



**West  
Northamptonshire  
Council**

# **BOUGHTON & MOULTON: RECOMMENDATION FOR MITIGATION OF NNWRR.**



# CONTENT

**Part A**

**Part B**

**Part C**

**Part D**

**PLANNING  
CONTEXT**

**OPTIONS**

**RESULTS**

**RECOMMENDATION**

# BACKGROUND

## 1. The Northamptonshire Strategic Model.

- The NSTM includes any committed infrastructure that is modelled to reflect the future year network as accurately as possible.
- The model software distributes this traffic across the network using mathematical functions / formulae to determine the route a vehicle will take, accounting for congestion. However individual drivers may choose a different route.

## 2. Planning Decision.

- 2019: Planning Decision & Conditions: 19/00045/CCDFUL, DA/2019/0557 & N/2019/0840.
- **Condition 25.**

*“Prior to the new road [Northampton North-West Relief Road (NNWRR)] opening the applicant shall consult with Boughton Parish Council to agree the extent and detail of a scheme of measures for ameliorating the impact of traffic from the permitted development on Boughton village. The scheme as may be agreed shall be submitted to the County Planning Authority and implemented in full prior to the new road opening.”*

# ASSESSED OPTIONS

**Tables 1 and 2 – Positive and negative impacts.**

20MPH ZONE AND TRAFFIC CALMING	
POSITIVE	NEGATIVE
Maintain through route	Possible noise pollution linked to motorists' driving behaviour.
Reduce speeds	
Retain school journey times	
Fewer trips in Boughton than before NNWRR	

ROAD CLOSURE	
POSITIVE	NEGATIVE
Remove through traffic in Boughton	One point of access in / out of Boughton may cause issues for emergency situations.
	Only one safe and suitable access for the existing 259 dwellings vs/ acceptable 150 dwellings in WNC's design standards.
	Isolated residents into using major route as access.
	Increased school journey time for trips from the East.
	Two-way journey to school will increase due to single access.
	High risk of congestion during school start and end.
	Illegal occupation of the public highway on the Northern side of Moulton Lane.
	Possible increase in speeds due to frustration of additional journey time for some drivers.
	Additional noise and CO <sub>2</sub> emissions due to two-way trips in school peaks.
	Increased congestion on the network e.g. Holly Lodge Drive junction.
	Detrimental impact on economic growth in Northamptonshire.
	Detrimental impact on productivity.

# PUBLIC ENGAGEMENT

- 17 June – 8 July 2025: online survey on WNC's website.
- 17 June 2025: exhibition in Boughton Village Hall with > 200 people in attendance.
- Boughton Parish Council handed paper questionnaires:
  - a. included individuals' details, and
  - b. excluded option 3 i.e. Do Nothing.
- WNC's online survey.
  - a. In line with GDPR.
  - b. Participants' postcode only.
  - c. 2,000 views.
  - d. 866 participants, including 178 void data as incomplete survey.
  - e. 688 valid responses.
  - f. Moulton and Pitsford Parish Councils sent emails to object to the road closure.

**Table 3 – Compared Results.**

Boughton Traffic Amelioration - Proposed Options: Comparison of BPC and WNC's Survey Results 16 July 2025						
VillageStreet	BPC Paper Questionnaires			WNC Online Responses		
	Option 1A or 1B	Option 2	Option 3	Option 1A or 1B	Option 2	Option 3
Vyse Road	5	14		7	5	0
Boughton Park	2	5		0	0	0
Butcher's lane	5	14		29	10	0
Spring Close	3	8		15	6	0
Church Street	5	24		9	28	1
Humfrey Lane	5	24		9	11	1
Greville Close	1	4		4	7	0
Spinney Close	2	2		2	4	0
Devonshire Close	2	1		1	0	0
Obelisk Close	0	4		6	1	0
Howard Lane	2	17		12	21	0
Moulton Lane	11	29		12	19	1
Harborough Road North	2	0		3	0	0
<b>Total</b>	<b>45</b>	<b>146</b>	<b>0</b>	<b>109</b>	<b>112</b>	<b>3</b>

