According to the Dodge Data Smart Market Report, the nation's roads, bridges, dams, and other infrastructure are falling apart at a rate of $4.5 trillion, with the public-private sector partnership leading the way towards an infrastructure system fit for the 21st century.

### A CURE FOR IN THE USA

#### TECHNOLOGY + INNOVATION

**DELIVERY PROJECTS**

- Authoritative models
- Better predictability
- Lower project risk

**PROCEDURE IMPROVEMENTS**

- Easier project tracking
- Improved project process
- Lower program risk

<table>
<thead>
<tr>
<th>DELIVERY PROJECTS UNDER BIM</th>
<th>BIM USE</th>
<th>IMPROVEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Visibility of project progress</td>
<td>88%</td>
<td>Improved</td>
</tr>
<tr>
<td>Better communication with stakeholders</td>
<td>80%</td>
<td>Improved</td>
</tr>
<tr>
<td>Greater accountability</td>
<td>60%</td>
<td>Improved</td>
</tr>
</tbody>
</table>

**BUDGETARY**

- Cost savings of 10% on at least one-third of projects
- Cost efficiency of 10% on at least one-third of projects
- Improved budgetary and schedule concerns

**SCHEDULE**

- Delivery projects on schedule
- Deliver projects under budget
- Complete projects in half time

#### THE BUSINESS VALUE OF BIM FOR INFRASTRUCTURE

- Delivers projects on schedule
- Delivers projects under budget
- Completes projects in half time

According to the ASCE Report Card, if implemented, BIM could improve team collaboration, stakeholder communication, and improve project outcomes by 60%. BIM technology and innovation are essential to achieving an infrastructure system fit for the 21st century.