

ID :1619 Takoli Bagdwaldhar Motor road Bridge at Km 1.00 \_\_\_\_\_

on Chainage 0.275 of Takoli to Bagdwaldhar motor road

In District Tehri Under TD Kirtinagar Division

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## Bridge Inventory Report

Division: TD Kirtinagar

Data not-yet finalized

### General

Name of Division : 47

Revenue Block Name : 22

Chainage (at Mid Point) : 0.275

Road/ Segment Name : 4161

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : Chandrabhaga Gadera

Name of Bridge : Takoli Bagdwaldhar Motor road Bridge at Km 1.00

Nearest Town : Duggada

Latitude (Northing) : 30.29614170

Longitude (Easting) : 78.69126670

Construction Year : 2017

Inventory Year : 2021

### Geometric

Overall length (in meter) : 18.00

Total No of Span : 1

Maximum Span (in meter) : 18.00

Span Arrangement : 1x18 m

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 : 797.500

OFL Ordinary Flood Level : 796.000

LWL Low Water Level : 795.500

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre :

Road Level at Centre : 802.500

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 : 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 :

