

Cleveland Foundation Headquarters Project

Applicant: The Cleveland Foundation

Project Location: 6601 Euclid Avenue, Cleveland, Ohio 44103

Subwatershed: Lake Erie Direct Tributaries



Summary

- The Cleveland Foundation's new headquarters and community gathering space is located in Cleveland's Midtown neighborhood.
- A combination of green roof planters and 2 types of permeable paver systems will capture, treat, and infiltrate stormwater runoff from the headquarter's parking lot.
- The green infrastructure signage will provide educational opportunities for surrounding Midtown and Hough neighborhood residents and visitors to the community gathering space.

Project Details

Green Infrastructure (GI) Project Type: 2022 Design & Construction Project Award

GI Technology: Permeable Pavers

Drainage Area: 0.14 acres

GI Feature Area: 0.14 acres

Stormwater Capture: 117,306 gal/yr.

Total Project Cost: \$21,000,000

Grant Awarded: \$73,372

Coit Road Farmers Market Project

Applicant: East Cleveland Farmers Market Preservation Society Project

Location: 15000 Woodworth Road, East Cleveland, Ohio 44110

Subwatershed: Nine Mile Creek



Summary

- The Coit Road Farmers Market is a “Design Only” grant, with an objective to beautify the farmers market site, reduce nonpoint source pollution and reduce stormwater runoff by approximately 80%.
- The project proposes to capture stormwater runoff from the Market building roof and parking lot directing the runoff to bioretention features that will store and remove pollutants from the stormwater runoff.
- The educational components will include stormwater control measure informational signs, as well as classes and tours about green infrastructure. Furthermore, the neighborhood’s residents, students, customers, and vendors of the market will be encouraged to interact with the project.

Project Details

Green Infrastructure (GI) Project Type: 2022 Design-Only Project Award

GI Technology: Bioretention

Total Project Cost: \$25,000 (Design-only)

Grant Awarded: \$25,000

McGregor Independent Living – Phase 2 Project

Applicant: McGregor Independent Living L.P.

Project Location: Private Drive, East Cleveland, Ohio 44112

Subwatershed: Lake Erie Direct Tributaries



Summary

- The McGregor Independent Living (Phase 2) project, located ~~on Private Drive~~ in East Cleveland, consists of new permeable parking lots immediately surrounding a new 54-unit senior apartment building.
- The inclusion of permeable pavement parking bays will modify and reduce the proposed impervious asphalt parking lot. Permeable pavers treat and significantly reduce stormwater runoff.
- Additional benefits include maintaining groundwater table levels and enabling geothermal heat from the ground during winter months to reduce ice buildup on the paver surfaces, requiring less reliance on road salt for de-icing.

Project Details

Green Infrastructure (GI) Project Type: 2022 Design & Construction Project Award

GI Technology: Permeable Pavers

Drainage Area: 1.05 acres

GI Feature Area 0.54 acres

Stormwater Capture: 999,177 gal/yr.

Total Project Cost: \$12,000,000

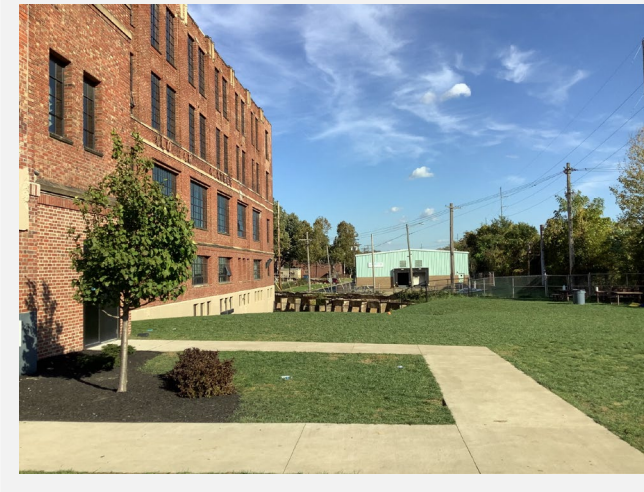
Grant Awarded: \$250,000

Menlo Park Academy Project

Applicant: Menlo Park Academy

Project Location: 2149 West 53rd Street, Cleveland, Ohio 44102

Subwatershed: Walworth Run



Summary

- This “Design Only” grant project is located on the Menlo Park Academy campus, which is a public, tuition-free school serving 640 students from the greater Cleveland area. The school wishes to continue the renovation of the property by creating pride in the physical landscape of the campus and to improve environmental stewardship.
- The school desires to create a “Nature Lab” focused on stormwater treatment and education. The conceptual plan includes a gathering space with integrated bioretention swales and cisterns designed to collect stormwater runoff from the school’s rooftop, which would serve as a water source for the future planting areas/gardens.
- The school’s educational curriculum will provide opportunities for K-8 students to measure and track water with rain gauges; to participate in hands-on-learning in the earth sciences, biology and impacts to Lake Erie, as well as creative ways to divert stormwater from combined sewers.

Project Details

Green Infrastructure (GI) Project Type: 2022 Design-Only Project Award

GI Technology: Bioretention and Cisterns

Total Project Cost: \$39,200 (Design-only)

Grant Awarded: \$25,000



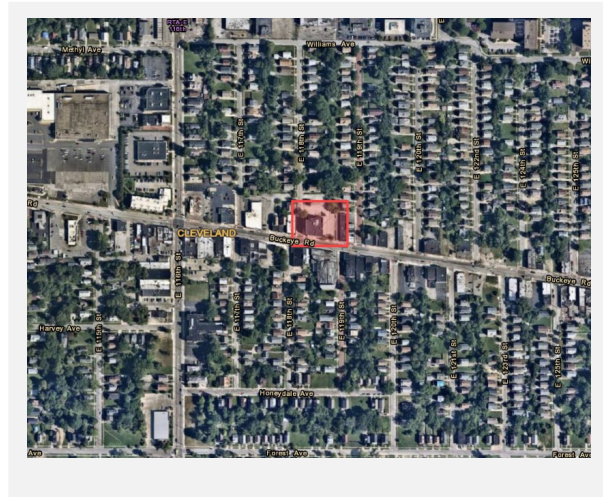
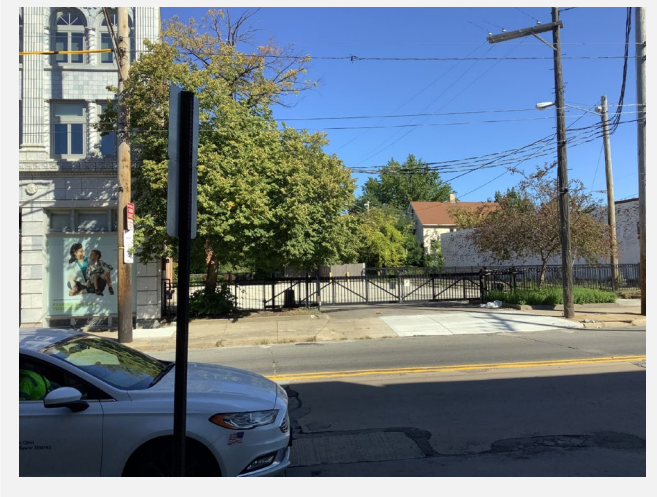
For more information, call 216.881.6600 ext.6447 / neorsd.org

Providence House East Campus Parking Lot Project

Applicant: Providence House

Project Location: 11801, 11819 and 11823 Buckeye Road, Cleveland, Ohio 44120

Subwatershed: Lake Erie Direct Tributaries



Summary

- The Providence House East Campus project, located on Buckeye Road, includes the recently renovated and historic Weizer Building.
- The project is comprised of 3 phases. The 3rd phase of the project will result in the demolition of 2 vacant buildings to allow for the construction of a new Community Hub and a new permeable paver parking lot.
- The permeable pavers will reduce the impervious area, promote infiltration, and reduce the volume of stormwater runoff generated by the parking lot. Additional benefits include maintaining groundwater table levels and enabling geothermal heat from the ground during the winter months to reduce ice buildup on paver surfaces, requiring less reliance on road salt for de-icing.

Project Details

Green Infrastructure (GI) Project Type: 2022 Design & Construction Project Award

GI Technology: Permeable Pavers

Drainage Area: 0.38 acres

GI Feature Area 0.38 acres

Stormwater Capture: 307,114 gal/yr.

Total Project Cost: \$327,700

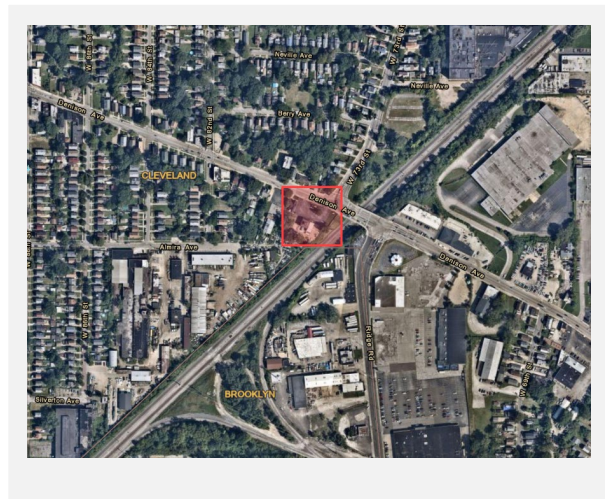
Grant Awarded: \$250,000

Rincon Criollo Green Retrofit Project

Applicant: Metro West CDC

Project Location: 7403 Denison Avenue, Cleveland, Ohio 44102

Subwatershed: Big Creek



Summary

- Rincon Criollo is family owned and operated restaurant located at the intersection of Denison Avenue and W. 73rd Street on the south end of the Stockyards neighborhood.
- Rincon Criollo Green Retrofit is a “Design Only” grant with the objective to re-grade the existing northern parking lot towards Denison Avenue where a new colorful streetside bioretention area and porous pavement parking lot area will be installed.
- The proposed project will also disconnect the existing building downspouts and parking lot catch basins and redirect them into new parking lot catch basins connected to the new green infrastructure components for stormwater treatment and runoff reduction.
- The proposed GI project will be visible for the 3,120 annual patrons to the restaurant.

Project Details

Green Infrastructure (GI) Project Type: 2022 Design Only Project Award

GI Technology: Bioretention and Porous Pavement

Total Project Cost: \$456,146

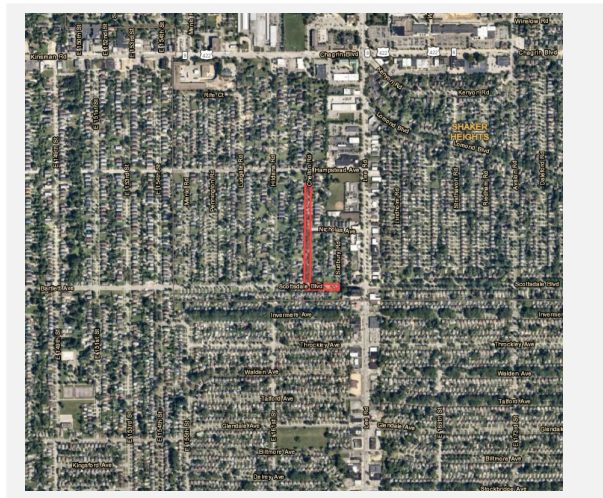
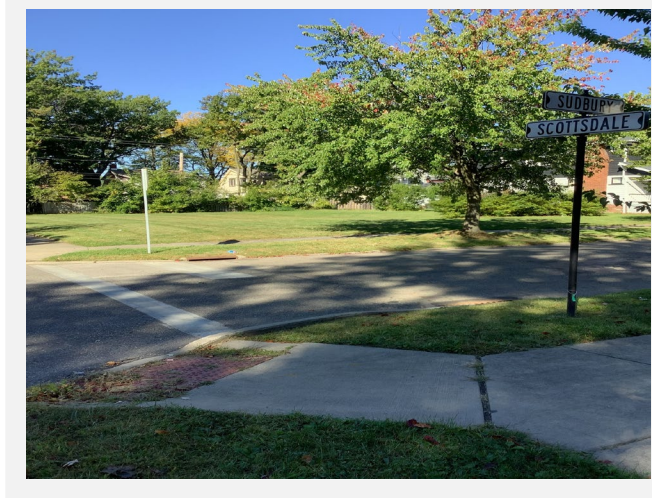
Grant Awarded: \$18,262.97

Southern Moreland Green Infrastructure Traffic Calming Project

Applicant: City of Shaker Heights

Project Location: Scottsdale Boulevard and Chelton Road, Shaker Heights, Ohio 44120

Subwatershed: Kingsbury Run



Summary

- The project is in the public right-of way bounded by Chagrín Blvd. (north), Lee Rd. (east), Scottsdale Blvd. (south), and Menlo Rd. (west).
- Three bioretention cells, 1 on Scottsdale Boulevard and 2 on Chelton Road, will treat and reduce roadway stormwater runoff received through curb cut and trench drain infrastructure.
- Secondary benefits include traffic calming via speed reduction and narrowing traffic lanes along with increasing landscape aesthetics and tree canopy coverage.

Project Details

Green Infrastructure (GI) Project Type: 2022 Design & Construction Project Award

GI Technology: Bioretention

Drainage Area: 1.93 acres

GI Feature Area 0.06 acres

Stormwater Capture: 206,570 gal/yr.

Total Project Cost: \$235,389

Grant Awarded: \$221,389

St. Casimir Green Infrastructure II Project

Applicant: St. Casimir Church

Project Location: 6875 Morley Rd Concord, Ohio 44077

Subwatershed: Doan Brook



Summary

- The St. Casimir Green Infrastructure II Project is a “Design Only” grant with the objective to add and enhance the existing green infrastructure project installed at the Church in 2019.
- The project will explore potential GI components to capture stormwater runoff from the Church’s school building roof, the Church’s hall roof, and the remaining parking lot that is currently a impervious asphalt surface.
- The educational components associated with this project provide strong community engagement that include tours, partnerships with neighborhood groups, and GI educational signage.

Project Details

Green Infrastructure (GI) 2022 Project Type: Design-Only Project Award

GI Technology: Permeable Pavers

Total Project Cost: \$22,500 (Design-only)

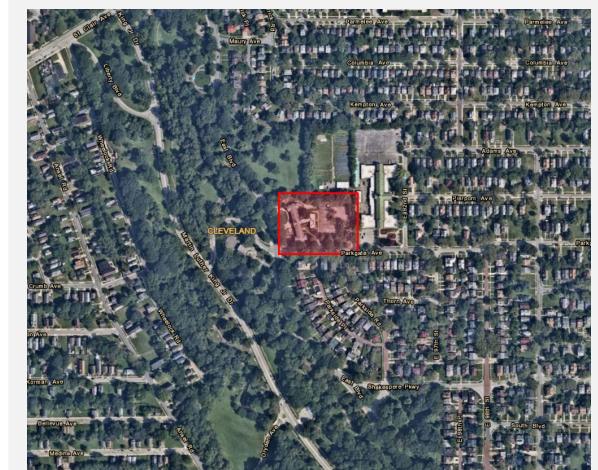
Grant Awarded: \$22,500

Stonebrook-White Montessori Campus Stormwater Retention & Education Plan Project

Applicant: Montessori Development Partnerships (MDP)

Project Location: 975 East Boulevard, Cleveland, Ohio 44108

Subwatershed: Doan Brook



Summary

- The project is located on Stonebrook-White Montessori Campus on East Blvd., which is a newly merged school from Stonebrook Montessori, formerly a charter school, and Michael R. White Elementary School, a CMSD school.
- The main objective of this “Design Only” grant project is to gather accurate data and develop a plan to incorporate new green infrastructure components, as part of a rehabilitated parking lot, thereby significantly reducing stormwater runoff from the site. The project will incorporate an educational component into the design that will compliment environmental science school curriculum.
- The GI components selected will optimize the capture and treatment of stormwater runoff while updating the function of the campus drainage system.

Project Details

Green Infrastructure (GI) Project Type: 2022 Design Only Project Award

GI Technology: Bioretention, Permeable Pavement, Rainwater Harvesting

Total Project Cost: \$40,000 (Design-only)

Grant Awarded: \$25,000



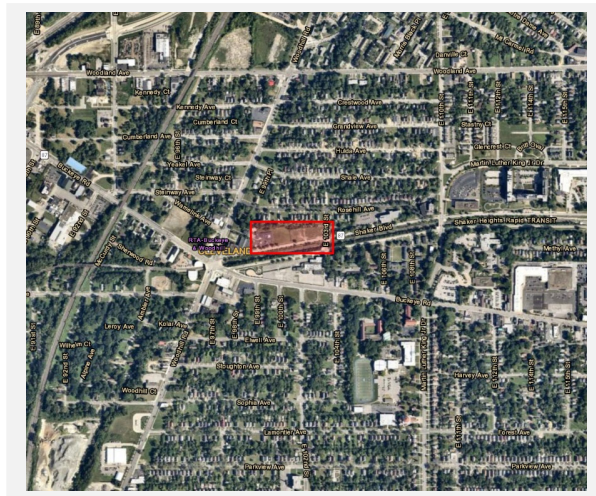
For more information, call 216.881.6600 ext.6447 / neorsd.org

