



MUSTIKA TERATAI SDN BHD
 No.27-01, Jalan Harmoni 3/8
 Taman Desa Harmoni, 81100 Johor Bahru,
 Johor Darul Takzim
 Tel : 07 - 3576715
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DIGI TELECOMMUNICATION SDN BHD
 LOT 10, JALAN DELIMA 1/1,
 SUBANG HI-TECH INDUSTRIAL PARK,
 40000 SHAH ALAM, SELANGOR

TECHNICAL PROPOSAL (OSP)



Site A
4178R Kg. Ulu Groh
 LATITUDE : 4.438663 °
 LONGTITUDE : 101.251940°



Site B
4351A Gopeng Kg Jelintoh RDD –
Tapping EX MH Celcom (Missing)
 LATITUDE : 4.443269°
 LONGTITUDE : 101.237638°

CIVIL INFRASTRUCTURE

Project Name : Jendela 2022
 Region : Northern
 Site/Link name: 4178R Kg Ulu Groh – 4351A Gopeng Kg Jelintoh RDD
 Unique Link ID : 22-0392BD
 Site Address A : 4178R Kg. Ulu Groh
 Site Address B : 4351A Gopeng Kg Jelintoh RDD – Tapping EX MH Celcom (Missing)
 Survey Date : 27/06/2024



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1.0 OSP

Section 1: Proposal Sign-off sheet

This proposal is to provide new civil infrastructure and fibre optic cabling for link below :

Location A : 4178R Kg. Ulu Groh

 Location B : 4351A Gopeng Kg. Jelintoh RDD – Tapping EX MH
 Celcom (Missing)

Contractor

Name : MUSTIKA TERATAI SDN BHD

 Signature : _____
 Check & Approved date : _____
 Submission Date : _____

DiGi Authorized Personel

Planning / name : _____
 Signature : _____
 Check & Approved date : _____

Implementation / name : _____
 Signature : _____
 Check & Approved date : _____

Permitting / name : _____
 Signature : _____
 Check & Approved date : _____

PM / name : _____
 Signature : _____
 Check & Approved date : _____



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Section 2: Bill of Material



Section 2: Work Package

Overall Proposed Civil Infrastructure Design Distance		1,875	Meter
a.	Horizontal Directional Drill (HDD)		Meter
b.	Carriage Way Open Trenching (CW)	6	Meter
c.	Grass Verge Open Trenching (GV)	374	Meter
d.	Micro Trenching (MT)		Meter
e.	Propose Cable Ladder / Trunking		Meter
f.	Other / GI Riser / Pipe Jacking		Meter
g.	Existing Cable ladder (In Cabin)		
h.	Cable Pulling		Meter
i.	Aerial Cable	1,495	
No. of proposed Manhole / Joint Box / JC9		4	each
No. of Proposed Pole		42	
Area of Milling work Required			
Estimated timeline required for job completion			days

Existing Infrastructure Information

Preceding Duct / SubDuct Space	
Preceding Duct/SubDuct Condition	
Existing / Tapping manhole	4.443269° , 101.237638°
Existing Cable / Fiber Condition	



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TENAGA Pole Option:

TNB pole availability	N/A
Distance of the TNB poles	N/A
Constraint	N/A

3rd parties Dependencies

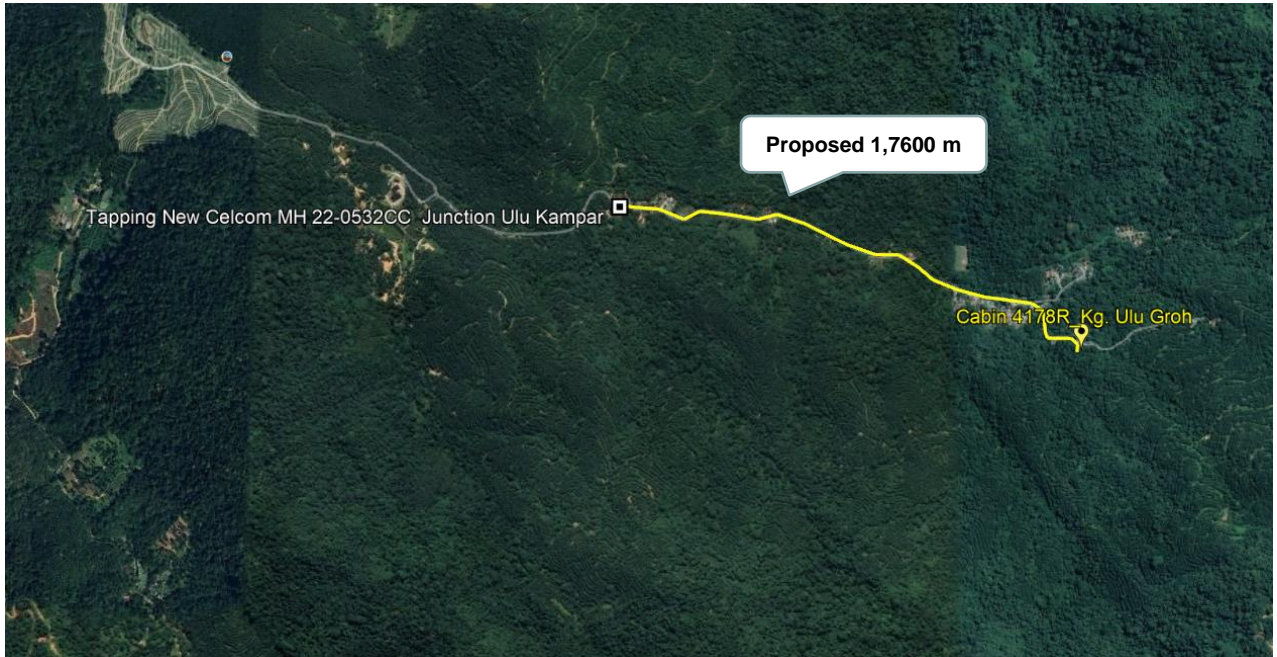
Item	Parties involve and location
LA/LC	
LLM / KTM / SBC etc.	
Building Management / Land Lord	
Private Owners	

Other Highlights/Remark

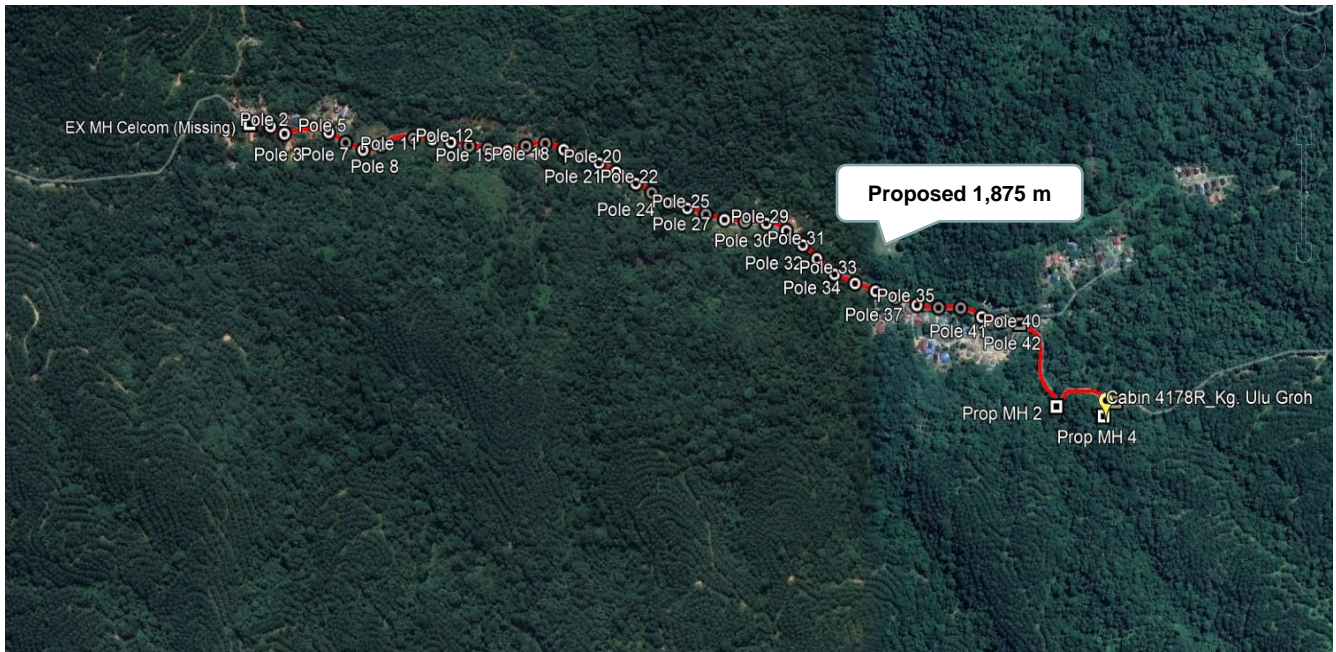
Road crossing and ROW change expected depending on Local Authority instruction. Method of Statement and location of MH subject to site condition and as advice/instruction by Implementation Manager during construction since other utilities like water pipes, telecommunication infra and TNB spotted on site.



