

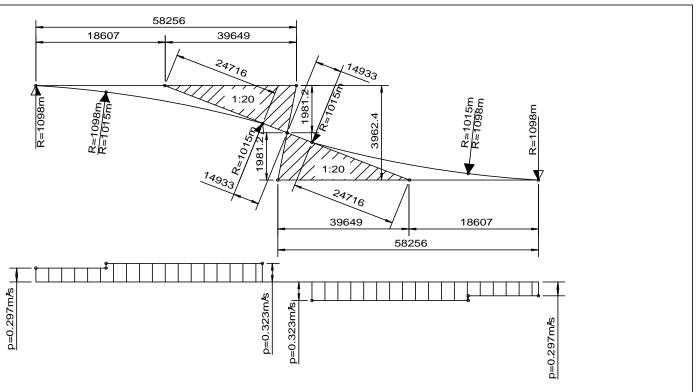
Low Impact Special Trackwork Designs

January 12, 2009 Gary Click



REMA Standard Geometry





Speed in the deviation: v=65 km/h (40 mph) Length of standard waggon: 12.34 m Distance from beginning of turnout to the theor.point: L=47562 mm Pull in jerk: ψ R1 = 0.414 m/s³, ψ R2 = 0.449 m/s³

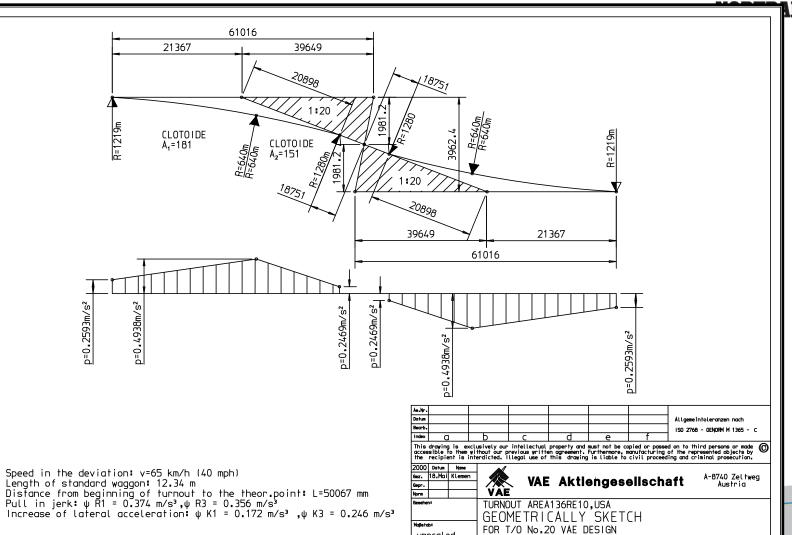
Ae.Nr.									
Datum							Allgemeintole	ranzen nach	
Bearb.							ISO 2768 - OF	NORM M 1365G	
Index	а	b c	d	e f	1				
acces	drawing is exc ssible to them vecipient is inter	vithout our pre	vious written a	greement. Fur	thermore, mar	or passed on to nufacturing of th ling and crimin	ne represe n	persons or made on ted objects by all prosecution.	
	VAE Aktiengesellschaft Austria								
Geseh M 8 sta		_ GE	OME	_	ALLY	SKE	_		
unscaled			FOR AREA STANDARD T/O PLAN NO.920-51 Partname: 757E2867.PRT						
Hiezu Z.Nr. =			0WG-E2867	-		000	_	A3	
Ersatz fuer									

