

ID :78 Pines Bridge _ _ _ _ _

on Chainage 5.580 of Bhawali Nainital Tanki Kilbury Pangot state highway

In District Nainital 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) : 5.580

Road/ Segment Name : 29

Bridge Type : Motor Bridge High Level

Structure No : 6/1

Feature Intersected : gadhera

Name of Bridge : Pines Bridge

Nearest Town : Nainital

Latitude (Northing) : 29.38783300

Longitude (Easting) : 79.47341700

Construction Year : 1987

Inventory Year : 2021

Geometric

Overall length (in meter) : 7.70

Total No of Span : 1

Maximum Span (in meter) : 7.70

Span Arrangement : 1x7.70

No of Lane : 1.000

Overall Width (m) : 10.500

Carriageway Width (m) : 9.700

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 10.500

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 A

Load Rating : Class A

Super-Structure

Superstructure Type : Solid slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Bituminous Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Steel rolled section

Bearing type : Not Provided

Sub-Structure

Founding Strata : Bouldery

Abutment Foundation Type : Open

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : RCC buttressed 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 : 10 m plum concrete work

Bank Protection Right Side of Down-stream : 15 m plum concrete work

Floor Protection on Up-stream : no protection work provided

Floor Protection on Down-stream : no protection work provided

Treatment for Corrosion Protection (if any) : painting work on railing

final

Name of JE/AAE :

