ID :2200 Bodi River Bridge __ __ __ __ __

on Chainage 24.900 of Purkazi Laksar Haridwar national highway

In District Haridwar Under NH Div Dehradun Division

Bridge Inventory Report

Division: NH Div 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
Work Code(s) : --
Geometric
Overall length (in meter) : 68.00
Total No of Span : 3
Maximuam Span (in meter) : 22.00
Span Arragment : 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
Approch 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
Expension 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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : Mahabir Lal AAE

