

ID :2565 Nemi River Bridge \_ \_ \_ \_ \_

on Chainage 1.200 of Nanda Ki Chowki to Kotra Santaur Phoolsaini Aamwala road

In District Dehradun Under PD Dehradun Division

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## Bridge Inventory Report

Division: PD Dehradun

Data not-yet finalized

### General

Name of Division : 51

Revenue Block Name : 31

Chainage (at Mid Point) : 1.200

Road/ Segment Name : 1219

Bridge Type : Motor Bridge High Level

Structure No : 1

Feature Intersected : Nemi River

Name of Bridge : Nemi River Bridge

Nearest Town : Dehradun

Latitude (Northing) : 30.00000000

Longitude (Easting) : 77.00000000

Construction Year :

Inventory Year : 2022

### Geometric

Overall length (in meter) : 70.00

Total No of Span : 3

Maximum Span (in meter) : 23.50

Span Arrangement : 3x23.5

No of Lane : 1.000

Overall Width (m) : 4.600

Carriageway Width (m) : 4.000

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach 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 : Moderate

Seismic Importance factor : 1.0

Design Loading : NA

Load Rating : NA

Super-Structure

Superstructure Type : Solid slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Other

Railing/Crash Barrier type : other

Bearing type : other

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : other

No of Piers : 10

Abutment Type : Stone Masonry

Pier Type : other

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 :

