

ID :1475 BAIRGAON _ _ _ _ _

on Chainage 64.580 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 : 42

Chainage (at Mid Point) : 64.580

Road/ Segment Name : 10

Bridge Type : Motor Bridge High Level

Structure No : 65/18

Feature Intersected : LOCAL GADERA

Name of Bridge : BAIRGAON

Nearest Town : GUMKHAL

Latitude (Northing) : 29.91636500

Longitude (Easting) : 78.66788600

Construction Year : 2020

Inventory Year : 2021

Geometric

Overall length (in meter) : 14.20

Total No of Span : 1

Maximum Span (in meter) : 14.20

Span Arrangement : 1X14.200

No of Lane : 2.000

Overall Width (m) : 13.500

Carriageway Width (m) : 13.500

RS Footpath Width (m) : 1.500

LS Footpath Width (m) : 1.500

Approach Width i/c Shoulders (m) : 3.500

Gradient (%age) : 3

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level : 1388.695

OFL Ordinary Flood Level :

LWL Low Water Level :

Design Velocity (m/Sec) : 7.02

Design Discharge (Cumecs) : 37.40

Soffit Level at Centre : 1390.313

Road Level at Centre : 1391.875

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 : Mastic asphalt
Expansion Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Cast-in-situ concrete
Bearing type : POT PIN
Sub-Structure
Founding Strata : Hard clayey
Abutment Foundation Type : Raft
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 : RCC RETURN WALL
Bank Protection Right Side of Up-stream : RCC RETURN WALL
Bank Protection Left Side of Down-stream : RCC RETURN WALL
Bank Protection Right Side of Down-stream : RCC RETURN WALL
Floor Protection on Up-stream : REINFORCED CONCRETE
Floor Protection on Down-stream : REINFORCED CONCRETE
Treatment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : Ashish Saini

