

ID :648 Manikarnika Ghat Bridge \_ \_ \_ \_ \_

on Chainage 0.700 of Uttarkashi Ghansali Tilwara state highway

In District Uttarkashi Under PD Uttarkashi Division

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## Bridge Inventory Report

Division: PD Uttarkashi

Data not-yet finalized

### General

Name of Division : 30

Revenue Block Name : 6

Chainage (at Mid Point) : 0.700

Road/ Segment Name : 98

Bridge Type : Pedestrian Bridge

Structure No : 1/1

Feature Intersected : Bhagirathi River

Name of Bridge : Manikarnika Ghat Bridge

Nearest Town : Uttarkashi

Latitude (Northing) : 30.72870500

Longitude (Easting) : 78.43605500

Construction Year : 2017

Inventory Year : 2021

### Geometric

Overall length (in meter) : 157.50

Total No of Span : 1

Maximum Span (in meter) : 157.50

Span Arrangement : 1\*157.50

No of Lane : 1.000

Overall Width (m) : 2.100

Carriageway Width (m) : 2.100

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 2.100

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 : Footpath Live Load  
Load Rating : Footpath Live Load  
Super-Structure  
Superstructure Type : Suspension  
Superstructure Material : Steel  
Wearing Coat Type : Not Provided  
Expansion Joint Type : Single Strip/Box Seal Joint  
Railing/Crash Barrier type : other  
Bearing type : Not Provided  
Sub-Structure  
Founding Strata : Sandy  
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 : 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 :

