



MUSTIKA TERATAI SDN BHD
 No.27-01, Jalan Harmoni 3/8
 Taman Desa Harmoni, 81100 Johor Bahru,
 Johor Darul Takzim
 Tel : 07 - 3576715
 Email : mtsbjb@yahoo.com



DIGI TELECOMMUNICATION SDN BHD
 LOT 10, JALAN DELIMA 1/1,
 SUBANG HI-TECH INDUSTRIAL PARK,
 40000 SHAH ALAM, SELANGOR

TECHNICAL PROPOSAL (OSP)



Site A
4023R Kg. Kejau
 LATITUDE : 4.077878°
 LONGTITUDE : 101.433788°

Site B
4414A Sungkai Land – Tapping EX MH
Celcom
 LATITUDE : 3.998144°
 LONGTITUDE : 101.311034°

CIVIL INFRASTRUCTURE

Project Name : Jendela 2022
 Region : Northern
 Site/Link name: Kg. Kejau – Sungkai Land
 Unique Link ID : 22-0404BD
 Site Address A : 4023R Kg. Kejau
 Site Address B : 4414A Sungkai Land – Tapping EX MH Celcom
 Survey Date : 04/09/2024



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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 : 4023R Kg. Kejau
 Location B : 4414A Sungkai Land – Tapping EX MH Celcom

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		20,700	Meter
a.	Horizontal Directional Drill (HDD)	20,470	Meter
b.	Carriage Way Open Trenching (CW)	15	Meter
c.	Grass Verge Open Trenching (GV)	15	Meter
d.	Micro Trenching (MT)		Meter
e.	Propose Cable Ladder / Trunking		Meter
f.	Other / GI Riser / Pipe Jacking	200	Meter
g.	Existing Cable ladder (In Cabin)		
h.	Cable Pulling		Meter
i.	Aerial Cable		Meter
No. of proposed Manhole / Joint Box / JC9		81	each
No. of Proposed Pole			each
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	3.998144°, 101.311034°
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 different with planner proposed route.



Section 3 : OSP Routing Plan

PROPOSED MANHOLE AND POLE COORDINATE		
MANHOLE/POLE NUMBER	LATITUDE	LONGTITUDE
Cabin Kg Kejau (4023R)	4.077878°	101.433788°
MH 1	4.077911°	101.433800°
MH 2	4.077671°	101.434024°
MH 3	4.076177°	101.433080°
MH 4	4.074720°	101.432092°
MH 5	4.072492°	101.431997°
MH 6	4.071514°	101.432103°
MH 7	4.069891°	101.431828°
MH 8	4.068418°	101.430875°
MH 9	4.065376°	101.427308°
MH 10	4.065123°	101.426225°
MH 11	4.064433°	101.425319°
MH 12	4.063194°	101.424167°
MH 13	4.059616°	101.424415°
MH 14	4.056425°	101.423067°
MH 15	4.053848°	101.421558°
MH 16	4.052585°	101.419588°
MH 17	4.051099°	101.418914°
MH 18	4.050121°	101.418721°
MH 19	4.048301°	101.414396°



Section 3 : OSP Routing Plan

PROPOSED MANHOLE AND POLE COORDINATE		
MANHOLE/POLE NUMBER	LATITUDE	LONGTITUDE
MH 20	4.047670°	101.414666°
MH 21	4.046389°	101.413977°
MH 22	4.045911°	101.413105°
MH 23	4.044173°	101.412012°
MH 24	4.042352°	101.411450°
MH 25	4.038688°	101.412301°
MH 26	4.037539°	101.410516°
MH 27	4.036422°	101.409338°
MH 28	4.033352°	101.408375°
MH 29	4.029833°	101.404848°
MH 30	4.029582°	101.404111°
MH 31	4.030628°	101.402266°
MH 32	4.030616°	101.399247°
MH 33	4.030692°	101.395863°
MH 34	4.032955°	101.389029°
MH 35	4.033364°	101.390731°
MH 36	4.030181°	101.383669°



Section 3 : OSP Routing Plan

PROPOSED MANHOLE AND POLE COORDINATE		
MANHOLE/POLE NUMBER	LATITUDE	LONGTITUDE
MH 37	4.030495°	101.378092°
MH 38	4.030593°	101.385945°
MH 39	4.032367°	101.375609°
MH 40	4.030970°	101.376660°
MH 41	4.031725°	101.373276°
MH 42	4.032644°	101.374481°
MH 43	4.030058°	101.403454°
MH 44	4.031012°	101.372334°
MH 45	4.031569°	101.370342°
MH 46	4.031259°	101.371392°
MH 47	4.031395°	101.369210°
MH 48	4.027940°	101.367395°
MH 49	4.025148°	101.366064°
MH 50	4.024387°	101.365201°
MH 51	4.021916°	101.362383°
MH 52	4.022994°	101.363607°
MH 53	4.020538°	101.360800°



Section 3 : OSP Routing Plan

PROPOSED MANHOLE AND POLE COORDINATE		
MANHOLE/POLE NUMBER	LATITUDE	LONGTITUDE
MH 54	4.019182°	101.358598°
MH 55	4.016433°	101.353631°
MH 56	4.019303°	101.356081°
MH 57	4.017867°	101.355191°
MH 58	4.014589°	101.352434°
MH 59	4.011854°	101.351258°
MH 60	4.011305°	101.349119°
MH 61	4.011159°	101.347023°
MH 62	4.010957°	101.343975°
MH 63	4.009847°	101.340460°
MH 64	4.005711°	101.335850°
MH 65	4.007014°	101.336399°
MH 66	4.008748°	101.338774°
MH 67	4.010839°	101.342243°
MH 68	4.002993°	101.333447°
MH 69	4.001768°	101.328741°
MH 70	4.002494°	101.331236°



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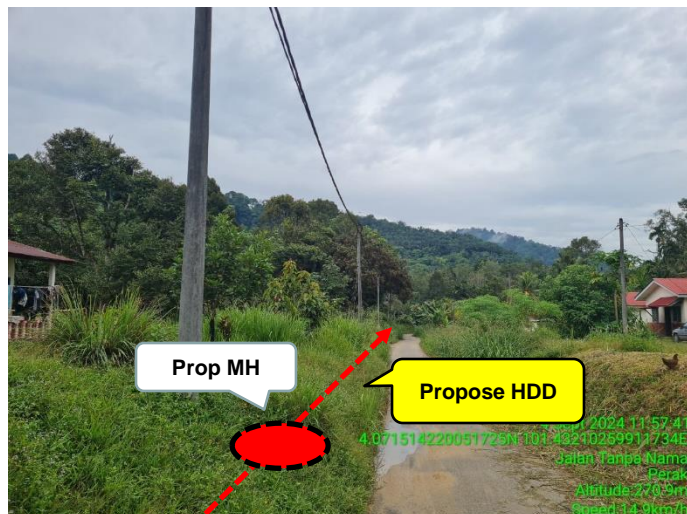
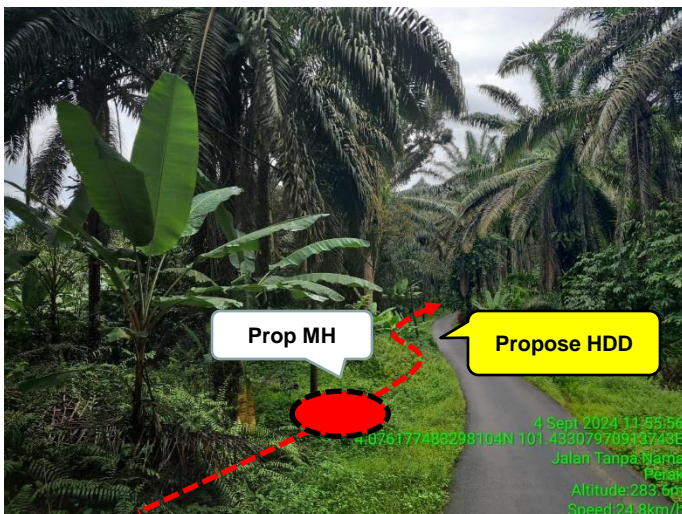
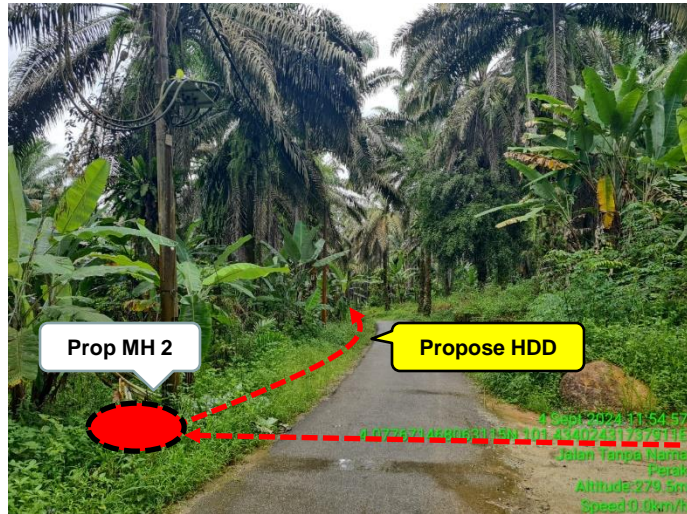
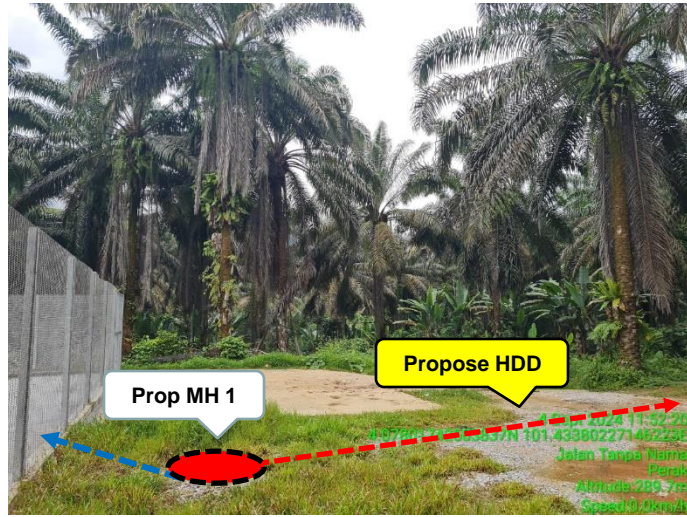
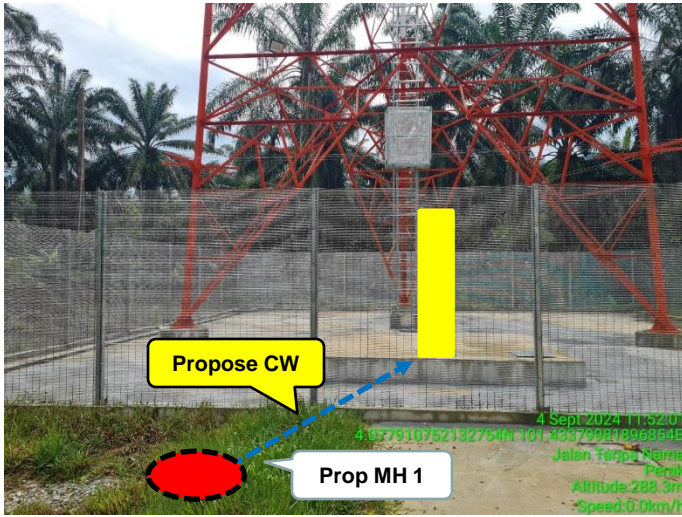


