

ID :3562 himtoli steel girder bridge _ _ _ _ _
on Chainage 10.840 of Mola gard Mati Motor road
In District Chamoli Under PD Karnprayag Division

Bridge Inventory Report

Division: PD Karnprayag

Data not-yet finalized

General

Name of Division : 36
Revenue Block Name : 9
Chainage (at Mid Point) : 10.840
Road/ Segment Name : 7348
Bridge Type : Motor Bridge High Level
Structure No : 1/1
Feature Intersected : himtoli gadhera
Name of Bridge : himtoli steel girder bridge
Nearest Town : nandanagar
Latitude (Northing) : 30.31361100
Longitude (Easting) : 79.39833300
Construction Year : 2015
Inventory Year : 2025

Geometric

Overall length (in meter) : 18.00
Total No of Span : 1
Maximum Span (in meter) : 18.00
Span Arrangement : 1*18
No of Lane : 1.000
Overall Width (m) : 4.200
Carriageway Width (m) : 4.200
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approach Width i/c Shoulders (m) : 5.500
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 : Moderate
Seismic Importance factor : 1.0

Design Loading : Class A

Load Rating : Class A

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 : POT PIN

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : Well

No of Piers : 2

Abutment Type : Stone Masonry

Pier Type : RCC Solid

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 :

