

ID :2491 Steel girder bridge in km 1.00 at kakraligate thuligarh motor road \_ \_ \_ \_ \_

on Chainage 0.385 of Kakrali gate Thuligad Bharavmandir state highway

In District Champawat Under PD Champawat Division

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## Bridge Inventory Report

Division: PD Champawat

Data not-yet finalized

### General

Name of Division : 19

Revenue Block Name : 60

Chainage (at Mid Point) : 0.385

Road/ Segment Name : 194

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : Kakrali River

Name of Bridge : Steel girder bridge in km 1.00 at kakraligate thuligarh motor road

Nearest Town : TANAKPUR

Latitude (Northing) : 29.08198270

Longitude (Easting) : 80.10121710

Construction Year : 2011

Inventory Year : 2022

### Geometric

Overall length (in meter) : 45.00

Total No of Span : 1

Maximum Span (in meter) : 45.00

Span Arrangement : 1x45 m

No of Lane : 2.000

Overall Width (m) : 8.000

Carriageway Width (m) : 7.000

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 9.000

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 : Truss

Superstructure Material : Steel

Wearing Coat Type : Bituminous Concrete

Expansion Joint Type : Modular Strip/Box Seal Joints

Railing/Crash Barrier type : Tubular steel

Bearing type : POT PIN

Sub-Structure

Founding Strata : Bouldery

Abutment Foundation Type : Raft

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 : protection work provided

Bank Protection Right Side of Up-stream : protection work provided

Bank Protection Left Side of Down-stream : protection work provided

Bank Protection Right Side of Down-stream : 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 : TANUJA DEV

