

ID :1190 Songanga bridge _ _ _ _ _

on Chainage 70.240 of Rudraprayag Gorikund National Highway

In District Rudraprayag Under NH Rudraprayag Division

Bridge Inventory Report

Division: NH 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

Geometric

Overall length (in meter) : 61.00

Total No of Span : 1

Maximum Span (in meter) : 61.00

Span Arrangement : 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

Approach 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

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : other

Bearing type : Roller & Rocker

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

Treatment for Corrosion Protection (if any) : Galvanization.

final

Name of JE/AAE : Er Buddhiram Bhatt

