

ID :3785 Tyuni Bridge _ _ _ _ _

on Chainage 0.000 of road unknown

In District Dehradun Under NH Doiwala Division

Bridge Inventory Report

Division: NH Doiwala

Data not-yet finalized

General

Name of Division : 132

Revenue Block Name : 28

Chainage (at Mid Point) : 0.000

Road/ Segment Name :

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : Tons River

Name of Bridge : Tyuni Bridge

Nearest Town : Tyuni

Latitude (Northing) : 30.94180700

Longitude (Easting) : 77.84622060

Construction Year :

Inventory Year : 2025

Geometric

Overall length (in meter) : 65.00

Total No of Span : 1

Maximum Span (in meter) : 65.00

Span Arrangement : 1x65 m

No of Lane : 2.000

Overall Width (m) : 13.500

Carriageway Width (m) : 7.500

RS Footpath Width (m) : 1.500

LS Footpath Width (m) : 1.500

Approach Width i/c Shoulders (m) : 7.000

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level : 196.800

OFL Ordinary Flood Level : 190.000

LWL Low Water Level : 186.490

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 : Elastomeric

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 :

