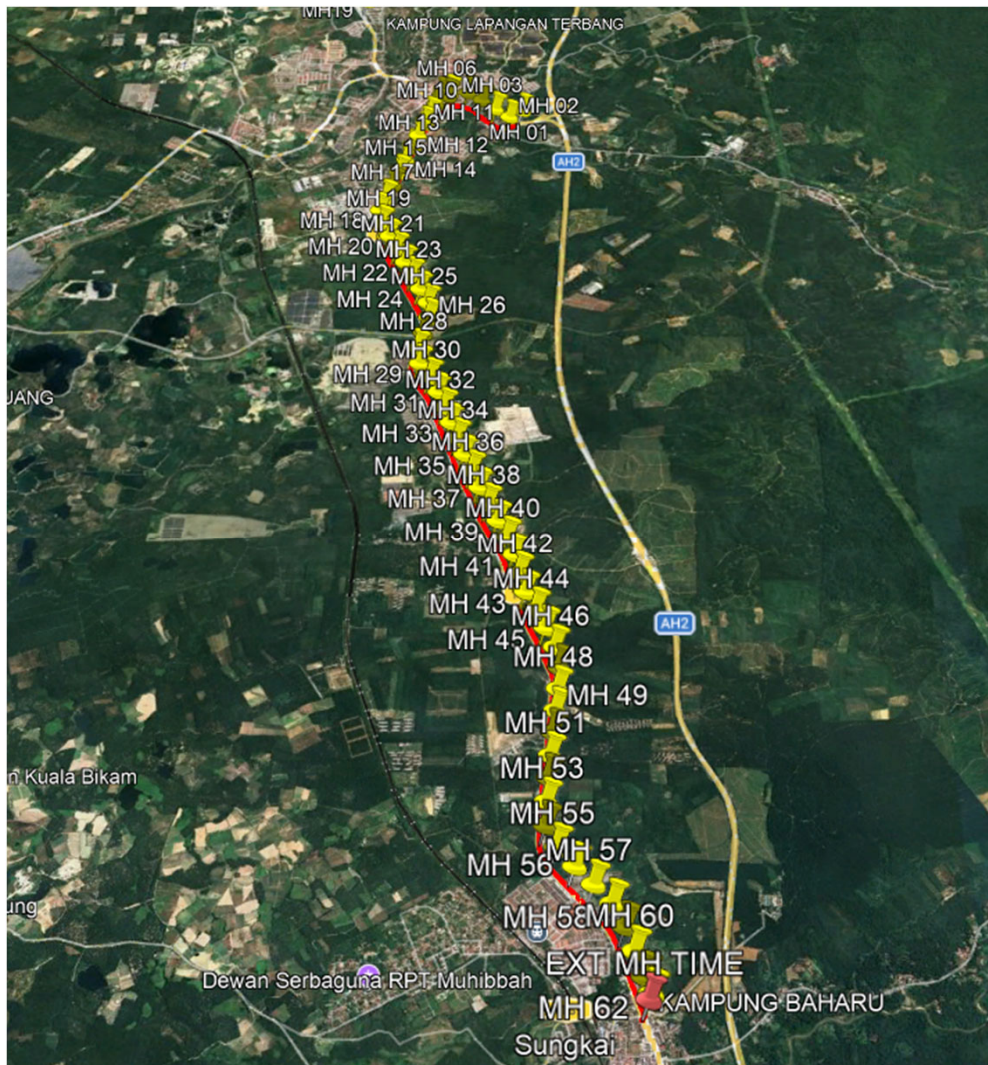




**TECHNICAL PROPOSAL FOR
FIXED ACCESS
At
BIDOR- SUNGKAI
(4.108624, 101.292986)**



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 - PLEASE REFER ATTACHMENT**



Building Name :

Date of LOI :

Date of Survey:

	DESCRIPTION	YES	NO	REMARKS
1	TDC existing manhole coordinate		√	LAT: - LONG: -
2	Existing building manhole coordinate	√		LAT: - LONG: -
3	Any Gas pipe signage seen at site? If YES, attach Photo		√	
4	Any TNB signage seen at site? If YES, attach Photo		√	
5	Any crossing drainage? If YES, attach photo & width of the drainage		√	
6	Any INDAH WATER manhole seen at site? If YES, attach Photo		√	
7	Any crossing traffic light? If YES, attach photo & measurement of the traffic light box		√	
8	Has identified Local Authority? Kindly indicate.	√		MDT
9	Drawing for outside plant (OSP) survey - Building Access & civil work up to last TIME manhole (.dwg format - autocad & .pdf format) *	√		
10	Drawing for inside plant (ISP) survey - MDF up to riser (.dwg format - AutoCAD & .pdf format) *		√	
11	Prepare the complete 1 copy of Technical Proposal (.pdf format & Word Format) –of softcopy – 1 copy	√		
12	Bill of Quantity for civil, fibre pulling, splicing & termination	√		
13	The latitude & longitude of the building location, last TIME manhole and building manhole in 6 decimal points (xx.xxxxxx, x.xxxxxx) in TP Location Map	√		
14	Open up the manhole at any spot of joint/ring cut & provide duct space record for this project (photo required). Please make sure that there is TIME cable in the manhole (photo required).	√		
15	Survey Acknowledgement Form signed & attached	√		
16	Others			

**GENERAL INFORMATION****General Information**

Building Name :

Full Address :,

Type of Development :

No of Unit :

No of Storey per Block :

No of Blocks per Dev : N/A

Contact Person**Management**

Name :

Telephone :

Designation : N/A

Email Address : N/A

Maintenance / Security Department

Name : N/A

Telephone : N/A

Designation : N/A

Email : N/A

Address

Comments**For TimeDotComBhd Use Only**

Remarks :

Prepared by Date of : TECOM ENERGY SDN BHD

LOI Date of Survey :

Surveyed by :

Drawing Prepared by : TECOM ENERGY SDN BHD

: TECOM ENERGY SDN BHD



Technical Information MDF/SDF Room Description

Number of MDF/SDF Room : N/A
Location of Equipment Room : N/A
:
Number of E – Side : 144C
Number of Pairs Terminated : NA
Number of Splitter Installed : N/A
Location of Splitter : N/A
Number of D-Side : N/A
Number of Active Pairs : N/A
Fiber of Termination Box Type : N/A
Power : N/A
Method of Access to Building : HDD
Method of Exit to Riser : N/A

LONGITUDE :-
LATITUDE :-

<u>CONSTRUCTION DETAIL</u>			
NO.	DESCRIPTION	METHOD	DISTANCE
1	CIVIL	HDD	14450
2	OTHERS (PLEASE SPECIFY)	-	-
3	FIBER PULLING	144C	16000

Comment :

For Contractor Use Only :

For Client Use Only :



PROPOSAL FOR FIXED ACCESS

1. Introduction

1. Time dot Com (TdC) offers a wide variety of fixed-link telecommunications services. As part of our commitment to provide our customers with the best possible solutions to serve all their communications needs; we aim to enhance telecommunication services in your building to offer your tenants with High Speed Internet, Data and Voice connectivity. Your premises will be enhanced today for tomorrow's communication and IT requirements. With that, we provide a choice of Service Providers to your tenants and your building gains a future-proof communication infrastructure.
2. A physical infrastructure link to the building is the main access to deliver services to the tenants. The typical link required is through fiber optic cable.
3. In order to support the services, Time dot Com (TdC) require an access to the building MDF rooms in order to provide services to the end user.
4. To be able to deliver these services to your building, we will pull our own fiber optic cables from our nearest hub and place our access equipments into building MDF rooms and telephone riser closet.
5. In order to reach tenants at each floor of the buildings, we will utilize existing D-side internal cabling of building MDF room via telephone riser room before it branches out to each floor/lot of the building.
6. With this setup we will have TdC connection right up to each floor of the building.



2. Riser & Cables

1. TDC will use proposed new civil route via HDD
2. In near future, TIME dot Com also like to propose to pull optical fiber cable for GPON services that require optical interface equipment up to customer.

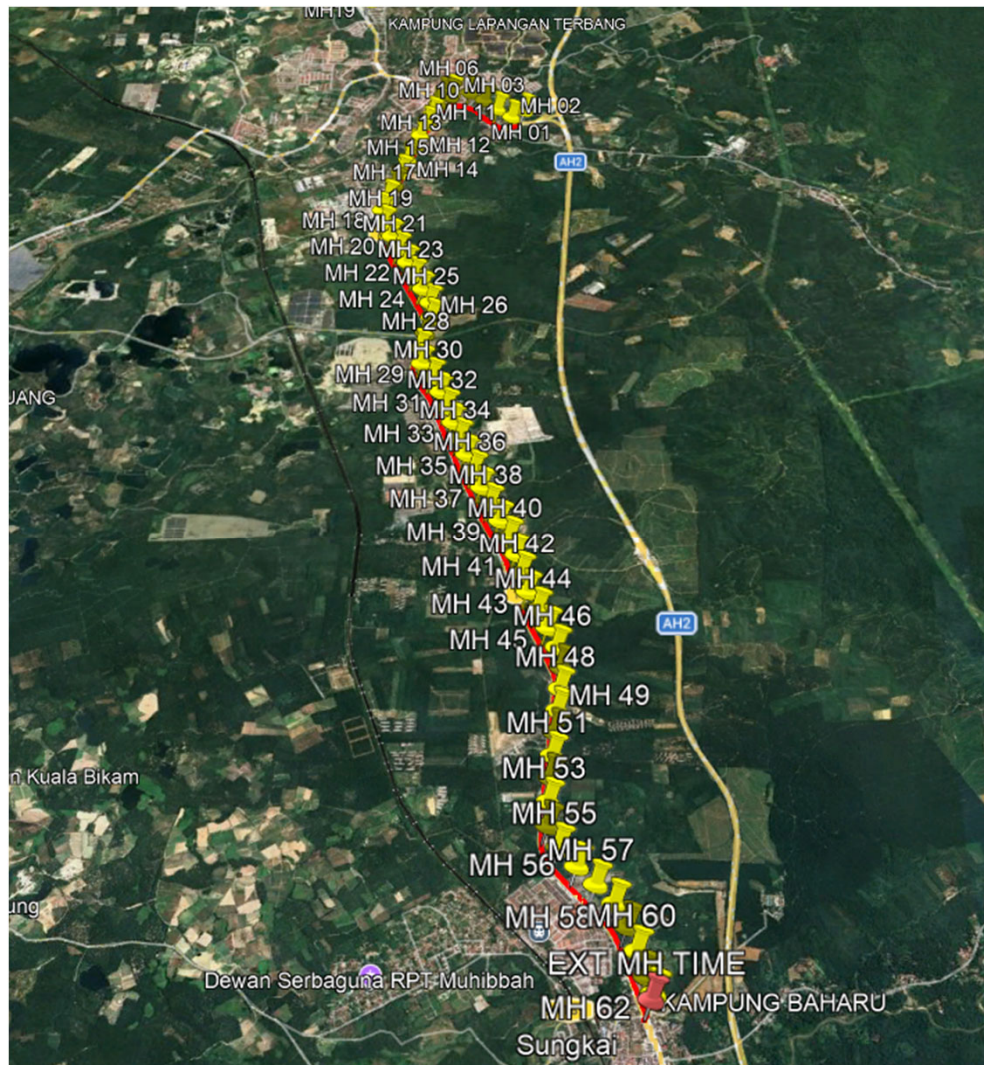
3. Equipment Foot Space & Weight

1. Below is the TdC's standard requirement that will be installed in MDF room.

Description	Remarks

2. However depending on the network requirement, TdC may or may not add additional network equipment(s) in the SDF / MDF room or the vertical riser as it may apply.

1.4 Location Map



BIDOR- SINGKAI
(4.108624, 101.292986)

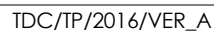


2. APPENDIX A

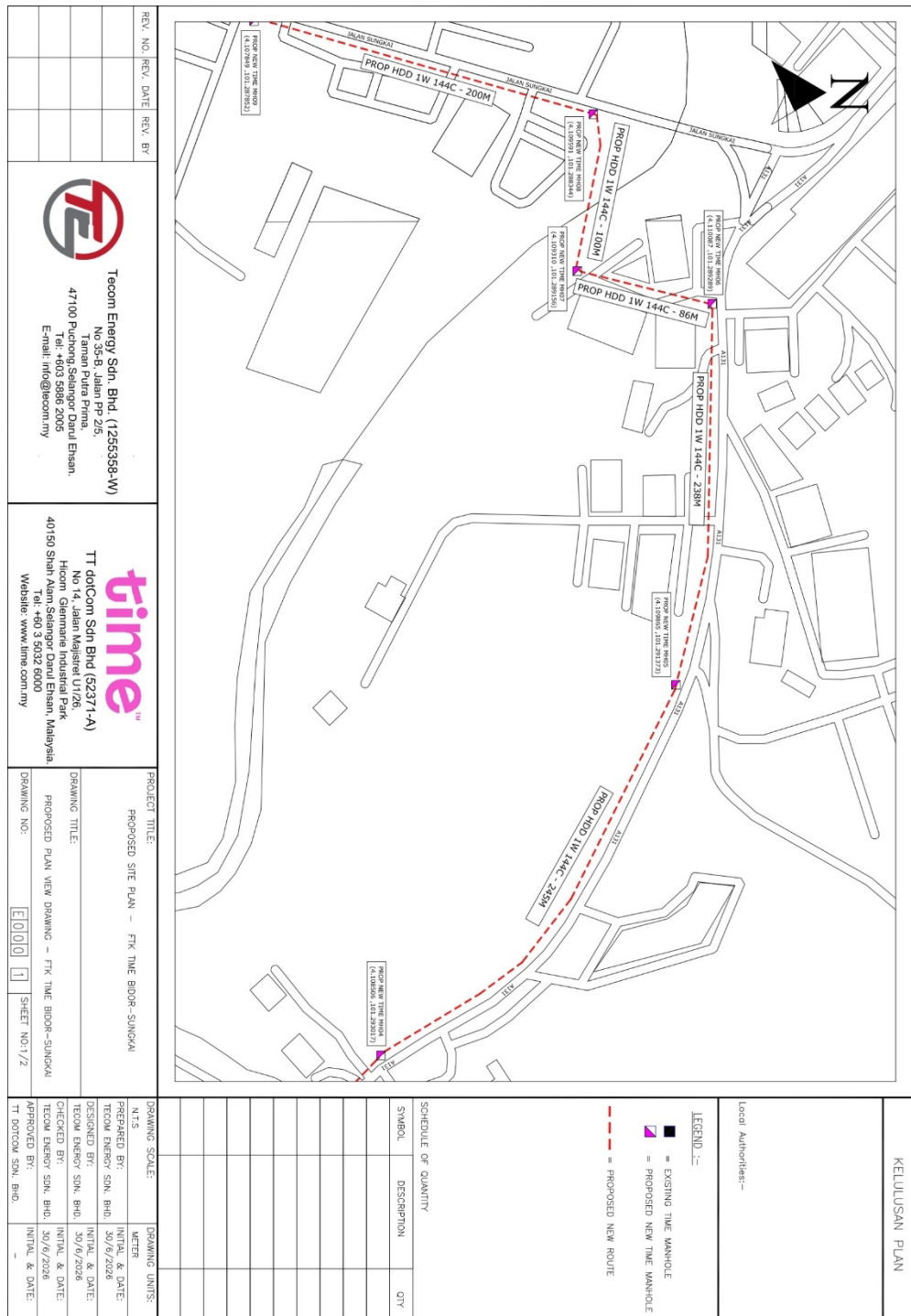
1. Product Portfolio

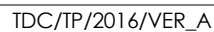
TIME DOT COM CONNECTIONS FOR COMMERCIAL	
Private Data Network	Our Virtual Private Network (VPN) is designed to deliver you an efficient, secured and reliable service. We provide point-to-point technology that directly connects you to your clients and employees. We ensure complete privacy and security, while at the same time, maximizing your speed and bandwidth; ⇒ Channelized Leased Circuit ⇒ Ethernet Leased Circuit ⇒ International Private Leased ⇒ Circuit (IPLC) ⇒ Metro LAN ⇒ International Ethernet Private Leased Circuit (IEPLC)
Internet	TIME Internet services allow you to connect to the world speedily with high scalability, reliability and security. Choose the best solution that suits your need and TIME will take care of the rest; ⇒ Channelized Direct ⇒ Ethernet Direct ⇒ Business Broadband ⇒ Satellite Broadband ⇒ Home Broadband
Voice	We've got a wide range of services from basic phone line with crystal clear voice quality to our account based postpaid Virtual Call service. We also provide local and International toll free services, and even business or individual calling cards. With TIME, it's so easy to stay in touch; ⇒ Business Voice Line ⇒ ISDN PRI ⇒ International Toll Free ⇒ Toll Free 1300 ⇒ Toll Free 1800 ⇒ Audio Conferencing ⇒ Home Fixed Line
Managed Services	TIME Managed Services deliver end-to-end networking solutions. Focus on your productivity while we provide you with support possible to take your business to the next level; ⇒ IPVPN ⇒ SAN Extension
Wholesale Service	We are able to offer you unmatched capacity and network resiliency. We aim to ensure seamless connectivity and high availability, thus maximizing your operational capabilities; ⇒ Wholesale bandwidth ⇒ Wholesale Voice (Transit Premium, Transit CLR) ⇒ Cross Peninsular Cable System (CPCS)

