

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

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

