

ID :3507 Ajabpur ROB _ _ _ _ _

on Chainage 160.725 of Ambala Paunta Shahib Dehradun Rishikesh (Haridwar) national highway

In District Dehradun Under NH Doiwala Division

Bridge Inventory Report

Division: NH Doiwala

Data not-yet finalized

General

Name of Division : 132

Revenue Block Name : 32

Chainage (at Mid Point) : 160.725

Road/ Segment Name : 2

Bridge Type : Road Over Bridge

Structure No : 161/1

Feature Intersected : Railway Line

Name of Bridge : Ajabpur ROB

Nearest Town : Dehradun

Latitude (Northing) : 30.28992900

Longitude (Easting) : 78.04942800

Construction Year : 2019

Inventory Year : 2025

Geometric

Overall length (in meter) : 821.68

Total No of Span : 24

Maximum Span (in meter) : 37.20

Span Arrangement : 13x26.50m+1x15.51m+1x37.20m+1x14.47m+1x24.50m+7x26.50m

No of Lane : 4.000

Overall Width (m) : 19.500

Carriageway Width (m) : 15.000

RS Footpath Width (m) : 1.000

LS Footpath Width (m) : 1.000

Approach Width i/c Shoulders (m) : 15.000

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level :

OFL Ordinary Flood Level :

LWL Low Water Level :

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre :

Road Level at Centre :

Design Scour Level at Pier :

Design Scour Level at Abutments :

Exposure Condition : Moderate

Seismic Importance factor : 0.0

Design Loading : Class A

Load Rating : Class A

Super-Structure

Superstructure Type : T-beam and slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Bituminous Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Cast-in-situ concrete

Bearing type : POT PIN

Sub-Structure

Founding Strata : Bouldery

Abutment Foundation Type : Pile

Pier Foundation Type : Pile

No of Piers : 23

Abutment Type : RCC counterfort type

Pier Type : RCC Solid

Protection Work

Bank Protection Left Side of Up-stream : no protection work provided

Bank Protection Right Side of Up-stream : no protection work provided

Bank Protection Left Side of Down-stream : no protection work provided

Bank Protection Right Side of Down-stream : no protection work provided

Floor Protection on Up-stream : no protection work provided

Floor Protection on Down-stream : no protection work provided

Treatment for Corrosion Protection (if any) : no special treatment provided

final

Name of JE/AAE : Prashant Kumar Aggarwal

