

ID :1464 DUGADDA BRIDGE _ _ _ _ _

on Chainage 39.730 of Starting from its junction with NH-58 near Meerut in the state of Uttar Pradesh and connecting Bijnor Najibabad Kotdwara Pauri and terminating at junction with NH -58 near Srinagar National Highway

In District Pauri Under NH Dhumakot Division

Bridge Inventory Report

Division: NH Dhumakot

Data not-yet finalized

General

Name of Division : 63

Revenue Block Name : 43

Chainage (at Mid Point) : 39.730

Road/ Segment Name : 10

Bridge Type : Motor Bridge High Level

Structure No : 40/11

Feature Intersected : KHO RIVER

Name of Bridge : DUGADDA BRIDGE

Nearest Town : DUGADDA

Latitude (Northing) : 29.80554200

Longitude (Easting) : 78.60919500

Construction Year : 2012

Inventory Year : 2021

Geometric

Overall length (in meter) : 25.00

Total No of Span : 1

Maximum Span (in meter) : 25.00

Span Arrangement : 1X25

No of Lane : 1.000

Overall Width (m) : 7.500

Carriageway Width (m) : 7.500

RS Footpath Width (m) : 1.600

LS Footpath Width (m) : 1.600

Approach Width i/c Shoulders (m) : 3.000

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 : Extreme

Seismic Importance factor : 1.0

Design Loading : Class AA

Load Rating : Class AA

Super-Structure

Superstructure Type : Solid slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Bituminous Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

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

Bearing type : Roller & Rocker

Sub-Structure

Founding Strata : Bouldery

Abutment Foundation Type : Raft

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : RCC spill through type

Pier Type : NA

Protection Work

Bank Protection Left Side of Up-stream : CC BLOCK AND RR STONE MASONARY

Bank Protection Right Side of Up-stream : CC BLOCK AND RR STONE MASONARY

Bank Protection Left Side of Down-stream : CC BLOCK AND RR STONE MASONARY

Bank Protection Right Side of Down-stream : CC BLOCK AND RR STONE MASONARY

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 : Arvind Joshi

