

ID :3118 Guthai Bridge _ _ _ _ _

on Chainage 5.030 of Kirtinagar Badiyar Dhaurangi Saurakhal motor road

In District Tehri Under TD Kirtinagar Division

Bridge Inventory Report

Division: TD Kirtinagar

Data not-yet finalized

General

Name of Division : 47

Revenue Block Name : 22

Chainage (at Mid Point) : 5.030

Road/ Segment Name : 192

Bridge Type : Motor Bridge High Level

Structure No : 0

Feature Intersected : Guthai Gadhera

Name of Bridge : Guthai Bridge

Nearest Town : Kirtinagar

Latitude (Northing) : 30.13503700

Longitude (Easting) : 78.47109700

Construction Year : 2016

Inventory Year : 2018

Geometric

Overall length (in meter) : 9.00

Total No of Span : 1

Maximum Span (in meter) : 8.50

Span Arrangement : 1x8.50

No of Lane : 1.000

Overall Width (m) : 5.000

Carriageway Width (m) : 4.500

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 6.000

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level : 1500.000

OFL Ordinary Flood Level : 1200.000

LWL Low Water Level : 1000.000

Design Velocity (m/Sec) : 0.00

Design Discharge (Cumecs) : 0.00

Soffit Level at Centre : 7.000

Road Level at Centre : 7.000

Design Scour Level at Pier : 0.000

Design Scour Level at Abutments : 0.000

Exposure Condition : Moderate

Seismic Importance factor : 1.0

Design Loading : Class B

Load Rating : Class B

Super-Structure

Superstructure Type : T-beam and slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

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

Bearing type : POT PIN

Sub-Structure

Founding Strata : Hard clayey

Abutment Foundation Type : Raft

Pier Foundation Type : other

No of Piers : 0

Abutment Type : Stone Masonry

Pier Type : other

Protection Work

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

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

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 : 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 : Razzak Ahamed AAE

