

ID :106 _ _ _ _ _

on Chainage 6.600 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) : 6.600

Road/ Segment Name : 1711

Bridge Type : Motor Bridge High Level

Structure No : 7/1

Feature Intersected : local Gadera

Name of Bridge :

Nearest Town : Gadog Sakrol

Latitude (Northing) : 30.56226000

Longitude (Easting) : 77.91488000

Construction Year : 2019

Inventory Year : 2019

Geometric

Overall length (in meter) : 24.00

Total No of Span : 1

Maximum Span (in meter) : 24.00

Span Arrangement : 1*24

No of Lane : 1.000

Overall Width (m) : 4.750

Carriageway Width (m) : 4.250

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

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 : 967.500

OFL Ordinary Flood Level :

LWL Low Water Level : 964.743

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 : Truss

Superstructure Material : Steel

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Steel rolled section

Bearing type : POT PIN

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 blocks

Bank Protection Right Side of Up-stream : no protection work provided

Bank Protection Left Side of Down-stream : Plum concrete blocks

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) : Enamel paint on steel structure
final

Name of JE/AAE : Pardeep Kumar AAE Civil

