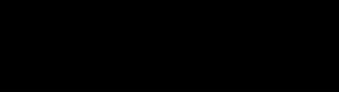


7 March 2024



Dear 

LOCAL GOVERNMENT OFFICIAL INFORMATION AND MEETINGS ACT Request: 2024-07

Thank you for your email of 8 February 2024 to the Carterton District Council requesting the following information:

“Re Temporary speed limits on Hughes Line Carterton.

Thankyou Johannes for your time this morning in relation to my phone queries pertaining to the temporary speed limits on Hughes Line Carterton.

As I stated I would follow up with this email with the base questions asked, They were as follows:

- 1. What reason was the 70km/h temporary speed limit set for Hughes line?*
- 2. Was the temporary speed limit registered with the national register?*
- 3. I understand that there was a traffic Management plan set at the time for the temporary speed limit, I would like to respectfully request a copy of that plan.*
- 4. I would also like to respectfully request maintenance records for Hughes line from June 2023 to present date. (I acknowledge that the info for question #4 may take a little longer to collate)*

I also understand that you are in the process of the long term plan but any answers you are able to provide to me in the short term would be appreciated.”

Your request has been considered under the Local Government Official Information and Meeting Act 1987 (the Act). My response to your request is in the number order below.

1. What reason was the 70km/h temporary speed limit set for Hughes line?

The temporary speed limit was introduced to deal with the large traffic volume that resulted from SH2 construction and new Speed limits. The increased in traffic volume created a safety concern for road users and residents.

Temporarily reducing the speed limit to 70km meant that Hughes line was 10km/hr lower than SH2 (80km/hr) resulting in a less desirable route for SH2.

Since the implementation of the temporary signs traffic volumes and subsequently road user safety improved.

The significant increase in traffic volume also had a negative impact on the road resulting in increased maintenance cost.

2. Was the temporary speed limit registered with the national register?

No.

3. I understand that there was a traffic Management plan set at the time for the temporary speed limit, I would like to respectfully request a copy of that plan.

Attached as **Appendix One**, is the most recent Traffic Management Plan.

4. I would also like to respectfully request maintenance records for Hughes line from June 2023 to present date. (I acknowledge that the info for question #4 may take a little longer to collate).

Attached as **Appendix Two**, is the maintenance records for Hughes line from June 2023 to 8 February 2024.

Please note, the Council proactively publishes LGOIMA responses on our website. As such, we may publish this response on our website after five working days. Your name and contact details will be removed.

Thank you again for your email 8 February 2024. You have the right to ask an Ombudsman to review this decision. You can do this by writing to info@ombudsman.parliament.nz or Office of the Ombudsman, PO Box 10152, Wellington 6143.

Yours sincerely



Geoff Hamilton
Chief Executive
Carterton District Council

TRAFFIC MANAGEMENT PLAN (TMP) – FULL FORM

Use this form for complex activities. Refer to the NZ Transport Agency's Traffic control devices manual, part 8 Code of practice for temporary traffic management (CoPTTM), section E, appendix A for a guide on how to complete each field.

Organisations /TMP reference	TMP reference: FHP – 209.2	Contractor (Working space): 	Principal (Client):
		Contractor (TTM): 	RCA:

Location details and road characteristics	Road names and suburb	House no./RPs (from and to)	Road level	Permanent speed
	Hughes Line, Clareville, Carterton.	0.236 – 5.753	Level 1 CAT B	100km/h
	Cornwall Road, East Taratahi, Carterton.	1.230 – 1.528	Level 1 CAT B	100km/h
	East Taratahi Road, East Taratahi, Carterton.	1.000 – 1.343	Level 1 CAT B	100km/h
	Francis Line, Clareville, Carterton.	0.000 – 0.150	Level 1 CAT B	100km/h

Traffic details (main route)	ADT Hughes Line: 958 (est) 12/04/2023 12% heavy Cornwall Road: 369 (est) 30/06/2021 16% heavy East Taratahi Road: 1363 (est) 12/04/2023 16.615% heavy Francis Line: 175 (est) 12/04/2023 11% heavy Source: www.mobileroad.org	Peak Traffic Times 07:00-09:00 and 15:00 – 17:00 Monday to Friday.
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Description of work activity

This TMP is for Fulton Hogan to install a 70km/h TSL on Hughes Line. Due to road works on SH2.

This is only a speed reduction, no physical works will be happening on Hughes Line.

Plant on Site (but not limited to)

- TTM Trucks
- Various small tools

Planned work programme

TTM Times	22/01/2024	Time	07:00	End date	15/04/2024	Time	17:00
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CAR E947899
 STMS Number 131730
 16 January 2024

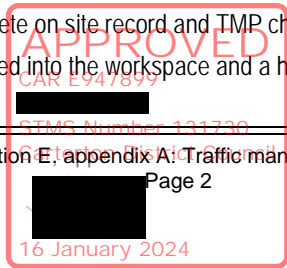
<p>Consider significant stages, for example:</p> <ul style="list-style-type: none"> road closures detours no activity periods. 	<p>TTM Times (<i>times are approximate only</i>)</p> <p><u>TTM Installation:</u> 07:00 – 08:00</p> <p><u>TTM removal</u> (once work is completed): 16:00 – 17:00</p> <p>Cyclists</p> <p>There are no cycle lanes within this site, however cyclists will be considered when placing signs and TTM equipment. Cyclists can follow the same rules as vehicle traffic.</p> <p>Delays and Queuing</p> <p>No delays or queuing is expected during this work, using this TTM methodology.</p>
<p>Alternative dates if activity delayed</p>	<p>If Works are Postponed/Cancelled for any reason they will be rescheduled for the next fine Day/Night if within approved TMP dates.</p>

Road aspects affected (*delete either Yes or No to show which aspects are affected*)

Pedestrians affected?	No	Property access affected?	No	Traffic lanes affected?	No
Cyclists affected?	No	Restricted parking affected?	No	Delays or queuing likely?	No

Proposed traffic management methods

<p>Installation (includes parking of plant and materials storage)</p>	<p>Preparation:</p> <ul style="list-style-type: none"> STMS reviews approved TMP, identifies TMP is fit for purpose. Full pre-start briefing with TM & work crews. All required equipment is to be loaded onto the work vehicle in the correct order for site installation. All equipment and plant are to be checked prior to departing the yard. Vehicle pre-starts will be documented on the daily vehicle pre-start checklist. <p>Site Arrival:</p> <ul style="list-style-type: none"> STMS will carry out traffic counts to ensure traffic volumes are suitable and within threshold limits for this TMP. Site installation will be delayed if required. Perform a drive through of the intended site and identify any additional potential risks. Complete Fulton Hogan's TMP checklist to confirm this SSTMP is appropriate for the task. Document any minor changes required and/or gain approval for any significant changes. Emergency services to be notified at least 30minutes prior to site installation. <p>Static closure installation guideline:</p> <ul style="list-style-type: none"> Installation using an Lv1 mobile, work vehicle & shadow vehicle – (where required, if the STMS's risk assessment indicates that it is need) Signs are to be placed on the left-hand side of the road as required; the first sign to be erected will be an advanced warning sign. Detour signage must be installed after the warning signs. The work vehicle (sign and equipment vehicle) to proceed along the left side of the road installing signage as per the site diagram/layout requirements. The vehicles will then loop at a safe, suitable location to install relevant signage on the opposite side of the road as per the site diagram/layout requirements. Relevant delineation and delineation signage to be installed around the working space after all other signage has been installed. STMS to complete a drive through to check the site reflects the approved TMP/TMDs. STMS to complete on site record and TMP checklist – document any further changes. Work crew invited into the workspace and a handover is completed.
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Attended (Day/Night)	No required.
Unattended (day/night)	70km/h TSL, will be installed 24/7.
Detour route	Not required.
	Does detour route go into another RCA's roading network? No. If Yes, has confirmation of acceptance been requested from that RCA? Not Required. Note: Confirmation of acceptance from affected RCA must be submitted prior to occupying the site.
Removal	<p>Static closure removal guideline:</p> <ul style="list-style-type: none"> • TTM removal using an Lv1 mobile, work vehicle and shadow vehicle - (where required, if the STMS's risk assessment indicates that it is need) • Signs are to be removed from the left-hand side of the road as required; the last sign to be removed will be the advanced warning signs. • The work vehicle (sign and equipment vehicle) to proceed along the left side of the road removing signage as per the site diagram/layout requirements. • The vehicles will then loop at a safe, suitable location to commence the next "loop" procedure as below. • STMS to complete a final drive through to check all TTM equipment has been fully removed. • STMS to complete on site record. • Emergency services to be notified 30min prior to site removal.

