

ID :1416 24m Truss Bridge at KM 1 of Kansil Jabri MR \_\_\_\_\_

on Chainage 0.460 of Karnsil Jabri 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) : 0.460

Road/ Segment Name : 1840

Bridge Type : Motor Bridge High Level

Structure No : KJ/1

Feature Intersected : Bhanajgad

Name of Bridge : 24m Truss Bridge at KM 1 of Kansil Jabri MR

Nearest Town : Agastmuni

Latitude (Northing) : 30.42194000

Longitude (Easting) : 79.12666600

Construction Year : 1986

Inventory Year : 2020

### Geometric

Overall length (in meter) : 24.00

Total No of Span : 1

Maximum Span (in meter) : 24.00

Span Arragment : 1x24

No of Lane : 1.000

Overall Width (m) : 5.200

Carriageway Width (m) : 4.600

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approch 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 : 1291.000

OFL Ordinary Flood Level : 1288.400

LWL Low Water Level : 1287.000

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre : 1297.500

Road Level at Centre : 1301.000

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 : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Steel rolled section

Bearing type : Elastomeric

Sub-Structure

Founding Strata : Bouldery

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 Block

Bank Protection Right Side of Up-stream : Plum Concrete Block

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 : Pradeep Semwal

