

ID :1387 Padli _ _ _ _ _

on Chainage 32.250 of Jyolikot Almora Karanprayag national highway

In District Nainital Under NH Haldwani Division

Bridge Inventory Report

Division: NH Haldwani

Data not-yet finalized

General

Name of Division : 61

Revenue Block Name : 75

Chainage (at Mid Point) : 32.250

Road/ Segment Name : 12

Bridge Type : Motor Bridge High Level

Structure No : 33/2

Feature Intersected : local nala

Name of Bridge : Padli

Nearest Town : Padli

Latitude (Northing) : 29.47291170

Longitude (Easting) : 79.47952500

Construction Year :

Inventory Year : 2020

Geometric

Overall length (in meter) : 9.30

Total No of Span : 1

Maximum Span (in meter) : 8.90

Span Arrangement : 1x9.30

No of Lane : 1.000

Overall Width (m) : 5.000

Carriageway Width (m) : 4.250

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 5.200

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level : 995.900

OFL Ordinary Flood Level : 996.100

LWL Low Water Level : 997.200

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

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Tubular steel

Bearing type : Elastomeric

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : Raft

No of Piers : 2

Abutment Type : Stone Masonry

Pier Type : Stone Masonry

Protection Work

Bank Protection Left Side of Up-stream : Guide wall

Bank Protection Right Side of Up-stream : Guide wall

Bank Protection Left Side of Down-stream : Guide wall

Bank Protection Right Side of Down-stream : Guide wall

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 :

