

ID :827 Hume Pipe \_ \_ \_ \_ \_

on Chainage 2.700 of Surajpur-Keshawgarh Road

In District Udham Singh Nagar Under PD Rudrapur Division

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## Bridge Inventory Report

Division: PD Rudrapur

Data not-yet finalized

### General

Name of Division : 23

Revenue Block Name : 86

Chainage (at Mid Point) : 2.700

Road/ Segment Name : 4728

Bridge Type : Motor Bridge High Level

Structure No : 3/1

Feature Intersected : Nala

Name of Bridge : Hume Pipe

Nearest Town : Gadarpur

Latitude (Northing) : 29.03934500

Longitude (Easting) : 79.25093000

Construction Year :

Inventory Year : 2021

### Geometric

Overall length (in meter) : 9.60

Total No of Span : 1

Maximum Span (in meter) : 8.00

Span Arrangement : 1\*8

No of Lane : 1.000

Overall Width (m) : 4.550

Carriageway Width (m) : 4.550

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 6.000

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 B

Load Rating : Class B

Super-Structure

Superstructure Type : Solid slab

Superstructure Material : Masonry

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : Not Provided

Bearing type : Not Provided

Sub-Structure

Founding Strata : Hard clayey

Abutment Foundation Type : other

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : Brick Masonry

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

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

final

Name of JE/AAE : Er. Ravi Dani