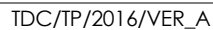
TDC/TP/2016/VER_A



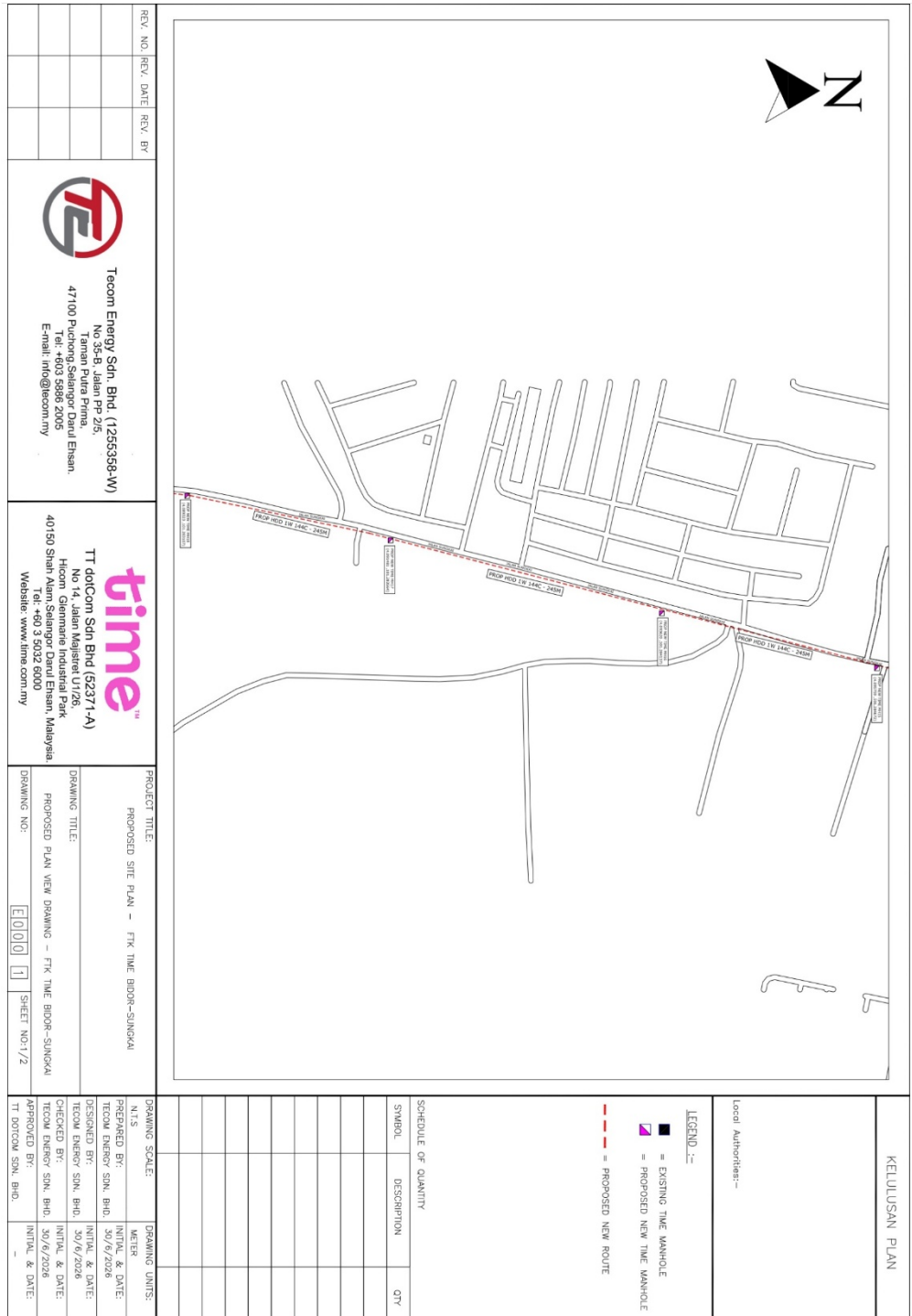
2.3 Drawing – SITE PLAN Plan



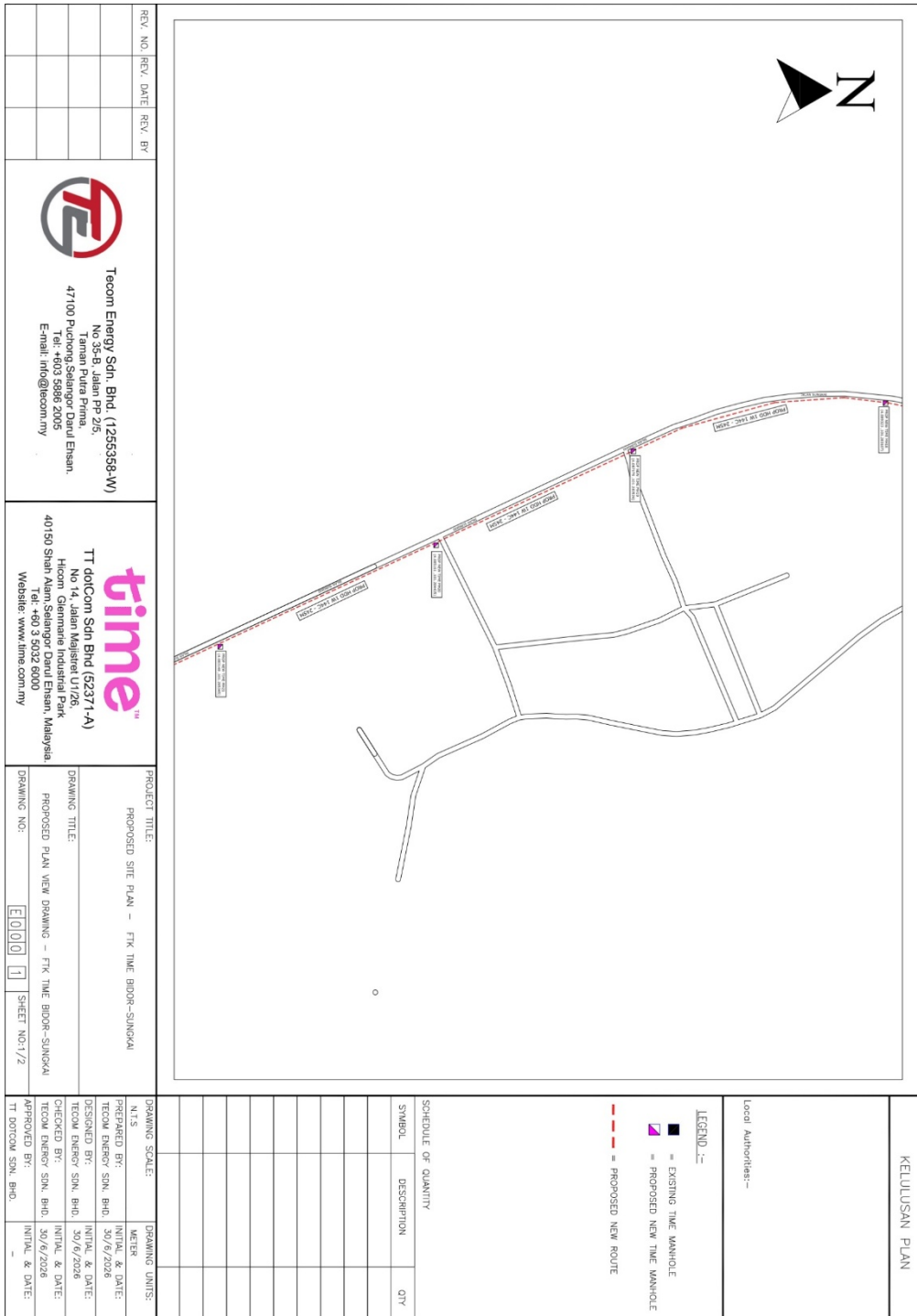


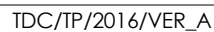


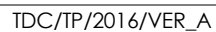
2.3 Drawing – SITE PLAN Plan

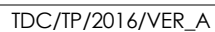


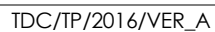
2.3 Drawing – SITE PLAN Plan

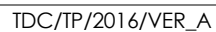


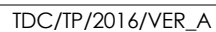


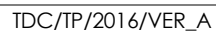




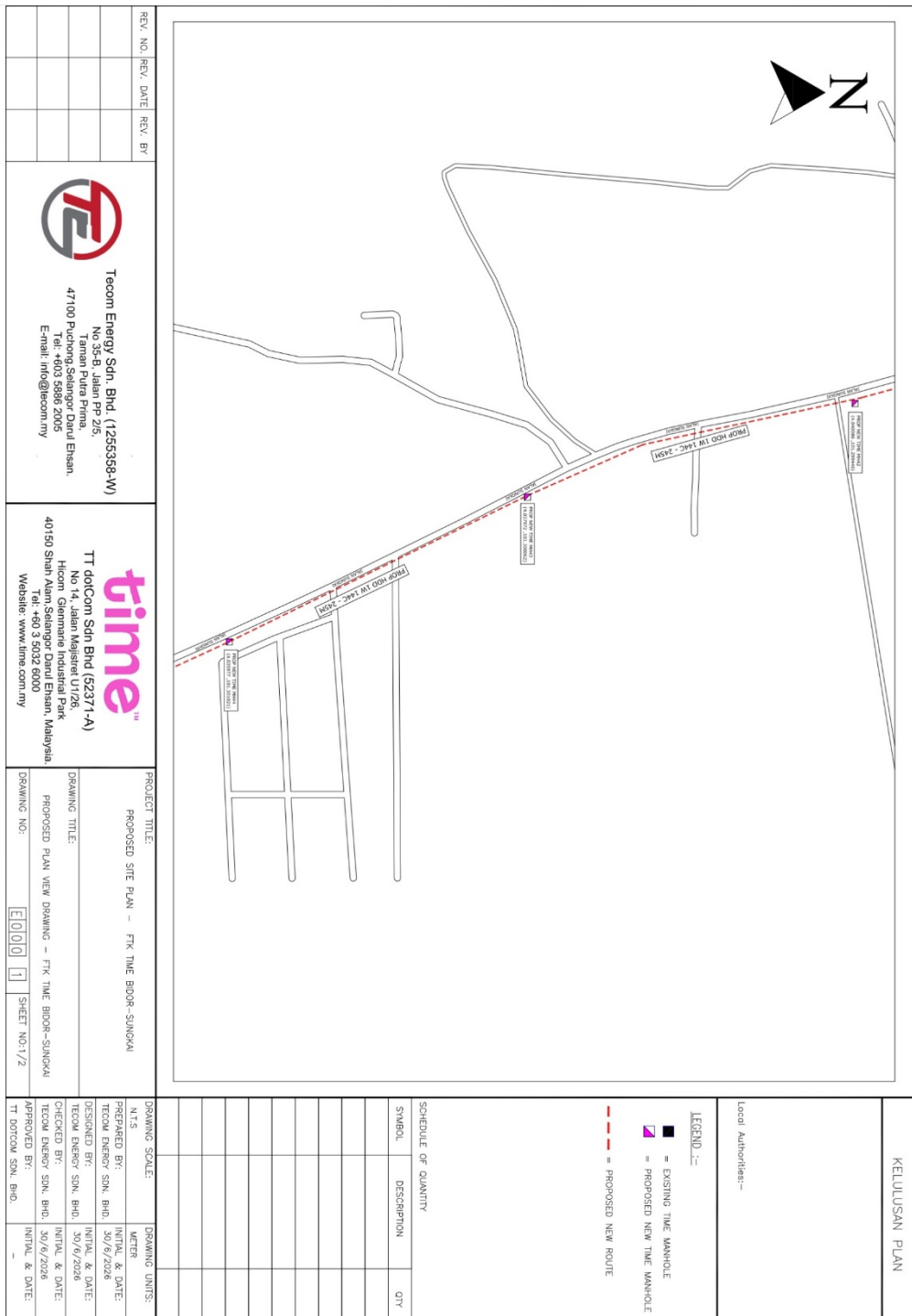


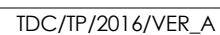




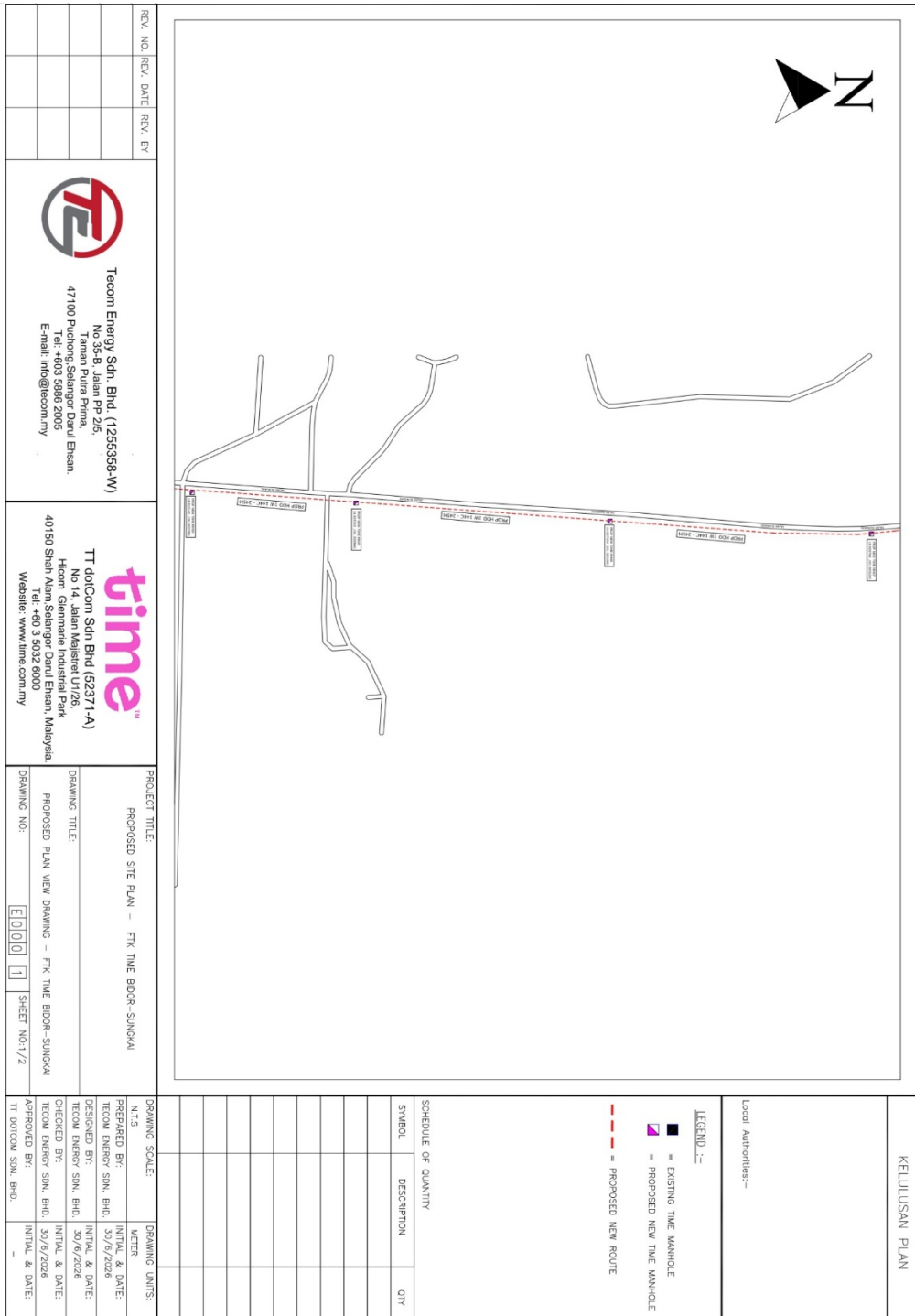


2.3 Drawing – SITE PLAN Plan

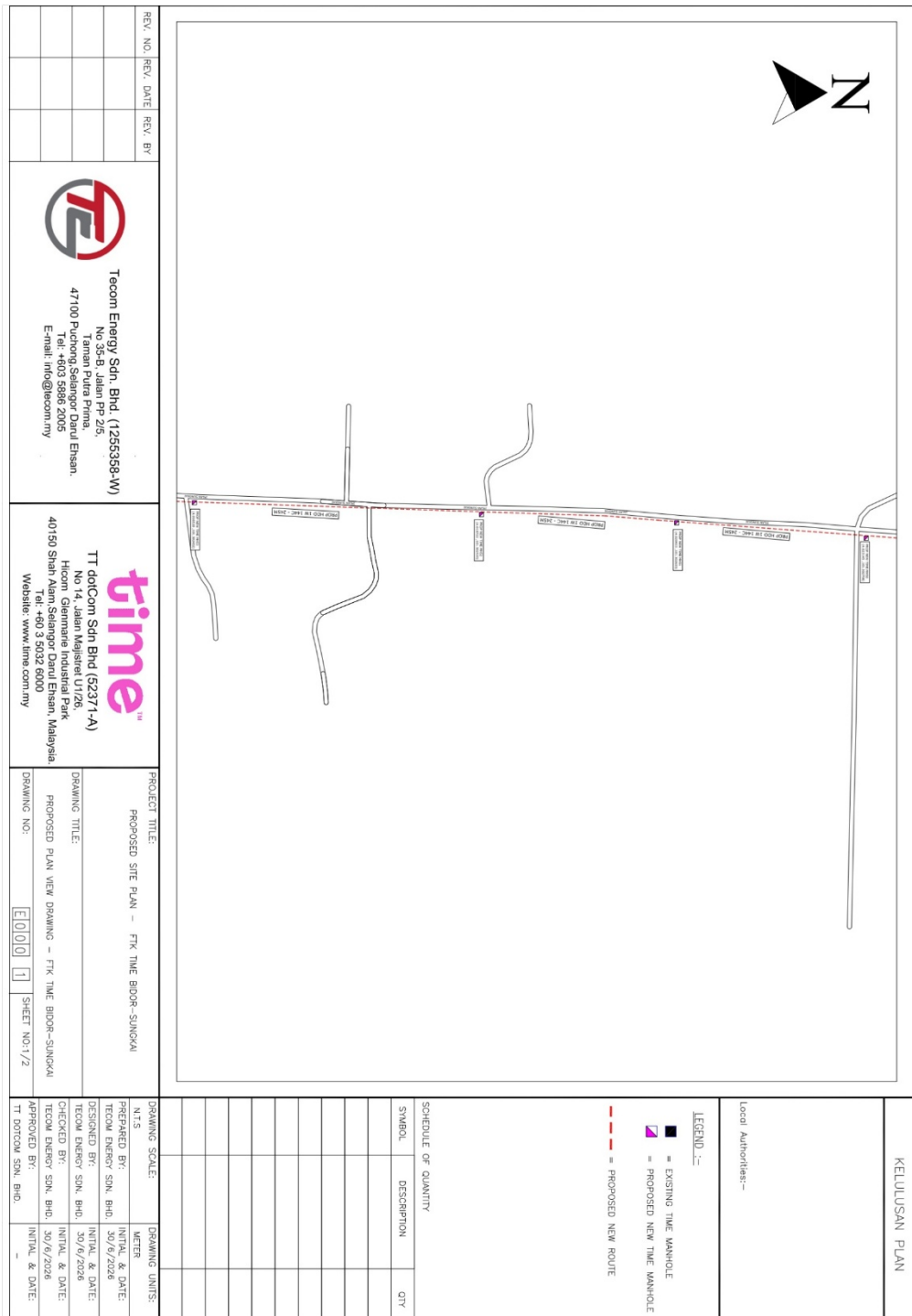


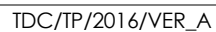


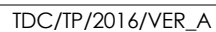
2.3 Drawing – SITE PLAN Plan

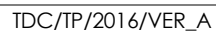


2.3 Drawing – SITE PLAN Plan









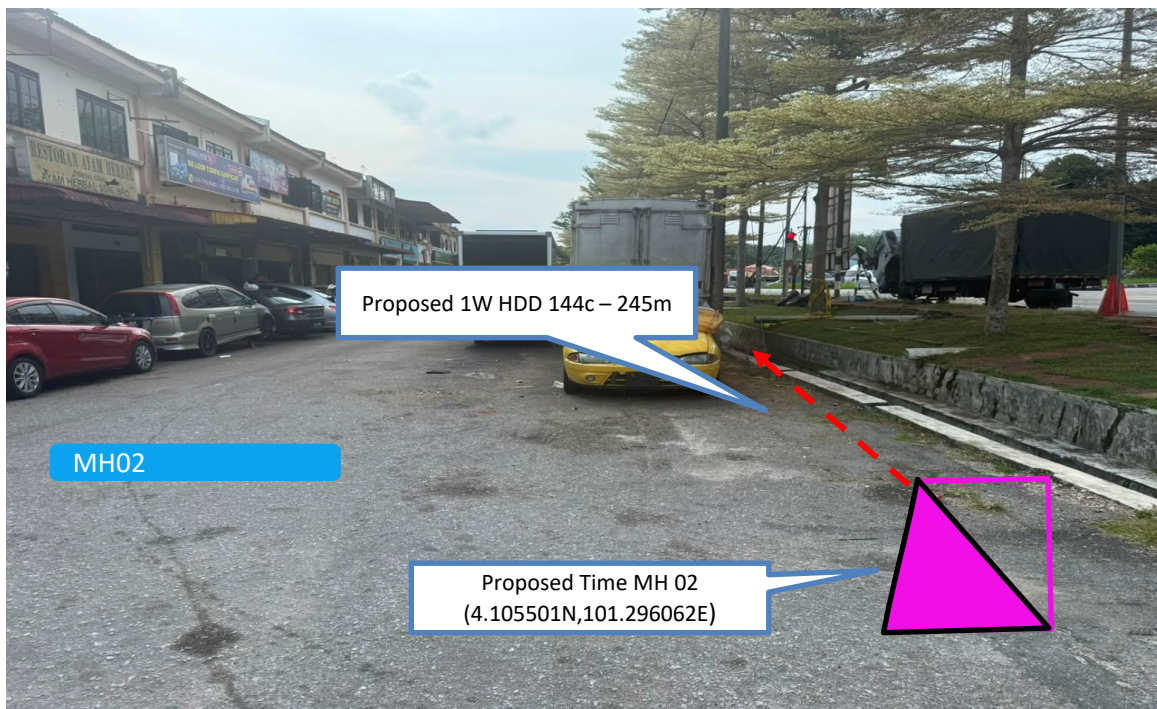




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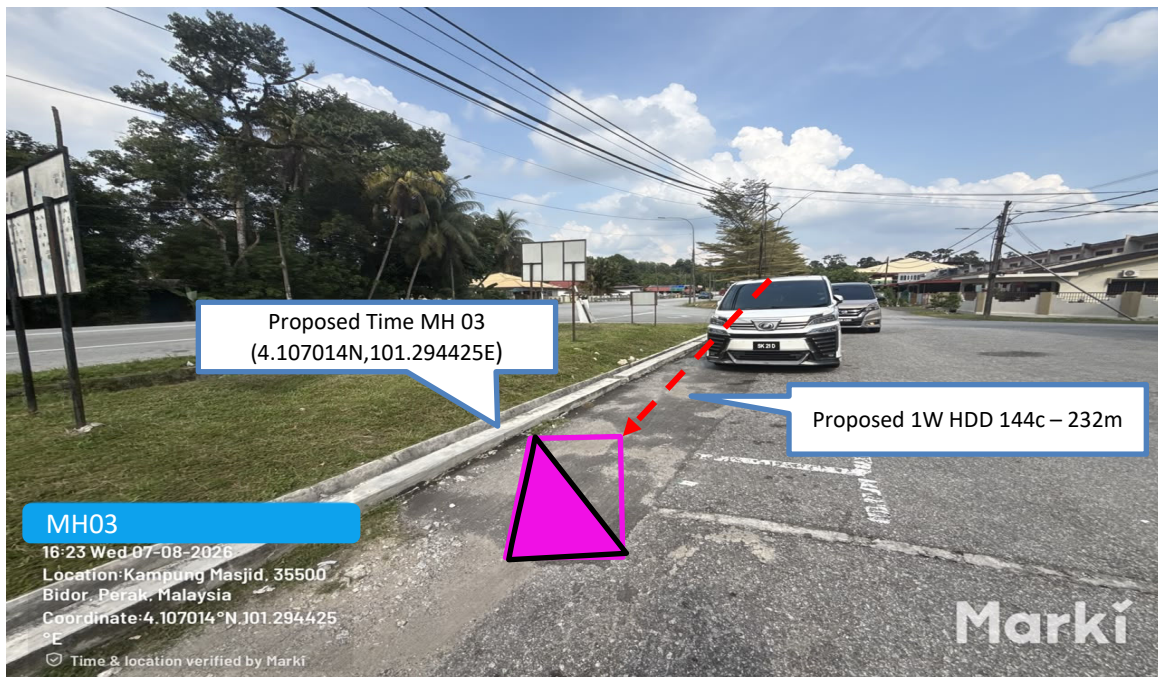


Prop 1W HDD 144C from Proposed Time MH01 to Proposed Time MH02 – 220 m

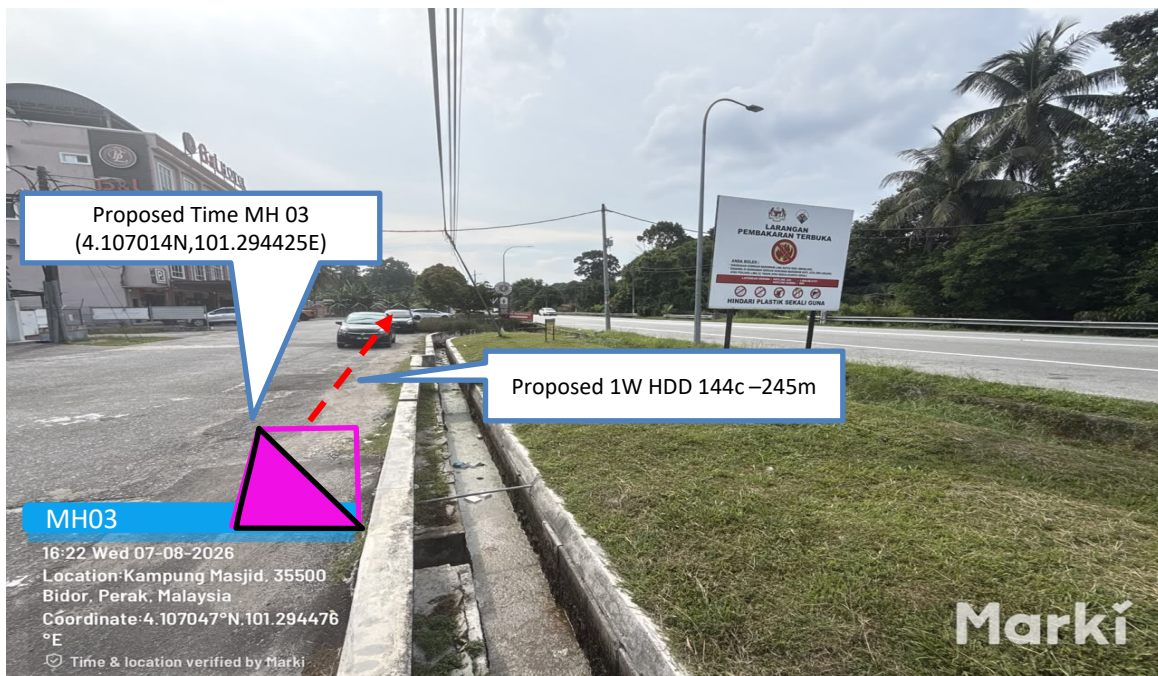


Prop 1W HDD 144C from Proposed Time MH02 to Proposed Time MH03 – 245 m

3.1 Photo

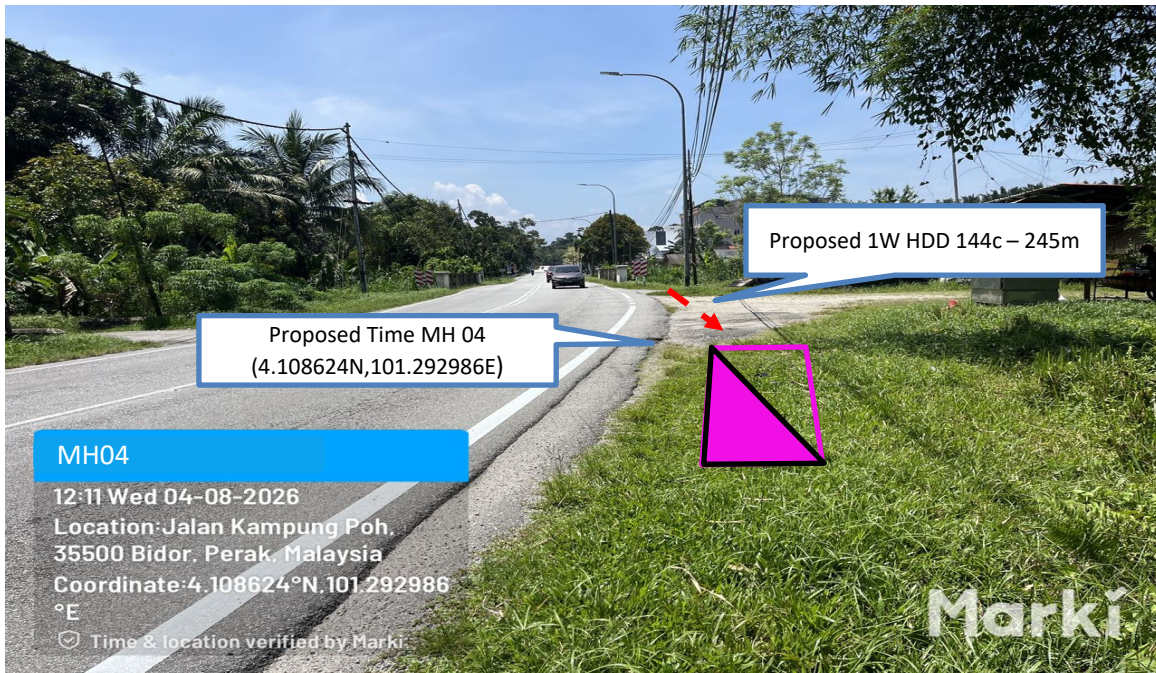


Prop 1W HDD 144C from Proposed Time MH02 to Proposed Time MH03 – 232 m

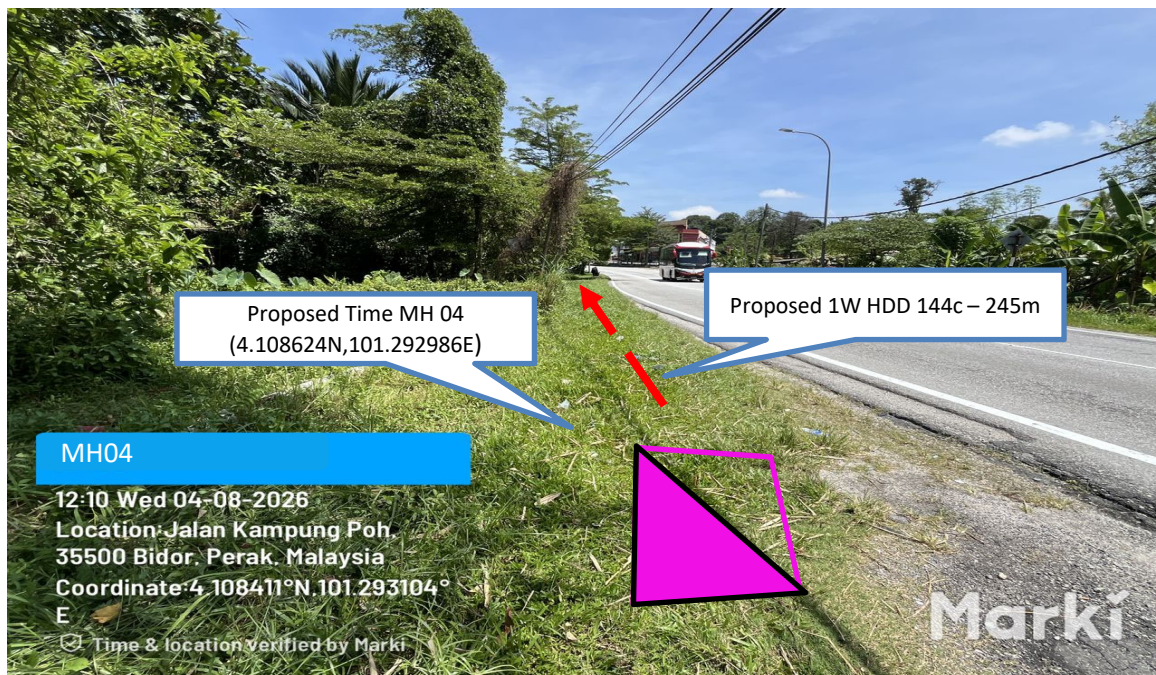


Prop 1W HDD 144C from Proposed Time MH03 to Proposed Time MH04 – 245 m

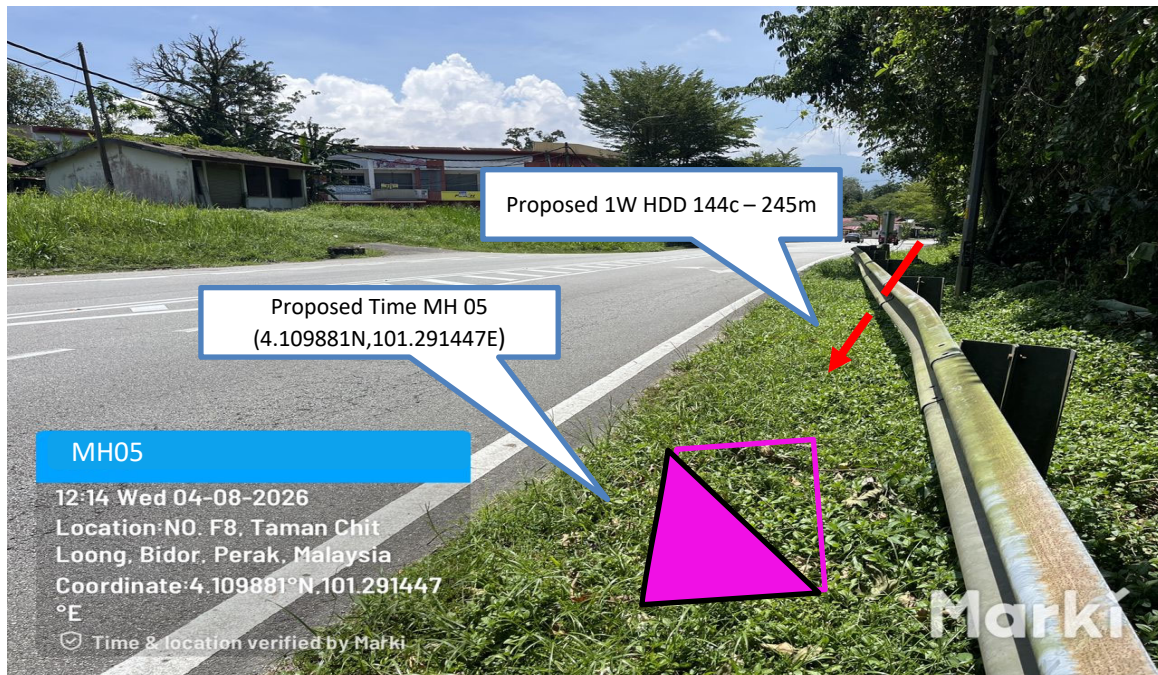
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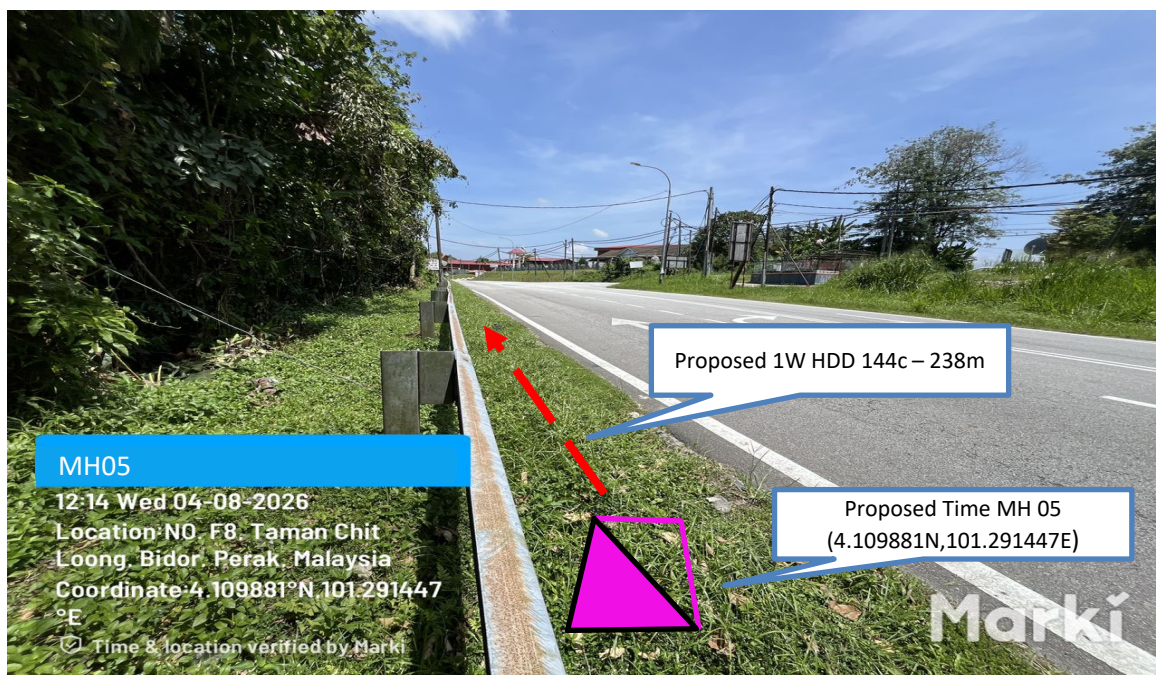
Prop 1W HDD 144C from Proposed Time MH03 to Proposed Time MH04 – 245 m



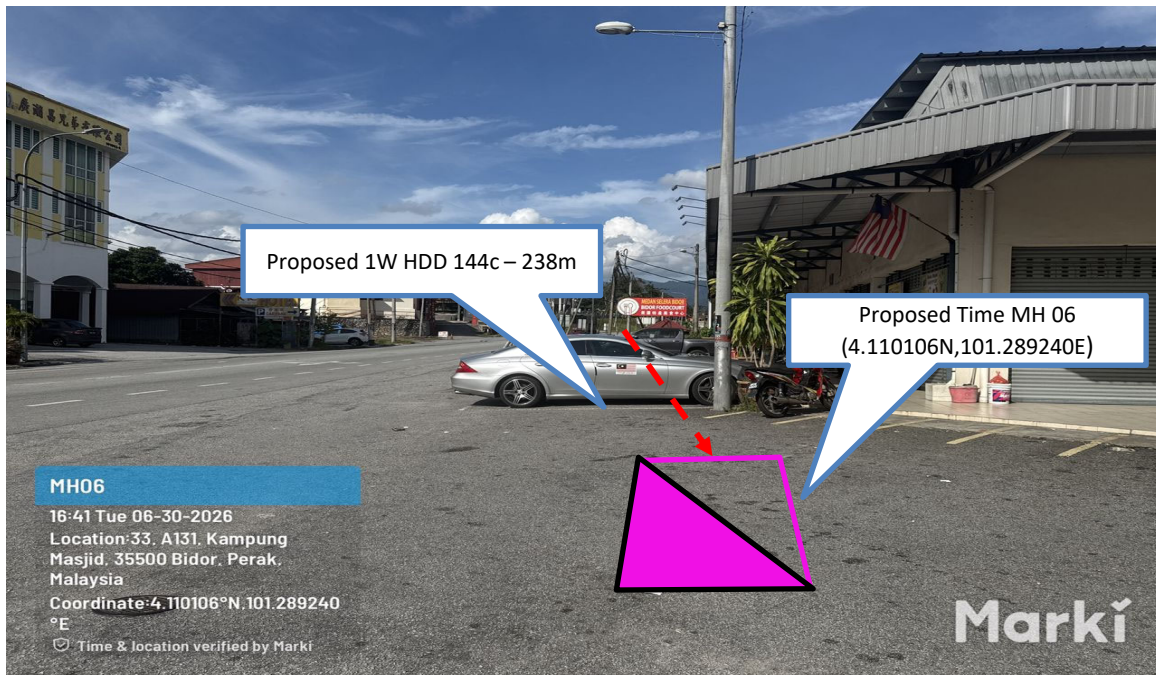
Prop 1W HDD 144C from Proposed Time MH04 to Proposed Time MH05 – 245 m



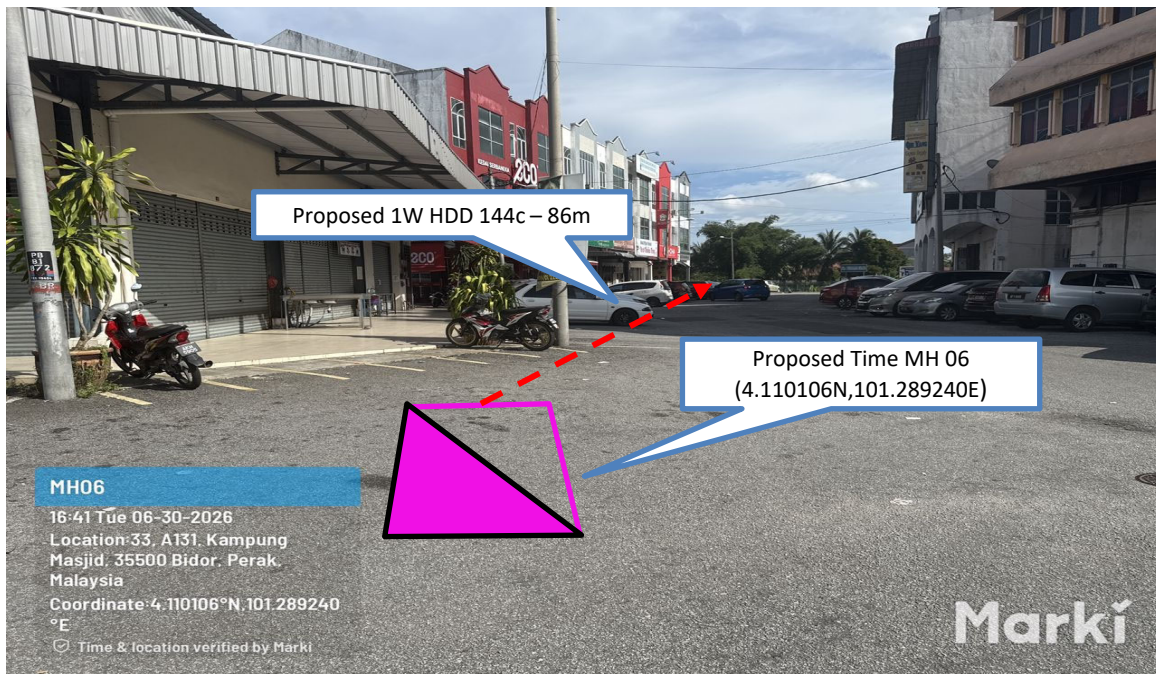
Prop 1W HDD 144C from Proposed Time MH04 to Proposed Time MH05 – 245 m



