

ID :3597 Tiprad Bridge _ _ _ _ _

on Chainage 1.525 of Makhti Pokhari to Marv Khora motor road

In District Dehradun Under TD Chakrata Division

Bridge Inventory Report

Division: TD Chakrata

Data not-yet finalized

General

Name of Division : 52

Revenue Block Name : 29

Chainage (at Mid Point) : 1.525

Road/ Segment Name : 8236

Bridge Type : Motor Bridge High Level

Structure No : 1/2

Feature Intersected : Tiprad Khadd

Name of Bridge : Tiprad Bridge

Nearest Town : Makti

Latitude (Northing) : 30.61716500

Longitude (Easting) : 77.94042600

Construction Year : 2024

Inventory Year : 2025

Geometric

Overall length (in meter) : 15.00

Total No of Span : 1

Maximum Span (in meter) : 15.00

Span Arrangement : 1x15.00

No of Lane : 1.000

Overall Width (m) : 6.000

Carriageway Width (m) : 5.500

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 5.950

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level : 100.000

OFL Ordinary Flood Level : 100.000

LWL Low Water Level : 100.000

Design Velocity (m/Sec) : 0.00

Design Discharge (Cumecs) : 0.00

Soffit Level at Centre : 0.000

Road Level at Centre : 0.000

Design Scour Level at Pier : 0.000

Design Scour Level at Abutments : 0.000

Exposure Condition : Moderate

Seismic Importance factor : 1.0

Design Loading : Class A

Load Rating : Class A

Super-Structure

Superstructure Type : Solid slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

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

Bearing type : POT PIN

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Raft

Pier Foundation Type : Raft

No of Piers : 0

Abutment Type : RCC buttressed type

Pier Type : RCC Hollow

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 : Anuj