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PROPOSED MANHOLE AND POLE COORDINATE		
MANHOLE/POLE NUMBER	LATITUDE	LONGTITUDE
MH 71	4.001010°	101.325477°
MH 72	4.001265°	101.327550°
MH 73	4.001822°	101.323478°
MH 74	4.001013°	101.320445°
MH 75	3.998820°	101.318656°
MH 76	3.996967°	101.315573°
MH 77	3.996336°	101.311826°
MH 78	4.001901°	101.321496°
MH 79	3.997336°	101.316477°
MH 80	3.996520°	101.313225°
MH 81	3.995753°	101.311995°
EX MH CELCOM	3.998144°	101.311034°

Section 4: OSP Snapshot for new route



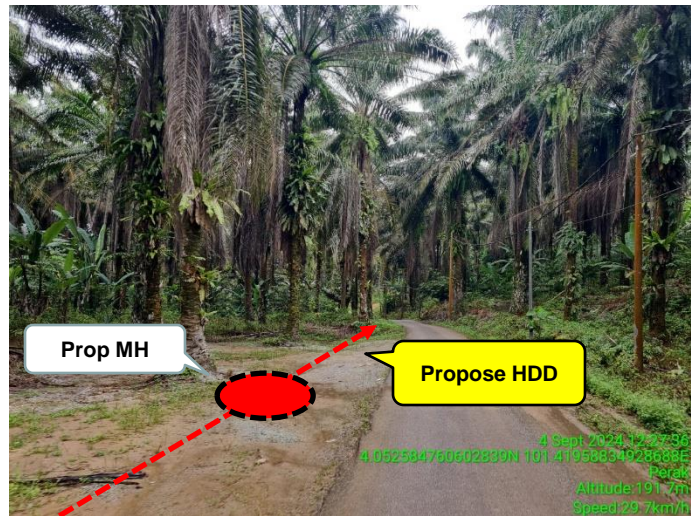
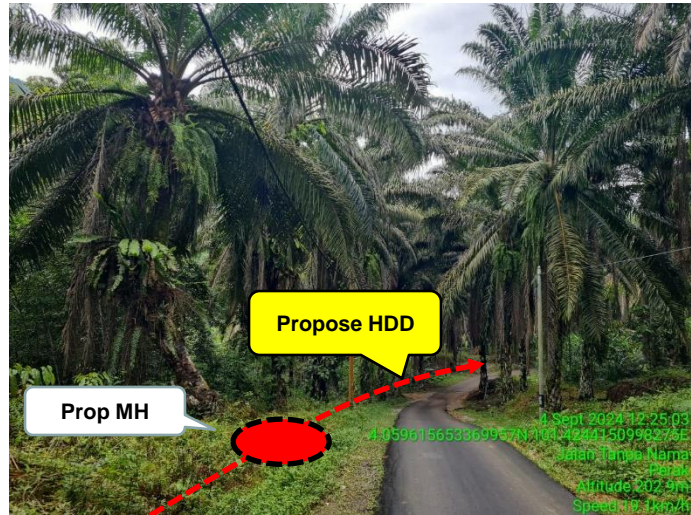
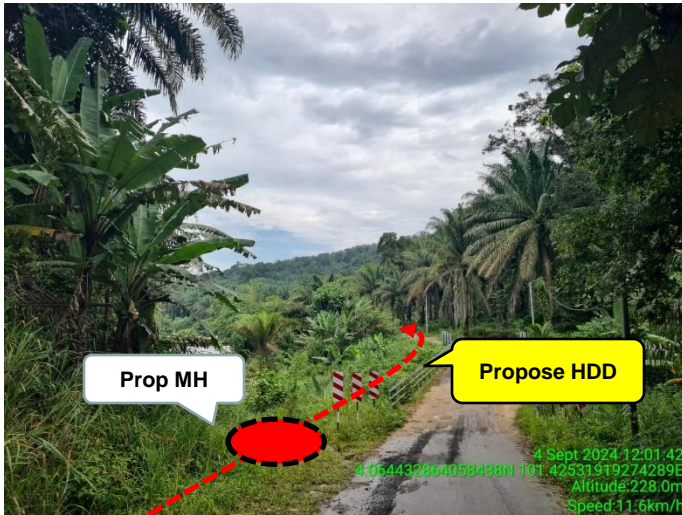
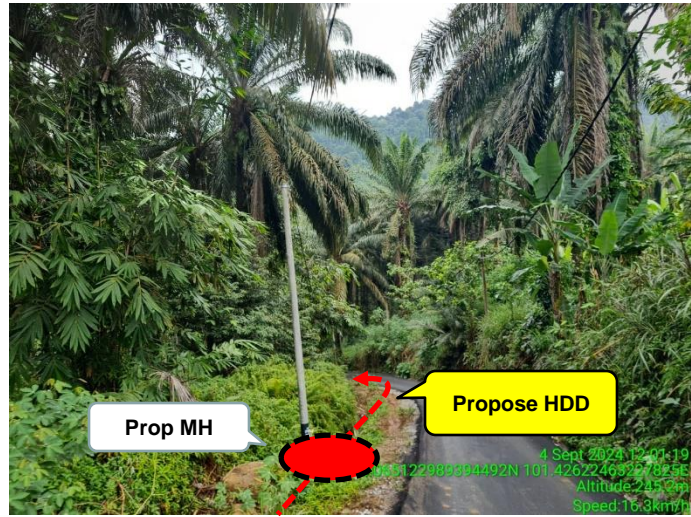


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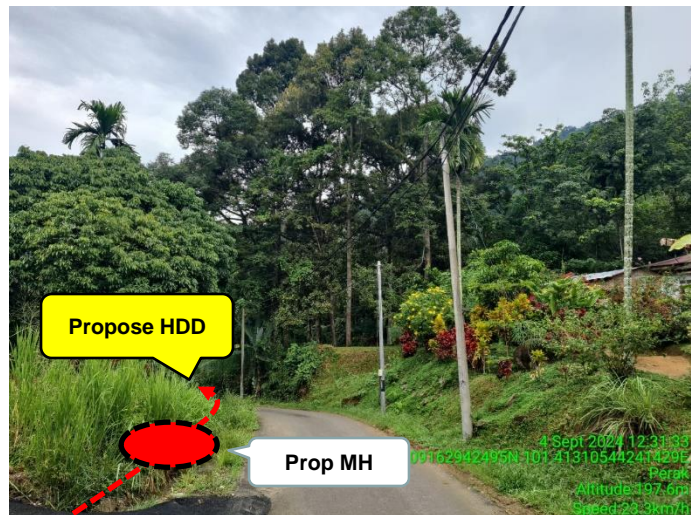
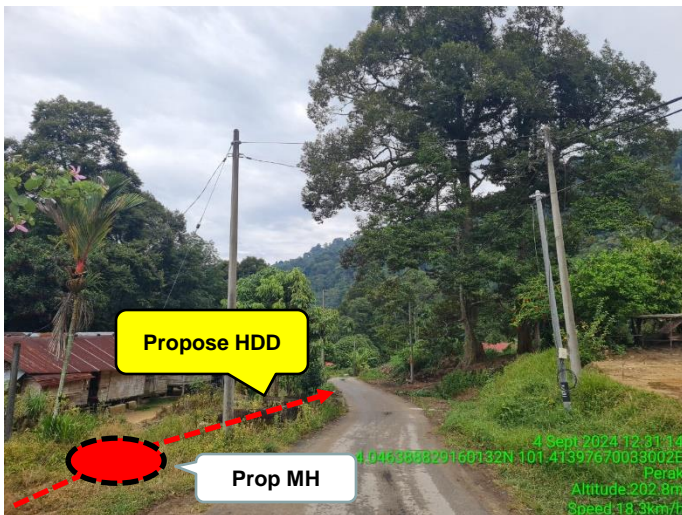
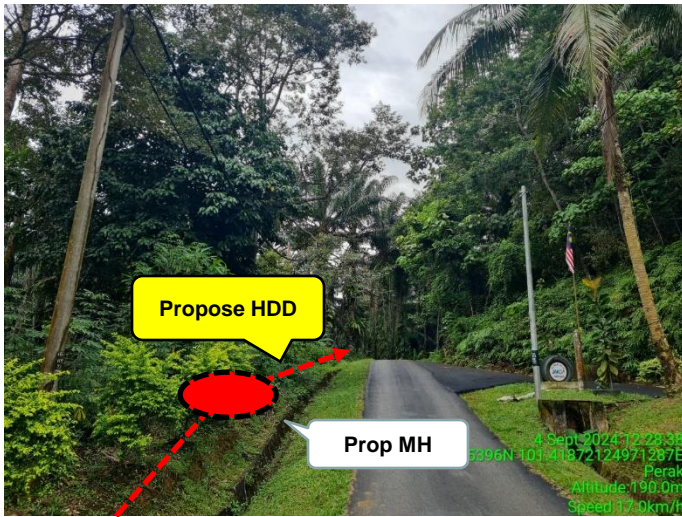


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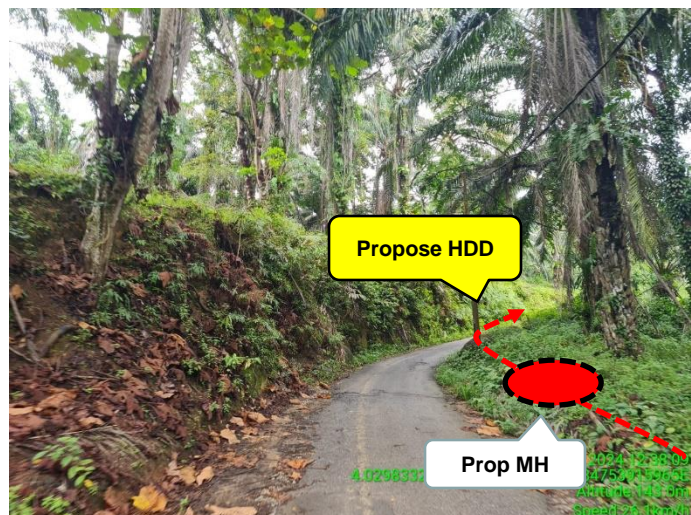
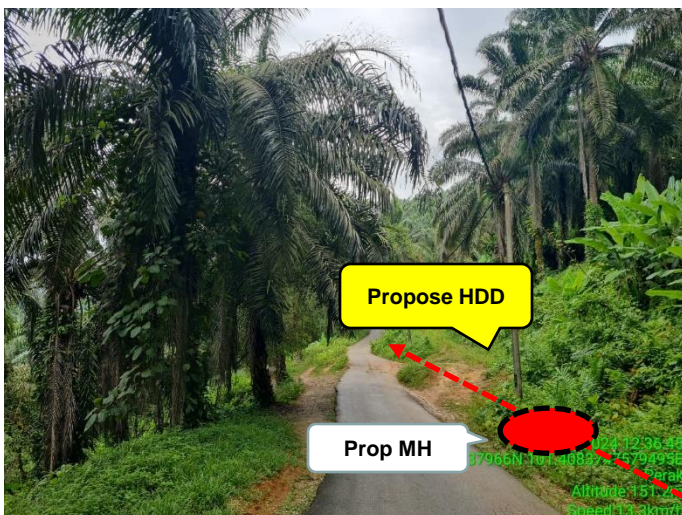
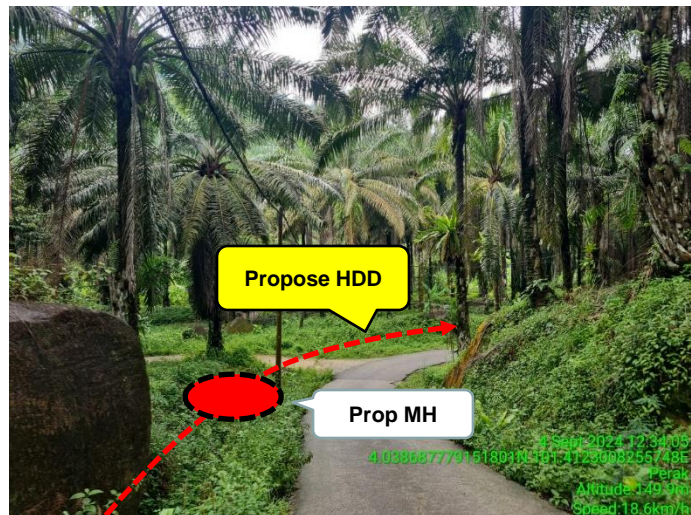
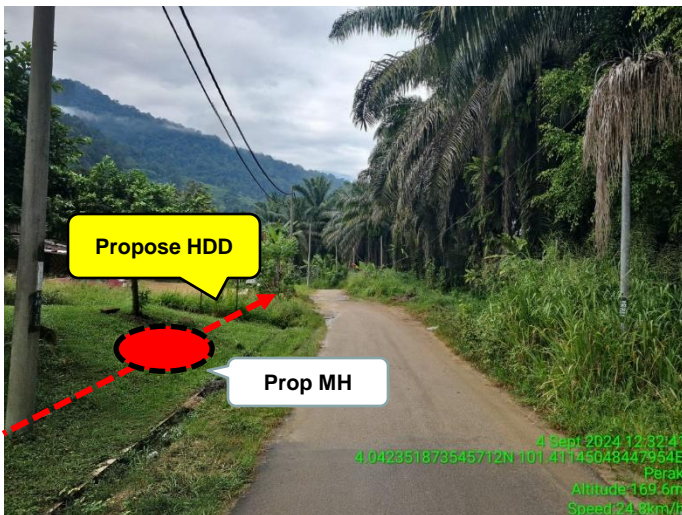
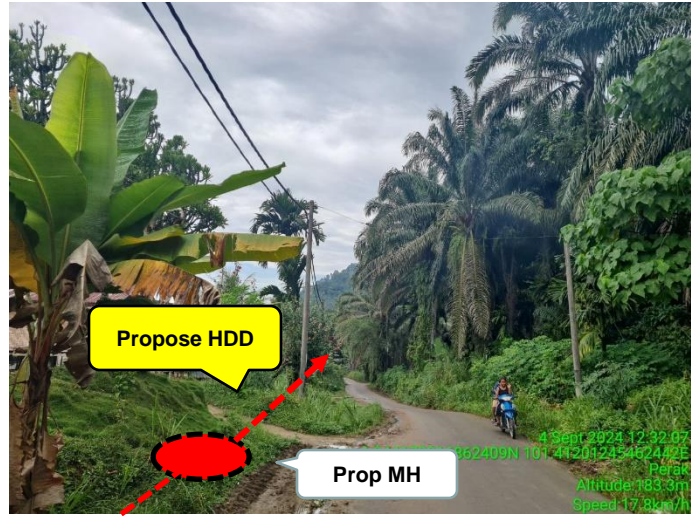
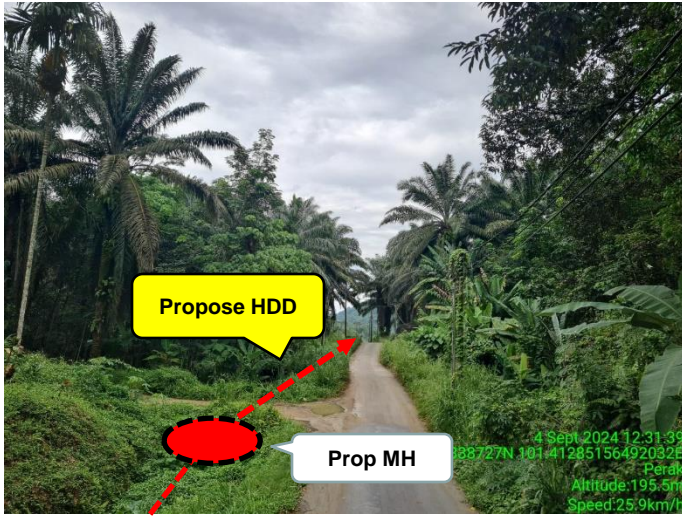