Section 3 : OSP Routing Plan



Planner KMZ



Proposed KMZ

Remarks: The propose route is same with planner proposed route.



Section 3 : OSP Routing Plan

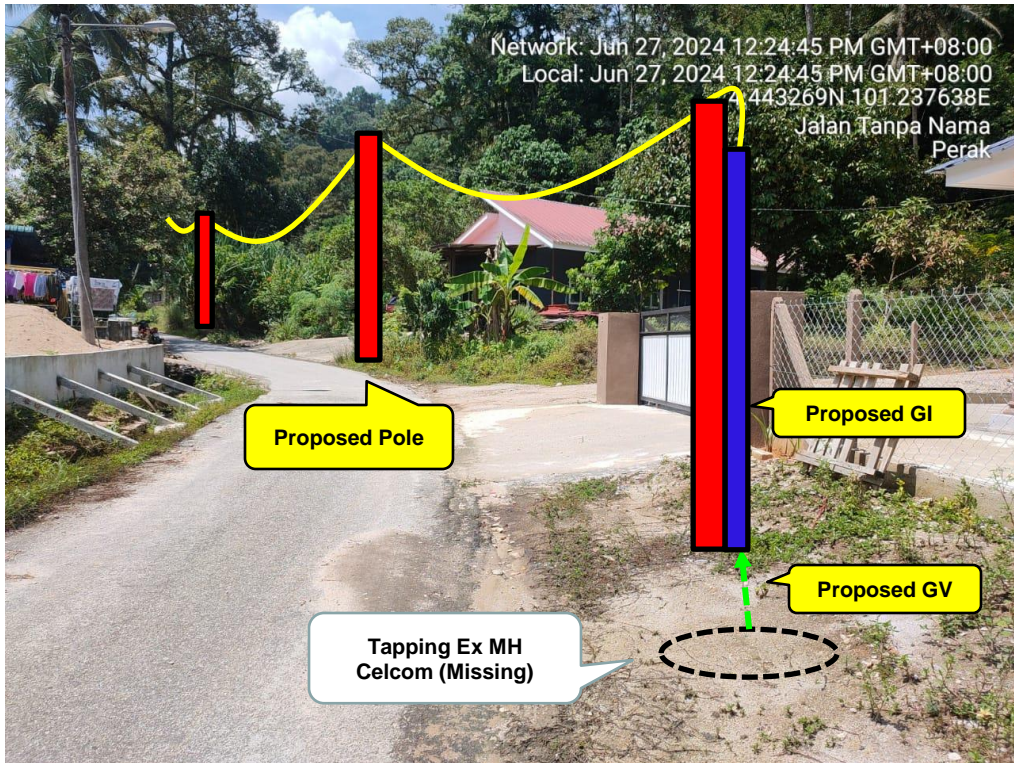
PROPOSED MANHOLE AND POLE COORDINATE		
MANHOLE/POLE NUMBER	LATITUDE	LONGTITUDE
EX MH CELCOM (Missing)	4.443269°	101.237638°
Prop Pole 1	4.443189°	101.237879°
Prop Pole 2	4.443144°	101.238195°
Prop Pole 3	4.443033°	101.238426°
Prop Pole 4	4.443081°	101.238725°
Prop Pole 5	4.443054°	101.239156°
Prop Pole 6	4.442898°	101.239433°
Prop Pole 7	4.442787°	101.239721°
Prop Pole 8	4.442855°	101.240019°
Prop Pole 9	4.442958°	101.240231°
Prop Pole 10	4.442963°	101.240550°
Prop Pole 11	4.442948°	101.240861°
Prop Pole 12	4.442903°	101.241168°
Prop Pole 13	4.442846°	101.241467°
Prop Pole 14	4.442808°	101.241778°
Prop Pole 15	4.442775°	101.242100°
Prop Pole 16	4.442844°	101.242404°
Prop Pole 17	4.442887°	101.242722°
Prop Pole 18	4.442793°	101.243025°
Prop Pole 19	4.442693°	101.243324°
Prop Pole 20	4.442588°	101.243606°
Prop Pole 21	4.442451°	101.243889°
Prop Pole 22	4.442280°	101.244213°
Prop Pole 23	4.442140°	101.244476°