Proposed TSLs (see TSL decision matrix for guidance)

	TSL Details as required Approval of Temporary Speed Limits (TSL) are in terms as required by Section 7 of Land Transport Rule: Setting of Speed Limits 2022 (List speed, length and location)	Times (From and to)	Dates (Start and finish)	Diagram ref. no.s (Layout drawings or traffic management diagrams)
Attended day/night	Not Required.	Not Required.	Not Required.	Not Required.
Unattended day/night	A temporary maximum speed limit of 70km/h is hereby fixed for motor vehicles traveling over the length of 5367m between 0.311 to 5.678 on Hughes Line, Clareville, Carterton. (70km/h repeaters every 400m)	24 Hours	22/01/2024 To 15/04/2024	TMD 2, 3, 4,5, 6, 7,8
	A temporary maximum speed limit of 70km/h is hereby fixed for motor vehicles traveling over the length of 148m between 1.305 to 1.453 on Cornwall Road, East Taratahi, Carterton.	24 Hours	22/01/2024 To 15/04/2024	TMD 2
	A temporary maximum speed limit of 70km/h is hereby fixed for motor vehicles traveling over the length of 193m between 1.075 to 1.268 on East Taratahi Road, East Taratahi, Carterton.	24 Hours	22/01/2024 To 15/04/2024	TMD 4
	A temporary maximum speed limit of 70km/h is hereby fixed for motor vehicles traveling over the length of 75m between 0.000 to 0.075 on Francis Line, Clareville, Carterton.	24 Hours	22/01/2024 To 15/04/2024	TMD 8
TSL duration	Will the TSL be required for longer than six months? If yes, attach the completed checklist from section I-18: Guidance on TMP Monitoring Processes for TSLs to this TMP.			No

Positive traffic management measures

Once the site has been installed additional measures available to the STMS if required are; (these also to be documented on OSR)

- Using approved traffic control devices (eg flashing beacons, flares, illuminated signs)
- Additional advance signage may be used outside the required advanced warning signage to promote further awareness of the Closure.
- Additional delineation (reduced cone spacings through the work area) may be required to help improve public and site safety

Contingency plans

Generic contingencies for:

- major incidents
- incidents
- pre-planned detours.

Major Incident

A major incident is described as:

- Fatality or notifiable injury - real or potential
- Significant property damage, or
- Emergency services (police, fire, etc) require access or control of the site.

Actions

The TMO/STMS must immediately conduct the following:

- stop all activity and traffic movement
- secure the site to prevent (further) injury or damage
- contact the appropriate emergency authorities
- render first aid if competent and able to do so
- notify the area TMC
- under the guidance of the officer in charge of the site, reduce effects of TTM on the road or remove the activity if safe to do so
- re-establish TTM and traffic movements when advised by emergency authorities that it is safe to do so
- Comply with any obligation to notify WorkSafe.

Incident

An incident is described as:

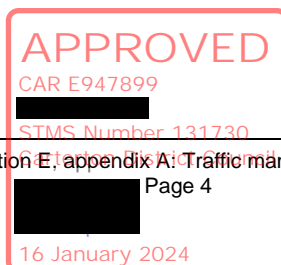
- excessive delays - real or potential
- minor or non-inquiry accident that has the potential to affect traffic flow
- Structural failure of the road.

Actions

The TMO/STMS must immediately conduct the following:

- stop all activity and traffic movement if required
- secure the site to prevent the prospect of injury or further damage
- notify the area TMC
- TMO/STMS to implement a plan to safely remove TTM and to establish normal traffic flow if safe to do so
- Re-establish TTM and traffic movements when it is safe to do so and when traffic volumes have reduced.

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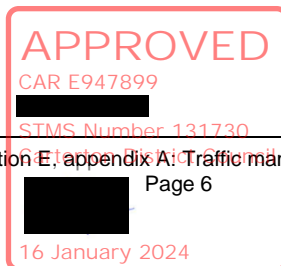


	<p>Detour</p> <p>If because of the on-site activity it will not be possible to remove or reduce the effects of TTM once it is established a detour route must be designed. This is likely for:</p> <ul style="list-style-type: none"> excessive delays when using an alternating flow design for TTM redirecting one direction of flow and / or Total road closure and redirection of traffic until such time that traffic volumes reduce and tailbacks have been cleared. <p>The risks in the type of work being undertaken, the risks inherent in the detour, the probable duration of closure and availability and suitability of detour routes need to be considered.</p> <p>The detour and route must be designed including:</p> <ul style="list-style-type: none"> pre- approval form the TMC's whose roads will be used or affected by the detour route Ensure that TTM equipment for the detour - signs etc are on site and pre-installed. 	<p>Actions</p> <p>When it is necessary to implement the pre-planned detour the TMO/STMS must immediately undertake the following:</p> <ul style="list-style-type: none"> Notify the TMC and / or the engineer when the detour is to be established Drive through the detour to check that it is stable and safe Remove the detour as soon as it practicable and safe to do so and the traffic volumes have reduced and tailbacks have cleared Notify the TMC and / or the engineer when the detour has been disestablished and normal traffic flows have resumed. 		
	<p>Note also the requirements for no interference at an accident scene:</p> <p>In the event of an accident involving serious harm the TMO/STMS must ensure that nothing, including TTM equipment, is removed or disturbed and any wreckage article or thing must not be disturbed or interfered with, except to:</p> <ul style="list-style-type: none"> save a life of, prevent harm to or relieve the suffering of any person, or make the site safe or to minimise the risk of a further accident; or maintain the access of the general public to an essential service or utility, or prevent serious damage to or serious loss of property, or Following the direction of a constable acting in his or her duties or act with the permission of an inspector. 			
<p>Other contingencies to be identified by the applicant <i>(i.e. steel plates to quickly cover excavations)</i></p>	<p>Weather</p>	<p>The TMO/STMS will suspend or re-evaluate the methodology of the works if weather conditions e.g., rain, fog etc., will adversely affect safety, i.e., If CSD (3 x PSL) is not achieved during site set-up, or sign visibility not achieved after site set up. Work can recommence only after the all clear has been given by the TMO/STMS.</p>		
<p>Authorisations</p>				
<p>Parking restriction(s) alteration authority</p>	<p>Will controlled street parking be affected?</p>	<p>No</p>	<p>Has approval been granted?</p>	<p>N/A</p>
<p><i>Not applicable</i></p>				
<p>Authorisation to work at permanent traffic signal sites</p>	<p>Will portable traffic signals be used or permanent traffic signals be changed?</p>	<p>No</p>	<p>Has approval been granted?</p>	<p>N/A</p>
<p><i>Not applicable</i></p>				
<p>Road closure authorisation(s)</p>	<p>Will full carriageway closure continue for more than 5 minutes (or other RCA stipulated time)?</p>	<p>No</p>	<p>Has approval been granted?</p>	<p>N/A</p>
<p><i>Not applicable</i></p>				

