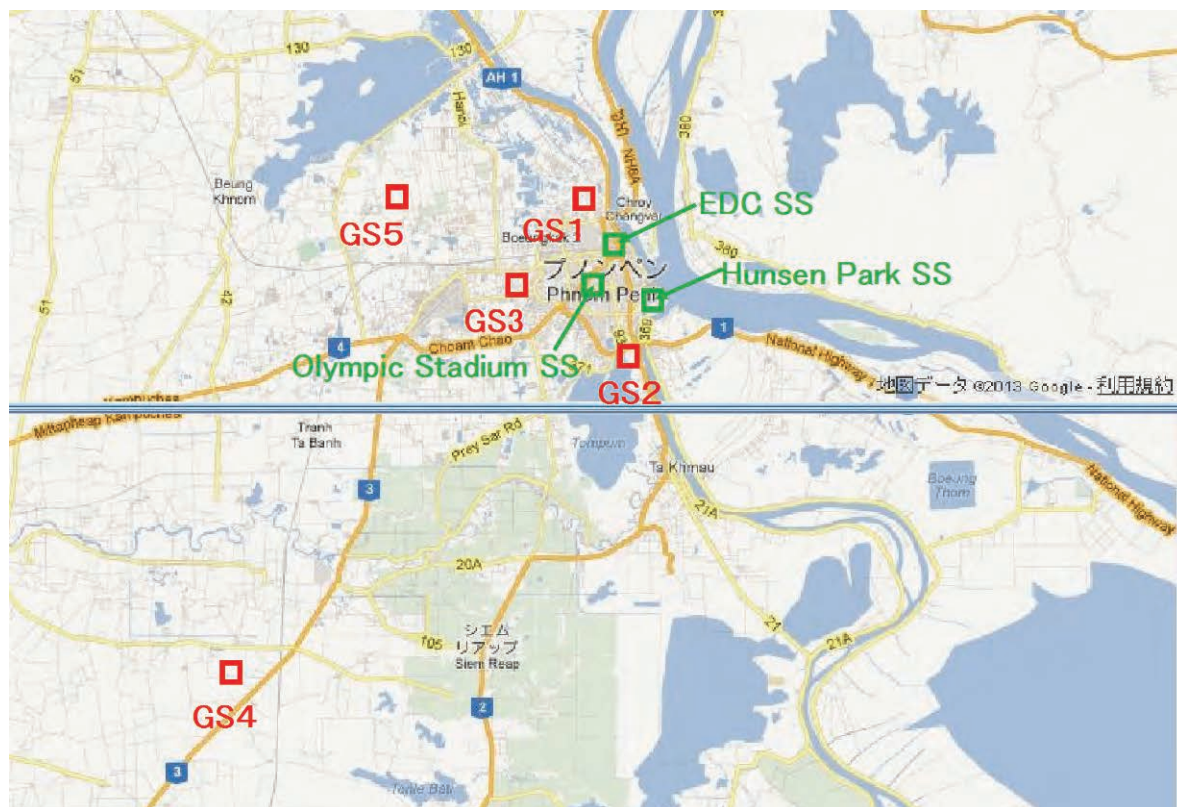


## Appendix 4.1.1



## Existing substation and new substation

Existing • New	Substation	Required expansions/Facilities
Existing substation	GS-1	Installation of 115kV Feeder Bays for Underground cables.
	GS-2	
	GS-3	Installation of relay panels and telecommunication facilities. Expansion & of Substation Automation System
	GS-4	Out of the scope of this project
	GS-5	Under construction
New substations	EDC SS	115kV/22kV、 50MVA Trans.X2
	Hunsen Park SS	115kV/22kV、 50MVA Trans.X2
	Olympic Stadium SS	115kV/22kV、 50MVA Trans.X2

**【GS-1】**

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②



③



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**【GS-2】**

①



②



③



④



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⑥





**【GS-3】**

①



②



③



④



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⑥





**【GS-4】**

①



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③



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**【GS-5】**

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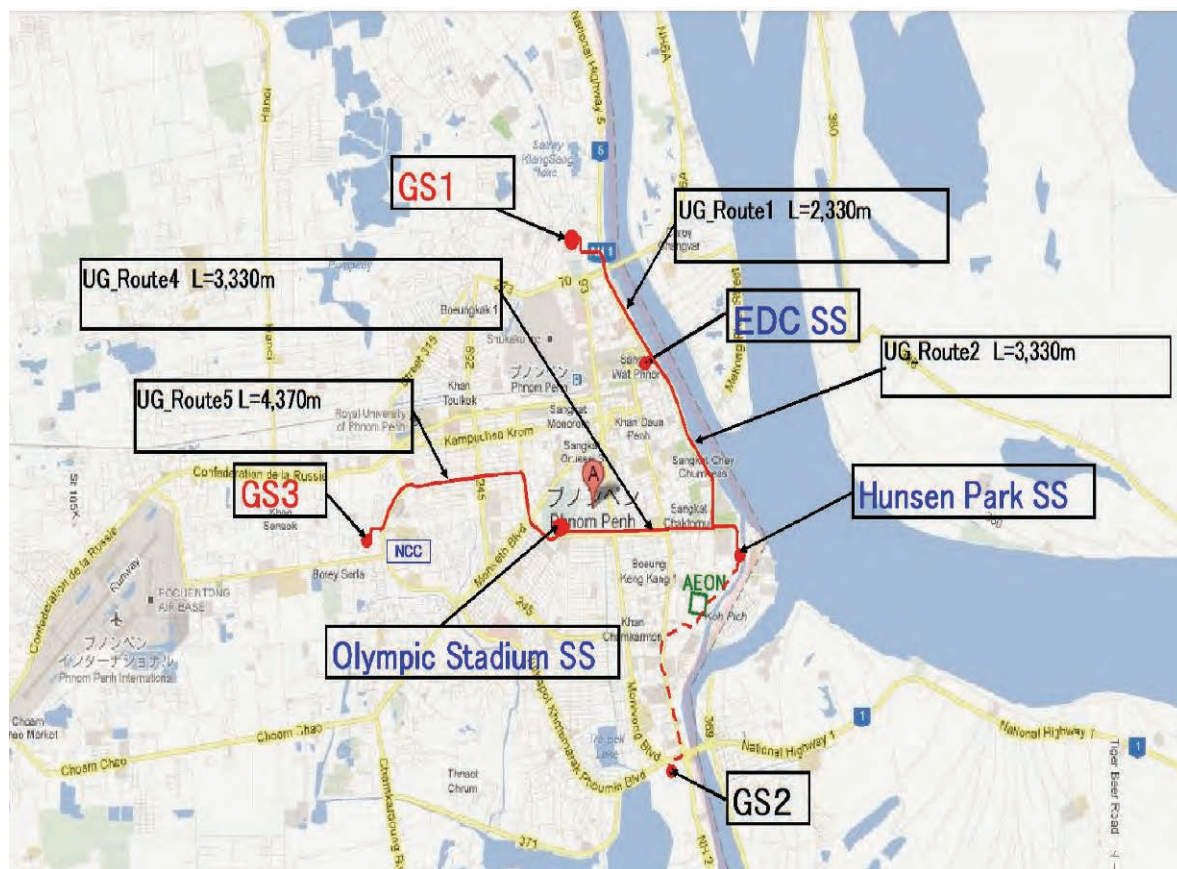