ouble Clothoid



Formati Å3 Verfilmungi

E2866



unscaled

Hiezu Z.Nr. -

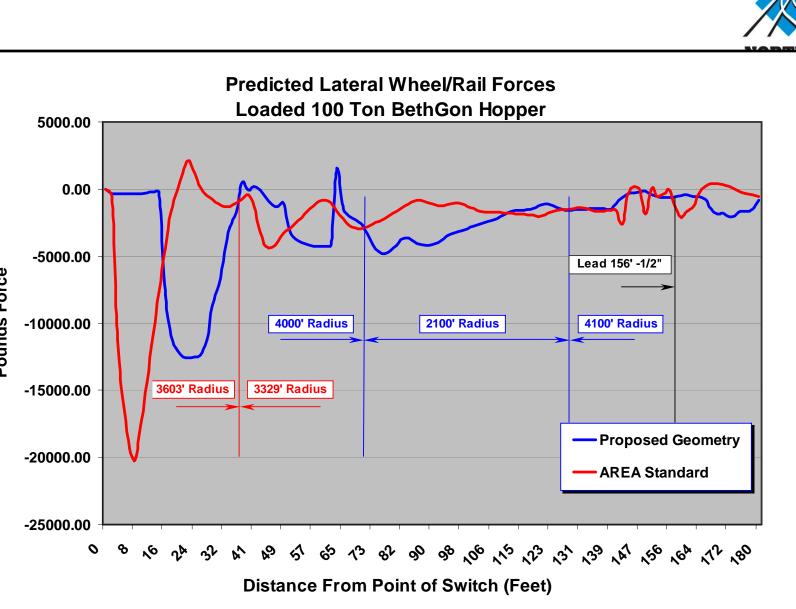
Eragtz fuer

Partname# 758E2866.PRT

Drawing: DWG-E2866

Layouti IDRAWING

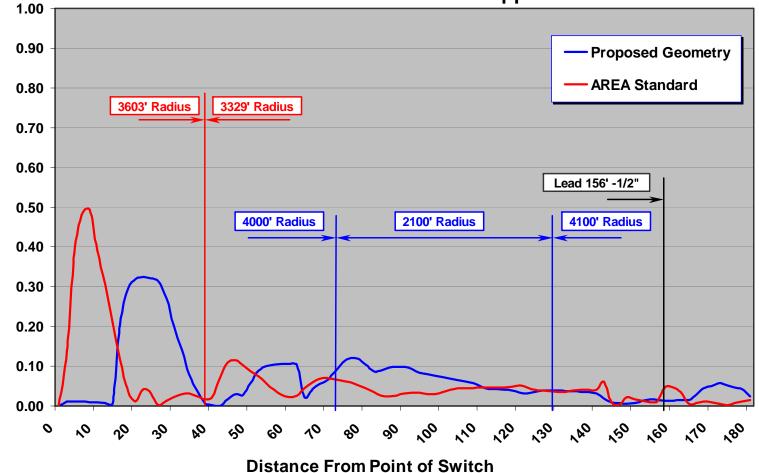
edicted Lateral Wheel / Rail Forces



/ Ratios

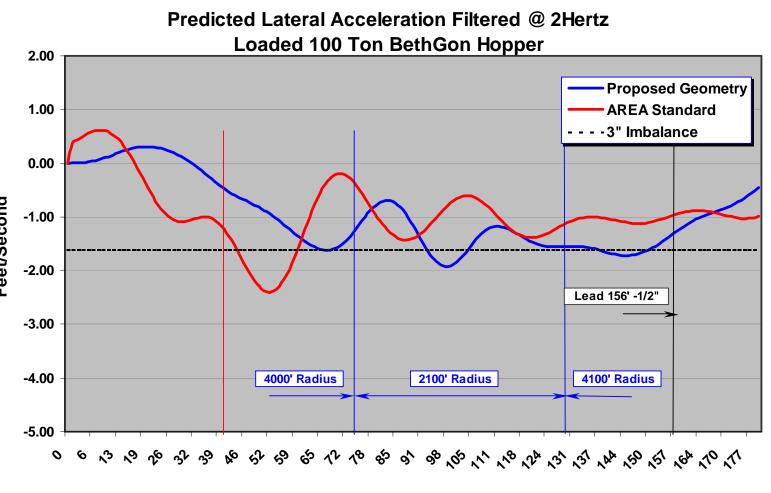






teral Acceleration





Distance From Point of Switch (Feet)

