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) : 29.67134722
Longitude (Easting) : 78.05147222
Construction Year : 2022
Inventory Year : 2025
Work Code(s) : --
Geometric
Overall length (in meter) : 175.00
Total No of Span : 7
Maximuam Span (in meter) : 25.00
Span Arragment : 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
Approch 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
Expension Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Cast-in-situ concrete
Bearing type : POT PIN
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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : Dinesh Kumar

