

Airdrie–Bathgate Rail Link Project
Advanced Works at Livingston and Uphall
 June to December 2007



The following tells you about work in your area being carried out by Network Rail and our contractors as part of the **Airdrie-Bathgate Rail Link Project**. If you have any further questions or concerns please contact Network Rail's **24 Hour National Helpline** on **08457 11 41 41**. We and our contractors are committed to keeping disruption to a minimum.

A glossary of technical terms is attached as an appendix to this document. Terms included in the glossary are in **bold** throughout.

When	Areas likely to be affected	Details of work	How this will affect you
June to October 2007	Along Bathgate-Edinburgh branch line between Newbridge and Bathgate	Placing 3 miles of additional track next to existing single line and upgrading the existing freight line. At some locations this involves upgrading and adjusting the existing passenger line. This is preparatory work prior to bringing the double line into service in Autumn 2008	Noise from track work, which can only be done when no trains are running. At each location, work is unlikely to exceed 48 hours. Residents will be given 14 days notice before work is done in their vicinity. Construction traffic associated with this work will be kept to a minimum, with plant and materials being supplied by rail. However, there will be rail plant movements with noise from warning horns which is essential for the safety of those working on the track.
June to October 2007	Adjacent to the work	Removal of parts of cuttings , building up and stabilisation of embankments using soil nailing . This work is provide space for second track. This work will be done between: <ul style="list-style-type: none"> • Roman Camp and Uphall • Morrison Way and A899 bridge • Livingston North Station and bridge 17 near Sutherland Way and near bridge 16 (Munro Way and Barnes Green). 	Although some of this noise will be from work which can be done during the day, much of it can only be done at night or at weekends when the railway is closed. Construction traffic associated with this work will be kept to a minimum with plant and materials being supplied by rail. There will be rail plant movements with noise from warning horns. This is essential for the safety of those on the track.
11 th June to 31 st October 2007	Uphall Station	The cutting between Uphall Station and M8 will be filled with spoil prior to new	There will be construction traffic movements adjacent to station.

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		car park being built.	Temporary traffic lights on B8046 by Uphall Station to allow construction traffic to deposit spoil .
11 th June to October 2007	Entrance to Livingston North south side station car park	Remove south side of cutting at Livingston North station to provide space for additional track and new station platform	Construction compound established in Livingston North station car park (south side). There will be some construction noise and construction traffic movements during the day.
11 th June to 31 st October	Railway footpath south of Livingston North station	Gas main diversion	Footpath diversion between 11 th June and 21 st December
11 th June to 21 st December 2007	Footpath on south side of railway between Deans Road and Sutherland Way	Gas main diversion and earthworks	Footpath diverted between 11 th June and 21 st December
Bridge removed 24 th June 2007	Adjacent to work in Waverley Crescent	Demolish disused bridge 18 adjacent to Waverley Crescent. This will provide clearance for electrified lines prior to the line being electrified in 2009.	The railway path east of Livingston North station will be diverted whilst work takes place. Plant movements through Raeburn Rigg to access the North bridge work site by the grass verge line. Construction noise and construction traffic movements: the work to remove the bridge can only be done when the railway is closed, so night-time work is required.
Bridge removed 1 st July 2007 New bridge opened 5 th November 2007	Bridge to Houston Industrial Estate	Rebuild bridge 14 adjacent to Petroleum Manufacturing Services, Houston Industrial Estate. This will provide clearance for electrified lines prior to the line being electrified in 2009.	Bridge will be closed for 3 months
Bridge removed 1 st July New bridge opened 23 rd November 2007	Adjacent to work in Sutherland Way and Campsrigg housing estates	Rebuild bridge 17 between Sutherland Way and Campsrigg housing estates. This will provide clearance for electrified lines prior to the line being electrified in 2009.	The bridge and footpath between Sutherland Way and Waverley Crescent will be diverted for 5 months. North and south railway paths between bridges 17, 18 and Deans Road will be diverted whilst work takes place. Plant movements through Raeburn Rigg to access the north bridge work site by the grass verge line.

