

METHOD OF TRAIN OPERATION JANUARY 1, 1982

Railroad	Traffic Control		Automatic Block		Nonautomatic Block		Total Block Signals		Timetable Train Orders		Track Miles Operated Total
	Road Miles	Track Miles	Road Miles	Track Miles	Road Miles	Track Miles	Road Miles	Track Miles	Road Miles	Track Miles	
Akron, Canton & Youngstown	-	-	-	-	-	-	-	-	162	162	162
Alton & Southern	-	-	1	1	22	32	23	33	-	-	33
Angelina & Noches River	-	-	-	-	-	-	-	-	12	12	12
Ann Arbor	15	15	4	8	-	-	19	23	278	278	301
Apalachicola Northern	-	-	-	-	-	-	-	-	96	96	96
Arkansas & Memphis Ry Bridge & Terminal	3	6	-	-	-	-	3	6	-	-	6
Aroostook Valley Railroad	-	-	-	-	-	-	-	-	-	9	9
Atchison, Topeka and Santa Fe	3368	4290	2047	2747	-	-	5415	7037	6191	6191	13228
Atlanta & Saint Andrews Bay	-	-	-	-	-	-	-	-	88	88	88
Atlanta & West Point	-	-	81	92	-	-	81	92	-	-	92
Baltimore and Ohio	1116	1443	1325	1850	538	549	2979	3842	2091	2192	6034
Baltimore and Ohio Chicago Terminal	1	1	37	75	-	-	38	76	31	42	118
Bangor & Aroostook	19	21	22	22	-	-	41	43	457	461	504
Belfast & Moosehead Lake Railroad	-	-	-	-	-	-	-	-	33	33	33
Belt Ry. Co. of Chicago	-	-	16	28	11	25	27	53	-	-	53
Bessemer & Lake Erie	133	177	-	-	-	-	133	177	54	54	231
Birmingham Southern	-	-	-	-	42	48	42	48	-	-	48
Boston & Maine	398	476	213	358	-	-	611	834	554	552	1386
Burlington Northern	6516	7195	3864	4899	-	-	10380	12094	14874	14958	27052
Butte, Anaconda & Pacific	-	-	9	9	-	-	9	9	25	25	34
Camas Prairie	-	-	-	-	-	-	-	-	256	312	312
Canadian National	1	2	-	-	-	-	1	2	-	-	2
Canadian Pacific	2	2	256	256	56	56	314	314	312	312	626
Central of Vermont	-	-	21	21	-	-	21	21	303	303	324
Chesapeake and Ohio	1762	2261	425	537	777	777	2964	3575	884	872	4447
Chicago & Illinois Midland	-	-	-	-	-	-	-	-	96	96	96
Chicago, Milwaukee, St. Paul and Pacific	693	820	811	1191	-	-	1504	2011	1602	1602	3613
Chicago & North Western (included former RI trackage, Polo, MO to Comus, MN)	404	496	1516	1791	-	-	1920	2287	4613	4927	7214
Chicago, South Shore and South Bend	-	-	70	84	-	-	70	84	1	1	85

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Railroad	Traffic Control		Automatic Block		Nonautomatic Block		Total Block Signals		Timetable Train Orders		Track Miles Operated Total
	Road Miles	Track Miles	Road Miles	Track Miles	Road Miles	Track Miles	Road Miles	Track Miles	Road Miles	Track Miles	
Chicago Union Station	13	13	1	1	14	14	28	28	-	-	28
Chicago & Western Indiana	9	22	15	30	14	26	38	78	-	-	78
Clinchfield	271	271	-	-	-	-	271	271	48	48	319
Conemaugh & Blacklick	-	-	-	-	1	1	1	1	-	-	1
Consolidated Rail	4245	6461	3043	6160	6706	7116	13994	19737	-	-	19737
Colorado & Southern	5	5	40	40	-	-	45	45	426	478	523
Columbia Newberry & Lawrens	-	-	-	-	-	-	-	-	75	75	75
Delaware & Hudson	344	420	38	41	-	-	382	461	262	323	784
Delray Connecting	-	-	-	-	1	1	1	1	-	-	1
Denver & Rio Grand Western	904	966	76	76	-	-	980	1042	480	480	1522
Denver Union Terminal	6	6	-	-	-	-	6	6	-	-	6
Detroit & Mackinac	-	-	-	-	-	-	-	-	380	380	380
Detroit, Toledo & Ironton	28	28	-	-	2	2	30	30	302	311	341
Detroit, Toledo Shore Line	40	40	3	3	7	7	50	50	-	-	50
Duluth, Missabe & Iron Range	72	88	48	57	20	20	140	165	189	189	354
Duluth, Winnipeg & Pacific	9	9	2	2	1	1	12	12	153	201	213
Elgin, Joliet & Eastern	12	15	134	191	-	-	146	206	101	101	307
Florida East Coast	316	476	8	16	-	-	324	492	146	146	638
Fort Worth & Denver	122	123	319	323	-	-	441	446	518	519	965
Gainsville Midland	-	-	-	-	-	-	-	-	40	40	40
Galveston Houston & Henderson	-	-	10	10	-	-	10	10	40	40	50
Georgia	-	-	160	163	-	-	160	163	146	151	314
Grand Trunk Western	173	187	264	520	7	7	444	714	518	522	1236
Great Western	-	-	-	-	-	-	-	-	52	71	71
Green Bay Western	-	-	2	2	-	-	2	2	262	262	264
Greenwich & Johnsonville Ry	-	-	-	-	-	-	-	-	7	7	7
Houston Belt Terminal	9	12	18	23	21	21	48	56	-	-	56
Illinois Central Gulf	865	961	1842	2581	9	9	2716	3551	5233	5256	8807
Indiana Harbor Belt	22	35	17	33	-	-	39	68	-	-	68
Kansas City Southern	618	622	6	6	-	-	624	628	157	157	785
Kansas City Terminal	-	-	7	20	-	-	7	20	-	-	20
Kentucky & Indiana Terminal	-	-	-	-	13	21	13	21	-	-	21
Lake Erie & Eastern	-	-	8	17	-	-	8	17	-	-	17
Lake Superior & Ishpeming	14	14	-	-	49	49	63	63	-	-	63
Long Island	77	135	95	204	143	143	315	482	-	-	482

METHOD OF TRAIN OPERATION JANUARY 1, 1982

Railroad	Traffic Control		Automatic Block		Nonautomatic Block		Total Block Signals		Timetable Train Orders		Track Miles Operated Total
	Road Miles	Track Miles	Road Miles	Track Miles	Road Miles	Track Miles	Road Miles	Track Miles	Road Miles	Track Miles	
Los Angeles Junction	-	-	1	1	-	-	1	1	-	-	1
Louisiana Arkansas	-	-	73	73	-	-	73	73	602	602	675
Louisville & Nashville	2572	2738	667	824	813	813	4062	4375	2064	2097	6472
Louisiana & North West	-	-	-	-	-	-	-	-	62	62	62
Maine Central	70	82	92	92	-	-	162	174	577	577	751
McCloud River RR	-	-	-	-	-	-	-	-	135	146	146
Meridan & Bigbee	-	-	-	-	-	-	-	-	50	55	55
Middletown & New Jersey	-	-	-	-	-	-	-	-	15	15	15
Minneapolis Northfield & Southern	-	-	-	-	-	-	-	-	77	77	77
Mississippi Export	-	-	-	-	-	-	-	-	38	38	38
Missouri-Kansas-Texas	46	46	713	713	-	-	759	759	982	982	1741
Missouri Pacific	2846	3250	2252	2328	-	-	5098	5578	5189	5194	10772
Monongahela	-	-	-	-	-	-	-	-	136	145	145
Montour	-	-	-	-	-	-	-	-	33	33	33
Municipal Bridge Ry-St. Louis	3	3	3	7	1	1	6	11	-	-	11
National Railroad Passenger Corporation	350	526	496	1178	1	3	847	1707	-	-	1707
Newburgh & South Shore	-	-	-	-	-	-	-	-	5	7	7
New Orleans Public Belt	-	-	14	28	10	21	25	49	-	-	49
Norfolk, Franklin & Danville	-	-	-	-	-	-	-	-	202	202	202
North East Illinois Regional Commuter RR Corp.	21	41	20	49	-	-	41	90	-	-	90
Norfolk and Western	3479	4091	986	1558	1787	1795	6252	7444	956	962	8406
North Western Pacific	-	-	-	-	-	-	-	-	273	273	273
Paducah & Illinois	15	15	-	-	-	-	15	15	-	-	15
Peoria & Pekin Union	8	14	8	15	2	2	18	31	-	-	31
Pittsburgh Chartiers Youghieny	-	-	-	-	-	-	-	-	13	14	14
Pittsburgh & Lake Erie	139	216	15	28	-	-	154	244	-	-	244
Pittsburgh & Shaumut	-	-	-	-	-	-	-	-	88	88	88
Port Authority Trans Hudson	-	-	15	30	-	-	15	30	-	-	30
Portland Terminal (Maine)	8	11	7	9	-	-	15	20	1	2	22
Portland Terminal (Oregon)	-	-	1	1	-	-	1	1	-	-	1
Port Terminal (Houston)	8	9	-	-	-	-	8	9	-	-	9
Prairie Central Ry	-	-	-	-	-	-	-	-	66	66	66
Prairie Trunk Ry	-	-	-	-	-	-	-	-	73	73	73

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Railroad	Traffic Control		Automatic Block		Nonautomatic Block		Total Block Signals		Timetable Train Orders		Track Miles Operated Total
	Road Miles	Track Miles	Road Miles	Track Miles	Road Miles	Track Miles	Road Miles	Track Miles	Road Miles	Track Miles	
Richmond, Frederickburg & Potomac	109	227	-	-	-	-	109	227	-	-	227
Sacramento Northern	-	-	1	1	-	-	1	1	111	111	112
San Diego & Arizona Eastern	-	-	14	18	-	-	14	18	93	93	111
Seaboard Coast Line	3214	3749	105	196	759	759	4078	4704	4489	4489	9193
Soo	370	370	1	1	-	-	371	371	4198	4226	4597
Southern	1784	2364	2292	2412	-	-	4076	4776	6450	6450	11226
Southern Illinois & Missouri Bridge	5	9	-	-	-	-	5	9	-	-	9
Southern Pacific	3086	3199	3108	3722	-	-	6194	6921	3488	3488	10409
Spokane International	-	-	-	-	-	-	-	-	148	148	148
Staten Island Rapid Transit	-	-	29	29	-	-	29	29	-	-	29
St. Louis Merchants Bridge & Terminal	2	4	7	15	-	-	9	19	-	-	19
St. Louis South Western	628	643	546	546	81	81	1255	1270	410	410	1680
Terminal RR Association of St. Louis	1	1	11	22	30	40	42	63	-	-	63
Toledo, Peoria & Western	-	-	-	-	-	-	-	-	286	288	288
Toledo Terminal	5	8	10	19	-	-	15	27	15	15	42
Tuscon, Cornelia & Gila Bend	-	-	-	-	-	-	-	-	43	43	43
Union	-	-	15	30	-	-	15	30	-	-	30
Union Pacific	2586	3329	1589	2084	-	-	4175	5413	4162	4162	9575
Utah	21	21	5	5	-	-	26	26	-	-	26
Walla Walla Valley	-	-	-	-	-	-	-	-	19	19	19
Washington Terminal	2	13	-	-	-	-	2	13	-	-	13
Western Maryland	34	36	105	155	-	-	139	191	377	382	573
Western Pacific	796	796	178	178	-	-	974	974	103	103	1077
Western Ry of Alabama	-	-	86	86	45	45	131	131	-	-	131
Wilkes-Barre Connecting	8	9	-	-	-	-	8	9	-	-	9
Winston Salem Southland	-	-	-	-	-	-	-	-	88	88	88
Youngstown & Southern	-	-	-	-	-	-	-	-	49	49	49
Totals	44,821	53,934	30,349	40,941	11,992	12,494	87,162	107,369	78,714	79,600	186,969

Numbers & Kinds of Interlockings in Service
January 1, 1982

Railroads						Remote Controlled		Traffic Control Points		
	Auto	Elec	Elec Pneu	Elec Mech	Mech	Elec	Elec Pneu	Total	Elec	Elec Pneu
Alton & Southern	4	-	-	-	-	-	-	4	-	-
Ann Arbor	1	1	-	-	-	1	-	3	1	-
Arkansas & Memphis Ry. Bridge Terminal	-	-	-	-	-	2	-	2	2	-
Atchison, Topeka and Santa Fe	27	10	-	-	1	21	-	59	913	-
Baltimore & Ohio	14	51	5	8	23	58	-	159	180	-
Baltimore & Ohio Chicago Terminal	7	6	1	1	3	1	-	19	0	-
Belt Ry of Chicago	-	1	1	-	-	3	1	6	-	-
Bessemer & Lake Erie	-	-	-	-	-	-	-	-	6	23
Birmingham Southern	1	-	-	-	-	-	-	1	-	-
Boston & Maine	3	5	3	6	-	8	-	25	94	1
Burlington Northern	98	30	-	1	11	51	-	191	1574	-
Canadian National	-	2	-	-	-	-	-	2	2	-
Canadian Pacific	-	3	-	-	-	-	-	3	-	-
Cantral of Vermont	-	-	-	-	-	3	-	3	-	-
Chesapeake & Ohio	5	21	9	1	2	31	4	73	553	6
Chicago & Illinois Midland	-	1	-	-	-	-	-	1	-	-
Chicago, Milwaukee St. Paul & Pacific	28	11	1	-	7	25	1	73	173	-
Chicago & North Western (included former RI trackage Polo, Mo to Comus, Minn)	35	28	-	-	5	34	-	102	39	-
Chicago Union Station	-	-	2	-	-	-	-	2	-	-
Chicago & Western Indiana	-	1	2	-	2	4	1	10	-	-
Clinchfield	-	-	-	-	-	-	-	-	62	-
Conemaugh & Blacklick	-	-	-	-	-	1	-	1	-	-
Consolidated Rail Corporation	44	99	76	64	31	254	37	605	641	44
Colorado Southern	1	1	-	-	-	1	-	3	6	-

Numbers & Kinds of Interlockings in Service
January 1, 1982

Railroads						Remote Controlled		Traffic Control Points		Elec Pneu
	Auto	Elec	Elec Pneu	Elec Mech	Mech	Elec	Elec Pneu	Total	Elec	
Dade County Florida	-	1	-	-	-	-	-	1	-	-
Delaware & Hudson	-	-	-	-	-	8	-	8	65	-
Denver & Rio Grande Western	3	1	-	-	-	7	-	11	294	-
Denver Union Terminal	-	-	-	-	-	2	-	2	1	-
Detroit Toledo & Ironton	3	1	-	-	-	2	-	6	8	-
Detroit Toledo Shore Line	-	-	-	-	-	-	-	-	12	-
Duluth, Missabe & Iron Range	1	-	-	-	-	4	-	5	-	-
Duluth, Winnipeg & Pacific	1	-	-	1	-	-	-	2	-	-
Elgin, Joliet & Eastern	-	7	-	4	5	2	-	18	11	-
Florida East Coast	-	-	-	-	-	6	-	6	53	-
Fort Worth & Denver	3	-	-	-	-	1	-	4	23	-
Grand Trunk Western	6	-	-	-	5	12	-	23	46	-
Green Bay & Western	-	2	-	1	-	-	-	3	-	-
Houston Belt Terminal	-	-	-	-	-	12	-	12	2	-
Illinois Central Gulf	44	15	-	13	7	27	-	106	169	-
Indiana Harbor Belt	1	3	-	-	3	9	-	16	-	-
Kansas City Southern	6	3	-	-	-	-	-	9	112	-
Kansas City Terminal	-	-	-	-	-	-	12	12	-	-
Kentucky & Indiana Terminal	-	1	-	-	-	6	-	7	-	-
Lake Superior & Ispeming	2	1	-	-	-	-	-	2	-	-
Long Island	-	6	12	-	1	6	1	26	10	-
Los Angeles Union Passenger Terminal	-	-	1	-	-	-	-	1	-	-
Louisiana & Arkansas	2	-	-	-	-	1	-	3	-	-
Louisville & Nashville	33	25	2	4	-	55	2	121	542	-

Numbers & Kinds of Interlockings in Service
January 1, 1982

Railroads						Remote Controlled		Total	Traffic Control Points	
	Auto	Elec	Elec Pneu	Elec Mech	Mech	Elec	Elec Pneu		Elec	Elec Pneu
Maine Central	1	3	-	-	-	2	-	6	23	-
Meridan & Bigbee	-	1	-	-	-	-	-	1	-	-
Missouri-Kansas-Texas	21	1	-	2	-	4	-	28	14	-
Missouri Pacific	51	14	2	-	9	18	-	94	602	-
Municipal Bridge Ry-St. Louis	-	1	-	-	-	2	-	3	-	-
National Railroad Passenger Corporation	-	21	49	6	-	40	21	137	-	-
Newburg & South Shore	-	1	-	-	-	-	-	1	-	-
New Orleans Public Belt	2	-	-	-	-	-	-	2	-	-
Norfolk & Portsmouth Belt Line	-	1	-	-	-	-	-	1	-	-
North East Illinois Regional Commuter RR Corp	-	2	-	6	-	1	-	9	6	-
Norfolk & Western	44	21	7	1	6	39	9	127	702	218
North Western Pacific	-	-	-	-	2	-	-	2	-	-
Pudacah & Illinois	-	-	-	-	-	-	-	-	7	-
Peoria Pekin Union	-	2	-	-	-	2	-	4	5	-
Pittsburgh & Lake Erie	-	-	-	-	-	33	-	33	6	1
Port Authority Trans Hudson	4	-	2	-	-	2	3	11	-	-
Portland Terminal (Maine)	-	1	-	-	-	6	-	7	3	-
Portland Terminal (Oregon)	-	1	-	-	-	-	-	1	-	-
Port Terminal (Houston)	-	-	-	-	-	-	-	-	-	7
Prairie Trunk Ry	3	-	-	-	-	-	-	3	-	-
Richmond Fredericksburg & Potomac	-	-	-	-	-	-	-	-	2	18
River Terminal	-	1	-	-	-	-	-	1	-	-
San Diego & Arizona Eastern Trans. Co.	9	-	-	-	-	-	-	9	-	-
Seaboard Coast Line	43	4	5	-	19	14	3	88	831	25
Soo	16	2	-	-	1	9	-	28	74	-
Southern	29	20	-	1	1	29	-	80	440	-

Numbers & Kinds of Interlockings in Service
January 1, 1982

Railroads						Remote Controlled		Traffic Control Points		
	Auto	Elec	Elec Pneu	Elec Mech	Mech	Elec	Elec Pneu	Total	Elec	Elec Pneu
Southern Illinois & Missouri Bridge	-	-	-	-	-	1	-	1	-	-
Southern Pacific	26	29	7	2	24	27	-	115	875	-
Staten Island RR	-	1	-	-	-	-	-	1	-	-
Staten Island Rapid Transit	-	-	-	-	-	2	-	2	-	-
St. Louis Merchants Bridge Terminal	-	1	1	-	-	-	-	2	5	-
St. Louis-South Western	16	3	-	-	3	1	-	23	137	-
Terminal RR Association of St. Louis	-	2	1	-	-	1	1	5	-	-
Toledo, Peoria & Western	4	-	-	-	1	-	-	5	-	-
Toledo Terminal	-	1	-	-	-	3	-	4	4	-
Union	-	-	-	-	-	2	5	7	-	-
Union Pacific	22	14	1	-	1	35	-	73	708	-
Washington Terminal	-	-	2	-	-	-	2	4	-	-
Western Maryland	1	-	2	1	-	3	-	7	10	1
Western Pacific	1	1	-	-	-	2	-	4	214	-
Totals	666	486	194	123	173	939	102	2,683	10,265	344