Parish Street	Option 1A or 1B	Option 2	Option 3	Option 1A or 1B	Option 2	Option 3
Brampton Cottage	0	1		0	0	0
Home Farm Drive	2	0		6	0	0
Bochetone	2	0		4	0	0
Brickhill Spinney Farm	2	0		0	0	0
Bunkers Hill Farm	1	0		0	0	0
<b>Total</b>	<b>7</b>	<b>1</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>0</b>

Area	Option 1A or 1B	Option 2	Option 3	Option 1A or 1B	Option 2	Option 3
Rest of Parish				21	3	2
Outside the Parish	23	17		322	27	79
<b>Total</b>	<b>23</b>	<b>17</b>	<b>0</b>	<b>343</b>	<b>30</b>	<b>81</b>

<b>Total for each option</b>	<b>75</b>	<b>164</b>	<b>0</b>	<b>462</b>	<b>142</b>	<b>84</b>
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<b>Total number of responses</b>	<b>239</b>			<b>688</b>		
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# COMPARED DATA

**Table 4 – Analysed Results.**

**Boughton Traffic Amelioration - Proposed Options: Comparison of BPC and WNC's Survey Results  
16 July 2025**

Option	Description
1A or 1B	- 20mph zone in Boughton Village. Alternative: - speed cushions in Boughton Village, or - speed cushions on Vyse Road & Moulton Lane only, and road marked roundels to remind of speed limit at 20mph on all other roads of Boughton Village.
2	Road closure on Moulton Lane off Moulton Green on its northern and western sides with "No Entry" signs, and physical obstruction e.g. bollards, concrete barriers.
3	Do Nothing

BPC Survey Summary: Total Responses	
In Parish	199
Outside the Parish	40
	239

Option 1	75	239	31%
Option 2	164		69%

Option 1 in the Parish	52	239	26%
Option 2 in the Parish	147		74%
Option 1 outside the Parish	23		58%
Option 2 outside the Parish	17		43%

Online Survey Summary: Total Responses			
In Parish	260	688	
Outside the Parish	428		
Option 1	462	688	67%
Option 2	142		21%
Option 3	84		12%
Option 1 in the Parish	140	688	54%
Option 2 in the Parish	115		44%
Option 3 in the Parish	5		2%
Option 1 outside the Parish	322		75%
Option 2 outside the Parish	27		6%
Option 3 outside the Parish	79		18%



