

To: Nashville Department of Transportation, Tactical Urbanism Program

From: Vanderbilt Engineering Community Project Group and Shelby Hills Neighborhood Association

Date: January 29, 2026

Subject: Submission of Shelby Hills and Kirkpatrick Center Tactical Urbanism Improvements

The Vanderbilt Engineering Community Project Group, in partnership with the Shelby Hills Neighborhood Association, presents a tactical urbanism plan for the intersection of South 9th Street, Heights Drive, Sevier Street, and South 10th Street in front of the Kirkpatrick Community Center, as well as along Sevier Street adjacent to KIPP Kirkpatrick Elementary School. This location was selected due to its community significance and heavy use by vulnerable users, particularly children. The site has also been identified by NDOT as a highly vulnerable area and connects to a pedestrian high-injury corridor on Shelby Avenue.

All proposed improvements are designed within NDOT's right-of-way and include more frequent, clearly marked crosswalks; curb extensions to reduce vehicle turning speeds on and off South 10th Street; and parking restrictions to improve visibility near KIPP Kirkpatrick Elementary School.

The applicant groups have coordinated with key stakeholders, including residents, the district council member, religious organizations, and local landmark groups, throughout the application process. The applicants collaborated with stakeholders to identify priorities and provide feedback on multiple design iterations.

To evaluate project impacts, the applicants are working with NDOT to deploy a LiDAR trailer before and during implementation to collect quantitative data, alongside distributing surveys to gather qualitative feedback. The team is also coordinating with Vanderbilt's Office of General Counsel to obtain necessary insurance, pending additional guidance from NDOT.

Funding has been pursued through Vanderbilt University's Immersion Fund and the Civil Engineering Stammer Fund, totaling \$14,812 with \$7,000 approved to date. Items such as common signage and other already in inventory will be asked from NDOT with the possibility of funds for traffic control.

Attached materials include the permit application, plan sheet, estimated material costs, overall budget, implementation and removal itineraries, maintenance and removal plans, and a community support letter with signatures from residents and local organizations.

Please let us know if there is anything else we can provide for you and we look forward to your response.

Best,

Eden Villanueva  
Vanderbilt Engineering Community Project  
Group Lead  
ivana.villanueva@vanderbilt.edu

Sadie Cooper  
Shelby Hills Neighborhood Association President  
smcooper23@gmail.com

---

# Shelby Hills and Kirkpatrick Center Tactical Urbanism Improvements

---

Project Proposal

January 29, 2026

Vanderbilt Engineering Community Project Group and Shelby Hills Neighborhood Association

# Tactical Urbanism Permit Application

Apply for Tactical Urbanism Program Funding?

☒ Yes

☐ No

Project Name: Shelby Hills Transportation Project

## Project Description:

The project at the intersection of S 9th Street, S 10th Street, and Sevier Street focuses on reducing vehicle turning speeds into and out of S 10th Street while improving safety and visibility through delineators, crosswalks, and a street mural. With heavy pedestrian use from the nearby elementary school and community center, shorter and clearly marked crosswalks at the intersection near the community center are a key need to reduce crossing distances and improve pedestrian safety. Improved visibility is also needed at the mid-block crossing in front of KIPP Elementary, including measures to discourage vehicles from parking too close to the existing crosswalk to encourage use of alternate mobility methods.

Project Location/  
Address:

Shelby Hills Community - 668 S 9th St, Nashville, TN 37206

Nearby Landmarks:

Kirkpatrick Community Center and KIPP Elementary

Square Footage  
of Project Area:

9,800

Desired Start Date:

3/1/26

Desired End Date:

3/28/26

Project Duration:  
(select one)

☐ Pop Up (1 Day or Less)

☐ Short-Term (Up to 2 Weeks)

☒ Long Term (Up to 1 Year)

Project Type:  
(select all  
that apply)

☒ Traffic Calming

☐ Parking Zone

☐ Sidewalk Zone

☐ Right-of-Way Closure

☐ Active Transportation

## Required

### Attachments:

Depending on the project,  
additional documentation or  
permits may be required.  
NDOT will work with  
applicants to obtain other  
needed permits

☒ Design/Concept Plan

☒ Letters of support

☐ Neighborhood Notification

☒ Sponsor Commitment  
Letter(s)

☐ Proof of Insurance

Sponsor Organization Group:

Vanderbilt Engineering / Shelby Hills Neighborhood Association

Contact Name:

Eden Villanueva / Sadie Cooper

E-Mail:

ivana.villanueva@vanderbilt.edu / smcooper23@gmail.com

Phone:

(619)600-7901

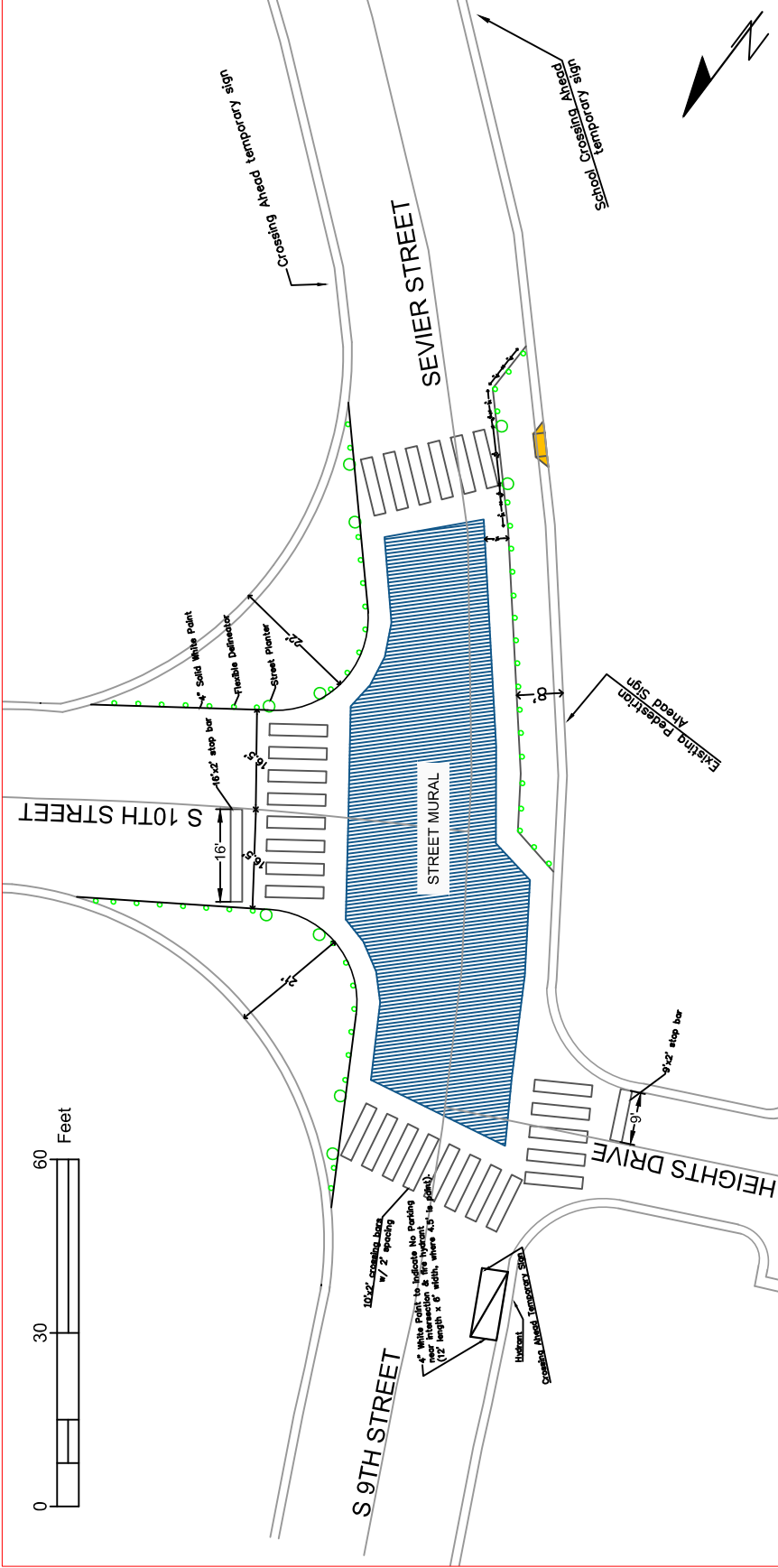


# SHELBY HILLS AND KIRKPATRICK CENTER TACTICAL URBANISM IMPROVEMENTS

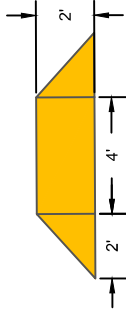
PAVEMENT  
MARKING  
DETAILS

PAGE NUMBER  
**1/1**

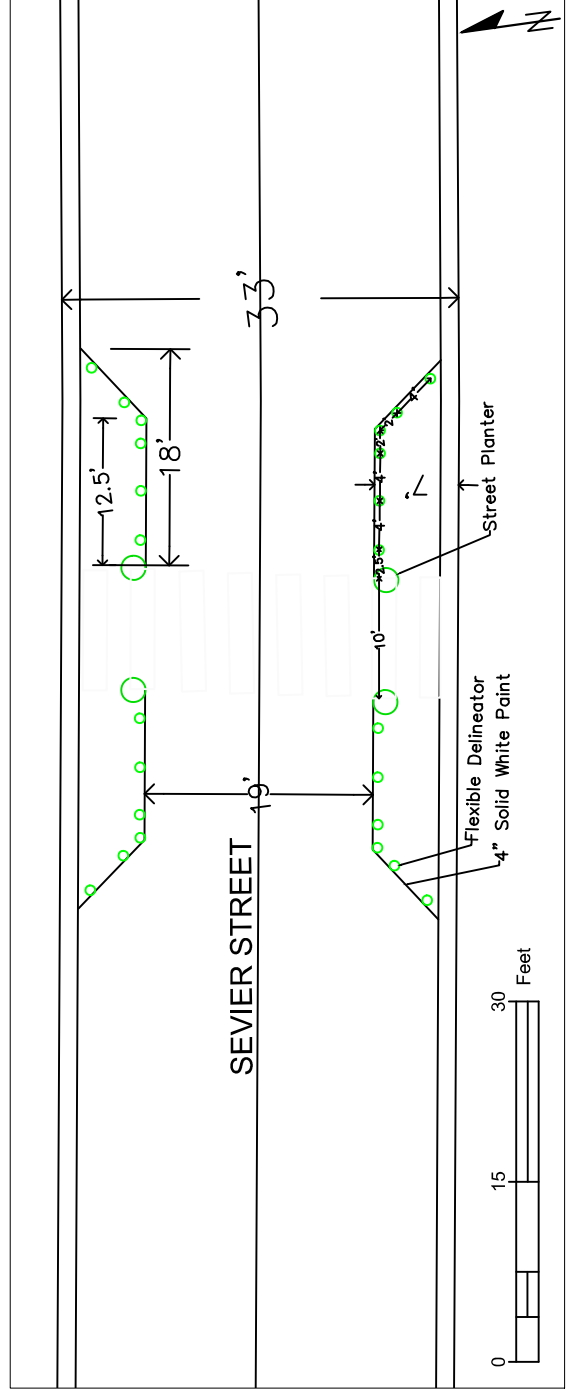
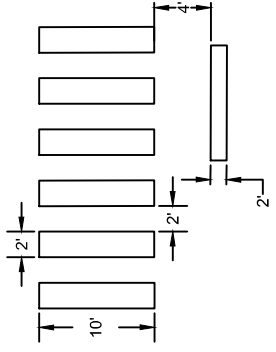
BENJAMIN S.  
NEVAEH M.  
CLAIRE H.  
IVANA V.



TEMPORARY CURB RAMP DETAIL



CROSSWALK MARKING DETAIL  
(TYP.)



Shelby Hills and Kirkpatrick Center Tactical Urbanism Improvements  
Implementation and Removal Itineraries

**Implementation**

*7:30 AM – Early morning set up*

- Group members arrive on site
  - o Organize materials
    - Painting materials should be placed out of the way until they're ready for use
    - Delineators, crosswalk templates, etc.
    - Trash bags, brooms, and other cleaning supplies placed on a table for easy access
  - o Set up sign in area and PPE station for volunteers
  - o Set up food / snack station
- Coordinate with traffic control
  - o Arrival at 8 am
  - o Brief them on how traffic control will run
  - o Block off roadway access

*9:00 AM– Volunteers Arrive, Cleanup Begins*

- Volunteers start by going to the sign in area for liability release forms and for PPE
- City ROW will be cleared for painting
  - o Road should be swept of debris and trash picked up