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## Appendix 4.1.2-1



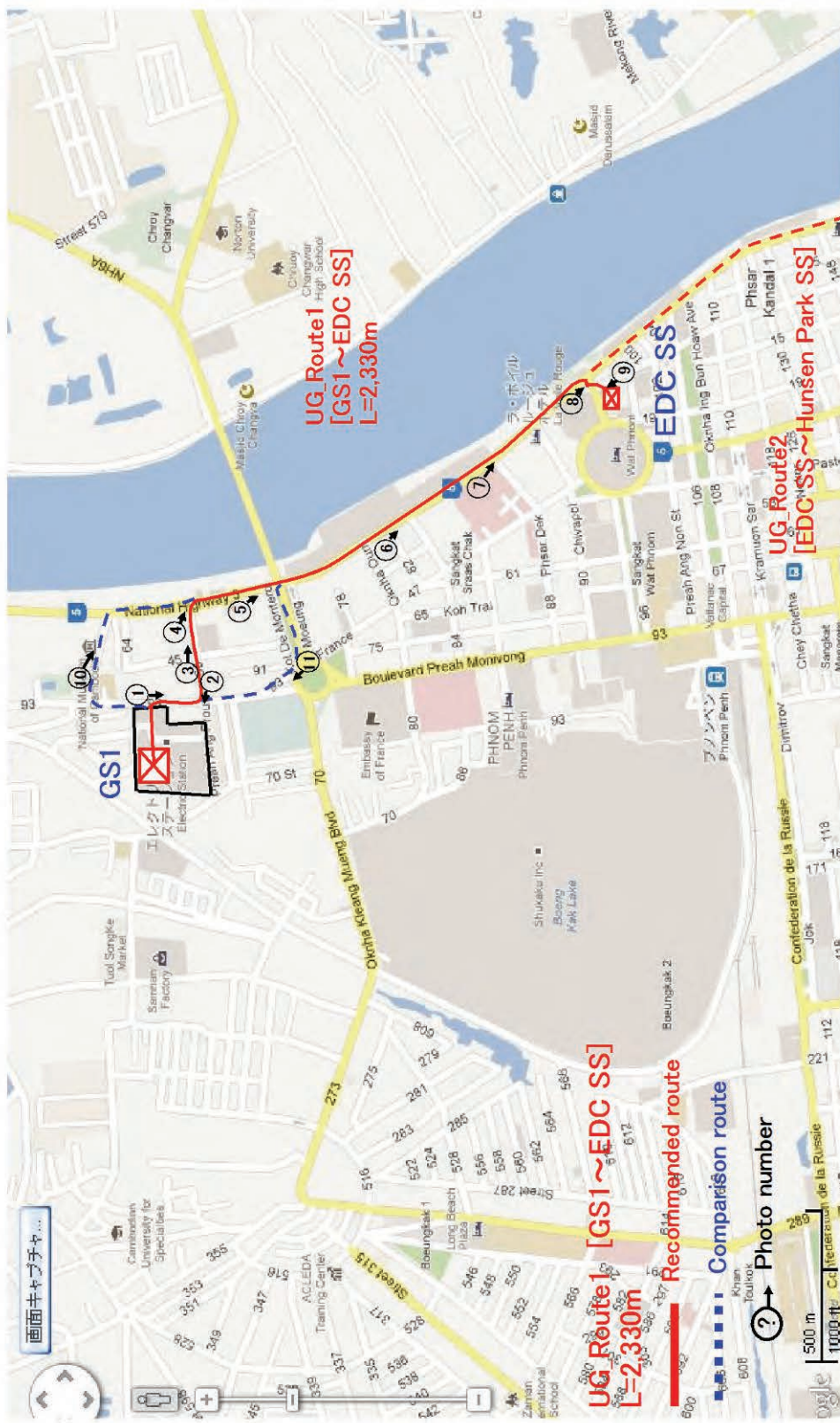
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## Candidate transmission line routes

Route	Location	Distance(m)
UG_Route1	[GS1~EDC SS]	2,330m
UG_Route2	[EDC SS~Hunsen Park SS]	3,330m
UG_Route3	[Hunsen Park SS~GS2]	(3,810m)
UG_Route4	[Olympic Stadium SS~Hunsen Park SS]	3,330m
UG_Route5	[GS3~Olympic Stadium SS]	4,370m
Total distance		13,360m (17,170m)

( ) : UG\_Route3 distance

**【UG\_Route1】 [GS1~EDC SS] L=2,330m**



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**UG\_Route1 Map**



【UG\_Route1】 [GS1~EDC SS] L=2,330m

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【UG\_Route1】 [GS1~EDC SS] L=2,330m

⑦



⑧



⑨



⑩



⑪





**[UG\_Route2] [EDC SS~Hunsen Park SS] L=3,330m**



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**UG\_Route2 Map**



【UG\_Route2】 [EDC SS~Hunsen Park SS] L=3,330m

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**【UG\_Route2】 [EDC SS~Hunsen Park SS] L=3,330m**

