

METROTIDAL

LOWER THAMES POOL

MARCH 2016

INTEGRATION BENEFITS

Flood Defence



Sustainable Energy Storage



Integrated Transport



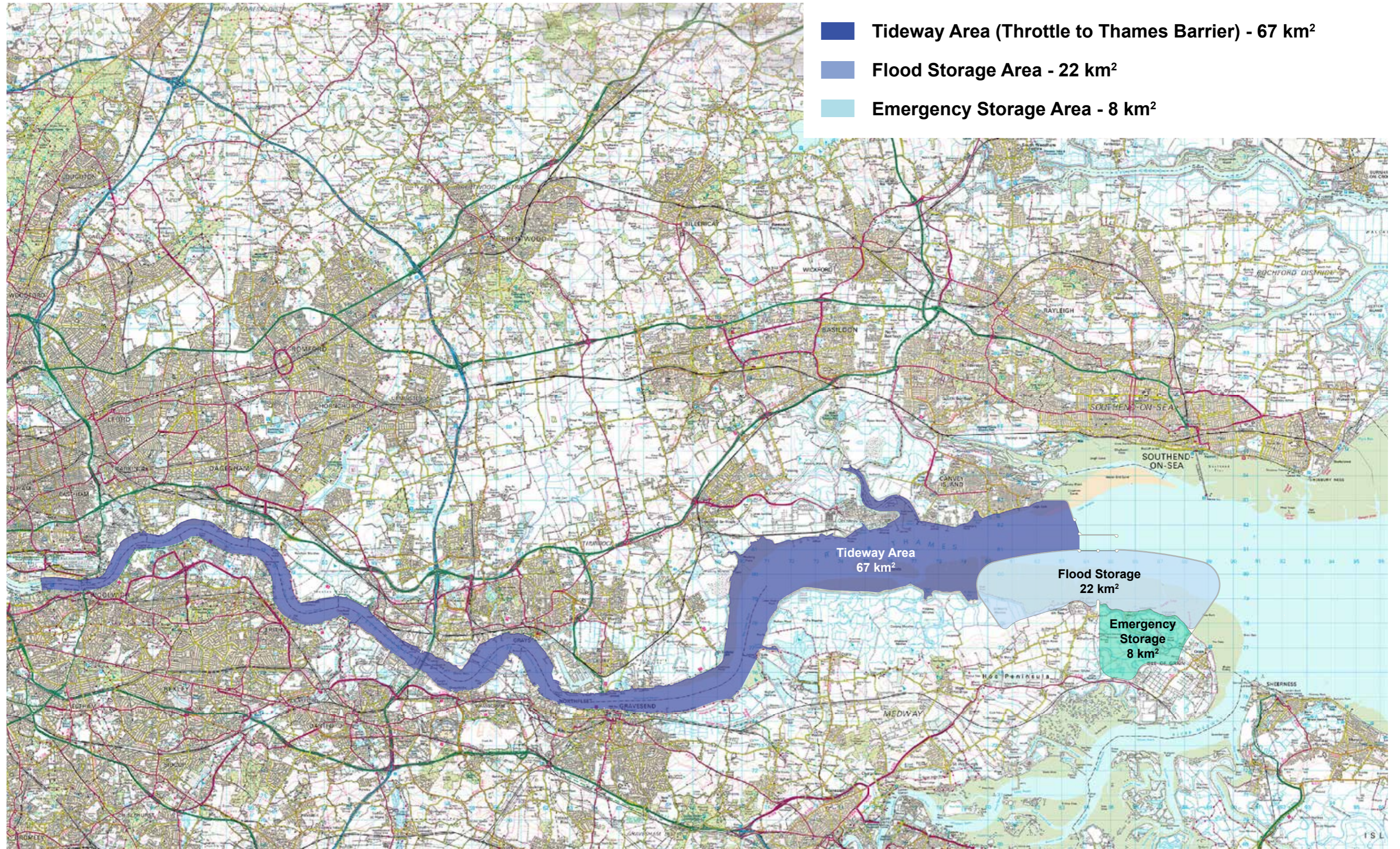
Data Storage and Utilities



Enabling Development

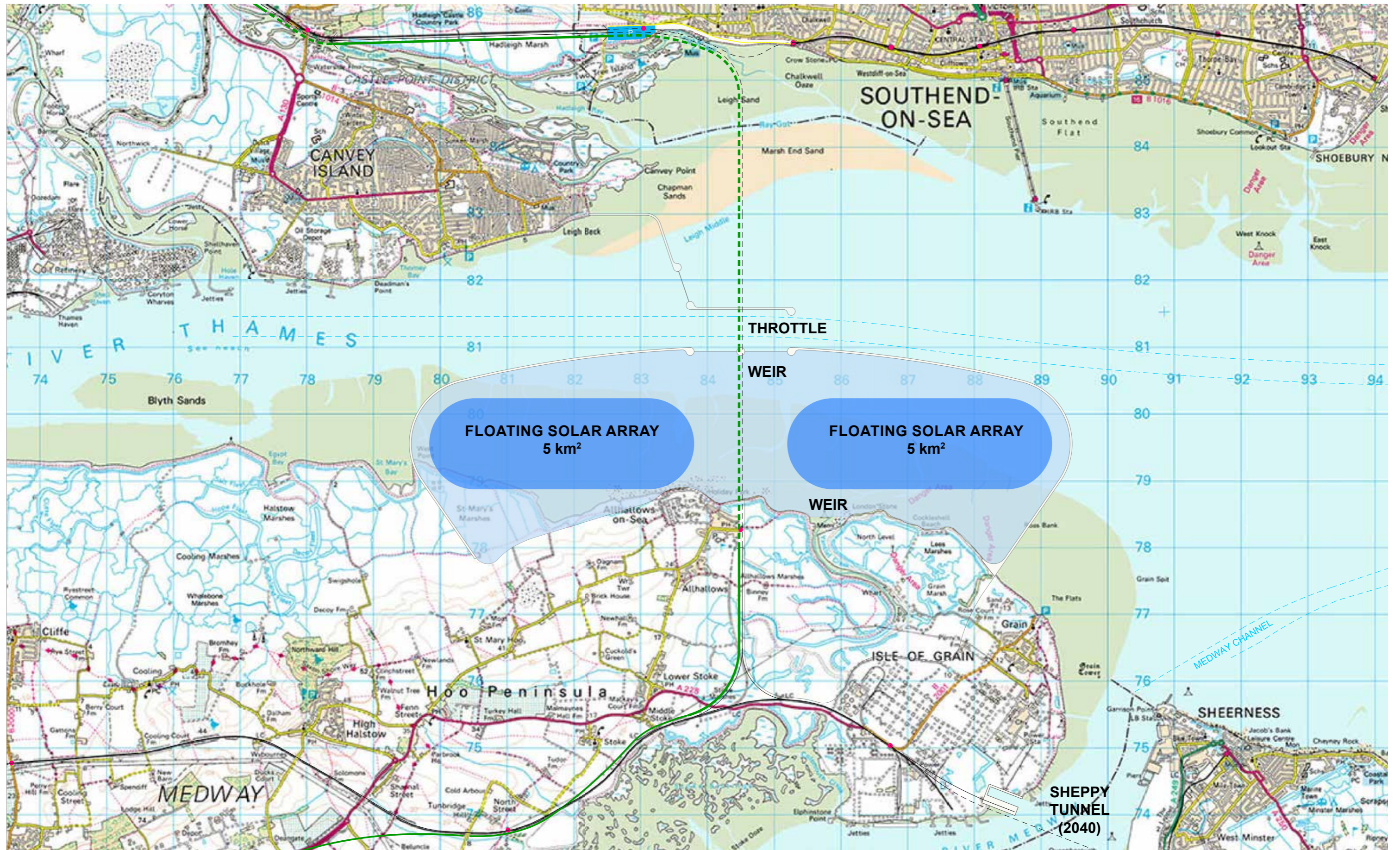
