

ID :63 Nathuwakhan Bridge \_ \_ \_ \_ \_

on Chainage 11.750 of Laxmikhan Talla Ramgarh Nathuwakhan Puyuda Qwarab motor road

In District Nainital Under CD Nainital Division

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## Bridge Inventory Report

Division: CD Nainital

Data not-yet finalized

### General

Name of Division : 10

Revenue Block Name : 76

Chainage (at Mid Point) : 11.750

Road/ Segment Name : 198

Bridge Type : Motor Bridge High Level

Structure No : 12/8

Feature Intersected : local Gadhera

Name of Bridge : Nathuwakhan Bridge

Nearest Town : Nathuwakhan

Latitude (Northing) : 29.57611400

Longitude (Easting) : 79.56096400

Construction Year : 1966

Inventory Year : 2020

### Geometric

Overall length (in meter) : 6.00

Total No of Span : 1

Maximum Span (in meter) : 6.00

Span Arrangement : 1x6

No of Lane : 2.000

Overall Width (m) : 6.500

Carriageway Width (m) : 5.500

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 6.500

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 : Class B

Load Rating : Class B

Super-Structure

Superstructure Type : T-beam and slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Bituminous Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

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

Bearing type : Not Provided

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Raft

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : Stone Masonry

Pier Type : NA

Protection Work

Bank Protection Left Side of Up-stream : Plumb concrete

Bank Protection Right Side of Up-stream : Plumb concrete

Bank Protection Left Side of Down-stream : Plumb concrete

Bank Protection Right Side of Down-stream : Plumb concrete

Floor Protection on Up-stream : CC Floor

Floor Protection on Down-stream : CC Floor

Treatment for Corrosion Protection (if any) : Plumb concrete

final

Name of JE/AAE : MANMOHAN SINGH

