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
Work Code(s) : ADB
Geometric
Overall length (in meter) : 76.60
Total No of Span : 1
Maximuam Span (in meter) : 76.00
Span Arragment : 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
Approch 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
Expension 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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE :

