

ID :485 Rajpura farm _ _ _ _ _

on Chainage 3.400 of Gadarpur Milakkhanam 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 : 86

Chainage (at Mid Point) : 3.400

Road/ Segment Name : 4729

Bridge Type : Motor Bridge High Level

Structure No : 4/1

Feature Intersected : Nala

Name of Bridge : Rajpura farm

Nearest Town : Gadarpur

Latitude (Northing) : 29.03968300

Longitude (Easting) : 79.20055700

Construction Year : 1970

Inventory Year : 2021

Geometric

Overall length (in meter) : 8.20

Total No of Span : 1

Maximum Span (in meter) : 8.20

Span Arrangement : 1*8.2

No of Lane : 1.500

Overall Width (m) : 10.000

Carriageway Width (m) : 5.500

RS Footpath Width (m) : 1.500

LS Footpath Width (m) : 1.500

Approach Width i/c Shoulders (m) : 10.000

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 : 0.0

Design Loading : Class B

Load Rating : Class B

Super-Structure

Superstructure Type : T-beam and slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Bituminous Concrete

Expansion Joint Type : Not Provided

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

Bearing type : Not Provided

Sub-Structure

Founding Strata : Soft clayey

Abutment Foundation Type : Open

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 : Boulder Pitching

Bank Protection Right Side of Up-stream : Boulder Pitching

Bank Protection Left Side of Down-stream : Boulder Pitching

Bank Protection Right Side of Down-stream : Boulder Pitching

Floor Protection on Up-stream : stone Pitching

Floor Protection on Down-stream : stone Pitching

Treatment for Corrosion Protection (if any) : no special treatment provided

final

Name of JE/AAE : Er. Ravi Dani