FLOOD DEFENCE

FLOOD STORAGE



SUSTAINABLE ENERGY STORAGE

SOLAR / WIND / TIDAL PUMPED STORAGE



INTEGRATED TRANSPORT

NEW RAIL CONNECTIONS



INTEGRATED TRANSPORT

CROSSRAIL PLUS

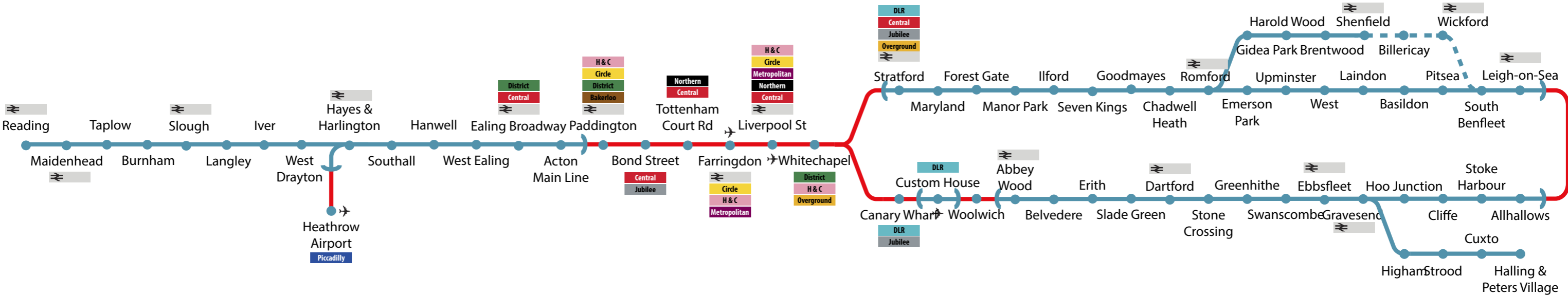


Crossrail

Route Map