ash Butt Welded Special Trackwork

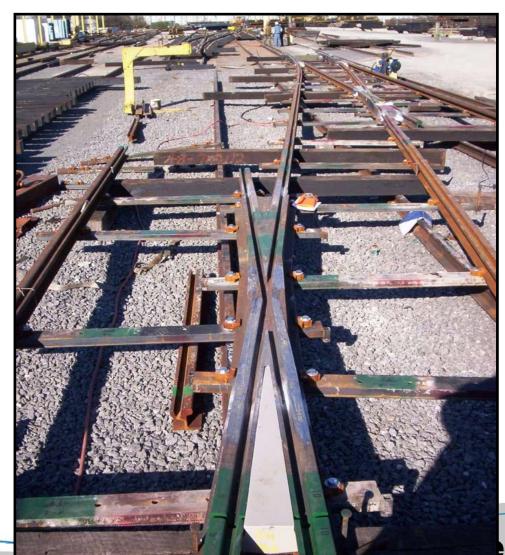


og Rail Joints Eliminated by Flash-butt Welding



elded Manganese Girder Rail Frog





stalpine

elded Manganese Switch Bed





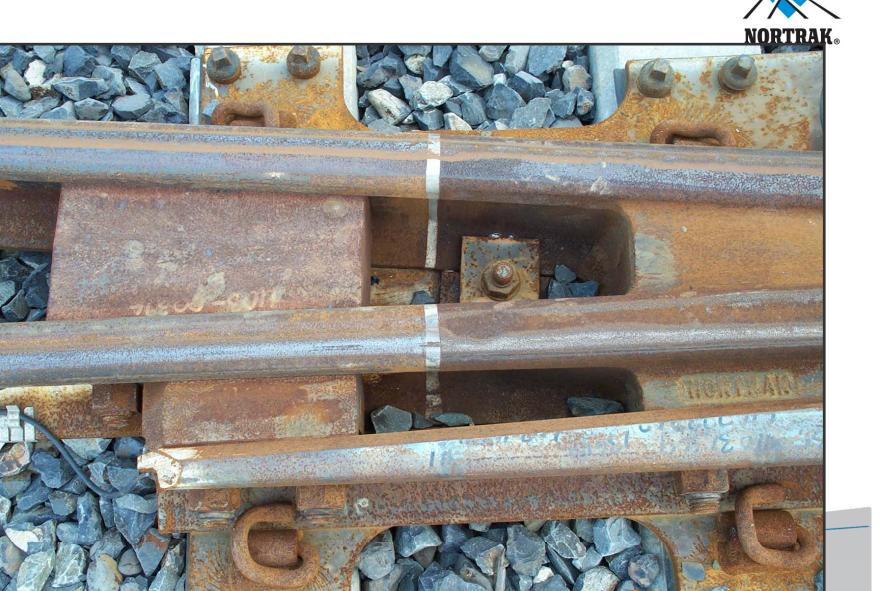
elded Manganese Switch Bed





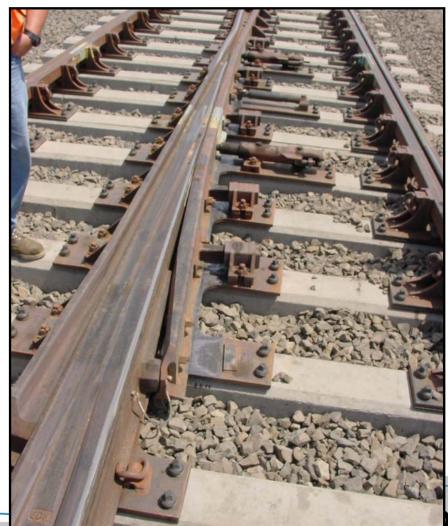
