

Federal Railroad Administration Office of Safety Headquarters Assigned Accident Investigation Report HQ-2007-59

Northern Indiana Commuter Transportation District (NICD) Michigan City, Indiana October 13, 2007

Note that 49 U.S.C. §20903 provides that no part of an accident or incident report made by the Secretary of Transportation/Federal Railroad Administration under 49 U.S.C. §20902 may be used in a civil action for damages resulting from a matter mentioned in the report.

FEDERAL RAILF					FRA FA	ACTUA	L RAI	LRO	AD AC	CCID	ENT :	REPOR	Γ	I	FRA Fi	ile#	HQ-200	7-59	
1.Name of Railroad (Operating	Train #1						1a. A	Inhabetic	Code			1b.	Railroad A	cciden	t/Inci	dent No.		
Northern Indiana Commuter Transportation District									1a. Alphabetic Code NICD					N0700027					
2.Name of Railroad C N/A	Operating	Train #2						N/A					2b. I	b. Railroad Accident/Incident No. N/A					
3.Name of Railroad O N/A	Operating	g Train #3						3a. Alphabetic Code N/A					3b.	b. Railroad Accident/Incident No. N/A					
A.Name of Railroad Responsible for Track Maintenance: Northern Indiana Commuter Transportation District									1				4b.	Railroad A			dent No.		
U.S. DOT_AAR Grade Crossing Identification Number								NICD 6. Date of Accident/Incident					7. 7	N0700027 7. Time of Accident/Incident					
								Mont	th 10	Day	13	Year 2007		09:08:00 AM PM					
8. Type of Accident/I	ndicent	1. Deraili	nent		4. Side c	ollision		7. H	Iwy-rail c	rossing	10	. Explosion	-deton	ation 13.	Other	., .		С	Code
(single entry in co	de box)	2. Head o				g collision			R grade c	_	-				ture (describe in narrative)			I	04
9. Cars Carrying		3. Rear er			6. Broke	n Train co	llision Cars Rele)bstruction	n T	12. Peo	. Other imp	acts		13. Div	ricion			
HAZMAT	0	Damaged			N/A		ZMAT	asing	N/A Evacuated								SYSTEM		
14. Nearest City/Tow	n					15. Mile	epost earest tei	nth)		16. Stat	e Abbi	r Code	17	. County					
	MICH	IIGAN CIT				<u> </u>	3:	2.2			N/A	IN				POR	TE		
18. Temperature (F) (specify if minus)	`	19. Visib	oility Dawn	(sing	le entry)	Code		eather Clear	(single 3. Rai		Sleet	Code		21. Typ	e of Tra ain 3.		200	(Code
(specify if finitios)	F		Day	4.D		2		Cloud			.Snow	2	!		ard 4.				1
22. Track Name/Nu	mber					23. FRA	Track s (1-9, X)		ode	24. Annual Track Density (gross tons in				25. Time Table Direction 1. North 3. East				C	Code
		SING	LE MA	IN TI	RACK	Cius			2 millions) 0.50			0	2. South 4. West 4				4		
									IG TRA										
26. Type of Equipme Consist (single er		 Freight tra Passenger 				Yard/swi Light loc	_	A. S	pec. MoV	V Equip	o. Code		Equip ided?	ment (Code	28.	Frain Nun	iber/S	Symbol
