ID :1190 Songanga bridge __ __ __ __ __

on Chainage 70.240 of Rudarprayag Gorikund National Highway

In District Rudraprayag Under NH Div Rudraprayag Division

Bridge Inventory Report

Division: NH Div Rudraprayag

Data not-yet finalized

General
Name of Division : 131
Revenue Block Name : 16
Chainage (at Mid Point) : 70.240
Road/ Segment Name : 8
Bridge Type : Motor Bridge High Level
Structure No : 27
Feature Intersected : songanga river
Name of Bridge : Songanga bridge
Nearest Town : Sonprayag
Latitude (Northing) : 30.63551300
Longitude (Easting) : 78.99874900
Construction Year : 2016
Inventory Year : 2024
Work Code(s) : --
Geometric
Overall length (in meter) : 65.00
Total No of Span : 1
Maximuam Span (in meter) : 65.00
Span Arragment : 1*61
No of Lane : 1.500
Overall Width (m) : 9.550
Carriageway Width (m) : 5.550
RS Footpath Width (m) : 1.500
LS Footpath Width (m) : 1.500
Approch Width i/c Shoulders (m) : 11.500
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 : 0.0
Design Loading : Class A
Load Rating : Class A
Super-Structure
Superstructure Type : Bailey
Superstructure Material : Steel
Wearing Coat Type : Other
Expension Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : other
Bearing type : Elastomeric
Sub-Structure
Founding Strata : Rocky
Abutment Foundation Type : Open
Pier Foundation Type : NA
No of Piers : 0
Abutment Type : RCC counterfort type
Pier Type : NA
Protection Work
Bank Protection Left Side of Up-stream : Abutment protected by CC Blocks & Gabions.
Bank Protection Right Side of Up-stream : Abutment protected by CC Blocks & Gabions.
Bank Protection Left Side of Down-stream : Abutment protected by RR Wall.
Bank Protection Right Side of Down-stream : Abutment protected by CC Blocks & Gabions.
Floor Protection on Up-stream : no protection work provided
Floor Protection on Down-stream : no protection work provided
Tratment for Corrosion Protection (if any) : Galvanization.
final
Name of JE/AAE :