

# Summary of Accidents Investigated By The Federal Railroad Administration Calendar Year 1990

Office of Safety Washington, D.C. 20590 November 1992

#### ATTENTION

IF YOU WOULD LIKE TO RECEIVE A COPY OF "SUMMARY OF ACCIDENTS INVESTIGATED BY THE FEDERAL RAILROAD ADMINISTRATION", OR, IF YOU ARE ALREADY RECEIVING THE SUMMARY AND HAVE AN ADDRESS CHANGE, PLEASE COMPLETE THE FORM BELOW.

NAME	·
COMPANY NAME	
STREET	
CITY	
STATE	ZIP CODE

#### SEND TO:

FEDERAL RAILROAD ADMINISTRATION 400 SEVENTH STREET, S.W. ROOM 8301 WASHINGTON, D.C. 20509

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#### INTRODUCTION

The 1990 Summary of Accidents Investigated by the Federal Railroad Administration (FRA) includes 240 railroad accidents.

This summary provides the following information:

- o the railroad(s) involved
- o the location and the time of the accident
- o the type of railroad accident
- o the method of operation and movements involved
- o the speed involved
- o the number of casualties
- o the estimated cost of railroad damages
- o the probable cause and any contributing factor(s).

The railroad codes used in this summary can be found in the FRA Guide for Preparing Accident/Incident Reports Appendix A.

Estimated railroad damage includes labor cost, and all other costs to repair or replace damaged on-track equipment, signals, track, track structures, or roadbed. The cost of lading and clearing the wreck, as well as the cost to society, is not included.

The data were edited and summarized by FRA personnel. The United States Government assumes no liability for its contents or use.

Federal Railroad Administration Office of Safety, RRS-22 400 Seventh Street, S.W. Washington, D.C. 20590

### ACCIDENT SUMMARY

# 1. Accidents Investigated

During Calendar Year 1990, the Federal Railroad Administration investigated and determined the probable cause of 240 railroad accidents.

2.	Туре	e of Accident		No.	Percent
	(a) (b) (c) (d) (e) (f)	Derailment Head-End Collision Rear-End Collision Side Collision Highway-Rail Crossing Railroad Grade Crossin	a	89 9 10 8 102	37.0 3.7 4.1 3.3 42.3
	(g) (h)	Obstruction Other	•	9 _ <u>13</u>	3.8 5.4
		Т	otal	240	100.0
3.	Cası	nalties	,	No.	
	(a) (b)	Killed Injured		226 1017	
		T	otal	1243	÷

AC	CIDENT TYPE		TOTAL
-	DERAILMENT HEAD ON COLLISION	,	8 9 9
	REAR END COLLISION		10
	SIDE COLLISION	DOGGING	8
07	HIGHWAY-RAIL GRADE C	ROSSING	. 102
80	RR GRADE CROSSING OBSTRUCTION		8
09 13	OTHER		13
		TOTAL	240

	COLLI SION			HIGHWAY-RAII COLLISION	
ATLANTIC AND EAST CAROLINA RAILWAY ALABAMA GREAT SOUTHERN ALASKA RAILROAD CORPORATION AMTRAK (NATIONAL RR PASSENGER CORP) ATCHISON, TOPEKA AND SANTA FE	0 0 0 3 2	0 0 1 5 6	7	1 4 0 18 4	1 4 1 33 13
BANGOR AND AROOSTOOK RAILROAD BESSEMER AND LAKE ERIE BURLINGTON NORTHERN BUFFALO AND PITTSBURGH BELT RAILWAY COMPANY OF CHICAGO	0 0 7 0 1	1 14	0	1 0 11 0	2 1 36 1 1
CONNECTICUT CENTRAL RAILROAD CHICAGO AND NORTH WESTERN CANADIAN PACIFIC RAILWAY CONSOLIDATED RAIL CORPORATION CSX TRANSPORTATION	0 3 0 2 4	_		1 0 8 13	1 4 1 18 26
CENTRAL VERMONT RAILWAY, INC. DENVER AND RIO GRANDE WESTERN GEORGIA SOUTHERN AND FLORIDA GRAND TRUNK WESTERN RAILROAD HOUSTON BELT AND TERMINAL	0 0 0 1 1	1 0 0 0	0 0 0 0	0 0 1 1	1 1 2 1
IOWA INTERSTATE RAILROAD ILLINOIS CENTRAL RAILROAD LONG ISLAND RAIL ROAD MARYLAND DEPARTMENT OF TRANS METRO NORTH COMMUTER	0 1 0 1 0		0 0 0 0	0 2 1 0	1 5 3 1
MISSOURI PACIFIC MONTANA RAIL LINK MIDSOUTH RAIL CORPORATION NORTHEAST ILLINOIS REGIONAL NEW JERSEY TRANSIT RAIL	2 0 0 0 0	5 3 1 1	2	3 1 0 0	10 6 1 1 2
NORFOLK AND WESTERN NEW YORK, SUSQUEHANNA AND WESTERN PROVIDENCE AND WORCHESTER RICHMOND, FREDERICKSBURG AND POTOMAC SOUTHEASTERN PENNSYLVANIA TRANS.	0 0 0 0	0 0 1 1	0 1 0 0 0 0	8 0 0 0	8 1 1 1
ST. JOHN'S RIVER TERMINAL SOO LINE RAILROAD SOUTHERN RAILWAY SOUTHERN PACIFIC TRANSPORTATION SOUTHRAIL CORPORATION	2 3 1 1 0	0 0 2 9 1	0	0 2 4 11 0	2 5 7 23 1
ST. LOUIS SOUTHWESTERN SPRINGFIELD TERMINAL RAILWAY THREE COUNTY COMMUTER RAIL TEXAS MEXICAN RAILWAY TERMINAL RAILROAD ASSOCIATION	0 0 0 0	1 2 0 1 3	0 0 0 0	3 0 1 0	4 2 1 1 3
UNION PACIFIC RAILROAD WISCONSIN CENTRAL	3	12 1	<b>4</b> 0	16 0	35 1
TOTAL	38	95	27	117	277

		RAILRÓ	AD		ACCIDENT LOCATION	N	DATE	PAGE
	NUMBER	CODE						
	1	NW			HIGBY	<sup>°</sup> 39	01/04/90	1
	2	UP			TROUP	48	01/05/90	1
•	3	MP	* .		VANDERBILT	48	01/08/90	2
•	4	BN	•		MILFORD	31	01/10/90	2
	7	CR			ARCHBOLD	39	01/11/90	3
	5	SP			STRANG	48	01/11/90	2 2 3 2
	6	ATSF			MAZON TOWNSHIP	17	01/11/90	3
	9	ATK	BN		WEST QUINCY	17	01/14/90	4 :
	8	MP	HBŤ		HOUSTON	48	01/14/90	3
	10	LI	1111		MINEOLA	36	01/14/30	
	11	CSX			FAIR OAKS	18	01/10/90	4 5 5 5 6
	12			,	SOUTH SEATTLE	53	01/17/90	ے. ح
		BN					01/18/90	-
	13	ATK	·		JACKSON	26		5
	14	CSX			PARKWOOD	01	01/22/90	
•	15.	BN	•	*. :	TASCOSA	48	01/22/90	6
	16	ATK			SCHODACK LANDING	36	01/27/90	6
	17	CNW			McHENRY	17	01/27/90	7
•	18	UP	•		KELSO	06	01/28/90	7
	19	ATK	CSX	v.	TAMPA	12	01/29/90	7
	21	BN			FORDLAND	29	01/30/90	8 8
(	20	SP			ELK GROVE	06	01/30/90	8
	22	ATK		•	CHASE	24	02/01/90	8
	23	ATK	UP		RUSSELL	05	02/04/90	9
	24	UP			DELTA	49	02/05/90	9
	25	soo			WATSEKA	17	02/06/90	10
	26	ATK			WALTHAM	25	02/07/90	10
í	27	CR	CNW		CHICAGO	17	02/09/90	10
	28	UP	7,		PAGE	53	02/09/90	11
•	29	ATSF	• •		TEMPLE	48	02/09/90	11
4	31	MRL			EVARO	30	02/14/90	12
	30	ST			WINN	23	02/14/90	11
4	32	CSX		-	CHARLOTTE	37	02/15/90	12
•	33	BN		•	ELMHOUSE	48	02/13/30	13
			D D C	CONTA	The state of the s	17	02/17/90	13
1	34	IC	BRC	GTW	CHICAGO		02/10/90	
•	35	BN			CUMMINGS	38	02/20/90	14
							*	
·		2				<i>i</i> .	1	

REPORT NUMBER	RAILROAD CODE	ACCIDENT LOCATI	ON	DATE	PAGE
36	BN	DESOTA	55	02/20/90	14
37	AEC	KINSTON	37	02/21/90	14
38	BN	KOOTENAI FALLS	30	02/24/90	15
39	CR	VERSAILLES	39	02/25/90	15
40	BN	HERRIN	17	02/26/90	16
41	BN	IRONDALE	. 08	02/28/90	16
43	SSW MP	NELSON	29	03/01/90	17
42	CSX	STEVENSVILLE	26	03/01/90	16
46	NW	UNION TOWNSHIP	39	03/02/90	18
45	GSF	MINEOLA	13	03/02/90	17
44	BN	LUDLOW	0.8	03/02/90	17
4.7	MP	TEXARKANA	05	03/06/90	18
48	CSX	HAMMOND	18	03/09/90	18
49	ATK CR	CANTON TOWNSHIP	26	03/11/90	19
- 50	ATK CR	BUCYRUS	39	03/12/90	19
52	ATK CSX	ROCKY MOUNT	37	03/13/90	20
5ļ	CR	ANN ARBOR	26	03/13/90	19
53	MP	CALDWELL	20	03/16/90	20
54	CSX	MILAN	47	03/17/90	21
-56	LI	LONG ISLAND CITY	36	03/19/90	21
55	SSW	KANSAS CITY	20	03/19/90	21
57	MNCW	NORWALK	09	03/20/90	22
58	ATK	WANATAH	18	03/23/90	22
60	ATK	CHICAGO	17	03/24/90	. 23
59	SP	MALLIE	48	03/24/90	22
61	SP	PEREZ	06	03/25/90	- 23
62	LΙ	HOLTSVILLE	36	03/28/90	23
63	SP	EUGENE	41	03/29/90	24
65	BN	MONROE	48	03/30/90	24
64	UP	ОМАНА	31	03/30/90	24
66	NW	FORT GAY	54	04/01/90	25
67	UP	NORTH PLATTE	31	04/06/90	25
68	MSRC	MORTON	. 28	04/07/90	25
69	SOU	SALISBURY	37	04/08/90	26
72	NJTR	WESTFIELD	34	04/13/90	27

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REPORT NUMBER	RAILROZ CODE	ĀD	ACCIDENT LOCATI	ON	DÅTE	PAGE	
71	UP.		PAYETTE	16	04/13/90	26	
70	MP		JEFFERSON CITY	29	04/13/90	26	
73	IC.		MEMPHIS	47	04/19/90	27	
74	SP		TIMPSON	48	04/21/90	28	
75	ATSF		MOUNTAINAIR	35	04/21/90	28	
77	BPRR		CRAIGSVILLE	42	04/22/90	29	
76	VRR		ESSEX	09	04/22/90	29	
78	ATK	BN	BATAVIA	19	04/23/90	29	
79 79	ATSF	DI	PEDERNAL	35	04/25/90	30	
80	MRL		QUEBEC	30	04/25/90	30	
82	CSX		PEE DEE	37	04/28/90	31	
81	CSX		MCCOOL	18	04/28/90	31	
84	SP		KINTER	04	04/29/90	32	
83	BN	MRL	SPOKANE	53	04/29/90	31	
85 85	UP	PIRE	OMAHA	31	05/02/90	32	
	ATK	CR	CRAWFORDSVILLE	18	05/02/90	32	
86				28	05/02/90	33	
87		IC	DURANT		05/04/90	33 33	
88	BN		MARSHLAND	31		33	
89	MP		PLUM	48	05/04/90		
91	MP	د د موسید	LAMINE	29	05/06/90	34	
90	ATK	CSX	BROOKSTON	18	05/06/90	34	
93	CR	ATK	MIDDLE RIVER	24	05/07/90	35	
92	WC	•	MACKVILLE	55	05/07/90	34	
94	BN		VERNON	48	05/12/90	35	
95	UP		NAMPA	1.6	05/17/90	36	
96	SSW		EDMONSON	05	05/22/90	36	
98	IC		COVINGTON	47	05/24/90	37	
97	DRGW	MP	BUSHTON	20	05/24/90	37	
99	ARR		DUNBAR	0 Ź	05/28/90	37	
100	CSX	4	SHELBY	18	05/31/90	38	
101	AGS		LIPSCOMB	01	05/31/90	38	
102	ATK	CSX	PLEASANT RIDGE	18	05/31/90	39	
103	SOO	BN	ST CROIX	2 7	06/02/90	39	
104	UP.		STOCKTON	06	06/02/90	40	
105	ST		KENNEBUNK	23	06/03/90	40	

REPORT NUMBER	RAILROAD CODE	ACCIDENT LOCATIO	ON	DATE	PAGE
106	TRRA	ST LOUIS	29	06/04/90	40
107	AGS	MOUNDVILLE	01	06/06/90	41
108	BN	LAMONA	53	06/08/90	41
109	BN	SENECA	31	06/11/90	41
110	UP	DILLEY	48	06/12/90	42
111	CR	FAIRHOPE	39	06/14/90	42
113	SP	ANACACHO	48	06/16/90	43
112	BN	FENTON	17	06/16/90	42
114	CSX	BROWNSVILLE	47	06/19/90	43
115	AGS	ELLISVILLE	28	06/20/90	43
116	SOU	CHOCCOLOCCO	01	06/27/90	44
117	SOO	SABULA	17	06/27/90	44
119	CSX	CARLISLE	39	06/28/90	45
118	CR	REDDICK	. 17	06/28/90	45
121	ATK	PHILADELPHIA	42	06/29/90	46
122	NW	CHESAPEAKE	51	06/29/90	46
120	ATK IC	LOCKPORT	17	06/29/90	45
123	BAR	EAGLE LAKE	23	07/01/90	47
124	UP	NORTH LAS VEGAS	32	07/03/90	47
125	ATK AGS	MERIDIAN	28	07/05/90	47
127	TM	REALITOS	48	07/06/90	48
126	SP .	DUSON	22	07/06/90	48
128	NW	CONGERVILLE	17	07/08/90	48
129	UP	JULIAN	31	07/08/90	. 49
131	UP	ROCK SPRINGS	56	07/09/90	50
130	ATK SOU	CALVERTON	51	07/09/90	49
132	SP	KEITHVILLE	22	07/11/90	50
133	ATSF	AMARILLO	48	07/14/90	50
134	ATSF	PROGRESS	48	07/16/90	51
135	BN	FALLS CITY	31	07/17/90	51
136	SP	SAPAR	35	07/19/90	52
137	BN	RENO	56	07/21/90	52
139	CPVM	BARTON	50	07/24/90	53
138	UP	DEXTER	29	07/24/90	53
140	UP	CAJON	06	07/25/90	53
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REPORT NUMBER	RAILROAD CODE	ACCIDENT	LOCATION	DATE	PAGE
141	UP.	CLEAR CREEK	JUNCTION 06	07/30/90	54
142	BN	GRETNA	31	07/31/90	54
143	UP	ST LOUIS	. 29	08/01/90	54
144	NW	STAUNTON	17	08/03/90	55
146	UP	DOLLVILLE	17	08/04/90	55
145	SP	DRYDEN	48	08/04/90	55
147	CSX	VONORE	47	08/05/90	56
148	MRL	LIVINGSTON	30	08/05/90	56
149	UP TRI	RA ST LOUIS	29	08/05/90	57
150	UP	THORTON	06	08/05/90	57
151	SP	TUCSON	w ·04	08/05/90	57
153	UP	RED BUTTES	56	08/07/90	58
152	CV	SHARON		08/07/90	58
155	SOU	SUGAR VALLEY	13	08/09/90	59
154	SOU	HARRISBURG	37	08/09/90	59
156	NW	SUTHERLAND	51	08/11/90	60
157	UP	MERKEL	48	08/13/90	60
158	UP	GALVESTON	48	08/16/90	61
159	CR	FRANKLINVILL		08/18/90	61
160	ATK	WINSLOW	. 34	08/19/90	62
161	TCRO	HIALEAH	12	08/20/90	62
162	ATK CS	MONON	18	08/23/90	62
163	CR	KEATING	4 2	08/25/90	63
164	SP	<b>DELANO</b>	06	08/25/90	63
165	BLE	CONNEAUT	.39	08/28/90	63
166	CR	LATROBE	42	08/29/90	64
167	UP:	KEMMERER		08/31/90	64
168	ATSF	CAJON	06	09/06/90	64
169	UP	DUDLEY	29	09/07/90	6.5
170	SP UP	PICO RIVERA	06	09/09/90	65
171	BN,	NEWBÝ.	48	09/10/90	65
172	SR	CORINTH	28	09/12/90	66
173	CSX	BELTSVILLE	24	09/13/90	66
174	BN.	FONTANA	20	09/15/90	67
175	UP	CHIDESTER	-,05	09/17/90	67
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	₽₽₽₽	RAILROAD	ACCIDENT LOCATIO	N .	DATE	PAGE
,	NUMBER	CODE	ACCIDENT DOCATE	/M • • • •	DAIL	FAGE
	HOHDLIK	CODE				
	176	ATK MDT	BALTIMORE	24	09/21/90	67
<b>b</b>	177	CNW	WADSWORTH	17	09/22/90	68
	178	CSX	SHAVERSVILLE	· 54	09/22/90	68
	179	SP	MARSH	04	09/23/90	69
	180	CSX	COLUMBUS	39	09/24/90	69
	181	CSX SJRT	JACKSONVILLE	12	09/26/90	69
•	182	SP	CHAMISO	04	09/27/90	70
•	183	ATSF	LUDLOW	06.	09/28/90	70
	184	UP ,	BRIGHTON	08.	09/29/90	71
	185	S00	MUSCATINE	19	10/02/90	71
	186	NJTR	TRENTON	34	10/03/90	72
	187	CR	EAST LAKE	39	10/03/90	72
,	188	CSX	ATMORE	01	10/04/90	72
	189	SP,	HONDO	48	10/05/90	73
	190	ATSF	HIGHLAND PARK	06	10/08/90	73
	191	ATK SP	WALLER	48	10/10/90	73
	192	CSX	LEWISBURG	47	10/15/90	74
	193	NW	UNIONVILLE	3 <i>9</i>	10/17/90	74
	194	BN	AMARILLO	48	10/18/90	75
	198	BN	LYONS	38.	10/19/90	76
	196	CSX	McCORMICK	45.	10/19/90	75
	197	UP	ALIX	05	10/19/90	76
. a	195	BAR	BROWNSVILLE	23	10/19/90	75
	199	BN	ST. LOUIS	29	10/21/90	77
•	200	CR	WASHINGTON, D.C.	11	10/23/90	77
•	201	SOU	ST. MATTHEWS	45	10/23/90	77
	204	CSX SJRT	JACKSONVILLE	12	10/27/90	79
	203	SP	BANNING	06	10/27/90	<u>7</u> 8
	202	ATK UP	SCHERTZ	48	10/27/90	78
	206	BN	OREGON	17	11/04/90	79
	205	UP	MONROE	22	11/04/90	79
	210	ATSF	CORONA	06	11/07/90	81
	209	CR	SAYBROOK	39	11/07/90	80
,	208	UP	TIPTON	56	11/07/90	80
	207	RFP	WOODBRIDGE	51	11/07/90	8.0

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				•	*	
DED⊝D⊕	RAILRO	מע	ACCIDENT LOCATI	ON	DATE	PAGE
NUMBER	CODE	<b>1</b> 12	Branch Anna Company and Market Branch	: <del></del>	<i>Şz</i> ,	j
11011041	2004					
211	BN		AUGUSTA	20	11/08/90	81
212	NYSW		SPARTA	34	11/09/90	82
213	BN	•	HOLDENVI LLE	40	11/13/90	82
215	ATK	CNW	CHICAGO	17	11/15/90	83
214	SEPA	520.119	TRENTON	34	11/15/90	82
217	SOO		MILTONA	2:7	11/16/90	84
216	CSX		WOFFORD	21	11/16/90	83
218	BN	•	FROMBERG	30	11/18/90	84
220	IAIS		MALCOM	19	11/18/90	8 5
219	PW		DAYVILLE	0.9	11/18/90	8.5
221	BN		CROOKSTON	27	11/25/90	85
222	ATSF		ESSEX	06	11/26/90	8.6
223	CR		ALLIANCE	39	11/27/90	86
224	ATK	ATSF	KLEINFELTER	0.6	11/29/90	87
225	ATSF	,	BURLINGAME	20	12/01/90	8.7
226	MP		HOLDEN	29	12/02/90	87
227	MRL		THOMPSON FALLS	3.0	12/03/90	88
229	CCCL		MIDDLETOWN	0.9	12/05/90	88
228	SSW		PLAIN DEALING	<b>22</b>	12/05/90	88
230	SP	•	MULDOON	48	12/07/90	8,9
231	SOU	•	NEW ORLEANS	22	12/09/90	8.9
232	CR		COLUMBUS	39	12/09/90	89
233	SP		FLATONIA	48	12/10/90	90
234	ATK		BOSTON	25	12/12/90	90
235	ATK	GTW	CHARLOTTE	26	12/17/90	91
236	BN	TRRA	ST. LOUIS	29	12/19/90	91
237	ATK	SP	CHATSWORTH	06	12/21/90	91
238	MRL		KOOTENAI	16	12/22/90	92
239	BN		DIGGINS	29	12/28/90	92
240	NIRC	АТК	CHICAGO	17	12/31/90	.93

PROBABLE CAUSE: SCHOOL BUS STALLED ON A HIGHWAY-RAIL GRADE CROSSING JUST PRIOR TO ACTIVATION OF WARNING LIGHTS AND ARRIVAL OF FREIGHT TRAIN.  UP 01/05/90 10:30 PM TROUP TYPE OF TRACK: MAIN CLASS OF TRACK: 4		DATE T	IME	CITY/STATION	٧	S	TATE	ACCIDENT	TYPE	K	ILLED	INJURED	RR D	AMAGE
CLASS OF TRACK:  1 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN 4144E 43 MEDIUPMENT DERAILED: NONE  PROBABLE CAUSE: SCHOOL BUS STALLED ON A HIGHWAY-RAIL GRADE CROSSING JUST PRIOR TO ACTIVATION OF WARNING LIGHTS AND ARRIVAL OF FREIGHT TRAIN.  UP 01/05/90 10:30 PM TROUP TX HIGHWAY-RAIL CROSSING 5 1 \$ TYPE OF TRACK: MAIN CLASS OF TRACK: 4  2 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN CHHOZ 43 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN CHHOZ 43 METHOD OF OPERATION: NONE  PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A	NW	01/04/90	03:03 PM	HIGBY			ОН	HIGHWAY	-RAIL CRO	SSING	0	2	\$	0
1 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN 4144E 43 MEDIUP MENT DERAILED: NONE  PROBABLE CAUSE: SCHOOL BUS STALLED ON A HIGHWAY-RAIL GRADE CROSSING JUST PRIOR TO ACTIVATION OF WARNING LIGHTS AND ARRIVAL OF FREIGHT TRAIN.  UP 01/05/90 10:30 PM TROUP TX HIGHWAY-RAIL CROSSING 5 1 \$ TYPE OF TRACK: MAIN CLASS OF TRACK: 4  2 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN CHOZ 43 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN CHOZ 43 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN CHOZ 43 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN CHOZ 43 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN CHOZ 43 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN CHOZ 43 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN AT A		TYPE OF TR	RACK:		MAIN									
PROBABLE CAUSE: SCHOOL BUS STALLED ON A HIGHWAY-RAIL GRADE CROSSING JUST PRIOR TO ACTIVATION OF WARNING LIGHTS AND ARRIVAL OF FREIGHT TRAIN.  P 01/05/90 10:30 PM TROUP TX HIGHWAY-RAIL CROSSING 5 1 \$ TYPE OF TRACK: MAIN CLASS OF TRACK: 4  2 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN CHHOZ 43 I EQUIPMENT DERAILED: NONE  PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A		CLASS OF T	RACK:		4									
ARRIVAL OF FREIGHT TRAIN.  DP 01/05/90 10:30 PM TROUP TX HIGHWAY-RAIL CROSSING 5 1 \$ 7 TYPE OF TRACK: MAIN CLASS OF TRACK: 4  2 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN CHHOZ 43 FEQUIPMENT DERAILED: NONE  PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A	1					CONTROL		MOVEMENTS	INVOLVED:	FREIG	HT TRAIN	414	4E	43 MPH
P 01/05/90 10:30 PM TROUP TX HIGHWAY-RAIL CROSSING 5 1 \$ 7 TYPE OF TRACK: MAIN CLASS OF TRACK: 4 2 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN CHHOZ 43 I EQUIPMENT DERAILED: NONE PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A		PROBABLE C	CAUSE: SC	CHOOL BUS STA	ALLED ON A	HIGHWAY	Y-RAIL GR	ADE CROSSING	JUST PRI	OR TO AC	TIVATION	OF WARNIN	G LIGHTS	AND
O 1/05/90 10:30 PM TROUP  TX HIGHWAY-RAIL CROSSING 5 1 \$ TYPE OF TRACK:  MAIN  CLASS OF TRACK:  4  METHOD OF OPERATION:  TRAFFIC CONTROL  MOVEMENTS INVOLVED:  FREIGHT TRAIN  CHHOZ  43 I  PROBABLE CAUSE:  THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A		ARRIVAL OF	FREIGHT	TRAIN.										
TYPE OF TRACK:  CLASS OF TRACK:  MAIN  CLASS OF TRACK:  METHOD OF OPERATION:  TRAFFIC CONTROL  MOVEMENTS INVOLVED:  FREIGHT TRAIN  CHHOZ  43 I  PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A														
TYPE OF TRACK:  CLASS OF TRACK:  MAIN  CLASS OF TRACK:  METHOD OF OPERATION:  TRAFFIC CONTROL  MOVEMENTS INVOLVED:  FREIGHT TRAIN  CHOZ  43 I  EQUIPMENT DERAILED:  NONE  PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A														
TYPE OF TRACK:  CLASS OF TRACK:  MAIN  CLASS OF TRACK:  METHOD OF OPERATION:  TRAFFIC CONTROL  MOVEMENTS INVOLVED:  FREIGHT TRAIN  CHOZ  43 I  EQUIPMENT DERAILED:  NONE  PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A														
TYPE OF TRACK: MAIN  CLASS OF TRACK: 4  METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN CHHOZ 43 I EQUIPMENT DERAILED: NONE  PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A														
CLASS OF TRACK:  METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN CHOZ 43 I EQUIPMENT DERAILED: NONE  PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A							in the				. * ¥1			
2 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN CHHOZ 43 I EQUIPMENT DERAILED: NONE  PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A	ı	01/05/90	10:30 PM	TROUP			тх	H I GHWAY	-RAIL CRO	SSING	5	1	\$	250
EQUIPMENT DERAILED: NONE  PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A	P	To be designed to the second		TROUP	MAIN		тх	HIGHWAY	-RAIL CRO	SSING	5	1	\$	250
PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A	JP	TYPE OF TR	RACK:						-RAIL CRO	SSING	5	1	\$	250
		TYPE OF TR	RACK:		4		2 S 600	100 A A A A A A A A A A A A A A A A A A			-	1		250 43 MPH
		TYPE OF TR CLASS OF T METHOD OF	RACK: TRACK: OPERATION	N:	4 TRAFFIC		2 S 600	100 A A A A A A A A A A A A A A A A A A			-	1		
		TYPE OF TR CLASS OF T METHOD OF EQUIPMENT	RACK: TRACK: OPERATION DERAILED:	N:	TRAFFIC NONE	CONTROL	× 19 606	MOVEMENTS	INVOLVED:	FREIC	SHT TRAIN		loz .	

CONTRIBUTING FACTORS: THE MOTOR VEHICLE OPERATOR'S BLOOD ALCOHOL LEVEL WAS MEASURED AT 0.23 PERCENT.

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	DATE TIME CITY/STATIO	N STATE	ACCIDENT TYPE	KILLED	INJURÉD		DAMAGE
MP	01/08/90 02:30 AM VANDERBILT	MAIN	DERAILMENT	Ó	0	\$	775,000
3	CLASS OF TRACK: METHOD OF OPERATION:	4 TRAFFIC CONTROL	MOVEMENTS INVOLVED:	EDETOUT TOATE	KVÁ	11	AN MOU
3	EQUIPMENT DERAILED: CROSSING PROTECTION	24 CAR(S)	MOAEMENIS INAGEAED:	reigni ikain	KVF	••	40 MFN
	PROBABLE CAUSE: BURNED OFF L-						
BN	01/10/90 11:09 AM MILFORD		OBSTRUCTION	0	0	\$	41,000
	TYPE OF TRACK:	MAIN					
	CLASS OF TRACK:	4					
4 .	METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	_	2W FU	46 MPH O MPH
	EQUIPMENT DERAILED: CROSSING PROTECTION	NONE :	23 \$ 1 - \$ 1 * 1 2 4	arright gr			
	EQUIPMENT DERAILED:	DISPATCHER FAILED TO P	ROVIDE THE REQUIRED PROTEC	TION FOR M OF W	t _ ä		
, ep	EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE BN TRAIN MAIN TRACK AFTER GRANTING THE	DISPATCHER FAILED TO P FOREMAN PERMISSION TO	ROVIDE THE REQUIRED PROTEC OCCUPY THE TRACK.	TION FOR M OF W	EQUIPMENT	OCCUPY	YING THE
SP	EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE BN TRAIN MAIN TRACK AFTER GRANTING THE  01/11/90 09:15 AM STRANG	DISPATCHER FAILED TO P FOREMAN PERMISSION TO	ROVIDE THE REQUIRED PROTEC OCCUPY THE TRACK.	TION FOR M OF W	t _ ä	OCCUPY	YING THE
SP	EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE BN TRAIN MAIN TRACK AFTER GRANTING THE  01/11/90 09:15 AM STRANG TYPE OF TRACK:	DISPATCHER FAILED TO P FOREMAN PERMISSION TO	ROVIDE THE REQUIRED PROTEC OCCUPY THE TRACK.	TION FOR M OF W	EQUIPMENT	OCCUPY	YING THE
SP 5	EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE BN TRAIN MAIN TRACK AFTER GRANTING THE  01/11/90 09:15 AM STRANG TYPE OF TRACK: CLASS OF TRACK:	DISPATCHER FAILED TO P FOREMAN PERMISSION TO  TX SIDING	ROVIDE THE REQUIRED PROTEC OCCUPY THE TRACK. DERAILMENT	TION FOR M OF W	EQUIPMENT O	OCCUPY \$	22,000
	EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE BN TRAIN MAIN TRACK AFTER GRANTING THE  01/11/90 09:15 AM STRANG TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	DISPATCHER FAILED TO P FOREMAN PERMISSION TO  TX SIDING 1 DIRECT TRAFFIC CONTR	ROVIDE THE REQUIRED PROTEC OCCUPY THE TRACK.	TION FOR M OF W O FREIGHT TRAIN	EQUIPMENT 0 787	OCCUPY \$	22,000 5 MPH

and the control of th

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	DATE TIME	CIT	Y/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	R	R DAMAGE
TSF	01/11/90 11:45	5 AM MA	ZON TOWNSHIP	IL	HIGHWAY-RAIL CROSSI	NG 3	2	\$	0
	TYPE OF TRACK:		MAIN						
	CLASS OF TRACK:	:	5						
6	METHOD OF OPERA	ATION:	TRAFFIC	CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	QNYL	.A	55 MPH
	EQUIPMENT DERAI	LED:	NONE				4		
	CROSSING PROTEC	CTION							
	PROBABLE CAUSE: HIGHWAY-RAIL GE			ATOR FAILED TO Y	TELD THE RIGHT-OF-WAY TO	AN ONCOMING FF	REIGHT TRA	IN AT	A
 Cr	01/11/90 03:10			ОН	HIGHWAY-RAIL CROSSI	NG 2	0	\$	0
	TYPE OF TRACK:		MAIN						
_	CLASS OF TRACK		5		MONEYENE TANKS MED		~		70 404
7			TRAFFIC	CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	IV	<b>5</b> 0	70 MPH
			HANE						
	CROSSING PROTE		NONE						
	CROSSING PROTE	CTION					,		
	CROSSING PROTEIN	CTION : THE M	OTOR VEHICLE OPER	RATOR FAILED TO Y	IELD THE RIGHT-OF-WAY TO	AN ONCOMING F	REIGHT TRA	IN AT	A
	CROSSING PROTE	CTION : THE M	OTOR VEHICLE OPER	NATOR FAILED TO Y	TELD THE RIGHT-OF-WAY TO	AN ONCOMING F	REIGHT TRA	IN AT	A
	CROSSING PROTEIN	CTION : THE M	OTOR VEHICLE OPER	NATOR FAILED TO Y		AN ONCOMING F	REIGHT TRA	IN AT	A
	CROSSING PROTEIN	CTION: THE M	OTOR VEHICLE OPER				REIGHT TRA	IN AT	
	CROSSING PROTECT PROBABLE CAUSE HIGHWAY-RAIL G	THE M RADE CRO	OTOR VEHICLE OPER						
 МР НВТ	CROSSING PROTECT PROBABLE CAUSE HIGHWAY-RAIL GI	THE M RADE CRO	OTOR VEHICLE OPER DISSING.						
	CROSSING PROTECT PROBABLE CAUSE HIGHWAY-RAIL GI 01/14/90 07:1	THE M RADE CRO	OTOR VEHICLE OPER SSING.  DUSTON  MAIN	тх	HEAD-END COLLISION  MOVEMENTS INVOLVED:	O FREIGHT TRAIN	0 21:	\$	46,407 9 MPH
НВТ	CROSSING PROTECT PROBABLE CAUSE HIGHWAY-RAIL GI  01/14/90 07:1!  TYPE OF TRACK: CLASS OF TRACK	THE M RADE CRO	OTOR VEHICLE OPER PUSSING.  MAIN 2 YARD LI	TX	HEAD-END COLLISION  MOVEMENTS INVOLVED:	0	0 21:	\$	46,407 9 MPH
НВТ	CROSSING PROTECT PROBABLE CAUSE HIGHWAY-RAIL GI  01/14/90 07:1!  TYPE OF TRACK: CLASS OF TRACK METHOD OF OPERA	THE M RADE CRO	OTOR VEHICLE OPER PUSSING.  MAIN 2 YARD LI	TX MITS MOTIVE(S)	HEAD-END COLLISION  MOVEMENTS INVOLVED:	O FREIGHT TRAIN	0 21:	\$	46,407 9 MPH

R CODE	DATE	TIME	CITY/STATION		STATE	ACCIDENT	TYPE	KILLED	IN.	JURED	RR	DAMAGE
ATK BN	01/14/90	06:07 PM	WEST QUINCY		IL	OBSTRUC	CTION	0		0	\$	6,000
J.	TYPE OF 1	RACK:	•	MÀIN		18 T.	* 10 m 30	•				s .
	CLASS OF	TRACK:		4								
9	METHOD OF	OPERATION	l:	TRAFFIC CONTR	OL	MOVEMENTS	INVOLVED:	PASSENGER	TRAIN	NO134	•	60 MPH
•		DERAILED:	4	1 LOCOMOTIVE	(S)	. :						*
				TRUCK ERFIGHT		YPE DOOR THAT		ON THE TRAC	:K.			*
 LI	PROBABLE		rk No. 1347 s	TRUCK FREIGHT	CAR PLUG T		WAS LYING				•••••	40,465
LI	PROBABLE 01/16/90	CAUSE: A1	IK NO. 1347 S		CAR PLUG T	YPE DOOR THAT	WAS LYING	ING 1		 3	\$	40,465
LI	PROBABLE 01/16/90	CAUSE: AT	IK NO. 1347 S	TRUCK FREIGHT	CAR PLUG T	YPE DOOR THAT	WAS LYING	ING 1		3	\$	40,465
LI 10	PROBABLE 01/16/90 TYPE OF 1 CLASS OF	CAUSE: AT	TK NO. 1347 S	MAIN 4 INTERLOCKING	CAR PLUG T	YPE DOOR THAT	WAS LYING	ING 1				40,465 70 MPH
	PROBABLE 01/16/90 TYPE OF 1 CLASS OF	CAUSE: AT 07:55 AM RACK: TRACK:	TK NO. 1347 S	MAIN 4 INTERLOCKING CAB SIGNAL	NY	YPE DOOR THAT	WAS LYING	ING 1				•
	PROBABLE 01/16/90 TYPE OF 1 CLASS OF METHOD OF	CAUSE: AT 07:55 AM RACK: TRACK: OPERATION	TK NO. 1347 S MINEOLA	MAIN 4 INTERLOCKING CAB SIGNAL AUTO TRAIN CO	NY	YPE DOOR THAT HIGHWAY MOVEMENTS	WAS LYING	ING 1 PASSENGER	TRAIN			•
	PROBABLE 01/16/90 TYPE OF 1 CLASS OF METHOD OF	CAUSE: AT O7:55 AM RACK: TRACK: OPERATION	TK NO. 1347 S MINEOLA	MAIN 4 INTERLOCKING CAB SIGNAL	NY	YPE DOOR THAT HIGHWAY MOVEMENTS	WAS LYING	ING 1 PASSENGER	TRAIN			•

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING PASSENGER TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

CONTRIBUTING FACTORS: DEFECTIVE TRACK LEAD THAT CAUSED CROSSING GATES TO REMAIN DOWN FOR AN EXTENDED PERIOD OF TIME (22 MINUTES).

. <b></b>	DATE TIME CITY/STATIO		TATE	ACCIDENT TYPE	KILLED ·			DAMAGE
CSX	01/17/90 02:05 AM FAIR OAKS	•	IN	DERAILMENT	0	. 0	\$	648,500
	TYPE OF TRACK:	MAIN				•		
	CLASS OF TRACK:	4						
11	METHOD OF OPERATION:	DIRECT TRAFFIC C	CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	G37	71	47 MPH
	EQUIPMENT DERAILED:	25 CAR(S)	• •					
	CROSSING PROTECTION							
	PROBABLE CAUSE: BROKEN WHEEL				*			
BN	01/18/90 11:10 AM SOUTH SEA		WA	REAR-END COLLISION	0	1	\$	22,500
	TYPE OF TRACK:	MAIN						
	CLASS OF TRACK:	2						
12	METHOD OF OPERATION:	YARD LIMITS		MOVEMENTS INVOLVED:	FREIGHT TRAIN	6	92	O MPH
					FREIGHT TRAIN		97	10 MPH
	EQUIPMENT DERAILED:	1 CAR(S)						
	CROSSING PROTECTION	_						
	, 1	·						
	PROBABLE CAUSE: THE CREW OF	TRÁIN NO. 97 FAILEC	TO OPER	ATE THE TRAIN AT RESTRIC	CTED SPEED WIT	HIN YARD L	.IMITS	
ATK		TRAIN NO. 97 FAILE	TO OPER/					
ATK	PROBABLE CAUSE: THE CREW OF	TRAIN NO. 97 FAILEC						
ATK	PROBABLE CAUSE: THE CREW OF							
ATK	PROBABLE CAUSE: THE CREW OF 01/19/90 11:00 PM JACKSON TYPE OF TRACK:	MAIN 3	MI		ING 1	0	\$	7,779
	PROBABLE CAUSE: THE CREW OF 01/19/90 11:00 PM JACKSON TYPE OF TRACK: CLASS OF TRACK:	MAIN 3	MI	HIGHWAY-RAIL CROSS	ING 1	0	\$	7,779

BN	01/22/90 08:10 AM TASCOSA		TX ,	DERAILMENT	1	0	\$ '	1,818,000
	TYPE OF TRACK:	MAIN			*			
	CLASS OF TRACK:	4		·				
14	METHOD OF OPERATION:	TRACK WARRANT	CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	OIG	52	50 MPH
	EQUIPMENT DERAILED:	41 CAR(S)			-			
	CROSSING PROTECTION					-		
	PROBABLE CAUSE: BROKEN RAIL	(DETAIL FRACTURE	:).					
CSX	01/22/90 01:05 PM PARKWOOD		AL	OBSTRUCTION	0	4	\$	511,300
	TYPE OF TRACK:	MAIN			ar ja			
1	CLASS OF TRACK:	3	•					
15	METHOD OF OPERATION:	TRAFFIC CONTR	ROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	684	21	40 MPH
	EQUIPMENT DERAILED:	6 LOCOMOTIVE	(S)	6				
	•	16 CAR(S)						
	CROSSING PROTECTION			•		•		•
	PROBABLE CAUSE: THE TRACK ST	•	RUCTED BY	DIRT AND ROCK RESULTING	FROM THE SUDDE	N COLLAPSE	OF AI	N
	•	•	RUCTED BY	DIRT AND ROCK RESULTING	FROM THE SUDDE	N COLLAPSE	OF AI	N
ATK	•	RUCTURE WAS OBST	RUCTED BY		FROM THE SUDDE	N COLLAPSE	OF AI	790
ATK	EMBANKMENT.	RUCTURE WAS OBST				•••••		••••••
	EMBANKMENT.  01/27/90 01:00 PM SCHODACK	RUCTURE WAS OBST				0	\$	790
ATK 16	EMBANKMENT.  01/27/90 01:00 PM SCHODACK TYPE OF TRACK:	RUCTURE WAS OBST	NY POL			0		••••••
	EMBANKMENT.  01/27/90 01:00 PM SCHODACK TYPE OF TRACK: CLASS OF TRACK:	RUCTURE WAS OBST	NY ROL TOP	OTHER	1	0	\$	790
	EMBANKMENT.  01/27/90 01:00 PM SCHODACK TYPE OF TRACK: CLASS OF TRACK:	RUCTURE WAS OBST  LANDING MAIN 6 TRAFFIC CONTR CAB SIGNAL AUTO TRAIN ST	NY ROL TOP	OTHER	1	0	\$	790
	EMBANKMENT.  01/27/90 01:00 PM SCHODACK TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	RUCTURE WAS OBST  LANDING MAIN 6 TRAFFIC CONTR CAB SIGNAL AUTO TRAIN ST AUTO TRAIN CO	NY ROL TOP	OTHER	1	0	\$	790
	O1/27/90 O1:00 PM SCHODACK TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:  EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: WHEELCHAIR C	RUCTURE WAS OBST	NY COL TOP ONTROL	OTHER MOVEMENTS INVOLVED:	1 PASSENGER TRA	O NC	<b></b> \$	790 110 MPH
	O1/27/90 O1:00 PM SCHODACK TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:  EQUIPMENT DERAILED: CROSSING PROTECTION	RUCTURE WAS OBST	NY COL TOP ONTROL	OTHER MOVEMENTS INVOLVED:	1 PASSENGER TRA	O NC	<b></b> \$	790 110 MPH
	O1/27/90 O1:00 PM SCHODACK TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:  EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: WHEELCHAIR C	RUCTURE WAS OBST	NY COL TOP ONTROL	OTHER MOVEMENTS INVOLVED:	1 PASSENGER TRA	O NC	<b></b> \$	790 110 MPH

	04/27/00 02-/7 AM MaUENDY		IL	DEAD-END COLLISION	0	3	•	478,401
IW	01/27/90 02:47 AM MCHENRY	MAIN	11	REAR-END COLLISION	U	3	Ð	470,401
	TYPE OF TRACK:			•				
	CLASS OF TRACK:	3						20
17	METHOD OF OPERATION:	YARD LIMITS		MOVEMENTS INVOLVED:				
		* 11,			LIGHT LOCO(S)			
			;		PASSENGER TRAI	N 608	3	0 MPH
	EQUIPMENT DERAILED:	2 CAR(S)				•		
	CROSSING PROTECTION				•			
	PROBABLE CAUSE: THE CREW OF	WJA15 FAILED TO S	ECURE FOU	R UNATTENDED LOCOMOTIVES	(4412).			
JP	01/28/90 05:18 PM KELSO		CA	OTHER	0	3	\$	0
	TYPE OF TRACK:	MAIN						
	CLASS OF TRACK:	2						
18	METHOD OF OPERATION:	TRAFFIC CONTRO	L	MOVEMENTS INVOLVED:	FREIGHT TRAIN	OGRLI	3	56 MPH
	EQUIPMENT DERAILED:	NONE		•				
	CROSSING PROTECTION							
	PROBABLE CAUSE: THE CREW OF INSTRUCTIONS.	EXTRA OGRLB FAILE	D TO CONT	ROL THE SPEED OF THEIR TO	RAIN IN ACCORDA	NCE WITH T	(MET	ABLE SPECI
		EXTRA OGRLB FAILE	D TO CONT	ROL THE SPEED OF THEIR TO	RAIN IN ACCORDA	NCE WITH T	(MET	ABLE SPECI
 ATK		EXTRA OGRLB FAILE	D TO CONT	ROL THE SPEED OF THEIR TE	·		(MET/	ABLE SPECI
	INSTRUCTIONS.	EXTRA OGRLB FAILE			·			
	INSTRUCTIONS.	EXTRA OGRLB FAILE			·			
 ATK CSX	INSTRUCTIONS. 01/29/90 02:55 PM TAMPA				·			
	INSTRUCTIONS.  01/29/90 02:55 PM TAMPA  TYPE OF TRACK:	MAIN	FL		ING 1	1		25
CSX	INSTRUCTIONS.  01/29/90 02:55 PM TAMPA  TYPE OF TRACK: CLASS OF TRACK:	MAIN 5	FL	HIGHWAY-RAIL CROSS	ING 1	1	\$	25
CSX	INSTRUCTIONS.  01/29/90 02:55 PM TAMPA  TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	MAIN 5 TRAFFIC CONTRO	FL	HIGHWAY-RAIL CROSS	ING 1	1	\$	25
CSX	INSTRUCTIONS.  01/29/90 02:55 PM TAMPA  TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 5 TRAFFIC CONTRO NONE	FL L	HIGHWAY-RAIL CROSS	ING 1 PASSENGER TRAI	1 N PO8	\$ 7	25 77 MPH

CODE	DATE TIME CITY/STAT			ACCIDENT TYPE	KILLED	INJUKED	KI	R DAMAGE
P	01/30/90 04:20 AM ELK GROV TYPE OF TRACK:	E MAIN	CA	DERAILMENT	Ö	0	\$	380,500
	CLASS OF TRACK:	4						
20	METHOD OF OPERATION:			MOVEMENTS INVOLVED:	FREIGHT TRAIN	RVW	ICU	56 MPH
		14 CAR(S)		FVÁCHATED. /7		•		
	HAZARDOUS MATERIALS RELEASED CROSSING PROTECTION	: , 1ES,	NUMBER	EVACUATED: 43		•		
	PROBABLE CAUSE: BURNED OFF	JOURNAL DUE TO A FA	ILED ROLL	ER BEARING AT THE L-4 (	LOCATION ON FLA	T CAR SP 5	65011	-
N	01/30/90 01:50 PM FORDLAND		МО	HIGHWAY-RAIL CROSS	SING 2	Ö	\$	0
	TYPE OF TRACK:	MAIN				•		
	CLASS OF TRACK:	4						
21	METHOD OF OPERATION:	TRAFFIC CONTROL	,	MOVEMENTS INVOLVED:	FREIGHT TRAIN	181	30	54 MPH
21	METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR V HIGHWAY-RAIL GRADE CROSSING.	NONE EHICLE OPERATOR FAI	,	MOVEMENTS INVOLVED:				
21	EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR V	NONE EHICLE OPERATOR FAI	,					
21	EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR V HIGHWAY-RAIL GRADE CROSSING.	NONE EHICLE OPERATOR FAI	,					
21 ATK	EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR V HIGHWAY-RAIL GRADE CROSSING.	NONE EHICLE OPERATOR FAI	LED TO YI	ELD THE RIGHT-OF-WAY TO	D AN ONCOMING F	REIGHT TRA		
	EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR V HIGHWAY-RAIL GRADE CROSSING.	NONE EHICLE OPERATOR FAI	,	ELD THE RIGHT-OF-WAY TO	D AN ONCOMING F	REIGHT TRA	IN AT	Α
	EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR V HIGHWAY-RAIL GRADE CROSSING.	NONE EHICLE OPERATOR FAI	LED TO YI	ELD THE RIGHT-OF-WAY TO	D AN ONCOMING F	REIGHT TRA	IN AT	Α
	EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR V HIGHWAY-RAIL GRADE CROSSING.  02/01/90 01:30 PM CHASE TYPE OF TRACK:	NONE EHICLE OPERATOR FAI	LED TO YI	ELD THE RIGHT-OF-WAY TO	O AN ONCOMING F	REIGHT TRA	IN AT	A 0
ATK	EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR V HIGHWAY-RAIL GRADE CROSSING.  02/01/90 01:30 PM CHASE TYPE OF TRACK: CLASS OF TRACK:	NONE  EHICLE OPERATOR FAI  MAIN  6  TRAFFIC CONTROL CAB SIGNAL	LED TO YI	ELD THE RIGHT-OF-WAY TO	2 PASSENGER TRA	REIGHT TRA	AIN AT	A 0
ATK	EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR V HIGHWAY-RAIL GRADE CROSSING.  02/01/90 01:30 PM CHASE TYPE OF TRACK: CLASS OF TRACK:	MAIN 6 TRAFFIC CONTROL CAB SIGNAL AUTO TRAIN STOP	LED TO YI	ELD THE RIGHT-OF-WAY TO	O AN ONCOMING F	REIGHT TRA	AIN AT	A 0
ATK	EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR V HIGHWAY-RAIL GRADE CROSSING.  02/01/90 01:30 PM CHASE TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	MAIN 6 TRAFFIC CONTROL CAB SIGNAL AUTO TRAIN CONT	LED TO YI	ELD THE RIGHT-OF-WAY TO	2 PASSENGER TRA	REIGHT TRA	AIN AT	A 0
ATK	EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR V HIGHWAY-RAIL GRADE CROSSING.  02/01/90 01:30 PM CHASE TYPE OF TRACK: CLASS OF TRACK:	MAIN 6 TRAFFIC CONTROL CAB SIGNAL AUTO TRAIN STOP	LED TO YI	ELD THE RIGHT-OF-WAY TO	2 PASSENGER TRA	REIGHT TRA	AIN AT	A 0

11/16/92

Page 9

	DATE	TIME	CITY/STATION	ST	ATE		TYPE	KILL	ED II	JURED	RI	R DAMAGE
ATK Up	02/04/90	12:43 AM			AR		-RAIL CROSS	ING 2		0	\$	5,000
	TYPE OF T	RACK:		MAIN								
	CLASS OF	TRACK:		5								
23	METHOD OF	OPERATIO	N:	TRAFFIC CONTROL		MOVEMENTS	NVOLVED:	PASSENGE	R TRAIN	N	022	75 MPH
	EQUIPMENT	DERAILED	:	NONE								
	CROSSING	PROTECTIO	N									
	DDODADI E	CAUSE. TI	UE MOTOR VENT	CLE OPERATOR FAIL	ED TO VIS	IN THE DICH	T-OE-DAY TO	AN ONCOM	THE DASS	ENCED	TRAIN	AT A
	PRODADLE	CHUSE: I	HE MOTOR VENT	CLE OPERATOR PAIL	ED 10 111	ELD INC KIGH	I-OF-WAT TO	AN UNCOM	ING PAS	CNUCK	IKMIN	NI A
	HIGHUAY-R	ATI GRADE	CROSSING.									
			CROSSING. RS: THE MOTOR	VEHICLE OPERATOR	'S BLOOD	ALCOHOL LEV	EL WAS MEAS	URED AT 0	.08 PER	CENT.		
	CONTRIBUT	ING FACTO	RS: THE MOTOR	VEHICLE OPERATOR								5 000
up	CONTRIBUT	ING FACTO	RS: THE MOTOR		'S BLOOD		EL WAS MEAS 				<b>s</b>	5,000
UP	CONTRIBUT 	ING FACTO 02:10 PM FRACK:	RS: THE MOTOR	VEHICLE OPERATOR  MAIN 5							\$	5,000
 UP 24	02/05/90 TYPE OF 1	O2:10 PM  O2:10 PM  ORACK:  TRACK:	RS: THE MOTOR  DELTA	MAIN	UT		-RAIL CROSS	ING 3		0		•
	02/05/90 TYPE OF T	O2:10 PM  O2:10 PM  ORACK:  TRACK:	RS: THE MOTOR  DELTA	MAIN 5	UT	HIGHWAY	-RAIL CROSS	ING 3		0		•

	DATE TIME CITY/ST	ATION S	TATE	ACCIDENT TYPE	KILLED	INJURED	RR	DAMAGE
s00	02/06/90 04:30 PM WATSEK TYPE OF TRACK: CLASS OF TRACK:	A MAIN 4	IL	HIGHWAY-RAIL CROSS	ING 2	0	\$	1,500
25	METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION	•		MOVEMENTS INVOLVED:	FREIGHT TRAIN	<b>Z45</b>	5 <b>7</b>	50 MPH
	PROBABLE CAUSE: THE MOTOR HIGHWAY-RAIL GRADE CROSSIN	•	LED TO YIE	ELD THE RIGHT-OF-WAY TO	AN ONCOMING FR	REIGHT TRÁI	N AT	A
			ı		;			
ATK	02/07/90 08:07 AM WALTHA	MAIN		HIGHWAY-RAIL CROSS	ING O	2	\$	2,100
26	CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION	AUTOMATIC BLOCK NONE		MOVEMENTS INVOLVED:	PASSENGER TRAI	N 408E	A	57 MPH
	PROBABLE CAUSE: THE MOTOR		LED TO YIE	ELD THE RIGHT-OF-WAY TO	AN ONCOMING PA	ASSENGER TR	AIN A	T A
	1 c.							
UP	02/09/90 06:50 AM PAGE TYPE OF TRACK:	MAIN	 WA	DERAILMENT	0	0	\$	565,600
 UP 27	02/09/90 06:50 AM PAGE	MAIN 4 : TRAFFIC CONTROL 19 CAR(S)		MOVEMENTS INVOLVED:			-	•

TSF	02/09/90 09:15 AM TEMP	PLE	ΤX	<b>DERAILMENT</b>	0	0	\$	36,460
	TYPE OF TRACK:	YARD						
	CLASS OF TRACK:	1						
28	METHOD OF OPERATION:	YARD RULES		MOVEMENTS INVOLVED:	CUT OF CARS			10 MPH
	EQUIPMENT DERAILED:	7 CAR(S)						
	HAZARDOUS MATERIALS RELE	ASED: YES	NUMBER	EVACUATED: 300				
	CROSSING PROTECTION							
	PROBABLE CAUSE: THE YAR	RD CREW FAILED TO PR	OPERLY SECURE	THE CARS.				
CR	02/09/90 06:40 AM CHIC	CAGO	IL	HEAD-END COLLISION	0	0	\$	69,000
CNW	•	,	•					
	TYPE OF TRACK:	YARD						
	CLASS OF TRACK:	1						
29	METHOD OF OPERATION:	YARD RULES		MOVEMENTS INVOLVED:				O MPH
					FREIGHT TRAIN		74	8 MPH
	EQUIPMENT DERAILED:	NONE						
	CROSSING PROTECTION							
	PROBABLE CAUSE: FAILURE THE RANGE OF VISION.	OF THE CREW ON CNW	TRAIN NO. 74	TO OPERATE THEIR LOCOM	OTIVE PREPARED	TO STOP W	ITHIN	ONE-HALF
	THE RANGE OF VISION.				OTIVE PREPARED	TO STOP W	ITHIN	ONE-HALF
 ST					••••			
ST	THE RANGE OF VISION.				••••			
ST	THE RANGE OF VISION.  02/14/90 08:00 PM WINN	YARD 1			••••			
ST 30	THE RANGE OF VISION.  02/14/90 08:00 PM WINN TYPE OF TRACK:	N YARD			0	0	\$	
	THE RANGE OF VISION.  02/14/90 08:00 PM WINN TYPE OF TRACK: CLASS OF TRACK:	YARD 1		DERAILMENT	0	0	\$	3,700
	THE RANGE OF VISION.  02/14/90 08:00 PM WINN TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	YARD 1 YARD RULES		DERAILMENT	0	0	\$	3,700
	THE RANGE OF VISION.  02/14/90 08:00 PM WINN TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	YARD 1 Yard Rules 9 Car(s)	ME	DERAILMENT  MOVEMENTS INVOLVED:	O FREIGHT TRAIN	0 MA	\$ \$	3,700 10 MPH
	THE RANGE OF VISION.  02/14/90 08:00 PM WINN TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION	YARD 1 Yard Rules 9 Car(s)	ME	DERAILMENT  MOVEMENTS INVOLVED:	O FREIGHT TRAIN	0 MA	\$ \$	3,7 10 P

RR CODE	DATE TI	ME C	ITY/STATION		ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
MRL	02/14/90 0 TYPE OF TRA	CK:		MT *** MAIN 2	DERAILMENT	0	· 2	\$ 1,530,000
31 ·	METHOD OF O EQUIPMENT D CROSSING PR	PERATION: ERAILED:		TRACK WARRANT CONTROL 3 LOCOMOTIVE(S) 1 CAR(S)	MOVEMENTS INVOLVED:	FREIGHT TRAIN		5 72 MPH
	PROBABLE CA RESTRICTION		LURE OF THE	CREW TO CONTROL THE SPEED	OF THE TRAIN IN ACCO	RDANCE WITH A 2		•
				- K				
CSX	02/15/90 1 TYPE OF TRA CLASS OF TR	CK:	•	NC MAIN 2	HIGHWAY-RAIL CROS	SING 2	1	\$ 1,266
32	METHOD OF O EQUIPMENT D CROSSING PR	PERATION: PERAILED:		DIRECT TRAFFIC CONTROL NONE	MOVEMENTS INVOLVED:	FREIGHT TRAIN	R6961	25 MPH
	PROBABLE CA HIGHWAY-RAI			LE OPERATOR FAILED TO YIE	LD THE RIGHT-OF-WAY T	O AN ONCOMING F	REIGHT TRAIN	I AT A
						•		
				,				

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R CODE	DATE TIME	CITY/STATION		STATE	ACCIDENT TYPE	KILLED	INJURED	RR	DAMAGE
BN	02/17/90 08:00 AM			TX	DERAILMENT	0	0	\$	
	TYPE OF TRACK:		MAIN						
	CLASS OF TRACK:		4				454-		F (
33	METHOD OF OPERATIO	N:	TRACK WARRANT AUTOMATIC BLO		MOVEMENTS INVOLVED:	FREIGHT TRAIN	1511	J	54 MPH
	EQUIPMENT DERAILED	:	24 CAR(S)						
	HAZARDOUS MATERIAL CROSSING PROTECTION		YES	NUMBER	EVACUATED: 15				
	PROBABLE CAUSE: B	ROKEN TRUCK E	OLSTER ON ACFX	44524, THE	21ST CAR IN THE TRAIN	•			
IC BRC GTW	02/18/90 05:10 AM	I CHICAGO	÷	IL	RR GRADE CROSSING	0	0	\$	180,500
	TYPE OF TRACK:		MAIN						
	CLASS OF TRACK:		3						
34	METHOD OF OPERATIO	DN:	INTERLOCKING		MOVEMENTS INVOLVED:	PASSENGER TRAI			5 MPH 10 MPH
	EQUIPMENT DERAILED	):	3 LOCOMOTIVE( 6 CAR(S)	(S)					
	CROSSING PROTECTIO	N							
	PROBABLE CAUSE: F	AILURE OF THE	E IC CREW TO OF	PERATE TRAIN	GLTRA IN ACCORDANCE W	ITH A STOP SIGNA	L INDICATI	ON AT	A RR GRAD

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	DATE	TIME	CITY/STATION		STATE	ACCIDENT TYPE	KILLED	INJURED	RR	DAMAGE
BN	02/20/90	07:10 PM	CUMMINGS		ND	DERAILMENT	0	0	\$	356,092
	TYPE OF 1	TRACK:		MAIN						
	CLASS OF	TRACK:		4						
35	METHOD OF	OPERATION	N:	TRACK WARR	ANT CONTROL BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	43B	в0	41 MPH
	EQUIPMENT	DERAILED	:	26 CAR(S)						
	CROSSING	PROTECTIO	N							
	PROBABLE	CAUSE: B	URNED OFF JOU	RNAL DUE TO	A FAILED ROLL	ER BEARING AT THE L-4	LOCATION ON BN !	575314.		
BN	02/20/90	08:55 PM	DESOTA		ŴĬ	DERAILMENT	0	Ò	\$	306,000
	TYPE OF 1	RACK:	•	MAIN	• ,	grand the second				
	CLASS OF	TRACK:		4		•				
<b>3</b> 6 '	METHOD OF	OPERATIO	N:	TRACK WARRA	ANT CONTROL BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	1A1	07	52 MPH
	EQUIPMEN1	DERAILED	:	20 CAR(S)						
		DERAILED PROTECTION		20 CAR(S)						
	CROSSING	PROTECTIO	N			ER BEARING AT THE L-2	LOCATION ON BOX	CAR RBOX	44076.	
AEC	CROSSING PROBABLE	PROTECTIO	N URNED OFF JOU			ER BEARING AT THE L-2		CAR RBOX	44076. \$	61,250
ÁEC	CROSSING PROBABLE	PROTECTION CAUSE: BE	N URNED OFF JOU		A FAILED ROLL					
AEC	PROBABLE 02/21/90	CAUSE: BE 02:45 AM	N URNED OFF JOU	RNAL DUE TO	A FAILED ROLL					
AEC	PROBABLE 02/21/90 TYPE OF 1 CLASS OF	CAUSE: BE 02:45 AM	URNED OFF JOU KINSTON	RNAL DUE TO	A FAILED ROLL		SING 1	1		61,250
,	PROBABLE  02/21/90 TYPE OF 1 CLASS OF METHOD OF	CAUSE: BE 02:45 AM TRACK: TRACK:	URNED OFF JOU KINSTON	RNAL DUE TO MAIN 2 TIME TABLE	A FAILED ROLL	HIGHWAY-RAIL CROS	SING 1	1	\$	61,250
,	PROBABLE  02/21/90 TYPE OF 1 CLASS OF METHOD OF	PROTECTION  CAUSE: BI  02:45 AM  RACK: TRACK:	URNED OFF JOU KINSTON	MAIN 2 TIME TABLE TRAIN ORDER	A FAILED ROLL	HIGHWAY-RAIL CROS	SING 1	1	\$	61,250
,	PROBABLE  02/21/90 TYPE OF 1 CLASS OF METHOD OF  EQUIPMENT CROSSING	PROTECTION  CAUSE: BI  02:45 AM  FRACK:  TRACK:  TRACK:  OPERATION  DERAILED  PROTECTION	N URNED OFF JOU KINSTON N:	RNAL DUE TO MAIN 2 TIME TABLE TRAIN ORDER	A FAILED ROLL  NC	HIGHWAY-RAIL CROS	SING 1 FREIGHT TRAIN	1 NO	\$	61,250 25 MPH
,	PROBABLE  02/21/90 TYPE OF TO CLASS OF METHOD OF CLASS OF METHOD OF CROSSING  PROBABLE	PROTECTION  CAUSE: BI  02:45 AM  FRACK:  TRACK:  OPERATION  DERAILED  PROTECTION  CAUSE: TI	N URNED OFF JOU KINSTON N:	RNAL DUE TO MAIN 2 TIME TABLE TRAIN ORDER	A FAILED ROLL  NC	HIGHWAY-RAIL CROS	SING 1 FREIGHT TRAIN	1 NO	\$	61,250 25 MPH
AEC	PROBABLE  02/21/90 TYPE OF TO CLASS OF METHOD OF CLASS OF METHOD OF CROSSING  PROBABLE	PROTECTION  CAUSE: BI  02:45 AM  FRACK:  TRACK:  OPERATION  DERAILED  PROTECTION  CAUSE: TI	N URNED OFF JOU KINSTON N: N HE TRACTOR-TR	MAIN 2 TIME TABLE TRAIN ORDE	A FAILED ROLL  NC  RS	HIGHWAY-RAIL CROS	SING 1 FREIGHT TRAIN	1 NO	\$	61,250 25 MPH
	PROBABLE  02/21/90 TYPE OF TO CLASS OF METHOD OF CLASS OF METHOD OF CROSSING  PROBABLE	PROTECTION  CAUSE: BI  02:45 AM  FRACK:  TRACK:  OPERATION  DERAILED  PROTECTION  CAUSE: TI	N URNED OFF JOU KINSTON N: N	MAIN 2 TIME TABLE TRAIN ORDER NONE	A FAILED ROLL  NC  RS	HIGHWAY-RAIL CROS	SING 1 FREIGHT TRAIN	1 NO	\$	61,250 25 MPH

	DATE TIME	CITY/STATION	ST/	ATE	ACCIDENT TYPE	KILLED	INJURED	RR 	DAMAGE
BN	02/24/90 07:47 PM TYPE OF TRACK: CLASS OF TRACK:		LLS <sub>,</sub> Main 1	MT	DERAILMENT	0	0	\$	153,500
38	METHOD OF OPERATIO EQUIPMENT DERAILED CROSSING PROTECTIO	N: :			MOVEMENTS INVOLVED:	FREIGHT TRAIN	0101	4	10 MPH
	PROBABLE CAUSE: I LOADED TRAILER VAN				D ONE QUARTER INCHES F	ROM UNIFORMITY	IN COMBINA	TION	WITH A
٠									
CR	02/25/90 02:52 AM TYPE OF TRACK: CLASS OF TRACK:		MAIN 5	ОН	HIGHWAY-RAIL CROSS	ING 2	0	\$	0
CR 39	• •	N: :	MAIN		HIGHWAY-RAIL CROSS		·		0 58 MPH

TYPE OF TRACK: CLASS OF TRACK: 4  40 METHOD OF OPERATION: EQUIPMENT DERAILED: NONE  PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN A HIGHWAY-RAIL GRADE CROSSING.  BN 02/28/90 06:55 PM IRONDALE TYPE OF TRACK: MAIN CLASS OF TRACK: 44 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: CROSSING PROTECTION  PROBABLE CAUSE: FAILURE OF A BN YARD CREW TO PROPERLY SECURE A CUT OF CARS. CONTRIBUTING FACTORS: FAILURE TO APPLY DERAIL IN THE DERAILING POSITION.  SSW 03/01/90 02:30 PM NELSON  TYPE OF TRACK: TYPE OF TRACK	CODE	DATE	TIME	CITY/STATION		STATE	ACCIDENT	TYPE	KILLE	D IN.	IURED	RR I	DAMAGE
CLASS OF TRACK:  40 METHOD OF OPERATION: TRACK WARRANT CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN NO31 EQUIPMENT DERAILED: NONE  CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN A HIGHWAY-RAIL GRADE CROSSING.  BN 02/28/90 06:55 PM IRONDALE CO OTHER 0 1 \$ TYPE OF TRACK: MAIN CLASS OF TRACK: 4  41 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: CUT OF CARS FREIGHT TRAIN 59QQO EQUIPMENT DERAILED: 1 LOCOMOTIVE(S) 1 CAR(S)  CROSSING PROTECTION  PROBABLE CAUSE: FAILURE OF A BN YARD CREW TO PROPERLY SECURE A CUT OF CARS. CONTRIBUTING FACTORS: FAILURE TO APPLY DERAIL IN THE DERAILING POSITION.  SSN 03/01/90 02:30 PM NELSON MO DERAILMENT 0 0 \$ TYPE OF TRACK: MAIN CLASS OF TRACK: 1 AUTOMATIC BLOCK EQUIPMENT DERAILED: 1 LOCOMOTIVE(S) 28 CAR(S)	BN	02/26/90	11:24 AM	HERRIN		IL	HIGHWAY	-RAIL CROS	SING 2		0	\$	0
40 METHOD OF OPERATION: TRACK WARRANT CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN NO31 EQUIPMENT DERAILED: NONE  CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN A HIGHWAY-RAIL GRADE CROSSING.  BN 02/28/90 06:55 PM IRONDALE CO OTHER 0 1 \$ TYPE OF TRACK: MAIN CLASS OF TRACK: 4 41 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: CUT OF CARS FREIGHT TRAIN 59QQO  EQUIPMENT DERAILED: 1 LOCOMOTIVE(S) 1 CAR(S)  CROSSING PROTECTION  PROBABLE CAUSE: FAILURE OF A BN YARD CREW TO PROPERLY SECURE A CUT OF CARS. CONTRIBUTING FACTORS: FAILURE TO APPLY DERAIL IN THE DERAILING POSITION.  SSW 03/01/90 02:30 PM NELSON MO DERAILMENT 0 0 \$ MP  TYPE OF TRACK: MAIN CLASS OF TRACK: 3 42 METHOD OF OPERATION: TRACK WARRANT CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN 5325E AUTOMATIC BLOCK 1 LOCOMOTIVE(S) 28 CAR(S)		TYPE OF 1	TRACK:		MAIN								
EQUIPMENT DERAILED: NONE CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN A HIGHWAY-RAIL GRADE CROSSING.  BN 02/28/90 06:55 PM IRONDALE CO OTHER 0 1 \$ TYPE OF TRACK: MAIN CLASS OF TRACK: 4 41 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: CUT OF CARS FREIGHT TRAIN 59QQO  EQUIPMENT DERAILED: 1 LOCOMOTIVE(S) 1 CAR(S)  CROSSING PROTECTION  PROBABLE CAUSE: FAILURE OF A BN YARD CREW TO PROPERLY SECURE A CUT OF CARS. CONTRIBUTING FACTORS: FAILURE TO APPLY DERAIL IN THE DERAILING POSITION.  SSW 03/01/90 02:30 PM NELSON MO DERAILMENT 0 0 \$ MP  TYPE OF TRACK: MAIN CLASS OF TRACK: 3 42 METHOD OF OPERATION: TRACK WARRANT CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN 5325E AUTOMATIC BLOCK EQUIPMENT DERAILED: 1 LOCOMOTIVE(S) 28 CAR(S)		CLASS OF	TRACK:		4								
CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN A HIGHWAY-RAIL GRADE CROSSING.  BN 02/28/90 06:55 PM IRONDALE CO OTHER 0 1 \$ TYPE OF TRACK: MAIN CLASS OF TRACK: 4 41 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: CUT OF CARS EQUIPMENT DERAILED: 1 LOCOMOTIVE(S) 1 CAR(S) CROSSING PROTECTION  PROBABLE CAUSE: FAILURE OF A BN YARD CREW TO PROPERLY SECURE A CUT OF CARS. CONTRIBUTING FACTORS: FAILURE TO APPLY DERAIL IN THE DERAILING POSITION.  SSM 03/01/90 02:30 PM NELSON MO DERAILMENT 0 0 \$ MP TYPE OF TRACK: MAIN CLASS OF TRACK: 3 42 METHOD OF OPERATION: TRACK WARRANT CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN 5325E AUTOMATIC BLOCK EQUIPMENT DERAILED: 1 LOCOMOTIVE(S) 28 CAR(S)	40	METHOD OF	OPERATION	l:	TRACK WARRANT	CONTROL	MOVEMENTS	INVOLVED:	FREIGHT 1	TRAIN	NO31		45 MPH
PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN A HIGHWAY-RAIL GRADE CROSSING.  BN 02/28/90 06:55 PM IRONDALE CO OTHER 0 1 \$ TYPE OF TRACK: MAIN CLASS OF TRACK: 4 41 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: CUT OF CARS FREIGHT TRAIN 59QQO EQUIPMENT DERAILED: 1 LOCOMOTIVE(S) 1 CAR(S) CROSSING PROTECTION  PROBABLE CAUSE: FAILURE OF A BN YARD CREW TO PROPERLY SECURE A CUT OF CARS. CONTRIBUTING FACTORS: FAILURE TO APPLY DERAIL IN THE DERAILING POSITION.  SSM 03/01/90 02:30 PM NELSON MO DERAILMENT 0 0 \$ MP TYPE OF TRACK: MAIN CLASS OF TRACK: 3 42 METHOD OF OPERATION: TRACK WARRANT CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN 5325E AUTOMATIC BLOCK EQUIPMENT DERAILED: 1 LOCOMOTIVE(S) 28 CAR(S)		EQUIPMENT	DERAILED:	1	NONE								
HIGHWAY-RAIL GRADE CROSSING.  BN 02/28/90 06:55 PM IRONDALE CO OTHER 0 1 \$ TYPE OF TRACK: MAIN CLASS OF TRACK: 4 41 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: CUT OF CARS FREIGHT TRAIN 590QO EQUIPMENT DERAILED: 1 LOCOMOTIVE(S) 1 CAR(S)  CROSSING PROTECTION  PROBABLE CAUSE: FAILURE OF A BN YARD CREW TO PROPERLY SECURE A CUT OF CARS. CONTRIBUTING FACTORS: FAILURE TO APPLY DERAIL IN THE DERAILING POSITION.  SSW 03/01/90 02:30 PM NELSON MO DERAILMENT 0 0 \$ MP TYPE OF TRACK: MAIN CLASS OF TRACK: 3 42 METHOD OF OPERATION: TRACK WARRANT CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN 5325E AUTOMATIC BLOCK EQUIPMENT DERAILED: 1 LOCOMOTIVE(S) 28 CAR(S)		CROSSING	PROTECTION	1									
BN 02/28/90 06:55 PM IRONDALE CO OTHER 0 1 \$ TYPE OF TRACK: MAIN CLASS OF TRACK: 4 41 METHOD OF OPERATION: TRAFFIC CONTOL MOVEMENTS INVOLVED: CUT OF CARS FREIGHT TRAIN 59QQO  EQUIPMENT DERAILED: 1 LOCOMOTIVE(S) 1 CAR(S)  CROSSING PROTECTION  PROBABLE CAUSE: FAILURE OF A BN YARD CREW TO PROPERLY SECURE A CUT OF CARS. CONTRIBUTING FACTORS: FAILURE TO APPLY DERAIL IN THE DERAILING POSITION.  SSW 03/01/90 02:30 PM NELSON MO DERAILMENT 0 0 \$ MP  TYPE OF TRACK: MAIN CLASS OF TRACK: 3 42 METHOD OF OPERATION: TRACK WARRANT CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN 5325E AUTOMATIC BLOCK EQUIPMENT DERAILED: 1 LOCOMOTIVE(S) 28 CAR(S)		PROBABLE	CAUSE: TH	E MOTOR VEHIC	CLE OPERATOR F	AILED TO Y	IELD THE RIGI	T-OF-WAY T	O AN ONCOM	NG FREI	HT TRAIN	AT A	
TYPE OF TRACK: MAIN CLASS OF TRACK: 4  41 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: CUT OF CARS FREIGHT TRAIN 59QQO  EQUIPMENT DERAILED: 1 LOCOMOTIVE(S) 1 CAR(S)  CROSSING PROTECTION  PROBABLE CAUSE: FAILURE OF A BN YARD CREW TO PROPERLY SECURE A CUT OF CARS. CONTRIBUTING FACTORS: FAILURE TO APPLY DERAIL IN THE DERAILING POSITION.  SSW 03/01/90 02:30 PM NELSON MO DERAILMENT 0 0 \$  MP  TYPE OF TRACK: MAIN CLASS OF TRACK: 3  42 METHOD OF OPERATION: TRACK WARRANT CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN 5325E AUTOMATIC BLOCK EQUIPMENT DERAILED: 1 LOCOMOTIVE(S) 28 CAR(S)		HIGHWAY-F	RAIL GRADE	CROSSING.		•	,	, ,,			7		
TYPE OF TRACK: MAIN CLASS OF TRACK: 4  41 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: CUT OF CARS FREIGHT TRAIN 59QQO  EQUIPMENT DERAILED: 1 LOCOMOTIVE(S) 1 CAR(S)  CROSSING PROTECTION  PROBABLE CAUSE: FAILURE OF A BN YARD CREW TO PROPERLY SECURE A CUT OF CARS. CONTRIBUTING FACTORS: FAILURE TO APPLY DERAIL IN THE DERAILING POSITION.  SSW 03/01/90 02:30 PM NELSON MO DERAILMENT 0 0 \$  MP  TYPE OF TRACK: MAIN CLASS OF TRACK: 3  42 METHOD OF OPERATION: TRACK WARRANT CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN 5325E AUTOMATIC BLOCK EQUIPMENT DERAILED: 1 LOCOMOTIVE(S) 28 CAR(S)													
TYPE OF TRACK: MAIN CLASS OF TRACK: 4  41 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: CUT OF CARS FREIGHT TRAIN 59QQO  EQUIPMENT DERAILED: 1 LOCOMOTIVE(S) 1 CAR(S)  CROSSING PROTECTION  PROBABLE CAUSE: FAILURE OF A BN YARD CREW TO PROPERLY SECURE A CUT OF CARS. CONTRIBUTING FACTORS: FAILURE TO APPLY DERAIL IN THE DERAILING POSITION.  SSW 03/01/90 02:30 PM NELSON MO DERAILMENT 0 0 \$  MP  TYPE OF TRACK: MAIN CLASS OF TRACK: 3  42 METHOD OF OPERATION: TRACK WARRANT CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN 5325E AUTOMATIC BLOCK EQUIPMENT DERAILED: 1 LOCOMOTIVE(S) 28 CAR(S)									,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
CLASS OF TRACK:  41 METHOD OF OPERATION: TRAFFIC CONTROL MOVEMENTS INVOLVED: CUT OF CARS FREIGHT TRAIN 59QQO  EQUIPMENT DERAILED: 1 LOCOMOTIVE(S) 1 CAR(S)  CROSSING PROTECTION  PROBABLE CAUSE: FAILURE OF A BN YARD CREW TO PROPERLY SECURE A CUT OF CARS. CONTRIBUTING FACTORS: FAILURE TO APPLY DERAIL IN THE DERAILING POSITION.  SSW 03/01/90 02:30 PM NELSON  MP  TYPE OF TRACK: MAIN CLASS OF TRACK: 3  42 METHOD OF OPERATION: TRACK WARRANT CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN 5325E AUTOMATIC BLOCK EQUIPMENT DERAILED: 1 LOCOMOTIVE(S) 28 CAR(S)	BN	02/28/90	06:55 PM	IRONDALE		co 、	OTHER		0		1	\$	73,000
41 METHOD OF OPERATION:  TRAFFIC CONTROL  MOVEMENTS INVOLVED:  CUT OF CARS FREIGHT TRAIN  59QQO  EQUIPMENT DERAILED:  1 LOCOMOTIVE(S) 1 CAR(S)  CROSSING PROTECTION  PROBABLE CAUSE: FAILURE OF A BN YARD CREW TO PROPERLY SECURE A CUT OF CARS. CONTRIBUTING FACTORS: FAILURE TO APPLY DERAIL IN THE DERAILING POSITION.  SSW 03/01/90 02:30 PM NELSON  MO DERAILMENT  1 O 0 \$  TYPE OF TRACK:  MAIN CLASS OF TRACK:  3  42 METHOD OF OPERATION:  TRACK WARRANT CONTROL  MOVEMENTS INVOLVED: FREIGHT TRAIN  5325E  AUTOMATIC BLOCK EQUIPMENT DERAILED:  1 LOCOMOTIVE(S) 28 CAR(S)		TYPE OF 1	TRACK:		MAIN				*	,	, •		
EQUIPMENT DERAILED: 1 LOCOMOTIVE(S) 1 CAR(S)  CROSSING PROTECTION  PROBABLE CAUSE: FAILURE OF A BN YARD CREW TO PROPERLY SECURE A CUT OF CARS. CONTRIBUTING FACTORS: FAILURE TO APPLY DERAIL IN THE DERAILING POSITION.  SSW 03/01/90 02:30 PM NELSON MO DERAILMENT 0 0 \$  MP  TYPE OF TRACK: MAIN CLASS OF TRACK: 3  42 METHOD OF OPERATION: TRACK WARRANT CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN 5325E AUTOMATIC BLOCK EQUIPMENT DERAILED: 1 LOCOMOTIVE(S) 28 CAR(S)		CLASS OF	TRACK:		4			•					
EQUIPMENT DERAILED: 1 LOCOMOTIVE(S) 1 CAR(S)  CROSSING PROTECTION  PROBABLE CAUSE: FAILURE OF A BN YARD CREW TO PROPERLY SECURE A CUT OF CARS. CONTRIBUTING FACTORS: FAILURE TO APPLY DERAIL IN THE DERAILING POSITION.  SSW 03/01/90 02:30 PM NELSON MO DERAILMENT 0 0 \$  MP  TYPE OF TRACK: MAIN CLASS OF TRACK: 3  42 METHOD OF OPERATION: TRACK WARRANT CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN 5325E AUTOMATIC BLOCK EQUIPMENT DERAILED: 1 LOCOMOTIVE(S) 28 CAR(S)	41	METHOD OF	OPERATION	l:	TRAFFIC CONTR	OL	MOVEMENTS	INVOLVED:			50000		30 MPH
CROSSING PROTECTION  PROBABLE CAUSE: FAILURE OF A BN YARD CREW TO PROPERLY SECURE A CUT OF CARS. CONTRIBUTING FACTORS: FAILURE TO APPLY DERAIL IN THE DERAILING POSITION.  SSW 03/01/90 02:30 PM NELSON MO DERAILMENT 0 0 \$  MP  TYPE OF TRACK: MAIN CLASS OF TRACK: 3  42 METHOD OF OPERATION: TRACK WARRANT CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN 5325E AUTOMATIC BLOCK EQUIPMENT DERAILED: 1 LOCOMOTIVE(S) 28 CAR(S)		EQUIT DMENT	DEDAILED.		1 LOCOMOTIVE	S)	· 4.		r KLIGHT	I KNAM	J7440		O MITT
CROSSING PROTECTION  PROBABLE CAUSE: FAILURE OF A BN YARD CREW TO PROPERLY SECURE A CUT OF CARS. CONTRIBUTING FACTORS: FAILURE TO APPLY DERAIL IN THE DERAILING POSITION.  SSW 03/01/90 02:30 PM NELSON MO DERAILMENT 0 0 \$  MP  TYPE OF TRACK: MAIN CLASS OF TRACK: 3  42 METHOD OF OPERATION: TRACK WARRANT CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN 5325E AUTOMATIC BLOCK EQUIPMENT DERAILED: 1 LOCOMOTIVE(S) 28 CAR(S)		- Lact Licht	DERMILLD.	1		<b>.</b> ,		6					
PROBABLE CAUSE: FAILURE OF A BN YARD CREW TO PROPERLY SECURE A CUT OF CARS.  CONTRIBUTING FACTORS: FAILURE TO APPLY DERAIL IN THE DERAILING POSITION.  SSW 03/01/90 02:30 PM NELSON MO DERAILMENT 0 0 \$  MP  TYPE OF TRACK: MAIN CLASS OF TRACK: 3  42 METHOD OF OPERATION: TRACK WARRANT CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN 5325E  AUTOMATIC BLOCK EQUIPMENT DERAILED: 1 LOCOMOTIVE(S) 28 CAR(S)		CRUSSING	PROTECTION	ı	1,0,100								
CONTRIBUTING FACTORS: FAILURE TO APPLY DERAIL IN THE DERAILING POSITION.  SSW 03/01/90 02:30 PM NELSON MO DERAILMENT 0 0 \$  MP  TYPE OF TRACK: MAIN CLASS OF TRACK: 3  42 METHOD OF OPERATION: TRACK WARRANT CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN 5325E AUTOMATIC BLOCK EQUIPMENT DERAILED: 1 LOCOMOTIVE(S) 28 CAR(S)	•	a,coorna	T KOTEOTTO				,		:	•			
MP TYPE OF TRACK: MAIN CLASS OF TRACK: 3  42 METHOD OF OPERATION: TRACK WARRANT CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN 5325E AUTOMATIC BLOCK EQUIPMENT DERAILED: 1 LOCOMOTIVE(S) 28 CAR(S)													
TYPE OF TRACK: MAIN  CLASS OF TRACK: 3  42 METHOD OF OPERATION: TRACK WARRANT CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN 5325E  AUTOMATIC BLOCK  EQUIPMENT DERAILED: 1 LOCOMOTIVE(S)  28 CAR(S)		03/01/90	02:30 PM	NELSON		МО	DERAIL	ENT	0		0	\$ 1,8	303,204
42 METHOD OF OPERATION: TRACK WARRANT CONTROL MOVEMENTS INVOLVED: FREIGHT TRAIN 5325E  AUTOMATIC BLOCK  EQUIPMENT DERAILED: 1 LOCOMOTIVE(S)  28 CAR(S)		TYPE OF 1	RACK:		MAIN				. *	•			
AUTOMATIC BLOCK EQUIPMENT DERAILED: 1 LOCOMOTIVE(S) 28 CAR(S)		CLASS OF	TRACK:	•	3								
EQUIPMENT DERAILED: 1 LOCOMOTIVE(S) 28 CAR(S)	42 ,	METHOD OF	OPERATION	l <b>:</b>			MOVEMENTS	INVOLVED:	FREIGHT 1	RAIN	5325E		47 MPH
28 CAR(S)		COLLEDNES	. DEDATIED										
		EMOTEMENT	DEKAILED.		•	3,		,			•		•
CROSSING PROTECTION		CROSSING	PROTECTION		LO CAR(S)								
PROBABLE CAUSE: IRREGULAR CROSS LEVEL AND WIDE GAGE DUE TO INEFFECTIVE CROSS TIES.		PROBABLE	CAUSE: IR	REGULAR CROSS	E LEVEL AND WI	DE GAGE DUI	E TO INEFFECT	IVE CROSS	TIES.				

:SX	03/01/90 11:28 AM STEVE		HIGHWAY-RAIL CROSSI	NG 2	0	\$ 750
	TYPE OF TRACK:	MAIN				
/7	CLASS OF TRACK:	4	MOVEMENTS INVOLVED -	EDETOUT TRAIN	p202	28 48 MPH
43	METHOD OF OPERATION:	TRAFFIC CONTROL NONE	MOVEMENTS INVOLVED:	REIGHI IRAIN	KZUZ	.o 40 MPT
	EQUIPMENT DERAILED:	NONE				
,	CROSSING PROTECTION		·			
	PROBABLE CAUSE: THE MOTO HIGHWAY-RAIL GRADE CROSSI	R VEHICLE OPERATOR FAILED TO Y	TIELD THE RIGHT OF WAY TO A	AN ONCOMING F	REIGHT TRAI	N AT A
 BN	03/02/90 12:47 AM LUDLO	. со	DERAILMENT	0	1	\$ 783,200
	TYPE OF TRACK:	MAIN				
	CLASS OF TRACK:	3				
44	METHOD OF OPERATION:	TRACK WARRANT CONTROL AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	7021	IW 38 MPH
	EQUIPMENT DERAILED:	24 CAR(S)				
	CROSSING PROTECTION					
	PROBABLE CAUSE: BROKEN R	AIL DUE TO DETAIL FRACTURE OR	IGINATING FROM A HEAD CHEC	K ON THE GAGE	SIDE.	
GSF	03/02/90 08:37 PM MINEO	LA GA	HIGHWAY-RAIL CROSSI	NG 3	0	\$ 0
	TYPE OF TRACK:	MAIN				
	CLASS OF TRACK:	4				
45	METHOD OF OPERATION:	AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	NO24	6 55 MPH
		TRAIN ORDERS				
		TIME TABLE				
	EQUIPMENT DERAILED:	NONE				
	CROSSING PROTECTION					
	PROBABLE CAUSE: THE MOTO	R VEHICLE OPERATOR FAILED TO Y	YIELD THE RIGHT-OF-WAY TO	AN ONCOMING F	REIGHT AT #	HIGHWAY-RAIL
	GRADE CROSSING.					
	GRADE CROSSING.					

CODE	DATE TIME CITY/S	STATION		ACCIDENT TYPE	KILLED			R DAMAGE
W	03/02/90 04:14 PM UNION		ОН	HIGHWAY-RAIL CROSS	SING 2	0	\$	0
	TYPE OF TRACK:	MAIN		*			•	
	CLASS OF TRACK:	4						
46	METHOD OF OPERATION:	TRAFFIC Ć	ONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	N	0960	50 MPH
	EQUIPMENT DERAILED:	NONE						
	CROSSING PROTECTION							
	PROBABLE CAUSE: THE MOTO HIGHWAY-RAIL GRADE CROSSI		OR FAILED TO Y	TELD THE RIGHT-OF-WAY TO	AN ONCOMING FR	EIGHT T	RAIN AT	A
	•	*	•					
	*					•		•
						-,		
MP	03/06/90 06:05 AM TEXAR	RKANA	AR	SIDE COLLISION	0	1	\$	354,300
	TYPE OF TRACK:	MAIN		•				
	CLASS OF TRACK:	2.						
47	METHOD OF OPERATION:	TRAFFIC CO	ONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	F	WNL5	18 MPH
1			•	•		Þ		
	EQUIPMENT DERAILED:	17 CAR(S)				,		
	CROSSING PROTECTION							
				•				
	PROBABLE CAUSE: FAILURE	OF THE CREW OF PI	INL-06 TO OPER	ATE THEIR TRAIN AT REST	RICTED SPEED.			
CSX	03/09/90 11:46 PM HAMMO	OND	IN	HIGHWAY-RAIL CROSS	SING 2	0	\$	0
,	TYPE OF TRACK:	MAIN						
	CLASS OF TRACK:	2						
48	METHOD OF OPERATION:		เร	MOVEMENTS INVOLVED:	FREIGHT TRAIN		R337	20 MPH
	EQUIPMENT DERAILED:	NONE	,	71	•		•	•

		CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURE	D RF	R DAMAGE
NTK CR	03/11/90 12:35 AM	CANTON TOWNSHIP	MI	HIGHWAY-RAIL CROSS	ING 1	0	\$	0
	TYPE OF TRACK:	MAIN						
	CLASS OF TRACK:	4						
49	METHOD OF OPERATION	: TRAFFIC	CONTROL	MOVEMENTS INVOLVED:	PASSENGER '	TRAIN	NO354	69 MPH
	EQUIPMENT DERAILED:	NONE						
	CROSSING PROTECTION							
		E MOTOR VEHICLE LEFT S: REDUCED VISIBILITY		BECAME DISABLED ON THE ONDITIONS.	TRACK STRUC	TURE.	,	,
ATK Cr	03/12/90 07:13 AM	BUCYRUS	OH	HIGHWAY-RAIL CROSS	ING 1	0	\$	0
	TYPE OF TRACK:	MAIN						
	CLASS OF TRACK:	4						
50	METHOD OF OPERATION	TRAFFIC	CONTROL	MOVEMENTS INVOLVED:	PASSENGER	TRAIN	NO29	70 MPH
	EQUIPMENT DERAILED:	NONE						
	CROSSING PROTECTION	1						
			TOR FAILED TO Y	IELD THE RIGHT-OF-WAY TO	AN ONCOMIN	G PASSENGE	R TRAIN	AT A
	PROBABLE CAUSE: THE	IE MOTOR VEHICLE OPERA		,	AN ONCOMIN	G PASSENGE	R TRAIN	AT A
 CR	PROBABLE CAUSE: THE HIGHWAY-RAIL GRADE	E MOTOR VEHICLE OPERA		,	AN ONCOMIN	G PASSENGE	R TRAIN	AT A 0
CR	PROBABLE CAUSE: TH	E MOTOR VEHICLE OPERA CROSSING.	·					
 CR 51	PROBABLE CAUSE: THE HIGHWAY-RAIL GRADE 03/13/90 12:05 AM TYPE OF TRACK:	CROSSING.  ANN ARBOR  MAIN 3	MI		<u>-</u> 2	0		
	PROBABLE CAUSE: THE HIGHWAY-RAIL GRADE 03/13/90 12:05 AM TYPE OF TRACK: CLASS OF TRACK:	CROSSING.  ANN ARBOR  MAIN  TRAFFIC	MI	OTHER	<u>-</u> 2	0	* \$	0
	PROBABLE CAUSE: THE HIGHWAY-RAIL GRADE  03/13/90 12:05 AM TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION	CROSSING.  ANN ARBOR  MAIN  TRAFFIC  NONE	MI	OTHER  MOVEMENTS INVOLVED:	<u>-</u> 2	0	* \$	0
	PROBABLE CAUSE: THE HIGHWAY-RAIL GRADE 03/13/90 12:05 AM TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION EQUIPMENT DERAILED: CROSSING PROTECTION	ANN ARBOR  TRAFFIC  NONE  ASUFFICIENT CLEARANCE	MI CONTROL	OTHER  MOVEMENTS INVOLVED:	2 FREIGHT TR	O AIN	\$ JATO2	O UNK MPH
	PROBABLE CAUSE: THE HIGHWAY-RAIL GRADE OF TARK: CLASS OF TRACK: METHOD OF OPERATION EQUIPMENT DERAILED: CROSSING PROTECTION PROBABLE CAUSE: IN OVERHEAD RAILROAD T	ANN ARBOR  TRAFFIC  NONE  ASUFFICIENT CLEARANCE	MI CONTROL	OTHER  MOVEMENTS INVOLVED:	2 FREIGHT TR	O AIN	\$ JATO2	O UNK MPH
	PROBABLE CAUSE: THE HIGHWAY-RAIL GRADE OF TARK: CLASS OF TRACK: METHOD OF OPERATION EQUIPMENT DERAILED: CROSSING PROTECTION PROBABLE CAUSE: IN OVERHEAD RAILROAD T	CROSSING.  ANN ARBOR  MAIN  TRAFFIC  NONE  ASUFFICIENT CLEARANCE	MI CONTROL	OTHER  MOVEMENTS INVOLVED:	2 FREIGHT TR	O AIN	\$ JATO2	O UNK MPH

	DATE	TIME	CITY/ST/	I I ON		STATE	ACCIDENT TYPE	KILLED	INJURE	D	RR DAMAG	it 
ATK CSX	03/13/90	01:23 AM	ROCKY I	IOUNT		NC	REAR-END COLLISION	0			135,6	550
	TYPE OF T	RACK:		M	IN					••		
	CLASS OF	TRACK:		3								
52	METHOD OF	OPERATIO	٧:	Y.	ARD LIMITS	;	MOVEMENTS INVOLVED:	PASSENGER TR YARD/SWITCHI		P088 Y275	0 M 5 M	
	EQUIPMENT CROSSING			4	CAR(S)		·					
	PROBABLE SIGNAL IN		AILURÉ OI	THE C	XT YARD S	SWITCHER ENG	INEER TO OPERATE THE TRAI	IN IN ACCORDAN	ICE WITH	A RESTR	ICTED SF	'EEU
	SIGNAL IN	DICATION.	,				INEER TO OPERATE THE TRAI					
 MP	SIGNAL IN	DICATION.	RS: FAILL	RE OF			R CREW TO COUPLE THE AIR	BRAKE HOSE BE			DTIVE AN	ND THE
 MP	SIGNAL IN CONTRIBUT TRAIN.	DICATION. ING FACTOR	RS: FAILU	RE OF		'ARD-SWITCHE			ETWEEN TH	E LOCOM	OTIVE AN	ND THE
 MP	CONTRIBUT TRAIN.	DICATION. ING FACTOR O1:25 PM RACK:	RS: FAILU	RE OF	HE CSXT Y	'ARD-SWITCHE	R CREW TO COUPLE THE AIR	BRAKE HOSE BE	ETWEEN TH	E LOCOM	OTIVE AN	ND THE

CODE	DATE TIME CITY/STATIO	<b>!</b>	STATE	ACCIDENT TYPE			RR	
CSX	03/17/90 09:15 AM MILAN TYPE OF TRACK:	MAIN 4	TN	DERAILMENT	0	0	\$	346,000
54	CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	DIRECT TRAFFIC	C CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	R530	11	45 MPH
	HAZARDOUS MATERIALS RELEASED: CROSSING PROTECTION	YES	NUMBER	EVACUATED: 15				
	PROBABLE CAUSE: EXCESSIVE BUF	F FORCES CAUSED	BY IMPROPE	R TRAIN MAKE-UP.				٠
SSW	03/19/90 06:40 AM KANSAS CIT	· · · · · · · · · · · · · · · · · · ·	KS	HIGHWAY-RAIL CROSS	SING 2	0	\$	500
	TYPE OF TRACK:	MAIN						
	CLASS OF TRACK:	4						
55	METHOD OF OPERATION:	TRACK WARRANT	CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	8049	PΕ	45 MPH
22		AUTOMATIC BLO	CK					
22	EQUIPMENT DERAILED: CROSSING PROTECTION	AUTOMATIC BLOO NONE	CK					
		NONE	•	ELD THE RIGHT-OF-WAY TO	O AN ONCOMING F	REIGHT TRAI	IN AT	A
	CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEH  HIGHWAY-RAIL GRADE CROSSING.	NONE	AILED TO YI		O AN ONCOMING F	REIGHT TRAI	N AT	
LI	CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEH	NONE	AILED TO YI		O AN ONCOMING FO	REIGHT TRAI	(N AT	A 8,505
	CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEH HIGHWAY-RAIL GRADE CROSSING.  03/19/90 01:45 PM LONG ISLAN TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	NONE  ICLE OPERATOR FA	AILED TO YI		0	 0	\$	8,505
LI	CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEH HIGHWAY-RAIL GRADE CROSSING.  03/19/90 01:45 PM LONG ISLAN TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	NONE  ICLE OPERATOR FA  O CITY YARD 1 YARD RULES 1 CAR(S)	AILED TO YI	DERAILMENT	0	 0	\$	8,505

		CITY/STATION		STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
MNCW	03/20/90 09:24 PM	NORWALK		СТ	HIGHWAY-RAIL CROSS	SING 2	0	\$ 2,500
	TYPE OF TRACK:		MAIN	- P				•
	CLASS OF TRACK:		2		,			
57	METHOD OF OPERATION:	•	MANUAL BLOCK		MOVEMENTS INVOLVED:	PASSENGER TRAI	N 1880	30 MPH
	EQUIPMENT DERAILED:		NONE					
	CROSSING PROTECTION				,			
	PROBABLE CAUSE: THE HIGHWAY-RAIL GRADE C		CLE OPERATOR FA	AILED TO Y	IELD THE RIGHT-OF-WAY TO	O AN ONCOMING PA	SSENGER TRAI	N AT A
	,				·			
	•			•				
		·						
ATK	03/23/90 07:56 PM	WANATAH		IN	HIGHWAY-RAIL CROSS	SING 2	1	\$ 0
•	TYPE OF TRACK:		MAIN					
	CLASS OF TRACK:		4 ·		A .	*		
58	METHOD OF OPERATION:	:	AUTOMATIC BLOC	K	MOVEMENTS INVOLVED:	PASSENGER TRAI	N 30	70 MPH
	EQUIPMENT DERAILED:		NONE					
	CROSSING PROTECTION		٠					
	PROBABLE CAUSE: THE HIGHWAY-RAIL GRADE C		CLE OPERATOR FA	AILED TO Y	IELD THE RIGHT-OF-WAY TO	D AN ONCOMING PA	SSENGER TRAI	IN AT A
						•		
	07/01/00 47:45 44			TV	OFDAT MENT			
SP	03/24/90 12:45 AM		MATN	TX	DERAILMENT	0	0	\$ 960,000
	TYPE OF TRACK:		MAIN	τχ	DERAILMENT	0	0	\$ 960,000
	TYPE OF TRACK: CLASS OF TRACK:		4					·
59	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	ı	4 TRAFFIC CONTRO		DERAILMENT  MOVEMENTS INVOLVED:		O EPHOM	\$ 960,000 44 MPH
59	TYPE OF TRACK: CLASS OF TRACK:	ı	4					·

	DATE	TIME	CITY/STATIO	N	STATE	ACCIDENT TYPE	KILLED	INJURED	RI	R DAMAGE
ATK	03/24/90	11:29 AM	CHICAGO		IL .	OBSTRUCTION	0	92	\$	174,388
	TYPE OF	TRACK:		YARD						
	CLASS OF	TRACK:		1						
60	METHOD O	F OPERATIO	N:	INTERLOCKING		MOVEMENTS INVOLVED:	PASSENGER TRA	IN 5	81	4 MPH
	EQUIPMEN	T DERAILED	:	8 CAR(S)						
	CROSSING	PROTECTIO	N							
				E CONDUCTOR TO O ORT OF THE BUMPI		TAIL HOSE BRAKE VALVE	IN SUCH A MANN	ER SO AS T	O CON	TROL THE
SP		10:10 PM				DERAILMENT		0	\$	669,000
		TRACK:	•	MAIN						
		TRACK:	<b>VI</b> -	3		MOVEMENTO THROUNED	PRESOUT TRAIN	(0)		/E MBII
61	EQUIPMEN		):	DIRECT TRAFFIC 31 CAR(S)	CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	680	OW	43 MPH
	PROBABLE	CAUSE: E	XCESSIVE BUF	F FORCES CAUSED	BY IMPROPE	R TRAIN HANDLING ON TRA	ACK WITH AN UND	ULATING GR	ADE.	
LI				F FORCES CAUSED	BY IMPROPE  NY	R TRAIN HANDLING ON TRA	ACK WITH AN UND	ULATING GR		3,558
LI	03/28/90									3,558
LI	03/28/90 TYPE OF	02:45 AM	I HOLTSVILLE							3,558
 LI 62	03/28/90 Type of Class of	02:45 AM TRACK: TRACK:	I HOLTSVILLE	SIDING	NY	DERAILMENT	0	0	\$	·
	03/28/90 TYPE OF CLASS OF METHOD O	02:45 AM TRACK: TRACK: OF OPERATION	N:	SIDING 1	NY	DERAILMENT	0	0	\$	·
62	03/28/90 TYPE OF CLASS OF METHOD O EQUIPMEN HAZARDOU	02:45 AM TRACK: TRACK: OF OPERATION	N: S RELEASED:	SIDING 1 CARRIER RULES 1 CAR(S)	NY	DERAILMENT	0	0	\$	·
62	03/28/90 TYPE OF CLASS OF METHOD O EQUIPMEN HAZARDOU CROSSING	02:45 AM TRACK: TRACK: OF OPERATION TO DERAILED S MATERIAL F PROTECTION	N: S RELEASED:	SIDING 1 CARRIER RULES 1 CAR(S) YES	NY NUMBER	DERAILMENT  MOVEMENTS INVOLVED:  EVACUATED: 3500	O FREIGHT TRAIN	O RF	\$	5 MPH
62	03/28/90 TYPE OF CLASS OF METHOD O EQUIPMEN HAZARDOU CROSSING	02:45 AM TRACK: TRACK: F OPERATION T DERAILED S MATERIAL F PROTECTION	N: S RELEASED: ON	SIDING 1 CARRIER RULES 1 CAR(S) YES	NY NUMBER	DERAILMENT  MOVEMENTS INVOLVED:	O FREIGHT TRAIN	O RF	\$	5 MPH
62	03/28/90 TYPE OF CLASS OF METHOD O EQUIPMEN HAZARDOU CROSSING	02:45 AM TRACK: TRACK: F OPERATION T DERAILED S MATERIAL F PROTECTION	N: S RELEASED:	SIDING 1 CARRIER RULES 1 CAR(S) YES	NY NUMBER	DERAILMENT  MOVEMENTS INVOLVED:  EVACUATED: 3500	O FREIGHT TRAIN	O RF	\$	5 MPH
62	03/28/90 TYPE OF CLASS OF METHOD O EQUIPMEN HAZARDOU CROSSING	02:45 AM TRACK: TRACK: F OPERATION T DERAILED S MATERIAL F PROTECTION	N: S RELEASED: ON	SIDING 1 CARRIER RULES 1 CAR(S) YES	NY NUMBER	DERAILMENT  MOVEMENTS INVOLVED:  EVACUATED: 3500	O FREIGHT TRAIN	O RF	\$	5 MPH

CODE													
P	TYPE OF T	05:04 AM RACK: TRACK:		MAIN - 2		OR	HIGHWAY-RAIL CROSS	SING 4		0		\$	3,500
63	METHOD OF EQUIPMENT	OPERATION DERAILED	V: :	_	CT TRAFFI	C CONTROL	MOVEMENTS INVOLVED:	FREIGHT	TRAIN		1A366		23 MPH.
,		CAUSE: THE			PERATOR FA	AILED TO YÌ	ELD THE RIGHT-OF-WAY TO	AN ONCO	MING FR	EIGHT	TRAIN	ΑŤ	<b>A</b> .
							y**	v.r.					Vi
 JP	03/30/90	10:45 AM	OMAHA			NE	DERAILMENT	 0		3		\$	244,547
-,	TYPE OF T			YARD							•		
	CLASS OF	TRACK:		1		•							
64	METHOD OF												
04	PIETROD OF	OPERATION	1:	YARD	RULES		MOVEMENTS INVOLVED:	FREIGHT	TRAIN		YB643		10 MPH
	EQUIPMENT	DERATION PROTECTION	;		RULES		MOVEMENTS INVOLVED:	FREIGHT	TRAIN		YB643		10 MPK
	EQUIPMENT CROSSING PROBABLE	DERAILED PROTECTION	: I RIGID TR	2 CAI	R(S)	IVE LATERAL			*				
	EQUIPMENT CROSSING PROBABLE OUTSIDE R	DERAILED PROTECTION CAUSE: A	: N RIGID TR FIVE DEGR	2 CAI	R(S)	IVE LATERAL	*		*				
	EQUIPMENT CROSSING PROBABLE OUTSIDE R 03/30/90 TYPE OF T	DERAILED PROTECTION CAUSE: A FAIL ON A 1	RIGID TR	2 CAI UCK ALLOWI EE SIX-MII MAIN	R(S)	IVE LATERAL E.	*	IE WHEELS	OF MIL	i 100!	529 TO		
BN .	PROBABLE OUTSIDE R  03/30/90 TYPE OF T CLASS OF METHOD OF EQUIPMENT	DERAILED PROTECTION CAUSE: A FAIL ON A 1	RIGID TR FIVE DEGR MONROE	2 CAI UCK ALLOW EE SIX-MII  MAIN 4	R(S) ED EXCESS NUTE CURVI	IVE LATERAL E.	FORCES WHICH CAUSED THE	IE WHEELS	OF MIL	n 100:	529 TO	CLII	мв тне
BN .	EQUIPMENT CROSSING  PROBABLE OUTSIDE R  03/30/90 TYPE OF T CLASS OF METHOD OF EQUIPMENT CROSSING  PROBABLE	DERAILED PROTECTION CAUSE: A ALL ON A I  05:24 PM RACK: TRACK: OPERATION DERAILED PROTECTION	RIGID TR FIVE DEGR  MONROE  HE MOTOR	2 CAI UCK ALLOWI EE SIX-MII MAIN 4 TRACI NONE	ED EXCESS: NUTE CURVI	IVE LATERAL E. TX	FORCES WHICH CAUSED THE	IE WHEELS	OF MIL	⊌ 100:  0	529 TO	\$	МВ ТНЕ О 48 МРН
BN .	EQUIPMENT CROSSING  PROBABLE OUTSIDE R  03/30/90 TYPE OF T CLASS OF METHOD OF EQUIPMENT CROSSING  PROBABLE	DERAILED PROTECTION CAUSE: A AIL ON A II O5:24 PM RACK: TRACK: OPERATION DERAILED PROTECTION CAUSE: TI	RIGID TR FIVE DEGR  MONROE  HE MOTOR	2 CAI UCK ALLOWI EE SIX-MII MAIN 4 TRACI NONE	ED EXCESS: NUTE CURVI	IVE LATERAL E. TX	FORCES WHICH CAUSED THE HIGHWAY-RAIL CROSS MOVEMENTS INVOLVED:	IE WHEELS	OF MIL	⊌ 100:  0	529 TO	\$	МВ ТНЕ О 48 МРН

CODE	DATE TIME CITY/ST	TATION STATE	ACCIDENT TYPE	KILLED	INJURED	RR	DAMAGE
IW	04/01/90 06:40 PM FORT G		HIGHWAY-RAIL CROS	SING 2	0	\$	500
	TYPE OF TRACK: CLASS OF TRACK:						
66		TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	NO51	3	40 MPH
00	EQUIPMENT DERAILED:	NONE				_	
	CROSSING PROTECTION	11-11-1	•	,	•		
	PROBABLE CAUSE: THE MOTOR HIGHWAY-RAIL GRADE CROSSIN	VEHICLE OPERATOR FAILED TO	YIELD THE RIGHT-OF-WAY TO	O AN ONCOMING F	REIGHT TRAI	N AT	A
 UP	04/06/90 09:10 PM NORTH	PLATTE NE	OTHER	0	0	 . \$	108,981
<b>.</b>	TYPE OF TRACK:		O I II I	•	,	•	,,
	CLASS OF TRACK:		-				
67	METHOD OF OPERATION:	YARD RULES	MOVEMENTS INVOLVED:	FREIGHT TRAIN	NP2	2	8 MPH
		•		CUT OF CARS			0 MPH
	EQUIPMENT DERAILED:	2 CAR(S)		•			
	CROSSING PROTECTION		ı				
	PROBABLE CAUSE: FAILURE C	OF THE SWITCH CREW TO PROPER	RLY PROTECT A SHOVING MOVE	MENT INTO A YARI	TRACK.		
MSRC	04/07/90 06:35 AM MORTON	ı Ms	DERAILMENT	0 .	0	\$	779,000
	TYPE OF TRACK:	MAIN		•			
	CLASS OF TRACK:	4	•				
	********	TRACK PERMIT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	102	25	33 MPH
68	METHOD OF OPERATION:						
68		2 LOCOMOTIVE(S)					
68		2 LOCOMOTIVE(S) 22 CAR(S)					
<b>68</b>		,					

CODE	DATE TIME C	CITY/STATION	STA						ED	RR	
SOU	04/08/90 01:16 PM TYPE OF TRACK: CLASS OF TRACK:		MAIN 4	NC	HIGHWAY-RAIL CROSS	ING	3	0		\$	500
69	METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION	1	TRAFFIC CÖNTRÖL NÖNE		MOVEMENTS INVOLVED:	FREI	GHT TRAIN		219P2		50 MPH
	PROBABLE CAUSE: THE HIGHWAY-RAIL GRADE C		LE OPERATOR FAILE	ÉD TÓ YIÈ	LD THE RIGHT-OF-WAY TO	ÀN C	DNCOMING F	REIGHT	TRAIN	AT A	
	0/ /47 /00 00-75 AM			MO				0			 0
1P	04/13/90 09:35 AM TYPE OF TRACK: CLASS OF TRACK:		MAIN 4	MU	HIGHWAY-RAIL CROSS	ING	3	U		₽	U
70	METHOD OF OPERATION:		TRAFFIC CONTROL		and the second second						50 MPH
, ,	EQUIPMENT DERAILED: CROSSING PROTECTION		NONE		MOVEMENTS INVOLVED:	FREI	GHT TRAIN	•	235E		JU MPN
	EQUIPMENT DERAILED: CROSSING PROTECTION	E MOTOR VEHÍC	NONE	ED TO ŸIË				•			
	EQUIPMENT DETAILED: CROSSING PROTECTION PROBABLE CAUSE: THE	E MOTOR VEHÍC	NONE	ED TO YIË	e de la companya de l			•			
	EQUIPMENT DETAILED: CROSSING PROTECTION PROBABLE CAUSE: THE	E MOTOR VEHÍC	NONE	ED TO ŸIĔ	e de la companya de l			•			
JP	EQUIPMENT DETAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE HIGHWAY-RAIL GRADE CO  04/13/90 05:10 PM TYPE OF TRACK:	E MOTOR VEHIC CROSSING.	NONE LE OPERATOR FAILE	-25222	e de la companya de l	ÁN C	NCOMING F	RÉ I GHT	TRAIN		
	EQUIPMENT DETAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE HIGHWAY-RAIL GRADE C	E MOTOR VEHIC CROSSING. PAYETTE	NONE  LE OPERATOR FAILE	-25222	LD THE RIGHT-OF-WAY TO	ÄN C	ONCOMING F	RÉIGHT O	TRAIN	AT A	
JP	EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE HIGHWAY-RAIL GRADE CO  04/13/90 05:10 PM TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION	E MOTOR VEHIC CROSSING.  PAYETTE	NONE  LE OPERATOR FAILE  MAIN  4  TRAFFIC CONTROL  NONE	ib ·	LD THE RIGHT-OF-WAY TO	ÁN C	ONCOMING F	RÉIGHT	TRAIN	AT A	25,000 58 MPH

IJTR	04/13/90 04:4	2 PM	WESTFIELD			NJ	OTHER		1		0	9	5	0
	TYPE OF TRACK:			MAIN										
	CLASS OF TRACK	:		3										
72	METHOD OF OPER	MOITA	l:	TRAFFI	C CONTROL		MOVEMENTS	INVOLVED:	PASSENGE	R TRAIN		5423W	,	40 MPH
	EQUIPMENT DERA CROSSING PROTE			NONE										
	PROBABLE CAUSE REAR CAR.	: P#	ASSENGER LO	ST FOOTING	G AND FELL	. FROM	DOORWAY WHILE	TRAIN WAS	MOVING AND	WAS ST	TRUCK I	BY THE	WHEE	LS OF TH
							EVEL WAS MEASUR	RED AT 0.2	13 PERCENT.					
	CONTRIBUTING F							RED AT 0.2			0		 \$	8,470
	04/19/90 02:1	5 AM	MEMPHIS								0	<b>-</b>	<b>s</b>	8,470
 (C		5 AM	MEMPHIS								0		<b></b> \$	8,470
 IC 73	04/19/90 02:1 TYPE OF TRACK:	5 AM	MEMPHIS	YARD	· · · · · · · · · · · · · · · · · · ·	TN	DERAIL	MENT					<b></b> \$	8,470 5 MPH
	04/19/90 02:1 TYPE OF TRACK: CLASS OF TRACK	5 AM ::	MEMPHIS	YARD	ULES	TN	DERAIL	MENT	. 0				<b></b>	•
	04/19/90 02:1 TYPE OF TRACK: CLASS OF TRACK METHOD OF OPER	5 AM	MEMPHIS  Y:	YARD 1 YARD R	ULES	TN	DERAIL	MENT	. 0				<b>\$</b>	•
	04/19/90 02:1 TYPE OF TRACK: CLASS OF TRACK METHOD OF OPER EQUIPMENT DERA	5 AM	MEMPHIS V:	YARD 1 YARD RI 5 CAR(	ULES S)	TN	DERAIL	MENT INVOLVED:	0 FREIGHT	TRAIN		55	•	5 MPH
	04/19/90 02:1 TYPE OF TRACK: CLASS OF TRACK METHOD OF OPER EQUIPMENT DERA CROSSING PROTE	5 AM	MEMPHIS V:	YARD 1 YARD RI 5 CAR(	ULES S)	TN	DERAILN MOVEMENTS	MENT INVOLVED:	0 FREIGHT	TRAIN		55	•	5 MPH
	04/19/90 02:1 TYPE OF TRACK: CLASS OF TRACK METHOD OF OPER EQUIPMENT DERA CROSSING PROTE	5 AM	MEMPHIS V:	YARD 1 YARD RI 5 CAR(	ULES S)	TN	DERAILN MOVEMENTS	MENT INVOLVED:	0 FREIGHT	TRAIN		55	•	5 MPH

R CODE	DATE TIME		CITY/STATION			STATE	ACCIDEN.	TYPE		KILLED	INJURE	D RI	R DAMAGI	E
SP	04/21/90 04:1 TYPE OF TRACK: CLASS OF TRACK		TIMPSON	MAIN -		тх	HI GHWA'	Y-RAIL	CROSSING	2	0	\$	1	00
74	METHOD OF OPER EQUIPMENT DERA CROSSING PROTE	ILED	•	DIRECT NONE	TRÁFFIC	CONTROL	MOVEMENTS	INVOL	VED: FRI	EÍGHT TRAIN	·	1KOEF	37 MI	PĦ
	PROBABLE CAUSE			CLE OPE	RATOR FA	ILED TO YI	ELD THE RIG	HT-OF-	WAY TO AN	ONCOMING F	REİGHT	TRAIN AT	A	

ATSF	04/21/90 07:55 AM MOUNTAINAIR		NM	REAR-END (	COLLISION	0	1	- \$	426,100	
	TYPE OF TRACK:	MAIN								
	CLASS OF TRACK:	4 ,								
75	METHOD OF OPERATION:	TRAFFIC CONTROL		MOVEMENTS IN	VOLVED:	FREIGHT TRAIN	19	612	O MPH	
						FREIGHT TRAIN	27	7852	24 MPH	
		<i>:</i>			•	FREIGHT TRAIN	QB	BHLA	32 MPH	
	EQUIPMENT DERAILED:	3 LOCOMOTIVE(S)								
٠ ,	· ·	13 CAR(S)								

CROSSING PROTECTION

PROBABLE CAUSE: FAILURE OF THE ENGINEER OF TRAIN 27852 TO OPERATE HIS TRAIN IN ACCORDANCE WITH A STOP SIGNAL INDICATION.

