

ID :2465 Dugadda bridge _ _ _ _ _

on Chainage 308.000 of Tuyuni Chakrata Mussoorie Chamba New Tehri Maletha national highway

In District Tehri Under NH Srinagar Division

Bridge Inventory Report

Division: NH Srinagar

Data not-yet finalized

General

Name of Division : 130

Revenue Block Name : 22

Chainage (at Mid Point) : 308.000

Road/ Segment Name : 19

Bridge Type : Motor Bridge High Level

Structure No : 707/23

Feature Intersected : Chandrabhaga gadhera

Name of Bridge : Dugadda bridge

Nearest Town : dangchaura

Latitude (Northing) : 30.25166900

Longitude (Easting) : 78.71924700

Construction Year : 1981

Inventory Year : 2022

Geometric

Overall length (in meter) : 15.00

Total No of Span : 1

Maximum Span (in meter) : 15.00

Span Arrangement : 1*15.00

No of Lane : 2.000

Overall Width (m) : 7.450

Carriageway Width (m) : 5.850

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 7.450

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 : NA
Load Rating : Class A
Super-Structure
Superstructure Type : T-beam and slab
Superstructure Material : Reinforced concrete
Wearing Coat Type : Cement Concrete
Expansion Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Tubular steel
Bearing type : Elastomeric
Sub-Structure
Founding Strata : Rocky
Abutment Foundation Type : Open
Pier Foundation Type : Well
No of Piers : 0
Abutment Type : Stone Masonry
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
Treatment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : Deepak Gusain

