

ID :3623 Bhowavali Ghat Bridge _ _ _ _ _

on Chainage 1.400 of Lalpur Bhowavali motor road

In District Haridwar Under CD Laksar Division

Bridge Inventory Report

Division: CD Laksar

Data not-yet finalized

General

Name of Division : 129

Revenue Block Name : 95

Chainage (at Mid Point) : 1.400

Road/ Segment Name : 2651

Bridge Type : Motor Bridge High Level

Structure No : 2/1

Feature Intersected : Ban Ganga

Name of Bridge : Bhowavali Ghat Bridge

Nearest Town : Bhowavali

Latitude (Northing) : 29.67144700

Longitude (Easting) : 78.04886400

Construction Year : 2022

Inventory Year : 2025

Geometric

Overall length (in meter) : 175.00

Total No of Span : 7

Maximum Span (in meter) : 25.00

Span Arrangement : 7x25

No of Lane : 1.500

Overall Width (m) : 10.000

Carriageway Width (m) : 7.500

RS Footpath Width (m) : 1.250

LS Footpath Width (m) : 1.250

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 :

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 : Mild

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 : Cast-in-situ concrete

Bearing type : Elastomeric

Sub-Structure

Founding Strata : Sandy

Abutment Foundation Type : Well

Pier Foundation Type : Well

No of Piers : 6

Abutment Type : RCC buttressed 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 :