Prop 1W HDD 144C from Proposed Time MH05 to Proposed Time MH06 – 238 m

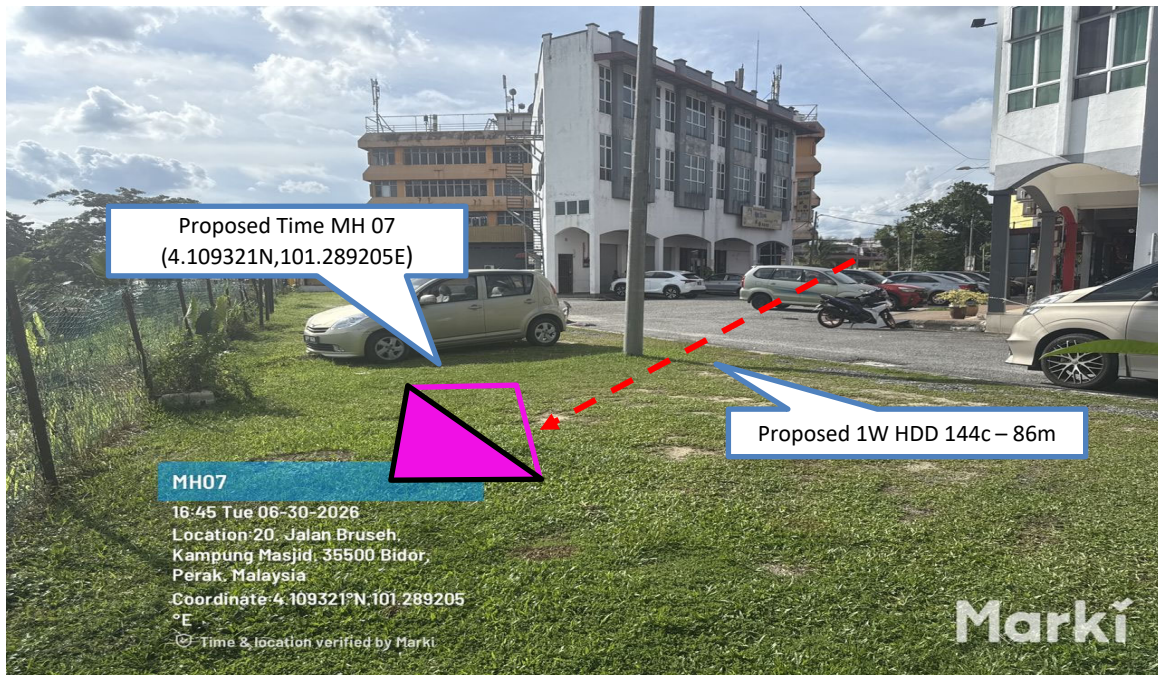


Prop 1W HDD 144C from Proposed Time MH05 to Proposed Time MH06 – 238 m



Prop 1W HDD 144C from Proposed Time MH06 to Proposed Time MH07 – 86 m

3.1 Photo



Prop 1W HDD 144C from Proposed Time MH06 to Proposed Time MH07 – 86 m

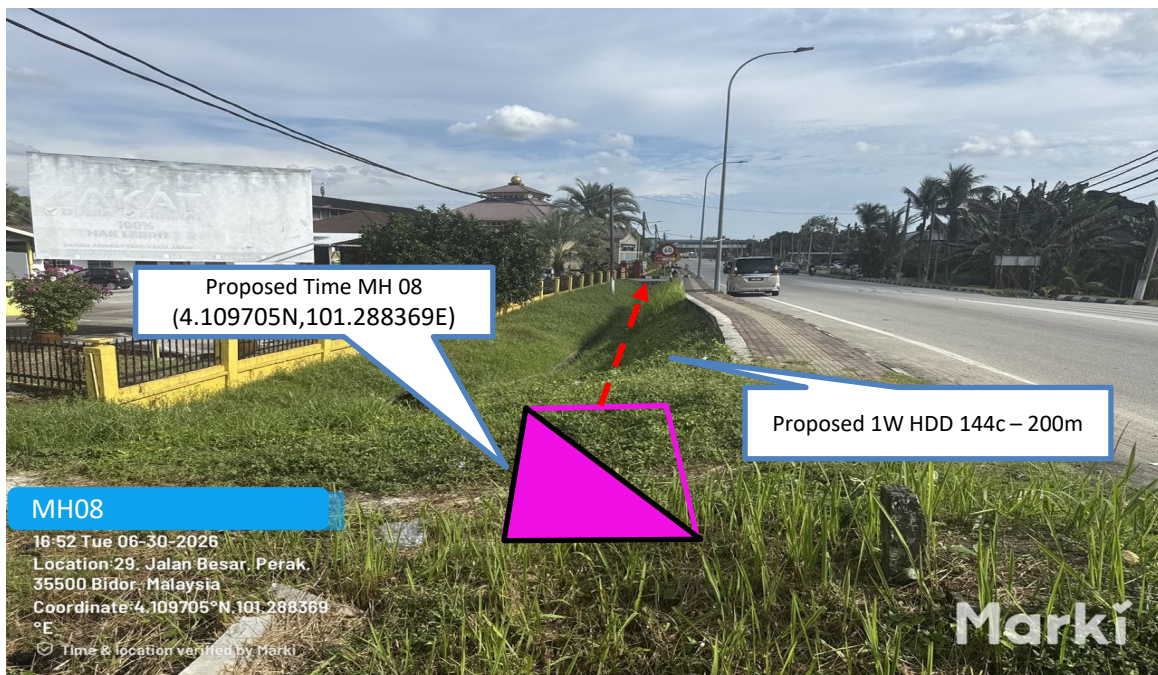


Prop 1W HDD 144C from Proposed Time MH07 n to Proposed Time MH08 – 100m

3.1 Photo



Prop 1W HDD 144C from Proposed Time MH07 to Proposed Time MH08 – 100 m



Prop 1W HDD 144C from Proposed Time MH08 to Proposed Time MH09 – 200 m

3.1 Photo



Prop 1W HDD 144C from Proposed Time MH08 n to Proposed Time MH09 – 200 m

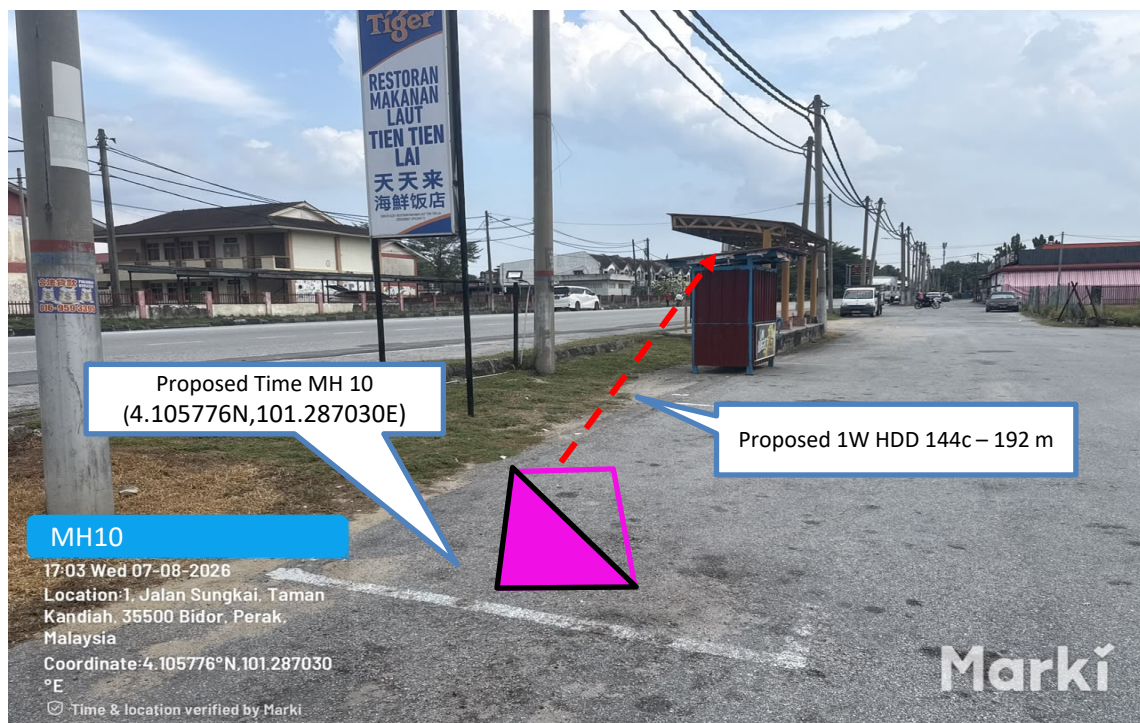


Prop 1W HDD 144C from Proposed Time MH09 n to Proposed Time MH10 – 215 m

3.1 Photo



Prop 1W HDD 144C from Proposed Time MH09 to Proposed Time MH10 – 215 m



Prop 1W HDD 144C from Proposed Time MH10 to Proposed Time MH11 – 192 m

3.1 Photo

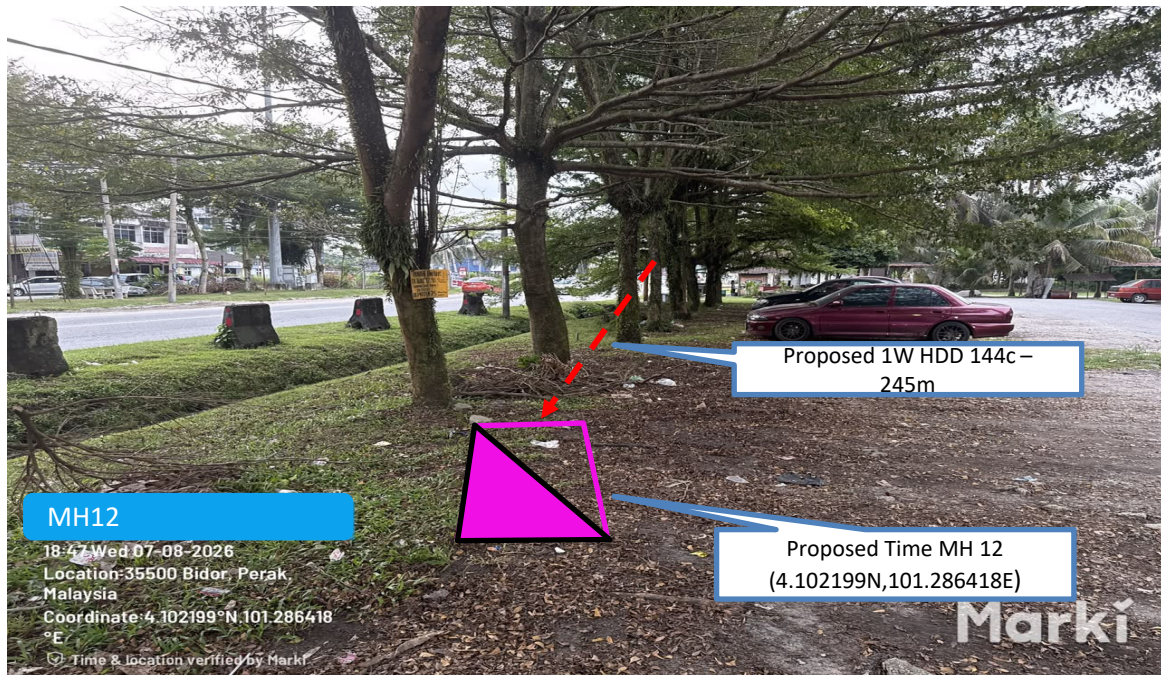


Prop 1W HDD 144C from Proposed Time MH10 to Proposed Time MH11 – 192 m

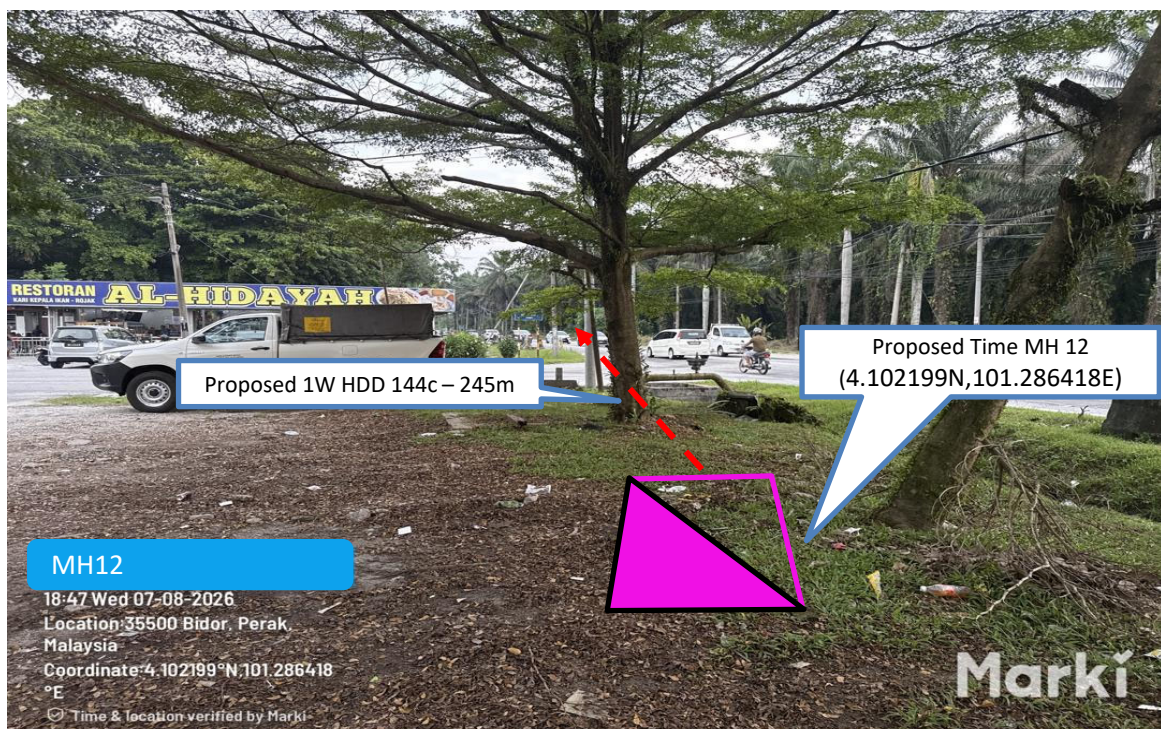


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3.1 Photo



Prop 1W HDD 144C from Proposed Time MH11 to Proposed Time MH12 – 245 m

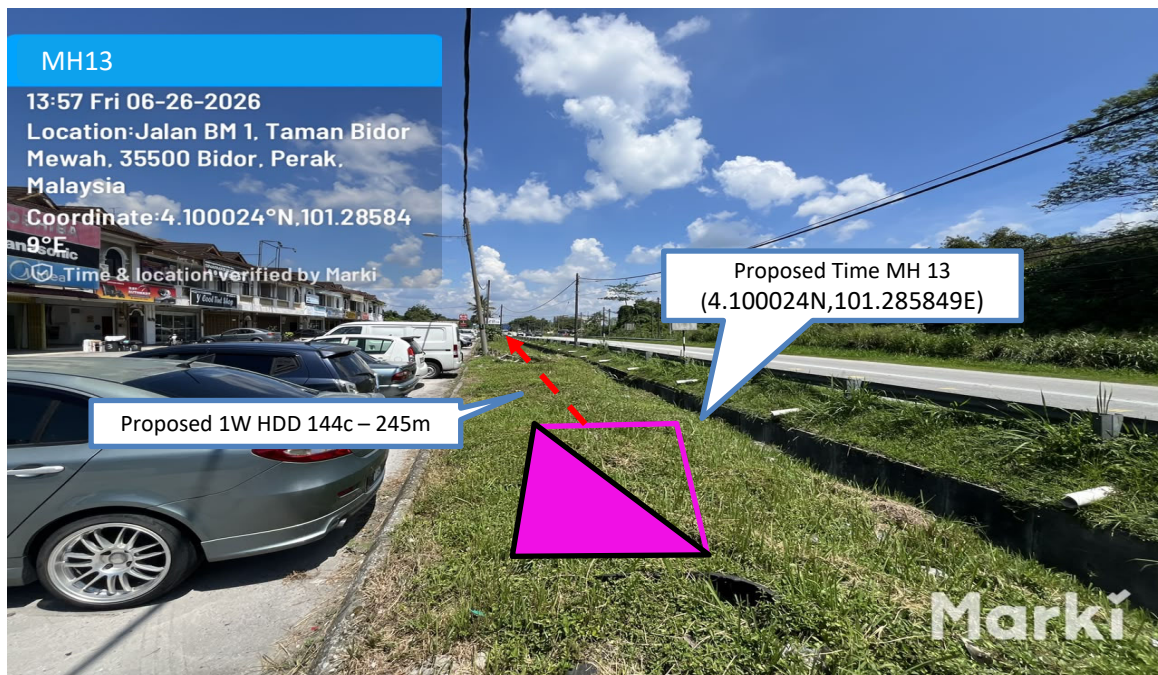


Prop 1W HDD 144C from Proposed Time MH12 to Proposed Time MH13 – 245 m

3.1 Photo



Prop 1W HDD 144C from Proposed Time MH12 to Proposed Time MH13 – 245 m



Prop 1W HDD 144C from Proposed Time MH13 to Proposed Time MH14 – 245 m

3.1 Photo



Prop 1W HDD 144C from Proposed Time MH13 to Proposed Time MH14 – 245 m



Prop 1W HDD 144C from Proposed Time MH14 to Proposed Time MH15 – 245 m

3.1 Photo

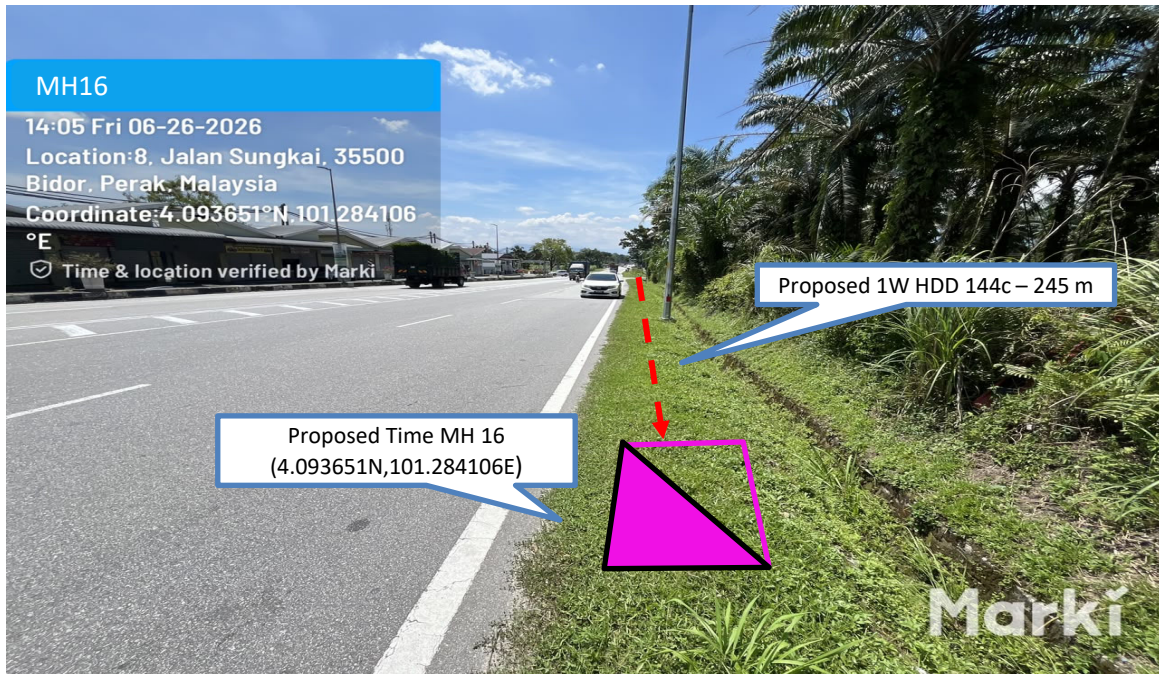


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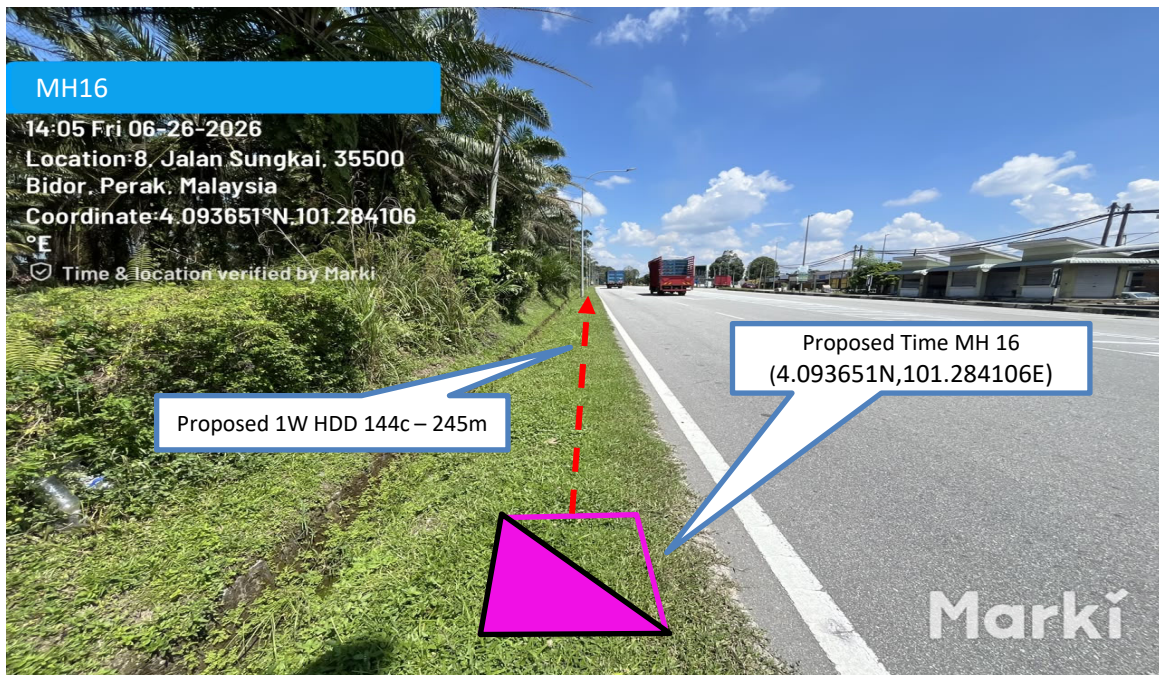


