

# **Great Yarmouth Third River Crossing**

## **Application for Development Consent Order**

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### **Document 6.2:      Environmental Statement Volume II: Technical Appendix 15B: Material Application**

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**Planning Act 2008**

**The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 (as amended) (“APFP”)**

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## Tables

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# 1 Material Application

**1.1.1** Table 1.1 shows a detailed breakdown of the material application for the Scheme. WRAP<sup>1</sup> conversion factors have been used to convert information from cubic metres to tonnes.

*Table 1.1: Material Application*

Input Materials	Indicative Quantity (tonnes unless otherwise stated)	Likely Source
Structural (concrete)	12,500	Local source, ~ 40km
ST1 - ST4 (concrete)	2,500	Local source, ~ 40km
Re-inforcement (steel)	1,250	<250km from the Application Site
Piles - AZ50 (steel)	1,100	Unknown
Piles - tubes (steel)	1,100	Unknown
Reinforced earth (topsoil)	400	UK
Precast piles (pre-cast concrete)	8,250	UK
Bascule superstructure - back leaves (steel)	650	UK
Bascule superstructure - front leaves (steel)	500	UK
6I/6J (aggregate)	7,500	Majority sourced from international quarries.
6A (aggregate)	16,000	Majority sourced from international quarries.
1A (aggregate)	30,000	Majority sourced from international quarries.
Capping (aggregate)	10,000	Majority sourced from international quarries.
Sub-base (aggregate)	20,000	Majority sourced from international quarries.

<sup>1</sup> Waste and Resources Action Programme, 2010, Waste Recording and Reporting.

Input Materials	Indicative Quantity (tonnes unless otherwise stated)	Likely Source
Blacktop (asphalt)	17,250	Local source, ~ 40km.
Top Waling / Graming - each (steel)	40	Assumed Ipswich, <100 km the Application Site.
Fenders (rubber)	40	Unknown.
Drainage concrete	90	Source assumed to be <250km from Application Site.
Drainage plastic	20	Source assumed to be 210km from Application Site.
Drainage ductile	0.5	Source assumed to be <230km from Application Site.
Vehicle restraint systems (steel)	90	Source assumed to be <250km from Application Site.
Kerbing (concrete)	240	Source assumed to be <310km from Application Site.
Timber (e.g. formwork)	110	Source assumed to be <40km from Application Site.
Packaging	170	Source unknown.