Section 3 : OSP Routing Plan

PROPOSED MANHOLE AND POLE COORDINATE		
MANHOLE/POLE NUMBER	LATITUDE	LONGTITUDE
Prop Pole 24	4.441991°	101.244760°
Prop Pole 25	4.441905°	101.245061°
Prop Pole 26	4.441811°	101.245370°
Prop Pole 27	4.441732°	101.245675°
Prop Pole 28	4.441706°	101.246012°
Prop Pole 29	4.441676°	101.246361°
Prop Pole 30	4.441562°	101.246692°
Prop Pole 31	4.441350°	101.246964°
Prop Pole 32	4.441140°	101.247196°
Prop Pole 33	4.440907°	101.247486°
Prop Pole 34	4.440768°	101.247824°
Prop Pole 35	4.440649°	101.248162°
Prop Pole 36	4.440547°	101.248494°
Prop Pole 37	4.440440°	101.248844°
Prop Pole 38	4.440402°	101.249200°
Prop Pole 39	4.440396°	101.249564°
Prop Pole 40	4.440263°	101.249911°
Prop Pole 41	4.440191°	101.250234°
Prop Pole 42	4.440177°	101.250519°
Prop MH 1	4.440160°	101.250540°
Prop MH 2	4.438907°	101.251142°
Prop MH 3	4.438975°	101.252118°
Prop MH 4	4.438760°	101.251919°
Cabin 4178R_Kg. Ulu Groh	4.438663°	101.251940°

