

ID :2065 Steel Girder Bridge \_ \_ \_ \_ \_

on Chainage 194.650 of Late Shri Geetaram Pokhriyal state highway (Marchula Saraikhet Baijro Pokhra Satpuli Pauri state highway)

In District Pauri Under PD Pauri Division

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## Bridge Inventory Report

Division: PD Pauri

Data not-yet finalized

### General

Name of Division : 67

Revenue Block Name : 37

Chainage (at Mid Point) : 194.650

Road/ Segment Name : 62

Bridge Type : Motor Bridge High Level

Structure No : 195/1

Feature Intersected : Nayar River

Name of Bridge : Steel Girder Bridge

Nearest Town : Banghat Near Satpuli

Latitude (Northing) : 29.94986000

Longitude (Easting) : 78.68852000

Construction Year : 1979

Inventory Year : 2022

### Geometric

Overall length (in meter) : 76.60

Total No of Span : 1

Maximum Span (in meter) : 76.00

Span Arrangement : 1x76

No of Lane : 1.000

Overall Width (m) : 5.150

Carriageway Width (m) : 4.950

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 6.600

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

### Design Data

HFL Highest Flood Level : 541.000

OFL Ordinary Flood Level : 539.000

LWL Low Water Level : 534.000

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre : 545.700

Road Level at Centre : 546.000

Design Scour Level at Pier :

Design Scour Level at Abutments : 530.000

Exposure Condition : Very Severe

Seismic Importance factor : 1.0

Design Loading : Class B

Load Rating : Class B

Super-Structure

Superstructure Type : Truss

Superstructure Material : Steel

Wearing Coat Type : Bituminous Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Tubular steel

Bearing type : POT PIN

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

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 : Retaining wall

Bank Protection Left Side of Down-stream : no protection work provided

Bank Protection Right Side of Down-stream : Retaining wall

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 : Er. Mahendra Singh Dawan

