

ID :3666 badikot bridge bhikyasain _ _ _ _ _

on Chainage 36.000 of Gagas Udi Mahadevv Selapani Bhikiyasain Marchula 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 : 65

Chainage (at Mid Point) : 36.000

Road/ Segment Name : 727

Bridge Type : Motor Bridge High Level

Structure No : 36/1

Feature Intersected : ramganga river

Name of Bridge : badikot bridge bhikyasain

Nearest Town : bhikyasain

Latitude (Northing) : 29.70999800

Longitude (Easting) : 79.26122300

Construction Year : 2023

Inventory Year : 2025

Geometric

Overall length (in meter) : 84.00

Total No of Span : 1

Maximum Span (in meter) : 84.00

Span Arrangement : 1x84

No of Lane : 1.500

Overall Width (m) : 6.700

Carriageway Width (m) : 6.000

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 8.700

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level : 110.000

OFL Ordinary Flood Level : 104.000

LWL Low Water Level : 102.000

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 : 1.0

Design Loading : Class A
Load Rating : Class A
Super-Structure
Superstructure Type : Truss
Superstructure Material : Steel
Wearing Coat Type : Cement Concrete
Expansion Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Cast-in-situ concrete
Bearing type : POT PIN
Sub-Structure
Founding Strata : Rocky
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 : wing wall provided
Bank Protection Right Side of Up-stream : wing wall provided
Bank Protection Left Side of Down-stream : wing wall 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
Treatment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : Ram Singh Bhandari(AAE)

