

Development of Greenfield Regional Expressway on northern side of Hyderabad connecting from Girmapur village (on NH-65 at Ch 492.200 km) in Sangareddy district to Choutuppal (on NH-65 at Ch.55.400 km) in Yadadri Bhuvanagiri district, via Medak and Siddipet districts comprising total design length 158.645 km, in the State of Telangana under Bharatmala Pariyojana.

Pre-Feasibility Report

Pre-Feasibility Report

NAME OF THE PROJECT- “Development of Greenfield Regional Expressway on northern side of Hyderabad connecting from Girmapur village (on NH-65 at Ch 492.200 km) in Sangareddy district to Choutuppal (on NH-65 at Ch.55.400 km) in Yadadri Bhuvanagiri district, via Medak and Siddipet districts comprising total design length 158.645 km, in the State of Telangana under Bharatmala Pariyojana”.



SUBMITTED BY

National Highways Authority of India
Dwarka, Delhi

Development of Greenfield Regional Expressway on northern side of Hyderabad connecting from Girmapur village (on NH-65 at Ch 492.200 km) in Sangareddy district to Choutuppal (on NH-65 at Ch.55.400 km) in Yadadri Bhuvanagiri district, via Medak and Siddipet districts comprising total design length 158.645 km, in the State of Telangana under Bharatmala Pariyojana.

Pre-Feasibility Report

1.0 EXECUTIVE SUMMARY

Ministry of Road Transport and Highways (MoRT&H), Government of India, has decided to improve the efficiency of freight movement in India. “National Highways Authority of India” (NHAI) has been entrusted for preparation of DPR to improve the road networks in the State of Telangana.

NHAI is engaged in the development of National Highways and as part of this endeavor, the Authority has decided to undertake the Economic Corridors, Inter-Corridors, Feeder Routes primarily to improve freight movement in the Country under Bharatmala Pariyojana Programme. Bharatmala Pariyojana focuses on optimizing efficiency of freight and passenger movement across the country by bridging critical infrastructure gaps through effective interventions like development of Economic Corridors, Inter Corridors and Feeder Routes, National Corridor Efficiency Improvement, Border and International connectivity roads, Coastal and Port connectivity roads and Green-field expressways. The project under study is Development of Northern Portion of Regional Ring Road to Hyderabad is included, Greenfield Expressway Category. M/s K&J Projects Private limited has been awarded the services for the preparation of Detailed Project Report, accordingly the LOA for consultancy services is issued by the National Highways Authority of India (NHAI) General Manager (Tech) vide letter no. NHAI/Tech/AP/HRRR/DPR/2014-18 (E-63804)/918 dated 14.07.2021.

The project road starts on NH-65 existing (near Sangareddy) @ 492.200 km (Pune-Hyderabad section) design Ch. 0+000 and ends at km 55/400 near Choutuppal on (Hyderabad - Vijayawada section) of NH 65 design Ch. 158+645.

This is a green field alignment, expressway and is proposed for 4-Lane. The main objective of the proposed project is to reduce the distance and travel time in Telangana state and more efficient traffic dispersal surrounding Hyderabad region. The project lays emphasis on development of these areas and makes them available with the resources.

The proposed expressway project with new alignment has been envisaged through an area which shall have the advantage of simultaneous development as well as shall result in a shorter distance to travel. The junctions with existing road will be planned in the form of interchanges and flyover to ensure uninterrupted flow of traffic.

The proposed road would act as the prime artery for the economic flow to this region. It will enhance economic development, provide employment opportunities to locals, strengthen tourist development, ensure road safety, and provide better transportation facilities and other facilities such as way side amenities. Vehicle operating cost will also be reduced due to improved road quality. The compensatory plantation and road side plantation shall further improve the air quality of the region.

Development of Greenfield Regional Expressway on northern side of Hyderabad connecting from Girmapur village (on NH-65 at Ch 492.200 km) in Sangareddy district to Choutuppal (on NH-65 at Ch.55.400 km) in Yadadri Bhuvanagiri district, via Medak and Siddipet districts comprising total design length 158.645 km, in the State of Telangana under Bharatmala Pariyojana.

Pre-Feasibility Report

a. SALIENT FEATURES OF THE PROJECT

Project name	Development of Greenfield Regional Expressway on northern side of Hyderabad connecting from Girmapur village (on NH-65 at Ch 492.200 km) in Sangareddy district to Choutuppal (on NH-65 at Ch.55.400 km) in Yadadri Bhuvanagiri district, via Medak and Siddipet districts comprising total design length 158.645 km, in the State of Telangana under Bharatmala Pariyojana. Proposed Length – 158.645 Km
Location	Proposed expressway starts from near Km.0+000 (i.e., on NH-65 near Sangareddy) and terminated near Km.158+645 (i.e., on NH-65 near Choutuppal) in the state of Telangana.
Latitude & Longitude	The Project corridor running west to east between latitude 17°36'15.84"N longitude 78° 2'9.52"E and latitude 17°14'48.22"N longitude 78°54'48.40"E.
Land use	Mainly Agricultural land with some patches of Reserve forest area
Nearest railway station	Srinivasa nagar Railway Station (approx. 0.65 Km, N aerial) near Toopran Ch. 56+800
Nearest Airport	Rajiv Gandhi International Airport, Hyderabad (Approx. 48 km,W aerial) from end CH. 158.645 km
Seismic Zone	The area falls under seismic zone II which is categorized as least Active zone.(As per 1893:2002)

b. PROPOSED PLANNING

Type of project	-	Expressway (New)
Project cost	-	Rs 8407.397 (approx.)
Project Length	-	158.645 km.

2.0 INTRODUCTION OF THE PROJECT/ BACKGROUND INFORMATION

a. IDENTIFICATION OF PROJECT PROPONENT

Ministry of Road Transport and Highways, Government of India, has decided to improve the efficiency of freight movement in India. National Highways Authority of India (NHAI) has been entrusted for preparation of DPR to improve the road networks in the State of Telangana.

b. BRIEF INFORMATION ABOUT THE PROJECT

The project road starts on NH-65 existing (near Sangareddy) @ 494 km (Pune-Hyderabad section) Design Ch. 0+000 and ends at km 55/60 near Choutuppal on (Hyderabad - Vijayawada section) of NH 65 Design Ch. 158+645. The total length of the proposed highway is approx.158.645 km. The proposed project expressway will pass through 04 districts of Telangana namely Sangareddy, Medak, Siddipet, Yadadri Bhuvanagiri.

c. NEED FOR THE PROJECT AND ITS IMPORTANCE TO THE COUNTRY OR REGION

The proposed expressway project with new alignment has been envisaged through an area which shall have the advantage of simultaneous development as well as shall result in a shorter distance to travel. The junctions with existing road will be planned in the form of interchanges and flyover to ensure uninterrupted flow of traffic.

The proposed road would act as the prime artery for the economic flow to this region. It will enhance economic development, provide employment opportunities to locals, strengthen tourist development, ensure road safety, and provide better transportation facilities and other facilities such as way side amenities. Vehicle operating cost will also be reduced due to improved road quality. The compensatory plantation and road side plantation shall further improve the air quality of the region.

d. DEMAND-SUPPLY GAP

This is a green field alignment, expressway and is proposed for 4-Lane.Vehicle operating cost will be reduced due to improved road quality and transportation will improve. It will help in development of the state and the Nation.

e. IMPORTS VS. INDIGENOUS PRODUCTION

Import/Indigenous production does not apply in the present case.

f. EXPORT POSSIBILITY

Not applicable in the present case.

g. DOMESTIC/ EXPORT MARKETS

Not applicable in the present case.

h. EMPLOYMENT GENERATION

During the construction of the road project around 1500 persons would be employed temporarily for a period of 2.5 years. However due to construction of toll plazas approx. 200 persons will be employed on permanent basis. The total manpower requirement for the project is 2000. Preference will be given to local people for employment. The Project will enhance economic development in the area through industrial growth, agricultural, and commercial development and consequent employment generation, savings in travel time & shall provide easy access to social infrastructure.

Development of Greenfield Regional Expressway on northern side of Hyderabad connecting from Girmapur village (on NH-65 at Ch 492.200 km) in Sangareddy district to Choutuppal (on NH-65 at Ch.55.400 km) in Yadadri Bhuvanagiri district, via Medak and Siddipet districts comprising total design length 158.645 km, in the State of Telangana under Bharatmala Pariyojana.