voestalpine

elded Manganese Spring Frog



elded Manganese Spring Frog





estalpine

elded Manganese Spring Frog



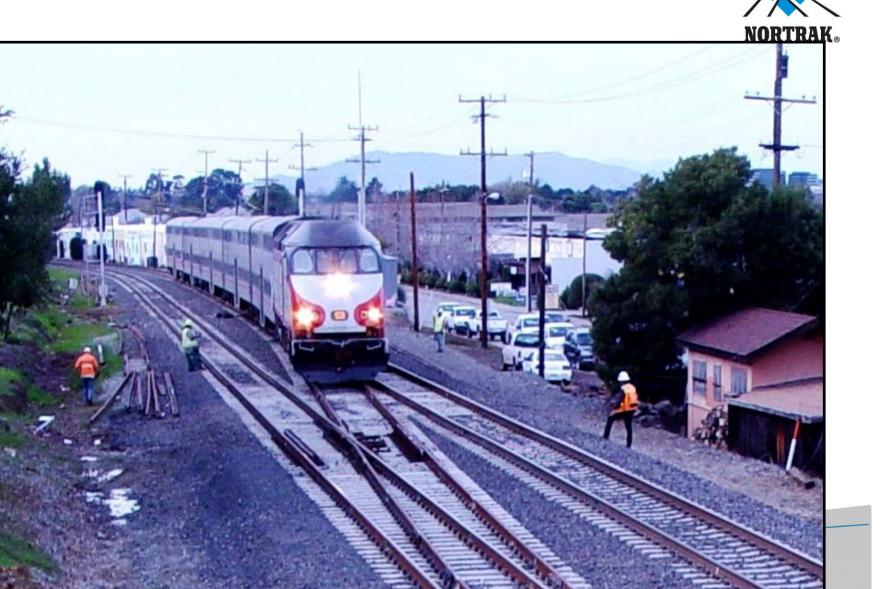


roestalpine

elded Manganese Spring Frog (CP Geneva CalTrain)

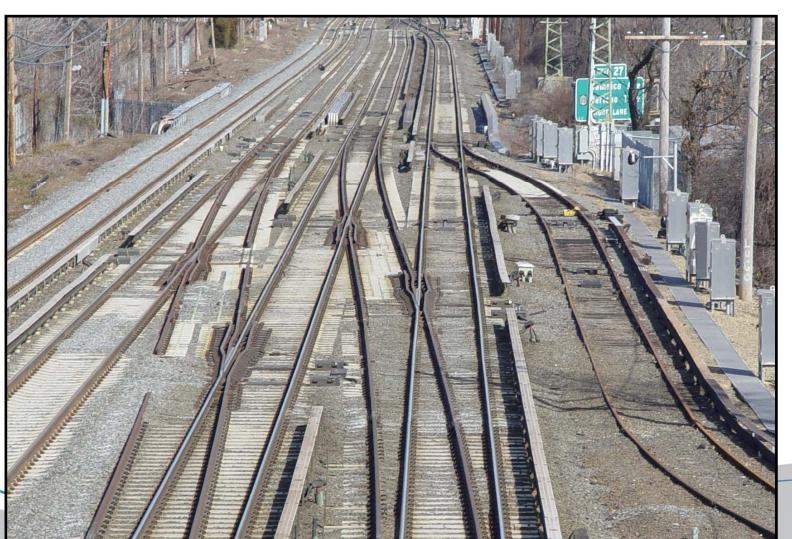


elded Manganese Spring Frog (CP Ralston CalTrain)



veable Point Frogs



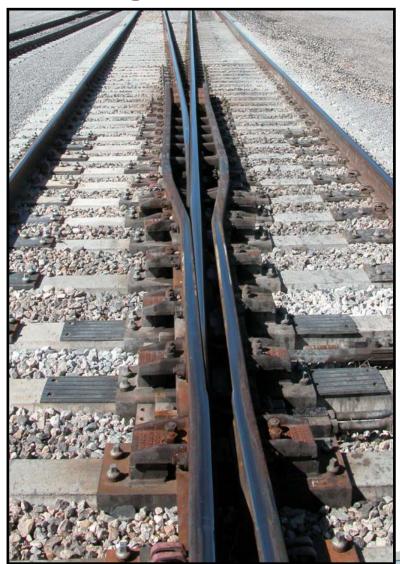


veable Point Frogs



VOESLAIDINE

4 Moveable Point Frog

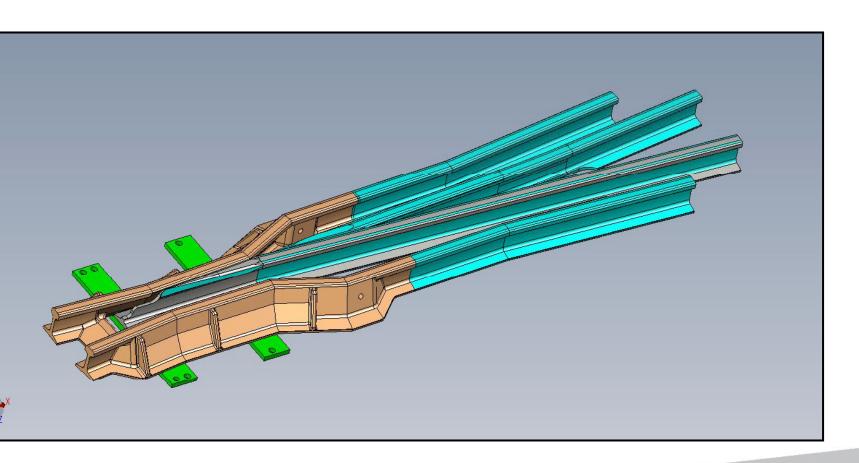




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Moveable Point Frog

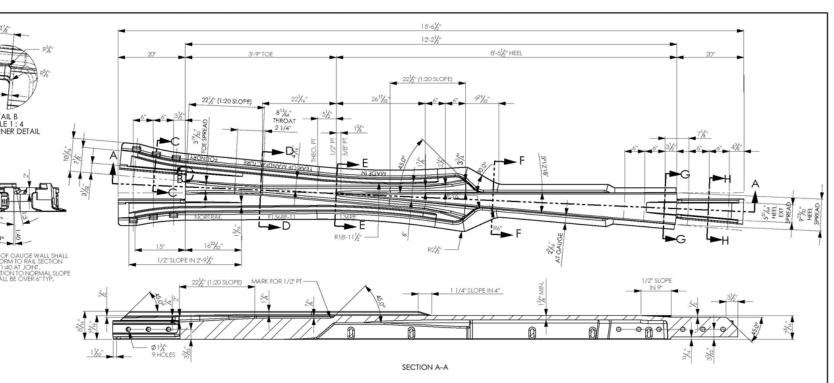




voestalpine

ange Bearing Self Guarded Frog





MANGANESE STEEL: CHEMISTRY AS PER LATEST NORTRAK SPEC. E DRAWINGS: AREMA 641-04 TION TO BE LOCATED ON SIDE OF CASTING:

IDENTIFICATION

OF OPIGINE

OF OPIGINE

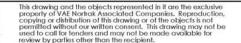
TERN USING 136 Lb. RE RAIL PROFILE.

SIONS TO THEORETICAL GAUGE LINES UNLESS OTHERWISE NOTED.

SIONS ARE TO FINISHED, MACHINED CASTING, NO MACHINING ALLOWANCES SHOWN.