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3.1 Photo

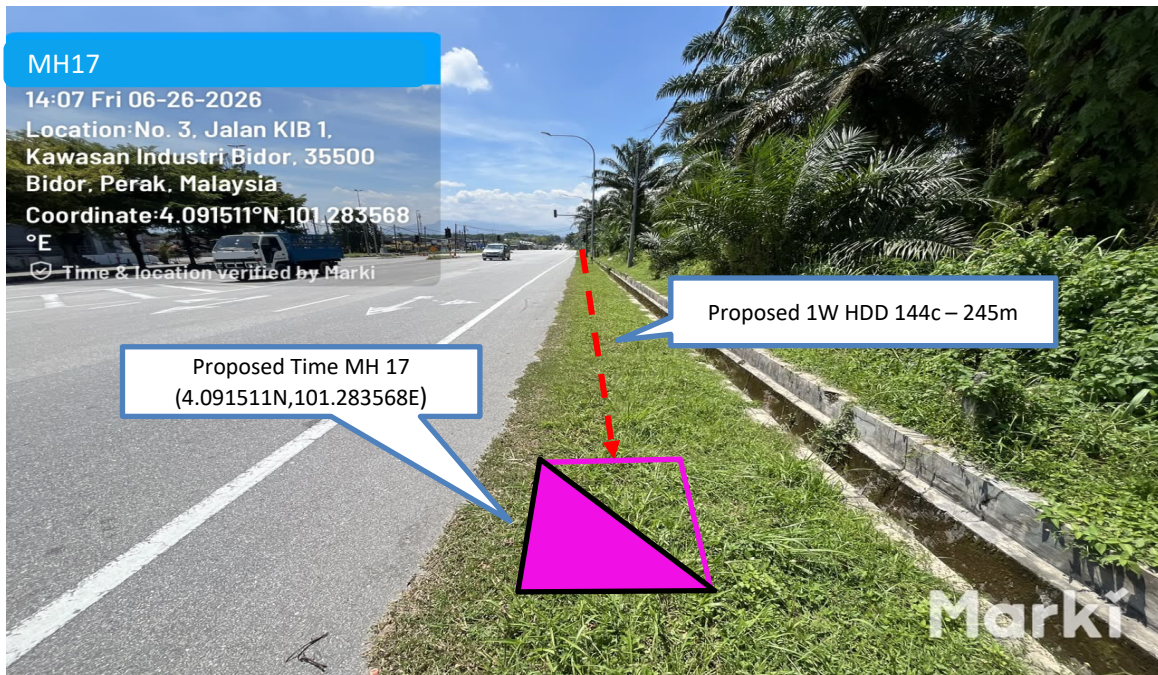


Prop 1W HDD 144C from Proposed Time MH15 to Proposed Time MH16 – 245 m



Prop 1W HDD 144C from Proposed Time MH16 to Proposed Time MH17 – 245 m

3.1 Photo



Prop 1W HDD 144C from Proposed Time MH16 to Proposed Time MH17 – 245 m



Prop 1W HDD 144C from Proposed Time MH17 to Proposed Time MH18 – 245 m

3.1 Photo

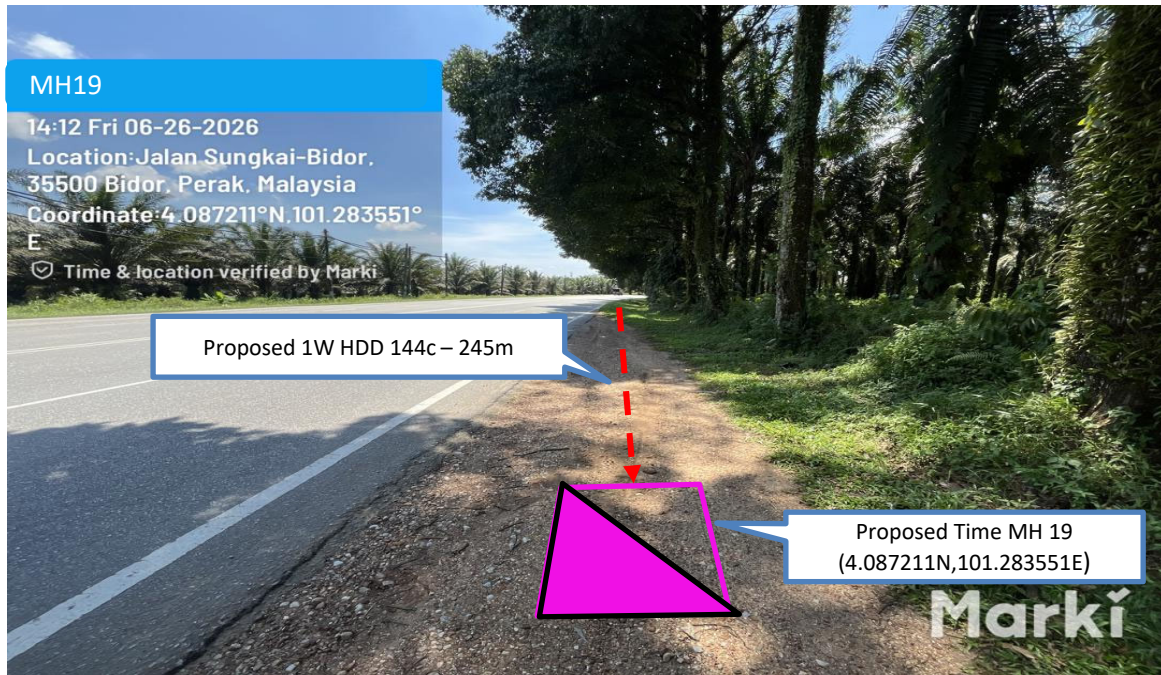


Prop 1W HDD 144C from Proposed Time MH17 to Proposed Time MH18 – 245 m

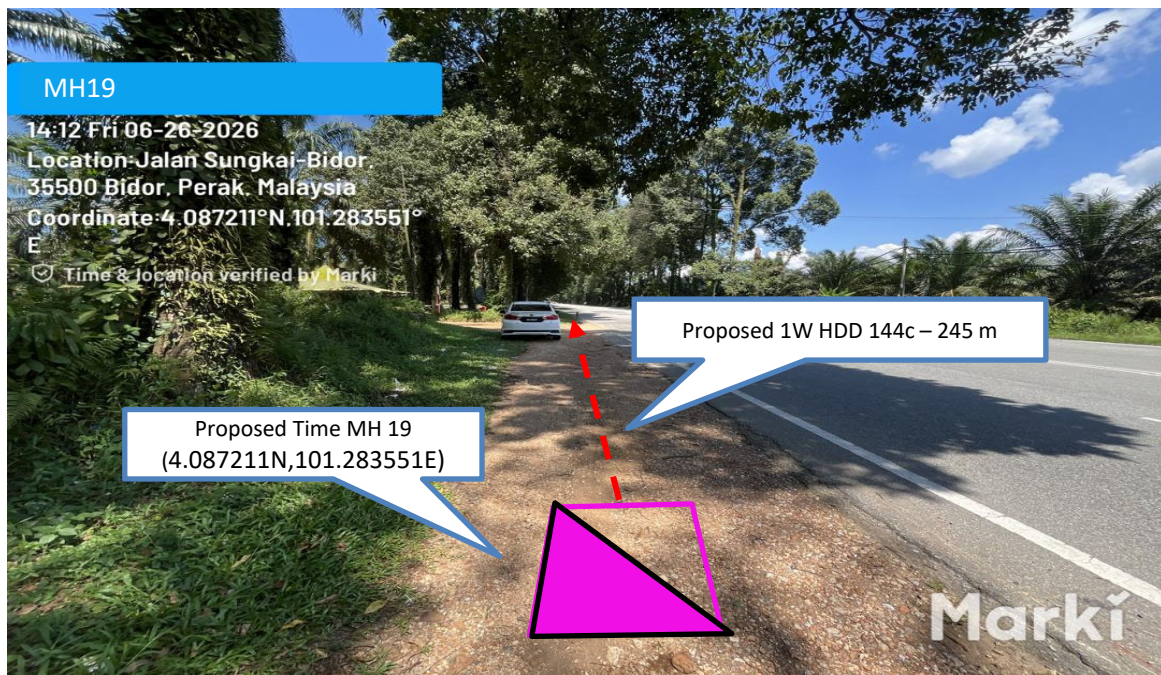


Prop 1W HDD 144C from Proposed Time MH18 to Proposed Time MH19 – 245 m

3.1 Photo



Prop 1W HDD 144C from Proposed Time MH18 to Proposed Time MH19 – 245 m

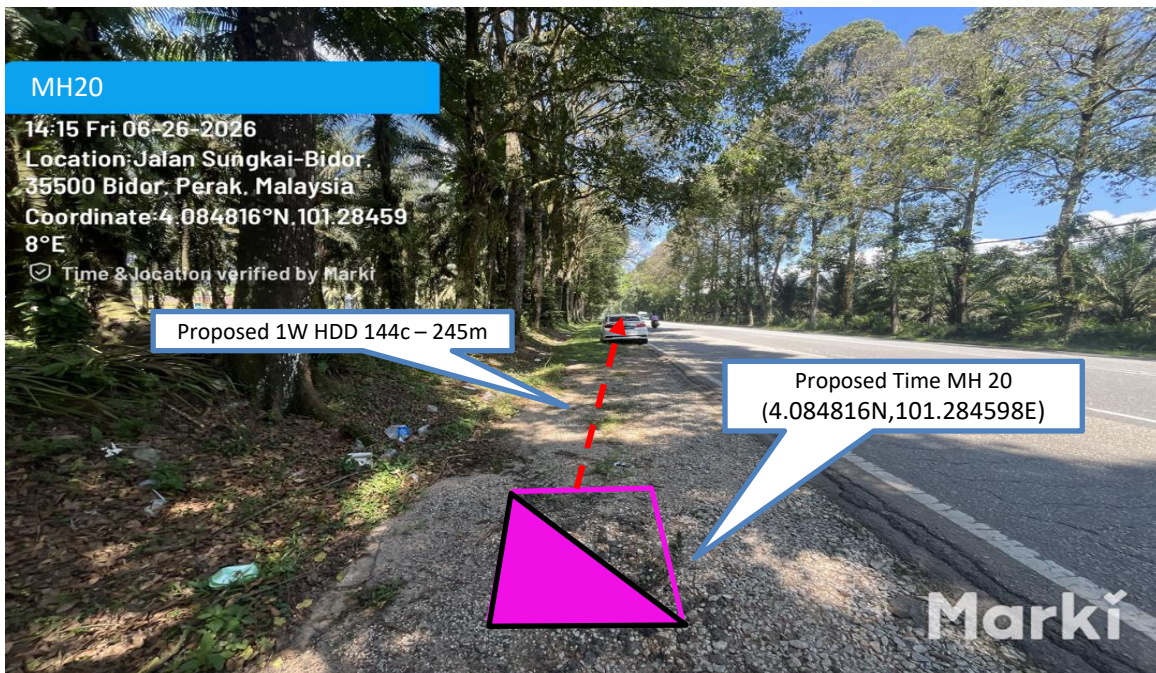


Prop 1W HDD 144C from Proposed Time MH19 to Proposed Time MH20 – 245 m

3.1 Photo



Prop 1W HDD 144C from Proposed Time MH19 to Proposed Time MH20 – 245 m



Prop 1W HDD 144C from Proposed Time MH20 to Proposed Time MH21 – 245m

3.1 Photo



Prop 1W HDD 144C from Proposed Time MH20 to Proposed Time MH21 – 245m

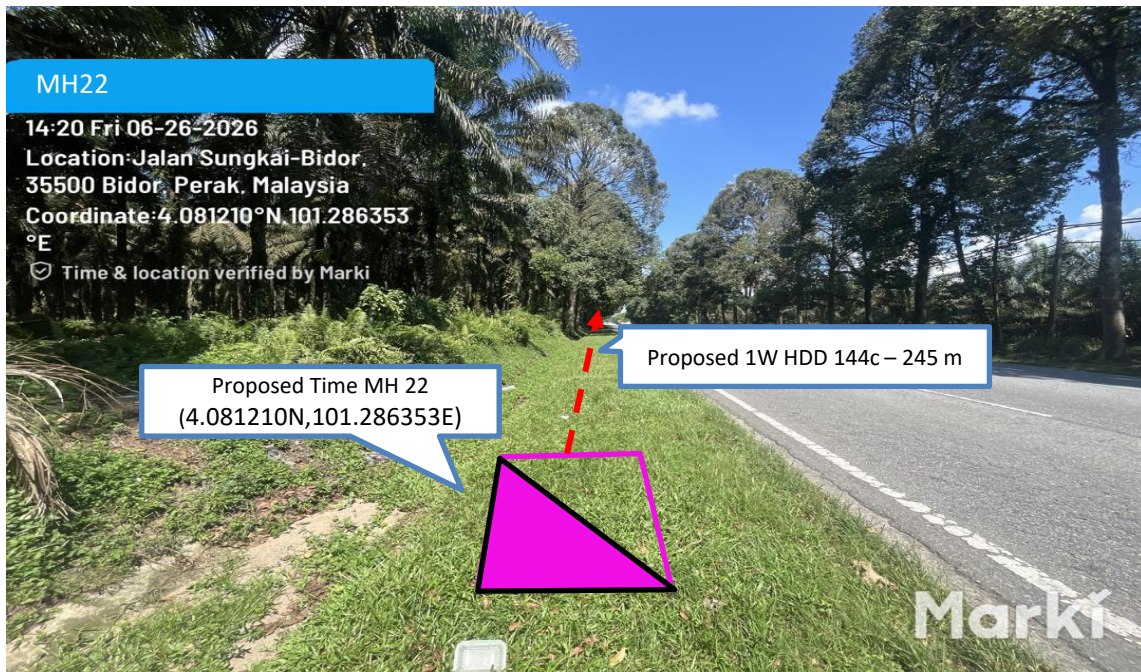


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3.1 Photo

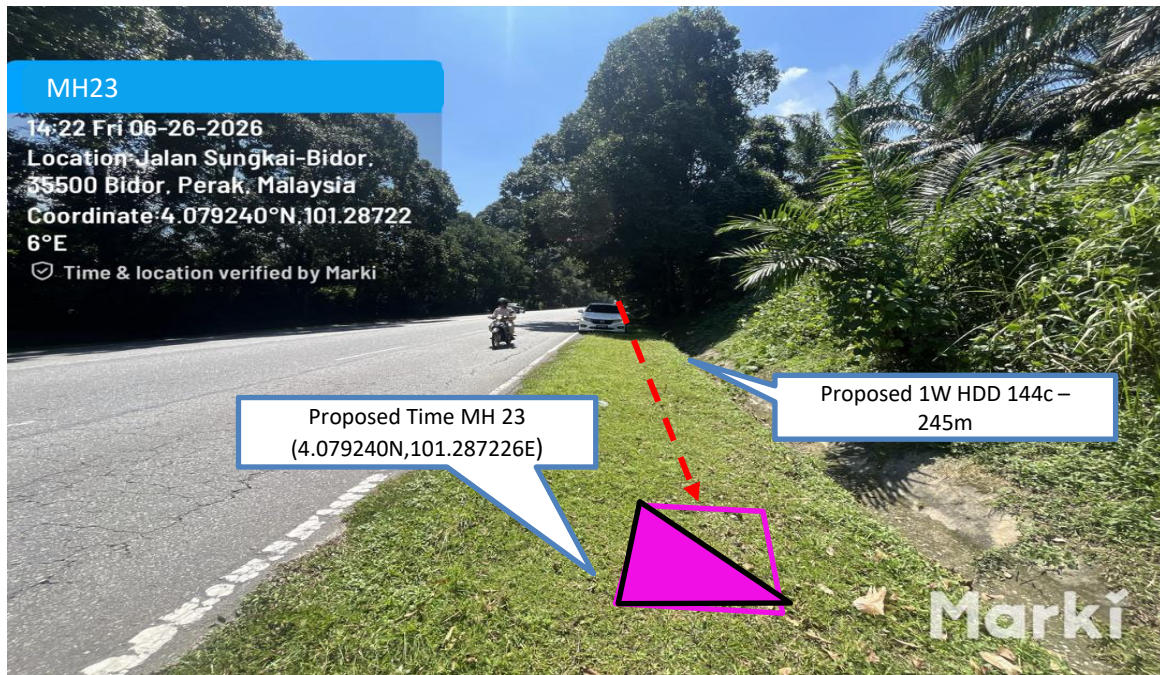


Prop 1W HDD 144C from Proposed Time MH21 to Proposed Time MH22 – 245 m

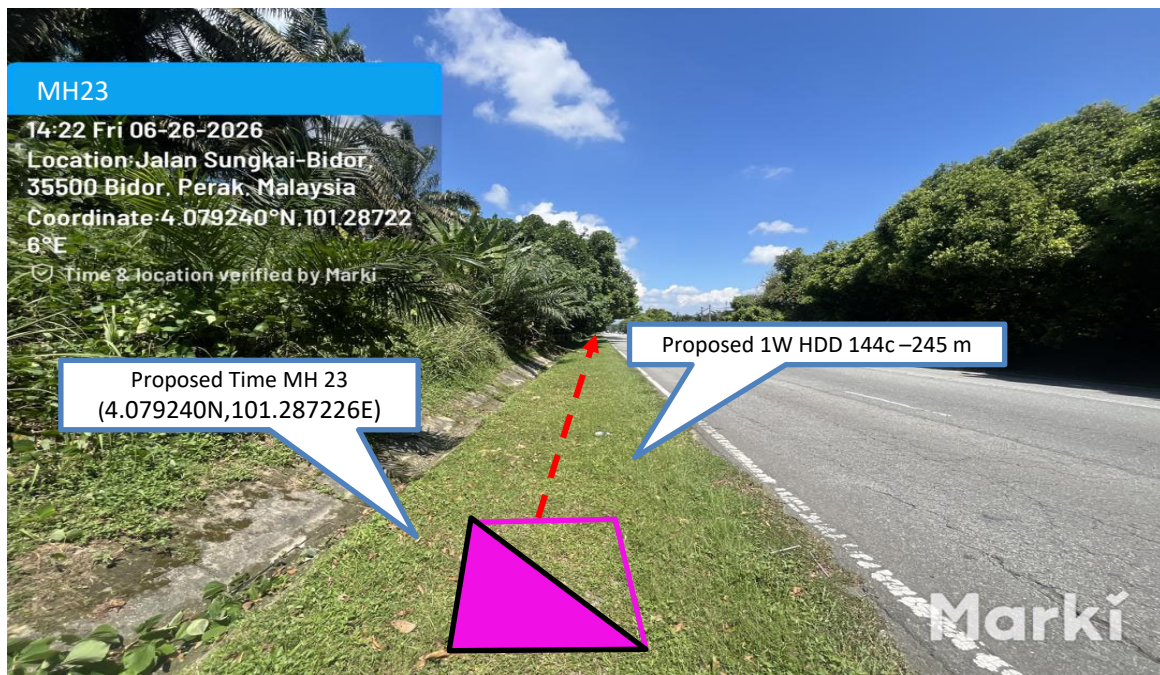


Prop 1W HDD 144C from Proposed Time MH22 to Proposed Time MH23 – 245 m

3.1 Photo

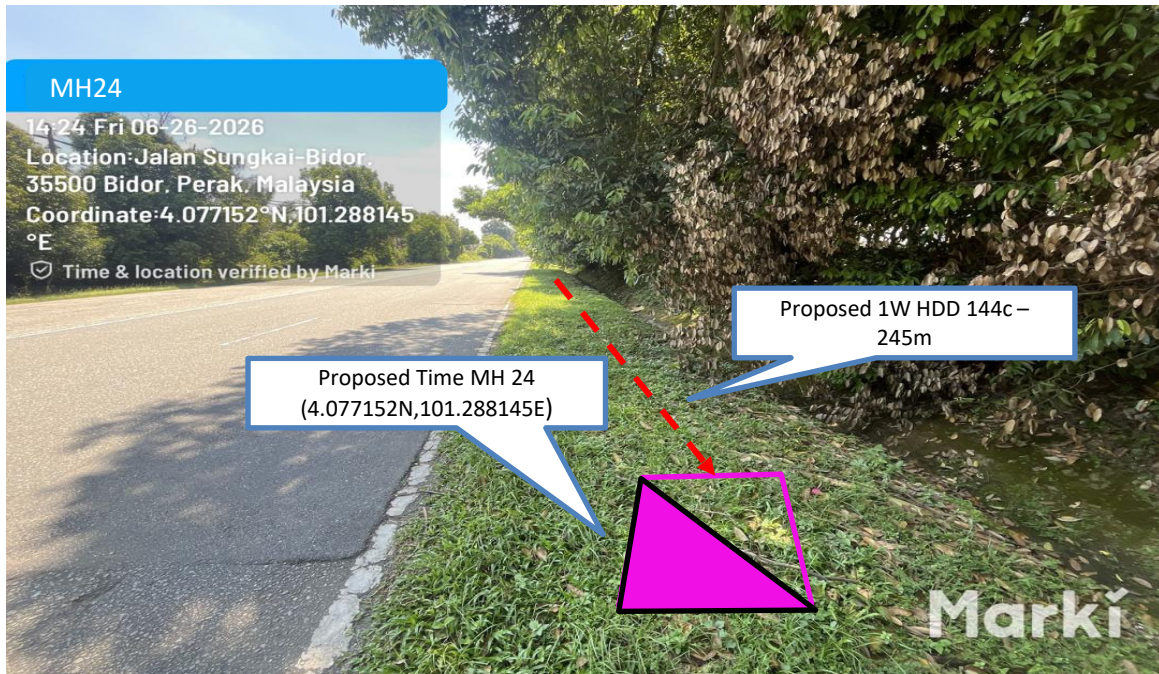


Prop 1W HDD 144C from Proposed Time MH22 to Proposed Time MH23 – 245 m

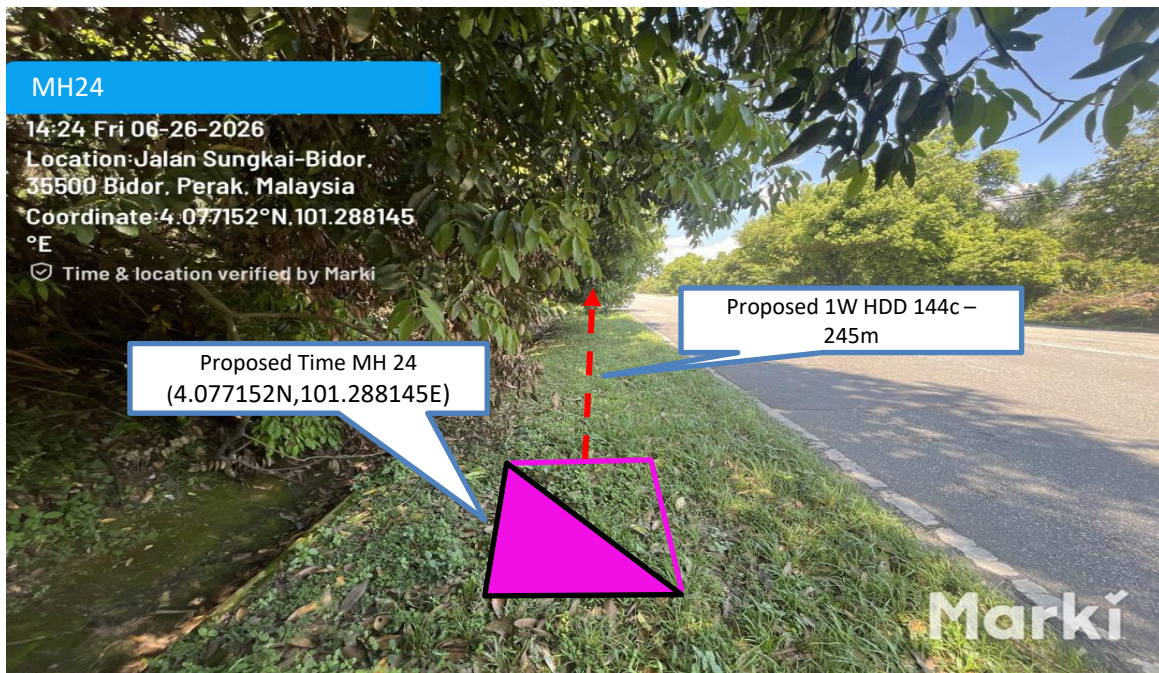


Prop 1W HDD 144C from Proposed Time MH22 to Proposed Time MH23 – 245 m

3.1 Photo



Prop 1W HDD 144C from Proposed Time MH23 to Proposed Time MH24 – 245 m

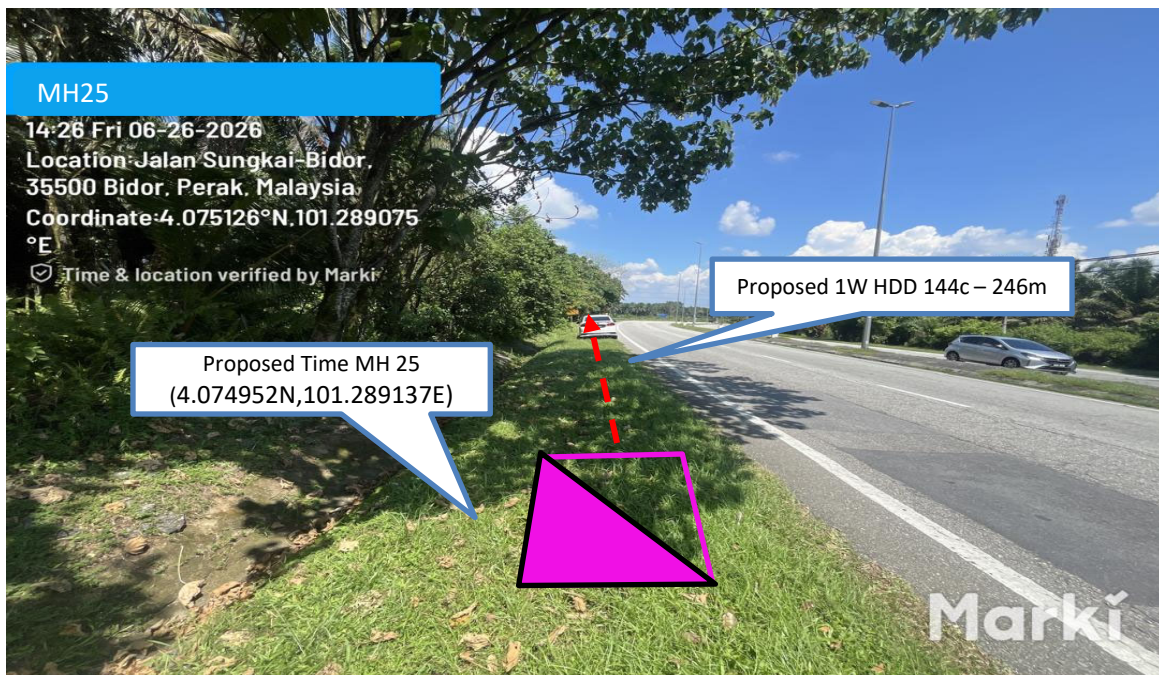


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3.1 Photo

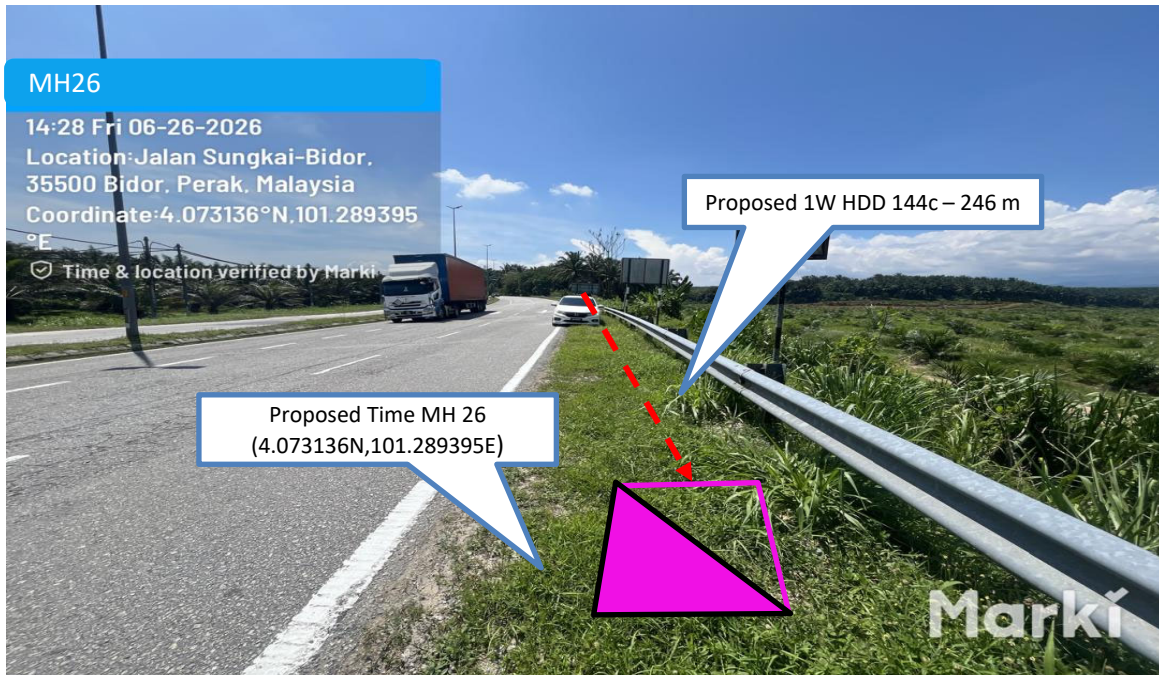


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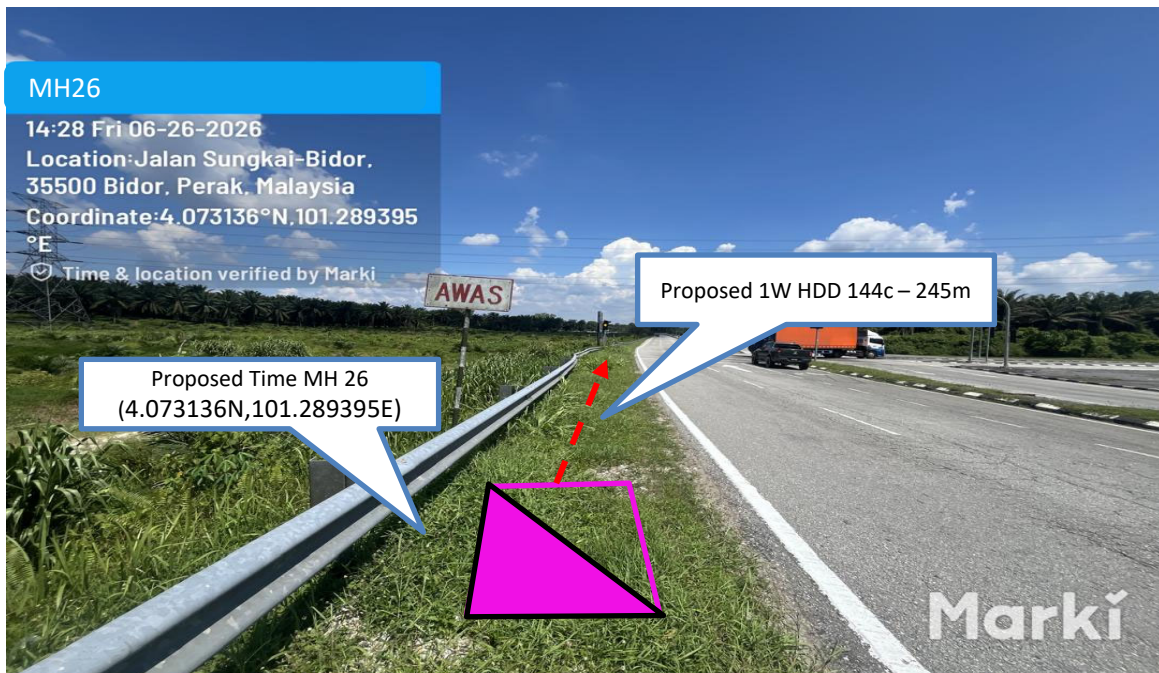


