



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

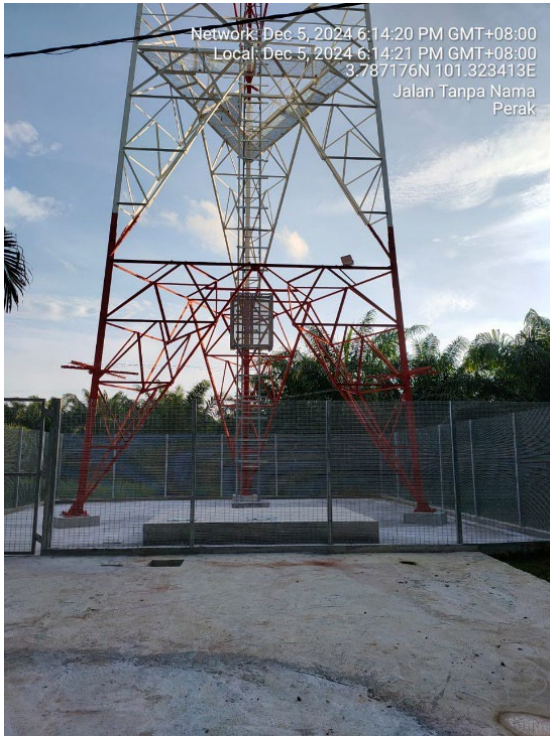


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DIGI TELECOMMUNICATION SDN BHD
 LOT 10, JALAN DELIMA 1/1,
 SUBANG HI-TECH INDUSTRIAL PARK,
 40000 SHAH ALAM, SELANGOR

TECHNICAL PROPOSAL (OSP)

v1.0



Site A
4193R KOA Changkat Ramu
 LATITUDE : 3.787095°
 LONGTITUDE : 101.323449°



Site B
**4730A Behrang (Trunk) – Tapping Ex
Celcom Pole**
 LATITUDE : 3.830185°
 LONGTITUDE : 101.300544°

CIVIL INFRASTRUCTURE

Project Name : Jendela 2022
 Region : Northern
 Site/Link name : KOA Changkat Ramu - Behrang (Trunk)
 Unique Link ID : 22-0403BD
 Site Address A : 4193R KOA Changkat Ramu
 Site Address B : 4730A Behrang (Trunk) – Tapping Ex Celcom Pole
 Survey Date : 05/12/2024



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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 : 4193R KOA Changkat Ramu
 Location B : 4730A Behrang (Trunk) – Tapping Ex Celcom Pole

Contractor

Name : MUSTIKA TERATAI SDN BHD
 Signature :
 Check & Approved date :
 Submission Date :

DiGi Authorized Personnel

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



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Section 2: Work Package

Overall Proposed Civil Infrastructure Design Distance		8,400	Meter
a.	Horizontal Directional Drill (HDD)	810	Meter
b.	Carriage Way Open Trenching (CW)	20	Meter
c.	Grass Verge Open Trenching (GV)	7,570	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)		Meter
h.	Cable Pulling		Meter
i.	Pole / Overhead		Meter
No. of proposed Manhole / Joint Box / JC9		36	each
No. of Proposed Pole			each
Area of Milling work Required			
Estimated timeline required for job completion		30	days

Existing Infrastructure Information

Preceding Duct / SubDuct Space	
Preceding Duct/SubDuct Condition	
Existing / Tapping manhole/pole	3.830185°, 101.300544°
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

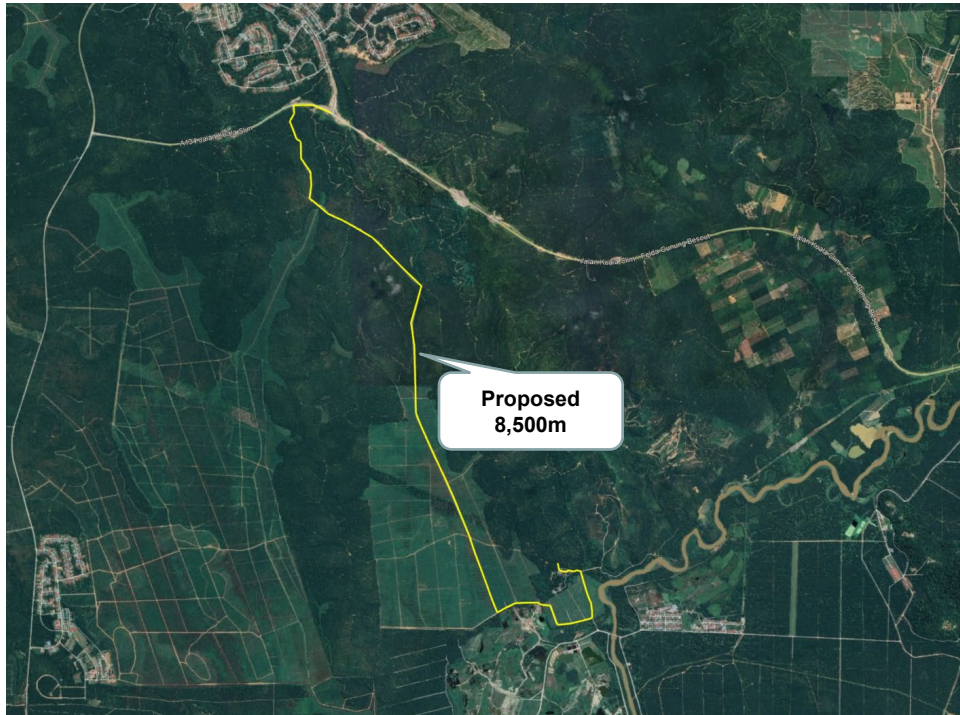
3rd parties Dependencies

Item	Parties involve and location
LA/LC	TBC
LLM / KTM / SBC etc.	No
Building Management / Land Lord	Landlord
Private Owners	No

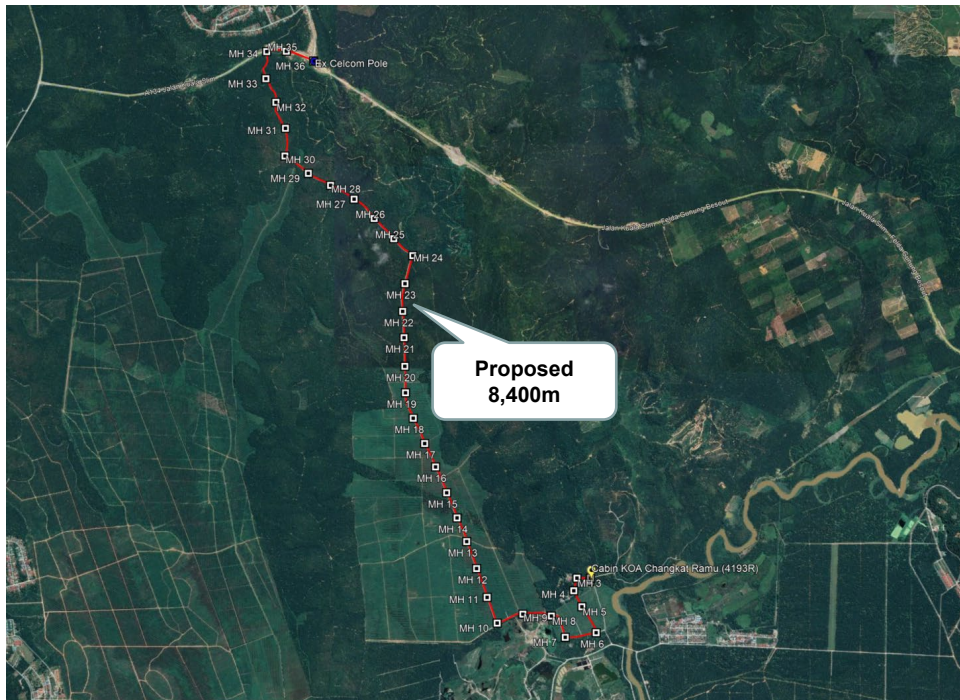
Other Highlights/Remark

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: Proposed KMZ is different than planner proposed route due to different route to cabin area as per surveyed on site



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Section 3 : OSP Routing Plan

PROPOSED MANHOLE/POLE COORDINATE		
MANHOLE/POLE NUMBER	LATITUDE	LONGTITUDE
MH 1	3.787164°	101.323380°
MH 2	3.787443°	101.323424°
MH 3	3.787440°	101.322304°
MH 4	3.786396°	101.322041°
MH 5	3.785072°	101.322712°
MH 6	3.782929°	101.323893°
MH 7	3.782547°	101.321335°
MH 8	3.784305°	101.320189°
MH 9	3.784461°	101.317825°
MH 10	3.783721°	101.315695°
MH 11	3.785848°	101.314863°
MH 12	3.788232°	101.313987°
MH 13	3.790464°	101.313169°
MH 14	3.792419°	101.312371°
MH 15	3.794497°	101.311510°
MH 16	3.796634°	101.310591°
MH 17	3.798570°	101.309688°
MH 18	3.800659°	101.308739°
MH 19	3.802765°	101.308098°
MH 20	3.804954°	101.308041°
MH 21	3.807320°	101.307978°
MH 22	3.809494°	101.307866°
MH 23	3.811787°	101.308056°
MH 24	3.814105°	101.308706°
MH 25	3.815506°	101.307131°



