

ID :2204 Padartha Nala Bridge \_ \_ \_ \_ \_

on Chainage 48.500 of Purkazi Laksar Haridwar national highway

In District Haridwar Under NH Dehradun Division

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## Bridge Inventory Report

Division: NH Dehradun

Data not-yet finalized

### General

Name of Division : 60

Revenue Block Name : 93

Chainage (at Mid Point) : 48.500

Road/ Segment Name : 15

Bridge Type : Motor Bridge High Level

Structure No : 1

Feature Intersected : Padartha Nala

Name of Bridge : Padartha Nala Bridge

Nearest Town : Haridwar

Latitude (Northing) : 29.83277778

Longitude (Easting) : 78.11833333

Construction Year : 2015

Inventory Year : 2022

### Geometric

Overall length (in meter) : 16.20

Total No of Span : 1

Maximum Span (in meter) : 16.20

Span Arrangement : 1x16.200

No of Lane : 2.000

Overall Width (m) : 14.000

Carriageway Width (m) : 10.500

RS Footpath Width (m) : 1.000

LS Footpath Width (m) : 1.000

Approach Width i/c Shoulders (m) : 16.200

Gradient (%age) : 3

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

### Design Data

HFL Highest Flood Level : 200.000

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

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Cast-in-situ concrete

Bearing type : Roller & Rocker

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : RCC counterfort type

Pier Type : NA

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 AAE