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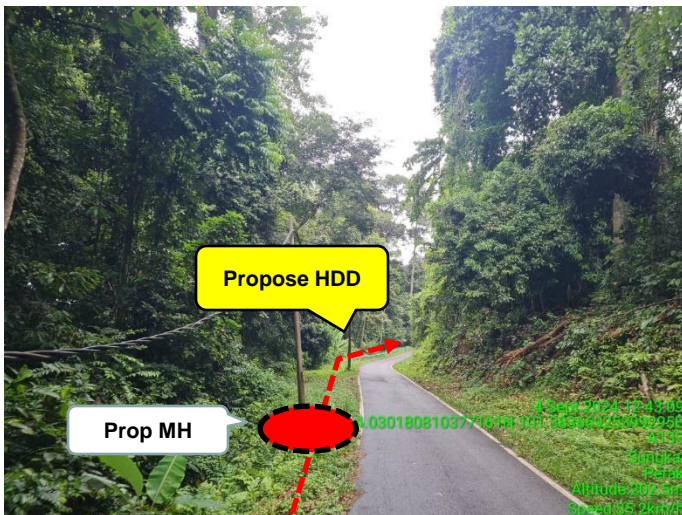
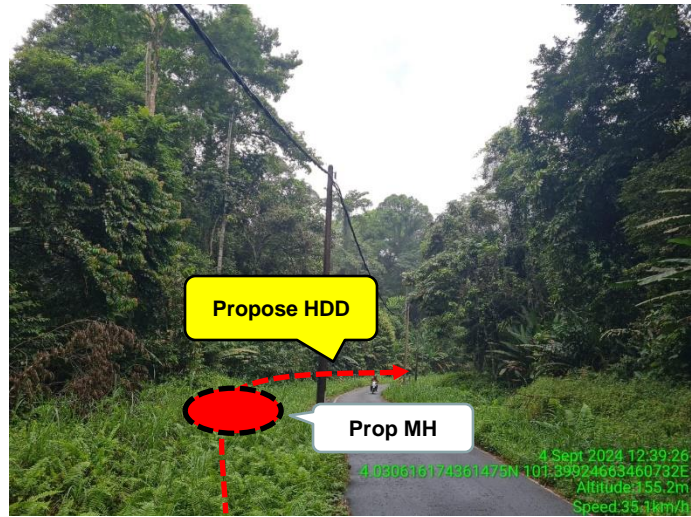
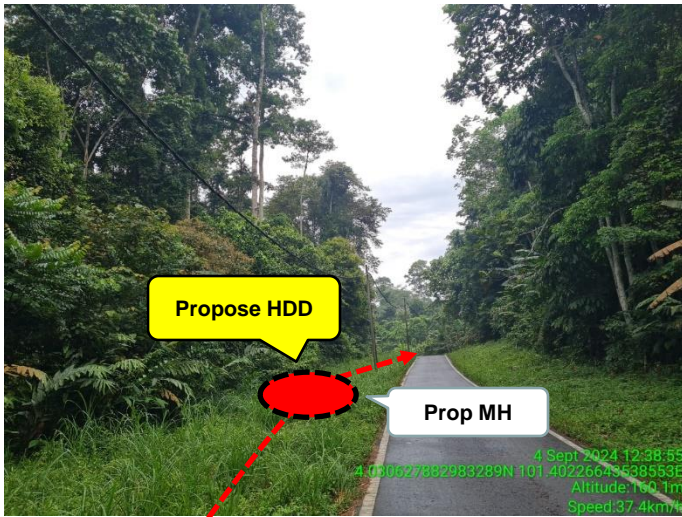
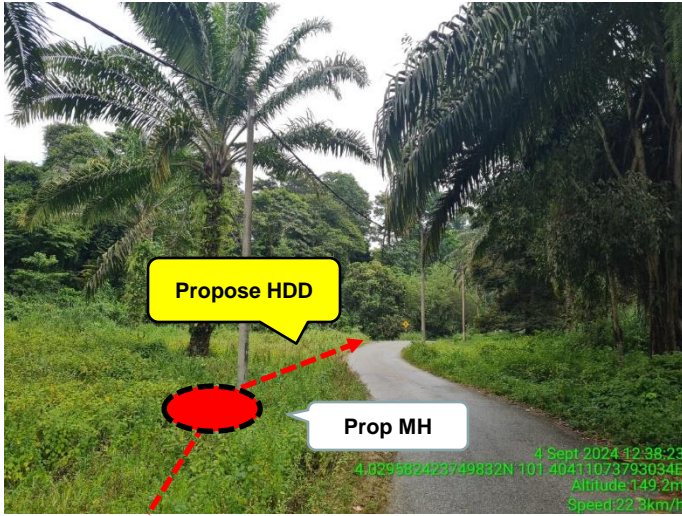


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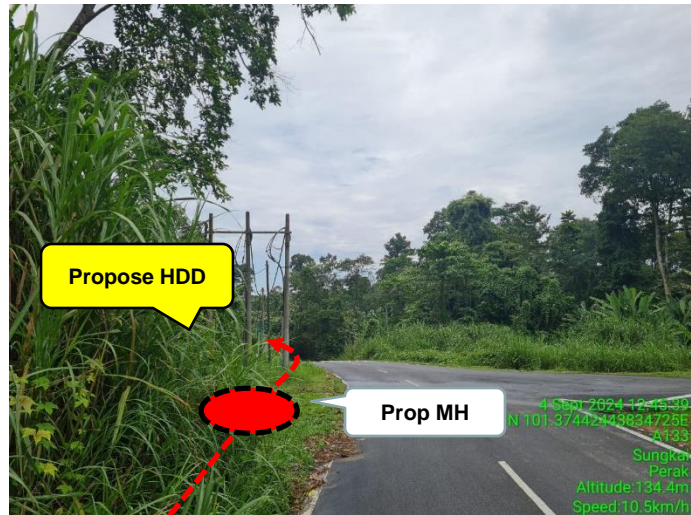
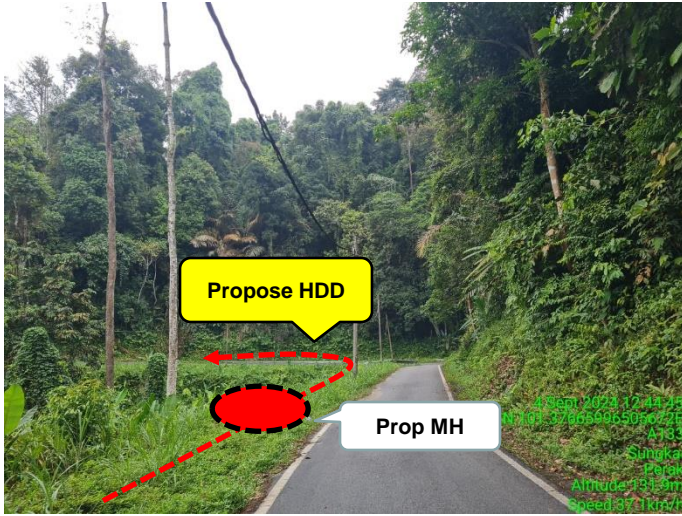


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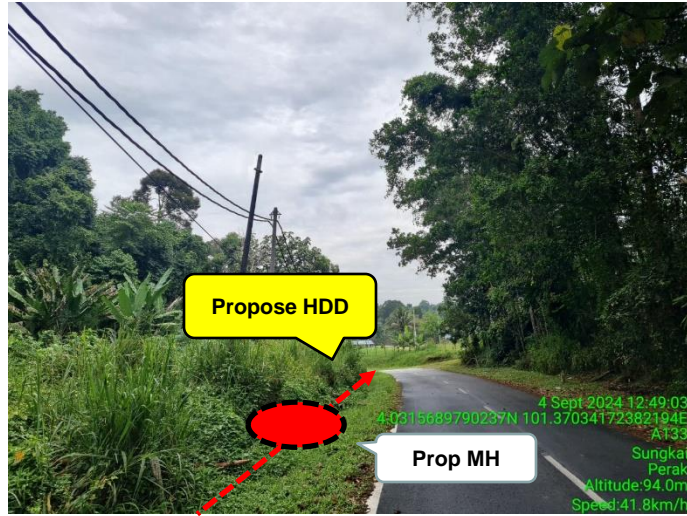
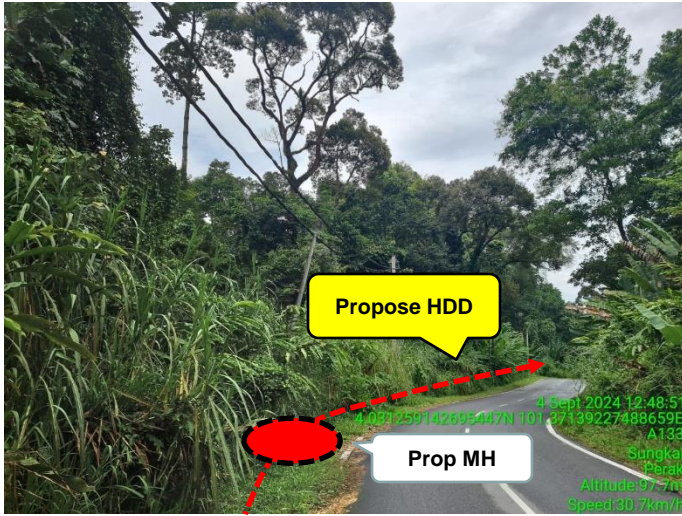


