

ID :3024 36 m Steel Girder Bridge on ukhimath-mansuna-jagasu-Raunlek motor Road _____
on Chainage 10.675 of Ukhimath Mansoona Jugasu Raulek Uniyana motor road
In District Rudraprayag Under CD Ukhimath Division

Bridge Inventory Report

Division: CD Ukhimath

Data not-yet finalized

General

Name of Division : 40

Revenue Block Name : 16

Chainage (at Mid Point) : 10.675

Road/ Segment Name : 159

Bridge Type : Motor Bridge High Level

Structure No : 1

Feature Intersected : Quyar Gad

Name of Bridge : 36 m Steel Girder Bridge on ukhimath-mansuna-jagasu-Raunlek motor Road

Nearest Town : Mansuna

Latitude (Northing) : 30.54527778

Longitude (Easting) : 79.11972222

Construction Year : 1980

Inventory Year : 2020

Geometric

Overall length (in meter) : 36.00

Total No of Span : 1

Maximum Span (in meter) : 36.00

Span Arrangement : 1x36

No of Lane : 1.000

Overall Width (m) : 4.750

Carriageway Width (m) : 4.000

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 8.400

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level : 1233.000

OFL Ordinary Flood Level : 1230.000

LWL Low Water Level : 1227.000

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre :

Road Level at Centre : 1237.000

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 : T-beam and slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Tubular steel

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 : 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 :

