

ID :2918 Bhopal Pani Bridge _ _ _ _ _

on Chainage 14.000 of road unknown

In District Dehradun Under NHAI Division

Bridge Inventory Report

Division: NHAI

Data not-yet finalized

General

Name of Division : 135

Revenue Block Name : 32

Chainage (at Mid Point) : 14.000

Road/ Segment Name :

Bridge Type : Motor Bridge High Level

Structure No : 14/1

Feature Intersected : Bhopal Pani River

Name of Bridge : Bhopal Pani Bridge

Nearest Town : Thanu

Latitude (Northing) : 30.25326200

Longitude (Easting) : 78.15194000

Construction Year : 2018

Inventory Year : 2022

Geometric

Overall length (in meter) : 85.00

Total No of Span : 5

Maximum Span (in meter) : 17.00

Span Arrangement : 2x37.5

No of Lane : 2.000

Overall Width (m) : 9.700

Carriageway Width (m) : 7.500

RS Footpath Width (m) : 0.880

LS Footpath Width (m) : 0.880

Approach Width i/c Shoulders (m) : 7.500

Gradient (%age) : 2

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 : 1.0

Design Loading : Class A

Load Rating : Class A

Super-Structure

Superstructure Type : Box girder

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

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

Bearing type : Roller & Rocker

Sub-Structure

Founding Strata : Sandy

Abutment Foundation Type : Well

Pier Foundation Type : Well

No of Piers : 1

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 :