# MAPPED RESULTS

## **Map 1 - Options 1A and 1B: Traffic Calming.**

**NB: Data from WNC's survey.**





# MAPPED RESULTS

## Map 2 - Option 2: Road Closure.

**NB: Data from WNC's survey.**



# MAPPED RESULTS

## *Map 3 - Option 3: Do Nothing.*

*NB: Data from WNC's survey.*



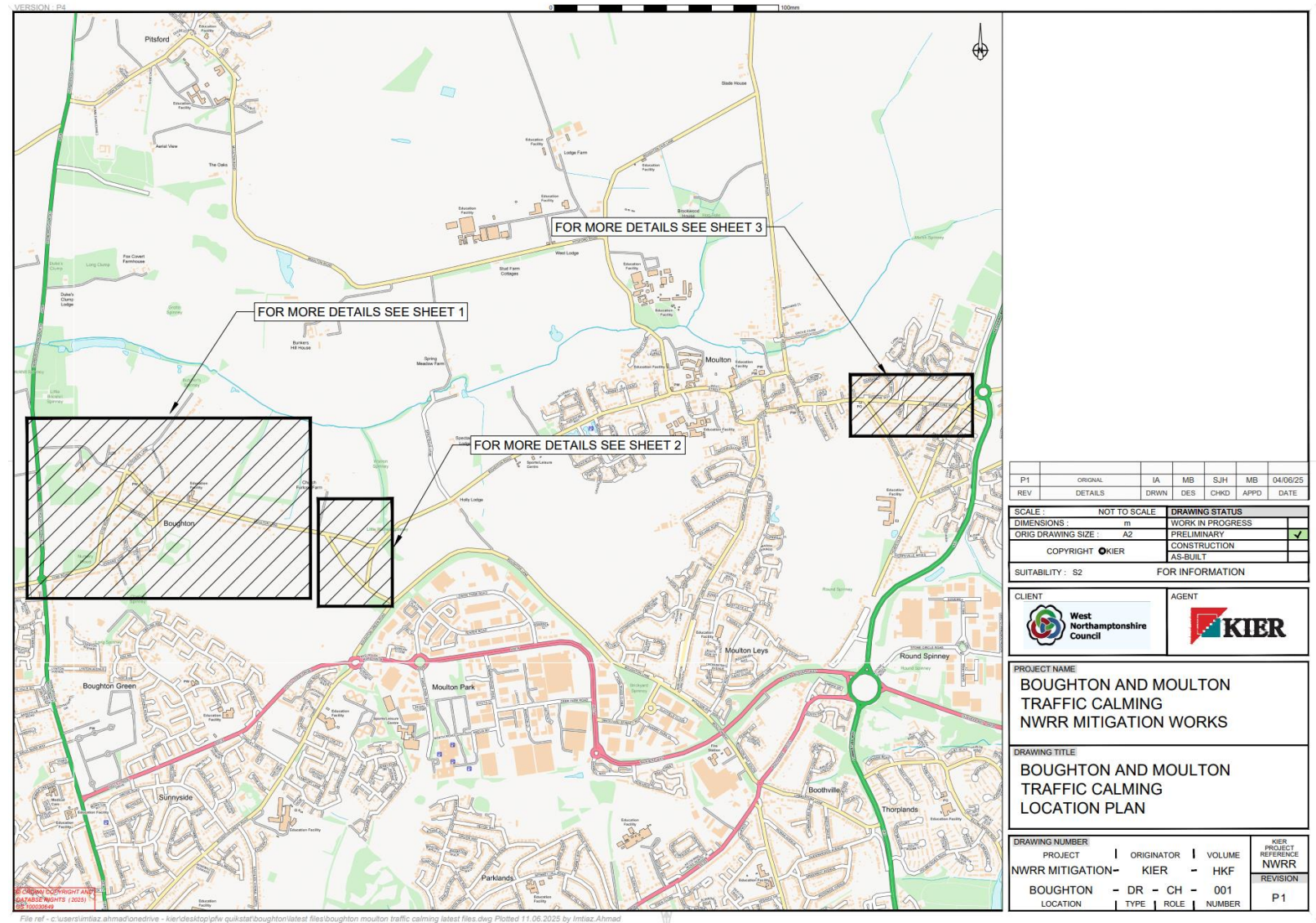
# RECOMMENDATION

## Implement traffic calming in Boughton: 20mph-zone and physical measures.

- Re-routed flows away from Boughton village, and towards the A5076 and Round Spinney junction.
- Before opening of NNWRR:  
Round Spinney junction is already over-capacity at certain places.
- After opening of NNWRR:  
capacity issues may worsen.







**DRAWING KEY:**

- INSTALL CUSHION ON EXISTING SURFACE
- SURFACE PATCHING TO BE COMPLETED PRIOR TO CUSHION INSTALLATION
- 20 MPH ZONE EXTENTS
- 20 MPH ROUNDEL ROAD MARKING
- GATEWAY TERMINAL SIGN