Collsist (siligle el		_			of cars 9	_					3	1.	Yes	2. No 1 NICD 504					
29. Speed (recorded					Method(s)				code(s) t	hat ap	ply)			31a. Rem	otely C	ontro	lled Loco	motiv	ve?
R - Recorded					ATCS		. Automa		JCK	•	ial instr			0 = Not a		-			
E - Estimated	14	MPH	R	1	Auto train		. Current	of traf	шс			nain track		1 = Remo		-			
30. Trailing Tons		onnage,		d.	Auto traii Cab	j.	stop i. Time table/train orders o. Positive train control j.Track warrant control p. Other (Specify in narrativ k. Direct traffic control Code(s)					tive)	2 = Remote control tower 3 = Remote control transmitter - more than one						
	ı	N/A			Traffic Interlocking		Yard lim		control	1		N/A N/A	N/A	remote				ı	0
32. Principal Car/Uni	t	a. Initial	and Nur			on in Trair	1 c. L	.oaded	(ves/no)	l		employee(ed for drug	/alcoho	al nee			
(1) First involved		NI	CD 12			1		ye:	<u> </u>	e	nter the	number that opriate box.	-		,	F	Alcohol	D	Drugs
(derailed, struck, 6 (2) Causing (if med	chanica	1										s consist tra	acnort	ina neccan	gare? C	V/ND	00		00
cause reported)		0			0	- F-1	N/A	A	34.	was uns	s consist trai	· T -	-1-1	gers? (Y
35. Locomotive Uni	ts	a. Head End	b. Man	Mid T ual	rain c. Remote	d. Manua	note	36. Cars a. 1			a. F		reight b. Pass. c. Fre		Emp ight	d. Pass.	e. Ca	aboose	
(1) Total in Train	n	1	0)	0	0	0	((1) Total i	in Equi	pment C	Consist	0	3	()	0		0
(2) Total Deraile		0	0		0	0	0	((2) Total l	Deraile	d		0	0	()	0		0
37. Equipment Dama This Consist	_	\$100,000.00	、 I		ck, Signal, V	•	\$0.00		39. Prima	ry Caus	se			40. Cont	ributing	g Cau			
This Consist	'	Number	1 6		cture Dama	ge			Code H607 Code Length of Time on Duty						N	V/A			
41. Engineer/	42. Fir				nductors	44. Bra	kemen	-	45 Engin	neer/On	erator	Len	501 01	46. Con	•				
Operators 1	12.11	0			1		1	45. Engineer/Operator Hrs 2 Mi 50)	Hrs 2 Mi 50					
Casualties to:	47. Rail:	road Emplo	yees 48	3. Trai	n Passenger			50. EOT Device?						51. Was EOT Device Properly Armed?					
Fatal		0			0		0	1. Yes 2. No 2					1. Yes 2. No N/A						
Nonfatal						0	52. Caboose Occupied by Crew?					Io 2							
rtomatar		-			0			TNG	TD 4111	1. Y	es	2	. No						
50 m 27 :	. 1	Freight tra	in '	1 W.	rk train 7.	Yard/swit			TRAIN		~ :	E4 337	F		1	.			
53. Type of Equipme Consist (single en	ntry) 2.	Passenger	train 5	5. Sing	gle car 8.	Light loce	_	A. S _I	pec. MoW	V Equip	. Code	54. Was Atter		ment C	ode	55. T	Train Num		ymbol
		Commuter				Maint./in	•				6	1.	Yes		1		N/		
56. Speed (recorded	speed, if	available)	Code	1	Method(s) of ATCS	•	,		code(s) t	-				58a. Rem	-			motiv	/e?
R - Recorded E - Estimated	0	MPH	E	1	ATCS Auto train	_	. Automa . Current			-	ial instr r than m	uctions nain track		0 = Not a $1 = Rem$					

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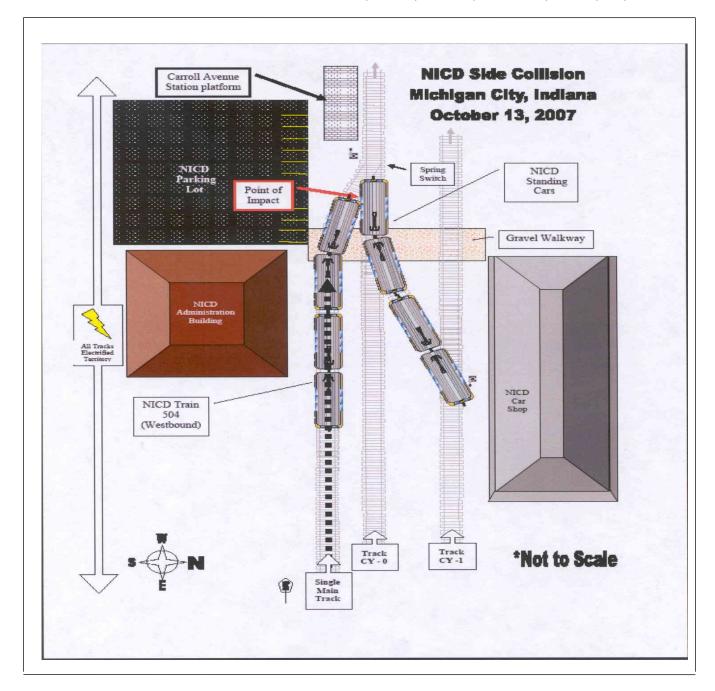
DEPARTMENT FEDERAL RAILF					FRA FA	ACTUAL	L RAILR	OAD AC	CIDENT REF	ORT	F	RA File #	HQ-200	<u>7-59</u>	
57. Trailing Tons (gross tonnage, excluding power units)					Auto train Cab Traffic Interlocking	j.T k.	Γime table/tr rack warran Direct traffic rard limits	t control I	o. Positive train como o. Other (Specify in Code(s)	rol narrative) N/A N/A	2 = Remo 3 = Remo transmit remote c	0			
59. Principal Car/Un	it	a. Initial	and N	umber	b. Posit	ion in Train	c. Load	ed(yes/no)	60. If railroad em	ployee(s) tes	ted for dru	g/alcohol u	se,		
(1) First involved (derailed, struck,	etc)	NI	CD22	:		1		yes	enter the num the appropria		e positive in Alcohol N/A			Drugs N/A	
(2) Causing (if me	chanica	1							61. Was this con	sist transport	ing passen	gers? (Y/N)		
cause reported	i)		0			0	1	N/A			Y				
62. Locomotive Uni	its	a. Head End	b. Ma	Mid Ti anual	rain c. Remote		Rear End . Manual c. Remote			a. Freight	b. Pass.	Em c. Freight	d. Pass.	e. Caboose	
(1) Total in Trai	n	1		0	0	0	0	(1) Total in Equipment Consist		t 0	30	0	0	0	
(2) Total Deraile	ed	1		0	0	0	0	(2) Total D	(2) Total Derailed		0	0	0	0	
64. Equipment Damage				65. Trac	ack, Signal, Way,			66. Primar	y Cause			ributing Ca	use		
This Consist \$200,000.00 Number of Co				ructure Dai	nage	\$0.00	Code		H607 Length of	Code Time on D	outy		N/A		
68. Engineer/	69. Fire	emen	Т	70. Co	70. Conductors		71. Brakemen		eer/Operator			73. Conductor			
Operators 1		0			1		0	_	-	¶i 8		Hrs	2	Mi 8	
Casualties to:	74. Railr	oad Emplo	yees ?	75. Traii	n Passenge	rs 76. Oth	er	77. EOT Device?		_	78. Was EOT Devi				
Fatal		0			0		0		es 2. No	2	1.	Yes	2. No	N/A	
Nonfatal		0	-		1			79. Caboo	ose Occupied by Cre			N/A			
romatar		0			1	01	OPERATIN		1. Yes	2. No	N				
80. Type of Equipme	nt 1	Freight tra	in	4. Wor	k train 7	Yard/switc				Was Equipr	nent Co	ode 82.	Train Nun	nber/Symbol	
Consist (single en	try) 2.	Passenger Commuter	train	5. Sing	le car 8.	Light loco(Maint./insp	(s).	Speel 113 W	N/A	Attended?	1.00	J/A	N/A	·	
83. Speed (recorded						of Operation		r code(s) th	nat apply)	1. 105		otely Contr	olled Loco	motive?	
R - Recorded					ATCS	•	Automatic b	HOCK	n.Special instruction	I	0 = Not a	remotely c	ontrolled		
