ID :3884  Nalapani Bridge  __ __ __ __ __

on Chainage 2.000 of road unknown

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) : 2.000
Road/ Segment Name :
Bridge Type : Road Over Bridge
Structure No : 2/8
Feature Intersected : Rispan River
Name of Bridge : Nalapani Bridge
Nearest Town : Nalapani
Latitude (Northing) : 30.31342778
Longitude (Easting) : 78.06127778
Construction Year :
Inventory Year : 2026
Work Code(s) : --
Geometric
Overall length (in meter) : 45.50
Total No of Span : 5
Maximuam Span (in meter) : 45.50
Span Arragment : 5*9.10
No of Lane : 1.000
Overall Width (m) : 6.600
Carriageway Width (m) : 6.600
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 6.000
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 : 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 : Tubular steel
Bearing type : Elastomeric
Sub-Structure
Founding Strata : Rocky
Abutment Foundation Type : Open
Pier Foundation Type : Well
No of Piers : 2
Abutment Type : Stone Masonry
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 :