*10:00 AM – Construction Setup*

- Measure out key dimensions, mark up paint lines, note flex post locations

*11:00 AM – Break for Lunch / Changing Volunteers*

*12:00 PM – Training for Delineator Installation*

- Installation Instructions:
  - o 1. Sweep pavement surface
  - o 2. Peel off paper on one side of butyl adhesive pad and apply to pavement
  - o 3. Peel paper from remaining side of adhesive pad and place base of delineator on top
  - o 4. Apply pressure for 1 minute
  - o 5. Install delineator post into base

*12:30 PM – Begin Installing Delineators*

- Start at main intersection and move toward school area

*2:30 PM – Mural Priming, Additional Volunteer Training*

- Apply white base layer (this will need time to dry, ~1.5 hours)
- While base layer is drying, volunteers will be instructed on how to apply stencils for mural

*4:00 PM – Mural Painting*

- Provided stencils will be set out for volunteers to use

*6:00 PM – Wrap Up and Debrief*

- Wrap up and debrief with volunteers to thank them for their work
  - o Take a photo with volunteers!
- Disburse leftover snacks if available
- Clean up remaining materials

*Other Notes:*

- Materials Needed:
  - o 1. Masks for Painting
  - o 2. Gloves
  - o 3. High-Visibility Vests
  - o 4. Snacks and Food
  - o 5. Hammers
  - o 6. Socket Wrenches
- Member Roles During Installation
  - o Liaison and Logistics
  - o Training
  - o Monitoring / Photographing
- Approximate number of volunteers needed
  - o For KIPP installation to run at the same time: 15+
  - o For KIPP installation to run afterward: 10+

## **Removal**

### *10:00 am – Set Up*

- Group members should arrive on site
  - o Set up sign in area and PPE station for any volunteers
  - o Set up food / snack station
  - o Begin coordination with traffic control

### *11:00 am – Volunteers Arrive, Basic Cleanup Begins*

- Volunteers should start by going to the sign in area for liability release forms and for PPE
  - o Pick up trash and debris from ROW

### *11:30 am – Remove Delineators*

- Delineators should be organized into which ones can be returned for reuse and those that could be repurposed

### *12:00 pm – Break for lunch / changing volunteers*

### *12:30 pm – Remove Paint*

- Use power washer to remove paint, one of the team members should do this

### *1:30 pm – Complete Removal*

- Materials that can be reused should be returned to NDOT at this time, other materials could be taken to a recycling facility
- Return power washer

## Shelby Hills and Kirkpatrick Center Tactical Urbanism Improvements

### Maintenance Plan

Project Sponsor: Vanderbilt Engineering Community Project Team and Shelby Hills  
Neighborhood Association

The project sponsor will be the primary party responsible for maintaining the Shelby Hills and Kirkpatrick Center Tactical Urbanism Improvements project, to be located at: 668 S 9th Street, in front of the Kirkpatrick Community Center, within the City of Nashville, TN. The sponsor agrees to uphold all maintenance duties for the full duration previously approved by the City and to ensure that all elements of the installation remain consistent with the approved design.

The project sponsor will be responsible for maintaining the project within Nashville's right-of-way in functional condition. This includes but is not limited to removing debris, litter, or obstructions; monitoring for wear, damage, or weather-related deterioration; and ensuring that no part of the installation impedes public use of the right-of-way.

Regular bi-weekly inspections of the project site will be conducted by the project sponsor. The sponsor will identify any maintenance needs, safety concerns, or repairs needed and address them between inspections to keep the project in functional condition.

A community liaison will be appointed to provide additional oversight and monitor the project area for any maintenance needs. The liaison will monitor and inspect the project site on a routine basis and notify the project sponsor of any required maintenance, safety issues, or concerns to be addressed. It is the responsibility of the project sponsor to maintain frequent communication with the project's liaison.

The City is within all rights of requesting elements of the project to be modified, repaired, or removed. The project sponsor will comply and carry out the required actions within a reasonable time frame following the request.



Shelby Hills and Kirkpatrick Center Tactical Urbanism Improvements  
Removal Plan  
Project Sponsor: Vanderbilt Engineering Community Project Team and Shelby Hills  
Neighborhood Association

This removal plan applies if the temporary tactical urbanism installation is requested to be removed by the Nashville Department of Transportation (NDOT) or if the project sponsors determine that removal is appropriate based on post-installation evaluation (for example, if collected data does not support the effectiveness of the intervention). It is important to note that NDOT may also prefer that portions of the temporary installation remain in place while longer-term solutions are considered. This project is intended as a preliminary, low-cost intervention that can inform a future, more permanent design as part of the East Nashville Spokes network. As such, multiple removal outcomes are anticipated and planned for.