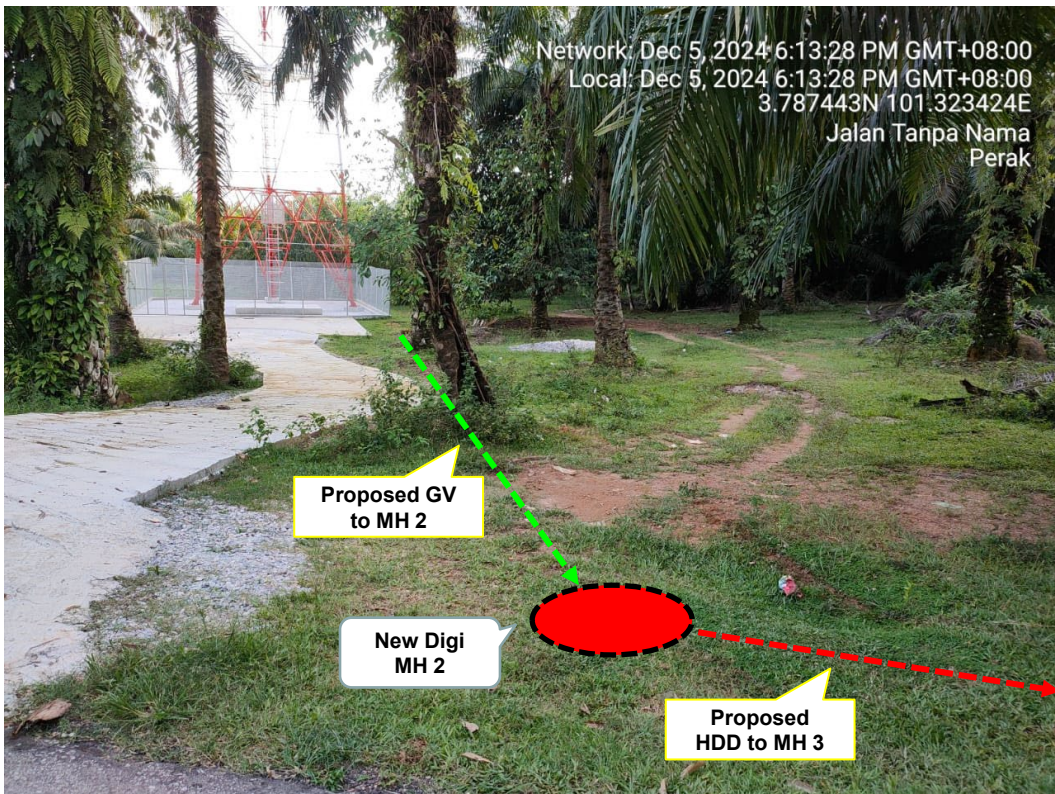
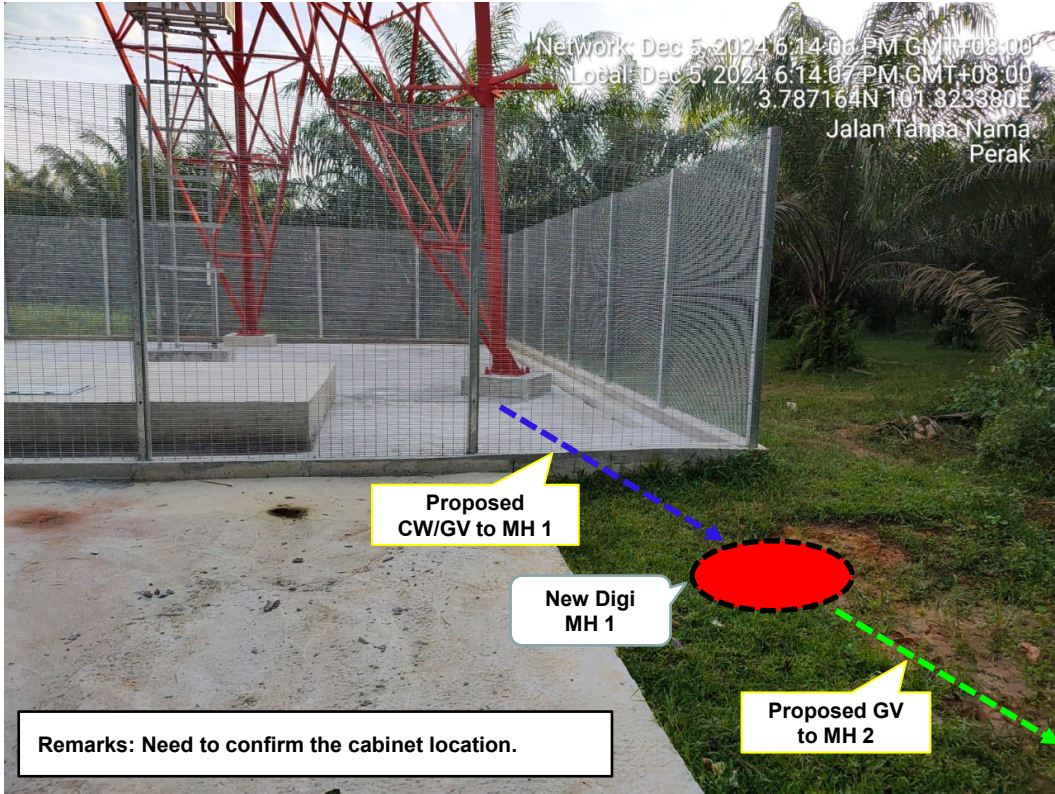
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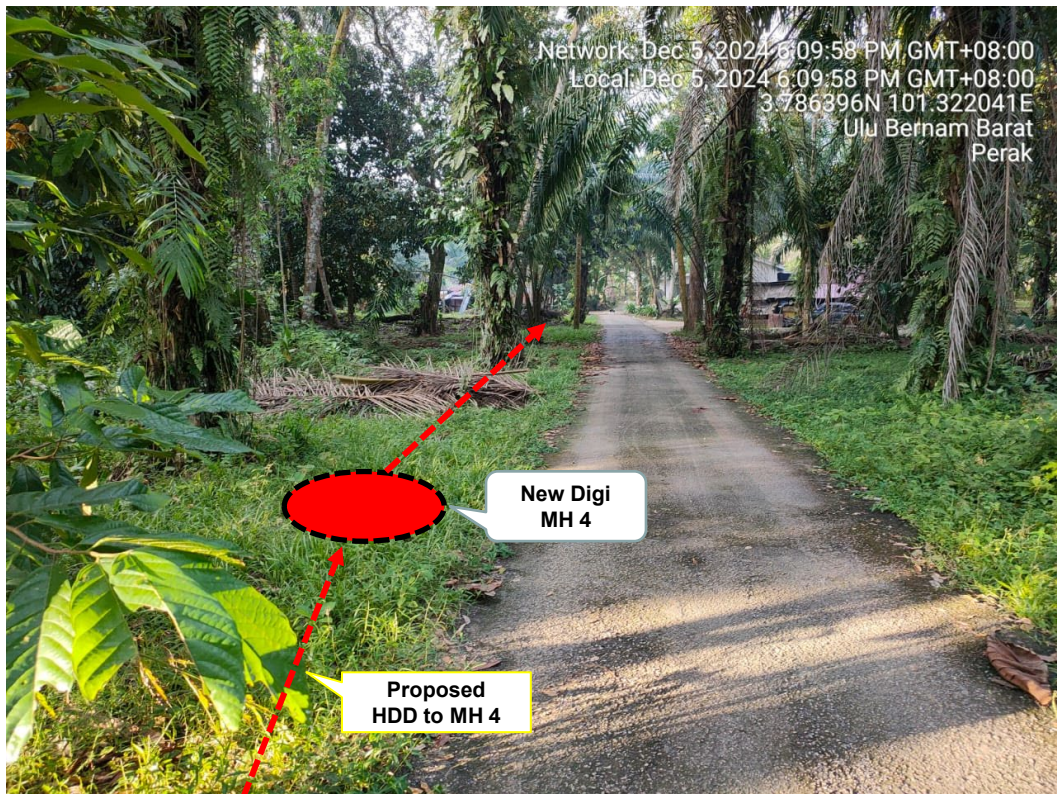
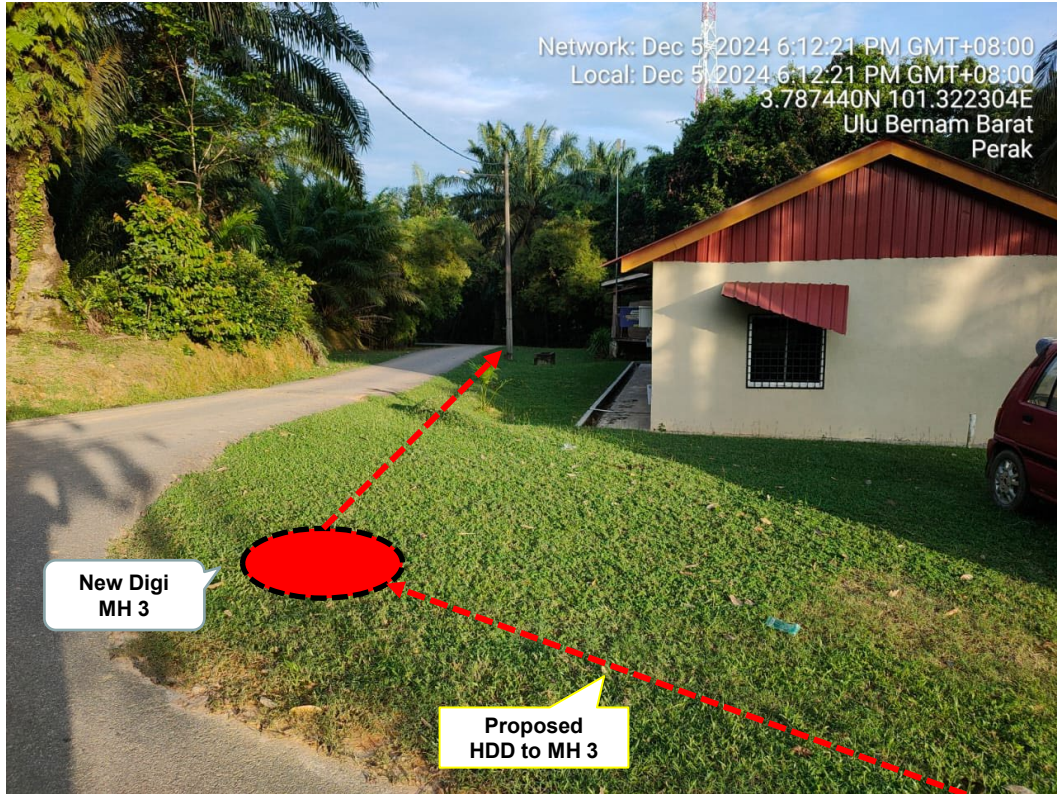
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Section 4: OSP Snapshot for new route