3.0 PROJECT DESCRIPTION

a. TYPE OF PROJECT INCLUDING INTERLINKED AND INTERDEPENDENT PROJECTS, IF ANY

The project is independent project, and it is a part of the Bharatmala Pariyojana of MoRTH.

b. LOCATION

The project road starts on NH-65 existing @ 492.200 km (Pune-Hyderabad section) Design Ch. 0+000 and ends at km 55/400 near Choutuppal on (Hyderabad - Vijayawada section) of NH 65 Design Ch. 158+645. The total length of the proposed highway is approx.158.645 km. The proposed project expressway will pass through 04 districts of Telangana namely Sangareddy, Medak, Siddipet, Yadadri Bhuvanagiri.

c. DETAILS OF ALTERNATE SITES

Three alternative alignments have been considered; option (i) Proposed alignment, option (ii) on the left-hand side of the proposed alignment and option (iii) on the right-hand side of the proposed alignment.

d. SIZE OR MAGNITUDE OF OPERATION

Length of the project: 158.645 km, having proposed RoW of 100 m.

e. GEOLOGY AND AGRICULTURE

The Geology of study area comprises of major rocks like Granites & gneisses, shales, phyllites and dolomites, sandstones etc. Soil type basically comprises of Chalaka, Dubba and black soils. The terrain of the alignment is basically flat to undulating in nature.

Telangana state has considered agriculture as its primary goal to improve farmer community wellness, educate on latest technical farming knowledge, train framers to boost the agricultural production and productivity. In three major zones namely, Northern Zone, Central Zone and Southern Zone. Crops that are grown in Telangana are Rice, Maize/ Corn, Red Gram, Green Gram, Jowar, Sesame, Castor, Cotton, Groundnut, Soyabean , Black Gram to mention a few.

f. PRODUCTION PARAMETERS

Not Applicable in the present context.

g. DESIGN PARAMETERS

The proposed project is expressway will be designed based on manual of specifications and standards for Expressway IRC: SP: 99-2013. The width of RoW will be 100 m.

h. PROJECT DESCRIPTION WITH PROCESS DETAILS

No process is applicable being a construction project.

i. BLASTING

No blasting is proposed to be done.

j. RAW MATERIAL REQUIRED ALONG WITH ESTIMATED QUANTITY, LIKELY SOURCE, MARKETING AREA OF FINAL PRODUCT/S, MODE OF TRANSPORT OF RAW MATERIAL AND FINISHED PRODUCT

Materials requirement are Cement-3,49,176.44 MT, Coarse Aggregate-61,54,934.30 Cum, Fine Aggregate-3,72,808.62 Cum, Steel-1,53,248.51 MT, Bitumen-81,983.06 MT, Bitumen Emulsion 3,822.15 MT, Filler-24,300.32 MT, Borrow Earth -2,24,11,377.94 Cum, Flyash-65,688.00 Cum, Water-54,99,151.36 KL, Stone / Boulders-1,20,700.25 Cum, Gravel for Back filling-3,74,911.57 Cum. EPC Contractor before the start of construction would assess the actual quantity required and take necessary approval, if required. However, Steel and Cement would be sourced from Authorized Vendor. Soil, Sand and Aggregate will be procured from operational licensed borrow areas and quarries located around nearby areas. If any new borrow area or quarry site require to be opened, requisite permission will be obtained from concerned department before extraction of materials.

k. RESOURCE OPTIMIZATION/ RECYCLING AND REUSE

Kakatiya Thermal Power Plant, Chelapur (155 km), NTPC Ramagundam (150 km) and Kothagudam Thermal Power Plant (220 km), Yadadri Thermal Power Plant (170 km), Nalgond from proposed project alignment and the fly ash will be used in the project depending upon their availability as per fly ash notification 2016 of MoEF&CC.

l. AVAILABILITY OF WATER ITS SOURCE, ENERGY / POWER REQUIREMENT AND SOURCE

• Water Requirement

Development of Greenfield Regional Expressway on northern side of Hyderabad connecting from Girmapur village (on NH-65 at Ch 492.200 km) in Sangareddy district to Choutuppal (on NH-65 at Ch.55.400 km) in Yadadri Bhuvanagiri district, via Medak and Siddipet districts comprising total design length 158.645 km, in the State of Telangana under Bharatmala Pariyojana.

Pre-Feasibility Report

The average water requirements is anticipated at 54,99,151.36 KLD approx. during construction stage and will be extracted from suitable surface sources (canals) or ground water after obtaining necessary permissions from the competent authority.

