

ID :3601 Tons _ _ _ _ _

on Chainage 1.000 of Chakrata Lakhamandal Barnigad state highway

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 : 28

Chainage (at Mid Point) : 1.000

Road/ Segment Name : 30

Bridge Type : Pedestrian Bridge

Structure No : 1/1

Feature Intersected : Tons River

Name of Bridge : Tons

Nearest Town : Tiuni

Latitude (Northing) : 30.94479100

Longitude (Easting) : 77.85167800

Construction Year : 1986

Inventory Year : 2025

Geometric

Overall length (in meter) : 80.00

Total No of Span : 1

Maximum Span (in meter) : 80.00

Span Arrangement : 1x80

No of Lane : 1.000

Overall Width (m) : 1.800

Carriageway Width (m) : 1.800

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 1.800

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level : 110.000

OFL Ordinary Flood Level : 107.000

LWL Low Water Level : 105.000

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 : Footpath Live Load

Load Rating : NA

Super-Structure

Superstructure Type : Suspension

Superstructure Material : Steel

Wearing Coat Type : Not Provided

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : Steel rolled section

Bearing type : other

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 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 :

