

ID :1101 6.50 m Badeth R.C.C bridge _ _ _ _ _
on Chainage 2.350 of Kamsal Jagot 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) : 2.350
Road/ Segment Name : 1833
Bridge Type : Motor Bridge High Level
Structure No : 1
Feature Intersected : local stream
Name of Bridge : 6.50 m Badeth R.C.C bridge
Nearest Town : Agustmuni
Latitude (Northing) : 30.38922600
Longitude (Easting) : 79.07183600
Construction Year : 2017
Inventory Year : 2021

Geometric

Overall length (in meter) : 6.50
Total No of Span : 1
Maximum Span (in meter) : 6.50
Span Arrangement : 1x6.5
No of Lane : 1.000
Overall Width (m) : 5.500
Carriageway Width (m) : 5.300
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approach Width i/c Shoulders (m) : 6.000
Gradient (%age) : 2
Skew Angle (degree) : 10.00
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 : 1299.950
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 : Cast-in-situ concrete

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 :