E - Estimated	N/A	MPH	0				Current of to	rame	. Other than main to			ote control j			
84. Trailing Tons	(gross ton	ınage,			Auto traii Cab		l'ime table/ti 'rack warran		o. Positive train con o. Other (Specify in			te control to te control	ower		
excluding powe	r units)				Cab Traffic	,	Direct traffi		Code(s)	narranvoj		ter - more t	han one		
		N/A		f. 1	Interlocking	g 1.Y	ard limits	-	N/A N/A N/A	N/A N/A	remote c	ontrol trans	smitter	N/A	
86. Principal Car/Un	it	a. Initial	and N	umber	b. Posit	ion in Train	c. Load	ed(yes/no)	87. If railroad emp	loyee(s) test	ed for drug	g/alcohol us	se,		
(1) First involved			0			0		N/A	enter the num		e positive i	n [Alcohol	Drugs	
(derailed, struck, (2) Causing (if me		1					+		the appropria		N/A ing passengers? (Y/N)			N/A	
cause reported		1	0			0		N/A	oo. was this con		IV/A				
89. Locomotive Uni	its	a. Head End	b. Ma	Mid Tranual 1	rain c. Remote		r End c. Remote	90. Cars		a. Freight	b. Pass.	c. Freight	pty d. Pass.	e. Caboose	
(1) Total in Trai	n	0		0	0	0	0	(1) Total in	Equipment Consis	0	0	0	0	0	
(2) Total Deraile	ed	0		0	0	0	0	(2) Total D	Perailed	0	0	0	0	0	
91. Equipment Dam	age			92. Trac	ck, Signal,	Way,	!	93. Primar	y Cause Code	<u>'</u>	94. Contr	ributing Ca	use		
This Consist		\$0.00			ucture Dan	nage	\$0.00			N/A	Code			N/A	
			r of Cı	ew Mer						Length of					
95. Engineer/ Operators 0	96. Fire	emen 0		97. Co	onductors 0	98. Bral	kemen 0	_	eer/Operator Hrs 0 M	1i 0	100. Cor	nductor Hrs	0	Mi 0	
Casualties to:	101. Rai	lroad Emp	loyees	102. 7	Гrain	103. Otl	her	104. EOT			105. Was	s EOT Dev	ice Proper	ly	
Fatal		0			0		0	1. Y		N/A	1. Yes 2. No N/A				
Nonfatal		0			0		0	106. Cabo	oose Occupied by Ci	ew? 2. No				N/A	
	I	Highw	ay Us	er Invo	lved				Rail	Equipmen	t Involve	d			
107.			, 55				Code	111. Equip		-7				Code	
C. Truck-T A. Auto D. Pick-U	Frailer. 1	F. Bus			Motor Veh	icle	Code		3.Traii	(standing)	6.Light	Loco(s) (m	noving)	Code	
B. Truck E. Van					strian r (spec. in i	narrative)	N/A	1.Train(units pulling) 4.Car(s) (moving) 7.Light(s) (standing) 2.Train(units pushing) 5.Car(s) (standing) 8.Other (specify in narrative) N/A							
108. Vehicle Speed			109.		geograph		Code		on of Car Unit in						
(est. MPH at in	npact)	N/A	1.Nor	th 2.So	uth 3.East		N/A	I			0				

