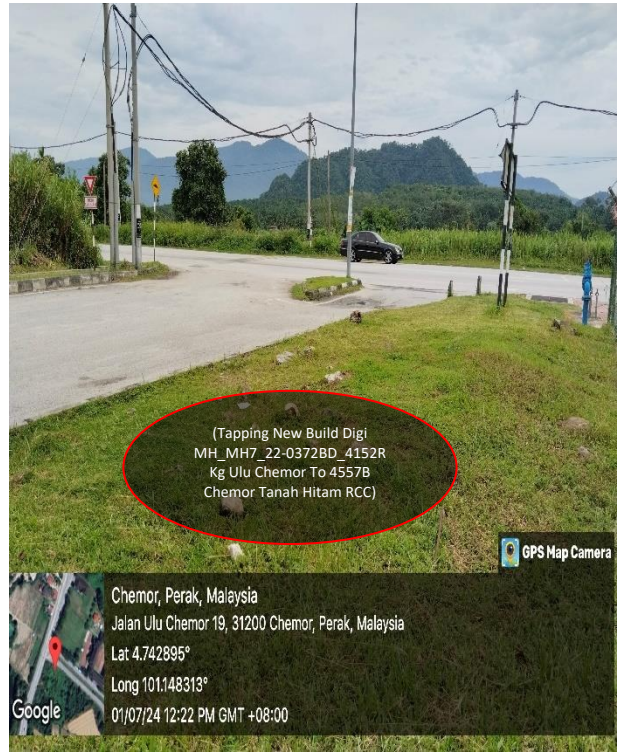


TECHNICAL PROPOSAL (OSP ISP) JENDELA 2022



Site A

4020R Kg Sg Pelantok

LATITUDE: 4.789228°
LONGTITUDE: 101.164838°

Site B

4346A RCC Chemor
(Tapping New Build Digi MH_MH7_22-0372BD_4152R Kg Ulu
Chemor To 4557B Chemor Tanah Hitam RCC)

LATITUDE: 4.742895°
LONGTITUDE: 101.148313°

CIVIL INFRASTRUCTURE

Project Name : Jendela 2022
Region : Northern
Site/Link name : 22-0376BD_4020R Kg Sg Pelantok - 4346A RCC Chemor
Unique Link ID : 22-0376BD
Site Address A : 4020R Kg Sg Pelantok
Site Address B : 4346A RCC Chemor
Site Survey Date : 01/08/2024

Table of Contents

1.0 OSP

- Section 1 : Proposal Sign-off sheet
- Section 2 : Bill of Quantity (Without Pricing) & Work Package
- Section 3 : OSP Routing Plan
- Section 4 : OSP Snapshot
- Section 5 : 3rd Party Dependency Listing
- Section 6 : Work Schedule

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 : 4020R Kg Sg Pelantok

Location B : 4346A RCC Chemor

Contractor

Name : VS Majutech 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 :

Section 2: Bill of Quantity

Section 2: Work Package

Overall Proposed Civil Infrastructure Design Distance		10,260	Meter
a.	Horizontal Directional Drill (HDD)	10,250	Meter
b.	Carriage Way Open Trenching (CW)		Meter
c.	Grass Verge Open Trenching (GV)	10	Meter
d.	Micro Trenching (MT)		Meter
e.	Propose Cable Ladder / Trunking		Meter
f.	Other / GI Riser / Trunking		Meter
g.	Existing Cable way		Meter
h.	Proposed Pole		Meter
i.	Cable Pulling		Meter
No. of proposed Manhole / Joint Box / JC9		41	each
No. of Proposed Pole			
Area of Milling work Required			
Estimated timeline required for job completion		90	days

Existing Infrastructure Information

Preceding Duct / SubDuct Space	
Preceding Duct/SubDuct Condition	
Existing / Tapping manhole	Tapping New Build Digi MH_MH7_22-0372BD_4152R Kg Ulu Chemor To 4557B Chemor Tanah Hitam RCC
Existing Cable / Fiber Condition	

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.	JKR Daerah Kuala Kangsar
Building Management / Land Lord	No
Private Owners	No

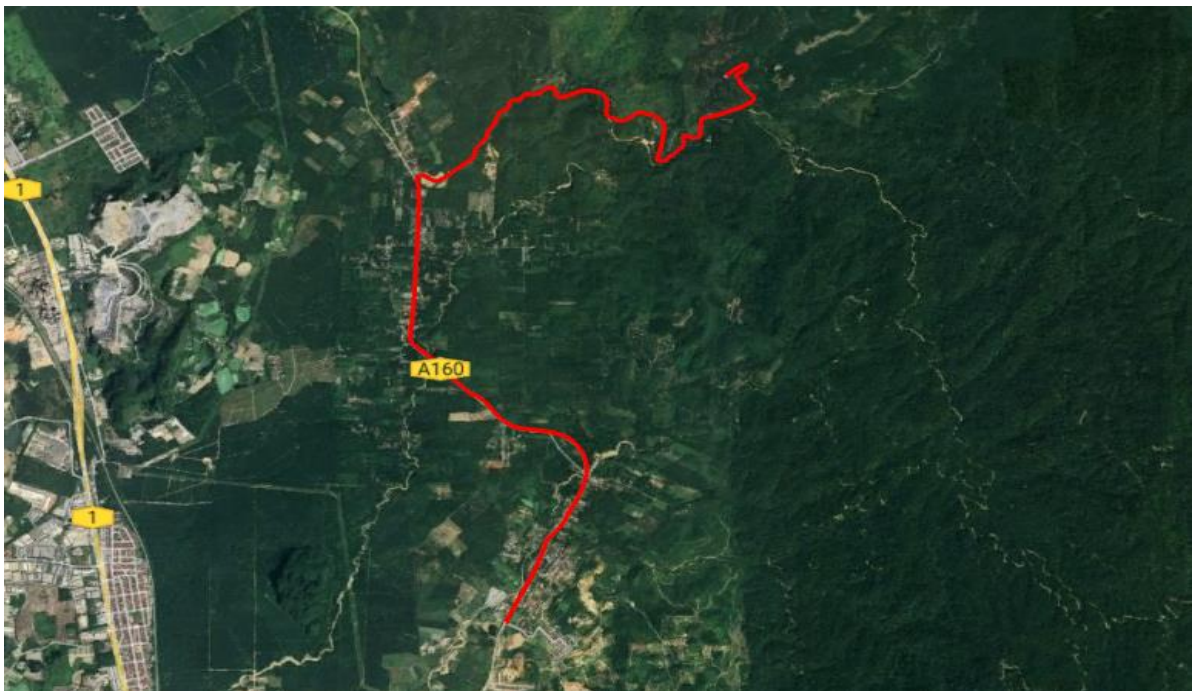
Other Highlights/Remark

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

