

ID :1341 DUNAO SUSPENSION BRIDGE _ _ _ _ _

on Chainage 166.000 of Shaheed Sandeep Singh Rawat state highway (Ghattugad Silogi Gumkhal Lansdowne Deriyakhal Rikhanikhal Biroukhal motor road)

In District Pauri Under PD Lansdown Division

Bridge Inventory Report

Division: PD Lansdown

Data not-yet finalized

General

Name of Division : 70

Revenue Block Name : 47

Chainage (at Mid Point) : 166.000

Road/ Segment Name : 106

Bridge Type : Pedestrian Bridge

Structure No : 166/1

Feature Intersected : KHATALGAAD

Name of Bridge : DUNAO SUSPENSION BRIDGE

Nearest Town : DUNAO

Latitude (Northing) : 29.82883200

Longitude (Easting) : 78.97669900

Construction Year : 1980

Inventory Year : 2021

Geometric

Overall length (in meter) : 40.00

Total No of Span : 1

Maximum Span (in meter) : 40.00

Span Arrangement : 1X40

No of Lane : 1.000

Overall Width (m) : 1.830

Carriageway Width (m) : 1.830

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 1.830

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 : Footpath Live Load
Load Rating : Footpath Live Load
Super-Structure
Superstructure Type : Suspension
Superstructure Material : Steel
Wearing Coat Type : Bituminous Concrete
Expansion Joint Type : Other
Railing/Crash Barrier type : Steel rolled section
Bearing type : Roller & Rocker
Sub-Structure
Founding Strata : Rocky
Abutment Foundation Type : Open
Pier Foundation Type : NA
No of Piers : 0
Abutment Type : Stone Masonry
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
Treatment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : VISHNU