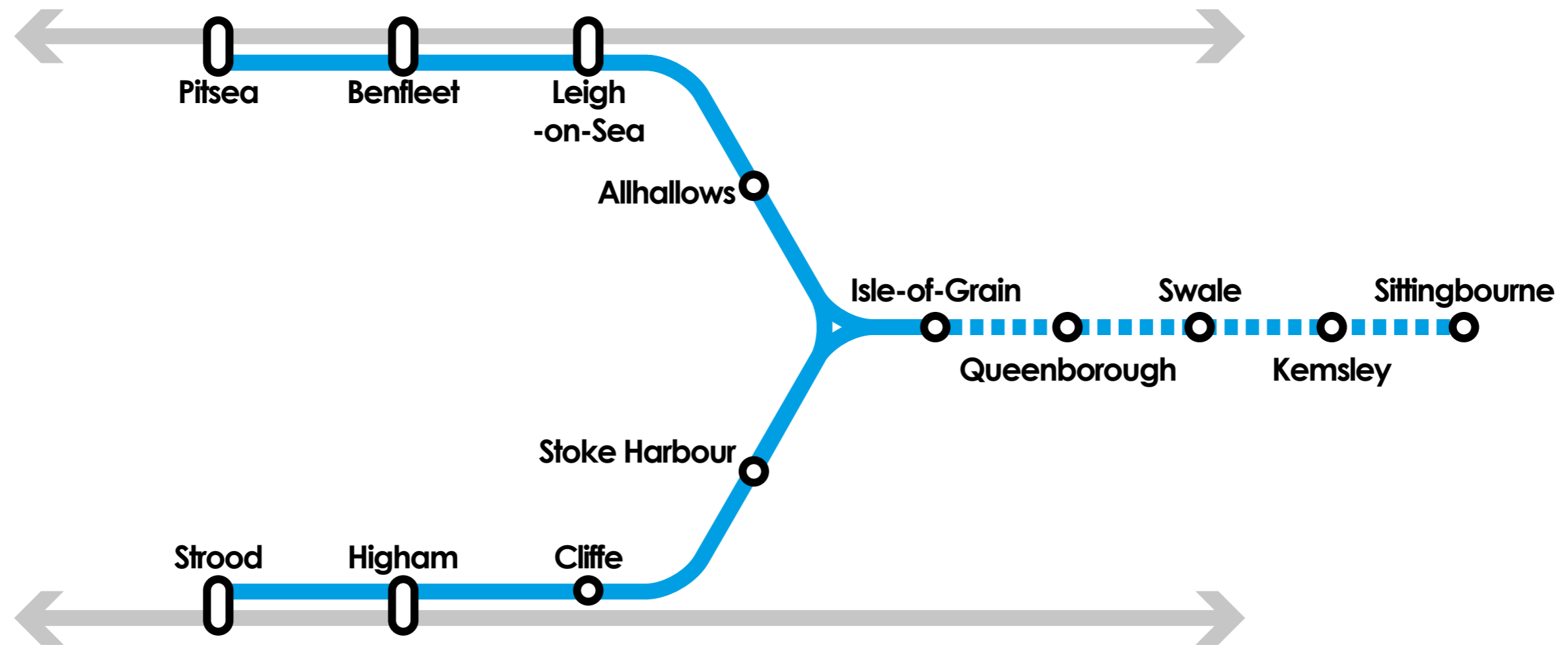


Route Connections Map



INTEGRATED TRANSPORT

PITSEA – ISLE-OF-GRAIN – STROOD SHUTTLE



INTEGRATED TRANSPORT

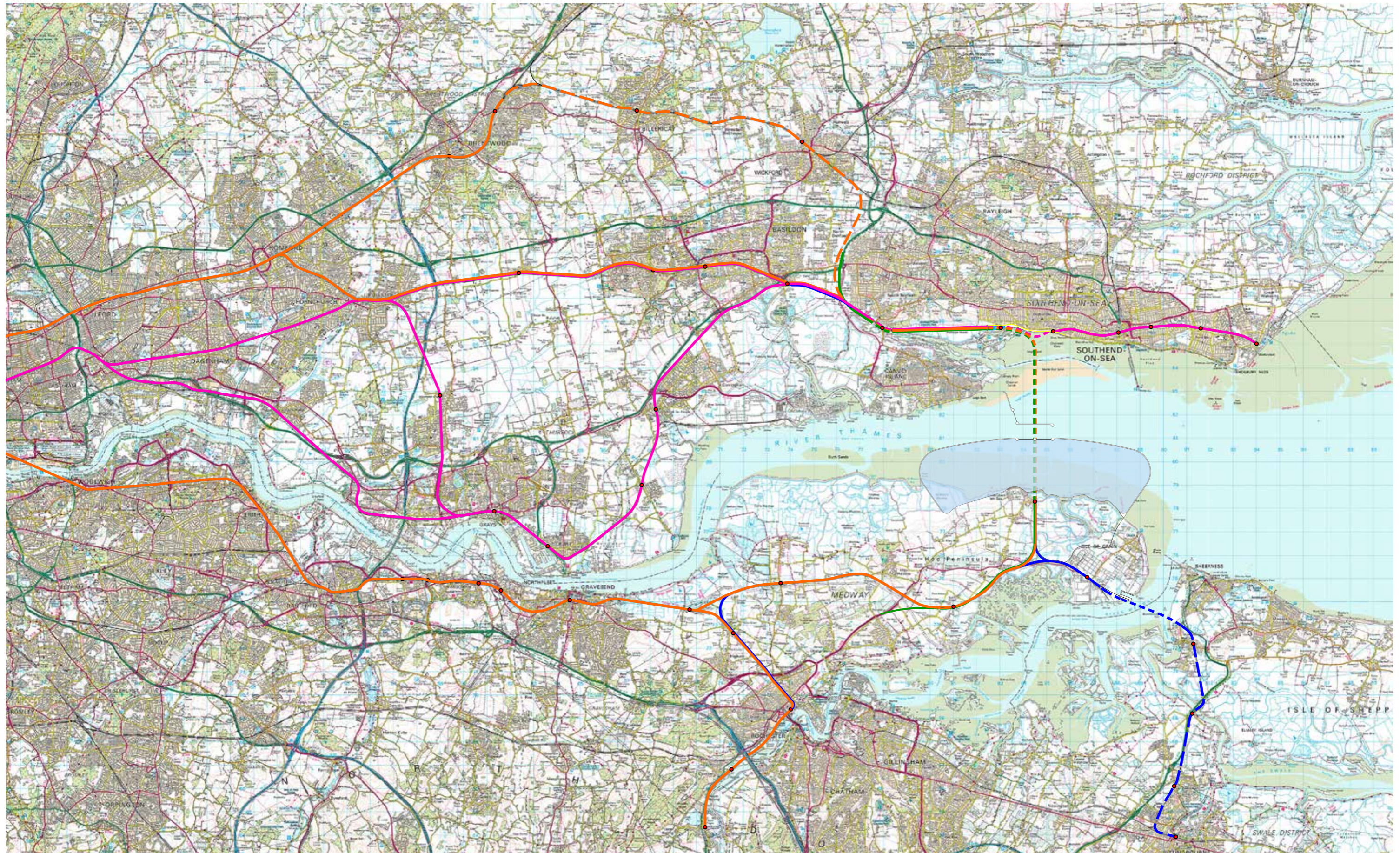
RAIL AND ROAD CONNECTIONS

RAIL CONNECTIONS

- CROSSRAIL PLUS