Section 4: OSP Snapshot for new route



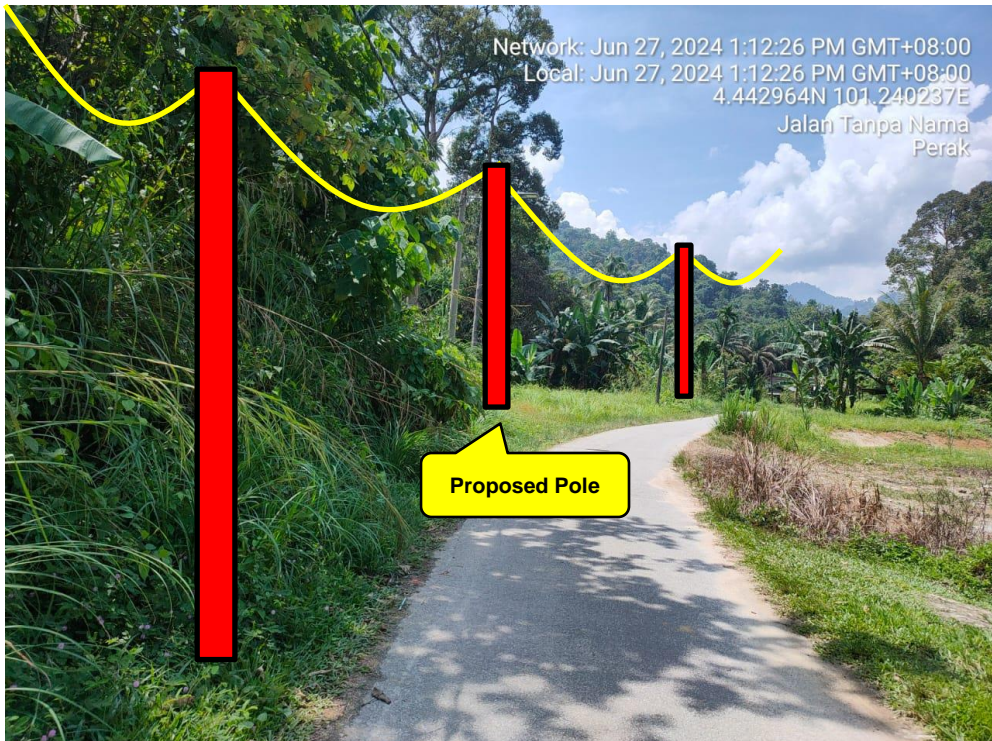


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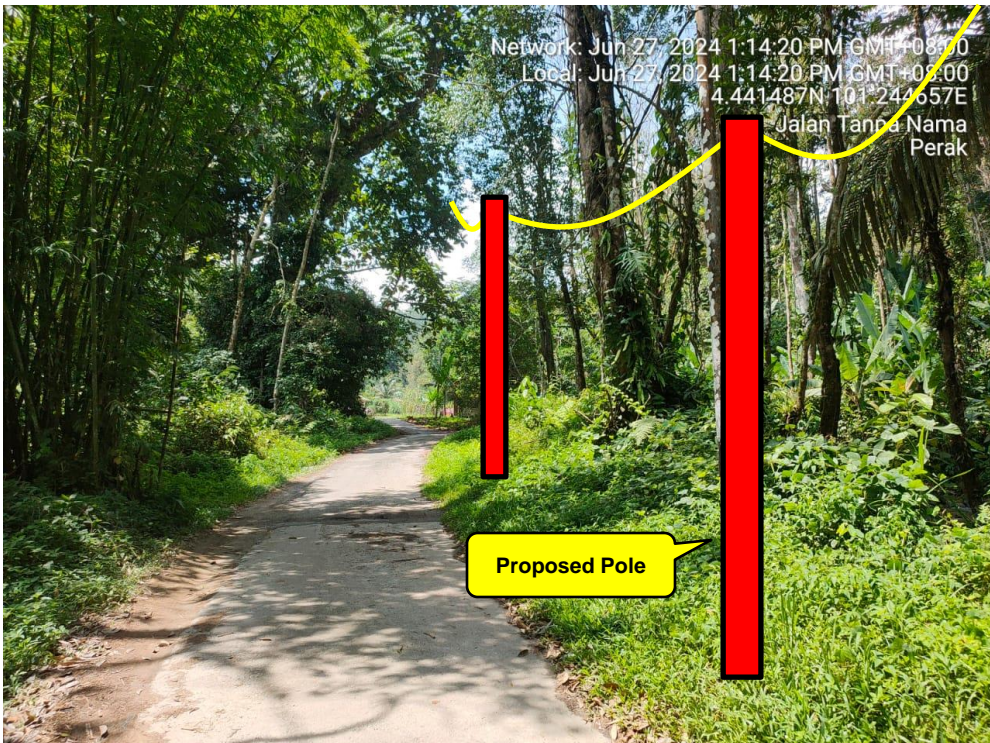