Prop 1W HDD 144C from Proposed Time MH25 to Proposed Time MH26 – 246m

3.1 Photo



Prop 1W HDD 144C from Proposed Time MH25 to Proposed Time MH26 – 246 m

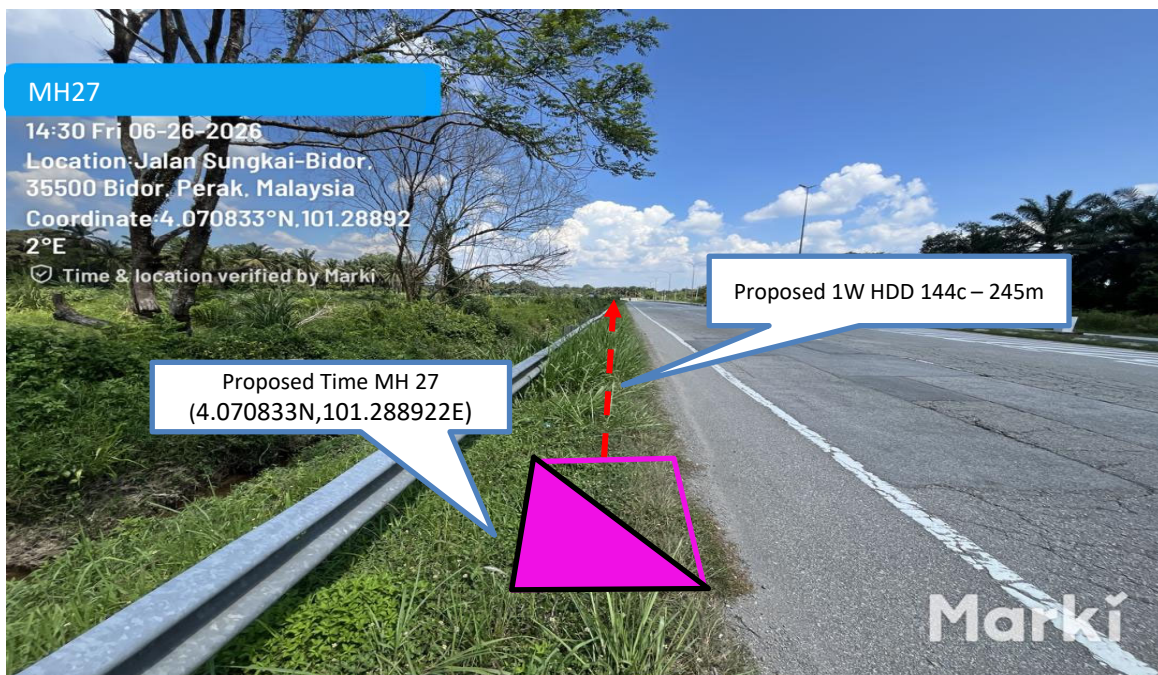


Prop 1W HDD 144C from Proposed Time MH26 to Proposed Time MH27 – 245 m

3.1 Photo

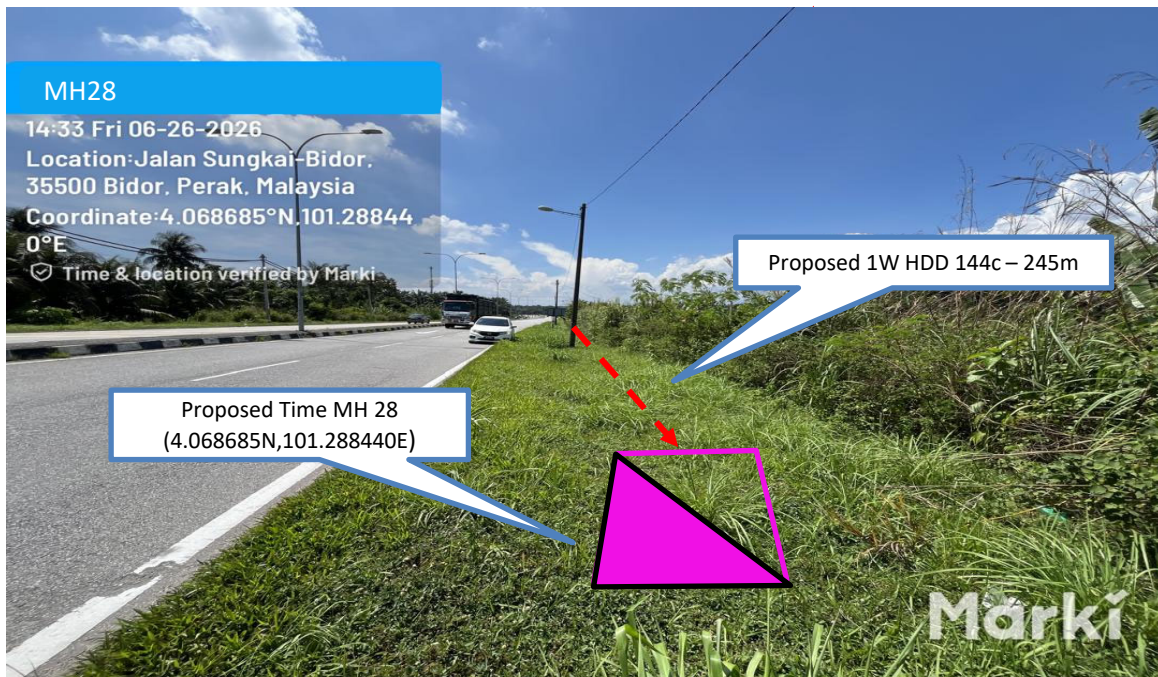


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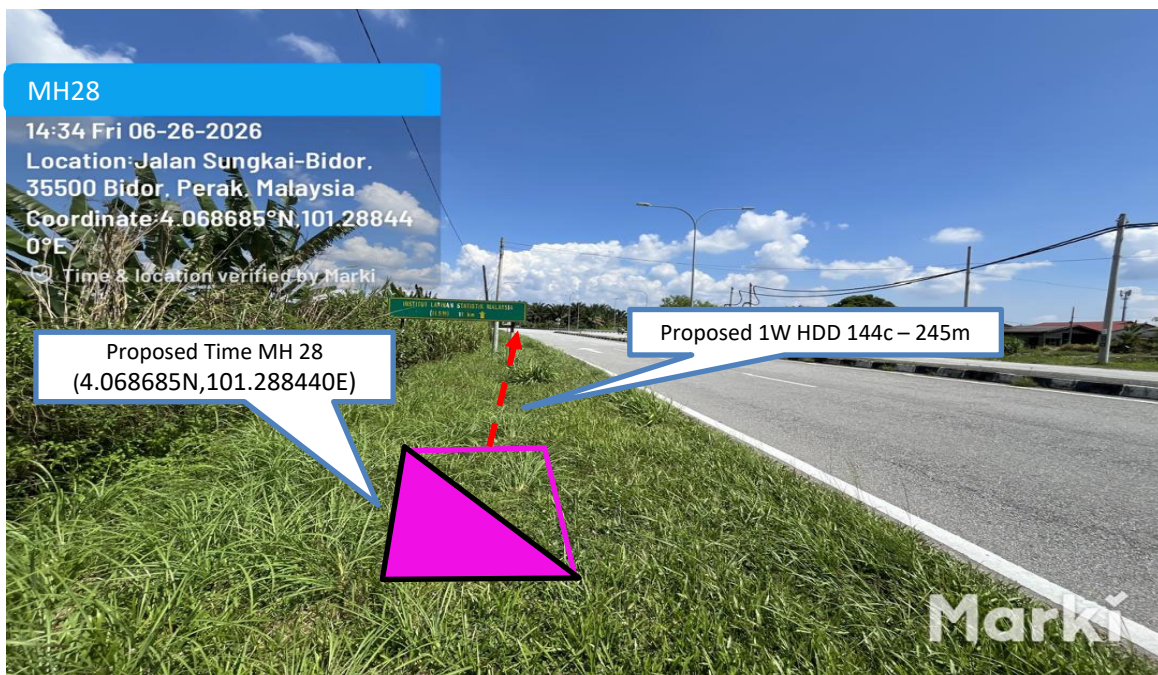