- PITSEA – ISLE-OF-GRAIN – STROOD SHUTTLE
- C2C
- HIGH SPEED 1

ROAD CONNECTIONS

- A13/A130 – A228/A289
- LEIGH ESPLANAGE – CHALKWELL ESPLANADE



INTEGRATED TRANSPORT

RAIL AND ROAD CONNECTIONS

RAIL CONNECTIONS

- CROSSRAIL PLUS
- PITSEA – ISLE-OF-GRAIN – STROOD SHUTTLE
- C2C
- HIGH SPEED 1

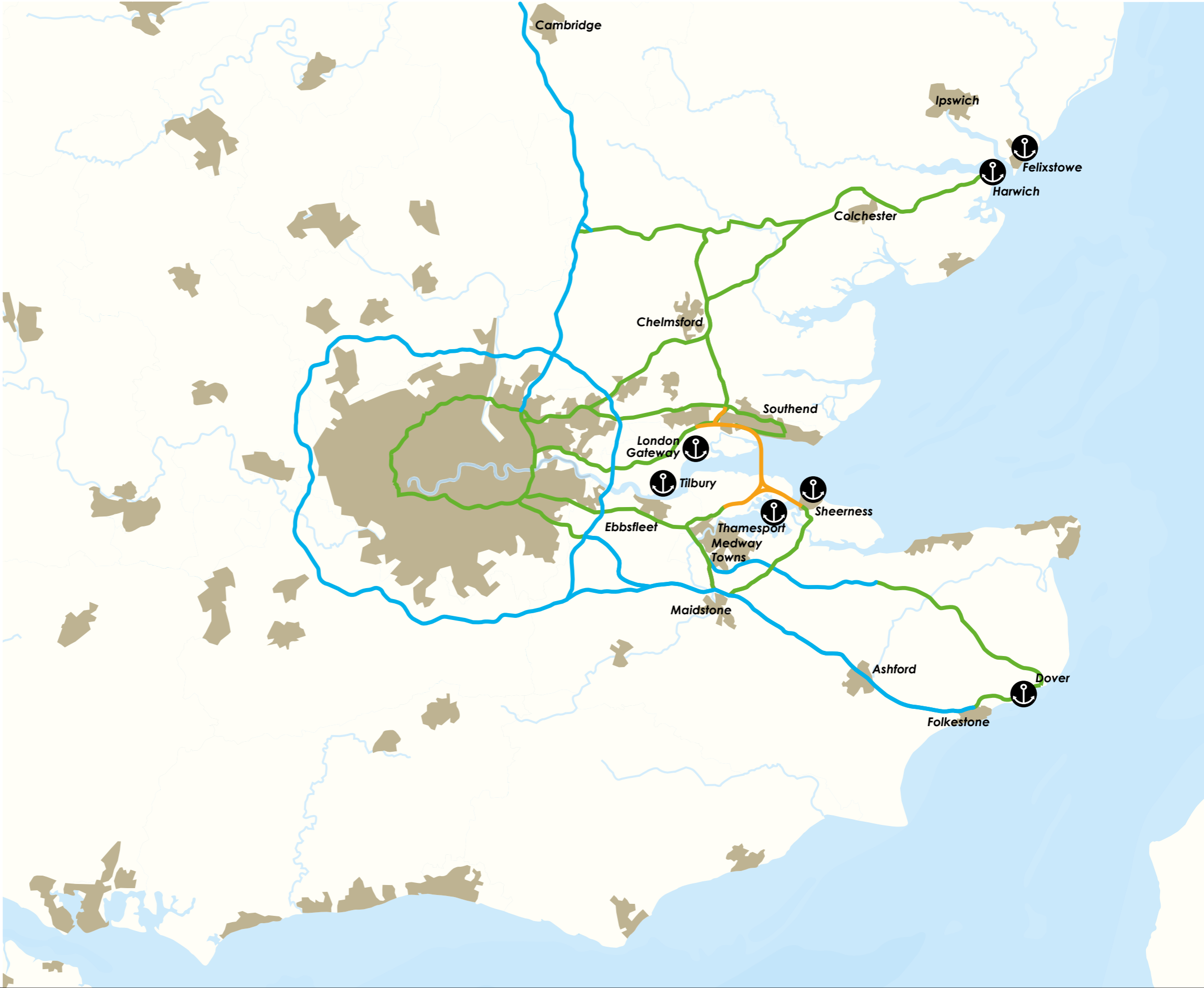
ROAD CONNECTIONS

- A13/A130 – A228/A289
- LEIGH ESPLANADE – CHALKWELL ESPLANADE



REGIONAL ROAD CONNECTIONS

- MOTORWAYS
- MAIN ROADS
- METROTIDAL LINKS



TUNNEL CONSTRUCTION



TUNNEL CONSTRUCTION

