

ID :2249 Satpuli bridge \_ \_ \_ \_ \_

on Chainage 195.500 of Starting from its junction with NH-58 near Meerut in the state of Uttar Pradesh and connecting Bijnor Najibabad Kotdwara Pauri and terminating at junction with NH -58 near Srinagar National Highway

In District Pauri Under NH Srinagar Division

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## Bridge Inventory Report

Division: NH Srinagar

Data not-yet finalized

### General

Name of Division : 130

Revenue Block Name : 45

Chainage (at Mid Point) : 195.500

Road/ Segment Name : 10

Bridge Type : Motor Bridge High Level

Structure No : --

Feature Intersected : Nayar River

Name of Bridge : Satpuli bridge

Nearest Town : Satpuli

Latitude (Northing) : 29.91916000

Longitude (Easting) : 78.71120000

Construction Year : 2018

Inventory Year : 2020

### Geometric

Overall length (in meter) : 110.00

Total No of Span : 3

Maximum Span (in meter) : 60.00

Span Arrangement : 1\*25+1\*60+1\*25

No of Lane : 2.000

Overall Width (m) : 12.000

Carriageway Width (m) : 7.500

RS Footpath Width (m) : 1.500

LS Footpath Width (m) : 1.500

Approach Width i/c Shoulders (m) : 12.000

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 : Box girder  
Superstructure Material : Reinforced concrete  
Wearing Coat Type : Cement Concrete  
Expansion Joint Type : Single Strip/Box Seal Joint  
Railing/Crash Barrier type : Cast-in-situ concrete  
Bearing type : other  
Sub-Structure  
Founding Strata : Rocky  
Abutment Foundation Type : Open  
Pier Foundation Type : Well  
No of Piers : 2  
Abutment Type : RCC buttressed type  
Pier Type : RCC Hollow  
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 : vishaka chauhan