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CODE	DATE	TIME	CITY/STATIO	ON .	STATE	ACCIDENT TYPE	KILLED	INJURED	RI	R DAMAGE
/RR	04/22/90	01:15 P	M ESSEX		СТ	REAR-END COLLISION	0	5	\$	100
	TYPE OF	TRACK:		SIDING						
	CLASS OF	TRACK:		2						ž.
76	METHOD O	F OPERATIO	DN:	YARD LIMITS		MOVEMENTS INVOLVED:	PASSENGER TRA	I N	800	O MPH
							LIGHT LOCO(S)	1	647	5 MPH
	EQUI PMEN	T DERAILE	):	NONE						
	CROSSING	PROTECTIO	ON							
	PROBABLE YARD TRA		THE CREW OPER	RATING A LIGHT I	OCOMOTIVE F	AILED TO CONTROL SPEED A	AND STOP SHORT	OF A STA	ND I NG	TRAIN ON A
		,				· · · · · · · · · · · · · · · · · · ·				
BPRR	04/22/90	9:36 PI	M CRAIGSVILL	.E	PA	DERAILMENT	0	0	\$	753,800
	TYPE OF	TRACK:		MAIN ,					-	-
	CLASS OF	TRACK:		2						
77	METHOD O	F. OPERATI	ON:	MANUAL BLOCK		MOVEMENTS INVOLVED:	FREIGHT TRAIN	BL	JB22	23 MPH
	EQUIPMEN	T DERAILE		29 CAR(S)		•	,			
,	CROSSING	PROTECTI		YES .	NUMBER	EVACUATED: 200				
	PROBABLE		INSUFFICIENT	SIDE BEARING C	LEARANCE ON	THE A-END OF COVERED HO	PPER CSXT 2408	39 ALLOWE	D WHEE	L CLIMB.
ATK	04/23/90	1:26 P	M BATAVIA		IA	DERAILMENT	, 0	135	\$	1,770,000
BN	,									
	TYPE OF	TRACK:	ı	, MAIN						
	CLASS OF	TRACK:		4			•			
78	METHOD O	F OPERATI	ON:	TRACK WARRAN		MOVEMENTS INVOLVED:	PASSENGER TRA	IN	330	79 MPH 0 MPH
	FOUTPMEN	T DERAILE	D:	8 CAR(S)						
		PROTECTI				•				
				ACK ALIGNMENT ( UT CORRECTIVE A		SULTING FROM THE INSTALL	ATION OF CONTI	NUOUS WE	LDED RA	IL DURING

RR CODE	DATE	TIME	CITY/STAT			STATE	ACCIDEN	ŢYPĘ	KIL	LED	INJURE	ED RI	R DAMAGE
MRL	04/25/90 TYPE OF TI	RACK:	M QUEBEC	MAIN 4		MT	DERAIL	ENT	.0	)	.′ O	\$	325,000
79	METHOD OF EQUIPMENT	OPERATIO	ON:	.,	C CONTROL	-	MOVEMENTS	INVOLVED:	FREIGHT	TRAIN		01196	58 MPH
	CROSSING	PROTECT I	ON		•	Į.	r		1. 0	•			
	PROBABLE		EXCESSIVE W	EAR OF THE	LATERAL	BOLSTER	GIBS ALLOWED	WHEEL LIFT	ON THE L	EAD I NG	WHEEL	OF EMPTY	HOPPER CAR
•			* ,				• .					•	
				ş ;			, , , , , , , , , , , , , , , , , , ,					,	·
ATSF	04/25/90	04:30 P	M PEDERNAL			NM	DERAIL	(ENT	0	)	0	\$	110,500
			1	MAIN				3	•				
80	CLASS OF		ON:		IC CONTROL	_	MOVEMENTS	INVOLVED:	FREIGHT	TRAIN	•	QNYLA	34 MPH
!	EQUIPMENT	DERAILE	D:	3 LOCO	OMOTIVE(S)	)	,			•		• • •	
	CROSSING	PROTECTI	ON										
	PROBABLE LOCOMOTIV		WORN AND MIS	SSING BOLS	STER STOP	WEAR PL	ATES AND EXCE	SSIVE LATER	AL MOTION	AT TH	E JOURN	NAL BOXES	ON
				,			a 1						

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CODE	DATE TIME CI	ITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	04/28/90 03:40 PM N	MCCOOL	I'n	HIGHWAY-RAIL CROS	SING 2	. 0	\$ 0
	TYPE OF TRACK:	MAIN					
	CLASS OF TRACK:	4					
81	METHOD OF OPERATION:	TRAFFIC CONTE	OL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	R3012	58 MPH
	EQUIPMENT DERAILED:	NONE					
	CROSSING PROTECTION	,					
	PROBABLE CAUSE: THE HIGHWAY-RAIL GRADE CO	MOTOR VEHICLE OPERATOR I	FAILED TO Y	IELD THE RIGHT-OF-WAY 1	O AN ONCOMING F	REIGHT TRAIN	AT A
	•		٠				
CSX	04/28/90 3:20 PM 1	•	NC	DERAILMENT	. 0	0	\$ 584,000
	TYPE OF TRACK:	MAIN		*			
	CLASS OF TRACK:	2					
82	METHOD OF OPERATION:	TRAFFIC CONT	ROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	R666	2 MPH
	EQUIPMENT DERAILED:	1 LOCOMOTIVE	(S)				
		21 CAR(S)					
	HAZARDOUS MATERIALS I	RELEASED: YES	NUMBE	R EVACUATED: 200			
	PROBABLE CAUSE: TRU	CK SIDE FRAME STRUCK A P	JLPWOOD LOG	LYING ADJACENT TO THE	MAIN TRACK.		
SP	04/29/90 5:50 PM	KINTER	AZ	DERAILMENT	0	0	\$ 1,357,300
	TYPE OF TRACK:	MAÍN					
	CLASS OF TRACK:	3					
83	METHOD OF OPERATION:	TRAFFIC CONT	ROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	9688	40 MPH
	EQUIPMENT DERAILED:	28 CAR(S)					
	CROSSING PROTECTION	• ,	٠,	t			

N RL	04/29/90	11:25 PM	SPOKAŅĒ		WA	OTHER	0	2	9	244	,210
	TYPE OF T	RACK:		MAIN	,	No. of the second					
	CLASS OF	TRACK:		4			*				
84	METHOD OF	OPERAT10	N:	TRAFFIC CONTROL		MOVEMENTS INVOLVED:	CUT OF CARS FREIGHT TRAIN		20829 2G18		MPH MPH
	EQUIPMENT	DERAILED		1 LOCOMOTIVE(S) 20 CAR(S)			÷				
	CROSSING	PROTECTIO									
	PROBABLE THEIR TRA		AILURE OF CRE	WMEMBERS ON BN T	RAIN NO.	20829 TO APPLY SUFFICI	ENT HAND BRAKES	TO SECU	JRE THE	CARS	OF
			AILURE OF CRE	WMEMBERS ON BN T	RAIN NO.	20829 TO APPLY SUFFICI	ENT HAND BRAKES	TO SECU	JRE THE	E CARS	OF
	THEIR TRA	IN.	AILURE OF CRE		RAIN NO.	OTHER	ENT HAND BRAKES	TO SECU			of 
	THEIR TRA	IN. 8:50 PM		 LLE		·····					
	THEIR TRA  05/02/90  TYPE OF T	8:50 PM		LLE		·····					
ATK CR	THEIR TRA  05/02/90  TYPE OF T CLASS OF	8:50 PM	CRAWFORDSVI	LLE  MAIN 4 VOICE CONTROL		·····	O CUT OF CARS	12		209	,000 MPH
CR	O5/02/90 TYPE OF T CLASS OF METHOD OF	8:50 PM RACK: TRACK:	CRAWFORDSVI	LLE MAIN 4	IN	OTHER	0	12	1	209	,000

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TYPE OF TRACK: CLASS OF TRACK: 4  86 METHOD OF OPERATION: CAB SIGNAL AUTOMATIC BLOCK TIME TABLE EQUIPMENT DERAILED: 2 LOCOMOTIVE(S) 3 CAR(S)  CROSSING PROTECTION  PROBABLE CAUSE: FAILURE OF THE CREW OF UP 2002 WEST TO OBTAIN PERMISSION FROM THE DISPATCHER TO OCCUPY THE MESTBOUND MAIN TRACK.  ATK 05/03/90 9:25 AM DURANT MS HIGHWAY-RAIL CROSSING  TYPE OF TRACK: CLASS OF TRACK: 4  87 METHOD OF OPERATION: AUTOMATIC BLOCK MOVEMENTS INVOLVED: PASSENGER TRAIN 59 59 MPH TRACK PERMIT CONTROL 3 LOCOMOTIVE(S) 3 CAR(S)  CROSSING PROTECTION		DATE TIME CITY/STATIO	ON STATE	ACCIDENT TYPE	KILLED	INJURED	RR	DAMAGE
CLASS OF TRACK:  4  86 METHOD OF OPERATION:  CAB SIGNAL AUTOMATIC BLOCK TIME TABLE  EQUIPMENT DERAILED:  2 LOCOMOTIVE(S) 3 CAR(S)  CROSSING PROTECTION  PROBABLE CAUSE: FAILURE OF THE CREW OF UP 2002 WEST TO OBTAIN PERMISSION FROM THE DISPATCHER TO OCCUPY THE WESTBOUND MAIN TRACK.  ATK  05/03/90 9:25 AM DURANT  MS  HIGHWAY-RAIL CROSSING  TYPE OF TRACK: CLASS OF TRACK: 4  87 METHOD OF OPERATION:  AUTOMATIC BLOCK MOVEMENTS INVOLVED: PASSENGER TRAIN 59 59 MPH TRACK PERMIT CONTROL EQUIPMENT DERAILED: 3 LOCOMOTIVE(S) 3 CAR(S)  CROSSING PROTECTION	UP	05/02/90 1:05 AM OMAHA	NE	HEAD-END COLLISION	0	9	\$	250,991
CLASS OF TRACK:  4  86 METHOD OF OPERATION:  CAB SIGNAL AUTOMATIC BLOCK TIME TABLE  EQUIPMENT DERAILED:  2 LOCOMOTIVE(\$) 3 CAR(\$)  CROSSING PROTECTION  PROBABLE CAUSE: FAILURE OF THE CREW OF UP 2002 WEST TO OBTAIN PERMISSION FROM THE DISPATCHER TO OCCUPY THE WESTBOUND MAIN TRACK.  ATK 05/03/90 9:25 AM DURANT  MS HIGHWAY-RAIL CROSSING 0 8 \$ 762,000 IC  TYPE OF TRACK: AMAIN CLASS OF TRACK: 4  87 METHOD OF OPERATION:  AUTOMATIC BLOCK MOVEMENTS INVOLVED: PASSENGER TRAIN 59 59 MPH TRACK PERMIT CONTROL EQUIPMENT DERAILED: 3 LOCOMOTIVE(\$) 3 CAR(\$)  CROSSING PROTECTION		TYPE OF TRACK:	MAIN	,				
AUTOMATIC BLOCK TIME TABLE  EQUIPMENT DERAILED: 2 LOCOMOTIVE(\$) 3 CAR(\$)  CROSSING PROTECTION  PROBABLE CAUSE: FAILURE OF THE CREW OF UP 2002 WEST TO OBTAIN PERMISSION FROM THE DISPATCHER TO OCCUPY THE WESTBOUND MAIN TRACK.  ATK 05/03/90 9:25 AM DURANT  MS HIGHWAY-RAIL CROSSING 0 8 \$ 762,000 IC  TYPE OF TRACK: MAIN CLASS OF TRACK: 4  87 METHOD OF OPERATION: AUTOMATIC BLOCK MOVEMENTS INVOLVED: PASSENGER TRAIN 59 59 MPH TRACK PERMIT CONTROL EQUIPMENT DERAILED: 3 LOCOMOTIVE(\$) 3 CAR(\$)  CROSSING PROTECTION		CLASS OF TRACK:	4.					
TIME TABLE  EQUIPMENT DERAILED: 2 LOCOMOTIVE(S) 3 CAR(S)  CROSSING PROTECTION  PROBABLE CAUSE: FAILURE OF THE CREW OF UP 2002 WEST TO OBTAIN PERMISSION FROM THE DISPATCHER TO OCCUPY THE WESTBOUND MAIN TRACK.  ATK 05/03/90 9:25 AM DURANT MS HIGHWAY-RAIL CROSSING 0 8 \$ 762,000 IC  TYPE OF TRACK: MAIN CLASS OF TRACK: 4  87 METHOD OF OPERATION: AUTOMATIC BLOCK MOVEMENTS INVOLVED: PASSENGER TRAIN 59 59 MPH TRACK PERMIT CONTROL EQUIPMENT DERAILED: 3 LOCOMOTIVE(S) 3 CAR(S)  CROSSING PROTECTION	86	METHOD OF OPERATION:	CAB SIGNAL	MOVEMENTS INVOLVED:	FREIGHT TRÀIN	956		45 MPH
EQUIPMENT DERAILED: 2 LOCOMOTIVE(\$) 3 CAR(\$)  CROSSING PROTECTION  PROBABLE CAUSE: FAILURE OF THE CREW OF UP 2002 WEST TO OBTAIN PERMISSION FROM THE DISPATCHER TO OCCUPY THE WESTBOUND MAIN TRACK.  ATK 05/03/90 9:25 AM DURANT MS HIGHWAY-RAIL CROSSING 0 8 \$ 762,000 IC  TYPE OF TRACK: MAIN CLASS OF TRACK: 4  87 METHOD OF OPERATION: AUTOMATIC BLOCK MOVEMENTS INVOLVED: PASSENGER TRAIN 59 59 MPH TRACK PERMIT CONTROL EQUIPMENT DERAILED: 3 LOCOMOTIVE(\$) 3 CAR(\$)				,	FREIGHT TRAIN	2002	r	15 MPH
CROSSING PROTECTION  PROBABLE CAUSE: FAILURE OF THE CREW OF UP 2002 WEST TO OBTAIN PERMISSION FROM THE DISPATCHER TO OCCUPY THE WESTBOUND MAIN TRACK.  ATK 05/03/90 9:25 AM DURANT MS HIGHWAY-RAIL CROSSING 0 8 \$ 762,000 IC  TYPE OF TRACK: MAIN CLASS OF TRACK: 4  87 METHOD OF OPERATION: AUTOMATIC BLOCK MOVEMENTS INVOLVED: PASSENGER TRAIN 59 59 MPH TRACK PERMIT CONTROL  EQUIPMENT DERAILED: 3 LOCOMOTIVE(S) 3 CAR(S)  CROSSING PROTECTION								
PROBABLE CAUSE: FAILURE OF THE CREW OF UP 2002 WEST TO OBTAIN PERMISSION FROM THE DISPATCHER TO OCCUPY THE WESTBOUND MAIN TRACK.  ATK 05/03/90 9:25 AM DURANT MS HIGHWAY-RAIL CROSSING 0 8 \$ 762,000 IC  TYPE OF TRACK: MAIN CLASS OF TRACK: 4  87 METHOD OF OPERATION: AUTOMATIC BLOCK MOVEMENTS INVOLVED: PASSENGER TRAIN 59 59 MPH TRACK PERMIT CONTROL EQUIPMENT DERAILED: 3 LOCOMOTIVE(S) 3 CAR(S)  CROSSING PROTECTION		•		·				
MAIN TRACK.  ATK 05/03/90 9:25 AM DURANT MS HIGHWAY-RAIL CROSSING 0 8 \$ 762,000  IC  TYPE OF TRACK: MAIN  CLASS OF TRACK: 4  87 METHOD OF OPERATION: AUTOMATIC BLOCK MOVEMENTS INVOLVED: PASSENGER TRAIN 59 59 MPH  TRACK PERMIT CONTROL  EQUIPMENT DERAILED: 3 LOCOMOTIVE(S)  3 CAR(S)  CROSSING PROTECTION			J CHR(U)	÷ ,				
MAIN TRACK.  ATK 05/03/90 9:25 AM DURANT MS HIGHWAY-RAIL CROSSING 0 8 \$ 762,000  IC  TYPE OF TRACK: MAIN  CLASS OF TRACK: 4  87 METHOD OF OPERATION: AUTOMATIC BLOCK MOVEMENTS INVOLVED: PASSENGER TRAIN 59 59 MPH  TRACK PERMIT CONTROL  EQUIPMENT DERAILED: 3 LOCOMOTIVE(S)  3 CAR(S)  CROSSING PROTECTION	,		24					
TYPE OF TRACK: MAIN CLASS OF TRACK: 4  87 METHOD OF OPERATION: AUTOMATIC BLOCK MOVEMENTS INVOLVED: PASSENGER TRAIN 59 59 MPH TRACK PERMIT CONTROL  EQUIPMENT DERAILED: 3 LOCOMOTIVE(S) 3 CAR(S)  CROSSING PROTECTION			HE CREW OF UP 2002 WEST T	O OBTAIN PERMISSION FROM 1	THE DISPATCHER	TO OCCUPY	THE WE	STBOUND
TYPE OF TRACK: MAIN CLASS OF TRACK: 4  87 METHOD OF OPERATION: AUTOMATIC BLOCK MOVEMENTS INVOLVED: PASSENGER TRAIN 59 59 MPH TRACK PERMIT CONTROL  EQUIPMENT DERAILED: 3 LOCOMOTIVE(S) 3 CAR(S)  CROSSING PROTECTION		, <u>, , , , , , , , , , , , , , , , , , </u>						
TYPE OF TRACK: MAIN CLASS OF TRACK: 4  87 METHOD OF OPERATION: AUTOMATIC BLOCK MOVEMENTS INVOLVED: PASSENGER TRAIN 59 59 MPH TRACK PERMIT CONTROL  EQUIPMENT DERAILED: 3 LOCOMOTIVE(S) 3 CAR(S)  CROSSING PROTECTION					•			
TYPE OF TRACK: MAIN CLASS OF TRACK: 4  87 METHOD OF OPERATION: AUTOMATIC BLOCK MOVEMENTS INVOLVED: PASSENGER TRAIN 59 59 MPH TRACK PERMIT CONTROL  EQUIPMENT DERAILED: 3 LOCOMOTIVE(S) 3 CAR(S)  CROSSING PROTECTION								
TYPE OF TRACK: MAIN CLASS OF TRACK: 4  87 METHOD OF OPERATION: AUTOMATIC BLOCK MOVEMENTS INVOLVED: PASSENGER TRAIN 59 59 MPH TRACK PERMIT CONTROL  EQUIPMENT DERAILED: 3 LOCOMOTIVE(S) 3 CAR(S)  CROSSING PROTECTION								
TYPE OF TRACK: CLASS OF TRACK: 4  87 METHOD OF OPERATION: AUTOMATIC BLOCK MOVEMENTS INVOLVED: PASSENGER TRAIN 59 59 MPH TRACK PERMIT CONTROL EQUIPMENT DERAILED: 3 LOCOMOTIVE(S) 3 CAR(S)								
CLASS OF TRACK:  METHOD OF OPERATION:  AUTOMATIC BLOCK MOVEMENTS INVOLVED: PASSENGER TRAIN 59 59 MPH TRACK PERMIT CONTROL  EQUIPMENT DERAILED:  3 LOCOMOTIVE(S) 3 CAR(S)	ATK	****	9	HIGHWAY-RAIL CROSS	ING O	8	\$	762,000
87 METHOD OF OPERATION:  AUTOMATIC BLOCK MOVEMENTS INVOLVED: PASSENGER TRAIN 59 59 MPH  TRACK PERMIT CONTROL  EQUIPMENT DERAILED: 3 LOCOMOTIVE(S)  3 CAR(S)  CROSSING PROTECTION	ATK IC	. "			ING O	8	\$	762,000
TRACK PERMIT CONTROL  EQUIPMENT DERAILED: 3 LOCOMOTIVE(S)  3 CAR(S)  CROSSING PROTECTION		TYPE OF TRACK:	MAIN		(NG O	8	\$	762,000
EQUIPMENT DERAILED: 3 LOCOMOTIVE(S)  3 CAR(S)  CROSSING PROTECTION	IC	TYPE OF TRACK: CLASS OF TRACK:	MAIN 4			٠		·
3 CAR(S) CROSSING PROTECTION	IC	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	MAIN 4 AUTOMATIC BLOCK	MOVEMENTS INVOLVED:		٠		·
CROSSING PROTECTION	IC	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	MAIN 4 AUTOMATIC BLOCK TRACK PERMIT CONTROL	MOVEMENTS INVOLVED:		٠		·
	IC	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	MAIN 4 AUTOMATIC BLOCK TRACK PERMIT CONTROL 3 LOCOMOTIVE(S)	MOVEMENTS INVOLVED:		٠		·
	IC	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 4 AUTOMATIC BLOCK TRACK PERMIT CONTROL 3 LOCOMOTIVE(S)	MOVEMENTS INVOLVED:		٠		·
	IC	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION	MAIN 4 AUTOMATIC BLOCK TRACK PERMIT CONTROL 3 LOCOMOTIVE(S) 3 CAR(S)	MOVEMENTS INVOLVED:	PASSENGER TRA	IN 5	9	59 MPH
HIGHWAY-RAIL GRADE CROSSING.	IC	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION PROBABLE CAUSE: THE MOTOR VE	MAIN 4 AUTOMATIC BLOCK TRACK PERMIT CONTROL 3 LOCOMOTIVE(S) 3 CAR(S)	MOVEMENTS INVOLVED:	PASSENGER TRA	IN 5	9	59 MPH
	IC	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION PROBABLE CAUSE: THE MOTOR VE	MAIN 4 AUTOMATIC BLOCK TRACK PERMIT CONTROL 3 LOCOMOTIVE(S) 3 CAR(S)	MOVEMENTS INVOLVED:	PASSENGER TRA	IN 5	9	59 MPH

						•	•	070 000
BN	05/04/90 01:20 AM	MARSHLAND	NE	DERAILMENT	0	, ,	\$	970,000
	TYPE OF TRACK:		MAIN 3					
00	CLASS OF TRACK:		_	MOVEMENTS INVOLVED:	EDETOUT TOAT	N 717	ne .	35 MPH
88	METHOD OF OPERATION		25 CAR(S)	MOVEMENTS INVOLVED:	PREIGHT TRAI	א ווסי	UE	JJ MFN
	EQUIPMENT DERAILED: CROSSING PROTECTION	_	23 CAR(8)					
	CRUSSING PROTECTION	•						
	PROBABLE CAUSE: BL	JRNED OFF JOU	RNAL DUE TO A FAILED	ROLLER BEARING AT THE L-1	LOCATION ON HO	PPER CAR OM	AX 242	<b>?.</b>
MP	05/04/90 07:55 PM	PLUM	тх	HIGHWAY-RAIL CROS	SSING 2	1	\$	0
	TYPE OF TRACK:		MAIN .					
	CLASS OF TRACK:		3.					
89	METHOD OF OPERATION	<b>4:</b>	TRACK WARRANT CONTRO	OL MOVEMENTS INVOLVED:	FREIGHT TRAI	N CBT	HS	35 MPH
	EQUIPMENT DERAILED:	:	NONE.	• •				
	CROSSING PROTECTION	A .						
	PROBABLE CAUSE: TH	HE MOTOR VEHI	CLE OPERATOR FAILED	TO YIELD THE RIGHT-OF-WAY T	TO AN ONCOMING	FREIGHT TRA	IN AT	A
	HIGHWAY-RAIL GRADE	HE MOTOR VEHI CROSSING.					•••	
	· · · · · · · · · · · · · · · · · · ·	HE MOTOR VEHI CROSSING.	CLE OPERATOR FAILED				IN AT	A0
	HIGHWAY-RAIL GRADE	HE MOTOR VEHI CROSSING.					•••	
	HIGHWAY-RAIL GRADE 05/06/90 11:30 AM	HE MOTOR VEHI CROSSING.	IN MAIN				•••	
	HIGHWAY-RAIL GRADE  05/06/90 11:30 AM  TYPE OF TRACK:	HE MOTOR VEHI CROSSING. BROOKSTON	IN .	HIGHWAY-RAIL CROS	SSING 1	0	•••	0
ATK CSX 90	05/06/90 11:30 AM  TYPE OF TRACK: CLASS OF TRACK:	HE MOTOR VEHI CROSSING. BROOKSTON	IN MAIN 4	HIGHWAY-RAIL CROS MOVEMENTS INVOLVED:	SSING 1	0	<b>\$</b>	0
CSX	05/06/90 11:30 AM  TYPE OF TRACK: CLASS OF TRACK:	HE MOTOR VEHI CROSSING. BROOKSTON	IN MAIN 4 AUTOMATIC BLOCK	HIGHWAY-RAIL CROS MOVEMENTS INVOLVED:	SSING 1	0	<b>\$</b>	0
CSX	HIGHWAY-RAIL GRADE  05/06/90 11:30 AM  TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION	HE MOTOR VEHI CROSSING.  BROOKSTON	IN MAIN 4 AUTOMATIC BLOCK DIRECT TRAFFIC CONTI	HIGHWAY-RAIL CROS MOVEMENTS INVOLVED:	SSING 1	0	<b>\$</b>	0
CSX	05/06/90 11:30 AM  TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION  EQUIPMENT DERAILED: CROSSING PROTECTION	HE MOTOR VEHI CROSSING.  BROOKSTON  N:	IN MAIN 4 AUTOMATIC BLOCK DIRECT TRAFFIC CONTI	HIGHWAY-RAIL CROS MOVEMENTS INVOLVED: ROL	SSING 1 PASSENGER TR	O MAIN 3	\$ 17	0 79 MPH
CSX	O5/06/90 11:30 AM  TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION  EQUIPMENT DERAILED: CROSSING PROTECTION	HE MOTOR VEHI CROSSING.  BROOKSTON  N:  HE MOTOR VEHI	IN MAIN 4 AUTOMATIC BLOCK DIRECT TRAFFIC CONTI	HIGHWAY-RAIL CROS MOVEMENTS INVOLVED:	SSING 1 PASSENGER TR	O MAIN 3	\$ 17	0 79 MPH
CSX	05/06/90 11:30 AM  TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION  EQUIPMENT DERAILED: CROSSING PROTECTION	HE MOTOR VEHI CROSSING.  BROOKSTON  N:  HE MOTOR VEHI	IN MAIN 4 AUTOMATIC BLOCK DIRECT TRAFFIC CONTI	HIGHWAY-RAIL CROS MOVEMENTS INVOLVED: ROL	SSING 1 PASSENGER TR	O MAIN 3	\$ 17	0 79 MPH
CSX	O5/06/90 11:30 AM  TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION  EQUIPMENT DERAILED: CROSSING PROTECTION	HE MOTOR VEHI CROSSING.  BROOKSTON  N:  HE MOTOR VEHI	IN MAIN 4 AUTOMATIC BLOCK DIRECT TRAFFIC CONTI	HIGHWAY-RAIL CROS MOVEMENTS INVOLVED: ROL	SSING 1 PASSENGER TR	O MAIN 3	\$ 17	0 79 MPH

	DAȚE TIME	CITY/STATIO	N 		ACCIDENT TYPE	KILLED	INJURED	RF	DAMAGE
IP	05/06/90 10:30 PI	M LAMINE		MO	DERAILMENT	0	0	\$	163,000
	TYPE OF TRACK:		MAIN						
	CLASS OF TRACK:		3						
91	METHOD OF OPERATIO		TRACK WARRANT AUTOMATIC BLOO		MOVEMENTS INVOLVED:	FREIGHT TRAIN	1LAE	S	35 MPH
	EQUIPMENT DERAILE		10 CAR(S)						
	PROBABLE CAUSE:	WIDE GAGE DUE	TO INEFFECTIVE	CROSS TIES	<b>5.</b>				
WC	05/07/90 05:45 A	M MACKVILLE		WI	DERAILMENT	0	0	\$	483,500
	TYPE OF TRACK:		MAIN	1					-
	CLASS OF TRACK:		3	,					
92	METHOD OF OPERATI EQUIPMENT DERAILE CROSSING PROTECTI	ON: D:		CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	T019	97	25 MPH
CR	PROBABLE CAUSE: 05/07/90 04:03 A			L JOINTS C/		0	 0	· \$	78,000
ATK	03/01/90 04:03 A	M MIDDLE KIA	EK .	MU	OTHER	U	U	Ð	76,000
AIK	TYPE OF TRACK:		MAIN						
	CLASS OF TRACK:		6						
07	METHOD OF OPERATI		-	NTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	TV	22	20 MPH
93					•				
93	EQUIPMENT DERAILE	D:	NONE						

RR CODE	DATE TIME CITY/S		STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMA	GE
BN	05/12/90 09:54 AM VERNO		TX	HIGHWAY-RAIL CROSSING	2	2	\$	0
	TYPE OF TRACK:	MAĮN						
	CLASS OF TRACK:	4						
94	METHOD OF OPERATION:	TRAFFIC CON	TROL	MOVEMENTS INVOLVED: FRI	EIGHT TRAIN	, 1410	a0 30 i	MPH
	EQUIPMENT DERAILED:	, NOŅE						
	CROSSING PROTECTION							

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

,	·	5 5 5 6 6		· ·				
UP .	05/17/90 12:01 PM NAMPA		ID	SIDE COLLISION	. 0	1 \$	136,000	
	TYPE OF TRACK:	MAIN						
	CLASS OF TRACK:	3				•		
95	METHOD OF OPERATION:	TRACK WARRANT	CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	YNA51	4 MPH	
					FREIGHT TRAIN	LQ150	12 MPH	
	EQUIPMENT DERAILED:	3 LOCOMOTIVE(S	•					
	CROSSING PROTECTION							

PROBABLE CAUSE: A CRIMPED TRAIN LINE HOSE IN TRAIN LQ150 RESULTED IN THE RETARDATION OF A BRAKE PIPE PRESSURE REDUCTION AND PREVENTED THE PROPAGATION OF AN EMERGENCY TRAIN BRAKE APPLICATION THROUGH THE TRAIN.

CONTRIBUTING FACTORS: THE AIR HOSE WAS 26 INCHES LONG INSTEAD OF 22 INCHES LONG.

CODE	DATE TIME CITY/STATIO	N STA	TE	ACCIDENT TYPE	KILLED	INJURED	RI	R DAMAGE
SSW	05/22/90 08:35 PM EDMONSON TYPE OF TRACK:	MAIN	AR	HIGHWAY-RAIL CROSS	ING 2	0	\$	800
96	CLASS OF TRACK: METHOD OF OPERATION:	AUTOMATIC BLOCK	NTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	MFD/	AQ.	50 MPH
	EQUIPMENT DERAILED: CROSSING PROTECTION	NONE						
	PROBABLE CAUSE: THE MOTOR VEH HIGHWAY-RAIL GRADE CROSSING.	ICLE OPERATOR FAILE	D TO YIE	LD THE RIGHT-OF-WAY TO	AN ONCOMING F	REIGHT TRA	IN AT	A
				·				
ORGW 1P	05/24/90 05:40 PM BUSHTON	•	KS	DERAILMENT	0	0	\$	217,000
	TYPE OF TRACK:	MAIN						
	CLASS OF TRACK:	4						
97	METHOD OF OPERATION:	TRACK WARRANT COM AUTOMATIC BLOCK	ITROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	FKC	V	20 MPH
	EQUIPMENT DERAILED: CROSSING PROTECTION	88 CAR(S)						
	PROBABLE CAUSE: HIGH WINDS F	ROM A TORNADO.						
IC	05/24/90 9:45 PM COVINGTON		TN .	DERAILMENT	0 .	0	\$	428,000
	TYPE OF TRACK:	MAIN 4	,	•	. •			
98	CLASS OF TRACK: METHOD OF OPERATION:			MOVEMENTS INVOLVED:	FREIGHT TRAIN	CRM	24	28 MPH
		17 CAR(S)						
	HAZARDOUS MATERIALS RELEASED: CROSSING PROTECTION		NUMBER	EVACUATED: 800		•		

DD	05/28/90 01:30 PM DU			AK	DERAILMENT	., (	)	0	d	30	98,000
ARR	TYPE OF TRACK:		MAIN	MK	DERAILMENT	,	,	U	•	, ,	70,000
	CLASS OF TRACK:		4	4							
99	METHOD OF OPERATION:	,	TRACK WARRANT	CONTROL	MOVEMENTS INVOLVED:	EDE I GUI	TDAIN		3007		43 MPH
77	EQUIPMENT DERAILED:		9 CAR(S)	CONTROL	MOVEMENTS INVOLVED.	( KL 1 GN	INAIN		3007	•	+J MFII
	CROSSING PROTECTION	•	·	-1	i .						
	CROSSING PROJECTION		•							,	
		RACK BUCKL	ED DUE TO INE	FFECTIVE RA	ALL ANCHORS CAUSING THE	MAIN LIN	E SWIT	H POINT	TO GA	AP.	
	CONTRIBUTING FACTORS:	TEMPERATUR	E AT THE TIME	OF THE ACC	CIDENT WAS 80 DEGREES F	AHRENHEIT				_	
			•••••								
CSX	05/31/90 07:45 AM SH			IN	HIGHWAY-RAIL CROS	SING 2	2	0	\$	8	0
	TYPE OF TRACK:		MAIN	*	4						
	CLASS OF TRACK:		4		•						
100	METHOD OF OPERATION:		DIRECT TRAFFI AUTOMATIC BLO		MOVEMENTS INVOLVED:	FREIGHT	TRAIN		2254	•	48 MPH
			VO LOUNT IC PEO								
	EQUIPMENT DERAILED:		NONE								
	CROSSING PROTECTION	NOTOR VEHIC	NONE		IELD THE RIGHT-OF-WAY T	O AN ONCO	DMING FF	REIGHT 1	FRAIN A	AT A	
	CROSSING PROTECTION  PROBABLE CAUSE: THE M	NOTOR VEHIC	NONE			O AN ONCO	DMING FF	RÉIGHT 1	FRAIN A	AT A	•
AGS	CROSSING PROTECTION  PROBABLE CAUSE: THE M HIGHWAY-RAIL GRADE CRO	NOTOR VEHIC DSSING.	NONE	AILED TO YI				REIGHT 1		AT A	8,200
AGS	CROSSING PROTECTION  PROBABLE CAUSE: THE M HIGHWAY-RAIL GRADE CRO  05/31/90 09:25 AM LI	OSSING.	NONE		HIGHWAY-RAIL CROS	SING 2	. <b></b>			•	8,200
AGS	CROSSING PROTECTION  PROBABLE CAUSE: THE M HIGHWAY-RAIL GRADE CRO	OSSING.	NONE	AILED TO YI			. <b></b>			•	8,200
AGS	CROSSING PROTECTION  PROBABLE CAUSE: THE M HIGHWAY-RAIL GRADE CRO  05/31/90 09:25 AM LI TYPE OF TRACK:	NOTOR VEHIC SSING.	NONE  LE OPERATOR F	AILED TO YI	HIGHWAY-RAIL CROS	SING 2	· !	0			8,200 40 MPH
	CROSSING PROTECTION  PROBABLE CAUSE: THE M HIGHWAY-RAIL GRADE CRO  05/31/90 09:25 AM LI TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	NOTOR VEHIC POSSING.	NONE  LE OPERATOR F.  MAIN 4 AUTOMATIC BLO TIME TABLE	AILED TO YI	HIGHWAY-RAIL CROS	SING 2	· !	0			·
	CROSSING PROTECTION  PROBABLE CAUSE: THE M HIGHWAY-RAIL GRADE CRO  05/31/90 09:25 AM LI TYPE OF TRACK: CLASS OF TRACK:	NOTOR VEHIC POSSING.	NONE  LE OPERATOR F.  MAIN 4 AUTOMATIC BLO TIME TABLE	AILED TO YI	HIGHWAY-RAIL CROS	SING 2	· !	0			·
	CROSSING PROTECTION  PROBABLE CAUSE: THE M HIGHWAY-RAIL GRADE CRO  05/31/90 09:25 AM LI TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:  EQUIPMENT DERAILED:	NOTOR VEHIC POSSING.	NONE  LE OPERATOR F.  MAIN 4 AUTOMATIC BLO TIME TABLE	AILED TO YI	HIGHWAY-RAIL CROS	SING 2	· !	0			·
	CROSSING PROTECTION  PROBABLE CAUSE: THE M HIGHWAY-RAIL GRADE CRO  05/31/90 09:25 AM LI TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:  EQUIPMENT DERAILED: CROSSING PROTECTION	OTOR VEHIC	NONE  LE OPERATOR F.  MAIN 4 AUTOMATIC BLO TIME TABLE NONE	AILED TO YI	HIGHWAY-RAIL CROS	FREIGHT	TRAIN	0	454	 B	·
	CROSSING PROTECTION  PROBABLE CAUSE: THE M HIGHWAY-RAIL GRADE CRO  05/31/90 09:25 AM LI TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:  EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE M	OTOR VEHIC	NONE  LE OPERATOR F.  MAIN 4 AUTOMATIC BLO TIME TABLE NONE	AILED TO YI	HIGHWAY-RAIL CROS	FREIGHT	TRAIN	0	454	 B	·

11/16/92

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, oobl	DATE	TIME	-		STATE		TYPE	KILLE	INJURE	) RR	DAMAGE
ATK CSX	05/31/90	11:53 AM			IN		-RAIL CROSS	SING 1	0	\$	29,509
	TYPE OF	TRACK:		MAIN							
	CLASS OF	TRACK:		4							
102	METHOD O	F OPERATION	i:	DIRECT TO	RAFFIC CONTROL BLOCK	MOVEMENTS	INVOLVED:	PASSENGER	TRAIN	317	78 MPH
	EQUIPMENT	T DERAILED:	}	NONE							
	CROSSING	PROTECTION	ı								
		CAUSE: TH			OR FAILED TO YIE	LD THE RIGHT	-OF-WAY TO	AN ONCOMIN	G PASSENGER	TRAIN AT	A
SOO BN	06/02/90	06:05 AM	ST CROIX		MN	REAR-ENI	D COLLISION	ı 0	1	<b></b> \$	29,945
	TYPE OF	TRACK:		MAIN							
	CLASS OF	TRACK:		4							
103	METHOD O	F OPERATION	٧:	TRAFFIC	CONTROL	MOVEMENTS	INVOLVED:	FREIGHT T	RAIN	222	0 MPH
			v					FREIGHT T	RAIN	42	5 MPH
	EQUIPMEN	T DERAILED	:	1 LOCOMO	TIVE(S)						
				3 CAR(S)							
				2 CVV(2)							
		PROTECTION	N	J CAR(S)							

