

ID :3495 Pathariyapeer bridge _ _ _ _ _

on Chainage 1.214 of Kalidas Road

In District Dehradun Under PD Dehradun Division

Bridge Inventory Report

Division: PD Dehradun

Data not-yet finalized

General

Name of Division : 51

Revenue Block Name : 32

Chainage (at Mid Point) : 1.214

Road/ Segment Name : 300

Bridge Type : Motor Bridge High Level

Structure No : 2/1

Feature Intersected : Bindal river

Name of Bridge : Pathariyapeer bridge

Nearest Town : dehradun

Latitude (Northing) : 30.33937100

Longitude (Easting) : 78.04084700

Construction Year : 1986

Inventory Year : 2024

Geometric

Overall length (in meter) : 27.40

Total No of Span : 3

Maximum Span (in meter) : 8.30

Span Arrangement : 1x8.3 m+1x8.3 m+1x8.3 m

No of Lane : 1.000

Overall Width (m) : 8.600

Carriageway Width (m) : 5.800

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 0.600

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 : Mild

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 : Steel rolled section

Bearing type : Roller & Rocker

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Pile

Pier Foundation Type : Well

No of Piers : 3

Abutment Type : RCC buttressed type

Pier Type : RCC Solid

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 :

