Existing A29 Level Crossing
Network Rail Risk Level is H4
(*Risk Levels shown taken from Network Rail Level Crossing Safety Assessment website)

With the introduction of the new A29 (using base traffic from 2016 and base/growth and development traffic in 2038, there is a 31% reduction in traffic in the AM and 37% reduction in traffic in the PM across the Lidsey Road Level Crossing.

| | 2016 Base | 2038 DS (including all dev and all A29) | Change |
|---|---|---|---|
| AM | 1194 | 824 | -31% |
| PM | 1231 | 771 | -37% |

Existing disused Pedestrian Underpass to be upgraded and brought back into reuse as part of overall BEW Masterplan Movement Strategy

CUT LINE

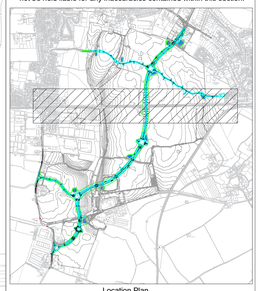
Level crossing risk assessment scoring

Level crossing risk assessments produce two scores:

- One is for the 'individual risk' which applies only to crossing users. The score is presented as a letter ranging from A to M where A is the highest value and M is the lowest.
- The second score is for 'collective risk' which considers the total risk for all people who use the crossing, including: pedestrians, road vehicle drivers, train staff and passengers. The score is presented as a number ranging from 1 to 13 where 1 is the highest value and 13 is the lowest. This 'collective risk' score is the most important part when prioritising crossings.
- Crossings with a risk score of 'M13' have been assessed as having zero risk. They have no known usage and no scheduled reassessment regime. These crossings are reviewed periodically and the appropriate risk assessment regime instigated if required.

NOTES:

1. Where the Contractor undertakes or engages a third party to undertake temporary works design, or varies the Pell Frischmann design in any way, then the Contractor will take full responsibility and liability for all design aspects, including a Design Risk Assessment. The Contractor shall inform Pell Frischmann of any proposed variances to the design.
2. This drawing shall be read in conjunction with all other Electrical, Mechanical, Public Health & Architectural Drawings & The Specification.
3. Topographical Information was provided by 3D Engineering Surveys and Pell Frischmann will not be held liable for any inaccuracies.
4. Barnham Road Roundabout and Northern Link Road designed by WSP, Pell Frischmann will not be held liable for any inaccuracies contained within this section.
4. Partial Western Link Road designed by CALA, Pell Frischmann will not be held liable for any inaccuracies contained within this section.



Location Plan

KEY:

- A29 ROAD CORRIDOR
- PROPOSED CARRIAGEWAY — HRA Carriageway Surfacing
- ASPHALT SPLITTER ISLAND/CROSSING POINTS
- SEGREGATED PEDESTRIAN FOOTWAY — Asphalt Footway Surfacing
- SEGREGATED CYCLEWAY — Contrasting asphalt finish to footway. Physical delineation strip to be Kerb or similar agreed at detailed design stage.
- GRASS VERGE/SWALE — Please Refer Landscaping Drawings for details
- PROPOSED KERBS
- FOOTWAY EDGING KERB

NOTE:
*Risk Level taken from Network Rail Level Crossing Safety Assessment Date

Existing Agricultural Level Crossing to be removed upon commencement of south side of railway development.

Network Rail Risk Level B4

CUT LINE

5.2m
2m
3m
6.75m
R714m

Proposed A29 Alignment with segregated Footway/Cycleway on new bridge

3m
6m
3m
5.5m
3m
5.5m
3m

Existing Level Crossing removed and rerouted through Underpass.

Network Rail Risk Level C6

Existing disused Pedestrian Underpass to be upgraded and brought back into reuse as part of overall BEW Masterplan Movement Strategy

Existing PROW 323

Existing Level Crossing to be removed and replaced by new footbridge as part of another development.

Network Rail Risk Level C6

| REV. | DESCRIPTION | DRN | CHK | APP | DATE |
|---|---|---|---|---|---|
| P01 | Details amended following comments from WSCC 28th March 2023 | KM | TM | TM | 12.05.23 |
| P00 | First Issue | KM | TM | TM | 31.03.23 |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Client
CC Projects
Ashmarden Ltd
Hanbury (PM) Ltd

Project
BEW Parcel SC1

Drawing Title
BEW Development Masterplan
Railway Crossing Review

| | Name | Date | Scale | 1:500 @ A0 |
|---|---|---|---|---|
| Drawn | KM | Mar 2023 | File No. | A13394-PF-ZZ-SK-DR-CD-00007 P01.dwg |
| Designed | KM | Mar 2023 | | |
| Checked | TM | Mar 2023 | Drawing Status | Preliminary |
| Approved | TM | Mar 2023 | | |

Drawing No. A13394-PF-ZZ-SK-DR-CD-00007
Revision P01

P:\133--\A13394-\AA Barnham Eastergate Westergate\00 Drawings\01 CAD\Design Drawings\Design Drawings\A13394-PF-ZZ-SK-DR-CD-00007 P01.dwg Plotted on 10/05/23 at 10:16 by KMcDonald