

ID :1582 Pangad Bridge _ _ _ _ _

on Chainage 3.500 of Mussoorie-Chakrata road to Rikhaad road

In District Dehradun Under TD Chakrata Division

Bridge Inventory Report

Division: TD Chakrata

Data not-yet finalized

General

Name of Division : 52

Revenue Block Name : 29

Chainage (at Mid Point) : 3.500

Road/ Segment Name : 1154

Bridge Type : Motor Bridge High Level

Structure No : 4/1

Feature Intersected : Pangad khud

Name of Bridge : Pangad Bridge

Nearest Town : Tungra

Latitude (Northing) : 30.66022970

Longitude (Easting) : 77.89201140

Construction Year : 2007

Inventory Year : 2022

Geometric

Overall length (in meter) : 9.50

Total No of Span : 1

Maximum Span (in meter) : 9.50

Span Arrangement : 1*10

No of Lane : 1.000

Overall Width (m) : 5.000

Carriageway Width (m) : 4.250

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 5.950

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 : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

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

Bearing type : Elastomeric

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : Stone Masonry

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 : 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 :