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Bus stop relocation(s) – closure(s)	Will bus stop(s) be obstructed by the activity?	No	Has approval been granted?	N/A
<i>Not applicable</i>				
Authorisation to use portable traffic signals	Make, model and description/number	<i>Not applicable</i>		
	NZTA compliant?	<i>Not applicable</i>		
EED				
Is an EED applicable?	Not required.	EED attached?	Not required.	
Delay calculations/trial plan to determine potential extent of delays				
Not Applicable.				
Public notification plan				
No required.				
Public notification plan attached?	No			
On-site monitoring plan				
Attended <i>(day and/or night)</i>	Not required.			
Unattended <i>(day and/or night)</i>	STMS to check site at the completion of each day and check that the site is set out in compliance to the approved TMP and all hazards are adequately isolated. The site is to be checked at least once in a 24hr period. These checks may be required more often in adverse weather and the risk is deemed higher.			
Method for recording daily site TTM activity (eg CoPTTM on-site record)				
<ul style="list-style-type: none"> • Risk Control Plan • A CoPTTM onsite daily record (attached to this TMP) <u>OR</u> eForm On Site Record • TMP Checklist 				
Site safety measures				

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Personal Safety / PPE

Hi-Viz and steel cap lace up boots are required as a minimum.

Fulton Hogan minimum PPE standards must be met. Site specific PPE may be required, this will be documented on the RCP.

Mandatory PPE
Required on all operational yards and workites

- High vis: Vests, shirts or overalls (all worn done up).
- Safety boots: Steel or composite capped lace up boots (steel capped gumboots in wet conditions).
- Eye protection: Worn on all work sites unless doing so reduces visibility and increases risk (e.g. if worn in the rain).

Site PPE
Worn by all workers on site. Assessed at the start of each day and recorded on the team's Risk Control Plan (RCP). Factors to consider:

- Client or contract requirements.
- Specific tasks for the day.
- Hazards on site.
- Other situations listed below

- Hard hats: If lifting machinery is on site, when something could fall on you, or you could fall.
- Protective clothing: To protect against heat or chemicals burns.

Task PPE
As required for specific tasks plus other situations listed below. Instruction and / or fit testing should be provided.

- Hearing protection: When you need to raise your voice to be heard by someone 1m away.
- Face shield: For second level eye protection and when face protection is required.
- Face mask: When exposed to dust or fumes not controlled by other means.
- Protective gloves: For manual handling tasks and hazardous materials or substances that to be worn where there is a risk of entanglement.

KnowHow PPE
For specific tasks
scan or click here

Site Visitors

All site visitors must meet with the STMS for a site induction prior to entering the site. The workspace foreperson will carry out a visitor induction if the visitor is requiring to enter the workspace.

Plant and equipment

All plant must meet FH standards and be issued with a current Fulton Hogan Safe Certification.

Statement from temporary safety barrier installation designer attached	Attached Not attached	No	If yes, has the temporary safety barrier system been designed by an installation designer and independently reviewed as being fit for purpose?	No
	Statement from temporary safety barrier installation designer attached			Not Required

Other information


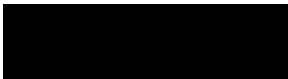




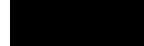


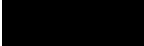





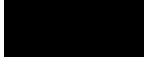






All TMP changes are to be recorded and the TMC informed immediately of any significant modifications (e.g. change of TSL) to TTM measures not included in the approved TMP. All other minor changes are to be noted on the TMP checklist.

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Site specific layout diagrams

Number	Title
TMD 1	Site Overview
TMD 2	Hughes/Cornwall Intersection
TMD 3	South of Hughes/Cornwall Intersection
TMD 4	Hughes/East Taratahi Road Intersection
TMD 5	South of Hughes/East Taratahi Intersection
TMD 6	In-between East Taratahi and Francis Line
TMD 7	North of Hughes/Francis Intersection
TMD 8	Hughes/Francis Intercession

Contact details

	Name	24/7 contact number	CoPTTM ID	Qualification	Expiry date
Principal <i>Fulton Hogan</i>	Johannes Ferreira johannes@cdc.govt.nz 	06 379 4030 021 955 170	N/A	N/A	N/A
TMC <i>Carterton City Council</i>	 		N/A	N/A	N/A
Contractor <i>Fulton Hogan</i>	 		N/A	N/A	N/A
STMS <i>Fulton Hogan</i>	 		N/A	N/A	N/A
STMS <i>Men At Work</i>	 		N/A	N/A	N/A
STMS <i>TMNZ</i>	 		N/A	N/A	N/A
STMS <i>ATMS</i>	 		N/A	N/A	N/A
STMS <i>Downer</i>	 		N/A	N/A	N/A

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TMO	To be decided the day prior and recorded on the eDJR or OSR.	N/A	N/A	N/A	N/A
Emergency Services	Comms Centre – NZ Police, WFA, FENZ	[REDACTED]	N/A	N/A	N/A

TMP preparation

Preparation	[REDACTED]	16/01/2024	[REDACTED]	149740	STMS AB-NP STMS C-NP	17/05/2026 24/04/2026
	<i>Name (STMS qualified)</i>	<i>Date</i>	<i>Signature</i>	<i>ID no.</i>	<i>Qualification</i>	<i>Expiry date</i>

This TMP meets CoPTTM requirements Number of diagrams attached: 8

TMP returned for correction (if required)						
	<i>Name</i>	<i>Date</i>	<i>Signature</i>	<i>ID no.</i>	<i>Qualification</i>	<i>Expiry date</i>

Engineer/TMC to complete following section when approval or acceptance required

Temporary safety barrier system	The attached temporary road safety barrier design has been independently reviewed as being fit for purpose	Not required
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TMP Approved						
	<i>Name</i>	<i>Date</i>	<i>Signature</i>	<i>ID no.</i>	<i>Qualification</i>	<i>Expiry date</i>

Acceptance by TMC (only required if TMP approved by engineer)						
	<i>Name</i>	<i>Date</i>	<i>Signature</i>	<i>ID no.</i>	<i>Qualification</i>	<i>Expiry date</i>

Qualifier for engineer or TMC approval

Approval of this TMP authorizes the use of any regulatory signs included in the TMP or attached traffic management diagrams.

This TMP is approved on the following basis:

- To the best of the approving engineer's/TMC's judgment this TMP conforms to the requirements of CoPTTM.
- This plan is approved on the basis that the activity, the location and the road environment have been correctly represented by the applicant. Any inaccuracy in the portrayal of this information is the responsibility of the applicant.
- The TMP provides so far as is reasonably practicable, a safe and fit for purpose TTM system.
- The STMS for the activity is reminded that it is the STMS's duty to postpone, cancel or modify operations due to the adverse traffic, weather or other conditions that affect the safety of this site.

