

ID :108 Chhiboro Bridge - 1 _____

on Chainage 9.950 of Haripur Ichadi Meenus state highway

In District Dehradun Under TD Sahiya Division

Bridge Inventory Report

Division: TD Sahiya

Data not-yet finalized

General

Name of Division : 56

Revenue Block Name : 29

Chainage (at Mid Point) : 9.950

Road/ Segment Name : 45

Bridge Type : Motor Bridge High Level

Structure No : 10/1

Feature Intersected : Chhibaro Power House Tunnel Over Bridge

Name of Bridge : Chhiboro Bridge - 1

Nearest Town : Chhiboro

Latitude (Northing) : 30.55527778

Longitude (Easting) : 77.79194444

Construction Year :

Inventory Year : 2021

Geometric

Overall length (in meter) : 9.00

Total No of Span : 1

Maximum Span (in meter) : 9.00

Span Arrangement : 1X9.00

No of Lane : 1.000

Overall Width (m) : 8.100

Carriageway Width (m) : 7.200

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 9.000

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 : Moderate

Seismic Importance factor : 1.0

Design Loading : NA

Load Rating : NA

Super-Structure

Superstructure Type : Truss

Superstructure Material : Reinforced concrete

Wearing Coat Type : Bituminous Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

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

Bearing type : Not Provided

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Raft

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : RCC buttressed type

Pier Type : NA

Protection Work

Bank Protection Left Side of Up-stream : 7.00 Mt. Long R. R. Stone Masonry Wall

Bank Protection Right Side of Up-stream : 6.00 Mt. Long R. R. Stone Masonry Wall

Bank Protection Left Side of Down-stream : 9.00 Mt. Long R. R. Stone Masonry Wall

Bank Protection Right Side of Down-stream : 12.00 Mt. Long R. R. Stone Masonry Wall

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 : Pardeep Uniyal AAE Civil