	DATE TIME CITY/ST	TATION STATE	ACCIDENT TYPE	KILLED	INJURED	RR D	AMAGE
UP	06/02/90 09:25 PM STOCKT	ON CA	HIGHWAY-RAIL CROS	SING 2	1	\$	450
	TYPE OF TRACK:	MAIN					
	CLASS OF TRACK:	4		4	•		
104	METHOD OF OPERATION:	TRAFFIÇ CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	601	12	35 MPH
	EQUIPMENT DERAILED:	NONE					
	CROSSING PROTECTION						
	PROBABLE CAUSE: THE MOTOR	VEHICLE OPERATOR FAILED TO	YIELD THE RIGHT-OF-WAY TO	O AN ONCOMING FR	REIGHT TRAI	IN AT A	•
		•					
ST	06/03/90 09:05 PM KENNEB	BUNK ME	DERAILMENT	0	0	\$ 1	52,000
	TYPE OF TRACK:	MAIN		•			
	CLASS OF TRACK:	3					
105	METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	NESE	:3	25 MPH
	EQUIPMENT DERAILED:	9 CAR(S)					
	CROSSING PROTECTION		•				
	PROBABLE CAUSE: BURNED OF	FF JOURNAL DUE TO A FAILED RO	LLER BEARING ON BOX CAR	BAR 6777.			
TRRA	06/04/90 02:38 PM ST LOU	JIS MO	DERAILMENT	0	0	\$	77,000
	TYPE OF TRACK:	MAIN 2				f	
	CLASS OF TRACK:	2	•			•	
		INTERLOCKING	MOVEMENTS INVOLVED:	FREIGHT TRAIN	P10	)2	8 MPH
106	METHOD OF OPERATION:						
106	METHOD OF OPERATION: EQUIPMENT DERAILED:	14 CAR(S)					

CODE	DATE TIME CITY/STATIO	ON STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
AGS	06/06/90 02:55 PM MOUNDVILLI	MAIN	HIGHWAY-RAIL CROSS			\$ 1,125,000
107	CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		MOVEMENTS INVOLVED:			40 MPH
	CROSSING PROTECTION	··				
	PROBABLE CAUSE: THE TRACTOR- HIGHWAY-RAIL GRADE CROSSING.		YIELD THE RIGHT-OF-WAY	TO AN ONCOMING	FREIGHT TRA	IN AT A
	•		•			
		4	J.	,		
BN	06/08/90 05:30 PM LAMONA TYPE OF TRACK: CLASS OF TRACK:	WA MAIN 4	SIDE COLLISION	0	6	\$ 6,033,500
108	METHOD OF OPERATION:		MOVEMENTS INVOLVED:	FREIGHT TRAIN		
	EQUIPMENT DERAILED: CROSSING PROTECTION	2 LOCOMOTIVE(S)				
	PROBABLE CAUSE: FAILURE OF T	HE RAIL GRINDER TO STOP AT	A RED ABSOLUTE BLOCK S	I GNAL .		
BN	06/11/90 11:22 AM SENECA TYPE OF TRACK: CLASS OF TRACK:	NE Main 4	HIGHWAY-RAIL CROS	SING 4	1	\$ 150
109	METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION	TRAFFIC CONTROL NONE	MOVEMENTS INVOLVED:	FREIGHT TRAIN	42KK0	50 MPH
	PROBABLE CAUSE: THE MOTOR VE	HICLE OPERATOR FAILED TO Y	IELD THE RIGHT-OF-WAY TO	D AN ONCOMING FR	REIGHT TRAIN	AT A
	, ,		•			
		•				

CODE	DATE TIME	CITY/STATION	l 	STATE	ACCIDENT TYPE	KILLÉD	INJUR	:D	RR D	AMAGE
P	06/12/90 07:00 PM	DILLEY		TX	HIGHWAY-RAIL CROS	SING 2	0		\$	100
	TYPE OF TRACK:		MAIN			•				
	CLASS OF TRACK:		4		9					
110	METHOD OF OPERATIO	ON:	TRACK WARRANT	CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN		SALD1		40 MPH
	EQUIPMENT DERAILED	):	NONE							
	CROSSING PROTECTIO	ON	÷							
	PROBABLE CAUSE: 1 HIGHWAY-RAIL GRADE		CLE OPERATOR FÁ	ILED TO Y	IELD THE RIGHT-OF-WAY T	O ÂN ONCOMING FI	REIGHT	TRAIN	AT A	
	•				•					
 :R	06/14/90 12:55 PM	 I FAIRHOPE		OH	OBSTRUCTION	0	 Ó		\$ 2	25,000
	TYPE OF TRACK:		MAIN							
	CLASS OF TRACK:		4							
111 1	METHOD OF OPERATIO	ON:	AUTOMATIC BLOC	K	MOVEMENTS INVOLVED:	FREIGHT TRAIN		MAIL4 DA010		40 MPH 0 MPH
	EQUIPMENT DERAILED	):	NONE					••••		•
	CROSSING PROTECTIO									
	PROBABLE CAUSE: 1	THE TRAIN DISP	ATCHER FAILED T	O PROVIDE	PROPER PROTECTION FOR	M OF W EQUIPMEN	τ.			
 ВN	06/16/90 12:30 PM	1 FENTON		IL	DERAILMENT	1	3		\$ 2,0	51,500
	TYPE OF TRACK:		MAIN							
	CLASS OF TRACK:		4, ,							
112	METHOD OF OPERATIO				MOVEMENTS INVOLVED:	FREIGHT TRAIN		14416		40 MPH
	EQUIPMENT DERAILED	):	2 LOCOMOTIVE(S	)						
			32 CAR(S)						•	
	CROSSING PROTECTION	ON								

CODE	DATE TIME CI	ITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR	DAMAGE
SP.	06/16/90 5:25 PM A	ANACACHO	тх	DERAILMENT	0	0	\$	263,200
	TYPE OF TRACK:	MAIN						
	CLASS OF TRACK:	5					_	E4
113	METHOD OF OPERATION:			MOVEMENTS INVOLVED:	FREIGHT TRAIN	NOLX	T	56 MPH
	EQUIPMENT DERAILED: CROSSING PROTECTION	29 CAR(S	,					
	CROSSING PROJECTION							
	PROBABLE CAUSE: AN A		CAUSED AN EMERGE	ENCY BRAKE APPLICATION N	HICH RESULTED	IN A KNUCKL	E FAI	LURE ON TI
				•				
csx	06/19/90 8:05 AM I		TN	HIGHWAY-RAIL CROS	SING 3	1	\$	768,150
	TYPE OF TRACK:	MAIN	•					
	CLASS OF TRACK:	4						
114	METHOD OF OPERATION:			MOVEMENTS INVOLVED:	FREIGHT TRAIN	R535		30 MPH
	EQUIPMENT DERAILED:	1 LOCOM	OTIVE(S)					
	CROSSING PROTECTION							
	PROBABLE CAUSE: THE	MOTOR VEHICLE OPER	ATOR FAILED TO Y	IELD THE RIGHT-OF-WAY TO	O AN ONCOMING F	REIGHT TRAI	N AT	A
	HIGHWAY-RAIL GRADE C	ROSSING.			•			
AGS	06/20/90 01:40 PM	ELLISVILLE	MS	HIGHWAY-RAIL CROS	SING 2	0	\$	500
	TYPE OF TRACK:	MAIN						
	CLASS OF TRACK:	4						
	METHOD OF OPERATION:	AUTOMA	TIC BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	393 <i>A</i>	8	50 MPH
115		TRAIN C	RDERS					
115		TIME TA	BLE					
115								
115	EQUIPMENT DERAILED:							
115	EQUIPMENT DERAILED: CROSSING PROTECTION							
115	CROSSING PROTECTION	NONE						
115	CROSSING PROTECTION	NONE  MOTOR VEHICLE OPER	ATOR FAILED TO Y	IELD THE RIGHT-OF-WAY T	O AN ONCOMING F	REIGHT TRAI	N AT	A

RR CODE	DATE TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DA	MAGE
SOU	06/27/90 05:12 PM	СНОССОГОССО	AL IÀIN	HIGHWAY-RAIL CRÓSS		0	\$	250
116	CLASS OF TRACK: METHOD OF OPERATIO EQUIPMENT DERAILED CROSSING PROTECTIO	4 N: T : N	1	MOVEMENTS INVOLVED:	FREIGHT TRAIN	353A	1 47	7 MPH

PROBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A HIGHWAY-RAIL GRADE CROSSING.

## CONTRIBUTING FACTORS: THE MOTOR VEHICLE OPERATOR'S BLOOD ALCOHOL LEVEL WAS MEASURED AT 0.182 PERCENT.

S00	06/27/90 11:12 AM SABULA	İL	HEAD-END COLLISION	0	1	\$ 18,000
	TYPE OF TRACK:	MÀIN				
	CLASS OF TRACK:	2				
117	METHOD OF OPERATION:	TRACK WARRANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	198	O MPH
		AUTÓMÁTIC BLÓCK Yard Limits		FREIGHT TRAIN	229	4 MPH
	EQUIPMENT DERAILED:	2 LOCOMOTIVE(S) 5 CAR(S)	,			
	CROSSING PROTECTION				•	

PROBABLE CAUSE: FAILURE OF THE ENGINEER ON TRAIN NO. 229 TO OPERATE HIS TRAIN AT RESTRICTED SPEED AND STOP SHORT OF TRAIN NO. 198.

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CODE	DATE TIME	CITY/STATION		TATE	ACCIDENT TYPE	KILLED	INJURED .		R DAMAGE
R	06/28/90 05:45 PM	REDDICK		IL,	HEAD-END COLLISION	0	3	\$	131,000
	TYPE OF TRACK:		MAIN						
	CLASS OF TRACK: `		4						
118	METHOD OF OPERATIO	N:	MANUAL BLOCK		MOVEMENTS INVOLVED:	WORK TRAIN FREIGHT TRAIN	нсна	26	0 MPH 45 MPH
	EQUIPMENT DERAILED	:	2 LOCOMOTIVE(S)				*-		
			7 CAR(S)						
	CROSSING PROTECTIO	N .							
	PROBABLE CAUSE: A THE NORMAL OPERATI		NG MAINTENANCE OF	N A SWITCH	I, THE TRACK INSPECTION	& REPAIR FOREM	AN FAILED	TO R	ESTORE IT
	,							· ·	
CSX	06/28/90 8:37 AM		<u>,</u>	ОН	DERAILMENT	0	0	\$	124,100
	TYPE OF TRACK:	•	MAİN		•				
	CLASS OF TRACK:	•	4						
119	METHOD OF OPERATIO		TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	370	27	50 MPH
	EQUIPMENT DERAILED								
	HAZARDOUS MATERIAL		YES	NUMBER	EVACUATED: 200				
	CROSSING PROTECTIO	PN	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		•				
	PROBABLE CAUSE: U	INDETERMINED.	, .			* *			
ATK IC	06/29/90. 08:44 PM	LOCKPORT	,	IL	HIGHWAY-RAIL CROSS	SING 4	1	\$	7,000
16	TYPE OF TRACK:		MAIN		•				
	CLASS OF TRACK:		4 .						
120	METHOD OF OPERATIO	M •	AUTOMATIC BLOCK		MOVEMENTS INVOLVED:	DASSENGER TRAT	N 3	07	79 MPH
120	PETROD OF OPERATIO	<b>/11 •</b>	TRACK PERMIT CO		HOVEHERIO INVOLVED.	TROOLINGER TRAI			77 111 11
	CROSSING PROTECTION		NONE						
	PROBABLE CAUSE: T	HE MOTOR VEHI	CLE OPERATOR FAI	LED TO YIE	ELD THE RIGHT-OF-WAY TO	AN ONCOMING PA	SSENGER T	RAIN	AT A

			CITY/STATIO		STATE	ACCIDENT TYPE	KILLED	, in	JURED	R	R DAMAGE
ATK	06/29/90 TYPE OF T	01:22 PM RACK:	PHILADELPH		PA	DERAILMENT	0	y	2	\$	198,294
121		TRACK: OPERATION	ł:	INTERLOCKING AUTO TRAIN CO AUTO TRAIN S CAB SIGNAL	ONTROL	MOVEMENTS INVOLVED:	PASSENGER	TRAIN	١	1061	30 MPH
•	EQUIPMENT	DERAILED:	I	1 LOCOMOTIVE	(S)						
	CROSSING	PROTECTION	ł			*	+				,
						A-5 LOCK ROD BETWEEN THE EL OF THE LOCOMOTIVE TO			RAIL A	AND THE	RUNNING
	RAIL ON T	URNOUT NUN		CH FORCED THE			O LIFT OFF.		RAIL A	AND THE	RUNNING
NW	06/29/90 TYPE OF T	URNOUT NUM 03:13 PM	MBER 173, WH	CH FORCED THE		EL OF THE LOCOMOTIVE TO	O LIFT OFF.		2	AND THE	RUNNING 31,300
 NW 122	06/29/90 TYPE OF T CLASS OF METHOD OF	URNOUT NUM	CHESAPEAKE	CH FORCED THE	LEADING WHE	EL OF THE LOCOMOTIVÉ TO	O LIFT OFF.	· • • • • • • • • • • • • • • • • • • •	2		

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HIGHWAY-RAIL GRADE CROSSING.

BAR	07/01/90 04:02	PM EAGLE LAKE		ME	HIGHWAY-RAIL CROSSING	G 2	2	\$	50
	TYPE OF TRACK:		MAIN						
	CLASS OF TRACK:		4	•					
123	METHOD OF OPERAT	ION:	VOICE CONTROL		MOVEMENTS INVOLVED: F	REIGHT TRAIN	4	212	41 MPH
	EQUIPMENT DERAIL	D:	NONE						
	CROSSING PROTECT	ION							
	PROBABLE CAUSE: HIGHWAY-RAIL GRAI		CLE OPERATOR FAI	LED TO YI	ELD THE RIGHT-OF-WAY TO A	N ONCOMING I	FREIGHT	TRAIN A	T A
					e1				
 UP	07/03/90 05:30	AM NORTH LAS V	/EGAS		HIGHWAY-RAIL CROSSIN	G 2	1	\$	3,000
	TYPE OF TRACK:		MAIN					•	
	CLASS OF TRACK:		4 .						
	CLASS OF TRACK:		7 '						
124	METHOD OF OPERAT	ION:	TRAFFIC CONTROL		MOVEMENTS INVOLVED: F	REIGHT TRAII	N	APSCL	59 MPH
124			-		MOVEMENTS INVOLVED: F	REIGHT TRAII	N	APSCL	59 MPH
124	METHOD OF OPERAT	ED:	TRAFFIC CONTROL		MOVEMENTS INVOLVED: F	REIGHT TRAII	N	APSCL	59 MPH
124	METHOD OF OPERAT EQUIPMENT DERAIL CROSSING PROTECT	ED: ION THE MOTOR VEHI	TRAFFIC CONTROL NONE		MOVEMENTS INVOLVED: F				
124 ATK	METHOD OF OPERAT EQUIPMENT DERAIL CROSSING PROTECT PROBABLE CAUSE:	ED: ION THE MOTOR VEHI DE CROSSING.	TRAFFIC CONTROL NONE			N ONCOMING (	FREIGHT	TRAIN A	T A
	METHOD OF OPERAT EQUIPMENT DERAIL CROSSING PROTECT PROBABLE CAUSE: HIGHWAY-RAIL GRA	ED: ION THE MOTOR VEHI DE CROSSING.	TRAFFIC CONTROL NONE	LED TO YI	ELD THE RIGHT-OF-WAY TO A	N ONCOMING (	FREIGHT	TRAIN A	T A
ATK	METHOD OF OPERAT EQUIPMENT DERAIL CROSSING PROTECT PROBABLE CAUSE: HIGHWAY-RAIL GRA	ED: ION THE MOTOR VEHI DE CROSSING.	TRAFFIC CONTROL NONE	LED TO YI	ELD THE RIGHT-OF-WAY TO A	N ONCOMING (	FREIGHT	TRAIN A	T A
ATK	METHOD OF OPERAT EQUIPMENT DERAIL CROSSING PROTECT PROBABLE CAUSE: HIGHWAY-RAIL GRA	ED: ION THE MOTOR VEHI DE CROSSING.	TRAFFIC CONTROL NONE CLE OPERATOR FAI	LED TO YI	ELD THE RIGHT-OF-WAY TO A	N ONCOMING (	FREIGHT	TRAIN A	T A
ATK	METHOD OF OPERAT EQUIPMENT DERAIL CROSSING PROTECT PROBABLE CAUSE: HIGHWAY-RAIL GRA  07/05/90 10:56	ED: ION THE MOTOR VEHI DE CROSSING.  AM MERIDIAN	TRAFFIC CONTROL NONE CLE OPERATOR FAI	LED TO YI	ELD THE RIGHT-OF-WAY TO A	N ONCOMING (	FREIGHT	TRAIN A	T A
ATK AGS	METHOD OF OPERAT EQUIPMENT DERAIL CROSSING PROTECT PROBABLE CAUSE: HIGHWAY-RAIL GRA  07/05/90 10:56  TYPE OF TRACK: CLASS OF TRACK:	ED: ION THE MOTOR VEHI DE CROSSING.  AM MERIDIAN	TRAFFIC CONTROL NONE CLE OPERATOR FAI  MAIN 4	LED TO YI	ELD THE RIGHT-OF-WAY TO A	N ONCOMING (	FREIGHT	TRAIN A	T A 327,718
ATK AGS	METHOD OF OPERAT EQUIPMENT DERAIL CROSSING PROTECT PROBABLE CAUSE: HIGHWAY-RAIL GRA  07/05/90 10:56  TYPE OF TRACK: CLASS OF TRACK:	ED: ION THE MOTOR VEHI DE CROSSING.  AM MERIDIAN	TRAFFIC CONTROL NONE  CLE OPERATOR FAI  MAIN 4 AUTOMATIC BLOCK	LED TO YI	ELD THE RIGHT-OF-WAY TO A	N ONCOMING (	FREIGHT	TRAIN A	T A 327,718
ATK AGS	METHOD OF OPERAT EQUIPMENT DERAIL CROSSING PROTECT PROBABLE CAUSE: HIGHWAY-RAIL GRA  07/05/90 10:56  TYPE OF TRACK: CLASS OF TRACK:	ED: ION THE MOTOR VEHI DE CROSSING.  AM MERIDIAN ION:	TRAFFIC CONTROL NONE  CLE OPERATOR FAI  MAIN 4 AUTOMATIC BLOCK TIME TABLE	LED TO YI	ELD THE RIGHT-OF-WAY TO A	N ONCOMING (	FREIGHT	TRAIN A	T A 327,718
ATK AGS	METHOD OF OPERAT EQUIPMENT DERAIL CROSSING PROTECT  PROBABLE CAUSE: HIGHWAY-RAIL GRA  07/05/90 10:56  TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERAT	ED: ION THE MOTOR VEHI DE CROSSING.  AM MERIDIAN ION:	TRAFFIC CONTROL NONE  CLE OPERATOR FAI  MAIN 4 AUTOMATIC BLOCK TIME TABLE TRAIN ORDERS	LED TO YI	ELD THE RIGHT-OF-WAY TO A	N ONCOMING (	FREIGHT	TRAIN A	T A 327,718

E	DATE	TIME	CITY/STATION	· · ·	STA	re 	ACCIDENT	TYPE		KILLE	D I	NJURE	D 	RR	DAMAGE
1	07/06/90	05:58 PM	DUSON		, I	LA.	HIGHWAY	RAIL Ç	ROSSING	G 2		2		\$	0
1		TRACK:		MAIN											
		TRACK:		4		17001									EE MOU
i ,	METHOD Q	F OPERATION	N:	DIRECT 1	RAFFIC COI C BLOCK	NTROL	MOVEMENTS	INVOLVE	D: FI	REIGHT 1	RAIN		LFLCL		55 MPH
		T DERAILED PROTECTION		NONE											
,		CAUSE: TI	HE MOTOR VEHI	CLE OPERA	TOR FAILE	TO YII	ELD THE RIGH	Γ-OF-₩A	Y to ai	ONCOM	NG FRE	IGHT	TRAIN	AT A	· ´
;															
	07/06/90	03:45 PM	REALITOS	. •	1	ГХ	DERAILM	ENT	•	Ö		0	1	\$	453,000
1	TYPE OF			MAIN											
		TRACK:		3	,		MONTHENER		N- F				-,		70 MDU
		F OPERATION T DERAILED		TRAIN OF 20 CAR(S)			MOVEMENTS	INVOLVE	D: FI	REIGHT 1	KAIN		. (		38 MPH
,		PROTECTION		EU CAR(S)											
	DDODADI E	CAUCE - EX	Vorocius bust	/ COMP.P.F.C	OLVEN FOR	250 CALI	SED BY THORO	SER ÝRA	TAL MANE	NI THE					*
			XCESSIVE BUFF RS: IRREGULAR				SEU BY IMPRO	PER IRA	IN HAN	LING.					
<u>-</u>															
:			CONGERVILLE		1	IL	H I GHWAY	-RAIL C	ROSSIN	3 2		0		\$	217
ļ	TYPE OF			MAIN 3									*		
:		TRACK: F OPERATION	,		ARRANT CONT	TROI	MOVEMENTS	INVOLVE	D: FI	· PEIGHT 1	RATN .		5148₩		25 MPH
		T DERAILED		NONE	INIONI CON	I KOL	HOTEMENTO				W. T.		J 170N		22 111 11
		PROTECTIO													
ŀ							4,4 %								
ŗ		CAUSE: TI	HE MOTOR VEHI CROSSING.	CLE OPERA	TOR FAILE	O TO YII	ELD THE RIGH	Γ-OF-₩A	Y TO A	N ONCOM	NG FRE	IGHT	TRAIN	AT /	1
															.*
				•				-	•					v	

RR CODE	DATE	TIME	CITY/STATION	STA	NTE	ACCIDENT	TYPE		KILLED	INJURED	RR I	DAMAGE
UP	07/08/90 TYPE OF T		JULIAN	MAIN 3	NE	H I GHWAY	-RAIL	CROSSING	2	0	\$	1,000
129	METHOD OF	OPERATION DERAILED: PROTECTION		TRAFFIC CONTROL NONE		MOVEMENTS	INVOLV	ED: FRE	EIGHT TRAIN	І СВК	C8 ·	38 MPH
		CAUSE: TH		CLE OPERATOR FAILE	D TO YIE	LD THE RIGH	T-OF-W	AY TO AN	ONCOMING F	REIGHT TRA	IN AT A	
ATK Sou	07/09/90	08:10 PM	CALVERTON		VA	H I GHWAY	 -RAIL	CROSSING	1	0	\$	2,500
	TYPE OF			MAIN								
130	EQUIPMENT	TRACK: F OPERATION T DERAILED: PROTECTION	1	TRAFFIC CONTROL		MOVEMENTS	INVOLV	ED: PAS	SSENGER TRA	AIN	19	79 MPH
		CAUSE: TH		CLE OPERATOR FAILE	TO YIE	LD THE RIGH	IT-0F <b>-W</b>	AY TO AN	ONCOMING F	PASSENGER T	RAIN AT	A
				,								

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CODE	DATE TIME	CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP ;	07/09/90 04:15 PM	ROCK SPRINGS	WY	DERAILMENT	0	0	\$ 855,212
	TYPE OF TRACK:	MAIN		•			
	CLASS OF TRACK:	5		•			
131 ¦	METHOD OF OPERATION	I: TRAF	FIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	GQNEK	42 MPH
:	EQUIPMENT DERAILED: CROSSING PROTECTION		R(S)				
!				OVERED HOPPER CAR TGOX LE WAS RECONDITIONED.	500127. THE FA	ILURE WAS CAU	USED BY A
SP	07/11/90 6:00 PM	KEITHVILLE	LA	HIGHWAY-RAIL CROS	SING 4	7	\$ 1,500
. '	TYPE OF TRACK:	MAIN	•				
1	CLASS OF TRACK:	4					
132	METHOD OF OPERATION	I: DIRE	CT TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	414L2	48 ,MPH
:	EQUIPMENT DERAILED:	NONE					
	CROSSING PROTECTION	I	•				
1	PROBABLE CAUSE: THE HIGHWAY-RAIL GRADE		PERATOR FAILED TO Y	IELD THE RIGHT-OF-WAY T	O AN ONCOMING F	REIGHT TRAIN	AT A
ATSF	07/14/90 11:50 PM	AMARILLO	TX-	HIGHWAY-RAIL CROS	SING 2	1	\$ 200
1	TYPE OF TRACK:	MAIN					
	CLASS OF TRACK:	3					
133	METHOD OF OPERATION	l: TRAF	FIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	16061	40 MPH
	EQUIPMENT DERAILED:	NONE	4				
	CROSSING PROTECTION	l	· ,				
	PROBABLE CAUSE: TH		PERATOR FAILED TO Y	IELD THE RIGHT-OF-WAY T	O AN ONCOMING F	REIGHT TRAIN	AT A
1	HIGHWAI KAIL GRADE						
1	HIGHWAI RAIL GRADE			4. Care 1. Car			et site

RR CODE	DATE TIME	CITY/STATION	ST	<b>IATE</b>	ACCIDENT TY		KILLED	INJURE		R DAMAGE
ATSF	07/16/90 03:45 PM TYPE OF TRACK: CLASS OF TRACK:	PROGRESS	MAIN 4	тх	HIGHWAY-RA					200
134	METHOD OF OPERATION EQUIPMENT DERAILED: CROSSING PROTECTION	1	TRAFFIC CONTROL NONE		MOVEMENTS INVO	OLVED: I	FREIGHT TRA	in a	27851	52 MPH ,
	PROBABLE CAUSE: TH HIGHWAY-RAIL GRADE		CLE OPERATOR FAIL	LED TO YIE	LD THE RIGHT-O	F-WAY TO A	AN ONCOMING	FREIGHT	TRAIN AT	A
BN	07/17/90 02:10 PM			NE	REAR-END C	•		4	<b></b> \$	112,200
	TYPE OF TRACK: CLASS OF TRACK:		MAIN 3							
135	METHOD OF OPERATION	l <b>:</b>	TRAFFIC CONTROL		MOVEMENTS INV		FREIGHT TRA		13116 01121	0 MPH 20 MPH
	EQUIPMENT DERAILED: CROSSING PROTECTION		5 CAR(S)		,					
,	CROSSING PROTECTION									
•	PROBABLE CAUSE: TH	IE CREW ON EX	TRA 01121 FAILED	TO OPERAT	E THEIR TRAIN	IN ACCORDA	ANCE WITH A	RESTRICT	ED, SPEED	SIGNAL

				ATE	ACCIDENT	TYPE	KILLED	INJURED	RR	DAMAGE
YPE OF TO			MAIN	NM	DERAILM	ENT	0	0	\$	121,000
ETHOD OF	OPERATION DERAILED:		1 LOCOMOTIVE(S)		MOVEMENTS	INVOLVED: F	REIGHT TRAIN	BNSXF	,	58 MPH
KO221NG I	PRUIECTION		;		•	¢			•	
					S BROKE DUE			FROM INSUFF	ICIE	NT .
7:/21 /00	10.20 DM	DENO.			DEDATIN					35,300
YPE OF TI	RACK:		MÁIN	WI	DERAILM	icn (			•	33,300
SETHOD OF	OPERATION DERAILED:				MOVEMENTS	INVOLVED: F	REIGHT TRAIN	21190		5 MPH
			RELAY FAILED TO	DE-ENERE	GIZE DURING	TRAIN OCCUPA	NCY WHICH ALL	OWED THE CR	0220	VER SWITCH
	YPE OF TO LASS OF ETHOD OF QUIPMENT ROSSING ROBABLE JBRICATIO YPE OF TO LASS OF ETHOD OF QUIPMENT ROSSING	YPE OF TRACK: LASS OF TRACK: ETHOD OF OPERATION QUIPMENT DERAILED: ROSSING PROTECTION ROBABLE CAUSE: TH JBRICATION AT THE  T/21/90 10:20 PM YPE OF TRACK: LASS OF TRACK: ETHOD OF OPERATION QUIPMENT DERAILED: ROSSING PROTECTION ROBABLE CAUSE: TH	YPE OF TRACK: LASS OF TRACK: ETHOD OF OPERATION: QUIPMENT DERAILED: ROSSING PROTECTION ROBABLE CAUSE: THE NUMBER TWO JBRICATION AT THE TRACTION MOTO YPE OF TRACK: LASS OF TRACK: ETHOD OF OPERATION: QUIPMENT DERAILED: ROSSING PROTECTION ROBABLE CAUSE: THE 20 ST TRACK	YPE OF TRACK:  LASS OF TRACK:  ETHOD OF OPERATION:  TRAFFIC CONTROL  QUIPMENT DERAILED:  TO CAR(S)  ROSSING PROTECTION  ROBABLE CAUSE: THE NUMBER TWO AXLE ON LOCOMOTIVE  UBRICATION AT THE TRACTION MOTOR SUPPORT BEARING  TY21/90 10:20 PM RENO  YPE OF TRACK:  LASS OF TRACK:  ETHOD OF OPERATION:  TRAFFIC CONTROL  QUIPMENT DERAILED:  ROSSING PROTECTION  ROBABLE CAUSE: THE 20 ST TRACK RELAY FAILED TO	YPE OF TRACK:  LASS OF TRACK:  ETHOD OF OPERATION:  TRAFFIC CONTROL  1 LOCOMOTIVE(S)  7 CAR(S)  ROSSING PROTECTION  ROBABLE CAUSE: THE NUMBER TWO AXLE ON LOCOMOTIVE SP 9600  JBRICATION AT THE TRACTION MOTOR SUPPORT BEARING.  7/21/90 10:20 PM RENO  YPE OF TRACK:  MAIN  LASS OF TRACK:  ETHOD OF OPERATION:  TRAFFIC CONTROL  QUIPMENT DERAILED:  ROSSING PROTECTION	YPE OF TRACK:  LASS OF TRACK:  ETHOD OF OPERATION:  TRAFFIC CONTROL  MOVEMENTS  QUIPMENT DERAILED:  T CAR(S)  ROSSING PROTECTION  ROBABLE CAUSE: THE NUMBER TWO AXLE ON LOCOMOTIVE SP 9606 BROKE DUE  JBRICATION AT THE TRACTION MOTOR SUPPORT BEARING.  T/21/90 10:20 PM RENO  WY DERAILM  YPE OF TRACK:  MAIN  LASS OF TRACK:  MAIN  LASS OF TRACK:  TRAFFIC CONTROL  MOVEMENTS  QUIPMENT DERAILED:  G CAR(S)  ROSSING PROTECTION  ROBABLE CAUSE: THE 20 ST TRACK RELAY FAILED TO DE-ENEREGIZE DURING	YPE OF TRACK:  LASS OF TRACK:  ETHOD OF OPERATION:  TRAFFIC CONTROL  TRAFFIC CONTROL  MOVEMENTS INVOLVED:  FROM THE TRACK TO THE NUMBER TWO AXLE ON LOCOMOTIVE SP 9606 BROKE DUE TO OVERHEAT INTO JUBRICATION AT THE TRACTION MOTOR SUPPORT BEARING.  TY21/90 10:20 PM RENO  WY DERAILMENT  TY21/90 10:20 PM RENO  WY DERAILMENT  TYPE OF TRACK:  MAIN  LASS OF TRACK:  TRAFFIC CONTROL  MOVEMENTS INVOLVED:  FROM TRACK:  AUIPMENT DERAILED:  G CAR(S)  ROBABLE CAUSE: THE 20 ST TRACK RELAY FAILED TO DE-ENEREGIZE DURING TRAIN OCCUPA	YPE OF TRACK:  LASS OF TRACK:  4 ETHOD OF OPERATION:  TRAFFIC CONTROL  TRAFFIC CONTROL  TRAFFIC CONTROL  TOWNERNTS INVOLVED:  FREIGHT TRAIN  AUIPMENT DERAILED:  TOWNERNT DERAILED:  TOWNERNT DERAILED:  TOWNERNT DERAILED:  TOWNERNT THE NUMBER TWO AXLE ON LOCOMOTIVE SP 9606 BROKE DUE TO OVERHEATING RESULTING  JUBRICATION AT THE TRACTION MOTOR SUPPORT BEARING.  TOWNERNT DERAILMENT  TOWNERNT DERAILMENT  O  TOWNERNT DERAILMENT  O  TRAFFIC CONTROL  MOVEMENTS INVOLVED:  FREIGHT TRAIN  AUIPMENT DERAILED:  G CAR(S)  ROSSING PROTECTION  ROBABLE CAUSE: THE 20 ST TRACK RELAY FAILED TO DE-ENEREGIZE DURING TRAIN OCCUPANCY WHICH ALLE	PRE OF TRACK:  LASS OF TRACK:  4 ETHOD OF OPERATION:  TRAFFIC CONTROL  TRAFFIC CONTROL  TRAFFIC CONTROL  TRAFFIC CONTROL  TO CAR(S)  TO CAR(S)  ROSSING PROTECTION  ROBABLE CAUSE: THE NUMBER TWO AXLE ON LOCOMOTIVE SP 9606 BROKE DUE TO OVERHEATING RESULTING FROM INSUFF UBRICATION AT THE TRACTION MOTOR SUPPORT BEARING.  7/21/90 10:20 PM RENO  WY DERAILMENT  TY21/90 10:20 PM RENO  WY DERAILMENT  TY21/90 10:20 PM RENO  WY DERAILMENT  TRAFFIC CONTROL  MOVEMENTS INVOLVED: FREIGHT TRAIN  211QO  ROBABLE CAUSE: THE 20 ST TRACK RELAY FAILED TO DE-ENEREGIZE DURING TRAIN OCCUPANCY WHICH ALLOWED THE CREATERS  ROBABLE CAUSE: THE 20 ST TRACK RELAY FAILED TO DE-ENEREGIZE DURING TRAIN OCCUPANCY WHICH ALLOWED THE CREATERS  TRAFFIC CONTROL  TRAFFI	TYPE OF TRACK:  LASS OF TRACK:  4 ETHOD OF OPERATION:  TRAFFIC CONTROL  TRAFFIC CONTROL  TOWN TOWN TOWN THAT TRAIN  BUSKF  RUIPMENT DERAILED:  TOWN TOWN TOWN TOWN TOWN THAT THAT THAT IN BUSKF  ROSSING PROTECTION  ROBABLE CAUSE: THE NUMBER TWO AXLE ON LOCOMOTIVE SP 9606 BROKE DUE TO OVERHEATING RESULTING FROM INSUFFICIE  JBRICATION AT THE TRACTION MOTOR SUPPORT BEARING.  TY21/90 10:20 PM RENO  WY DERAILMENT  TY21/90 10:20 PM RENO  WY DERAILMENT  TY21/90 10:20 PM RENO  WY DERAILMENT  TRAFFIC CONTROL  MAIN  LASS OF TRACK:  BAIN  LASS OF TRACK:  TRAFFIC CONTROL  MOVEMENTS INVOLVED: FREIGHT TRAIN  Z11QO  ROBABLE CAUSE: THE 20 ST TRACK RELAY FAILED TO DE-ENEREGIZE DURING TRAIN OCCUPANCY WHICH ALLOWED THE CROSSON

MV	07/24/90 02:30 AM BARTON		VT	DERAILMENT	0	0	\$	174,898
	TYPE OF TRACK:	MAIN						
_	CLASS OF TRACK!	3		MONEMENTO INVOLVED	EDELOUE EDALM		DOZ	2E MDU
8	METHOD OF OPERATION:	AUTOMATIC BLOCK		MOVEMENTS INVOLVED:	FREIGHT TRAIN		RS3	25 MPH
	EQUIPMENT DERAILED: HAZARDOUS MATERIALS RELEASED:	5 CAR(S)	MIMOED	EVACUATED: 75		1		
	CROSSING PROTECTION	169	NUMBER	EVACUATED: 75	. •			
	PROBABLE CAUSE: EXCESSIVE RAIN	IFALL CAUSED THE R	OADBED TO	TUO HEAW C	•			
 P	07/24/90 12:46 PM DEXTER		MO	HIGHWAY-RAIL CROSS	ING 1	0	\$	200
	TYPE OF TRACK:	MAIN						
	CLASS OF TRACK:	4	•	• • • • • • • • • • • • • • • • • • • •		v		
39	METHOD OF OPERATION:	TRAFFIC CONTROL		MOVEMENTS INVOLVED:	LIGHT LOCO(S)	L	.sv50	40 MPH
	EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEHI HIGHWAY-RAIL GRADE CROSSING.	NONE			THE ONCOMING	rocomot i	VES AT	A
	CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEHI				THE ONCOMING (	rocomoti	VES AT	A
	CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEHI				THE ONCOMING	LOCOMOT I	VES AT	A
	CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEHI				THE ONCOMING (	O	VES AT	
	CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEHI HIGHWAY-RAIL GRADE CROSSING.	CLE OPERATOR FAIL	ED TO YII	ELD THE RIGHT-OF-WAY TO				
	CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEHINGHWAY-RAIL GRADE CROSSING.	CLE OPERATOR FAIL	ED TO YII	ELD THE RIGHT-OF-WAY TO				
P	CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEHINGHWAY-RAIL GRADE CROSSING.  07/25/90 10:15 AM CAJON TYPE OF TRACK:	CLE OPERATOR FAIL	ED TO YII	ELD THE RIGHT-OF-WAY TO	0	0		3 11,100
IP	CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEHINGHWAY-RAIL GRADE CROSSING.  07/25/90 10:15 AM CAJON TYPE OF TRACK: CLASS OF TRACK:	CLE OPERATOR FAIL  MAIN  4	ED TO YII	ELD THE RIGHT-OF-WAY TO  DERAILMENT	0	0	\$	3 11,100
iP	CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEHINGHWAY-RAIL GRADE CROSSING.  07/25/90 10:15 AM CAJON TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 4 TRAFFIC CONTROL 6 CAR(S)	ED TO YII	DERAILMENT  MOVEMENTS INVOLVED:	O FREIGHT TRAIN	0 S	SCNYR	11,100 18 MPH
P	CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEHINGHWAY-RAIL GRADE CROSSING.  07/25/90 10:15 AM CAJON TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: EXCESSIVE BUF	MAIN 4 TRAFFIC CONTROL 6 CAR(S)	ED TO YII	DERAILMENT  MOVEMENTS INVOLVED:	O FREIGHT TRAIN	0 S	SCNYR	11,100 18 MPH

