Potholes and Their Effects on Wages

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Abstract
In Cleveland, potholes have become a major issue facing people when driving on roads. They can cause hazardous road conditions, which can not only damage cars, but also severely harm people in those cars. However, even with these problems, many potholes are not repaired as efficiently as they could be. There is already many ways potholes can be dealt with, but not every pothole can be filled at once. This study will examine the cost of repairing a typical pothole. By examining how much a worker makes, how much the material costs, and find out the trends on how potholes form, we can determine the most effective way of maintaining roads. Since there are many ways of repairing potholes, we can also see which method is the most efficient at preventing potholes in the future, while still driving down cost.

OBJECTIVES
- Find the most cost efficient way to to reduce the plague of potholes in areas with climate similar to Ohio.
- Find what type of asphalt is viable depending on the season

METHODS
- Use reports made about potholes from government websites and articles
- Look for a correlation between size of potholes and the cost to fix the pothole
- Found charts for the reports made about the pothole and the cost estimates to fix these potholes

CONCLUSIONS
According to the trends we found, we can say that potholes are becoming a major problem in Cleveland as well as other parts of the U.S. The charts and graphs we found appear to show that the issues of potholes are much larger than most people would think. However, by analyzing all of the important factors, we can come up with a more efficient method at tackling potholes in the most effective way possible.

FUTURE WORK
we can use this data collected to see first-hand where the major problems are and prioritize those. It is our job as engineers to determine which methods are the most effective, while also being the best value.

References
http://www.speedace.info/Motor_Shows/Potholes_Britain_UK_Roads_Are_Dangerous.htm