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 Div Dhumakot Division

Bridge Inventory Report

Division: NH Div 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
Work Code(s) : --
Geometric
Overall length (in meter) : 14.20
Total No of Span : 1
Maximuam Span (in meter) : 14.20
Span Arragment : 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
Approch 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
Expension 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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : Ashish Saini