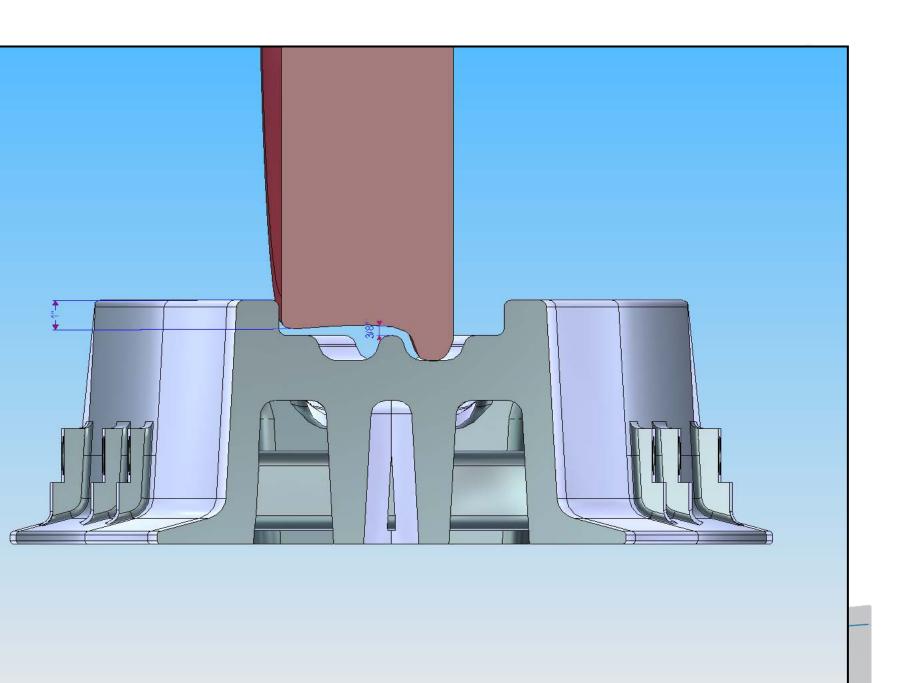
FOR SECTION DETAILS.

ARE NOTED THE STREET OF THE STREET OF THE PROFILE OF THE STREET OF



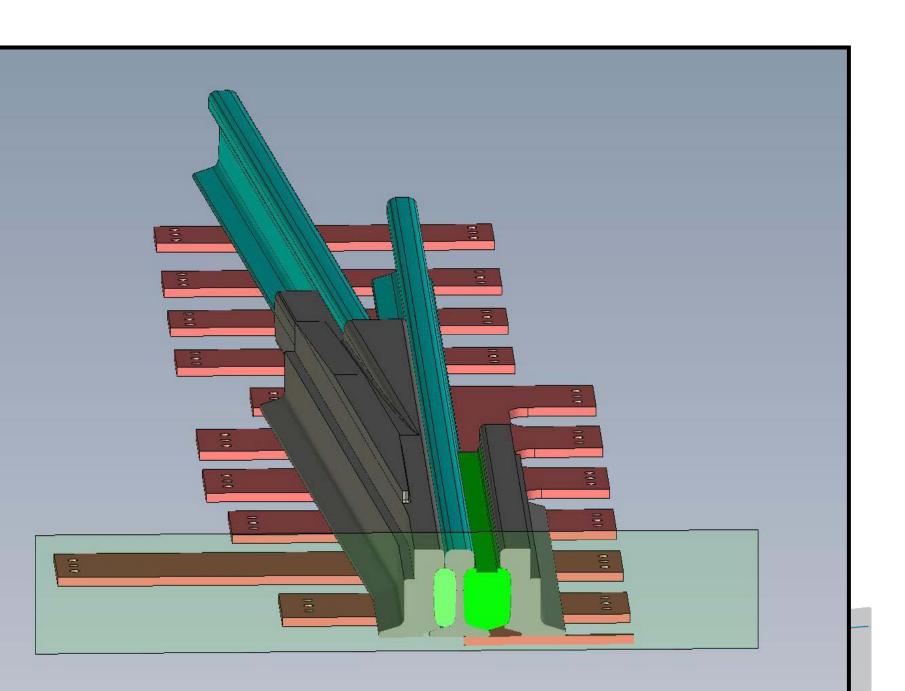
FROG, No.11-136RE, SOLID SELF-GUARDED MANGANESE