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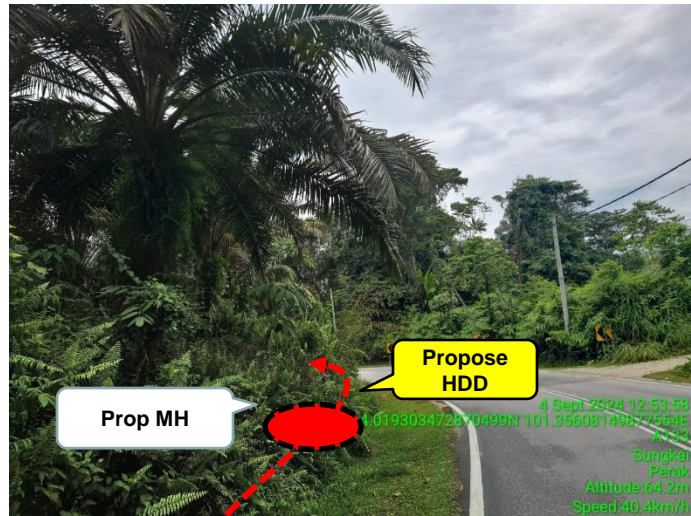
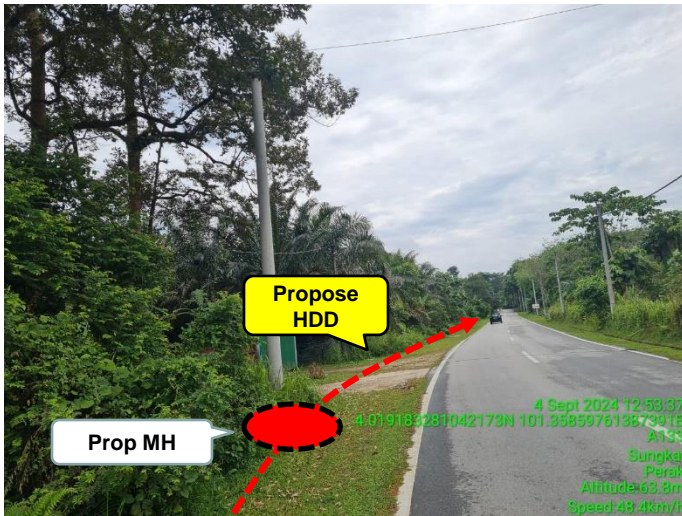
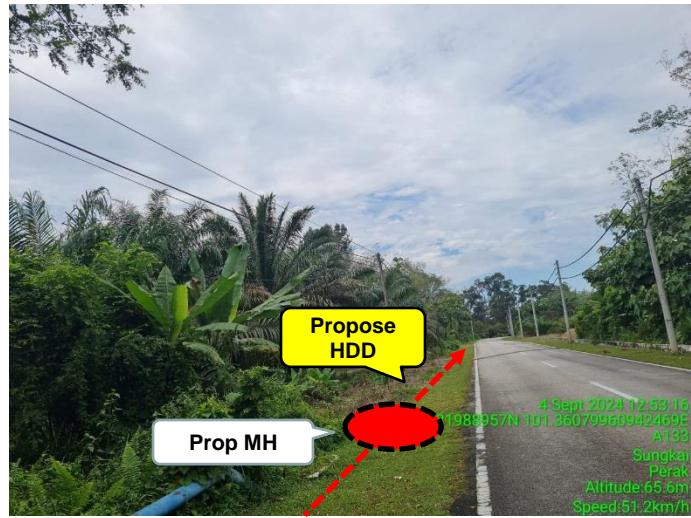
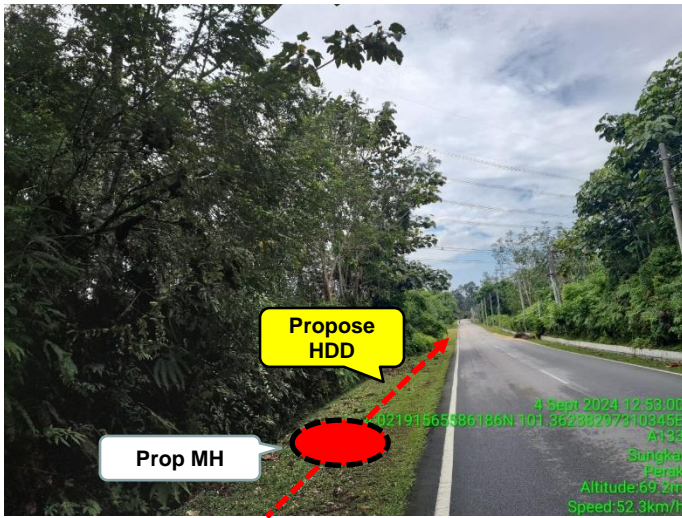
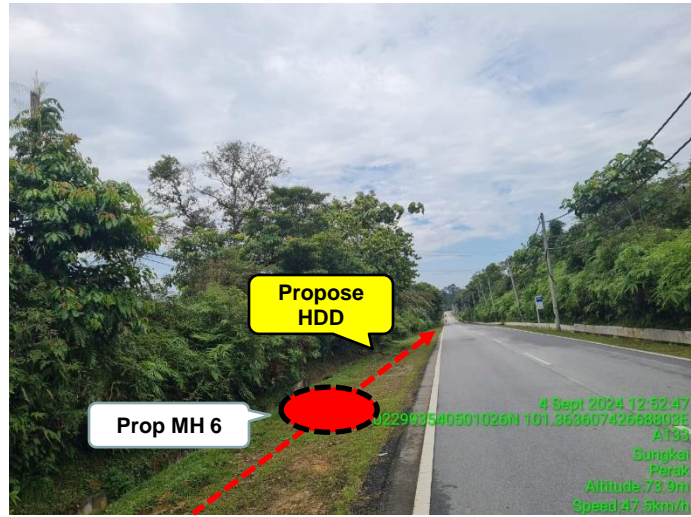
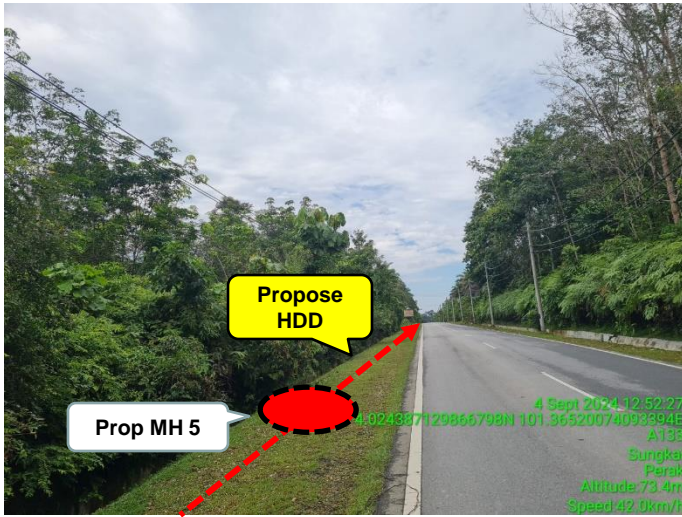


