

ID :3381 Motor bridge Over Dhundeshwar gadhera in Km 6 of Khola Dharpayankoti M/R _____
on Chainage 6.600 of khola Dharpayankoti motor road
In District Tehri Under TD Kirtinagar Division

Bridge Inventory Report

Division: TD Kirtinagar

Data not-yet finalized

General

Name of Division : 47

Revenue Block Name : 22

Chainage (at Mid Point) : 6.600

Road/ Segment Name : 8083

Bridge Type : Motor Bridge High Level

Structure No : 7/1

Feature Intersected : Dhundeshwar gadhera

Name of Bridge : Motor bridge Over Dhundeshwar gadhera in Km 6 of Khola Dharpayankoti M/R

Nearest Town : Kirtinagar

Latitude (Northing) : 30.31178889

Longitude (Easting) : 78.75967222

Construction Year : 2005

Inventory Year : 2024

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) : 4.250

Carriageway Width (m) : 3.750

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 : 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 : other

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 : Protection work provide with plum concrete & walls

Bank Protection Right Side of Up-stream : Protection work provide with plum concrete & walls

Bank Protection Left Side of Down-stream : Protection work provide with plum concrete & walls

Bank Protection Right Side of Down-stream : Protection work provide with plum concrete & walls

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/AEE : Er. Mahesh Nautiyal (JE) and Er. Munish Kumar (AE)

