ID :3797 Nakel Bridge __ __ __ __ __

on Chainage 0.275 of Lachhampur-Nakel Motor Road.

In District Nanital Under PD Nainital Division

Bridge Inventory Report

Division: PD Nainital

Data not-yet finalized

General
Name of Division : 9
Revenue Block Name : 82
Chainage (at Mid Point) : 0.275
Road/ Segment Name : 9550
Bridge Type : Motor Bridge High Level
Structure No : 1/1
Feature Intersected : Sukhi River
Name of Bridge : Nakel Bridge
Nearest Town : Lachampur
Latitude (Northing) : 29.15852900
Longitude (Easting) : 79.69984700
Construction Year : 2024
Inventory Year : 2025
Work Code(s) : --
Geometric
Overall length (in meter) : 60.00
Total No of Span : 1
Maximuam Span (in meter) : 60.00
Span Arragment : 1x60
No of Lane : 1.500
Overall Width (m) : 6.500
Carriageway Width (m) : 5.500
RS Footpath Width (m) : 0.550
LS Footpath Width (m) : 0.550
Approch Width i/c Shoulders (m) : 6.500
Gradient (%age) : 0
Skew Angle (degree) : 0.00
Radius of Curve in Plan (if Any) : 0.00
Design Data
HFL Highest Flood Level : 343.000
OFL Ordinary Flood Level : 342.000
LWL Low Water Level : 341.020
Design Velocity (m/Sec) : 5.00
Design Discharge (Cumecs) : 827.00
Soffit Level at Centre : 348.000
Road Level at Centre : 345.880
Design Scour Level at Pier : 0.000
Design Scour Level at Abutments : 4.000
Exposure Condition : Moderate

Seismic Importance factor : 1.0
Design Loading : Class A
Load Rating : Class A
Super-Structure
Superstructure Type : Plate Girder
Superstructure Material : Steel
Wearing Coat Type : Cement Concrete
Expension Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Tubular steel
Bearing type : Roller & Rocker
Sub-Structure
Founding Strata : Bouldery
Abutment Foundation Type : Open
Pier Foundation Type : NA
No of Piers : 0
Abutment Type : RCC Box 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 : 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 :

