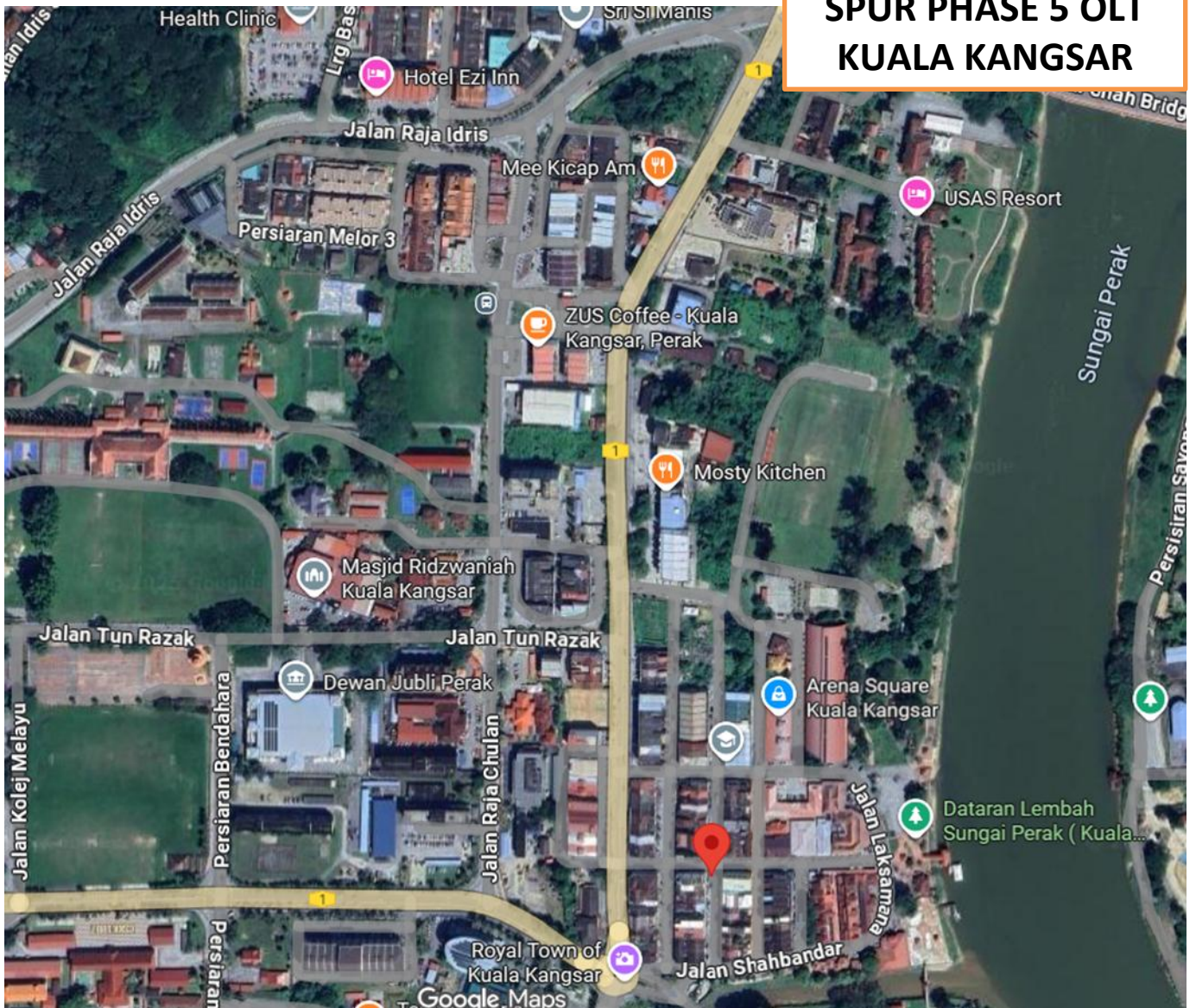


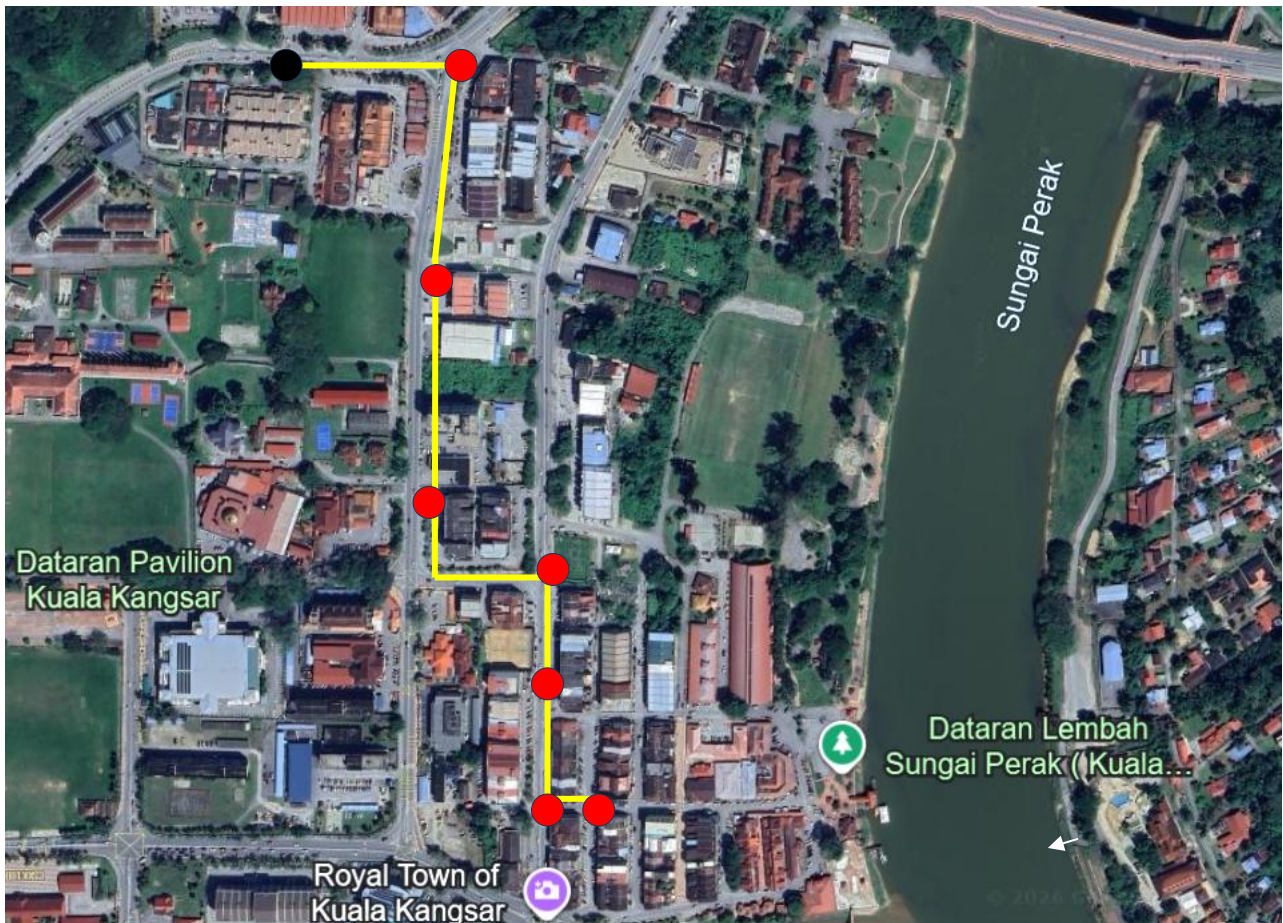
**JALAN RAJA IDRIS  
SPUR PHASE 5 OLT  
KUALA KANGSAR**



