ID :399 Dhela Bridge __ __ __ __ __

on Chainage 14.100 of Kashipur main motor road

In District Udham Singh Nagar Under CD Kashipur Division

Bridge Inventory Report

Division: CD Kashipur

Data not-yet finalized

General
Name of Division : 25
Revenue Block Name : 83
Chainage (at Mid Point) : 14.100
Road/ Segment Name : 209
Bridge Type : Motor Bridge High Level
Structure No : 1/1
Feature Intersected : Dhela
Name of Bridge : Dhela Bridge
Nearest Town : Kashipur
Latitude (Northing) : 29.30027700
Longitude (Easting) : 78.96861100
Construction Year : 1986
Inventory Year : 2020
Work Code(s) : --
Geometric
Overall length (in meter) : 149.22
Total No of Span : 5
Maximuam Span (in meter) : 30.05
Span Arragment : 3x30.05m + 2x29.536m
No of Lane : 2.000
Overall Width (m) : 8.100
Carriageway Width (m) : 7.500
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 8.100
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 A
Load Rating : Class A
Super-Structure
Superstructure Type : T-beam and slab
Superstructure Material : Pre-stressed concrete
Wearing Coat Type : Cement Concrete
Expension Joint Type : Not Provided
Railing/Crash Barrier type : Steel rolled section
Bearing type : Roller & Rocker
Sub-Structure
Founding Strata : Sandy
Abutment Foundation Type : Well
Pier Foundation Type : Well
No of Piers : 1
Abutment Type : other
Pier Type : other
Protection Work
Bank Protection Left Side of Up-stream : Gabian Three row provided
Bank Protection Right Side of Up-stream : Gabian Three row provided
Bank Protection Left Side of Down-stream : Gabian Single row provided
Bank Protection Right Side of Down-stream : Gabian Single row provided
Floor Protection on Up-stream : no protection work provided
Floor Protection on Down-stream : no protection work provided
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : Nafees Ahmad