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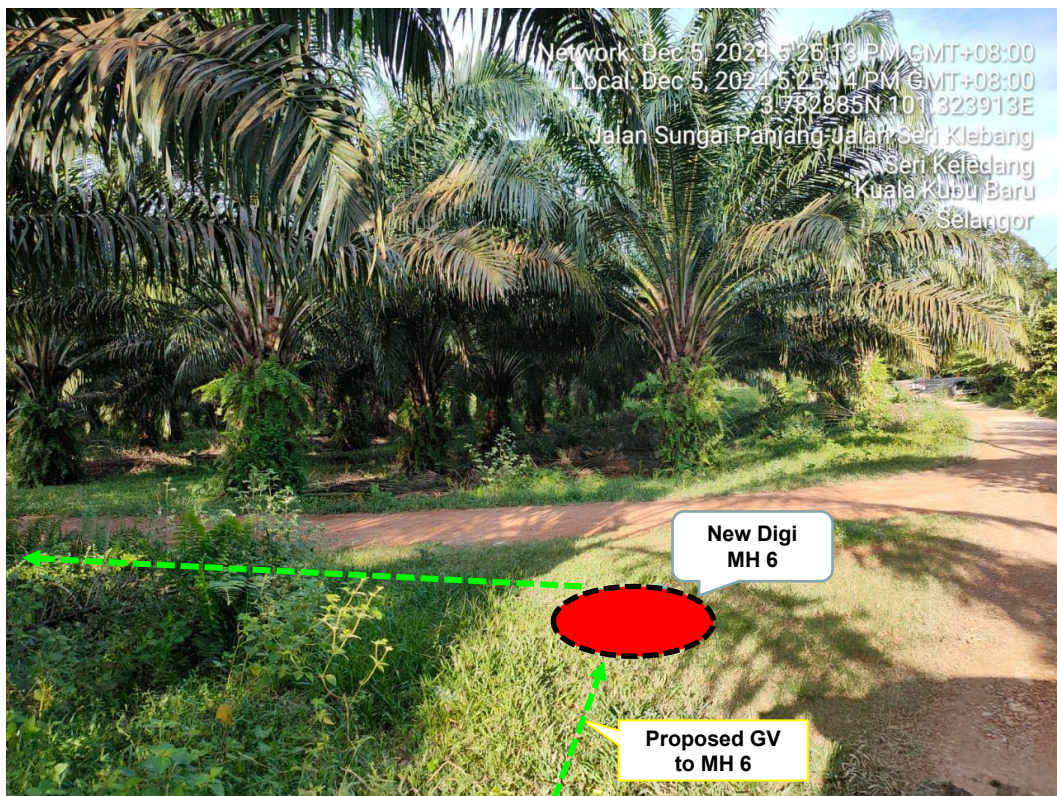
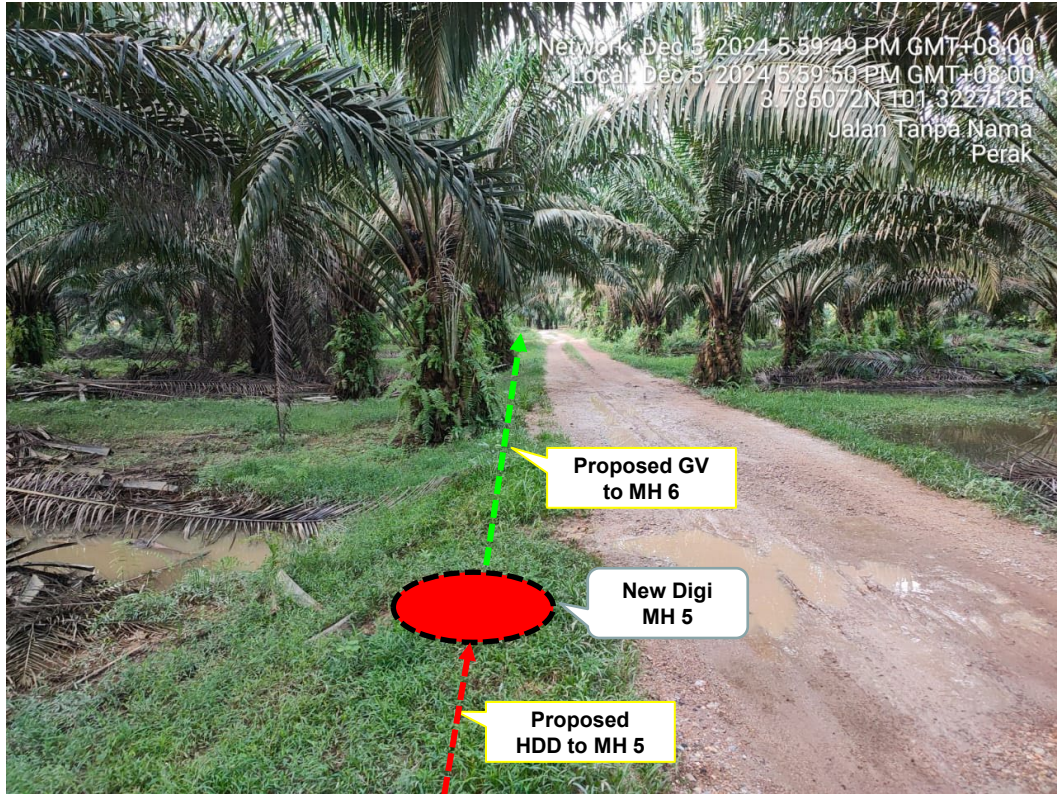
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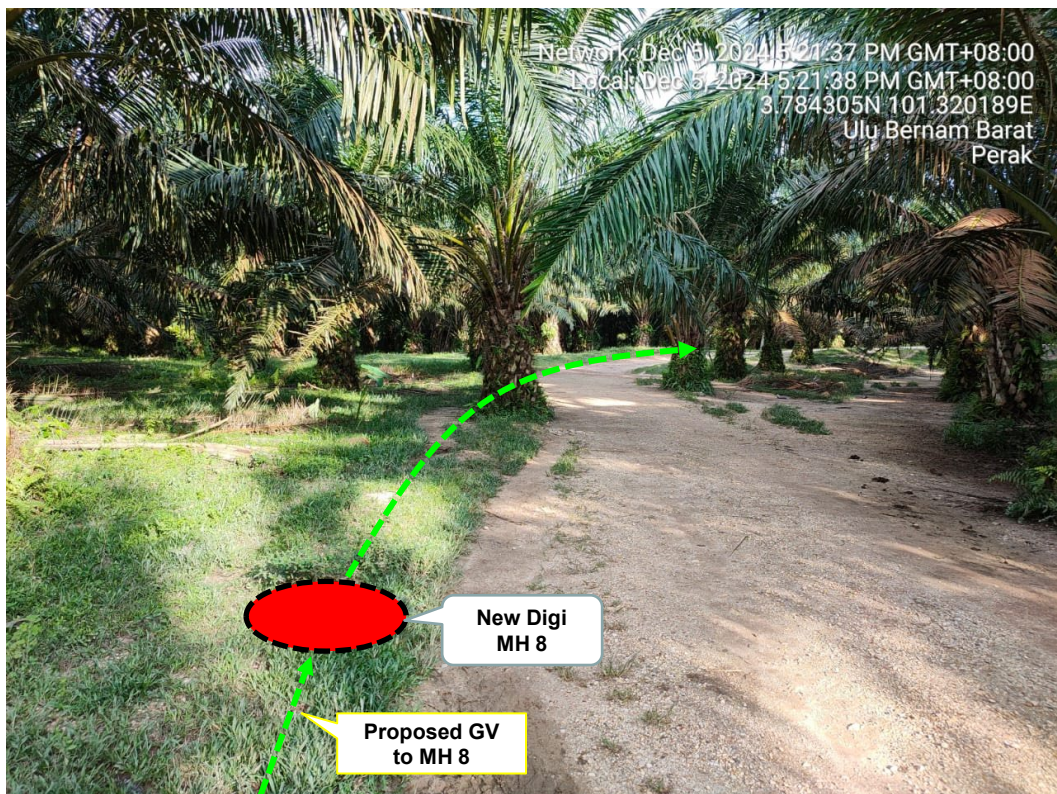
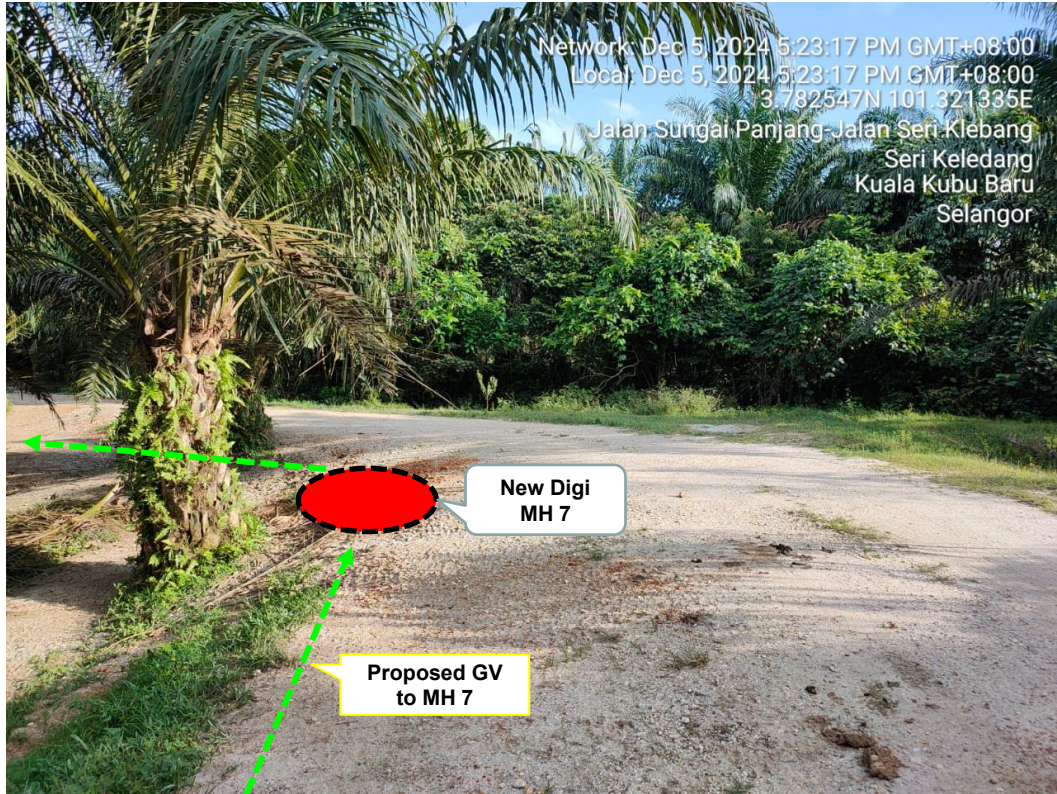
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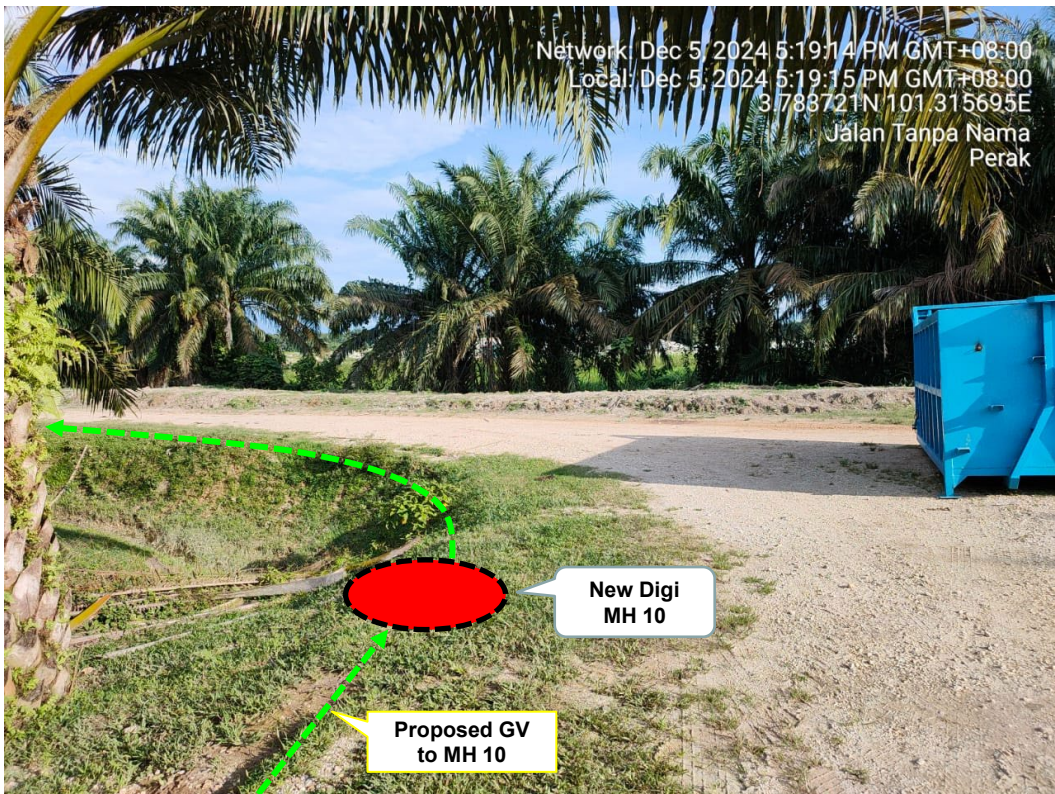