Notification to TMC prior to occupying worksite/Notification completed

Type of notification to TMC required		Notification completed	Date	<input type="text"/>
			Time	<input type="text"/>

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 STMS Number 131730

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ERLGOIMA

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[REDACTED]
STMS Number 131730
[REDACTED]
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ON-SITE RECORD On-site record must be retained with TMP for 12 months.			Today's date
Location details	Road names(s):	House number/RPs:	Suburb:

Working space	
Person responsible for working space	
Name	Signature
Where the STMS/TC is responsible for both the working space and TTM they sign above and in the appropriate TTM box below	

TTM 7					
STMS in charge of TTM					
	Name	TTM ID Number	Warrant expiry date	Signature	Time
Worksite handover accepted by replacement STMS					
	Name	ID Number	Warrant expiry date	Signature	Time
	Tick to confirm handover briefing completed				

Delegation					
Worksite control accepted by TC/STMS-NP					
	Name	ID Number	Warrant expiry date	Signature	Time
	Tick to confirm briefing completed				

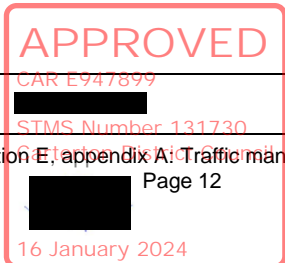
Temporary speed limit						
Street/road name (RPs or street numbers):		TSL action	Date:	Time:	TSL speed:	Length of TSL (m):
From:	To:	TSL installed				
		TSL remains in place				
		TSL removed				
Street/road name (RPs or street numbers):		TSL action	Date:	Time:	TSL speed:	Length of TSL (m):
From:	To:	TSL installed				
		TSL remains in place				
		TSL removed				
Street/road name (RPs or street numbers):		TSL action	Date:	Time:	TSL speed:	Length of TSL (m):
From:	To:	TSL installed				
		TSL remains in place				
		TSL removed				
Street/road name (RPs or street numbers):		TSL action	Date:	Time:	TSL speed:	Length of TSL (m):
From:	To:	TSL installed				
		TSL remains in place				
		TSL removed				

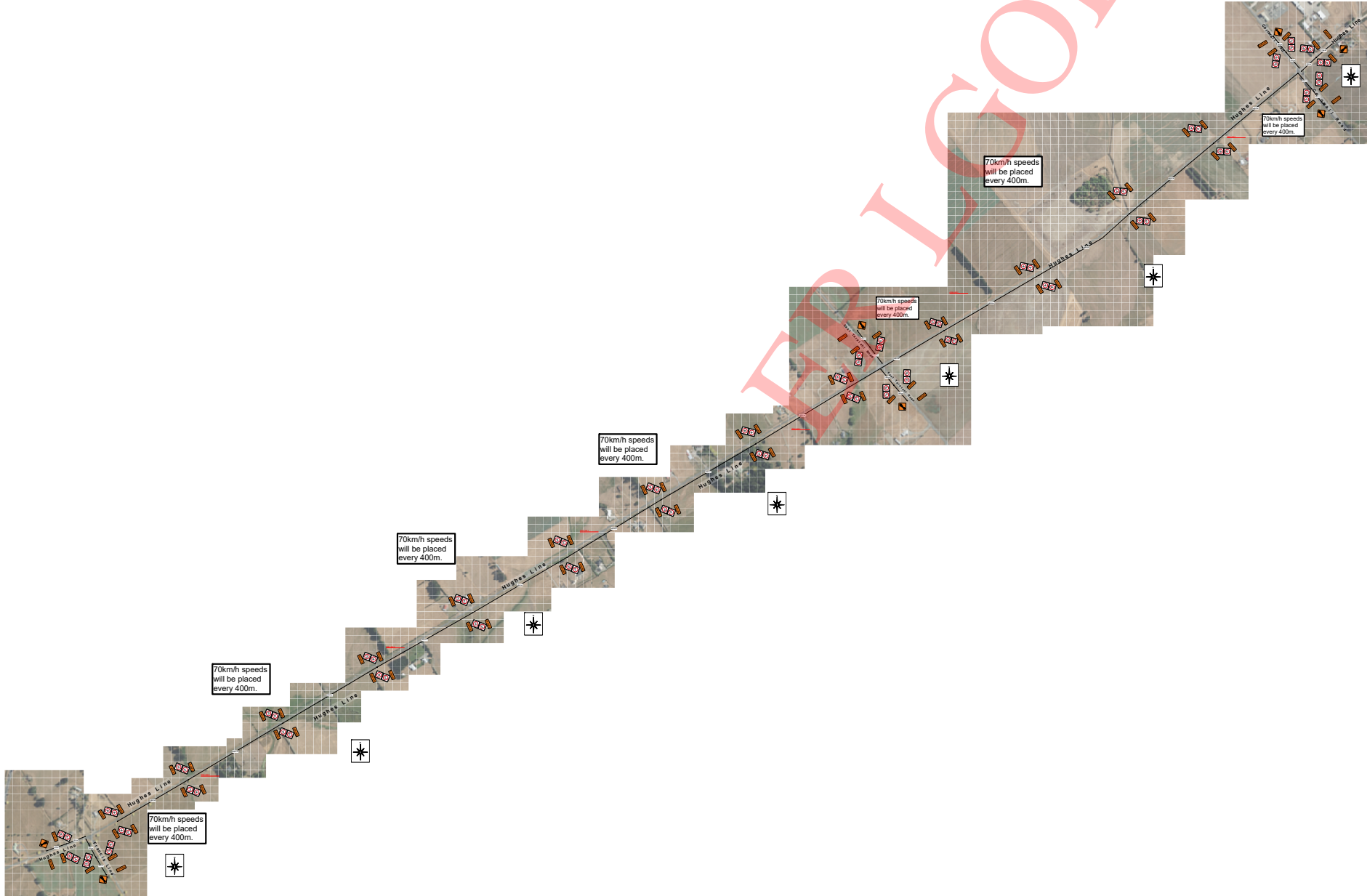
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Worksite monitoring

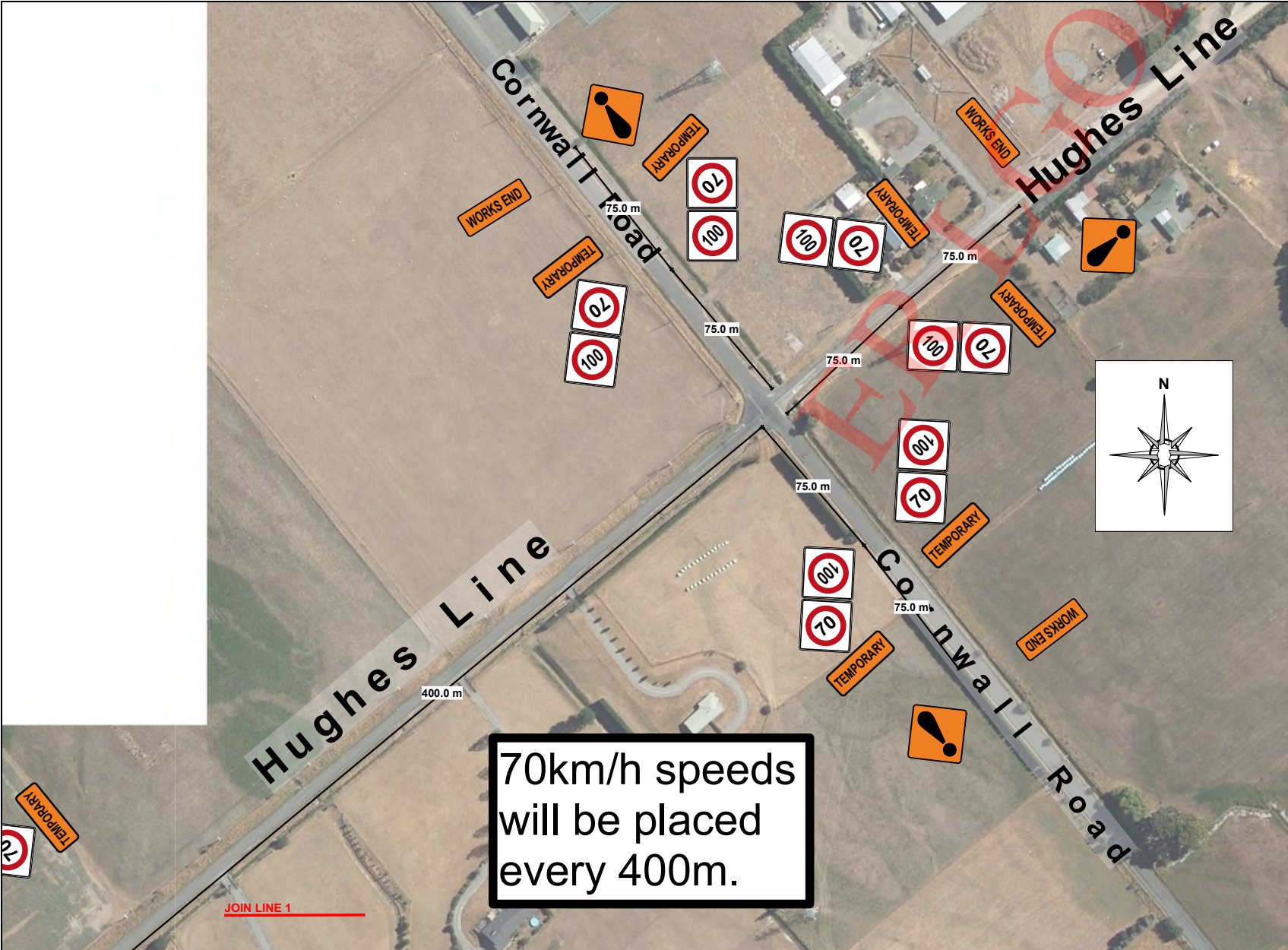
TTM to be monitored and 2 hourly inspections documented below.

