ID :3656 kedar bridge __ __ __ __ __

on Chainage 15.100 of Walmara Syalde Kedar motor road

In District Almora Under PD Ranikhet Division

Bridge Inventory Report

Division: PD Ranikhet

Data not-yet finalized

General
Name of Division : 3
Revenue Block Name : 61
Chainage (at Mid Point) : 15.100
Road/ Segment Name : 708
Bridge Type : Motor Bridge High Level
Structure No : 15/1
Feature Intersected : vinod river
Name of Bridge : kedar bridge
Nearest Town : kedar
Latitude (Northing) : 29.78504600
Longitude (Easting) : 79.23418900
Construction Year : 2020
Inventory Year : 2025
Work Code(s) : --
Geometric
Overall length (in meter) : 105.00
Total No of Span : 1
Maximuam Span (in meter) : 105.00
Span Arragment : 1x105
No of Lane : 1.500
Overall Width (m) : 4.500
Carriageway Width (m) : 4.000
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 6.000
Gradient (%age) : 0
Skew Angle (degree) : 0.00
Radius of Curve in Plan (if Any) : 0.00
Design Data
HFL Highest Flood Level : 106.000
OFL Ordinary Flood Level : 101.000
LWL Low Water Level : 105.000
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 : 1.2
Design Loading : Class B
Load Rating : Class B
Super-Structure
Superstructure Type : T-beam and slab
Superstructure Material : Steel
Wearing Coat Type : Cement Concrete
Expension Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Tubular steel
Bearing type : Roller & Rocker
Sub-Structure
Founding Strata : Bouldery
Abutment Foundation Type : Open
Pier Foundation Type : NA
No of Piers : 0
Abutment Type : RCC counterfort type
Pier Type : NA
Protection Work
Bank Protection Left Side of Up-stream : protected with wirecrets
Bank Protection Right Side of Up-stream : protected with wirecrets
Bank Protection Left Side of Down-stream : wirecrets
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 :