AUTOMATIC TRAIN STOP, TRAIN CONTROL & CAB SIGNAL SYSTEMS IN SERVICE

JANUARY 1, 1982

Railroad	Train Stop			CAB Signals			Train Stop & CAB Signals			Train Control & CAB Signals			Train Stop & Train Control CAB Signals		
	Road Miles	Track Miles	Loc	Road Miles	Track Miles	Loc	Road Miles	Track Miles	Loc	Road Miles	Track Miles	Loc	Road Miles	Track Miles	Loc
Atchison, Topeka & Santa Fe	1700	2134	31(1)	-	-	-	-	-	-	-	-	-	-	-	-
Boston & Maine	-	-	-	-	-	-	-	-	-	36	72	46(2)	-	-	-
Burlington Northern, Inc.	-	-	-	36	108	51(3)	-	-	-	-	-	-	-	-	-
Chicago North Western	140	306	14(4)	-	-	-	-	-	-	478	934	173	-	-	282(5)
Consolidated Rail Corporation	-	-	-	1016	2171	2287(6)	-	-	492(7)	-	-	358(8)	-	-	22(9)
Delaware & Hudson	-	-	-	-	-	9	-	-	-	-	-	-	-	-	-
Illinois Central Gulf	-	-	-	-	-	-	217	339	387	-	-	-	-	-	-
Long Island	-	-	-	-	-	-	-	-	-	113	230	852(10)	-	-	-
North East Illinois Region Commuter RR Corp-	-	-	-	25	50	-	-	-	-	-	-	17	-	-	-
National Railroad Passenger Corporation	-	-	19	480	1371	37(11)	-	-	7(12)	-	-	35(13)	-	-	273
Port Authority Trans Hudson	15	30	298(14)	-	-	-	-	-	-	-	-	-	-	-	-
Richmond, Fredericksburg & Potomac	-	-	-	-	-	-	-	-	-	109	222	30	-	-	-
Union Pacific	-	-	-	1070	2172	162	-	-	1228	-	-	-	-	-	-
Totals	1855	2470	362	2627	5872	2546	217	339	2114	736	1458	1511			577

- 1 - includes 26 ATK locomotives
- 2 - includes 8 motor cars
- 3 - includes 26 suburban cars
- 4 - include 4 loco owned by RTA
- 5 - includes 68 RTA loco & 66 RTA motorcars
- 6 - includes 10 motor cars
- 7 - includes 486 motor cars
- 8 - includes 244 motor cars
- 9 - includes 10 motor cars

- 10 - includes 772 motor cars
- 11 - includes 5 motor cars
- 12 - motor cars only
- 13 - motor cars only
- 14 - motor cars only

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	Road Miles	Track Miles	Road Miles	Track Miles	Road Miles	Track Miles	Road Miles	Track Miles	Road Miles	Track Miles	
Alton & Southern	-	-	-	-	22	32	22	32	-	-	32
Angelina & Naches River	-	-	-	-	-	-	-	-	12	12	12
Ann Arbor	15	15	4	4	-	-	19	19	27	27	46
Apalachicola Northern	-	-	-	-	-	-	-	-	96	96	96
Arkansas & Memphis Ry Bridge & Terminal	3	6	-	-	-	-	3	6	-	-	6
Aroostook Valley Railroad	-	-	-	-	-	-	-	-	9	9	9
Atchison, Topeka and Santa Fe	3,396	4,345	2,020	2,691	-	-	5,416	7,036	6,109	6,109	13,145
Atlanta & Saint Andrews Bay	-	-	-	-	-	-	-	-	88	88	88
Baltimore and Ohio	1,239	1,566	1,225	1,739	595	606	3,050	3,911	1,903	1,941	5,852
Baltimore and Ohio Chicago Terminal	1	1	38	76	-	-	39	77	31	42	119
Bangor & Aroostook	-	-	16	16	-	-	16	16	463	463	479
Belfast & Moosehead Lake Railroad	-	-	-	-	-	-	-	-	33	33	33
Belt Ry. Co. of Chicago	-	-	16	28	11	25	27	53	-	-	53
Bessemer & Lake Erie	133	177	-	-	-	-	133	177	54	54	231
Birmingham Southern	-	-	-	-	42	48	42	48	-	-	48
Boston & Maine	410	492	203	337	-	-	613	829	706	724	1,553
Burlington Northern	6,800	7,542	3,908	4,853	-	-	10,708	12,395	15,519	15,656	28,051
Butte, Anaconda & Pacific	-	-	9	9	-	-	9	9	25	25	34
California Western	-	-	-	-	-	-	-	-	40	40	40
Camas Prairie	-	-	-	-	-	-	-	-	257	257	257
Canadian National	44	44	-	-	-	-	44	44	-	-	44
Canadian Pacific	2	2	256	256	56	56	314	314	312	312	626
Central of Vermont	-	-	21	21	-	-	21	21	303	303	324
Chesapeake and Ohio	1,775	2,289	408	503	720	720	2,903	3,512	808	808	4,320
Chicago & Illinois Midland	-	-	-	-	-	-	-	-	96	96	96
Chicago, Milwaukee, St. Paul and Pacific	421	591	531	906	-	-	952	1,497	1,412	1,412	2,909
Chicago & North Western (included former RI trackage, Polo, MO to Comus, MN)	466	476	1,794	2,428	-	-	2,260	2,904	5,057	5,089	7,993
Chicago, South Shore and South Bend	-	-	70	84	-	-	70	84	1	1	85

METHOD OF TRAIN OPERATION JANUARY 1, 1983

Railroad	Traffic Control		Automatic Block		Nonautomatic Block		Total Block Signals		Timetable Train Orders		Track Miles Operated Total
	Road Miles	Track Miles	Road Miles	Track Miles	Road Miles	Track Miles	Road Miles	Track Miles	Road Miles	Track Miles	
Chicago Union Station	2	13	-	1	-	-	2	14	14	-	14
Chicago & Western Indiana	9	22	15	30	14	26	38	78	-	-	78
Conemaugh & Blacklick	-	-	-	-	1	1	1	1	-	-	1
Consolidated Rail	3,922	6,043	2,814	5,523	4,951	5,276	11,687	16,842	-	-	16,842
Delaware & Hudson	341	413	42	44	-	-	383	457	244	294	751
Delray Connecting	-	-	-	-	1	1	1	1	-	-	1
Denver & Rio Grand Western	904	966	76	76	-	-	980	1,042	480	480	1,522
Denver Union Terminal	6	6	-	-	-	-	6	6	-	-	6
Detroit & Mackinac	-	-	-	-	-	-	-	-	397	397	397
Detroit, Toledo & Ironton	28	28	-	-	2	2	30	30	241	249	279
Duluth, Missabe & Iron Range	72	88	48	57	20	20	140	165	165	165	330
Duluth, Winnipeg & Pacific	9	9	2	2	1	1	12	12	153	201	213
Elgin, Joliet & Eastern	12	15	134	191	-	-	146	206	101	101	307
Florida East Coast	316	476	10	18	-	-	326	494	146	146	640
Fort Worth & Denver	122	123	359	363	-	-	481	486	703	704	1,190
Galveston Houston & Henderson	-	-	-	-	-	-	-	-	40	40	40
Grand Trunk Western	173	187	264	520	7	7	444	714	518	522	1,236
Great Western	-	-	-	-	-	-	-	-	52	71	71
Green Bay Western	-	-	-	-	-	-	-	-	262	262	262
Houston Belt Terminal	9	12	16	20	13	13	38	45	-	-	45
Illinois Central Gulf	863	959	1,828	2,565	9	9	2,700	3,533	4,462	4,984	8,517
Indiana Harbor Belt	22	35	17	33	-	-	39	68	-	-	68
Kansas City Southern	709	713	6	6	-	-	715	719	66	66	785
Kansas City Terminal	-	-	7	20	-	-	7	20	-	-	20
Lake Superior & Ishpeming	14	14	-	-	-	-	14	14	33	33	47
Long Island	83	147	89	192	143	143	315	482	-	-	482

Railroad	Traffic Control		Automatic Block		Nonautomatic Block		Total Block Signals		Timetable Train Orders		Track Miles Operated Total
	Road Miles	Track Miles	Road Miles	Track Miles	Road Miles	Track Miles	Road Miles	Track Miles	Road Miles	Track Miles	
Los Angeles Junction	-	-	1	1	-	-	1	1	-	-	1
Louisiana Arkansas	-	-	73	73	-	-	73	73	602	602	675
Louisville & Nashville	-	-	-	-	-	-	-	-	62	62	62
Louisiana & North West	-	-	-	-	-	-	-	-	62	62	62
Maine Central	70	82	92	92	-	-	162	174	561	561	735
McCloud River RR	-	-	-	-	-	-	-	-	135	146	146
Meridan & Bigbee	-	-	-	-	-	-	-	-	50	55	55
Middletown & New Jersey	-	-	-	-	-	-	-	-	15	15	15
Minneapolis Northfield & Southern	-	-	-	-	-	-	-	-	60	62	62
Mississippi Export	-	-	-	-	-	-	-	-	136	145	145
Missouri-Kansas-Texas	46	46	713	713	982	982	1,741	1,741	1,695	1,695	3,436
Missouri Pacific	3,232	3,653	2,135	2,211	-	-	5,367	5,864	4,877	4,891	10,755
Missouri Pacific (Former Rock Island)	-	-	-	-	-	-	-	-	44	44	44
Monongahela	-	-	-	-	-	-	-	-	136	145	145
Montour	-	-	-	-	-	-	-	-	33	33	33
Municipal Bridge Ry-St. Louis	3	3	4	7	-	-	7	10	-	-	10
National Railroad Passenger Corporation	358	517	519	1,177	1	3	878	1,697	-	-	1,697
Newburgh & South Shore	-	-	-	-	-	-	-	-	5	7	7
New Jersey Transit Rail Operations	97	144	204	364	18	18	319	526	-	-	526
New Orleans Public Belt	-	-	14	28	10	21	24	49	-	-	49
Norfolk, Franklin & Danville	-	-	-	-	-	-	-	-	202	202	202
North East Illinois Regional Commuter RR Corp. ²¹	-	41	20	49	-	-	41	90	5	10	100
Norfolk and Western	3,487	4,099	957	1,608	1,666	1,695	6,110	7,402	956	962	8,364
North Western Pacific	-	-	-	-	-	-	-	-	273	273	273
Oklahoma-Kansas-Texas	32	32	-	-	-	-	32	32	585	585	617
Paducah & Illinois	15	15	-	-	-	-	15	15	-	-	15
Peoria & Pekin Union	8	14	8	15	2	2	18	31	-	-	31
Pittsburgh Chartiers Youghieny	-	-	-	-	-	-	-	-	13	14	14
Pittsburgh & Lake Erie	139	216	15	28	-	-	154	244	-	-	244
Pittsburgh & Shaumut	-	-	-	-	-	-	-	-	88	88	88
Port Authority Trans Hudson	-	-	15	30	-	-	15	30	-	-	30
Portland Terminal (Maine)	8	11	7	9	-	-	15	20	1	2	22
Portland Terminal (Oregon)	-	-	1	1	-	-	1	1	-	-	1
Port Terminal (Houston)	8	9	-	-	-	-	8	9	-	-	9
Prairie Central Ry	-	-	-	-	144	144	144	144	-	-	144
Prairie Trunk Ry	-	-	-	-	73	73	73	73	-	-	73

METHOD OF TRAIN OPERATION JANUARY 1, 1983

Railroad	Traffic Control		Automatic Block		Nonautomatic Block		Total Block Signals		Timetable Train Orders		Track Miles Operated Total
	Road Miles	Track Miles	Road Miles	Track Miles	Road Miles	Track Miles	Road Miles	Track Miles	Road Miles	Track Miles	
Richmond, Frederickburg & Potomac	109	227	-	-	-	-	109	227	-	-	227
Sacramento Northern	-	-	1	1	-	-	1	1	111	111	112
San Diego & Arizona Eastern	-	-	14	18	87	89	101	107	6	6	113
Seaboard System Railroad	6,055	6,722	1,109	1,361	2,340	2,340	9,504	10,473	6,055	6,093	16,566
Soo	374	377	1	1	-	-	375	378	4,160	4,185	4,563
Southern	1,893	2,610	2,091	2,200	13	21	3,997	4,831	6,344	6,344	11,175
Southern Illinois & Missouri Bridge	5	9	-	-	-	-	5	9	-	-	9
Southern Pacific	3,087	3,200	3,107	3,721	-	-	6,194	6,921	3,437	3,437	10,358
Spokane International	-	-	-	-	-	-	-	-	148	148	148
Staten Island Rapid Transit	-	-	29	29	-	-	29	29	-	-	29
St. Louis Merchants Bridge & Terminal	5	10	5	9	-	-	10	19	-	-	19
St. Louis South Western	699	714	475	475	-	-	1,174	1,189	465	465	1,654
Terminal RR Association of St. Louis	1	1	11	21	31	40	43	62	-	-	62
Toledo, Peoria & Western	-	-	-	-	286	288	286	288	-	-	288
Toledo Terminal	5	8	10	19	-	-	15	27	15	15	42
Tuscola and Saginaw Bay	-	-	-	-	-	-	-	-	146	146	146
Tuscon, Cornelia & Gila Bend	-	-	-	-	-	-	-	-	43	43	43
Union	-	-	15	30	-	-	15	30	-	-	30
Union Pacific	2,642	3,392	1,533	2,021	-	-	4,175	5,413	4,266	4,266	9,679
Utah	21	21	5	5	-	-	26	26	-	-	26
Visalia Electric	-	-	-	-	18	18	18	18	-	-	18
Washington Terminal	2	13	-	-	-	-	2	13	-	-	13
Western Maryland	34	36	102	155	-	-	136	191	369	374	565
Western Pacific	796	796	178	178	-	-	974	974	103	103	1,077
Winston Salem Southland	-	-	-	-	-	-	-	-	88	88	88
Youngstown & Southern	-	-	-	-	-	-	-	-	49	49	49
Totals	45,573	54,883	29,710	40,262	12,279	12,720	87,562	107,865	77,763	78,784	186,649

AUTOMATIC TRAIN STOP, TRAIN CONTROL & CAB SIGNAL SYSTEMS IN SERVICE

JANUARY 1, 1983

Railroad	Train Stop			CAB Signals			Train Stop & CAB Signals			Train Control & CAB Signals			Train Stop & CAB Signals			
	Road Miles	Track Miles	Loc	Road Miles	Track Miles	Loc	Road Miles	Track Miles	Loc	Road Miles	Track Miles	Loc	Road Miles	Track Miles	Loc	
Atchison, Topeka & Santa Fe	1,728	2,162	35(1)	-	-	-	-	-	-	-	-	-	-	-	-	
Boston & Maine	-	-	-	-	-	-	-	-	-	36	72	46(2)	-	-	-	
Burlington Northern, Inc.	-	-	-	36	108	25	-	-	-	-	-	-	-	-	-	
Chicago North Western	140	306	14(3)	-	-	-	-	-	-	478	934	171	-	-	315(4)	
Consolidated Rail Corporation	-	-	-	1,020	2,114	2,267	-	-	-	-	-	70	-	-	5	
Delaware & Hudson	-	-	-	-	-	9	-	-	-	-	-	-	-	-	-	
Illinois Central Gulf	-	-	-	-	-	-	217	339	380	-	-	-	-	-	-	
Long Island	-	-	-	-	-	-	-	-	-	119	242	848(5)	-	-	-	
National Railroad Passenger Corpor	-	-	21	477	1,278	35(6)	-	-	-	-	-	-	-	-	-	
New Jersey Transit Rail Operatio	-	-	-	44	92	-	-	-	348(8)	-	-	-	-	-	296(7)	
Northeast Illinois Railroad Corp.	-	-	-	25	50	-	-	-	-	-	-	77	-	-	-	
Port Authority Trans Hudson	15	30	289(9)	-	-	-	-	-	-	-	-	-	-	-	-	
Richmond, Fredericksburg & Potomac	-	-	-	-	-	-	-	-	-	109	222	30	-	-	-	
Union Pacific	-	-	-	1,207	2,164	136	-	-	1,254	-	-	-	-	-	-	
Totals	-	1,883	2,498	368	2,809	5,806	2,472	217	339	1,982	742	1,470	1,259	-	-	616

- (1) Includes 27 Amtrak Locomotives
- (2) Includes 8 Motor Cars
- (3) Includes 4 RTA Locomotives
- (4) Includes 62 RTA Locomotives and 66 RTA Passenger Cars with Controls
- (5) Includes 764 Motor Cars
- (6) Includes 6 Motor Cars
- (7) Includes 35 Motor Cars
- (8) Motor Cars Only
- (9) Motor Cars Only

**Numbers & Kinds of Interlockings in Service
January 1, 1983**

Railroads						Remote Controlled		Traffic Control Points		
	Auto	Elec	Elec Pneu	Elec Mech	Mech	Elec	Elec Pneu	Total	Elec	Elec Pneu
Alton & Southern	4	-	-	-	-	-	-	4	-	-
Ann Arbor	1	1	-	-	-	1	-	3	1	-
Arkansas & Memphis Ry. Bridge Terminal	-	-	-	-	-	2	-	2	2	-
Atchison, Topeka and Santa Fe	27	10	-	-	1	21	-	59	919	-
Baltimore & Ohio	18	50	4	7	22	58	-	159	192	-
Baltimore & Ohio Chicago Terminal	7	6	1	1	2	1	-	18	-	-
Belt Ry of Chicago	-	1	1	-	-	3	1	6	-	-
Bessemer & Lake Erie	-	-	-	-	-	-	-	-	6	23
Boston & Maine	3	5	3	5	-	10	-	26	98	-
Burlington Northern	99	31	-	1	11	52	-	194	1,600	-
Canadian National	-	-	-	-	-	-	-	-	12	-
Canadian Pacific	3	-	-	-	-	-	-	3	-	-
Central of Vermont	-	-	-	-	-	3	-	3	-	-
Chesapeake & Ohio	7	21	8	1	1	31	4	73	566	6
Chicago & Illinois Midland	1	-	-	-	-	-	-	1	-	-
Chicago, Milwaukee St. Paul & Pacific	25	10	1	-	7	26	1	70	104	-
Chicago & North Western (included former RI trackage Polo, Mo to Comus, Minn)	47	22	-	-	4	33	-	106	81	-
Chicago Union Station	-	-	2	-	-	-	-	2	-	-
Chicago & Western Indiana	-	1	2	-	2	4	1	10	-	-
Conemaugh & Blacklick	-	-	-	-	-	1	-	1	-	-
Consolidated Rail Corporation	33	62	59	50	16	183	34	437	671	41

Numbers & Kinds of Interlockings in Service
January 1, 1983

Railroads							Remote Controlled	Traffic Control Points		
	Auto	Elec	Elec Pneu	Elec Mech	Mech	Elec	Elec Pneu	Total	Elec	Elec Pneu
Dade County Florida	-	1	-	-	-	-	-	1	-	-
Delaware & Hudson	-	-	-	-	-	7	-	7	63	-
Denver & Rio Grande Western	3	1	-	-	-	7	-	11	292	-
Denver Union Terminal	-	-	-	-	-	2	-	2	1	-
Detroit Toledo & Ironton	3	1	-	-	-	2	-	6	8	-
Duluth, Missabe & Iron Range	1	-	-	-	-	4	-	5	45	-
Duluth, Winnipeg & Pacific	-	-	-	1	-	-	-	1	1	-
Elgin, Joliet & Eastern	-	7	-	4	5	2	-	18	8	-
Florida East Coast	-	-	-	-	-	6	-	6	53	-
Fort Worth & Denver	1	-	-	1	-	1	-	3	23	-
Grand Trunk Western	6	-	-	-	5	12	-	23	46	-
Green Bay & Western	1	-	-	1	-	-	-	2	-	-
Houston Belt Terminal	-	-	-	-	-	8	-	8	9	-
Illinois Central Gulf	41	14	-	13	8	29	-	105	169	-
Indiana Harbor Belt	1	3	-	-	3	9	-	16	-	-
Kansas City Southern	6	3	-	-	-	-	-	9	123	-
Kansas City Terminal	-	-	-	-	-	-	12	12	-	-
Lake Superior & Ispeming	2	-	-	-	-	-	-	2	-	-
Long Island	-	6	12	-	1	6	1	26	10	-
Los Angeles Union Passenger Terminal	-	-	1	-	-	-	-	1	-	-
Louisiana & Arkansas	2	-	-	-	-	1	-	3	-	-

**Numbers & Kinds of Interlockings in Service
January 1, 1983**

Railroads	Remote Controlled							Traffic Control Points		
	Auto	Elec	Elec Pneu	Elec Mech	Mech	Elec	Elec Pneu	Total	Elec	Elec Pneu
Maine Central	1	3	-	-	-	2	-	6	23	-
Meridan & Bigbee	-	1	-	-	-	-	-	1	-	-
Missouri-Kansas-Texas	21	1	-	2	-	4	-	28	14	-
Missouri Pacific	54	14	1	2	9	18	-	98	661	-
Municipal Bridge Ry-St. Louis	-	1	-	-	-	2	-	3	2	-
National Railroad Passenger Corporation	1	20	49	6	-	38	20	134	-	-
Norburg & South Shore	-	1	-	-	-	-	-	1	-	-
New Jersey Transit Rail Operations, Inc.	-	3	11	6	5	3	-	28	25	2
New Orleans Public Belt	2	-	-	-	-	-	-	2	-	-
Norfolk & Portsmouth Belt Line	-	1	-	-	-	-	-	1	-	-
Norfolk & Western	42	19	7	6	-	39	10	123	701	217
North East Illinois Regional Commuter RR	-	2	-	6	-	1	-	9	6	-
North Western Pacific	-	-	-	-	2	-	-	2	-	-
Oklahoma-Kansas-Texas	7	-	-	-	-	-	-	7	13	-
Pudacah & Illinois	-	-	-	-	-	-	-	-	7	-
Peoria Pekin Union	-	2	-	-	-	-	-	2	5	-
Pittsburgh & Lake Erie	-	-	-	-	-	33	-	33	6	1
Port Authority Trans Hudson	5	-	2	-	-	2	3	12	-	-
Portland Terminal (Maine)	-	1	-	-	-	6	-	7	3	-
Portland Terminal (Oregon)	-	1	-	-	-	-	-	1	-	-
Port Terminal (Houston)	-	-	-	-	-	-	-	-	-	7
Prairie Trunk Ry	2	-	-	-	-	-	-	2	-	-
Richmond Fredericksburg & Potomac	-	-	-	-	-	-	-	-	3	17
River Terminal	-	1	-	-	-	-	-	1	-	-
San Diego & Arizona Eastern Trans. Co.	9	-	-	-	-	-	-	9	-	-
Seaboard Coast Line	75	28	7	3	19	71	5	208	1,439	25
Soo	16	2	-	-	1	9	-	28	77	-
Southern	32	21	-	1	1	35	-	90	444	-

**Numbers & Kinds of Interlockings in Service
January 1, 1983**

Railroads						Remote Controlled		Traffic Control Points		
	Auto	Elec	Elec Pneu	Elec Mech	Mech	Elec	Elec Pneu	Total	Elec	Elec Pneu
-Southern Illinois & Missouri Bridge	-	-	-	-	-	1	-	1	-	-
Southern Pacific	26	29	7	2	24	27	-	115	879	-
Staten Island RR	-	1	-	-	-	-	-	1	-	-
Staten Island Rapid Transit	-	-	-	-	-	2	-	2	-	-
St. Louis Merchants Bridge Terminal	-	1	1	-	-	-	-	2	6	-
-St. Louis-South Western	16	2	-	-	3	1	-	22	149	-
Terminal RR Association of St. Louis	-	2	1	-	-	1	1	5	-	-
Toledo, Peoria & Western	4	-	-	-	1	-	-	5	-	-
Toledo Terminal	1	-	-	-	-	3	-	4	4	-
Tuscola and Saginaw Bay	2	-	-	-	-	-	-	2	-	-
Union	-	-	-	-	-	2	5	7	-	-
-Union Pacific	22	14	1	0	1	35	-	73	716	-
Washington Terminal	-	-	2	-	-	-	2	4	-	-
Western Maryland	1	-	2	1	-	3	-	7	10	1
Western Pacific	1	1	-	-	-	2	-	4	214	-
Totals	682	428	185	120	154	865	100	2,534	10,510	340

METHOD OF TRAIN OPERATION on January 1, 1984

RAILROAD	TRAFFIC CONTROL		AUTOMATIC BLOCK		NONAUTOMATIC BLOCK SIGNALS		TOTAL BLOCK SIGNALS		TIMETABLE TRAIN ORDERS		TOTAL TRACK MILES OPERATED ALL SYSTEMS
	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	
Alton & Southern	-	-	-	-	22	32	22	32	-	-	32
Ann Arbor	15	15	4	4	-	-	19	19	27	27	46
Apalachicola Northern RR	-	-	-	-	-	-	-	-	96	96	96
Arkansas & Memphis RY Bridge & Term	3	6	-	-	-	-	3	6	-	-	6
Atchison, Topeka & Santa Fe	3,415	4,378	1,810	2,467	-	-	5,225	6,845	6,004	6,004	12,849
Atlanta & St. Andrews Bay	-	-	-	-	-	-	-	-	88	88	88
Baltimore & Ohio	1,274	1,601	1,188	1,649	595	606	3,057	3,856	1,714	1,752	5,608
Baltimore & Ohio Chicago Terminal	1	1	38	76	-	-	39	77	31	42	119
Bangor & Aroostook	-	-	13	13	-	-	13	13	463	463	476
Belfast & Moosehead Lake	-	-	-	-	-	-	-	-	33	33	33
Belt Railway of Chicago	-	-	16	28	11	25	27	53	-	-	53
Bessemer & Lake Erie	133	177	-	-	-	-	133	177	55	55	232
Boston & Maine	410	492	163	297	-	-	573	789	691	708	1,497
Burlington Northern	7,374	8,117	4,176	5,073	-	-	11,550	13,190	15,906	16,036	29,226
Butte, Anaconda & Pacific	-	-	9	9	-	-	9	9	25	25	34
California Western	-	-	-	-	-	-	-	-	40	40	40
Camas Prairie	-	-	-	-	-	-	-	-	257	257	257
Canadian National	44	44	-	-	-	-	44	44	-	-	44
Canadian Pacific	2	2	256	256	56	56	314	314	312	312	626
Central Vermont	-	-	21	21	-	-	21	21	303	303	324
Chesapeake & Ohio	1,745	2,259	408	503	720	720	2,873	3,482	785	774	4,256
Chicago & Illinois Midland	-	-	-	-	-	-	-	-	96	96	96
Chicago, Milwaukee St. Paul & Pac.	421	586	528	902	-	-	949	1,488	1,334	1,334	2,822
Chicago & North Western	477	587	1,682	2,316	-	-	2,159	2,903	4,755	4,780	7,683
Chicago, South Shore & South Bend	-	-	70	84	-	-	70	84	1	1	85
Chicago Union Station	2	16	-	1	-	-	2	17	-	-	17
Chicago & Western Indiana	8	12	1	2	11	12	20	26	-	-	26
Conemaugh & Black Lick	-	-	-	-	1	1	1	1	-	-	1
Consolidated Rail Corporation	3,743	5,652	2,528	4,921	4,895	5,191	11,166	15,764	-	-	15,764
Delaware & Hudson	341	413	42	44	-	-	383	457	244	294	751
Delray Connecting	-	-	-	-	1	1	1	1	-	-	1
Denver & Rio Grande Western	905	977	76	76	-	-	981	1,053	481	481	1,534
Denver Union Terminal	6	6	-	-	-	-	6	6	-	-	6
Detroit & Mackinac	-	-	-	-	-	-	-	-	397	397	397

METHOD OF TRAIN OPERATION on January 1, 1984

RAILROAD	TRAFFIC CONTROL		AUTOMATIC BLOCK		NONAUTOMATIC BLOCK SIGNALS		TOTAL BLOCK SIGNALS		TIMETABLE TRAIN ORDERS		TOTAL TRACK MILES OPERATED ALL SYSTEMS
	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	
Duluth, Missabe & Iron Range	72	88	48	57	20	20	140	165	165	165	330
Duluth, Winnepeg & Pacific	9	9	2	2	1	1	12	12	153	201	213
Elgin, Joliet & Eastern	12	15	134	191	-	-	146	206	-	-	206
Florida East Coast	316	476	17	25	-	-	333	501	139	139	640
Galveston, Houston & Henderson	-	-	-	-	-	-	-	-	40	40	40
Grand Trunk Western	208	224	262	510	9	9	479	743	691	701	1,444
Green Bay & Western	-	-	-	-	-	-	-	-	262	262	262
Houston Belt Terminal	8	12	16	20	13	13	37	45	-	-	45
Illinois Central Gulf	831	935	1,818	2,549	9	9	2,658	3,493	4,275	4,301	7,794
Indiana Harbor Belt	22	36	17	33	-	-	39	69	-	-	69
Kansas City Southern	725	729	6	6	-	-	731	735	50	50	785
Kansas City Terminal	-	-	7	20	-	-	7	20	-	-	20
Lake Superior & Ishpeming	15	15	-	-	-	-	15	15	33	33	48
Long Island	90	162	82	178	143	143	315	483	-	-	483
Los Angeles Junction Railway Co.	-	-	1	1	-	-	1	1	-	-	1
Louisiana & Arkansas Ry	3	3	73	73	-	-	76	76	599	599	675
Louisiana & North West	-	-	-	-	-	-	-	-	62	62	62
Maine Central	70	82	91	91	-	-	161	173	552	552	725
McCloud River Railroad	-	-	-	-	-	-	-	-	135	146	146
Meridian & Bigbee	-	-	-	-	-	-	-	-	51	55	55
Metro North Commuter Railroad	98	226	98	361	73	73	269	660	-	-	660
Middletown & New Jersey	-	-	-	-	-	-	-	-	15	15	15
Minneapolis, Northfield & Southern	-	-	-	-	-	-	-	-	60	62	62
Missouri-Kansas-Texas	46	46	713	713	982	982	1,741	1,741	434	434	2,175
Missouri Pacific	3,498	3,929	1,981	2,057	-	-	5,479	5,986	4,607	4,627	10,613
Montour Railroad	-	-	-	-	-	-	-	-	27	27	27
Municipal Bridge Ry of St. Louis	3	3	3	7	-	-	6	10	-	-	10
National RR. Pass. Corp. Michigan Dst.	90	90	6	11	-	-	96	101	-	-	101
National RR. Pass. Corp. (NEC)	261	418	513	1,166	1	3	775	1,587	-	-	1,587
Newburgh & South Shore	-	-	-	-	-	-	-	-	5	7	7
New Jersey Transit Rail Operations	98	146	203	362	18	18	319	526	-	-	526
New Orleans Public Belt	-	-	14	28	10	21	24	49	-	-	49
New Orleans Union Passenger Terminal	7	9	-	-	-	-	7	9	-	-	9
Norfolk & Western	3,573	4,197	936	1,575	1,601	1,630	6,110	7,402	1,070	1,076	8,478

METHOD OF TRAIN OPERATION on January 1, 1984

RAILROAD	TRAFFIC CONTROL		AUTOMATIC BLOCK		NONAUTOMATIC BLOCK SIGNALS		TOTAL BLOCK SIGNALS		TIMETABLE TRAIN ORDERS		TOTAL TRACK MILES OPERATED ALL SYSTEMS
	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	
Northeast Illinois RR. Corp. RI Dist.	21	41	20	49	-	-	41	90	6	12	102
Northwestern Pacific	-	-	-	-	-	-	-	-	273	273	273
Oklahoma, Kansas & Texas	32	32	-	-	-	-	32	32	585	585	617
Paducah & Illinois	15	15	-	-	-	-	15	15	-	-	15
Peoria & Pekin Union	8	14	8	15	2	2	18	31	-	-	31
Pittsburgh, Chartiers & Youghiogheny	-	-	-	-	-	-	-	-	13	14	14
Pittsburg & Lake Erie	139	216	15	28	-	-	154	244	-	-	244
Pittsburgh & Shawmut	-	-	-	-	-	-	-	-	88	88	88
Port Authority Trans Hudson	-	-	15	30	-	-	15	30	-	-	30
Portland Terminal (Maine)	8	11	7	9	-	-	15	20	1	2	22
Portland Terminal (Oregon)	-	-	1	1	-	-	1	1	-	-	1
Port Terminal Houston	8	9	-	-	-	-	8	9	-	-	9
Prairie Central Ry.	-	-	-	-	162	162	162	162	-	-	162
Prairie Trunk Ry.	-	-	-	-	176	176	176	176	-	-	176
Richmond, Fredricksburgh & Potomac	109	227	-	-	-	-	109	227	-	-	227
Sacramento Northern	-	-	1	1	-	-	1	1	111	111	112
San Diego & Arizona Eastern	-	-	29	29	-	-	29	29	-	-	29
Seaboard System Railroad	6,052	6,773	1,104	1,356	2,377	2,377	9,533	10,506	5,998	5,998	16,504
St. Louis Merchants Bridge Term.	5	10	6	9	-	-	11	19	-	-	19
St. Louis Southwestern	699	714	475	475	-	-	1,174	1,189	662	662	1,851
Somerset RR. Corp.	-	-	-	-	17	17	17	17	-	-	17
Soo Line	374	377	1	1	-	-	375	378	4,160	4,185	4,563
Southeastern Penn. Trans. Auth.	26	49	70	119	-	-	96	168	12	12	180
Southern Railway System	1,825	2,551	2,181	2,224	13	21	4,019	4,796	6,538	6,545	11,341
Southern Illinois & Missouri Bridge	5	9	-	-	-	-	5	9	-	-	9
Southern Pacific	3,165	3,200	3,077	3,721	-	-	6,242	6,921	3,544	3,544	10,465
Spokane International	-	-	-	-	-	-	-	-	148	148	148
Staten Island Rapid Transit	-	-	29	58	-	-	29	58	-	-	58
Terminal RR. Association of St. Louis	1	1	11	21	31	40	43	62	-	-	62
Toledo, Peoria & Western	-	-	-	-	286	288	286	288	-	-	288
Toledo Terminal Railroad	5	8	10	19	-	-	15	27	15	15	42

METHOD OF TRAIN OPERATION on January 1, 1984

RAILROAD	TRAFFIC CONTROL		AUTOMATIC BLOCK		NONAUTOMATIC BLOCK SIGNALS		TOTAL BLOCK SIGNALS		TIMETABLE TRAIN ORDERS		TOTAL TRACK MILES OPERATED ALL SYSTEMS
	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	
Tuscola & Saginaw Bay	-	-	-	-	-	-	-	-	143	178	178
Tuscon Cornelia & Gila Bend	-	-	-	-	-	-	-	-	43	43	43
Union Railroad	-	-	15	30	-	-	15	30	-	-	30
Union Pacific Railroad	3,517	4,277	1,717	2,220	-	-	5,234	6,497	4,114	4,114	10,611
Utah Railway	21	21	5	5	-	-	26	26	27	27	53
Visalia Electric RY	-	-	-	-	21	21	21	21	-	-	21
Washington Terminal	2	13	-	-	-	-	2	13	-	-	13
Western Maryland	27	29	50	103	-	-	77	132	385	390	522
Youngstown & Southern	-	-	-	-	-	-	-	-	49	49	49
Totals	46,438	55,788	28,917	39,301	12,277	12,670	87,632	107,759	41,462	74,947	182,706

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NUMBER & KINDS OF INTERLOCKINGS IN SERVICE

JANUARY 1, 1984

RAILROAD	AUTO	ELEC	ELEC PNEU	ELEC MECH	MECH	REMOTE CONTROL INTERLOCKINGS		TOTAL	TRAFFIC CONTROL POINTS	
						ELEC	ELEC PNEU		ELEC	ELEC PNEU
Alton & Southern	4	-	-	-	-	-	-	4	-	-
Ann Arbor	1	1	-	-	-	1	-	3	1	-
Arkansas & Memphis RY Bridge & Terminal	-	-	-	-	-	2	-	2	2	-
Atchison, Topeka and Santa Fe	27	10	-	-	1	20	-	58	929	-
Baltimore and Ohio	18	50	4	7	22	58	-	159	196	-
Baltimore and Ohio Chicago Terminal	7	6	1	1	1	1	-	17	-	-
Belt Railway of Chicago	-	1	1	-	-	3	1	6	-	-
Bessember & Lake Erie	-	-	-	-	-	-	-	-	9	20
Boston & Maine	3	5	3	5	-	10	-	26	98	-
Burlington Northern	100	31	-	2	11	53	-	197	1,672	-
Canadian National	-	-	-	-	-	-	-	-	12	-
Canadian Pacific	-	3	-	-	-	-	-	3	-	-
Central Vermont	-	-	-	-	-	3	-	3	-	-
Chesapeake and Ohio	7	21	8	1	1	31	4	73	558	6
Chicago & Illinois Midland	-	1	-	-	-	-	-	1	-	-
Chicago, Milwaukee, St. Paul & Pacific	25	9	1	-	7	25	1	68	105	-
Chicago and North Western	44	21	-	-	4	31	-	100	81	-
Chicago South Shore & South Bend	1	-	-	-	-	-	-	1	-	-
Chicago Union Station	1	2	-	-	-	-	-	3	-	-
Chicago & Western Indiana	-	1	2	-	2	3	1	9	-	-
Conemaugh & Black Lick	-	-	-	-	-	1	-	1	-	-
Consolidated Rail Corporation	36	58	51	43	13	166	26	393	659	44
Dade County Florida	-	1	-	-	-	-	-	1	-	-
Delaware & Hudson	-	-	-	-	-	7	-	7	63	-
Denver & Rio Grande Western	4	1	-	-	-	7	-	12	285	-
Denver Union Terminal	-	-	-	-	-	2	-	2	1	-
Duluth, Missabe & Iron Range	1	-	-	-	-	4	-	5	45	-
Duluth, Winnepeg & Pacific	-	-	-	1	-	-	-	1	1	-
Elgin, Joliet & Eastern	-	5	-	3	5	5	-	18	8	-
Florida East Coast	-	-	-	-	-	6	-	6	53	-
Grand Trunk Western	8	1	-	-	5	14	-	28	56	-
Green Bay Western	-	-	-	1	-	-	-	1	-	-

NUMBER & KINDS OF INTERLOCKINGS IN SERVICE

JANUARY 1, 1984

RAILROAD	AUTO	ELEC	ELEC PNEU	ELEC MECH	MECH	REMOTE CONTROL INTERLOCKINGS		TOTAL	TRAFFIC CONTROL POINTS	
						ELEC	ELEC PNEU		ELEC	ELEC PNEU
Houston Belt Terminal	-	-	-	-	-	8	-	8	9	-
Illinois Central Gulf	35	13	-	13	7	27	-	95	169	-
Indiana Harbor Belt	1	3	-	-	3	9	-	16	-	-
Kansas City Southern	6	3	-	-	-	-	-	9	131	-
Kansas City Terminal	-	-	-	-	-	1	12	13	-	-
Lake Superior & Ishpeming	2	-	-	-	-	-	-	2	-	-
Long Island	-	6	11	-	1	7	2	27	11	1
Los Angeles Union Passenger Terminal	-	-	1	-	-	-	-	1	-	-
Louisiana & Arkansas	2	-	-	-	-	1	-	3	1	-
Maine Central	2	2	-	-	-	2	-	6	23	-
Metro-North Commuter RR.	-	24	-	3	-	12	-	39	16	-
Meridian & Bigbee	-	1	-	-	-	-	-	1	-	-
Missouri-Kansas-Texas	21	1	2	2	-	4	-	30	14	-
Missouri Pacific	53	14	1	2	9	18	-	97	709	-
Municipal Bridge RY of St. Louis	-	1	-	-	-	2	-	3	2	-
National RR. Passenger Corp (Mich. Dist.)	1	1	-	-	-	11	-	13	-	-
National RR. Passenger Corp.(NEC)	-	18	49	6	-	22	20	115	-	-
Newburgh & South Shore	-	1	-	-	-	-	-	1	-	-
New Jersey Transit Rail Operations	-	5	4	11	5	2	-	27	27	1
New Orleans Public Belt	2	-	-	-	-	-	-	2	-	-
New Orleans Union Passenger Terminal	-	1	-	-	-	5	-	6	-	-
Norfolk & Portsmouth Belt	-	1	-	-	-	-	-	1	-	-
Norfolk & Western	39	16	7	5	-	44	10	121	735	200
Northeast Illinois RR Corp.	-	2	-	6	-	2	-	10	6	-
Northwestern Pacific	-	-	-	-	2	-	-	2	-	-
Oklahoma, Kansas & Texas	9	-	-	-	-	-	-	9	13	-
Paducah & Illinois	-	-	-	-	-	-	-	-	7	-
Peoria & Pekin Union	-	2	-	-	-	1	-	3	5	-
Pittsburgh & Lake Erie	-	-	-	-	-	33	-	33	6	1
Port Authority Trans Hudson	5	-	2	-	-	2	3	12	-	-
Portland Terminal (Maine)	-	1	-	-	-	6	-	7	3	-
Portland Terminal (Oregon)	-	1	-	-	-	-	-	1	-	-

