

A12 Chelmsford to A120 widening scheme

TR010060

2.2 WORKS PLANS

APFP Regulation 5(2)(j)

Planning Act 2008

Infrastructure Planning (Applications: Prescribed
Forms and Procedure) Regulations 2009

Volume 2

June 2023

Infrastructure Planning

Planning Act 2008

A12 Chelmsford to A120 widening scheme

Development Consent Order 202[]

WORKS PLANS

| | |
|---|--|
| Regulation Reference | Regulation 5(2)(j) |
| Planning Inspectorate Scheme Reference | TR010060 |
| Application Document Reference | TR010060/APP/2.2 |
| Author | A12 Project Team and National Highways |

| Version | Date | Status of Version |
|----------------|-------------|--------------------------|
| P03 | June 2023 | DCO Change |

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1 Introduction

1.1 General

- 1.1.1 National Highways (the Applicant) has submitted an application under section 37 of the Planning Act 2008 (the “2008 Act”) to the Secretary of State for Transport via the Planning Inspectorate (the Inspectorate) for an order to grant development consent for the A12 Chelmsford to A120 widening scheme (the proposed scheme).
- 1.1.2 The Works Plans (‘these Plans’) have been prepared to accompany the application for a Development Consent Order (DCO), made by the Applicant to the Secretary of State for Transport via the Planning Inspectorate.
- 1.1.3 The proposed scheme comprises improvements to the A12 between junction 19 (Boreham interchange) and junction 25 (Marks Tey interchange), a distance of approximately 24km, or 15 miles. The proposed scheme involves widening the A12 to three lanes throughout (where it is not already three lanes) with a bypass between junctions 22 and 23 and a second bypass between junctions 24 and 25. It also includes safety improvements, including closing off existing private and local direct accesses onto the main carriageway, and providing alternative provision for walkers, cyclists, and horse riders (WCH) to existing routes along the A12, which would be removed. A detailed description of the proposed scheme can be found in Chapter 2 of the Environmental Statement [TR010060/APP/6.1].
- 1.1.4 These Plans comprise part of the DCO application documentation and are included in compliance with Regulation 5(2)(j) of the Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 (the 2009 Regulations), which requires:
- ‘5(2)(j) a works plan showing, in relation to existing features:*
- (i) the proposed location or (for a linear scheme) the proposed route and alignment of the development and works; and*
 - (ii) the limits within which the development and works may be carried out and any limits of deviation provided for in the draft order’.*
- 1.1.5 These Plans are also being submitted under Regulation 5(4) of the 2009 Regulation which states:
- ‘Where a plan comprises three or more separate sheets a key plan must be provided showing the relationship between the different sheets’.*

WORKS PLANS

- 1.1.6 As these Plans are part of the DCO application documentation, they should be read alongside (and are informed by) the other Application Documents, in particular, the draft DCO [TR010060/APP/3.1].
- 1.1.7 These Plans are split into three sets: Works Plans – Permanent Works; Works Plans – Temporary Works; and Works Plans – Utility Diversions.
- 1.1.8 The ‘Limits of Deviation for Permanent Works’ shown on the ‘Works Plans – Permanent Works’ have been drafted to allow for flexibility to accommodate changes and optimisation within the detailed design process. Requirement 10 provides that the authorised development must be in accordance with the preliminary design. Further, the ability to vary the design will be limited by what is possible from an engineering perspective such as road alignment geometry and the hydraulics of drainage ponds and their associated outfalls and pipe networks, whilst maintaining the commitments made in the REAC.

2 Schedule of plans included in this Application Document

| Drawing number | Drawing title | Revision |
|------------------------------------|--|----------|
| 2.2 WORKS PLANS | | |
| HE551497-JAC-LDC-SCHW-DR-C-0922 | DCO Works Plans - Legend | P03 |
| HE551497-JAC-LDC-SCHW-DR-C-0900 | DCO Works Plans - Key Plan | P02 |
| 2.2.1 PERMANENT WORKS PLANS | | |
| HE551497-JAC-LDC-SCHW-DR-C-0901 | DCO Works Plans - Permanent Works - Sheet 01 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-0902 | DCO Works Plans - Permanent Works - Sheet 02 of 21 | P04 |
| HE551497-JAC-LDC-SCHW-DR-C-0903 | DCO Works Plans - Permanent Works - Sheet 03 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-0904 | DCO Works Plans - Permanent Works - Sheet 04 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-0905 | DCO Works Plans - Permanent Works - Sheet 05 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-0906 | DCO Works Plans - Permanent Works - Sheet 06 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-0907 | DCO Works Plans - Permanent Works - Sheet 07 of 21 | P02 |

