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
Work Code(s) : --
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
Expension 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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : Er. Suresh Lal