Items to be inspected	TTM set-up	2 hourly check	2 hourly check	2 hourly check	2 hourly check	2 hourly check	TTM removal
High-visibility garment worn by all?							
Signs positioned as per TMP?							
Conflicting signs covered?							
Correct delineation as per TMP?							
Lane widths appropriate?							
Appropriate positive TTM used?							
Footpath standards met?							
Cycle lane standards met?							
Traffic flows OK?							
Adequate property access?							
<i>Add others as required</i>							
Time inspection completed:							
Signature:							
Comments:							
Time	Adjustment made and reason for change						



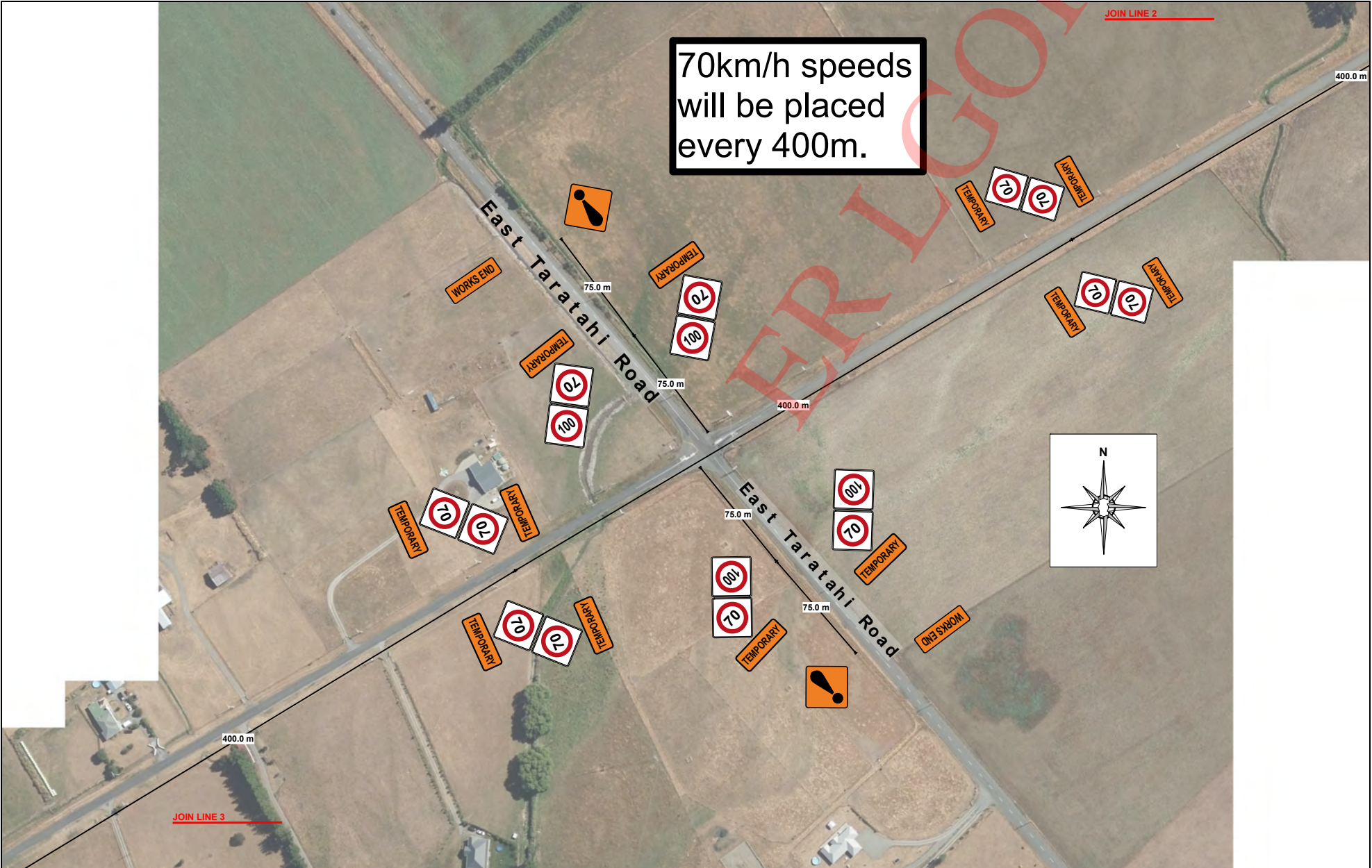


Plan	TMD 1			<p>People at the heart of everything</p>	<p>Plan Scale</p> <p>1 : 20001 (1cm = 200m)</p> <p><i>This drawing, design and concept remain the property of Fulton Hogan Ltd. Unauthorised reproduction of any part of this document is prohibited. This TTM Plan must be utilised only at the locations and works it is associated and not without approval from the approving RCA.</i></p>
Designer	[Redacted]	149740	CAT ABC - NP		
Date	05/09/2023			<p>Site Overview</p> <p>[Redacted]</p>	



70km/h speeds
will be placed
every 400m.

Plan	TMD 2			 People at the heart of everything	Plan Scale 1 : 2760 (1cm = 28m)
Designer	[REDACTED]	149740	CAT ABC - NP		
Date	05/09/2023			/Cornwall Intersection [REDACTED]	



70km/h speeds
will be placed
every 400m.

Plan	TMD 4				Plan Scale 1 : 3243 (1cm = 32m)
Designer	██████████	149740	CAT ABC - NP		
Date	05/09/2023			This drawing, design and concept remain the property of Fulton Hogan Ltd. Unauthorised reproduction of any part of this document is prohibited. This TTM Plan must be utilised only at the locations and works it is associated and not without approval from the approving RCA.	