	DATE TIME CITY	Y/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	R	R DAMAGE
UP	07/30/90 09:30 PM CLE	EAR CREEK JUNCTION MAIN	CA	DERAILMENT	0	O	\$	270,620
	CLASS OF TRACK:	2						
141	METHOD OF OPERATION:	TRACK WAR	RANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	LFD	53	25 MPH
	EQUIPMENT DERAILED:	12 CAR(S)						
	CROSSING PROTECTION							
	1					,		
-	PROBABLE CAUSE: BROKEN	N RAIL (DETAIL FRAC	TURE).	· · · · · ·				P
BN	07/31/90 09:46 AM GRE	ETNA	NE	HIGHWAY-RAIL CROSS	ING 3	1	\$	1,100
	TYPE OF TRACK:	MAIN			•			
	CLASS OF TRACK:	4		V	•	ř		
142	METHOD OF OPERATION:	TRAFFIC C	ONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	011	61	45 MPH
	EQUIPMENT DERAILED:	NONE						
	CROSSING PROTECTION							
	HIGHWAY-RAIL GRADE CROS		OK FAILED TO T	IELD THE RIGHT-OF-WAY TO	AN ONCOMING F	REIGHT TRA	IN AT	A .
	HIGHWAY-RAIL GRADE CROS	SSING.			ė.	۸	IN AT	A
	HIGHWAY-RAIL GRADE CROS	SSING. THE MOTOR VEHICLE O	PERATOR'S BLOOK	D ALCOHOL LEVEL WAS MEAS	ė.	PERCENT.	IN AT	
 UP	HIGHWAY-RAIL GRADE CROS	SSING. THE MOTOR VEHICLE O			ė.	۸	IN AT	4,500
 UP	HIGHWAY-RAIL GRADE CROS	SSING.  THE MOTOR VEHICLE OF LOUIS  YARD	PERATOR'S BLOOK	D ALCOHOL LEVEL WAS MEAS	URED AT 0.065	PERCENT.		
 UP	HIGHWAY-RAIL GRADE CROS  CONTRIBUTING FACTORS: 1  08/01/90 12:30 PM ST TYPE OF TRACK: CLASS OF TRACK:	SSING.  THE MOTOR VEHICLE OF LOUIS  YARD 1	PERATOR'S BLOOK	D ALCOHOL LEVEL WAS MEAS OBSTRUCTION	URED AT 0.065	PERCENT.		
	HIGHWAY-RAIL GRADE CROS  CONTRIBUTING FACTORS: 1  08/01/90 12:30 PM ST  TYPE OF TRACK:	SSING.  THE MOTOR VEHICLE OF LOUIS  YARD 1	PERATOR'S BLOOM	D ALCOHOL LEVEL WAS MEAS	URED AT 0.065	PERCENT.		
	HIGHWAY-RAIL GRADE CROS  CONTRIBUTING FACTORS: 1  08/01/90 12:30 PM ST TYPE OF TRACK: CLASS OF TRACK:	SSING.  THE MOTOR VEHICLE OF LOUIS  YARD 1	PERATOR'S BLOOM	D ALCOHOL LEVEL WAS MEAS OBSTRUCTION	URED AT 0.065	PERCENT.	\$	4,500°
	HIGHWAY-RAIL GRADE CROS  CONTRIBUTING FACTORS: 1  08/01/90 12:30 PM ST TYPE OF TRACK: CLASS OF TRACK:	SSING.  THE MOTOR VEHICLE OF LOUIS  YARD 1	PERATOR'S BLOOM	D ALCOHOL LEVEL WAS MEAS OBSTRUCTION	URED AT 0.065 (  O  FREIGHT TRAIN	PERCENT.	<b>\$</b>	4,500 4 MPH
	HIGHWAY-RAIL GRADE CROS  CONTRIBUTING FACTORS: 1  08/01/90 12:30 PM ST  TYPE OF TRACK:  CLASS OF TRACK:  METHOD OF OPERATION:	SSING.  THE MOTOR VEHICLE OF COURS  YARD  1  YARD RULE:	PERATOR'S BLOOM	D ALCOHOL LEVEL WAS MEAS OBSTRUCTION MOVEMENTS INVOLVED:	URED AT 0.065 (  O  FREIGHT TRAIN	PERCENT.	<b>\$</b>	4,500 4 MPH
	HIGHWAY-RAIL GRADE CROSS  CONTRIBUTING FACTORS: 1  08/01/90 12:30 PM ST  TYPE OF TRACK:  CLASS OF TRACK:  METHOD OF OPERATION:  EQUIPMENT DERAILED:	SSING.  THE MOTOR VEHICLE OF COURS  YARD  1  YARD RULE:	PERATOR'S BLOOM	D ALCOHOL LEVEL WAS MEAS OBSTRUCTION	URED AT 0.065 (  O  FREIGHT TRAIN	PERCENT.	<b>\$</b>	4,500 4 MPH
143	HIGHWAY-RAIL GRADE CROSS  CONTRIBUTING FACTORS: 1  08/01/90 12:30 PM ST TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:  EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE CR	SSING. THE MOTOR VEHICLE O  LOUIS YARD 1 YARD RULE:	PERATOR'S BLOOM	OBSTRUCTION  MOVEMENTS INVOLVED:	O  FREIGHT TRAIN  MOW EQUIPMENT	PERCENT .	\$ IKC IFW	4,500 4 MPH 0 MPH
 UP 143	HIGHWAY-RAIL GRADE CROSS  CONTRIBUTING FACTORS: 1  08/01/90 12:30 PM ST  TYPE OF TRACK:  CLASS OF TRACK:  METHOD OF OPERATION:  EQUIPMENT DERAILED:  CROSSING PROTECTION	SSING. THE MOTOR VEHICLE O  LOUIS YARD 1 YARD RULE:	PERATOR'S BLOOM	OBSTRUCTION  MOVEMENTS INVOLVED:	O  FREIGHT TRAIN  MOW EQUIPMENT	PERCENT .	\$ IKC IFW	4,500 4 MPH 0 MPH
143	HIGHWAY-RAIL GRADE CROSS  CONTRIBUTING FACTORS: 1  08/01/90 12:30 PM ST TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:  EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE CR	SSING. THE MOTOR VEHICLE O  LOUIS YARD 1 YARD RULE:	PERATOR'S BLOOM	OBSTRUCTION  MOVEMENTS INVOLVED:	O  FREIGHT TRAIN  MOW EQUIPMENT	PERCENT .	\$ IKC IFW	4,500 4 MPH 0 MPH
143	HIGHWAY-RAIL GRADE CROSS  CONTRIBUTING FACTORS: 1  08/01/90 12:30 PM ST TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:  EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE CR	SSING. THE MOTOR VEHICLE O  LOUIS YARD 1 YARD RULE:	PERATOR'S BLOOM	OBSTRUCTION  MOVEMENTS INVOLVED:	O  FREIGHT TRAIN  MOW EQUIPMENT	PERCENT .	\$ IKC IFW	4,500 4 MPH 0 MPH

11/16/92

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CODE	DATE	TIME	CITY/STATION		STATE	ACCIDENT TYPE	KILLED	INJURED	RF	R DAMAGE
IW .	TYPE OF		STAUNTON	MAIN	IL	HIGHWAY-RAIL CROSSI	NG 2	1	\$	526
44	METHOD O	TRACK: F OPERATION		TRACK WARRANT ( AUTOMATIC BLOCK		MOVEMENTS INVOLVED:	FREIGHT TRAIN	255	5D6	59 MPH
		F DERAILED: PROTECTION		NONE				ė		
		CAUSE: TH		CLE OPERATOR FA	ILED TO YI	ELD THE RIGHT-OF-WAY TO	AN ONCOMING F	REIGHT TR/	AIN AT	A
,		•	v				•			
				· . (						
SP	08/04/90	06:00 PM	DRYDEN		тх	DERAILMENT	0	0	\$	417,000
	TYPE OF			MAIN						
	CLASS OF			4	•					/O MP/
145	EQUIPMEN	F OPERATION T DERAILED PROTECTION	•	TRAFFIC CONTROL 27 CAR(S)	<b>L</b>	MOVEMENTS INVOLVED:	FREIGHT TRAIF	I LAI	DAF	42 MPH
•	PROBABLE					RED EMERGENCY BRAKE APPI	LICATION.			
UP	08/04/90		DOLLVILLE		IL	HIGHWAY-RAIL CROSS	ING 3	0	\$	300
	TYPE OF	TRACK:		MAIN						
	CLASS OF	TRACK:		4						
146		F OPERATIO		TRAFFIC CONTRO	L	MOVEMENTS INVOLVED:	FREIGHT TRAII	ł R	SP2 ~	60 MPH
		T DERAILED PROTECTION		NONE						
		CAUSE: T		CLE OPERATOR FA	ILED TO YI	ELD THE RIGHT-OF-WAY TO	AN ONCOMING	REIGHT TR	AIN AT	A
		*		•	4					

<b></b>	00/05/00 04-/0 04 1/01/0	or TV	UTOULEY DATE OROOM	THC 2	0	\$ 32.00
CSX	08/05/90 01:40 PM VONO	RE TN	HIGHWAY-RAIL CROSS	ING 2	U	\$ 32,000
	TYPE OF TRACK:	MAIN 4				
1/7	CLASS OF TRACK:	·	MOVEMENTS INVOLVED:	EDETOUT TOAIN	G670	0 30 MPI
147	METHOD OF OPERATION: EQUIPMENT DERAILED:	TRAFFIC CONTROL NONE				U 30 MF
F	CROSSING PROTECTION	NORE			v	
:	DDODADIE CAUSE. THE TOA	CTOR-TRAILER OPERATOR FAILE	TO VIEID THE DIGHT-OF-WAY	TO AN ONCOMING	EDEIGHT TO	AIN AT A
1	HIGHWAY-RAIL GRADE CROSS		) TO TIELD THE RIGHT-OF-WAT	O AN UNCOMING	rkeigni iki	AIN AI A
	r.					
		• •				
: . ;			The state of the s			
MRL	08/05/90 01:50 PM LIVI	NGSTON MT	OBSTRUCTION	0	1	\$ 100
ř	TYPE OF TRACK:	MAIN				
	CLASS OF TRACK:	4				a .
148	METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	0112	1 48 MPI
		,	re	MOW EQUIPMENT		0 MPI
	EQUIPMENT DERAILED:	NONE				

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R CODE	DATE TIME CITY/STATIO	ON ST	ATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
UP TRRA	08/05/90 02:40 AM ST LOUIS		MO	DERAILMENT	0	0	\$ 12,600
	TYPE OF TRACK:	MAIN,					
	CLASS OF TRACK:	1					•
149	METHOD OF OPERATION:	AUTOMATIC BLOCK		MOVEMENTS INVOLVED:	FREIGHT TRAIN	NPME	Z 9 MPH
	EQUIPMENT DERAILED: CROSSING PROTECTION	4 CAR(S)					
	PROBABLE CAUSE: BROKEN RAIL	(DETAIL FRACTURE).		. • .	,		
UP	08/05/90 03:40 PM THORTON		CA	DERAILMENT	0	0	\$ 2,296,000
	TYPE OF TRACK:	MAIN ,			*		
	CLASS OF TRACK:	4 .					
150	METHOD OF OPERATION:	TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	2NPS	T 55 MPH
	EQUIPMENT DERAILED:	33 CAR(S)					c
	CROSSING PROTECTION				•		
	PROBABLE CAUSE: IRREGULAR TR				, 4		
SP	08/05/90 10:30 AM TUCSON		AZ	OTHER	0	1	\$ 68,300
	TYPE OF TRACK:	YARD		•			
	CLASS OF TRACK:	1					
151	METHOD OF OPERATION:	YARD RULES		MOVEMENTS INVOLVED:	CUT OF CARS		O MPH
					CUT OF CARS		30 MPH
	EQUIPMENT DERAILED:	2 CAR(S)					•
	HAZARDOUS MATERIALS RELEASED:	YES	NUMBER	EVACUATED: 50			
	CROSSING PROTECTION	et.					

	08/07/90 12:45 AM SHARON		VT ·	DERAILMENT	0	2	\$ 1,184,993
	TYPE OF TRACK:	MAIN 7					
1	CLASS OF TRACK:	3					7 (2 45)
	METHOD OF OPERATION:	MANUAL BLOCK		MOVEMENTS INVOLVED:	FREIGHT TRAIN	1 , 44	7 42 MPH
•	EQUIPMENT DERAILED:	5 LOCOMOTIVE(S)		*			-
· 	CROSSING PROTECTION	9 CAR(S)	-	. :	· .	·	
1	PROBABLE CAUSE: A FLASH FLOOD COLLAPSE.	SATURATED THE FI	LL SECTION	OF THE MAIN TRACK AND	CAUSED IT TO	WEAKEN AND	PARTIALLY
							9 36 S
į	. ,			ž e	, "' s		, ,
-,	08/07/90 05:45 PM RED BUTTES		WY	DERAILMENT	. 0	0	\$ 978,299
!	TYPE OF TRACK:	MAIN	÷				. 3
	CLASS OF TRACK:	4 :			4	•	
•	METHOD OF OPERATION:	TRAFFIC CONTROL	1.7	MOVEMENTS INVOLVED:	FREIGHT TRAIN	NPLA	Z 62 MPH
:	EQUIPMENT DERAILED:	21 CAR(S)					
i	_ = = = = = =						
1	CROSSING PROTECTION	,					
	CROSSING PROTECTION						
	CROSSING PROTECTION  PROBABLE CAUSE: IRREGULAR TRAC CONTRIBUTING FACTORS: THE M OF THE TIME LIMITS AND WEATHER CON	CK ALIGNMENT (BUC W FOREMAN FAILED	TO KEEP				
	PROBABLE CAUSE: IRREGULAR TRAC CONTRIBUTING FACTORS: THE M OF THE TIME LIMITS AND WEATHER COM	CK ALIGNMENT (BUC W FOREMAN FAILED IDITIONS AS ESTAB	TO KEEP #	THE CARRIER'S ENGINEER	RING DEPARTMENT	STANDARDS	AND PROCEDURES
	PROBABLE CAUSE: IRREGULAR TRAC CONTRIBUTING FACTORS: THE M OF THE TIME LIMITS AND WEATHER CON 08/09/90 02:30 PM HARRISBURG	CK ALIGNMENT (BUC W FOREMAN FAILED DITIONS AS ESTAB	TO KEEP		RING DEPARTMENT	STANDARDS	AND PROCEDURES
	PROBABLE CAUSE: IRREGULAR TRAC CONTRIBUTING FACTORS: THE M OF THE TIME LIMITS AND WEATHER CON 08/09/90 02:30 PM HARRISBURG TYPE OF TRACK:	CK ALIGNMENT (BUC W FOREMAN FAILED NDITIONS AS ESTAB	TO KEEP #	THE CARRIER'S ENGINEER	RING DEPARTMENT	STANDARDS	AND PROCEDURES
1	PROBABLE CAUSE: IRREGULAR TRAC CONTRIBUTING FACTORS: THE M OF THE TIME LIMITS AND WEATHER CON 08/09/90 02:30 PM HARRISBURG TYPE OF TRACK: CLASS OF TRACK:	CK ALIGNMENT (BUC W FOREMAN FAILED IDITIONS AS ESTAB MAIN	TO KEEP A LISHED IN 	THE CARRIER'S ENGINEER HIGHWAY-RAIL CROSS	RING DEPARTMENT	STANDARDS	\$ 1,000
1	PROBABLE CAUSE: IRREGULAR TRAC CONTRIBUTING FACTORS: THE M OF THE TIME LIMITS AND WEATHER CON 08/09/90 02:30 PM HARRISBURG TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	CK ALIGNMENT (BUC W FOREMAN FAILED NDITIONS AS ESTAB MAIN 4 TRAFFIC CONTROL	TO KEEP A LISHED IN 	THE CARRIER'S ENGINEER	RING DEPARTMENT	STANDARDS	\$ 1,000
	PROBABLE CAUSE: IRREGULAR TRAC CONTRIBUTING FACTORS: THE M OF THE TIME LIMITS AND WEATHER CON 08/09/90 02:30 PM HARRISBURG TYPE OF TRACK: CLASS OF TRACK:	CK ALIGNMENT (BUC W FOREMAN FAILED IDITIONS AS ESTAB MAIN	TO KEEP A LISHED IN 	THE CARRIER'S ENGINEER HIGHWAY-RAIL CROSS	RING DEPARTMENT	STANDARDS	\$ 1,000
1	PROBABLE CAUSE: IRREGULAR TRACE CONTRIBUTING FACTORS: THE M OF THE TIME LIMITS AND WEATHER CON  08/09/90 02:30 PM HARRISBURG TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN TRAFFIC CONTROL	TO KEEP # LISHED IN NC	THE CARRIER'S ENGINEER  HIGHWAY-RAIL CROSS  MOVEMENTS INVOLVED:	RING DEPARTMENT SING 2 FREIGHT TRAIN	STANDARDS  1  173P	\$ 1,000
 	PROBABLE CAUSE: IRREGULAR TRACE CONTRIBUTING FACTORS: THE M OF THE TIME LIMITS AND WEATHER CON  08/09/90 02:30 PM HARRISBURG TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEH	MAIN TRAFFIC CONTROL	TO KEEP # LISHED IN NC	THE CARRIER'S ENGINEER  HIGHWAY-RAIL CROSS  MOVEMENTS INVOLVED:	SING 2  FREIGHT TRAIN  O AN ONCOMING F	STANDARDS  1  173P	\$ 1,000

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RR CODE		CITY/STATION		ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
sou	08/09/90 3:13 AM TYPE OF TRACK: CLASS OF TRACK:	SUGAR VALLEY MAIN		SIDE COLLISION	3	4	\$ 1,887,717
155	METHOD OF OPERATION	: TRAFFIC CONTRO		MOVEMENTS INVOLVED:	FREIGHT TRAIN FREIGHT TRAIN		
	EQUIPMENT DERAILED:	14 CAR(S)	S)		•		
	CROSSING PROTECTION	ILURE OF THE CREWMEMBERS O	N TOAIN NO	188 TO ODERATE THEIR T	PAIN IN ACCORD	ANCE UITH A	STOD SIGNAL
	INDICATION.	LLUKE OF THE CREWMEMBERS OF	H IKAIN NO.	100 TO OPERATE THEIR I	RAIN IN ACCURD	VUCE MILL W	STOP STURAL
				•			
NW	08/11/90 01:10 AM TYPE OF TRACK:	MAIN	VA	HIGHWAY-RAIL CROSS	SING 2	1	\$ 200
156	CLASS OF TRACK: METHOD OF OPERATION EQUIPMENT DERAILED: CROSSING PROTECTION	: AUTOMATIC BLO NONE	CK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	. 812V	I 18 MPH
	PROBABLE CAUSE: TH	E MOTOR VEHICLE OPERATOR F	AILED TO YI	ELD THE RIGHT-OF-WAY TO	O AN ONCOMING F	REIGHT TRAII	N AT A
			-				

/13/90 01:15 F PE OF TRACK: ASS OF TRACK: THOD OF OPERATI		MAIN 4	тх		-RAIL CROSSIN			\$ 2,5	00
ASS OF TRACK:									
		4							
THOD OF OPERATI									
	ION:	AUTOMATIC BL	OCK	MOVEMENTS	INVOLVED: F	REIGHT TRAIN	EPF	W 50 M	IPH
		TRACK WARRAN	T CONTROL						
JIPMENT DERAILE	D:	NONE							
DSSING PROTECTI	ON		٠						
GRWAT-RAIL GRAL	or crossing.				2 - 4 - <sup>2</sup>		· .		
• • • • • • • • • • • •			TX	HIGHWAY	-RAIL CROSSIN	G 1	. 0	\$ 2	200
			.*	•			, .		
		_							
	<del>-</del>			MOVEMENTS	INVOLVED: P.	ASSENGER TRA	IN TXLT	D 20 M	IPH
		NONE				•			
OSSING PROTECTI	CON				,			4	
	DEABLE CAUSE: CHWAY-RAIL GRACE CHOOP 03:22 FOR TRACK: CHOOL OF TRACK: CHOOL OF OPERATE CONTROL OPERATE CONTROL OPERATE CONTROL OPERATE CONTROL OPE	GHWAY-RAIL GRADE CROSSING.  716/90 03:22 PM GALVESTON PE OF TRACK: ASS OF TRACK: IHOD OF OPERATION: JIPMENT DERAILED: DSSING PROTECTION	JIPMENT DERAILED: NONE DEABLE CAUSE: THE MOTOR VEHICLE OPERATOR SHWAY-RAIL GRADE CROSSING.  216/90 03:22 PM GALVESTON DE OF TRACK: MAIN ASS OF TRACK: 3 THOD OF OPERATION: YARD LIMITS JIPMENT DERAILED: NONE DESSING PROTECTION	DIPMENT DERAILED: NONE DEABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIE SHWAY-RAIL GRADE CROSSING.  716/90 03:22 PM GALVESTON TX DE OF TRACK: MAIN ASS OF TRACK: 3 THOD OF OPERATION: YARD LIMITS DIPMENT DERAILED: NONE DESSING PROTECTION	DIPMENT DERAILED: NONE DEABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHTSHWAY-RAIL GRADE CROSSING.  OF TRACK: ASS OF TRACK: A	DIPMENT DERAILED: NONE DEABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO A SHWAY-RAIL GRADE CROSSING.  716/90 03:22 PM GALVESTON TX HIGHWAY-RAIL CROSSIN PE OF TRACK: MAIN ASS OF TRACK: 3 THOD OF OPERATION: YARD LIMITS MOVEMENTS INVOLVED: P. DIPMENT DERAILED: NONE DESSING PROTECTION	DIPMENT DERAILED: NONE DEABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FROM THE PROPERTY OF THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FROM THE PROPERTY OF THE PROPE	DIPMENT DERAILED: NONE DISSING PROTECTION  DIBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAINSHWAY-RAIL GRADE CROSSING.  OF 16/90 03:22 PM GALVESTON TX HIGHWAY-RAIL CROSSING 1 0 DE OF TRACK: MAIN ASS OF TRACK: 3 THOD OF OPERATION: YARD LIMITS MOVEMENTS INVOLVED: PASSENGER TRAIN TXLTI	DIPMENT DERAILED: NONE DISSING PROTECTION  DIBABLE CAUSE: THE MOTOR VEHICLE OPERATOR FAILED TO YIELD THE RIGHT-OF-WAY TO AN ONCOMING FREIGHT TRAIN AT A SHWAY-RAIL GRADE CROSSING.  OF TABLE OF TRACK:  MAIN ASS OF TRACK:  MAIN ASS OF TRACK:  JUPMENT DERAILED:  NONE  DISSING PROTECTION

CODE	DATE TIME CITY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR	DAMAGE
CR	08/18/90 03:55 AM FRANKLINVII TYPE OF TRACK: CLASS OF TRACK:	LE NY MAIN 4	HIGHWAY-RAIL CROSSIN	IG 3	0	\$	0
59		TRAFFIC CONTROL NONE	MOVEMENTS INVOLVED:	REIGHT TRAIN	BUEN	7	50 MPH
	PROBABLE CAUSE: THE MOTOR VEH HIGHWAY-RAIL GRADE CROSSING.	CLE OPERATOR FAILED TO	YIELD THE RIGHT-OF-WAY TO A	A PASSING FRE	IGHT TRAIN	AT A	
			•				
	CONTRIBUTING FACTORS: THE MOTO	R VEHICLE OPERATOR'S BLO	OD ALCOHOL LEVEL WAS MEASUR	RED AT 0.11 P	ERCENT.		
ιτκ	08/19/90 02:40 PM WINSLOW TYPE OF TRACK: CLASS OF TRACK:	NJ SIDING 2	DERAILMENT	. 0	6	\$	82,500
60	METHOD OF OPERATION:	TRAFFIC CONTROL AUTO TRAIN STOP CAB SIGNAL AUTO TRAIN CONTROL	MOVEMENTS INVOLVED:	PASSENGER TRA	1N 68	80	30 MPH
	EQUIPMENT DERAILED: CROSSING PROTECTION	4 CAR(S)					
	PROBABLE CAUSE: UNDETERMINED.						
CRO	08/20/90 1:50 PM HIALEAH TYPE OF TRACK: CLASS OF TRACK:	FL MAIN 4	HIGHWAY-RAIL CROSSII	NG 1	4	\$	2,500
161	METHOD OF OPERATION: EQUIPMENT DERAILED:	TRAFFIC CONTROL NONE	MOVEMENTS INVOLVED:	PASSENGER TRA	IN P20	)9	8 MPH
	CROSSING PROTECTION						

TK	08/23/90 07:27 PM MO	NON	IN	HIGHWAY-RAIL CROSS	ING 4	Ó	\$	Ó
x į			- 1,	,		* * * *		. '
	TYPE OF TRACK:	ŅĮŅ						
	CLASS OF TRACK:	4		ÿ				
62	METHOD OF OPERATION:	* * - :	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	PASSENGER TRA	IN 31	18	50 MPH
1	EQUIPMENT DERAILED:	ЙОИЕ						
!	CROSSING PROTECTION							
ŀ	PROBABLE CAUSE: THE M	OTOR VEHICLE OPE	RATOR FAILED TO Y	IELD THE RIGHT-OF-WAY TO	AN ONCOMING P	ASSENGER TR	AIN AT	` A ` _
	HIGHWAY-RAIL GRADE CRO	SSING.						
:								
	•			ı	•			
R	08/25/90 06:50 AM KE		DA	DERAILMENT	0	3	\$	120,000
- 1	TYPE OF TRACK:	MAIN						, -
.'	CLASS OF TRACK:	3	•	2				
63	METHOD OF OPERATION:		BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	UFY1	3	32 MPH
	EQUIPMENT DERAILED:		MOTIVE(S)					
,		15 CARC	S)					
- 1	CROSSING PROTECTION							
1	PROBABLE CAUSE: MUD S	LIDE COVERED TRA	CK STRUCTURE.			• .		
P	08/25/90 07:35 AM DE	zano Lano	CA	HIGHWAY-RAIL CROSS	ING 4	1	\$	1,500
	TYPE OF TRACK:		an "	Attraction of the state of	r 4 + 4 ' 2	•		• ,
:	CLASS OF TRACK:	5	,					
64	METHOD OF OPERATION:		C CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	LABR	₹F	70 MPH
	EQUIPMENT DERAILED:	NONE						
:	CROSSING PROTECTION							
i	DRODADIE GAUGE. THE M	OTOD MEUTOLE ODE	DATOR FAILER TO V	TELD THE DIAME OF HAV TO	AN ONCOMENO E	DETAUT TOAT		
1	HIGHWAY-RAIL GRADE CRO		KATUK PATLED IO I	IELD THE RIGHT-OF-WAY TO	AN ONCOMING P	KETRUÍ ÍKYT	N AI A	
	HIGHMAI-KAIL GRADE CKO	ožilidi ,						
	•	•		e				

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R CODE	DATE TIME CITY/STATIO	ON ST	TATE	ACCIDENT TYPE	KILLED	INJURED	RI	R DAMAGE
BLE	08/28/90 04:06 PM CONNEAUT TYPE OF TRACK: CLASS OF TRACK:	MAIN 3	ОН	DERAILMENT	0	0	\$	271,000
165	METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION	STAFF SYSTEM		MOVEMENTS INVOLVED:	FREIGHT TRAIN	8	61	, 17 MPH
	PROBABLE CAUSE: UNDETERMINED							
CR	08/29/90 06:01 AM LATROBE TYPE OF TRACK: CLASS OF TRACK:	MAIN	PA	DERAILMENT	0	0	\$	349,000
166	METHOD OF OPERATION:	TRAFFIC CONTROL CAB SIGNAL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	PIB	<b>A9</b>	38 MPH
	PROBABLE CAUSE: IMPROPER TRA	IN HANDLING BY THE	ENGINEER	OF TRAIN PIBA9 RESULTE	ED IN EXCESSIVE	SLACK ACT	ION.	
UP <sub>.</sub>	08/31/90 07:00 AM KEMMERER TYPE OF TRACK: CLASS OF TRACK:		WY	DERAILMENT	0	0	\$	570,801
	METHOD OF OPERATION:	-		MOVEMENTS INVOLVED:	FREIGHT TRAIN	MKT	A4	34 MPH

	DATE TIM	1E	CITY/STATION	S1	ATE	ACCIDENT TYPE	KILLED	INJURED	RI	R DAMAGE
ATSF :	09/06/90 10	:17 PM	CAJON		CA	DERAILMENT	0	0	\$	102,000
	TYPE OF TRAC	K:		MAIN						
- 1	CLASS OF TRA	CK:		3						
168 🚦	METHOD OF OF	PERATION	l:	TRAFFIC CONTROL		MOVEMENTS INVOLVED	: FREIGHT TRAIN	I SLAC	H	24 MPH
,	EQUIPMENT DE	RAILED:	1	7 CAR(S)						
:	CROSSING PRO	TECTION	1							
	•		CESSIVE BUFF		RCES ON	THE REAR OF THE TRAI	N DUÉ TO THE HELF	PER LOCOMOTI	VE EI	NGINEER'S
1			•							
				• . •						
							, 			
JP .	09/07/90 07	25 AM	DUDLEY		MO	DERAILMENT	0	0	\$	686,582
	TYPE OF TRAC	K:		MAIN	•					
- 1	CLASS OF TRA	\CK':	•	4						ě.
169	METHOD OF OF	PERATION	ti ·	TRAFFIC CONTROL		MOVEMENTS INVOLVED	: FREIGHT TRAIN	I NLAS	Z	44 MPH
	EQUIPMENT DE	RAILED:	,	17 CAR(S)			•			
:	CROSSING PRO									
;	CROSSING PRO	TECT ION	I	F THE DYNAMIC BRA	KE.					
	CROSSING PRO	DTECTION	I IPROPER USE O	F THE DYNAMIC BRA	KE. CA	OTHER		0	\$	386,232
JP	CROSSING PRO	DTECTION USE: IM DE:	I IPROPER USE O	F THE DYNAMIC BRA		OTHER	0	0	\$	386,232
JP	PROBABLE CAL	DIECTION USE: IM USE: AM USE:	IPROPER USE O	F THE DYNAMIC BRA		OTHER	0	0	\$	386,232
JP !	CROSSING PROPROBABLE CAL	DIECTION USE: IM P:45 AM CK:	MPROPER USE O	F THE DYNAMIC BRA	CA	OTHER  MOVEMENTS INVOLVED	,	•	·	386,232 43 MPH 0 MPH
JP ' !	CROSSING PROPROBABLE CAL	DIECTION USE: IM USE:	PICO RIVERA	F THE DYNAMIC BRA	CA		: CUT OF CARS	•	·	43 MPH
JP ' !	CROSSING PROPROBABLE CAU O9/09/90 O9 TYPE OF TRAC CLASS OF TRA METHOD OF OF	DIECTION USE: IM D:45 AM CK: ACK: PERATION	PICO RIVERA	F THE DYNAMIC BRAMAIN  TRAFFIC CONTROL  12 CAR(S)	CA		: CUT OF CARS LIGHT LOCO(S)	•	·	43 MPH
JP ' !	CROSSING PROPROBABLE CAU O9/09/90 O9 TYPE OF TRAC CLASS OF TRA METHOD OF OF	DIECTION  USE: IM  D:45 AM  CK:  CK:  CERATION  ERAILED:  ATERIALS	MPROPER USE O PICO RIVERA	F THE DYNAMIC BRAMAIN  TRAFFIC CONTROL  12 CAR(S)	CA	MOVEMENTS INVOLVED	: CUT OF CARS LIGHT LOCO(S)	•	·	43 MPH
JP	CROSSING PROPROBABLE CAL O9/09/90 OS TYPE OF TRAC CLASS OF TRA METHOD OF OF EQUIPMENT DE HAZARDOUS MA CROSSING PRO	DIECTION  JSE: IM  P:45 AM  CK: PERATION  ERAILED: ATERIALS DIECTION  JSE: TH	PROPER USE O PICO RIVERA  I: S RELEASED: I HE SP YARD CR	F THE DYNAMIC BRAMAIN 3 TRAFFIC CONTROL 12 CAR(S) YES	CA  NUMBER	MOVEMENTS INVOLVED  EVACUATED: 35  JRE A CUT OF 14 CARS	: CUT OF CARS Light Loco(s)	LASC	:F	43 MPH 0 MPH
JP !	CROSSING PROPROBABLE CAL O9/09/90 OS TYPE OF TRAC CLASS OF TRA METHOD OF OF EQUIPMENT DE HAZARDOUS MA CROSSING PRO	DIECTION  JSE: IM  P:45 AM  CK: PERATION  ERAILED: ATERIALS DIECTION  JSE: TH	PROPER USE O PICO RIVERA  I: S RELEASED: I HE SP YARD CR	F THE DYNAMIC BRAMAIN  MAIN  TRAFFIC CONTROL  12 CAR(S)  YES  EW FAILED TO PROF	CA  NUMBER	MOVEMENTS INVOLVED  EVACUATED: 35  JRE A CUT OF 14 CARS	: CUT OF CARS Light Loco(s)	LASC	:F	43 MPH 0 MPH
I <b>P</b> :	CROSSING PROPROBABLE CAL O9/09/90 OS TYPE OF TRAC CLASS OF TRA METHOD OF OF EQUIPMENT DE HAZARDOUS MA CROSSING PRO	DIECTION  JSE: IM  P:45 AM  CK: PERATION  ERAILED: ATERIALS DIECTION  JSE: TH	PROPER USE O PICO RIVERA  I: S RELEASED: I HE SP YARD CR	F THE DYNAMIC BRAMAIN  MAIN  TRAFFIC CONTROL  12 CAR(S)  YES  EW FAILED TO PROF	CA  NUMBER	MOVEMENTS INVOLVED  EVACUATED: 35  JRE A CUT OF 14 CARS	: CUT OF CARS Light Loco(s)	LASC	:F	43 MPH 0 MPH

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CODE	DATE TIME CI	TY/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	R	R DAMAGE
BN	09/10/90 10:40 PM N	IEWBY	TX	DERAILMENT	0	4	\$	249,861
	TYPE OF TRACK:	MAIN						
	CLASS OF TRACK:	4			•			
171	METHOD OF OPERATION:		WARRANT CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	NO15	52	40 MPH
	EQUIPMENT DERAILED:	1 LOCO 15 CARO	OMOTIVE(S)					
	CROSSING PROTECTION		•	•	,			
	PROBABLE CAUSE: TRAC	CK STRUCTURE WASH	DUT.					
SR	09/12/90 12:30 AM C	CORINTH	MS	DERAILMENT	0	0	\$	4,000
	TYPE OF TRACK:	YARD						
	CLASS OF TRACK:	1						
172	METHOD OF OPERATION:	YARD F	RULES	MOVEMENTS INVOLVED:	FREIGHT TRAIN	100	63	6 MPH
			(6)					
	EQUIPMENT DERAILED: CROSSING PROTECTION	3 CAR	.5)		•			
	CROSSING PROTECTION	ESSIVE BUFF (COMPF		SULTING FROM IMPROPER TRA	AIN HANDLING CA	AUSED THE I	R-4 W	HEEL ON IC
	CROSSING PROTECTION  PROBABLE CAUSE: EXCE	ESSIVE BUFF (COMPF		SULTING FROM IMPROPER TRA	AIN HANDLING CA	AUSED THE I	R-4 W	HEEL ON IC
	CROSSING PROTECTION  PROBABLE CAUSE: EXCE	ESSIVE BUFF (COMPF		SULTING FROM IMPROPER TRA	AIN HANDLING CA	AUSED THE I	R-4 ₩	HEEL ON IC
CSX	CROSSING PROTECTION  PROBABLE CAUSE: EXCE	ESSIVE BUFF (COMPI		SULTING FROM IMPROPER TRA		AUSED THE I	₹-4 ₩	HEEL ON 10
 CSX	CROSSING PROTECTION PROBABLE CAUSE: EXCE 764661 TO LIFT OFF AN	ESSIVE BUFF (COMPI	RESSIVE) FORCES RE	· · · · · · · · · · · · · · · · · · ·		•••••		
CSX	CROSSING PROTECTION  PROBABLE CAUSE: EXCE 764661 TO LIFT OFF AN  09/13/90 05:35 PM E TYPE OF TRACK:	ESSIVE BUFF (COMPIND DERAIL.	RESSIVE) FORCES RE	· · · · · · · · · · · · · · · · · · ·		•••••		
csx 173	CROSSING PROTECTION  PROBABLE CAUSE: EXCE 764661 TO LIFT OFF AN	ESSIVE BUFF (COMPF ND DERAIL. BELTSVILLE MAIN 4	RESSIVE) FORCES RE	· · · · · · · · · · · · · · · · · · ·	0	0 R3		10,100 0 MPH
	CROSSING PROTECTION  PROBABLE CAUSE: EXCE 764661 TO LIFT OFF AN  09/13/90 05:35 PM E TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	ESSIVE BUFF (COMPIND DERAIL.  BELTSVILLE  MAIN 4 AUTOMA	RESSIVE) FORCES RE	REAR-END COLLISION	O FREIGHT TRAIN	0 R3	\$ 77	10,100 0 MPH
	CROSSING PROTECTION  PROBABLE CAUSE: EXCE 764661 TO LIFT OFF AN  09/13/90 05:35 PM E TYPE OF TRACK: CLASS OF TRACK:	ESSIVE BUFF (COMPF ND DERAIL. BELTSVILLE MAIN 4	RESSIVE) FORCES RE	REAR-END COLLISION	O FREIGHT TRAIN	0 R3	\$ 77	10,100 0 MPH

