

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 :

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 : Elastomeric

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 : Er. Parmanand Ram Devradi

