

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

Geometric

Overall length (in meter) : 43.00

Total No of Span : 4

Maximum Span (in meter) : 10.75

Span Arrangement : 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

Approach 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
Expansion 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
Treatment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : Er. Kishor Kumar

