ID :63 Nathuwakhan Bridge __ __ __ __ __

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

In District Nanital Under CD Nainital Division

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
Work Code(s) : --
Geometric
Overall length (in meter) : 6.00
Total No of Span : 1
Maximuam Span (in meter) : 6.00
Span Arragment : 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
Approch 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
Expension 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
Tratment for Corrosion Protection (if any) : Plumb concrete
final
Name of JE/AAE : MANMOHAN SINGH