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	ENT OF TRAI RAILROAD AI			FRAF	FACTU.	AL RAILR	OAD AC	CIDEN	ΓRE	EPORT	F	RA File # <u>HQ-200</u>	7-59
110. Position						Code	113. Circu	mstance					Code
1.Stalled o 4. Trapped	on Crossing 2.Sto	opped o	n Crossing	3.Moving Ov	er Crossin	g N/A				Highway User by Highway User			N/A
114a. Was the	e highway user a	nd/or ra	il equipmen	involved		Code	114b W	as there a ha	zardo	ous materials releas	ce.		Code
in the im	in the impact transporting hazardous materials?												1
1. Highway User 2. Rail Equipment 3. Both 4. Neither N/A 1. Highway User 2. Rail Equipment 3. Both 4. Neither											N/A		
114c. State he	ere the name and	quantit	y of the haza	rdous materia	als release	d, if any. N/A							
115. Type	1.Gates	4.W	ig Wags	7.Cros	ssbucks	10.Flagged by	crew	116. Signal	ed Cr	ossing	Code	117. Whistle	Code
Crossing 2.Cantilever FLS 5.Hwy. traffic signals 8.Stop signs 11.Other (spec. in narr.) (See instructions for codes) 1. Yes Warning 3.Standard FLS 6.Audible 9.Watchman 12.None 2. No													
Code(s)	N/A 1	N/A	N/A	N/A	N/A	N/A	N/A				N/A	3. Unknown	N/A
118. Location of Warning Code 119. Crossing Warning 1. Both Sides with Highway Signals									Code 120. Crossing Illuminated by Street Lights or Special Lights				
2. Side of Vehicle Approach 1. Yes								1. Yes					
3. Opposite Side of Vehicle Approach N/A						2. No 3. Unknown			N/A 2. No 3. Unknown				N/A
121.	122. Driver's G	ender	Code 123			or in Front of	Code		Code				
Age	1. Male					ck by Second		1. Drove around or thru the Gate 4. Stopped on Crossin 2. Stopped and then Proceeded 5. Other (specify in					
0	2. Female		N/A	1. Yes	2. No	3. Unknowi	n N/A				cu .	narrative)	N/A
125. Driver Pa		Cod	e 126. Vie	w of Track O	bscured b	y (primary ob	struction)						Code
Highway V		NT/		Permanent Str			ng Train 5.				•	narrative)	L NY/A
1. Yes 2. No	3. Unknown	N/A	2. 5	tanding Railr		ment 4. Topo	graphy 6.						N/A Code
Casualties	to:		Killed	Injured	1	ed 2.Injured 3.		27/4				e Vehicle? 2. No	N/A
129. Highway-Rail Crossing Users 0 0						ghway Vehicle t. dollar damaş		Property Damage 0 131. Total Number of Highway-Rail (include driver)					ing Users
132. Locomot	ive Auxiliary Lig	ghts?				Code	133. Locoi	notive Auxi	liary	Lights Operationa	1?		Code
1. Yes 2. No						N/A	1. Yes 2. No						N/A
134. Locomot	ive Headlight Ill	uminate	ed?			Code	135. Locoi	notive Audi	ble W	Varning Sounded?			Code
1. Y	es	2. 1	No			N/A	1.	Yes		2. No			N/A

