



NORTHAMPTON
GATEWAY
STRATEGIC RAIL FREIGHT INTERCHANGE

**DRAINAGE STATEMENT OF COMMON GROUND BETWEEN THE
APPLICANT AND
NORTHAMPTONSHIRE COUNTY COUNCIL**

DOCUMENT 7.2

The Northampton Gateway Rail Freight Interchange Order 201X

Regulation No: 5 (2) (q)

DRAINAGE STATEMENT OF COMMON GROUND BETWEEN THE APPLICANT AND
NORTHAMPTONSHIRE COUNTY COUNCIL| MAY 2018

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ROXHILL

NORTHAMPTON GATEWAY STRATEGIC RAIL FREIGHT INTERCHANGE

Statement of Common Ground between Roxhill (Junction 15) Ltd and Northamptonshire County Council as Lead Local Flood Authority

1 Introduction

- 1.1 This Statement summarises the agreement reached between Roxhill (Junction 15) Ltd and Northamptonshire County Council Lead Local Flood Authority (LLFA) in relation to the proposed development known as Northampton Gateway (the SRFI).
- 1.2 The LLFA is responsible for matters relating to surface water flood risk and drainage as well as consenting matters for Ordinary Watercourses within Northamptonshire.
- 1.3 Pre application advice was sought from the LLFA via a formal meeting held on 1st December 2017 where results of flood risk and drainage investigations were presented. Calculations and modelling results were subsequently provided for review.

2 Development Proposals

- 2.1 The SRFI consists of discreet areas of land forming the overall application which are;
- Main Site
 - Roade Bypass
 - Additional Junction works

The locations for the above are shown on plan reference NGW-BWB-GEN-XX-SK-X-SK35.

- 2.2 The Northampton Gateway Strategic Rail Freight Interchange (SRFI) scheme would, if consented, comprise the following;
- A rail freight terminal (and express freight facility) with the capacity to accommodate up to 16 trains per day
 - 468,000m² of rail-served warehousing
 - Improvements to the local highways network including M1 Junctions 15 and 15a
 - Bypass around Roade village
- 2.3 As a result of the development and increase in the impermeable area it will be necessary to provide surface water attenuation which is proposed in the form of basins as shown on the masterplan.

3 Basis of Agreement

- 3.1 The following information has been provided to the LLFA for review;

DCO Application

- Flood Risk Assessment (Document reference NGW-BWB-EWE-XX-RP-YE-0005)

Main Site

- Drainage Catchment Layout (Drawing reference NGW-BWB-GEN-XX-SK-C-SK33)
- Micro Drainage Calculations (Greenfield Runoff Rates)
- Micro Drainage Calculations (Attenuation Requirements Catchments A - F)
- Courteenhall Brook Fluvial Flood Modelling Technical Note (Document reference NGW-BWB-EWE-XX-RP-EN-0002)

Road Bypass

- Drainage Strategy (Drawing reference NGW-BWB-GEN-XX-SK-C-SK12)
- Micro Drainage Calculations (Greenfield Runoff Rates)
- Micro Drainage Calculations (Attenuation Requirements Catchments A - E)

- Roade Brook Fluvial Flood Modelling Technical Note (Document reference NGW-BWB-EWE-XX-RP-EN-0003)

4 Agreement

- 4.1 The following points are agreed;
- 4.2 The Flood Risk Assessment and Drainage Strategy have been prepared in accordance with the National Policy Statement for National Networks (NPSNN).
- 4.3 Surface water runoff from the Main Site will not exceed 4l/s/ha (Greenfield Runoff) in all events up to and including the 200 year plus a 20% allowance for climate change event. A sensitivity test will be carried using 40% allowance for climate change.
- 4.4 Surface water runoff from the Roade Bypass will not exceed 4l/s/ha (Greenfield Runoff) in all events up to and including the 100 year plus a 20% allowance for climate change event. A sensitivity test will be carried by using a 40% allowance for climate change.
- 4.5 Surface water runoff from the additional junctions will be designed where possible to restrict to greenfield runoff rates based on any new impermeable areas added. Approval of the final design will rest with the relevant Highway Authority (Highways England or Northamptonshire County Council Highway Authority).

Dated 19/03/18

Signed


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On behalf of Roxhill (Junction 15) Ltd

Name CHRIS DODO..... Position Associate (BLMS Consulting)

Signed


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On behalf of Northamptonshire County Council as Lead Local Flood Authority

Name Malcolm Bale..... Position TECHNICIAN.....