ID :2688 Ballupur Flyover __ __ __ __ __

on Chainage 149.000 of Ambala Paunta Shahib Dehradun Rishikesh (Haridwar) national highway

In District Dehradun Under NH Div Doiwala Division

Bridge Inventory Report

Division: NH Div Doiwala

Data not-yet finalized

General
Name of Division : 132
Revenue Block Name : 32
Chainage (at Mid Point) : 149.000
Road/ Segment Name : 2
Bridge Type : Fly Over
Structure No : 1/149
Feature Intersected : Ballupur Chowk
Name of Bridge : Ballupur Flyover
Nearest Town : DEHRADUN
Latitude (Northing) : 30.33330500
Longitude (Easting) : 78.01070500
Construction Year : 2016
Inventory Year : 2022
Work Code(s) : --
Geometric
Overall length (in meter) : 312.54
Total No of Span : 10
Maximuam Span (in meter) : 34.20
Span Arragment : 2x28.780m + 4x35.000m + 4x28.745m
No of Lane : 2.000
Overall Width (m) : 8.400
Carriageway Width (m) : 7.500
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 24.000
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 : 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 : Bituminous Concrete
Expension Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Cast-in-situ concrete
Bearing type : Elastomeric
Sub-Structure
Founding Strata : Soft clayey
Abutment Foundation Type : Pile
Pier Foundation Type : Pile
No of Piers : 9
Abutment Type : RCC spill through type
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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE :