ID :821 Kalyani Bridge __ __ __ __ __

on Chainage 0.350 of Maseet-Bareillynagar-Sakainiya Road

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) : 0.350
Road/ Segment Name : 4722
Bridge Type : Motor Bridge High Level
Structure No : 1/1/1
Feature Intersected : Kalyani River
Name of Bridge : Kalyani Bridge
Nearest Town : Rudrapur
Latitude (Northing) : 28.97650000
Longitude (Easting) : 79.40526000
Construction Year : 2016
Inventory Year : 2021
Work Code(s) : --
Geometric
Overall length (in meter) : 6.90
Total No of Span : 1
Maximuam Span (in meter) : 6.90
Span Arragment : 1*18
No of Lane : 2.000
Overall Width (m) : 10.500
Carriageway Width (m) : 7.500
RS Footpath Width (m) : 1.500
LS Footpath Width (m) : 1.500
Approch Width i/c Shoulders (m) : 15.000
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 AA
Load Rating : Class AA
Super-Structure
Superstructure Type : T-beam and slab
Superstructure Material : Pre-stressed concrete
Wearing Coat Type : Bituminous Concrete
Expension Joint Type : Other
Railing/Crash Barrier type : Tubular steel
Bearing type : other
Sub-Structure
Founding Strata : Hard clayey
Abutment Foundation Type : Raft
Pier Foundation Type : NA
No of Piers : 0
Abutment Type : RCC buttressed type
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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE :