	0	0
KALAMAZOO	0	0	0	0	0	0	0	0	0	0
KALKASKA	0	0	0	0	108	0	0	0	0	0
KENT	0	0	0	0	798272	0	0	0	0	0
KEWEEAW	0	0	0	0	0	0	0	0	0	0
LAKE	0	0	0	0	2018	0	0	0	0	0
LAPEER	0	0	0	0	720	0	0	0	0	0
LEELANAU	0	0	0	0	6030	0	0	0	0	0
LENAWEE	0	0	0	0	0	0	0	0	0	42138
LIVINGSTON	62815	0	0	0	65414	0	0	0	0	0
LUCE	0	0	0	0	0	0	0	0	0	0
MACKINAC	0	0	0	0	0	0	0	0	0	0
MACOMB	0	0	0	0	0	0	0	0	0	0
MANISTEE	923	0	0	0	889229	0	0	0	0	0
MARQUETTE	0	0	0	0	0	290600	0	0	0	0
MASON	0	0	0	0	1244907	0	0	0	0	0
MECOSTA	0	0	0	0	7629	0	0	0	0	0
MENOMINEE	0	0	0	0	0	228600	0	0	0	0
MIDLAND	0	0	0	0	970533	0	0	0	0	0
MISSAUKEE	3253	0	0	0	0	0	0	0	0	0
MONROE	767561	0	0	0	58726	0	0	0	285760	7014
MONTCALM	0	0	0	0	113577	0	0	0	0	0
MONTRENCY	0	0	0	0	0	0	0	0	0	0
MUSKEGON	0	0	0	0	617160	0	0	0	0	0
NEWAYGO	0	0	0	0	102276	0	0	0	0	0
OAKLAND	0	0	0	0	675235	0	0	0	0	0
OCEANA	0	0	0	0	21140	0	0	0	0	0
OGEMAW	0	0	0	0	0	0	0	0	0	0
ONTONAGON	0	0	0	0	0	0	0	0	0	0
OSCEOLA	883	0	0	0	29307	0	0	0	0	0
OSCOD	0	0	0	0	0	0	0	0	0	0
OTSEGO	0	0	0	0	0	0	0	0	0	0
OTTAWA	0	0	0	0	1941272	0	0	0	0	0
PRESQUE ISLE	0	0	0	0	0	0	0	338999	0	0
ROSCOMMON	0	0	0	0	0	0	0	0	0	0
HURON	0	0	55	0	2018391	0	0	0	0	0
SANILAC	0	0	0	0	172687	0	0	0	0	0
SCHOOLCRAFT	0	0	0	0	0	0	0	0	0	0
SHIAWASSEE	84639	0	0	0	0	0	0	0	0	0
ST CLAIR	0	0	55	0	772020	0	0	0	0	0
ST JOSEPH	0	0	0	0	0	0	0	0	0	0
TUSCOLA	0	0	0	0	154246	0	0	0	0	0
VAN BUREN	0	0	0	0	91431	0	0	0	0	0
WASHTENAW	160420	0	0	0	640	0	0	0	0	0
WAYNE	0	0	66	114190	4558274	0	0	0	1843034	9077692
WEXFORD	27501	0	0	0	0	0	0	0	0	0
ONTARIO	0	0	0	0	0	0	0	0	0	0
WISCONSIN	0	0	0	0	0	0	0	0	0	0
ILLINDIS	0	0	0	0	0	0	0	0	0	0
INDIANA	0	0	0	0	0	0	0	0	0	0
OHIO	0	0	0	0	0	0	0	0	0	0
WEST VIRGINIA	0	0	0	0	0	0	0	0	0	0
KENTUCKY	0	0	0	0	0	0	0	0	0	0
MISSOURI	0	0	0	0	0	0	0	0	0	0
IOWA	0	0	0	0	0	0	0	0	0	0
MINNESOTA	0	0	0	0	0	0	0	0	0	0
TOTAL	1192378	8707	176	114190	21921572	6891750	0	3462890	2128794	9126844

STATEWIDE TRANSPORTATION MODELING SYSTEM

COUNTY	11	12	13	14	15	16	17	18	19	TOTAL
ALCONA	0	0	0	0	0	0	0	0	0	88
ALGFR	0	0	176712	0	65888	0	0	0	0	2420
ALFNA	0	0	0	0	0	0	297834	0	0	33805
ANTRIM	0	0	0	0	0	0	0	0	0	1644688
ARENAC	0	0	0	0	0	0	4491	0	0	21690
BARAGA	0	0	0	0	115884	0	3845	0	0	1004
BARRY	0	0	0	0	0	0	0	0	0	1158
BAY	0	40984	0	0	0	0	11716	0	0	117
BENZIE	0	0	0	0	0	0	1550613	0	0	3004315
BERRIEN	0	0	0	0	0	0	0	0	0	15547
BRANCH	0	0	0	0	0	0	205768	0	0	12279
CALHOUN	0	1827921	0	0	0	0	158270	0	0	1582
CASS	0	50991	0	0	0	0	689595	0	0	25175
CHARLEVON	0	0	0	0	0	0	541080	0	0	592071
CHEBOYGAN	0	0	0	0	0	0	1751	0	0	13926
CHIPPewa	0	0	0	0	120292	0	7671	0	0	186088
CLARE	0	0	0	0	0	0	0	0	0	1202
CLINTON	0	34778	0	0	0	0	0	0	0	61
CRAWFORD	0	0	0	0	0	0	11	0	0	370
DELTA	120118	0	0	0	173246	0	8900	0	0	8900
DICKINSON	31610	0	0	0	0	0	0	0	0	6665914
EATON	0	117080	0	0	0	0	0	0	0	3161
EMMET	0	0	0	0	0	0	76493	0	0	22693
GENESEE	0	1927384	0	0	0	0	20048	0	0	12853
GLADWIN	0	0	0	0	0	0	0	0	0	4970240
GODFRIC	0	0	0	0	0	0	0	0	0	0
GRAND TRAVERSE	0	0	0	0	0	0	8191	0	0	7050
GRATIOT	0	8908	0	0	0	0	0	0	0	32644
HILLSCALE	0	0	0	0	0	0	292637	0	0	292637
HOUGHTON	0	0	0	0	54226	0	0	0	0	54226
HURON	0	28256	0	0	0	0	0	0	0	329945
INGHAM	0	1726600	0	0	0	0	0	0	0	329945
IONIA	0	12447	0	0	0	0	1167217	0	0	335863
IOSCO	0	0	0	0	0	0	0	0	0	10884
IRON	0	0	0	0	0	0	0	0	0	90434
ISABELLA	0	0	0	0	0	0	0	0	0	0
JACKSON	0	2973	0	0	0	0	0	0	0	38782
KALAMAZOO	0	414234	0	0	0	0	405989	0	0	40896
KALKASKA	0	0	0	0	0	0	1409500	0	65362	188909
KENT	0	317360	0	0	0	0	9475	0	0	958
KEWEEAW	0	0	0	0	0	0	1203815	0	0	231944
LAKE	0	0	0	0	0	0	0	0	0	0
LAPEER	0	49801	0	0	0	0	17274	0	0	2018
LEELANAU	0	0	0	0	0	0	0	0	0	6779
LENAWEE	0	0	0	0	0	88213	188108	0	0	603
LIVINGSTON	0	154	0	0	0	0	0	0	0	31845
LUCE	0	0	0	0	125512	0	0	0	0	128383
MACCINAC	0	0	0	0	31958	0	0	0	0	125512
MACOMB	0	513483	0	0	0	0	1340046	0	0	3195
MANISTEE	0	0	0	0	0	0	0	0	0	185352
MARQUETTE	6322	0	7693262	0	35090	0	0	0	0	89015
MASON	0	0	0	0	0	0	0	0	0	8025274
MECOSTA	0	0	0	0	0	0	7324	0	0	1244907
MENOMINEE	0	0	0	0	4582	0	0	0	0	1495
MIDLAND	0	0	0	0	0	0	999325	0	0	23318
MISSAUKEE	0	0	0	0	0	0	0	0	0	196985
MONROE	0	0	0	0	0	56278	3024912	0	0	325
MONTCALM	0	53449	0	0	0	0	1034	0	0	4200251
MONTMRENCY	0	0	0	0	0	0	0	0	0	168060
MUSKEGON	0	477334	0	0	0	0	27272	0	0	0
NEWAYGO	0	0	0	0	0	0	0	0	0	112178
OAKLAND	0	2169821	0	0	0	0	5299	0	0	10227
OCEANA	0	0	0	0	0	0	0	0	0	2850355
OGEMAW	0	0	0	0	0	0	10229	0	0	21140
ONTONAGON	0	0	0	0	65598	0	0	0	0	1022
OSCEOLA	0	0	0	0	0	0	2649	0	0	6559
OSCOD	0	0	0	0	0	0	0	0	0	32839
OTSEGO	0	0	0	0	0	0	121269	0	0	0
OTTAWA	0	15284	0	0	0	0	1520	0	0	121269
PRESQUE ISLE	0	0	0	0	0	0	0	0	0	195807
ROSCOMMON	0	0	0	0	0	0	4176	0	0	33899
HURON	0	329901	0	0	0	0	423145	0	0	417
SANILAC	0	0	0	0	0	0	0	0	0	2771492
SCHODLCRAFT	0	0	0	0	136996	0	0	0	0	172687
SHIAWASSEE	0	82563	0	0	0	0	37947	0	0	136996
ST CLAIR	0	1267141	0	0	0	0	0	0	0	20514
ST JOSEPH	0	0	0	0	0	0	0	0	0	203921
TUSCOLA	0	40922	0	0	0	0	362481	0	0	362481
VAN BUREN	0	0	0	0	0	0	154091	0	0	349259
WASHTENAW	0	0	0	0	0	0	31381	0	0	122817
WAYNE	0	2100470	0	0	0	0	1083047	0	0	124410
WEXFORD	0	0	0	0	0	3238747	11956757	0	0	124410
ONTARIO	0	0	0	0	0	0	11096	0	0	3288923
WISCONSIN	0	0	0	0	0	0	0	0	0	3859
ILLINOIS	0	0	0	0	0	0	0	0	0	0
INDIANA	0	0	0	0	0	0	0	0	0	0
OHIO	0	0	0	0	0	0	0	0	0	0
WEST VIRGINIA	0	0	0	0	0	0	0	0	0	0
KENTUCKY	0	0	0	0	0	0	0	0	0	0
MISSOURI	0	0	0	0	0	0	0	0	0	0
ICWA	0	0	0	0	0	0	0	0	0	0
MINNESOTA	0	0	0	0	0	0	0	0	0	0
TOTAL	156050	13610239	7669974	0	929272	3383230	27885292	0	65362	98748728

TABLE 8 (CONTINUED)

CARLOADS BY RAILROAD BY REGION

STATEWIDE TRANSPORTATION MODELING SYSTEM

COLUMN NUMBERS IN THE FOLLOWING TABLE CORRESPOND TO RAIL COMPANIES AS FOLLOWS

1. ANN ARBOR RAILWAY
2. BOYNE CITY RAILROAD
3. CANADIAN NATIONAL RAILWAY
4. CANADIAN PACIFIC RAILROAD
5. CHESAPEAKE & OHIO RAILWAY
6. CHICAGO & NORTHWESTERN RAILRD
7. CHIG, MIL, ST, PAUL & PACIFIC RR
8. DETROIT & MACKINAC RAILWAY
9. DETROIT & TOLEDO S L RAILROAD
10. DET, TOL & IRONTON RAILROAD.
11. ESCANABA & LAKE SUP RAILROAD
12. GRAND TRUNK WESTERN RAILROAD
13. LAKE SUP & ISHPEMING RAILROAD
14. MANISTIQUE & LAKE SUP RAILROAD
15. SOO LINE RAILROAD
16. NORFOLK AND WESTERN RAILWAY
17. PENN CENTRAL RAILROAD
18. PORT HURON & DET RAILROAD

CARLOADS BY RAILROAD BY REGION
STATEWIDE TRANSPORTATION MODELING SYSTEM

REGION	1	2	3	4	5	6	7	8	9	10
1	17629	0	3	2196	175267	0	0	0	33839	179952
2	0	0	0	0	0	0	0	0	0	2140
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	21065	0	0	0	0	0
5	1804	0	0	0	96629	0	0	0	0	0
6	9	0	0	0	15829	0	0	0	0	0
7	1579	0	1	0	92412	0	0	24890	0	0
8	22	0	0	0	55464	0	0	0	0	0
9	0	0	0	0	0	0	0	40285	0	0
10	1602	312	0	0	20303	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	137835	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	36951	0	0	0	0	0
TOTAL	22645	312	4	2196	513920	137835	0	65175	33839	182092

REGION	11	12	13	14	15	16	17	18	19	TOTAL
1	0	152509	0	0	0	111265	334189	0	0	1006849
2	0	72	0	0	0	2093	24252	0	0	28557
3	0	71359	0	0	0	0	62666	0	919	134944
4	0	1239	0	0	0	0	17792	0	0	40096
5	0	75095	0	0	0	0	982	0	0	174510
6	0	40848	0	0	0	0	30486	0	0	87172
7	0	8393	0	0	0	0	40752	0	0	168027
8	0	15644	0	0	0	0	48253	0	0	119383
9	0	0	0	0	0	0	2731	0	0	43016
10	0	0	0	0	0	0	1377	0	0	23594
11	0	0	0	0	4789	0	0	0	0	4789
12	2725	0	106351	0	7169	0	0	0	0	254080
13	0	0	0	0	8972	0	0	0	0	8972
14	0	8525	0	0	0	0	801	0	0	46277
TOTAL	2725	373684	106351	0	20930	113358	564281	0	919	2140266

TONNAGES BY RAILROAD BY REGION

STATEWIDE TRANSPORTATION MODELING SYSTEM

COLUMN NUMBERS IN THE FOLLOWING TABLE CORRESPOND TO RAIL COMPANIES AS FOLLO

1. ANN ARBOR RAILWAY
2. BOYNE CITY RAILROAD
3. CANADIAN NATIONAL RAILWAY
4. CANADIAN PACIFIC RAILROAD
5. CHESAPEAKE & OHIO RAILWAY
6. CHICAGO & NORTHWESTERN RAILROAD
7. CHICAGO, MILWAUKEE, ST. PAUL & PACIFIC RR
8. DETROIT & MACKINAC RAILWAY
9. DETROIT & TOLEDO S L RAILROAD
10. DETROIT, TOLSON & IRONTON RAILROAD
11. ESCANABA & LAKE SUPERIOR RAILROAD
12. GRAND TRUNK WESTERN RAILROAD
13. LAKE SUPERIOR & ISHPEMING RAILROAD
14. MANISTIQUE & LAKE SUPERIOR RAILROAD
15. SOO LINE RAILROAD
16. NORFOLK AND WESTERN RAILWAY
17. PENN CENTRAL RAILROAD
18. PORT HURON & DETROIT RAILROAD

TONNAGES BY RAILROAD BY REGION

STATEWIDE TRANSPORTATION MODELING SYSTEM

REGION	1	2	3	4	5	6	7	8	9	10
1	990796	0	121	114190	6130309	0	0	0	2128794	9084706
2	0	0	0	0	0	0	0	0	0	42138
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	1113607	0	0	0	0	0
5	84639	0	0	0	3043576	0	0	0	0	0
6	501	0	0	0	499550	0	0	0	0	0
7	68797	0	55	0	5033019	0	0	1291934	0	0
8	883	0	0	0	2434648	0	0	0	0	0
9	0	0	0	0	0	0	0	2170956	0	0
10	46762	8707	0	0	1087291	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	6891750	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	2579572	0	0	0	0	0
TOTAL	1192378	8707	176	114190	21921572	6891750	0	3462890	2128794	9126844

REGION	11	12	13	14	15	16	17	18	19	TOTAL
1	0	6051069	0	0	0	3295025	17410061	0	0	45205071
2	0	2973	0	0	0	88213	886734	0	0	1020058
3	0	2242155	0	0	0	0	2631562	0	65362	4949079
4	0	50991	0	0	0	0	778229	0	0	1942827
5	0	2059748	0	0	0	0	55221	0	0	5243184
6	0	1878458	0	0	0	0	1243721	0	0	3622230
7	0	448971	0	0	0	0	3145424	0	0	9988200
8	0	383256	0	0	0	0	1512656	0	0	4331443
9	0	0	0	0	0	0	137840	0	0	2308796
10	0	0	0	0	0	0	55052	0	0	1197812
11	0	0	0	0	277762	0	0	0	0	277762
12	158050	0	7869974	0	415802	0	0	0	0	15335576
13	0	0	0	0	235708	0	0	0	0	235708
14	0	492618	0	0	0	0	28792	0	0	3100982
TOTAL	158050	13610239	7869974	0	929272	3383238	27885292	0	65362	98748728

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TABLE 10

NODE DATA SORTED BY USRA SEGMENT NUMBERS
STATEWIDE TRANSPORTATION MODELING SYSTEM

NETWORK NODE NUMBER	547 ZONE NO.	STATION NAME	COUNTY	SPLC CODE NO.	FSAC CODE NO.	RR CODE NO.	1972 FRA CARLOADS	1972 FRA TONNAGES	USRA SEG. NO.	NETWORK NODE NUMBER
6173	264	DEERFIELD	LENAWEE	318849	17618	622	4	250	391	6173
6174	330	PETERSBURG	MONROE	318760	44	208			391	6174
6181	330	FEDERMAN	MONROE	318765	619	10			391	6181
6182	330	IDA	MONROE	318762	17615	622	134	12861	391	6182
6155	267	CADMUS	LENAWEE						392	6155
6154	267	CLAYTON	LENAWEE	318866	17632	622	116	4496	392	6154
6153	262	ADRIAN	LENAWEE	318850	17630	622	1497	41697	392	6153
6938	112	VULCAN	DICKINSON						393	6938
6170	334	OTTAWA LAKE	MONROE	318798	17624	622	127	5344	393	6170
6171	264	RIGA	LENAWEE	318872	17625	622	350	25173	393	6171
6172	264	BLISSFIELD	LENAWEE	318870	17626	622	454	25777	393	6172
6163	264	LENAWEE JCT	LENAWEE	318844	17629	622	2	144	393	6163
6157	267	MORENCI	LENAWEE	318880	17655	622	351	9862	394	6157
6158	268	WESTON	LENAWEE	318885	17653	622	124	4899	394	6158
6159	268	JASPER	LENAWEE	318883	17652	622	12	473	394	6159
6160	264	ODGEN STA	LENAWEE	318874	17651	622	41	2312	394	6160
6119	167	LITCHFIELD	HILLSDALE	318943	17710	622	227	13321	398	6119
6096	162	JENESVILLE	HILLSDALE	318937	17637	622	35	1094	402	6096
6106	217	HAIRES	JACKSON						402	6106
6114	165	MONTGOMERY	HILLSDALE	318992	17708	622	246	2295	402	6114
6115	165	READING	HILLSDALE	318995	17707	622	276	26518	402	6115
6116	164	BANKERS	HILLSDALE	318982	17706	622			402	6116
6117	161	HILLSDALE	HILLSDALE	318970	17636	622	6204	244310	402	6117
6118	162	FT WAYNE JCT	HILLSDALE						402	6118
6120	167	MOSHERVILLE	HILLSDALE						402	6120
6121	218	HANOVER	JACKSON	318692	17703	622	4	254	402	6121
6122	218	HORTON	JACKSON	318682	17702	622	13	976	402	6122
6595	463	WATROUSVILLE	TUSCULA	317439	7595	125	1	9	438	6595
6596	463	WAHJAMEGA	TUSCULA	315362	17392	622			438	6596
6597	460	CARD	TUSCULA	315350	17393	622	1024	45424	438	6597
6598	470	COLLING	TUSCULA	315317	17401	622	82	7753	438	6598
6740	19	STANDISH	ARENEC	313460	17302	622	96	3845	440	6740
6741	21	STERLING	ARENEC						440	6741
6742	21	ALGER	ARENEC						440	6742
6743	380	GREENWOOD	DGEMAW						440	6743
6744	380	LORANGER	DGEMAW						440	6744
6745	380	WEST BRANCH	DGEMAW	313270	17307	622	225	10229	440	6745
6746	381	REAVER LAKE	DGEMAW						440	6746
6747	408	ST HELEN	ROSCOMMON	313334	17311	622	47	1962	440	6747
6748	408	GEFLS	ROSCOMMON						440	6748
6749	408	ROSCOMMON	ROSCOMMON	313310	17313	622	58	2214	440	6749
6750	101	GRAYLING	CRAWFORD	311960	17314	622	220	8900	440	6750
6751	102	FREDERIC	CRAWFORD	311934	17322	622			440	6751
6752	393	WATERS	OTSEGO						440	6752
6753	393	OTSEGO LAKE	OTSEGO						440	6753
6736	31	KAWKAHLIN	BAY	313763	17281	622	32	2225	440	6736
6737	33	LINWOOD	BAY	307622	17282	622			440	6737
6738	33	PINCONNING	BAY	313784	17285	622	111	6500	440	6738
6735	30	WENONA	BAY						440	6735
6759	80	MULLET LAKE	CHEBOYGAN						441	6759
6754	392	GAYLORD	OTSEGO	311640	17327	622	2118	121134	441	6754

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NODE DATA SORTED BY USRA SEGMENT NUMBERS

STATEWIDE TRANSPORTATION MODELING SYSTEM

NETWORK NODE NUMBER	547 ZONE NO.	STATION NAME	COUNTY	SPLC CODE NO.	FSAC CODE NO.	RR CODE NO.	1972 FRA CARLOADS	1972 FRA TONNAGES	USRA SEG. NO.	NETWORK NODE NUMBER
6755	394	VANDERBILT	OTSEGO	311624	17331	622	6	135	441	6755
6756	81	WOLVERINE	CHEBOYGAN						441	6756
6757	81	INDIAN RIVER	CHEBOYGAN	311273	17336	622	27	782	441	6757
6758	80	TOPINAREE	CHEBOYGAN	311277	17337	622	1	42	441	6758
6760	79	CHEBOYGAN	CHEBOYGAN	311210	735	204	7227	169800	441	6760
6797	280	ST IGNACE	MACKINAC	301950	2643	482	74	4292	442	6797
6615	31	AUBURN	BAY	313743	17274	622	213	12745	443	6615
6616	31	FISHERVILLE	BAY						443	6616
6617	315	MIDLAND	MIDLAND	313860	17278	622	11569	987787	443	6617
6603	465	DENMARK JCT	TUSCOLA	315366	17378	622	69	2724	444	6603
6605	465	REESE	TUSCOLA	315364	17381	622	148	10609	444	6605
6606	32	MUNGER	BAY	313794	17380	622	110	7165	444	6606
6594	469	VASSAR	TUSCOLA	315380	17376	622	849	30874	445	6594
6509	375	OXFORD	OSCEOLA	315905	5563	308	1777	144782	445	6509
6510	256	METAMORA	LAPEER	315596	17366	622	10	508	445	6510
6511	257	HUNTERS CREEK	LAPEER						445	6511
6515	252	LAPEER	LAPEER	315560	17371	622	310	16694	445	6515
6516	257	MILLVILLE	LAPEER						445	6516
6517	255	COLUMBIAVILLE	LAPEER						445	6517
6518	255	OTTER LAKE	LAPEER	315535	17374	622	1	72	445	6518
6519	462	MILLINGTON	TUSCOLA	315396	17375	622	58	4585	445	6519
6602	412	HOYT	SAGINAW						446	6602
6604	465	RICHVILLE	TUSCOLA	315368	17382	622	258	13368	446	6604
6609	409	SAGINAW	SAGINAW	316100	7466	125	32364	1754845	447	6609
6610	411	MERSHON	SAGINAW	317977	55719	125			447	6610
6612	411	CARROLLTON	SAGINAW	316216	17252	622	427	15130	447	6612
6613	412	ZILWAUKEE	SAGINAW	316214	17253	622	12	291	447	6613
6614	29	BAY CITY	BAY	313730	7478	125	4797	173320	447	6614
6111	66	ALRION	CALHOUN	319122	17044	622	1390	79635	448	6111
6413	122	EATON RAPIDS	EATON	316960	17177	622	608	41251	451	6413
6414	187	ONONDAGA	INGHAM	316885	17176	622	1	64	451	6414
6350	241	DUTTON	KENT	317478	17194	622			451	6350
6351	240	CALEDONIA	KENT	317488	17193	622	102	6492	451	6351
6352	28	MIDDLEVILLE	BARRY	317840	17191	622	57	926	451	6352
6353	26	IRVING	BARRY						451	6353
6354	25	HASTINGS	BARRY	317850	17187	622	213	8009	451	6354
6355	26	QUIMBY	BARRY						451	6355
6356	26	MORGAN	BARRY	317870	2449	482			451	6356
6357	26	NASHVILLE	BARRY	317820	17183	622	17	865	451	6357
6358	120	VERMONTVILLE	EATON	316998	17182	622	81	6600	451	6358
6359	115	CHESTER	EATON	316957	17181	622	3	107	451	6359
6360	113	CHARLOTTE	EATON	316930	17178	622	494	28535	451	6360
6720	76	BOYNE FALLS	CHARLEVOIX	312233	90	70			454	6720
6722	76	WALLOON LAKE	CHARLEVOIX						454	6722
6723	76	CHARION	CHARLEVOIX						454	6723
6724	124	PETOSKEY	EMMET	312190	7796	622	235	14488	454	6724
6725	127	BAY VIEW	EMMET	312182	7862	125			454	6725
6726	127	KEGONIC	EMMET	312186	7801	622	4	119	454	6726
6727	126	CONWAY	EMMET						454	6727
6772	1	GREENBUSH	ALCONA	311730	405	204	108	6966	454	6772
6728	126	OPEN	EMMET	318874	17651	622			454	6728
6729	126	ALANSON	EMMET	312154	7814	622	2	40	454	6729
6730	126	BRUTUS	EMMET						454	6730
6731	126	PELLSTON	EMMET	312134	7818	622	52	1535	454	6731
6732	125	LEVERING	EMMET	312124	7824	622			454	6732
6733	125	CARP LAKE	EMMET						454	6733
6734	125	MACKINAC	EMMET	311257	7834	622	6	253	454	6734
6657	390	ASHTON	OSCEOLA						454	6657
6658	390	LERDY	OSCEOLA	314444	7706	622	7	285	454	6658

TABLE 11 (CONTINUED)

NODE DATA SORTED BY USRA SEGMENT NUMBERS
STATEWIDE TRANSPORTATION MODELING SYSTEM

NETWORK NODE NUMBER	547 ZONE NO.	STATION NAME	COUNTY	SPLC CODE NO.	FSAC CODE NO.	RR CODE NO.	1972 FRA CARLOADS	1972 FRA TONNAGES	USRA SEG. NO.	NETWORK NODE NUMBER
6659	390	TUSTIN	OSCEOLA	314428	7708	622	3	119	454	6659
6660	506	HOPART	WEXFORD						454	6660
6661	505	CADILLAC	WEXFORD	314260	7716	622	202	7187	454	6661
6689	506	MISSAUKEE JCT	WEXFORD	314165	7719	622	175	3254	454	6689
6690	508	MANTON	WEXFORD	314232	7744	622	27	655	454	6690
6691	153	WALTON JCT	GRAND TRAVERSE	312857	7748	622	1	16	454	6691
6713	234	SOUTH BOARDMAN	KALKASKA	312690	7762	622	26	1043	454	6713
6714	234	KALKASKA	KALKASKA	312650	7764	622	217	8432	454	6714
6715	234	LEETSVILLE	KALKASKA						454	6715
6716	16	ANTRIM	ANTRIM	312423	7770	622	71	2644	454	6716
6717	16	MANCELONA	ANTRIM	312430	7771	622	46	1784	454	6717
6718	16	ALRA	ANTRIM	312420	7773	622			454	6718
6656	387	REED CITY	OSCEOLA	314490	7511	125	225	9348	454	6656
6719	16	ELMIRA	ANTRIM	311654	7778	622	4	63	454	6719
6323	245	SAND LAKE	KENT	317410	7675	622	5	143	454	6323
6324	339	PIERSON	MONTCALM	317148	7677	622	11	564	454	6324
6325	339	MAPLE HILL	MONTCALM						454	6325
6326	339	HOWARD CITY	MONTCALM	317128	7681	622	15	470	454	6326
6327	310	MORLEY	MECOSTA	314794	7684	622	2	101	454	6327
6328	310	HORLAND	MECOSTA						454	6328
6329	310	STANHOOD	MECOSTA	314774	7686	622	26	1673	454	6329
6330	306	BIG RAPIDS	MECOSTA	314750	7689	622	130	5550	454	6330
6308	238	COMSTOCK PK	KENT	317451	7662	622	16	539	454	6308
6320	238	BELMONT	KENT						454	6320
6321	238	ROCKFORD	KENT	317430	7669	622	171	6511	454	6321
6322	245	CEDAR SPRINGS	KENT	317420	7672	622	482	33874	454	6322
7177	216	JACKSON CN	JACKSON	318651	17900	622	63	1978	455	7177
7180	216	JACKSON TWT	JACKSON	318653	17041	622	1	50	455	7180
6415	219	RIVES JCT	JACKSON	318622	17203	622	8	152	455	6415
6416	187	LESLIE	INGHAM	316882	17204	622	48	4498	455	6416
6417	186	EDEN	INGHAM	316883	17205	622			455	6417
6418	186	MASON	INGHAM	316880	17206	622	735	39026	455	6418
6419	185	HOLT	INGHAM	316870	17207	622	11	349	455	6419
6420	183	LANSING	INGHAM	316700	17210	622	28504	1123280	455	6420
6432	93	RATH	CLINTON	316563	17213	622	1	11	455	6432
6433	434	LAINGSBURG	SHIAWASSEE	316468	17214	622	20	594	455	6433
6434	434	BENNINGTON	SHIAWASSEE	316466	17215	622			455	6434
6458	439	HENDERSON	SHIAWASSEE	316422	17221	622	137	11882	455	6458
6459	418	OAKLEY	SAGINAW	316287	17222	622	47	3955	455	6459
6460	420	CHESANING	SAGINAW	316280	17223	622	232	18580	455	6460
6461	416	FERGUS	SAGINAW	316275	17225	622	19	1299	455	6461
6462	416	ST CHARLES	SAGINAW	316270	17226	622	27	1423	455	6462
6463	416	GARFIELD	SAGINAW						455	6463
6464	416	SWAN CREEK	SAGINAW						455	6464
6465	416	PAINES	SAGINAW	316253	7538	125	3	111	455	6465
6107	216	JACKSON	JACKSON	318650	5556	308	72	2973	455	6107
6068	454	PERRING	ST JOSEPH						456	6068
6069	453	NOTTAWA	ST JOSEPH	319738	7586	622	9	396	456	6069
6070	453	WASEPI	ST JOSEPH						456	6070
6073	456	MENDON	ST JOSEPH	319718	7589	622	103	7880	456	6073
6074	233	VICKSBURG	KALAMAZOO	319250	7591	622	849	38845	456	6074
6067	452	STURGIS	ST JOSEPH	319760	7583	622	1847	72314	456	6067
7358	226	KALAMAZOO TWT	KALAMAZOO	319320	7597	622	1259	43886	459	7358
5993	226	KALAMAZOO	KALAMAZOO	319300	7596	622	2567	113727	459	5993
5936	227	UPJOHN	KALAMAZOO	319262	7593	622	1958	106970	459	5936
5935	227	INDIANFIELD	KALAMAZOO	319269	7594	622	956	36943	459	5935
6264	12	MARTIN	ALLEGAN	317935	7610	622	187	12118	460	6264
6265	12	SHELBYVILLE	ALLEGAN	317952	7612	622	1	77	460	6265
6266	12	BRADLEY	ALLEGAN	317927	7614	622			460	6266

NODE DATA SORTED BY USRA SEGMENT NUMBERS
STATEWIDE TRANSPORTATION MODELING SYSTEM

NETWRK NODE NUMBER	547 ZONE NO.	STATION NAME	COUNTY	SPLC CODE NO.	FSAC CODE NO.	RR CODE NO.	1972 FRA CARLOADS	1972 FRA TONNAGES	USRA SEG. NO.	NETWORK NODE NUMBER
6267	12	WAYLAND	ALLEGAN	317958	7616	622	428	14664	460	6267
6268	12	MOLINE	ALLEGAN	317939	7618	622	1	31	460	6268
6269	241	ROSS	KENT						460	6269
6270	248	FISHER	KENT	317474	7624	622	163	8797	460	6270
6076	9	PLAINWELL	ALLEGAN	317949	7603	622	1527	86227	460	6076
5970	248	WYOMING	KENT	317458	7726	125	2501	110415	460	5970
5965	241	CARLISLE	KENT	317473	7622	622	176	4852	460	5965
5962	248	SOLVAY	KENT	317560	7626	622	2	71	460	5962
6271	236	GRAND RAPIDS	KENT	317500	7641	125	15043	447399	461	6271
5964	236	GRAND RAPIDS TVT	KENT	317540	7635	622	836	24615	461	5964
7363	237	GRAND RAPIDS MC	KENT	317501	17745	622	6	196	463	7363
7291	9	PLAINWELL N	ALLEGAN	317950	17733	622	8	439	463	7291
6257	9	OTSEGO	ALLEGAN	317947	17734	622	3643	177854	463	6257
6258	7	ALLEGAN	ALLEGAN	317921	17736	622	12	240	463	6258
6259	7	MINER LAKE	ALLEGAN						463	6259
6260	12	HOPKINS	ALLEGAN	317923	17738	622	21	909	463	6260
6261	12	HILLARDS	ALLEGAN						463	6261
6262	12	DORR	ALLEGAN	317925	17740	622	146	5275	463	6262
6263	241	BYRON CENTER	KENT	317492	17742	622	17	5601	463	6263
5966	248	WENTWARTH	KENT	317466	17743	622	12	132	463	5966
5963	236	EAGLE MILLS	KENT	317550	17744	622	27	1236	463	5963
6077	230	RICHLAND JCT	KALAMAZOO						464	6077
6078	28	DOSTER	BARPY	317914	17516	622	48	1916	464	6078
6079	230	RICHLAND	KALAMAZOO	319216	17515	622	43	2942	464	6079
7357	226	KALAMAZOO N	KALAMAZOO	319301	17730	622	1619	57447	466	7357
7359	226	KALAMAZOO TVT N	KALAMAZOO	319331	17071	622	130	4488	466	7359
6016	45	NILES	BERRIEN	319961	17078	622	2036	102653	466	6016
6027	69	GLENWOOD	CASS	319832	17075	622			466	6027
6028	472	DECATUR	VAN BUREN	319480	17074	622	157	11365	466	6028
6029	472	LAWTON	VAN BUREN	319466	17073	622	294	17593	466	6029
6030	472	MATTAWAN	VAN BUREN	319462	17072	622	1	34	466	6030
6031	231	MILLER	KALAMAZOO	319459	7700	125			466	6031
6032	226	KALAMAZOO	KALAMAZOO	319330	17070	622	11553	654094	466	6032
6026	69	DRWAGIAC	CASS	319820	17076	622	1212	54108	466	6026
6000	43	GRAND BEACH	BERRIEN						467	6000
6001	43	NEW BUFFALO	BERRIEN	319983	7660	125	13	476	467	6001
6010	43	THREE OAKS	BERRIEN	319987	17086	622	21	1098	467	6010
6011	47	AVERY	BERRIEN						467	6011
6012	47	GALIEN	BERRIEN	319958	17083	622	9	371	467	6012
6013	47	DAYTON	BERRIEN						467	6013
6014	47	BUCHANAN	BERRIEN	319955	17081	622	505	31294	467	6014
7355	226	KALAMAZOO CKS	KALAMAZOO	319335	17500	622	8809	269286	468	7355
6052	475	FLOOMINGDALE	VAN BUREN	319417	17166	622	1	21	468	6052
6055	475	KENDALL	VAN BUREN	319412	17163	622	5	289	468	6055
6056	475	MENSHA	VAN BUREN	319411	17161	622			468	6056
6057	231	ALAMO	KALAMAZOO						468	6057
6044	471	SOUTH HAVEN	VAN BUREN	319420	7699	125	230	9217	468	6044
6045	474	KIRRIE	VAN BUREN	319426	17174	622	1	36	468	6045
6046	474	LACOTA	VAN BUREN						468	6046
6053	475	GOPIES	VAN BUREN	319413	17165	622	23	1704	468	6053
6054	475	PINE GROVE	VAN BUREN						468	6054
6050	474	GRAND JCT	VAN BUREN	319422	7706	125	7	98	468	6050
6051	475	REPLAMONT	VAN BUREN						468	6051
6692	153	SUMMIT CITY	GRAND TRAVERSE	312853	7751	622	1	14	470	6692
6693	153	KINGSLEY	GRAND TRAVERSE	312892	7752	622	12	723	470	6693
6694	153	MAYFIELD	GRAND TRAVERSE	312895	7753	622			470	6694
6695	151	TRAVERSE CITY	GRAND TRAVERSE	312860	7757	622	179	7438	470	6695
7306	37	ST JOSEPH CCL	BERRIEN	319948	17799	622			471	7306
7307	37	ST JOSEPH MC	BERRIEN	319950	17155	622	1244	16382	471	7307
7194	37	RENTON HARBOR TVT	BERRIEN	319912	17153	622	144	5604	471	7194

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NODE DATA SORTED BY USRA SEGMENT NUMBERS
STATEWIDE TRANSPORTATION MODELING SYSTEM

NETWORK NODE NUMBER	547 ZONE NO.	STATION NAME	COUNTY	SPLC CODE NO.	FSAC CODE NO.	RR CODE NO.	1972 FRA CARLOADS	1972 FRA TONNAGES	USRA SEG. NO.	NETWORK NODE NUMBER
7195	37	BENTON HARBOR MC	BERRIEN	319911	17154	622	198	12726	471	7195
6287	396	PENN JCT	OTTAWA	317431	55665	308			472	6287
6288	236	FULLER	KENT	309791	55651	381			472	6288
6290	396	CONKLIN	OTTAWA	317616	7651	622	50	1520	472	6290
6291	351	RAVENNA	MUSKEGON	317255	7652	622	15	503	472	6291
6292	351	SULLIVAN	MUSKEGON						472	6292
6293	342	MUSKEGON HTS	MUSKEGON	317287	7657	622	232	7641	472	6293
6294	342	MUSKEGON	MUSKEGON	317270	7659	622	504	19128	472	6294
5972	236	BRISTOL	KENT	317450	7647	622	6	248	472	5972
5971	236	KINNEY	KENT	317453	7648	622	111	4574	472	5971
6662	506	ROON	WEXFORD	314272	838	10	1	38	1301	6662
6663	506	HARRIETTA	WEXFORD						1301	6663
6664	507	YUMA	WEXFORD	314248	848	10	18	538	1301	6664
6665	507	MESICK	WEXFORD	314243	854	10	34	1170	1301	6665
6666	507	HARLAN	WEXFORD	314319	862	10			1301	6666
6667	293	POMONA	HANISTEE	314316	865	10	67	873	1301	6667
6668	293	COPEMISH	HANISTEE	314312	868	10	1	50	1301	6668
6669	36	THOMPSONVILLE	BENZIE	312953	7792	125	2	91	1301	6669
6683	91	LAKE GEORGE	CLARE	313624	794	10	9	319	1301	6683
6684	91	TEMPLE	CLARE	313634	801	10			1301	6684
6685	389	MARION	OSCEOLA	314414	809	10	22	883	1301	6685
6686	389	PARK LAKE	OSCEOLA						1301	6686
6687	320	MCRAIN	MISSAUKEE	314192	817	10	57	2796	1301	6687
6688	320	LUCAS	MISSAUKEE	314196	821	10	8	457	1301	6688
6626	158	FOREST HILL	GRATIOT	316348	750	10			1301	6626
6627	211	SHEPHERD	ISABELLA	313960	756	10	133	10969	1301	6627
6628	210	MT PLEASANT	ISABELLA	313950	7494	125	348	14051	1301	6628
6629	213	ROSEBUSH	ISABELLA	313926	771	10			1301	6629
6630	89	CLARE	CLARE	313654	7497	125	46	1892	1301	6630
6631	91	FARWELL	CLARE	313664	7504	125	12	573	1301	6631
6435	433	DROSSO	SHIAWASSEE	316450	17220	622	504	25471	1301	6435
6399	156	ALMA	GRATIOT	316330	745	10	188	7483	1301	6399
6400	160	ITHACA	GRATIOT	316356	738	10	227	12025	1301	6400
6401	157	NORTH STAR	GRATIOT	316321	734	10	61	3929	1301	6401
6402	159	ASHLEY	GRATIOT	316311	5750	308			1301	6402
6403	159	BANNISTER	GRATIOT	316384	724	10	1	40	1301	6403
6404	96	ELSTIE	CLINTON	316514	720	10	9	501	1301	6404
6405	437	CARLAND	SHIAWASSEE	316426	715	10	2	123	1301	6405
6670	36	WELDON	BENZIE	312924	877	10			1302	6670
6671	36	HOWESTEAD	BENZIE						1302	6671
6672	35	BEULAH	BENZIE	312923	883	10	137	5466	1302	6672
6673	34	ELBERTA	BENZIE	312974	890	10	115	3550	1302	6673
6674	34	FRANFORT	BENZIE	312984	892	10	201	5594	1302	6674

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CARLOADS BY RAILROAD BY PRELIMINARY FUNCTIONAL CLASSIFICATION
STATEWIDE TRANSPORTATION MODELING SYSTEM
MAXIMUM CLASSIFICATION USED AT INTERSECTIONS

	0	1	2	3	4	5	TOTAL
ANN ARBOR RAILWAY	5359	980	0	20	5061	11225	22645
BOYNE CITY RAILROAD	0	0	312	0	0	0	312
CANADIAN NATIONAL RAILWAY	4	0	0	0	0	0	4
CANADIAN PACIFIC RAILROAD	2196	0	0	0	0	0	2196
CHESAPEAKE & OHIO RAILWAY	235998	35014	130923	14242	33462	64281	513920
CHICAGO & NORTHWESTERN RAILRD	123858	0	0	5242	8735	0	137835
CHIG, MIL, ST. PAUL & PACIFIC RR	0	0	0	0	0	0	0
DETROIT & MACKINAC RAILWAY	20645	0	0	8673	35857	0	65175
DETROIT & TOLEDO S L RAILROAD	33839	0	0	0	0	0	33839
DET, TOL & IRONTON RAILROAD	174205	0	0	7785	0	102	182092
ESCANABA & LAKE SUP RAILROAD	981	0	0	0	1744	0	2725
GRAND TRUNK WESTERN RAILROAD	252866	14061	32612	7297	64088	2760	373684
LAKE SUP & ISHFEMING RAILROAD	105157	0	0	0	1194	0	106351
MANISTIQUE & LAKE SUP RAILROAD	0	0	0	0	0	0	0
SOO LINE RAILROAD	2159	0	3683	8052	6514	522	20930
NORFOLK AND WESTERN RAILWAY	108646	3545	0	0	0	1167	113358
PENN CENTRAL RAILROAD	402631	33917	37662	11951	50070	28050	564281
FORT HURON & DET RAILROAD	0	0	0	0	0	0	0
OTHER	919	0	0	0	0	0	919
TOTAL	1469463	87517	205192	63262	206725	108107	2140266

- 0 - NO CLASSIFICATION ASSIGNED
- 1 - INTERSTATE MAINLINE
- 2 - STATE MAINLINE
- 3 - STATE SECONDARY LINE
- 4 - LOCAL LINE
- 5 - POTENTIAL ABANDONMENTS

CARLOADS BY RAILROAD BY PRELIMINARY FUNCTIONAL CLASSIFICATION
 STATEWIDE TRANSPORTATION MODELING SYSTEM
 MINIMUM CLASSIFICATION USED AT INTERSECTIONS

	0	1	2	3	4	5	TOTAL
ANN ARBOR RAILWAY	11076	0	0	65	11102	402	22645
BOYNE CITY RAILROAD	0	0	312	0	0	0	312
CANADIAN NATIONAL RAILWAY	4	0	0	0	0	0	4
CANADIAN PACIFIC RAILROAD	2196	0	0	0	0	0	2196
CHESAPEAKE & OHIO RAILWAY	416780	165	66617	7914	20947	1497	513920
CHICAGO & NORTHWESTERN RAILRD	136134	0	0	1700	1	0	137835
CHIG, MIL, ST. PAUL & PACIFIC RR	0	0	0	0	0	0	0
DETROIT & MACKINAC RAILWAY	47326	0	0	6889	10960	0	65175
DETROIT & TOLEDO S L RAILROAD	33839	0	0	0	0	0	33839
DET, TOL & IRONTON RAILROAD	181990	0	0	102	0	0	182092
ESCANABA & LAKE SUP RAILROAD	1744	0	0	0	981	0	2725
GRAND TRUNK WESTERN RAILROAD	289503	9800	61742	4167	7573	899	373684
LAKE SUP & ISHPEMING RAILROAD	105157	0	0	0	1194	0	106351
MANISTIQUE & LAKE SUP RAILROAD	0	0	0	0	0	0	0
SCO LINE RAILROAD	3823	0	4853	6765	5251	238	20930
NORFOLK AND WESTERN RAILWAY	109813	3545	0	0	0	0	113358
PENN CENTRAL RAILROAD	486258	33779	17397	360	25015	1472	564281
PORT HURON & DET RAILROAD	0	0	0	0	0	0	0
OTHER	919	0	0	0	0	0	919
TOTAL	1826562	47289	150921	27962	83024	4508	2140266

- 0 - NO CLASSIFICATION ASSIGNED
- 1 - INTERSTATE MAINLINE
- 2 - STATE MAINLINE
- 3 - STATE SECONDARY LINE
- 4 - LOCAL LINE
- 5 - POTENTIAL ABANDONMENTS

CARLOADS BY RAILROAD BY PRELIMINARY FUNCTIONAL CLASSIFICATION

STATEWIDE TRANSPORTATION MODELING SYSTEM

MINIMUM CLASSIFICATION GREATER THAN ZERO USED AT INTERSECTIONS

	0	1	2	3	4	5	TOTAL
ANN ARBOR RAILWAY	7742	0	0	65	14252	586	22645
BOYNE CITY RAILROAD	0	0	312	0	0	0	312
CANADIAN NATIONAL RAILWAY	4	0	0	0	0	0	4
CANADIAN PACIFIC RAILROAD	2196	0	0	0	0	0	2196
CHESAPEAKE & OHIO RAILWAY	404080	165	76503	7840	20117	5215	513920
CHICAGO & NORTHWESTERN RAILRD	136040	0	0	1794	1	0	137835
CHICAGO, MILWAUKEE, ST. PAUL & PACIFIC RR	0	0	0	0	0	0	0
DETROIT & MACKINAC RAILWAY	44633	0	0	9582	10960	0	65175
DETROIT & TOLEDO S L RAILROAD	33839	0	0	0	0	0	33839
DET, TOL & IRONTON RAILROAD	174205	0	0	7785	0	102	182092
ESCANABA & LAKE SUP RAILROAD	1744	0	0	0	981	0	2725
GRAND TRUNK WESTERN RAILROAD	285435	13439	58678	7297	7924	911	373684
LAKE SUP & ISHPFEMING RAILROAD	105157	0	0	0	1194	0	106351
MANISTIQUE & LAKE SUP RAILROAD	0	0	0	0	0	0	0
SOO LINE RAILROAD	3821	0	4743	6658	5470	238	20930
NORFOLK AND WESTERN RAILWAY	109813	3545	0	0	0	0	113358
PENN CENTRAL RAILROAD	456498	33681	19587	360	44272	9883	564281
PORT HURON & DET RAILROAD	0	0	0	0	0	0	0
OTHER	919	0	0	0	0	0	919
TOTAL	1766126	50830	159823	41381	105171	16935	2140266

- 0 - NO CLASSIFICATION ASSIGNED
- 1 - INTERSTATE MAINLINE
- 2 - STATE MAINLINE
- 3 - STATE SECONDARY LINE
- 4 - LOCAL LINE
- 5 - POTENTIAL ABANDONMENTS

TONNAGES BY RAILROAD BY PRELIMINARY FUNCTIONAL CLASSIFICATION
STATEWIDE TRANSPORTATION MODELING SYSTEM
MAXIMUM CLASSIFICATION USED AT INTERSECTIONS

	0	1	2	3	4	5	TOTAL
ANN ARBOR RAILWAY	211887	15390	0	569	169299	795233	1192378
BODYNE CITY RAILROAD	0	0	8707	0	0	0	8707
CANADIAN NATIONAL RAILWAY	176	0	0	0	0	0	176
CANADIAN PACIFIC RAILROAD	114190	0	0	0	0	0	114190
CHESAPEAKE & OHIO RAILWAY	9758041	1204073	5683468	638197	1857019	2780774	21921572
CHICAGO & NORTHWESTERN RAILRD	6192900	0	0	262100	436750	0	6891750
CHIG, MIL, ST. PAUL & PACIFIC RR	0	0	0	0	0	0	0
DETROIT & MACKINAC RAILWAY	1054065	0	0	521134	1887691	0	3462890
DETROIT & TOLEDO S L RAILROAD	2128794	0	0	0	0	0	2128794
DET, TOL & IPONTON RAILROAD	8591484	0	0	529094	0	6266	9126844
ESCANABA & LAKE SUP RAILROAD	56898	0	0	0	101152	0	158050
GRAND TRUNK WESTERN RAILROAD	9580962	717688	1036550	182588	1901096	191355	13610239
LAKE SUP & ISHPEMING RAILROAD	7781618	0	0	0	88356	0	7869974
MANISTIQUE & LAKE SUP RAILROAD	0	0	0	0	0	0	0
SDO LINE RAILROAD	125222	0	213614	467070	93090	30276	929272
NORFOLK AND WESTERN RAILWAY	3166728	160232	0	0	0	56278	3383238
PENN CENTRAL RAILROAD	20512086	1005856	1770595	1015331	2225405	1356019	27885292
PORT HURON & DET RAILROAD	0	0	0	0	0	0	0
OTHER	65362	0	0	0	0	0	65362
TOTAL	69340413	3103239	8712934	3616083	8759858	5216201	98748728

- 0 - NO CLASSIFICATION ASSIGNED.
- 1 - INTERSTATE MAINLINE
- 2 - STATE MAINLINE
- 3 - STATE SECONDARY LINE
- 4 - LOCAL LINE
- 5 - POTENTIAL ABANDONMENTS

TONNAGES BY RAILROAD BY PRELIMINARY FUNCTIONAL CLASSIFICATION
STATEWIDE TRANSPORTATION MODELING SYSTEM
MINIMUM CLASSIFICATION USED AT INTERSECTIONS

	0	1	2	3	4	5	TOTAL
ANN ARBOR RAILWAY	379945	0	0	1149	794808	16476	1192378
BOYNE CITY RAILROAD	0	0	8707	0	0	0	8707
CANADIAN NATIONAL RAILWAY	176	0	0	0	0	0	176
CANADIAN PACIFIC RAILROAD	114190	0	0	0	0	0	114190
CHESAPEAKE & OHIO RAILWAY	16566141	8079	3740515	390944	1156552	59341	21921572
CHICAGO & NORTHWESTERN RAILRD	6806700	0	0	85000	50	0	6891750
CHICAGO, MILWAUKEE, ST. PAUL & PACIFIC RR	0	0	0	0	0	0	0
DETROIT & MACKINAC RAILWAY	2335218	0	0	440355	687317	0	3462890
DETROIT & TOLEDO S L RAILROAD	2128794	0	0	0	0	0	2128794
DET, TOL & TRONTON RAILROAD	9120578	0	0	6266	0	0	9126844
ESCANABA & LAKE SUP RAILROAD	101152	0	0	0	56898	0	158050
GRAND TRUNK WESTERN RAILROAD	10843413	560512	1903130	135166	124926	43092	13610239
LAKE SUP & ISHPeming RAILROAD	7781618	0	0	0	88356	0	7869974
MANISTIQUE & LAKE SUP RAILROAD	0	0	0	0	0	0	0
SOO LINE RAILROAD	194068	0	281474	392424	47502	13804	929272
NORFOLK AND WESTERN RAILWAY	3223006	160232	0	0	0	0	3383238
PENN CENTRAL RAILROAD	24875068	988323	823156	26343	1090181	82221	27885292
PORT HURON & DET RAILROAD	0	0	0	0	0	0	0
OTHER	65362	0	0	0	0	0	65362
TOTAL	84535429	1717146	6756982	1477647	4046590	214934	98748728

- 0 - NO CLASSIFICATION ASSIGNED
- 1 - INTERSTATE MAINLINE
- 2 - STATE MAINLINE
- 3 - STATE SECONDARY LINE
- 4 - LOCAL LINE
- 5 - POTENTIAL ABANDONMENTS

TONNAGES BY RAILROAD BY PRELIMINARY FUNCTIONAL CLASSIFICATION

STATEWIDE TRANSPORTATION MODELING SYSTEM

MINIMUM CLASSIFICATION GREATER THAN ZERO USED AT INTERSECTIONS

	0	1	2	3	4	5	TOTAL
ANN ARBOR RAILWAY	279132	0	0	1149	882783	29314	1192378
BOYNE CITY RAILROAD	0	0	8707	0	0	0	8707
CANADIAN NATIONAL RAILWAY	176	0	0	0	0	0	176
CANADIAN PACIFIC RAILROAD	114190	0	0	0	0	0	114190
CHESAPEAKE & OHIO RAILWAY	16231057	8079	3991636	381624	1113859	195317	21921572
CHICAGO & NORTHWESTERN RAILRD	6802000	0	0	89700	50	0	6891750
CHIG, MIL, ST. PAUL & PACIFIC RR	0	0	0	0	0	0	0
DETROIT & MACKINAC RAILWAY	2189065	0	0	586508	687317	0	3462890
DETROIT & TOLEDO S L RAILROAD	2128794	0	0	0	0	0	2128794
DET, TOL & FRONTON RAILROAD	8591484	0	0	529094	0	6266	9126844
ESCANABA & LAKE SUP RAILROAD	101152	0	0	0	56898	0	158050
GRAND TRUNK WESTERN RAILROAD	10691879	693029	1861658	182588	137485	43600	13610239
LAKE SUP & ISHEMING RAILROAD	7781618	0	0	0	88356	0	7869974
MANISTIQUE & LAKE SUP RAILROAD	0	0	0	0	0	0	0
SOO LINE RAILROAD	193952	0	275094	386218	60204	13804	929272
NORFOLK AND WESTERN RAILWAY	3223006	160232	0	0	0	0	3383238
PENN CENTRAL RAILROAD	23566191	989669	931696	26343	1915854	455539	27885292
PORT HURON & DET RAILROAD	0	0	0	0	0	0	0
OTHER	65362	0	0	0	0	0	65362
TOTAL	81959058	1851009	7068791	2183224	4942806	743840	98748728

- 0 - NO CLASSIFICATION ASSIGNED
- 1 - INTERSTATE MAINLINE
- 2 - STATE MAINLINE
- 3 - STATE SECONDARY LINE
- 4 - LOCAL LINE
- 5 - POTENTIAL ABANDONMENTS

CARLOADS BY RAILROAD BY ABANDONMENT STATUS
STATEWIDE TRANSPORTATION MODELING SYSTEM
MAXIMUM CLASSIFICATION USED AT INTERSECTIONS

	0	1	TOTAL
ANN ARBOR RAILWAY	22031	614	22645
BOYNE CITY RAILROAD	0	312	312
CANADIAN NATIONAL RAILWAY	4	0	4
CANADIAN PACIFIC RAILROAD	2196	0	2196
CHESAPEAKE & OHIO RAILWAY	511626	2294	513920
CHICAGO & NORTHWESTERN RAILRD	137835	0	137835
CHIG, MIL, ST. PAUL & PACIFIC RR	0	0	0
DETROIT & MACKINAC RAILWAY	57948	7227	65175
DETROIT & TOLEDO S L RAILROAD	33839	0	33839
DET, TOL & IRONTON RAILROAD	182092	0	182092
ESCANABA & LAKE SUP RAILROAD	2725	0	2725
GRAND TRUNK WESTERN RAILROAD	373332	352	373684
LAKE SUP & ISHPEMING RAILROAD	106351	0	106351
MANISTIQUE & LAKE SUP RAILROAD	0	0	0
SOO LINE RAILROAD	20930	0	20930
NORFOLK AND WESTERN RAILWAY	113358	0	113358
PENN CENTRAL RAILROAD	531399	32882	564281
PORT HURON & DET RAILROAD	0	0	0
OTHER	919	0	919
TOTAL	2096585	43681	2140266

0 - NO ABANDONMENT PETITION FILED
 1 - FILED FOR ABANDONMENT

CARLOADS BY RAILROAD BY ABANDONMENT STATUS
STATEWIDE TRANSPORTATION MODELING SYSTEM
MINIMUM CLASSIFICATION USED AT INTERSECTIONS

	0	1	TOTAL
ANN ARBOR RAILWAY	22393	252	22645
BOYNE CITY RAILROAD	0	312	312
CANADIAN NATIONAL RAILWAY	4	0	4
CANADIAN PACIFIC RAILROAD	2196	0	2196
CHESAPEAKE & OHIO RAILWAY	513194	726	513920
CHICAGO & NORTHWESTERN RAILRD	137835	0	137835
CHIG, MIL, ST. PAUL & PACIFIC RR	0	0	0
DETROIT & MACKINAC RAILWAY	65175	0	65175
DETROIT & TOLEDO S L RAILROAD	33839	0	33839
DET, TOL & IRONTON RAILROAD	182092	0	182092
ESCANABA & LAKE SUP RAILROAD	2725	0	2725
GRAND TRUNK WESTERN RAILROAD	373673	11	373684
LAKE SUP & ISHPEMING RAILROAD	106351	0	106351
MANISTIQUE & LAKE SUP RAILROAD	0	0	0
SOO LINE RAILROAD	20930	0	20930
NORFOLK AND WESTERN RAILWAY	113358	0	113358
PENN CENTRAL RAILROAD	558907	5374	564281
PORT HURON & DET RAILROAD	0	0	0
OTHER	919	0	919
TOTAL	2133591	6675	2140266

0 - NO ABANDONMENT PETITION FILED
 1 - FILED FOR ABANDONMENT

TONNAGES BY RAILROAD BY ABANDONMENT STATUS

STATEWIDE TRANSPORTATION MODELING SYSTEM
 MAXIMUM CLASSIFICATION USED AT INTERSECTIONS

	0	1	TOTAL
ANN ARBOR RAILWAY	1165424	26954	1192378
BOYNE CITY RAILROAD	0	8707	8707
CANADIAN NATIONAL RAILWAY	176	0	176
CANADIAN PACIFIC RAILROAD	114190	0	114190
CHESAPEAKE & OHIO RAILWAY	21824929	96643	21921572
CHICAGO & NORTHWESTERN RAILRD	6891750	0	6891750
CHIG, MIL, ST. PAUL & PACIFIC RR	0	0	0
DETROIT & MACKINAC RAILWAY	3293090	169800	3462890
DETROIT & TOLEDO S L RAILROAD	2128794	0	2128794
DET, TOL & IRONTON RAILROAD	9126844	0	9126844
ESCANABA & LAKE SUP RAILROAD	158050	0	158050
GRAND TRUNK WESTERN RAILROAD	13589514	20725	13610239
LAKE SUP & ISHPEMING RAILROAD	7869974	0	7869974
MANISTIQUE & LAKE SUP RAILROAD	0	0	0
SOD LINE RAILROAD	929272	0	929272
NORFOLK AND WESTERN RAILWAY	3383238	0	3383238
PENN CENTRAL RAILROAD	26251594	1633698	27885292
PORT HURON & DET RAILROAD	0	0	0
OTHER	65362	0	65362
TOTAL	96792201	1956527	98748728

0 - NO ABANDONMENT PETITION FILED

1 - FILED FOR ABANDONMENT

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TONNAGES BY RAILROAD BY ABANDONMENT STATUS

STATEWIDE TRANSPORTATION MODELING SYSTEM

MINIMUM CLASSIFICATION USED AT INTERSECTIONS

	0	1	TOTAL
ANN ARBOR RAILWAY	1183362	9016	1192378
BOYNE CITY RAILROAD	0	8707	8707
CANADIAN NATIONAL RAILWAY	176	0	176
CANADIAN PACIFIC RAILROAD	114190	0	114190
CHESAPEAKE & OHIO RAILWAY	21892890	28682	21921572
CHICAGO & NORTHWESTERN RAILRD	6891750	0	6891750
CHIG, MIL, ST. PAUL & PACIFIC RR	0	0	0
DETROIT & MACKINAC RAILWAY	3462890	0	3462890
DETROIT & TOLEDO S L RAILROAD	2128794	0	2128794
DET, TOL & IRONTON RAILROAD	9126844	0	9126844
ESCANABA & LAKE SUP RAILROAD	158050	0	158050
GRAND TRUNK WESTERN RAILROAD	13610030	209	13610239
LAKE SUP & ISHPEMING RAILROAD	7869974	0	7869974
MANISTIQUE & LAKE SUP RAILROAD	0	0	0
SOO LINE RAILROAD	929272	0	929272
NORFOLK AND WESTERN RAILWAY	3383238	0	3383238
PENN CENTRAL RAILROAD	27605603	279689	27885292
PORT HURON & DET RAILROAD	0	0	0
OTHER	65362	0	65362
TOTAL	98422425	326303	98748728

0 - NO ABANDONMENT PETITION FILED

1 - FILED FOR ABANDONMENT

MILEAGE BY RAILROAD BY 1972 FRA DENSITY CLASS

STATEWIDE TRANSPORTATION MODELING SYSTEM

	0	1	2	3	4	5	6	TOTAL
ANN ARBOR RAILROAD	0.00	5.00	179.80	68.69	4.60	0.00	0.00	258.09
BOYNE CITY RAILROAD.	7.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00
CADILLAC & LAKE CITY RAILWAY	10.84	0.00	0.00	0.00	0.00	0.00	0.00	10.84
CHESAPEAKE & OHIO RAILWAY	190.09	157.67	554.87	1.10	234.05	239.04	0.00	1376.82
CHICAGO & NORTH WESTERN RAILRD	22.30	137.66	88.88	91.68	0.00	0.00	0.00	340.52
CHIG.MIL.ST.PAUL&PACIFIC RR	0.00	124.99	24.00	0.00	0.00	0.00	0.00	148.99
DELRAY CONNECTING RAILROAD	10.72	0.00	26.60	0.00	0.00	0.00	0.00	37.32
DETROIT & MACKINAC RAILWAY	230.48	0.00	26.60	0.00	0.00	0.00	0.00	257.08
DETROIT&TOLEDO S L RAILROAD	36.87	0.00	26.60	0.00	25.29	0.00	0.00	88.76
DETROIT TERMINAL RAILROAD	19.32	0.00	0.00	0.00	0.00	0.00	0.00	19.32
DET. TOL & IRONTON RAILROAD	60.39	9.10	26.60	8.19	28.30	0.00	5.30	137.88
ESCANABA & LAKE SUP RAILROAD	79.27	0.00	26.60	0.00	0.00	0.00	0.00	105.87
GRAND TRUNK WESTERN RAILROAD	32.39	295.65	186.40	48.99	143.61	139.19	0.00	846.23
LAKE SUP & ISPEMING RAILROAD	25.16	110.00	26.60	0.00	0.00	0.00	0.00	161.76
LUDINGTON & NORTHERN RAILWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MANISTIQUE & LAKE SUP RAILROAD	10.72	0.00	26.60	0.00	0.00	0.00	0.00	37.32
MARQUETTE & HURON MT. RAILROAD	0.00	25.17	0.00	0.00	0.00	0.00	0.00	25.17
NORFOLK AND WESTERN RAILWAY	19.08	0.00	0.00	5.40	59.17	0.00	0.00	83.65
PENN CENTRAL RAILROAD	263.07	635.72	587.09	41.93	297.22	0.00	4.61	1829.64
PORT HURON & DET RAILROAD	15.95	0.00	0.00	6.00	0.00	0.00	0.00	21.95
SOO LINE RAILROAD	17.89	406.41	163.88	0.00	0.00	0.00	0.00	588.18
WYANDOTTE SOUTHERN RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYANDOTTE TERMINAL RAILROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OUTSTATE LINKS	9361.36	5.50	0.00	0.00	0.00	0.00	0.00	9366.86
TOTAL	10412.90	1912.87	1971.12	271.98	792.24	378.23	9.91	15749.25

MILLION GROSS TONS

0	-	NO DATA RECORDED
1	-	0 - 0
2	-	1 - 4.9
3	-	5 - 9.9
4	-	10 - 19.9
5	-	20 - 29.9
6	-	30 - 39.9