COMPLETE STREET IMPLEMENTATION IN TUCSON, AZ

Introduction

Characterized by its dependence on the Automobile, the city of Tucson, like many cities across the United States, favors those who drive. While driving is certainly a key component of the American lifestyle, Tucson must modify the incorporation of the automobile into the community through a much more equitable manner. With numerous problems arising from Tucson’s urban sprawl, the city’s existing streets and roadways lack elements that would vastly strengthen the surrounding community.

Thesis

The incorporation of complete streets in Tucson, AZ will positively influence many components of society. Driver, pedestrian and cyclist safety will improve in addition to the populations physical health levels. Environmental impacts will be reduced and an increase in roadway aesthetics can be expected. Residents will also be more inclined to utilize public transport and public space.

% of Commuters Who Bike in Tucson

<table>
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<tr>
<th>KEY OUTCOMES</th>
<th>Average Platinum</th>
<th>Tucson-East Pima County</th>
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<tbody>
<tr>
<td>RIDERSHIP</td>
<td>12%</td>
<td>3%</td>
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Richard Hall’s Functional Classification Road System

Roads need to adapt to locations they are in. Rural roads can be wider than roads in urban settings.

The Verdict

While the implementation of complete streets seems like an effective yet daunting project, they can successfully be incorporated into any community. With issues such as funding concerning many, its important to highlight that many existing budgets can be manipulated to adapt. Many projects can also be completed in iterations over a longer period of time. In order to reduce its environmental footprint and increase social equity, Tucson would benefit greatly from the addition of complete streets.

Adding Complete Streets Can Improve:

+ Safety
+ Physical Health
+ Environmental Impacts
+ Social Equity / Accessibility
+ Roadway Aesthetics