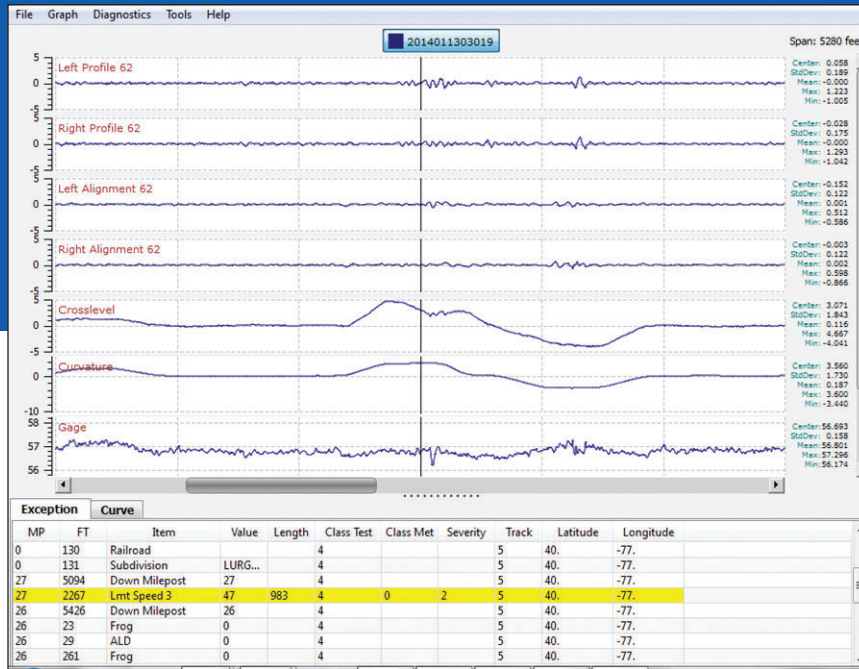
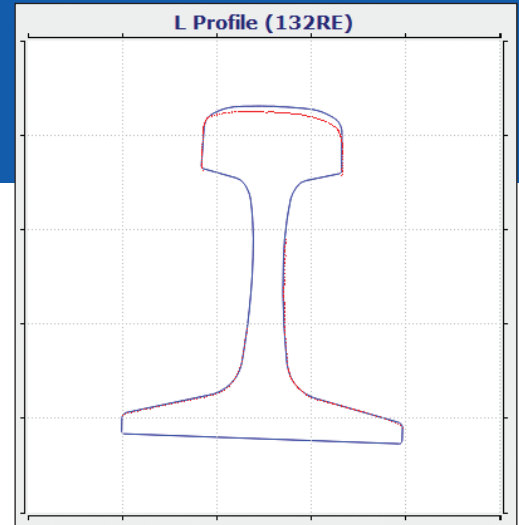


# GeoEdit 8

Manage your track measurement data effectively



GeoEdit 8 main screen

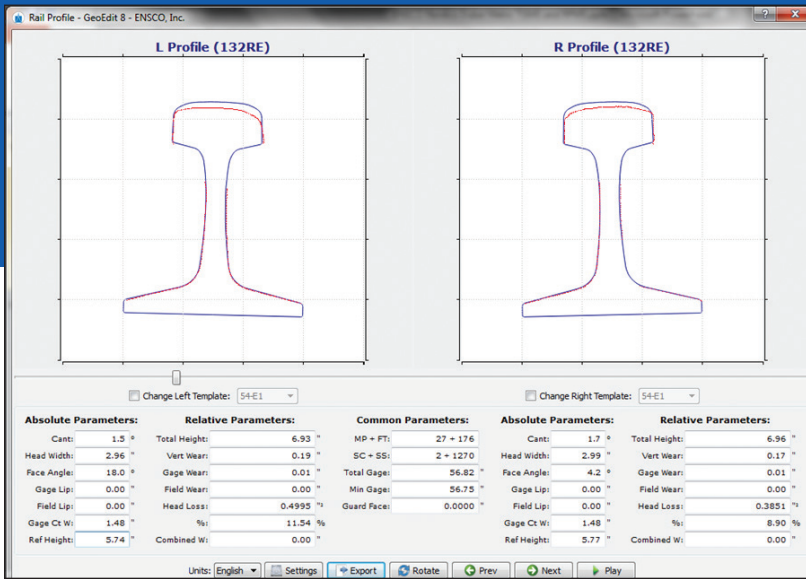


GeoEdit 8 Rail Profile viewing

**G**eoEdit 8 is a Windows-based Track Measurement Data Management program. It can be used to view data, generate reports, assist in maintenance management planning, and exporting data for a range of efforts. It provides for quick access to exception, curve and graphical data in a concise and user-friendly format.

## Benefits

- Supports track geometry, rail profile, ride quality, DGRMS, third rail, and corrugation
- Overlay multiple track measurement survey files
- Plot the difference between channels from different files
- Generate and print reports and plots
- Reverse the direction of the data to accommodate comparison of separate surveys
- Prepare continuous track geometry and rail profile data for vehicle/track interaction modeling
- Export data to various formats, including CSV, VAMPIRE®, and MiniProf
- Use in real-time mode with ENSCO's RSL-TGMS hi-rail track geometry measurement system
- Better insight and understanding of your data
- Accurate annotation
- Cost efficiency of a "paperless" environment



Rail Profile View

Exception		Curve									
MP	FT	Item	Value	Length	Class Test	Class Met	Severity	Track	Latitude	Longitude	
25	5284	Up Milepost	25		4			5	40.	-77.	
25	4766	Frog	0		4			5	40.	-77.	
25	4774	ALD	0		4			5	40.	-77.	
25	4866	Frog	0		4			5	40.	-77.	
25	4877	ALD	0		4			5	40.	-77.	
25	4971	Frog	0		4			5	40.	-77.	
25	4978	ALD	0		4			5	40.	-77.	
26	5207	Up Milepost	26		4			5	40.	-77.	
26	13	ALD	0		4			5	40.	-77.	
26	2232	Crosslevel	-1.58	15	4	3	1	5	40.	-77.	
26	2247	Limt Speed 3	45	952	4	0	1	5	40.	-77.	
26	8348	AI CBL Zero to Peak*	1.62	1	0	0	0	5	40.	-77.	

Exception List

Page 1 of 1  
2015-9-22  
Run ID: 2014011304

Curve Analysis Section  
Milepost 24 to Milepost 26

Elevation plus(+) = L Rail High, minus(-) = R Rail High  
Curvature plus(+) = Curve to Right, minus(-) = Curve to Left

Track	Starting		Ending		Len	Spd	Average		Speed	Limiting Point		Total	Limiting Speed at:										
	MP	FT	MP	FT			Curve	Elev		Curve	Elev		Grp	3"	4"	5"	6"	7"	8"	9"			
	0.3786	0.4566	11111				-2/31	-2.62	50	56	0.4170	-2/34	-2.66		56	61	65	69	73	77	80		
	24	4732	25	440	12433		1/00	1.03	50	71	25	260	1/06	0.94		72	80	88	95	102	108	114	
	25	2246	25	3601	20411		2/59	3.57	50	54	25	2644	3/05	3.42		54	59	62	66	69	73	76	
	25	4300	25	5157	11413		-3/00	-3.94	50	62	25	4657	-3/31	-3.81		53	56	60	63	66	69	72	
	26	982	26	2093	13422		3/22	3.77	50	53	26	1737	3/21	3.55		53	57	60	64	67	70	73	
	26	2247	26	3189	12303		-3/00	-3.58	50	45	26	2533	-3/32	-2.06	225	1	45	49	53	57	60	64	67
	26	4538	26	5367	11310		-2/00	-1.25	50	53	26	4802	-2/04	-1.11		53	58	65	70	75	79	84	
	26	5367	26	5722	2411		0/00	-0.64	50	102	26	5436	0/00	-0.82		103	116	128	138	148	157	166	
	26	5722	26	6707	12421		-2/57	-2.53	50	51	26	6182	-3/00	-2.48		51	56	60	64	67	71	74	
	26	7823	26	8845	13043		1/57	1.40	50	54	26	8445	2/06	1.30		54	60	65	70	75	80	84	

Curve List Report

Users

- Track supervisors
- Division engineers
- Track engineers
- Maintenance managers
- Track analysts
- Vehicle dynamicists

Requirements

Microsoft Windows® 7, 8, or 10; 8 GB RAM, 60 MB hard drive space

Features

Exception List

- Scrollable listings of recorded events and calculated exceptions
- Click on defect list to display on strip chart

Strip Chart Viewing

- Customizable display of multiple track measurement channels
- Click to view rail profile at associated track geometry location
- Synchronized with exceptions and curve lists
- Strip chart measuring tool

Rail Profile Viewing

- Display of absolute and relative parameters including cant and wear parameters
- Pan and zoom utilities on rail profile plots
- Slider bar and play button to rapidly view rail profiles throughout survey

Exports

- PDF reports for exceptions, curve analysis, strip charts, and rail profiles.
- Export continuous track geometry to CSV and VAMPIRE® formats over selectable ranges
- Export rail profiles to MiniProf format



800-ENSCO-VA  
rail@ensco.com  
www.enscorail.com

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