



RFP 23-26

MAPLE AVE & CHURCH ST STREETSCAPE
VIENNA, VA

 **LSG LANDSCAPE
ARCHITECTURE**

Town of Vienna
127 Center Street S, VA 22180
February 6th, 2023

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SECTION 1:
LETTER OF INTERSET

I. LETTER OF INTEREST

February 3, 2023

LSG Landscape Architecture, Inc.
8260 Greensboro Drive, Suite 325
Tysons, VA 22102
Commonwealth of Virginia SCC #0265387-1
Certified VA SBSD 661225: SWaM, DBE, MBE

RE: Town of Vienna RFP 23-26 Maple Avenue and Church Street Streetscape

Dear Mr. Amacker and Council:

We are excited to present the attached qualifications in response to the Request for Proposals. We have examined the RFP carefully, and structured our team specifically to meet your needs as noted in the RFP. Ms. Connie Fan, RLA, President of LSG Landscape Architecture brings a unique perspective to this proposal, having served in the 1990s on the original phased design and construction of streetscape for the Maple Avenue project during LSG's involvement with both Church St. and Maple Ave. Joining LSG on this project will be planting expert, Mr. Larry Weaner, founder of New Directions in the American Landscape (NDAL: New Directions in the American Landscape). To respond to the Town's current timetable and goals, LSG has included Ruppert Landscape, a regional leader in high quality plant installation and a noted provider of native plant stock, as cost estimator and contractor. With both LSG and Larry Weaner Landscape Architecture on the team, the Town of Vienna will have access to award-winning planting design, dedicated Certified Arborists and a seasoned project management team. The team's experience with project management, public engagement, extensive sustainability considerations, and successful completion of projects throughout our region is unparalleled.

LSG is a Women Minority Owned Corporation located in Tysons, Virginia, and as a small business employs 13 professionals. Established in 1985, LSG Landscape Architecture believes in place making that is smart, sustainable, creative, and ultimately transformational. Key staff include Principals Connie Fan and Amol Deshpande, and project manager Sabrina Miller, as well as arborist Laurie Beth Donnachie. The firm's associates are registered Landscape Architects. The firm has completed multiple streetscape projects for Fairfax County, City of Falls Church, City of Alexandria, Town of Herndon, Town of Leesburg, Arlington County and for other regional municipalities. LSG provides extensive experience both as prime and subconsultant in aspects that range from leading successful public involvement processes for streetscape design, expertise in sustainable practices, design that serves wide ranges of the community, urban design, wayfinding, programmed sites and more. Our process addresses the built and natural environment with sensitivity and the long-range perspective in mind, ensuring an enriching sustainable integrity for future generations.

Sincerely,



Connie Fan
President, Principal
LSG Landscape Architecture, Inc.
8260 Greensboro Drive, Suite 325, Tysons, VA 22102
email: cfan@lsginc.com phone: (703) 821-2045 cell phone: (703) 300-3084





SECTION 2: SCOPE OF WORK

II. SCOPE OF WORK

Understanding of the Project

The purpose of this project is to install a consistent, colorful sequence of understory plantings in the existing planters along the historic Church Street (from Lawyer Road to Park Street) and Maple Avenue (from 213 Maple Avenue W to East Street).

Project Background:

Church Street

Church Street was a Fairfax County DPW funded project. In 1995, in conjunction with LSG's work for Maple Avenue; LSG principal Mark Gionet developed design concepts for Church Street, a historic commercial corridor. These concepts were used by Fairfax County to prepare streetscape development plans. The recommended palette of plantings, paving and lighting was selected to be compatible with historic buildings and sites while improving the setting for local businesses. Project was constructed in 1996.

Maple Avenue

Maple Avenue Streetscape was a TEA-21 funded project by the Town of Vienna. After completing initial studies for improving Maple Avenue's

appearance in 1995, LSG was retained to lead a team to finalize the design, participate in public engagements, prepare construction documents, and supervise construction. The project was carried out in three phases, Phase I (Lawyers Road to Park Street), Phase IIA (Park Street to Beulah Road), and Phase IIB (Beulah Road to East Street). The project included consolidating overhead utility lines, new planters and brick sidewalks, bus shelters and street lights. Town of Vienna provided extensive input, from the choice of the pavers to plant selections, through the 8-year project.

Visual Assessment of Current Planting

Conditions:

Church Street

Right of way is very narrow, with brick sidewalk to the back of the curb and planters located along the property line, taking advantage of occasional additional plantable space inside adjacent private property. Other than trees, understory planting is not coordinated, maybe due to plant choices by adjacent retail owners. Planters are not irrigated.