CAR 584789

 STMS Number 151730

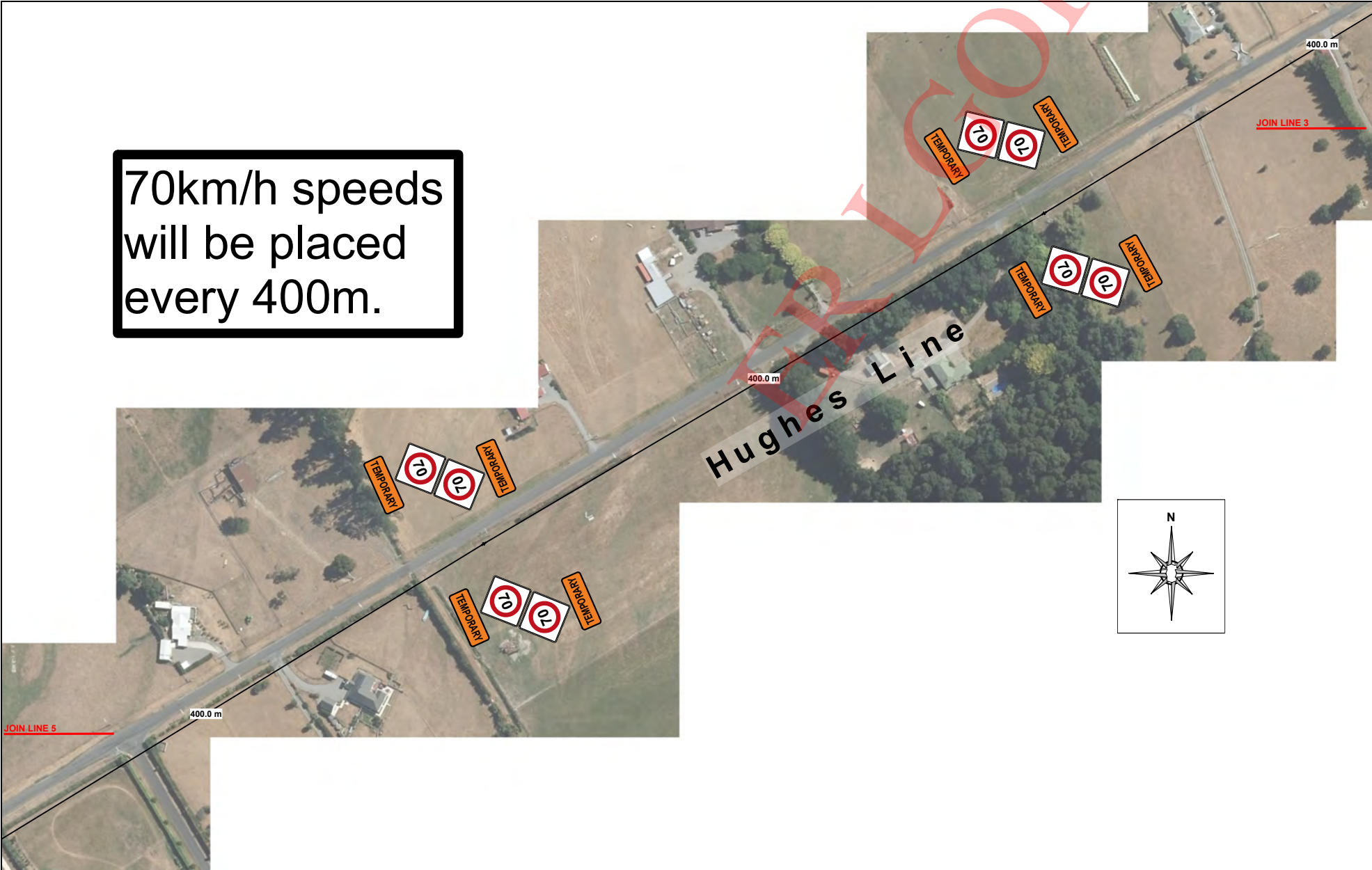
 Carterton District Council

 Hughes/East Taratahi Road Intersection

 ██████████

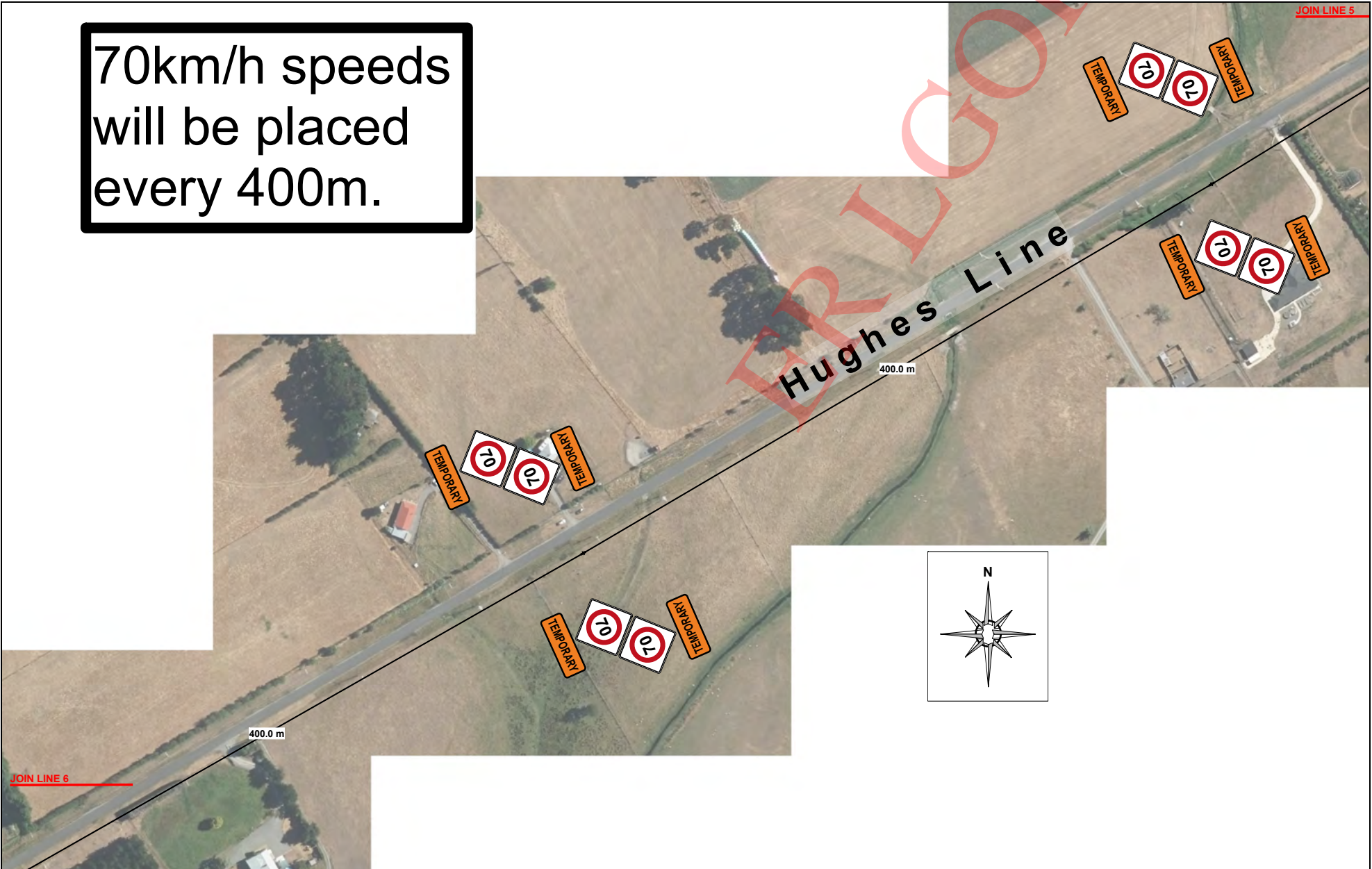
 16 January 2024

70km/h speeds
will be placed
every 400m.



Plan	TMD 5				Plan Scale 1 : 3235 (1cm = 32m)
Designer	██████████	149740	CAT ABC - NP		
Date	05/09/2023			South of Hughes/East Taratahi ██████████ tion 16 January 2024	<small>This drawing, design and concept remain the property of Fulton Hogan Ltd. Unauthorised reproduction of any part of this document is prohibited. This TTM Plan must be utilised only at the locations and works it is associated and not without approval from the approving RCA.</small>

70km/h speeds will be placed every 400m.



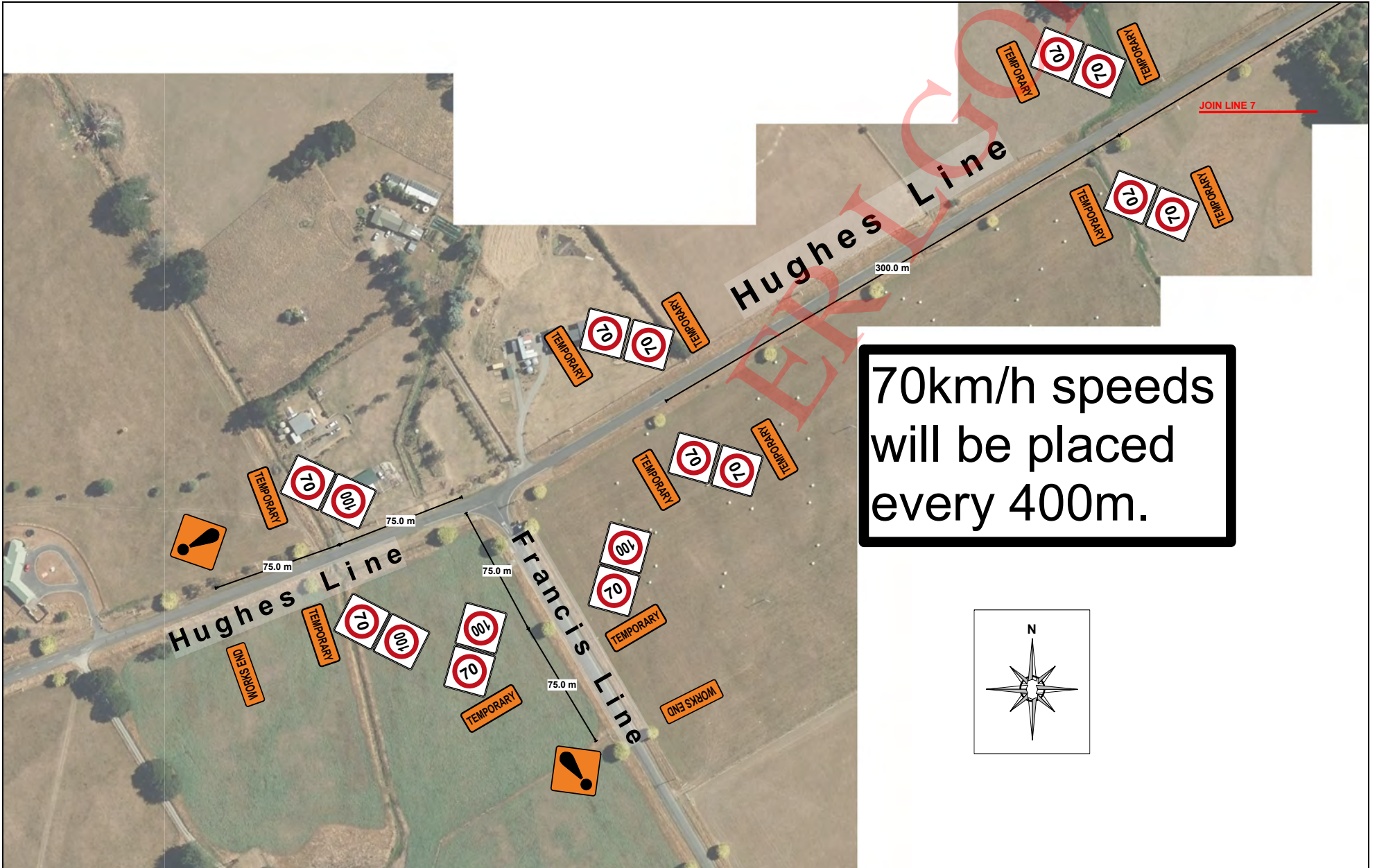
Plan	TMD 6		
Designer	██████████	149740	CAT ABC - NP
Date	05/09/2023		

Stay Safe
 CAR 584789
 STMS Number 151730
 In-between East Taratahi and Francis Line
 ██████████
 16 January 2024

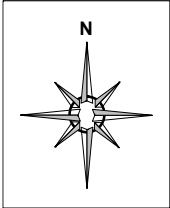
Living Safely
 People at the heart of everything

Plan Scale
 1 : 2883 (1cm = 29m)

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70km/h speeds
will be placed
every 400m.



Plan	TMD 8				<p>Plan Scale</p> <p>1 : 2992 (1cm = 30m)</p> <p><small>This drawing, design and concept remain the property of Fulton Hogan Ltd. Unauthorised reproduction of any part of this document is prohibited. This TTM Plan must be utilised only at the locations and works it is associated and not without approval from the approving RCA.</small></p>
Designer	[REDACTED]	149740	CAT ABC - NP		
Date	05/09/2023			<p>Hughes/Francis Intersection</p> <p>[REDACTED]</p>	

Stay Safe

 CAR 584789

 STMS Number 151730

 Carterton District Council

 [REDACTED]

 16 January 2024

Appendix Two – Maintenance Cost Transactions from June 2023 to 8 February 2024

Transaction ID	Road	Start	End	Length	Position	Financial Year	Cost Group	Fault	Cost Amt	Source Quantity	Units
96183	HUGHES LINE	3685	3685	0	Left	2023/24	Environment	Incident TTM	\$322.00	4	each
96263	HUGHES LINE	0	0	0	Unknown	2023/24	Traff Facil	Replace non-functional asset	\$189.25	1	each
96347	HUGHES LINE	3043	3043	0	Left	2023/24	Pavement	Pot-holes	\$54.82	1	each
96353	HUGHES LINE	5605	5781	176	Unknown	2023/24	Pavement	Contractor inspection	\$8.71	176	metres
96461	HUGHES LINE	444	444	0	Left	2023/24	Traff Facil	Vehicle accident	\$60.64	1	each
96462	HUGHES LINE	395	395	0	Left	2023/24	Traff Facil	Missing	\$60.64	3	each
96534	HUGHES LINE	402	402	0	Left	2023/24	Environment	Incident TTM	\$112.07	1	each
96535	HUGHES LINE	3657	3667	10	Left	2023/24	Environment	Dropout	\$161.86	10	metres
96543	HUGHES LINE	3687	3687	0	Left	2023/24	Environment	Incident TTM	\$653.13	1	each
96727	HUGHES LINE	10	3727	3717	Unknown	2023/24	Pavement	Contractor inspection	\$184.49	3717	metres
96780	HUGHES LINE	150	150	0	Right	2023/24	Pavement	Pot-holes	\$54.82	1	each
96803	HUGHES LINE	143	143	0	Right	2023/24	Pavement	Pot-holes	\$54.82	1	each
96810	HUGHES LINE	5696	5696	0	Left	2023/24	Traff Facil	Missing	\$508.95	40	each
97065	HUGHES LINE	5781	6586	805	Full width	2023/24	Pavement	Contractor inspection	\$39.85	805	metres
97088	HUGHES LINE	5787	5787	0	Left	2023/24	Traff Facil	Missing	\$1,453.61	7	each cubic
97283	HUGHES LINE	5781	6586	805	Full width	2023/24	Pavement	Aggregate loss	\$2,451.73	49.43	metres
97289	HUGHES LINE	3685	3685	0	Left	2023/24	Environment	Incident TTM	\$322.00	4	each
97341	HUGHES LINE	3737	5605	1868	Unknown	2023/24	Pavement	Contractor inspection	\$92.47	1868	metres
98215	HUGHES LINE	5781	6586	805	Unknown	2023/24	Pavement	Reshape cross-section	\$102.71	805	metres
98555	HUGHES LINE	3179	3179	0	Right	2023/24	Pavement	Pot-holes	\$54.82	1	each
98558	HUGHES LINE	3048	3048	0	Left	2023/24	Pavement	Pot-holes	\$54.82	1	each
98579	HUGHES LINE	1224	1224	0	Right	2023/24	Traff Facil	Vehicle accident	\$60.64	1	each
98742	HUGHES LINE	5781	6586	805	Unknown	2023/24	Pavement	Reshape cross-section	\$89.63	805	metres
98751	HUGHES LINE	3737	5605	1868	Unknown	2023/24	Pavement	Contractor inspection	\$92.47	1868	metres
98758	HUGHES LINE	10	3727	3717	Unknown	2023/24	Pavement	Contractor inspection	\$184.49	3717	metres
99090	HUGHES LINE	4488	4488	0	Left	2023/24	Traff Facil	Replace non-functional asset	\$30.32	2	each
99091	HUGHES LINE	4900	4900	0	Right	2023/24	Traff Facil	Replace non-functional asset	\$30.32	1	each
99362	HUGHES LINE	4	6586	6582	Both sides	2023/24	Verge	Vegetation control type 5	\$260.65	13164	metres
99375	HUGHES LINE	4	6586	6582	Both sides	2023/24	Verge	Vegetation control type 5	\$188.81	13164	metres
99535	HUGHES LINE	0	5781	5781	Both sides	2023/24	Verge	Vegetation control type 1	\$292.17	11562	metres
99915	HUGHES LINE	3707	3707	0	Left	2023/24	Traff Facil	Vehicle accident	\$214.95	1	each
99930	HUGHES LINE	3200	3200	0	Unknown	2023/24	Pavement	Pot-holes	\$54.82	1	each
99931	HUGHES LINE	3057	3057	0	Unknown	2023/24	Pavement	Pot-holes	\$54.82	1	each
100062	HUGHES LINE	5613	5613	0	Unknown	2023/24	Drainage	Contractor inspection	\$6.30	1	each
100063	HUGHES LINE	5588	5588	0	Right	2023/24	Drainage	Contractor inspection	\$6.30	1	each
100064	HUGHES LINE	5585	5585	0	Unknown	2023/24	Drainage	Contractor inspection	\$6.30	1	each
100065	HUGHES LINE	5529	5529	0	Unknown	2023/24	Drainage	Contractor inspection	\$6.30	1	each
100066	HUGHES LINE	5891	5891	0	Unknown	2023/24	Drainage	Contractor inspection	\$6.30	1	each
100067	HUGHES LINE	5308	5308	0	Unknown	2023/24	Drainage	Contractor inspection	\$6.30	1	each

