APPLICATION TO
THE CITY OF PITTSBURGH
ART COMMISSION -
SWIFTMILE CHARGING STATION

October 7, 2020
ART COMMISSION APPLICATION FORM

Project Information

Type of Project: Final Review (Standard)

Has this project been come before Art Commission before? Yes

Duration of project: From 11/01/2020 to 11/01/2022

Permanent? No

Project Location

Address: To be determined, we are applying as a standard.
Cross Streets or other relevant information: N/A Neighborhood: N/A

Applicant:
Name: Tosh Chambers, Policy Analyst
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City: Pittsburgh State: PA Zip: 15219
Phone: 412-255-2410 Email: tosh.chambers@pittsburghpa.gov

Co-Applicant:
Name: Ted Sweeney, Senior Special Projects Manager
Mailing Address: 450 Mission St Suite 401
City: San Francisco State: CA Zip: 94105
Phone: 503-737-4419 Email: ted@spin.pm
Move 412 is a new public-facing organization formed to provide Pittsburghers with affordable, easy to use, new (and fun!) options to get everywhere they need and want to go.

The result of a robust public-private partnership known as the Pittsburgh Mobility Collective (PMC), Move 412 is leveraging private investment to build a more robust transportation system for all Pittsburghers today and tomorrow. By adding new services to existing options, Move 412’s offerings are designed to connect everyone to jobs, goods, and services in ways that maximize access while minimizing cost, congestion, and carbon emissions.

The partners of the Pittsburgh Mobility Collective provide a suite of transportation technologies, services, and infrastructure tailored to meet the needs of Pittsburgh residents, workers, and visitors -- and make it easy and appealing to make sustainable transportation choices.

These services will be co-located at on-street hubs known as "Mobility Hubs" around Pittsburgh, making transfers between modes a pleasant and intuitive experience. Mobility Hub locations are selected to provide additional access to the transportation network as well as independent access to a range of nearby destinations. All new and existing services will be integrated into and conveniently accessible in a single mobile app, making it easier than ever to choose the best transportation option.
City leaders have a longstanding commitment to make Pittsburgh a great place to live, work, and visit. Pittsburgh’s Department of Mobility and Infrastructure (DOMI) envisions and works towards a city in which all residents have access to safe, affordable, and reliable forms of transportation, without having to own a car. While Pittsburgh’s transit system provides an excellent foundation for mobility for all, there are still many gaps that prevent Pittsburgh residents from consistent daily usage.

Recognizing the connection between economic mobility and access to transportation options, DOMI initiated a competitive process to assemble a supergroup of mobility providers to supplement Pittsburgh’s existing transit system. Arising out of that competition is the Pittsburgh Mobility Collective — a new public-private partnership with the goal of making it easy and cost-effective for all Pittsburghers to choose the best mobility option for a variety of trips. The services from the partners of the Pittsburgh Mobility Collective are offered under the new organization, Move 412.

From shared electric scooters and bicycles, expanded carshare, new carpool and shared ride services, mobile payment for transit, and simple ways to plan trips from A to B, Move 412’s services make it easy, affordable, and attractive for everyone to get where they need to go.
Move 412 is making these new options conveniently available for everyone at up to 50 on-street hubs known as “Mobility Hubs” throughout the city. Employing rigorous data analysis, Move 412 will ensure that new resources are distributed equitably, and that the initiative is guided by and helps implement the City’s Mobility Principles.

Move 412’s "Mobility Hubs" will be a physical manifestation of the digital integration taking place behind the scenes. At the physical Mobility Hubs, riders will be able to connect between 2 or more options and will receive discounts when using more than one service from Move 412.

In addition to improving transportation access for all Pittsburghers today and tomorrow, DOMI is committed to meeting Pittsburgh’s transportation-related climate change goals. The City of Pittsburgh is striving for a 50% reduction in transportation-related carbon emissions by 2030 and Move 412’s services are designed to make it easy, affordable, and appealing for everyone to make sustainable transportation choices.

The City of Pittsburgh is taking a unique approach to solving a problem that affects everyone. This application to install the Swiftmile charging stations in the Right of Way is a step in the right direction to making a city where everyone thrives — today, tomorrow, and for decades to come.
We are still in the process of determining the most optimal locations for the Swiftmile charging stations. We have included a rendering of the design of the Swiftmile station that is proposed for Pittsburgh. Additionally, we are including a diagram of the paint-striping standard for any Swiftmile stations located in the street.

Move 412 plans to install 50 Swiftmile charging stations around the city of Pittsburgh to make this new mobility program available for everyone. For the purpose of making this approval process as streamlined as possible, and we are applying for these stations to be a standard.