Prop 1W HDD 144C from Proposed Time MH27 to Proposed Time MH28 – 245 m

3.1 Photo



Prop 1W HDD 144C from Proposed Time MH27 to Proposed Time MH28 – 245 m

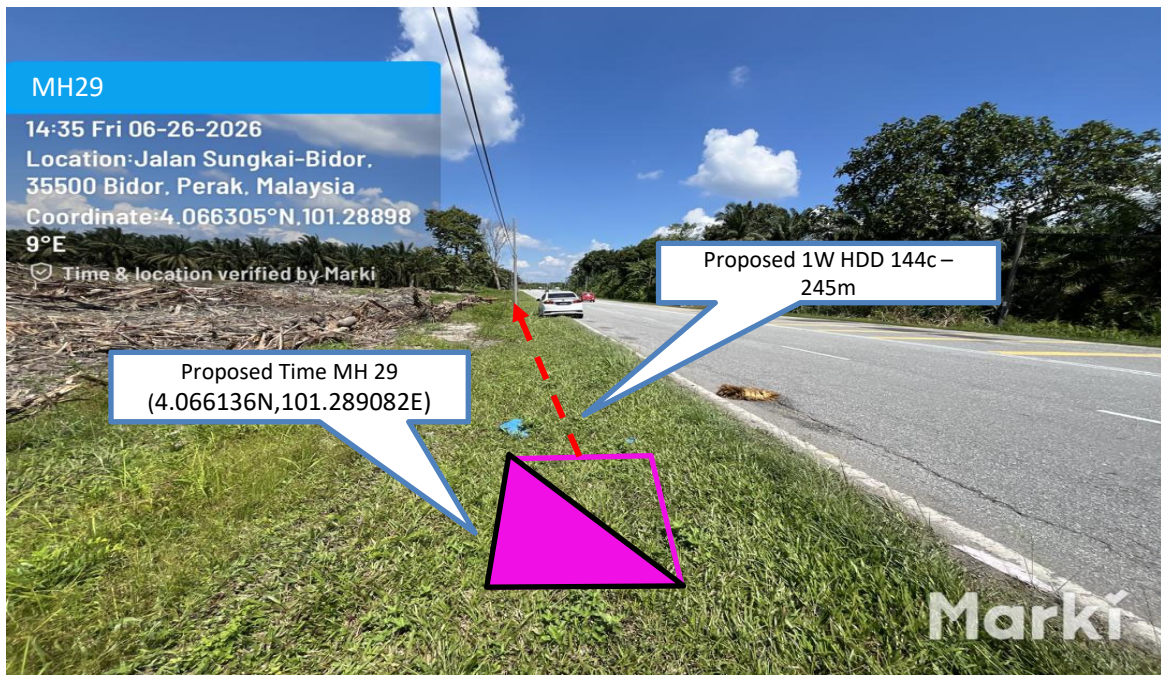


Prop 1W HDD 144C from Proposed Time MH28 to Proposed Time MH29 – 245m

3.1 Photo

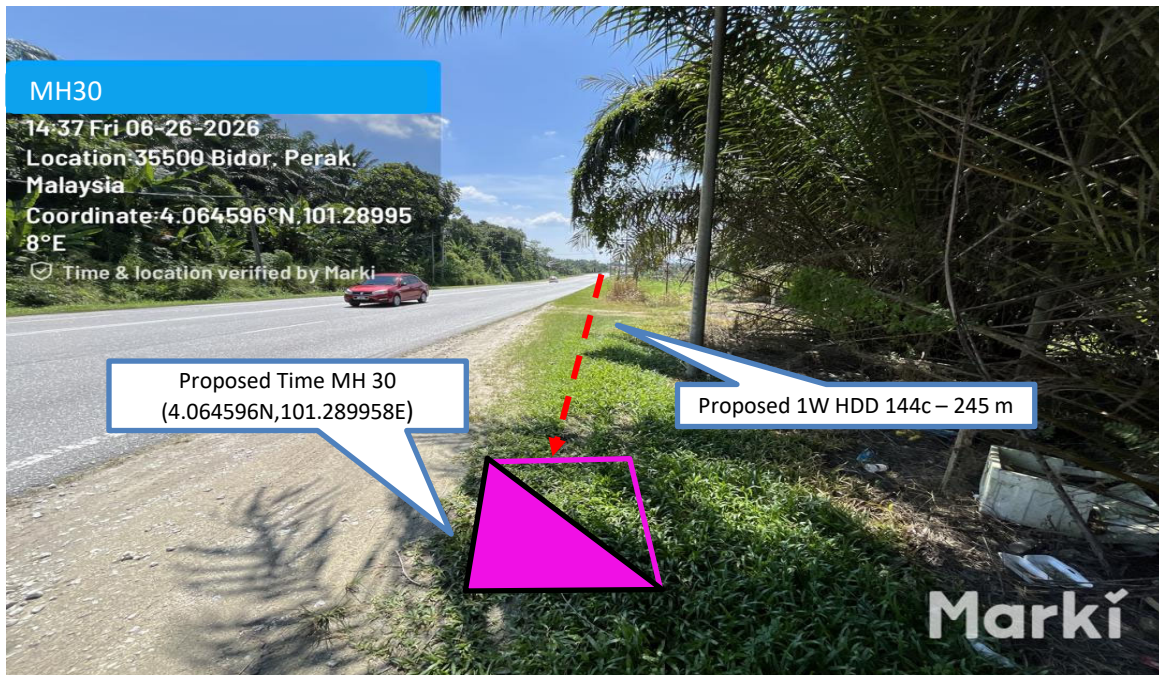


Prop 1W HDD 144C from Proposed Time MH28 to Proposed Time MH29 – 245 m



Prop 1W HDD 144C from Proposed Time MH29 to Proposed Time MH30 – 245 m

3.1 Photo



Prop 1W HDD 144C from Proposed Time MH29 to Proposed Time MH30 – 245 m



Prop 1W HDD 144C from Proposed Time MH30 to Proposed Time MH31– 245 m

3.1 Photo



Prop 1W HDD 144C from Proposed Time MH30 to Proposed Time MH31– 245 m



Prop 1W HDD 144C from Proposed Time MH31 to Proposed Time MH32– 245 m

3.1 Photo



Prop 1W HDD 144C from Proposed Time MH31 to Proposed Time MH32– 245 m



Prop 1W HDD 144C from Proposed Time MH32 to Proposed Time MH33– 230 m

3.1 Photo



Prop 1W HDD 144C from Proposed Time MH32 to Proposed Time MH33– 230 m

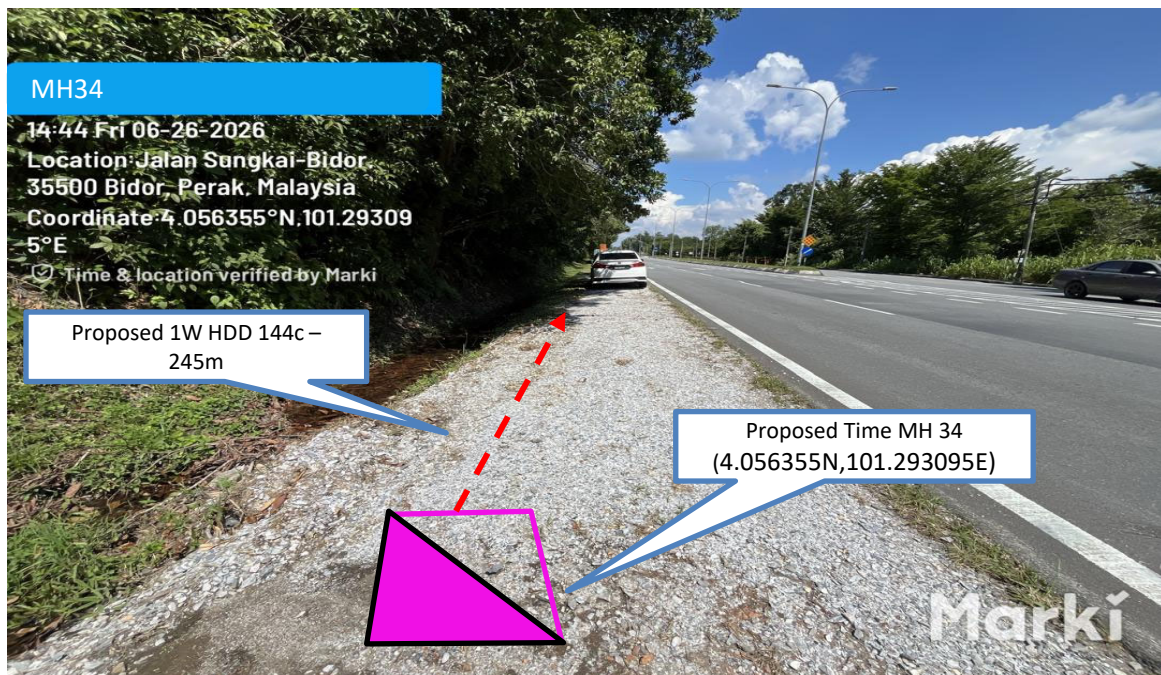


Prop 1W HDD 144C from Proposed Time MH33 to Proposed Time MH34– 245 m

3.1 Photo

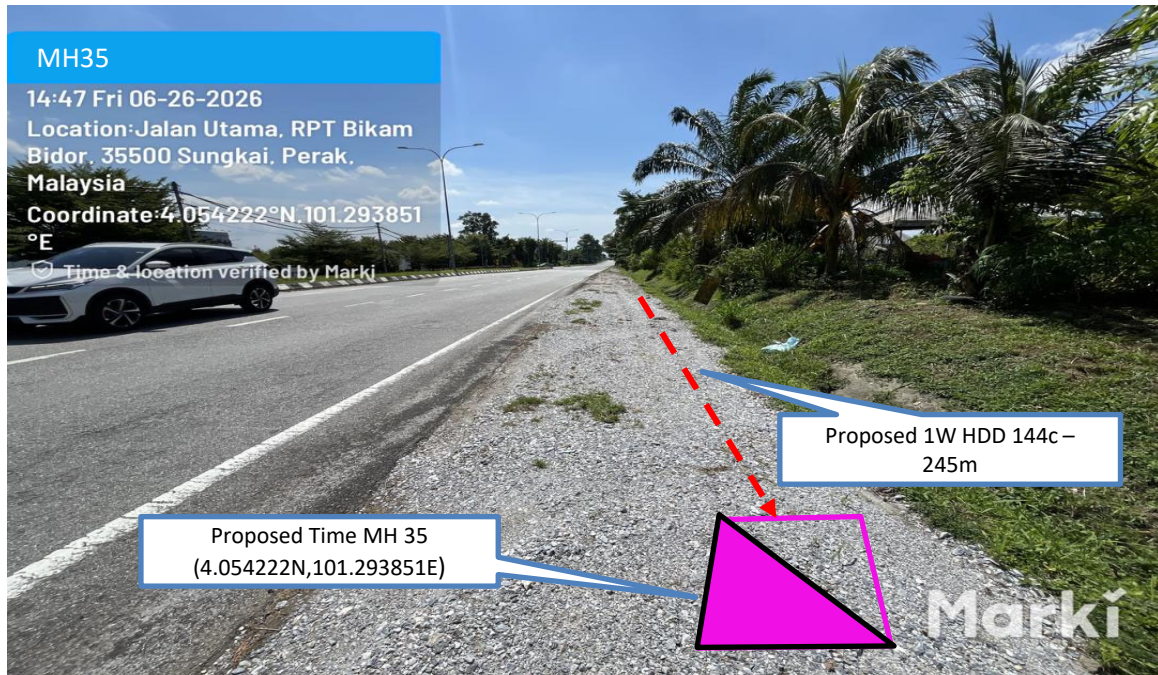


Prop 1W HDD 144C from Proposed Time MH33 to Proposed Time MH34– 245 m

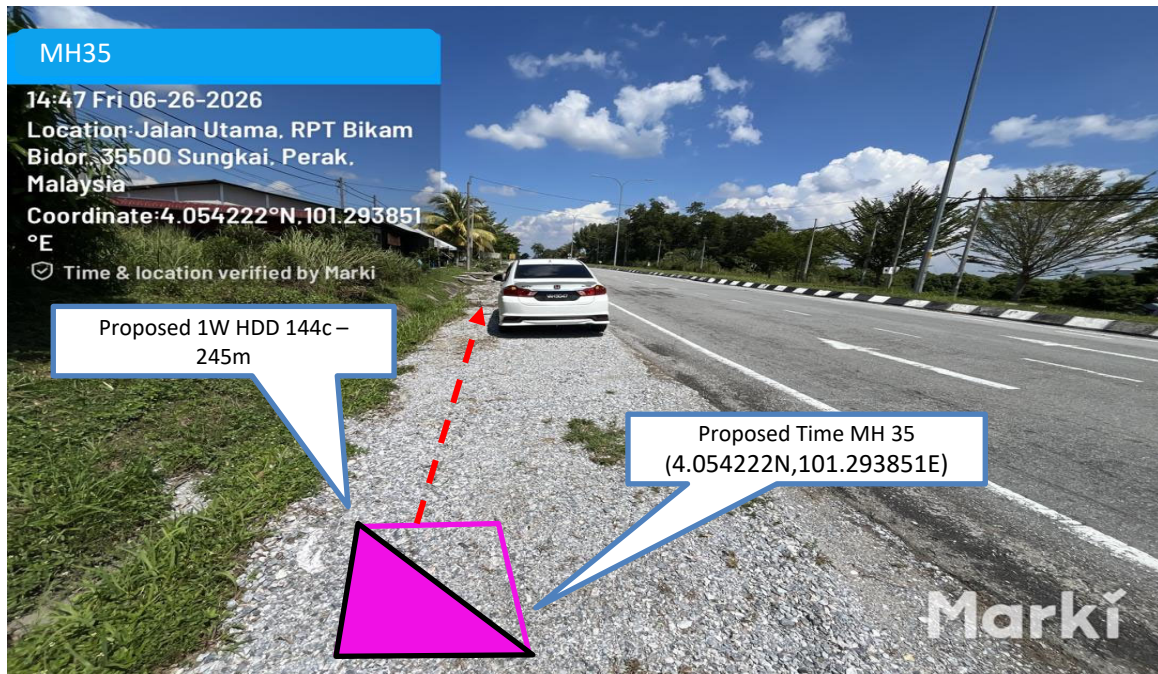


Prop 1W HDD 144C from Proposed Time MH34 to Proposed Time MH35– 245 m

3.1 Photo



Prop 1W HDD 144C from Proposed Time MH34 to Proposed Time MH35– 245 m

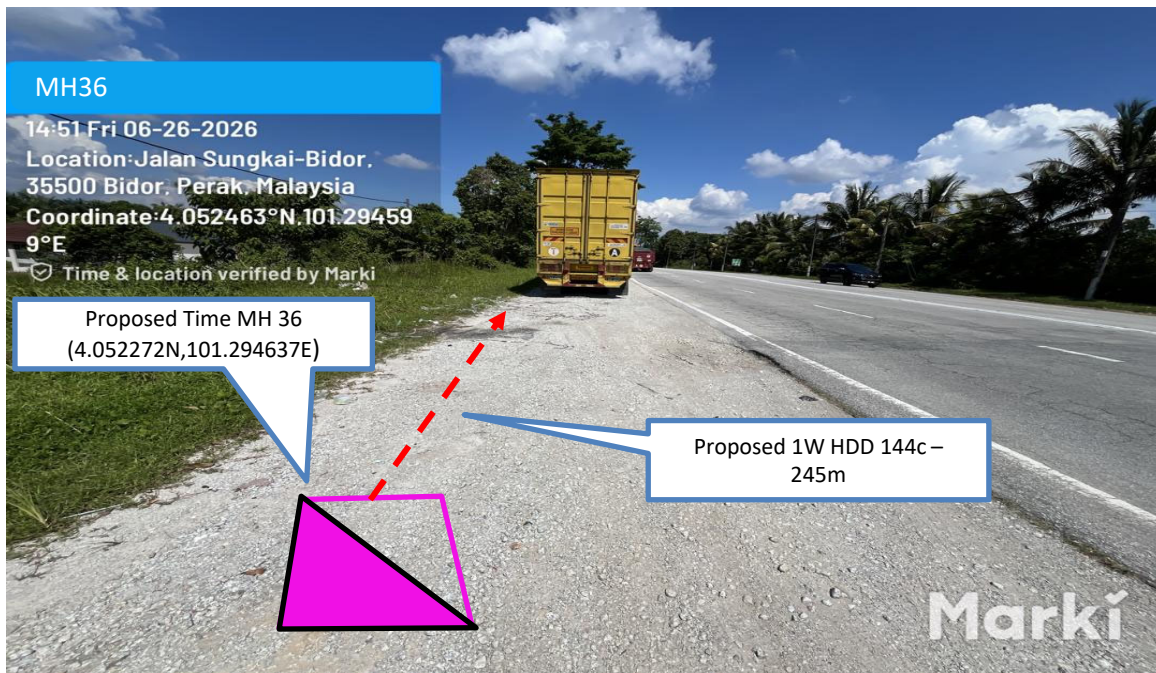


Prop 1W HDD 144C from Proposed Time MH35 to Proposed Time MH36– 245 m

3.1 Photo

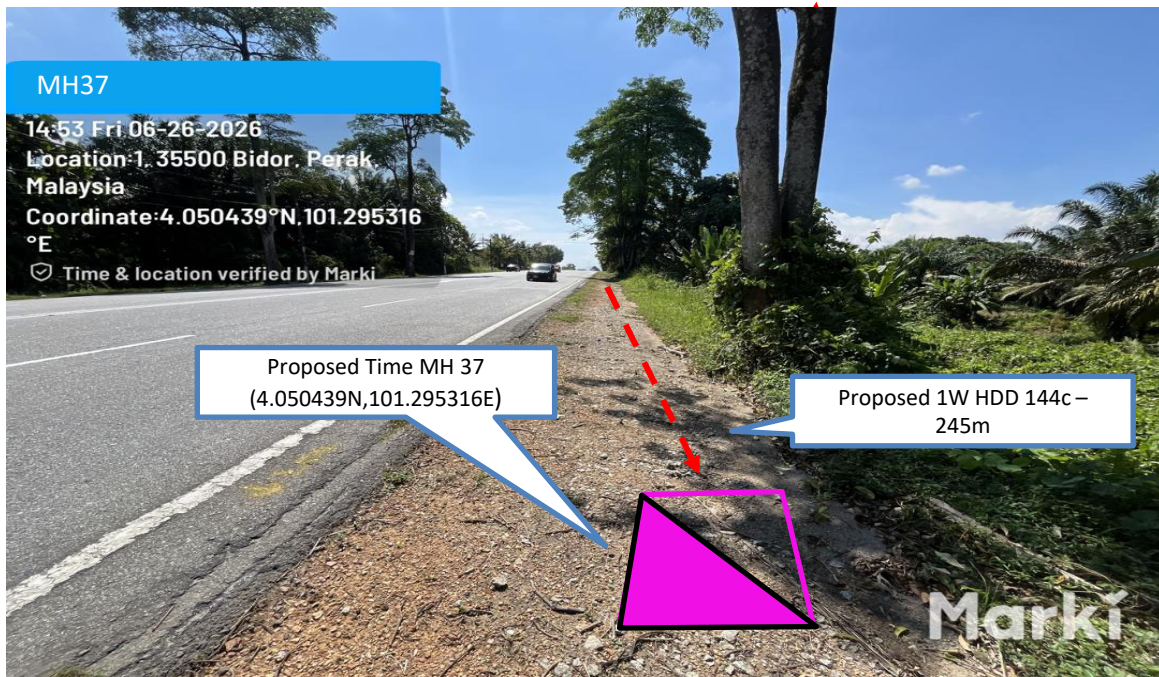


Prop 1W HDD 144C from Proposed Time MH35 to Proposed Time MH36– 245 m

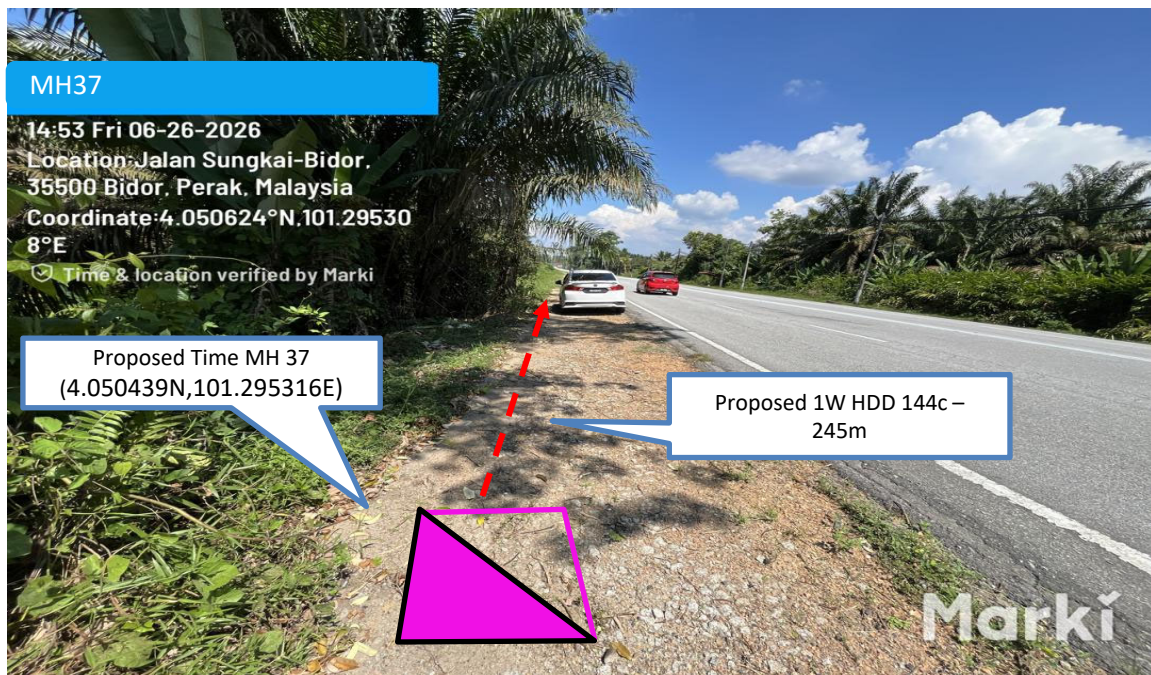


Prop 1W HDD 144C from Proposed Time MH36 to Proposed Time MH37– 245 m

3.1 Photo

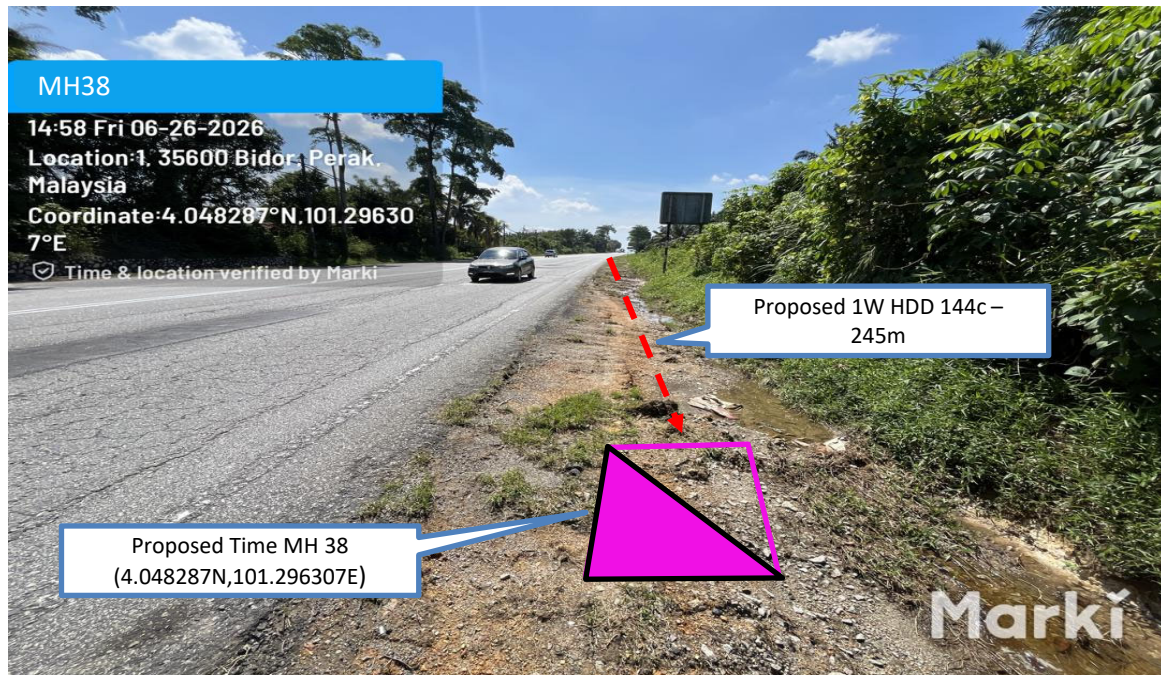


Prop 1W HDD 144C from Proposed Time MH36 to Proposed Time MH37– 245 m

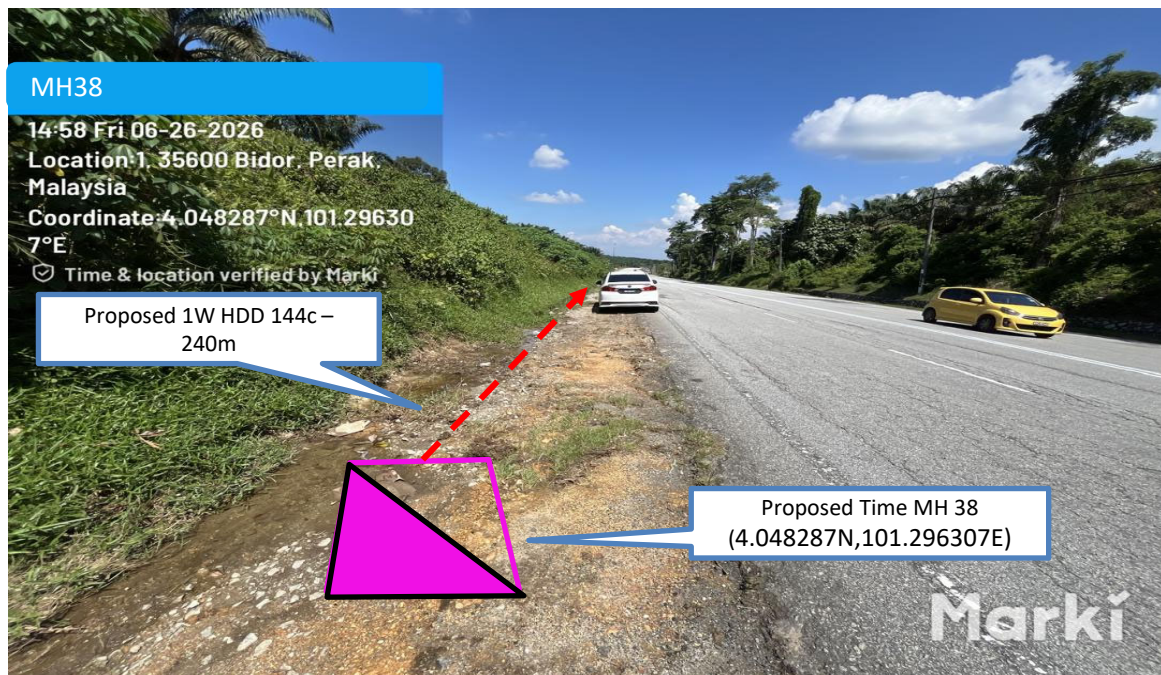


Prop 1W HDD 144C from Proposed Time MH37 to Proposed Time MH38– 245 m

3.1 Photo

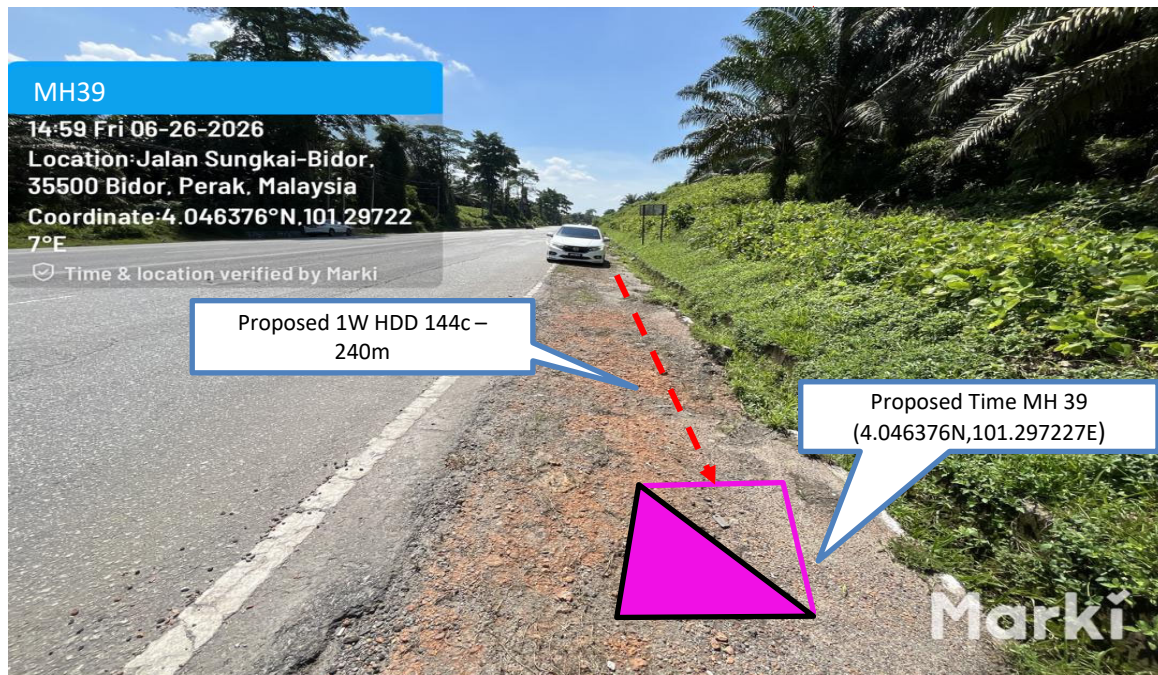


Prop 1W HDD 144C from Proposed Time MH37 to Proposed Time MH38 – 245 m



Prop 1W HDD 144C from Proposed Time MH38 to Proposed Time MH39 – 240 m

3.1 Photo

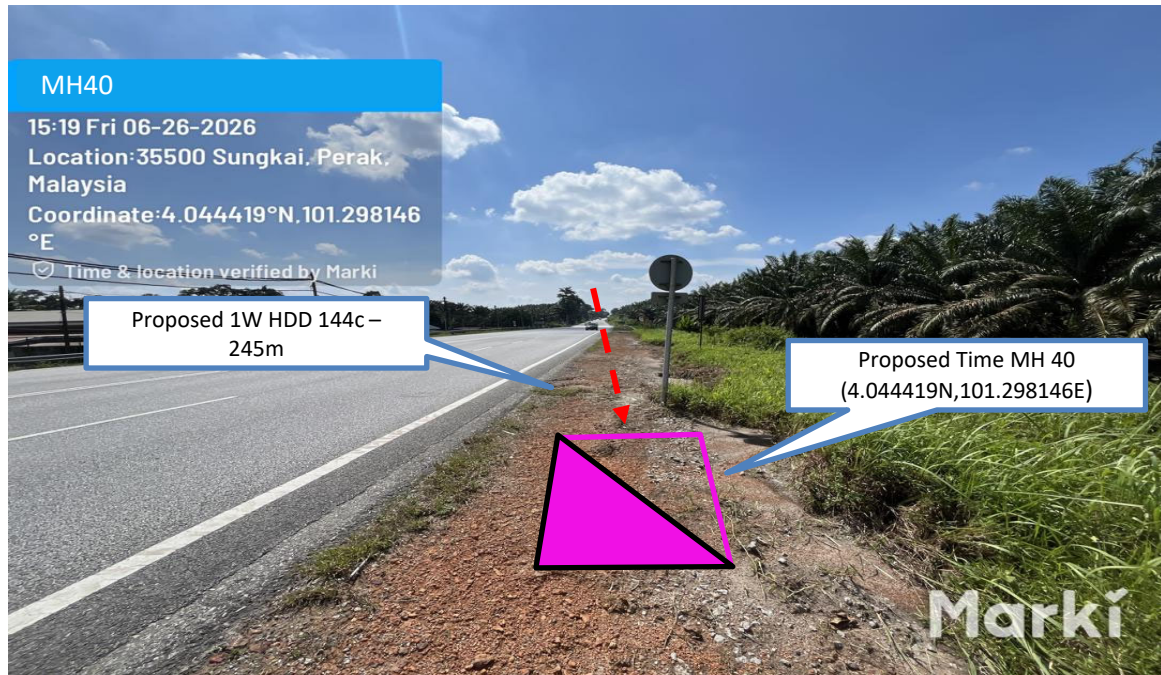


Prop 1W HDD 144C from Proposed Time MH38 to Proposed Time MH39– 240 m

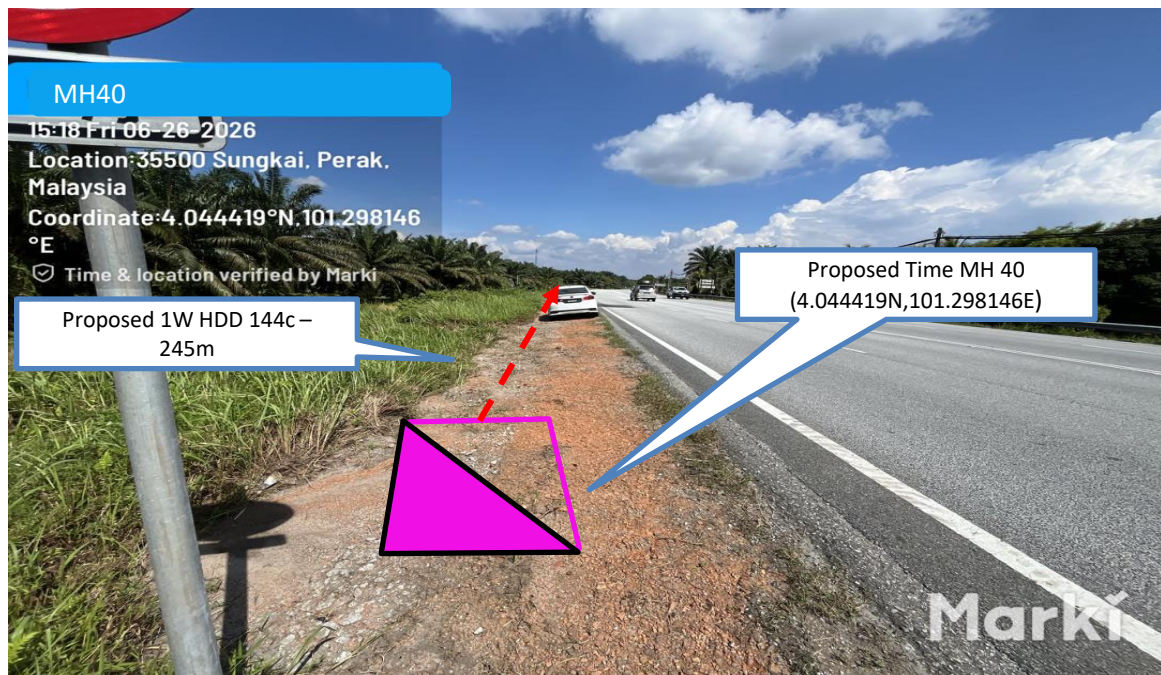


Prop 1W HDD 144C from Proposed Time MH39 to Proposed Time MH40– 245 m

