ID :1326 Pre stressed RCC bridge __ __ __ __ __

on Chainage 48.600 of Pauri Devpryag Gaja Jajal 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 : 34
Chainage (at Mid Point) : 48.600
Road/ Segment Name : 76
Bridge Type : Motor Bridge High Level
Structure No : 48/1
Feature Intersected : Ganga River
Name of Bridge : Pre stressed RCC bridge
Nearest Town : Devprayag
Latitude (Northing) : 30.14066944
Longitude (Easting) : 78.59628888
Construction Year : 2001
Inventory Year : 2022
Work Code(s) : --
Geometric
Overall length (in meter) : 160.80
Total No of Span : 3
Maximuam Span (in meter) : 80.00
Span Arragment : 1x31.80m+1x80 +1x42.20
No of Lane : 1.000
Overall Width (m) : 8.400
Carriageway Width (m) : 7.500
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 8.400
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 70R
Load Rating : Class 70R
Super-Structure
Superstructure Type : T-beam and slab
Superstructure Material : Reinforced concrete
Wearing Coat Type : Cement Concrete
Expension Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Pre-cast concrete
Bearing type : POT PIN
Sub-Structure
Founding Strata : Rocky
Abutment Foundation Type : Open
Pier Foundation Type : Well
No of Piers : 0
Abutment Type : Stone Masonry
Pier Type : RCC Solid
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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : Ashok tamta