

ID :343 Khurni Gadera Bridge \_ \_ \_ \_ \_

on Chainage 16.732 of Ghansali Ghuttu motor road

In District Tehri Under TD Ghansaali Division

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## Bridge Inventory Report

Division: TD Ghansaali

Data not-yet finalized

### General

Name of Division : 45

Revenue Block Name : 19

Chainage (at Mid Point) : 16.732

Road/ Segment Name : 170

Bridge Type : Motor Bridge High Level

Structure No : 17/01

Feature Intersected : Khurni Gadera

Name of Bridge : Khurni Gadera Bridge

Nearest Town : Devath

Latitude (Northing) : 30.49787100

Longitude (Easting) : 78.71533000

Construction Year : 2019

Inventory Year : 2021

### Geometric

Overall length (in meter) : 9.00

Total No of Span : 1

Maximum Span (in meter) : 9.00

Span Arrangement : 1\*9.00

No of Lane : 2.000

Overall Width (m) : 7.500

Carriageway Width (m) : 6.800

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 :

OFL Ordinary Flood Level :

LWL Low Water Level :

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 : Solid slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Bituminous Concrete

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : other

Bearing type : Not Provided

Sub-Structure

Founding Strata : Bouldery

Abutment Foundation Type : Open

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : RCC Box type

Pier Type : NA

Protection Work

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

Bank Protection Right Side of Up-stream : Plum concrete in 5 meter height in 2 meter length

Bank Protection Left Side of Down-stream : Approach retaining wall 25 meter

Bank Protection Right Side of Down-stream : Approach retaining wall 25 meter

Floor Protection on Up-stream : wire crates in 3 rows in 6 meter length

Floor Protection on Down-stream : no protection work provided

Treatment for Corrosion Protection (if any) : no special treatment provided

final

Name of JE/AAE :