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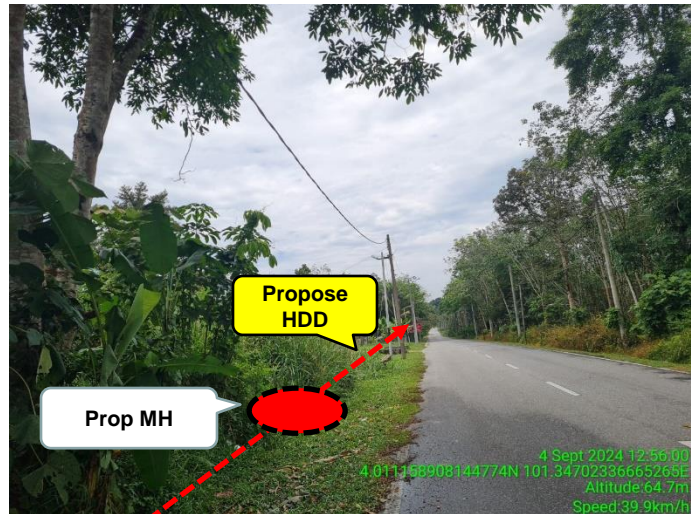
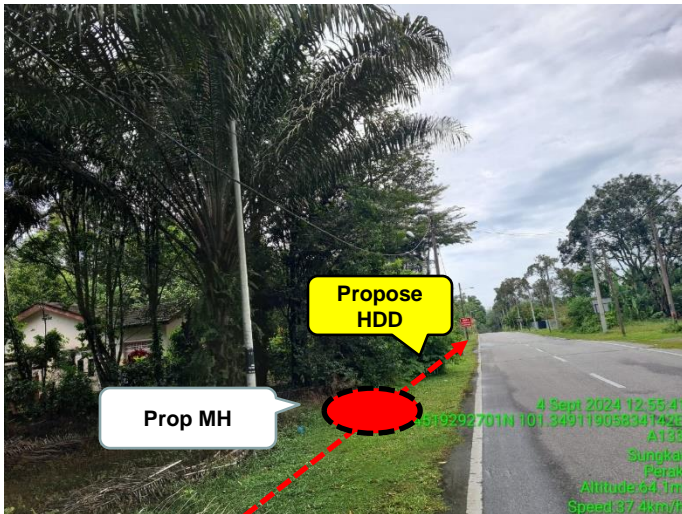
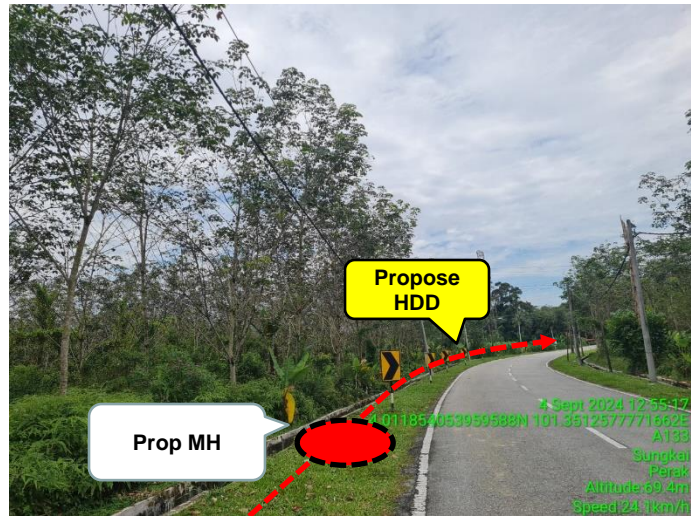
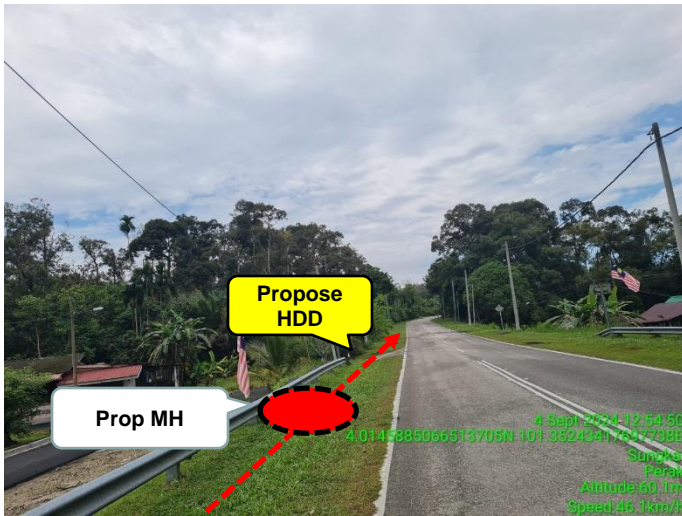
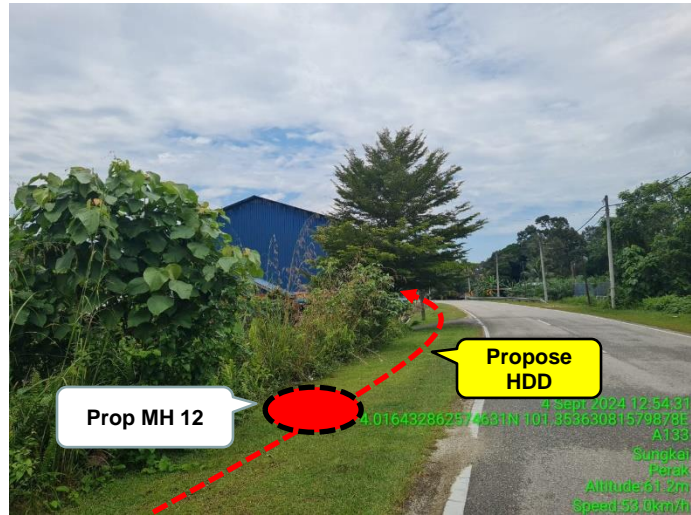
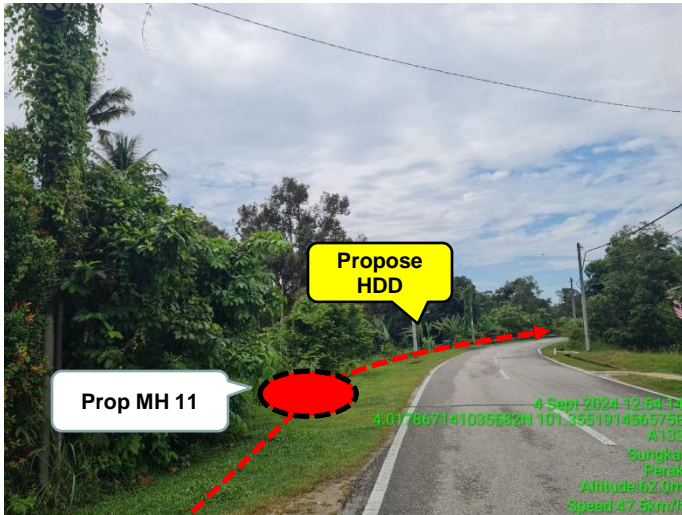


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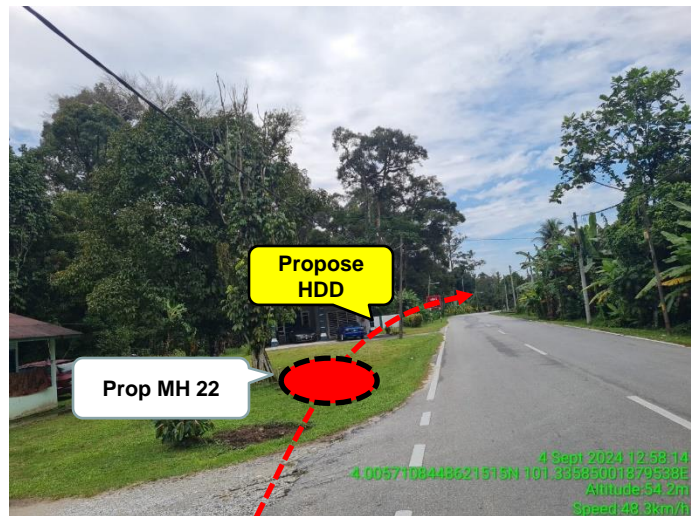
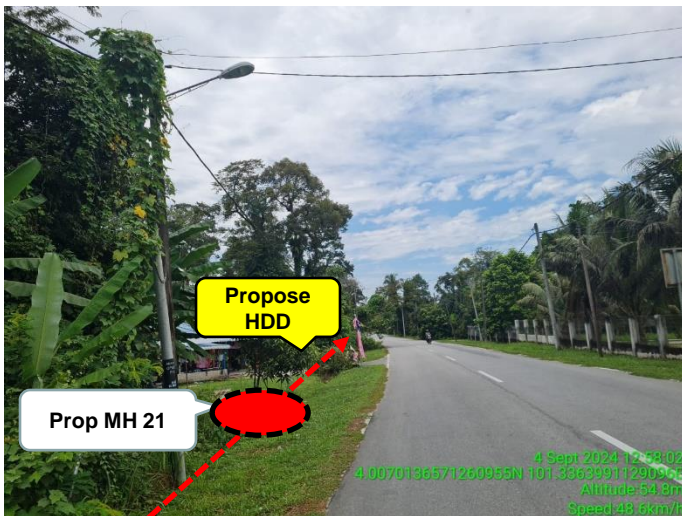
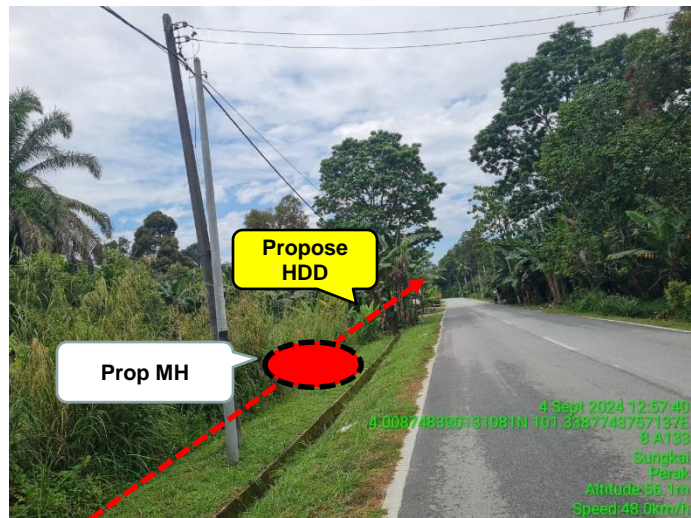
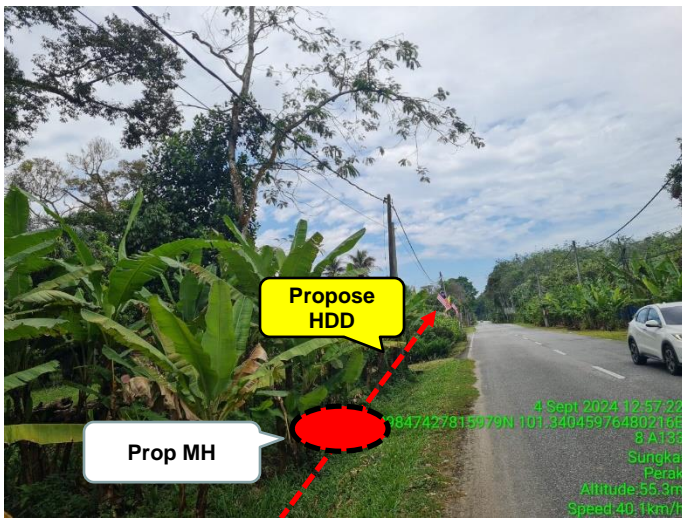
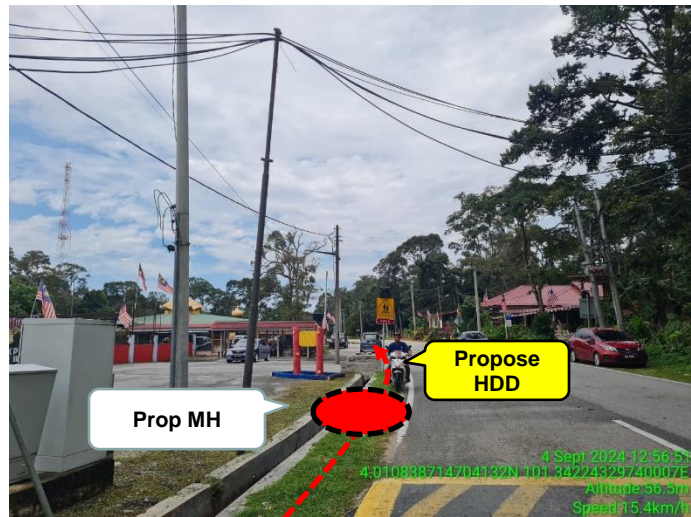
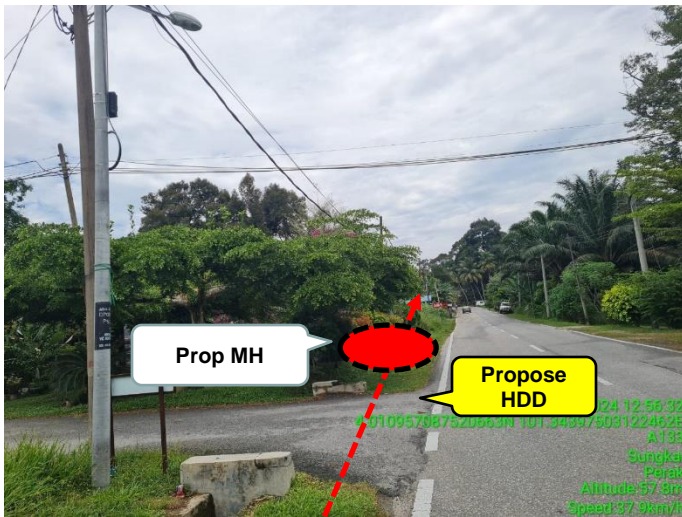


