ID :75 Nihal Bridge __ __ __ __ __

on Chainage 3.720 of Nainital Bypass motor road : .

In District Nanital Under PD Nainital Division

Bridge Inventory Report

Division: PD Nainital

Data not-yet finalized

General
Name of Division : 9
Revenue Block Name : 78
Chainage (at Mid Point) : 3.720
Road/ Segment Name : 2996
Bridge Type : Motor Bridge High Level
Structure No : 4/1
Feature Intersected : Nihal Gadhera
Name of Bridge : Nihal Bridge
Nearest Town : Nainital
Latitude (Northing) : 29.37072200
Longitude (Easting) : 79.44413900
Construction Year : 2016
Inventory Year : 2021
Work Code(s) : --
Geometric
Overall length (in meter) : 80.00
Total No of Span : 1
Maximuam Span (in meter) : 80.00
Span Arragment : 1x80
No of Lane : 2.000
Overall Width (m) : 10.700
Carriageway Width (m) : 7.400
RS Footpath Width (m) : 0.850
LS Footpath Width (m) : 0.850
Approch Width i/c Shoulders (m) : 12.100
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 A
Load Rating : Class A
Super-Structure
Superstructure Type : Truss
Superstructure Material : Steel
Wearing Coat Type : Cement Concrete
Expension Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Steel rolled section
Bearing type : Roller & Rocker
Sub-Structure
Founding Strata : Bouldery
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 : abutment protection by Plum concrete wall
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 : abutment protection by Plum concrete wall
Floor Protection on Up-stream : no protection work provided
Floor Protection on Down-stream : protection by Plum concrete wall
Tratment for Corrosion Protection (if any) : primer and painting in superstructure
final
Name of JE/AAE :