BN	09/15/90 06:30 PM FONTANA		KS	DERAI LMENT	0	2	\$	414,773
1	TYPE OF TRACK:	MAIN		•		,		
47/	CLASS OF TRACK:	4		MOVEMENTO INVOLVED.	FREIGHT TRAIN	4	B1N	48 MPH
174		TRAFFIC CONTROL 31 CAR(S)		MOVEMENTS INVOLVED:	FREIGHT TRAIN	10	DIN	40 MPR
	CROSSING PROTECTION	J1 CAR(S)						
	CROSSING PROFESTION							
1	PROBABLE CAUSE: EXCESSIVE AND	IRREGULAR CROSS LI	EVEL ON 1	TANGENT TRACK.				
UP :	09/17/90 4:45 AM CHIDESTER		AR	DERAILMENT	0	4,	\$	309,013
•	TYPE OF TRACK:	MAIN						
	CLASS OF TRACK:	3						
175		TRACK WARRANT CO	NTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	LR	H50	25 MPH
	EQUIPMENT DERAILED:	NONE						
	HAZARDOUS MATERIALS RELEASED:		NUMBER	EVACUATED: 200				
	CROSSING PROTECTION	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	4	•				
ı.	PROBABLE CAUSE: COVER PLATE ON L-4 WHEEL TO CLIMB THE WEST RAI		OF CCX	200 PREVENTED THE TRUCK	FROM PROPERLY	ROTATING	AND C	AUSED THE
1			OF CCX ?	200 PREVENTED THE TRUCK	FROM PROPERLY	ROTATING	AND C	AUSED THE
1 1 1 1 1			OF CCX	200 PREVENTED THE TRUCK	FROM PROPERLY		AND C	
ATK MDT	L-4 WHEEL TO CLIMB THE WEST RAI		OF CCX i	REAR-END COLLISION		ROTATING	AND C	AUSED THE
	L-4 WHEEL TO CLIMB THE WEST RAI							
	L-4 WHEEL TO CLIMB THE WEST RAI							
	L-4 WHEEL TO CLIMB THE WEST RAI 09/21/90 11:03 AM BALTIMORE TYPE OF TRACK:	MAIN 3 TRAFFIC CONTROL	MD		O Passenger tra	20 IN	<b>\$</b>	427 9 MPH
MDT	L-4 WHEEL TO CLIMB THE WEST RATE  09/21/90 11:03 AM BALTIMORE  TYPE OF TRACK:  CLASS OF TRACK:	MAIN 3 TRAFFIC CONTROL AUTO TRAIN CONTRO	MD	REAR-END COLLISION	0	20 IN	\$	 427
MDT	L-4 WHEEL TO CLIMB THE WEST RATE  09/21/90 11:03 AM BALTIMORE  TYPE OF TRACK:  CLASS OF TRACK:	MAIN 3 TRAFFIC CONTROL AUTO TRAIN CONTRO	MD	REAR-END COLLISION	O Passenger tra	20 IN	<b>\$</b>	427 9 MPH
MDT	L-4 WHEEL TO CLIMB THE WEST RAI 09/21/90 11:03 AM BALTIMORE TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	MAIN 3 TRAFFIC CONTROL AUTO TRAIN CONTRO CAB SIGNAL AUTO TRAIN STOP	MD	REAR-END COLLISION	O Passenger tra	20 IN	<b>\$</b>	427 9 MPH
MDT	L-4 WHEEL TO CLIMB THE WEST RATE  09/21/90 11:03 AM BALTIMORE  TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:  EQUIPMENT DERAILED:	MAIN 3 TRAFFIC CONTROL AUTO TRAIN CONTRO CAB SIGNAL AUTO TRAIN STOP NONE	MD OL	REAR-END COLLISION  MOVEMENTS INVOLVED:	O Passenger tra	20 IN	<b>\$</b>	427 9 MPH
MDT	L-4 WHEEL TO CLIMB THE WEST RATE  09/21/90 11:03 AM BALTIMORE  TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:  EQUIPMENT DERAILED: HAZARDOUS MATERIALS RELEASED:	MAIN 3 TRAFFIC CONTROL AUTO TRAIN CONTRO CAB SIGNAL AUTO TRAIN STOP NONE	MD OL	REAR-END COLLISION	O Passenger tra	20 IN	<b>\$</b>	427 9 MPH
MDT	L-4 WHEEL TO CLIMB THE WEST RATE  09/21/90 11:03 AM BALTIMORE  TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:  EQUIPMENT DERAILED:	MAIN 3 TRAFFIC CONTROL AUTO TRAIN CONTRO CAB SIGNAL AUTO TRAIN STOP NONE	MD OL	REAR-END COLLISION  MOVEMENTS INVOLVED:	O Passenger tra	20 IN	<b>\$</b>	427 9 MPH
MDT	L-4 WHEEL TO CLIMB THE WEST RATE  09/21/90 11:03 AM BALTIMORE  TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:  EQUIPMENT DERAILED: HAZARDOUS MATERIALS RELEASED:	MAIN 3 TRAFFIC CONTROL AUTO TRAIN CONTRO CAB SIGNAL AUTO TRAIN STOP NONE YES	MD OL NUMBER	REAR-END COLLISION  MOVEMENTS INVOLVED:  EVACUATED: 0	0 Passenger tra Passenger tra	20 IN IN	\$ 410 86	427 9 MPH 0 MPH
MDT	COSSING PROTECTION	MAIN 3 TRAFFIC CONTROL AUTO TRAIN CONTRO CAB SIGNAL AUTO TRAIN STOP NONE YES	MD OL NUMBER	REAR-END COLLISION  MOVEMENTS INVOLVED:  EVACUATED: 0	0 Passenger tra Passenger tra	20 IN IN	\$ 410 86	427 9 MPH 0 MPH
MDT	09/21/90 11:03 AM BALTIMORE  TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:  EQUIPMENT DERAILED: HAZARDOUS MATERIALS RELEASED: CROSSING PROTECTION  PROBABLE CAUSE: THE ENGINEER OF	MAIN 3 TRAFFIC CONTROL AUTO TRAIN CONTRO CAB SIGNAL AUTO TRAIN STOP NONE YES	MD OL NUMBER	REAR-END COLLISION  MOVEMENTS INVOLVED:  EVACUATED: 0	0 Passenger tra Passenger tra	20 IN IN	\$ 410 86	427 9 MPH 0 MPH
MDT	09/21/90 11:03 AM BALTIMORE  TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:  EQUIPMENT DERAILED: HAZARDOUS MATERIALS RELEASED: CROSSING PROTECTION  PROBABLE CAUSE: THE ENGINEER OF	MAIN 3 TRAFFIC CONTROL AUTO TRAIN CONTRO CAB SIGNAL AUTO TRAIN STOP NONE YES	MD OL NUMBER	REAR-END COLLISION  MOVEMENTS INVOLVED:  EVACUATED: 0	0 Passenger tra Passenger tra	20 IN IN	\$ 410 86	427 9 MPH 0 MPH

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•			TY/STATION			ACCIDENT			KILLED	INJURED		DAMAGE
	09/22/90 07:00				IL	HIGHWAY			2	0	\$	250
	TYPE OF TRACK:			MAIN								
	CLASS OF TRACK:			4								
177	METHOD OF OPERA	TION:		DIRECT TRAFFIC	CONTROL	MOVEMENTS	INVOLVED:	FRE	IGHT-TRAIN	EM2	11	50 MPH
				AUTOMATIC BLOC	CK							
	EQUIPMENT DERAI	LED:		NONE								
1	CROSSING PROTEC	TION	,		, ,							
					•			· ·				
	HIGHWAY-RAIL GR						,					
CSX	09/22/90 12:40				WV	DERAILM	ENT		0 (	0	\$	978,876
	TYPE OF TRACK:			MAIN								a.
	CLASS OF TRACK:			1								
178	METHOD OF OPERA	TION:	•	DIRECT TRAFFIC	CONTROL	MOVEMENTS	INVOLVED:	FRE	IGHT TRAIN	85	78	43 MPH
	EQUIPMENT DERAI	LED:	6	44 CAR(S)								
	CROSSING PROTEC	TION		• *								

SP	09/23/90 05:00 AM MARSH TYPE OF TRACK:	MAIN	AZ	<b>DERAILMEN</b> Ţ	0	0	\$ 354,500
470	CLASS OF TRACK:	4		MONEMENTO INVOLVED		D.III.10W	
179	METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION	TRAFFIC CONTROL 26 CAR(S)	,	MOVEMENTS INVOLVED:	FREIGHT TRAIN	DHWCM	28 MPH
'	PROBABLE CAUSE: EXCESSIVE BUI	FF (COMPRRESSIVE)	FORCES CR	EATED BY IMPROPER TRAIN	HANDLING.		
CSX	09/24/90 3:30 AM COLUMBUS	* 4	ОĤ	DERAILMENT	0	0	\$ 52,200
,	TYPE OF TRACK:	MAIN		٠	-96		4
400	CLASS OF TRACK:	3		MONEMENTO THEOLY		D7040	7/ 1000
180	METHOD OF OPERATION:	TRAFFIC CONTROL YARD LIMITS		MOVEMENTS INVOLVED:	FREIGHT TRAIN	R3012	34 MPH
	EQUIPMENT DERAILED:	8 CAR(S)					
r +	HAZARDOUS MATERIALS RELEASED: CROSSING PROTECTION	YES	NUMBER	EVACUATED: 12	·		
	PROBABLE CAUSE: BROKEN RAIL (	DETAIL FRACTURE).		(			
CSX SJRT	09/26/90 09:42 AM JACKSONVII		FL	HEAD-END COLLISION	0	3	\$ 0
	TYPE OF TRACK:	YARD					
,	CLASS OF TRACK:	2					
181	METHOD OF OPERATION:	YARD RULES		MOVEMENTS INVOLVED:	YARD/SWITCHING YARD/SWITCHING		
ı	EQUIPMENT DERAILED: CROSSING PROTECTION	NONE					
	PROBABLE CAUSE: THE ENGINEER	FAILED TO OPERATE	CSX TRAI	N Y12726 AT A SPEED THA	T WOULD PERMIT	STOPPING SH	ORT OF CSX

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RR CODE	DATE TI	ME	CITY/STATION		STATE	ACCIDENT TYPE	KILLED	INJURED	RR	DAMAGE
SP	09/27/90	4:52 AM	CHAMISO		ĀZ	HEAD-END COLLISION	0	3	\$ 2,	018,500
	TYPE OF TRA	CK:		MAIN			•			
	CLASS OF TR	ACK:		4						
182	METHOD OF O	PERATION	:	TRAFFIC CONTRO	L .	MOVEMENTS INVOLVED:	FREIGHT TRAIN	9619	,	20 MPH
							FREIGHT TRAIN	9704		O MPH
	EQUIPMENT D	ERAILED:		3 LOCOMOTIVE(S	)					
	CROSSING PR	OTECTION								
			ILURE OF THE	TRAIN CREW OF	SP 9704 WES	ST TO OPERATE THEIR TRA	AIN IN ACCORDANG	CE WITH A S	TOP SI	GNAL
	INDICATION.									
	·									
 Atsf	09/28/90 0		LUDLOW		CA	DERAILMENT	0	0	s	262,000
MIST	TYPE OF TRA		CODLOW	MAIN	UN	PERMICHENT	J	· ·	•	202,000
	CLASS OF TR			5			•			
183	METHOD OF C			-	CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	538	6	31 MPH
103	HEIMOD OF C	JI EKKI 10K	•	AUTOMATIC BLOC		HOTERIO INVOLTEDI	TREE CONTRACTOR	330		<b>31</b> 1
	EQUIPMENT D	ERAILED:		12 CAR(S)						
	CROSSING PR	ROTECTION								
				00000 GAUGED TU		ODDEAD THE CODORG HE	NE AFIJERATER BY	THE SPOTS	075D I	MATERIAL OF
	PROBABLE CA	NUSE: HI	GH LATERAL F			SPREAD. THE FORCES WEL				
	PROBABLE CA	NUSE: HI	GH LATERAL F			SPREAD. THE FORCES WE LATED CARS AS THEY NEG				
	PROBABLE CA	NUSE: HI	GH LATERAL F							
	PROBABLE CA	NUSE: HI	GH LATERAL F							

RR CODE	DATE	TİME	CITY/STATION	STA	TÉ	ACCIDENT	TYPE	KIL	LED :	NJURED	RR	DAMAGE
UP ;	TYPE OF	12:25 PM		MAIN 4	CO	HIGHWAY	-RAIL CROSS	SING 0		2	\$	50
184	METHOD O	TRACK: OF OPERATION T DERAILED: PROTECTION	l: :	TRAFFIC CONTROL NONE		MOVEMENTS	INVOLVED:	FREIGHT	TRAIN	LY	′GO1	40 MPH
		CAUSE: TI		CLE OPERATOR FAILE	D TO YIEL	D THE RIGH	T-OF-WAY TO	D AN ONCO	MING FRE	EIGHT TE	RAIN AT	<b>A</b> .
soo	10 (02 (00	0.75 DM	MUSCATINE		 IA		LLISION	 0		1	s	446,038
500.	TYPE OF	TRACK:	MUSCATTRE	MAIN 2	14	SIDE CO	FEISION	U	*	,	₩	440,030
185		F OPERATION	<b>!:</b>	TRACK WARRANT CON- AUTOMATIC BLOCK YARD LIMITS	TROL	MOVEMENTS	I NVOLVED:	FREIGHT FREIGHT			09 037	0 MPH 17 MPH
:	EQUIPMEN	IT DERAILED		2 LOCOMOTIVE(S) 11 CAR(S)					**.			
!	CROSSING	PROTECTION		- · · · • - •								
:	PROBABLE INDICATI		AILURE OF THE	CREWMEMBERS ON SO	0 6037 EA	AST TO OPER	ATE THEIR	TRÁIN IN .	ACCORDÀI	ICE WITH	A STOP	SIGNAL
!				•			1	r	,			

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CODE	DATÉ TIME CITY	//STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
NJTR	10/03/90 01:30 AM TRE	MAIN	NJ	DERAILMENT	0	0	\$ 9,200
186	CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION	2 Interlo 1 car(s		MOVEMENTS INVOLVED:	PASSENGER TRA	\IN 148	31 5 MPH
	PROBABLE CAUSE: THE CR TRAIN DISPATCHER OR OPE		E INTERLOCKING	MOVEMENT WITHOUT A PROPER	SIGNAL INDICA	ATION OR PER	MISSION FROM
						·.	
 CR	10/03/90 09:40 PM EAS	ST LAKE	OH	HIGHWAY-RAIL CROSS	ing 1	0	s (
	TYPE OF TRACK:	MAIN	, <del></del>			-	
	CLASS OF TRACK:	4	•		•		
187	METHOD OF OPERATION:		CCONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAII	N TVLA	43 50 MPI
	EQUIPMENT DERAILED: CROSSING PROTECTION	NONE	•				
	PROBABLE CAUSE: THE MO		ATOR FAILED TO	YIELD THE RIGHT-OF-WAY TO	AN ONCOMING	FREIGHT TRAI	IN AT A
	,	**************************************					
		MODE	AL	HIGHWAY-RAIL CROSS	SING 2	 0	<b>\$</b> (
csx	10/04/90 11:25 AM AT	TUKE					
csx	10/04/90 11:25 AM AT	MAIN					
csx		the state of the s		···			
CSX 188	TYPE OF TRACK:	MAIN 4	C CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIS	N 5230	04 45 MPI
	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION	MAIN 4 TRAFFIC NONE OTOR VEHICLE OPER	C CONTROL				
	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION PROBABLE CAUSE: THE MO	MAIN 4 TRAFFIC NONE OTOR VEHICLE OPER	C CONTROL	MOVEMENTS INVOLVED:			
	TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION PROBABLE CAUSE: THE MO	MAIN 4 TRAFFIC NONE OTOR VEHICLE OPER	C CONTROL	MOVEMENTS INVOLVED:			

	40.40F.200 OF -40 DM HONDO	•····	TOOOGO HAR VALUETU	NG 2	0	\$	 250
;	10/05/90 05:40 PM HONDO TYPE OF TRACK:	TX MAIN	HIGHWAY-RAIL CROSSI	NG Z	U	Ð	250
- 1	CLASS OF TRACK:	5	•	* 3			
39	METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	MBSI	MF	55 MPH
	EQUIPMENT DERAILED: CROSSING PROTECTION	NONE	Hoveliento Investeby	i Nasaii - Inzian	1.150		, , , , , , , , , , , , , , , , , , ,
	PROBABLE CAUSE: THE MOTOR VEHIGHWAY-RAIL GRADE CROSSING.	IICLE OPERATOR FAILED TO Y	ELD THE RIGHT-OF-WAY TO A	AN ONCOMING FR	EIGHT TRA	IN AT	A
						•	
·¦ rsf	10/08/90 10:11 AM HIGHLAND F	PARK CA	DERAILMENT	0	0	\$	129,500
1	TYPE OF TRACK:	MAIN	1	_			
:	CLASS OF TRACK:	4			*		
20	METHOD OF OPERATION:	TRACK WARRANT CONTROL AUTOMATIC BLOCK	MOVEMENTS INVOLVED:	FREIGHT TRAIN	15	88	16 MPH
:	CROSSING PROTECTION	10 ÇAR(S)					·
; !	PROBABLE CAUSE: INTERACTION (	F LATERAL/VERTICAL FORCES	CAUSED THE INSIDE RAIL TO	O CANT AND WID	EN THE TR	ACK G	AGE.
ľK	10/10/90 10:10 AM WALLER	TX	HIGHWAY-RAIL CROSSI	NG 1	1	\$	17,000
	TYPE OF TRACK:	MAIN					
1	CLASS OF TRACK:	4					
04 1	METHOD OF OPERATION:	AUTOMATIC BLOCK DIRECT TRAFFIC CONTROL	MOVEMENTS INVOLVED:	PAȘSENGER TRAI	N 5	22	55 MPH
91		NONE					

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RR CODE	DATE TIME CIT	Y/STATION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	10/15/90 12:35 PM LE TYPE OF TRACK: CLASS OF TRACK:	MAIN	TN	DERAILMENT	0	0	\$ 747,200
192		TRAFFIC C	CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	R57	72 58 MPH
	HAZARDOUS MATERIALS RECROSSING PROTECTION	LEASED: YES	NUMBER	EVACUATED: 40			
	PROBABLE CAUSE: HIGH TRAIN.	SPEED OSCILLATION (	HUNTING) BY THE	LEAD TRUCK OF EMPTY G	GONDOLA, CO 3629	93, THE 4TI	CAR IN THE
NW	10/17/90 10:50 AM UN TYPE OF TRACK:	MAIN	• ОН	HIGHWAY-RAIL CROS	SSING 2	0	\$ 563
193	CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION	4 TRAFFIC C NONE	CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIN	60	59 49 MPH
	PROBABLE CAUSE: THE M		OR FAILED TO YI	ELD THE RIGHT-OF-WAY 1	O AN ONCOMING F	REIGHT TRA	IN AT A
							,

	10/18/90 12:35 AM AMARILLO		TX	HIGHWAY-RAIL CROS	SING 3	0	\$	500
	TYPE OF TRACK:				1			
	CLASS OF TRACK:	2						
		YARD LIMITS		MOVEMENTS INVOLVED:	FREIGHT TRAIN	2/01	IT	5 MPH
	EQUIPMENT DERAILED:	NONE		v.	•			
	CROSSING PROTECTION	•		,				•
	PROBABLE CAUSE: THE MOTOR VEH	ICLE OPERATOR FAI	LED TO YI	ELD THE RIGHT-OF-WAY TO	O A PASSING FRE	IGHT TRAIN	AT A	
		• .		1				
	1						,	
	CONTRIBUTING FACTORS: THE MOTOR	R VEHICLE OPERATO	R'S BLOOD	ALCOHOL LEVEL WAS MEAS	SURED AT 0.30 PI	ERCENT.		
<b>IR</b>	10/19/90 12:05 AM BROWNSVILL		ME	DERAILMENT	Ó	0	\$	62,807
	TYPE OF TRACK:	MAIN						
	CLASS OF TRACK:	3						
95	METHOD OF OPERATION:	VOICE CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	NMT	/A	32 MPH
95	METHOD OF OPERATION:	_		MOVEMENTS INVOLVED:	FREIGHT TRAIN	NMT	/A	32 MPH
95	METHOD OF OPERATION: EQUIPMENT DERAILED:	VOICE CONTROL 10 CAR(S)		,				32 MPH
	METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION	VOICE CONTROL 10 CAR(S) JRNAL DUE TO A FA		,		DLA MEC 14	137.	32 MPH
	METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: BURNED OFF JOURNAL OFF J	VOICE CONTROL 10 CAR(S) JRNAL DUE TO A FA	ILED PLAI	N BEARING AT THE R-4 LO	OCATION ON GONDO	DLA MEC 14	137.	
95  sx	METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: BURNED OFF JOURNAL OFF J	VOICE CONTROL 10 CAR(S)  JRNAL DUE TO A FA  MAIN 3	ILED PLAI	N BEARING AT THE R-4 LO	OCATION ON GONDO	DLA MEC 14'	137. \$	371,400
	METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: BURNED OFF JOURNAL OFF JOURNAL OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	VOICE CONTROL 10 CAR(S)  JRNAL DUE TO A FA  MAIN 3 DIRECT TRAFFIC	ILED PLAI	N BEARING AT THE R-4 LO	OCATION ON GONDO	DLA MEC 14'	137.	371,400
SX	METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: BURNED OFF JOURNAL OFF J	VOICE CONTROL 10 CAR(S)  JRNAL DUE TO A FA  MAIN 3 DIRECT TRAFFIC 17 CAR(S)	ILED PLAI SC CONTROL	N BEARING AT THE R-4 LO DERAILMENT MOVEMENTS INVOLVED:	OCATION ON GONDO	DLA MEC 14'	137. \$	371,400

s: 1

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	DATE TIME (	CITY/STATION	STATE	ACCIDENI	TYPE	KILLED	INJUR	ED	RR DAMAGE
JP	10/19/90 06:55 PM	ALIX	AR	H I GHWAY	-RAIL CROSSI	ING 3	1	\$	0
	TYPE OF TRACK:		MAIN						
	CLASS OF TRACK:		4						
197	METHOD OF OPERATION:		TRACK WARRANT CONTRO	L MOVEMENTS	INVOLVED:	FREIGHT TRAI	N	LVR56	48 MPH
	EQUIPMENT DERAILED:		NONE		•			-	
	CROSSING PROTECTION								
	HIGHWAY-RAIL GRADE		LE OPERATOR FAILED T		III-OF-WAT TO	AN UNCOMING	rkLidni	IKAIN A	
	HIGHWAY-RAIL GRADE (	CROSSING.	VEHICLE OPERATOR'S B	,	•				
 BN	HIGHWAY-RAIL GRADE O	CROSSING.	,	LOOD ALCOHOL LEV	/EL WAS MEASL		PERCENT	•	
 BN	HIGHWAY-RAIL GRADE (	CROSSING. S: THE MOTOR LYONS	VEHICLE OPERATOR'S B	LOOD ALCOHOL LEV	/EL WAS MEASL	JRED AT 0.17	PERCENT	•	
 BN	CONTRIBUTING FACTORS	CROSSING. S: THE MOTOR LYONS	VEHICLE OPERATOR'S B	LOOD ALCOHOL LEV	/EL WAS MEASL	JRED AT 0.17	PERCENT	•	
	CONTRIBUTING FACTORS 10/19/90 9:45 PM TYPE OF TRACK:	CROSSING. S: THE MOTOR LYONS	VEHICLE OPERATOR'S B  ND MAIN	LOOD ALCOHOL LEV	/EL WAS MEASU	JRED AT 0.17	PERCENT	\$	1,264,300
	CONTRIBUTING FACTORS 10/19/90 9:45 PM TYPE OF TRACK: CLASS OF TRACK:	CROSSING. S: THE MOTOR LYONS	VEHICLE OPERATOR'S B ND MAIN	LOOD ALCOHOL LEV	/EL WAS MEASL ID COLLISION INVOLVED:	URED AT 0.17	PERCENT 1 1	• \$ 99YY2	1,264,300
	CONTRIBUTING FACTORS 10/19/90 9:45 PM TYPE OF TRACK: CLASS OF TRACK:	CROSSING. S: THE MOTOR LYONS	VEHICLE OPERATOR'S B ND MAIN ATTRICK WARRANT CONTRO	LOOD ALCOHOL LEV	/EL WAS MEASL ID COLLISION INVOLVED:	JRED AT 0.17	PERCENT.  1	• \$ 99YY2	1,264,300 0 MPH 7 MPH
	CONTRIBUTING FACTORS 10/19/90 9:45 PM TYPE OF TRACK: CLASS OF TRACK:	CROSSING. S: THE MOTOR LYONS	VEHICLE OPERATOR'S B ND MAIN ATTRICK WARRANT CONTRO	LOOD ALCOHOL LEV	/EL WAS MEASL ID COLLISION INVOLVED:	JRED AT 0.17  1  FREIGHT TRAI FREIGHT TRAI	PERCENT.  1	\$ 99YY2 316DD	1,264,300 0 MPH 7 MPH
	CONTRIBUTING FACTORS  10/19/90 9:45 PM TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION	CROSSING. S: THE MOTOR LYONS	VEHICLE OPERATOR'S B  ND MAIN 4 TRACK WARRANT CONTRO AUTOMATIC BLOCK	LOOD ALCOHOL LEV	/EL WAS MEASL ID COLLISION INVOLVED:	JRED AT 0.17  1  FREIGHT TRAI FREIGHT TRAI	PERCENT.  1	\$ 99YY2 316DD	1,264,300 0 MPH 7 MPH
 ВN 198	CONTRIBUTING FACTORS  10/19/90 9:45 PM TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION  EQUIPMENT DERAILED:	CROSSING.  S: THE MOTOR  LYONS	VEHICLE OPERATOR'S B  ND MAIN 4 TRACK WARRANT CONTRO AUTOMATIC BLOCK 3 LOCOMOTIVE(S)	LOOD ALCOHOL LEV	/EL WAS MEASL ID COLLISION INVOLVED:	JRED AT 0.17  1  FREIGHT TRAI FREIGHT TRAI	PERCENT.  1	\$ 99YY2 316DD	1,264,300 0 MPH 7 MPH

CODE	DATE TIME CITY/STAT	rión st.	A16 	ACCIDENT TYPE	KILLED	INJURED	RI	R DAMAGE
BN	10/21/90 05:25 PM ST. LOUI TYPE OF TRACK:	S MAIN	MO	DERAÏ LMENT	0	0	\$	18,000
į	CLASS OF TRACK:	1						
199				MOVEMENTS INVOLVED:	FREIGHT TRAIN	1'	143	10 MPH
! ! }	EQUIPMENT DERAILED: CROSSING PROTECTION	9 CAR(S)	,					
	PROBABLE CAUSE: EXCESSIVE B	BUFF (COMPRESSIVE) FO	RCES DUI	E TO TRAIN MAKE-UP.				
CR	10/23/90 03:41 PM WASHINGT	ON, D.C.	DC	DERAILMENT	0	0	\$	10,000
1	TYPE OF TRACK:	MAIN						
:	CLASS OF TRACK:	2 ੍						,
200	METHOD OF OPERATION:	TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	C'S/	L3	21 MPH
	EQUIPMENT DERAILED:	22 CAR(S)	,					
- 1	EGOTT HERT DERRILLD.	ZE CAR(S)		•				
	CROSSING PROTECTION	ZZ CAR(S)		•				
		ON THE "A", LEÁDING E				NTER AND I	RIGÍD.	
SOU	CROSSING PROTECTION  PROBABLE CAUSE: THE TRUCK C	ON THE "A", LEÁDING E		A LOADED BULK HEAD FLAT		NTER AND F	RIGID.	88,000
sou	CROSSING PROTECTION  PROBABLE CAUSE: THE TRUCK OF 10/23/90 06:20 AM ST. MATT TYPE OF TRACK:	ON THE "A", LEÁDING E					RIGID.	88,000
sou	CROSSING PROTECTION  PROBABLE CAUSE: THE TRUCK OF TOUR ST. MATTER TYPE OF TRACK: CLASS OF TRACK:	ON THE "A", LEADING E THEWS MAIN 4		DERAILMENT	1	1	\$	ŕ
sou	CROSSING PROTECTION  PROBABLE CAUSE: THE TRUCK OF TOUR ST. MATTER TYPE OF TRACK: CLASS OF TRACK:	ON THE "A", LEADING E THEWS MAIN		DERAILMENT MOVEMENTS INVOLVED:	1 FREIGHT TRAIN	1	\$	88,000 12 MPH
!	CROSSING PROTECTION  PROBABLE CAUSE: THE TRUCK OF TOUR ST. MATTER TYPE OF TRACK: CLASS OF TRACK:	ON THE "A", LEADING E THEWS MAIN 4 TIME TABLE		DERAILMENT	1 FREIGHT TRAIN	1	\$	ŕ
!	CROSSING PROTECTION  PROBABLE CAUSE: THE TRUCK OF TOPICS AND ST. MATTER OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	ON THE "A", LEADING E THEWS MAIN 4 TIME TABLE TRAIN ORDERS		DERAILMENT MOVEMENTS INVOLVED:	1 FREIGHT TRAIN	1	\$	ŕ
!	CROSSING PROTECTION  PROBABLE CAUSE: THE TRUCK OF TOTAL CONTROL OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:  EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: WASHOUT	ON THE "A", LEADING E THEWS MAIN 4 TIME TABLE TRAIN ORDERS 7 CAR(S)	SC	DERAILMENT  MOVEMENTS INVOLVED:	1 FREIGHT TRAIN	1	\$ 172	12 MPH
!	CROSSING PROTECTION  PROBABLE CAUSE: THE TRUCK OF TOPICS OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:  EQUIPMENT DERAILED: CROSSING PROTECTION	ON THE "A", LEADING E THEWS MAIN 4 TIME TABLE TRAIN ORDERS 7 CAR(S)	SC	DERAILMENT  MOVEMENTS INVOLVED:	1 FREIGHT TRAIN	1	\$ 172	12 MPH

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R CODE	DATE	TIME	CITY/STATION	st	ATE	ACCIDENT	TYPE		KILLE	) INJU	RED	RR	DAMAGE
ATK UP	10/27/90	09:44 PM	SCHERTZ	` '	TX	H I GHWAY	-RAIL	CROSSING	i 2	0		\$	10,000
	TYPE OF			MAIN									•
	CLASS OF			4		<b></b>							4
202	EQUIPMEN'	F OPERATION T DERAILED: PROTECTION		TRAFFIC CONTROL NONE		MOVEMENTS	INVOL	VED: P/	ASSENGER	TRAIN	21		62 MPH
		CAUSE: TI RAIL GRADE		CLE OPERATOR FAIL	ED TO Y	IELD THE RIGH	T <b>-</b> OF-\	WAY TO A	i ONCOMII	NG PASSEN	GER TRA	IN A	T A
SP	10/27/90 TYPE OF	06:50 PM	BANNING	MAIN	CA	H I GHWA)	-RAIL	CROSSING	a 2	0		\$	150
	CLASS OF			4									
203	METHOD O	F OPERATION T DERAILED PROTECTION	:	TRAFFIC CONTROL NONE		MOVEMENTS	INVOL	VED: L	IGHT LOC	D(S)	WH911		50 MPH
	PROBABLE	CAUSE: T	HE MOTOR VEHI	CLE OPERATOR FAIL	ED TO Y	IELD THE RIGI	(T <b>-</b> 0F-1	WAY TO A	N ONCOMI	NG LIGHT	LOCOMOT	IVE	CONSIST #

	DATE TIME CITY/STA		TATĘ	ACCIDENT TYPE		INJURED	RR DAM	
CSX SJRT	10/27/90 06:23 PM JACKSON	VILLE	FL	SIDE COLLISION	0	. 0	\$ 10	,500
	TYPE OF TRACK:	YARD						
	CLASS OF TRACK:	1						
204	METHOD OF OPERATION:	YARD RULES		MOVEMENTS INVOLVED:	YARD/SWITCHING			MPH
,			. ".		YARD/SWITCHING	CJ22	2	MPH
	EQUIPMENT DERAILED:	1 LOCOMOTIVE(S) 1 CAR(S)						
	CROSSING PROTECTION	•						
	PROBABLE CAUSE: THE ENGINE	ER ON CSX TRAIN Y204	FAILED T	O STOP SHORT OF SJRT TR	AIN CJ22.			
UP	11/04/90 06:40 PM MONROE		LA	HIGHWAY-RAIL CROSS	ING 2	1	\$	0
	TYPE OF TRACK:	MAIN						
	CLASS OF TRACK:	4		· .				
205	METHOD OF OPERATION:	TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	NLAV4	40	MPH
	EQUIPMENT DERAILED:	NONE						
	CROSSING PROTECTION			* *	*		•	
	PROBABLE CAUSE: THE MOTOR V		LED TO YI	ELD THE RIGHT-OF-WAY TO	AN ONCOMING FR	EIGHT TRAIN	AT A	
			LED TO YI	ELD THE RIGHT-OF-WAY TO	AN ONCOMING FR	EIGHT TRAIN	AT A	
	HIGHWAY-RAIL GRADE CROSSING					·		500
 BN	HIGHWAY-RAIL GRADE CROSSING	• .	LED TO YI	ELD THE RIGHT-OF-WAY TO		EIGHT TRAIN	AT A \$ 1,176	,500
 BN	HIGHWAY-RAIL GRADE CROSSING  11/04/90 6:40 AM OREGON TYPE OF TRACK:					·		<b>,</b> 500
	HIGHWAY-RAIL GRADE CROSSING  11/04/90 6:40 AM OREGON TYPE OF TRACK: CLASS OF TRACK:	MAIN 4	IL	SIDE COLLISION	0	4	\$ 1,176	. ,
	HIGHWAY-RAIL GRADE CROSSING  11/04/90 6:40 AM OREGON TYPE OF TRACK:		IL		O FREIGHT TRAIN	4 01040	\$ 1,176	MPH
	HIGHWAY-RAIL GRADE CROSSING  11/04/90 6:40 AM OREGON TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	MAIN 4 TRAFFIC CONTROL	1L	SIDE COLLISION	0	4	\$ 1,176	. ,
	HIGHWAY-RAIL GRADE CROSSING  11/04/90 6:40 AM OREGON TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	MAIN 4 TRAFFIC CONTROL 3 LOCOMOTIVE(S)	1L	SIDE COLLISION	O FREIGHT TRAIN	4 01040	\$ 1,176	MPH
	HIGHWAY-RAIL GRADE CROSSING  11/04/90 6:40 AM OREGON TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:  EQUIPMENT DERAILED:	MAIN 4 TRAFFIC CONTROL 3 LOCOMOTIVE(S) 11 CAR(S)	IL	SIDE COLLISION  MOVEMENTS INVOLVED:	O FREIGHT TRAIN	4 01040	\$ 1,176	MPH
	HIGHWAY-RAIL GRADE CROSSING  11/04/90 6:40 AM OREGON TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	MAIN 4 TRAFFIC CONTROL 3 LOCOMOTIVE(S) 11 CAR(S)	IL	SIDE COLLISION	O FREIGHT TRAIN	4 01040	\$ 1,176 15 12	MPH
 BN 206	HIGHWAY-RAIL GRADE CROSSING.  11/04/90 6:40 AM OREGON TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED: HAZARDOUS MATERIALS RELEASED CROSSING PROTECTION	MAIN 4 TRAFFIC CONTROL 3 LOCOMOTIVE(S) 11 CAR(S) D: YES	I L	SIDE COLLISION  MOVEMENTS INVOLVED:  EVACUATED: 6	O FREIGHT TRAIN FREIGHT TRAIN	4 01040 01047	\$ 1,176 15 12	MPH MPH
	11/04/90 6:40 AM OREGON TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED: HAZARDOUS MATERIALS RELEASED CROSSING PROTECTION PROBABLE CAUSE: FAILURE OF	MAIN 4 TRAFFIC CONTROL 3 LOCOMOTIVE(S) 11 CAR(S) D: YES	I L	SIDE COLLISION  MOVEMENTS INVOLVED:  EVACUATED: 6	O FREIGHT TRAIN FREIGHT TRAIN	4 01040 01047	\$ 1,176 15 12	MPH MPH
	HIGHWAY-RAIL GRADE CROSSING.  11/04/90 6:40 AM OREGON TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED: HAZARDOUS MATERIALS RELEASED CROSSING PROTECTION	MAIN 4 TRAFFIC CONTROL 3 LOCOMOTIVE(S) 11 CAR(S) D: YES	I L	SIDE COLLISION  MOVEMENTS INVOLVED:  EVACUATED: 6	O FREIGHT TRAIN FREIGHT TRAIN	4 01040 01047	\$ 1,176 15 12	MPH MPH
	11/04/90 6:40 AM OREGON TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED: HAZARDOUS MATERIALS RELEASED CROSSING PROTECTION PROBABLE CAUSE: FAILURE OF	MAIN 4 TRAFFIC CONTROL 3 LOCOMOTIVE(S) 11 CAR(S) D: YES	I L	SIDE COLLISION  MOVEMENTS INVOLVED:  EVACUATED: 6	O FREIGHT TRAIN FREIGHT TRAIN	4 01040 01047	\$ 1,176 15 12	MPH MPH

CODE	· DATE 1	TIME	CITY/STATION	S	STATE	ACCIDENT TYPE	KILLED		RR DAMAGE
ATSF	11/07/90	4:10 AM	CORONA		CA	HEAD-END COLLISION			
	TYPE OF TR	RACK:		MAIN					
	CLASS OF 1	TRACK:		4					
207	METHOD OF	OPERATION	<b>1:</b>	TRAFFIC CONTROL	•	MOVEMENTS INVOLVED:	FREIGHT TRAIN	8910	7 29 MPH
							FREIGHT TRAIN	8180	)7 3 MPH
,	EQUIPMENT		:	6 LOCOMOTIVE(S)	) ,				
				8 CAR(S)					
	CROSSING F	PROTECTION	V	ď					
		וואש שחו ע	N TRACK IN AD	VANCE OF TRAIN N	IO. 89107.			A STOP SIG	
				VANCE OF TRAIN N	10. 89107.			TA STOP SIX	
RFP	11/07/90	05:58 AM	WOODBRIDGE		IO. 89107.		0	0	\$ 16 <b>7</b> ,740
RFP	11/07/90 TYPE OF TI	05:58 AM	WOODBRIDGE	MAIN		;	0		
	11/07/90 TYPE OF TE	05:58 AM RACK: TRACK:	WOODBRIDGE		VA	DERAILMENT	-	0	\$ 167,740
RFP 208	11/07/90 TYPE OF TI	05:58 AM RACK: TRACK:	WOODBRIDGE N:	MAIN 4 TRAFFIC CONTROL	VA	DERAILMENT	-	0	
	11/07/90 TYPE OF TI CLASS OF T METHOD OF	05:58 AM RACK: TRACK: OPERATION	WOODBRIDGE	MAIN 4 TRAFFIC CONTROL CAB SIGNAL	VA	DERAILMENT	-	0	\$ 167,740
	11/07/90 TYPE OF TE CLASS OF METHOD OF	05:58 AM RACK: TRACK: OPERATION	WOODBRIDGE N:	MAIN 4 TRAFFIC CONTROL	VA	DERAILMENT	-	0	\$ 167,740
	11/07/90 TYPE OF TI CLASS OF T METHOD OF	05:58 AM RACK: TRACK: OPERATION	WOODBRIDGE N:	MAIN 4 TRAFFIC CONTROL CAB SIGNAL	VA	DERAILMENT	-	0	\$ 167,740
	11/07/90 TYPE OF TI CLASS OF METHOD OF EQUIPMENT CROSSING I	05:58 AM RACK: TRACK: OPERATION DERAILED PROTECTION	WOODBRIDGE N: :	MAIN 4 TRAFFIC CONTROL CAB SIGNAL 11 CAR(S)	VA	DERAILMENT	FREIGHT TRAIN	0 I R40	\$ 167,740 D5 56 MPH
	11/07/90 TYPE OF THE CLASS OF METHOD OF EQUIPMENT CROSSING IN PROBABLE OF THE CROSSING IN THE CROSSING IN THE CROSSING IN THE CROSSING IN THE CROSSING IN THE CROSSING IN THE CROSSING IN THE CROSSING IN THE CROSSING IN T	05:58 AM RACK: TRACK: OPERATION DERAILED PROTECTION CAUSE: M	WOODBRIDGE N: N ISSING DRAFT	MAIN 4 TRAFFIC CONTROL CAB SIGNAL 11 CAR(S)	VA	DERAILMENT  MOVEMENTS INVOLVED:  O OF OF THE 72ND CAR IN	FREIGHT TRAIN	0 I R40	\$ 167,740 D5 56 MPH
	11/07/90 TYPE OF THE CLASS OF METHOD OF EQUIPMENT CROSSING IN PROBABLE OF THE CROSSING IN THE CROSSING IN THE CROSSING IN THE CROSSING IN THE CROSSING IN THE CROSSING IN THE CROSSING IN THE CROSSING IN THE CROSSING IN T	05:58 AM RACK: TRACK: OPERATION DERAILED PROTECTION CAUSE: M	WOODBRIDGE N: N ISSING DRAFT	MAIN 4 TRAFFIC CONTROL CAB SIGNAL 11 CAR(S) GEAR KEY ON THE	VA	DERAILMENT  MOVEMENTS INVOLVED:  O OF OF THE 72ND CAR IN	FREIGHT TRAIN	0 I R40	\$ 167,740 D5 56 MPH
	11/07/90 TYPE OF THE CLASS OF METHOD OF EQUIPMENT CROSSING IN PROBABLE OF THE CROSSING IN THE CROSSING IN THE CROSSING IN THE CROSSING IN THE CROSSING IN THE CROSSING IN THE CROSSING IN THE CROSSING IN THE CROSSING IN T	05:58 AM RACK: TRACK: OPERATION DERAILED PROTECTION CAUSE: M	WOODBRIDGE N: N ISSING DRAFT	MAIN 4 TRAFFIC CONTROL CAB SIGNAL 11 CAR(S) GEAR KEY ON THE	VA	DERAILMENT  MOVEMENTS INVOLVED:  O OF OF THE 72ND CAR IN	FREIGHT TRAIN	0 I R40	\$ 167,740 D5 56 MPH

					_				
IP	11/07/90 05:30 AM TIPTON		MY .	DERAILMENT	0	0		\$ 1,	,195,800
	TYPE OF TRACK:	MAIN			_				
	CLASS OF TRACK:	5	144	N45454170 TABLES			UDI AG		40 MDÜ
209	METHOD OF OPERATION:	AUTOMATIC BLOCK	MC	OVEMENTS INVOLVED:	FREIGHT TRAIN		NPLAC		60 MPH
		CAB SIGNAL							
	EQUIPMENT DERAILED:	41 CAR(S)							
	CROSSING PROTECTION			,					
	PROBABLE CAUSE: BROKEN RAIL	AT A FIELD WELDED RAI	IL JOINT.		¥.	• ••	•		
 CR	11/07/90 02:05 PM SAYBROOK		 DH	HIGHWAY-RAIL CROSS	ING 3	 1	·:	 \$	0
	TYPE OF TRACK:	MAIN '							
	CLASS OF TRACK:	4							
210 .	METHOD OF OPERATION:	TRAFFIC CONTROL	MC	VEMENTS INVOLVED:	FREIGHT TRAIN		TV7	d.	35 MPH
	EQUIPMENT DERAILED:	NONE		•					
	CROSSING PROTECTION								
,	PROBABLE CAUSE: THE MOTOR VEHIGHWAY-RAIL GRADE CROSSING.	HICLE OPERATOR FAILED	TO YIELD	THE RIGHT-OF-WAY TO	AN ONCOMING F	REIGHT	TRAIN	AT #	<b>.</b>
	PROBABLE CAUSE: THE MOTOR VE	HICLE OPERATOR FAILED	O TO YIELD	THE RIGHT-OF-WAY TO	AN ONCOMING F	REIGHT	TRAIN	AT /	A
 BN	PROBABLE CAUSE: THE MOTOR VE		O TO YIELD	THE RIGHT-OF-WAY TO		<b>-</b> -			A 372,000
 BN	PROBABLE CAUSE: THE MOTOR VEI					<b>-</b> -			
 BN	PROBABLE CAUSE: THE MOTOR VEH HIGHWAY-RAIL GRADE CROSSING. 11/08/90 10:45 AM AUGUSTA					<b>-</b> -			
	PROBABLE CAUSE: THE MOTOR VEHIGHWAY-RAIL GRADE CROSSING.  11/08/90 10:45 AM AUGUSTA TYPE OF TRACK: CLASS OF TRACK:	MAIN	 KS	HIGHWAY-RAIL CROSS	ING 0	<b>-</b>		 \$	
 ВN 211	PROBABLE CAUSE: THE MOTOR VEHIGHWAY-RAIL GRADE CROSSING.  11/08/90 10:45 AM AUGUSTA TYPE OF TRACK: CLASS OF TRACK:	MAIN 3	 KS	HIGHWAY-RAIL CROSS	ING 0	<b>-</b>		 \$	372,000
	PROBABLE CAUSE: THE MOTOR VEHIGHWAY-RAIL GRADE CROSSING.  11/08/90 10:45 AM AUGUSTA TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	MAIN 3 TRACK WARRANT CONT	 KS	HIGHWAY-RAIL CROSS	ING 0	<b>-</b>		 \$	372,000
	PROBABLE CAUSE: THE MOTOR VEHIGHWAY-RAIL GRADE CROSSING.  11/08/90 10:45 AM AUGUSTA TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	MAIN 3 TRACK WARRANT CONT 4 LOCOMOTIVE(S)	 KS	HIGHWAY-RAIL CROSS	ING 0	<b>-</b>		 \$	372,000
	PROBABLE CAUSE: THE MOTOR VEHIGHWAY-RAIL GRADE CROSSING.  11/08/90 10:45 AM AUGUSTA TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 3 TRACK WARRANT CONT 4 LOCOMOTIVE(S)	 KS	HIGHWAY-RAIL CROSS	ING 0	<b>-</b>		 \$	372,000
	PROBABLE CAUSE: THE MOTOR VEHIGHWAY-RAIL GRADE CROSSING.  11/08/90 10:45 AM AUGUSTA TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	MAIN 3 TRACK WARRANT CONT 4 LOCOMOTIVE(S) 5 CAR(S)	KS Trol MC	HIGHWAY-RAIL CROSS	ING O FREIGHT TRAIN	3	91666	 \$	372,000 40 MPH
	PROBABLE CAUSE: THE MOTOR VEHIGHWAY-RAIL GRADE CROSSING.  11/08/90 10:45 AM AUGUSTA TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION	MAIN 3 TRACK WARRANT CONT 4 LOCOMOTIVE(S) 5 CAR(S)	KS Trol MC	HIGHWAY-RAIL CROSS	ING O FREIGHT TRAIN	3	91666	 \$	372,000 40 MPH
	PROBABLE CAUSE: THE MOTOR VEH HIGHWAY-RAIL GRADE CROSSING.  11/08/90 10:45 AM AUGUSTA TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION PROBABLE CAUSE: THE TRACTOR	MAIN 3 TRACK WARRANT CONT 4 LOCOMOTIVE(S) 5 CAR(S)	KS Trol MC	HIGHWAY-RAIL CROSS	ING O FREIGHT TRAIN	3	91666	 \$	372,000 40 MPH
	PROBABLE CAUSE: THE MOTOR VEH HIGHWAY-RAIL GRADE CROSSING.  11/08/90 10:45 AM AUGUSTA TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION PROBABLE CAUSE: THE TRACTOR	MAIN 3 TRACK WARRANT CONT 4 LOCOMOTIVE(S) 5 CAR(S)	KS Trol MC	HIGHWAY-RAIL CROSS	ING O FREIGHT TRAIN	3	91666	 \$	372,000 40 MPH

.