WORKS PLANS

| Drawing number | Drawing title | Revision |
|---------------------------------|---|----------|
| HE551497-JAC-LDC-SCHW-DR-C-0908 | DCO Works Plans - Permanent Works - Sheet 08 of 21 | P02 |
| HE551497-JAC-LDC-SCHW-DR-C-0909 | DCO Works Plans - Permanent Works - Sheet 09 of 21 | P02 |
| HE551497-JAC-LDC-SCHW-DR-C-0910 | DCO Works Plans - Permanent Works - Sheet 10 of 21 | P02 |
| HE551497-JAC-LDC-SCHW-DR-C-0911 | DCO Works Plans - Permanent Works - Sheet 11 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-0912 | DCO Works Plans - Permanent Works - Sheet 12 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-0913 | DCO Works Plans - Permanent Works - Sheet 13 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-0914 | DCO Works Plans - Permanent Works - Sheet 14 of 21 | P03 |
| HE551497-JAC-LDC-SCHW-DR-C-0915 | DCO Works Plans - Permanent Works - Sheet 15 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-0916 | DCO Works Plans - Permanent Works - Sheet 16 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-0917 | DCO Works Plans - Permanent Works - Sheet 17 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-0918 | DCO Works Plans - Permanent Works - Sheet 18 of 21 | P02 |
| HE551497-JAC-LDC-SCHW-DR-C-0919 | DCO Works Plans - Permanent Works - Sheet 19 of 21 | P02 |
| HE551497-JAC-LDC-SCHW-DR-C-0920 | DCO Works Plans - Permanent Works - Sheet 20 of 21 | P02 |
| HE551497-JAC-LDC-SCHW-DR-C-0921 | DCO Works Plans - Permanent Works - Sheet 21 of 21 | P01 |
| 2.2.2 UTILITY DIVERSIONS | | |
| HE551497-JAC-LDC-SCHW-DR-C-1931 | DCO Works Plans - Utility Diversions - Sheet 01 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-1932 | DCO Works Plans - Utility Diversions - Sheet 02 of 21 | P03 |
| HE551497-JAC-LDC-SCHW-DR-C-1933 | DCO Works Plans - Utility Diversions - Sheet 03 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-1934 | DCO Works Plans - Utility Diversions - Sheet 04 of 21 | P01 |

WORKS PLANS

| Drawing number | Drawing title | Revision |
|------------------------------------|---|----------|
| HE551497-JAC-LDC-SCHW-DR-C-1935 | DCO Works Plans - Utility Diversions - Sheet 05 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-1936 | DCO Works Plans - Utility Diversions - Sheet 06 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-1937 | DCO Works Plans - Utility Diversions - Sheet 07 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-1938 | DCO Works Plans - Utility Diversions - Sheet 08 of 21 | P02 |
| HE551497-JAC-LDC-SCHW-DR-C-1939 | DCO Works Plans - Utility Diversions - Sheet 09 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-1940 | DCO Works Plans - Utility Diversions - Sheet 10 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-1941 | DCO Works Plans - Utility Diversions - Sheet 11 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-1942 | DCO Works Plans - Utility Diversions - Sheet 12 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-1943 | DCO Works Plans - Utility Diversions - Sheet 13 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-1944 | DCO Works Plans - Utility Diversions - Sheet 14 of 21 | P03 |
| HE551497-JAC-LDC-SCHW-DR-C-1945 | DCO Works Plans - Utility Diversions - Sheet 15 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-1946 | DCO Works Plans - Utility Diversions - Sheet 16 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-1947 | DCO Works Plans - Utility Diversions - Sheet 17 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-1948 | DCO Works Plans - Utility Diversions - Sheet 18 of 21 | P02 |
| HE551497-JAC-LDC-SCHW-DR-C-1949 | DCO Works Plans - Utility Diversions - Sheet 19 of 21 | P02 |
| HE551497-JAC-LDC-SCHW-DR-C-1950 | DCO Works Plans - Utility Diversions - Sheet 20 of 21 | P02 |
| HE551497-JAC-LDC-SCHW-DR-C-1951 | DCO Works Plans - Utility Diversions - Sheet 21 of 21 | P01 |
| 2.2.3 TEMPORARY WORKS PLANS | | |
| HE551497-JAC-LDC-SCHW-DR-C-0961 | DCO Works Plans - Temporary Works - Sheet 01 of 21 | P01 |

