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Section 4: OSP Snapshot for new route



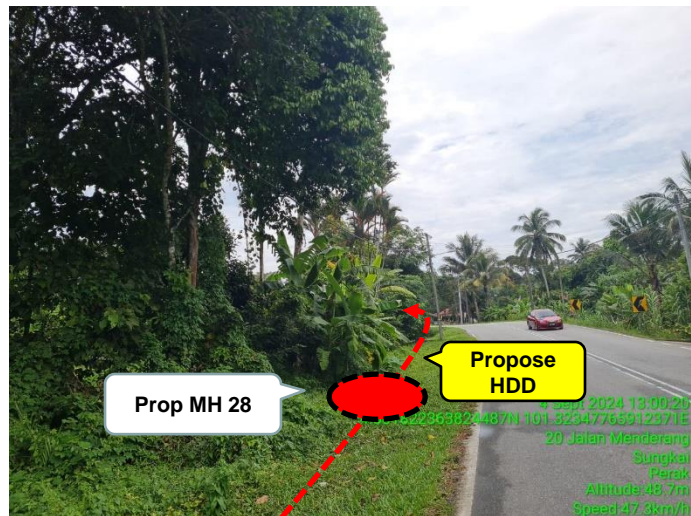
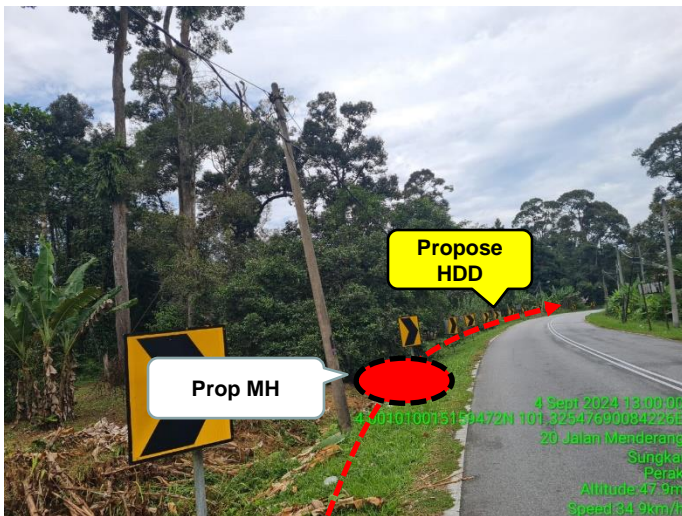
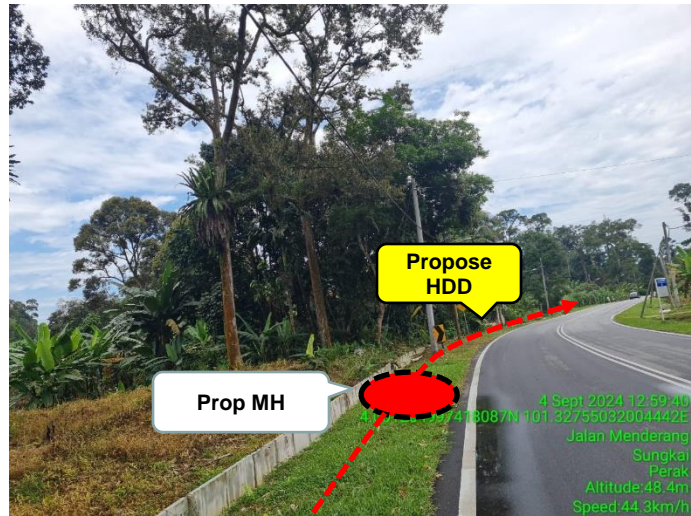
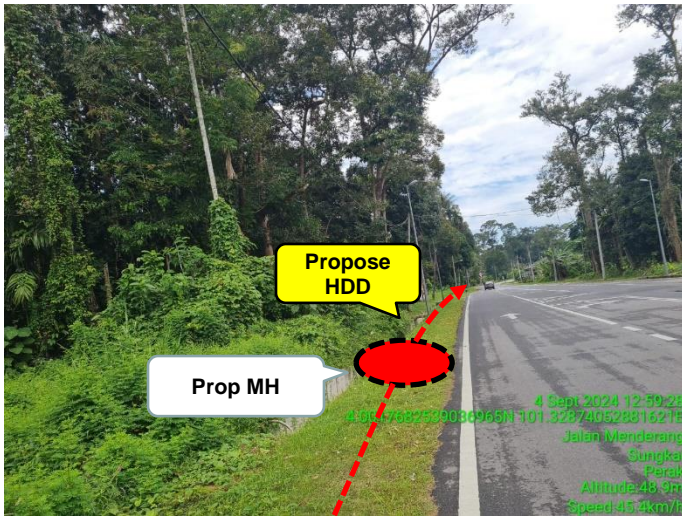
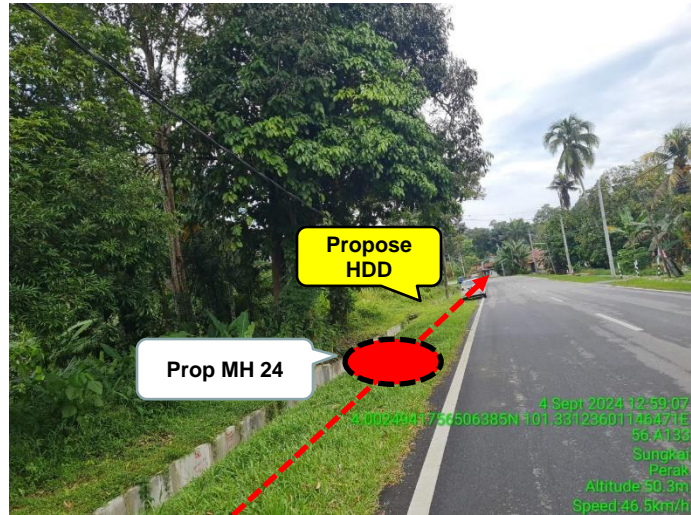
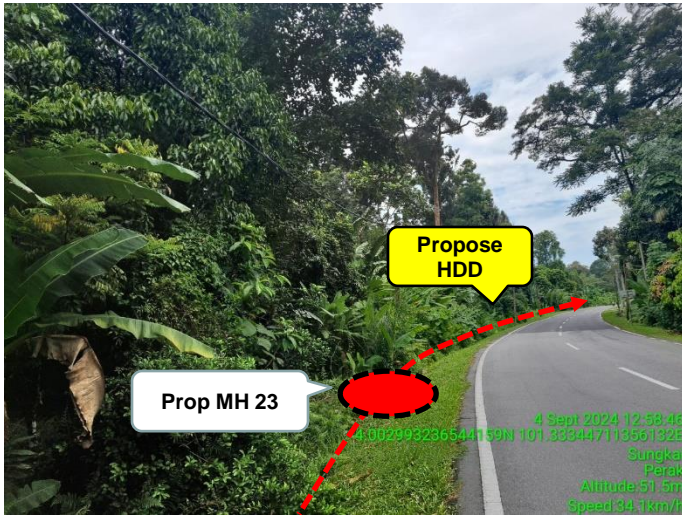


