

DCA11FR002  
Collision - BNSF  
Red Oak, Iowa  
April 17, 2011

Signal Awareness Form  
Struck Train BNSF 9470

# SIGNAL AWARENESS FORM

## CRESTON SUB

SIGNAL & DETECTOR LOCATION		SIGNAL NAME	SPEED	TIME	30 MPH	SIGNAL & DETECTOR LOCATION		SIGNAL NAME	SPEED	TIME	30 MPH
(A) MP 0.35	HALL	DA	10	0305		(DED) MP 8.6	RECALL 177	N/D			
(A) CP 595	(MTI ONLY)					MP 6.8 / 6.7		C			
(A) 59.1	(EB Only)	DC	15	0313		(A) 5.0	PLATTSMOUTH	C			
(A) CP 589	BAIRD	AM	16	0314		(DED) MP 3.4	EXCEPTION				
(A) CP 568		C				MP 3.4 / 3.5		C			
(A) CP 535	HAVELOCK	C				MP 1.6 / 1.5		C			
MP 52.0 / 52.1		C				(DED) MP 0.3	RECALL 178	N/D			
MP 50.6 / 50.7		C				(A) 0.2/475.2	W. PACIFIC JCT.	C			
(A) 49.1	W. WAVERLY	C				(A) 473.7	E. PACIFIC JCT.	C			
(A) 47.6	E. WAVERLY	C				MP 472.4 / 472.3		C			
MP 45.3 / 45.2		C				(DED) MP 471.7	EXCEPTION				
MP 43.3 / 43.4		C				MP 470.1 / 470.2		C			
(A) CP 411	XOVER	C				(A) 467.9	BALFOUR	AM	38	0510	
(TWD) MP 39.0	RECALL 187	N/D	142			(A) CP 4664		C			
MP 38.7 / 38.6		C				(DED) MP 466.4	EXCEPTION				
(A) CP 364		C				MP 464.5 / 464.4		C			
(A) 35.2	ASHLAND	C				MP 462.1 / 462.0		C			
(A) 34.6 (MTI) E. WYE	ASHLAND					(TWD) MP 461.9	RECALL 197	N/D	142		
MP 32.9 / 32.8		C				MP 460.1 / 460.2		C			
(DED) MP 32.8						(A) CP 4580	HASTINGS	C			
(A) CP 311		C				(DED) MP 457	EXCEPTION				
MP 29.1		C				MP 455.7 / 455.8		A	30	0529	
(DED) MP 27.2	EXCEPTION					(A) CP 4535	XOVER	A	14	0533	0602
(A) CP 273	SOUTH BEND	C				(DED) MP 450.3	EXCEPTION				
(A) 24.5	W. LOUISVILLE	C				MP 450.3 / 450.4		R	12	0609	0621
(A) 23.0	E. LOUISVILLE	C				(A) 447.5	MCPHERSON	S			
MP 21.1 / 21.0		C				MP 445.7					
(DED) MP 21.1	EXCEPTION					(TWD) MP 445.2	RECALL 198				
(A) CP 189		C				(A) 443.3	RED OAK				
MP 17.5/17.6		AM	50	412		(DED) MP 441.4	EXCEPTION				
(TWD) MP 16.0	RECALL 188	N/D	142			MP 441.1					
MP 15.8		A	37	045	10	MP 439.0					
(A) CP 139	CULLOM	S	20	0449	0453	(A) CP 4367					
MP 11.5 / 11.6		C				(DED) MP 436.7	EXCEPTION				
(A) 9.3	W. WYE OREAPOLIS	C				MP 433.9 / 433.8					
(A) 9.0	UP XING	C				MP 431.6 / 431.5					
(A) 8.6 (WB ONLY)	OREAPOLIS										

DATE 4/17/11

ENGINEER RE MARLIN

SYMBOL U BRGR/1516

CONDUCTOR CO PATZ

SIGNATURE

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SIGNAL & DETECTOR LOCATION	SIGNAL NAME	SPEED	TIME	30 MPH	SIGNAL & DETECTOR LOCATION	SIGNAL NAME	SPEED	TIME	30 MPH
(DED) MP 431.5	EXCEPTION				(A) CP 4089	XOVER			
i) CP 4289	VILLISCA				(A) CP 4057	PRESCOTT			
(DED) MP 426.5	EXCEPTION				(DED) MP 405	EXCEPTION			
i) CP 4255	XOVER				MP 403.1 / 403.2				
i) MP 422.2	NODAWAY				MP 400.5 / 400.4				
(TWD) MP 421.5	RECALL 128				(TWD) MP 398.9	RECALL 118			
MP 419.7 / 419.6					MP 397.9 / 397.8				
MP 417.1 / 417.0					(A) CP 3952				
(DED) MP 415.6	EXCEPTION				(DED) MP 394	EXCEPTION			
MP 414.5 / 414.4					(A) MP 393.5	NEW YORK AVE			
i) CP 4120					MP 391.7				
(DED) MP 410	EXCEPTION								

TRACK FLAG LOCATION	FLAG NAME	SPEED	TIME	TRACK FLAG LOCATION	FLAG NAME	SPEED	TIME
34.1	Y	40	0345				
30.0		42	0353				
25.5		45	0402				
13.4		35	0424				
11.0		25	0439				
7.0		42	0447				

**SIGNAL NAME (ABBREVIATION):** (C) Clear, (AM) Approach Medium, (AP) Approach, (S) Stop, (DC) Diverging Clear, (DAM) Diverging Approach Medium, (DA) Diverging Approach, (AA) Advance Approach, (AR) Approach Restricting, (R) Restricting, (SAP) Stop and Proceed

**ABBREVIATIONS:** (A) Absolute Signal, (DED) Dragging Equipment Detector, (TWC) Trackside Warning Detector

**SPEED:** Record Speed in this column when lead locomotive passes block signals (except clear), and track flags (except Green).

**TIME:** Record time lead locomotives passes block signals (except clear) and track flags (except Green).

**TRACK FLAG NAME AND LOCATION:** (GF) Green Flag, (YF) Yellow Flag, (YRF) Yellow Red Flag, (RF) Red Flag, (NF) No Flag

This Form is intended to be used as a tool to promote awareness and the safe operation of trains

Location of Signals are approximate.