

ID :2200 Bodi River Bridge _ _ _ _ _

on Chainage 24.900 of Purkazi Laksar Haridwar national highway

In District Haridwar Under NH Dehradun Division

Bridge Inventory Report

Division: NH Dehradun

Data not-yet finalized

General

Name of Division : 60

Revenue Block Name : 94

Chainage (at Mid Point) : 24.900

Road/ Segment Name : 15

Bridge Type : Motor Bridge High Level

Structure No : 3/3

Feature Intersected : Bodi River

Name of Bridge : Bodi River Bridge

Nearest Town : Laksar

Latitude (Northing) : 29.69627778

Longitude (Easting) : 77.99329444

Construction Year : 1983

Inventory Year : 2022

Geometric

Overall length (in meter) : 68.00

Total No of Span : 3

Maximum Span (in meter) : 22.00

Span Arrangement : 1x22+1x22+1x22

No of Lane : 2.000

Overall Width (m) : 8.400

Carriageway Width (m) : 7.000

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 14.000

Gradient (%age) : 3

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level : 250.000

OFL Ordinary Flood Level : 150.000

LWL Low Water Level : 100.000

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 : T-beam and slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Tubular steel

Bearing type : Elastomeric

Sub-Structure

Founding Strata : Hard clayey

Abutment Foundation Type : Open

Pier Foundation Type : Open

No of Piers : 2

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 : Mahabir Lal AAE

