ID :3495  Pathariyapeer bridge  __ __ __ __ __

on Chainage 1.214 of Kalidas Road

In District Dehradun Under PD Dehradun Division

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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
Work Code(s) : --
Geometric
Overall length (in meter) : 27.40
Total No of Span : 3
Maximuam Span (in meter) : 8.30
Span Arragment : 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
Approch 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
Expension Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Steel rolled section
Bearing type : POT PIN
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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : AMAR SINGH

