ID :555 Kalyani __ __ __ __ __

on Chainage 1.700 of Lalkuan Kichha marg par se Shantipuri ko jodne wala sampark marg

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) : 1.700
Road/ Segment Name : 4820
Bridge Type : Motor Bridge High Level
Structure No : 2/1
Feature Intersected : Kalyani river
Name of Bridge : Kalyani
Nearest Town : Shantipuri
Latitude (Northing) : 28.99611111
Longitude (Easting) : 79.52777800
Construction Year : 1975
Inventory Year : 2021
Work Code(s) : --
Geometric
Overall length (in meter) : 43.00
Total No of Span : 4
Maximuam Span (in meter) : 10.75
Span Arragment : 1*5
No of Lane : 1.000
Overall Width (m) : 6.000
Carriageway Width (m) : 6.000
RS Footpath Width (m) : 0.500
LS Footpath Width (m) : 0.500
Approch Width i/c Shoulders (m) : 3.750
Gradient (%age) : 0
Skew Angle (degree) : 0.00
Radius of Curve in Plan (if Any) : 0.00
Design Data
HFL Highest Flood Level : 2000.000
OFL Ordinary Flood Level : 200.000
LWL Low Water Level : 100.000
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 B
Load Rating : Class B
Super-Structure
Superstructure Type : T-beam and slab
Superstructure Material : Reinforced concrete
Wearing Coat Type : Cement Concrete
Expension Joint Type : Filler
Railing/Crash Barrier type : Cast-in-situ concrete
Bearing type : Roller & Rocker
Sub-Structure
Founding Strata : Hard clayey
Abutment Foundation Type : Well
Pier Foundation Type : Well
No of Piers : 5
Abutment Type : RCC buttressed type
Pier Type : RCC Solid
Protection Work
Bank Protection Left Side of Up-stream : Stone Pitching
Bank Protection Right Side of Up-stream : Stone Pitching
Bank Protection Left Side of Down-stream : Stone Pitching
Bank Protection Right Side of Down-stream : Stone Pitching
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 : Er. Kishor Kumar