NUMBER & KINDS OF INTERLOCKINGS IN SERVICE

JANUARY 1, 1984

RAILROAD	AUTO	ELEC	ELEC PNEU	ELEC MECH	MECH	REMOTE CONTROL INTERLOCKINGS		TOTAL	TRAFFIC CONTROL POINTS	
						ELEC	ELEC PNEU		ELEC	ELEC PNEU
Port Terminal Houston	-	-	-	-	-	-	-	-	-	7
Prairie Central RY	1	-	-	-	-	-	-	1	-	-
Prairie Trunk RY	2	-	-	-	-	-	-	2	-	-
Richmond, Fredricksburg & Potomac	-	-	-	-	-	-	-	-	5	15
River Terminal RY	-	1	-	-	-	-	-	1	-	-
San Diego & Arizona Eastern	9	-	-	-	-	-	-	9	-	-
Seaboard System Railroad	73	28	7	2	19	71	5	205	1,433	25
St. Louis Merchant Bridge Terminal RY	-	1	1	-	-	-	-	2	6	-
St. Louis Southwestern	16	2	-	-	2	1	-	21	149	-
Soo Line	16	2	-	-	1	9	-	28	77	-
Southeastern Penn. Trans. Authority	-	-	3	-	-	13	4	20	8	-
Southern Railway System	30	11	-	1	-	16	-	58	447	-
Southern Illinois & Missouri Bridge Co.	-	-	-	-	-	1	-	1	-	-
Southern Pacific	26	29	7	2	24	28	-	116	898	-
Staten Island RR	-	1	-	-	-	-	-	1	-	-
Staten Island Rapid Transit	-	1	-	-	-	1	-	2	-	-
Terminal RR. Association of St. Louis	-	2	1	-	-	1	1	5	-	-
Toledo, Peoria & Western	2	-	-	-	1	-	-	3	-	-
Toledo Terminal RR	-	1	-	-	-	3	-	4	4	-
Tuscola & Saginaw Bay	1	-	-	-	-	-	-	1	-	-
Union Railroad	-	-	-	-	-	2	5	7	-	-
Union Pacific	23	15	1	-	1	37	-	77	931	-
Washington Terminal	-	-	2	-	-	2	-	4	-	-
Western Maryland	1	-	2	1	-	3	-	7	1	10
Totals	665	439	172	118	147	860	95	2,496	10,680	330

AUTOMATIC TRAIN STOP, TRAIN CONTROL AND CAB SIGNALS IN SERVICE ON JANUARY 1, 1984

RAILROAD	TRAIN STOP			CAB SIGNALS			TRAIN STOP AND CAB SIGNALS			TRAIN CONTROL AND CAB SIGNALS			TRAIN STOP TRAIN CONTROL CAB SIGNALS		
	ROAD MILES	TRACK MILES	LOC	ROAD MILES	TRACK MILES	LOC	ROAD MILES	TRACK MILES	LOC	ROAD MILES	TRACK MILES	LOC	ROAD MILES	TRACK MILES	LOC
Atchison, Topeka and Santa Fe	1,388	1,816	36(1)	-	-	-	-	-	-	-	-	-	-	-	-
Boston and Maine	-	-	-	-	-	-	-	-	-	36	72	46(2)	-	-	-
Burlington Northern	-	-	-	36	108	25	-	-	-	-	-	-	-	-	-
Chicago and North Western	112	250	12	-	-	-	-	-	-	478	934	143	-	-	306(3)
Consolidated Rail Corporation	-	-	-	787	1,666	1,998	-	-	-	-	-	60	-	-	-
Delaware and Hudson	-	-	-	-	-	9	-	-	-	-	-	-	-	-	-
Illinois Central Gulf	-	-	-	-	-	-	222	344	355	-	-	-	-	-	-
Long Island	-	-	-	-	-	-	-	-	-	126	256	844(4)	-	-	-
Metro North Commuter RR	-	-	-	62	171	7	-	-	6	-	-	-	-	-	298(5)
National RR Pass. Corp. (NEC)	-	-	21	477	1,278	35(6)	-	-	-	-	-	-	-	-	296(7)
New Jersey Transit Rail Operations	-	-	-	44	92	-	-	-	348(8)	-	-	77	-	-	-
Northeast Illinois RR Corp.	-	-	-	-	-	-	-	-	-	25	50	17	-	-	-
Port Authority Trans Hudson	15	30	298(9)	-	-	-	-	-	-	-	-	-	-	-	-
Richmond, Fredricksburgh & Potomac	-	-	-	-	-	-	-	-	-	109	227	22	-	-	-
Southeastern Penn. Trans. Auth.	-	-	-	7	7	3(10)	-	-	307(11)	-	-	-	-	-	-
Union Pacific	-	-	-	1,361	2,414	19	-	-	1,254	-	-	-	-	-	-
Totals	1,515	2,096	367	2,774	5,736	2,096	222	344	2,270	774	1,539	1,209	-	-	900

- (1) Includes 28 AMTRAK locomotives
- (2) Includes 8 motor cars
- (3) Includes 64 passenger cars with controls
- (4) Includes 764 motor cars
- (5) Includes 287 motor cars
- (6) Includes 6 motor cars
- (7) Includes 35 motor cars
- (8) Includes 333 motor cars and 15 push-pull control cars
- (9) Motor cars only
- (10) Motor cars only
- (11) Motor cars only

ANNUAL REPORT
METHODS OF TRAIN OPERATION
AS OF JANUARY 1, 1985

Department of Transportation
Federal Railroad Administration
Office of Safety

METHOD OF TRAIN OPERATION ON JANUARY 1, 1985

RAILROAD	TRAFFIC ROAD MILES	CONTROL TRACK MILES	AUTOMATIC ROAD MILES	BLOCK TRACK MILES	NONAUTOMATIC		TOTAL		TIMETABLE		TOTAL TRACK MILES OPERATED ALL SYSTEMS
					BLOCK ROAD MILES	SIGNALS TRACK MILES	BLOCK ROAD MILES	SIGNALS TRACK MILES	TRAIN ROAD MILES	ORDERS TRACK MILES	
Alton & Southern	-	-	2	2	22	22	24	24	-	-	24
Ann Arbor	15	15	1	2	-	-	16	17	30	30	47
Apalachicola Northern RR	-	-	-	-	-	-	-	-	96	96	96
Arkansas & Memphis RY Bridge & Term	3	6	-	-	-	-	3	6	-	-	6
Atchison, Topeka & Santa Fe	3,448	4,443	1,777	2,402	-	-	5,225	6,845	6,168	6,168	13,013
Atlanta & St. Andrews Bay	-	-	-	-	-	-	-	-	88	88	88
Baltimore & Ohio	1,284	1,621	1,178	1,629	671	687	3,133	3,937	1,513	1,546	5,483
Baltimore & Ohio Chicago Terminal	1	1	38	76	-	-	39	77	28	39	116
Bangor & Aroostook	-	-	10	10	-	-	10	10	450	450	460
Belfast & Moosehead Lake	-	-	-	-	-	-	-	-	33	33	33
Belt Railway of Chicago	-	-	16	28	11	25	27	53	-	-	53
Bessemer & Lake Erie	133	177	-	-	-	-	133	177	55	55	232
Boston & Maine	408	496	159	292	-	-	567	788	639	641	1,429
Burlington Northern	7,487	8,309	4,172	5,150	-	-	11,659	13,459	15,924	16,274	29,733
Butte, Anaconda & Pacific	-	-	9	9	-	-	9	9	25	25	34
California Western	-	-	-	-	-	-	-	-	40	40	40
Camas Prairie	-	-	-	-	-	-	-	-	257	257	257
Canadian National	1	2	-	-	-	-	1	2	-	-	2
Canadian Pacific	-	-	256	256	56	56	312	312	312	312	624
Central Vermont	-	-	21	21	-	-	21	21	303	303	324
Chesapeake & Ohio	1,743	2,250	398	483	514	514	2,655	3,247	678	667	3,914
Chicago & Illinois Midland	-	-	-	-	-	-	-	-	96	96	96
Chicago & North Western	477	587	1,505	2,139	-	-	1,982	2,726	4,695	4,720	7,446
Chicago, South Shore & South Bend	-	-	70	84	-	-	70	84	1	1	85
Chicago Union Station	-	-	1	1	-	-	1	1	-	-	1
Chicago & Western Indiana	4	8	-	-	11	12	15	20	-	-	20
Conemaugh & Black Lick	-	-	-	-	1	1	1	1	-	-	1
Consolidated Rail Corporation	3,594	5,507	2,028	3,905	5,837	6,268	11,459	15,680	-	-	15,680
Delaware & Hudson	341	413	42	44	-	-	383	457	244	204	661
Denver & Rio Grande Western	905	977	76	76	-	-	981	1,053	481	481	1,534
Denver Union Terminal	6	6	-	-	-	-	6	6	-	-	6
Detroit & Mackinac	-	-	-	-	-	-	-	-	397	397	397

METHOD OF TRAIN OPERATION ON JANUARY 1, 1985

RAILROAD	TRAFFIC	CONTROL	AUTOMATIC	BLOCK	NONAUTOMATIC		TOTAL		TIMETABLE		TOTAL			
	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	SIGNALS MILES	ROAD MILES	SIGNALS MILES	ROAD MILES	TRACK MILES	TRAIN MILES	ORDERS MILES	TRACK MILES	OPERATED ALL SYSTEMS
Duluth, Missabe & Iron Range	67	83	48	57	25	25	140	165	135	135	300			
Duluth, Winnepeg & Pacific	9	9	2	2	-	-	11	11	144	192	203			
Elgin, Joliet & Eastern	12	15	134	191	-	-	146	206	-	-	206			
Florida East Coast	316	476	17	25	-	-	333	501	139	139	640			
Galveston, Houston & Henderson	-	-	9	9	-	-	9	9	31	31	40			
Grand Trunk Western	208	224	262	510	9	9	479	743	583	597	1,340			
Green Bay & Western	-	-	-	-	-	-	-	-	262	262	262			
Houston Belt Terminal	8	12	16	20	13	13	37	45	-	-	45			
Illinois Central Gulf	852	972	1,780	2,462	9	9	2,641	3,443	3,864	3,890	7,333			
Indiana Harbor Belt	22	36	17	33	-	-	39	69	-	-	69			
Kansas City Southern	725	729	6	6	-	-	731	735	50	50	785			
Kansas City Terminal	-	-	7	20	-	-	7	20	-	-	20			
Lake Superior & Ishpeming	14	14	-	-	-	-	14	14	49	49	63			
Long Island	90	162	82	178	143	143	315	483	-	-	483			
Los Angeles Junction Railway Co.	-	-	1	1	-	-	1	1	-	-	1			
Louisiana & Arkansas Ry	46	46	73	73	-	-	119	119	556	556	675			
Louisiana & North West	-	-	-	-	-	-	-	-	62	62	62			
Maine Central	67	80	93	93	-	-	160	173	507	507	680			
McCloud River Railroad	-	-	-	-	-	-	-	-	135	146	146			
Meridian & Bigbee	-	-	-	-	-	-	-	-	50	55	55			
Metro North Commuter Railroad	132	329	68	253	73	73	273	655	-	-	655			
Middletown & New Jersey	-	-	-	-	-	-	-	-	15	15	15			
Milwaukee Road	457	624	516	880	-	-	973	1,504	1,313	1,313	2,817			
Minneapolis, Northfield & Southern	-	-	-	-	-	-	-	-	60	62	62			
Mississippi Export Railroad	-	-	-	-	-	-	-	-	38	38	38			
Missouri-Kansas-Texas	78	78	713	713	982	982	1,773	1,773	1,695	1,695	3,468			
Missouri Pacific	3,569	4,000	1,910	1,986	-	-	5,479	5,986	4,505	4,538	10,524			
Montour Railroad	-	-	-	-	-	-	-	-	27	27	27			
Municipal Bridge Ry of St. Louis	3	3	3	7	-	-	6	10	-	-	10			
National RR. Pass. Corp.	404	681	521	1,174	1	2	926	1,857	-	-	1,857			
Newburgh & South Shore	-	-	-	-	-	-	-	-	5	7	7			
New Jersey Transit Rail Operations	148	206	151	301	18	18	317	525	-	-	525			
New Orleans Public Belt	-	-	14	28	10	21	24	49	-	-	9			
New Orleans Union Passenger Terminal	7	9	-	-	-	-	7	9	-	-	49			
Norfolk & Western	3,568	4,194	880	1,519	1,716	1,745	6,164	7,458	1,101	1,107	8,565			

METHOD OF TRAIN OPERATION ON January 1, 1985

RAILROAD	TRAFFIC CONTROL		AUTOMATIC		NONAUTOMATIC		TOTAL		TIMETABLE		TOTAL
	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	TRACK MILES OPERATED ALL SYSTEMS
Northeast Illinois RR. Corp. RI Dist.	21	41	20	49	-	-	41	90	6	12	102
Northwestern Pacific	-	-	-	-	-	-	-	-	140	140	140
Oklahoma, Kansas & Texas	-	-	-	-	-	-	-	-	585	585	585
Paducah & Illinois	15	15	-	-	-	-	15	15	-	-	15
Peoria & Pekin Union	7	16	8	15	-	-	16	31	-	-	31
Pittsburgh, Chariters & Youghiogheny	-	-	-	-	-	-	-	-	13	14	14
Pittsburgh & Lake Erie	139	216	15	28	-	-	154	244	-	-	244
Pittsburgh & Shawmut	-	-	-	-	-	-	-	-	88	88	88
Port Authority Trans Hudson	-	-	15	30	-	-	15	30	-	-	30
Portland Terminal (Maine)	8	11	7	9	-	-	15	20	1	2	22
Portland Terminal (Oregon)	-	-	1	1	-	-	1	1	-	-	1
Port Terminal Houston	8	9	-	-	-	-	8	9	-	-	9
Prairie Trunk Ry.	-	-	-	-	176	176	176	176	-	-	176
Richmond, Fredericksburgh & Potomac	109	227	-	-	-	-	109	227	-	-	227
Sacramento Northern	-	-	1	1	-	-	1	1	111	111	112
San Diego & Imperial Valley	-	-	28	36	87	89	115	125	17	17	142
Seaboard System Railroad	5,945	6,689	1,069	1,292	2,352	2,352	9,366	10,333	5,411	5,411	15,744
St. Louis Merchants Bridge Term.	7	14	1	3	-	-	8	17	-	-	17
St. Louis Southwestern	699	714	475	475	-	-	1,174	1,189	564	564	1,753
Somerset RR. Corp.	-	-	-	-	17	17	17	17	-	-	17
Soo Line	390	400	-	-	-	-	390	400	4,160	4,185	4,585
Southeastern Penn. Trans. Auth.	32	52	69	132	-	-	101	184	12	12	196
Southern Railway System	1,827	2,553	2,179	2,222	13	21	4,019	4,796	6,543	6,550	11,346
Southern Illinois & Missouri Bridge	5	9	-	-	-	-	5	9	-	-	9
Southern Pacific	3,165	3,205	3,077	3,721	-	-	6,242	6,926	3,463	3,463	10,389
Spokane International	-	-	-	-	-	-	-	-	148	148	148
Staten Island Rapid Transit	-	-	29	29	-	-	29	29	-	-	29
Terminal RR. Association of St. Louis	1	1	11	21	29	38	41	60	-	-	60
Tuscola & Saginaw Bay	-	-	-	-	-	-	-	-	511	476	476
Tuscon Cornelia & Gila Bend	-	-	-	-	-	-	-	-	43	43	43
Union Railroad	-	-	15	30	-	-	15	30	-	-	30
Union Pacific Railroad	3,517	4,277	1,478	1,958	-	-	4,995	6,235	4,011	4,011	10,246
Utah Railway	21	21	5	5	-	-	26	26	27	27	53
Washington Terminal	2	13	-	-	-	-	2	13	-	-	13
Western Maryland	20	22	49	101	21	34	90	157	233	238	395
Youngstown & Southern	-	-	-	-	-	-	-	-	49	49	49
TOTALS	46,591	56,305	27,634	37,308	12,817	13,352	87,042	106,965	74,015	74,542	181,507

NUMBER & KINDS OF INTERLOCKINGS IN SERVICE
JANUARY 1, 1985

RAILROAD	AUTO	ELEC	ELEC PNEU	ELEC MECH	MECH	REMOTE CONTROL INTERLOCKINGS		TOTAL	TRAFFIC CONTROL POINTS	
						ELEC	PNEU		ELEC	PNEU
Alton & Southern	4	-	-	-	-	-	-	4	-	-
Ann Arbor	1	1	-	-	-	-	-	2	1	-
Arkansas & Memphis RY Bridge & Terminal	-	-	-	-	-	2	-	2	-	-
Atchison, Topeka and Santa Fe	29	10	-	-	1	21	-	61	938	-
Baltimore and Ohio	22	46	4	6	20	57	-	155	197	-
Baltimore and Ohio Chicago Terminal	8	5	1	1	1	1	-	17	-	-
Belt Railway of Chicago	-	0	1	-	-	5	1	7	-	-
Bessemer & Lake Erie	-	-	-	-	-	-	-	-	9	20
Boston and Maine	3	6	2	5	-	9	-	25	101	-
Burlington Northern	100	31	-	2	4	57	-	194	1,729	-
Canadian National	-	2	-	-	-	-	-	2	2	-
Central Vermont	-	-	-	-	-	3	-	3	-	-
Chesapeake and Ohio	18	17	6	1	1	24	3	70	557	6
Chicago & Illinois Midland	-	1	-	-	-	-	-	1	-	-
Chicago and North Western	38	19	-	-	4	31	-	92	81	-
Chicago South Shore & South Bend	1	-	-	-	-	-	-	1	-	-
Chicago Union Station	1	2	-	-	-	-	-	3	-	-
Chicago & Western Indiana	-	1	2	-	2	2	1	8	-	-
Conemaugh & Black Lick	-	-	-	-	-	1	-	1	-	-
Consolidated Rail Corporation	41	41	45	38	6	131	21	323	615	44
Dade County Florida	-	1	-	-	-	-	-	1	-	-
Delaware and Hudson	-	-	-	-	-	7	-	7	63	-
Denver & Rio Grande Western	3	1	-	-	-	7	-	11	287	-
Denver Union Terminal	-	-	-	-	-	2	1	3	-	-
Duluth, Missabe & Iron Range	1	-	-	-	-	4	-	5	42	-
Duluth, Winnepeg & Pacific	-	-	-	1	-	-	-	1	1	-
Elgin, Joliet & Eastern	-	5	-	3	5	5	-	18	8	-
Florida East Coast	-	-	-	-	-	6	-	6	53	-
Grand Trunk Western	7	-	-	-	4	14	-	25	56	-
Green Bay & Western	-	-	-	1	-	-	-	1	-	-

NUMBER & KINDS OF INTERLOCKINGS IN SERVICE
JANUARY 1, 1985

RAILROAD	AUTO	ELEC	ELEC PNEU	ELEC MECH	MECH	REMOTE CONTROL INTERLOCKINGS		TOTAL	TRAFFIC CONTROL POINTS	
						ELEC	ELEC PNEU		ELEC	ELEC PNEU
Houston Belt Terminal	-	-	-	-	-	8	-	8	11	-
Illinois Central Gulf	32	12	-	13	6	27	-	90	169	-
Indiana Harbor Belt	1	3	-	-	3	9	-	16	-	-
Kansas City Southern	6	3	-	-	-	-	-	9	131	-
Kansas City Terminal	-	-	-	-	-	1	11	12	-	-
Lake Superior & Ishpeming	2	-	-	-	-	-	-	2	-	-
Long Island	-	6	11	-	1	7	1	26	11	1
Los Angeles Union Passenger Terminal	-	-	1	-	-	-	-	1	-	-
Louisiana & Arkansas	2	-	-	-	-	1	-	3	7	-
Maine Central	2	2	-	-	-	2	-	6	22	-
Metro-North Commuter RR.	-	23	-	-	-	10	-	33	22	-
Meridian & Bigbee	-	1	-	-	-	-	-	1	-	-
Milwaukee Road, Inc.	24	7	1	-	5	22	1	60	112	-
Missouri-Kansas-Texas	21	1	2	2	-	4	-	30	27	-
Missouri Pacific	52	14	1	2	9	18	-	96	714	-
Municipal Bridge RY of St. Louis	-	1	-	-	-	2	-	3	2	-
National RR. Passenger Corp.	-	24	45	4	-	46	20	139	-	-
Newburgh & South Shore	-	1	-	-	-	-	-	1	-	-
New Jersey Transit Rail Operations	1	4	2	6	4	1	-	18	41	1
New Orleans Public Belt	2	-	-	-	-	-	-	2	-	-
New Orleans Union Passenger Terminal	-	1	-	-	-	5	-	6	-	-
Norfolk & Portsmouth Belt	-	1	-	-	-	-	-	1	-	-
Norfolk & Western	35	15	5	5	-	45	12	117	750	188
Northeast Illinois RR. Corp.	-	2	-	6	-	2	-	10	6	-
Northwestern Pacific	-	-	-	-	2	-	-	2	-	-
Oklahoma, Kansas & Texas	9	-	-	-	-	-	-	9	-	-
Paducah & Illinois	-	-	-	-	-	-	-	-	7	-
Peoria & Pekin Union	-	1	-	-	-	-	-	1	6	-
Pittsburgh & Lake Erie	-	-	-	-	-	33	-	33	6	1
Port Authority Trans Hudson	6	-	1	-	-	2	4	13	-	-
Portland Terminal (Maine)	-	1	-	-	-	6	-	7	3	-
Portland Terminal (Oregon)	-	1	-	-	-	-	-	1	-	-

NUMBER & KINDS OF INTERLOCKINGS IN SERVICE
JANUARY 1, 1985

RAILROAD	AUTO	ELEC	ELEC PNEU	ELEC MECH	MECH	REMOTE CONTROL INTERLOCKINGS		TOTAL	TRAFFIC CONTROL POINTS	
						ELEC	ELEC PNEU		ELEC	ELEC PNEU
Port Terminal Houston	-	-	-	-	-	-	-	-	-	7
Prairie Trunk RY	2	-	-	-	-	-	-	2	-	-
Richmond, Fredericksburg & Potomac	-	-	-	-	-	-	-	-	7	13
River Terminal RY	-	1	-	-	-	-	-	1	-	-
San Diego & Imperial Valley	5	-	-	-	-	-	-	5	-	-
Seaboard System Railroad	70	28	7	2	19	71	5	202	1,409	25
St. Louis Merchant Bridge Terminal RY	-	-	1	-	-	-	-	1	6	-
St. Louis Southwestern	16	2	-	-	2	1	-	21	149	-
Soo Line	16	2	-	-	-	7	-	25	79	-
Southeastern Penn. Trans. Authority	-	3	4	-	-	13	4	24	7	-
Southern Railway System	31	11	-	1	-	15	-	58	449	-
Southern Illinois & Missouri Bridge Co.	-	-	-	-	-	1	-	1	-	-
Southern Pacific	26	29	7	2	23	28	-	115	896	-
Staten Island RR	-	1	-	-	-	-	-	1	-	-
Staten Island Rapid Transit	-	-	-	-	-	2	-	2	-	-
Terminal RR. Association of St. Louis	-	2	1	-	-	1	-	4	-	1
Tuscola & Saginaw Bay	3	-	-	-	-	-	-	3	-	-
Union Railroad	-	-	-	-	-	2	5	7	-	-
Union Pacific	23	15	1	-	1	38	-	78	932	-
Western Maryland	1	-	1	1	-	2	-	5	1	10
TOTALS	665	412	150	102	122	820	90	2,361	10,661	314

AUTOMATIC TRAIN STOP, TRAIN CONTROL AND CAB SIGNALS IN SERVICE ON JANUARY 1, 1985

RAILROAD	TRAIN STOP			CAB SIGNALS			TRAIN STOP			TRAIN STOP			TRAIN STOP		
	ROAD	TRACK	LOC	ROAD	TRACK	LOC	ROAD	TRACK	LOC	ROAD	TRACK	LOC	ROAD	TRACK	LOC
	MILES	MILES		MILES	MILES		MILES	MILES		MILES	MILES		MILES	MILES	
Atchison, Topeka and Santa Fe	1,334	1,842	37(1)	-	-	-	-	-	-	-	-	-	-	-	-
Boston and Maine	-	-	-	-	-	-	-	-	-	36	72	-	46(2)	-	-
Burlington Northern	-	-	-	36	108	25	-	-	-	-	-	-	-	-	-
Chicago and North Western	112	250	12	-	-	-	-	-	-	478	934	122	-	-	313(3)
Consolidated Rail Corporation	-	-	-	671	1,396	1,725	-	-	6	-	-	1	-	-	-
Delaware and Hudson	-	-	-	-	-	9	-	-	-	-	-	-	-	-	-
Illinois Central Gulf	-	-	-	-	-	-	-	-	-	217	339	354	-	-	-
Long Island	-	-	-	-	-	-	-	-	-	131	266	845(4)	-	-	-
Metro North Commuter RR	-	-	-	21	84	-	-	-	18	-	-	-	-	-	549(5)
National RR Pass. Corp.	-	-	28	475	1,362	33(6)	-	-	-	-	-	-	-	-	264(7)
New Jersey Transit Rail Operations	-	-	-	44	89	-	-	-	320(8)	-	-	49	-	-	-
Northeast Illinois RR Corp.	-	-	-	-	-	-	-	-	-	25	50	17	-	-	-
Port Authority Trans Hudson	15	30	298(9)	-	-	-	-	-	-	-	-	-	-	-	-
Providence & Worcester RR Co.	-	-	-	-	-	7	-	-	-	-	-	-	-	-	-
Richmond, Fredericksburg & Potomac	-	-	-	-	-	-	-	-	-	109	222	23	-	-	-
Southeastern Penn. Trans. Auth.	-	-	-	7	7	3(10)	-	-	307(11)	-	-	-	-	-	-
Union Pacific	-	-	-	1,361	2,414	19	-	-	1,247	-	-	-	-	-	-
TOTALS	1,461	2,122	375	2,615	3,956	1,821	-	-	1,898	996	1,883	1,457	-	-	1,126

- (1) Includes 29 AMTRAK locomotives
- (2) Includes 8 motor cars
- (3) Includes 66 passenger cars with controls
- (4) Includes 762 motor cars
- (5) Includes 519 motor cars
- (6) Includes 6 motor cars
- (7) Includes 34 motor cars
- (8) Includes 300 motor cars and 20 push-pull control cars
- (9) Motor cars only
- (10) Motor cars only
- (11) Motor cars only

ANNUAL REPORT
METHODS OF TRAIN OPERATION
AS OF JANUARY 1, 1986

Department of Transportation
Federal Railroad Administration
Office of Safety

METHOD OF TRAIN OPERATION ON JANUARY 1, 1986

RAILROAD	TRAFFIC CONTROL		AUTOMATIC		BLOCK		NONAUTOMATIC		TOTAL		TIMETABLE		TOTAL	
	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	TRAIN ORDERS MILES	TRACK MILES OPERATED ALL SYSTEMS
Alton & Southern	-	-	-	-	-	-	22	22	22	22	-	-	-	22
Ann Arbor	15	15	1	2	-	-	-	-	16	17	30	30	30	47
Apalachicola Northern RR	-	-	-	-	-	-	-	-	-	-	96	96	96	96
Arkansas & Memphis RY Bridge & Term	3	6	-	-	-	-	-	-	3	6	-	-	-	6
Atchison, Topeka & Santa Fe	3,620	4,747	1,672	2,316	-	-	-	-	5,292	7,063	6,092	6,092	13,155	13,155
Atlanta & St. Andrews Bay	-	-	-	-	-	-	-	-	-	-	88	88	88	88
Baltimore & Ohio	1,180	1,439	866	1,450	322	324	-	-	2,368	3,213	1,669	1,712	4,925	4,925
Baltimore & Ohio Chicago Terminal	2	3	37	73	72	72	-	-	111	148	37	43	191	191
Bangor & Aroostook	-	-	10	10	-	-	-	-	10	10	448	448	458	458
Belfast & Moosehead Lake	-	-	-	-	-	-	-	-	-	-	33	33	33	33
Belt Railway of Chicago	-	-	16	28	11	25	-	-	27	53	-	-	53	53
Bessemer & Lake Erie	133	177	-	-	-	-	-	-	133	177	55	55	232	232
Boston & Maine	408	496	159	292	-	-	-	-	567	788	639	641	1,429	1,429
Burlington Northern	7,404	8,377	3,703	4,585	-	-	-	-	11,107	12,962	15,653	15,985	28,947	28,947
California Western	-	-	-	-	-	-	-	-	-	-	40	40	40	40
Camas Prairie	-	-	-	-	-	-	-	-	-	-	246	246	246	246
Canadian National	1	2	-	-	-	-	-	-	1	2	-	-	2	2
Canadian Pacific	-	-	256	256	56	56	-	-	312	312	312	312	624	624
Central Vermont	-	-	21	21	-	-	-	-	21	21	303	303	324	324
Chesapeake & Ohio	1,854	2,350	281	383	425	425	-	-	2,560	3,158	1,038	1,038	4,196	4,196
Chicago & Illinois Midland	-	-	-	-	-	-	-	-	-	-	96	96	96	96
Chicago & North Western	479	589	1,505	2,139	-	-	-	-	1,984	2,728	4,542	4,567	7,295	7,295
Chicago Central and Pacific	149	149	141	154	284	284	-	-	574	587	511	524	1,111	1,111
Chicago, South Shore & South Bend	-	-	70	84	-	-	-	-	70	84	1	1	85	85
Chicago Union Station	-	-	1	1	-	-	-	-	1	1	-	-	1	1
Chicago & Western Indiana	4	8	-	-	8	8	-	-	12	16	-	-	16	16
Conemaugh & Black Lick	-	-	-	-	1	1	-	-	1	1	-	-	1	1
Consolidated Rail Corporation	3,840	5,857	1,666	3,298	5,412	5,493	-	-	10,918	14,648	-	-	14,648	14,648
Delaware & Hudson	343	412	14	14	-	-	-	-	357	426	221	268	694	694
Denver & Rio Grande Western	905	977	76	76	-	-	-	-	981	1,053	387	387	1,440	1,440
Denver Union Terminal	6	6	-	-	-	-	-	-	6	6	-	-	6	6
Detroit & Mackinac	-	-	-	-	-	-	-	-	-	-	397	397	397	397

METHOD OF TRAIN OPERATION ON JANUARY 1, 1986

RAILROAD	TRAFFIC	CONTROL	AUTOMATIC	BLOCK	NONAUTOMATIC		TOTAL		TIMETABLE		TOTAL
	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	BLOCK ROAD MILES	SIGNALS TRACK MILES	BLOCK ROAD MILES	SIGNALS TRACK MILES	TRAIN ROAD MILES	ORDERS TRACK MILES	TRACK OPERATED ALL SYSTEMS MILES
Duluth, Missabe & Iron Range	81	97	48	57	25	25	154	179	124	124	303
Duluth, Winnepeg & Pacific	9	9	2	2	-	-	11	11	144	192	203
Elgin, Joliet & Eastern	7	9	120	176	-	-	127	185	-	-	185
Florida East Coast	316	476	19	38	-	-	335	514	132	132	646
Galveston, Houston & Henderson	-	-	-	-	-	-	-	-	40	40	40
Grand Trunk Western	213	232	258	503	9	9	480	735	597	612	1,347
Green Bay & Western	-	-	-	-	-	-	-	-	262	262	262
Houston Belt Terminal	8	12	16	20	13	13	37	45	-	-	45
Illinois Central Gulf	677	797	1,548	2,212	5	5	2,230	3,014	2,355	2,370	5,384
Indiana Harbor Belt	22	36	19	37	-	-	41	73	-	-	73
Kansas City Southern	725	729	6	6	-	-	731	735	50	50	785
Kansas City Terminal	-	-	7	20	-	-	7	20	-	-	20
Lake Superior & Ishpeming	14	14	-	-	49	49	63	63	-	-	63
Long Island	90	171	77	162	147	147	314	480	-	-	480
Los Angeles Junction Railway Co.	-	-	1	1	-	-	1	1	-	-	1
Louisiana & Arkansas Ry	79	79	73	73	-	-	152	152	527	527	679
Louisiana & North West	-	-	-	-	-	-	-	-	62	62	62
Maine Central	67	80	93	93	-	-	160	173	507	507	680
McCloud River Railroad	-	-	-	-	-	-	-	-	135	146	146
Meridian & Bigbee	-	-	-	-	-	-	-	-	50	55	55
Metro North Commuter Railroad	170	486	29	97	73	73	272	656	-	-	656
Middletown & New Jersey	-	-	-	-	-	-	-	-	15	15	15
Minneapolis, Northfield & Southern	-	-	-	-	-	-	-	-	60	62	62
Mississippi Export Railroad	-	-	-	-	-	-	-	-	38	38	38
Missouri-Kansas-Texas	137	137	627	627	985	985	1,749	1,749	1,612	1,612	3,361
Missouri Pacific	3,603	4,041	1,910	1,986	-	-	5,513	6,027	4,343	4,368	10,397
Monongahilia Railway Company	-	-	-	-	-	-	-	-	136	145	145
Montour Railroad	-	-	-	-	-	-	-	-	27	27	27
Municipal Bridge Ry of St. Louis	3	3	3	7	-	-	6	10	-	-	10
National RR. Pass. Corp.	404	681	521	1,174	1	2	926	1,857	-	-	1,857
Newburgh & South Shore	-	-	-	-	-	-	-	-	5	7	7
New Jersey Transit Rail Operations	149	207	146	286	3	3	298	496	-	-	496
New Orleans Public Belt	-	-	14	28	10	21	24	49	-	-	49
Norfolk & Western	3,569	4,195	872	1,511	1,594	1,623	6,035	7,329	1,184	1,190	8,519

METHOD OF TRAIN OPERATION ON January 1, 1986

RAILROAD	TRAFFIC ROAD MILES	CONTROL TRACK MILES	AUTOMATIC ROAD MILES	BLOCK TRACK MILES	NONAUTOMATIC		TOTAL		TIMETABLE		TOTAL	
					BLOCK ROAD MILES	SIGNALS TRACK MILES	BLOCK ROAD MILES	SIGNALS TRACK MILES	TRAIN ROAD MILES	ORDERS TRACK MILES	TRACK OPERATED ALL SYSTEMS	
Northeast Illinois RR. Corp. RI Dist.	34	59	15	22	-	-	49	81	6	12	93	
Northwestern Pacific	-	-	-	-	-	-	-	-	120	120	120	
Oklahoma, Kansas & Texas	-	-	-	-	-	-	-	-	573	573	573	
Paducah & Illinois	15	15	-	-	-	-	15	15	-	-	15	
Peoria & Pekin Union	8	16	8	15	-	-	16	31	-	-	31	
Pittsburgh, Chariters & Youghiogheny	-	-	-	-	-	-	-	-	13	14	14	
Pittsburgh & Lake Erie	139	211	15	28	-	-	154	239	-	-	239	
Pittsburgh & Shawmut	-	-	-	-	-	-	-	-	88	88	88	
Port Authority Trans Hudson	-	-	15	30	-	-	15	30	-	-	30	
Portland Terminal (Maine)	8	11	7	9	-	-	15	20	1	2	22	
Portland Terminal (Oregon)	-	-	1	1	-	-	1	1	-	-	1	
Port Terminal Houston	8	9	-	-	-	-	8	9	-	-	9	
Prairie Trunk Ry.	-	-	-	-	176	176	176	176	-	-	176	
Rarus Railway Company	-	-	-	-	-	-	-	-	26	26	26	
Richmond, Fredericksburg & Potomac	109	227	-	-	-	-	109	227	-	-	227	
Sacramento Northern	-	-	1	1	-	-	1	1	111	111	112	
San Diego & Imperial Valley	-	-	28	36	87	89	115	125	17	17	142	
Seaboard System Railroad	5,894	6,638	1,064	1,287	2,256	2,256	9,214	10,181	5,093	5,093	15,274	
St. Louis Merchants Bridge Term.	7	14	1	3	-	-	8	17	-	-	17	
St. Louis Southwestern	699	714	475	475	423	423	1,597	1,612	252	252	1,864	
Somerset RR. Corp.	-	-	-	-	17	17	17	17	-	-	17	
Soo Line	893	1,070	516	880	-	-	1,409	1,950	5,533	5,570	7,520	
Southeastern Penn. Trans. Auth.	40	70	69	132	-	-	109	202	12	12	214	
Southern Railway System	1,883	2,616	2,168	2,220	13	21	4,064	4,857	5,741	5,720	10,577	
Southern Illinois & Missouri Bridge	5	9	-	-	-	-	5	9	-	-	9	
Southern Pacific	3,171	3,211	3,022	3,671	-	-	6,193	6,882	753	753	7,635	
Spokane International	-	-	-	-	-	-	-	-	121	121	121	
Staten Island Rapid Transit	-	-	29	29	-	-	29	29	-	-	29	
Terminal RR. Association of St. Louis	1	1	11	21	29	38	41	60	-	-	60	
Tuscola & Saginaw Bay	-	-	-	-	-	-	-	-	511	476	476	
Tuscon Cornelia & Gila Bend	-	-	-	-	-	-	-	-	43	43	43	
Union Railroad	-	-	15	30	-	-	15	30	-	-	30	
Union Pacific Railroad	3,663	4,435	1,478	1,958	-	-	5,141	6,393	3,991	3,991	10,384	
Utah Railway	21	21	5	5	-	-	26	26	27	27	53	
Western Maryland	9	12	18	25	-	-	27	37	401	405	442	
Youngstown & Southern	-	-	-	-	-	-	-	-	49	49	49	
January 1, 1986	TOTALS	47,296	57,460	25,865	35,176	12,528	12,676	85,689	105,312	68,821	69,420	174,732
January 1, 1985	TOTALS	46,591	56,305	27,634	37,308	12,817	13,352	87,042	106,965	74,015	74,542	181,507

NUMBER & KINDS OF INTERLOCKINGS IN SERVICE
JANUARY 1, 1986

RAILROAD	AUTO	ELEC	ELEC PNEU	ELEC MECH	MECH	REMOTE CONTROL INTERLOCKINGS		TOTAL	TRAFFIC CONTROL POINTS	
						ELEC	PNEU		ELEC	PNEU
Alton & Southern	4	-	-	-	-	-	-	4	-	-
Ann Arbor	1	1	-	-	-	-	-	2	1	-
Arkansas & Memphis RY Bridge & Terminal	-	-	-	-	-	2	-	2	-	-
Atchison, Topeka and Santa Fe	27	10	-	-	1	21	-	59	943	-
Baltimore and Ohio	22	45	4	4	18	61	-	154	197	-
Baltimore and Ohio Chicago Terminal	8	5	1	1	1	1	-	17	-	-
Belt Railway of Chicago	-	0	1	-	-	5	1	7	-	-
Bessemer & Lake Erie	-	-	-	-	-	-	-	-	9	20
Boston and Maine	2	6	2	5	-	9	-	24	100	-
Burlington Northern	98	31	-	2	4	59	-	194	1,750	-
Canadian National	-	2	-	-	-	-	-	2	2	-
Central Vermont	-	-	-	-	-	3	-	3	-	-
Chesapeake and Ohio	18	17	6	1	1	24	3	70	556	6
Chicago & Illinois Midland	-	1	-	-	-	-	-	1	-	-
Chicago and North Western	31	18	-	-	3	27	-	79	77	-
Chicago Central and Pacific	4	3	-	-	1	3	-	11	29	-
Chicago South Shore & South Bend	1	-	-	-	-	-	-	1	-	-
Chicago Union Station	1	2	-	-	-	-	-	3	-	-
Chicago & Western Indiana	-	1	1	-	1	3	1	7	-	-
Conemaugh & Black Lick	-	-	-	-	-	1	-	1	-	-
Consolidated Rail Corporation	44	41	35	31	4	114	21	290	606	49
Dade County Florida	-	1	-	-	-	-	-	1	-	-
Delaware and Hudson	-	-	-	-	-	6	-	6	64	-
Denver & Rio Grande Western	3	1	-	-	-	7	-	11	287	-
Denver Union Terminal	-	-	-	-	-	2	1	3	-	-
Duluth, Missabe & Iron Range	1	-	-	-	-	3	-	4	41	-
Duluth, Winnepeg & Pacific	1	-	-	-	-	-	-	1	1	-
Elgin, Joliet & Eastern	-	5	-	4	2	4	-	15	5	-
Florida East Coast	-	-	-	-	-	5	-	5	54	-
Grand Trunk Western	7	-	-	-	4	14	-	25	56	-
Green Bay and Western	-	-	-	1	-	-	-	1	-	-

NUMBER & KINDS OF INTERLOCKINGS IN SERVICE
JANUARY 1, 1986

RAILROAD	AUTO	ELEC	ELEC PNEU	ELEC MECH	MECH	REMOTE CONTROL INTERLOCKINGS		TOTAL	TRAFFIC CONTROL POINTS	
						ELEC	ELEC PNEU		ELEC	ELEC PNEU
Houston Belt Terminal	-	-	-	-	-	8	-	8	11	-
Illinois Central Gulf	22	6	-	11	6	19	-	64	135	-
Indiana Harbor Belt	1	3	-	-	3	9	-	15	-	-
Kansas City Southern	6	3	-	-	-	-	-	9	133	-
Kansas City Terminal	-	-	-	-	-	9	10	-	-	-
Lake Superior & Ishpeming	1	-	-	-	-	-	-	1	-	-
Long Island	-	6	11	-	-	7	1	25	11	1
Los Angeles Union Passenger Terminal	-	-	1	-	-	-	-	1	-	-
Louisiana & Arkansas	2	-	-	-	-	1	-	3	15	-
Maine Central	2	2	-	-	-	2	-	6	21	-
Metro-North Commuter RR.	-	23	-	-	-	11	-	34	21	-
Meridian & Bigbee	-	1	-	-	-	-	-	1	-	-
Missouri-Kansas-Texas	21	1	2	2	-	4	-	30	37	-
Missouri Pacific	51	14	1	2	9	19	-	96	724	-
Municipal Bridge RY of St. Louis	-	1	-	-	-	2	-	3	2	-
National RR. Passenger Corp.	-	25	45	2	-	47	21	140	12	-
Newburgh & South Shore	-	1	-	-	-	-	-	1	-	-
New Jersey Transit Rail Operations	1	4	2	6	3	1	-	17	41	1
New Orleans Public Belt	2	-	-	-	-	-	-	2	-	-
New Orleans Union Passenger Terminal	-	1	-	-	-	5	-	6	-	-
Norfolk & Portsmouth Belt	-	1	-	-	-	-	-	1	-	-
Norfolk & Western	34	15	5	5	-	45	12	116	757	188
Northeast Illinois RR. Corp.	-	2	-	6	-	2	-	10	6	-
Northwestern Pacific	-	-	-	-	2	-	-	2	-	-
Oklahoma, Kansas & Texas	9	-	-	-	-	-	-	9	-	-
Paducah & Illinois	-	-	-	-	-	-	-	-	7	-
Peoria & Pekin Union	-	1	-	-	-	-	-	1	6	-
Pittsburgh & Lake Erie	-	-	-	-	-	33	-	33	6	1
Port Authority Trans Hudson	6	-	1	-	-	2	4	13	-	-
Portland Terminal (Maine)	-	1	-	-	-	6	-	7	3	-
Portland Terminal (Oregon)	-	1	-	-	-	-	-	1	-	-

