

ID :333 Dhela \_ \_ \_ \_ \_

on Chainage 0.650 of Dhela bridge to Manpur Firojpur stadium via Nagnath temple road

In District Udham Singh Nagar Under CD Kashipur Division

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## Bridge Inventory Report

Division: CD Kashipur

Data not-yet finalized

### General

Name of Division : 25

Revenue Block Name : 83

Chainage (at Mid Point) : 0.650

Road/ Segment Name : 4531

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : Dhela river

Name of Bridge : Dhela

Nearest Town : Kashipur

Latitude (Northing) : 29.22027700

Longitude (Easting) : 78.94472200

Construction Year : 2011

Inventory Year : 2020

### Geometric

Overall length (in meter) : 180.00

Total No of Span : 6

Maximum Span (in meter) : 30.00

Span Arrangement : 6\*30

No of Lane : 2.000

Overall Width (m) : 11.500

Carriageway Width (m) : 7.500

RS Footpath Width (m) : 1.000

LS Footpath Width (m) : 1.000

Approach Width i/c Shoulders (m) : 9.500

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

### Design Data

HFL Highest Flood Level : 219.700

OFL Ordinary Flood Level :

LWL Low Water Level : 215.800

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 AA

Load Rating : Class A

Super-Structure

Superstructure Type : T-beam and slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Tubular steel

Bearing type : Elastomeric

Sub-Structure

Founding Strata : Sandy

Abutment Foundation Type : Well

Pier Foundation Type : Well

No of Piers : 5

Abutment Type : Stone Masonry

Pier Type : RCC Solid

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 : Chetan Bhatt

