

ID :729 RCC/Pre stressed Bridge _ _ _ _ _

on Chainage 22.500 of Narsan Harjoli Jatt Mundlana Landhora Jorasi Budhahedi Bahedi Rajputana road

In District Haridwar Under CD Roorkee Division

Bridge Inventory Report

Division: CD Roorkee

Data not-yet finalized

General

Name of Division : 59

Revenue Block Name : 91

Chainage (at Mid Point) : 22.500

Road/ Segment Name : 2351

Bridge Type : Motor Bridge High Level

Structure No : 23/3

Feature Intersected : Solani River

Name of Bridge : RCC/Pre stressed Bridge

Nearest Town : Landhora

Latitude (Northing) : 29.82835000

Longitude (Easting) : 77.95744000

Construction Year : 2016

Inventory Year : 2021

Geometric

Overall length (in meter) : 366.67

Total No of Span : 15

Maximum Span (in meter) : 24.44

Span Arrangement : 15x24.44 m

No of Lane : 2.000

Overall Width (m) : 8.500

Carriageway Width (m) : 7.500

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 12.000

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level : 101.250

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 : Mild

Seismic Importance factor : 0.0

Design Loading : Class A

Load Rating : Class A

Super-Structure

Superstructure Type : T-beam and slab

Superstructure Material : Pre-stressed concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Cast-in-situ concrete

Bearing type : Elastomeric

Sub-Structure

Founding Strata : Sandy

Abutment Foundation Type : Well

Pier Foundation Type : Well

No of Piers : 14

Abutment Type : RCC buttressed type

Pier Type : RCC Solid

Protection Work

Bank Protection Left Side of Up-stream : protection work provided

Bank Protection Right Side of Up-stream : protection work provided

Bank Protection Left Side of Down-stream : protection work provided

Bank Protection Right Side of Down-stream : 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 treatment provided

final

Name of JE/AAE :