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⑧



⑨



⑩



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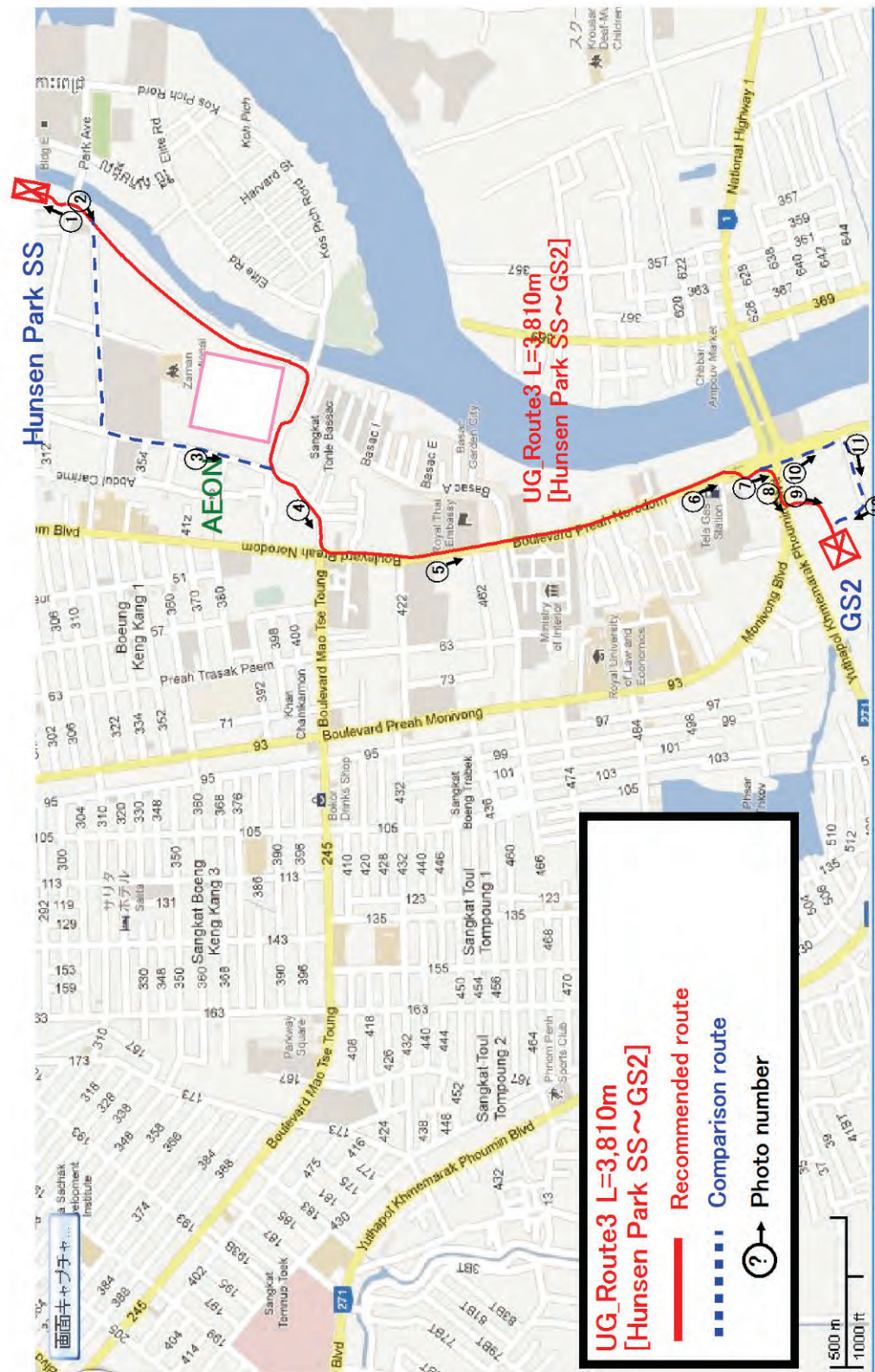


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**[UG\_Route3] [Hunsen Park SS~GS2] L=3,810m**



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UG\_Route3 Map



【UG\_Route3】 [Hunsen Park SS~GS2] L=3,810m

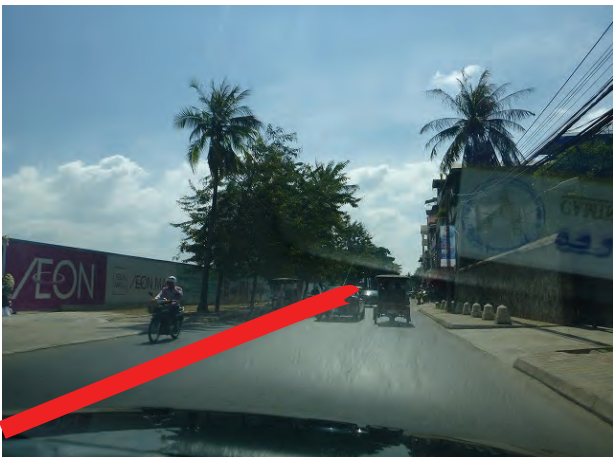
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**【UG\_Route3】 [Hunsen Park SS~GS2] L=3,810m**

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**【UG\_Route4】 [Olympic Stadium SS~Hunsen Park SS] L=3,330m**

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③Candidate site(Non-adoption)



④Candidate site(Second)



⑤Candidate site(Top)

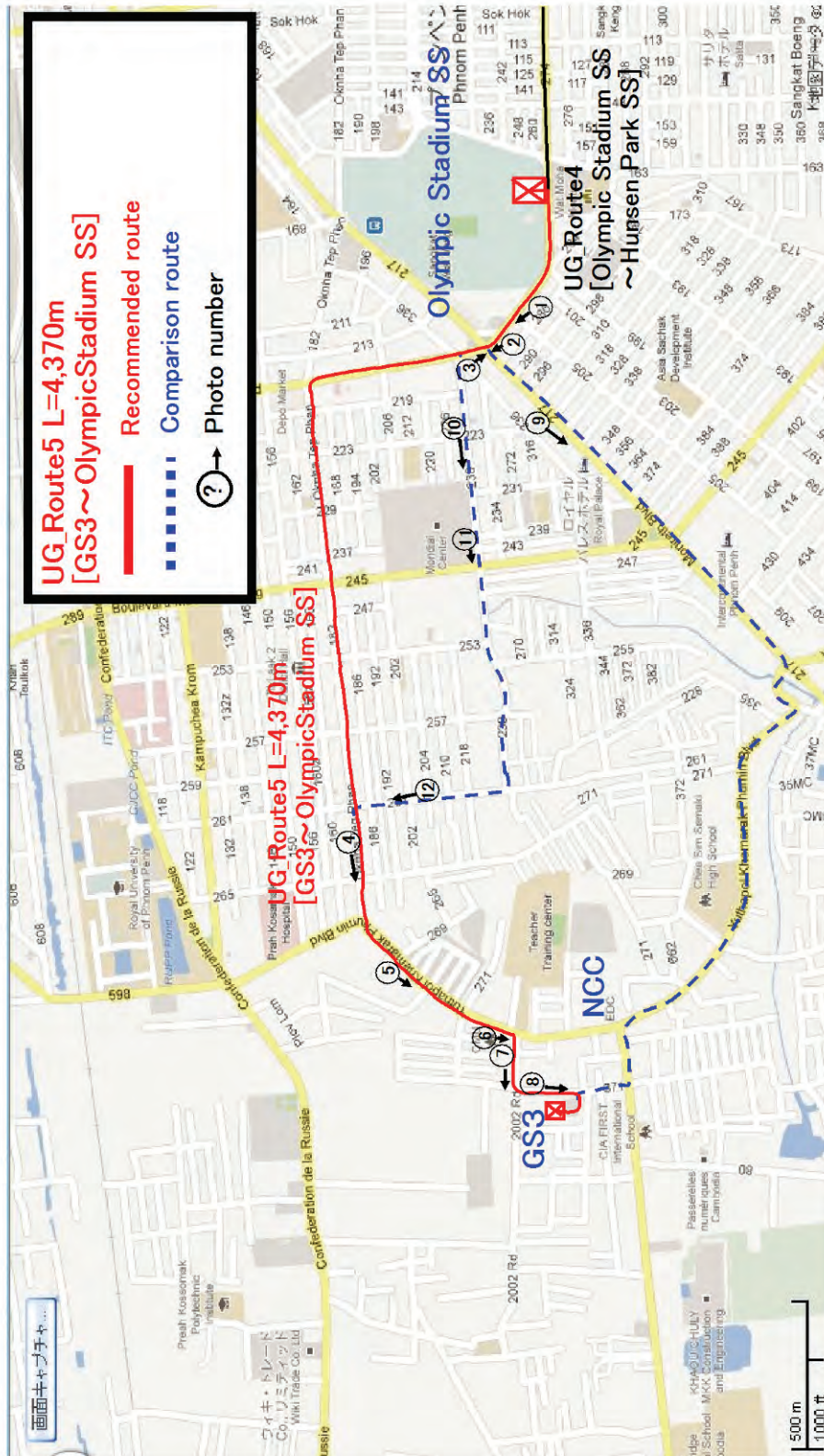


⑥Candidate site(Non-adoption)





