

ID :883 Steel Truss Bridge Over Khatron River _ _ _ _ _

on Chainage 7.890 of Bikhyasain Deghat Bungidhar Mehalchori Bachuwaban Chokhutiya state highway

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) : 7.890

Road/ Segment Name : 28

Bridge Type : Motor Bridge High Level

Structure No : 7/36

Feature Intersected : Steel Truss Bridge Over Khatron River

Name of Bridge : Steel Truss Bridge Over Khatron River

Nearest Town : Syaldey

Latitude (Northing) : 29.77934700

Longitude (Easting) : 79.22393800

Construction Year : 1978

Inventory Year : 2021

Geometric

Overall length (in meter) : 36.58

Total No of Span : 1

Maximum Span (in meter) : 36.58

Span Arrangement : 1x36.58

No of Lane : 1.000

Overall Width (m) : 5.500

Carriageway Width (m) : 4.270

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 7.000

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 B
Load Rating : Class B
Super-Structure
Superstructure Type : Truss
Superstructure Material : Steel
Wearing Coat Type : Cement Concrete
Expansion Joint Type : Other
Railing/Crash Barrier type : Steel rolled section
Bearing type : POT PIN
Sub-Structure
Founding Strata : Rocky
Abutment Foundation Type : Open
Pier Foundation Type : NA
No of Piers : 0
Abutment Type : Stone Masonry
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
Treatment for Corrosion Protection (if any) : no special treatment provided
final

Name of JE/AAE :