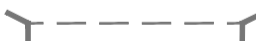




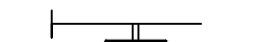
WORKS PLANS

| Drawing number | Drawing title | Revision |
|---------------------------------|--|----------|
| HE551497-JAC-LDC-SCHW-DR-C-0962 | DCO Works Plans - Temporary Works - Sheet 02 of 21 | P02 |
| HE551497-JAC-LDC-SCHW-DR-C-0963 | DCO Works Plans - Temporary Works - Sheet 03 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-0964 | DCO Works Plans - Temporary Works - Sheet 04 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-0965 | DCO Works Plans - Temporary Works - Sheet 05 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-0966 | DCO Works Plans - Temporary Works - Sheet 06 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-0967 | DCO Works Plans - Temporary Works - Sheet 07 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-0968 | DCO Works Plans - Temporary Works - Sheet 08 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-0969 | DCO Works Plans - Temporary Works - Sheet 09 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-0970 | DCO Works Plans - Temporary Works - Sheet 10 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-0971 | DCO Works Plans - Temporary Works - Sheet 11 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-0972 | DCO Works Plans - Temporary Works - Sheet 12 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-0973 | DCO Works Plans - Temporary Works - Sheet 13 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-0974 | DCO Works Plans - Temporary Works - Sheet 14 of 21 | P03 |
| HE551497-JAC-LDC-SCHW-DR-C-0975 | DCO Works Plans - Temporary Works - Sheet 15 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-0976 | DCO Works Plans - Temporary Works - Sheet 16 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-0977 | DCO Works Plans - Temporary Works - Sheet 17 of 21 | P01 |
| HE551497-JAC-LDC-SCHW-DR-C-0978 | DCO Works Plans - Temporary Works - Sheet 18 of 21 | P02 |
| HE551497-JAC-LDC-SCHW-DR-C-0979 | DCO Works Plans - Temporary Works - Sheet 19 of 21 | P02 |





WORKS PLANS

| Drawing number | Drawing title | Revision |
|---------------------------------|--|----------|
| HE551497-JAC-LDC-SCHW-DR-C-0980 | DCO Works Plans - Temporary Works - Sheet 20 of 21 | P02 |
| HE551497-JAC-LDC-SCHW-DR-C-0981 | DCO Works Plans - Temporary Works - Sheet 21 of 21 | P01 |






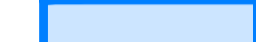
LEGEND (PERMANENT WORKS)

-  ORDER LIMITS
-  ORDER LIMITS EXCLUSION ZONE
-  ADMINISTRATIVE BOUNDARY
-  WORK CENTERLINE
-  COMMENCEMENT OF LINEAR WORKS
-  TERMINATION OF LINEAR WORKS
-  ROUNDABOUT WORKS - COMMENCEMENT AND TERMINATION POINT
-  ATTENUATION POND
-  PROPOSED ATTENUATION POND OUTFALL CONNECTION
-  PROPOSED RETAINING WALL
-  EXISTING RETAINING WALL
-  LIMITS OF DEVIATION OF FLOOD MITIGATION AREA
-  LIMITS OF DEVIATION FOR PERMANENT WORKS
-  BORROW PITS - RESTORATION WORKS
-  PROPOSED CUT-OFF DITCH
-  EXISTING DITCH / MINOR WATERCOURSE (TO BE RETAINED)
-  EXISTING DITCH / MINOR WATERCOURSE (TO BE REALIGNED)
-  EXISTING DITCH / MINOR WATERCOURSE (TO BE ABANDONED)
-  NEW OR MODIFIED BRIDGE DECK
-  EXISTING BRIDGE DECK
-  NEW FOOTPATH / BRIDLEWAY
-  EXISTING PUBLIC RIGHT OF WAY
-  NEW STANDALONE CYCLE TRACK
-  EXISTING CULVERT (TO BE RETAINED)
-  PROPOSED CULVERT - MINOR WATERCOURSE
-  EXISTING CULVERT (TO BE EXTENDED)
-  EXISTING CULVERT (TO BE ABANDONED)
-  PRIVATE MEANS OF ACCESS
-  PROPOSED TECHNOLOGY GANTRY (CANTILEVER)
-  PROPOSED TECHNOLOGY GANTRY