NUMBER & KINDS OF INTERLOCKINGS IN SERVICE
JANUARY 1, 1986

RAILROAD	AUTO	ELEC	ELEC			REMOTE CONTROL INTERLOCKINGS		TOTAL	TRAFFIC CONTROL POINTS		
			PNEU	MECH	MECH	ELEC	ELEC PNEU		ELEC	PNEU	
Port Terminal Houston	-	-	-	-	-	-	-	-	-	7	
Prairie Trunk RY	2	-	-	-	-	-	-	2	-	-	
Richmond, Fredericksburg & Potomac	-	-	-	-	-	-	-	-	7	13	
River Terminal RY	-	1	-	-	-	-	-	1	-	-	
San Diego & Imperial Valley	5	-	-	-	-	-	-	5	-	-	
Seaboard System Railroad	70	27	5	2	19	68	5	196	1,398	25	
St. Louis Merchant Bridge Terminal RY	-	-	1	-	-	-	-	1	6	-	
St. Louis Southwestern	16	2	-	-	2	1	-	21	149	-	
Soo Line	38	7	1	-	5	29	1	81	191	-	
Southeastern Penn. Trans. Authority	-	2	7	-	-	20	4	33	10	-	
Southern Railway System	30	11	-	1	-	15	-	57	456	-	
Southern Illinois & Missouri Bridge Co.	-	-	-	-	-	1	-	1	-	-	
Southern Pacific	26	28	7	2	23	28	-	114	901	-	
Staten Island RR	-	1	-	-	-	-	-	1	-	-	
Staten Island Rapid Transit	-	-	-	-	-	2	-	2	-	-	
Terminal RR. Association of St. Louis	-	1	1	-	-	2	-	4	-	1	
Tuscola & Saginaw Bay	3	-	-	-	-	-	-	3	-	-	
Union Railroad	-	-	-	-	-	2	5	7	-	-	
Union Pacific	23	15	1	-	1	38	-	78	964	-	
Western Maryland	1	-	1	1	-	2	-	5	1	10	
January 1, 1986	TOTALS	645	396	142	89	113	790	90	2,280	10,809	322
January 1, 1985	TOTALS	665	412	150	102	122	820	90	2,361	10,661	314

AUTOMATIC TRAIN STOP, TRAIN CONTROL AND CAB SIGNALS IN SERVICE ON JANUARY 1, 1986

RAILROAD	TRAIN STOP			CAB SIGNALS			TRAIN STOP			TRAIN CONTROL			TRAIN CONTROL		
	ROAD TRACK			ROAD TRACK			CAB SIGNALS			ROAD TRACK			ROAD TRACK		
	MILES	MILES	LOC	MILES	MILES	LOC	MILES	MILES	LOC	MILES	MILES	LOC	MILES	MILES	LOC
Atchison, Topeka and Santa Fe	1,334	1,842	36(1)	-	-	-	-	-	-	-	-	-	-	-	-
Boston and Maine	-	-	-	-	-	-	-	-	-	36	72	46(2)	-	-	-
Burlington Northern	-	-	-	36	108	25	-	-	-	-	-	-	-	-	-
Chicago and North Western	112	250	13	-	-	-	-	-	-	478	934	157	-	-	303(3)
Consolidated Rail Corporation	-	-	-	609	1,268	1,710	-	-	6	-	-	-	-	-	-
Chicago Central & Pacific	-	-	-	-	-	-	95	95	36	-	-	-	-	-	-
Delaware and Hudson	-	-	-	-	-	9	-	-	-	-	-	-	-	-	-
Illinois Central Gulf	-	-	-	-	-	-	122	244	271	-	-	-	-	-	-
Long Island	-	-	-	-	-	-	-	-	-	125	254	916(4)	-	-	-
Metro North Commuter RR	-	-	-	-	-	-	-	-	20	-	-	-	67	251	621(5)
National RR Pass. Corp.	-	-	22	476	1,363	34(6)	-	-	-	-	-	-	-	-	285(7)
New Jersey Transit Rail Operations	-	-	-	39	83	-	-	-	320(8)	-	-	49	-	-	-
Northeast Illinois RR Corp.	-	-	-	-	-	-	-	-	-	26	51	38(6)	-	-	-
Port Authority Trans Hudson	15	30	298(9)	-	-	-	-	-	-	-	-	-	-	-	-
Providence & Worcester RR Co.	-	-	-	-	-	7	-	-	-	-	-	-	-	-	-
Richmond, Fredericksburg & Potomac	-	-	-	-	-	-	-	-	-	109	222	23	-	-	-
Southeastern Penn. Trans. Auth.	-	-	-	7	7	3(10)	-	-	311(11)	-	-	-	-	-	-
Union Pacific	-	-	-	1,481	2,276	19	-	-	1,332	-	-	-	-	-	-
January 1, 1986 TOTALS	1,461	2,122	369	2,648	5,105	1,807	217	339	2,260	774	1,533	1,229	67	251	1,209
January 1, 1985 TOTALS	1,461	2,122	375	2,615	5,460	1,821	217	339	2,252	779	1,544	1,457	0	0	1,126

- (1) Includes 28 AMTRAK locomotives
- (2) Includes 8 motor cars
- (3) Includes 66 passenger cars with controls
- (4) Includes 833 motor cars
- (5) Includes 601 motor cars
- (6) Includes 22 motor cars
- (7) Includes 25 motor cars
- (8) Includes 300 motor cars and 20 push-pull control cars
- (9) Motor cars only
- (10) Motor cars only
- (11) Motor cars only

ANNUAL REPORT
METHODS OF TRAIN OPERATION
AS OF JANUARY 1, 1987

Department of Transportation
Federal Railroad Administration
Office of Safety

METHOD OF TRAIN OPERATION ON JANUARY 1, 1987

RAILROAD	TRAFFIC CONTROL		AUTOMATIC		BLOCK		NONAUTOMATIC		TOTAL		TIMETABLE		TOTAL	
	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES
Aberdeen and Rockfish	-	-	-	-	-	-	-	-	-	-	47	47	47	
Alexander	-	-	-	-	-	-	-	-	-	-	19	19	19	
Alton & Southern	-	-	-	-	-	22	22	-	-	22	22	-	-	22
Ann Arbor	15	15	1	1	-	-	-	-	16	16	30	30	46	
Apalachicola Northern RR	-	-	-	-	-	-	-	-	-	-	96	96	96	
Arcade and Attica Railroad	-	-	-	-	-	-	-	-	-	-	15	15	15	
Arkansas & Memphis RY Bridge & Term	3	6	-	-	-	-	-	-	3	6	-	-	6	
Arkansas & Missouri Railroad	1.6	1.6	1.4	1.4	0	0	-	-	3	3	135	135	138	
Aroostook Valley	-	-	-	-	-	-	-	-	-	-	8	8	8	
Atchison, Topeka & Santa Fe	3,626	4,766	1,657	2,288	-	-	-	-	5,283	7,050	5,975	5,975	13,029	
Atlanta & St. Andrews Bay	-	-	-	-	-	-	-	-	-	-	88	88	88	
Atlantic and Western	-	-	-	-	-	3	3	-	3	3	-	-	3	
Baltimore & Ohio	1,176	1,506	867	1,449	2,180	2,229	-	-	4,223	5,184	164	164	5,348	
Baltimore & Ohio Chicago Terminal	2	2	38	74	109	115	-	-	149	191	0	0	191	
Bangor & Aroostook	-	-	6	6	-	-	-	-	6	6	436	436	442	
Batten Kill Railroad	-	-	-	-	-	-	-	-	-	-	37	37	37	
Beaufort - Morehead	-	-	-	-	-	-	-	-	-	-	6	6	6	
Belfast & Moosehead Lake	-	-	-	-	-	-	-	-	-	-	33	33	33	
Belt Railway of Chicago	-	-	16	28	11	25	-	-	27	53	-	-	53	
Berlin Mills Railway	-	-	-	-	11	11	-	-	11	11	-	-	11	
Bessemer & Lake Erie	133	173	-	-	-	-	-	-	131	173	56	58	231	
Boston & Maine	335	387	62	111	-	-	-	-	397	498	563	566	1,064	
Burlington Northern	7,520	8,551	3,496	4,381	-	-	-	-	11,016	12,932	14,523	14,823	27,755	
Camas Prairie	-	-	-	-	-	-	-	-	-	-	246	246	246	
Canadian National	1	2	-	-	-	-	-	-	1	2	-	-	2	
Canadian Pacific	-	-	256	256	56	56	-	-	312	312	-	-	312	
Central California Traction Co.	-	-	-	-	-	-	-	-	-	-	46	46	46	
Central Vermont	-	-	21	21	-	-	-	-	21	21	303	303	324	
Chesapeake & Ohio	1,865	2,372	270	361	1,365	1,365	-	-	3,500	4,098	46	46	4,144	
Chicago & Illinois Midland	-	-	-	-	-	-	-	-	-	-	96	96	96	
Chicago & North Western	586	711	1,505	2,139	-	-	-	-	2,091	2,850	3,642	3,642	6,492	
Chicago Central and Pacific	149	149	141	154	284	284	-	-	574	587	511	524	1,111	
Chicago, South Shore & South Bend	-	-	70	84	-	-	-	-	70	84	1	1	85	
Chicago & Western Indiana	4	8	-	-	8	8	-	-	12	16	-	-	16	
C&J Railroad Investment Company	-	-	-	-	-	-	-	-	-	-	30	30	30	
Clarendon and Pittsford	-	-	-	-	-	-	-	-	-	-	22	22	22	

METHOD OF TRAIN OPERATION ON JANUARY 1, 1987

RAILROAD	TRAFFIC CONTROL		AUTOMATIC BLOCK		NONAUTOMATIC BLOCK SIGNALS		TOTAL BLOCK SIGNALS		TIMETABLE TRAIN ORDERS		TOTAL TRACK MILES OPERATED ALL SYSTEMS
	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	
Colleton County	-	-	-	-	-	-	-	-	28	28	28
Copper Basin Railway, Inc.	-	-	-	-	54	54	54	54	-	-	54
Conemaugh & Black Lick	-	-	-	-	1	1	1	1	-	-	1
Consolidated Rail Corporation	3,744	5,759	1,675	3,081	5,153	5,304	10,572	14,144	-	-	14,144
Crab Orchard and Egyptian	-	-	-	-	-	-	-	-	8	10	10
Danville and Mt. Morris	-	-	-	-	9	18	-	-	-	-	18
Delaware & Hudson	340	409	14	14	221	268	575	691	221	268	959
Denver & Rio Grande Western	907	977	73	73	406	406	1,386	1,456	-	-	1,456
Denver Union Terminal	-	3	-	-	-	-	-	3	-	-	3
Detroit & Mackinac	-	-	-	-	-	-	-	-	397	397	397
Duluth, Missabe & Iron Range	81	97	48	57	25	25	154	179	124	124	303
Duluth, Winnepeg & Pacific	9	9	2	2	-	-	11	11	144	192	203
Elgin, Joliet & Eastern	7	9	120	176	-	-	127	185	125	171	356
Florida Central	-	-	-	-	58	58	58	58	-	-	58
Florida East Coast	316	476	23	42	128	128	467	646	-	-	646
Galveston, Houston & Henderson	-	-	10	10	-	-	-	-	30	30	40
Genesee and Wyoming Railroad	-	-	-	-	34	68	-	68	-	-	68
Georgia Eastern	-	-	-	-	-	-	-	-	18	18	18
Grafton & Upton Railroad	-	-	-	-	-	-	-	-	15	15	15
Grand Trunk Western	213	232	258	503	9	9	480	744	560	574	1,318
Green Bay & Western	-	-	-	-	-	-	-	-	260	260	260
Green Mountain	-	-	-	-	-	-	-	-	50	50	50
Greenville and Northern	-	-	-	-	11	11	-	-	-	-	11
Hampton and Branchville	-	-	-	-	-	-	-	-	17	17	17
Hartwell	-	-	-	-	-	-	-	-	10	10	10
High Point, Thomasville and Denton	-	-	-	-	-	-	-	-	34	34	34
Houston Belt Terminal	8	12	16	20	13	13	37	45	-	-	45
Illinois Central Gulf	618	735	1,347	1,981	5	5	1,970	2,721	1,604	1,616	4,337
Indiana Harbor Belt	22	36	19	37	-	-	41	73	-	-	73
Kansas City Southern	728	729	6	9	-	-	734	738	47	47	785
Kansas City Terminal	-	-	7	20	-	-	7	20	-	-	20
Lake Superior & Ishpeming	14	14	-	-	49	49	63	63	-	-	63
Lamoille Valley	-	-	-	-	-	-	-	-	128	128	128
Lancaster and Chester	-	-	-	-	-	-	-	-	29	29	29

METHOD OF TRAIN OPERATION ON January 1, 1987

RAILROAD	TRAFFIC	CONTROL	AUTOMATIC	BLOCK	NONAUTOMATIC		TOTAL		TIMETABLE		TOTAL
	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	SIGNALS MILES	TRAIN MILES	ORDERS MILES	TRACK MILES OPERATED ALL SYSTEMS
Long Island	90	175	77	162	147	147	314	484	-	-	484
Los Angeles Junction Railway Co.	-	-	1	1	-	-	1	1	-	-	1
Louisiana & Arkansas Ry	168	168	66	66	-	-	234	234	438	438	6/2
Louisiana & North West	-	-	-	-	-	-	-	-	62	62	62
Magma Arizona	-	-	-	-	-	-	-	-	29	29	29
Maine Central	67	80	93	93	-	-	160	173	507	507	680
McCloud River Railroad	-	-	-	-	-	-	-	-	135	146	146
Meridian & Bigbee	-	-	-	-	-	-	-	-	50	55	55
Metro North Commuter Railroad	170	486	29	91	73	73	272	656	-	-	656
Middletown & New Jersey	-	-	-	-	-	-	-	-	15	15	15
Mississippi Export Railroad	-	-	-	-	-	-	-	-	38	38	38
Missouri-Kansas-Texas	137	137	627	627	985	985	1,749	1,749	1,612	1,612	3,361
Missouri Pacific	3,603	4,041	1,910	1,986	-	-	5,513	6,027	4,343	4,368	10,395
M & M Railway (CN)	44	44	-	-	-	-	-	-	-	-	44
Monongahela Railway Company	-	-	-	-	-	-	-	-	136	145	145
Montana Western	-	-	-	-	-	-	-	-	52	52	52
Municipal Bridge Ry of St. Louis	3	3	3	7	-	-	6	10	-	-	10
National RR. Passenger Corporation	446	664	570	1,202	111	298	1,127	2,164	73	79	2,243
New Jersey Transit Rail Operations	149	207	146	279	3	3	298	489	-	-	489
New Orleans Public Belt	-	-	14	28	10	21	24	49	-	-	49
Norfolk & Western	3,567	4,193	872	1,511	1,569	1,598	6,008	7,302	1,183	1,189	8,491
Northeast Illinois RR. Corp.	34	59	15	22	-	-	49	81	6	12	93
Northwestern Pacific	-	-	-	-	-	-	-	-	120	120	120
Oklahoma, Kansas & Texas	-	-	-	-	-	-	-	-	573	5/3	5/3
Ontario Central	-	-	-	-	13	13	-	13	-	-	13
Puducuh & Illinois	15	15	-	-	-	-	15	15	-	-	15
Peoria & Pekin Union	8	16	8	15	-	-	16	31	-	-	31
Pickens	-	-	-	-	-	-	-	-	10	10	10
Pittsburgh, Chariters & Youghiogheny	-	-	-	-	-	-	-	-	-	14	14
Pittsburgh & Lake Erie	139	200	15	28	-	-	154	228	-	-	228
Pittsburgh & Shawmut	-	-	-	-	-	-	-	-	88	88	88
Port Authority Trans Hudson	-	-	15	30	-	-	15	30	-	-	30
Portland Terminal (Maine)	8	11	7	9	-	-	15	20	1	1	22

METHOD OF TRAIN OPERATION ON JANUARY 1, 1987

RAILROAD	TRAFFIC CONTROL		AUTOMATIC BLOCK		NONAUTOMATIC BLOCK SIGNALS		TOTAL BLOCK SIGNALS		TIMETABLE TRAIN ORDERS		TOTAL TRACK MILES OPERATED ALL SYSTEMS	
	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES		
Portland Terminal (Oregon)	-	-	1	1	-	-	1	1	-	-	1	
Port of Tillamook Bay	-	-	-	-	-	-	-	-	93	93	93	
Port Terminal Houston	8	9	-	-	-	-	8	9	-	-	9	
Prairie Trunk Railway	-	-	-	-	176	176	176	176	-	-	176	
Rarus Railway Company	-	-	-	-	-	-	-	-	26	26	26	
Richmond, Fredericksburg & Potomac	109	227	-	-	11	11	120	238	-	-	238	
Sacramento Northern	-	-	1	1	-	-	1	1	111	111	112	
Salt Lake, Garfield & Western	15	15	-	-	15	15	30	30	15	15	45	
San Diego & Imperial Valley	-	-	28	36	87	89	115	125	17	17	142	
San Manual Arizona	-	-	-	-	-	-	-	-	29	29	29	
Seaboard System Railroad	5,814	6,558	1,050	1,258	6,760	6,760	13,624	14,576	309	309	14,885	
Sierra Railroad Company	-	-	-	-	-	-	-	-	49	49	49	
St. Louis Merchants Bridge Term.	7	14	1	3	6,760	6,760	8	17	-	-	17	
St. Louis Southwestern	699	714	475	475	407	407	1,581	1,596	252	252	1,848	
Somerset RR. Corp.	-	-	-	-	17	17	17	17	-	-	17	
Soo Line	872	1,037	511	872	2,567	2,592	3,950	4,501	2,366	2,396	6,897	
Southeastern Penn. Trans. Auth.	40	72	69	131	-	-	109	203	12	12	215	
Southern Railway System	2,012	2,764	2,104	2,166	13	21	4,129	4,951	5,613	5,566	10,517	
Southern Illinois & Missouri Bridge	5	9	-	-	-	-	5	9	-	-	9	
Southern Pacific	3,149	3,189	3,025	3,674	-	-	6,174	6,863	648	648	7,511	
Spokane International	-	-	-	-	-	-	-	-	138	138	138	
Staten Island Rapid Transit	-	-	29	29	-	-	29	29	-	-	29	
Terminal RR. Association of St. Louis	8	15	6	10	34	48	48	73	-	-	73	
The Bloomer Line	-	-	-	-	-	-	-	-	36	36	36	
Trona Railway	-	-	-	-	-	-	-	-	31	31	31	
Tuscola & Saginaw Bay	-	-	-	-	-	-	-	-	467	467	467	
Tuscon Cornelia & Gila Bend	-	-	-	-	-	-	-	-	43	43	43	
Union Railroad	-	-	15	30	-	-	15	30	-	-	30	
Union Pacific Railroad	3,695	4,484	1,446	1,926	-	-	5,141	6,410	3,520	3,520	9,930	
Utah Railway	21	21	5	5	-	-	26	26	27	27	53	
Valdosta Southern	-	-	-	-	10	10	-	10	-	-	10	
Washington Central	-	-	84	84	84	84	168	168	-	-	168	
Western Maryland	9	12	18	25	-	-	27	37	401	405	442	
Winston-Salem Southbound	-	-	-	-	-	-	-	-	88	88	88	
Youngstown & Southern	-	-	-	-	-	-	-	-	49	49	49	
January 1, 1986-1987	Totals	47,533	57,786	25,361	34,268	23,317	23,903	96,211	116,957	54,839	55,391	171,348
January 1, 1987-1986	Totals	47,296	57,460	25,865	35,176	12,528	12,646	85,689	105,312	68,821	69,420	174,732

NUMBER & KINDS OF INTERLOCKINGS IN SERVICE
JANUARY 1, 1987

RAILROAD	AUTO	ELEC	REMOTE CONTROL INTERLOCKINGS			TRAFFIC CONTROL POINTS		TOTAL	ELEC	ELEC PNEU
			ELEC PNEU	ELEC MECH	MECH	ELEC	PNEU			
Alton & Southern	3	-	-	-	-	-	-	3	-	-
Ann Arbor	1	1	-	-	-	-	-	2	1	-
Arkansas & Memphis RY Bridge & Terminal	-	-	-	-	-	2	-	2	-	-
Arkansas & Missouri	-	-	-	-	-	2	-	2	-	-
Atchison, Topeka and Santa Fe	26	10	-	-	1	21	-	58	948	-
Baltimore and Ohio	23	44	4	4	17	62	-	154	197	-
Baltimore and Ohio Chicago Terminal	8	5	1	1	1	1	-	17	-	-
Belt Railway of Chicago	-	0	1	-	-	5	1	7	-	-
Bessemer & Lake Erie	-	-	-	-	-	-	-	-	17	10
Boston and Maine	-	-	1	-	-	-	-	1	83	-
Burlington Northern	98	31	-	2	4	59	-	194	1,750	-
Canadian National	-	2	-	-	-	-	-	2	2	-
Central Vermont	-	-	-	-	-	3	-	3	-	-
Chesapeake and Ohio	18	17	5	1	1	25	3	70	557	6
Chicago & Illinois Midland	-	1	-	-	-	-	-	1	-	-
Chicago and North Western	28	18	-	-	3	27	-	76	77	-
Chicago Central and Pacific	4	3	-	-	1	3	-	11	29	-
Chicago South Shore & South Bend	1	-	-	-	-	-	-	1	-	-
Chicago Union Station	1	2	-	-	-	-	-	3	-	-
Chicago & Western Indiana	-	-	-	-	1	4	-	5	-	-
Conemaugh & Black Lick	-	-	-	-	-	1	-	1	-	-
Consolidated Rail Corporation	46	32	27	28	3	118	21	275	621	52
Dade County Florida	-	1	-	-	-	-	-	1	-	-
Delaware and Hudson	-	-	-	-	-	6	-	6	60	-
Denver & Rio Grande Western	1	-	-	-	-	6	-	7	284	-
Denver Union Terminal	-	-	-	-	-	2	-	2	1	-
Duluth, Missabe & Iron Range	1	-	-	-	-	3	-	4	41	-
Duluth, Winnepeg & Pacific	1	-	-	-	-	-	-	1	1	-
Elgin, Joliet & Eastern	-	5	-	4	2	4	-	15	5	-
Florida East Coast	-	-	-	-	-	5	-	5	53	-
Grand Trunk Western	7	-	-	-	4	14	-	25	56	-
Green Bay and Western	-	-	-	1	-	-	-	1	-	-

NUMBER & KINDS OF INTERLOCKINGS IN SERVICE
JANUARY 1, 1987

RAILROAD	AUTO	ELEC	ELEC			REMOTE CONTROL INTERLOCKINGS		TOTAL	TRAFFIC CONTROL POINTS	
			PNEU	MECH	MECH	ELEC	ELEC PNEU		ELEC	PNEU
Houston Belt Terminal	-	-	-	-	-	8	-	8	13	-
Illinois Central Gulf	23	6	-	9	5	18	-	61	119	-
Indiana Harbor Belt	1	2	-	-	3	11	-	17	-	-
Kansas City Southern	6	3	-	-	-	-	-	9	134	-
Kansas City Terminal	-	-	-	-	-	1	9	10	-	-
Lake Superior & Ishpeming	1	-	-	-	-	-	-	1	-	-
Long Island	-	6	11	-	-	7	1	25	11	1
Los Angeles Union Passenger Terminal	-	-	1	-	-	-	-	1	-	-
Louisiana & Arkansas	2	-	-	-	-	1	-	3	24	-
Maine Central	2	2	-	-	-	2	-	6	21	-
Metro-North Commuter RR.	-	23	-	-	-	11	-	34	21	-
Meridian & Bigbee	-	1	-	-	-	-	-	1	-	-
Missouri-Kansas-Texas	21	1	2	2	-	5	-	31	37	-
Missouri Pacific	51	14	1	2	9	19	-	96	724	-
M & M Railway (CN)	-	-	-	-	-	-	-	-	12	-
Municipal Bridge RY of St. Louis	-	1	-	-	-	2	-	3	2	-
National RR. Passenger Corp.	2	26	47	7	-	57	21	153	12	-
Newburgh & South Shore	-	1	-	-	-	-	-	1	-	-
New Jersey Transit Rail Operations	1	4	1	6	2	1	-	15	43	-
New Orleans Public Belt	2	-	-	-	-	-	-	2	-	-
New Orleans Union Passenger Terminal	-	1	-	-	-	5	-	6	-	-
Norfolk & Portsmouth Belt	-	1	-	-	-	-	-	1	-	-
Norfolk & Western	33	12	4	5	-	46	13	113	761	188
Northeast Illinois RR. Corp.	-	3	-	5	-	2	-	10	6	-
Northwestern Pacific	-	-	-	-	2	-	-	2	-	-
Oklahoma, Kansas & Texas	9	-	-	-	-	-	-	9	-	-
Paducah & Illinois	-	-	-	-	-	-	-	-	7	-
Peoria & Pekin Union	-	1	-	-	-	-	-	1	6	-
Pittsburgh & Lake Erie	-	-	-	-	-	33	-	33	6	1
Port Authority Trans Hudson	6	-	1	-	-	2	5	14	-	-
Portland Terminal (Maine)	-	1	-	-	-	6	-	7	3	-
Portland Terminal (Oregon)	-	1	-	-	-	-	-	1	-	-

NUMBER & KINDS OF INTERLOCKINGS IN SERVICE
JANUARY 1, 1986

RAILROAD	AUTO	ELEC	ELEC			REMOTE CONTROL INTERLOCKINGS		TOTAL	TRAFFIC CONTROL POINTS		
			PNEU	ELEC MECH	MECH	ELEC	PNEU		ELEC	PNEU	
Port Terminal Houston	-	-	-	-	-	-	-	-	-	7	
Prairie Trunk RY	2	-	-	-	-	-	-	2	-	-	
Richmond, Fredericksburg & Potomac	-	-	-	-	-	-	-	-	7	12	
River Terminal RY	-	1	-	-	-	-	-	1	-	-	
Salt Lake, Garfield & Western	7	-	-	1	-	-	-	8	-	-	
San Diego & Imperial Valley	5	-	-	-	-	-	-	5	-	-	
Seaboard System Railroad	68	28	5	1	19	54	5	180	1,376	25	
St. Louis Merchant Bridge Terminal RY	-	-	1	-	-	-	-	1	6	-	
St. Louis Southwestern	16	2	-	-	2	1	-	21	149	-	
Soo Line	32	5	1	2	3	25	1	69	211	1	
Southeastern Penn. Trans. Authority	-	2	7	-	-	20	4	33	10	-	
Southern Railway System	31	11	-	1	-	19	-	62	456	-	
Southern Illinois & Missouri Bridge Co.	-	-	-	-	-	1	-	1	-	-	
Southern Pacific	26	28	7	2	23	28	-	111	901	-	
Staten Island RR	-	1	-	-	-	-	-	1	-	-	
Staten Island Rapid Transit	-	-	-	-	-	2	-	2	-	-	
Terminal RR. Association of St. Louis	-	1	1	-	-	2	-	4	7	1	
Tuscola & Saginaw Bay	3	-	-	-	-	-	-	3	-	-	
Union Railroad	-	-	-	-	-	2	6	8	-	-	
Union Pacific	23	15	1	-	1	38	-	78	964	-	
Washington Central	105	-	-	-	-	-	-	105	-	-	
Western Maryland	1	-	1	1	-	2	-	5	1	10	
January 1, 1986	Totals	645	396	142	89	113	790	90	2,200	10,809	322
January 1, 1987	Totals	730	371	131	98	104	811	90	2,335	10,884	314

AUTOMATIC TRAIN STOP, TRAIN CONTROL AND CAB SIGNALS IN SERVICE ON JANUARY 1, 1987

RAILROAD	TRAIN STOP			CAB SIGNALS			TRAIN STOP			TRAIN CONTROL			TRAIN CONTROL			
	ROAD	TRACK	LOC	ROAD	TRACK	LOC	ROAD	TRACK	LOC	ROAD	TRACK	LOC	ROAD	TRACK	LOC	
	MILES	MILES		MILES	MILES		MILES	MILES		MILES	MILES		MILES	MILES		
Atchison, Topeka and Santa Fe	1,284	1,782	37(1)	-	-	-	-	-	-	-	-	-	-	-	-	
Burlington Northern	-	-	-	36	108	25	-	-	-	-	-	-	-	-	-	
Chicago and North Western	112	250	12	-	-	-	-	-	-	478	934	130	-	-	293(2)	
Consolidated Rail Corporation	-	-	-	625	1,223	1,635	-	-	8	-	-	-	-	-	-	
Chicago Central & Pacific	-	-	-	-	-	-	95	95	36	-	-	-	-	-	-	
Delaware and Hudson	-	-	-	-	-	18	-	-	-	-	-	-	-	-	-	
Illinois Central Gulf	-	-	-	-	-	-	122	244	271	-	-	-	-	-	-	
Long Island	-	-	-	-	-	-	-	-	-	125	258	1,023	-	-	-	
Metro North Commuter RR	-	-	-	41	101	-	-	-	21	-	-	-	67	251	650(4)	
National RR Pass. Corp.	-	-	29	365	932	37	-	-	-	36	72	295(6)	96	346	-	
New Jersey Transit Rail Operations	-	-	-	39	83	-	-	-	320(7)	-	-	49	-	-	-	
Northeast Illinois RR Corp.	-	-	-	-	-	-	-	-	-	26	51	39(5)	-	-	-	
Port Authority Trans Hudson	15	30	298(8)	-	-	-	-	-	-	-	-	-	-	-	-	
Providence & Worcester RR Co.	-	-	-	-	-	7	-	-	-	-	-	-	-	-	-	
Richmond, Fredericksburg & Potomac	-	-	-	-	-	-	-	-	-	109	222	23	-	-	-	
Southeastern Penn. Trans. Auth.	-	-	-	12	17	3(9)	-	-	333(10)	-	-	-	-	-	-	
Union Pacific	-	-	-	1,519	2,316	19	-	-	1,232	-	-	-	-	-	-	
January 1, 1986	Totals	1,461	2,122	369	2,648	5,105	1,807	217	339	2,260	744	1,533	1,229	67	251	1,209
January 1, 1987	Totals	1,409	2,062	376	2,637	4,780	1,744	217	339	2,117	744	1,538	1,560	163	597	946

- (1) Includes 29 AMTRAK locomotives
- (2) Includes 68 passenger cars with controls
- (3) Includes 935 motor cars
- (4) Includes 630 motor cars
- (5) Includes 23 motor cars
- (6) Includes 8 motor cars
- (7) Includes 300 motor cars and 20 push-pull control cars
- (8) Motor cars only
- (9) Motor cars only
- (10) Motor cars only

ANNUAL REPORT
METHODS OF TRAIN OPERATION
AS OF JANUARY 1, 1989

Department of Transportation
Federal Railroad Administration
Office of Safety

METHOD OF TRAIN OPERATION ON JANUARY 1, 1989

RAILROAD	TRAFFIC CONTROL		AUTOMATIC		NONAUTOMATIC		TOTAL BLOCK SIGS		TIMETABLE		TOTAL TRACK	
	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	TRAIN ROAD MILES	ORDERS TRACK MILES	MILES OPERATED	ALL SYSTEMS
ABERDEEN, CAROLINA & WESTERN RAILWAY	0	0	0	0	34	34	34	34	0	0	34	
ALLEGHENY RAILROAD	0	0	0	0	147	147	147	147	0	0	147	
ALTON & SOUTHERN RAILWAY	0	0	0	0	21	32	21	32	0	0	32	
AMADOR CENTRAL RAILROAD	0	0	0	0	0	0	0	0	12	12	12	
ANN ARBOR	15	15	1	1	0	0	16	16	30	30	46	
APALACHICOLA NORTHERN RR	0	0	0	0	0	0	0	0	96	96	96	
APPANOOSE COUNTY COMMUNITY RR	0	0	0	0	16	10	16	10	0	0	10	
ARCADE AND ATTICA RAILROAD	0	0	0	0	0	0	0	0	15	15	15	
ARKANSAS WESTERN	0	0	0	0	0	0	0	0	33	33	33	
AROOSTOCK VALLEY	0	0	0	0	0	0	0	0	8	8	8	
ATCHISON, TOPEKA & SANTA FE	3589	4722	1690	2329	5910	5910	11189	12961	0	0	12961	
ATLANTA & ST ANDREWS BAY	0	0	0	0	0	0	0	0	89	89	89	
AT&L RAILROAD CO.	0	0	0	0	0	0	0	0	48	48	48	
AUSTIN & NORTHWESTERN	0	0	0	0	0	0	0	0	163	163	163	
BALTIMORE AND ANNAPOLIS	0	0	0	0	0	0	0	0	6	6	6	
BALTIMORE AND OHIO CHICAGO TERMINAL	2	2	38	74	109	115	149	191	0	0	191	
BANGOR & AROOSTOCK	0	0	6	6	0	0	6	6	435	435	441	
BATTEN KILL RAILROAD	0	0	0	0	0	0	0	0	32	35	35	
BELFAST & MOOSEHEAD LAKE	0	0	0	0	0	0	0	0	33	33	33	
BELT RAILROAD OF CHICAGO	0	0	16	28	11	25	27	53	0	0	53	
BESSEMER & LAKE ERIE	131	166	0	0	0	0	131	166	56	58	224	
BLOOMER LINE	0	0	0	0	0	0	0	0	36	36	36	
BUFFALO AND PITTSBURGH	149	170	0	0	0	0	149	170	201	215	385	
BURLINGTON NORTHERN	7218	8251	3190	4045	0	0	10408	12296	12983	13256	25552	
CAMAS PRAIRIE	0	0	0	0	0	0	0	0	245	245	245	
CANADIAN PACIFIC	0	0	256	256	56	56	312	312	312	312	624	
CENTRAL CALIFORNIA TRACTION	0	0	0	0	0	0	0	0	46	46	46	
CENTRAL MICHIGAN	0	0	0	0	0	0	0	0	204	204	204	
CENTRAL MONTANA RAIL	0	0	0	0	87	87	87	87	0	0	87	
CENTRAL VERMONT	0	0	21	21	0	0	21	21	303	303	324	
CHICAGO, CENTRAL & PACIFIC	155	155	141	154	284	284	580	593	511	524	1117	
CHICAGO, MISSOURI AND WESTERN	212	212	25	30	0	0	237	242	352	417	659	
CHICAGO, SOUTH SHORE & SOUTH BEND	0	0	70	84	1	1	71	85	0	0	85	
CHICAGO & ILLINOIS MIDLAND	0	0	0	0	96	96	96	96	0	0	96	
CHICAGO & NORTH WESTERN	582	707	1367	1974	0	0	1949	2681	3132	3130	5811	
CIMARRON RIVER VALLEY RAILWAY	0	0	0	0	0	0	0	0	25	25	25	
CITY OF PRINEVILLE RAILWAY	0	0	0	0	28	28	28	28	0	0	28	
CLARENDON AND PITTSFORD	0	0	0	0	0	0	0	0	22	22	22	
COLUMBUS AND GREENVILLE	0	0	0	0	0	0	0	0	232	232	232	
CONEMAUGH & BLACK LICK RAILROAD	0	0	0	0	1	1	1	1	0	0	1	
CONSOLIDATED RAIL CORPORATION	3987	6100	1247	2799	4588	4653	9822	13552	0	0	13552	
CORINTH & COUNCE RAILROAD	0	0	0	0	16	16	16	16	0	0	16	
CSX TRANSPORTATION	8159	9732	2172	3038	9265	9304	19596	22074	213	213	22287	
DAKOTA, MINNESOTA & EASTERN	0	0	0	0	0	0	0	0	827	942	942	
DAKOTA RAIL, INC	0	0	0	0	44	44	44	44	0	0	44	
DANVILLE AND MT MORRIS	0	0	0	0	0	0	0	0	9	9	9	
DENVER & RIO GRANDE WESTERN	913	984	66	66	0	0	979	1050	406	406	1456	
DEQUEEN AND EASTERN RAILROAD	0	0	0	0	0	0	0	0	46	11	11	
DETROIT & MACKINAC	0	0	0	0	0	0	0	0	397	397	397	
DULUTH, MISSABE & IRON RANGE	81	89	47	47	17	17	145	153	138	140	293	
DULUTH, WINNEPEG & PACIFIC	9	9	2	2	0	0	11	11	144	192	203	
EASTERN SHORE RAILROAD	0	0	0	0	0	0	0	0	74	74	74	

METHOD OF TRAIN OPERATION ON JANUARY 1, 1989

RAILROAD	TRAFFIC CONTROL		AUTOMATIC		NONAUTOMATIC		TOTAL BLOCK SIGS		TIMETABLE		TOTAL TRACK MILES OPERATED ALL SYSTEMS
	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	BLOCK ROAD MILES	BLOCK TRACK MILES	ROAD MILES	TRACK MILES	TRAIN ROAD MILES	ORDERS TRACK MILES	
EL DORADO & WESTERN RAILWAY	0	0	0	0	0	0	0	0	6	6	6
ELGIN, JOLIET & EASTERN	5	7	120	160	0	0	125	167	0	0	167
FERDINAND AND HUNTINGBURG	0	0	0	0	0	0	0	0	6	7	7
FLORIDA CENTRAL	0	0	0	0	58	58	58	58	0	0	58
FLORIDA EAST COAST	316	476	23	42	128	128	467	646	0	0	646
FLORIDA MIDLAND	0	0	0	0	29	29	29	29	0	0	29
FLORIDA NORTHERN	0	0	0	0	19	19	19	19	0	0	19
FORT SMITH AND VAN BUREN	0	0	0	0	0	0	0	0	21	21	21
GALVESTON, HOUSTON & HENDERSON	0	0	0	0	0	0	0	0	40	40	40
GARDEN CITY WESTERN RAILWAY	0	0	0	0	14	14	14	14	0	0	14
GENESEE AND WYOMING RAILROAD	0	0	0	0	0	0	0	0	34	34	34
GOLDEN TRIANGLE	0	0	0	0	0	0	0	0	9	9	9
GRAND TRUNK WESTERN	231	251	235	456	9	9	475	716	304	324	1040
GREAT RIVER	0	0	0	0	32	32	32	32	0	0	32
GREEN BAY & WESTERN	0	0	0	0	0	0	0	0	248	248	248
GREEN MOUNTAIN	0	0	0	0	0	0	0	0	50	50	50
GUILFORD TRANSPORTATION INDUSTRIES	348	407	63	115	0	0	411	522	353	353	875
HAMPTON & BRANCHVILLE	0	0	0	0	0	0	0	0	43	43	43
HOLLIS AND EASTERN	0	0	0	0	0	0	0	0	14	17	17
HOUSTON BELT TERMINAL	22	37	3	3	5	5	30	45	0	0	45
ILLINIOS CENTRAL GULF	376	468	944	1425	0	0	1320	1893	1210	1232	3125
INDIANA AND OHIO RAILROAD	0	0	0	0	0	0	0	0	26	31	31
INDIANA HARBOR BELT	22	36	19	37	0	0	41	73	0	0	73
INDIANA RAILROAD CO	0	0	0	0	0	0	0	0	109	109	109
INDIANA & OHIO CENTRAL RR	30	30	0	0	46	46	76	76	0	0	76
INDIANA & OHIO EASTERN RAILROAD	20	20	0	0	33	33	53	53	0	0	53
INDIANA & OHIO RAILWAY	0	0	0	0	0	0	0	0	22	27	27
IOWA NORTHERN RAILWAY CO	0	0	0	0	177	132	177	132	0	0	132
KANSAS CITY SOUTHERN	739	740	6	9	0	0	745	749	36	36	785
KANSAS CITY TERMINAL	0	0	4	5	0	0	4	5	0	0	5
KLAMATH NORTHERN	0	0	0	0	11	11	11	11	0	0	11
KIAMICHI RR	0	0	0	0	0	0	0	0	230	277	277
KYLE	0	0	0	0	421	421	421	421	0	0	421
LAKE SUPERIOR & ISHPEMIG	14	14	0	0	39	39	53	53	0	0	53
LANDISVILLE RAILROAD CO	0	0	0	0	0	0	0	0	3	3	3
LEWIS AND CLARK RAILWAY	0	0	0	0	0	0	0	0	30	30	30
LONG ISLAND	125	230	58	125	130	130	313	485	0	0	485
LOS ANGELES JUNCTION RY CO	0	0	1	1	0	0	1	1	0	0	1
LOUISIANA & ARKANSAS	168	168	66	66	0	0	234	234	438	438	672
LOUISIANA & NORTH WEST	0	0	0	0	0	0	0	0	62	62	62
LOUISVILLE, NEW ALBANY AND CORYDON	0	0	0	0	0	0	0	0	7	8	8
MAGMA ARIZONA	0	0	0	0	0	0	0	0	29	29	29
MARYLAND AND PENNSYLVANIA	0	0	0	0	0	0	0	0	26	26	26
MARYLAND MIDLAND	0	0	0	0	0	0	0	0	55	55	55
MC CLOUD RIVER RAILROAD	0	0	0	0	116	116	116	116	0	0	116
MERIDAN & BIGBEE RAILROAD	0	0	0	0	0	0	0	0	50	55	55
METRO NORTH COMMUTER RAILROAD	87	564	8	16	73	73	168	653	0	0	653
MIDDLETON & NEW JERSEY	0	0	0	0	0	0	0	0	15	15	15
MIDLOUISIANA RAIL	0	0	0	0	0	0	0	0	65	65	65
MIDSOUTH RAIL	0	0	0	0	0	0	0	0	418	418	418
MISSISSIPPI EXPORT RAILROAD	0	0	0	0	0	0	0	0	42	42	42
MISSISSIPPI & SKUNA VALLEY	0	0	0	0	0	0	0	0	21	21	21

