ID :857 Grastanganj Bridge __ __ __ __ __

on Chainage 1.000 of Grastanganj to Fire Station.

In District Pauri Under CD Dugadda Division

Bridge Inventory Report

Division: CD Dugadda

Data not-yet finalized

General
Name of Division : 71
Revenue Block Name : 43
Chainage (at Mid Point) : 1.000
Road/ Segment Name : 3185
Bridge Type : Motor Bridge High Level
Structure No : 1/1
Feature Intersected : KHO RIVER
Name of Bridge : Grastanganj Bridge
Nearest Town : KOTDWAR
Latitude (Northing) : 29.75055600
Longitude (Easting) : 78.52888900
Construction Year : 2019
Inventory Year : 2021
Work Code(s) : --
Geometric
Overall length (in meter) : 90.00
Total No of Span : 3
Maximuam Span (in meter) : 90.00
Span Arragment : 3X30
No of Lane : 2.000
Overall Width (m) : 8.000
Carriageway Width (m) : 7.500
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 7.500
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 : Severe

Seismic Importance factor : 1.5
Design Loading : Class A
Load Rating : Class A
Super-Structure
Superstructure Type : Box girder
Superstructure Material : Pre-stressed concrete
Wearing Coat Type : Cement Concrete
Expension Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Cast-in-situ concrete
Bearing type : POT PIN
Sub-Structure
Founding Strata : Sandy
Abutment Foundation Type : Open
Pier Foundation Type : Open
No of Piers : 2
Abutment Type : RCC counterfort 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 : SANTOSH BHARDWAJ AAE

