

Project Description the Construction of the Wildlife Corridor and Widening of the National Highway No. 304

“Development in compatible with the Conservation”

Project Name	Project the Construction A. Kabinburi to A. Paktongchai (Wildlife Corridor) Prachinburi	Project the Construction A. Kabinburi to A.Wangnomkhiao Section 3 Nakhon Ratchasima Prachinburi (Part 1)	Project the Construction A. Kabinburi to A.Wngnomkhiao Section 3 Nakhon Ratchasima Prachinburi (Part 2)
Contracts	BB.17/2015 Dated 16 JULY 2015	BB.14/2015 Dated 9 JUNE 2015	BB.16/2015 Dated 24 JUNE 2015
Contract Start Date	17JULY 2015	10 JUNE2015	25 JUNE2015
Completion Date	30JUNE 2018	24 MAY2018	8 JUNE 2018
Construction Period (Days)	1,080	1,080	1,080
The Number Highway	304	304	304
KM. Start	191 + 860	207 + 760	216 + 560
KM. End	195 + 310	216 + 560	223 + 269
Distance (Km.)	3,450	8,800	6,709
Contract Values (Baht)	1,319,257,000	795,365,000	794,200,000
Liquidated Damages Per Day (Baht)	3,298,142.50	1,988,412.50	1,985,500.00
Contractors	ITALIAN-THAI DEVELOPMENT PCL.	ITALIAN-THAI DEVELOPMENT PCL.	TANASIN PATANA (1999) CO.,LID
Construction Supervision	Bureau of Bridge Construction,DOH	Bureau of Bridge Construction,DOH	Bureau of Bridge Construction,DOH
Project Manager	Mr. Burin Nowpongthai	Mr.Chavalert Lerchavanakul	Mr. Chavalert Lerchavanakul
Project Engineer	Mr.Pornchai Silarom	Mr.Pornwallop Chanpraphatson	Mr.Teeraphol Piyamanothorn
Inquiry Call	061-090-6080	089-446-1957	081-307-7334
Work Progress (%)			
Planned Progress	29.170	31.878	24.959
Actual Progress	14.841	7.596	5.677
+ Ahead/ -Delay	-14.329	-24.282	-19.282
Obstruction/Problems	- Trees and public utilities in the Area - The operation in the national park.	- Trees and public utilities in the Area - The operation in the national park.	- Trees and public utilities in the Area - The operation in the national park.
Remedial Measures	- On-going co-ordinations	- On-going co-ordinations	- On-going co-ordinations

Status SummaryatMonth July 2016



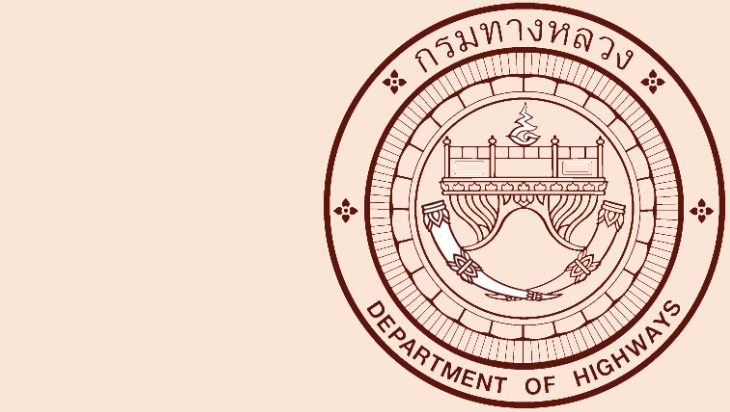
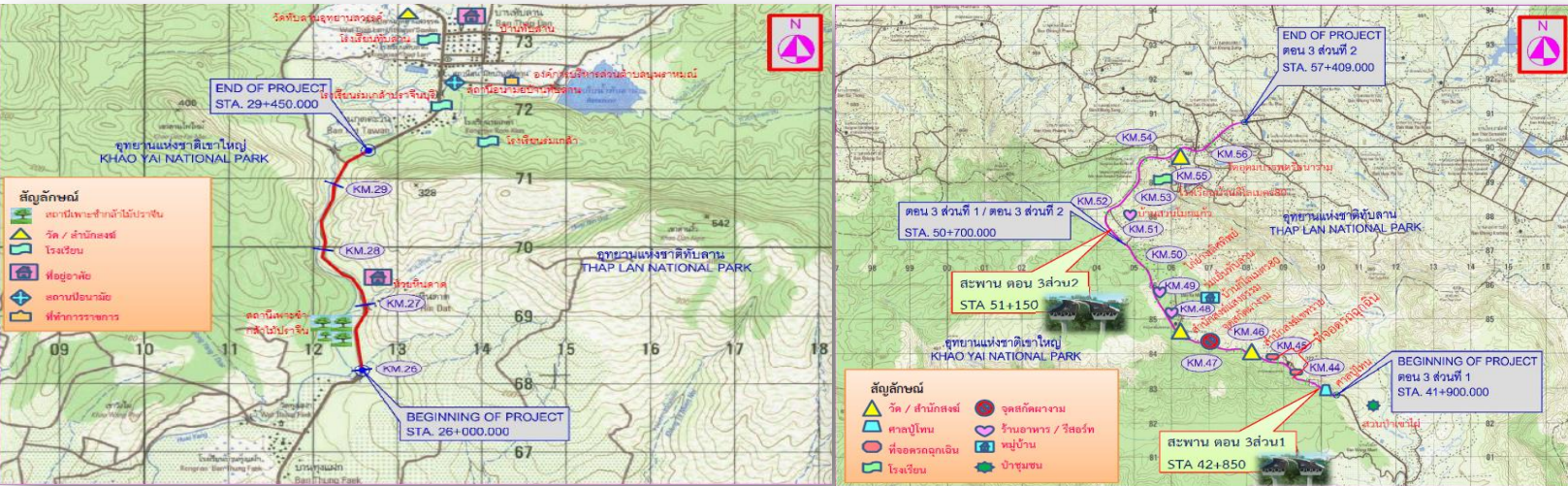
Total Length
18,959 Kilometer
Total Construction Cost
2,908.822Million Baht.