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136. DRAW A SKETCH OF ACCIDENT AREA INCLUDING ALL TRACKS, SIGNALS, SWITCHES, STRUCTURES, OBJECTS, ETC., INVOLVED.



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137. SYNOPSIS OF THE ACCIDENT

On October 13, 2007, at 9:08 a.m. c.d.t., Northern Indiana Commuter Transportation District (NICD) commuter Train 504 (Train 504), operating west on the single main track at milepost 32.2 collided with the side of a standing set of extra equipment that was fouling the main track. This equipment was preloading passengers, and was to be added to the westbound Train 504, after its arrival at Carroll Avenue Station. The accident occurred in Michigan City, Indiana, on NICD, an electrified commuter system.

At the time of the accident it was cloudy, with a temperature of 60 °F.

There were no injuries to train crew members, but four passengers reported injuries. The accident caused the leading control car of the extra equipment to derail and sustain about \$200,000 in damages. The lead control car on Train 504 sustained about \$100,000 in damages.

The accident was caused by the engineer and conductor of Train 504 when they failed to comply with restricted speed in non signaled territory at milepost 32.2, resulting in a collision with standing extra equipment.

138. NARRATIVE

CIRCUMSTANCES PRIOR TO THE ACCIDENT

The crew of Train 504 included a locomotive engineer, conductor, and a collector. They first went on duty at 6:15 a.m., on October 13, 2007, at Carroll Avenue Yard (Shops) in Michigan City, the home terminal for the crew. Prior to reporting for duty, each crew member received the required statutory off-duty period. This crew operates Train No. 705 (Train 705) east to South Bend, Indiana, before returning west as Train 504.

Prior to departing Michigan City, the train crew had a job briefing discussing their timetable authority to proceed east to South Bend, Indiana, as NICD Train 705. A Class I air brake test was completed by mechanical department employees.

After arrival at South Bend, Train 705's locomotive engineer changed leading ends and prepared for the trip west as Train 504. The train crew had a job briefing and discussed their timetable authority to operate Train 504 west to Chicago, Illinois. The train crew on Train 504 performed a Class II air brake test prior to departure and at 8:40 a.m., left South Bend on schedule with a total of four cars.

Train 504 consisted of a lead control car, NICD 12, and three loaded commuter cars, NICD 207, 44, and 107. The train was 340 feet long, and was scheduled to operate from South Bend to Chicago.

At about 9:06 a.m., the conductor of Train 504 copied a "train order" near block station Davis. The instructions on this train order directed Train 504 to "meet" with eastbound NICD Train 505 at Sheridan, and an eastbound extra train at Tamarack. As Train 504 approached the accident area, the locomotive engineer was seated at the controls on the north side of the control car, NICD 12. The conductor was standing in the middle of the control compartment of the control car, and the collector was located near the east end of the third car, NICD 44. The conductor said she was busy writing car numbers for cars located in the yard that the "add" crew, was to couple to Train 504.

The method of operation is timetable instruction and yard limit operating rule. In this area of the railroad, the

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single main track goes through a turn out to an adjacent track, and runs through Shops Yard. The railroad timetable and geographic directions are west; geographic directions are used throughout this report. The main track is non-signal territory beginning at milepost 31.75 and ending at milepost 32.4. The last westbound block signal (before entering non-signaled territory) is located at milepost 31.4.

THE ACCIDENT

TRAIN NICD 504:

Train 504 was operating west at a recorded speed of 17 mph approaching the accident area; the maximum authorized speed is restricted speed, not to exceed 20 mph. Prior to the arrival of Train 504, the terminal carman called via the radio to attach to Train 504 for the purpose of making an addition of four commuter cars to Train 504 at the Carroll Avenue Station.

The conductor and locomotive engineer called out clear train order signal and clear block signal in the control compartment as they approached Shops. This block signal is located west of where the equipment to be added fouled the main track. The locomotive engineer noticed a ticket collector, standing near the main track at the gravel walkway just east of Carroll Avenue Station and placed the train in emergency. The locomotive engineer looked back to see if the collector had been struck by the train. When the engineer turned to look westward again, it was identified the extra equipment was in the foul. The engineer braced for impact as Train 504 struck the extra equipment causing the lead car of the extra equipment, NICD 22, to derail.

No crew members of Train 504 were injured; however, one passenger on the extra equipment immediately reported an injury. An ambulance was dispatched to the scene and transported the injured passenger for treatment.

TERMINAL CARMAN, EXTRA EQUIPMENT:

The terminal carmen on the extra equipment made up a four car set of equipment to add to the rear of Train 504, and performed a Class 1 air brake test on the equipment. At 9 a.m. they requested permission from the dispatcher to foul the single main track at Shops for the purpose of preloading passengers on the extra equipment. The equipment was stopped foul of the main track at Shops. After hearing Train 504 request train orders from the dispatcher, the certified mechanical engineer of the extra equipment called the crew of Train 504. The engineer on the extra equipment attached1. to Train 504 for the purpose of assisting in adding the additional equipment at the Carroll Avenue Station. The conductor of the extra equipment took a position at the east end of the equipment to provide point protection for a subsequent shove eastward.

The locomotive engineer of the extra equipment is a mechanical department employee that is qualified to operate equipment on the main track. The extra equipment engineer observed Train 504 approaching on the main track and identified that the approaching train was not stopping. The extra equipment engineer attempted to signal the engineer of Train 504 by hand to stop but was unsuccessful. The engineer of the extra equipment jumped from the north side of the lead car as Train 504 struck the standing extra equipment. The conductor, also noting Train 504 was not going to stop, proceeded to run eastward to get clear of the impending impact.

The collision caused the lead, or west truck, of the extra equipment, NICD 22, to derail. It also caused a severe rip on the south side of the car from the center door to the head end. In addition the collision damaged the control car on Train 504.

ANALYSIS AND CONCLUSIONS:

ANALYSIS - TOXICOLOGICAL TESTING:

NICD transported the train crew members of Train 504 to La Porte Hospital, in La Port, Indiana for FRA post accident toxicological testing. The crew of the extra equipment did not undergo toxicological testing under FRA or company authority.

CONCLUSION:

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Results for all employees tested in connection with this accident were negative.

ANALYSIS - LOCOMOTIVE SAFETY DEVICES:

The lead control car of Train 504 was NICD 12, and was equipped with a headlight, auxiliary lights, and an audible warning device as required by Federal regulation. According to the locomotive engineer, these devices were functioning as intended prior to the accident. Additionally, NICD 12 was equipped with an operating speed indicator and event recorder. NICD's Mechanical Department downloaded the event recorder data from, NICD 12, and the analysis of the data showed Train 504 traveling at 15.88 mph when a emergency air brake application occurred. The analysis further showed Train 504 operating at 14.12 mph when it collided with the extra equipment. FRA reviewed the results of this analysis and concurred with the findings of NICD.

CONCLUSION:

The locomotive safety devices of Train 504 were in compliance with Federal regulations.

ANALYSIS - LOCOMOTIVE ENGINEER OPERATING PERFORMANCE:

The locomotive engineer of Train 504, was a certified locomotive engineer who possessed a valid certification card at the time of the accident. The locomotive engineer was first promoted to locomotive engineer in 2003. The locomotive engineer had operated over the territory where the accident occurred on numerous occasions. The locomotive engineer, distracted by the ticket collector near the main track, did not observe the equipment in the foul of the main track, and failed to control the speed of the equipment to enable Train 504 to stop before striking the standing equipment.

ANALYSIS:

CONDUCTOR AND TICKET COLLECTOR:

The conductor of Train 504 entered service for NICD in 1995, and was promoted to the position of conductor in 1996. The conductor was familiar with the territory of the accident site and qualified on the operating rules of the railroad. The conductor failed to notice the extra equipment in the foul of the main track and took no action to inform the locomotive engineer or to stop Train 504 before striking the standing equipment.

The collector entered service for NICD in 1978. The collector was familiar with the territory operated and qualified on the operating rules of the railroad. The collector was not in a position to observe the equipment fouling the main track at Shops.

CONCLUSION:

The Engineer and Conductor of NICD Train 504 failed to comply with restricted speed, which caused the side collision with the extra equipment. NICD removed the locomotive engineer and the conductor from service pending a formal hearing and the locomotive engineer's certification was suspended. NICD later terminated from service the conductor and engineer.

ANALYSIS: FATIGUE

FRA obtained fatigue related information, including a 10-day work history, for all of the employees involved in this incident.

CONCLUSION:

FRA concluded that fatigue was not probable for any of these employees.

OVERALL CONCLUSION:

The accident was caused by the engineer and conductor of Train 504 when they failed to comply with restricted speed in non signaled territory at milepost 32.2, resulting in a collision with standing extra

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DEPARTMENT OF TRANSPORTATION FEDERAL RAILROAD ADMINISTRATION

FRA FACTUAL RAILROAD ACCIDENT REPORT

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equipment.

1. 49 CFR §218.22 requires an employee of the railroad, when becoming a temporary member of a train crew, to assign themselves to that train crew and perform work as if they were originally called to work with that crew. Attaching is the act of notifying the designated member of the train crew that there will be a temporary member working with that crew.

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