

# Application of Public Art Design in Wuhan City Railway Line 2

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## Abstract

With the evolution of the digital age, the pace of urbanization process is updated more rapidly. Urban rail transit has become the first choice for residents of large and medium-sized cities to commute, and Wuhan, as a city with a long history of regional cultural characteristics, is particularly prominent in the elements considered in the construction of rail transit art. This paper focuses on the public art design of Wuhan's first subway line, Line 2, Phase I. To be more specific, it examines the artwork decoration of art walls, art atriums and art pavilions, analyzes how to better integrate with urban construction, and bases the design of public art work decoration on the specific reality of the subway in order to promote the city's brand image.

## Keywords

Digitalization; Wuhan; Urban Rail Transit; Public Art Design.

## 1. Significance of Public Art Design in Wuhan City Rail Transit Line 2

Public Art is one of the creators of urban beauty. It is a scientific, artistic and systematic project, which consists of many factors, specifically including space, visual and morphological factors, as well as color, material and craftsmanship, etc. It outlines the life of the modern city and therefore triggers urban emotion and urban charm, while promoting love for the city and the city's own taste and value. The most attractive thing about a city is the soft values derived from it. As a large city with a resident population of over 1000 million, Wuhan, with its advanced urban spirit of "daring to be the first and pursuing excellence", focuses on the use of public art elements in its subway design to showcase the city's good image in this way. In conclusion, Wuhan City Railway Line 2 focuses on public art design, which is self-explanatory in terms of significance.

## 2. Public Art Elements in Wuhan City Rail Transit Line 2

The subtle public art design area set up inside the subway is a full manifestation of municipal construction and humanistic care, which helps beautify the internal environment of the subway, enhance the comfort and fashionable art sense of the subway, give people the enjoyment of beauty, care for the public, and realize the communication between heart and mind.

Based on the different historical and cultural backgrounds of the stations of Wuhan City Rail Transit Line 2, the ideological connotations that they want to express are also different, and the functional needs are not the same, therefore, when designing public art for the subway, the artistic techniques and materials adopted are also different, and the artworks created on this basis are very distinctive. [1]

### 2.1. Art Wall

By analysis the construction completion of Wuhan City Rail Transit Line 2 Phase 1, we found that there are more stations use art wall as interior decoration, including Hankou Railway

station and Zhongshan Park station, as well as Jiangnan Road and Baotong Temples station, in addition to stations such as Hongshan Square and Guanggu Square.

The design of Zhongshan Park station focused on the theme of "Happy Wuhan", highlighting the imagination of Children and focusing on the healthy growth of young children. The beautiful imagination of young children for the future of Wuhan was collected and hung on the wrought copper baking lacquer "happiness tree" after certain processing, while the cartoon pattern created was chosen to be a glass mosaic as the background to reflect the beautiful symbolism of deep roots and strong leaves.

This site on Jiangnan Road is designed with a "Fashionable City of Rivers" mural, with "fashion" as its artistic design theme. In the design of the artwork, Hanbai jade was chosen as the raw material, and the development of Wuhan city was presented with the help of holographic projection technology. In "Fashionable City of Rivers", the entire graphic language is very rich, showing the history of the city while also recording its present-day appearance.

The design theme of the Baotong Temple station is "serenity to distant", the background is a traditional landscape painting created by the master artist according to the original design theme with Baotong Temple as the background, and fired into a porcelain plate painting by traditional hand craft, white copper forged Bodhi tree embellished on the surface of the porcelain plate landscape painting, the virtual reality reflects the far-reaching mood.

The public art theme of this site in Hongshan Square is richer and contains two parts, one is the mural "Ancient Charm of Chu" and the other is the mural "There is a Road on the book", both of which take the form of wrought copper carving and lacquer to show the unique cultural of Wuhan, namely Chu culture. In the mural "Ancient Charm of Chu", the cultural heritage of Chu is displayed through the distillation of Chu cultural symbols. The "Shu Shan You Lu" mural is different in terms of expression, after the completion of the collection of children's painting, directly engraved on the traditional porcelain plate and formed a unique porcelain plate painting. After children see these unique artworks, it can activate the child's spatial imagination, which is extremely beneficial to cultivate children's imaginative spatial ability.

The theme of this site in Guanggu Plaza is science and technology, and in this "aluminum plate engraving" mural, modern science and technology civilization is integrated to stimulate the passion for innovation and innovative vitality. In the future, somatosensory technology is the developed trend, compared with multi-touch, somatosensory technology is very obvious in terms of advantages, as reflected in the more humane embodiment of this interaction, and the future development trend of technology is more line with, is considered the most representative interaction technology.

## 2.2. Artistic Atrium

The design of the Hankou Railway station in the art atrium focuses on the theme of "The return of the yellow crane". In the specific performance of the purely handmade way to create four cranes art sculpture, in the virtual background of the sky against the backdrop of its graceful posture to show the ground on the semi-abstract lotus. The artistic design of the lotus leaf is to render the natural environment with the help of lighting, which gives a very shocking artistic influence. In the design of the ground in the center hall, in addition to the design of lotus, while using glass mosaic wall materials to imitate the creation of the lake, the effect of the shimmering lake to show, around the seamless tempered glass selected once around the bending molding to design the corresponding pattern. The entire center hall area mainly creates the image of the rich fish and rice country of Hubei.

## 2.3. Artistic Wind Pavilion

The design of the art pavilion of Wuhan Railway Line 2 focuses on the theme of urban landscape and is specifically innovative in this regard. Specific design aspects, in addition to reflecting the

regional culture of these elements, but also focus on the integration of the spirit of the city, the bionic approach to design, vividly show the characteristics of Wuhan city and regional culture. It should be noted that the first phase of the line, Jiedaokou station, is located in Wuchang District. The design of the exit and entrance use wind pavilion, and the inspiration is from the trees to reflect the concept of ecological protection. The shape is designed by silhouetting the tree to create the skin of the pavilion, then outlining the tree shape through the composition, and then interspersing the tree branches to make the whole picture colorful. The main shape of the tree is made of silver magnesium-aluminum alloy, while the secondary shape is made of gold-gray aluminum grille as the corresponding background, which can create a beautiful picture under the effect of lighting at night, and can reflect a good sense of atmosphere while ensuring that the ventilation rate meets the functional and technical requirements of 80%. The name of the pavilion in Jiyuqiao Station is "Carp Jumping", which is a reminiscence of history and fully reflects the rich history and culture of the place. The design of the pavilion is based on the traditional Chinese folk art of paper-cutting, which has a very good effect on the whole artistic effect. When the audience is placed in it, it is as if they are in the Chinese folk art exhibition hall for viewing. [2]

### 3. Conclusion

As the public's demand for material culture and spiritual civilization is becoming more and more significant, they need not only a convenient and high-speed public transportation environment, but also a comfortable and beautiful environment. In carrying out the public art design of Wuhan City Rail Transit Line 2, the main emphasis is to integrate art into daily life, remove the mystery of art, and make art accessible to the general public. Furthermore, in this way, it can serve as an aesthetic education for the general public, promoting the improvement of environmental tastes while helping people to raise their aesthetic awareness, and at the same time cultivating a sense of love and pride for the region in which they live.

### References

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