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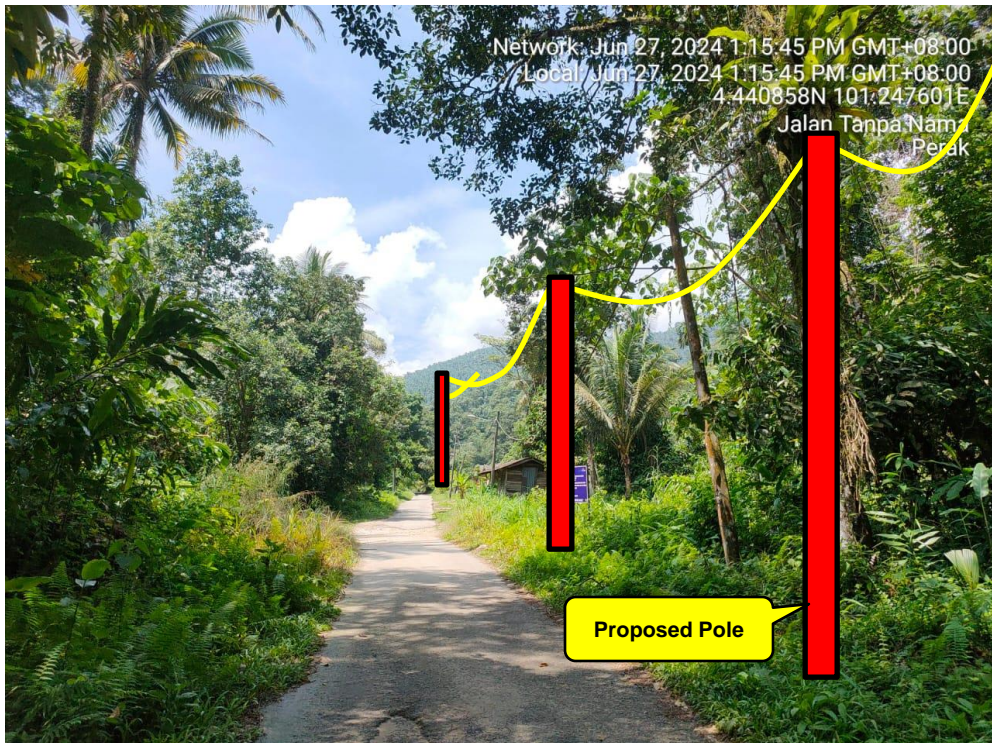
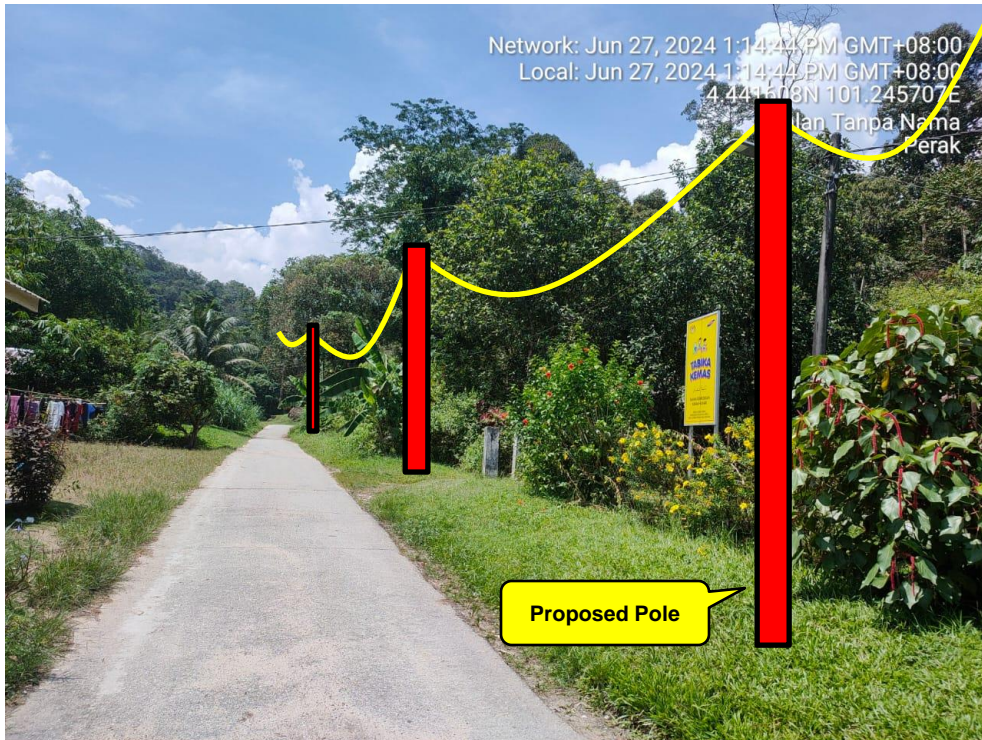


