

DOTX221 Geometry Car

AUTOMATED TRACK INSPECTION PROGRAM

Track Assessment Report

Pittsburgh, PA (MP 328.1) to Cumberland, MD
Railroad: CSX TRANSPORTATION

Prepared for:
United States Department of Transportation
Federal Railroad Administration
Office of Safety
Washington, D.C.

Prepared by:
ENSCO, Inc.
5400 Port Royal Rd
Springfield, VA 22151

NOTES

An Automated Track Inspection Program (ATIP) Track Assessment Report (TAR) is generated for each segment of Remote Track Geometry Measurement operations.

TARs are distributed via email, to a list of recipients designated by FRA and railroad management, when communication with the remote system allows.

The TAR may consist of five (5) parts;

1. Cover,
2. Notes,
3. Exception List,
4. Curve Analysis,
5. Exception Summary section.

Track measurement sample frequency is once per foot.

Exceptions may not be reported for Alignment and Profile parameters when ATIP car speed is less than fifteen (15) and five (5) miles per hour, respectively.

Exception List symbols/notes:

* Federal Track Safety Standard Advisory

+ Maximum curve speed is limited at qualified cant deficiency. However, actual cant deficiency does not exceed 1-inch grace allowed under 49CFR 213.57(b).

The following fields are irrelevant for Limited Speed:

Limited Class (LC); Posted Class (PC).

All Exception Parameter values are reported in inches, except for the following:

- Limiting Speed (Vmax) expressed in: MPH

For Alignment exceptions; Negative (-) values indicate rail shifting to the right and Positive (+) values indicate rail shifting to the left, referencing direction of ATIP car travel during testing.

A complete description of the information provided in the TAR is available at <https://www.fra.dot.gov/eLib/Details/L04545>

Remote Track Geometry Measurement exceptions are available for review, one (1) week after testing, at: https://tdms.ensco.com/tdms_lite

Exception Report
Exception List Section

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Run Date: 05/05/2017
Run ID: 2017050505B

Pittsburgh, PA (MP 328.1) to Cumberland, MD

MP	FT	Parameter	Value	Length	Speed	TSC	LC	PC	Track	Latitude	Longitude
256	439	Gage Narrow	55.88	8	39	C	0	3	2	39.903928	-79.474577

Notes:

* Federal Track Safety Standard Advisory

+ Maximum curve speed is limited at qualified cant deficiency.

However, actual cant deficiency does not exceed 1-inch grace allowed under 49 CFR 213.57(b).

Exception Report
Exception Summary Section

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MP	FT	Wide Gage			Tight Gage		Alignment			Crosslevel			Rockoff			Profile			Run Off			Warp			Twist-31			Lmt Spd	Lim	Pst	Trk			
		Exc	FT	Drop	Exc	FT	Exc	FT	Drop	Exc	FT	Drop	Exc	FT	Drop	Exc	FT	Drop	Exc	FT	Drop	Exc	FT	Drop	Exc	FT	Drop	Exc						
256		-	-	-	1	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	3	2
		-	-	-	1	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Total Miles: 85.29
Exceptions per 100 Miles: 1.17
CY15 National Average Exceptions per 100 miles: 9.9