

ID :3485 RCC bridge at nivtar gahera _____
on Chainage 0.600 of Chaumashi to Nivtar Motor Marg
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) : 0.600
Road/ Segment Name : 6845
Bridge Type : Motor Bridge High Level
Structure No : 1/3
Feature Intersected : nivtar gadhera
Name of Bridge : RCC bridge at nivtar gahera
Nearest Town : nivtar
Latitude (Northing) : 30.61571000
Longitude (Easting) : 79.07356000
Construction Year : 2023
Inventory Year : 2023

Geometric

Overall length (in meter) : 10.00
Total No of Span : 1
Maximum Span (in meter) : 10.00
Span Arragment : 1x10
No of Lane : 1.000
Overall Width (m) : 6.000
Carriageway Width (m) : 5.500
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 7.000
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) : 2.50
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 : 1.2

Design Loading : Class B

Load Rating : Class B

Super-Structure

Superstructure Type : Solid slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Other

Railing/Crash Barrier type : Cast-in-situ concrete

Bearing type : Not Provided

Sub-Structure

Founding Strata : Bouldery

Abutment Foundation Type : Raft

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : Stone Masonry

Pier Type : NA

Protection Work

Bank Protection Left Side of Up-stream : stone masonry and gabions

Bank Protection Right Side of Up-stream : stone masonry and gabions

Bank Protection Left Side of Down-stream : stone masonry

Bank Protection Right Side of Down-stream : stone masonry and gabions

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 : Syed Tauqeer alam

