

ID :1627 Raitasi Bridge \_ \_ \_ \_ \_

on Chainage 1.625 of Thati Dagar to Raintasi M/R with 24 mtr span steel girder bridge

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) : 1.625

Road/ Segment Name : 4177

Bridge Type : Motor Bridge High Level

Structure No : 2/1

Feature Intersected : Local Gadhera

Name of Bridge : Raitasi Bridge

Nearest Town : Kirtinagar

Latitude (Northing) : 30.35914700

Longitude (Easting) : 78.69290200

Construction Year : 2021

Inventory Year : 2023

### Geometric

Overall length (in meter) : 24.00

Total No of Span : 1

Maximum Span (in meter) : 24.00

Span Arrangement : 1x24

No of Lane : 1.000

Overall Width (m) : 4.500

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) :

Soffit Level at Centre :

Road Level at Centre :

Design Scour Level at Pier :

Design Scour Level at Abutments :

Exposure Condition : Moderate

Seismic Importance factor : 0.0

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 : other  
Bearing type : POT PIN  
Sub-Structure  
Founding Strata : Rocky  
Abutment Foundation Type : Open  
Pier Foundation Type : NA  
No of Piers : 0  
Abutment Type : Stone Masonry  
Pier Type : NA  
Protection Work  
Bank Protection Left Side of Up-stream : plum concrete provided  
Bank Protection Right Side of Up-stream : plum concrete provided  
Bank Protection Left Side of Down-stream : no protection work provided  
Bank Protection Right Side of Down-stream : no 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 : Rajdeep Singh Bisht