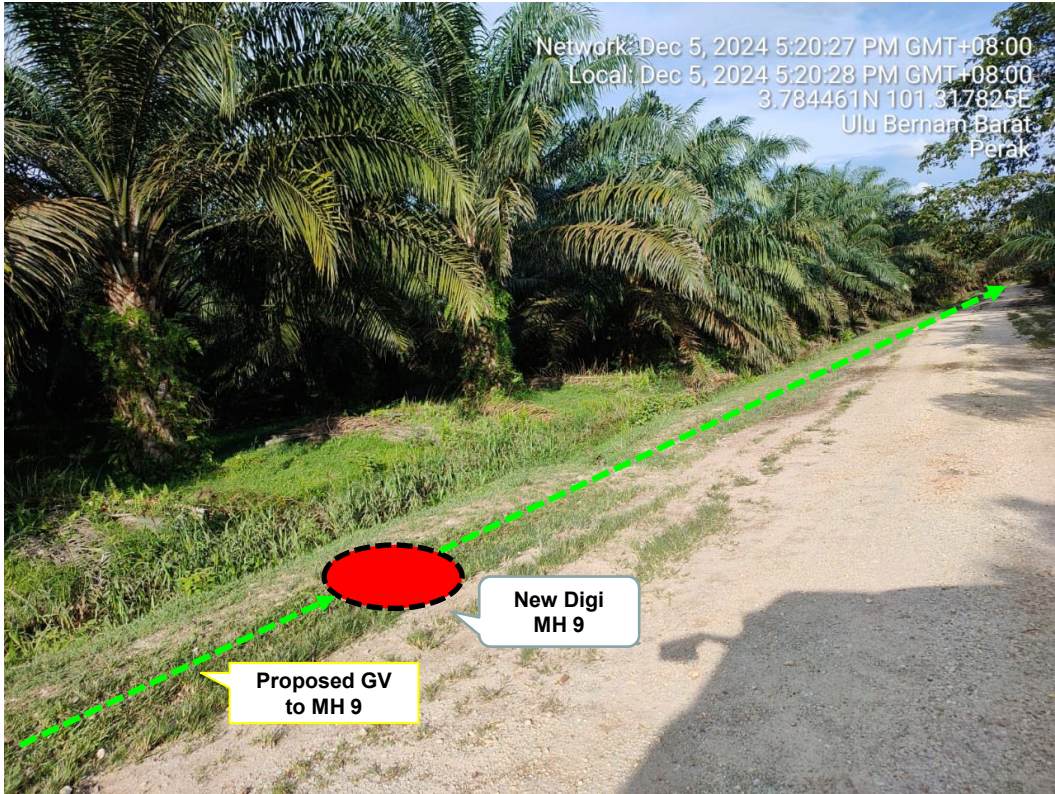
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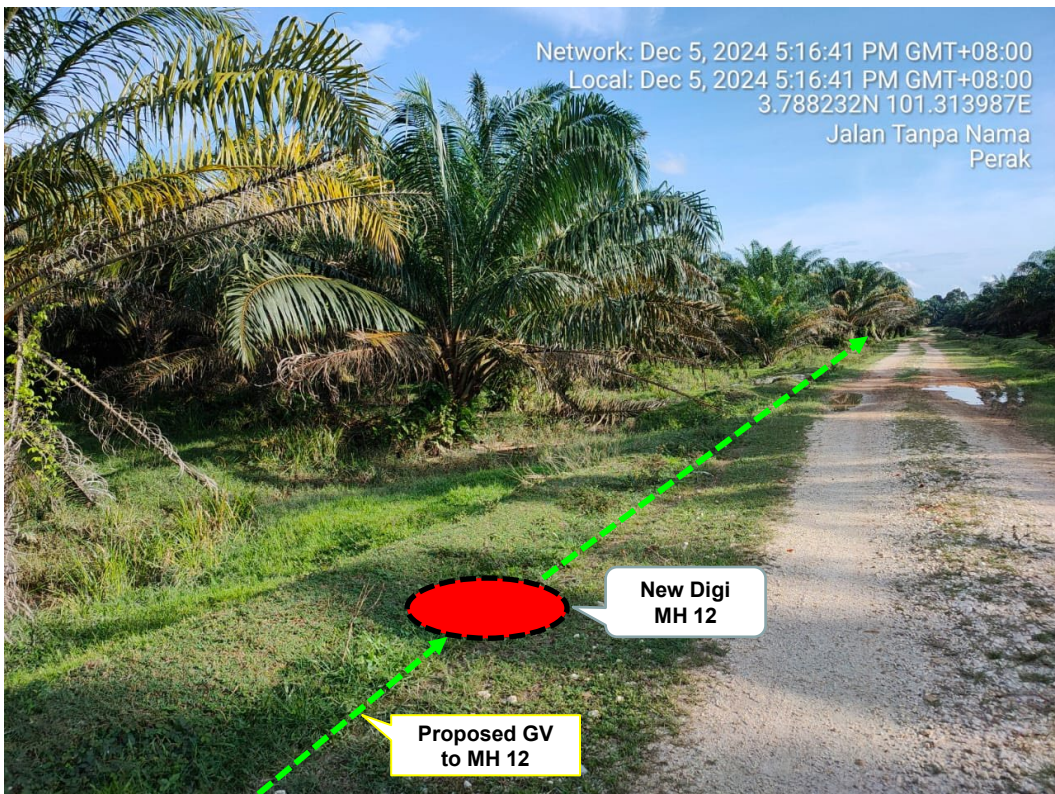
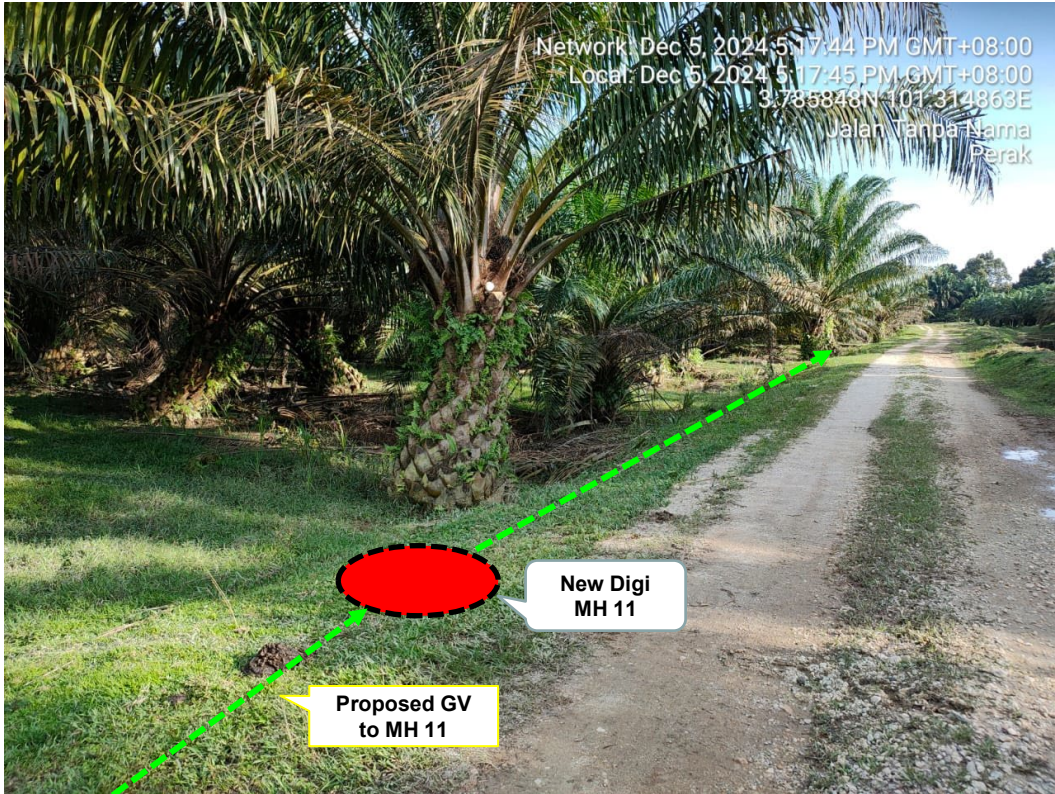
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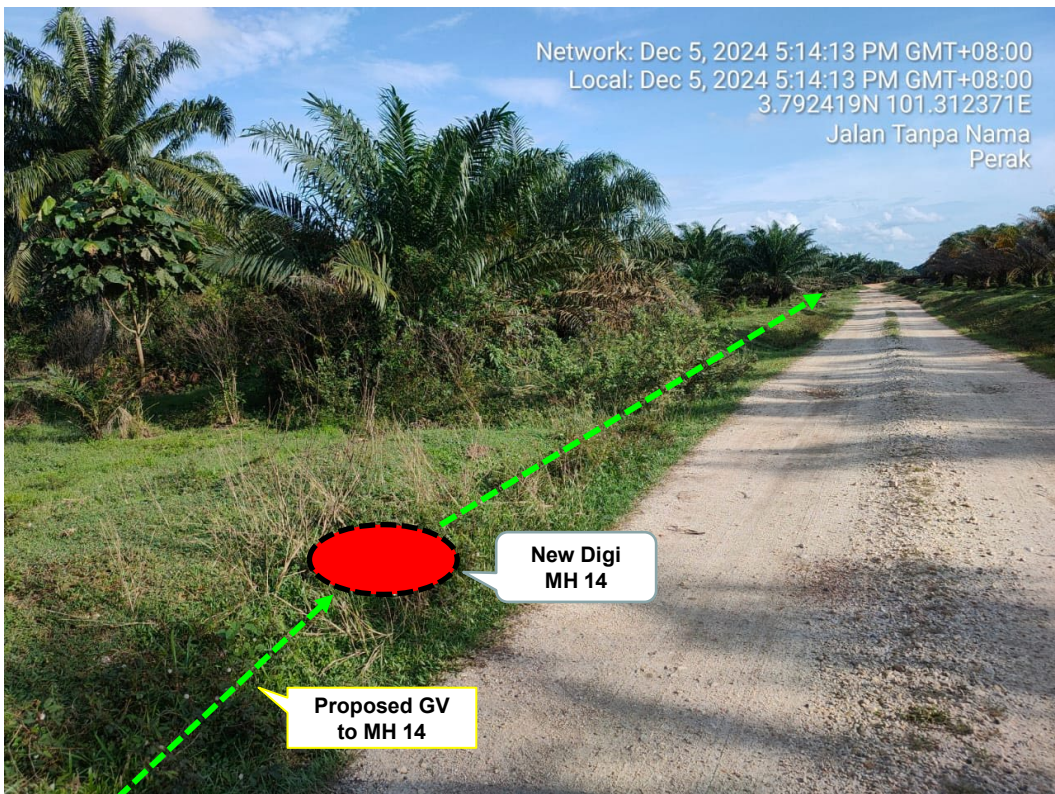
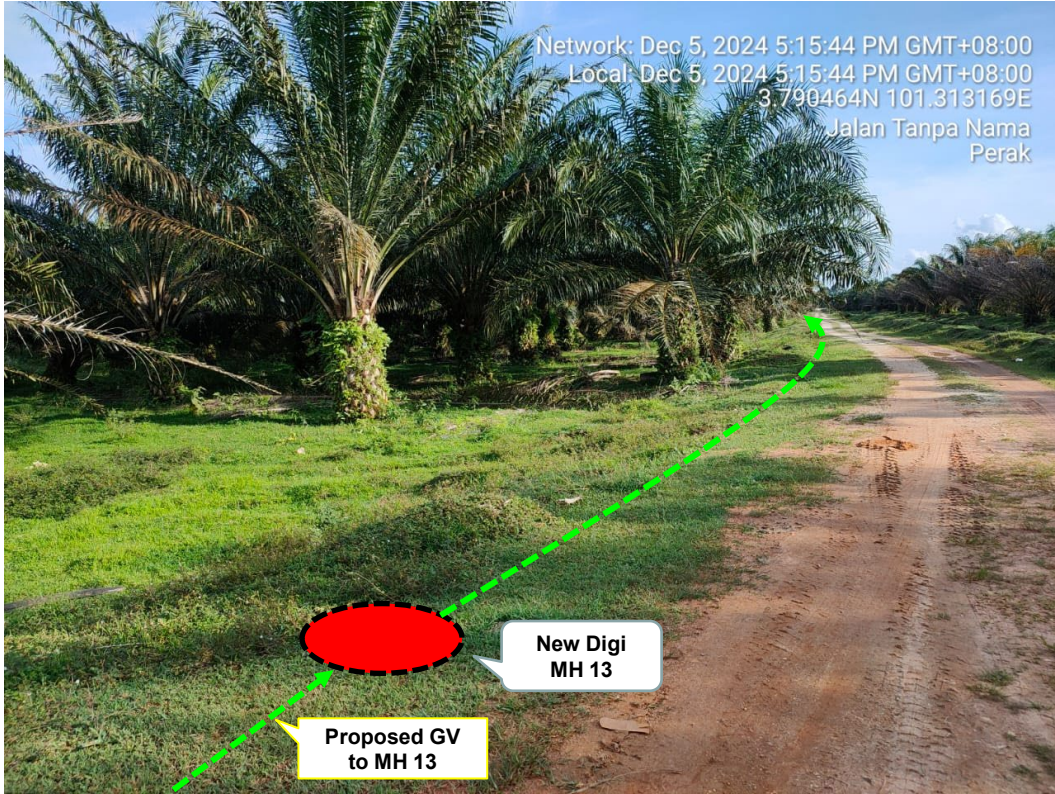
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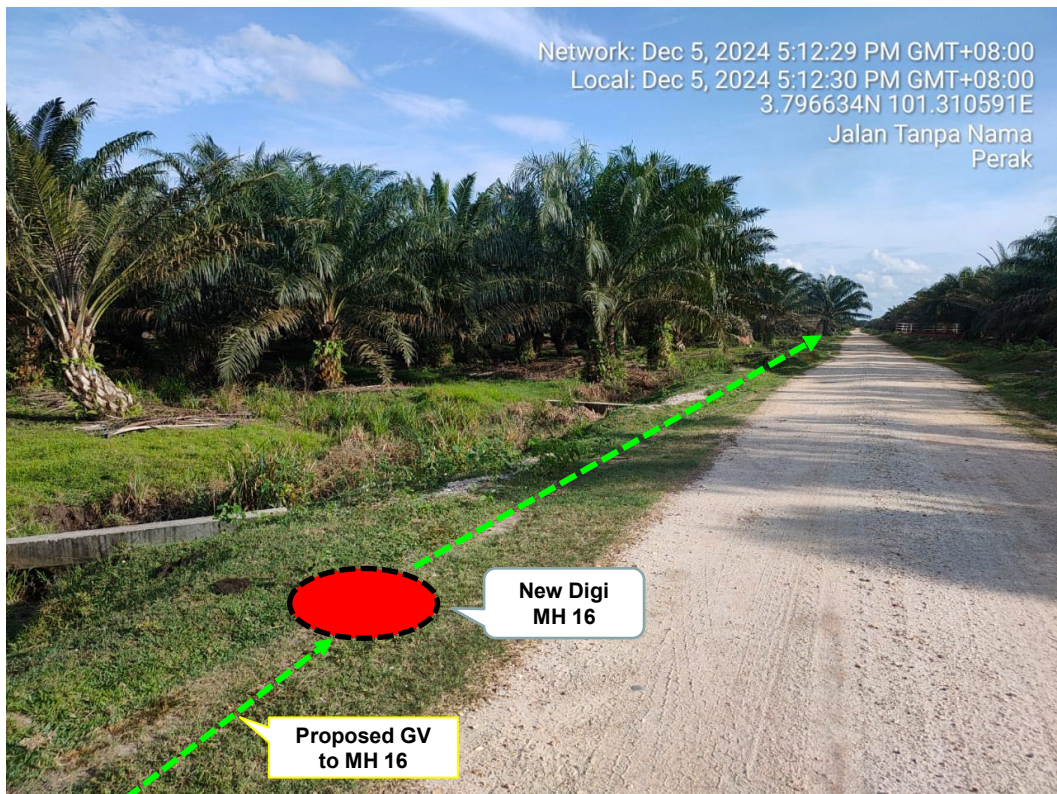
