

ID :2704 Thakurpur _ _ _ _

on Chainage 1.200 of Road from Khadri to Road to Numbardar Farm (Road containing house of Shri Digambar Chauhan)

In District Dehradun Under TD Rishikesh Division

Bridge Inventory Report

Division: TD Rishikesh

Data not-yet finalized

General

Name of Division : 53

Revenue Block Name : 33

Chainage (at Mid Point) : 1.200

Road/ Segment Name : 1660

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : Bangla Nala

Name of Bridge : Thakurpur

Nearest Town : Thakurpur

Latitude (Northing) : 30.04807800

Longitude (Easting) : 78.23427000

Construction Year : 2010

Inventory Year : 2022

Geometric

Overall length (in meter) : 40.00

Total No of Span : 3

Maximum Span (in meter) : 13.35

Span Arrangement : 3x13.35

No of Lane : 1.500

Overall Width (m) : 6.000

Carriageway Width (m) : 5.250

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 6.000

Gradient (%age) : 5

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level : 325.000

OFL Ordinary Flood Level : 324.000

LWL Low Water Level : 322.500

Design Velocity (m/Sec) :

Design Discharge (Cumecs) : 877.00

Soffit Level at Centre :

Road Level at Centre : 329.000

Design Scour Level at Pier :

Design Scour Level at Abutments :

Exposure Condition : Moderate

Seismic Importance factor : 0.0

Design Loading : Class B

Load Rating : Class B

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 : Steel rolled section

Bearing type : other

Sub-Structure

Founding Strata : Bouldery

Abutment Foundation Type : Open

Pier Foundation Type : Raft

No of Piers : 2

Abutment Type : Stone Masonry

Pier Type : Stone Masonry

Protection Work

Bank Protection Left Side of Up-stream : R.R. Stone Masonry

Bank Protection Right Side of Up-stream : R.R. Stone Masonry

Bank Protection Left Side of Down-stream : R.R. Stone Masonry

Bank Protection Right Side of Down-stream : R.R. Stone Masonry

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 :