LEGEND (TEMPORARY WORKS)

-  ORDER LIMITS
-  ORDER LIMITS EXCLUSION ZONE
-  ADMINISTRATIVE BOUNDARY
-  MAIN COMPOUNDS
-  SATELLITE COMPOUNDS
-  TRAFFIC MANAGEMENT RECOVERY AREA
-  TEMPORARY CAR PARK
-  BORROW PIT - EXCAVATION WORKS
-  HAUL ROADS
-  TEMPORARY ROADS
-  LIMITS OF DEVIATION - TEMPORARY WORKS
-  TEMPORARY BRIDGE
-  TEMPORARY OFFICE FOR THIRD PARTY
-  TEMPORARY PRIVATE MEANS OF ACCESS
-  TEMPORARY GAS CROSSING
-  LIMITS OF DEVIATION SEPARATION

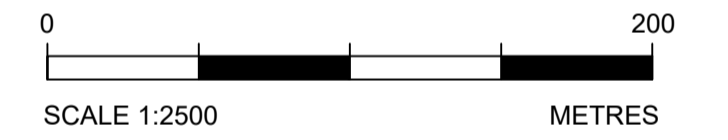
LEGEND (UTILITY DIVERSIONS)

-  ORDER LIMITS
-  ORDER LIMITS EXCLUSION ZONE
-  ADMINISTRATIVE BOUNDARY
-  SINGLE UTILITY
-  MULTIPLE UTILITIES
-  LIMITS OF DEVIATION - UTILITIES

NOTES

THIS WORKS PLANS LEGEND SHOULD BE READ IN CONJUNCTION WITH:

1. THE LOCATION KEY PLAN.
2. THE WORKS PLANS DRAWINGS.



| P01 | 01/08/22 | FINAL FOR DCO SUBMISSION | ES | WD | CA | DT |
|-----|-----------|--------------------------|-------|---------|-------|---------|
| P02 | 26/09/22 | POST-DCO ACCEPTANCE | RK | CA | RM | RM |
| P03 | 30/09/22 | POST-DCO ACCEPTANCE | ES | CA | RM | RM |
| Rev | Rev. Date | Purpose of revision | Drawn | Checked | Rev'd | Apprv'd |

| | | | |
|-----------------------------------|----------|---|------------------|
| Development Consent Order Number: | TR010060 | Development Consent Order Drawing Number: | TR010060/APP/2.2 |
|-----------------------------------|----------|---|------------------|



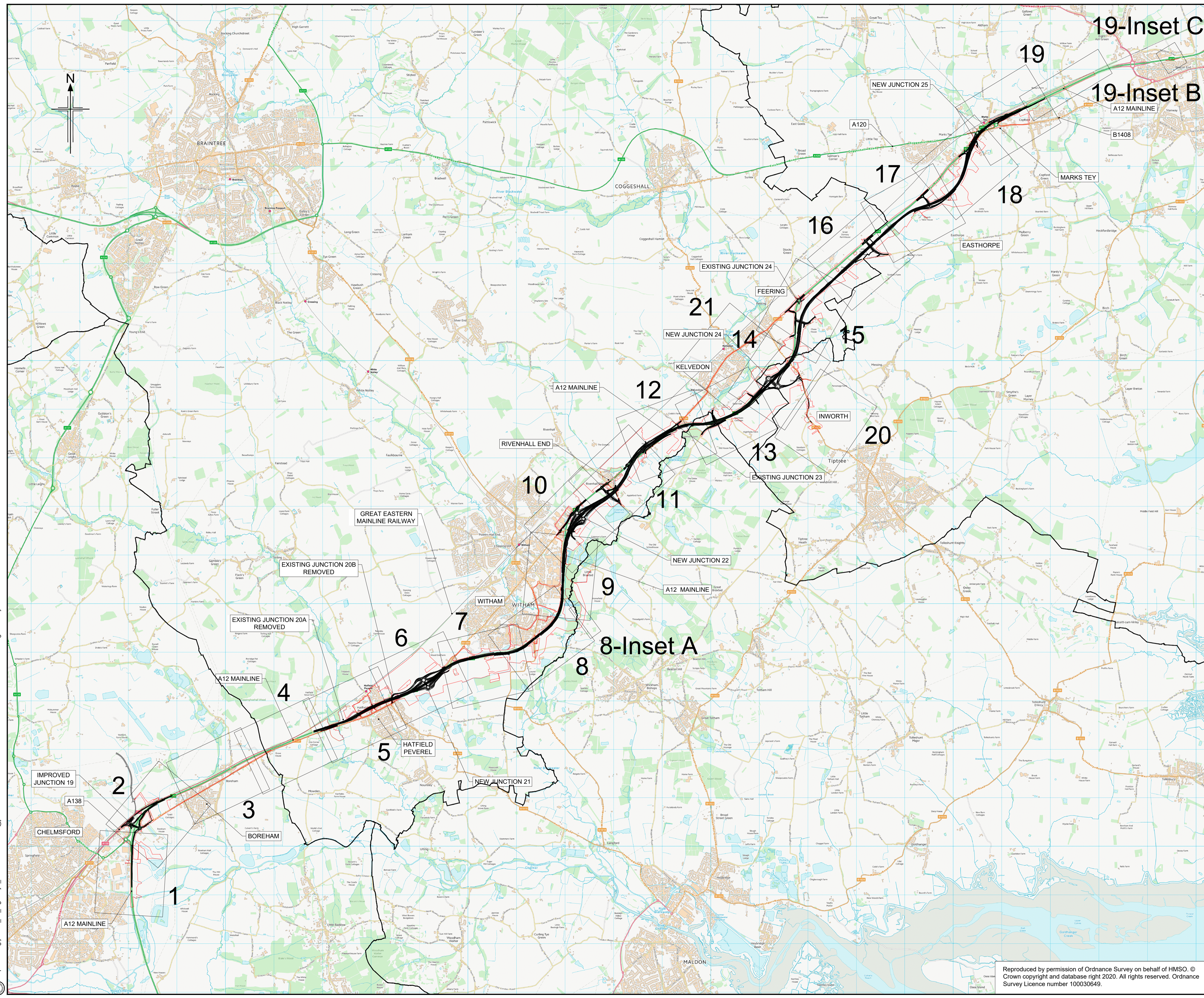
Project
A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title
WORKS PLANS LEGEND

| | | | |
|-------------------------|---------------------------------|----------------|-----|
| Regulation | REGULATION 5(2)(j) | | |
| Purpose of issue | DCO APPLICATION | | |
| State Code | Statutory Procedures and Powers | | |
| Project Stage | PCF4 | Drawing status | S4 |
| Scale at A1 (841x594mm) | | | |
| Jacobs No. | B36601D1 | Rev | P03 |
| Client no. | HE551497 | | |

| | | | | | |
|----------------|----------|------------|------|--------|---------|
| Drawing number | HE551497 | Originator | JAC | Volume | LDC |
| Location | SCHW | Role | -DR- | Number | C -0922 |

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NOTES
 1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.

LEGEND
 [Red line] ORDER LIMITS
 [Black line] ADMINISTRATIVE BOUNDARY

| | | | | | | |
|-----------------------------------|-----------|--------------------------|---|---------|-------|--------|
| P01 | 01/08/22 | FINAL FOR DCO SUBMISSION | ES | WD | CA | DT |
| P02 | 12/05/23 | DCO CHANGE | AE | LH | RM | RM |
| Rev | Rev. Date | Purpose of revision | Drawn | Checked | Rev'd | Appr'd |
| Development Consent Order Number: | | | Development Consent Order Drawing Number: | | | |
| TR010060 | | | TR010060/APP/2.2 | | | |



Client: national highways

Project: A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title: WORKS PLANS KEY PLAN

| | | |
|-------------------------|---------------------------------|-------------------|
| Regulation | REGULATION 8(1)(k) | |
| Purpose of issue | DCO EXAM | |
| State Code | Statutory Procedures and Powers | |
| Project Stage | PCF 4 | Drawing status S4 |
| Scale at A1 (841x594mm) | | |
| Jacobs No. | B36601D1 | Rev P02 |
| Client no. | HE551497 | |

Drawing number: HE551497 - JAC - LDC - SCHW
 Originator: JAC
 Volume: -DR- C -0900

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