3.1 Photo

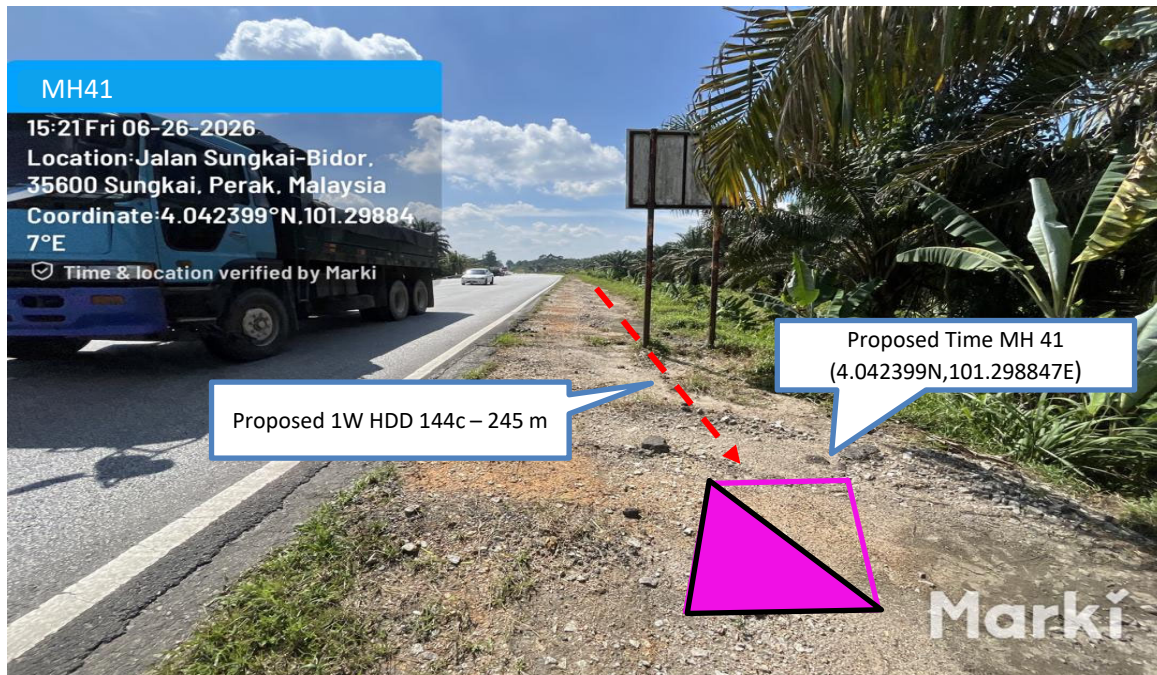


Prop 1W HDD 144C from Proposed Time MH39 to Proposed Time MH40– 245 m

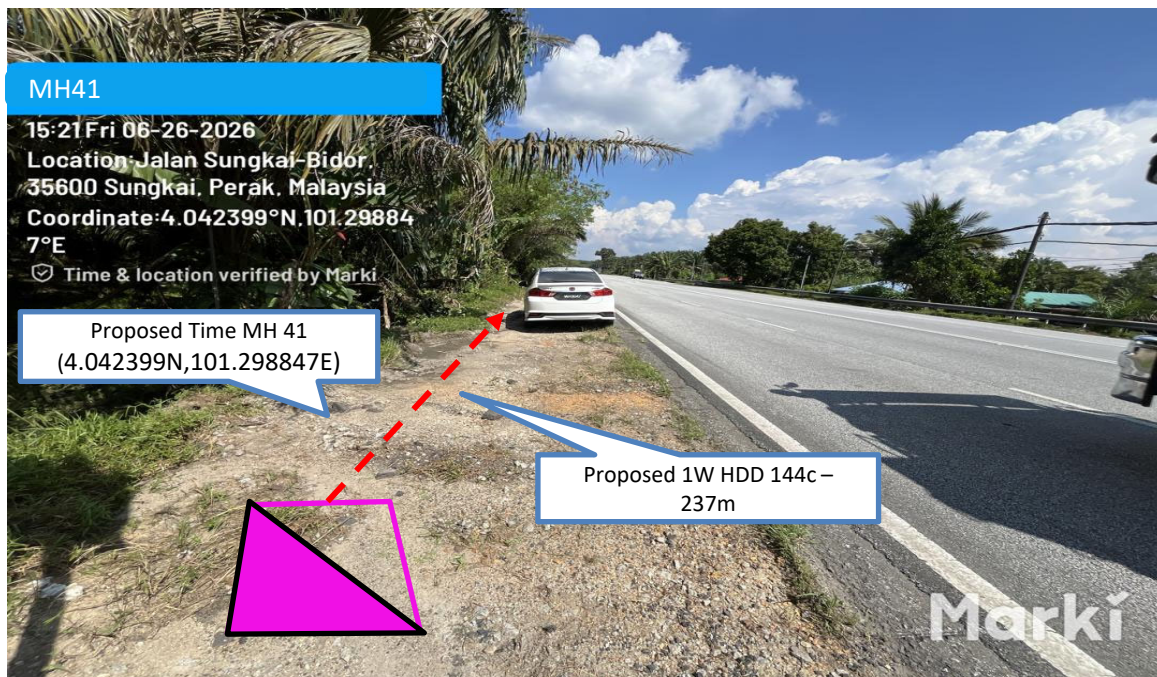


Prop 1W HDD 144C from Proposed Time MH40 to Proposed Time MH41– 245 m

3.1 Photo



Prop 1W HDD 144C from Proposed Time MH40 to Proposed Time MH41– 245 m

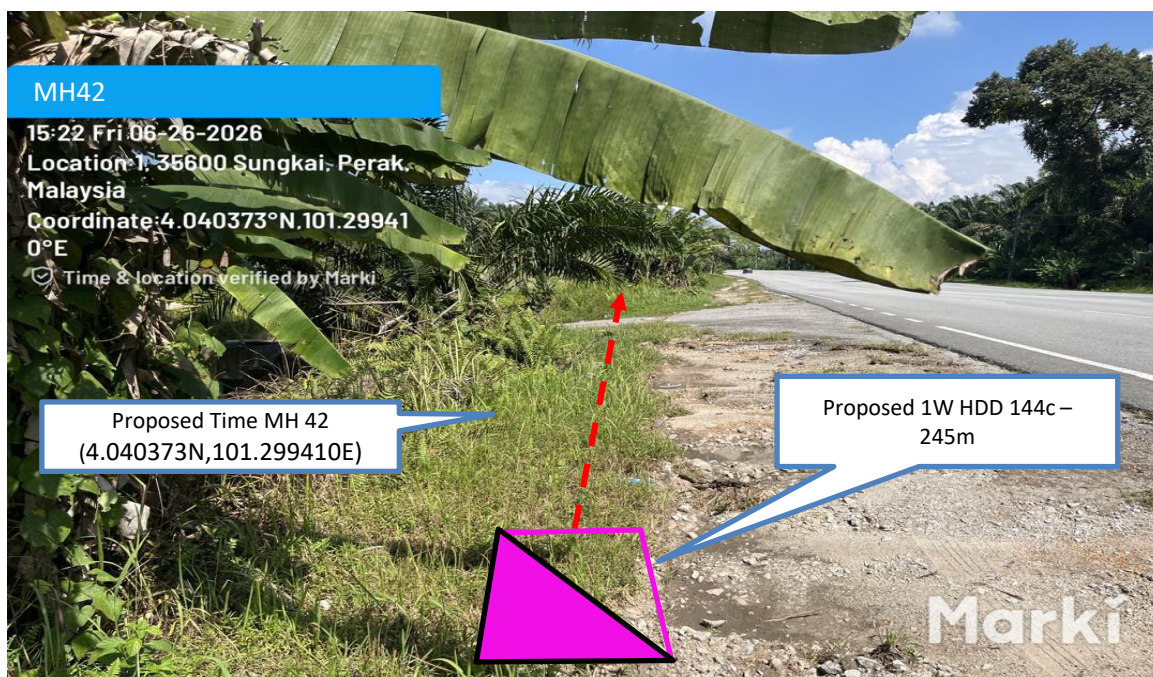


Prop 1W HDD 144C from Proposed Time MH41 to Proposed Time MH42–245 m

3.1 Photo

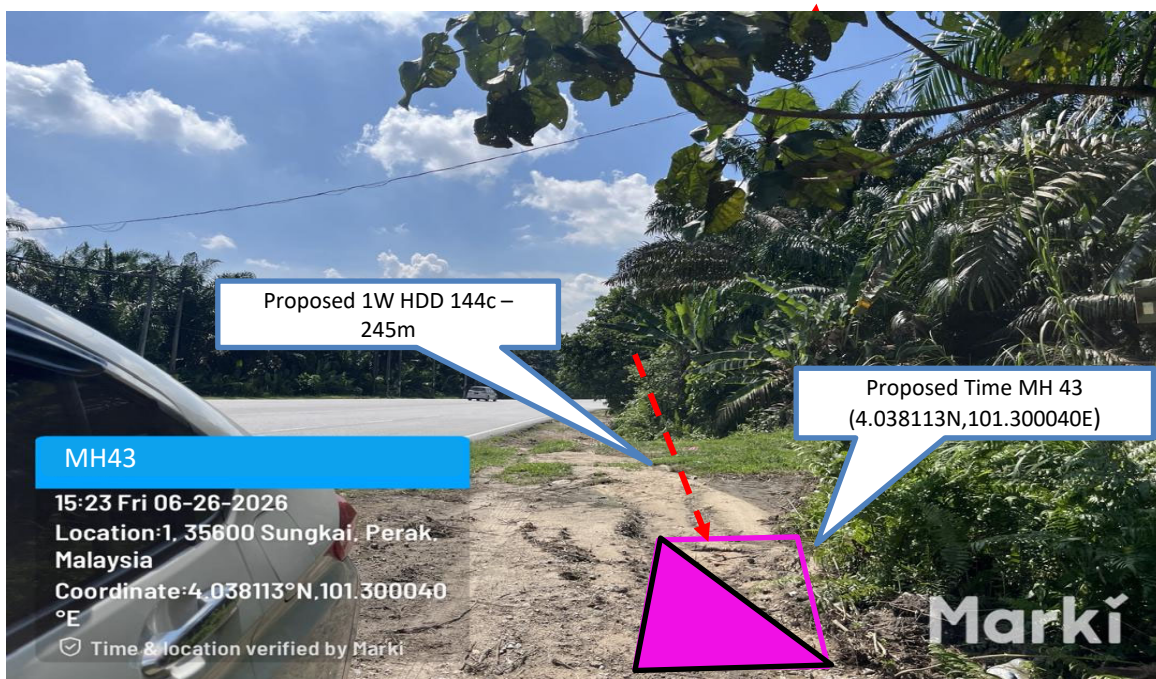


Prop 1W HDD 144C from Proposed Time MH41 to Proposed Time MH42–245 m

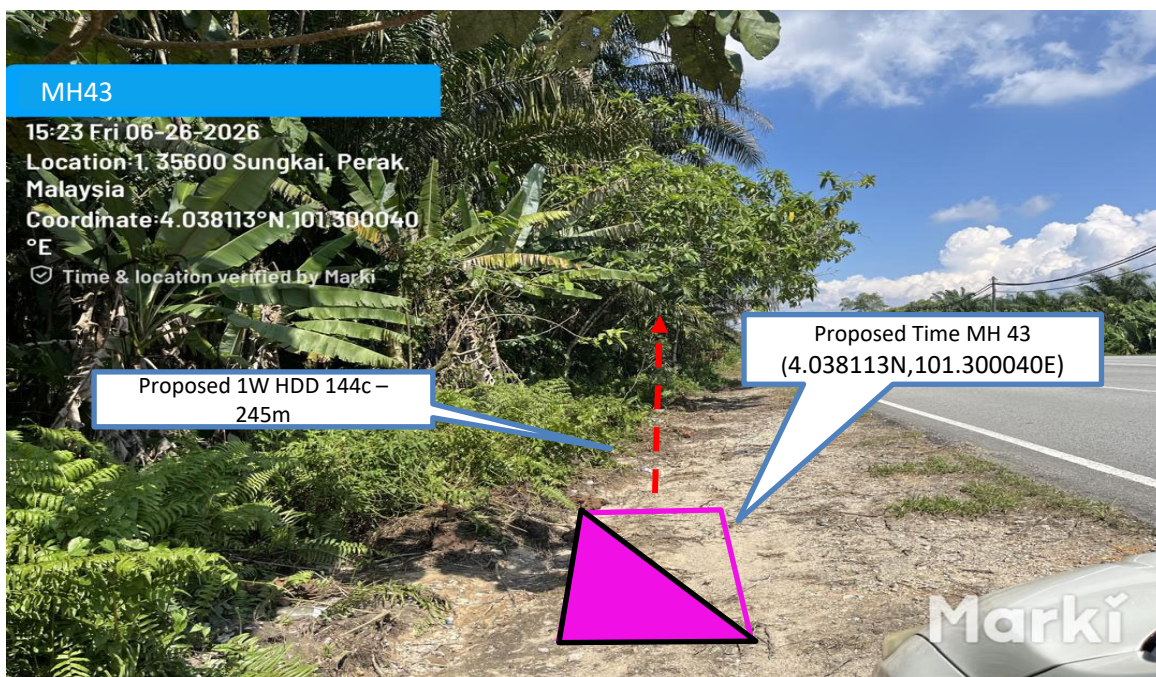


Prop 1W HDD 144C from Proposed Time MH42 to Proposed Time MH43– 245 m

3.1 Photo

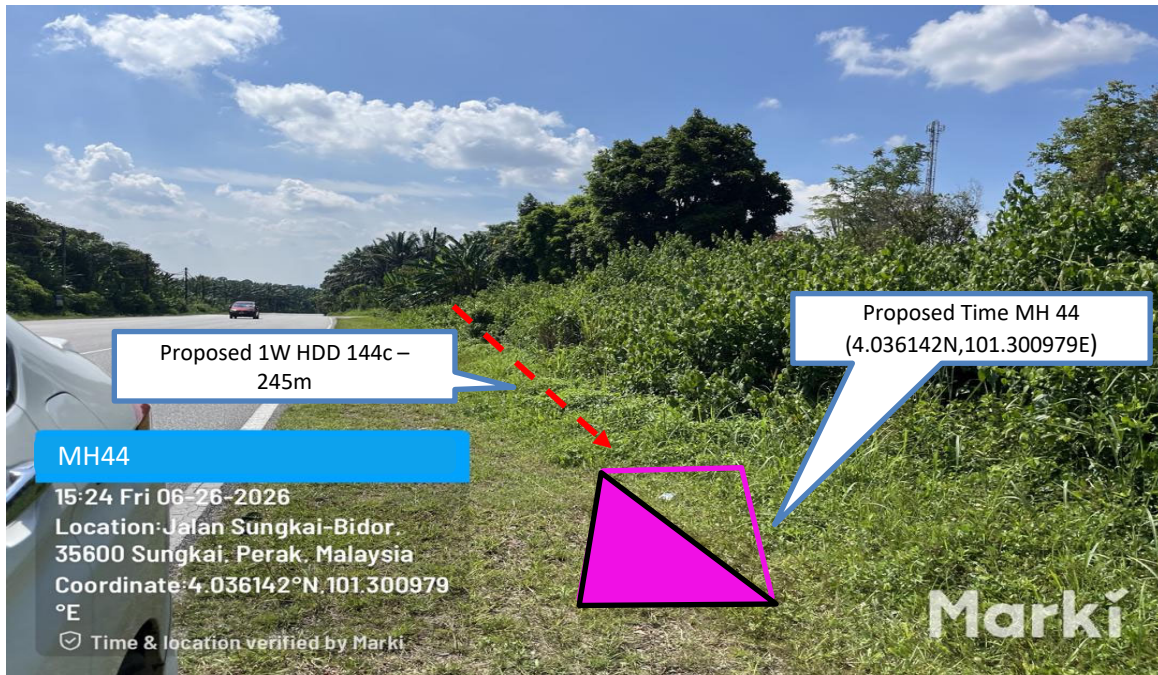


Prop 1W HDD 144C from Proposed Time MH42 to Proposed Time MH43– 245 m



Prop 1W HDD 144C from Proposed Time MH43 to Proposed Time MH44– 245 m

3.1 Photo

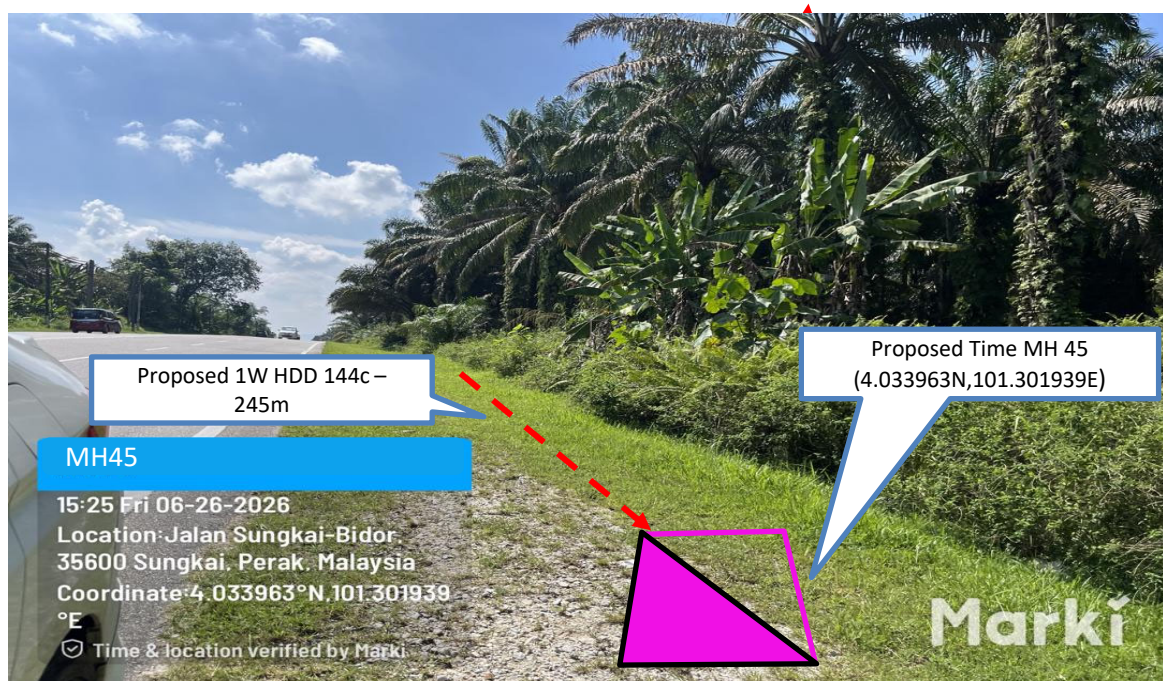


Prop 1W HDD 144C from Proposed Time MH43 to Proposed Time MH44– 245 m

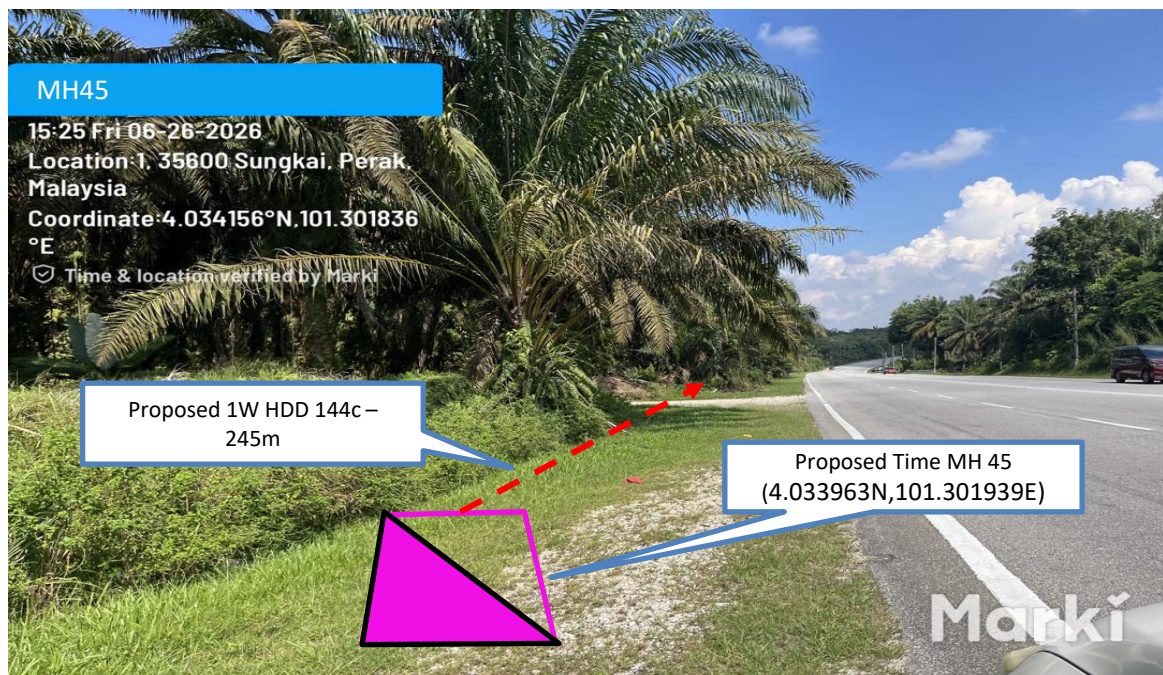


Prop 1W HDD 144C from Proposed Time MH44 to Proposed Time MH45– 245 m

3.1 Photo

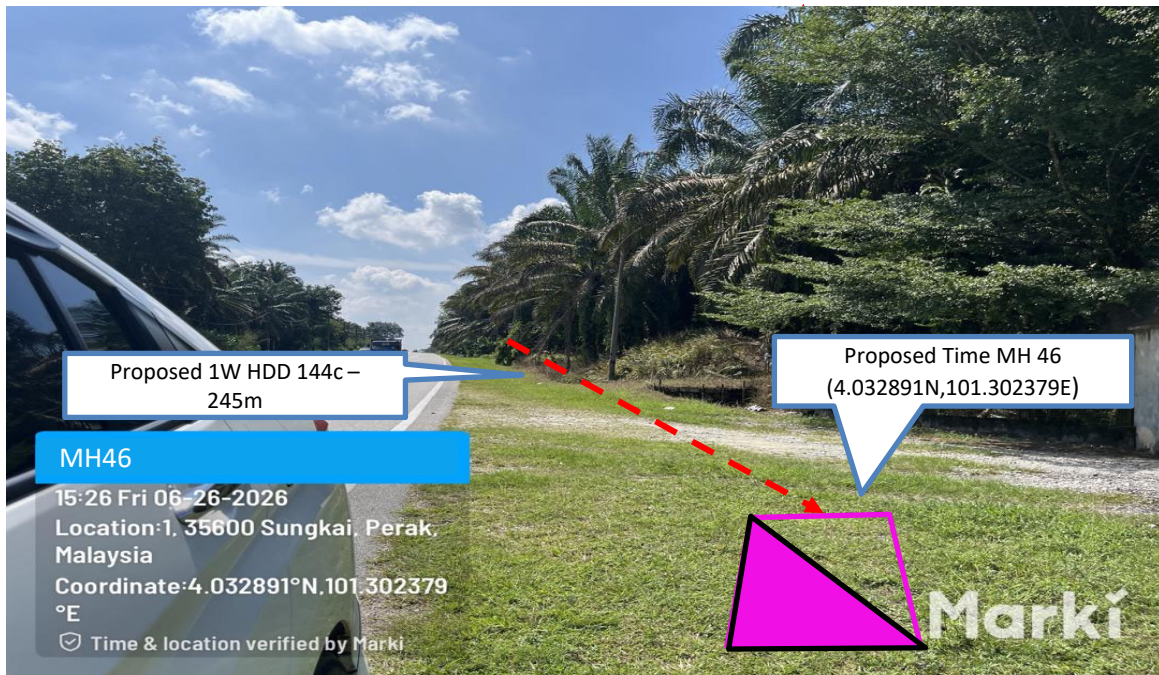


Prop 1W HDD 144C from Proposed Time MH44 to Proposed Time MH45– 245 m

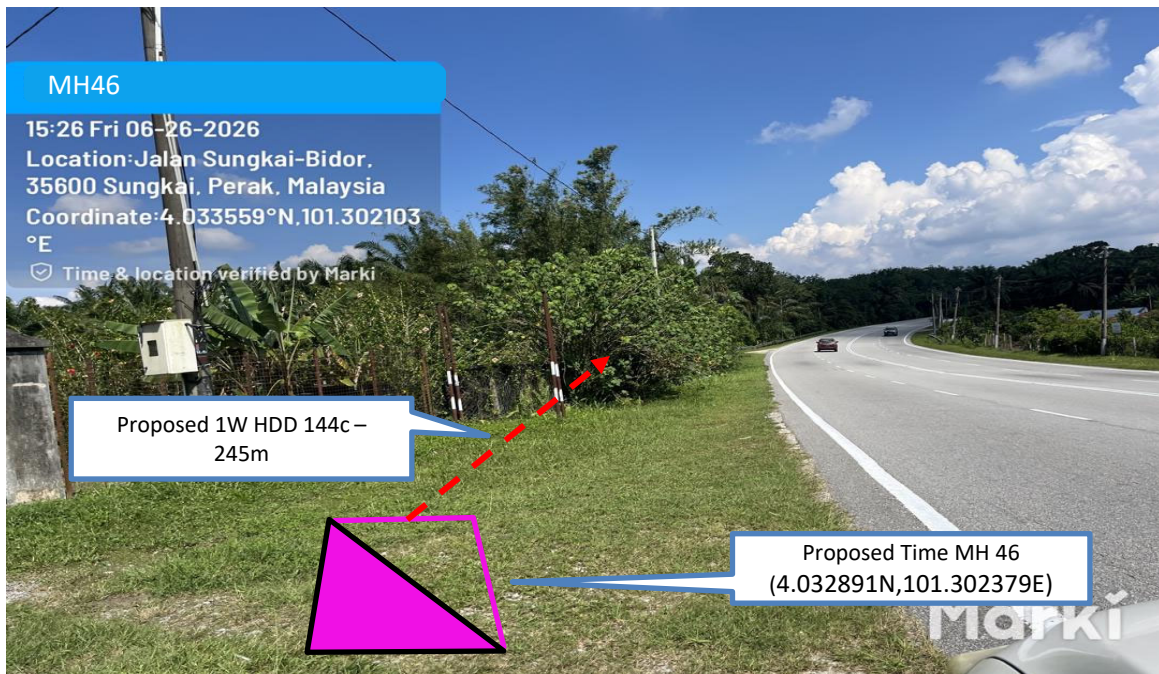


Prop 1W HDD 144C from Proposed Time MH45 to Proposed Time MH46–245 m

3.1 Photo



Prop 1W HDD 144C from Proposed Time MH45 to Proposed Time MH46–245 m



Prop 1W HDD 144C from Proposed Time MH46 to Proposed Time MH47–245m

3.1 Photo

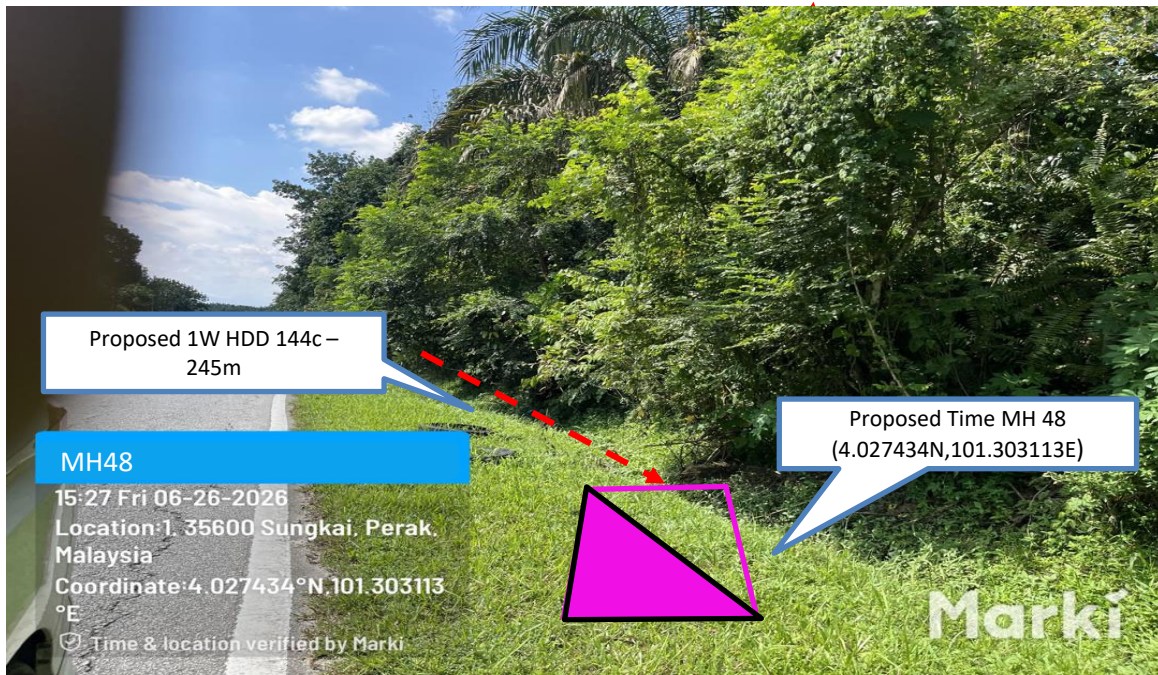


Prop 1W HDD 144C from Proposed Time MH46 to Proposed Time MH47–245 m



Prop 1W HDD 144C from Proposed Time MH47 to Proposed Time MH48– 245 m

3.1 Photo

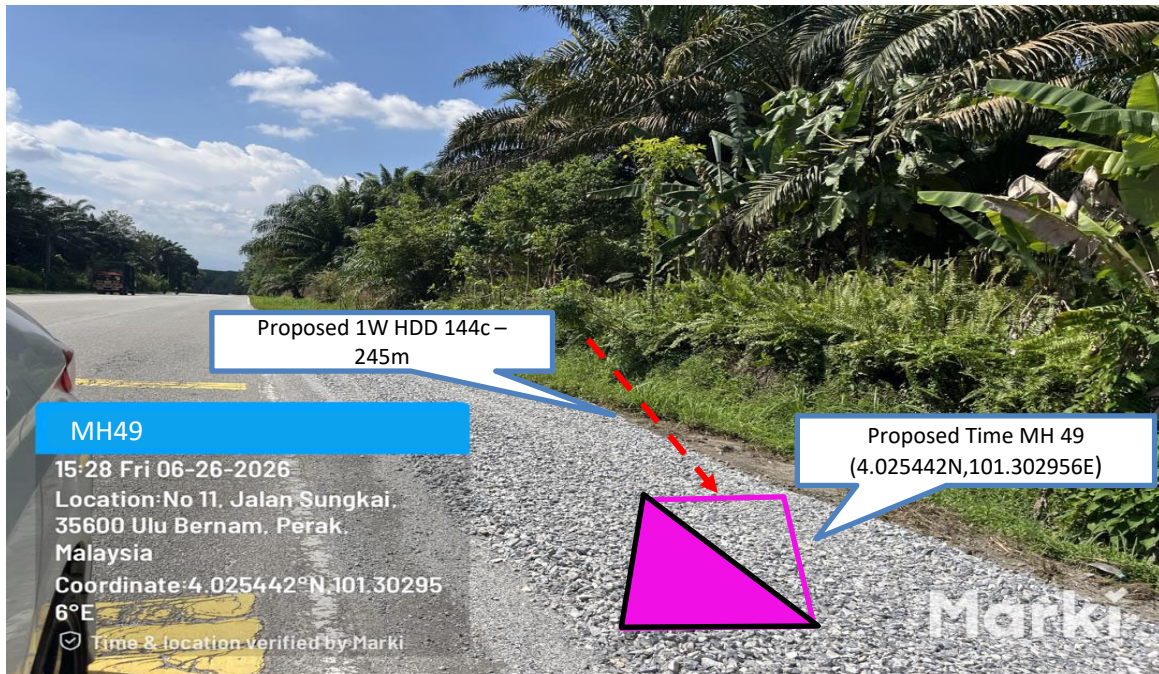


Prop 1W HDD 144C from Proposed Time MH47 to Proposed Time MH48– 245 m

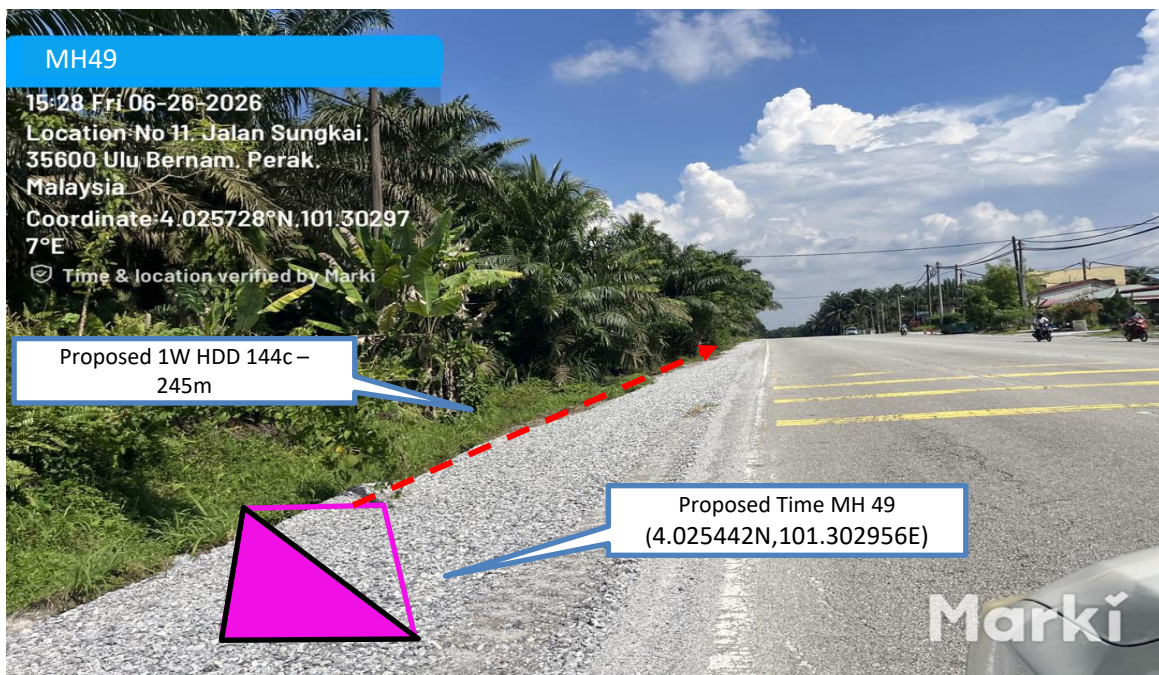


Prop 1W HDD 144C from Proposed Time MH48 to Proposed Time MH49– 245 m

3.1 Photo

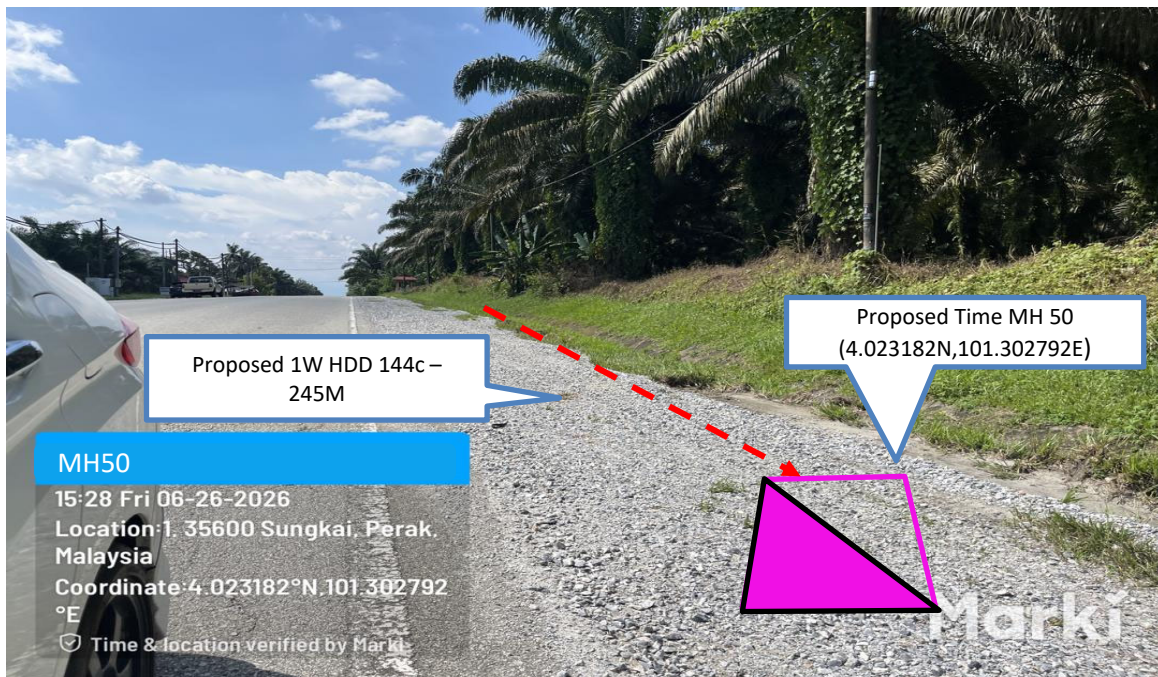


Prop 1W HDD 144C from Proposed Time MH48 to Proposed Time MH49– 245 m



Prop 1W HDD 144C from Proposed Time MH49 to Proposed Time MH50– 245 m

3.1 Photo

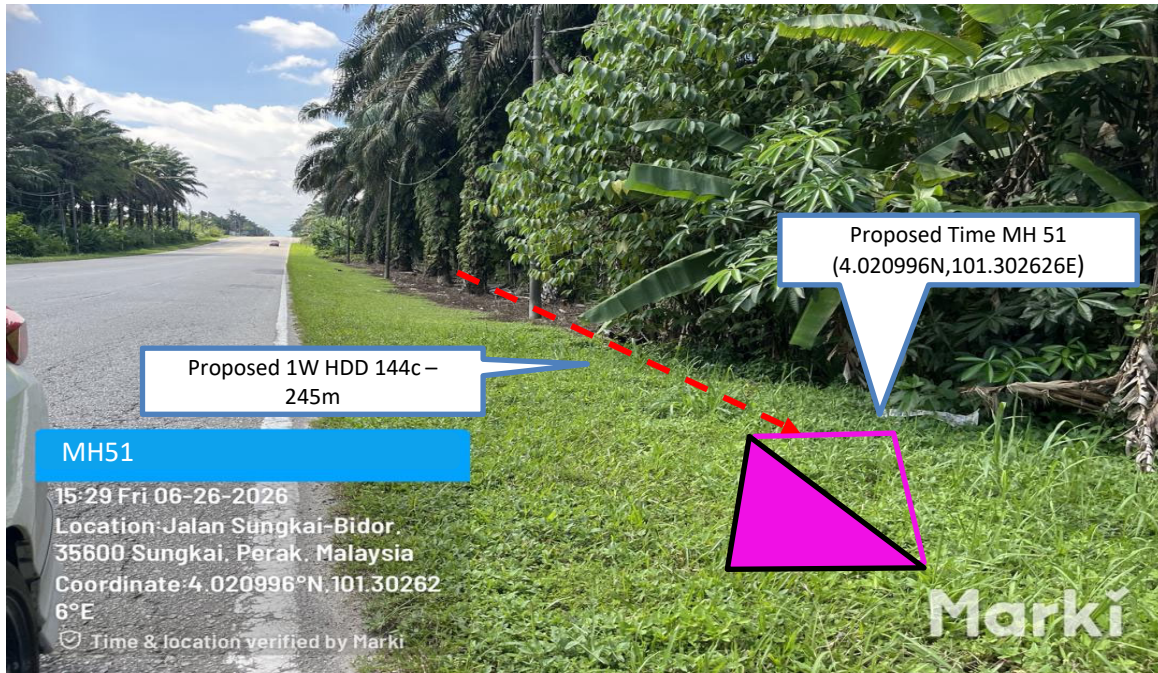


Prop 1W HDD 144C from Proposed Time MH49 to Proposed Time MH50– 245 m

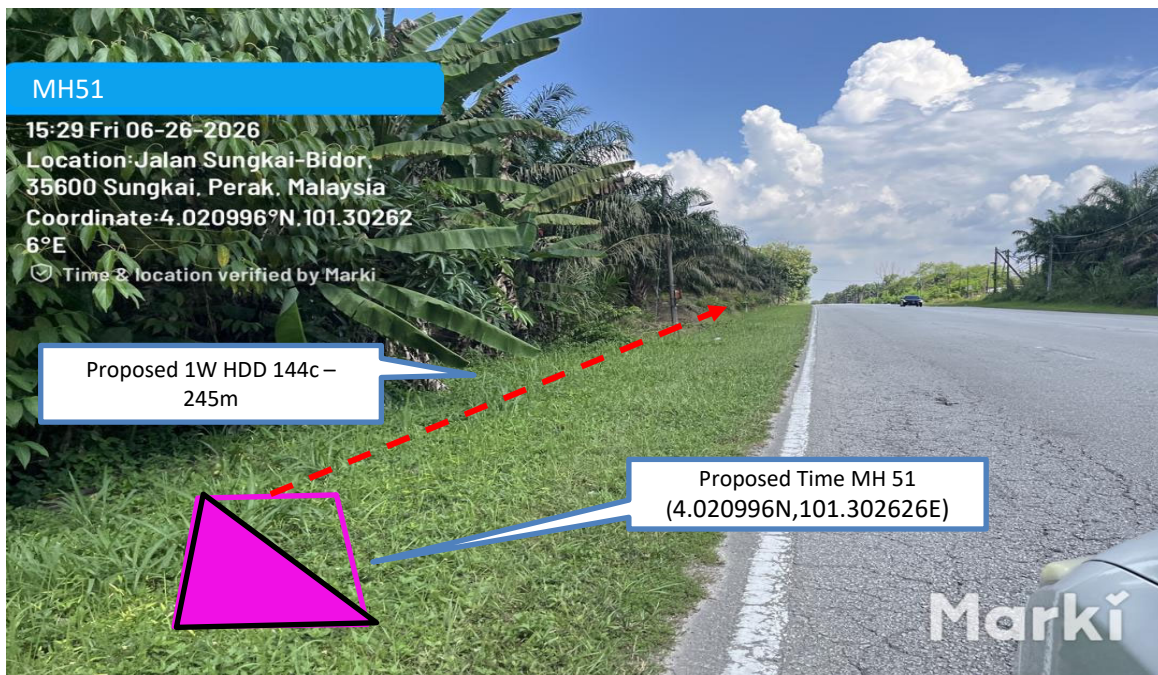


Prop 1W HDD 144C from Proposed Time MH49 to Proposed Time MH50– 245 m

3.1 Photo

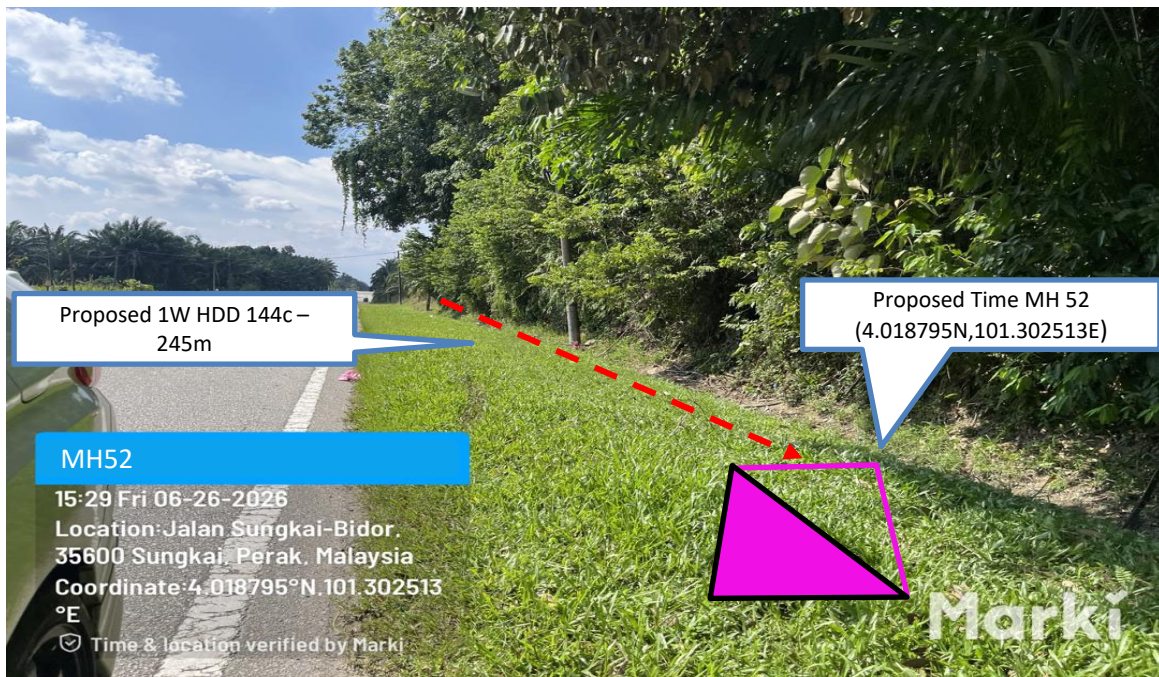


