

ID :71 Ranibagh Bridge _ _ _ _ _

on Chainage 0.400 of Kathgodam (Ranibag) Bhimtal Khutani Padampuri Dhanachuli Pahadpani Shaharfatak
Mornaula Devidhura Lohaghat Pancheswer state highway

In District Naital Under TD Bhawali Division

Bridge Inventory Report

Division: TD Bhawali

Data not-yet finalized

General

Name of Division : 12

Revenue Block Name : 78

Chainage (at Mid Point) : 0.400

Road/ Segment Name : 56

Bridge Type : Motor Bridge High Level

Structure No : 1

Feature Intersected : Balia nala

Name of Bridge : Ranibagh Bridge

Nearest Town : Kathgodam

Latitude (Northing) : 29.29100000

Longitude (Easting) : 79.54800000

Construction Year : 2022

Inventory Year : 2023

Geometric

Overall length (in meter) : 60.00

Total No of Span : 1

Maximum Span (in meter) : 60.00

Span Arrangement : 48

No of Lane : 1.000

Overall Width (m) : 6.000

Carriageway Width (m) : 4.500

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 6.000

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level : 476.000

OFL Ordinary Flood Level :

LWL Low Water Level : 472.913

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre :

Road Level at Centre : 494.000

Design Scour Level at Pier :

Design Scour Level at Abutments :

Exposure Condition : Moderate

Seismic Importance factor : 1.0
Design Loading : Class B
Load Rating : Class B
Super-Structure
Superstructure Type : Truss
Superstructure Material : Steel
Wearing Coat Type : Cement Concrete
Expansion Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Steel rolled section
Bearing type : Elastomeric
Sub-Structure
Founding Strata : Rocky
Abutment Foundation Type : Open
Pier Foundation Type : NA
No of Piers : 0
Abutment Type : Stone Masonry
Pier Type : NA
Protection Work
Bank Protection Left Side of Up-stream : plum concrete
Bank Protection Right Side of Up-stream : plum concrete
Bank Protection Left Side of Down-stream : plum concrete
Bank Protection Right Side of Down-stream : plum concrete
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 :