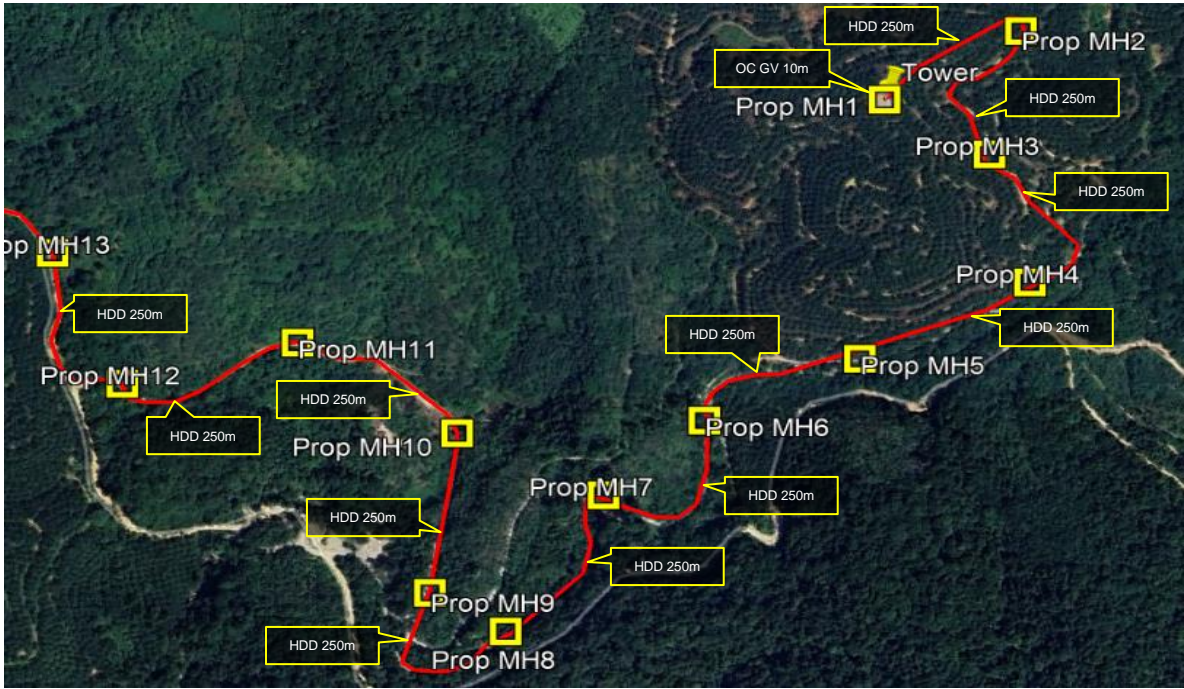


PLANNER KMZ

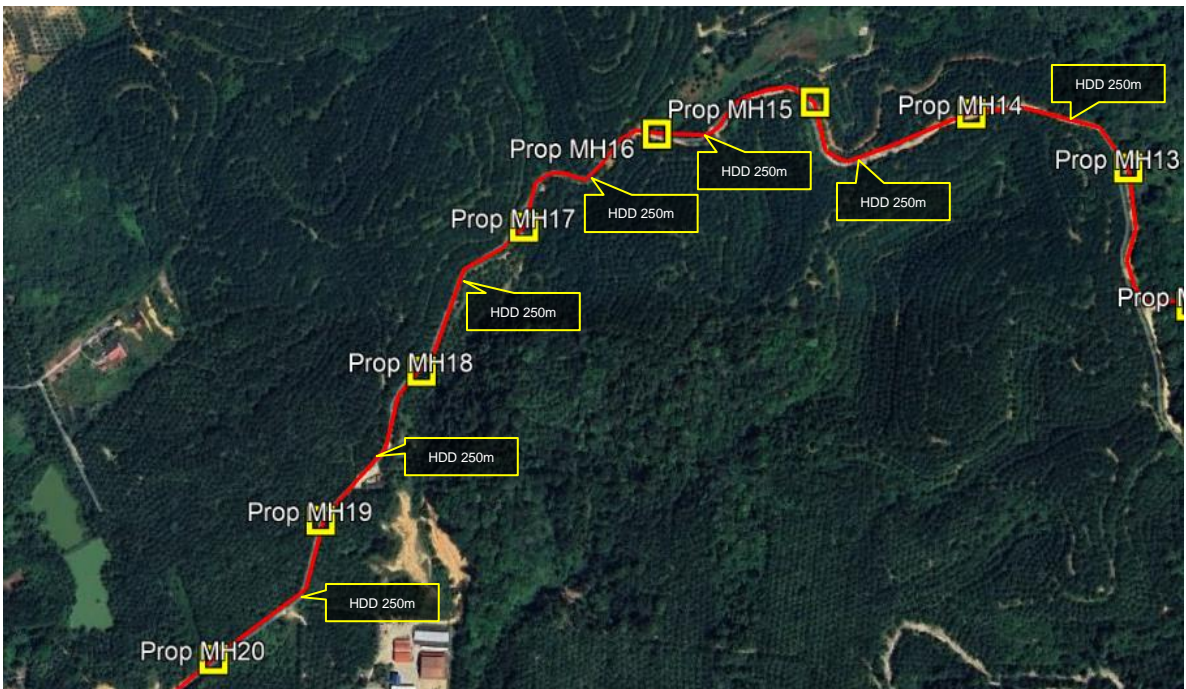


PROPOSED KMZ

Section 3 : OSP Routing Plan

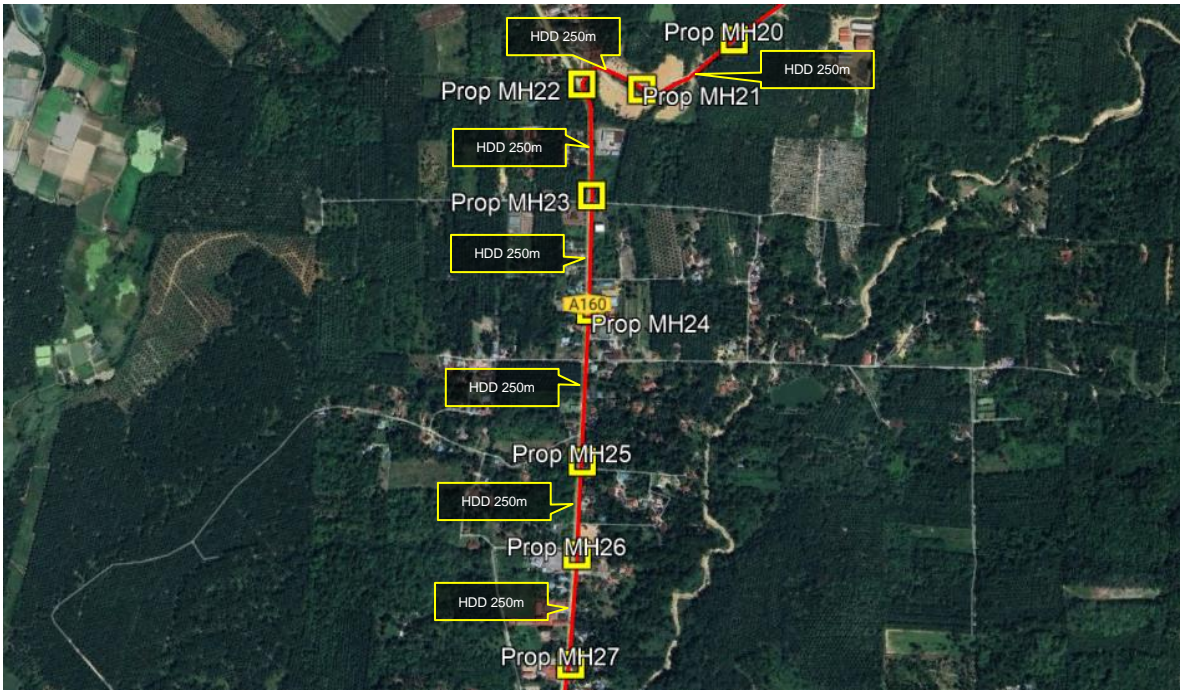


PROPOSED KMZ

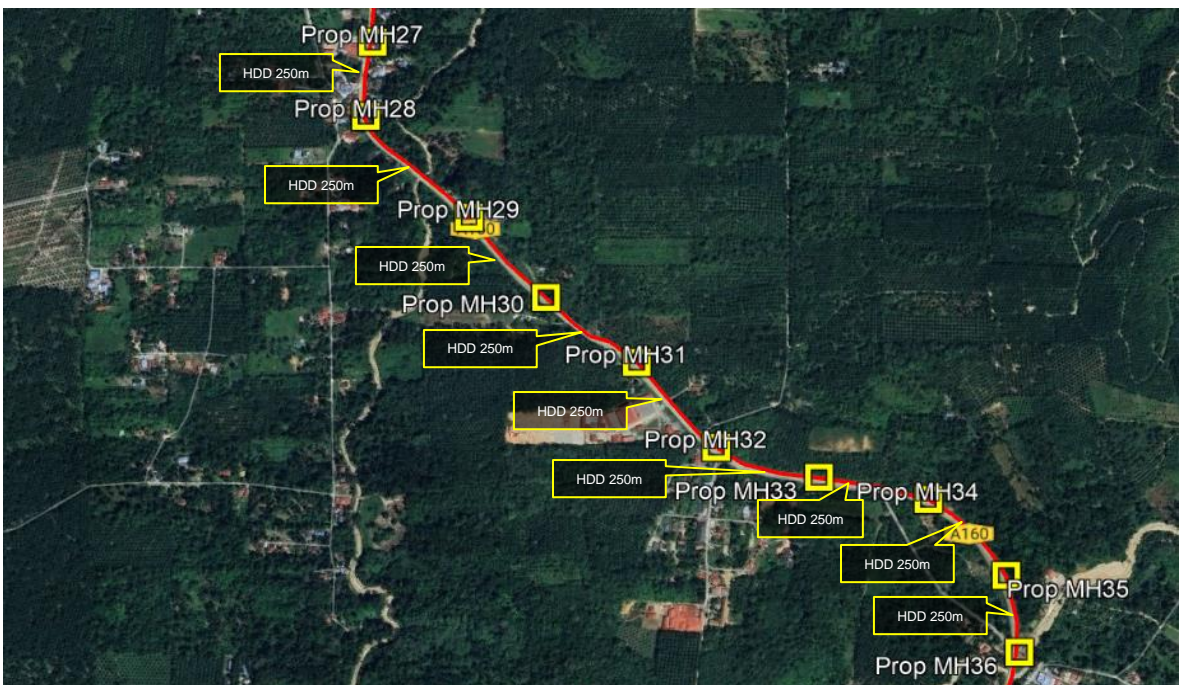


PROPOSED KMZ

Section 3 : OSP Routing Plan

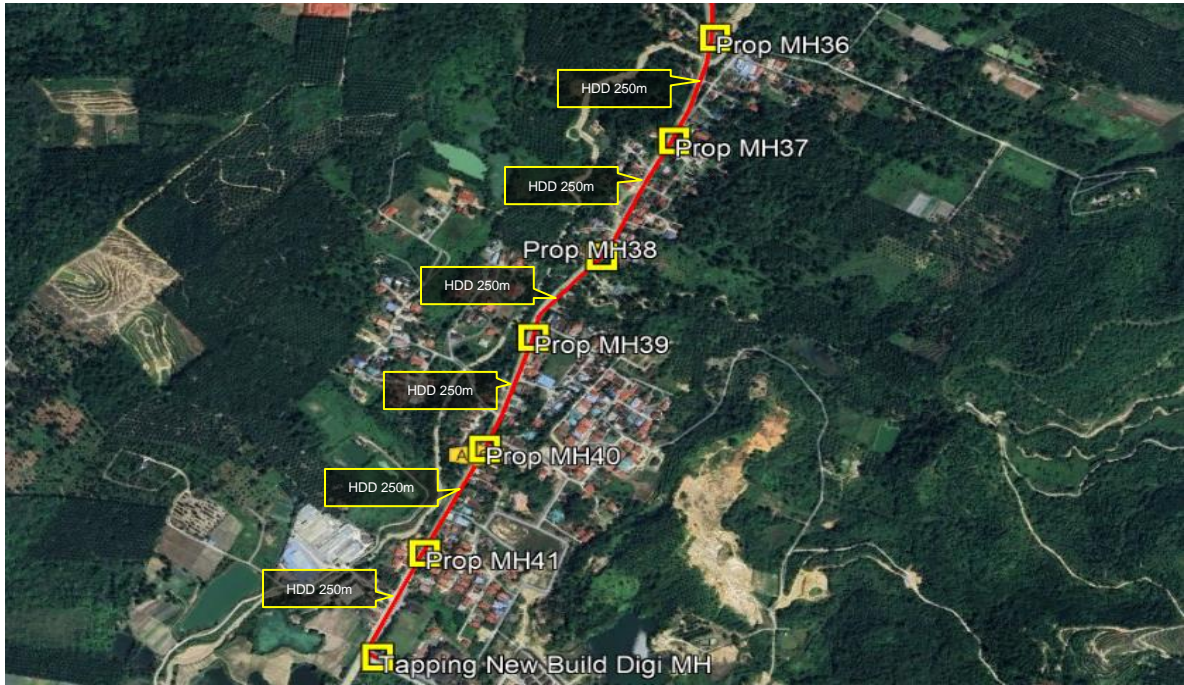


PROPOSED KMZ



PROPOSED KMZ

Section 3 : OSP Routing Plan



PROPOSED KMZ

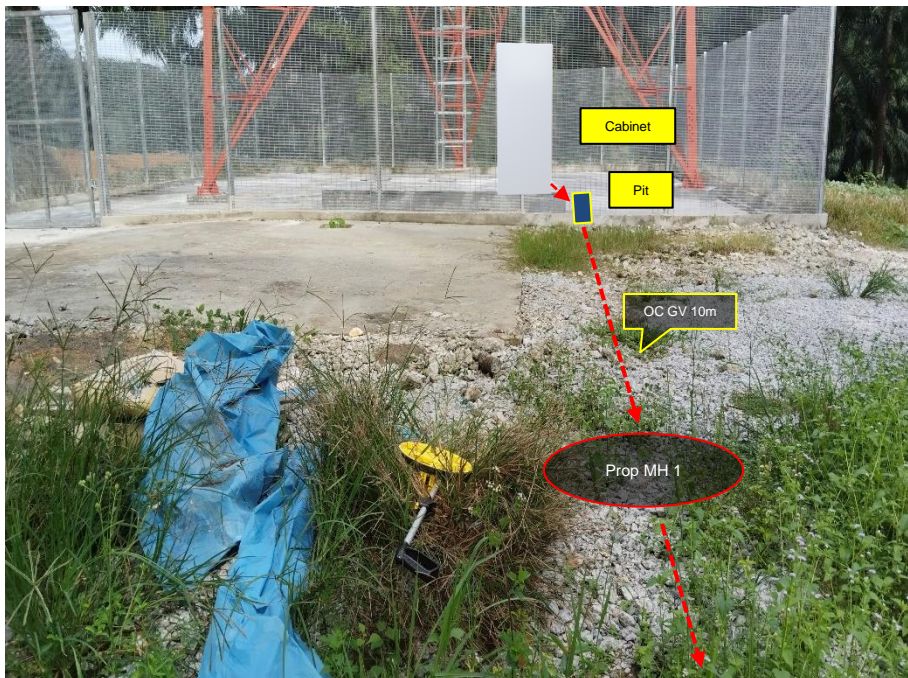
PROPOSED MANHOLE COORDINATE		
MANHOLE NUMBER	LATITUDE	LONGTITUDE
Tower	4.789228	101.164838
Prop MH 1	4.789228	101.164838
Prop MH 2	4.790096	101.166337
Prop MH 3	4.788538	101.165992
Prop MH 4	4.786922	101.166436
Prop MH 5	4.785958	101.164566
Prop MH 6	4.785178	101.162856
Prop MH 7	4.784236	101.161747
Prop MH 8	4.782516	101.160671
Prop MH 9	4.783003	101.159838
Prop MH 10	4.785018	101.160137
Prop MH 11	4.786161	101.158382
Prop MH 12	4.785643	101.156455
Prop MH 13	4.787294	101.155687
Prop MH 14	4.787945	101.153756
Prop MH 15	4.788083	101.151832
Prop MH 16	4.787700	101.149887
Prop MH 17	4.786585	101.148252

