ID :770 Hinduwala Bridge __ __ __ __ __

on Chainage 24.250 of Shahid Gajender Singh Bisht Road) state highway (Majra Bhuddi Shekhuwala Dharmawala road)

In District Dehradun Under CD Dehradun Division

Bridge Inventory Report

Division: CD Dehradun

Data not-yet finalized

General
Name of Division : 54
Revenue Block Name : 31
Chainage (at Mid Point) : 24.250
Road/ Segment Name : 65
Bridge Type : Motor Bridge High Level
Structure No : 24/1
Feature Intersected : Local River
Name of Bridge : Hinduwala Bridge
Nearest Town : Hinduwala
Latitude (Northing) : 30.36092400
Longitude (Easting) : 77.80448500
Construction Year : 2011
Inventory Year : 2021
Work Code(s) : --
Geometric
Overall length (in meter) : 33.60
Total No of Span : 6
Maximuam Span (in meter) : 33.60
Span Arragment : 4x5+2x6.8
No of Lane : 2.000
Overall Width (m) : 7.500
Carriageway Width (m) : 7.500
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 10.000
Gradient (%age) : 3
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 : Single/Multi-cell Box
Superstructure Material : Reinforced concrete
Wearing Coat Type : Bituminous Concrete
Expension Joint Type : Other
Railing/Crash Barrier type : Cast-in-situ concrete
Bearing type : other
Sub-Structure
Founding Strata : Bouldery
Abutment Foundation Type : Raft
Pier Foundation Type : Raft
No of Piers : 5
Abutment Type : RCC Box 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 : RR Stone masonery
Bank Protection Left Side of Down-stream : no protection work provided
Bank Protection Right Side of Down-stream : RR Stone masonery
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 :