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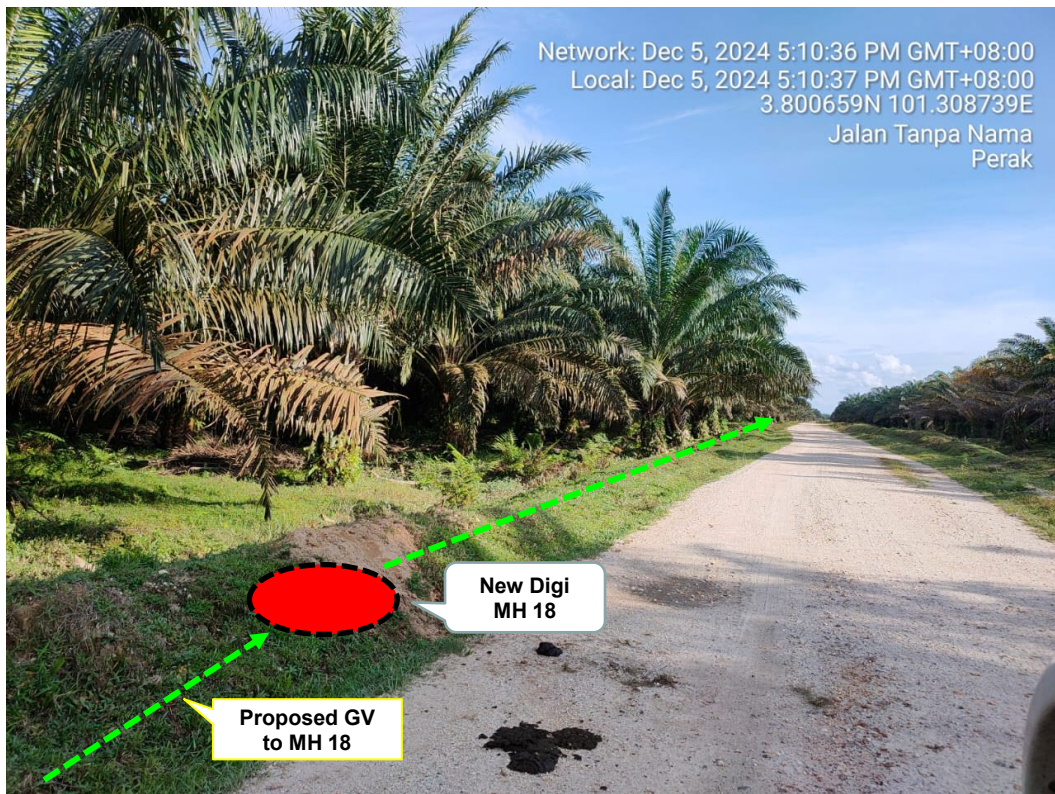
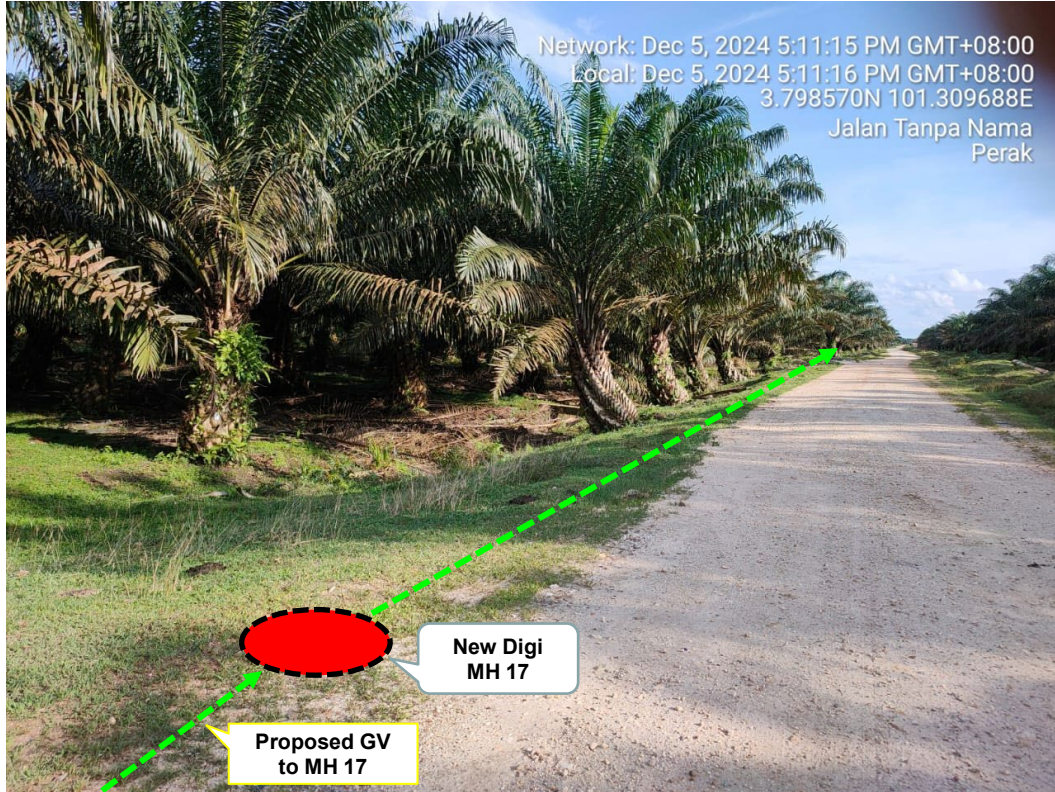
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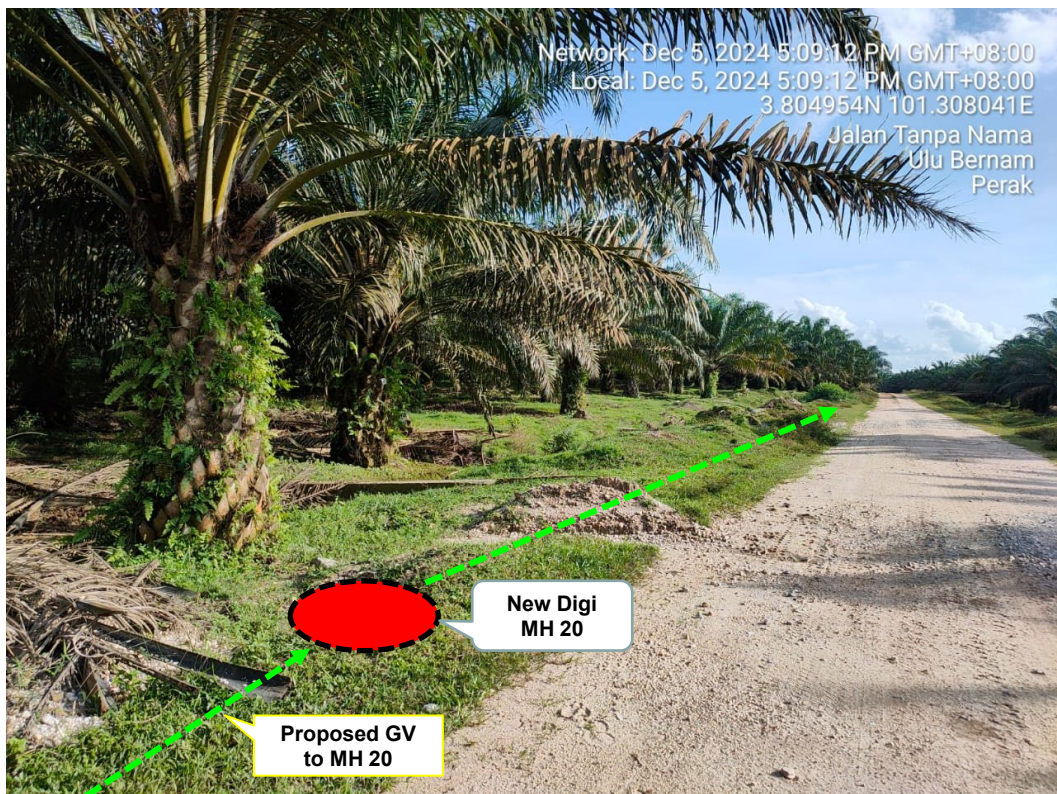
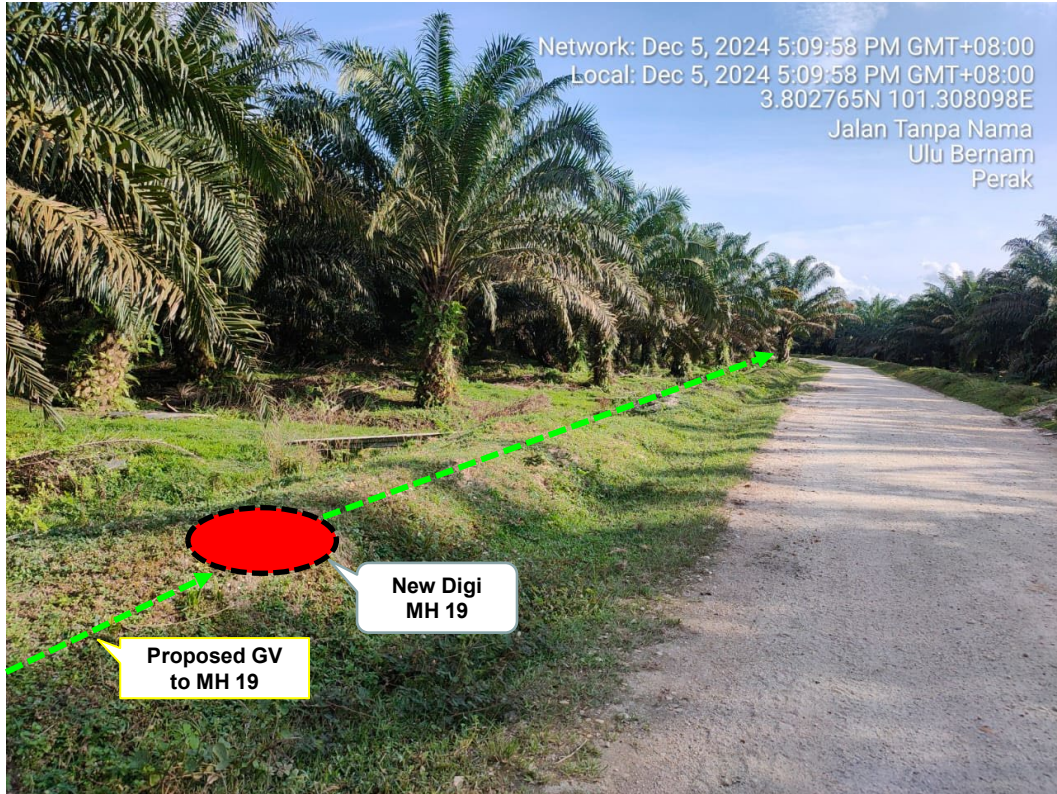
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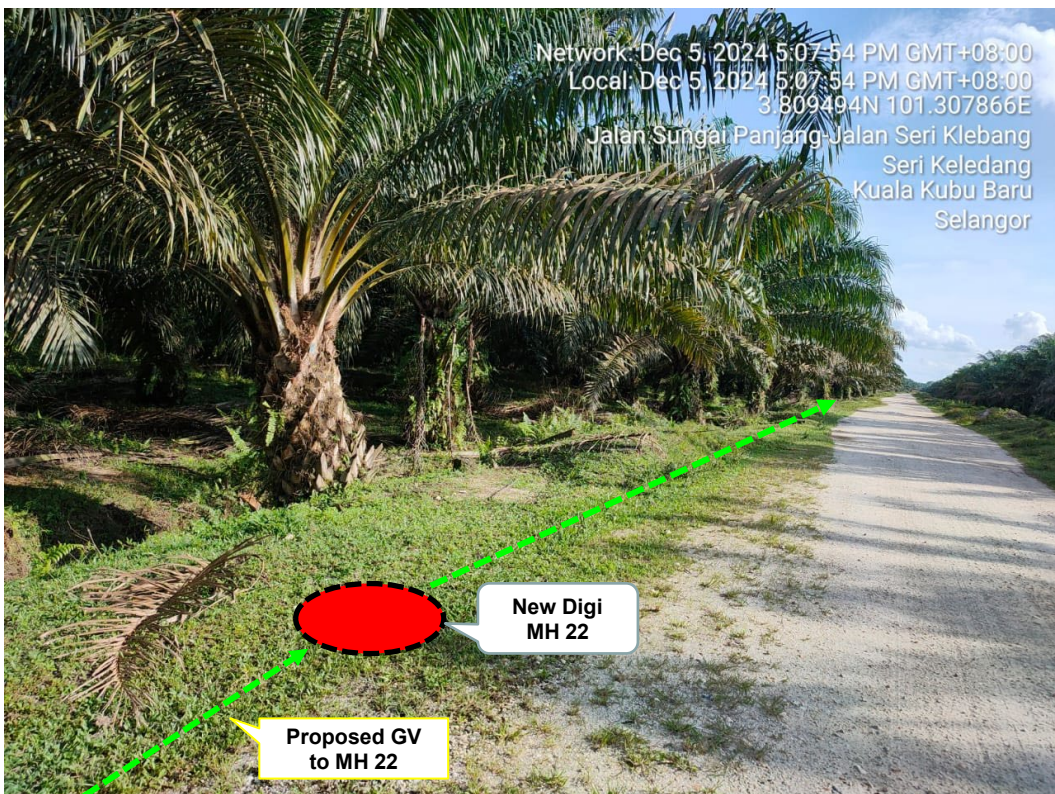
