

BT-NG-020621-545-0281

Bramford to Twinstead Reinforcement

Volume 8: Examination Submissions

**Document 8.8.9: Technical Note on Public Right of Way Closure
Sequencing**

**Final Issue A
December 2023**

Planning Inspectorate Reference: EN020002

**The Infrastructure Planning (Examination Procedure) Rules 2010
Regulation 8(1)(k)**

Page intentionally blank

Contents

Executive Summary	1
1 Introduction	2
1.1 Purpose of this Document	2
1.2 Overview of Existing Documents	2
2 Sequencing of Public Right of Way Interactions	4
2.1 Indicative Public Right of Way Interaction Dates	4
2.2 Concurrent Public Rights of Way Interactions	4
2.3 Multiple Interactions on Individual PRow	11
3 Conclusion	13
3.1 Summary	13
Appendix 1: Indicative Dates for Public Right of Way Interactions	14

Executive Summary

Introduction

This Technical Note reports indicative dates when interactions would occur between the Bramford to Twinstead Reinforcement ('the project') during construction and Public Rights of Way (PRoW). It also provides a preliminary assessment of the impacts of the timing of those interactions, both in terms of concurrent closures of PRoW and of multiple closures of the same PRoW. This Technical Note has been produced in response to a request from Suffolk County Council (SCC) to provide information on the sequencing of PRoW (as referenced in the Deadline 5 Submission - 8.7.3: Applicant's Comments on Other Submissions Received at Deadline 4 [REP5-025]).

The indicative dates and the assessment presented in this Technical Note represent the Applicant's current assumptions on the sequencing of project interactions with PRoW, based on a preliminary design and programme for the project. The Applicant will provide more detail of PRoW interactions once a Main Works Contractor has been appointed and a detailed design has been developed. However, it should be noted that construction programmes are not fixed and changes to the sequence and duration of activities can occur during construction for a number of reasons. Therefore, even following detailed design the programme of closures cannot be fixed.

Assessing the Sequencing of Public Right of Way Interactions

Appendix 1 of this Technical Note provides a list of indicative dates (quarters) when temporary PRoW interactions with the project could occur, based on the preliminary design and the Proposed Alignment shown in Figure 4.1 of the Environmental Statement (ES) [PDA-002]. The Appendix 1 data was analysed to generate an indicative count of PRoW interactions with the project that could occur at different times in the construction programme, distinguishing between interactions requiring a PRoW closure and those where access along the PRoW would be managed. This analysis indicates that concurrent interactions between the project and PRoW over the duration of the construction programme and the geographic area of the project are unlikely to result in any significant cumulative impacts on PRoW users.

Appendix 1 was also analysed to understand the potential for cumulative impacts from multiple interactions with the same PRoW. The results of this analysis indicate that it is also very unlikely that any significant cumulative impacts would occur. Many PRoW are only subject to a single interaction with the project, and those subject to multiple interactions are typically impacted for a maximum of three occasions longer than a day across the four-year construction programme. Two PRoW would be subject to more than three such impacts: one had no recorded use during a recent survey and the other is not likely to be well used based on the assessment undertaken and reported in ES Chapter 12: Traffic and Transport [APP-080].

Conclusions

Significant cumulative effects on PRoW users due to concurrent PRoW closures and multiple interactions on the same PRoW are unlikely. This is because of the short-term nature of the interactions, the distribution of construction activity across the construction programme, the geographic area of the project, and the general low level of recorded use on PRoW (established during multiple survey programmes).

The Applicant has produced a Public Rights of Way Management Plan (PRoWMP) (**Document 8.5.8 (B)**), which states that details of the PRoW interactions with the project will be '*subject to discussion with the PRoW Officers at Essex and Suffolk County Councils. This would include management to prevent concurrent closures which may compound impact on PRoW users... All work will be prepared as far as possible in advance to limit the impact on the PRoW and the users of it.*

1 Introduction

1.1 Purpose of this Document

- 1.1.1 This Technical Note reports indicative dates when interactions could occur between the Bramford to Twinstead Reinforcement ('the project') during construction and Public Rights of Way (PRoW). It also provides a preliminary assessment of the impacts of the timing of interactions, both in terms of concurrent impacts on PRoW and of multiple impacts on the same PRoW. This Technical Note has been produced in response to a request from Suffolk County Council (SCC) for further detail on the sequencing of PRoW interactions with the project (referenced in the Deadline 5 Submission - 8.7.3: Applicant's Comments on Other Submissions Received at Deadline 4 [REP5-025]). This detail is not considered necessary to inform the Environmental Statement and provides detail over and above what would normally be produced at this stage in the design process. However, it has been provided to assist SCC's understanding of the nature of the proposals.
- 1.1.2 The information provided in this Technical Note builds on the information provided in Appendix A of the Public Rights of Way Management Plan (PRoWMP), submitted at Deadline 3 and further updated at Deadline 6 (**Document 8.5.8 (B)**). The indicative dates and the resultant assessment reported in this Technical Note represent the Applicant's current assumptions on the sequencing of project interactions with PRoW, based on a preliminary design and programme for the project. The Applicant will provide more refined details of PRoW interactions once a Main Works Contractor has been appointed and a detailed design has been developed. However, it should be noted that construction programmes are not fixed and changes to the sequence and duration of activities can occur during construction for a number of reasons. Therefore, even following detailed design the programme of closures cannot be secured with certainty.

1.2 Overview of Existing Documents

- 1.2.1 Chapter 12: Traffic and Transport of the Environmental Statement (ES) [APP-080] includes an assessment of the temporary effects of the project on PRoW during construction. Details of the assessment on each PRoW are summarised in Table 2.1 in ES Appendix 12.1 [APP-134]. This assessment is robust, proportionate, and in line with relevant guidance, accounting for the temporary and modest nature of project construction impacts. It concludes in paragraph 12.6.6 of ES Chapter 12 [APP-080] that the project would result in no significant effects on PRoW.
- 1.2.2 The PRoWMP (**Document 8.5.8 (B)**) sets out a robust process to manage and reduce project impacts on PRoW throughout the construction programme. This states in paragraph 5.1.5 that *'exact details of the forms of closure will be developed by the Applicant and its contractor and will be subject to discussion with the PRoW Officers at Essex and Suffolk County Councils. This would include management to prevent concurrent closures which may compound impact on PRoW users. For each location where a PRoW is affected by construction work, consideration has been given to limiting the impact on users of PRoW based on a hierarchy of management measures. All work will be prepared as far as possible in advance to limit the impact on the PRoW and the users of it'*.

1.2.3 Appendix A of the PRowMP includes an indicative list of temporary PRow interactions during construction based on the current preliminary design of the project. For each PRow interaction listed, this summarises the nature of the interaction and an indicative interaction duration.

