

ID :875 dumaila suspension bridge _ _ _ _ _

on Chainage 49.000 of Lansdowne Dumaila bridle 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) : 49.000

Road/ Segment Name : 5536

Bridge Type : Pedestrian Bridge

Structure No : 59/1

Feature Intersected : eastern nayar

Name of Bridge : dumaila suspension bridge

Nearest Town : lansdowne

Latitude (Northing) : 29.80969800

Longitude (Easting) : 78.90872500

Construction Year : 1970

Inventory Year : 2021

Geometric

Overall length (in meter) : 51.84

Total No of Span : 1

Maximum Span (in meter) : 51.84

Span Arrangement : 1x51.84

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 : 1.0

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 : MAMTA RAWAT