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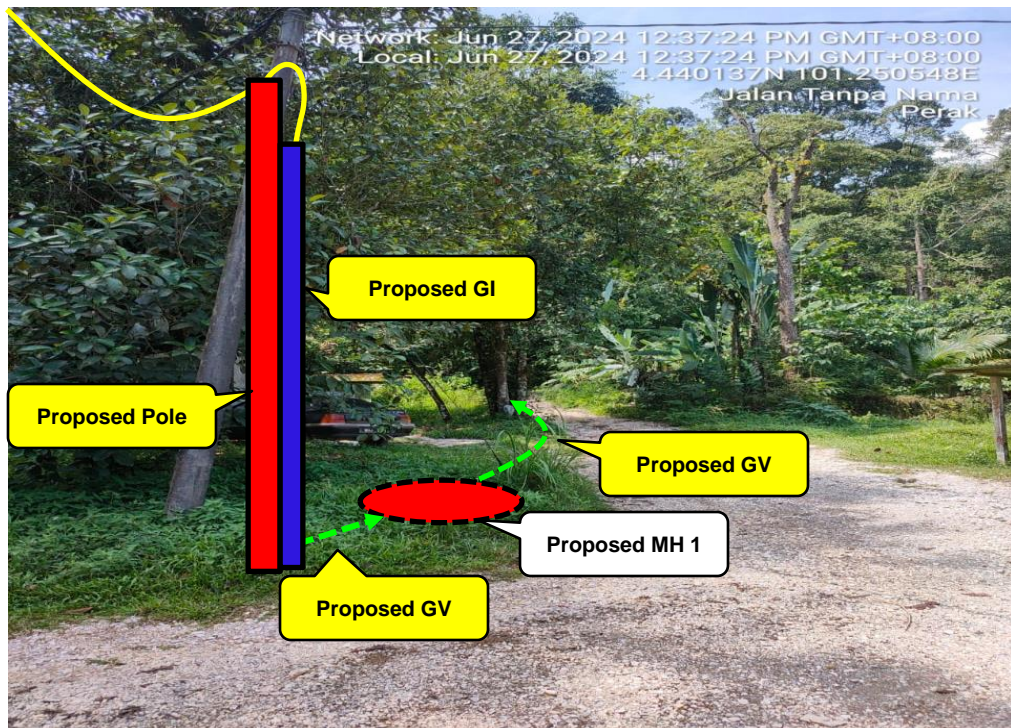
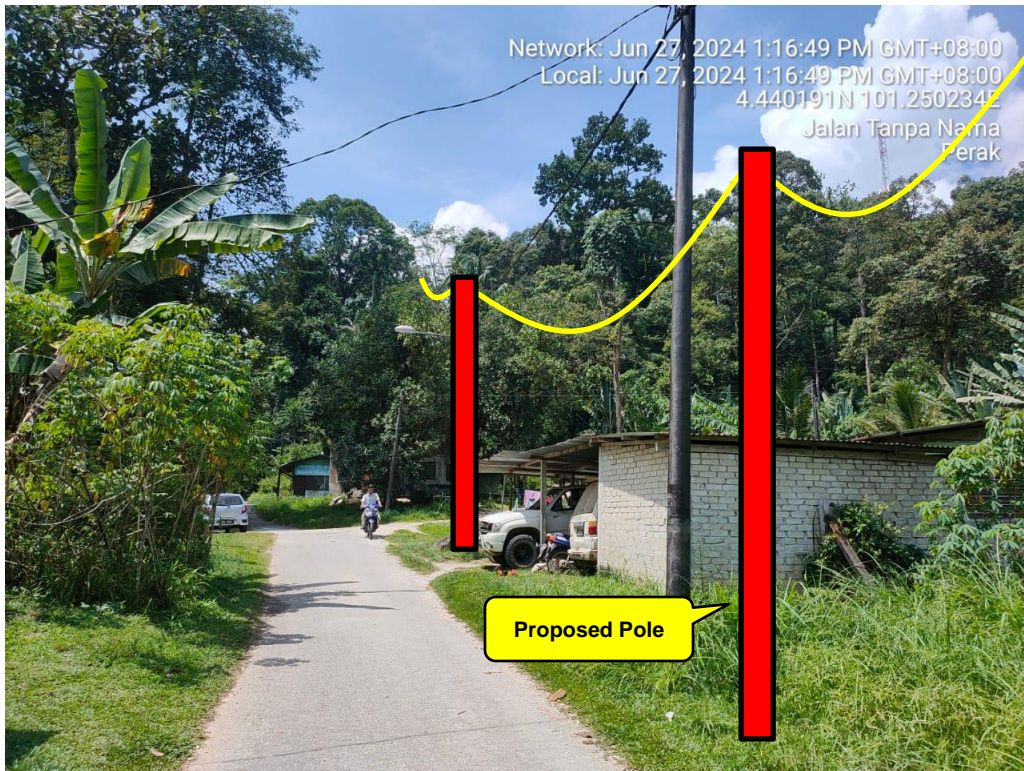