Prop MH 18	4.784859	101.146991
Prop MH 19	4.783072	101.145750
Prop MH 20	4.781405	101.144431
Prop MH 21	4.780380	101.142492
Prop MH 22	4.780488	101.141229
Prop MH 23	4.778179	101.141434
Prop MH 24	4.775810	101.141414
Prop MH 25	4.772662	101.141239
Prop MH 26	4.770732	101.141129
Prop MH 27	4.768459	101.140997
Prop MH 28	4.766888	101.140857
Prop MH 29	4.764752	101.142974
Prop MH 30	4.763052	101.144554
Prop MH 31	4.761677	101.146415
Prop MH 32	4.759879	101.148047
Prop MH 33	4.759242	101.150156
Prop MH 34	4.758774	101.152400
Prop MH 35	4.757166	101.154000
Prop MH 36	4.755537	101.154268
Prop MH 37	4.753409	101.153533
Prop MH 38	4.751025	101.152249

Prop MH 39	4.749372	101.151038
Prop MH 40	4.747105	101.150180
Prop MH 41	4.744991	101.149131
Tapping New Build Digi MH_MH7_22-0372BD_4152R Kg Ulu Chemor To 4557B Chemor Tanah Hitam RCC	4.742895	101.148313

Section 4: OSP Snapshot for new route

VS Majutech Remarks:
These photos do not have time stamp and LatLong due to no network coverage in this area



Section 4: OSP Snapshot for new route



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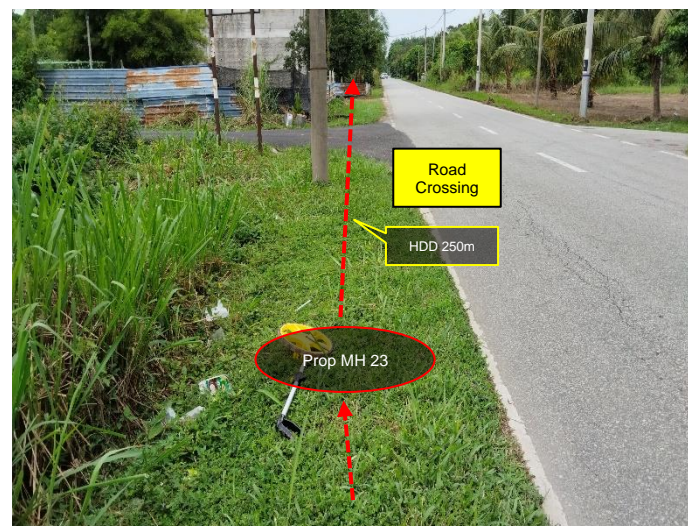
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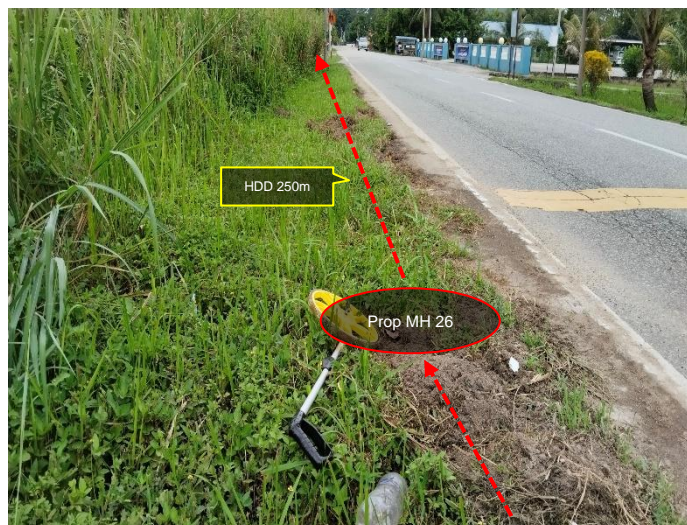
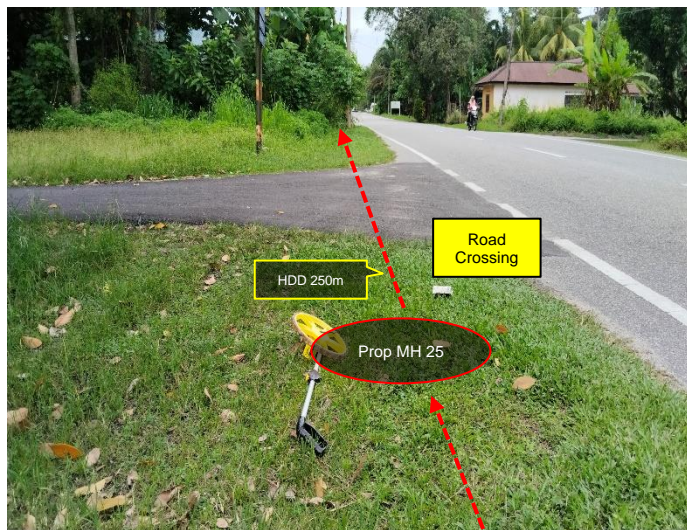
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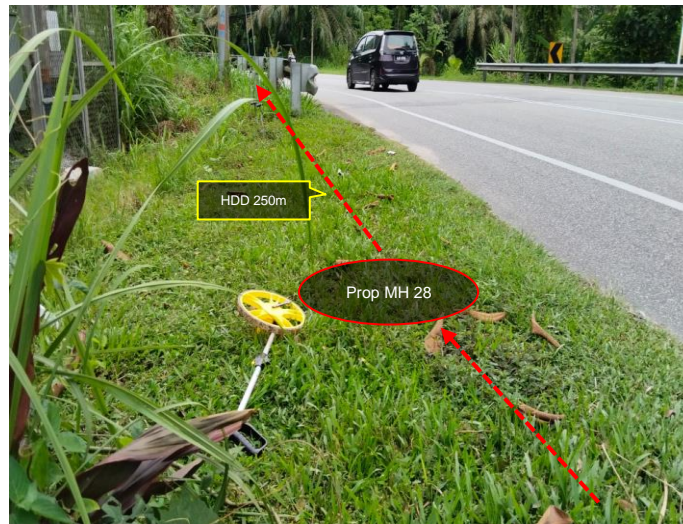
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Section 4: OSP Snapshot for new route



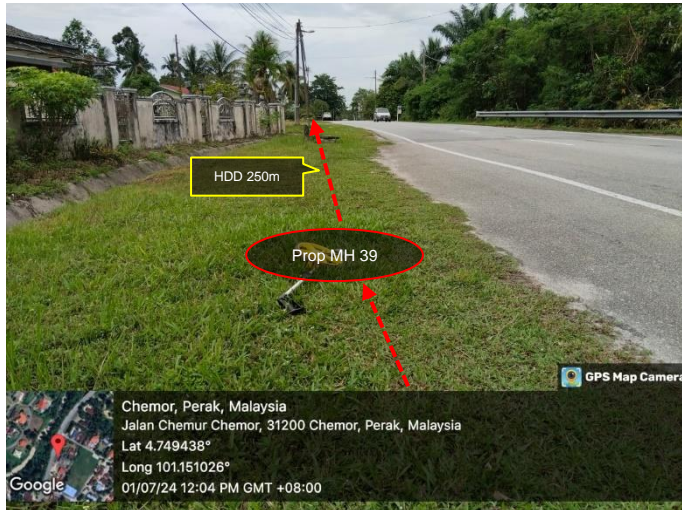
Section 4: OSP Snapshot for new route



Section 4: OSP Snapshot for new route



Section 4: OSP Snapshot for new route



Section 4: OSP Snapshot for new route



Section 6: Work Schedule