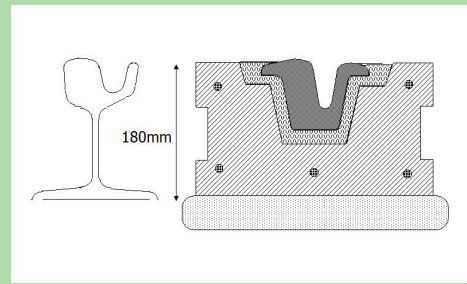


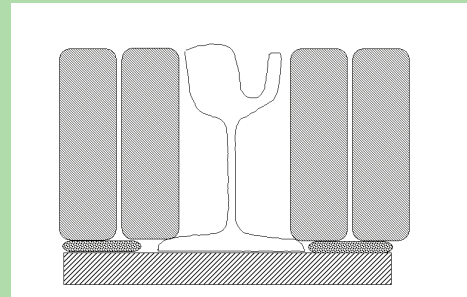
LR55 TRACK SYSTEM

The track is installed in a two stage process, a pre cast concrete foundation trough, and low profile rail bonded with a grout which acts as a spring continuously supporting the rails. Other benefits include:

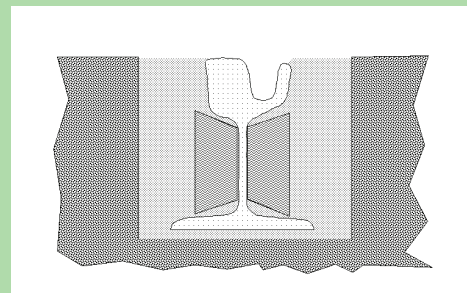
- Low pressure into the road pavement (<200MPa)
- Rapid installation, double track complete 100m per week with one gang
- Fully road traffic compliant
- Tested to carry mainline axles loads (up to 80 tonnes)
- Negligible stray currents (resistivity > 1000Ωkm)
- Less noise and vibration (<20Hz ~30dBA, >100Hz ~50dBA, nat. freq ~800Hz)
- Utility access during operating hours
- Designs for compatible switches and crossings
- Transition rails to all existing profiles
- No corrugation formation



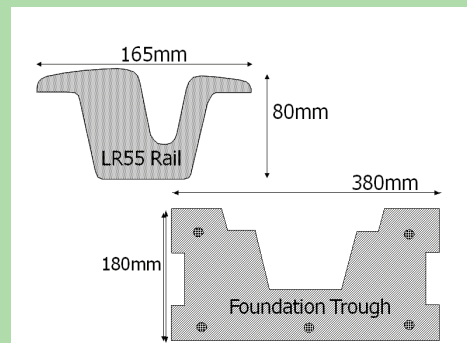
Comparison of Ri60 and LR55 track



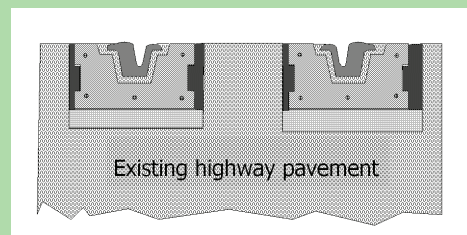
Ri60 general arrangement



Recent Ri60 installation



Elements of LR55 system



LR55 laid to gauge in highway pavement