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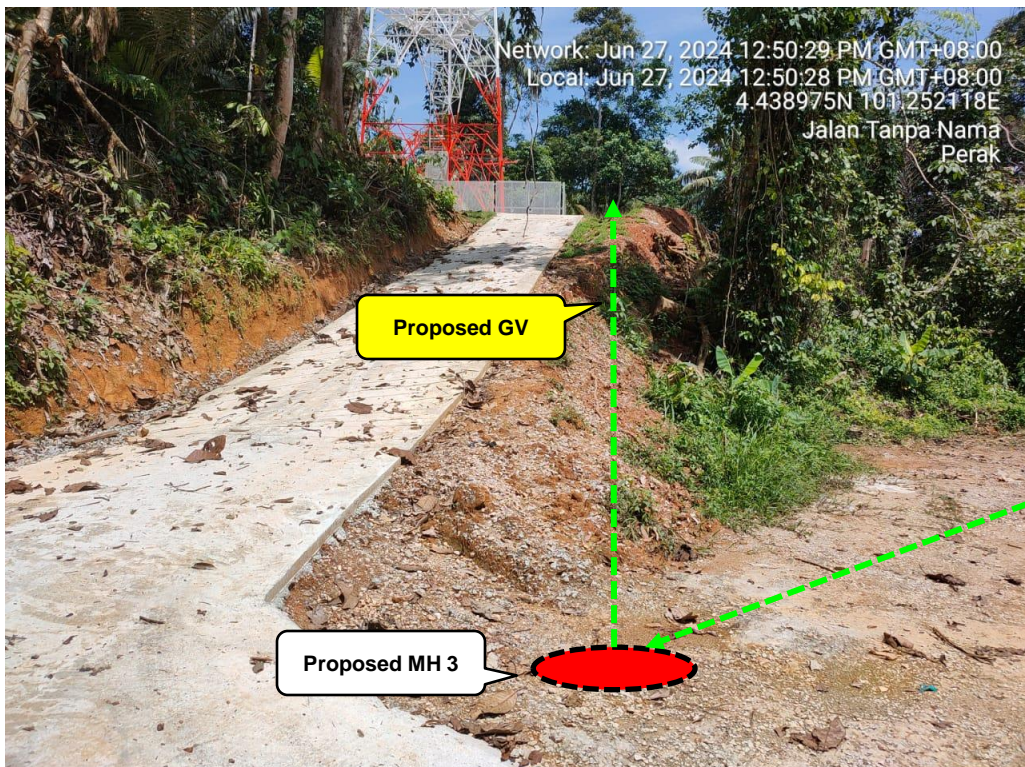
Section 4: OSP Snapshot for new route



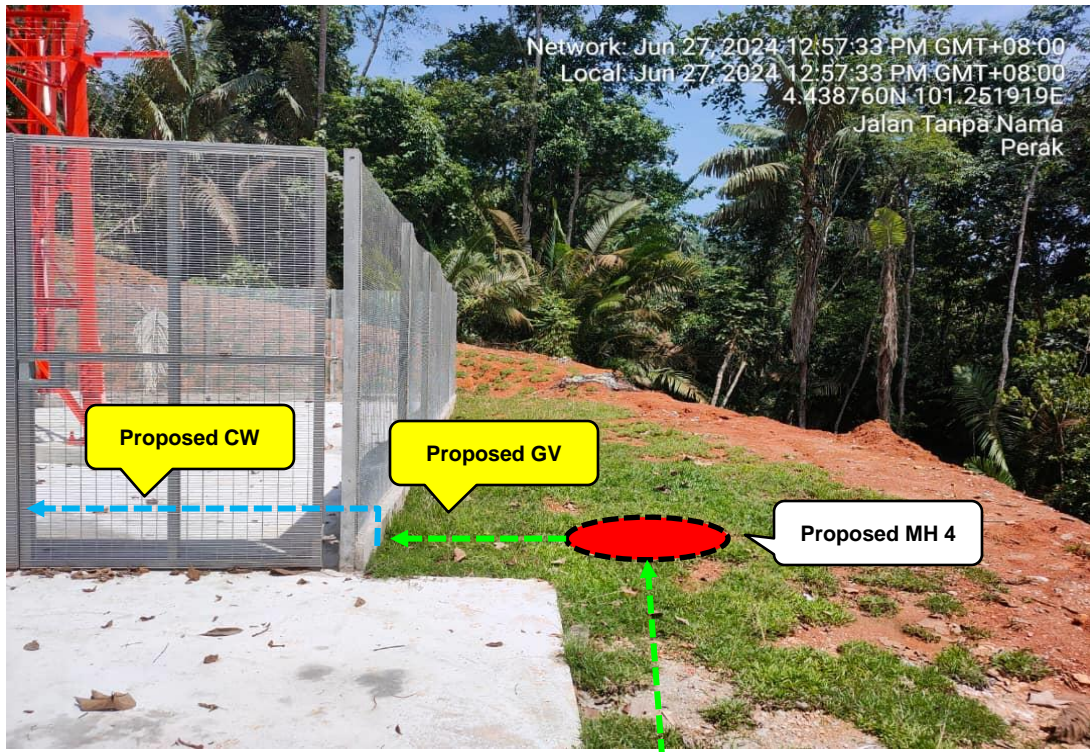
Section 4: OSP Snapshot for new route



Section 4: OSP Snapshot for new route



Section 4: OSP Snapshot for new route



Remark : Cabin not installed yet



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Section 5: 3rd Party Dependency Listing

Owner :

Latitude : 4.438663°

Longitude : 101.251940°

