

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

Geometric

Overall length (in meter) : 105.00

Total No of Span : 1

Maximum Span (in meter) : 105.00

Span Arrangement : 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

Approach 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

Expansion 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

Treatment for Corrosion Protection (if any) : no special treatment provided

final

Name of JE/AAE :

