

ID :3047 70 m Steel Girder Bridge at Banswara \_\_\_\_\_

on Chainage 0.090 of Banswara Bashti Basukedar motor road

In District Rudraprayag Under CD Ukhimath Division

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## Bridge Inventory Report

Division: CD Ukhimath

Data not-yet finalized

### General

Name of Division : 40

Revenue Block Name : 17

Chainage (at Mid Point) : 0.090

Road/ Segment Name : 1837

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : Mandakini River

Name of Bridge : 70 m Steel Girder Bridge at Banswara

Nearest Town : Banswada

Latitude (Northing) : 30.45290000

Longitude (Easting) : 79.07490000

Construction Year : 2008

Inventory Year : 2023

### Geometric

Overall length (in meter) : 70.00

Total No of Span : 1

Maximum Span (in meter) : 70.00

Span Arrangement : 1x1

No of Lane : 1.000

Overall Width (m) : 7.000

Carriageway Width (m) : 4.250

RS Footpath Width (m) : 0.750

LS Footpath Width (m) : 0.750

Approach Width i/c Shoulders (m) : 6.000

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

### Design Data

HFL Highest Flood Level : 919.000

OFL Ordinary Flood Level : 916.000

LWL Low Water Level : 910.000

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre : 924.500

Road Level at Centre : 925.000

Design Scour Level at Pier :

Design Scour Level at Abutments :

Exposure Condition : Moderate

Seismic Importance factor : 1.0

Design Loading : Class B  
Load Rating : Class B  
Super-Structure  
Superstructure Type : Truss  
Superstructure Material : Steel  
Wearing Coat Type : Cement Concrete  
Expansion Joint Type : Other  
Railing/Crash Barrier type : Tubular steel  
Bearing type : Roller & Rocker  
Sub-Structure  
Founding Strata : Rocky  
Abutment Foundation Type : Open  
Pier Foundation Type : Raft  
No of Piers : 0  
Abutment Type : Stone Masonry  
Pier Type : NA  
Protection Work  
Bank Protection Left Side of Up-stream : Plum Concrete  
Bank Protection Right Side of Up-stream : Plum Concrete  
Bank Protection Left Side of Down-stream : Plum Concrete  
Bank Protection Right Side of Down-stream : Plum Concrete  
Floor Protection on Up-stream : NA  
Floor Protection on Down-stream : NA  
Treatment for Corrosion Protection (if any) : NA  
final  
Name of JE/AAE : Deepak Kumar