METHOD OF TRAIN OPERATION ON JANUARY 1, 1989

RAILROAD	TRAFFIC CONTROL		AUTOMATIC		NONAUTOMATIC		TOTAL BLOCK SIGS		TIMETABLE		TOTAL TRACK	
	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	TRAIN ROAD MILES	ORDERS TRACK MILES	MILES OPERATED	ALL SYSTEMS
MISSOURI PACIFIC	3606	4047	1910	1986	0	0	5516	6033	3903	3928		9961
MISSOURI-KANSAS-TEXAS	174	174	594	594	0	0	768	768	2265	2265		3033
MONONGAHELA RAILWAY COMPANY	0	0	1	1	151	152	152	153	0	0		153
MONTANA RAIL LINK	316	321	129	146	206	206	651	673	79	79		752
MONTANA WESTERN	0	0	0	0	52	52	52	52	0	0		52
MOUNT VERNON TERMINAL RAILWAY	0	0	0	0	0	0	0	0	2	2		2
MUNICIPAL BRIDGE OF ST LOUIS	5	11	0	0	0	0	5	11	0	0		11
M&B RAILROAD	0	0	0	0	0	0	0	0	50	55		55
NATCHEZ TRACE	0	0	0	0	57	58	57	58	0	0		58
NATIONAL RR PASSENGER CORP	505	951	434	1082	0	0	939	2033	14	14		2047
NEW HOPE & IVYLAND	0	0	0	0	0	0	0	0	19	22		22
NEW JERSEY TRANSIT RAIL CORP	171	265	118	216	3	3	292	484	0	0		484
NEW ORLEANS PUBLIC BELT	14	28	10	21	0	0	24	49	0	0		49
NORFOLK & WESTERN	3590	4209	833	1352	1490	1519	5913	7080	969	975		8055
NORTHEAST ILLINOIS RR CORP	128	248	58	104	1	7	187	359	6	12		371
NORTHWESTERN PACIFIC	0	0	0	0	120	120	120	120	0	0		120
OREGON, CALIFORNIA AND EASTERN	0	0	0	0	0	0	0	0	64	64		64
OREGON PACIFIC & EASTERN RAILWAY	0	0	0	0	17	17	17	17	0	0		17
PADUCA & ILLINOIS	15	15	0	0	0	0	15	15	0	0		15
PADUCA & LOUISVILLE RAILWAY, INC	61	61	201	234	35	35	297	330	236	269		599
PEND OREILLE VALLEY RAILROAD	0	0	0	0	0	0	0	0	61	61		61
PEORIA & PEKIN UNION	8	16	8	15	0	0	16	31	0	0		31
PITTSBURG, CHARITERS & YOUGHIOGHENY	0	0	0	0	0	0	0	0	13	14		14
PITTSBURG & LAKE ERIE	139	142	15	28	0	0	154	170	0	0		170
PORT AUTHORITY TRANS HUDSON	0	0	15	30	0	0	15	30	0	0		30
PORT OF TILLAMOOK BAY	0	0	0	0	93	93	93	93	0	0		93
PORT TERMINAL HOUSTON	8	9	0	0	0	0	8	9	0	0		9
PORTLAND TERMINAL (OREGON)	0	0	0	0	1	2	1	2	0	0		2
RARUS RAILROAD	0	0	0	0	26	26	26	26	0	0		26
RED RIVER VALLEY AND WESTERN	5	5	60	60	602	602	667	667	0	0		667
RICHMOND, FREDRICKSBURG & POTOMAC	113	234	0	0	11	11	124	245	0	0		245
ROCHESTER & SOUTHERN	0	0	0	0	86	86	86	86	0	0		86
SALT LAKE GARFIELD AND WESTERN	0	0	0	0	0	0	0	0	18	18		18
SAN DIEGO & IMPERIAL VALLEY	0	0	28	36	87	89	115	125	17	17		142
SAN MANUEL ARIZONA	29	29	0	0	0	0	29	29	0	0		29
SEQUATCHIE VALLEY	0	0	0	0	0	0	0	0	39	39		39
SIERRA RAILROAD CO	0	0	0	0	0	0	0	0	49	49		49
SOMERSET RAILROAD CORP	0	0	0	0	17	17	17	17	0	0		17
SOO LINE	546	686	461	763	0	0	1007	1449	3232	3232		4681
SOUTHEASTERN PENN TRANS AUTH	41	82	68	131	0	0	109	213	12	12		225
SOUTHERN ILLINOIS & MISSOURI BRIDGE	5	9	0	0	0	0	5	9	0	0		9
SOUTHERN PACIFIC	2975	3118	2858	3410	2394	2394	8227	8922	359	359		9281
SOUTHERN RAILWAY SYSTEM	2094	2790	2045	2270	13	31	4152	5091	5069	5037		10128
SOUTHRAIL	26	26	0	0	0	0	26	26	706	706		732
SPENCERVILLE & ELGIN RAILROAD	30	30	0	0	0	0	30	30	0	0		30
ST LOUIS SOUTHWESTERN	684	697	553	564	459	459	1696	1720	198	198		1918
ST MARY'S	0	0	0	0	0	0	0	0	11	11		11
STRASBURG RAIL ROAD COMPANY	0	0	0	0	0	0	0	0	4	5		5
TENNESSEE SOUTHERN	0	0	0	0	0	0	0	0	116	116		116
TACOMA MUNICIPAL BELT LINE	0	0	0	0	0	0	0	0	26	26		26
TERMINAL RR ASSOCIATION OF ST LOUIS	8	15	6	11	34	46	48	72	0	0		72
TEXAS CENTRAL RAILROAD	0	0	0	0	0	0	0	0	25	25		25

METHOD OF TRAIN OPERATION ON JANUARY 1, 1989

RAILROAD	TRAFFIC CONTROL		AUTOMATIC		NONAUTOMATIC		TOTAL BLOCK SIGS		TIMETABLE		TOTAL TRACK MILES OPERATED ALL SYSTEMS	
	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	ROAD MILES	TRACK MILES	TRAIN ROAD MILES	ORDERS TRACK MILES		
TEXAS CITY TERMINAL RAILWAY	0	0	0	0	30	30	30	30	0	0	30	
TEXAS NORTH WESTERN RAILROAD CO	0	0	0	0	0	0	0	0	44	44	44	
TEXAS, OKLAHOMA AND EASTERN	0	0	0	0	0	0	0	0	40	11	11	
TRADEWATER	0	0	0	0	93	93	93	93	0	0	93	
TRANSKENTUCKY	0	0	0	0	0	0	0	0	50	50	50	
TUSCOLA & SAGINAW BAY	0	0	0	0	421	442	421	442	0	0	442	
UNION PACIFIC RAILROAD	3634	4423	1366	1844	0	0	5000	6267	3749	3751	10018	
UNION RAILROAD	0	0	10	17	0	0	10	17	0	0	17	
UTAH RAILROAD	21	21	5	5	0	0	0	26	27	27	53	
VALDOSTA SOUTHERN	0	0	0	0	10	10	10	10	0	0	10	
VERMONT RAILWAY	0	0	0	0	0	0	0	0	122	122	122	
WALKING HORSE & EASTERN	0	0	0	0	0	0	0	0	8	8	8	
WASHINGTON CENTRAL	0	0	40	40	285	285	325	325	0	0	325	
WASHINGTON COUNTY RAILROAD	0	0	0	0	0	0	0	0	13	13	13	
WEST VIRGINIA NORTHERN	0	0	0	0	0	0	0	0	11	11	11	
WISCONSIN CENTRAL LTD.	282	282	0	0	1605	1624	1887	1906	0	0	1906	
WYOMING COLORADO RAILROAD	0	0	0	0	0	0	0	0	118	124	124	
YOUNGTOWN & SOUTHERN	0	0	0	0	0	0	0	0	49	49	49	
JANUARY 1, 1989	TOTALS	46938	57706	23731	32374	30470	30664	101113	120744	47729	48363	169107
JANUARY 1, 1988	TOTALS	47316	57921	24797	33800	29275	29434	101388	121155	51774	52670	173825

NUMBER & KIND OF INTERLOCKINGS IN SERVICE
JANUARY 1, 1989

RAILROAD	AUTO	ELEC	ELEC			REMOTE CONTROL INTERLOCKINGS		TOTAL	TRAFFIC CONTROL POINTS	
			PNEU	MECH	MECH	ELEC	ELEC PNEU		ELEC	ELEC PNEU
ALTON & SOUTHERN	2	0	0	0	0	0	0	2	0	0
ANN ARBOR	1	1	0	0	0	0	0	2	1	0
ATCHISON, TOPEKA & SANTA FE	26	8	0	0	1	23	0	58	941	0
AUSTIN & NORTHWESTERN RAILROAD	0	0	0	1	0	0	0	1	0	0
BALTIMORE AND OHIO CHICAGO TERMINAL	3	2	0	1	3	5	0	14	0	0
BELT RAILROAD OF CHICAGO	0	0	1	0	0	5	1	7	0	0
BESSEMER & LAKE ERIE	0	0	0	0	0	0	0	0	21	4
BUFFALO AND PITTSBURGH	0	1	0	0	0	1	0	2	18	2
BURLINGTON NORTHERN	80	22	0	15	0	69	0	186	1711	0
CENTRAL MICHIGAN	2	0	0	0	0	0	0	2	0	0
CENTRAL VERMONT	0	0	0	0	0	3	0	3	1	0
CHICAGO & ILLINOIS MIDLAND	0	1	0	0	0	0	0	1	0	0
CHICAGO & NORTH WESTERN	23	12	0	0	2	36	0	73	74	0
CHICAGO CENTRAL & PACIFIC	3	3	0	0	1	3	0	10	33	0
CHICAGO, MISSOURI AND WESTERN	2	0	0	4	2	9	0	17	40	0
CHICAGO, SOUTH SHORE & SOUTH BEND	1	0	0	0	0	0	0	1	0	0
CONEMAUGH & BLACK LICK	0	0	0	0	0	1	0	1	0	0
CONSOLIDATED RAIL CORPORATION	39	18	16	24	1	64	13	175	660	58
CSX TRANSPORTATION	104	83	14	4	37	145	8	395	2024	31
DENVER & RIO GRANDE WESTERN	0	0	0	0	0	6	0	6	284	0
DULUTH, MISSABE & IRON RANGE	1	0	0	0	0	4	0	5	41	0
DULUTH, WINNEPEG & PACIFIC	1	0	0	0	0	0	0	1	1	0
ELGIN, JOLIET & EASTERN	0	5	0	4	2	3	0	14	4	0
FLORIDA EAST COAST	2	0	0	0	0	1	0	3	54	0
GRAND TRUNK WESTERN	5	3	0	0	1	17	0	26	55	0
GUILFORD TRANSPORTATION INDUSTRIES	1	0	0	0	0	0	0	1	99	0
HOUSTON BELT TERMINAL	0	0	0	0	0	7	0	7	14	0
ILLINIOS CENTRAL GULF	15	4	0	7	3	11	0	40	74	0
INDIANA AND OHIO CENTRAL	0	0	0	0	0	0	0	0	2	0
INDIANA & OHIO EASTERN RAILROAD	0	0	0	0	0	0	0	0	2	0
INDIANA HARBOR BELT	1	3	0	0	3	12	0	19	0	0
KANSAS CITY SOUTHERN	6	3	0	0	0	0	0	9	135	0
KANSAS CITY TERMINAL	0	0	0	0	0	1	10	11	0	0
LONG ISLAND	0	5	11	0	0	5	1	22	24	0
LOS ANGELES UNION PASSENGER TERMINAL	0	0	0	0	0	0	1	1	0	0
LOUISIANA & ARKANSAS	2	0	0	0	0	1	0	3	24	0
MERIDAN & BIGBEE RAILROAD	0	1	0	0	0	0	0	1	0	0
METRO-NORTH COMMUTER RAILROAD	0	18	0	0	0	7	0	25	32	0
MISSOURI-KANSAS-TEXAS	20	0	2	2	0	4	0	28	46	0
MISSOURI PACIFIC	47	14	1	2	9	21	0	94	724	0
MONTANA RAIL LINK	0	0	0	0	0	3	0	3	94	0
MONTANA WESTERN RAILWAY CO	1	0	0	0	0	0	0	1	0	0
MUNICIPAL BRIDGE OF ST LOUIS	0	1	0	0	0	3	0	4	3	0
NATIONAL RR PASSENGER CORP	5	20	39	2	0	57	33	156	56	0
NEW JERSEY TRANSIT RAIL CORP	1	3	1	3	0	1	0	9	56	0
NEW ORLEANS PUBLIC BELT	1	0	0	0	0	0	0	1	0	0
NORFOLK & WESTERN	33	10	3	3	0	49	13	111	788	166
NORTHEAST ILLINOIS RR CORP	1	8	1	7	1	12	1	31	24	0
NORTHWESTERN PACIFIC RAILWAY	0	0	0	0	2	0	0	2	0	0
PADUCA & ILLINOIS	0	0	0	0	0	0	0	0	7	0
PADUCA & LOUISVILLE	2	0	0	0	0	0	0	2	17	0
PEORIA & PEKIN UNION	0	1	0	0	0	0	0	1	6	0

NUMBER & KIND OF INTERLOCKINGS IN SERVICE
JANUARY 1, 1989

RAILROAD	AUTO	ELEC	INTERLOCKINGS			REMOTE CONTROL INTERLOCKINGS		TOTAL	TRAFFIC CONTROL POINTS		
			ELEC PNEU	ELEC MECH	MECH	ELEC	ELEC PNEU		ELEC	ELEC PNEU	
PITTSBURG & LAKE ERIE	0	0	0	0	0	30	0	30	6	1	
PORT AUTHORITY TRANS HUDSON	6	0	2	0	0	2	5	15	0	0	
PORTLAND TERMINAL (OREGON)	0	1	0	0	0	0	0	1	0	0	
PORT TERMINAL HOUSTON	0	0	0	0	0	1	7	8	0	0	
RED RIVER VALLEY AND WESTERN	2	0	0	0	0	0	0	2	3	0	
RICHMOND, FREDRICKSBURG & POTOMAC	0	0	0	0	0	0	0	0	8	11	
RIVER TERMINAL RAILROAD	0	1	0	0	1	0	0	2	0	0	
SAN DIEGO AND IMPERIAL VALLEY	5	0	0	0	0	0	0	5	0	0	
ST LOUIS SOUTHWESTERN	16	1	0	0	2	2	0	21	149	0	
SOO LINE	22	5	1	2	2	21	1	54	152	0	
SOUTHEASTERN PENNSYLVANIA TRANS AUTH	0	2	7	0	0	21	4	34	10	0	
SOUTHERN RAILWAY SYSTEM	30	11	0	1	0	14	0	56	489	0	
SOUTHERN ILLINOIS & MISSOURI BRIDGE	0	0	0	0	0	0	1	1	1	0	
SOUTHERN PACIFIC	30	25	7	2	20	31	0	115	901	0	
SOUTHRAIL CORP	2	0	0	0	0	0	0	2	9	0	
TERMINAL RR ASSOCIATION OF ST LOUIS	0	0	1	0	0	3	0	4	8	0	
TUSCOLA & SAGINAW BAY	2	0	0	0	0	0	0	2	0	0	
UNION RAILROAD	0	0	0	0	0	1	5	6	0	0	
UNION PACIFIC RAILROAD	22	15	1	0	1	38	0	77	955	0	
WISCONSIN CENTRAL LTD.	8	6	0	0	0	6	0	20	57	0	
JANUARY 1, 1989	TOTALS	576	317	108	84	94	759	104	2042	10938	273
JANUARY 1, 1988	TOTALS	583	335	119	100	94	834	98	2163	10692	271

TRAIN STOP, TRAIN CONTROL AND CAB SIGNALS IN SERVICE ON JANUARY 1, 1989

	TRAIN STOP			CAB SIGNALS			TRAIN STOP			TRAIN CONTROL			TRAIN CONTROL			NOTE		
	ROAD TRACK			ROAD TRACK			CAB SIGNALS			CAB SIGNALS			TRAIN STOP					
	MILE	MILE	LOCO	MILE	MILE	LOCO	MILE	MILE	LOCO	MILE	MILE	LOCO	MILE	MILE	LOCO			
ATCHISON, TOPEKA & SANTA FE	1282	1782	23	0	0	0	0	0	0	0	0	0	0	0	0	(1)		
BURLINGTON NORTHERN	0	0	0	36	108	25	0	0	0	0	0	0	0	0	0			
CHICAGO & NORTH WESTERN	112	250	17	0	0	0	0	0	0	478	934	240	0	0	245	(2), (9)		
CHICAGO CENTRAL AND PACIFIC	0	0	0	0	0	0	90	90	36	0	0	0	0	0	0			
CONSOLIDATED RAIL CORPORATION	0	0	0	0	0	166	748	1369	1348	0	0	0	0	0	100			
ILLINIOS CENTRAL GULF	0	0	0	0	0	0	122	244	197	0	0	0	0	0	0			
LONG ISLAND	0	0	0	0	0	0	0	0	0	148	289	1017	0	0	0	(5)		
METRO NORTH COMMUTER RAILROAD	0	0	0	0	0	0	0	0	24	0	0	0	173	509	696	(4)		
NATIONAL RR PASSENGER CORP	0	0	38	0	0	10	0	0	6	0	0	0	508	1416	315			
NEW JERSEY TRANSIT RAIL CORP	0	0	0	0	0	1	46	92	300	0	0	123	0	0	0	(7)		
NORTHEAST ILLINOIS RAILROAD CORP	0	0	0	25	50	40	0	0	0	0	0	0	0	0	0	(6)		
PORT AUTHORITY TRANS HUDSON	15	30	378	0	0	0	0	0	0	0	0	0	0	0	0	(8)		
PROVIDENCE & WORCHESTER RR CO	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0			
RICHMOND, FREDRICKSBURG & POTOMAC	0	0	0	0	0	0	0	0	0	109	222	23	0	0	0			
SOUTHEASTERN PENNSYLVANIA TRANS AUTH	0	0	0	0	0	5	13	18	337	0	0	17	0	0	0	(3)		
STRASBURG RAIL ROAD	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0			
UNION PACIFIC RAILROAD	0	0	0	0	0	0	1520	2316	1508	0	0	0	0	0	0			
JANUARY 1, 1989	TOTALS			1409	2062	456	61	158	255	2539	4129	3756	735	1445	1420	681	1925	1356
JANUARY 1, 1988	TOTALS			1409	2062	374	1194	2591	760	1642	2560	3098	831	1550	1459	353	1077	1225

- (1) INCLUDES 22 LOCOS EQUIPPED BY AMTRAK
- (2) INCLUDES 66 PASSENGER CARS WITH CONTROLS
- (3) INCLUDES 345 MOTOR CARS
- (4) INCLUDES 650 MOTOR CARS
- (5) INCLUDES 934 MOTOR CARS
- (6) INCLUDES 23 MOTOR CARS
- (7) INCLUDES 300 MOTOR CARS AND 67 PUSH PULL CAB CARS
- (8) MOTOR CARS ONLY
- (9) INCLUDES 127 LOCOMOTIVES WITH TRAIN CONTROL ONLY