



GOVERNMENT OF ASSAM
PUBLIC WORKS ROADS DEPARTMENT
O/O THE EXECUTIVE ENGINEER, PWRD, BRAHMAPUTRA BRIDGE
CONSTRUCTION DIVISION
FATASIL AMBARI, GHY-25

Justification Report for occupying Forest Land

Name of the project: Construction of Trumpet Interchange at Gauripur Junction, North Guwahati

Name of the client: Public Works Roads Department

Subject: Requirement of Forest Land for the construction of the proposed Trumpet Interchange

REPORT

The purpose of the following Justification Report is to evaluate the proposed Official Plan applications for the subject lands within the context of applicable land use policies and regulations.

The Gauripur Junction point has been a congestion point for traffic movement as the road leads to several industries and connects NH-31. Presently one project (six-lane highway) is already under construction which once finished, will create more traffic movement at the junction point. Therefore, the construction of the proposed Trumpet Interchange is necessary for smooth movement of traffic at the Gauripur junction point.

After studying and through several surveys, the following three options were preferable for hassle free movement of traffic.

Option 1: Trumpet Interchange

- Outer radius 150 m
- Forest land to be acquired : 4.9 Ha
- Displacement of families and Industries: 116 nos.
- Cost of the Trumpet Interchange: 320 Cr (approx.)

Option 2: Dual Half Clover Leaf Interchange

- Outer radius 150 m
- Forest land to be acquired : 8.3 Ha
- Displacement of families and Industries: 68 nos.
- Cost of the Trumpet Interchange: 450 Cr (approx.)

Option 3: Trumpet Interchange

- Outer radius 96 m
- Forest land to be acquired : 2.73 Ha
- Displacement of families and Industries: 71 nos.
- Cost of the Trumpet Interchange: 250 Cr (approx.)

Given the above, the proposed plan applications are designed as per the necessary criteria following the Indian Standards, etc. The proposed applications will allow for hassle free movement of traffic in an efficient manner and maintain the built form that has been long established in the community while accommodating uses that are compatible with the surrounding areas.

However, Option 1 and Option 2 will occupy more forest land areas and also displace several habitants. Option 3 is found to be the most desirable option for the Gauripur Junction as it requires less area, less displacement of habitants and less cost in comparison to the other options.