2 Sequencing of Public Right of Way Interactions

2.1 Indicative Public Right of Way Interaction Dates

- 2.1.1 Appendix 1 of this Technical Note provides a list of indicative dates (quarters) when temporary PRow interactions could occur based on the preliminary design and the Proposed Alignment shown in Figure 4.1 of the ES [PDA-002]. Each interaction listed represents a temporary change to a PRow (closure, diversion or management) due to a project construction activity. The dates have been defined by cross-referencing the location of PRow with the location and indicative timing of construction activities.
- 2.1.2 The references in column A of Appendix 1 match those in Appendix A of the PRowMP (**Document 8.5.8 (B)**), which provides a list of project interactions with PRow. References beginning 'PD' in Appendix A of the PRowMP (**Document 8.5.8 (B)**) identify diversion routes for PRow closures. In Appendix 1 of this Technical Note, they have been included in column H to provide more clarity on the relevant PRow closure that they would provide a diversion for.
- 2.1.3 Some minor amendments have also been made in Appendix 1 to the information in Appendix A of the PRowMP (**Document 8.5.8 (B)**) to clarify indicative interaction durations for the purpose of the assessment summarised in this Technical Note. For example, in Appendix A, 'as required' is indicated in the indicative duration column linked to the construction activity referenced as 'access required to change arcing horns on pylons' (see references P-H-2 and P-H-3 for example). In Appendix 1 the indicative duration for this construction activity has been clarified as one day on two occasions during the construction programme (referenced as '2 x 1 day' in column I in Appendix 1).

2.2 Concurrent Public Rights of Way Interactions

- 2.2.1 Table 2.1 below (derived from the data in Appendix 1) provides an indicative count of the number of PRow interactions that could occur at different times in the construction programme. The table distinguishes between interactions requiring a PRow closure and those where access along the PRow would be managed. This typically means that the PRow remains open, but PRow users may be subject to short delays at certain times while construction activities are completed safely. In some cases, it also refers to the installation of scaffolding above PRow to keep them open and short durations where PRow would be used by project vehicles to access adjacent land.
- 2.2.2 Table 2.1 indicates that, in terms of closures lasting longer than a day, there are three peak periods of activity, as follows:
- Q1 in 2025, when nine PRow are closed: four for two weeks, four for four weeks, and one for 12 weeks.
 - Q1 in 2026, when eight PRow are closed, all for four weeks.
 - Q2 in 2028, when seven PRow are closed, all for four weeks.
- 2.2.3 In other quarters, the total number of PRow interactions is limited, or the characteristics of individual interactions would be insubstantial (for example individual closures lasting no more than a day or managed interactions where the PRow would be kept open to users).

- 2.2.4 The closures of PRow for longer than a day in the peak periods identified above are summarised in Tables 2.2, 2.3 and 2.4. In addition to information about the type and duration of closures, these tables also summarise the results of any PRow usage surveys that have been undertaken and (in cases where survey data is not available) the sensitivity rating allocated to each PRow in ES Chapter 12: Traffic and Transport [**APP-080**].
- 2.2.5 In many cases, the PRow listed in Tables 2.2, 2.3 and 2.4 are identified in ES Chapter 12: Traffic and Transport [**APP-080**] as having 'Low' receptor sensitivity (i.e., the desktop review undertaken to inform the ES did not identify any land-uses in the vicinity indicating the PRow is likely to be used frequently). Surveys were not undertaken on PRow with 'Low' sensitivity or on PRow where individual closures are less than four weeks, as impacts on these were assumed to be negligible. For the PRow that were surveyed (either because individual closures are for longer than four weeks or because the PRow was allocated a sensitivity rating of 'Moderate' or above), the tables indicate that daily usage is very low during the week and at weekends.

Table 2.1 – Indicative PRow Interaction Summary (Number of PRow Interactions)

Type of Interaction	Duration of Interaction	Indicative Number of Interactions per Quarter														Total Number of Interactions		
		Q3/2024	Q3/2024 - Q4/2024	Q4/2024	Q1/2025	Q1/2025 - Q3/2025	Q2/2025	Q2/2025 - Q3/2025	Q3/2025	Q1/2026	Q2/2026	Q1/2027	Q2/2027	Q3/2027	Q4/2027		Q2/2028	Circuit 2 (Q4/2024); Circuit 1 (Q3/2027)
Closed >1 day with diversion identified	2 weeks				1									1				2
	4 weeks		1	3	3	1	3	2	2	4				1	4	6		30
	8 weeks												1					1
	12 weeks		1		1										1			3
Closed >1 day without diversion	2 x 1 week											1						1
	2 weeks				3									1				4
	4 weeks				1		2		1	4	2	3	1	2		1		17
Closed >1-day sub-total		0	2	3	9	1	5	2	3	8	2	4	1	5	6	7	0	58
Managed access	2 x 1 day	2															11	13
	1 week									1				1				2
	2 weeks				1				2									3
	4 weeks						1		3	4	2		1	1	3	1		16
	8 weeks												1					1
	12 weeks												1					1
Short-term closure	1 day			1	21				1		1		5	2	6	3		40
Total Number of Interactions		2	2	4	31	1	6	2	9	13	5	5	8	9	15	11	11	134

Table 2.2 – PRow Closures >1 day in Q1 2025 (Indicative Date)

Ref	PRow ref	Interaction Type	Interaction Duration	Notes (Surveys and Receptor Sensitivity Allocation)
P-AB-15	W-318/046/0	Closed with a diversion	4 weeks	Not surveyed: low sensitivity in ES
P-AB-22	W-318/044/0	Closed without a diversion	2 weeks	Not surveyed: <4 weeks closure
P-AB-22	W-318/044/0	Closed without a diversion	2 weeks	Not surveyed: <4 weeks closure
P-AB-24	W-289/031/0	Closed without a diversion	2 weeks	Not surveyed: low sensitivity in ES
P-AB-5	W-174/011/0	Closed with a diversion	2 weeks	Not surveyed: low sensitivity in ES
P-AB-6	W-318/014/0	Closed without a diversion	4 weeks	Not surveyed: low sensitivity in ES
P-AB-8	W-318/031/0	Closed with a diversion	12 weeks	Surveyed in 2023 (12 daily weekday users; 1 daily weekend user)
P-AB-9	W-318/053/0	Closed with a diversion	4 weeks	Not surveyed: low sensitivity in ES
P-G-4	W-171/001/0	Closed with a diversion	4 weeks	Surveyed in 2023 (0 daily users on both weekday and weekend day)

Table 2.3 – PRow Closures >1 day in Q1 2026 (Indicative Date)

Ref	PRow ref	Interaction Type	Interaction Duration	Notes (Surveys and Receptor Sensitivity Allocation)
P-AB-14A	W-318/068/0	Closed with a diversion	4 weeks	Not surveyed: low sensitivity in ES
P-AB-14B	W-289/046/0	Closed with a diversion	4 weeks	Not surveyed: low sensitivity in ES
P-AB-3	W-174/012/0	Closed without a diversion	4 weeks	Not surveyed: low sensitivity in ES
P-AB-4	W-174/010/0	Closed with a diversion	4 weeks	Not surveyed: low sensitivity in ES
P-AB-6	W-318/014/0	Closed without a diversion	4 weeks	Not surveyed: low sensitivity in ES
P-AB-7	W-318/032/0	Closed without a diversion	4 weeks	Surveyed in 2023 (2 daily weekday users; 1 daily weekend user)
P-F-3	W-362/001/0	Closed with a diversion	4 weeks	Not surveyed: low sensitivity in ES
P-G-12	FP 26 58	Closed without a diversion	4 weeks	Surveyed in 2023 (0 daily users on both weekday and weekend day)

Table 2.4 – PRow Closures >1 day in Q2 2028 (Indicative Date)

Ref	PRow ref	Interaction Type	Interaction Duration	Notes (Surveys and Receptor Sensitivity Allocation)
P-AB-11	W-318/056/0	Closed with a diversion	4 weeks	Not surveyed: low sensitivity in ES
P-D-1	W-432/033/0	Closed with a diversion	4 weeks	Surveyed in 2021 (7 daily weekday users; 20 daily weekend users)
P-E-3	W-432/020/0	Closed with a diversion	4 weeks	Surveyed in 2021 (1 daily weekday user; 4 daily weekend users)
P-F-1	W-362/002/0	Closed with a diversion	4 weeks	Not surveyed: low sensitivity in ES
P-G-12	FP 26 58	Closed with a diversion	4 weeks	Surveyed in 2023 (0 daily users on both weekday and weekend day)
P-G-5	FP 7 93	Closed with a diversion	4 weeks	Surveyed in 2021 (9 daily weekday users; 16 daily weekend users)
P-G-8	FP 23 84	Closed without a diversion	4 weeks	Not surveyed: low sensitivity in ES

- 2.2.6 Figures 2.1, 2.2 and 2.3 show the locations of the closures longer than a day in the three peak periods identified above. The maps show that for the most part, PRoW closed during the same quarter are spread over a relatively wide area.
- 2.2.7 Figure 2.1 below indicates for example that in Q1 2025, six PRoW closed for longer than a day are spread over an area of approximately 4km between Pond Hall Road and Church Hill. Figure 2.2 indicates a similar impact in the same area in Q1 2026. Most of the closures shown in the figures would be for four weeks or less, which typically allows for some staggering of closures across the quarter to reduce concurrent interactions.
- 2.2.8 In general, the distribution of PRoW interactions over the duration of the construction programme (as summarised in Table 2.1) and the geographic area of the project means that cumulative impacts on PRoW users due to concurrent PRoW closures are unlikely.

Figure 2.1 – PRoW Closures >1 day in Q1 2025 (Indicative Date)

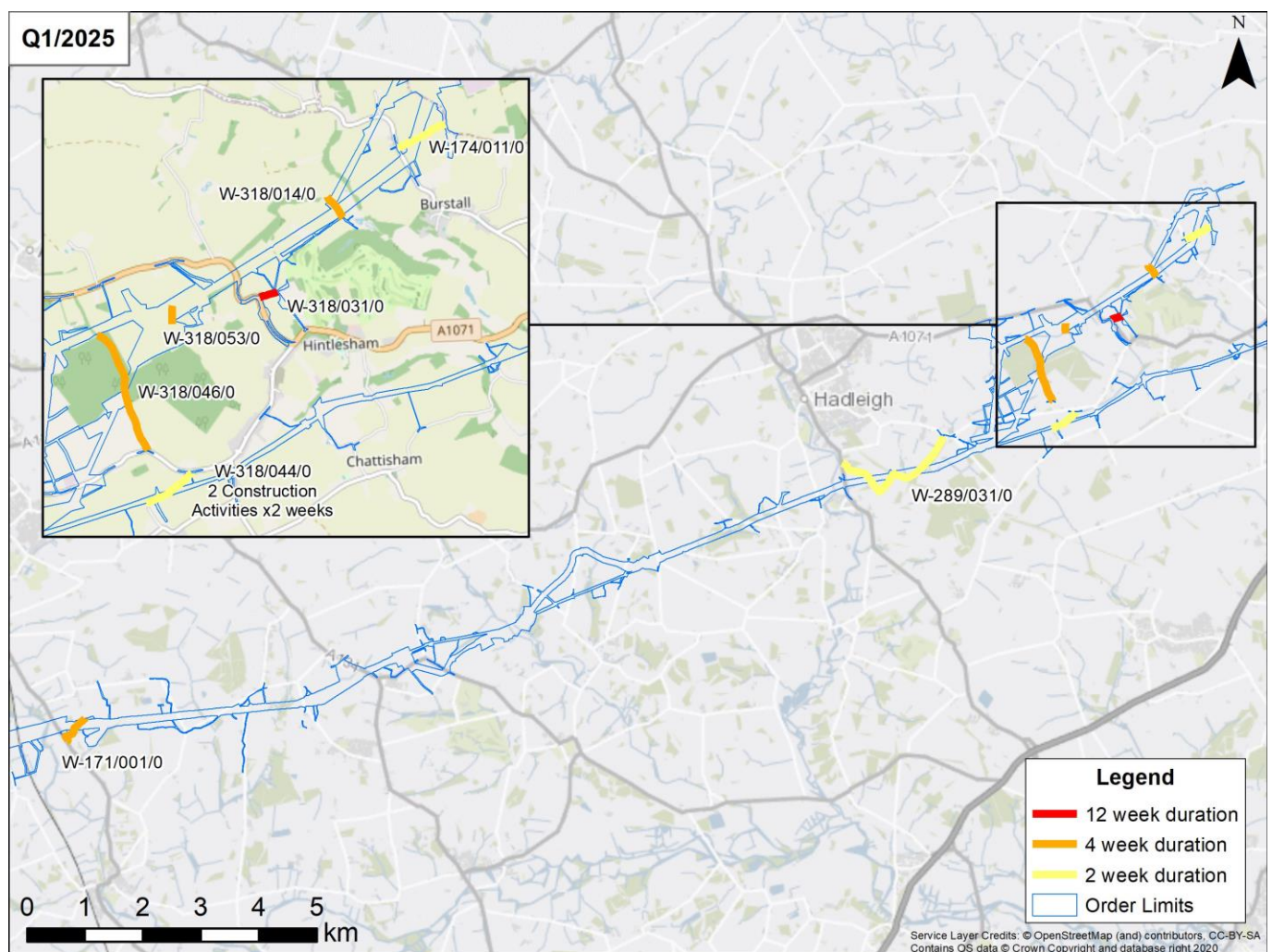


Figure 2.2 – PRoW Closures >1 day in Q1 2026 (Indicative Date)

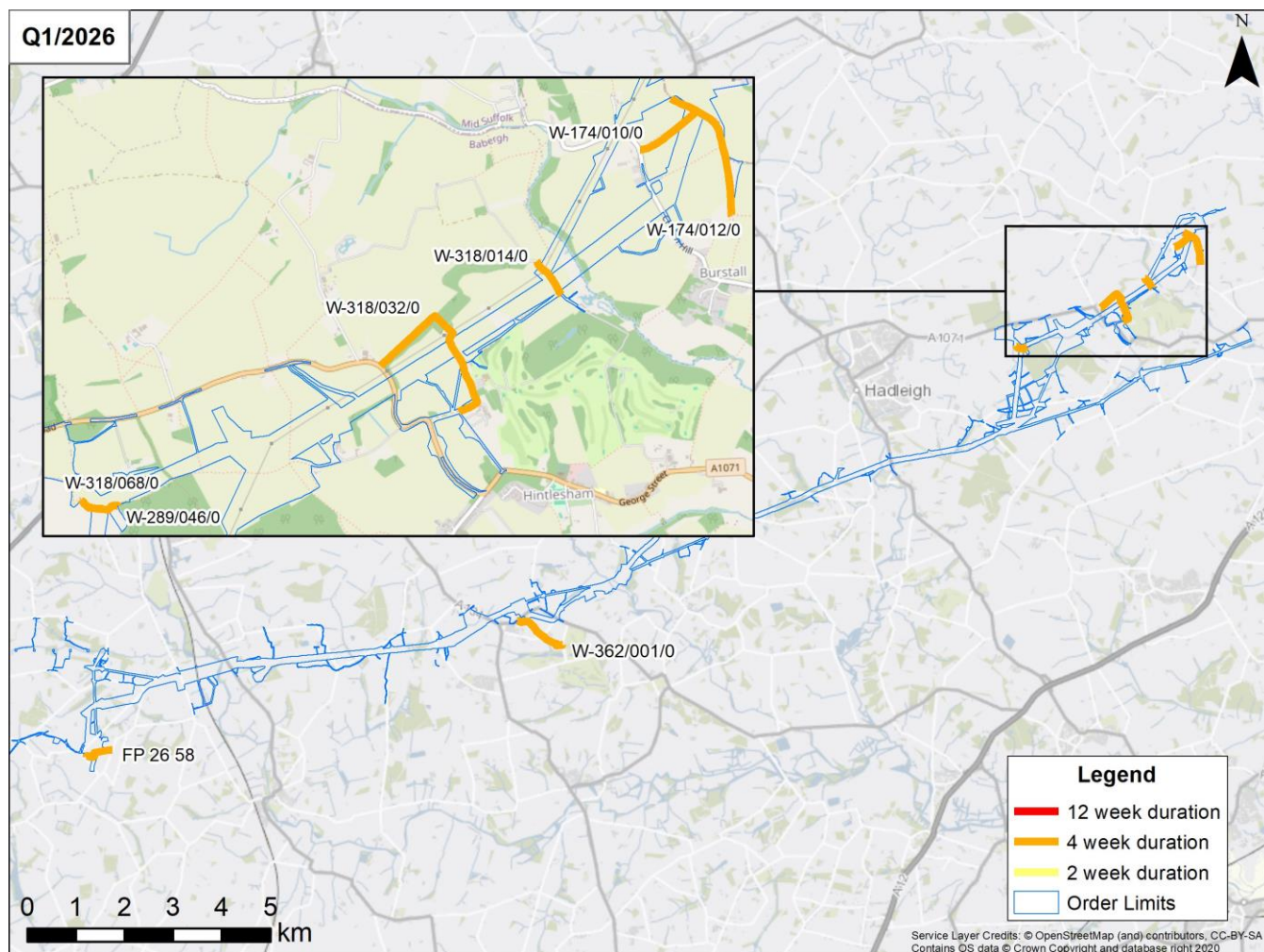
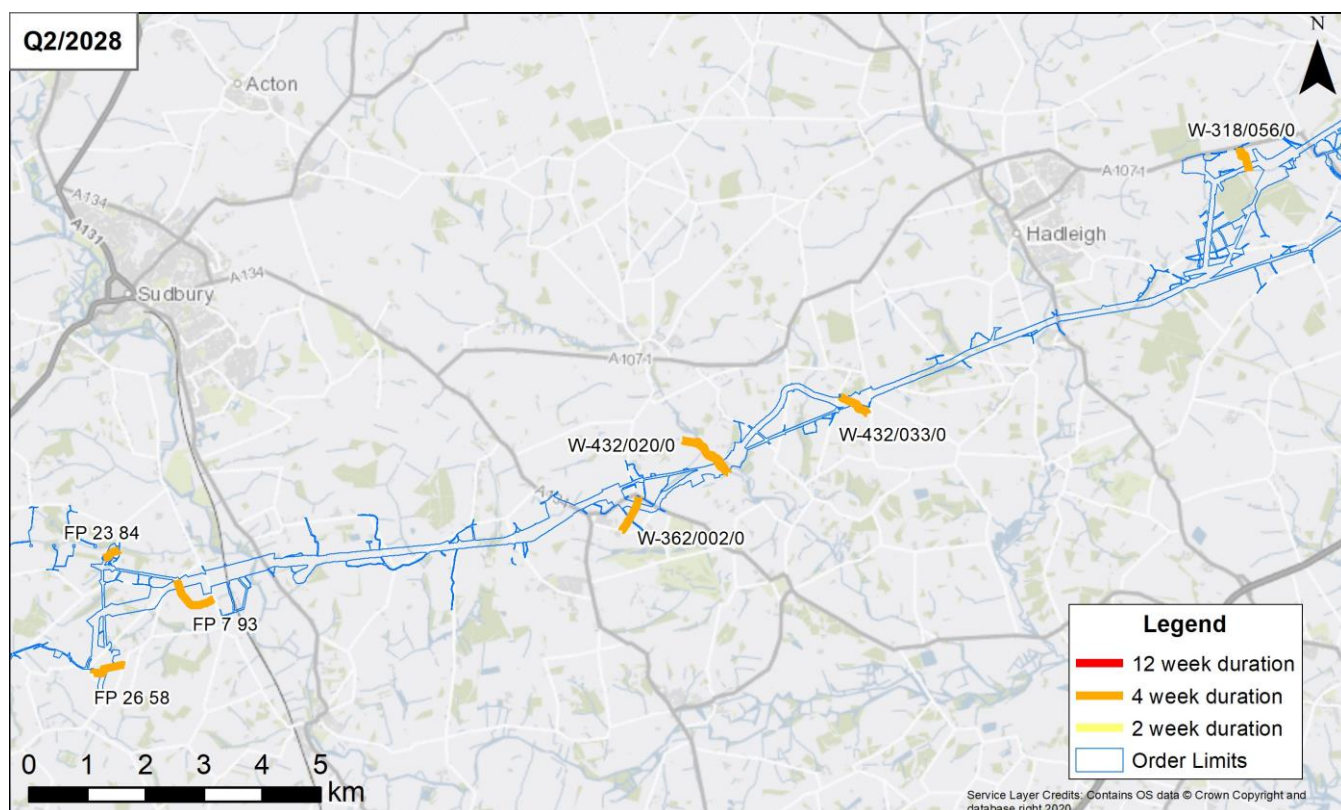


Figure 2.3 – PRoW Closures >1 day in Q2 2028 (Indicative Date)



2.3 Multiple Interactions on Individual PRoW

2.3.1 In addition to concurrent PRoW interactions, the data in Appendix 1 has also been analysed to understand the potential for cumulative impacts from multiple interactions with the same PRoW. In total, 61 PRoW are listed in Appendix 1. Of these, 26 are identified as being subject to a single interaction, with 35 being subject to multiple interactions.

2.3.2 The PRoW subject to multiple interactions are listed in Table 2.5. As indicated, only two PRoW are subject to more than three individual closures of more than a day during the construction programme. These PRoW are:

- FP 26 58: subject to five individual closures (each of four weeks duration) in Q3 2025, Q1 2026, Q1 2027, Q3 2027 and Q2 2028 – this PRoW was surveyed in 2023 and no users were recorded on either the weekday or the weekend survey day.
- W-289/031/0 (P-AB-24): subject to five individual closures (four for four weeks and one for two weeks) in Q1 2025, Q2 2025, Q3 2025, and Q4 2027 – this PRoW runs through agricultural land and woodland and was identified as having low sensitivity during the development of the ES due to the absence of any land uses in the vicinity suggesting it is likely to be used frequently, including by vulnerable users (for example the elderly or children).

2.3.3 It is very unlikely that any cumulative impacts would occur due to multiple closures of the same PRoW. Many PRoW would be only subject to a single interaction, and those subject to multiple interactions would be typically closed for a maximum of three occasions longer than a day across the four-year construction programme. Of the two PRoW with more than three such closures, one had no recorded use during a recent survey and the other is not likely to be well used based on the assessment undertaken and reported in ES Chapter 12: Traffic and Transport [APP-080].

