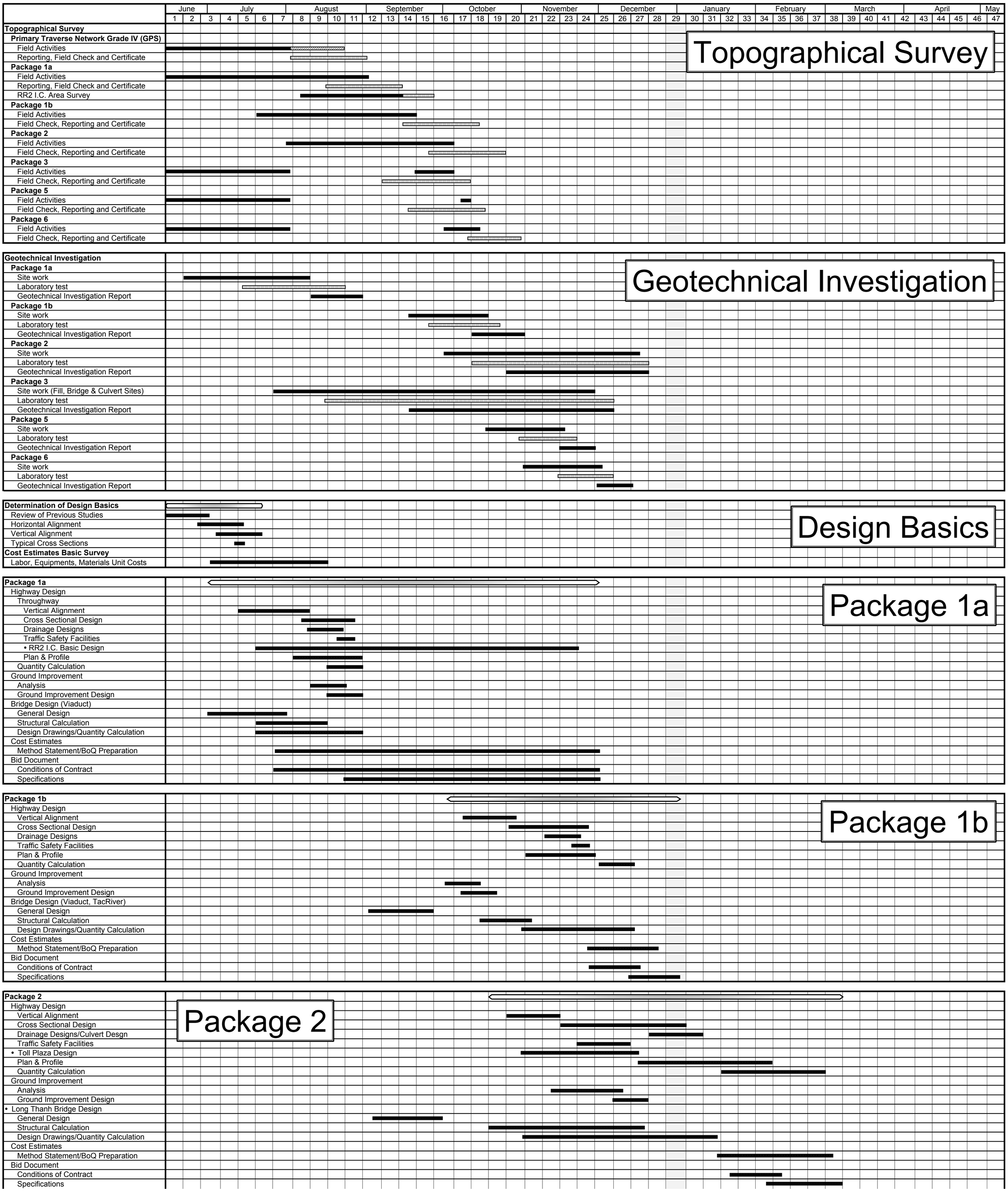
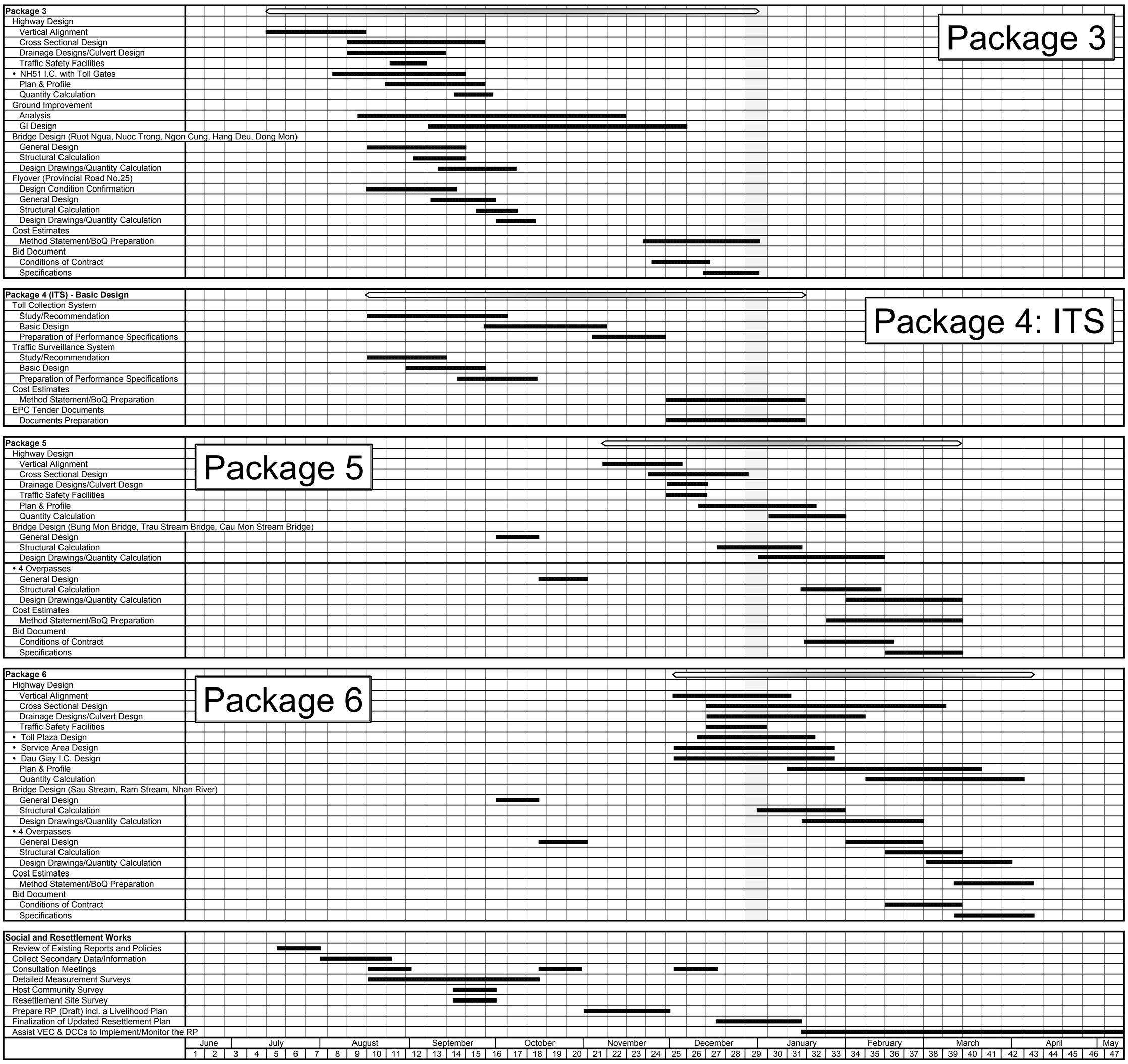
Ho Chi Minh-Long Thanh-Dau Giay Expressway Technical Assistance




Package 3
Package 4: ITS
Package 5
Package 6
Package 3
Highway Design
Vertical Alignment
Cross Sectional Design
Drainage Designs/Culvert Design
Traffic Safety Facilities
• NH51 I.C. with Toll Gates
Plan & Profile
Quantity Calculation
Ground Improvement
Analysis
GI Design
Bridge Design (Ruot Ngua, Nuoc Trong, Ngon Cung, Hang Deu, Dong Mon)
General Design
Structural Calculation
Design Drawings/Quantity Calculation
Flyover (Provincial Road No.25)
Design Condition Confirmation
General Design
Structural Calculation
Design Drawings/Quantity Calculation
Cost Estimates
Method Statement/BoQ Preparation
Bid Document
Conditions of Contract
Specifications
Package 4 (ITS) - Basic Design
Toll Collection System
Study/Recommendation
Basic Design
Preparation of Performance Specifications
Traffic Surveillance System
Study/Recommendation
Basic Design
Preparation of Performance Specifications
Cost Estimates
Method Statement/BoQ Preparation
EPC Tender Documents
Documents Preparation
Package 5
Highway Design
Vertical Alignment
Cross Sectional Design
Drainage Designs/Culvert Desgn
Traffic Safety Facilities
Plan & Profile
Quantity Calculation
Bridge Design (Bung Mon Bridge, Trau Stream Bridge, Cau Mon Stream Bridge)
General Design
Structural Calculation
Design Drawings/Quantity Calculation
• 4 Overpasses
General Design
Structural Calculation
Design Drawings/Quantity Calculation
Cost Estimates
Method Statement/BoQ Preparation
Bid Document
Conditions of Contract
Specifications
Package 6
Highway Design
Vertical Alignment
Cross Sectional Design
Drainage Designs/Culvert Desgn
Traffic Safety Facilities
• Toll Plaza Design
• Service Area Design
• Dau Giay I.C. Design
Plan & Profile
Quantity Calculation
Bridge Design (Sau Stream, Ram Stream, Nhan River)
General Design
Structural Calculation
Design Drawings/Quantity Calculation
• 4 Overpasses
General Design
Structural Calculation
Design Drawings/Quantity Calculation
Cost Estimates
Method Statement/BoQ Preparation
Bid Document
Conditions of Contract
Specifications
Social and Resettlement Works
Review of Existing Reports and Policies
Collect Secondary Data/Information
Consultation Meetings
Detailed Measurement Surveys
Host Community Survey
Resettlement Site Survey
Prepare RP (Draft) incl. a Livelihood Plan
Finalization of Updated Resettlement Plan
Assist VEC & DCCs to Implement/Monitor the RP
June July August September October November December January February March April May
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47