

ID :2787

on Chainage 1.000 of Road from NH 87 in front of Jha college to Preet vihar colony at village Phajalpur Mahraula

In District Udham Singh Nagar Under PD Rudrapur Division

Bridge Inventory Report

Division: PD Rudrapur

Data not-yet finalized

General

Name of Division : 23

Revenue Block Name : 87

Chainage (at Mid Point) : 1.000

Road/ Segment Name : 5041

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : 02 no. Nala

Name of Bridge :

Nearest Town : Rudrapur

Latitude (Northing) : 28.96018300

Longitude (Easting) : 79.39111700

Construction Year : 2016

Inventory Year : 2020

Geometric

Overall length (in meter) : 12.00

Total No of Span : 1

Maximum Span (in meter) : 12.00

Span Arrangement : 1*12

No of Lane : 1.000

Overall Width (m) : 6.000

Carriageway Width (m) : 3.750

RS Footpath Width (m) : 1.000

LS Footpath Width (m) : 1.000

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 : T-beam and slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : Cast-in-situ concrete

Bearing type : Elastomeric

Sub-Structure

Founding Strata : Soft clayey

Abutment Foundation Type : Raft

Pier Foundation Type : other

No of Piers : 0

Abutment Type : RCC buttressed type

Pier Type : other

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 : Er. Yogesh Tatrari