Prop 1W HDD 144C from Proposed Time MH49 to Proposed Time MH50– 245 m

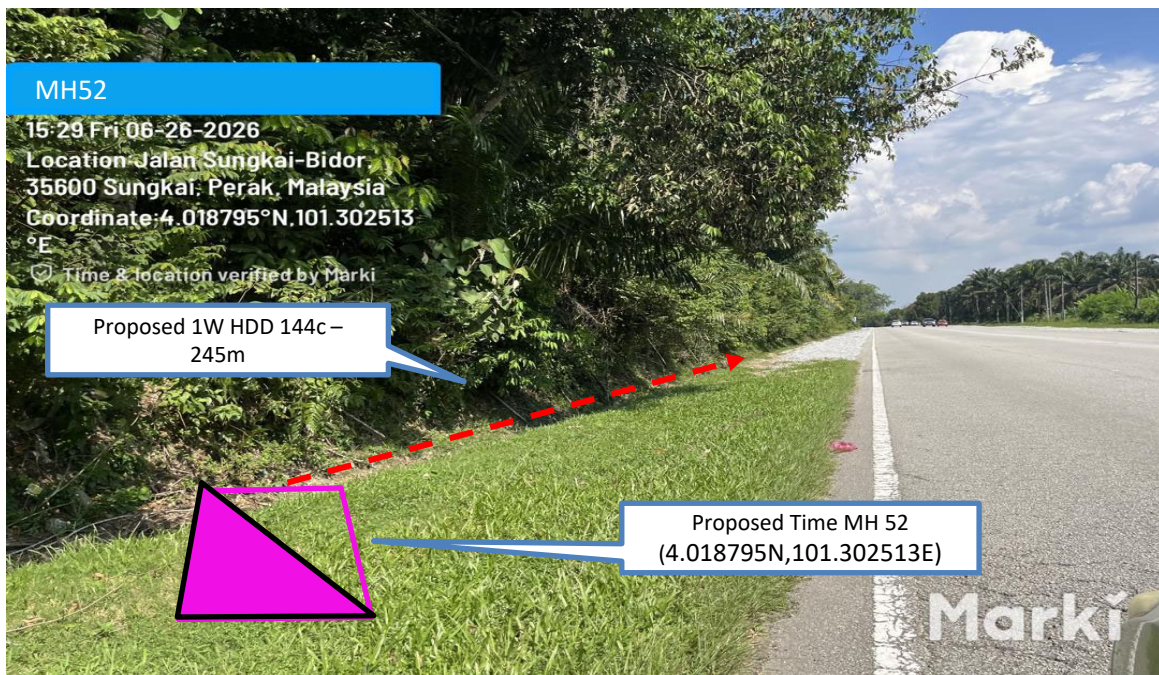


Prop 1W HDD 144C from Proposed Time MH51 to Proposed Time MH52– 245 m

3.1 Photo

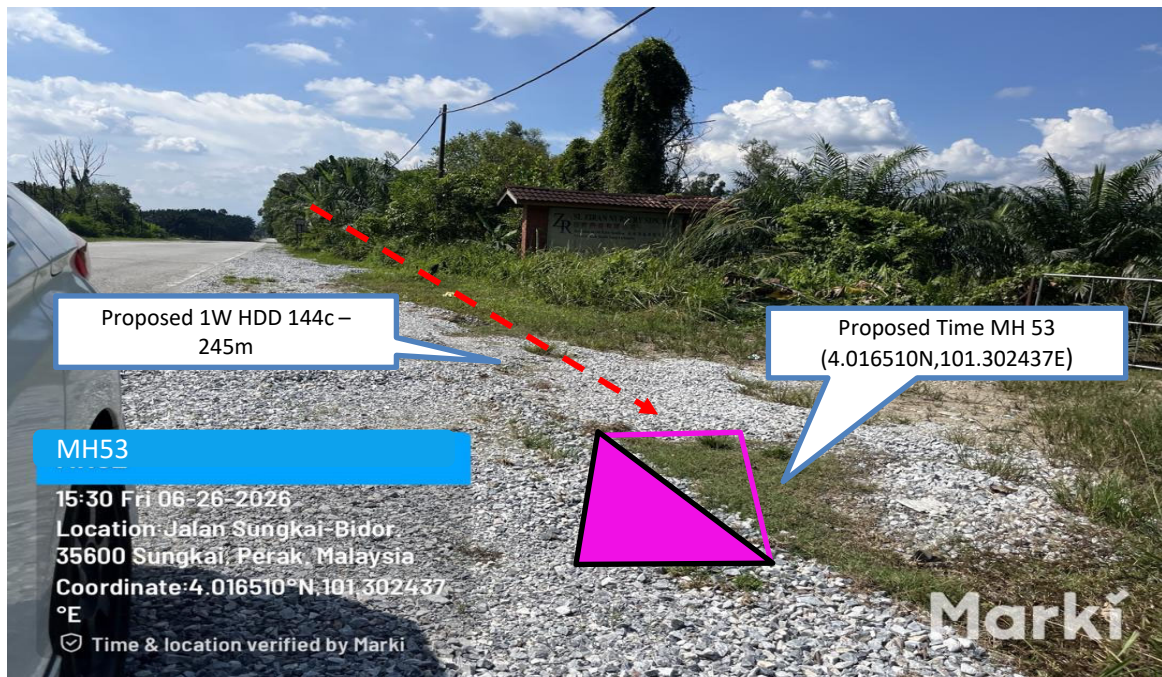


Prop 1W HDD 144C from Proposed Time MH51 to Proposed Time MH52– 245 m

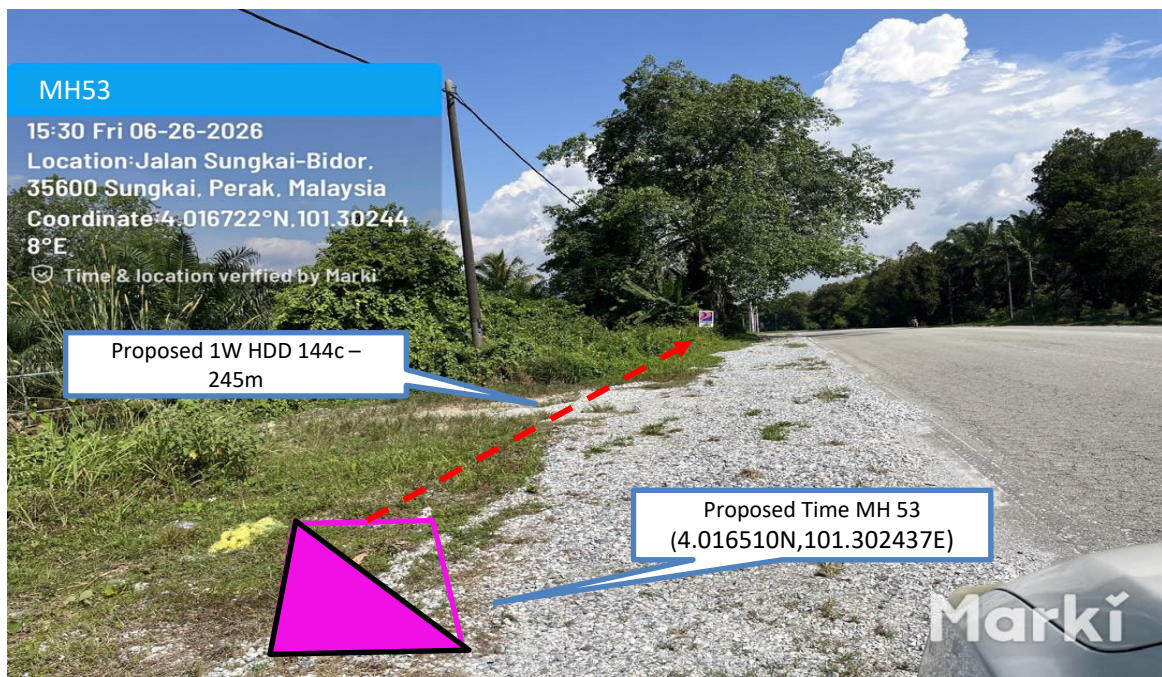


Prop 1W HDD 144C from Proposed Time MH51 to Proposed Time MH52– 245 m

3.1 Photo

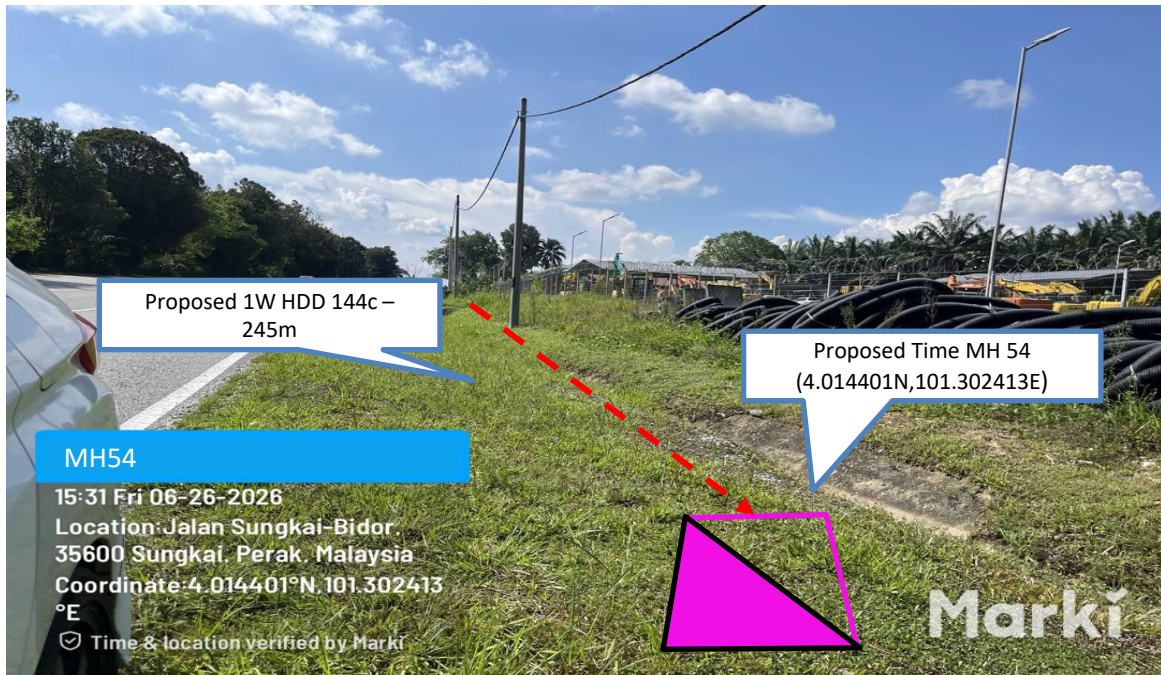


Prop 1W HDD 144C from Proposed Time MH51 to Proposed Time MH52– 245 m



Prop 1W HDD 144C from Proposed Time MH53 to Proposed Time MH54– 245 m

3.1 Photo

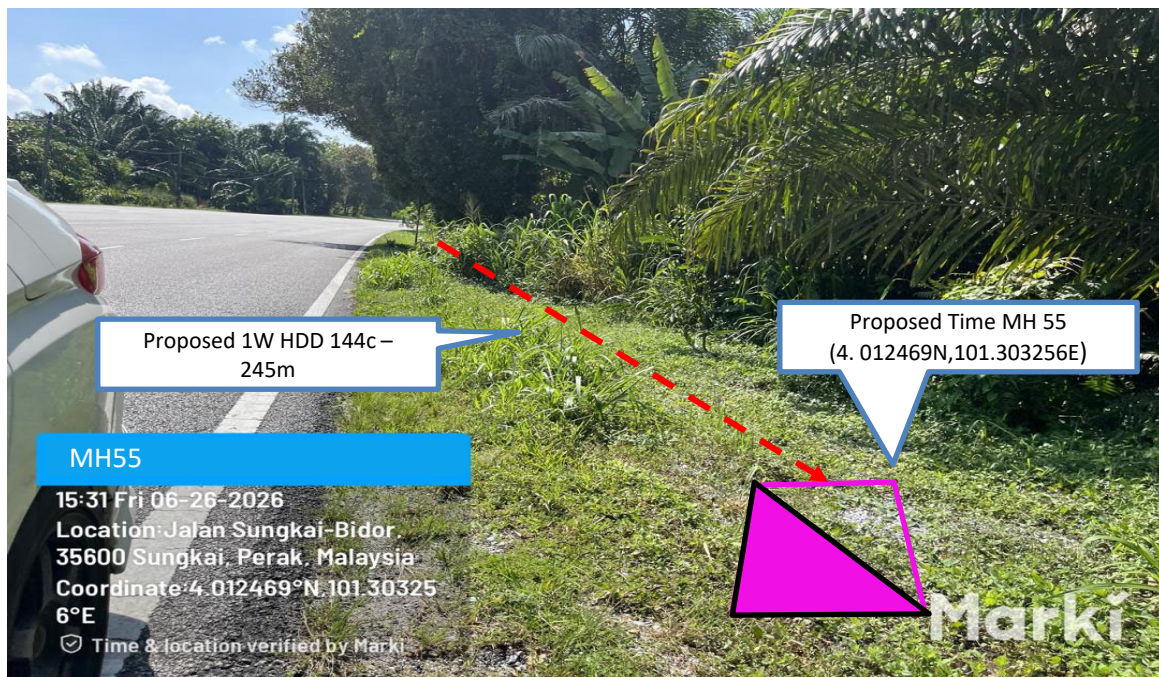


Prop 1W HDD 144C from Proposed Time MH53 to Proposed Time MH54– 245 m



Prop 1W HDD 144C from Proposed Time MH54 to Proposed Time MH55– 245 m

3.1 Photo

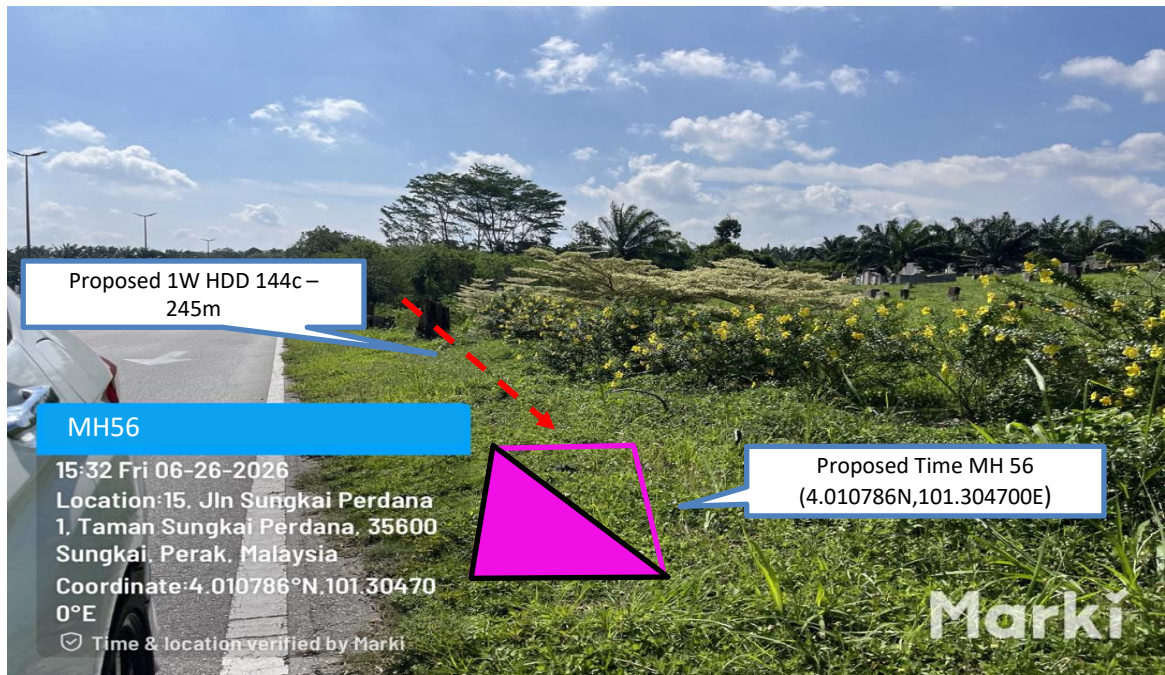


Prop 1W HDD 144C from Proposed Time MH54 to Proposed Time MH55– 245 m

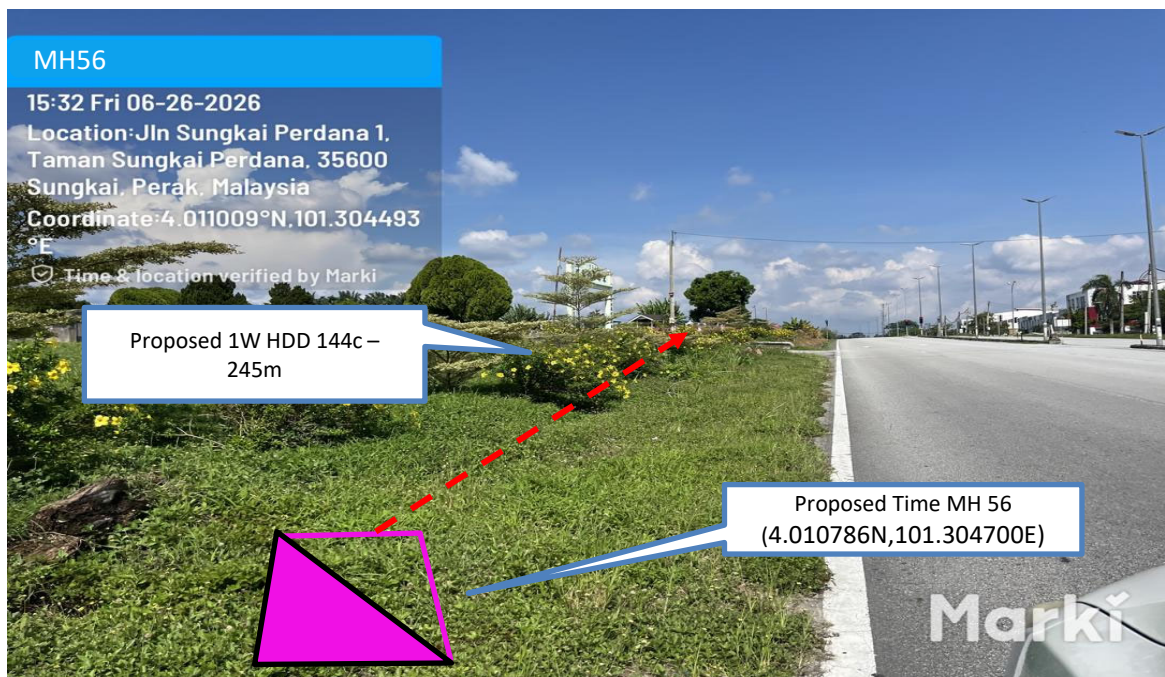


Prop 1W HDD 144C from Proposed Time MH55 to Proposed Time MH56– 245 m

3.1 Photo



Prop 1W HDD 144C from Proposed Time MH55 to Proposed Time MH56– 245 m

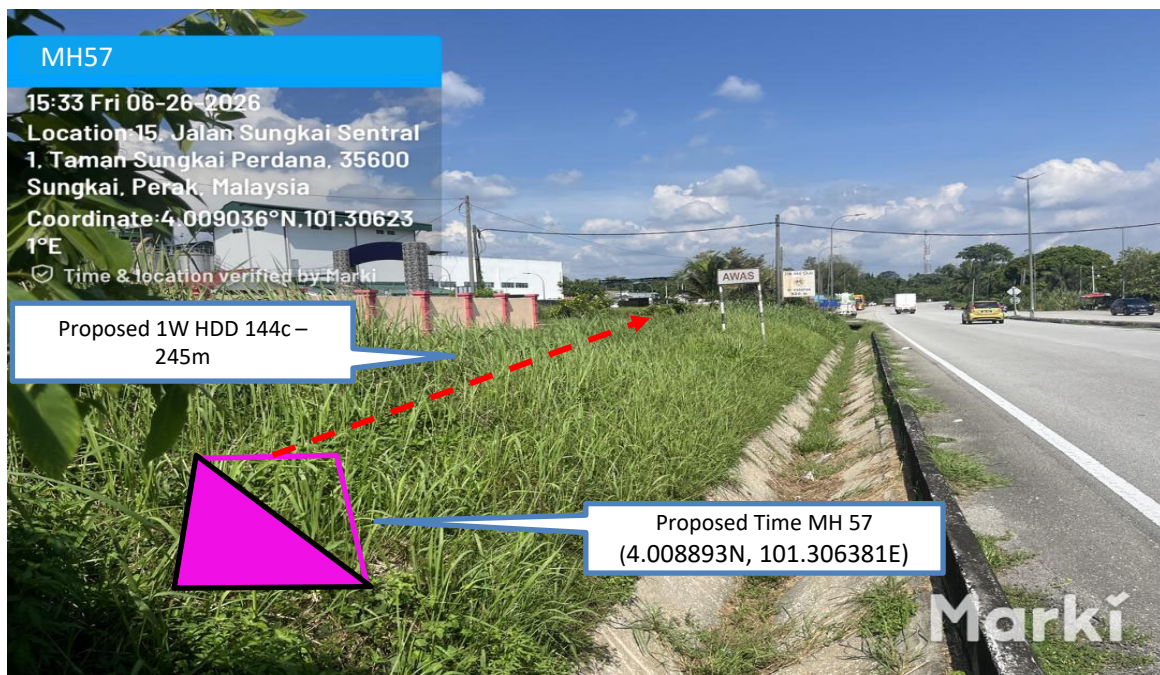


Prop 1W HDD 144C from Proposed Time MH56 to Proposed Time MH57– 245 m

3.1 Photo

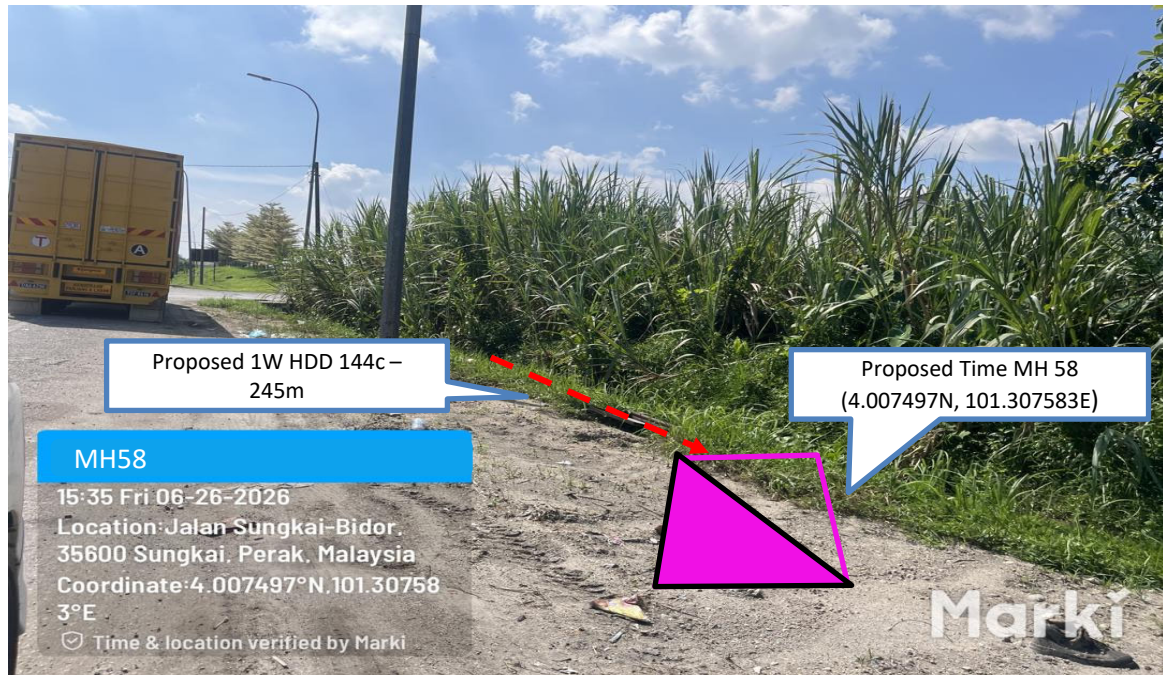


Prop 1W HDD 144C from Proposed Time MH56 to Proposed Time MH57– 245 m



Prop 1W HDD 144C from Proposed Time MH57 to Proposed Time MH58–245m

3.1 Photo

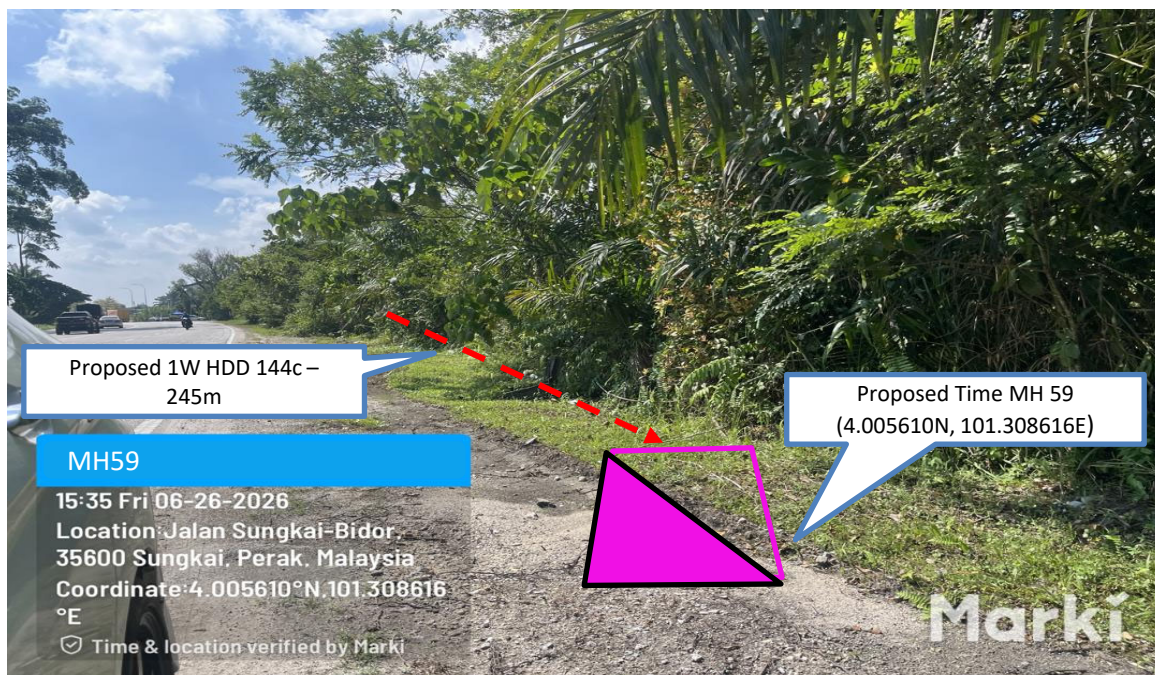


Prop 1W HDD 144C from Proposed Time MH57 to Proposed Time MH58–245m



Prop 1W HDD 144C from Proposed Time MH58 to Proposed Time MH59– 245 m

3.1 Photo



Prop 1W HDD 144C from Proposed Time MH58 to Proposed Time MH59– 245 m



Prop 1W HDD 144C from Proposed Time MH59 to Proposed Time MH60 –240m

3.1 Photo

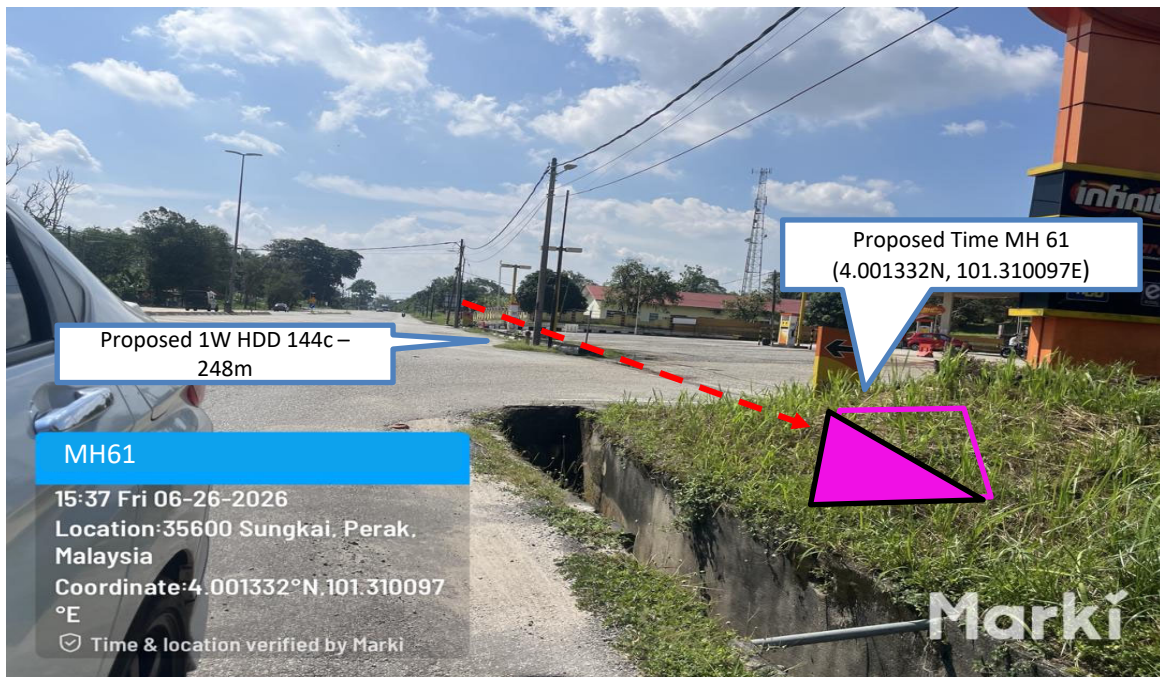


Prop 1W HDD 144C from Proposed Time MH59 to Proposed Time MH60 –240 m



Prop 1W HDD 144C from Proposed Time MH60 n to Proposed Time MH61–248 m

3.1 Photo



Prop 1W HDD 144C from Proposed Time MH60 n to Proposed Time MH61–248 m



Prop 1W HDD 144C from Proposed Time MH61 to Proposed Time MH62– 160 m

3.1 Photo

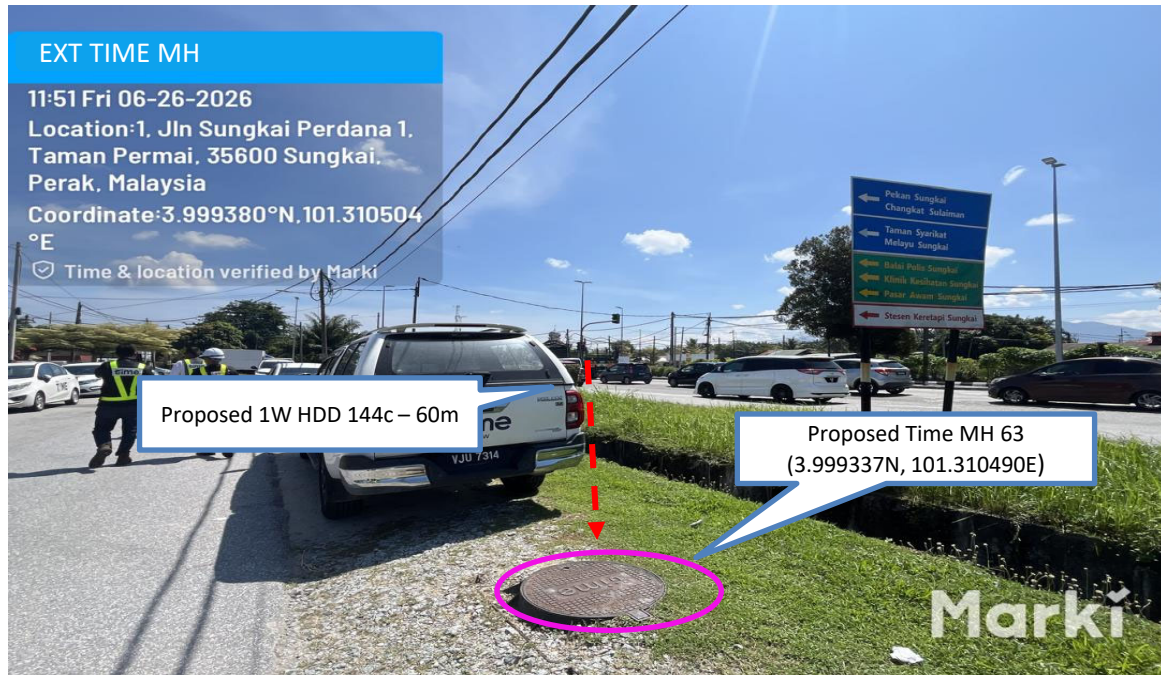


Prop 1W HDD 144C from Proposed Time MH61 to Proposed Time MH62– 160 m



Prop 1W HDD 144C from Proposed Time MH62 n to Proposed Existing Time Manhole– 60 m

3.1 Photo



Prop 1W HDD 144C from Proposed Time MH62 n to Proposed Existing Time Manhole– 60 m

