

# HS2 Construction in the Colne Valley

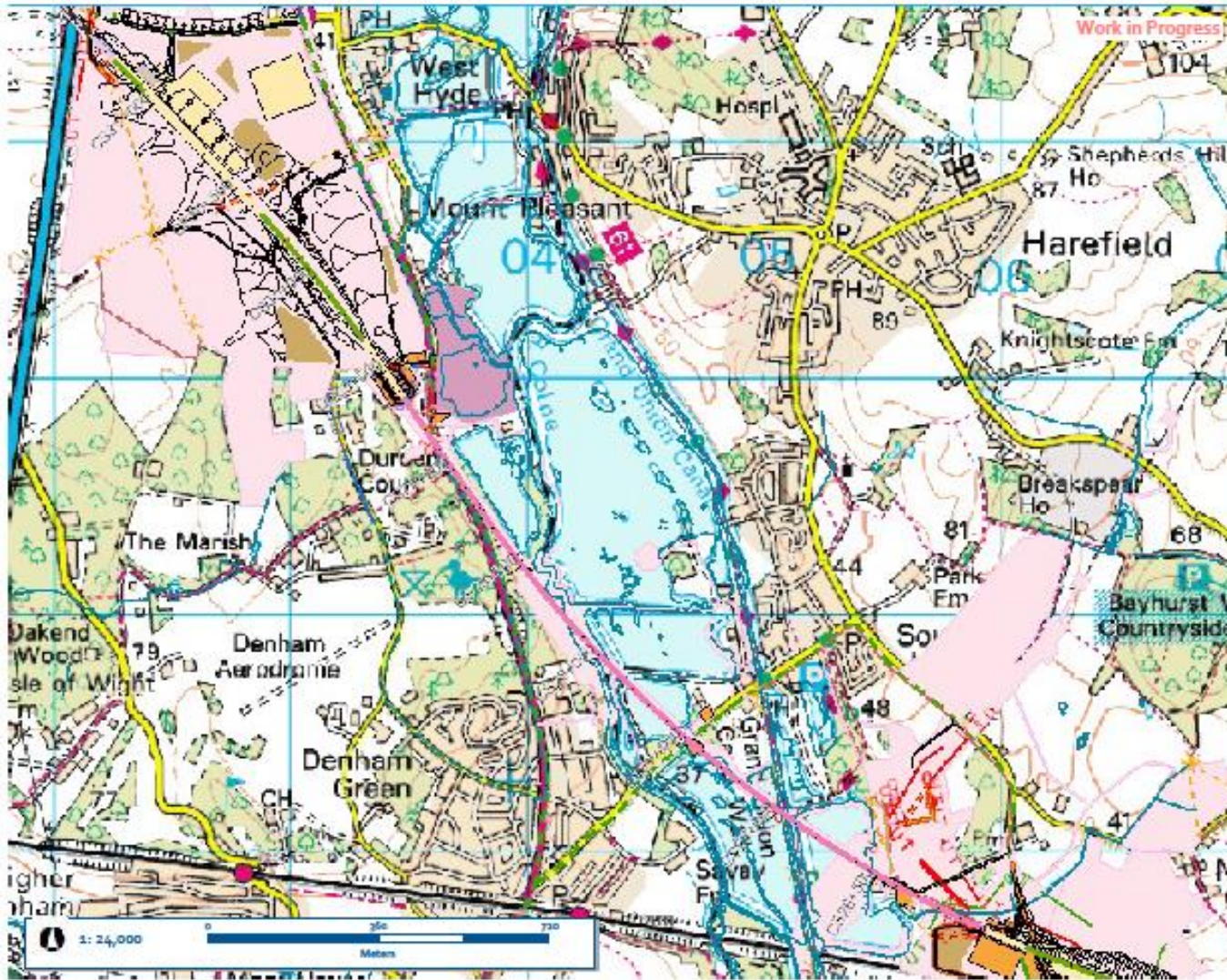
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Paul New, Senior Interface Manager,  
October 2015

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Chainage

High Speed routes formation

- At Grade
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- Bottom of slope
- Bottom of slope (non-rail)
- Symbols (non-rail)
- Symbols (rail)
- Top of slope
- Top of slope (non-rail)
- Foundations (non-rail)
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- Existing watercourse

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# Brief description of main works

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- Colne Valley South Embankment
- Colne Valley Viaduct (Denham to West Hyde)
- Colne Valley North Embankment
- Tilehouse Lane Cutting
- West Hyde Embankment
- Chiltern Tunnel South Cutting
- Mitigation earthworks around Tilehouse Lane cutting and West Hyde embankment
- Auto-transformer station

# Subsidiary works

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- Ground investigation and ecology surveys
- Relocation of HOAC
- Repositioning of overhead power lines
- Temporary shut down (temporary alternative supply) / treatment plant for pumping stations North Moor, Blackford
- Realigned Tilehouse Lane and new bridge

# Caveats

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- Programme is provisional
- Main works contractor will be appointed end 2016
- Contractor will carry out detailed design, detailed construction planning and final programming, **within constraints of Hybrid Bill** (incl. EMR) / U&As

# Sequence of activities

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1. Royal Assent to Hybrid Bill (Dec. 2016)
2. Relocation of HOAC (2016Q4 – 2018Q1)
3. Site set-up, northern section (**NW of towing path**) (2017-2018Q1)
4. Construction of jetties, cofferdams and piled piers (2018Q2-2021Q1)
5. Deck construction (2019Q4 – 2021Q1)
6. Site set-up, southern section (**SE of towing path**) (2018Q2)
7. Construction of jetties, cofferdams and piled piers (2018Q3-2020Q2)
8. Deck construction (2019Q2 – 2021Q3)
9. Construct auto-transformer station (2021Q1-2021Q2)