Table 2.5 – Multiple Interactions on the same PRoW

PRoW ref	Number of Interactions by Type				Short-term closure (1 day)	Total Interactions
	Closed >1 day with diversion	Closed >1 day without diversion	Closures >1-day sub-total	Managed access		
FP 11 116	2		2	1		3
FP 13 118	1		1	1		2
FP 16 116			0	1	2	3
FP 17 116			0		3	3
FP 2 116			0	2		2
FP 22 84			0	1	2	3
FP 23 84		2	2		1	3
FP 24 84			0		2	2
FP 26 58	2	3	5	1		6
FP 7 93	2		2			2

PRoW ref	Number of Interactions by Type				Short-term closure (1 day)	Total Interactions
	Closed >1 day with diversion	Closed >1 day without diversion	Closures >1-day sub-total	Managed access		
Hadleigh Railway Walk ¹			0		2	2
W-113/001/0			0	2		2
W-113/007/0		1	1		3	4
W-155/001/0	1	1	2	2		4
W-171/001/0	2		2		1	3
W-171/002/0			0	2		2
W-171/002/X			0	2		2
W-174/009/0			0		3	3
W-174/011/0	2		2	1		3
W-185/002/0			0		2	2
W-289/030/0			0	2		2
W-289/031/0 (P-AB-24)	2	3	5	3		8
W-289/031/0 (P-C-1)	2		2	2		4
W-318/014/0		3	3			3
W-318/031/0	2		2			2
W-318/032/0		1	1		2	3
W-318/044/0		2	2		1	3
W-318/046/0	2		2	2		4
W-318/048/0		3	3		2	5
W-318/053/0	2		2	1		3
W-318/056/0	2		2	1		3
W-318/057/0		1	1		2	3
W-362/002/0	2		2	1		3
W-432/020/0	2		2		1	3
W-432/033/0	2		2		1	3

¹ Hadleigh Railway Walk is not a PRoW but has been included in the assessment as it is (based on survey data) a popular local heritage walk along a disused railway line that crosses the Order Limits.

3 Conclusion

3.1 Summary

- 3.1.1 Effects on PRow during construction would be temporary and short-term, with individual closures typically four weeks or less. These would also be distributed over the duration of the construction programme and the length of the project, with only two PRow subject to more than three closures longer than a day over a four-year period.
- 3.1.2 The 2023 PRow usage surveys (detailed in Appendix C of the Applicant's Response to Issue Specific Hearing 1 Action Points [**REP1-034**]) covered all PRow with individual closures of longer than four weeks, and all PRow allocated a sensitivity rating of 'Moderate' or above in the ES. The results of the 2023 surveys (and previous survey programmes undertaken in 2013 and 2021) have shown that there is very low usage on PRow across the Order Limits, including on weekends (noting the exception of the Hadleigh Railway Walk, which is well used but is not a PRow – as set out in Table 2.5, this route would be subject to two closures of one day throughout the construction programme).
- 3.1.3 Significant cumulative effects on PRow users due to concurrent PRow closures and multiple interactions on the same PRow are therefore unlikely. This is because of the short-term nature of the interactions, the distribution of construction activity across the construction programme and the length of the project, and the low level of recorded use on PRow.
- 3.1.4 The dates of PRow interactions provided in this Technical Note are indicative, based on a preliminary design for the project. The nature of PRow interactions would be determined during the detailed design stage, in common with other Nationally Significant Infrastructure Projects, following the appointment of a Main Works Contractor. However, even at this stage the interactions would be dependent on the sequencing and duration of construction activities, which can change during the construction process.
- 3.1.5 The PRowWMP (**Document 8.5.8 (B)**) states that details of PRow interactions be '*subject to discussion with the PRow Officers at Essex and Suffolk County Councils. This would include management to prevent concurrent closures which may compound impact on PRow users... All work will be prepared as far as possible in advance to limit the impact on the PRow and the users of it.*

Appendix 1: Indicative Dates for Public Right of Way Interactions

Appendix 1 - Bramford to Twinstead Reinforcement - indicative interactions with Public Rights of Way (PRoW)

To be read in conjunction with 8.8.9 Technical Note on Sequencing of Bramford to Twinstead PRoW interactions
13th December 2023

Project reference	PRoW reference	PRoW type	Work location	Work activity at location	Project interaction type	Indicative project interaction duration	Diversion reference (where applicable)	Indicative date (quarter) of project interaction
P-AB-1	W-155/001/0	Bridleway	Access around Bramford Substation	Construction of Haul Road	Closed with a diversion	4 weeks	PD-AB-1	Q4/2024
P-AB-1	W-155/001/0	Bridleway	Dismantling 4YL002-4YL001	Dismantling Conductors of 4YL001-4YL002	Closed without a diversion	2 weeks		Q3/2027
P-AB-1	W-155/001/0	Bridleway	4YL003R	Erection of new Conductor at 4YL003R to the Gantry	Managed	4 weeks		Q2/2027
P-AB-1	W-155/001/0	Bridleway	4YL004R-4YL003R	Erection of new Conductor at 4YL004R-4YL003R	Managed	4 weeks		Q3/2027
P-AB-10	W-318/055/0	Footpath	4YL012A-4YL011	Erection of new Conductor at 4YL012A-4YL011	Closed with a diversion	8 weeks	PD-AB-10	Q3/2027
P-AB-11	W-318/056/0	Footpath	Haul Road to 4YL013A and 4YL012B	Construction of Haul Road	Closed with a diversion	4 weeks	PD-AB-11	Q4/2024
P-AB-11	W-318/056/0	Footpath	Haul Road to 4YL013A and 4YL012B	Removal of Haul Road	Closed with a diversion	4 weeks	PD-AB-11	Q2/2028
P-AB-11	W-318/056/0	Footpath	4YL013A-4YL012B	Erection of new Conductor at 4YL013A-4YL012B	Managed	4 weeks		Q1/2026
P-AB-12	W-318/048/0	Footpath	RB011-RB012	Construction of Haul Road	Short term closure	1 day		Q1/2025
P-AB-12	W-318/048/0	Footpath	RB011-RB012	Removal of Haul Road	Short term closure	1 day		Q4/2027
P-AB-12	W-318/048/0	Footpath	RB11-RB16	Reconductoring of towers RB11-RB16	Closed without a diversion	2 x 1 week		Q1/2027
P-AB-12	W-318/048/0	Footpath	RB12T	Erection of Temporary Tower RB012T	Closed without a diversion	4 weeks		Q1/2027
P-AB-12	W-318/048/0	Footpath	RB010-RB012T	Erection of new Conductor at 4YL010-RB012T	Closed without a diversion	4 weeks		Q1/2027
P-AB-13	W-318/057/0	Footpath	Haul Road to 4YL012B and 4YL013A	Construction of Haul Road	Short term closure	1 day		Q1/2025
P-AB-13	W-318/057/0	Footpath	Haul Road to 4YL012B and 4YL013A	Removal of Haul Road	Short term closure	1 day		Q4/2027
P-AB-13	W-318/057/0	Footpath	4YL012B-4YL013A	Erection of new Conductor at 4YL012B-4YL013A	Closed without a diversion	4 weeks		Q3/2027
P-AB-14A	W-318/068/0	Footpath	South of 4YL014A	Erection of new Conductor at 4YL014A-4YL015A	Closed with a diversion	4 weeks	PD-AB-14A	Q1/2026
P-AB-14B	W-289/046/0	Footpath	South of 4YL014A	Erection of new Conductor at 4YL014A-4YL015A	Closed with a diversion	4 weeks	PD-AB-14B	Q1/2026
P-AB-15	W-318/046/0	Footpath	Haul Road to RB012 and RB013	Erection of new Conductor at RB012-RB013	Managed	4 weeks		Q1/2026