We will not have a design competition for the charging stations but will be branded with the colors of Move 412 and Pittsburgh -- black and gold.
Move 412
218 Oakland Avenue,
Pittsburgh, PA 15213

412.218.0704
www.move412.com
hello@move412.com
On-street Swiftmile Charging
Station Striping Standard

White line width: 4"

Swiftmile Station Footprint

flexpost

1.5" from the curb

Street (parking lane)

Curb

Sidewalk
Locating Guidelines

General guidelines:
- PMC Mobility Hubs cannot interfere with any accommodations for people with disabilities, vaults, fire hydrants, or access to utilities.
- PMC Mobility Hubs may only be installed in areas of non-residential zoning.
- The digital screen component must be able to be easily viewed by people with mobility impairment.
- Elements of the PMC Mobility Hub that require power draw must be as close to the post or pole providing power as possible.

On-street guidelines:
- PMC Mobility Hubs are permissible in legal parking areas, and cannot be installed in loading zones or accessible parking.
- PMC Mobility Hub elements located in “No Parking” zones may be approved by the Municipal Traffic Engineer on a case-by-case basis if it in no way compromises safe street operations.
- PMC Mobility Hubs must be 48 inches from adjacent parking spaces and 12 inches from adjacent bicycle lanes or auto traffic lanes.
- PMC Mobility Hubs must be at least 24 inches from the outside edge of the driveway.
- PMC Mobility Hubs may only be installed in the parking lane on streets with a speed limit of 25 miles per hour or less.

Sidewalk guidelines:
- A sidewalk must be at least 11 feet wide to install a PMC Mobility Hub.
- For PMC Mobility Hubs installed on public sidewalks, a 6 feet (minimum) clear pedestrian path of travel must be maintained in commercial areas or a 5 foot minimum in non-commercial areas once the PMC Mobility Hub is installed.
- PMC Mobility Hubs on the sidewalk curb-side must allow an additional 2 feet from the curb for the door zone in parking zones.
Budget

The full cost of materials, artist fees, maintenance, installation for the Swiftmile charging station will be paid by Skinny Labs (aka "Spin"). We do not have final budget numbers at this time as the costs vary based on site of the installation.
June 30, 2020

Public Art and Civic Design Division
City of Pittsburgh Department of City Planning
200 Ross Street
Pittsburgh, PA 15219

RE: Swiftmile Charging Stations

Dear Public Art Commission Committee:

As the Director of the Department of Mobility and Infrastructure, I am writing in support of the Swiftmile charging stations as I intend to permit their installation in the public right-of-way.

The placement of the charging stations must adhere to terms & conditions specifically outlined in a ROW occupancy permit. Once installed, these stations will bring innumerable benefits to residents who depend on low-cost shared transportation, such as transit and micromobility.

I wholly support considering the implementation of the Swiftmile charging stations.

Sincerely,

Karina Ricks
Director, Department of Mobility and Infrastructure
July 1, 2020

Public Art and Civic Design Division
Department of City Planning
200 Ross Street
Pittsburgh, PA 15219

Re: Swiftmile Charging Stations

Dear Commissioners,

I am writing to express our strong support for the Swiftmile charging stations as part of a broader community serving mobility mission developed by Move412.

The Swiftmile charging stations are part of an expansive ecosystem of mobility options that will improve the lives of all Pittsburghers. By providing easy, affordable, and accessible charging and parking options, Swiftmile charging stations will add tremendous value to the transportation network of Pittsburgh and the city's Innovation District in Oakland. In particular, these amenities will connect neighborhoods throughout the city to job opportunities and essential services.

We fully support Move412's application and appreciate your consideration of the Swiftmile stations as an essential tool for improving mobility in Pittsburgh. Please do not hesitate to let me know if I can further clarify our position.

Regards,

Sean C. Luther,
Executive Director
July 1, 2020

Public Art and Civic Design Division
City of Pittsburgh Department of City Planning
200 Ross Street
Pittsburgh, PA 15219

RE: Swiftmile Charging Stations

Dear Public Art Commission Committee:

As the Executive Director of Pittsburgh Bike Share, I am writing in support of the Swiftmile charging stations.

Cities across the US have struggled to manage deployments of public scooters due to the free-floating, or “dockless,” operating model that allows users to park the scooters at any location at the end of their trip. The DOMI pilot to install Swiftmile charging stations is a critical piece of expanding the transportation network that will encourage users to use orderly, convenient changing stations to return their scooters. Swiftmile charging stations will allow city residents and visitors to easily use, charge, and park new electric mobility options in an aesthetically pleasing way.

I support considering the implementation of Swiftmile charging stations.

Sincerely,

David White
Executive Director
Pittsburgh Bike Share