

ID :2206 ROB Laksar _ _ _ _ _

on Chainage 31.000 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) : 31.000

Road/ Segment Name : 15

Bridge Type : Road Over Bridge

Structure No : 31/1

Feature Intersected : Laksar

Name of Bridge : ROB Laksar

Nearest Town : Laksar

Latitude (Northing) : 29.74888889

Longitude (Easting) : 78.02388889

Construction Year : 2009

Inventory Year : 2022

Geometric

Overall length (in meter) : 546.90

Total No of Span : 27

Maximum Span (in meter) : 25.50

Span Arrangement : 12x19.60+3x25.50+12x19.60

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

Approach Width i/c Shoulders (m) : 7.500

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 : T-beam and slab

Superstructure Material : Pre-stressed concrete

Wearing Coat Type : Mastic asphalt

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 : Pile

Pier Foundation Type : Pile

No of Piers : 26

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