**NOTE:**  
FOR LOCATION DETAILS OF SHEETS 1,2 AND 3 PLEASE REFER TO BOUGHTON AND MOULTON TRAFFIC CALMING LOCATION PLAN

**EXISTING 30MPH TERMINAL SIGNS TO BE CHANGED TO PROPOSED 20MPH ZONE LIMIT**

**REMOVE "30 MPH SLOW DOWN" VEHICLE ACTIVATED SIGN**

**NEW DRAGON'S TEETH MARKINGS ON APPROACH TO VILLAGE**

**OVERVIEW PLAN NOT TO SCALE**

**SIDEOUT EXISTING FOOTWAY**

**CUT BACK HANGING VEGETATION**

**PROPOSED NEW 20MPH ZONE**

**NEW DRAGON'S TEETH MARKINGS ON APPROACH TO VILLAGE**

**EXISTING 30MPH TERMINAL SIGNS TO BE CHANGED TO PROPOSED 20MPH ZONE LIMIT**

**EXISTING PINCH POINT PRIORITY WORKING.**

**30MPH SPEED LIMIT TO BE CHANGED TO 20MPH FROM THE EXISTING VEHICLE ACTIVATED SIGN**

**PROPOSED SLOW ROAD MARKING**

P1	ORIGINAL	IA	MB	SJH	MB	04/06/19
REV	DETAILS	DRWN	DES	CHKD	APPD	DATD

SCALE :		DRAWING STATUS	
NOT TO SCALE		WORK IN PROGRESS	
DIMENSIONS : m		PRELIMINARY	
ORIG DRAWING SIZE : A2		CONSTRUCTION	
COPYRIGHT © KIER		AS-BUILT	
SUITABILITY : S2		FOR INFORMATION	

CIENT	AGENT

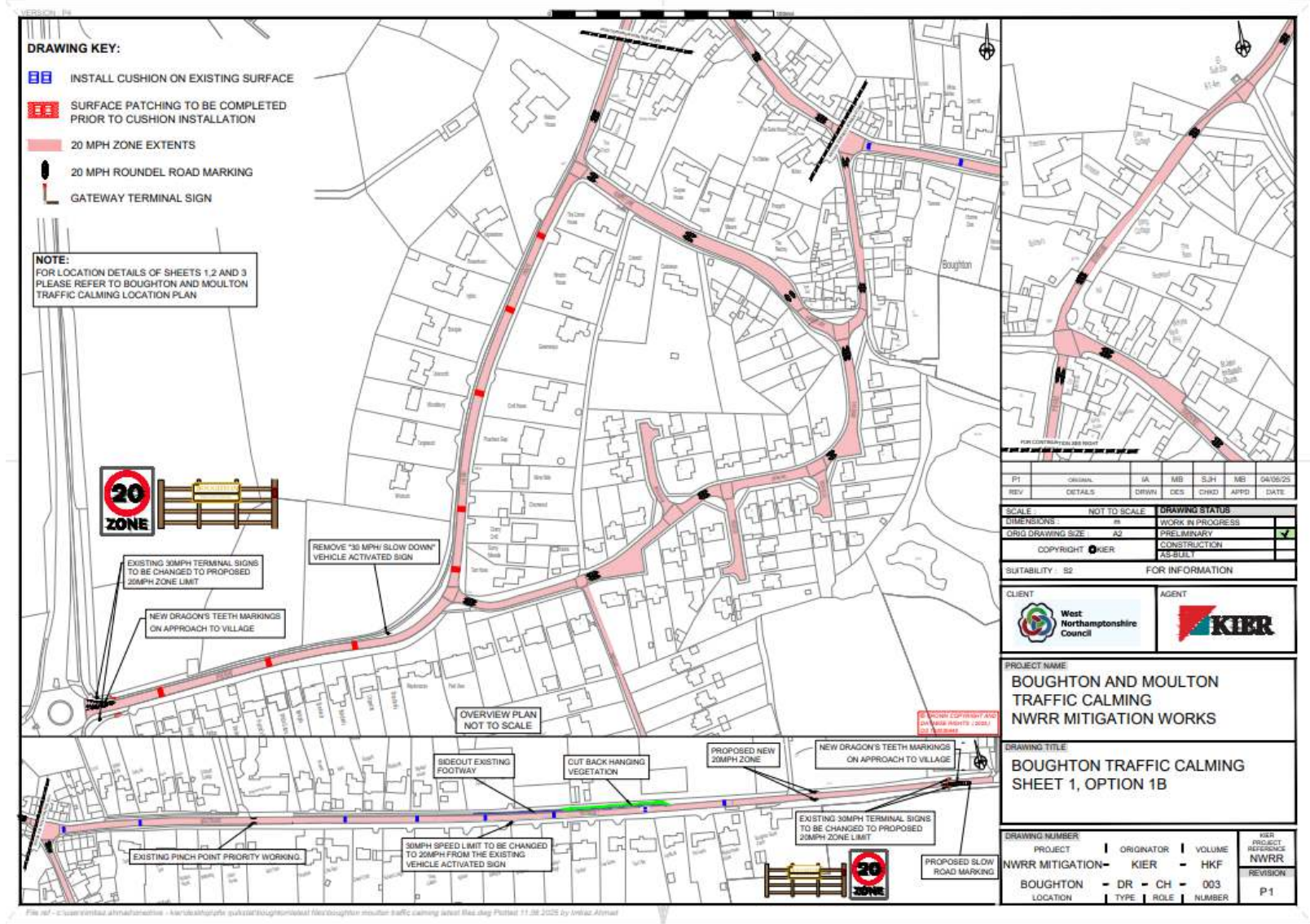
<b>PROJECT NAME:</b>			
BOUGHTON AND MOULTON TRAFFIC CALMING NWR MITIGATION WORKS			
<b>DRAWING TITLE:</b>			
BOUGHTON TRAFFIC CALMING SHEET 1, OPTION 1A			

<b>DRAWING NUMBER:</b>		<b>ORIGINATOR :</b>		<b>VOLUME :</b>		<b>KIER PROJECT REFERENCE NWR</b>
PROJECT - NWRR MITIGATION-		KIER		HKF		
BOUGHTON		DR - CH		002		
LOCATION		TYPE		ROLE		

		<b>REVISION</b>	
		P1	



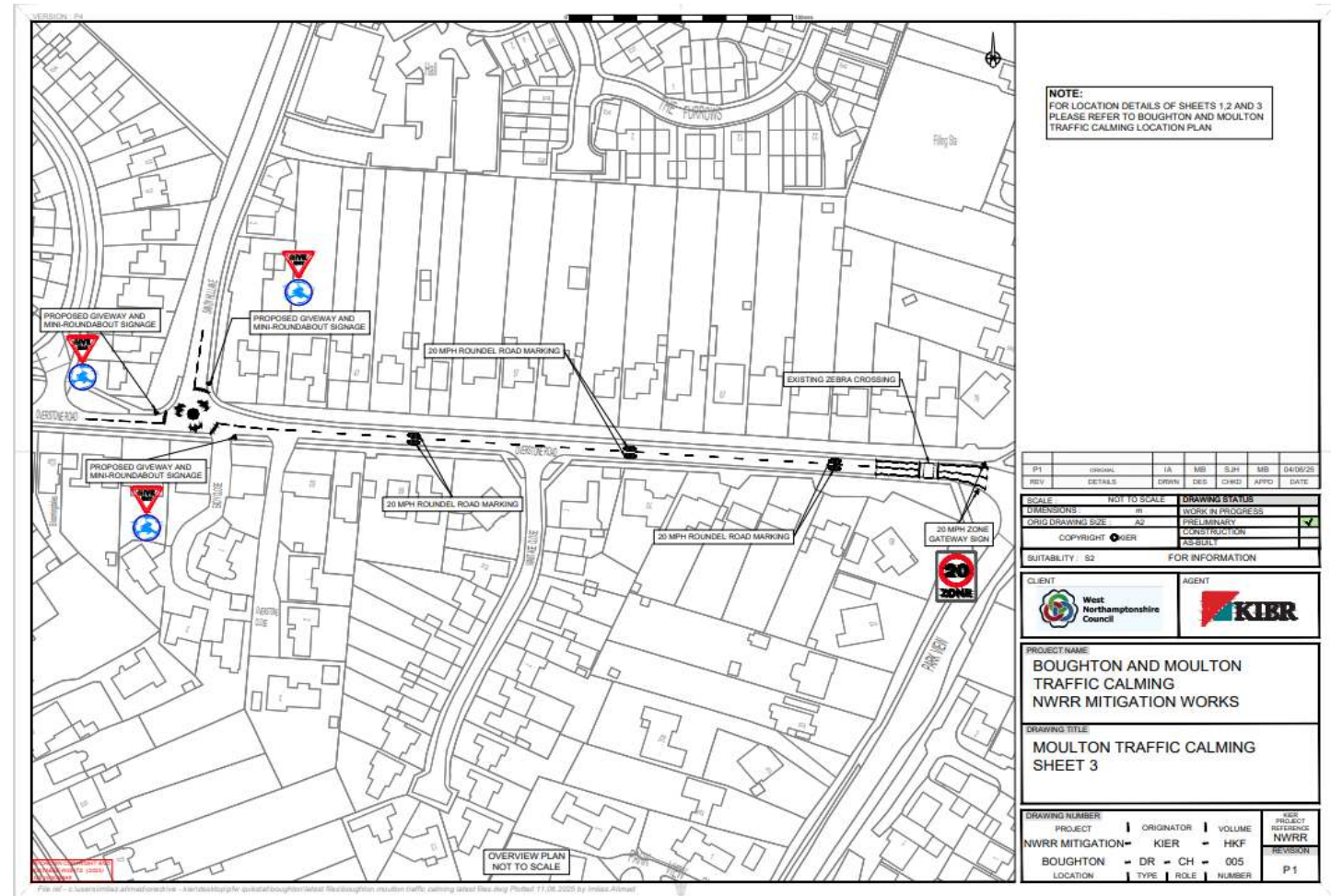
# BOUGHTON



# MOULTON: FEASIBILITY DESIGN

**Map 7 - New extents