Project reference	PRoW reference	PRoW type	Work location	Work activity at location	Project interaction type	Indicative project interaction duration	Diversion reference (where applicable)	Indicative date (quarter) of project interaction
P-AB-15	W-318/046/0	Footpath	Haul Road to RB012 and RB013	Construction of Haul Road	Closed with a diversion	4 weeks	PD-AB-15	Q1/2025
P-AB-15	W-318/046/0	Footpath	Haul Road to RB012 and RB013	Removal of Haul Road	Closed with a diversion	4 weeks	PD-AB-15	Q4/2027
P-AB-15	W-318/046/0	Footpath	Tower Erection RB012	Erection of new Tower RB012	Managed	4 weeks		Q1/2026
P-AB-16	W-318/019/0	Footpath	PCB006	Installation/ removal of Trackway to PCB006, 132kV Conductor Dismantling between PCB006-PCB007	Short term closure	1 day		Q1/2025
P-AB-17	W-185/006/0	Footpath	PCB009-PCB010	132kV Conductor Dismantling between PCB009-PCB010	Short term closure	1 day		Q1/2025
P-AB-18	W-185/004/0	Footpath	PCB011-PCB012	Installation/ removal of Trackway to PCB011, 132kV Conductor Dismantling between PCB011-PCB012	Short term closure	1 day		Q1/2025
P-AB-19	W-185/002/0	Footpath	PCB012-PCB013	132kV Conductor Dismantling between PCB012-PCB013	Short term closure	1 day		Q1/2025
P-AB-19	W-185/002/0	Footpath	PCB013 & PCB012	Installation/ removal of trackway to PCB13	Short term closure	1 day		Q1/2025
P-AB-2	W-174/009/0	Bridleway	Dismantling 4YL004-4YL003	Dismantling Conductors of 4YL004-4YL003	Short term closure	1 day		Q2/2027
P-AB-2	W-174/009/0	Bridleway	4YL004R-4YL003R	Construction of Haul Road	Short term closure	1 day		Q4/2024
P-AB-2	W-174/009/0	Bridleway	4YL004R-4YL003R	Removal of Haul Road	Short term closure	1 day		Q4/2027
P-AB-20	W-318/041/0	Footpath	PCB014-PCB013	132kV Conductor Dismantling between PCB014-PCB013	Short term closure	1 day		Q1/2025
P-AB-21	W-318/042/0	Footpath	PCB017-PCB016	132kV Conductor Dismantling between PCB017-PCB016	Short term closure	1 day		Q1/2025
P-AB-22	W-318/044/0	Footpath	PCB018	Haul Road Traffic PCB018	Closed without a diversion	2 weeks		Q1/2025
P-AB-22	W-318/044/0	Footpath		11KV Undergrounding	Closed without a diversion	2 weeks		Q1/2025
P-AB-22	W-318/044/0	Footpath	PCB018-PCB017	132kV Conductor Dismantling between PCB018-PCB017 and Tower dismantling PCB018	Short term closure	1 day		Q1/2025
P-AB-23	W-318/045/0	Footpath	PCB018-PCB019	132kV Conductor Dismantling between PCB018-PCB019	Short term closure	1 day		Q1/2025
P-AB-24	W-289/031/0 (P-AB-24)	Footpath	Construction of Haul Road at Tower RB021	Construction of Haul Road	Closed with a diversion	4 weeks	PD-AB-24	Q2/2025
P-AB-24	W-289/031/0 (P-AB-24)	Footpath	PCB027	Dismantling of Tower PCB027 and associated Conductor	Closed without a diversion	2 weeks		Q1/2025
P-AB-24	W-289/031/0 (P-AB-24)	Footpath	RB021	Installation of tower foundations RB021	Closed without a diversion	4 weeks		Q2/2025

Project reference	PRoW reference	PRoW type	Work location	Work activity at location	Project interaction type	Indicative project interaction duration	Diversion reference (where applicable)	Indicative date (quarter) of project interaction
P-AB-24	W-289/031/0 (P-AB-24)	Footpath	RB021	Construction of new tower RB021	Managed	2 weeks		Q3/2025
P-AB-24	W-289/031/0 (P-AB-24)	Footpath	RB022	Installation of tower foundations RB022	Closed without a diversion	4 weeks		Q3/2025
P-AB-24	W-289/031/0 (P-AB-24)	Footpath	RB022	Construction of new tower RB022	Managed	2 weeks		Q3/2025
P-AB-24	W-289/031/0 (P-AB-24)	Footpath	RB021-RB020	Erection of new 400kV Conductor at RB020-RB021-RB022	Managed	4 weeks		Q2/2026
P-AB-24	W-289/031/0 (P-AB-24)	Footpath	Haul Road to RB021	Removal of Haul Road	Closed with a diversion	4 weeks	PD-AB-24	Q4/2027
P-AB-25	W-289/030/0	Footpath	Haul Road to RB021	Construction of Haul Road	Managed	4 weeks		Q2/2025
P-AB-25	W-289/030/0	Footpath	Haul Road to RB021	Removal of Haul Road	Managed	4 weeks		Q4/2027
P-AB-26	Hadleigh Railway Walk	Hadleigh Railway Walk	PCB028-PCB029	Removal of conductors PCB028-PCB029	Short term closure	1 day		Q1/2025
P-AB-26	Hadleigh Railway Walk	Hadleigh Railway Walk	RB022-RB023	Installation of conductors RB022-RB023	Short term closure	1 day		Q2/2026
P-AB-3	W-174/012/0	Footpath	RB001-RB002	Erection of new Conductor at RB001-RB002	Closed without a diversion	4 weeks		Q1/2026
P-AB-4	W-174/010/0	Footpath	RB001-RB002	Erection of new Conductor at RB001-RB002	Closed with a diversion	4 weeks	PD-AB-4	Q1/2026
P-AB-5	W-174/011/0	Footpath	RB002-RB003	Construction of Haul Road	Closed with a diversion	2 weeks	PD-AB-5	Q1/2025
P-AB-5	W-174/011/0	Footpath	RB002-RB003	Removal of Haul Road	Closed with a diversion	2 weeks	PD-AB-5	Q4/2027
P-AB-5	W-174/011/0	Footpath	RB002-RB003	Erection of new Conductor at RB002-RB003	Managed	4 weeks		Q1/2026
P-AB-6	W-318/014/0	Footpath	RB005	Installation of foundations	Closed without a diversion	4 weeks		Q1/2025
P-AB-6	W-318/014/0	Footpath	RB005	Erection of new tower	Closed without a diversion	4 weeks		Q2/2025
P-AB-6	W-318/014/0	Footpath	RB005-RB004	Erection of new Conductor at RB005-RB004	Closed without a diversion	4 weeks		Q1/2026
P-AB-7	W-318/032/0	Footpath	RB007-RB008	Construction of Haul Road	Short term closure	1 day		Q1/2025
P-AB-7	W-318/032/0	Footpath	RB007-RB008	Removal of Haul Road	Short term closure	1 day		Q4/2027
P-AB-7	W-318/032/0	Footpath	RB007-RB008	Erection of new Conductor at RB007-RB008	Closed without a diversion	4 weeks		Q1/2026
P-AB-8	W-318/031/0	Footpath	RB007-RB008	Construction of Haul Road	Closed with a diversion	12 weeks	PD-AB-8	Q1/2025
P-AB-8	W-318/031/0	Footpath	RB007-RB008	Removal of Haul Road	Closed with a diversion	12 weeks	PD-AB-8	Q4/2027
P-AB-9	W-318/053/0	Footpath	RB010-RB011	Construction of Haul Road	Closed with a diversion	4 weeks	PD-AB-9	Q1/2025
P-AB-9	W-318/053/0	Footpath	RB010-RB011	Removal of Haul Road	Closed with a diversion	4 weeks	PD-AB-9	Q4/2027
P-AB-9	W-318/053/0	Footpath	RB010-RB011-RB012T	Erection of new Conductor at RB010-RB011-RB012T	Managed	8 weeks		Q2/2027
P-C-1	W-289/031/0 (P-C-1)	Footpath	Haul Road to RB023	Construction of Haul Road	Closed with a diversion	4 weeks	PD-C-1	Q2/2025
P-C-1	W-289/031/0 (P-C-1)	Footpath	Haul Road to RB023	Removal of Haul Road	Closed with a diversion	4 weeks	PD-C-1	Q4/2027

Project reference	PRoW reference	PRoW type	Work location	Work activity at location	Project interaction type	Indicative project interaction duration	Diversion reference (where applicable)	Indicative date (quarter) of project interaction
P-C-1	W-289/031/0 (P-C-1)	Footpath	PCB030-PCB031	132kV Conductor Dismantling between PCB030-031	Managed	2 weeks		Q1/2025
P-C-1	W-289/031/0 (P-C-1)	Footpath	RB023-RB024	Erection of new 400kV Conductor at RB023-RB024	Managed	4 weeks		Q2/2026
P-D-1	W-432/033/0	Byway	PCB044-PCB045	132kV Conductor Dismantling between PCB044-045	Short term closure	1 day		Q1/2025
P-D-1	W-432/033/0	Byway	AONB Cable Section	Construction of Haul Road and Installation of Ducts for Underground Cable.	Closed with a diversion	4 weeks	PD-D-1	Q3/2025
P-D-1	W-432/033/0	Byway	AONB Cable Section	Removal of Haul Road	Closed with a diversion	4 weeks	PD-D-1	Q2/2028
P-D-2	W-432/032/0	Footpath	PCB046-PCB047	132kV Conductor Dismantling between PCB044-PCB045 and tower dismantling PCB47	Short term closure	1 day		Q1/2025
P-E-1	W-432/013/X	Footpath	PCB047-PCB048	132kV Conductor Dismantling between PCB047-PCB048	Short term closure	1 day		Q1/2025
P-E-2	W-432/008/0	Footpath	PCB048-PCB049	132kV Conductor Dismantling between PCB048-PCB049	Short term closure	1 day		Q1/2025
P-E-3	W-432/020/0	Footpath	PCB053-PCB052	132kV Conductor Dismantling between PCB053-PCB052	Short term closure	1 day		Q1/2025
P-E-3	W-432/020/0	Footpath	AONB Cable Section (River Box)	Construction of Haul Road and Installation of Ducts for Underground Cable.	Closed with a diversion	4 weeks	PD-E-3	Q1/2025 - Q3/2025
P-E-3	W-432/020/0	Footpath	AONB Cable Section (River Box)	Removal of Haul Road	Closed with a diversion	4 weeks	PD-E-3	Q2/2028
P-F-1	W-362/002/0	Footpath	AONB Cable Section	Construction of Haul Road and Installation of Ducts for Underground Cable.	Closed with a diversion	4 weeks	PD-F-1	Q2/2025 - Q3/2025
P-F-1	W-362/002/0	Footpath	AONB Cable Section	Removal of Haul Road	Closed with a diversion	4 weeks	PD-F-1	Q2/2028
P-F-2	W-362/002/0	Footpath	Footpath NE of Leavenheath	DNO Connection to Cable Sealing end	Managed	1 week		Q1/2026
P-F-3	W-362/001/0	Footpath	Footpath NE of Leavenheath	DNO Connection to Cable Sealing end	Closed with a diversion	4 weeks	PD-F-3	Q1/2026
P-F-4	W-113/007/0	Restricted byway	Haul Road to RB041 and RB042.	Construction of Haul Road	Short term closure	1 day		Q3/2025
P-F-4	W-113/007/0	Restricted byway	Haul Road to RB041 and RB042.	Removal of Haul Road	Short term closure	1 day		Q2/2028
P-F-4	W-113/007/0	Restricted byway	PCB067-PCB068	132kV Conductor Dismantling between PCB067-PCB049	Short term closure	1 day		Q1/2025
P-F-4	W-113/007/0	Restricted byway	RB041-RB042	Erection of new 400kV Conductor at RB041-RB042	Closed without a diversion	4 weeks		Q2/2026