4.7785411,100.93953

**PROCESS OF HDD**

## ROUTE OF HDD



**LEGEND:** ● PROPOSED NEW MH ● EXT MH

# PROCESS OF HDD



# PROCESS OF HDD



1) SITE PHOTOS (GAMBAR LOKASI)

HORIZONTAL DIRECTIONAL DRILLING (HDD), (1 WAY : 165M 1<sup>ST</sup> SECTION & 1 WAY : 2<sup>ND</sup> SECTION 190M )



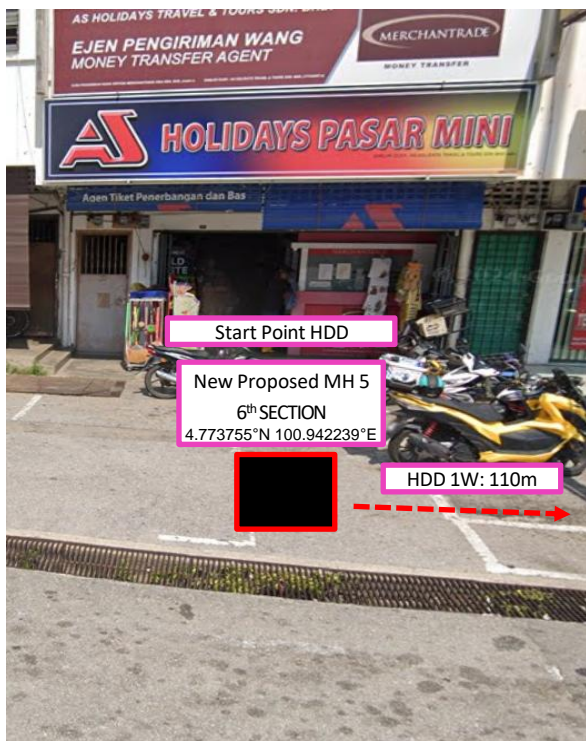
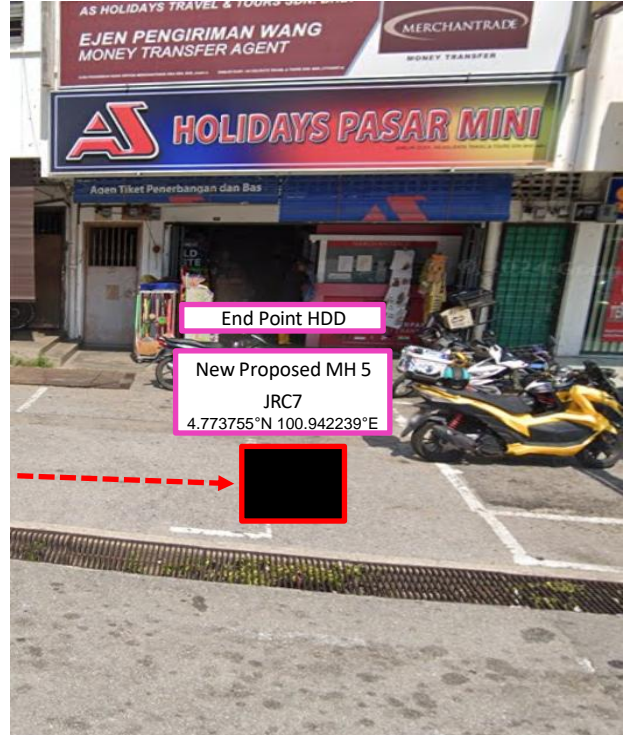
2) SITE PHOTOS (GAMBAR LOKASI)

Horizontal Directional Drilling (HDD), (1 way : 200m 3<sup>RD</sup> SECTION & 4<sup>TH</sup> SECTION  
1 way : 170m )



