ID :483 Nihal Bridge __ __ __ __ __

on Chainage 2.350 of Gadarpur Milakkhanam road

In District Udham Singh Nagar Under PD Rudrapur Division

Bridge Inventory Report

Division: PD Rudrapur

Data not-yet finalized

General
Name of Division : 23
Revenue Block Name : 86
Chainage (at Mid Point) : 2.350
Road/ Segment Name : 4729
Bridge Type : Motor Bridge High Level
Structure No : 3/1
Feature Intersected : Nihal River
Name of Bridge : Nihal Bridge
Nearest Town : Gadarpur
Latitude (Northing) : 29.04136944
Longitude (Easting) : 79.22031000
Construction Year : 1982
Inventory Year : 2021
Work Code(s) : --
Geometric
Overall length (in meter) : 27.05
Total No of Span : 3
Maximuam Span (in meter) : 9.35
Span Arragment : 3*9.35
No of Lane : 1.500
Overall Width (m) : 7.000
Carriageway Width (m) : 5.500
RS Footpath Width (m) : 0.750
LS Footpath Width (m) : 0.750
Approch Width i/c Shoulders (m) : 7.000
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 : 0.0
Design Loading : Class A
Load Rating : Class A
Super-Structure
Superstructure Type : T-beam and slab
Superstructure Material : Reinforced concrete
Wearing Coat Type : Bituminous Concrete
Expension Joint Type : Not Provided
Railing/Crash Barrier type : Cast-in-situ concrete
Bearing type : Not Provided
Sub-Structure
Founding Strata : Soft clayey
Abutment Foundation Type : Well
Pier Foundation Type : NA
No of Piers : 2
Abutment Type : RCC buttressed type
Pier Type : RCC Solid
Protection Work
Bank Protection Left Side of Up-stream : Boulder Pitching
Bank Protection Right Side of Up-stream : Boulder Pitching
Bank Protection Left Side of Down-stream : Boulder Pitching
Bank Protection Right Side of Down-stream : Boulder Pitching
Floor Protection on Up-stream : Stone Pitching
Floor Protection on Down-stream : Stone Pitching
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : Er. Ravi Dani