

ID :70 Jhutiya Bridge _ _ _ _ _

on Chainage 2.100 of Talla Ramgarh Ratighat motor road (Sri Arvindo Sarni Motor Road).

In District Nainital Under CD Nainital Division

Bridge Inventory Report

Division: CD Nainital

Data not-yet finalized

General

Name of Division : 10

Revenue Block Name : 76

Chainage (at Mid Point) : 2.100

Road/ Segment Name : 2678

Bridge Type : Motor Bridge High Level

Structure No : 3/1

Feature Intersected : local Gadhera

Name of Bridge : Jhutiya Bridge

Nearest Town : Jhutiya , Talla Ramgarh

Latitude (Northing) : 29.44259400

Longitude (Easting) : 79.54243100

Construction Year : 2016

Inventory Year : 2020

Geometric

Overall length (in meter) : 6.00

Total No of Span : 1

Maximum Span (in meter) : 6.00

Span Arrangement : 1x6

No of Lane : 1.500

Overall Width (m) : 5.500

Carriageway Width (m) : 4.500

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 6.000

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 : Moderate

Seismic Importance factor : 1.0

Design Loading : Class B
Load Rating : Class B
Super-Structure
Superstructure Type : Solid slab
Superstructure Material : Masonry
Wearing Coat Type : Bituminous Concrete
Expansion Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Cast-in-situ concrete
Bearing type : other
Sub-Structure
Founding Strata : Rocky
Abutment Foundation Type : Raft
Pier Foundation Type : NA
No of Piers : 0
Abutment Type : Stone Masonry
Pier Type : NA
Protection Work
Bank Protection Left Side of Up-stream : RR Stone 1:5 wall
Bank Protection Right Side of Up-stream : RR Stone 1:5 wall
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 : CC Floor
Floor Protection on Down-stream : CC Floor
Treatment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : MANMOHAN SINGH

