

INSPECTION REPORT

Inspector's Name Brown, Thomas M		Inspector's Signature		Inspector's ID No. [REDACTED]	Report No. 30	Date yy mm dd 2017 03 11		
Railroad/Company Name & Address UNION PACIFIC RR CO. 700 North Cadwell Eagle Grove IA 50533				R/C R RR/Co. Code UP	Division SYSTEM Subdivision ESTHERVILLE	RR/Co. Representative (Receipt Acknowledged) Name Dave Deurloo Title MTM Email Signature _____		

From: City GRAETTINGER	Codes 3320	Destination City & County		Codes	From Latitude
State IA	19	City			From Longitude
County PALO ALTO	C147	County			To Latitude
Mile Post: From 0056.35	To 0057.10	Inspection Point			To Longitude
Activity Code:	MTW	RWP			
Units:	1	1			
Sub Units:	0	1			

Item	Initials/Milepost	Equipment/Track #	Type/Kind	49 CFR/USC	Defect	Subrule	Speed	Class	Train #/Site	SNFR*	RCL**	# of Occ.***	Activity Code
1	0056.98		M	213	0109	B2	30	3		N	N	1	MTW

Description
CROSSTIES NOT EFFECTIVELY DISTRIBUTED TO SUPPORT A 39-FOOT SEGMENT OF TRACK. - 6 in a row defective, with plate cutting and tight gage (56 1/16")

Seal Applied	Seal Removed	Hazard Class	UN/NA ID
Violation Recommended <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Latitude:		Longitude:
Written Notification to FRA of Remedial Action is: <input type="checkbox"/> Required <input checked="" type="checkbox"/> Optional	Railroad Action Code	Date(mm/dd/yyyy):	Comments on back?

Item	Initials/Milepost	Equipment/Track #	Type/Kind	49 CFR/USC	Defect	Subrule	Speed	Class	Train #/Site	SNFR*	RCL**	# of Occ.***	Activity Code
2	0056.95		M	213	0109	B4	30	3		N	N	1	MTW

Description
FAILURE TO MAINTAIN THE MINIMUM NUMBER OF CROSSTIES PER FRA TRACK CLASS FOR EACH 39-FOOT SEGMENT OF TRACK AS INDICATED IN TABLE IN THIS SECTION. - Only 7 effective ties in 39' causing 7/8" profile and tight gage (56 1/8")

Seal Applied	Seal Removed	Hazard Class	UN/NA ID
Violation Recommended <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Latitude:		Longitude:
Written Notification to FRA of Remedial Action is: <input type="checkbox"/> Required <input checked="" type="checkbox"/> Optional	Railroad Action Code	Date(mm/dd/yyyy):	Comments on back?

Source Code C	File Number HQ-2017-1194	ID's of Accompanying Inspector(s) [REDACTED]
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INSPECTION REPORT

(Continuation)

Inspector's ID No. █	Report No. 30	Report Date 3/11/2017
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Item	Initials/Milepost	Equipment/Track #	Type/Kind	49 CFR/USC	Defect	Subrule	Speed	Class	Train #/Site	SNFR*	RCL**	# of Occ.***	Activity Code
3	0056.94		M	213	0123	B	30	3		N	N	1	MTW

Description
OBJECT BETWEEN BASE OF RAIL AND THE BEARING SURFACE OF THE TIE PLATE CAUSING CONCENTRATED LOAD. - spike under gage side, north rail.

Seal Applied	Seal Removed	Hazard Class	UN/NA ID
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Violation Recommended <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Latitude:	Longitude:
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Written Notification to FRA of Remedial Action is: <input type="checkbox"/> Required <input checked="" type="checkbox"/> Optional	Railroad Action Code	Date(mm/dd/yyyy):	Comments on back?
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Item	Initials/Milepost	Equipment/Track #	Type/Kind	49 CFR/USC	Defect	Subrule	Speed	Class	Train #/Site	SNFR*	RCL**	# of Occ.***	Activity Code
4	0056.94		M	213	0109	B2	30	3		N	N	1	MTW

Description
CROSSTIES NOT EFFECTIVELY DISTRIBUTED TO SUPPORT A 39-FOOT SEGMENT OF TRACK. - 4 in a row defective, causing 3/4" profile.

Seal Applied	Seal Removed	Hazard Class	UN/NA ID
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Violation Recommended <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Latitude:	Longitude:
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Item	Initials/Milepost	Equipment/Track #	Type/Kind	49 CFR/USC	Defect	Subrule	Speed	Class	Train #/Site	SNFR*	RCL**	# of Occ.***	Activity Code
5	0056.62		M	213	0109	B2	30	3		N	N	1	MTW

Description
CROSSTIES NOT EFFECTIVELY DISTRIBUTED TO SUPPORT A 39-FOOT SEGMENT OF TRACK. - 4 in a row defective, causing 3/4" profile, just west of curve on tangent.

Seal Applied	Seal Removed	Hazard Class	UN/NA ID
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Violation Recommended <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Latitude:	Longitude:
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Inspector's ID No. [REDACTED]	Report No. 30	Report Date 3/11/2017
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Item	Initials/Milepost	Equipment/Track #	Type/Kind	49 CFR/USC	Defect	Subrule	Speed	Class	Train #/Site	SNFR*	RCL**	# of Occ.***	Activity Code
6	0056.58		M	213	0109	B2	30	3		N	N	1	MTW

Description
CROSSTIES NOT EFFECTIVELY DISTRIBUTED TO SUPPORT A 39-FOOT SEGMENT OF TRACK. - 4 in a row defective, causing 1 1/4" profile and 57 1/8" gage at west end of curve.

Seal Applied	Seal Removed	Hazard Class	UN/NA ID
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Violation Recommended <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Latitude:	Longitude:
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Item	Initials/Milepost	Equipment/Track #	Type/Kind	49 CFR/USC	Defect	Subrule	Speed	Class	Train #/Site	SNFR*	RCL**	# of Occ.***	Activity Code
7	0056.50		M	213	0127	A2	30	3		N	N	1	MTW

Description
INSUFFICIENT FASTENERS IN A TRACK SEGMENT. - 8 ties in a row with either no spikes or raised spikes causing 2" profile on south rail and 2 1/4" profile on north rail.

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Violation Recommended <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Latitude:	Longitude:
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Item	Initials/Milepost	Equipment/Track #	Type/Kind	49 CFR/USC	Defect	Subrule	Speed	Class	Train #/Site	SNFR*	RCL**	# of Occ.***	Activity Code
8										N	N	0	

Description - [Comment to Railroad/Company **]**
This walking inspection found the overall surface condition to be fair, with one location at the limit for uniform profile as noted in line No. 7 of this report. Periodic gage measurements were taken on both tangent and the curve east of the derailment with no issues found, and only one location measuring over 57-inches as noted in line No. 6 of this report. There are no rail joints in this portion and anchoring was good with no longitudinal movement noticed in either direction. At MP 56.40 measurements were taken for uniform profile off both ends of a similar type bridge to Jack Creek, with 1-inch being the largest deviation on the east end of the north rail. Overall tie condition on the portion walked is poor.

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