

ID :1728 Baraur bridge _ _ _ _ _

on Chainage 2.800 of Azadnagar Sunera Baraura Lalpur 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) : 2.800

Road/ Segment Name : 4700

Bridge Type : Motor Bridge High Level

Structure No : 3/1

Feature Intersected : Baraur

Name of Bridge : Baraur bridge

Nearest Town : Lalpur

Latitude (Northing) : 28.90900000

Longitude (Easting) : 79.47100000

Construction Year : 1982

Inventory Year : 2021

Geometric

Overall length (in meter) : 37.20

Total No of Span : 4

Maximum Span (in meter) : 9.00

Span Arrangement : 4*9

No of Lane : 2.000

Overall Width (m) : 7.000

Carriageway Width (m) : 7.000

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 : 200.000

OFL Ordinary Flood Level : 195.000

LWL Low Water Level : 190.000

Design Velocity (m/Sec) : 0.00

Design Discharge (Cumecs) : 0.00

Soffit Level at Centre : 0.000

Road Level at Centre : 0.000

Design Scour Level at Pier : 0.000

Design Scour Level at Abutments : 0.000

Exposure Condition : Moderate

Seismic Importance factor : 0.0

Design Loading : NA

Load Rating : NA

Super-Structure

Superstructure Type : Solid slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Not Provided

Expansion Joint Type : Other

Railing/Crash Barrier type : other

Bearing type : Not Provided

Sub-Structure

Founding Strata : Sandy

Abutment Foundation Type : Open

Pier Foundation Type : Well

No of Piers : 3

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. Yogesh Tatrari

