

ID :1427 Ranigarh _ _ _ _ _

on Chainage 18.260 of Ghansali Ghuttu motor road

In District Tehri Under TD Ghansaali Division

Bridge Inventory Report

Division: TD Ghansaali

Data not-yet finalized

General

Name of Division : 45

Revenue Block Name : 19

Chainage (at Mid Point) : 18.260

Road/ Segment Name : 170

Bridge Type : Motor Bridge High Level

Structure No : 19/01

Feature Intersected : Ranigarh gadera

Name of Bridge : Ranigarh

Nearest Town : Panyakoti/Devath

Latitude (Northing) : 30.50026000

Longitude (Easting) : 78.72391500

Construction Year : 1979

Inventory Year : 2021

Geometric

Overall length (in meter) : 10.80

Total No of Span : 1

Maximum Span (in meter) : 10.80

Span Arrangement : 1*10.8

No of Lane : 1.500

Overall Width (m) : 7.500

Carriageway Width (m) : 6.100

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 7.500

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 : 0.0

Design Loading : Class B
Load Rating : NA
Super-Structure
Superstructure Type : Arch
Superstructure Material : Composite
Wearing Coat Type : Bituminous Concrete
Expansion Joint Type : Not Provided
Railing/Crash Barrier type : Not Provided
Bearing type : Not Provided
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 :