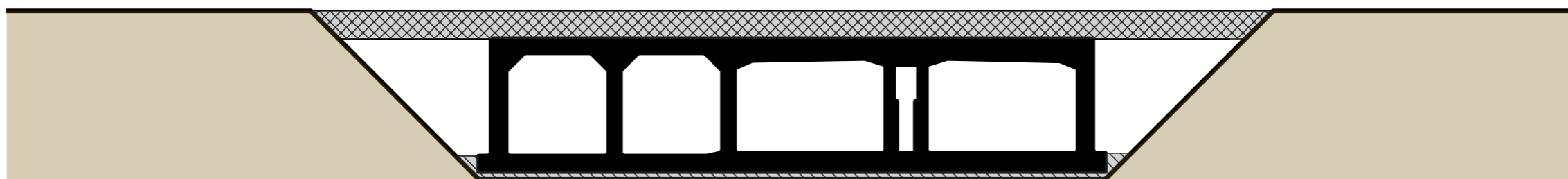
SHORTER TUNNEL OPTION



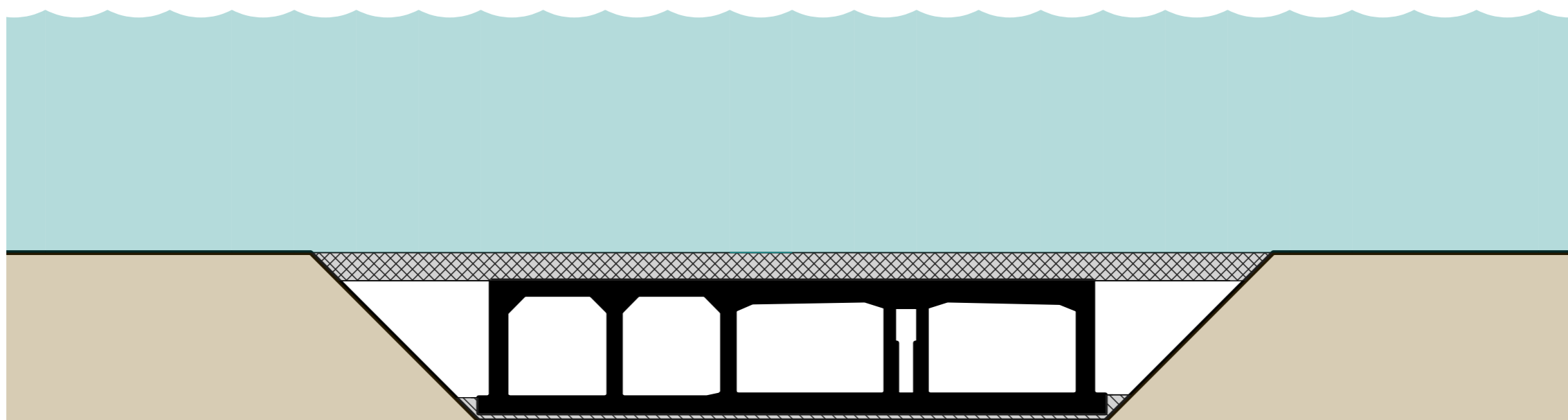
D2T2 IMMERSED TUBE TUNNEL



OPEN-CUT TUNNEL APPROACHES

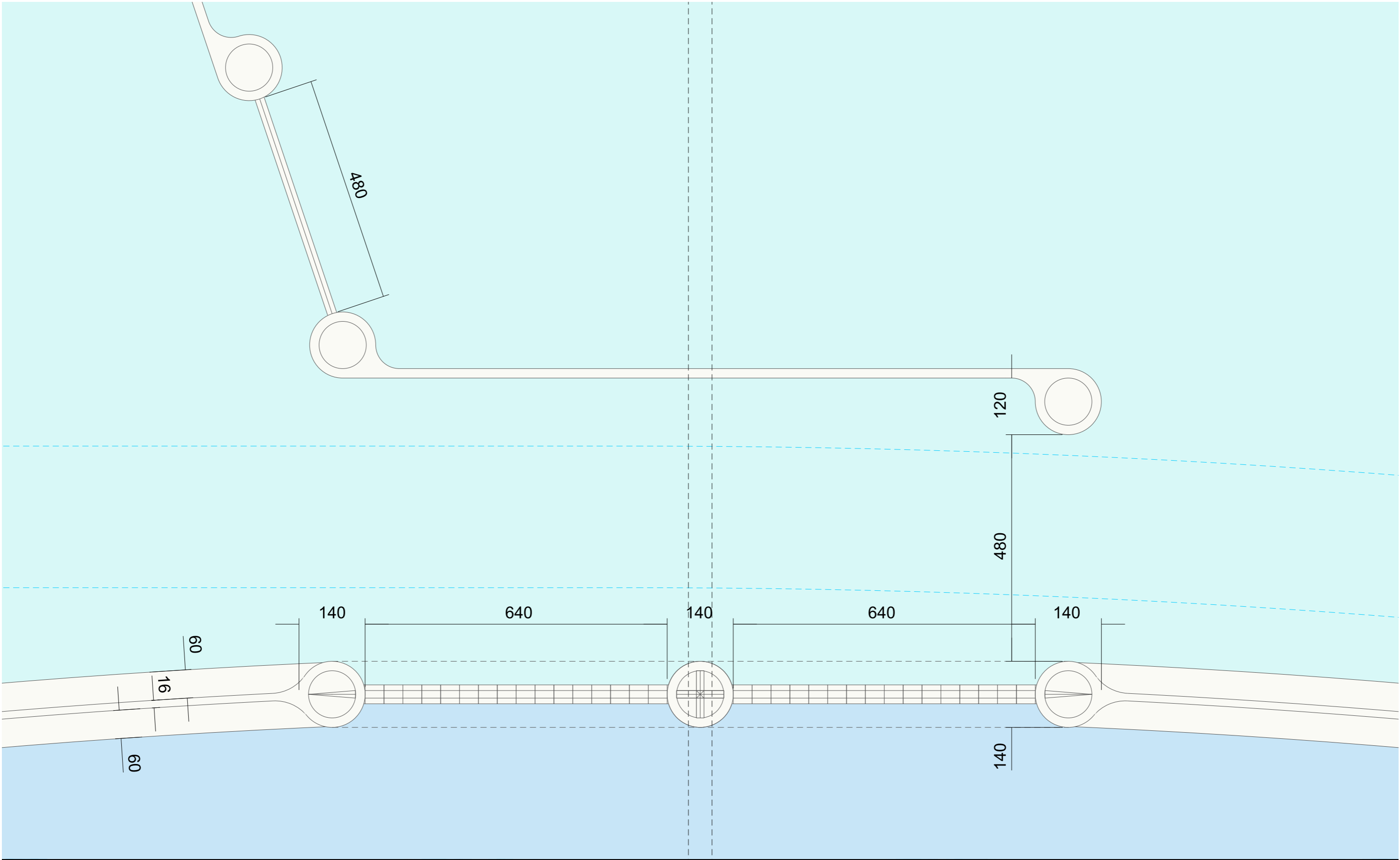


CUT-AND-COVER ACROSS INTERTIDAL AREAS



