ID :1259 Pre stressed concrete Bridge __ __ __ __ __

on Chainage 7.800 of Manglor Nanuta Devband state highway

In District Haridwar Under CD Roorkee Division

Bridge Inventory Report

Division: CD Roorkee

Data not-yet finalized

General
Name of Division : 59
Revenue Block Name : 92
Chainage (at Mid Point) : 7.800
Road/ Segment Name : 66
Bridge Type : Motor Bridge High Level
Structure No : 1/12
Feature Intersected : Sheela khala
Name of Bridge : Pre stressed concrete Bridge
Nearest Town : Narsan
Latitude (Northing) : 29.73328000
Longitude (Easting) : 77.80451000
Construction Year : 1987
Inventory Year : 2021
Work Code(s) : --
Geometric
Overall length (in meter) : 50.60
Total No of Span : 2
Maximuam Span (in meter) : 25.30
Span Arragment : 2x25.30
No of Lane : 1.000
Overall Width (m) : 8.100
Carriageway Width (m) : 8.100
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 11.000
Gradient (%age) : 0
Skew Angle (degree) : 30.00
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 : T-beam and slab
Superstructure Material : Reinforced concrete
Wearing Coat Type : Cement Concrete
Expension Joint Type : Not Provided
Railing/Crash Barrier type : Cast-in-situ concrete
Bearing type : other
Sub-Structure
Founding Strata : Soft clayey
Abutment Foundation Type : Well
Pier Foundation Type : NA
No of Piers : 0
Abutment Type : RCC spill through type
Pier Type : NA
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 : Shivani Saini