

# **Victory Road: Pothole Reporting App (Safety in Transportation & Industry)**

## Problem Statement

Need for a Convenient and Simple approach for Citizens and NGOs to report and trace Potholes to ensure Accident-free and Safe roads.

## Evidence to justify that this is a need

In the light of lukewarm response from locals to filing complaints about potholes, S.M. Bukke, secretary, DLSA Nashik, has pleaded with people to come out and voice their grievances about potholes and the poor condition of roads.

Therefore, there is a need for a convenient and simple approach for citizens to report potholes without having to visit any offices, send emails, or call the public Response CenterHelpline.

### Why report Potholes?

#### 1. Rise in the number of Road-accidents

According to data from the Ministry of Road Transport and Highways (MoRTH), there were a total of 5,626 fatalities from road accidents from 2018 to 2020 due to potholes.

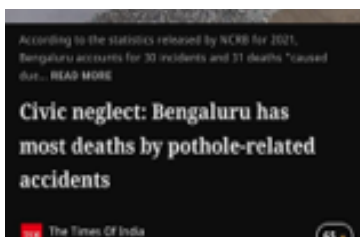
#### 2. Longer commuting time and affect mental health

Worsens commuters' levels of stress, sleep disruptions, exhaustion, and attention issues, especially for drivers.

#### 3. Drop in Economy

On a larger scale, road accidents cause the Indian economy to lose close to 3% of its GDP annually, or Rs.55,000 crore. If the bad road infrastructure is not fixed soon, it might drop anywhere from 7 to 22% over the next 24 years.

#### 4. Increased Fuel Consumption



#### Mumbai: BMC to publish phone numbers of its local ward engineers and MMRDA officers for pothole complaints

According to BMC, all the roads do not fall in their jurisdiction. Western express highway, eastern express highway falls under MMRDA jurisdiction and filling up potholes during monsoon on these highways is the responsibility of MMRDA too.

Kalpesh Mhamunkar | Updated: Wednesday, June 15, 2022, 10:53 PM IST



At least 40 potholes dot the 500-metre stretch from NICE junction to Kengeri Metro station on Mysuru Road

#BengaluruPotholes



2,855 views

11:32 AM · 09 Jun 22 · TweetDeck



Youth killed in Bengaluru pothole accident, 5th death in 7 months



timesofindia.indiatimes.com  
Youth Killed In B'luru Pothole Accident, 5th Death In 7 Mths | Bengaluru News - Times ...

7:10 AM · 15 Mar 22 · cmssocialservice

24 Retweets 5 Quote Tweets 58 Likes



Bangalore Mirror reporter suffers fractures, bruises due to poorly patched pothole on Ali Asker Cross Road. Locals reveal, similar accidents have occurred here before.



bangaloremirror.indiatimes.com  
The beaten path

10:00 AM · 03 Nov 21 · TweetDeck

Retweets 2 Quote Tweets 30 Likes



4 people have died in road accidents in 10 days due to potholes, Bangalore must wake up | [goo.gl/QE4fdi](https://goo.gl/QE4fdi)



Bengaluru: Girl falls off scooter, run over by truck; rider blames pothole for losing balance

TNN | Updated: Oct 9, 2021, 07:03 IST



Nimo Tai  
@Cryptic\_Miind

In Bangalore, Potholes are landmarked on Google and have reviews 🤔🤔



9:21 AM · 20 Sep 22 · Twitter for Android

2,325 Retweets 260 Quote Tweets

12.7K Likes

Lodge complaints about potholes, bad condition of roads: DLSA



## What is our solution and how is it different /unique from other solutions in market?

Current solutions require citizens to report potholes by visiting offices, sending emails, or call the public Response Center Helpline and NGOs waste valuable time searching for potholes with vague information provided by citizens via email or address.

Therefore, there is a need for a convenient and simple approach for citizens to report potholes without having to visit any offices, send emails, or call the public Response Center Helpline.

Our App “Victory Road” performs that precise action. When a citizen comes across a pothole, all they need to do is submit a picture of it and give access to their current location, and the partnering NGOs will be notified of it. This creates a sense of responsibility among the public, who would otherwise not feel like they had any.

The App includes an easy Pothole Tracking feature that uses latitude and longitude to allow NGOs to accurately trace and repair potholes rather than wasting valuable time searching for potholes with vague information provided by citizens via email or address.

### Elevator pitch video


<https://drive.google.com/file/d/1aGZoIW05Mz9LFSmH5waNQ-5ZJcD6UTzI/view?usp=sharing>

## How does our innovation create 360° value?

### 1. CLIENT

We create value to our clients—NGOs and Public by delivering their goals and creating meaningful experiences.

NGO: to accurately trace a pothole.



Public: to report a pothole in a simple and hassle-free approach and also take their feedbacks.

## 2. TALENT

provides opportunities to volunteer, new leadership and improved collaboration. It is no longer enough to be the best in the world; it is now necessary to be the best for the world! A desire for meaningful work, as well as a strong motivation to deliver on the promise of Technology and human ingenuity.

## 3. INCLUSION AND DIVERSITY

Leverages in public-private partnerships and engage citizens, employees, and the LGBT community to assist in our endeavor of making pothole-free roads. This instils a sense of responsibility and nation-building.

## 4. EXPERIENCE

A Convenient, simple and user-friendly App for Citizens and NGOs to report and trace Potholes accurately to ensure Accident-free and Safe roads.

## 5. SUSTAINABILITY

A people-driven transformation approach to enable people and organizations to thrive in a sustainable manner while also reducing fuel consumption caused by traffic due to potholes.

## 6. FINANCIAL

Roads are fixed immediately which provides financial solution by preventing drop in Indian economy due to road accidents.