CUT-AND-COVER UNDER RIVER

THROTTLE DETAIL



DATA STORAGE AND UTILITIES

INFRASTRUCTURE UTILITY WAYLEAVES

 DATA STORAGE

 DISTRIBUTION



ENABLING DEVELOPMENT

STATION-FOCUS GROWTH ZONES



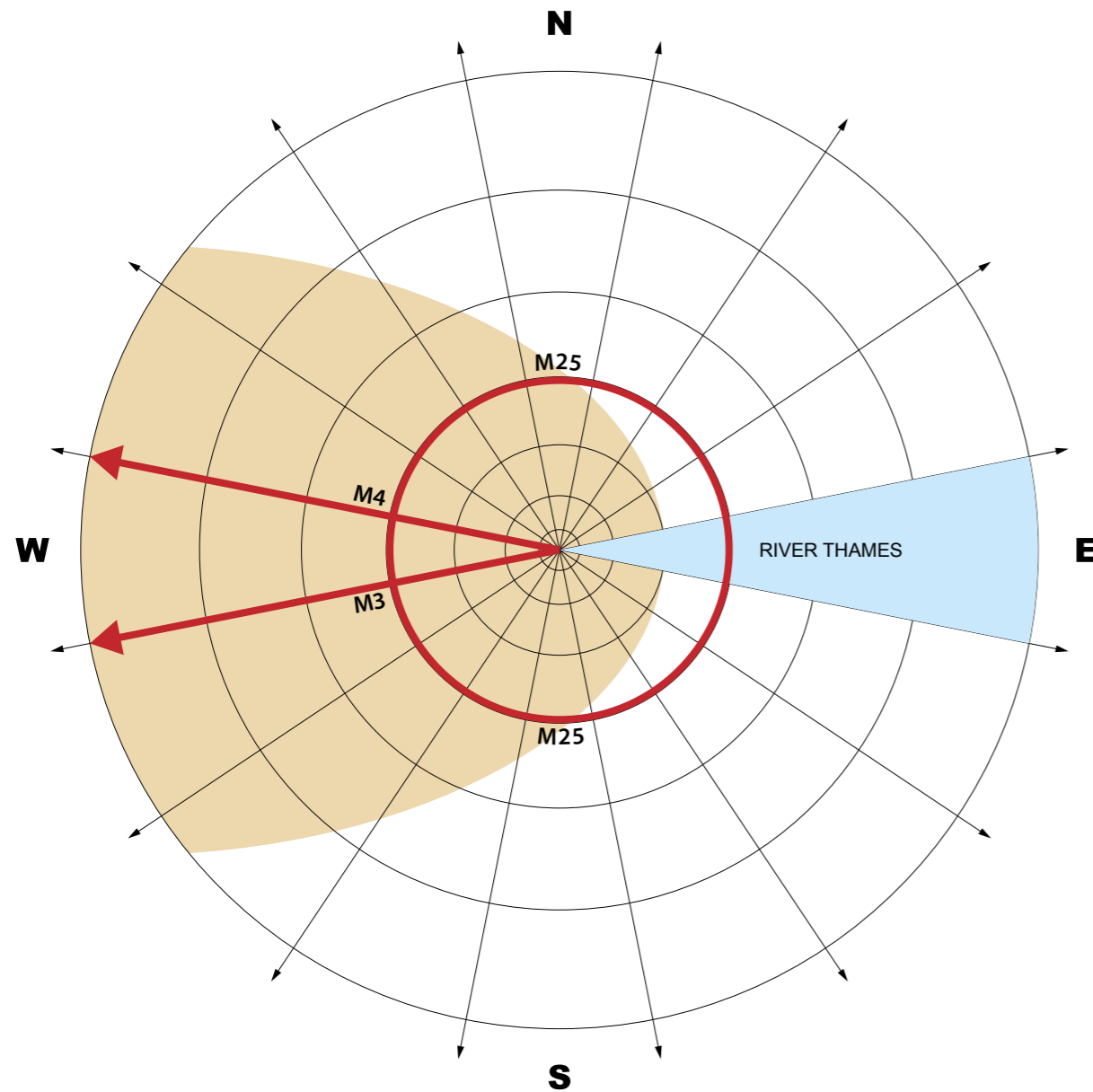
STOKE HARBOUR MASTERPLAN – HOO PENINSULA

SHELTER WOLFSON ECONOMICS PRIZE 2014 HOUSING SCHEME

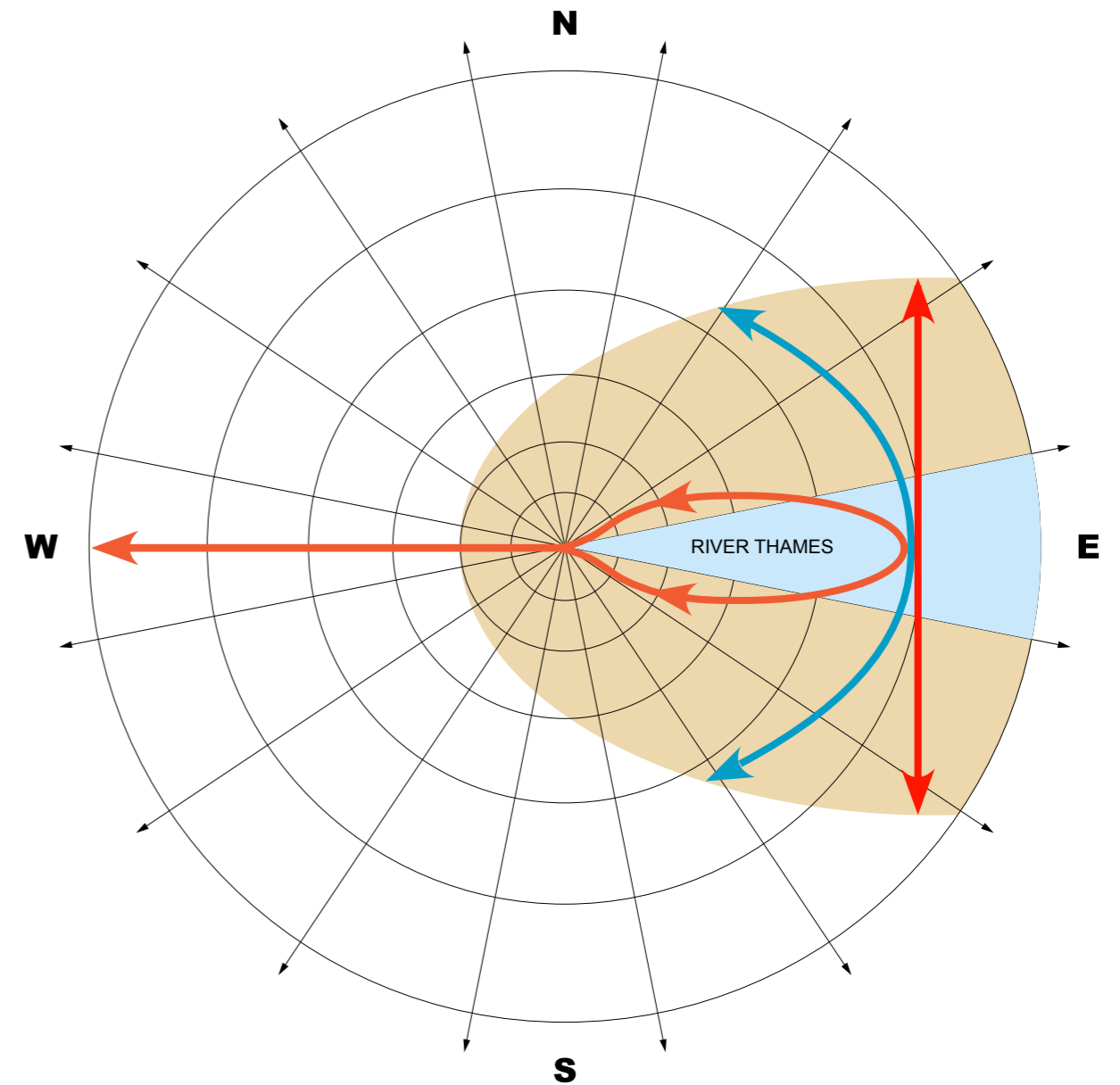


AGGLOMERATION BENEFITS

TRANSPORT NETWORKS AND GROWTH AREAS FOR LONDON



HISTORIC SYSTEM
GROWTH IN THE WEST



PROPOSED ADDITION
GROWTH IN THE EAST