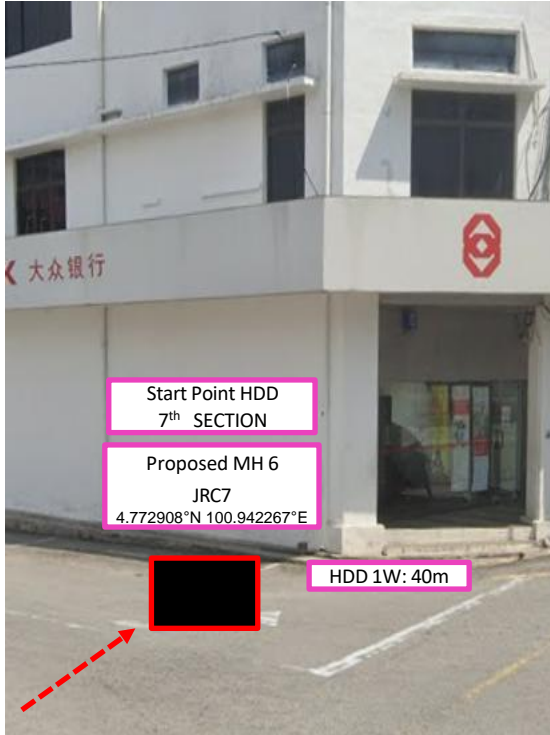
3) SITE PHOTOS (GAMBAR LOKASI)

HORIZONTAL DIRECTIONAL DRILLING (HDD), (1 WAY : 90M 5<sup>TH</sup> SECTION & 1 WAY : 110M 6<sup>TH</sup> SECTION)



7) SITE PHOTOS (GAMBAR LOKASI)

HORIZONTAL DIRECTIONAL DRILLING (HDD), (1 WAY : 40M 7<sup>TH</sup> SECTION)



NAME	START POINT (LAT, LONG)	END POINT (LAT, LONG)	LENGTH (m)
HDD : 1 WAY (1 <sup>ST</sup> SECTION)	4.778168,100.940379 (Jalan Raja Idris)	4.778296,100.941880 (Jalan Raja Chulan)	<b>165m</b>
PROPOSED NEW MH 1	4.778296,100.941880 (Jalan Raja Chulan)	-	-
HDD : 1 WAY (2 <sup>ND</sup> SECTION)	4.778296,100.941880 (Jalan Raja Chulan)	4.776636,100.941494 (Jalan Raja Chulan)	<b>190m</b>
PROPOSED NEW MH 2	4.776636,100.941494 (Jalan Raja Chulan)	-	-
HDD : 1 WAY (3 <sup>RD</sup> SECTION)	4.776636,100.941494 (Jalan Raja Chulan)	4.774999,100.941442 (Jalan Raja Chulan)	<b>200m</b>
PROPOSED NEW MH 3	4.774999,100.941442 (Jalan Raja Chulan)	-	-
HDD : 1 WAY (4 <sup>TH</sup> SECTION)	4.774999,100.941442 (Jalan Raja Chulan)	4.774482,100.942282 (Jalan Daeng Selili)	<b>170m</b>
PROPOSED NEW MH 4	4.774482,100.942282 (Jalan Daeng Selili)	-	-
HDD : 1 WAY (5 <sup>TH</sup> SECTION)	4.774482,100.942282 (Jalan Daeng Selili)	4.773755,100.942239 (Jalan Daeng Selili)	<b>90m</b>
PROPOSED NEW MH 5	4.773755,100.942239 (Jalan Daeng Selili)	-	-
HDD : 1 WAY (6 <sup>TH</sup> SECTION)	4.773755,100.942239 (Jalan Daeng Selili)	4.772898,100.942246 (Jalan Daeng Selili)	<b>110m</b>
PROPOSED NEW MH 6	4.772898,100.942246 (Jalan Daeng Selili)	-	-
HDD : 1 WAY (7 <sup>TH</sup> SECTION)	4.772898,100.942246 (Jalan Daeng Selili)	4.772918,100.942482 (Jalan Temenggong)	<b>40m</b>
PROPOSED NEW MH 7	4.772918,100.942482 (Jalan Temenggong)	-	-
<b>TOTAL HDD</b>			<b>965m</b>