

ID :1138 Tuntowala Khadar \_\_\_\_\_

on Chainage 1500.000 of Bhartiya Vanya Jiv Sanshthan's behind to Tuntowala Khader Road

In District Dehradun Under CD Dehradun Division

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## Bridge Inventory Report

Division: CD Dehradun

Data not-yet finalized

### General

Name of Division : 54

Revenue Block Name : 32

Chainage (at Mid Point) : 1500.000

Road/ Segment Name : 813

Bridge Type : Motor Bridge High Level

Structure No : 1/4

Feature Intersected : Asan River

Name of Bridge : Tuntowala Khadar

Nearest Town : Menhuwala

Latitude (Northing) : 30.28805000

Longitude (Easting) : 77.96667000

Construction Year : 2006

Inventory Year : 2021

### Geometric

Overall length (in meter) : 40.00

Total No of Span : 4

Maximum Span (in meter) : 10.00

Span Arragment : 12X3

No of Lane : 2.000

Overall Width (m) : 8.400

Carriageway Width (m) : 7.000

RS Footpath Width (m) : 1.200

LS Footpath Width (m) : 1.200

Approch Width i/c Shoulders (m) : 8.500

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

### Design Data

HFL Highest Flood Level :

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 : 1.2

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 : Steel rolled section

Bearing type : Not Provided

Sub-Structure

Founding Strata : Bouldery

Abutment Foundation Type : Raft

Pier Foundation Type : Raft

No of Piers : 3

Abutment Type : RCC Box type

Pier Type : RCC Solid

Protection Work

Bank Protection Left Side of Up-stream : Stone masonry

Bank Protection Right Side of Up-stream : Stone masonry

Bank Protection Left Side of Down-stream : Stone Masonry

Bank Protection Right Side of Down-stream : Stone masonry

Floor Protection on Up-stream : C.C. Bed

Floor Protection on Down-stream : Toe wall ,C.C. Bed

Treatment for Corrosion Protection (if any) : no special treatment provided

final

Name of JE/AAE : Er. Maan Singh

