



Neighborhood Conservation Program FINAL DESIGN VIRTUAL PRESENTATION NOTES

PROJECT NAME: 9th St N and N Larrimore St – Street Improvement Project
DATE: May 28, 2020
PROJECT PAGE: <https://projects.arlingtonva.us/projects/north-larrimore-street/>

DOCUMENT PURPOSE: On May 28th, 2020 a virtual final design presentation was posted to the N Larrimore online County project page. The presentation walks residents through the final design and next steps for the proposed intersection improvement and rain garden project at N Larrimore St and 9 St N. The following notes provide the information presented online.

PRESENTERS:

County Staff:	Naudy Martinez, NC Planner
	Jill Yutan, NC Landscape Architect
	Gino Squarciafico, DES Engineering Supervisor
	Anne Guillette, OSEM Watershed Projects Manager

DESCRIPTION OF THE PROJECT:

This intersection improvement project proposes the construction of new 5' sidewalks with 4' grass utility strips, concrete curb and gutter, stormwater inlets, ADA ramps, curb bump-outs at all four corners of the intersection, crosswalks, and a rain garden (located at the northwest corner of 9th St N and N Larrimore St).

PRESENTATION NOTES (Key Points Only):

The presentation begins with an introduction of the project background and scope by Naudy Martinez, Neighborhood Conservation Planner. This project was submitted as a priority project by the Dominion Hills Civic Association in November of 2013 with the goal of changing the design of the intersection to improve pedestrian safety and as applicable, include additional beautification elements such as planting and improvements to existing conditions to the intersection of 9th St N and N Larrimore St. A General Interest Survey was conducted in November of 2015 and received the neighborhood support needed to move the project into the concept design stage. A concept design meeting was held in March of 2019, and the project was then qualified using a final petition. The project received 95% neighborhood approval on the final petition and was recommended for funding in June of 2019. The project was then approved for funding in November of 2019 by the County Board.

- Gino Squarciafico, Design and Engineering Supervisor, presented the design for the intersection improvement at 9th St N and N Larrimore St. The goal of the design is to improve pedestrian safety by reducing crossing distances where possible and placing pedestrians where they are most visible to motorists. The design helps to normalize the

intersection by pulling out the corners of the intersection (using curb extensions) and aligning it better while also reducing pedestrian crossing distances.

Keys to reading the concept plan:

- Red dashed lines represent the County Right of Way
- Yellow and blue rectangles represent cars shown in the general parking areas
- Blue lines represent the existing water main
- Black and white dashed lines with joining circles represent the proposed storm pipe and drainage structures
- Green circles are proposed trees
- Blue text with triangles are proposed construction notes
- The proposed construction note legend is located on the right of the plan

New 5' wide sidewalks, shown in gray and signifying concrete, are proposed at each curb extension. The sidewalks will run the length of the new curb line and transition to 4' in width to tie back into the existing sidewalk.

Eight (8) pedestrian ramps (two at each of the corner curb extensions) with truncated domes (detectable warning surfaces) are also proposed.

Two (2) thermoplastic cross walk ladders will be installed to cross N Larrimore St. and two (2) thermoplastic parallel crosswalks will be installed to cross 9th St N.

Lead walks and driveways (also shown in gray) will be tied into properties accordingly. Please refer to the construction notes to understand the impact to your property.

Seven (7) storm water inlets are proposed for installation. Five (5) along the curb extensions and (2) to the west of 9th St N. These are interconnected with the storm pipes (shown as a black and white dashed lines).

The project also proposes to mill and overlay the asphalt, which means the top layer of asphalt will be removed and replaced with a new layer. This is shown as a cross hatch pattern.

- Jill Yutan, Neighborhood Conservation Landscape Architect, presented information on landscaping, including the proposed locations of new street trees within the 4' utility grass strip and new grass areas. All the proposed trees are native and include:
 - Three (3) black gum trees located in the grass utility strip next to the sidewalk. These trees have a red fall color and their approximate installation size will be 10-12 ft tall.
 - One (1) Red Bud tree (shown as a pink circle) also located in the grass utility strip near the overhead utility line. This tree will have fuchsia flowers in mid spring and its approximate installation size will be 8-10 ft tall.
 - One (1) Shingle Oak tree located next to the curved driveway. This is a larger shade tree and the installation size will be 10-12 ft tall.

Additionally, new top soil will be installed for each new tree since the proposed tree locations were originally in a paved area. Trees would be installed in the next planting season once the hardscape construction is complete. The landscape contractor installing

the trees will be responsible for watering for two (2) years. After the two (2) year watering contract, the maintenance of the trees is turned over to the Parks Department.

- Anne Guillette, Watershed Projects Manager, Office of Sustainability and Environmental Management, presented information on:
 - Arlington County's regulatory requirements which mandate activities to protect water quality through the Virginia Department of Environmental Quality Stormwater Permit.
 - The 2014 update of the County Stormwater Master Plan, which identified over 1200 potential locations for rain gardens. The intersection of 9th St N and N Larrimore St was one of the locations identified.
 - An overview of how rain gardens function to reduce pollutants in stormwater runoff, and specifically how the N Larrimore St rain garden captures stormwater runoff and improves the quality of runoff that enters the Four-Mile Run watershed.

The extension of the curb on the NW corner of the intersection creates an opportunity to locate a rain garden in the area that was once asphalt. Once installed, storm water will run down the curb and gutter, enter a trench drain located underneath the sidewalk, and go into the garden. In the event of large rain, the pond will fill up and the water will flow into a riser to be drained into the storm water system.

Keys to reading the planting plan are:

- A circle with letter(s) and a number refers to the plant ID (the letters of the botanical name) on the plant list, and the number refers to the quantity of plants that will be installed in the rain garden.

The rain garden includes a variety of native trees, shrubs and perennials which were selected because of their ability to thrive in different water levels.

The County has a maintenance program for all rain gardens, which occurs once a month for 10 months (March-November). Maintenance includes but is not limited to trash removal, pruning, weeding, and erosion control.

Next Steps

The presentation concludes with a review and example of a Temporary Easement and Construction Agreement. A Temporary Easement and Construction Agreement allows the County contractor to access private yards to perform construction-related work, including the relocation of fences, replacement of disturbed sod, and making grade adjustments. Please note that the County agrees to restore the disturbed area on and adjacent to the Temporary Easement area as nearly as practicable to its original condition and that Temporary Easement and Construction Agreements become null and void upon completion of construction.

Properties where the County will need to access resident property will be sent easements. Residents are asked to return the easement by mail after signing and having them notarized by the notary of their choice. County real estate staff are available to discuss the execution of any required agreements. Please note, progress of the active project will depend on the time needed to obtain affected property owner signatures on all the easements and agreements for the project.

A question and comment period will be open from May 29, 2020 to June 14, 2020. After this period and once questions and comments are addressed, the designers will move the design from 90% to 100% completion and begin the contracting procurement and bid process.

Once a contractor is confirmed and approximately one week prior to the beginning of construction, staff will schedule a preconstruction meeting for the affected property owners. These are held on-site and on a weekday morning, typically at 8:30 am. The preconstruction meeting will include the County's Construction Management personnel and representatives from the construction contractor. If we are unable to conduct an in-person meeting, a pre-construction notice will be distributed to all homeowners. This notice will include detailed construction information, such as construction start times, anticipated end date, parking restriction information, and the construction manager's contact information.

Please note, before construction of the project can begin, the relocation of the gas utility line and selected meters will need to occur. The outreach and coordination with affected residents will be conducted by Washington Gas.

If you have any questions, please direct them to Naudy Martinez, Neighborhood Conservation Planner in the Neighborhood Conservation Program: (703) 228-7933, nmartinez@arlingtonva.us, or submit them through the comment form on our County project page.

Cc: All owners of properties within project limits
Brian Hannigan, President Dominion Hills Civic Association
Kristen Gilley, NC representative, Dominion Hills

Encl: (6) – Presentation Notes
Final Design Plan
Landscape Design Plan
Rain Garden Design Plan
Rain Garden Planting Plan
Rain Garden Plant list