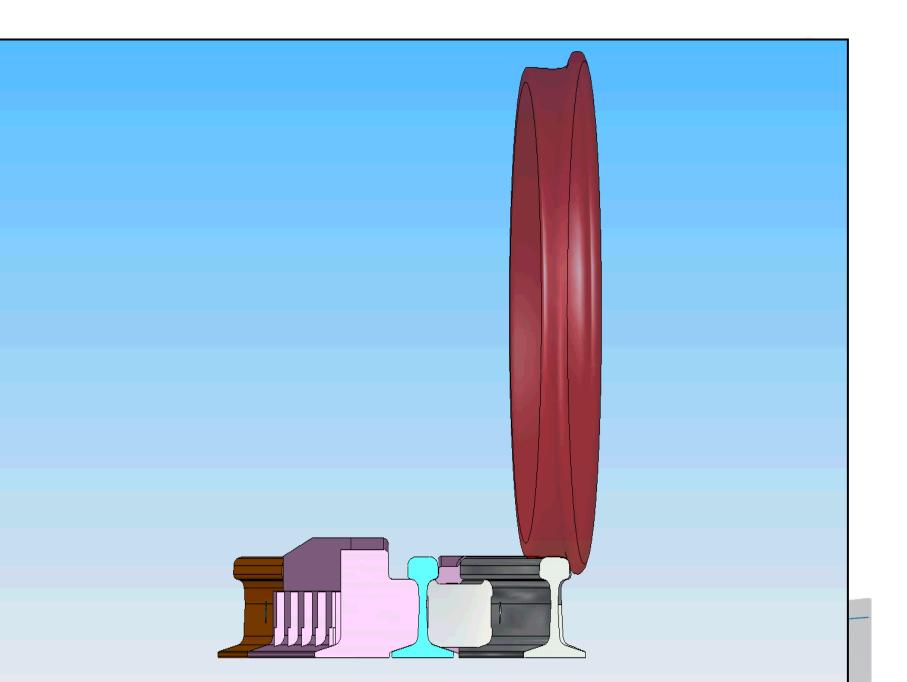
IN PRED: U15-11801 CHECKED BY: N.A. 2rd PRED_U15-00288 WEIGHT: 2200.7 CUSTOMER P35009 APPROVED BY: N.A.

