#### HS<sub>2</sub> Phase One Planning Forum

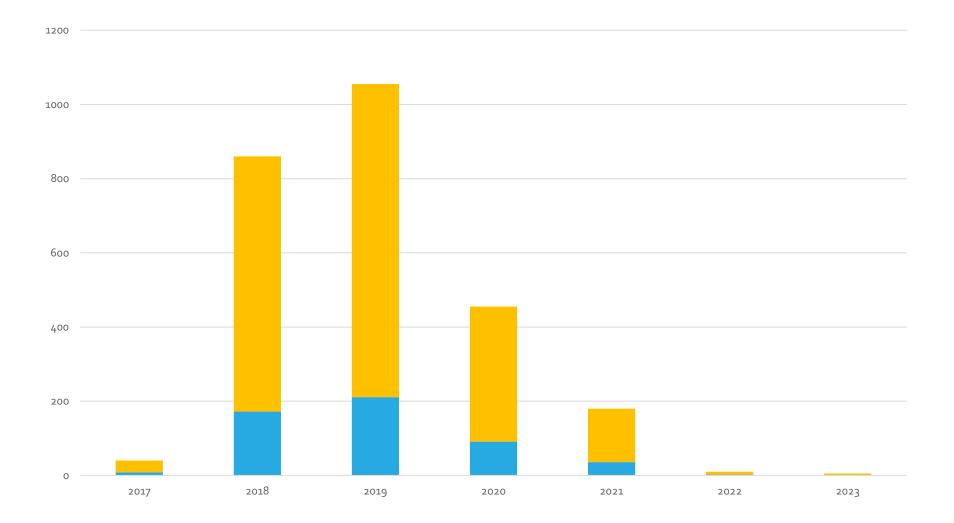


#### Introduction to Construction Programme

## Phase One: high-level delivery schedule

	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Royal Assent											
Scheme Design											
Enabling Works											
Civils Works											
Railway Systems											
Testing and commissioning											
Entry into Service											

## **Planning Consents: Indicative programme**



## **Enabling Works & Planning Consents**

- Ecology surveys
- Archaeology surveys & investigations
- Utility diversions
- Highway & footpath diversions
- Habitat creation & species translocation
- Construction compound establishment

- Class approval
- Lorry routes
- Site accommodation
- Plans & specs



## Main Works & Planning Consents

- Enabling works contd.
- Civils and station design and construction
- Class approval
- Lorry routes
- Site accommodation
- Plans & specs
- Site restoration
- Bringing into use
- Clause 49



## Indicative plans and specs programme – South

Year		2017				20	18			20	19		2020			
Quarter	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Euston Station																
Adelaide Road vent shaft																
Alexandra Place vent shaft																
Canterbury Works vent shaft																
Old Oak Common Station																
Westgate vent shaft																
Greenway Park vent shaft																
Mandeville Road vent shaft																
South Ruislip vent shaft																

# Indicative plans and specs programme – Central

Year			20	18			20	19		2020						
Quarter	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Colne Valley viaduct																
Chiltern Tunnels																
Chalfont St Peter vent shaft																
Chalfont St Giles vent shaft																
Amersham vent shaft																
Little Missenden vent shaft																
Chesham Road vent shaft																
Wendover Dean viaduct																
Small Dean viaduct																
Wendover green tunnel																
Thame Valley viaduct																
Calvert IMD																
Westbury viaduct																
Greatworth green tunnel																

### Indicative plans and specs programme – Central

Year	2017				20	18			20	19		2020				
Quarter	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Lower Thorpe viaduct																
Edgecote viaduct																
Chipping Warden green tunnel																
Oxford Canal viaduct																
Lwr Radbourne south viaduct																
Lwr Radbourne north viaduct																
River Itchen viaduct																

## Indicative plans and specs programme – North

Year		20	17			20	18			20	19		2020			
Quarter	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Long Itchington Wood Tunnel																
Longhole viaduct																
River Leam viaduct																
River Avon viaduct																
Finham Brook viaduct																
Canley Brook viaduct																
Burton Green Tunnel																
Balsall Common viaduct																
Marsh Farm viaduct																
River Blythe viaduct																
People Mover Depot																
Birmingham Interchange																
People Mover																

## Indicative plans and specs programme – North

Year		2017				20	18			20	19		2020			
Quarter	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
River Tame viaduct																
Bromford Tunnel																
Washwood Heath depot																
Duddeston Junction viaduct																
Curzon Street viaduct 1																
Curzon Street viaduct 2																
Curzon Street viaduct 3																
Curzon Street station																