ID :1103 11m Ghingran R.C.C bridge __ __ __ __ __

on Chainage 2.590 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) : 2.590
Road/ Segment Name : 1833
Bridge Type : Motor Bridge High Level
Structure No : 2
Feature Intersected : local stream
Name of Bridge : 11m Ghingran R.C.C bridge
Nearest Town : Agustmuni
Latitude (Northing) : 30.38866700
Longitude (Easting) : 79.07419100
Construction Year : 2017
Inventory Year : 2021
Work Code(s) : --
Geometric
Overall length (in meter) : 11.00
Total No of Span : 1
Maximuam Span (in meter) : 11.00
Span Arragment : 1x11
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
Approch Width i/c Shoulders (m) : 6.200
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 :
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
Expension 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 : 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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE :

