

ID :1620 Koti Gujetha Motor road Bridge at Km 5.00 _____

on Chainage 4.184 of Hisriyakhhal Koti Gujetha 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 : 21

Chainage (at Mid Point) : 4.184

Road/ Segment Name : 4144

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : Gujetha Gadh

Name of Bridge : Koti Gujetha Motor road Bridge at Km 5.00

Nearest Town : Kirtinagar

Latitude (Northing) : 30.27472210

Longitude (Easting) : 78.66027777

Construction Year : 2018

Inventory Year : 2021

Geometric

Overall length (in meter) : 18.00

Total No of Span : 1

Maximum Span (in meter) : 18.00

Span Arrangement : 1x18

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) : 6.550

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) : 0.00

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 : Reinforced concrete

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 : Hard clayey

Abutment Foundation Type : Raft

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : RCC counterfort type

Pier Type : NA

Protection Work

Bank Protection Left Side of Up-stream : Plum concrete Block

Bank Protection Right Side of Up-stream : Plum concrete Block

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

Bank Protection Right Side of Down-stream : Plum concrete Block

Floor Protection on Up-stream : no protection work provided

Floor Protection on Down-stream : no protection work provided

Treatment for Corrosion Protection (if any) : Red Oxide Primer with Synthetic enamel paint
final

Name of JE/AAE :