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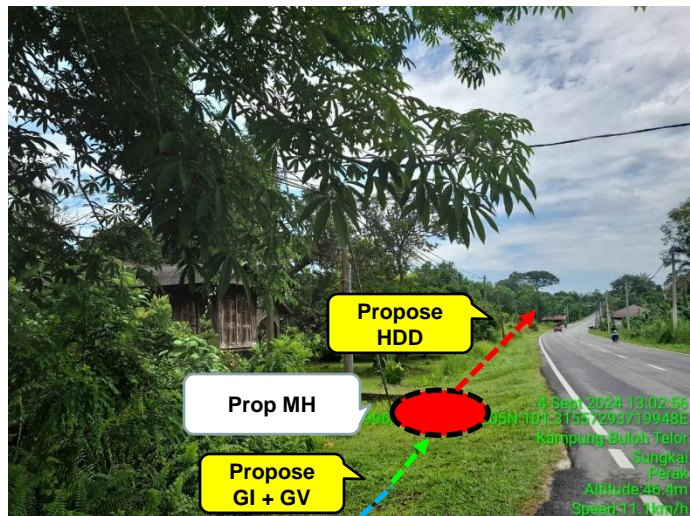
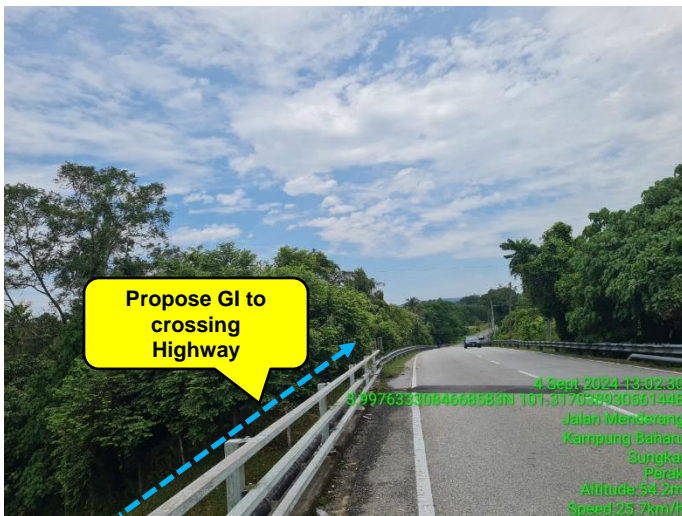
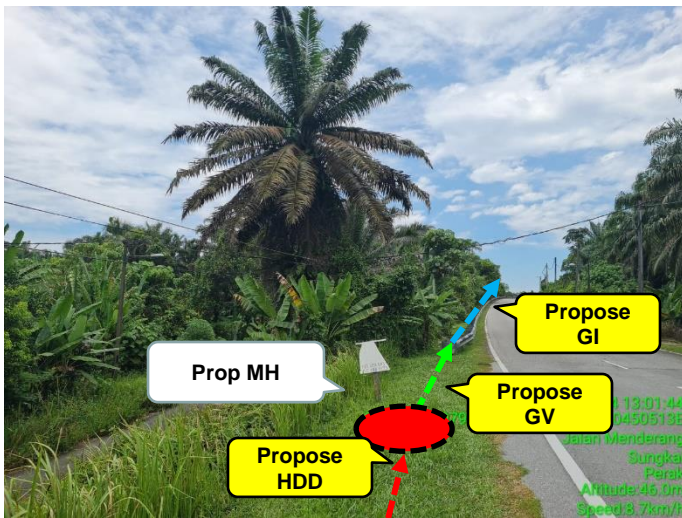
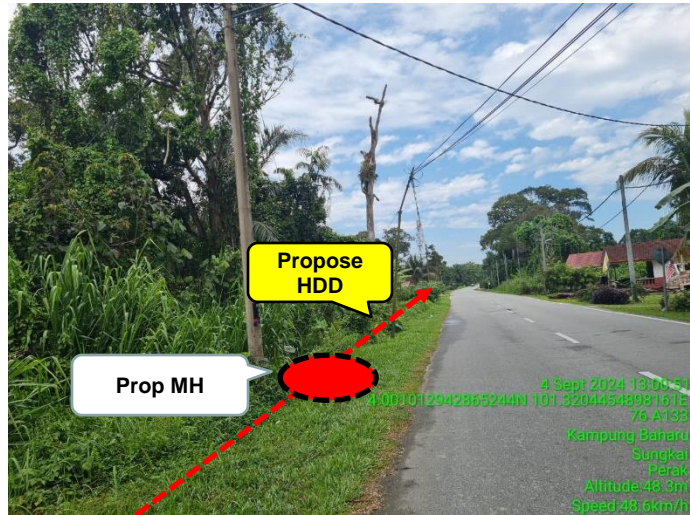
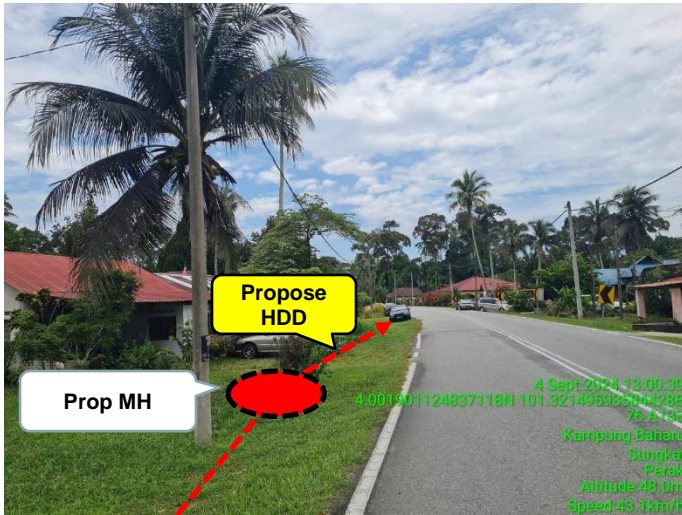
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Section 4: OSP Snapshot for new route





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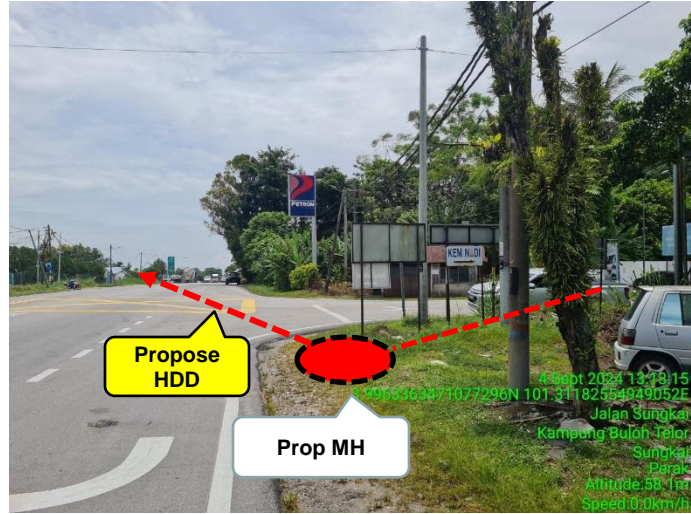
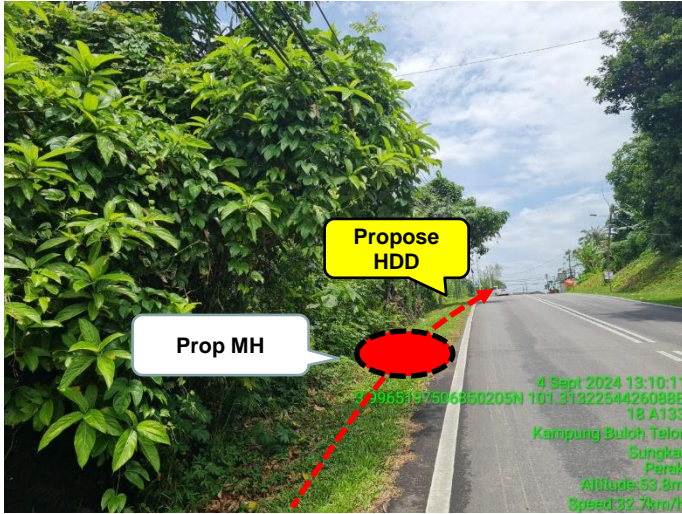


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Section 5: 3rd Party Dependency Listing

Owner :

Latitude : 4.077878°

Longitude : 101.433788°

