

ID :3108 Sashpur Shankarpur Km 11 _ _ _ _ _

on Chainage 10.750 of Sahaspur Shankarpur Ramsawala Bhauwala Sudhowala 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) : 10.750

Road/ Segment Name : 187

Bridge Type : Motor Bridge High Level

Structure No : km 11 H.M. 6/8

Feature Intersected : Swarna River

Name of Bridge : Sashpur Shankarpur Km 11

Nearest Town : Bhuwala

Latitude (Northing) : 30.40648300

Longitude (Easting) : 77.91400000

Construction Year : 2005

Inventory Year : 2023

Geometric

Overall length (in meter) : 270.00

Total No of Span : 90

Maximum Span (in meter) : 6.00

Span Arrangement : 1x30x3x3

No of Lane : 2.000

Overall Width (m) : 8.400

Carriageway Width (m) : 7.500

RS Footpath Width (m) : 0.450

LS Footpath Width (m) : 0.450

Approach Width i/c Shoulders (m) : 6.500

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 : Class A

Load Rating : Class A

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 : Roller & Rocker

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : Well

No of Piers : 30

Abutment Type : Stone Masonry

Pier Type : RCC Solid

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 : Razzak Ahmed