of the existing 20mph-zone further East along Overstone Road up to the junction with Park View.**

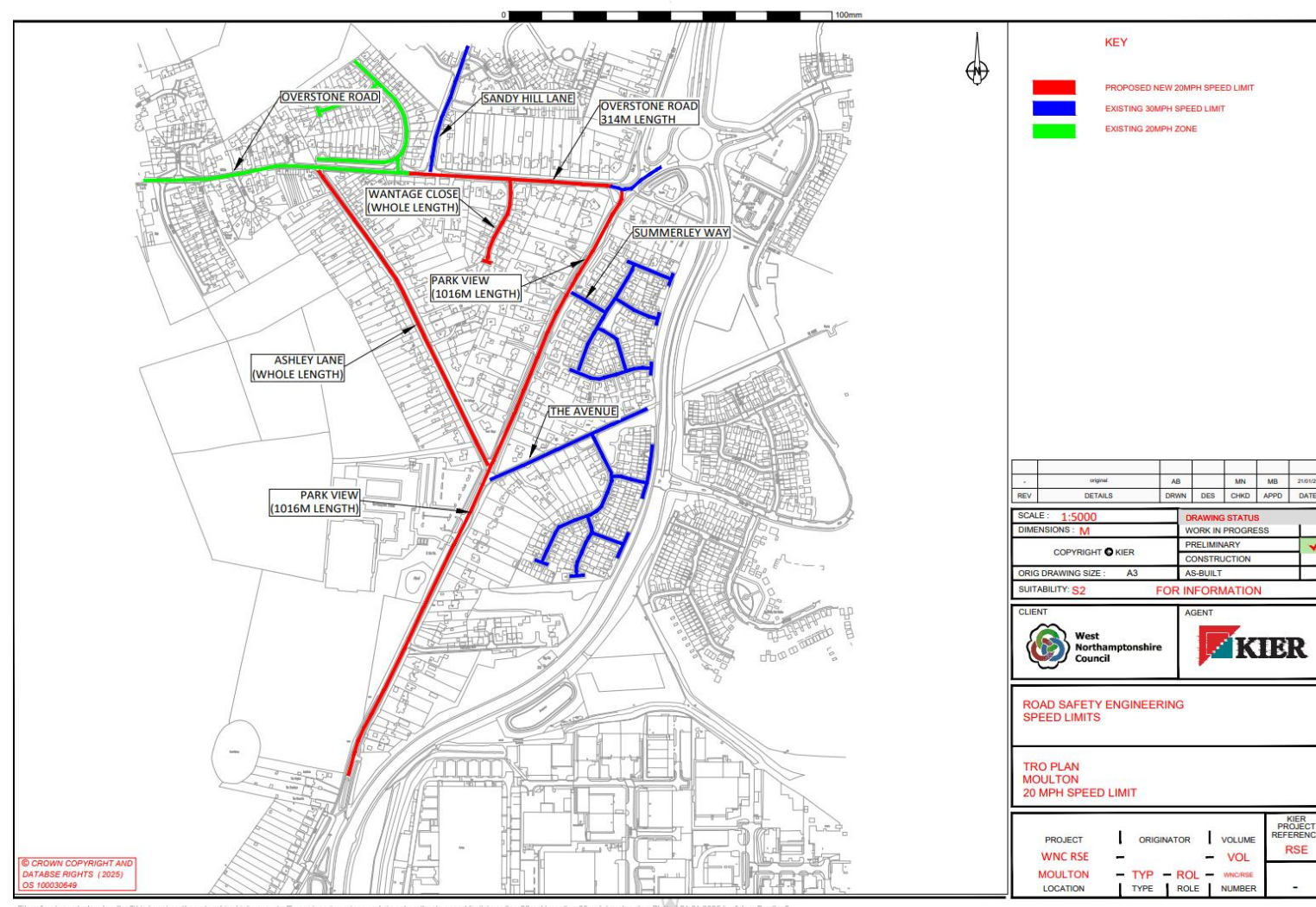
- New mini-roundabout at the junction of Overstone Road / Sandy Hill Lane.
- Proposals complement the recently installed Zebra Crossing at the eastern end of Overstone Road.





