

ID :3107 Jagatpur Khadar _ _ _ _ _

on Chainage 0.850 of Jagatpur-Khadar-Dhudli 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) : 0.850

Road/ Segment Name : 1280

Bridge Type : Motor Bridge High Level

Structure No : Km 01 H.M. 8/10

Feature Intersected : Local River

Name of Bridge : Jagatpur Khadar

Nearest Town : Tilwari

Latitude (Northing) : 30.41040000

Longitude (Easting) : 77.92540000

Construction Year : 2000

Inventory Year : 2023

Geometric

Overall length (in meter) : 11.50

Total No of Span : 1

Maximum Span (in meter) : 11.50

Span Arrangement : 1x1

No of Lane : 1.500

Overall Width (m) : 5.400

Carriageway Width (m) : 4.600

RS Footpath Width (m) : 0.400

LS Footpath Width (m) : 0.400

Approach Width i/c Shoulders (m) : 4.500

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 : T-beam and slab

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 required

Floor Protection on Down-stream : protection work required

Treatment for Corrosion Protection (if any) : no special treatment provided

final

Name of JE/AAE : Er. Madan Mohan Joshi

