

ID :1284 Syanachatti Brigde \_ \_ \_ \_ \_

on Chainage 204.418 of Rishikesh Dharasu Barkot Phool Chatti (Yamunotri) national highway

In District Uttarkashi Under NH Badkot Division

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## Bridge Inventory Report

Division: NH Badkot

Data not-yet finalized

### General

Name of Division : 62

Revenue Block Name : 3

Chainage (at Mid Point) : 204.418

Road/ Segment Name : 7

Bridge Type : Motor Bridge High Level

Structure No : 205/1

Feature Intersected : Yamuna

Name of Bridge : Syanachatti Brigde

Nearest Town : Syanachatti

Latitude (Northing) : 30.90583000

Longitude (Easting) : 78.35972000

Construction Year : 1990

Inventory Year : 2021

### Geometric

Overall length (in meter) : 36.00

Total No of Span : 1

Maximum Span (in meter) : 36.00

Span Arragment : 1x36

No of Lane : 1.000

Overall Width (m) : 5.550

Carriageway Width (m) : 4.200

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approch 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 : Truss

Superstructure Material : Composite

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Steel rolled section

Bearing type : Roller & Rocker

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Raft

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : Stone Masonry

Pier Type : NA

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 :

