

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

