

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

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 Arrangement : 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

Approach 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