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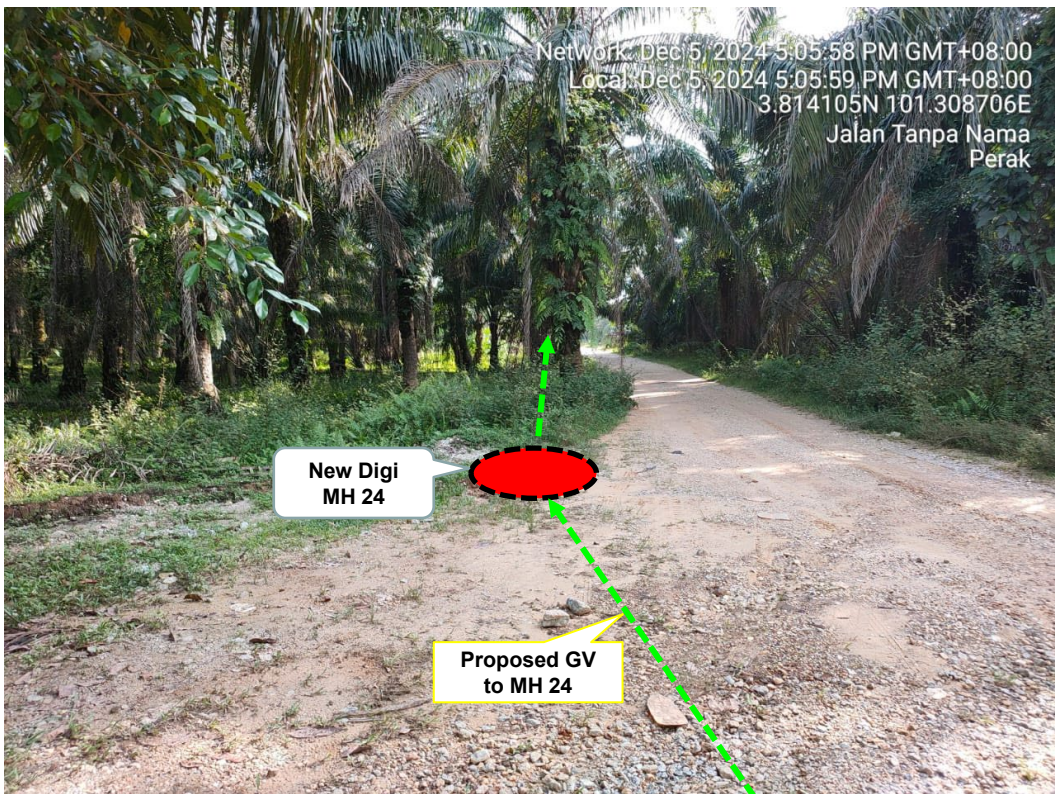
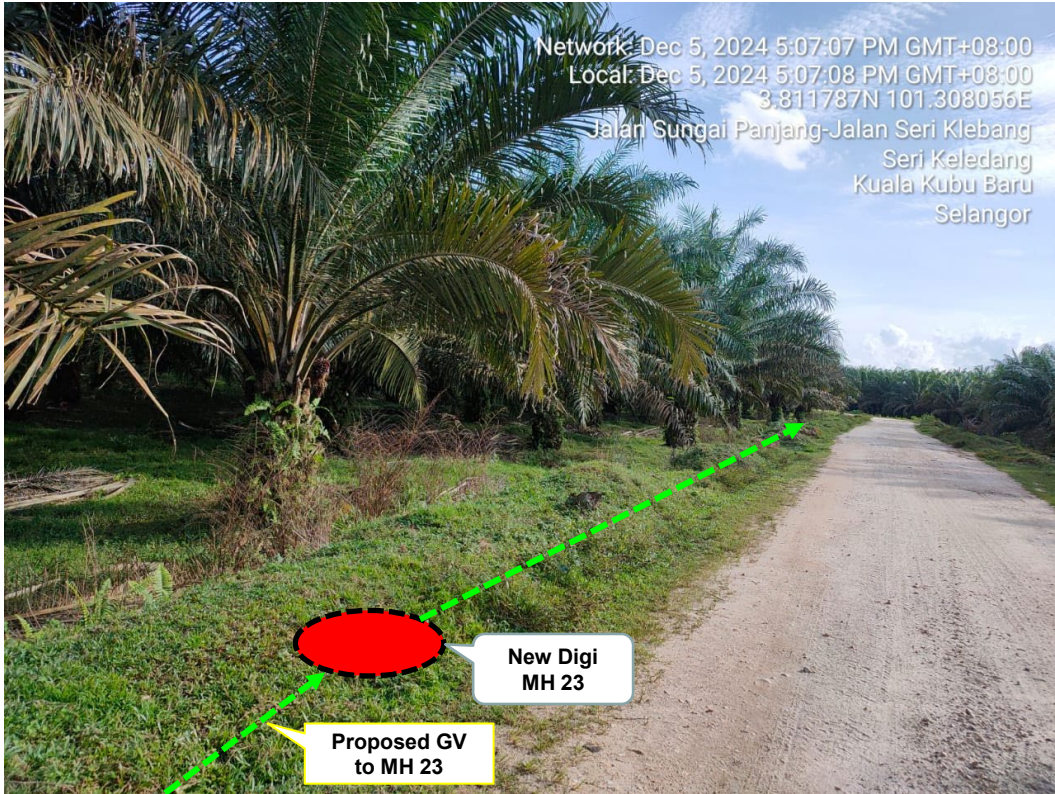
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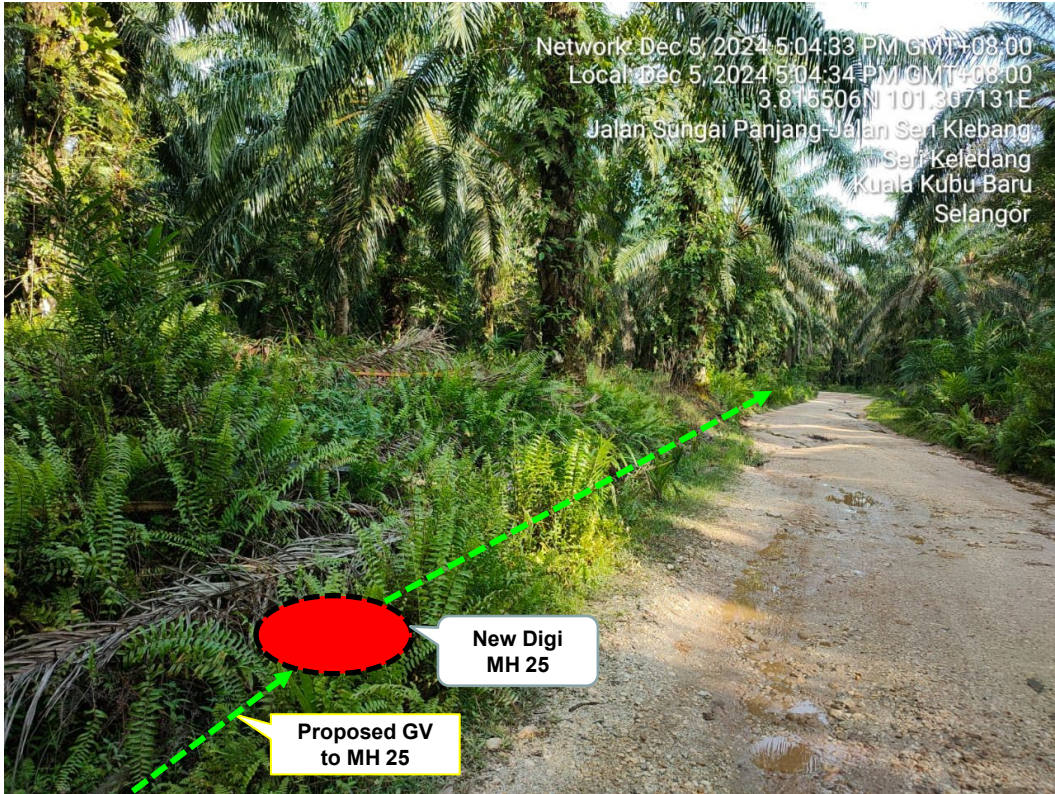
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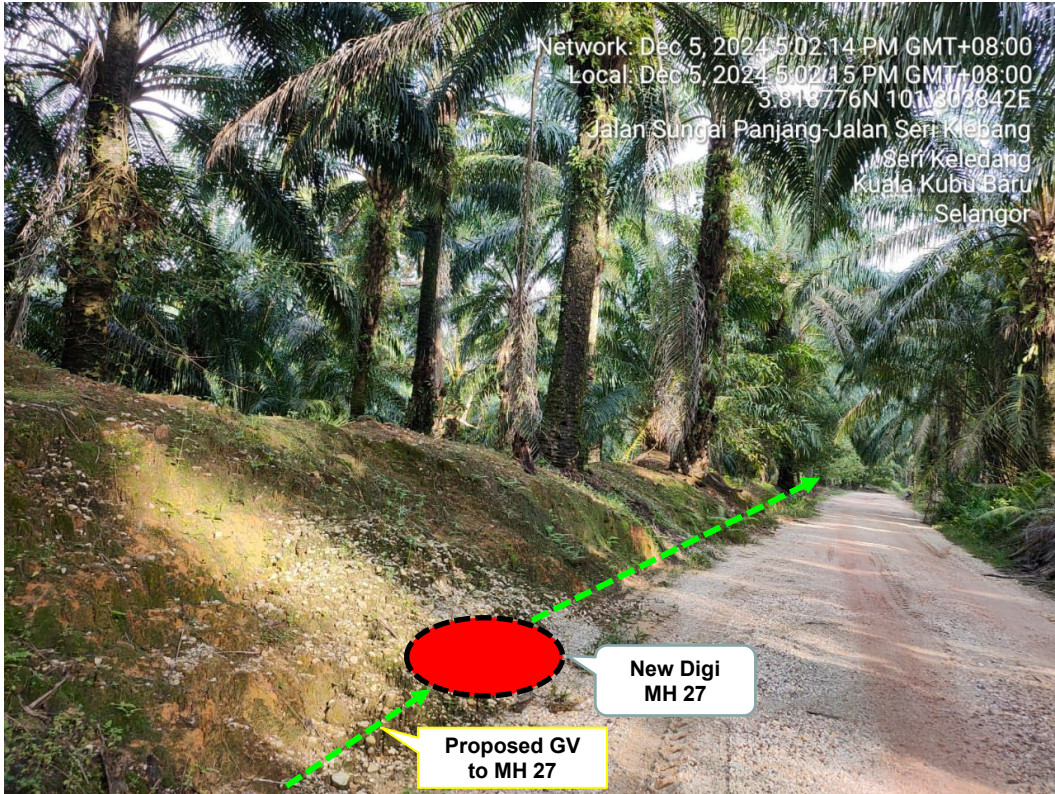
