

ID :3025 95m Steel Girder Bridge on ukhimath-mansuna-jagasu-Raunlek motor Road _____
on Chainage 9.948 of Ukhimath Mansoona Jagasu 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) : 9.948

Road/ Segment Name : 159

Bridge Type : Motor Bridge High Level

Structure No : 3

Feature Intersected : Quar Gan

Name of Bridge : 95m Steel Girder Bridge on ukhimath-mansuna-jagasu-Raunlek motor Road

Nearest Town : Mansuna

Latitude (Northing) : 30.33100000

Longitude (Easting) : 79.11000000

Construction Year : 2002

Inventory Year : 2020

Geometric

Overall length (in meter) : 95.00

Total No of Span : 1

Maximum Span (in meter) : 95.00

Span Arrangement : 1x95

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 : 1293.000

OFL Ordinary Flood Level : 1290.000

LWL Low Water Level : 1288.000

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre :

Road Level at Centre : 1296.000

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 : Elastomeric

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : Well

No of Piers : 0

Abutment Type : Stone Masonry

Pier Type : RCC Solid

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 :