	DATE TIME CITY/STATIO	ON ST	ATE	ACCIDENT TYPE	KILLED	INJURED	) R	R DAMAGE
NYSW	11/09/90 09:58 AM SPARTA		NJ	OTHER	0	0	\$	35,000
	TYPE OF TRACK:	SIDING						
	CLASS OF TRACK: .	1						
212	METHOD OF OPERATION:	YARD RULES		MOVEMENTS INVOLVED:	FREIGHT TRAIN SINGLE CAR	\$	SU100	UNK MPH 4 MPH
	EQUIPMENT DERAILED: CROSSING PROTECTION	1 CAR(S)	ı					
,	PROBABLE CAUSE: THE CONDUCTOR	R FAILED TO PROPERL	Y SECURE	A STANDING CAR.			`	
BN	11/13/90 02:05 PM HOLDENVIL	.E	OK	HIGHWAY-RAIL CROSS	ING 3	0	\$	0
	TYPE OF TRACK:	MAIN						
	CLASS OF TRACK:	4						
213				MOVEMENTS INVOLVED:	FREIGHT TRAIN	•	15212	55 MPH
	COLLEGE PERMIT PERMIT	HONE						
	CROSSING PROTECTION	NONE			. AN GUCONTUC FRO			
		HICLE OPERATOR FAIL			O AN ONCOMING FR	Eight 1	TRAIN AT	. Т. А.
	CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VE	HICLE OPERATOR FAIL	ED TO YI		O AN ONCOMING FR	EIGHT 1	TRAIN AT	· A
SEPA	CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VE	HICLE OPERATOR FAIL		,				7 A 300
SEPA	CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VE HIGHWAY-RAIL GRADE CROSSING.	HICLE OPERATOR FAIL		,				
SEPA	CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEHIGHWAY-RAIL GRADE CROSSING.	HICLE OPERATOR FAIL		,				
SEPA 214	CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEHIGHWAY-RAIL GRADE CROSSING.  11/15/90 07:20 AM TRENTON TYPE OF TRACK:	HICLE OPERATOR FAIL YARD	NJ	DERAILMENT	0	0	\$	300

	DATE TIME CITY/	STATION	STATE				RR	. <b></b>
ATK CNW	11/15/90 03:26 PM CHIC	AGO	ΙL	SIDE COLLISION	0	. 6	\$	13,408
	TYPE OF TRACK:	MAIN						
	CLASS OF TRACK:	4						
215	METHOD OF OPERATION:	INTERLOCKING	•,	MOVEMENTS INVOLVED:	PASSENGER TRA	AIN	7	20 MPH
		مي ه ه			MOW EQUIPMENT	Γ	TM95	UNK MPH
	EQUIPMENT DERAILED:	7 LOCOMOTIVE( 1 CAR(S)	S)					
	CROSSING PROTECTION				,			
	PROBABLE CAUSE: INTERFE SAFETY OF TRAIN OPERATIO		KING MACHIN	E BY THE CONTROL OPERAT	OR WITHOUT TAI	CING MEAS	SURES TO	PROTECT T
	1				,			
	en en en en en en en en en en en en en e		÷	, ·				
	CONTRIBUTING FACTORS: FA REQUIRED BY CARRIER RULE				SION FROM THE	CONTROL	OPERATOR	R, AS
		S, BEFORE PROCEEDING				CONTROL	OPERATOR	1,645
	REQUIRED BY CARRIER RULE	S, BEFORE PROCEEDING	THROUGH THE	INTERLOCKING.			,	·
	REQUIRED BY CARRIER RULE	S, BEFORE PROCEEDING	THROUGH THE	INTERLOCKING.			,	·
	REQUIRED BY CARRIER RULE  11/16/90 7:23 AM MILT TYPE OF TRACK:	S, BEFORE PROCEEDING  ONA  MAIN	THROUGH THE	INTERLOCKING.  HIGHWAY-RAIL CROSS	ING 3	21	,	·
	REQUIRED BY CARRIER RULE  11/16/90 7:23 AM MILT TYPE OF TRACK: CLASS OF TRACK:	S, BEFORE PROCEEDING  ONA  MAIN  3	THROUGH THE	INTERLOCKING.  HIGHWAY-RAIL CROSS	ING 3	21	\$	1,645
	REQUIRED BY CARRIER RULE  11/16/90 7:23 AM MILT TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	S, BEFORE PROCEEDING  ONA  MAIN  3  TRACK WARRANT	THROUGH THE	INTERLOCKING.  HIGHWAY-RAIL CROSS	ING 3	21	\$	1,645
	REQUIRED BY CARRIER RULE  11/16/90 7:23 AM MILT TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION	S, BEFORE PROCEEDING  ONA  MAIN  3  TRACK WARRANT NONE	THROUGH THE  MN  CONTROL	INTERLOCKING.  HIGHWAY-RAIL CROSS  MOVEMENTS INVOLVED:	ING 3	21	\$ 941	1,645 40 MPH
	REQUIRED BY CARRIER RULE  11/16/90 7:23 AM MILT TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	S, BEFORE PROCEEDING  ONA  MAIN  3  TRACK WARRANT NONE	THROUGH THE  MN  CONTROL	INTERLOCKING.  HIGHWAY-RAIL CROSS  MOVEMENTS INVOLVED:	ING 3	21	\$ 941	1,645 40 MPH
	REQUIRED BY CARRIER RULE  11/16/90 7:23 AM MILT TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE SCH	S, BEFORE PROCEEDING  ONA  MAIN  3  TRACK WARRANT NONE	THROUGH THE  MN  CONTROL	INTERLOCKING.  HIGHWAY-RAIL CROSS  MOVEMENTS INVOLVED:	ING 3	21	\$ 941	1,645 40 MPH
	REQUIRED BY CARRIER RULE  11/16/90 7:23 AM MILT TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE SCH	S, BEFORE PROCEEDING  ONA  MAIN  3  TRACK WARRANT NONE	THROUGH THE  MN  CONTROL	INTERLOCKING.  HIGHWAY-RAIL CROSS  MOVEMENTS INVOLVED:	ING 3	21	\$ 941	1,645 40 MPH

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R CODE	DATE	TIME	CITY/STATION	ST	ATE	ACCIDENT TYPE	KILLED	INJURED	RR DAMAGE
CSX	11/16/90	10:00 PM	WOFFORD		KY	HIGHWAY-RAIL CRO	SSING 2	1	\$ 200
	TYPE OF 1	RACK:		MAIN					
	CLASS OF	TRACK:		3					
217	METHOD OF	OPERATION	l <b>:</b>	TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	E88	0 35 MPH
•	EQUIPMEN1	DERAILED:	1	NONE	-	•	•		
	CROSSING	PROTECTION	l						
	PROBABLE	CAUSE: TH	E MOTOR VEHI	CLE OPERATOR FAIL	ED TO Y	IELD THE RIGHT-OF-WAY	TO AN ONCOMING F	REIGHT TRAI	N AT A
	HIGHWAY-F	RAIL GRADE	CROSSING.						
						·			
PW		09:20 PM	DAYVILLE	2	СТ	DERAILMENT	0	0	\$ 541,500
	TYPE OF			MAIN					
	CLASS OF			3					
218		F OPERATION		MANUAL BLOCK		MOVEMENTS INVOLVED:	FREIGHT TRAIN	I NRW	10 40 MPH
•	EQUIPMEN.	T DERAILED:		3 LOCOMOTIVE(S) 9 CAR(S)		•		_	
	CROSSING	PROTECTION	1						
ı	PROBABLE	CAUSE: A	SWITCH WAS I	MPROPERLY ALIGNED	FOR A	DIVERTING MOVEMENT INT	O A SIDING. THE	LOCK TO TH	E SWITCH HAD
	BEEN VAN	DALIZED AND	REMOVED BY	A TRESPASSER.					

	DATE TIME CITY/STATIO						
AIS	11/18/90 06:00 PM MALCOM	1	A DERAILMENT	0	0	\$	815,500
	TYPE OF TRACK:	MAIN			1		
	CLASS OF TRACK:	3					
219	METHOD OF OPERATION:	TRACK WARRANT CONT	ROL MOVEMENTS INV	OLVED: FREIGHT TRA	IN	481	40 MPH
	EQUIPMENT DERAILED:	2 LOCOMOTIVE(S)					
		30 CAR(S)					
	HAZARDOUS MATERIALS RELEASED: CROSSING PROTECTION	YES	NUMBER EVACUATED:	18			
	PROBABLE CAUSE: BURNED OFF JO	URNAL DUE TO A FAILE	D ROLLER BEARING AT T	HE L-1 LOCATION ON L	OCOMOTIVE	IAIS 471	۱.
BN	11/18/90 03:40 PM FROMBERG	N	T HIGHWAY-RA	IL CROSSING 4	0	\$	0
	TYPE OF TRACK:	MAIN					
	CLASS OF TRACK:	4		•			
220	METHOD OF OPERATION:	TRACK WARRANT CONT	ROL MOVEMENTS INV	OLVED: FREIGHT TRA	.IN 19	<b>9515</b>	44 MPH
	EQUIPMENT DERAILED:	NONE		,			
	EQUIPMENT DERAILED: CROSSING PROTECTION PROBABLE CAUSE: THE MOTOR VEH HIGHWAY-GRADE CROSSING.	NONE	TO YIELD THE RIGHT-O	F-WAY TO AN ONCOMING	FREIGHT TI	RAIN AT	<i>A</i>
	CROSSING PROTECTION PROBABLE CAUSE: THE MOTOR VEH	NONE	TO YIELD THE RIGHT-O		FREIGHT TI	RAIN AT	<b>A</b>
	CROSSING PROTECTION PROBABLE CAUSE: THE MOTOR VEH	ICLE OPERATOR FAILED		F-WAY TO AN ONCOMING	·	RAIN AT	A
 BN	CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEH HIGHWAY-GRADE CROSSING.  CONTRIBUTING FACTORS: THE MOTO  11/25/90 02:15 AM CROOKSTON	ICLE OPERATOR FAILED R VEHICLE OPERATOR'S	BLOOD ALCOHOL LEVEL	F-WAY TO AN ONCOMING	·		A 500
 BN	CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEH HIGHWAY-GRADE CROSSING.  CONTRIBUTING FACTORS: THE MOTO  11/25/90 02:15 AM CROOKSTON TYPE OF TRACK:	ICLE OPERATOR FAILED R VEHICLE OPERATOR'S	BLOOD ALCOHOL LEVEL	F-WAY TO AN ONCOMING	CENT.		
	CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEH HIGHWAY-GRADE CROSSING.  CONTRIBUTING FACTORS: THE MOTO  11/25/90 02:15 AM CROOKSTON TYPE OF TRACK: CLASS OF TRACK:	ICLE OPERATOR FAILED  R VEHICLE OPERATOR'S  MAIN 3	BLOOD ALCOHOL LEVEL  HIGHWAY-RA	F-WAY TO AN ONCOMING MEASURED AT 0.11 PER IL CROSSING 3	CENT. 	\$	500
 вн 221	CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEH HIGHWAY-GRADE CROSSING.  CONTRIBUTING FACTORS: THE MOTO  11/25/90 02:15 AM CROOKSTON TYPE OF TRACK:	ICLE OPERATOR FAILED R VEHICLE OPERATOR'S	BLOOD ALCOHOL LEVEL  HIGHWAY-RA	F-WAY TO AN ONCOMING  MEASURED AT 0.11 PER  IL CROSSING 3  OLVED: FREIGHT TRA	CENT. 		
	CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEH HIGHWAY-GRADE CROSSING.  CONTRIBUTING FACTORS: THE MOTO  11/25/90 02:15 AM CROOKSTON TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION	ICLE OPERATOR FAILED R VEHICLE OPERATOR'S MAIN 3 TRACK WARRANT CONT	BLOOD ALCOHOL LEVEL IN HIGHWAY-RA	F-WAY TO AN ONCOMING MEASURED AT 0.11 PER IL CROSSING 3 OLVED: FREIGHT TRA	CENT. O	\$	500 0 MPH
	CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEH HIGHWAY-GRADE CROSSING.  CONTRIBUTING FACTORS: THE MOTO  11/25/90 02:15 AM CROOKSTON TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	ICLE OPERATOR FAILED R VEHICLE OPERATOR'S MAIN 3 TRACK WARRANT CONT	BLOOD ALCOHOL LEVEL IN HIGHWAY-RA	F-WAY TO AN ONCOMING MEASURED AT 0.11 PER IL CROSSING 3 OLVED: FREIGHT TRA	CENT. O	\$	500 0 MPH
	CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEH HIGHWAY-GRADE CROSSING.  CONTRIBUTING FACTORS: THE MOTO  11/25/90 02:15 AM CROOKSTON TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEH	ICLE OPERATOR FAILED R VEHICLE OPERATOR'S MAIN 3 TRACK WARRANT CONT	BLOOD ALCOHOL LEVEL IN HIGHWAY-RA	F-WAY TO AN ONCOMING MEASURED AT 0.11 PER IL CROSSING 3 OLVED: FREIGHT TRA	CENT. O IN O	\$	500 0 MPH
	CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEH HIGHWAY-GRADE CROSSING.  CONTRIBUTING FACTORS: THE MOTO  11/25/90 02:15 AM CROOKSTON TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEH	ICLE OPERATOR FAILED R VEHICLE OPERATOR'S MAIN 3 TRACK WARRANT CONT	BLOOD ALCOHOL LEVEL IN HIGHWAY-RA	F-WAY TO AN ONCOMING MEASURED AT 0.11 PER IL CROSSING 3 OLVED: FREIGHT TRA	CENT. O IN O	\$ 1897 HIGHWAY	500 0 MPH

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	DATE	TIME	CITY/STAT	ION	STATE	ACCIDENT TYPE	KILLED	INJURED	RR	DAMAGE
ATSF	11/26/90	08:45 A	M ESSEX	,	CA .	DERAILMENT	0	0	\$	770,662
	TYPE OF T	RACK:		MAIN						
	CLASS OF	TRACK:		5						
222	METHOD OF	OPERATIO	DN:	TRACK WARRAN AUTOMATIC BL		MOVEMENTS INVOLVED:	FREIGHT TRAIN WORK TRAIN	ADD WA		43 MPH O MPH
	EQUIPMENT	DERAILE	D: ,	25 CAR(S)						
	CROSSING	PROTECTIO	ON	* *	,			·		
	PROBABLE	CAUSE: 1	THE AIR DUM	P CAR ACTIVATED	WHEN THE AI	R LINE WAS CONNECTED. A	ND DUMPED RIPRA	P FROM THE	WRONG	SIDE OF
				P CAR ACTIVATED T BOUND TRAIN.	WHEN THE AI	R LINE WAS CONNECTED, A	AND DUMPED RIPRA	P FROM THE	WRONG	SIDE OF
					WHEN THE AI	R LINE WAS CONNECTED, A	AND DUMPED RIPRA	P FROM THE	WRONG	SIDE OF
					WHEN THE AI	R LINE WAS CONNECTED, A	AND DUMPED RIPRA	P FROM THE	WRONG	SIDE OF
					WHEN THE AI	R LINE WAS CONNECTED, A	AND DUMPED RIPRA	P FROM THE	WRONG	SIDE OF
	THE CAR C	ONTO THE I		T BOUND TRAIN.	WHEN THE AI	R LINE WAS CONNECTED, A		P FROM THE	WRONG	SIDE OF
CR	THE CAR C	ONTO THE !	PASSING WES	T BOUND TRAIN.						
CR	THE CAR C	ONTO THE I	PASSING WES	T BOUND TRAIN.						
CR 223	11/27/90 TYPE OF 1	04:27 PI TRACK:	PASSING WES	T BOUND TRAIN.	он			2	<b></b> \$	
	11/27/90 TYPE OF T	04:27 PI TRACK:	PASSING WES  M ALLIANCE	T BOUND TRAIN.  MAIN 4	он	HIGHWAY-RAIL CROS	 SSING	2	<b></b> \$	500

	DATE TIME CITY/STATIO	N STATE	ACCIDENT TYPE				
K/ SF	11/29/90 05:45 AM KLEINFELTE	R CA	OTHER	1	0	\$	0
	TYPE OF TRACK:	MAIN					
	CLASS OF TRACK:	4					
24	METHOD OF OPERATION:		MOVEMENTS INVOLVED:	PASSENGER TR	AIN	3	50 MPH
	EQUIPMENT DERAILED:	NONE					
	CROSSING PROTECTION						
,	PROBABLE CAUSE: PASSENGER APP	ARENTLY JUMPED FROM T	HE TRAIN FOR UNKNOWN REASON	s.			
TSF	12/01/90 12:30 AM BURLINGAME	KS	HIGHWAY-RAIL CROS	SING 2	0	\$	271
	TYPE OF TRACK:	MAIN		•			
	CLASS OF TRACK:	4					
	METHOD OF OPERATION:	TRAFFIC CONTROL	MOVEMENTS INVOLVED:	FREIGHT TRAIL	N	1326	55 MPH
25			110121121110 21110211201			,,,,,	<b>22</b> ,,
25	EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEH HIGHWAY-RAIL GRADE CROSSING:	NONE		O AN ONCOMING	FREIGHT		
25	EQUIPMENT DERAILED: CROSSING PROTECTION PROBABLE CAUSE: THE MOTOR VEH	NONE		O AN ONCOMING	FREIGHT		
	EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEH HIGHWAY-RAIL GRADE CROSSING.	NONE  ICLE OPERATOR FAILED	TO YIELD THE RIGHT-OF-WAY T	·	·	TRAIN AT	г а
 P ,	EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEH HIGHWAY-RAIL GRADE CROSSING.	NONE  ICLE OPERATOR FAILED  MC	TO YIELD THE RIGHT-OF-WAY T	·	FREIGHT		Г А
1P ,	EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEH HIGHWAY-RAIL GRADE CROSSING.  12/02/90 12:40 AM HOLDEN TYPE OF TRACK:	NONE  ICLE OPERATOR FAILED	TO YIELD THE RIGHT-OF-WAY T	·	·	TRAIN AT	г а
	EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEH HIGHWAY-RAIL GRADE CROSSING.	NONE  ICLE OPERATOR FAILED  MC  MAIN  4  TRACK WARRANT CONTR	TO YIELD THE RIGHT-OF-WAY TO YIELD THE RIGHT-OF-WAY TO THE RIGHT-O	SING 3	0	TRAIN AT	г а
<b></b> P ,	EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEH HIGHWAY-RAIL GRADE CROSSING.  12/02/90 12:40 AM HOLDEN TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:	NONE  ICLE OPERATOR FAILED  MC  MAIN  4  TRACK WARRANT CONTR  AUTOMATIC BLOCK  NONE	TO YIELD THE RIGHT-OF-WAY TO YIELD THE RIGHT-OF-WAY TO THE RIGHT-O	SING 3	0	TRAIN AT	Г А 900
 IP ,	EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEH HIGHWAY-RAIL GRADE CROSSING.  12/02/90 12:40 AM HOLDEN TYPE OF TRACK: CLASS OF TRACK:	NONE  ICLE OPERATOR FAILED  MC  MAIN  4  TRACK WARRANT CONTR	TO YIELD THE RIGHT-OF-WAY TO YIELD THE RIGHT-OF-WAY TO THE RIGHT-O	SING 3	0	TRAIN AT	Г А 900
 IP ,	EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEH HIGHWAY-RAIL GRADE CROSSING.  12/02/90 12:40 AM HOLDEN TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:  EQUIPMENT DERAILED: CROSSING PROTECTION	NONE  ICLE OPERATOR FAILED  MC  MAIN  4  TRACK WARRANT CONTR  AUTOMATIC BLOCK  NONE	TO YIELD THE RIGHT-OF-WAY TO YIELD THE RIGHT-OF-WAY TO HIGHWAY-RAIL CROS	SING 3 FREIGHT TRAI	O	TRAIN AT	900 52 MPH
 IP ,	EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEH HIGHWAY-RAIL GRADE CROSSING.  12/02/90 12:40 AM HOLDEN TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:  EQUIPMENT DERAILED:	NONE  ICLE OPERATOR FAILED  MC  MAIN  4  TRACK WARRANT CONTR  AUTOMATIC BLOCK  NONE	TO YIELD THE RIGHT-OF-WAY TO YIELD THE RIGHT-OF-WAY TO HIGHWAY-RAIL CROS	SING 3 FREIGHT TRAI	O	TRAIN AT	900 52 MPH
 IP ,	EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEH HIGHWAY-RAIL GRADE CROSSING.  12/02/90 12:40 AM HOLDEN TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATION:  EQUIPMENT DERAILED: CROSSING PROTECTION  PROBABLE CAUSE: THE MOTOR VEH	NONE  ICLE OPERATOR FAILED  MC  MAIN  4  TRACK WARRANT CONTR  AUTOMATIC BLOCK  NONE	TO YIELD THE RIGHT-OF-WAY TO YIELD THE RIGHT-OF-WAY TO HIGHWAY-RAIL CROS	SING 3 FREIGHT TRAI	O	TRAIN AT	900 52 MPH

CODE	DATE TIME	CITY/STATIO	`			. <b></b>			
MRL	12/03/90 07:10 P	1 THOMPSON I	ALLS	MT	DERAILMENT	0	0	\$	804,900
	TYPE OF TRACK:	•	MAIN						
	CLASS OF TRACK:		3						
227	METHOD OF OPERATIO	ON:	TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	OIG	15	35 MPH
	EQUIPMENT DERAILE	):	NONE						
	CROSSING PROTECTION	И							
			(DETAIL FRACTURE).						
SSW	12/05/90 08:15 AI		ING	LA	HIGHWAY-RAIL CROSS	ING 2	0	\$	0
	TYPE OF TRACK:		MAIN				•	•	
	CLASS OF TRACK:		. 5						
228	METHOD OF OPERATIO	DN:	TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	PBT	QX	40 MPH
	EQUIPMENT DERAILE	٠.	NONE						
			NONE						
	CROSSING PROTECTION PROBABLE CAUSE: HIGHWAY-RAIL GRAD	ON The motor ve	•	LED TO Y	YIELD THE RIGHT-OF-WAY TO	AN ONCOMING F	REIGHT TRA	IN AT	A
	PROBABLE CAUSE:	ON The motor ve	•	LED TO Y	YIELD THE RIGHT-OF-WAY TO	AN ONCOMING F	REIGHT TRA	IN AT	A
CCCL	PROBABLE CAUSE: HIGHWAY-RAIL GRAD	THE MOTOR VE	HICLE OPERATOR FAI	,			REIGHT TRA	IN AT	A0
CCCL	PROBABLE CAUSE: HIGHWAY-RAIL GRAD	THE MOTOR VE E CROSSING.	HICLE OPERATOR FAI		· 				
CCCL	PROBABLE CAUSE: HIGHWAY-RAIL GRAD	THE MOTOR VE E CROSSING.	HICLE OPERATOR FAI		HIGHWAY-RAIL CROSS				
 CCCL 229	PROBABLE CAUSE: HIGHWAY-RAIL GRAD	THE MOTOR VE E CROSSING.	HICLE OPERATOR FAI		HIGHWAY-RAIL CROSS	ING O	 0		
	PROBABLE CAUSE: HIGHWAY-RAIL GRAD	THE MOTOR VEI E CROSSING. M MIDDLETOW	HICLE OPERATOR FAI		HIGHWAY-RAIL CROSS	ING 0	 0	\$	0
	PROBABLE CAUSE: HIGHWAY-RAIL GRAD	THE MOTOR VEI E CROSSING.  M MIDDLETOW	HICLE OPERATOR FAI  N MAIN 1 YARD LIMITS		HIGHWAY-RAIL CROSS	ING 0	 0	\$	0
	PROBABLE CAUSE: HIGHWAY-RAIL GRADI  12/05/90 01:31 PI TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATI EQUIPMENT DERAILE CROSSING PROTECTION	THE MOTOR VEI E CROSSING.  M MIDDLETOWN  ON: O:	HICLE OPERATOR FAI  N MAIN 1 YARD LIMITS NONE	CT	HIGHWAY-RAIL CROSS	ING O FREIGHT TRAIN	0 W	\$	0 10 MPH
	PROBABLE CAUSE: HIGHWAY-RAIL GRAD  12/05/90 01:31 P TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATI EQUIPMENT DERAILE CROSSING PROTECTION	THE MOTOR VEI E CROSSING.  M MIDDLETOWN ON: O: ON	HICLE OPERATOR FAI  N MAIN 1 YARD LIMITS NONE	CT O YIELD	HIGHWAY-RAIL CROSS  MOVEMENTS INVOLVED:  THE RIGHT-OF-WAY TO A PA	ING O FREIGHT TRAIN	0 W	\$	0 10 MPH
	PROBABLE CAUSE: HIGHWAY-RAIL GRAD  12/05/90 01:31 P TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATI EQUIPMENT DERAILE CROSSING PROTECTION	THE MOTOR VEI E CROSSING.  M MIDDLETOWN ON: O: ON	HICLE OPERATOR FAI  N MAIN 1 YARD LIMITS NONE	CT O YIELD	HIGHWAY-RAIL CROSS  MOVEMENTS INVOLVED:  THE RIGHT-OF-WAY TO A PA	ING O FREIGHT TRAIN	0 W	\$	0 10 MPH
	PROBABLE CAUSE: HIGHWAY-RAIL GRAD  12/05/90 01:31 P TYPE OF TRACK: CLASS OF TRACK: METHOD OF OPERATI EQUIPMENT DERAILE CROSSING PROTECTION	THE MOTOR VEI E CROSSING.  M MIDDLETOWN ON: O: ON	HICLE OPERATOR FAI  N MAIN 1 YARD LIMITS NONE	CT O YIELD	HIGHWAY-RAIL CROSS  MOVEMENTS INVOLVED:  THE RIGHT-OF-WAY TO A PA	ING O FREIGHT TRAIN	0 W	\$	0 10 MPH

CODE	DATE T	IME	CITY/STATION	ST	ATE	ACCIDENT	TYPE	KILLED	INJURED	RI	R DAMAGE
SP	12/07/90	10:45 AM	MULDOON		TX	HIGHWAY	-RAIL CROS	SING 1	3	\$ 7	2,839,348
	TYPE OF TRA	ACK:	,	MAIN							
	CLASS OF TH	RACK:	•	· 4	r.	•		•			
230	METHOD OF (	OPERATION		AUTOMATIC BLOCK DIRECT TRAFFIC C		MOVEMENTS	INVOLVED:	FREIGHT TRAIN	l CI	łEGA	50 MPH
	EQUIPMENT	DERAILED:		4 LOCOMOTIVE(S) 23 CAR(S)							
	CROSSING PI	ROTECTION									
	PROBABLE CA		E DUMP TRUCK	DRIVÉR FAILED TO	YIELD TI	HE RIGHT-OF-	WAY TO AN	ONCOMING FREIGH	IT TRAIN A	AT A HI	GHWAY-RAIL
	,							4	•		
					,			•			
 SOU	12/09/90	 01:30 AM	NEW ORLEANS		 LA	DERAILM	ENT	 0	0	s	133,950
000	TYPE OF TRA		,	MAIN				•	•	•	,,,,,
	CLASS OF TI			4							
231	METHOD OF		•	TRAFFIC CONTROL		MOVEMENTS	INVOLVED:	FREIGHT TRAIN		314	20 MPH
	EQUIPMENT 1			8 CAR(S)		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,			
	CROSSING P			,					i		
				K ALIGNMENT DUE T			F THE OPEN	DECK TIMBER TR	ESTLE BR	IDGE.	
CR	12/09/90				ОН		ENT	0	0	\$	88,000
	TYPE OF TRA	ACK:	1	MAIN							
	CLASS OF TI	RACK:		2							
	1	OPERATION	:	TRAFFIC CONTROL		MOVEMENTS	INVOLVED:	FREIGHT TRAIN	]	TV5	24 MPH
232	: METHOD OF			F 040401						•	
232	EQUIPMENT			5 CAR(S)							

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R CODE	DATE	TIME	CITY/STATION	STA	ITE	ACCIDENT	TYPE	KILLED	r inju	RED	RR DAI	1AGE
SP	12/10/90	12:25 AM	FLATONIA		TX	HIGHWAY	-RAIL CROSS	ING 2	1	2	\$	0
	TYPE OF T	RACK:		MAIN								
	CLASS OF	TRACK:		4								
233	METHOD OF	OPERATION	:	TRAFFIC CONTROL		MOVEMENTS	INVOLVED:	FREIGHT TE	RAIN	NOCIM	3!	MPH
	EQUIPMENT	DERAILED:		NONE	•							
	CROSSING	PROTECTION										
		CAUSE: TH		CLE OPERATOR FAILE	D TO YIEL	LD THE RIGH	HT-OF-WAY TO	AN ONCOMIN	IG FREIGH	T TRAIN	I AT A	
						• .				•		
ATK	12/12/90	8:22 AM	BOSTON		MA	DERAIL	MENT	0	451		\$11,14	5,000
	TYPE OF 1	TRACK:		MAIN								
	CLASS OF	TRACK:		2								
234	METHOD OF	F OPERATION	l <b>:</b>	AUTO TRAIN CONTRO	)L	MOVEMENTS	INVOLVED:	PASSENGER	TRAIN	066	76	MPH
				AUTO TRAIN STOP				PASSENGER	TRAIN	906	05	MPH
			•	TRAFFIC CONTROL								
				CAB SIGNAL								
	EQUIPMENT	T DERAILED:	1	CAB SIGNAL 3 LOCOMOTIVE(S)								
	EQUIPMENT	T DERAILED:	:									

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CODE	DATE TIME	CITY/STATIO	N ST	ATE	ACCIDENT TYPE	K	ILLED	INJURED	RR	DAMAGE
ATK/ GTW	12/17/90 01:02 P	M CHARLOTTE		MI	HIGHWAY-RAIL	CROSSING	2	0	\$	14,715
	TYPE OF TRACK:		MAIN							
	CLASS OF TRACK:		4							
235	METHOD OF OPERATION EQUIPMENT DERAILE CROSSING PROTECTION	D:	AUTOMATIC BLOCK NONE	M	OVEMENTS INVOLV	ED: PASSE	NGER TRA	IN	64	65 MPH
	PROBABLE CAUSE: HIGHWAY-RAIL GRAD		ICLE OPERATOR FAIL	ED TO YIELD	THE RIGHT-OF-W	AY TO AN ON	COMING P	ASSENGER	TRAIN A	T A
BN	12/19/90 07:00 A			МО			0	0		136,000
TRRA	12/19/90 07:00 A	31. 10013		НО	DERATEMENT		Ü	Ü	•	130,000
T INITA	TYPE OF TRACK:		MAIN							
	CLASS OF TRACK:		2							
236		D:	TRAFFIC CONTROL 13 CAR(S)	M	OVEMENTS INVOLV	ED: FREIG	HT TRAIN		143	10 MPH
	PROBABLE CAUSE:		F (COMPRESSIVE) FOR		BY IMPROPER TR	AIN HANDLIN	G.			
ATK SP	12/21/90 10:52 A			CA	HIGHWAY-RAIL	CROSSING	4	0	\$	0
31	TYPE OF TRACK:		MAIN							
	CLASS OF TRACK:		4							
237	METHOD OF OPERATIO	ON:	AUTOMATIC BLOCK DIRECT TRAFFIC CO		OVEMENTS INVOLV	ED: PASSE	NGER TRA	IN	13	55 MPH
	EQUIPMENT DERAILE		NONE							

RR CODE	DATE T	IME	CITY/STATION	STATI	ACCIDE	NT TYPE	KILLED	INJURED	RR DAMAGE
MRL	12/22/90 ( TYPE OF TRA	ACK:		II MAIN 4	) HIGHW	AY-RAIL CROS	SING 3	0	\$ 300
238	METHOD OF ( EQUIPMENT I CROSSING PI	OPERATION DERAILED:		TRAFFIC CONTROL NONE	MOVEMENT	S INVOLVED:	FREIGHT TRAIN	MRL01	45 MPH
	PROBABLE CA			CLE OPERATOR FAILED	TO YIELD THE RI	GHT-OF-WAY TO	O AN ONCOMING (	FREIGHT TRAIN	AT A
BN	12/28/90 TYPE OF TR	ACK:	DIGGINS	MAIN 4	D HEAD-	END COLLISIO	N 0	8	\$ 423,400
239	METHOD OF		l <b>:</b>	TRAFFIC CONTROL	MOVEMENT	S INVOLVED:	FREIGHT TRAIS		
	EQUIPMENT			3 LOCOMOTIVE(S) 7 CAR(S)					
	CROSSING P			CREW ON BN TRAIN N	o. 17428 SOUTH T	O OPERATE TH	EIR TRAIN IN A	CCORDANCE WIT	H A STOP SIGNAL
	INDICATION	l <b>.</b>			•		;	`	•

RR CODE	DATE	TIME	CITY/STATION	,st	ATE	ACCIDENT	TYPE	KILLED	INJURE	D RR DAMAGE	<b>:</b>
NIRC ATK	12/31/90	02:00 PM	CHICAGO		IL	DERAILM	ENT	0	0	\$ 2,000,00	)0
	TYPE OF	RACK:	•	MAIN							
	CLASS OF	TRACK:	•	1							
240	METHOD OI	OPERATION	V:	TRAFFIC CONTROL INTERLOCKING		MOVEMENTS	INVOLVED:	PASSENGER	TRAIN	410 30 MP	'H
	EQUIPMENT	DERAILED:	:	3 LOCOMOTIVE(S) 4 CAR(S)							
	CROSSING	PROTECTION	٧								

U.S. Department of Transportation

## Federal Railroad Administration

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