# MOULTON: PROPOSALS

**Map 8 – Extended 20mph-speed limit.**



# OBJECTIVES

## 1. Comply with the Traffic Management Act 2004, Part 2, Section 16.

*(1) It is the duty of a local traffic authority (...) or a strategic highways company ("the network management authority") to manage their road network with a view to achieving, so far as may be reasonably practicable having regard to their other obligations, policies and objectives, the following objectives:*

*(a) securing the expeditious movement of traffic on the authority's road network; and*

*(b) facilitating the expeditious movement of traffic on road networks for which another authority is the traffic authority.*

*(2) The action which the authority may take in performing that duty includes, in particular, any action which they consider will contribute to securing:*

*(a) the more efficient use of their road network; or*

*(b) the avoidance, elimination or reduction of road congestion or other disruption to the movement of traffic on their road network or a road network for which another authority is the traffic authority;*

*and may involve the exercise of any power to regulate or co-ordinate the uses made of any road (or part of a road) in the road network (whether or not the power was conferred on them in their capacity as a traffic authority).*

## 2. Planning Authority to discharge planning Condition 25.

# ACTIONS

## **July 2025**

- Share outcome of public engagement day with Boughton Parish Council.
- Prepare legal consultation for proposed Traffic Regulation Orders i.e. 20mph-zone.

## **August 2025**

- Share outcome of legal statutory consultation including views from emergency services.
- Undertake detailed design for implementation.

## **September 2025**

- Implement scheme in Boughton and Moulton based on technical recommendation.

## Future assessments and interventions by 2031.

### ***i. Locations.***

- 1 - Boughton and Moulton Traffic Calming (Vyse Road between Harborough Road and Howard Lane).*
- 2 - Harborough Road / Vyse Road.*
- 3 - Harlestone Road / York Way Roundabout / New Sandy Lane.*
- 4 - Harborough Road / Holly Lodge Drive junction.*

### ***ii. Actions.***

- Manage and Monitoring 1 - New Sandy Lane / Sandy Lane / Berrywood Road roundabout.*
- Manage and Monitoring 2 - Harborough Road / Brampton Lane / High Street.*