

**MMCPL** is one of oldest and largest infrastructure consultants in the state of Gujarat, India, transitioning to a BIM-based PMC approach.

**CLIENT** – Ahmedabad Urban Development Authority (AUDA)

**CONTRACTOR** – Ranjit Buildcon Ltd.

**LOCATION** – Ahmedabad, Gujarat, India

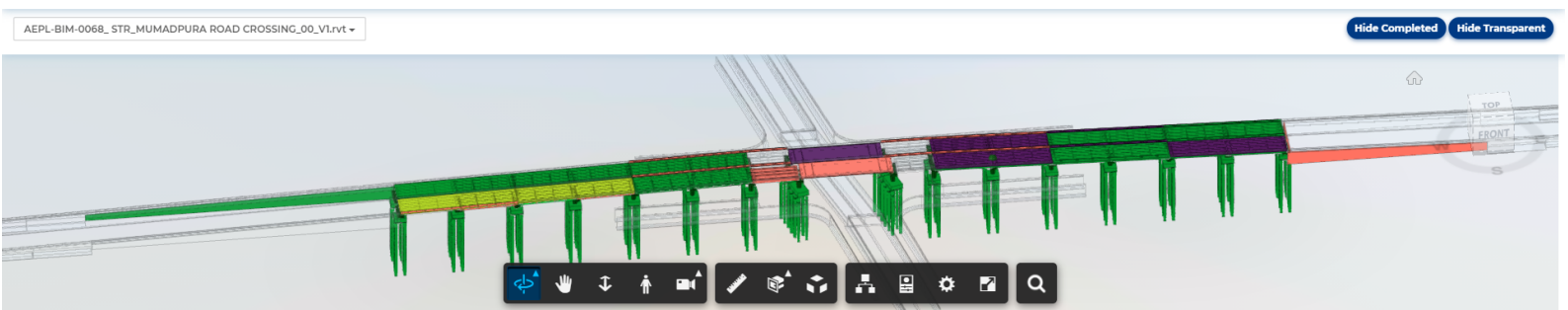
**PROJECT TYPE** – Flyover/Bridge - Infrastructure

**USE** – BIM integrated Construction Management

# VISILEAN FOR BIM INTEGRATED CONSTRUCTION MANAGEMENT

Live 4D Visualisation from real-time Site Updates





Execution W 15 Weekly W 16 Lookahead W 17-19 Phase W 12-23 22/03/2021 - 13/06/2021 One-line Task Bars Hide Rows

Grouping:	March			April					May			June
User	Week 12	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21	Week 22	Week 23
Apurva Parikh	PS2-PS3 - Deck Slab - G Side PB3-PB2 - Cross Girders - G Side PB5-PB5 - K Side	PB3-PB2 - G Side - 4 nos	PS2-PS3 - Cross Girders - K Side	Crash Barrier PS3-PS4 G Side	PS2-PS3 - Cross G...	PB6-PB5 - Cross Girders - K Side Crash Barrier PS2-PS3 G Side	PB7-PB6 - Deck Slab - K Side PS2-PS3 - Deck Slab - K Side	Retaining Wall RW2 - Bopal - G Side	Retaining Wall RW2 Bopal G Side	Crash Barrier PB3-PB2 G Side		
Kandarp Parikh	PB5-PB4 - K Side - 4 nos PS4-PB5 - Cross G... PB3-PB2 - Deck Sl...		PS3-PS4 - Deck Slab - K Side			PB7-PB6 - Cross Girders - K Side PSC Girder Casting (24.6 Mtr) PB2-PB1 G Side		Box Girder G Side PB1-PS1 Web PSC Girder Casting (24.6 Mtr) PB2-PB1 G Side	Crash Barrier PB2-PB1 G Side			PB5-PB4 - Deck Sl... Retaining Wall RW... Crash Barrier PB4...

THE BENEFITS



LEAN-BIM INTEGRATED LIVE 4D

- Any update from site is visualised directly on the model – Live 4D of Site Progress Status

LIVE REVIEW OF PLANNED vs ACTUAL

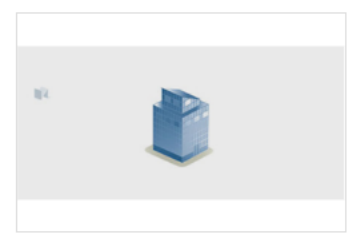
- Teams can review their planning against the actual site status directly on the BIM Model
- The supervisors update their work status directly from the site using the VisiLean App

AUTO-GENERATED PROGRESS REPORTS

- Auto-generated DPRs with accurate data captured seamlessly from site has reduced a significant number of wasteful man-hours.
- With the convenience of mobility, the team can report on Constraints directly from the App

MUMADPURA FLYOVER

DAILY PROGRESS REPORT



<b>DPR NUMBER</b> 1620031827392	<b>PREPARED BY</b> Paramjit Lota	<b>DESCRIPTION</b> Pilot for Multimedia
<b>PROJECT LOCATION</b> Ahmedabad, India	<b>ORGANISATION</b> VisiLean	
<b>PROJECT TIME ZONE</b> Asia/Calcutta	<b>TIME &amp; LOCATION</b> 2:22 PM   Ahmedabad, India	
<b>60% PROJECT PROGRESS</b>		

<b>1</b> All Tasks In Progress	<b>1</b> Tasks Completed	<b>0</b> Tasks Quality Approved	<b>0</b> Tasks Marked For Rework	<b>0</b> Tasks Stopped	<b>0</b> Alerts Raised	<b>100%</b> Day's PPC
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