If removal is required, the project sponsors will designate a single, dedicated removal day, during which community volunteers and team members will work together to dismantle the installation in a coordinated manner. All removal activities will be conducted with appropriate traffic control measures, including cones, signage, and volunteer spotters, to ensure the safety of both participants and roadway users. In addition to removing the installed materials, volunteers will also conduct a thorough cleanup of the site, including picking up any debris within NDOT's right-of-way (ROW) to return the street to a clean and orderly condition.

The painted curb bulb-outs and street mural will be removed by pressure washing or surface abrasion as directed by NDOT. These bulb-outs use standard roadway paint applied by the project sponsors and do not involve an artist. Depending on NDOT's preference and the project outcome, there is a possible scenario in which the tactical traffic-calming elements are removed while the street mural remains in place. This option would allow the mural to continue contributing to placemaking and visibility even if the operational elements of the installation are discontinued.

The flexible delineator posts will be removed following standard procedures. Each post is mounted using a surface-mounted base secured with adhesive pads. Removal will involve detaching the flexible post from the base by extracting the horizontal metal locking rod (if applicable) and then lifting the base from the pavement surface. Any remaining adhesive residue will be removed, and the pavement surface will be inspected and cleaned in accordance with NDOT requirements to ensure roadway integrity and safety.

Materials removed from the site will be handled responsibly. Reusable and rented materials, including delineator posts, bases, traffic control devices, and any NDOT-provided equipment, will be returned to NDOT. Salvageable materials owned by the project sponsors will be stored for future tactical urbanism efforts, educational use, or returned to their owners. Any

materials that cannot be reused will be disposed of appropriately, with recyclable components taken to a local recycling facility where feasible and non-recyclable waste disposed of according to municipal guidelines.

Overall, this removal plan ensures that the project can be responsibly and safely reversed if necessary, while remaining flexible to different outcomes. It reinforces the temporary nature of the installation, prioritizes community involvement and safety, and aligns with NDOT's expectations for stewardship of public right-of-way infrastructure.

Subject: Community Support for Shelby Hills and Kirkpatrick Center Tactical Urbanism Improvements

Dear Sir/Madam,


We, the undersigned residents and stakeholders of the Shelby community express our support for the proposed tactical urbanism project at the intersection of S 9<sup>th</sup> St, S 10<sup>th</sup> St, and Sevier St. We believe this project will create long-term, positive change in the Shelby community. This project has the potential to benefit residents, students, and all road users.

The Shelby Hills Community has been working with the applicant during the development of the project. Based on our experience, knowledge of the project, and the application, the project team has demonstrated the necessary commitment to the development and sustainability of the proposed project.

We appreciate the engagement to date and encourage continued transparent communication, timely updates, and opportunities for public feedback during planning and implementation. We urge you to proceed with the project and allocate the necessary resources to implement it successfully. Your support for this proposal will push for improved safety for all road users as well as students in nearby schools, and more neighborhood pride and community feel.

Yours Sincerely,

**KIPP Kirkpatrick Elementary School**

Sydney McGhee	Director of Operations	
Name	Title	Signature
<hr/>		
smcghee@kippnashville.org		(615) 925-5272
Email		Phone

## Kirkpatrick Community Center

Tiffanie Fletcher

Special Program Coordinator



Name

Title

Signature

Tiffanie.fletcher@nashville.gov

(615) 638-0244

Email

Phone

### Additional Signers:

Name: Allison Sonnenberg Signature: Allison Sonnenberg

Address (Street/ZIP): 604 South 11th St Email/Phone: 6154150913

Name: Neil Woodward Signature: Neil Woodward

Address (Street/ZIP): 1113 Ozark St Email/Phone: woobag99@gmail.com

Name: Derek Gloudemans Signature: Derek Gloudemans

Address (Street/ZIP): \_\_\_\_\_ Email/Phone: (260) 637-2938

Name: Davison Thompson Signature: Davison Thompson

Address (Street/ZIP): \_\_\_\_\_ Email/Phone: (512) 983-7883

Name: \_\_\_\_\_ Signature: \_\_\_\_\_

Address (Street/ZIP): \_\_\_\_\_ Email/Phone: \_\_\_\_\_

Date: January 18, 2026