

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 Arrangement : 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
Approach 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