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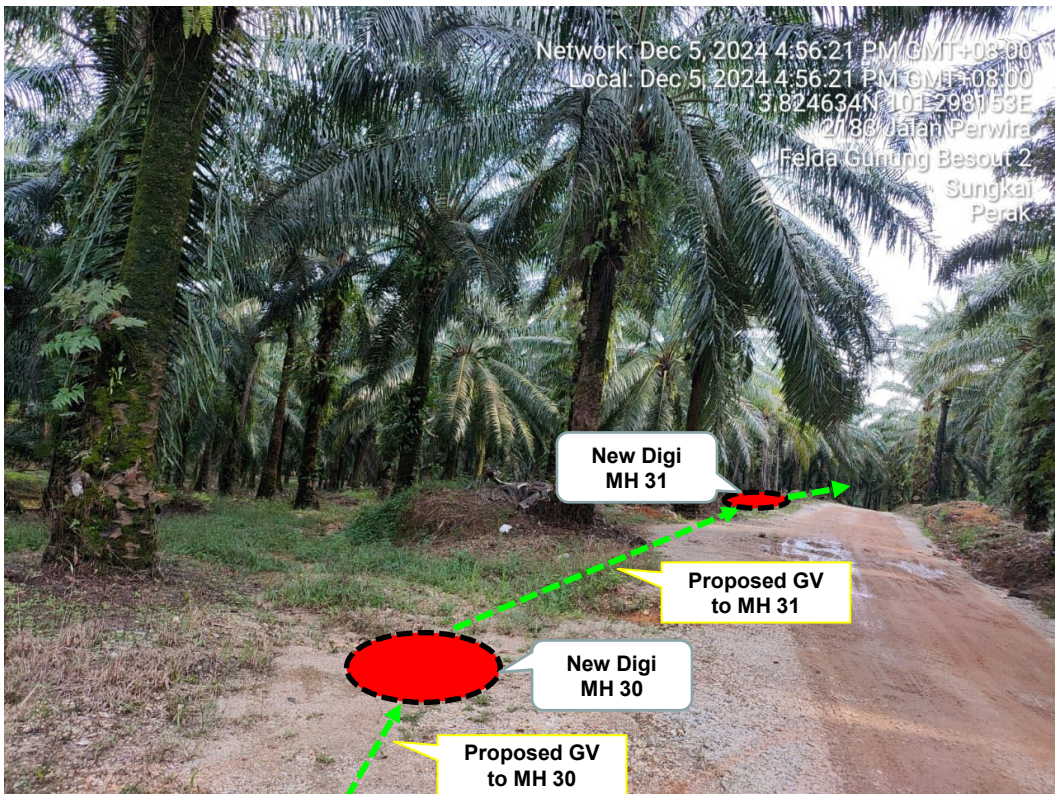
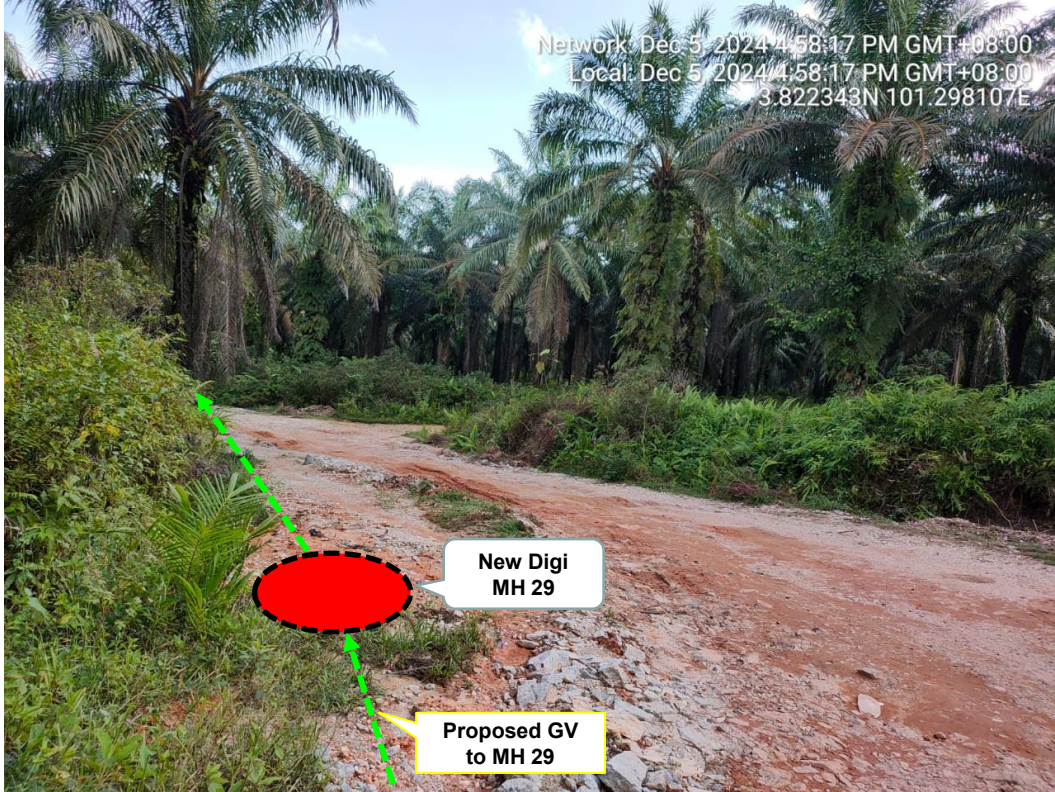
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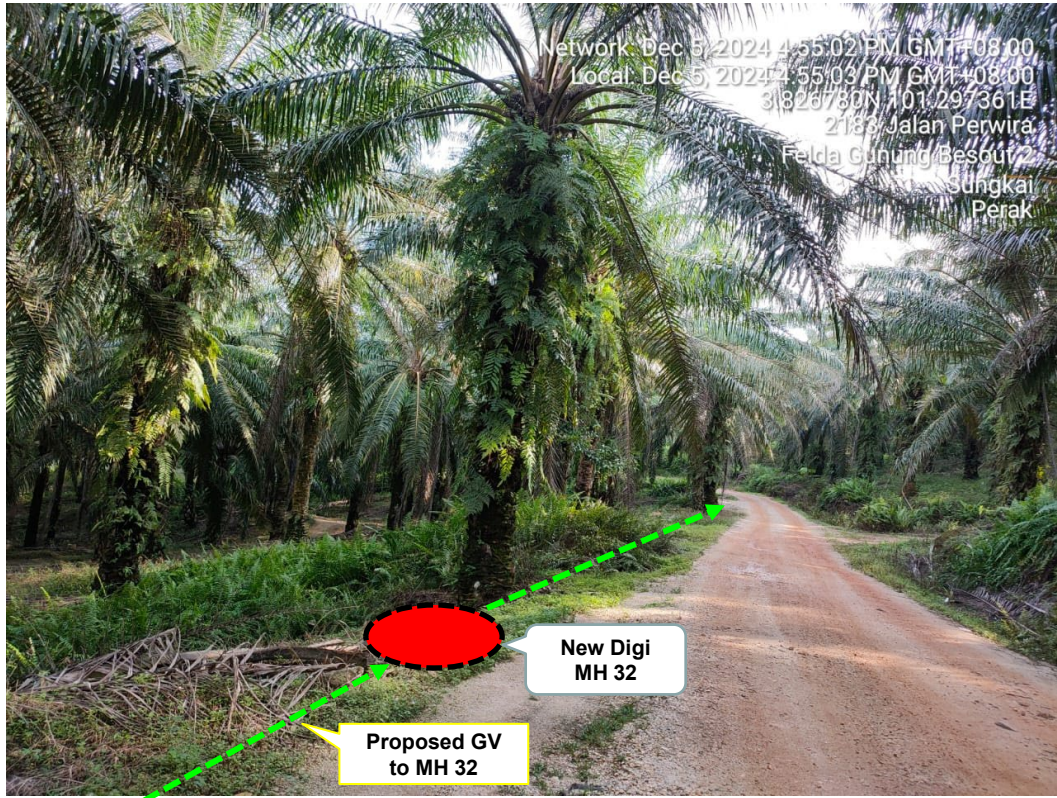
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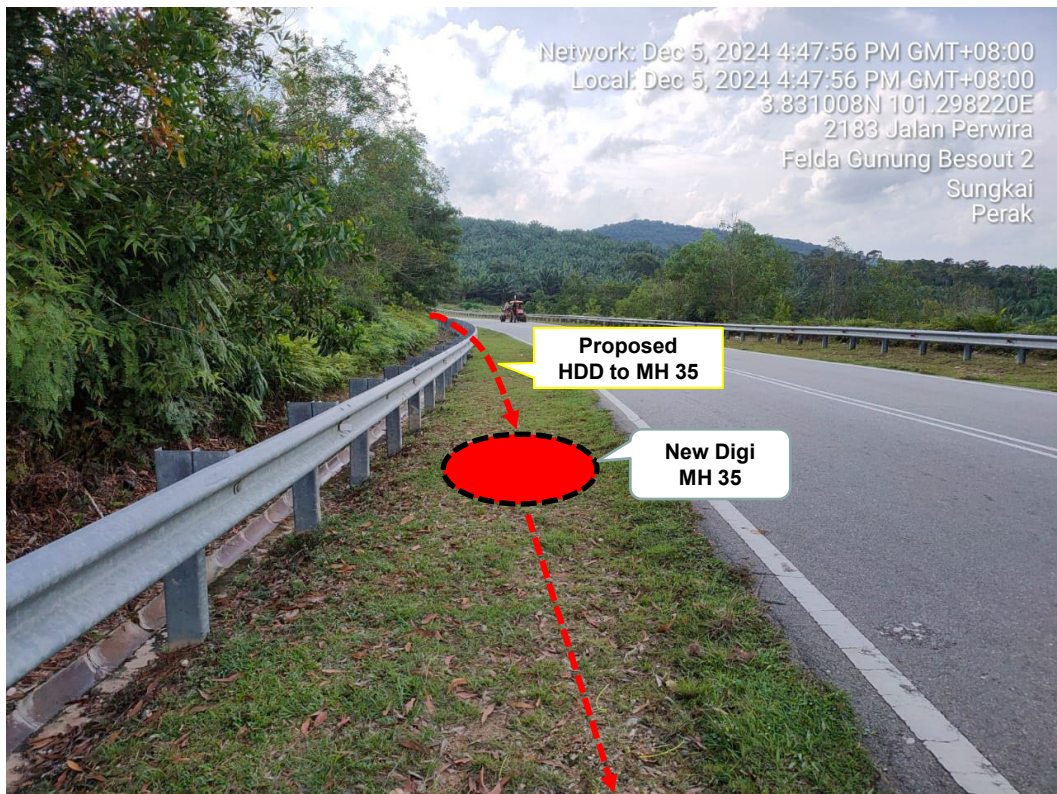
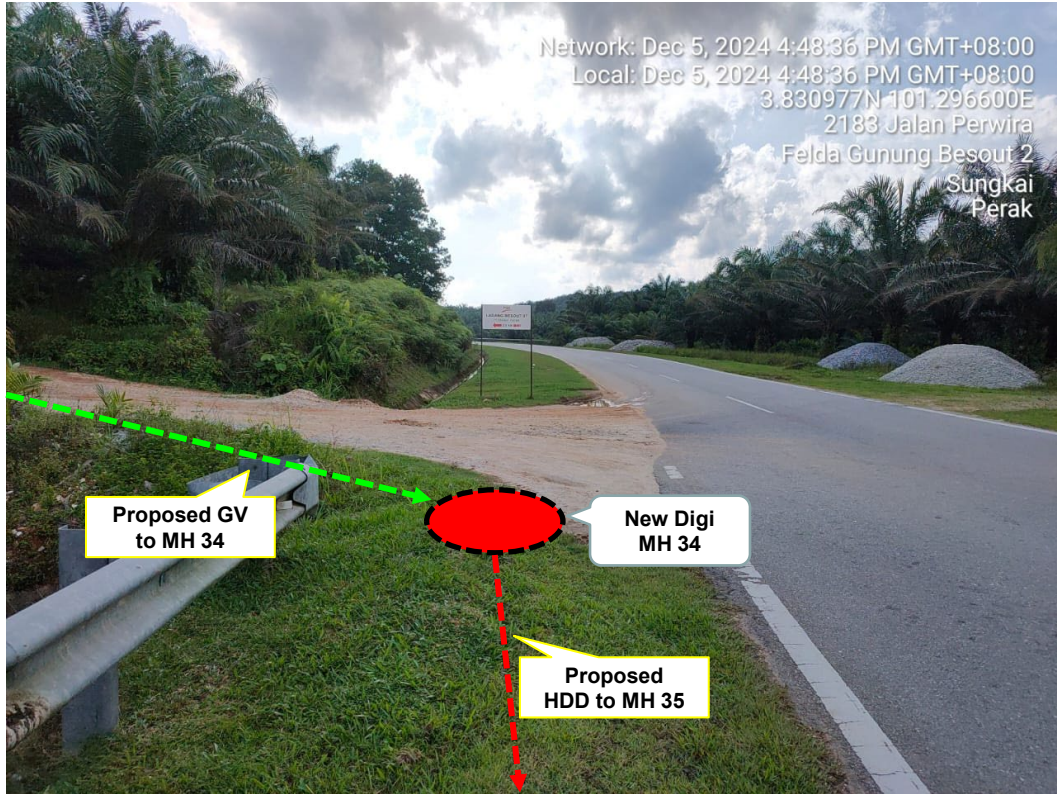
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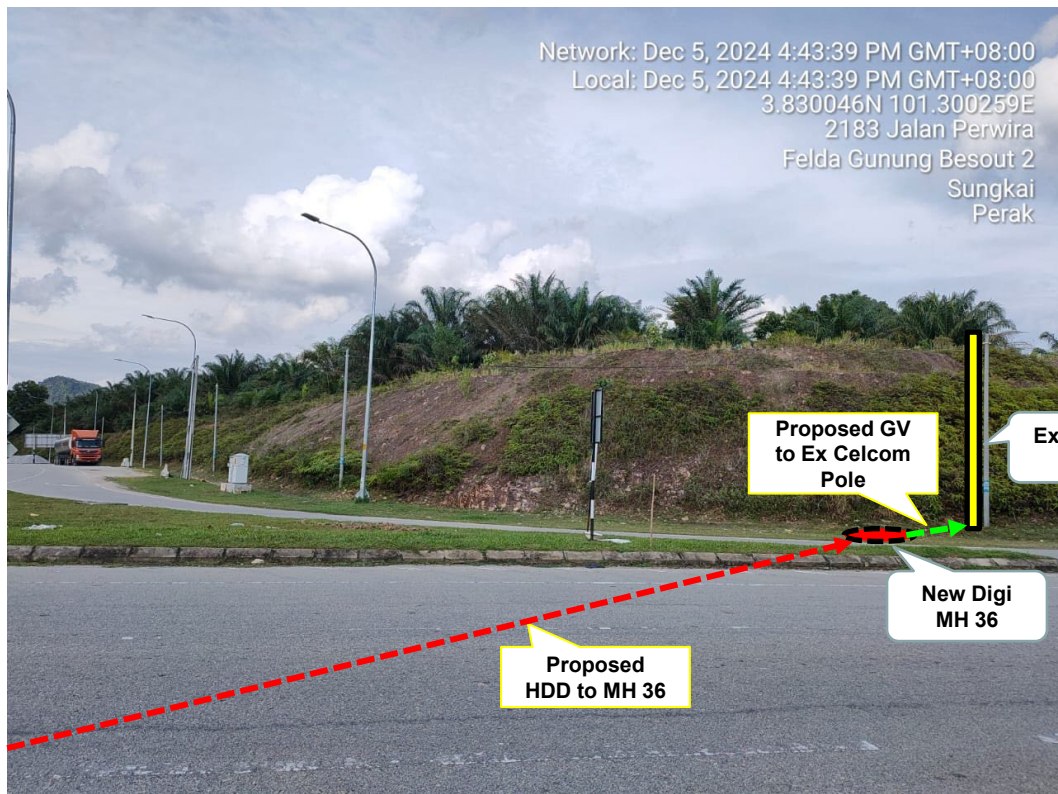
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Section 5: 3rd Party Dependency Listing

Owner : Tower Owner

Latitude : 3.787095°

Longitude : 101.323449°





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Section 6 :
Proposed Work Program
- Tentative Work Schedule

