ID :1655  ISBT Flyover  __ __ __ __ __

on Chainage 40.150 of Chutmalpur Dehradun national highway

In District Dehradun Under NH Div Dehradun Division

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Bridge Inventory Report

Division: NH Div Dehradun

Data not-yet finalized

General
Name of Division : 60
Revenue Block Name : 31
Chainage (at Mid Point) : 40.150
Road/ Segment Name : 3
Bridge Type : Fly Over
Structure No : 14 (12 Pier + 2 Abutment)
Feature Intersected : ISBT junction
Name of Bridge : ISBT Flyover
Nearest Town : Dehradun
Latitude (Northing) : 30.17191200
Longitude (Easting) : 77.59482000
Construction Year : 2016
Inventory Year : 2021
Work Code(s) : --
Geometric
Overall length (in meter) : 409.40
Total No of Span : 13
Maximuam Span (in meter) : 32.20
Span Arragment : 11x32.2+1x28.2+1x27
No of Lane : 2.000
Overall Width (m) : 15.600
Carriageway Width (m) : 14.000
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 14.000
Gradient (%age) : 3
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 : Reinforced concrete
Wearing Coat Type : Bituminous Concrete
Expension Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Pre-cast concrete
Bearing type : Roller & Rocker
Sub-Structure
Founding Strata : Hard clayey
Abutment Foundation Type : Pile
Pier Foundation Type : Pile
No of Piers : 13
Abutment Type : RCC buttressed 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 :