Project reference	PRoW reference	PRoW type	Work location	Work activity at location	Project interaction type	Indicative project interaction duration	Diversion reference (where applicable)	Indicative date (quarter) of project interaction
P-F-5	W-113/005/0	Footpath	RB043-RB044	Erection of new 400kV Conductor at RB043-RB044	Closed without a diversion	4 weeks		Q2/2026
P-G-1	W-113/001/0	Restricted byway	Access to RB047 and RB048	Construction of Haul Road	Managed	4 weeks		Q3/2025
P-G-1	W-113/001/0	Restricted byway	Access to RB047 and RB048	Removal of Haul Road	Managed	4 weeks		Q2/2028
P-G-10	FP 17 116	Footpath	4YLA001	Construction of Haul Road	Short term closure	1 day		Q2/2027
P-G-10	FP 17 116	Footpath	4YLA001	Removal of Haul Road	Short term closure	1 day		Q4/2027
P-G-10	FP 17 116	Footpath	4YLA001-4YL073	400kV Conductor Dismantling between 4YLA001-4YL073	Short term closure	1 day		Q3/2027
P-G-11	FP 16 116	Footpath	4YLA001	Construction of Haul Road	Short term closure	1 day		Q2/2027
P-G-11	FP 16 116	Footpath	4YLA001	Removal of Haul Road	Short term closure	1 day		Q4/2027
P-G-12	FP 26 58	Footpath	Construction of Haul Road at Tower 4YLA006	Construction of Haul Road	Closed with a diversion	4 weeks	PD-G-12	Q3/2025
P-G-12	FP 26 58	Footpath	Construction of Haul Road at Tower 4YLA006	Removal of Haul Road	Closed with a diversion	4 weeks	PD-G-12	Q2/2028
P-G-12	FP 26 58	Footpath	4YLA006	Foundation installation New tower 4YLA006	Closed without a diversion	4 weeks		Q1/2026
P-G-12	FP 26 58	Footpath	4YLA006	Tower Erection of 4YLA006	Closed without a diversion	4 weeks		Q1/2027
P-G-12	FP 26 58	Footpath	4YLA006	Transfer of OHL Conductors onto new Route at 4YLA006.	Managed	12 weeks		Q1/2027
P-G-12	FP 26 58	Footpath	4YLA006	Tower dismantling and foundation removal	Closed without a diversion	4 weeks		Q3/2027
P-G-13	BR 13 84	Bridleway	4YL074	Access required to change arching Horns on pylons	Managed	2 x 1 day		Circuit 2 (Q4/2024); Circuit 1 (Q3/2027)
P-G-14	BR 15 116	Bridleway	PCB091-PCB092	Access required to change arching Horns on pylons	Managed	2 x 1 day		Circuit 2 (Q4/2024); Circuit 1 (Q3/2027)
P-G-15	FP 16 116	Footpath	Access to PCB090	Access required to change arching Horns on pylons	Managed	2 x 1 day		Circuit 2 (Q4/2024); Circuit 1 (Q3/2027)
P-G-16	FP 2 116	Footpath	Access required to change arching Horns on pylons	Access required to change arching Horns on pylons	Managed	2 x 1 day		Circuit 2 (Q4/2024); Circuit 1 (Q3/2027)
P-G-16	FP 2 116	Footpath	Access required to change arching Horns on pylons	Access required to change arching Horns on pylons	Managed	2 x 1 day		Circuit 2 (Q4/2024); Circuit 1 (Q3/2027)
P-G-17	FP 11 116	Footpath	Access required to change arching Horns on pylons	Construction of Haul Road	Closed with a diversion	4 weeks	PD-G-17	Q4/2024
P-G-17	FP 11 116	Footpath	Access required to change arching Horns on pylons	Removal of Haul Road	Closed with a diversion	4 weeks	PD-G-17	Q3/2027
P-G-2	W-171/002/X	Restricted byway	Access to RB047 and RB048	Construction of Haul Road	Managed	4 weeks		Q3/2025
P-G-2	W-171/002/X	Restricted byway	Access to RB047 and RB048	Removal of Haul Road	Managed	4 weeks		Q4/2027
P-G-3	W-171/002/0	Footpath	Access to RB047 and RB048	Construction of Haul Road	Managed	4 weeks		Q3/2025
P-G-3	W-171/002/0	Footpath	Access to RB047 and RB048	Removal of Haul Road	Managed	4 weeks		Q4/2027
P-G-4	W-171/001/0	Footpath	PCB077-PCB078	132kV Conductor Dismantling between PCB077-PCB078	Short term closure	1 day		Q1/2025

Project reference	PRoW reference	PRoW type	Work location	Work activity at location	Project interaction type	Indicative project interaction duration	Diversion reference (where applicable)	Indicative date (quarter) of project interaction
P-G-4	W-171/001/0	Footpath	PCB077-PCB078	Construction of Haul Road and Installation of Ducts for Underground Cable.	Closed with a diversion	4 weeks	PD-G-4	Q1/2025
P-G-4	W-171/001/0	Footpath	PCB077-PCB078	Removal of Haul Road	Closed with a diversion	4 weeks	PD-G-4	Q2/2025
P-G-5	FP 7 93	Footpath	Stour Valley Cable Section	Construction of Haul Road and Installation of Ducts for Underground Cable.	Closed with a diversion	4 weeks	PD-G-5	Q2/2025 - Q3/2025
P-G-5	FP 7 93	Footpath	Stour Valley Cable Section	Removal of Haul Road	Closed with a diversion	4 weeks	PD-G-5	Q2/2028
P-G-6	FP 5 93	Footpath	PCB084-PCB085	132kV Conductor Dismantling between PCB084-PCB085	Short term closure	1 day		Q1/2025
P-G-7	FP 22 84	Footpath	4YL073	Construction of Haul Road	Short term closure	1 day		Q2/2027
P-G-7	FP 22 84	Footpath	4YL073	Removal of Haul Road	Short term closure	1 day		Q2/2028
P-G-7	FP 22 84	Footpath	4YL073	OHL Modification Works	Managed	1 week		Q3/2027
P-G-8	FP 23 84	Footpath	4YLA001	Construction of Haul Road & Bellmouth	Closed without a diversion	4 weeks		Q2/2027
P-G-8	FP 23 84	Footpath	4YLA001	Removal of Haul Road & Bellmouth	Closed without a diversion	4 weeks		Q2/2028
P-G-8	FP 23 84	Footpath	4YLA001-4YL073	400kV Conductor Dismantling between 4YLA1-4YL73	Short term closure	1 day		Q3/2027
P-G-9	FP 24 84	Footpath	4YLA001	Construction of Haul Road	Short term closure	1 day		Q2/2027
P-G-9	FP 24 84	Footpath	4YLA001	Removal of Haul Road	Short term closure	1 day		Q2/2028
P-H-1	FP 20 84	Footpath	Access required to change arching Horns on pylons	Access required to change arching Horns on pylons	Managed	2 x 1 day		Circuit 2 (Q4/2024); Circuit 1 (Q3/2027)
P-H-10	FP 11 116	Footpath	Access required to change arching Horns on pylons	Access required to change arching Horns on pylons	Managed	2 x 1 day		Circuit 2 (Q4/2024); Circuit 1 (Q3/2027)
P-H-2	BR 1 116	Bridleway	Access required to change arching Horns on pylons	Access required to change arching Horns on pylons	Managed	2 x 1 day		Circuit 2 (Q4/2024); Circuit 1 (Q3/2027)
P-H-3	BR 18 84	Bridleway	Access required to change arching Horns on pylons	Access required to change arching Horns on pylons	Managed	2 x 1 day		Circuit 2 (Q4/2024); Circuit 1 (Q3/2027)
P-H-4	FP 17 118	Footpath	Closed for 132kV Cable installation & Pylon change	access track	Closed with a diversion	12 weeks	PD-H-4	Q3/2024 - Q4/2024
P-H-5	FP 13 118	Footpath	Diversion works on 132kV OHL	access track	Closed with a diversion	4 weeks	PD-H-5	Q3/2024 - Q4/2024
P-H-6	BR 14 69	Footpath	Footpath is in GSP Scheme	Access required to change arching Horns on pylons	Managed	2 x 1 day		Q3/2024
P-H-7	BR 28 116	Footpath	Footpath is in GSP Scheme	Access required to change arching Horns on pylons	Managed	2 x 1 day		Q3/2024
P-H-8	FP 18 69	Footpath	Access required to change arching Horns on pylons	Access required to change arching Horns on pylons	Managed	2 x 1 day		Circuit 2 (Q4/2024); Circuit 1 (Q3/2027)
P-H-9	FP 13 118	Footpath	Access required to change arching Horns on pylons	Access required to change arching Horns on pylons	Managed	2 x 1 day		Circuit 2 (Q4/2024); Circuit 1 (Q3/2027)

Project reference	PRoW reference	PRoW type	Work location	Work activity at location	Project interaction type	Indicative project interaction duration	Diversion reference (where applicable)	Indicative date (quarter) of project interaction
-------------------	----------------	-----------	---------------	---------------------------	--------------------------	---	--	--

* Hadleigh Railway Walk is not a PRoW but has been included in the assessment as it is (based on survey data) a popular local heritage walk along a disused railway line that crosses the Order Limits.

Page intentionally blank

National Grid plc
National Grid House,
Warwick Technology Park,
Gallows Hill, Warwick.
CV34 6DA United Kingdom

Registered in England and Wales
No. 4031152
nationalgrid.com