

ID :3199 Poundha bridge _ _ _ _ _

on Chainage 18.950 of Selaqui Bhauwala Dungga Nanda Ki Chauwki motor road

In District Dehradun Under PD Dehradun Division

Bridge Inventory Report

Division: PD Dehradun

Data not-yet finalized

General

Name of Division : 51

Revenue Block Name : 31

Chainage (at Mid Point) : 18.950

Road/ Segment Name : 181

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : Local nala

Name of Bridge : Poundha bridge

Nearest Town : Kandoli

Latitude (Northing) : 30.38666700

Longitude (Easting) : 77.97222200

Construction Year : 2006

Inventory Year : 2023

Geometric

Overall length (in meter) : 10.50

Total No of Span : 1

Maximum Span (in meter) : 10.50

Span Arrangement : 1x10.50m

No of Lane : 1.000

Overall Width (m) : 4.300

Carriageway Width (m) : 3.700

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 5.000

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 : NA

Load Rating : NA

Super-Structure

Superstructure Type : Plate Girder

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Tubular steel

Bearing type : POT PIN

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 : Anjana Dimri

