

ID :2974 48m steel girder motor bridge _ _ _ _ _

on Chainage 2.950 of Kakra Parkandi Kandara 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 : 17

Chainage (at Mid Point) : 2.950

Road/ Segment Name : 1844

Bridge Type : Motor Bridge High Level

Structure No : 1

Feature Intersected : kusumgardh

Name of Bridge : 48m steel girder motor bridge

Nearest Town : bhiri

Latitude (Northing) : 30.49259700

Longitude (Easting) : 79.10633700

Construction Year : 2018

Inventory Year : 2018

Geometric

Overall length (in meter) : 48.00

Total No of Span : 1

Maximum Span (in meter) : 48.00

Span Arrangement : 48x1

No of Lane : 1.000

Overall Width (m) : 4.250

Carriageway Width (m) : 5.500

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach 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 :

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 : Class A
Load Rating : Class A
Super-Structure
Superstructure Type : Truss
Superstructure Material : Reinforced concrete
Wearing Coat Type : Cement Concrete
Expansion Joint Type : Reinforced Elastomeric Joint
Railing/Crash Barrier type : Steel rolled section
Bearing type : POT PIN
Sub-Structure
Founding Strata : Rocky
Abutment Foundation Type : Open
Pier Foundation Type : Open
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 :