Ubuntu Gathering Place - Phase 2 Project

Applicant: East End Neighborhood House

Project Location: 10299 Shaker Boulevard, Cleveland, Ohio 44104

Subwatershed: Lake Erie Direct Tributaries



Summary

- The Ubuntu Gathering Place project, located in the Greater Buckeye/Woodhill neighborhood, will turn a vacant and degraded lot adjacent to the East End Neighborhood House into a vibrant community gathering space.
- The bioretention cells planned for the site will stretch in a serpentine fashion throughout the property, removing stormwater runoff from the combined sewer system.
- The overall project, including the green infrastructure components, will visually enhance the site and provide educational opportunities for the community.

Project Details

Green Infrastructure (GI) Project Type: 2022 Design & Construction Project Award

GI Technology: Bioretention

Drainage Area: 0.56 acres

GI Feature Area 0.02 acres

Stormwater Capture: 232,505 gal/yr.

Total Project Cost: \$460,660

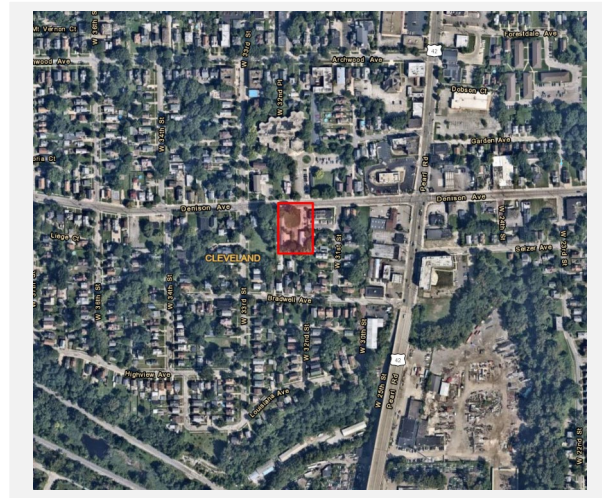
Grant Awarded: \$92,860

Art House Green Infrastructure Garden Project

Applicant: West Creek Conservancy

Location: 3119 Denison Avenue, Cleveland, Ohio 44109

Subwatershed: Big Creek



Summary

- The Art House is a nonprofit arts center located in historic Brooklyn Centre between the Ohio City and Old Brooklyn neighborhoods.
- The Art House GI project will dramatically transform the site to support art education programming for children, adults, and the community, as well as reduce stormwater runoff to the combined sewer system.
- GI components include a centralized bioretention cell that will receive and infiltrate stormwater runoff from the re-graded parking lot and circular driveway, as well roof drainage from the existing Quonset hut style building.
- Two educational signs, one for bioretention and one for the historic Wirth House, will be placed along a new sinuous sidewalk.
- Adjacent to the centralized bioretention, an Art Garden complete with native wildflowers and grasses, will be used for outdoor classes and art installations.

Project Details

Green Infrastructure (GI) Project Type: 2022 Design & Construction Project Award

GI Technology: Bioretention

Drainage Area: 0.52

GI Feature Area 0.23

Stormwater Capture: 171,560 gal/yr.

Total Project Cost: \$295,000

Grant Awarded: \$249,700



For more information, call 216.881.6600 ext.6447 / neorsd.org

Barrio Commissary Green Infrastructure Project

Applicant: West Creek Conservancy

Project Location: 3199 West 65th, Cleveland, Ohio 44102

Subwatershed: Big Creek



Summary

- The Barrio (Spanish name meaning “neighborhood”) Distribution Center is a local-owned business in Cleveland’s Clark-Fulton-Stockyards neighborhood. The adjacent property is the site of a recently demolished structure purchased for expansion of their commissary.
- The project will include a new parking lot and garage structure complete with a bioretention cell, permeable pavement, cisterns and underground stormwater storage.
- The above ground cistern will capture roof runoff to irrigate the bioretention garden, which will be used to grow vegetables. The harvested rainwater will also be used to wash food trucks stored at this commissary.

Project Details

Green Infrastructure (GI) Project Type: 2022 Design & Construction Project Award

GI Technology: Bioretention, Cisterns, Permeable Pavers and Underground Infiltration Chambers

Drainage Area: 0.81 acres

GI Feature Area 0.10 acres

Stormwater Capture: 322,741 gal/yr.

Total Project Cost: \$378,969.73

Grant Awarded: \$246,916.03