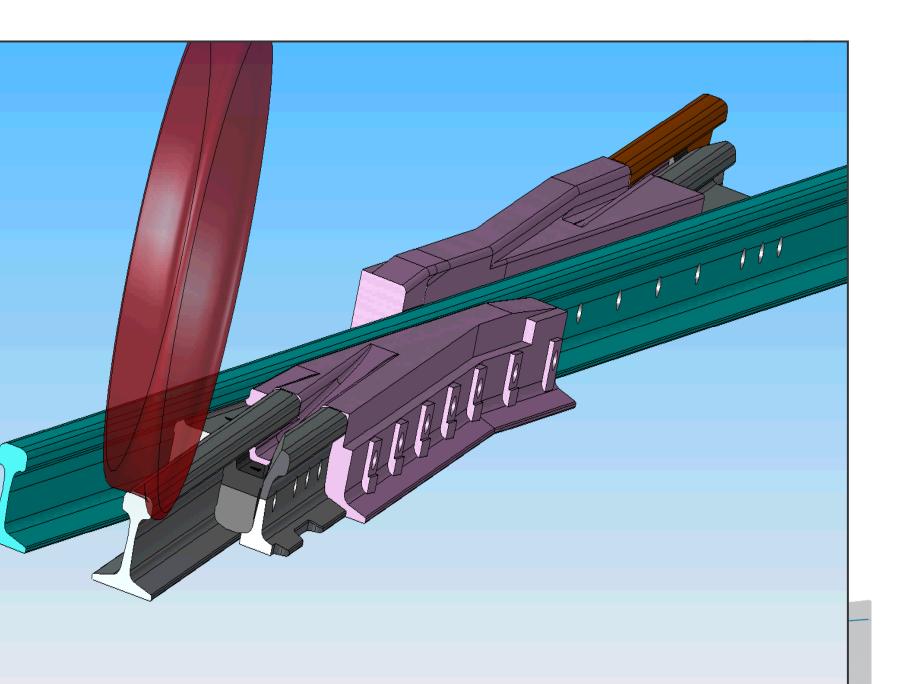


mp Frog

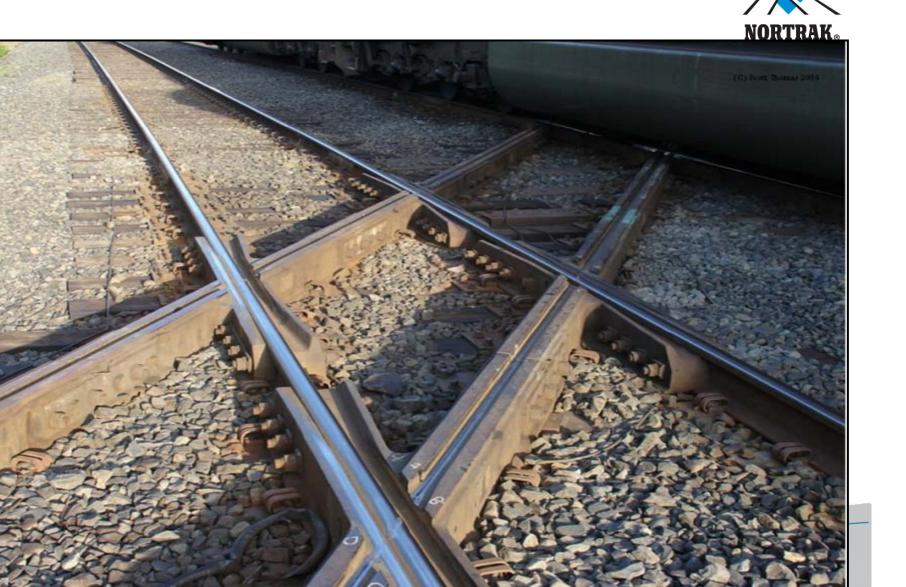


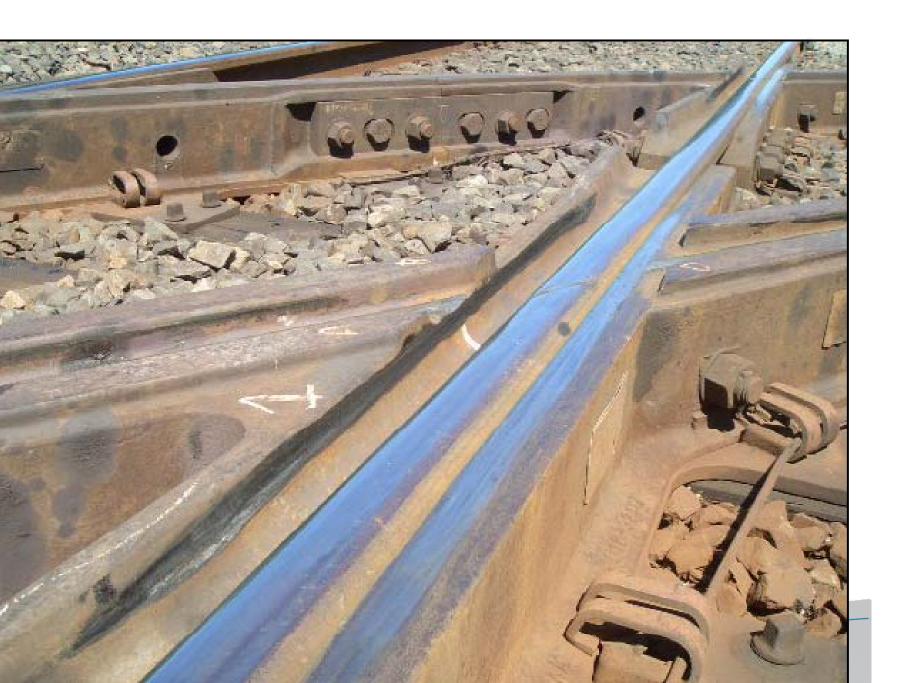






ne Way Low Speed (OWLS) Diamond





ange Bearing Diamond



