

ID :1689 Kedar Bridge \_ \_ \_ \_ \_

on Chainage 0.050 of Walmara Syalde Kedar motor road

In District Almora Under PD Ranikhet Division

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## Bridge Inventory Report

Division: PD Ranikhet

Data not-yet finalized

### General

Name of Division : 3

Revenue Block Name : 61

Chainage (at Mid Point) : 0.050

Road/ Segment Name : 708

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : Ramganga River

Name of Bridge : Kedar Bridge

Nearest Town : Syaldey

Latitude (Northing) : 29.78464200

Longitude (Easting) : 79.23318200

Construction Year : 1967

Inventory Year : 2010

### Geometric

Overall length (in meter) : 97.54

Total No of Span : 1

Maximum Span (in meter) : 97.54

Span Arrangement : 1x97.54

No of Lane : 1.000

Overall Width (m) : 1.830

Carriageway Width (m) : 1.830

RS Footpath Width (m) : 2.000

LS Footpath Width (m) : 2.000

Approach Width i/c Shoulders (m) : 2.000

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 : Footpath Live Load

Load Rating : Footpath Live Load

Super-Structure

Superstructure Type : Suspension

Superstructure Material : Steel

Wearing Coat Type : Not Provided

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : Tubular steel

Bearing type : Not Provided

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 : no protection work provided

Bank Protection Right Side of Up-stream : no protection work 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 : Gulam Mohammad

