

ID :2710 Tyuna Bridge _ _ _ _ _

on Chainage 48.350 of Tuyuni Chakrata Mussoorie Chamba New Tehri Maletha national highway

In District Dehradun Under NH Doiwala Division

Bridge Inventory Report

Division: NH Doiwala

Data not-yet finalized

General

Name of Division : 132

Revenue Block Name : 28

Chainage (at Mid Point) : 48.350

Road/ Segment Name : 19

Bridge Type : Motor Bridge High Level

Structure No : 1/49

Feature Intersected : Tyuna Nala

Name of Bridge : Tyuna Bridge

Nearest Town : yuna

Latitude (Northing) : 30.77177740

Longitude (Easting) : 77.84836083

Construction Year : 1965

Inventory Year : 2022

Geometric

Overall length (in meter) : 18.00

Total No of Span : 1

Maximum Span (in meter) : 18.00

Span Arrangement : 1x18

No of Lane : 1.000

Overall Width (m) : 11.000

Carriageway Width (m) : 8.100

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 11.000

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 : Plate Girder
Superstructure Material : Reinforced concrete
Wearing Coat Type : Cement Concrete
Expansion Joint Type : Not Provided
Railing/Crash Barrier type : other
Bearing type : other
Sub-Structure
Founding Strata : Rocky
Abutment Foundation Type : Open
Pier Foundation Type : NA
No of Piers : 0
Abutment Type : other
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 : Braham Dutt Dobhal

