

ID :3214 21.00 m Span Steel Girder Motor Bridge on nandprayag-Ghat Motor Road Over Mokh Gadhera (Sera) _ _ _ _ _

on Chainage 14.100 of Nandprayag Ghat Sutol Kanol 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) : 14.100

Road/ Segment Name : 390

Bridge Type : Motor Bridge High Level

Structure No : 15/01

Feature Intersected : Mokh Gadhera

Name of Bridge : 21.00 m Span Steel Girder Motor Bridge on nandprayag-Ghat Motor Road Over Mokh Gadhera (Sera)

Nearest Town : Sera

Latitude (Northing) : 30.22183300

Longitude (Easting) : 79.41360800

Construction Year : 1964

Inventory Year : 2010

Geometric

Overall length (in meter) : 21.00

Total No of Span : 1

Maximuam Span (in meter) : 21.00

Span Arragment : 1x21

No of Lane : 1.000

Overall Width (m) : 5.200

Carriageway Width (m) : 4.200

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approch Width i/c Shoulders (m) : 6.500

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 B
Load Rating : Class B
Super-Structure
Superstructure Type : Truss
Superstructure Material : Steel
Wearing Coat Type : Cement Concrete
Expansion Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Tubular steel
Bearing type : Elastomeric
Sub-Structure
Founding Strata : Bouldery
Abutment Foundation Type : Raft
Pier Foundation Type : Raft
No of Piers : 0
Abutment Type : Stone Masonry
Pier Type : Stone Masonry
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 : Er. Suresh Lal