- **Power**

Diesel generator and State Electricity Board will provide electricity required for construction equipment. Labor camps will be provided with LPG as fuel sourced from GOI authorized Supplier.

- m. **QUANTITY OF WASTES TO BE GENERATED (LIQUID AND SOLID) AND SCHEME FOR THEIR MANAGEMENT/ DISPOSAL**

- **Solid Waste Generation & its Disposal**

Solid waste will be generated from construction camp and dismantling of existing structures. Unproductive/wastelands shall be selected for dumping sites away from residential areas and water bodies. The following precaution will be taken for disposal:

- Dumping sites must be having adequate capacity equal to the amount of debris generated.
- Public perception and consent from the village Panchayats has to be obtained before finalizing the location.
- Develop waste management plan for various specific waste streams (e.g., reusable waste,
- Organize disposal of all wastes generated during construction in an environmentally acceptable manner. This will include consideration of the nature and location of disposal site, so as to cause less environmental impact.
- Minimize the production of waste materials by 3R (Reduce, Recycle and Reuse) approach.
- Segregate and reuse or recycle all the wastes, wherever practical.
- Prohibit burning of solid waste
- Collect and transport non-hazardous wastes to all the approved disposal sites. Vehicles transporting solid waste shall be covered with tarps or nets to prevent spilling waste along the route

Development of Greenfield Regional Expressway on northern side of Hyderabad connecting from Girmapur village (on NH-65 at Ch 492.200 km) in Sangareddy district to Choutuppal (on NH-65 at Ch.55.400 km) in Yadadri Bhuvanagiri district, via Medak and Siddipet districts comprising total design length 158.645 km, in the State of Telangana under Bharatmala Pariyojana.

Pre-Feasibility Report

- Train and instruct all personnel in waste management practices and procedures as a component of the environmental induction process.
- Provide refuse containers at each worksite.
- Request suppliers to minimize packaging where practicable.
- Place a high emphasis on good housekeeping practices.
- Maintain all construction sites in a cleaner, tidy and safe condition and provide and maintain appropriate facilities as temporary storage of all wastes before transportation and final disposal.

- **Liquid Effluent**

The sewage water generated in construction camp will be disposed through soak pits.

4.0 SITE ANALYSIS

a. CONNECTIVITY

The proposed project starts from near Girmapur village near Sangareddy town on NH-65 (Ch. 0+000) and ends near Choutuppal town on NH-65 (Ch. 158+645) in the state of Telangana. The proposed alignment is connected with Sangareddy (3 km away), Narsapur (4 km away), Toopran (2.5 km away), Gajwel (4.5 km away), Yadagirigutta (4 km away), Bhongir (4 km away), Valigonda (4.5km away), Choutuppal (1 km away), Hyderabad (35 km away), Siddipet (38 km away) and Medak (28 km away).

b. LANDFORM, LANDUSE AND LAND OWNERSHIP

- **Land Use**

The project area is mostly agricultural land followed with Reserve Forest.

- **Land Ownership**

The existing land use around the proposed project primarily comprises of agricultural land both under private & government ownership and Reserve Forest Area.

TOPOGRAPHY

The project area is located in the state of Telangana. The topography in the proposed project area is mainly plain and rolling area. The areas have an elevation ranging from 330m to 606m.

Development of Greenfield Regional Expressway on northern side of Hyderabad connecting from Girmapur village (on NH-65 at Ch 492.200 km) in Sangareddy district to Choutuppal (on NH-65 at Ch.55.400 km) in Yadadri Bhuvanagiri district, via Medak and Siddipet districts comprising total design length 158.645 km, in the State of Telangana under Bharatmala Pariyojana.

Pre-Feasibility Report

EXISTING LAND USE PATTERN

The existing land use around the proposed project primarily comprises of agricultural land both under private and government ownership, land for cattle grazing, forest.

e. EXISTING INFRASTRUCTURE & SENSITIVE ECOLOGICAL LOCATIONS

S.No.	Areas	Name / Identity	Aerial distance (within 10 km.) Proposed project location boundary
1	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value	Yes	ESZ Manjeera Wild Life Sanctuary-1.4km NW
2	Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests	Yes	ESZ Manjeera Wild Life Sanctuary-1.4km NW
3	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration	Yes	Reserve forest = Approx. 51.40 ha.
4	Inland, coastal, marine or underground waters	Yes	Ponds - 06 Nos., Canals – 10 Nos, Drains – 25 Nos, Stream – 13 No. and Distributary – 180 Nos.
5	State, National boundaries	No	-
6	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas	Yes	NH-65 (Pune-Hyderabad Highway).
7	Defense installations	No	-
8	Densely populated or built-up area	No	The proposed project alignment does not pass through any densely populated or built up area.
9	Areas occupied by sensitive man-made land uses (hospitals, schools, places of worship, community facilities)	No	The proposed project alignment does not affect any hospitals, schools, places of worship, community facilities

Development of Greenfield Regional Expressway on northern side of Hyderabad connecting from Girmapur village (on NH-65 at Ch 492.200 km) in Sangareddy district to Choutuppal (on NH-65 at Ch.55.400 km) in Yadadri Bhuvanagiri district, via Medak and Siddipet districts comprising total design length 158.645 km, in the State of Telangana under Bharatmala Pariyojana.

Pre-Feasibility Report

10	Areas containing important, high quality or scarce resources. (ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals)	Yes	Manjeera Reservoir- 2.5km in NW Mehboob Sagar Lake- 1.2 km in SE
11	Areas already subjected to pollution or environmental damage. (those where existing legal environmental standards are exceeded)	No	Not applicable
12	Areas susceptible to natural hazard which could cause the project to present environmental problems (earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions) similar effects	No	The area falls under seismic zone II.

a. SOIL CLASSIFICATION

The Project road passes through Murroom strata or Laterite soil, Silty sand, Clayey and at some places the soil strata are Black Cotton Soil except few places hard strata with hills.

CLIMATIC DATA FROM SECONDARY SOURCES

Project area experiences typical Indian climatic conditions. Summer season is hot and the temperatures can climb rapidly during the day. Monsoon season brings certain amount of rainfall and the temperatures gradually reduce during this period. After the onset of the monsoon day temperatures are much lower and as the winter approaches they reduce further.

Summer season is from March and lasts till the end of May. During this time day temperatures are high and can reach 40 °C to 42 °C. Humidity is low as it is not located near the ocean. Conditions are generally dry during this period and the temperatures range from a minimum of 35 °C and can rise up to a maximum of 40 °C to 45 °C. Monsoon season brings much needed relief from the heat. Monsoon seasons are from the months of June to September. Temperatures average around 30 °C during this period. The place gets rain from the South West Monsoon. Some amount of rainfall can be experienced in the October as well. Winter season is from December to February. January is usually the coldest parts of the year. Temperatures range around 28 °C to 34 °C during this time.

b. SOCIAL INFRASTRUCTURE

The social infrastructure like educational facilities (primary and higher secondary schools, Degree College), drinking water supply, post office, public transportation are by and large are available in the study area.

PLANNING BRIEF

Development of Greenfield Regional Expressway on northern side of Hyderabad connecting from Girmapur village (on NH-65 at Ch 492.200 km) in Sangareddy district to Choutuppal (on NH-65 at Ch.55.400 km) in Yadadri Bhuvanagiri district, via Medak and Siddipet districts comprising total design length 158.645 km, in the State of Telangana under Bharatmala Pariyojana.

Pre-Feasibility Report

PLANNING CONCEPT

The state will have its own self-sustaining eco-system consisting of economic drivers through industrialization, utility & logistic infrastructure, Social Infrastructure including education, healthcare and other public amenities. It will be connected with by a expressway as an effective means of transportation in Telangana state.

a. ASSESSMENT OF INFRASTRUCTURE DEMAND (PHYSICAL & SOCIAL)

Only basic infrastructure facilities are available in the vicinity of in the study area. The proposed road is essential for improving faster and economical transportation facilities between Sangareddy, Narsapur, Toopran, Gajwel, Yadagirigutta, Bhongir, Valigonda, Hyderabad, Siddipet and Medak.

b. AMENITIES/FACILITIES

Office, Workshop etc.

Proper site services such as First Aid, Rest Shelter, toilet with soak pits & drinking Water will be provided to the workers.

Rest Shelter

Rest shelter along with first-aid station complying with all the provisions of State Rules shall be provided by project proponent.

Water Supply

Water will be supplied for human consumption, dust suppression and for plantation from surface water sources.

Power Supply

The power supply for project and construction camp will be done through D.G. Sets and State Electricity Board.

Transport of Men and Material

Employee will report to the duty on own means. The material from the site will be transported by trucks / tractor trolleys.

Communication

Mobile phones shall be used for communication.

Security Arrangements

Development of Greenfield Regional Expressway on northern side of Hyderabad connecting from Girmapur village (on NH-65 at Ch 492.200 km) in Sangareddy district to Choutuppal (on NH-65 at Ch.55.400 km) in Yadadri Bhuvanagiri district, via Medak and Siddipet districts comprising total design length 158.645 km, in the State of Telangana under Bharatmala Pariyojana.

Appropriate security arrangement shall be made.

5.0 PROPOSED INFRASTRUCTURE

a. CONSTRUCTION SITE

Temporary arrangements like site office, rest shelters, & approach roads etc. shall be provided. No permanent infrastructure is proposed.

c. RESIDENTIAL AREA

As the local person shall be employed, no residential building / housing are proposed. However, temporary construction camp will be established.

d. SOCIAL INFRASTRUCTURE

In-line with the Social Responsibility Activities at other operational sites, relevant developmental assistance shall be rendered depending on the local needs identified through studies.

e. CONNECTIVITY

The proposed project starts from near Girmapur village near Sangareddy town on NH-65 (Ch. 0+000) and ends near Choutuppal town on NH-65 (Ch. 158+645) in the state of Telangana. The proposed alignment is connected with Sangareddy (1 km away), Narsapur (4 km away), Toopran (2.5 km away), Gajwel (4.5 km away), Yadagirigutta (4 km away), Bhongir (4 km away), Voligonda (4.5km away), Choutuppal (1 km away), Hyderabad (35 km away), Siddipet (38 km away) and Medak (28 km away).

f. DRINKING WATER MANAGEMENT

Local Water supply is used for drinking purpose.

g. SEWERAGE SYSTEM

Soak pits shall be provided to workers camp & construction site.

h. INDUSTRIAL WASTE MANAGEMENT

Not applicable, as the activity will not be generating any industrial waste.

i. SOLID WASTE MANAGEMENT

No industrial solid waste will be generated. However, municipal / construction waste generated during construction will be disposed in environmental friendly manner.

Development of Greenfield Regional Expressway on northern side of Hyderabad connecting from Girmapur village (on NH-65 at Ch 492.200 km) in Sangareddy district to Choutuppal (on NH-65 at Ch.55.400 km) in Yadadri Bhuvanagiri district, via Medak and Siddipet districts comprising total design length 158.645 km, in the State of Telangana under Bharatmala Pariyojana.

Pre-Feasibility Report

6.0 REHABILITATION AND RESETTLEMENT (R&R) PLAN

The Project requires approx. 1903.74 ha. Approx. 75 nos. of structures are coming in the proposed RoW. The land will be acquired as per procedure laid down in RFCT LARR Act, 2013.

7.0 PROJECT SCHEDULE & COST ESTIMATES

a. LIKELY DATE OF START OF CONSTRUCTION AND LIKELY DATE OF COMPLETION

Project will be started after getting requisite statutory clearances. A construction period of 2.5 years has been envisaged.

b. ESTIMATED PROJECT COST ALONG WITH ANALYSIS IN TERMS OF ECONOMIC VIABILITY OF THE PROJECT

The Total Project cost of proposed project is estimated to be approx. Rs. 8407.397 Crores.

8.0 ANALYSIS OF PROPOSAL

a. FINANCIAL AND SOCIAL BENEFITS WITH SPECIAL EMPHASIS ON THE BENEFIT TO THE LOCAL PEOPLE INCLUDING TRIBAL POPULATION, IF ANY, IN THE AREA

This part of highway starts from near Km.0+000 (i.e., on NH-65 near Sangareddy) and terminated near Km.158+645 (i.e., on NH-65 near Choutuppal) in the state of Telangana under Bharatmala Pariyojana by the Government of India. The proposed access controlled project with new alignment has been envisaged through an area which shall have the advantage of simultaneous development as well as shall result in a shorter distance to travel. The junctions with existing road will be planned in the form of interchanges and flyover to ensure uninterrupted flow of traffic.

The proposed road would act as the prime artery for the economic flow to this region. It will enhance economic development, provide employment opportunities to locals, strengthen tourist development, ensure road safety, and provide better transportation facilities and other facilities such as way side amenities. Vehicle operating cost will also be reduced due to improved road quality. The compensatory plantation and road side plantation shall further improve the air quality of the region.