Overview
Progress of the Work

28.761

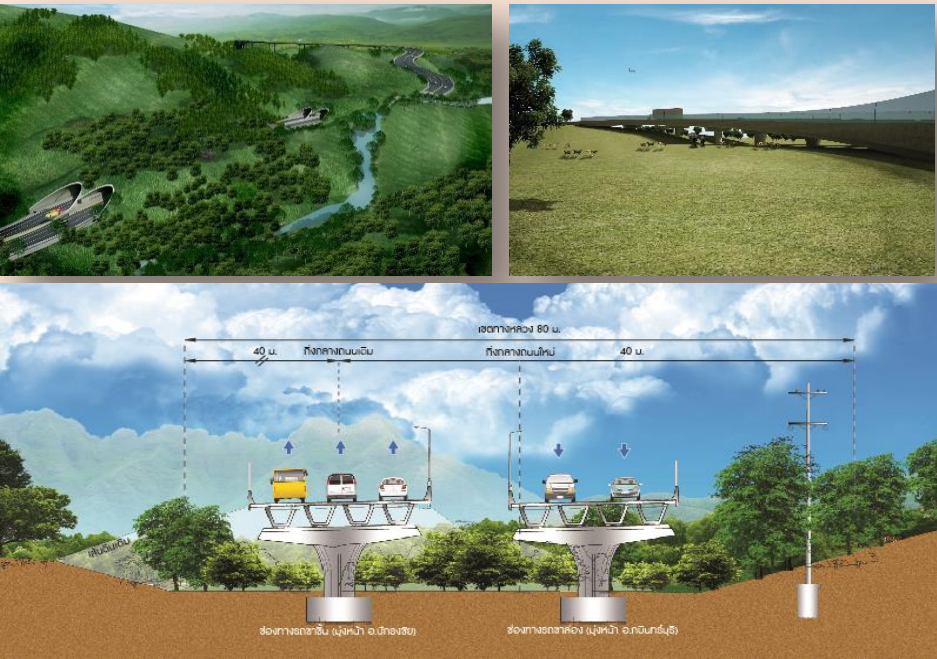
10.358

-18.403



Department of Highways
Ministry of Transport

Project Construction of the Wildlife
Corridor and Widening of the
National Highway No. 304



A. Kabinburi to A. Paktongchai (Wildlife Corridor) project
A.Kabinburi to A. Wangnomkhiao (Section 3Part 1) project
A.Kabinburi to A. Wangnomkhiao (Section 3Part 2) project

Department of Highways



Objectives of the Project

The Highway Route No. 304 from km. 191+860.000 to km. 195+310.000 (existing km. 26 to km. 29) and approx. km. 207+760 to km.223+269. (existing km. 42 to km. 57) which are in Prachinburi and Nakhon Ratchasima is two-lane two-direction traffic highway and have caused bottlenecks while the other portion of this route had been expanded to have four lanes-two direction traffic, and there are large numbers of accidents in each year. This route has to support the increasing traffic volume and be the route that pass through Donphayayen–Khaoyai forest areas in Khaoyai National Park and Tublan National Park. These areas have been performing as the wildlife corridors for developing ecology system of the forest.



Department of Highways has realized the importance of highway development based on nature conservation. In 2558 to 2561 B.E. fiscal year, Department of Highways started both the expansion of the Highway Route No. 304 and construction of the wildlife corridor project together (approx. km.191+860.000 to 195.465.000 and approx. km.207+760 to km.223+269) for expand two-way traffic to four-way traffic totally approx. 19 km. long to reduce the numbers of accidents, support the increasing traffic and become the Khaoyai and Tublan National Park corridors. The project can help protecting valuable bio-diversity of Dong Pha Ya Yen and Khaoyai Forest, the World Heritage Site.

The Project has been divided into 3 Construction Contracts as follows.

1. A. Kabinburi to A. Paktongchai (Wildlife Corridor) Project
2. A. Kabinburi to A. Wangnomkhiao (Section 3 Part 1) Project
3. A. Kabinburi to A. Wangnomkhiao (Section 3 Part 2) Project

The details of each contract are shown in the table

Prime Objectives:

1. To decrease possibility of accidents and facilitate travelling.
2. To support increasing traffic in the future.
3. To support Local Economy, Social and Tourism development.
4. To connect Dong Pha Ya Yen – Khaoyai forest to be National park and the World Heritage Site.

Expected Results:

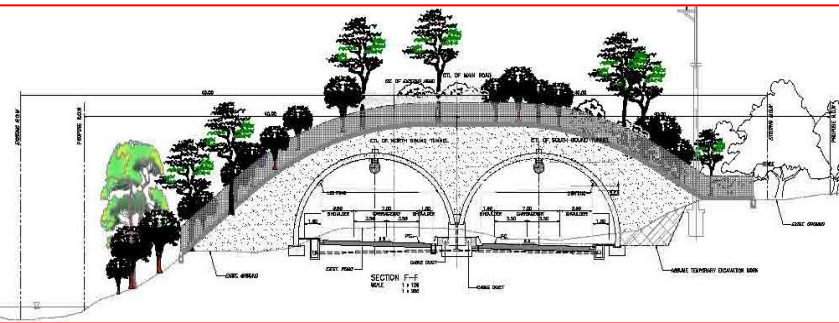
1. Initiating stability of traffic and transportability.
2. Initiating safe and comfortable transportation and decrease life and asset losses.
3. To protect and maintain the path of wildlife including conservative bio-diversity in ecology system and sustainable development together.
4. Develop the knowledge of wildlife corridor for apply to other roadway construction that will pass through preserve areas.



Project Location (map) on Highway Route 304
Approx. KM. 191 – KM. 223 Prachinburi - Nakhon Ratchasima
District for Dong Pha Ya Yen – Khaoyai Forest Corridor.



Model of Wildlife Corridor (Wild Life Overpass and Underpass)
Approx. KM.191+860.000 – KM. 195+465.000



Cut & Cover tunnel cross section wildlife overpass
Approx. KM. 194+600 – KM. 194+900



Elevated Structure cross section for Wildlife Underpass
About KM. 193+500, KM.208+800 and KM. 217+000



Emergency Ramp at between KM. 210 and KM.211
For out-of-control trucks and vehicles



The Bridge Links local road cross section
San – Chao Por Lung – Rat intersection (approx. KM. 211+500)

Environmental Resolution and Protection Plan

The project has been planned to deal with Environment Effects as following:

- | | |
|--|---|
| 1. Gentle topography | 12. Transportation and Accident Mitigation |
| 2. Soil Resource | 13. Land Uses |
| 3. Hydrology, Flood Protection and Surface Drainage | 14. Public Interest |
| 4. Surface Water Quality and Environment | 15. Health and Safety in the affected areas |
| 5. Air Quality | 16. Economy and Social Issues |
| 6. Risk Management | 17. Suggestions and Complaints |
| 7. Vibration Control | 18. Aesthetics |
| 8. Forest Ecology | 19. Landscaping |
| 9. Forest Resources | 20. Emergency Management and Rescues |
| 10. Wild Animal Ecology | |
| 11. Provision of the Guide Fence for Wildlife along the At-Grade Road Crossings. | |

Contact for Inquiries/Recommendation/Complaint: Wildlife Corridor Information Center, Department of Highway

Address: Highway N0.304 Km.201+200 T. Bu Bhram A. Nadi, Prachin Buri

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