

ID :107 _ _ _ _ _

on Chainage 1.750 of Road from km 7 of Bungachhina Algda road to Kachna

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) : 1.750

Road/ Segment Name : 1711

Bridge Type : Motor Bridge High Level

Structure No : 2/1

Feature Intersected : local Gadera

Name of Bridge :

Nearest Town : Vyasi Poewr project

Latitude (Northing) : 30.54448000

Longitude (Easting) : 77.90569000

Construction Year : 2014

Inventory Year : 2014

Geometric

Overall length (in meter) : 9.60

Total No of Span : 1

Maximum Span (in meter) : 9.00

Span Arragment : 1x9

No of Lane : 1.000

Overall Width (m) : 6.000

Carriageway Width (m) : 5.400

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approch 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 :

OFL Ordinary Flood Level :

LWL Low Water Level :

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre :

Road Level at Centre : 0.000

Design Scour Level at Pier :

Design Scour Level at Abutments :

Exposure Condition : Severe

Seismic Importance factor : 1.0

Design Loading : Class A

Load Rating : Class A

Super-Structure

Superstructure Type : Solid slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Not Provided

Expansion Joint Type : Not Provided

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 : Stone Masonry

Pier Type : NA

Protection Work

Bank Protection Left Side of Up-stream : Plum concrete block protection

Bank Protection Right Side of Up-stream : Plum concrete block protection

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 : Plum concrete

Floor Protection on Down-stream : Plum concrete block protection

Treatment for Corrosion Protection (if any) : not required

final

Name of JE/AAE : Pardeep Kumar AAE Civil

