

- **Thesis Title:** Design and planning of Tajrish Metro Station & the Square through the expansion of underground spaces with a transit oriented development (T.O.D.)
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- **Project Location:** Tajrish.sq,Tehran,Iran

- **Abstract:**

Due to the increase in population, traffic congestion, increase in air pollution, noise pollution and lack of green and recreational spaces, cities have become unfriendly environments, and the expansion of urban boundaries and as a result encroachment on the outskirts of the city not only does not solve the problem, but also it delays and makes it more acute. For cities, the need to expand infrastructure and increasing instability has been only part of the concerns associated with the beginning of the 21st century. This question is still raised, how to solve the problem and still be able to manage the progress of the overall quality and ensure the existence of a healthy urban environment? Shortly, in most countries of the world, urban development will be planned based on minimum traffic and maximum service. Therefore, cities are built and designed based on transportation-oriented development (TOD), which can solve many problems of big cities, such as environmental pollution, high energy consumption, and traffic. In this study, the development of urban transportation and the introduction of (TOD) and its types have been discussed. Then the strengths, weaknesses, opportunities and threats are stated based on the SWOT method for the scope of the study to develop TOD.