**[UG\_Route5] [GS3~OlympicStadium SS] L=4,370m**



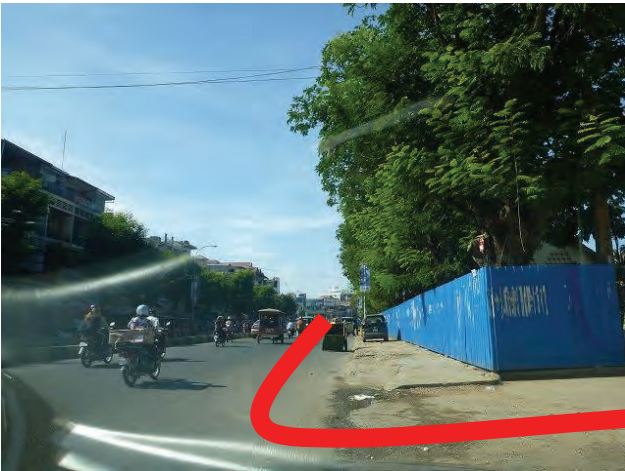
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**UG\_Route5 Map**



【UG\_Route5】 [GS3~OlympicStadium SS] L=4,370m

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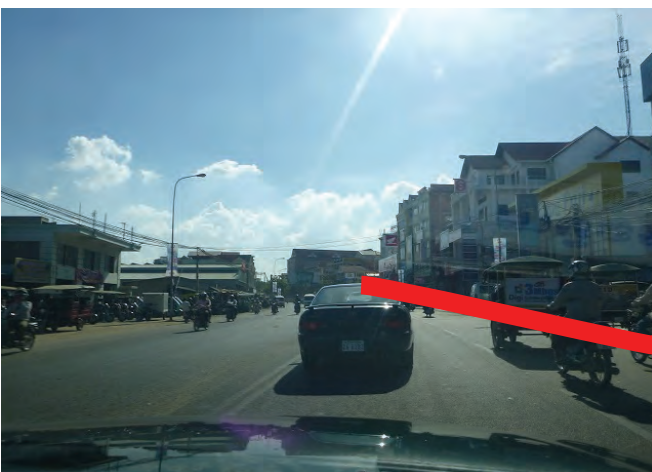
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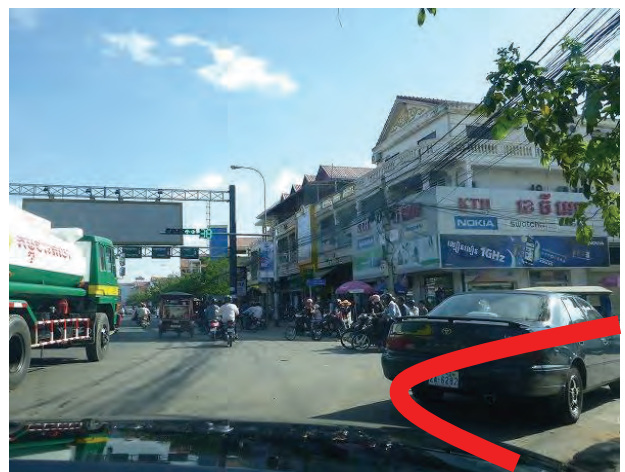
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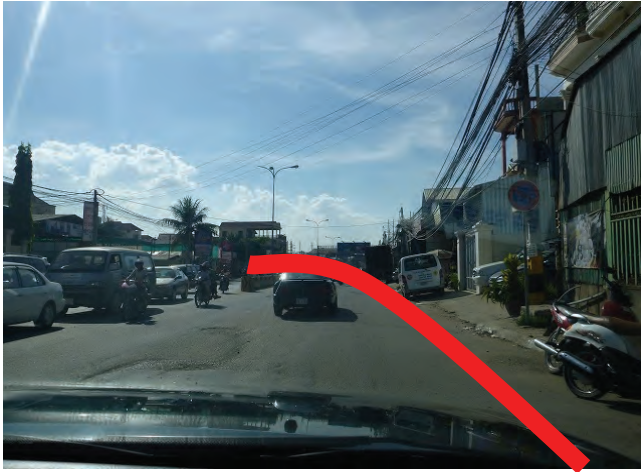
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【UG\_Route5】 [GS3~OlympicStadium SS] L=4,370m

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