Generally, small to median trees are doing well with inconsistent understory planting, a result of periodic replacement due to plants aging out over the past 20+ years.



II. SCOPE OF WORK

Maple Avenue

Right of way is about 10' ~11' wide, with 5' of sidewalk and the remaining space occupied by the planter. All planters within the LSG designed area have automatic irrigation.

Generally, the street trees (Trident Maple and Sugar Maple) have established well and are providing nice dense canopy coverage for pedestrians (one of the Town's initial goals). Trees in continuous long planters tend to do better than the ones planted in tree grades – not a surprise due to their access to greater soil volume.

Understory planting has not been doing well. Different types of shrub masses, and perennials were added over the years, resulting in a less coherent aesthetic. Mature tree canopy also leads to many bare spots within the canopy drip zone.

Approach to the Project

Planting Design Objectives:

- Capture additional stormwater through dense plantings with deep root systems that absorb rain.
- Create habitat for pollinators by creating an orderly and legible design that provides refuge for insects and creates habitat connection which aids in pollinator dispersal.
- Create a legible and easy-to-maintain series of planter designs that will reduce the need for regular watering, weeding and mulching over time.
- Enhance soil conditions to promote superior plant growth (new and existing) over time.

- These planters will improve public awareness and education about native plants, their benefits and how they can be used in the urban landscape.

To achieve the aforementioned project goals, we propose the following tasks –

Task 1. Project kick off and Background Research

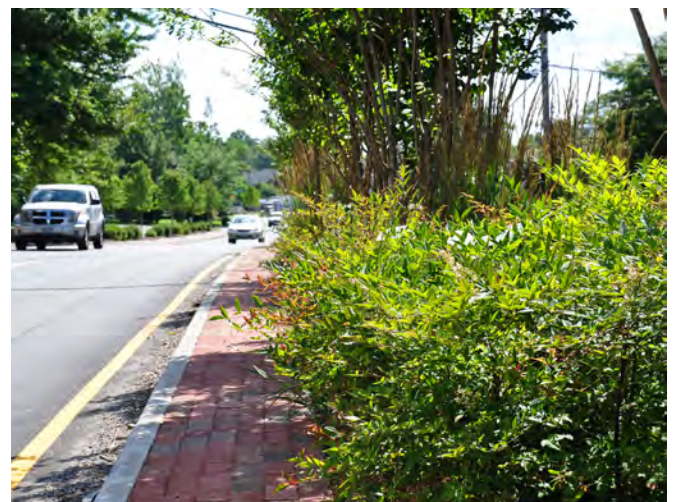
LSG and key team members will meet with the Town of Vienna Project Team to present and discuss the project scope, public engagement approach, schedule and deliverables.

We will review past documents related to the two streetscape projects, and other information leading up to the project.

We will visit the project area and prepare a landscape assessment report. Soil samples will be collected and sent to local labs for analysis.

Task 2. Survey of the Project Area

Most surveyors in the metro DC region are experiencing 2~4 weeks of delays recently. While we recognize the importance of acquiring an updated survey of the project area and will hire a surveyor who can get mobilized quickly, we propose to start the conceptual planting design in tandem with the survey task, by utilizing background plans we have in hand, supplemented with additional information collected in field.



II. SCOPE OF WORK

Task 3. Conceptual Planting Design

Planting Design Approach:

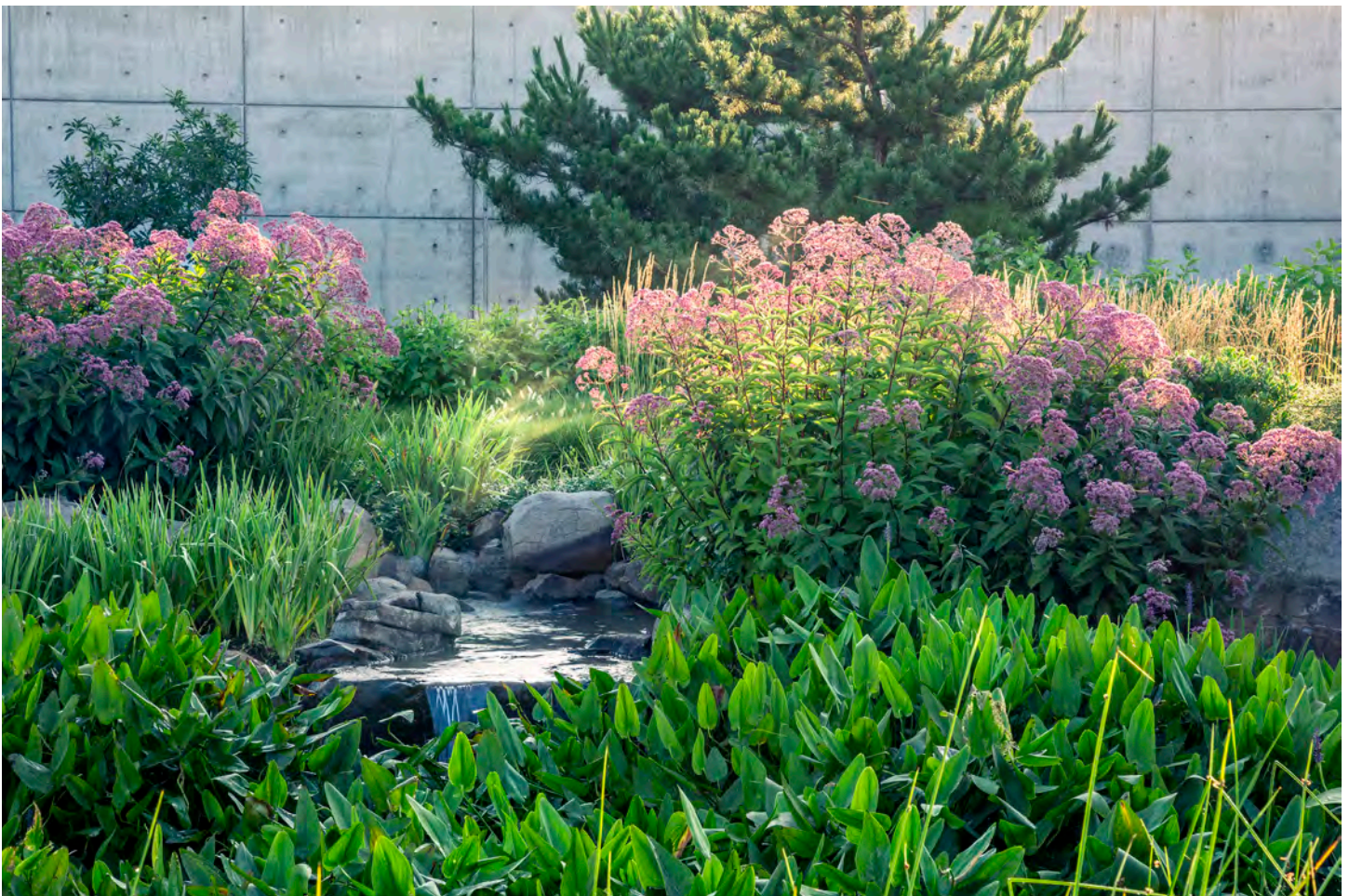
The LSG team will inventory each existing planter to understand species and conditions of all trees designated to remain, soil conditions (compaction, pH, etc.) as well as other key factors that may drive the plant selection (sun/shade, wind patterns, etc.). LWLA staff arborist will be involved in this project to help determine how best to maintain trees that are designated to remain. Based on that inventory, a planting palette for each planter will be created that provides both a cohesive sense of place along each road, and also responds to the specific conditions of each planter to best ensure long term plant success. Each planter will include a legible matrix of plants that are resilient to the challenges inherent in these conditions, provide multi-season interest and upon maturity provide a dense weed resistant planting.

The LSG team's deep technical understanding of native plants and native plant communities, our experience monitoring and providing adaptive

management suggestions for projects as they evolve as well as our experience working on complex projects in the urban environment all make us well suited for creating a new and contemporary streetscape planting for the Town of Vienna.

Planting Design Considerations:

- Narrow tree pits with 20+ year old trees in them mean that any new plants will have a large amount of root competition from the existing trees. As a result, LIDAR, soil cores, or air spading may be needed to determine available below ground rooting space for new plants.
- As rooting space will likely be limited the use of shrubs may need to be curtailed as the available root zone may not be sufficient.
- Due to the expected high root zone competition on-site LWLA is likely to recommend clonally spreading shallower rooted species that can spread and fill over the soils' surface in time.
- Air spading to expose existing root systems and



II. SCOPE OF WORK

the addition of new soil may be needed to support any new plantings.

- Plants will need to be able to grow in the shade of existing tree canopies.
- In addition to root competition and shade plants in these tree pits, the selections will also need to be tolerant of dog urine, foot traffic, salt spray, and reflected heat load.

The team will prepare a couple of planting design concepts, with free hand sketches of plans and sections. Potential plant recommendations will be presented as well.

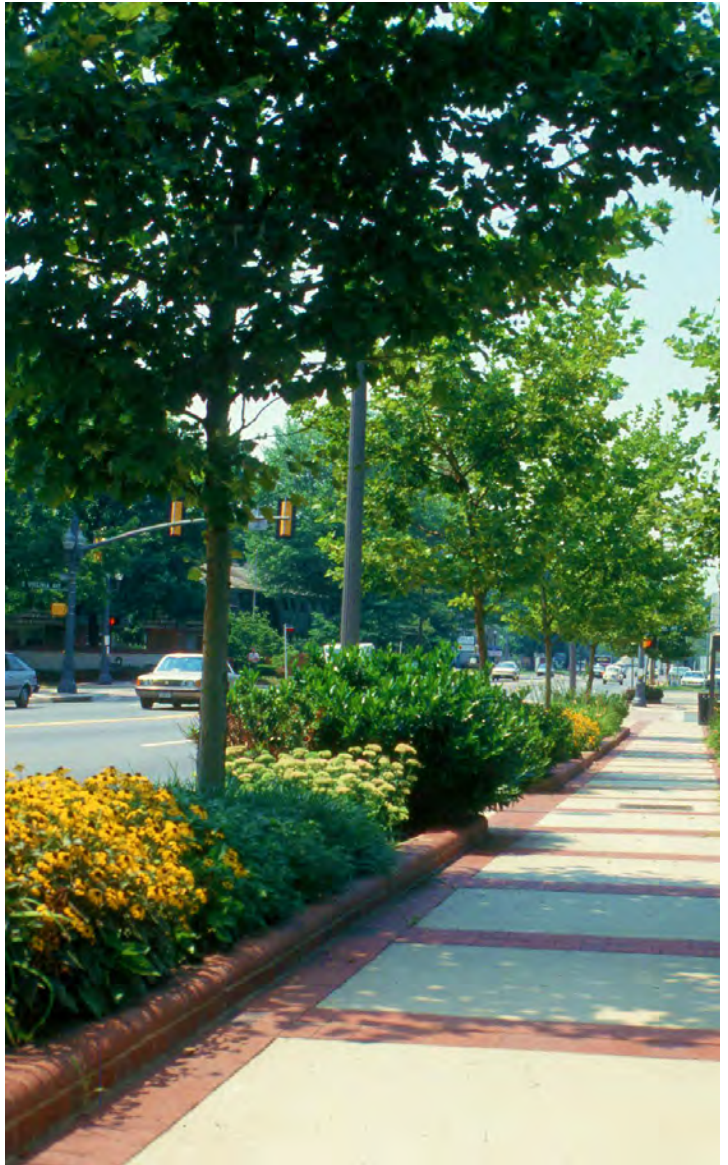
We will meet with the TOV staff to discuss the pros and cons of each approach. A final design option will be developed before public engagement.

Task 4. Public Engagement

During Concept Development Phase -

Both Maple Avenue and Church Street have major retail presence. It is critical that the project provides ample notice to retailers during the early stage of the project, so alternate access to retail establishments can be explored during design phase.

Town of Vienna also has a couple of very engaged garden clubs. Valuable input from local communities is important to the success of the project.



II. SCOPE OF WORK

After the final construction documents and cost estimate are finished, TOV staff may elect to present the project to Town Council to seek their final approval.

For both public meetings, we will prepare presentation exhibits, review with the Town Staff, revise exhibits after Staff input, and be available at presentations.

Task 5. Implementation and Construction Plan

With design input received during the public engagement process, the LSG team will prepare the final design. A cost estimate will be prepared during this stage as well.

With approval from the TOV staff, LSG will prepare the construction documents, and update the cost estimate.

During this phase, we will prepare the following plans:

- Tree remedial plan and details
- Soil remedial plan and details
- Understory removal plan and details
- Planting design and details
- Cost Estimate

Task 6. Construction and Construction administration

Team member Ruppert Landscape will start constructing the project once the Town provides the Notice to Proceed. A pre-construction meeting will be held on site to go over the project and construction schedule. Ruppert will review communication tools (weekly notifications, field managers).

During construction, LSG staff will be on site regularly to assess quality of installation, provide timely input if needed. Biweekly walk-through will be conducted with Town Staff to review construction progress, quality of installation, and a field report will be issued to document construction progress.

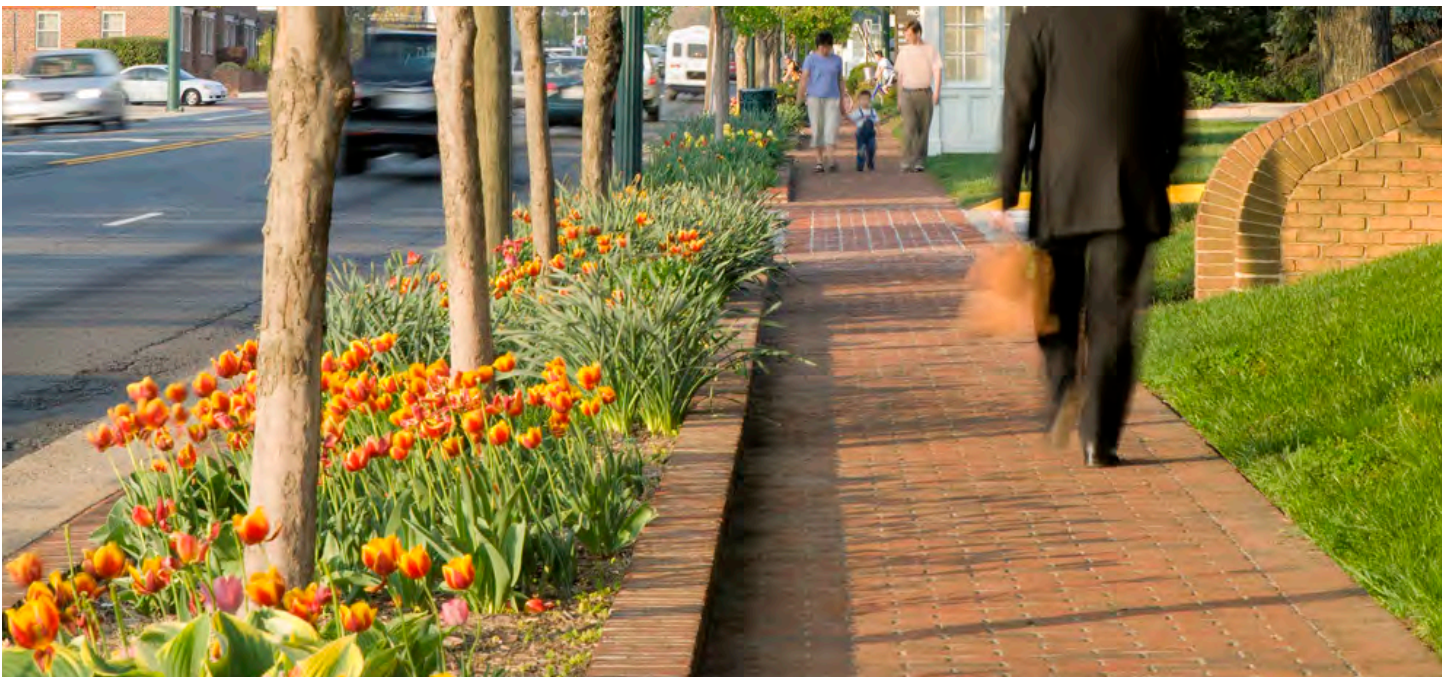
At the Town's request, LSG will perform substantial completion and final punch list walk.

Task 7. Project Closeout (Warranty and Completion of the Project)

Ruppert will develop a maintenance and warranty plan tailored to Town of Vienna's needs. A detail-oriented crew will perform site visits and prepare as-built drawings.

LSG will review the as-builts, comparing them against field notes.

An updated set of as-builts and maintenance manuals will be delivered to TOV before project close-out.



II. SCOPE OF WORK

Tentative Schedule

Church and Maple Planting Upgrades
February 2, 2023

Town of Vienna, Church and Maple Planting Upgrades																				
2-Feb-23																				
	2023																			
	March				April				May				June				July			
Kick off Meeting																				
Task 1. Survey and Review Project Background																				
Task 2. Concept Design																				
Review Concept with TOV																				
Revise Concept per TOV Review Comments, Prepare Preliminary Cost Estimate Prepare Public Engagement Exhibits																				
Task 3. Public Engagement																				
Task 4. Revise Design per TOV and Public Comments, Prepare 90% Construction Documents Prepare 90% Cost Estimate																				
Review Final Landscape Design with TOV																				
Task 5. Prepare Final Construction Documents Prepare Final Cost Estimates																				
Task 6. Construction and Construction Administration																				
Task 7. