

ID :3620 Local Gadera _ _ _ _ _

on Chainage 4.950 of Narendranagar Ranipokhari state highway

In District Tehri Under CD Narendnagar Division

Bridge Inventory Report

Division: CD Narendnagar

Data not-yet finalized

General

Name of Division : 44

Revenue Block Name : 27

Chainage (at Mid Point) : 4.950

Road/ Segment Name : 73

Bridge Type : Motor Bridge High Level

Structure No : 4/7

Feature Intersected : Local Gadera

Name of Bridge : Local Gadera

Nearest Town : Dagar

Latitude (Northing) : 30.18520200

Longitude (Easting) : 78.29345500

Construction Year : 2017

Inventory Year : 2025

Geometric

Overall length (in meter) : 15.00

Total No of Span : 3

Maximum Span (in meter) : 15.00

Span Arrangement : 3x5.00

No of Lane : 2.000

Overall Width (m) : 15.000

Carriageway Width (m) : 7.000

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 5.500

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) :

Design Discharge (Cumecs) :

Soffit Level at Centre :

Road Level at Centre :

Design Scour Level at Pier :

Design Scour Level at Abutments :

Exposure Condition : Mild

Seismic Importance factor : 1.0

Design Loading : Class A

Load Rating : Class A

Super-Structure

Superstructure Type : Single/Multi-cell Box

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : Not Provided

Bearing type : Not Provided

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Raft

Pier Foundation Type : Raft

No of Piers : 2

Abutment Type : RCC Box type

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

Treatment for Corrosion Protection (if any) : no special treatment provided

final

Name of JE/AAE :

