

# **SUMMER INTERNSHIP REPORT**

**(Construction of elevated section at grade improvement at Begusarai town  
section of NH-31 from design Chainage 221+047 to 225+302 in state of Bihar)**

A report submitted in partial fulfillment of the requirements of the award of degree

of

**BACHELOR OF TECHNOLOGY**

in

**CIVIL ENGINEERING**

**Submitted by: Ankit Mishra**

**Enroll.No. : GGV/21/01006**

**Roll No. : 21024106**




**DEPARTMENT OF CIVIL ENGINEERING  
INSTITUTE OF TECHNOLOGY, GURU GHASIDAS  
VISHWAVIDYALAYA BILASPUR, C.G -- 495009.**

## **TO WHOM IT MAY CONCERN**

This is to Certify that **Mr. Ankit Kumar Mishra** , Enrolment No **GGV/21/01006** who is pursuing **B.TECH** in civil Engineering from **GuruGhasidas vishwavidyalaya, Bilaspur ,Chhattisgarh** had undergone Vocational Training from **Dt 10/06/2024 to 09/07/2024** successfully on **Project of National Highway Authority of India for Construction of 4 Lane Elevated Section and AT-Grade Improvements at Begusarai Town Section of NH31 from Design Chainage 221+047 to 225+302 in the state of Bihar on EPC mode which has been Awarded to M/s TRANSRAIL LIGHTING LIMITED .**

We wish him success for future Endeavours.

A circular red ink stamp is placed over the signature. The text around the perimeter reads "TRANSRAIL LIGHTING LIMITED" at the top and "BEGUSARAI, BIHAR" at the bottom. In the center, the date "10/07/2024" is stamped.

**MR. SANTOSH KUMAR**  
**PROJECT INCHARGE**  
**TRANSRAIL LIGHTING LIMITED**  
**BEGUSARAI, BIHAR**

**TRANSRAIL LIGHTING LIMITED**

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### Abstract

The training report in broad spectrum contains six sections in which I try to explain my one month learning experience in the running project, construction of 4 Lane elevated section at grade improvements. The content of all section is broadly explained and it is made from the practical basis of the site work of weekly basis.

**In section A** I give all the details or different stages of the project. In this section I put all the details of the work done in the same manner at the site for the completion of the project.

**In section B** I try to explain the components involved in the Flyover construction. It has been categorized into three parts the foundation part, the sub structure and the superstructure part.

**The section C** is the most important chapter in which explains all the dimensions and the construction procedure of the components involved with some practical images whatever I took during the whole training period.

**In section D** I tried to explain the test that I came across which have both destructive & non destructive test. This is an important section that determines the success of project.