When	Areas likely to be affected	Details of work	How this will affect you
			Construction noise and construction traffic movements: the work to remove and rebuild the bridge can only be done when the railway is closed and so has to be done when the railway is closed, with night-time working required.
0600 21 July 2007 to 0500 23 July 2007; and 0600 28 July 2007 to 0500 30 July 2007	Deans Road	Gas main diversion	Deans road next to Livingston North Station will be closed to road traffic (but open to pedestrians) between 0600 Saturday and 0500 Monday.
Construct temporary bridge 22 nd July 2007 Bridge removed 16 th Sept 2007 New bridge opened 25 th November	Adjacent to work in Morrison Way	Replace bridge 15 which carries path from Morrison Way to Deer Park. This will provide clearance for electrified lines prior to the line being electrified in 2009.	Construction compound established in Morrison Way adjacent to bridge. Construction noise and construction traffic movements. Much of the work to remove and rebuild the bridge can only be done when the railway is closed and so has to be done around the clock. A temporary bridge will be provided during this work.
1 st August to 30 th September 2007	Adjacent to work at Beechwood Grove, Uphall	Increase the width of the bridge 12 behind Beechwood Grove Uphall to accommodate the second track.	Construction compound established within the station car park. Construction noise and construction traffic movements. Much of this work will have to be done when the railway is closed with nighttime working required. The existing underpass at bridge 12 will remain open during the works
5 th to 12 th August 2007	Adjacent to work at Roman Camp	Remove old bridge abutments at adjacent to Roman Camp cottages.	Construction compound established adjacent to existing rail access point. Construction noise and construction traffic movements. Much of the work to remove the abutments can only be done when the railway is closed and so has to be done when the railway is closed with nighttime working required.
September to November 2007 Rebuild bridge carrying water	Adjacent to work in Morrison Way	Convert disused bridge 16 into a pipe bridge for water mains. This will provide clearance for electrified lines prior to the line being electrified in 2009.	Construction noise and construction traffic movements. The work to remove and rebuild the bridge can only be done when the railway is closed and so has to be done around the clock.

When	Areas likely to be affected	Details of work	How this will affect you
main			Construction compound at bridge 15 will be used for this work.



Glossary of Technical Terms

COMPOUND

A compound is a site-based secure area for use by staff working on the railway. Compounds exist for the duration of works and may include toilets, showers and office facilities, for example.

CUTTING

A cutting is created by excavating into the ground down to the required formation (track) level, forming slopes between each side of the formation and normal ground level.

EARTHWORKS

Earthworks is the generic term used to describe embankments, cuttings and any major excavations or repositioning of soil associated with the construction of the railway.

ELECTRIFICATION

Electrification is the generic term used to describe the overall system which involves the use of 25Kv Overhead Line Equipment (OLE) for the supply of power to electric trains on an 'electrified' route.

OVERBRIDGE

An overbridge (or overline bridge) is a bridge which carries a road, for instance, over the railway.

PLANT

Plant is the generic term used to refer to machinery, equipment or appliances used for construction of the railway. This may include electricity generators and excavators, for example.

RAIL PLANT

As defined under 'plant' above, rail plant is the generic term used to refer to *rail-mounted* machinery, equipment or appliances. Such machinery may be used to deliver track or other materials along the railway.

SOIL NAILING

Soil nailing is carried out where the cutting that the track sits has to be steepened to fit a new track into the existing formation. Soil nails are hollow stainless steel bars filled with cement grout that are put in the ground at a slight angle below horizontal within the cutting itself. Using soil nails means the slopes of the cutting can be steepened and stabilised.

SPOIL

Spoil is generally the waste material gathered during engineering work (e.g. spent ballast excavated during track renewals work or surplus earth from excavations on cuttings). Spoil can sometimes be disposed of profitably, for example, it can sometimes be used as fill at other construction sites.

UNDERBRIDGE

An underbridge (or underline bridge) is a bridge which carries a road, for instance, under the railway.