Transaction ID	Road	Start	End	Length	Position	Financial Year	Cost Group	Fault	Cost Amt	Source Quantity	Units
100068	HUGHES LINE	4993	4993	0	Unknown	2023/24	Drainage	Contractor inspection	\$6.30		1 each
100069	HUGHES LINE	4794	4794	0	Unknown	2023/24	Drainage	Contractor inspection	\$6.30		1 each
100070	HUGHES LINE	4136	4136	0	Unknown	2023/24	Drainage	Contractor inspection	\$6.30		1 each
100071	HUGHES LINE	3645	3645	0	Unknown	2023/24	Drainage	Contractor inspection	\$6.30		1 each
100072	HUGHES LINE	3357	3357	0	Unknown	2023/24	Drainage	Contractor inspection	\$6.30		1 each
100073	HUGHES LINE	3162	3162	0	Unknown	2023/24	Drainage	Contractor inspection	\$6.30		1 each
100074	HUGHES LINE	2983	2983	0	Unknown	2023/24	Drainage	Contractor inspection	\$6.30		1 each
100075	HUGHES LINE	2724	2724	0	Unknown	2023/24	Drainage	Contractor inspection	\$6.30		1 each
100077	HUGHES LINE	2546	2546	0	Right	2023/24	Drainage	Contractor inspection	\$6.30		1 each
100079	HUGHES LINE	2400	2400	0	Unknown	2023/24	Drainage	Contractor inspection	\$6.30		1 each
100081	HUGHES LINE	2316	2316	0	Unknown	2023/24	Drainage	Contractor inspection	\$6.30		1 each
100082	HUGHES LINE	2246	2246	0	Unknown	2023/24	Drainage	Contractor inspection	\$6.30		1 each
100083	HUGHES LINE	2003	2003	0	Unknown	2023/24	Drainage	Contractor inspection	\$6.30		1 each
100084	HUGHES LINE	1872	1872	0	Unknown	2023/24	Drainage	Contractor inspection	\$6.30		1 each
100086	HUGHES LINE	1130	1130	0	Unknown	2023/24	Drainage	Contractor inspection	\$6.30		1 each
100087	HUGHES LINE	787	787	0	Unknown	2023/24	Drainage	Contractor inspection	\$6.30		1 each
100088	HUGHES LINE	383	383	0	Unknown	2023/24	Drainage	Contractor inspection	\$6.30		1 each
100089	HUGHES LINE	320	320	0	Unknown	2023/24	Drainage	Contractor inspection	\$6.30		1 each
100194	HUGHES LINE	10	3727	3717	Unknown	2023/24	Pavement	Contractor inspection	\$184.49		3717 metres
100208	HUGHES LINE	5605	5781	176	Unknown	2023/24	Pavement	Contractor inspection	\$8.71		176 metres
100534	HUGHES LINE	3822	3824	2	Left	2023/24	Shoulder	Edge break	\$47.10		2 metres
100535	HUGHES LINE	4175	4178	3	Right	2023/24	Shoulder	Edge break	\$82.43		3.5 metres
100624	HUGHES LINE	3186	3186	0	Left	2023/24	Pavement	Pot-holes	\$54.82		1 each
100625	HUGHES LINE	26	26	0	Centre	2023/24	Pavement	Pot-holes	\$54.82		1 each
100627	HUGHES LINE	3764	3764	0	Left	2023/24	Pavement	Pot-holes	\$54.82		1 each
100628	HUGHES LINE	3767	3767	0	Left	2023/24	Pavement	Pot-holes	\$54.82		1 each
100718	HUGHES LINE	3617	3617	0	Unknown	2023/24	Environment	Remove debris	\$224.16		1 metres
100746	HUGHES LINE	3737	5605	1868	Unknown	2023/24	Pavement	Contractor inspection	\$92.47		1868 metres
	HUGHES LINE	0	6586		Both	Jun-23	Berms	Noxious Plants - Spraying	\$556.52		6.586 metres
	HUGHES LINE	10	3727			Jun-23	Pavement	Carriageway Inspection	\$175.47		3.727 metres
	HUGHES LINE	5781	6586		Full Width	Jun-23	Unsealed	Unsealed Inspection	\$37.90		0.805 metres
	HUGHES LINE	3731	5581		Left	Jun-23	Shoulders	High Shoulder	\$19,864.81		4 metres
	HUGHES LINE	1616			Right	Jun-23	Signs	Sign - New Installation	\$0.00		0 each
	HUGHES LINE	3685			Left	Jun-23	Emergency Works	Road Closed	\$12,518.39		114 each
	HUGHES LINE	2034			Left	Jun-23	Signs	Sign - New Installation	\$88.14		1 each
	HUGHES LINE	2154			Left	Jun-23	Signs	Sign - New Installation	\$190.71		2 each
	HUGHES LINE	2154			Left	Jun-23	Signs	Sign - New Installation	\$88.14		1 each
	HUGHES LINE	2363			Right	Jun-23	Signs	Sign - New Installation	\$161.21		4.3125 each
	HUGHES LINE	3483			Left	Jun-23	Signs	Sign - New Installation	\$88.14		1 each
	HUGHES LINE	3615			Left	Jun-23	Signs	Sign - New Installation	\$88.05		1 each
	HUGHES LINE	3615			Left	Jun-23	Signs	Sign - New Installation	\$190.80		2 each
	HUGHES LINE	3683			Right	Jun-23	Signs	Sign - New Installation	\$161.21		4.3125 each
	HUGHES LINE	3736			Centre	Jun-23	Signs	Sign - New Installation	\$115.34		3.2 each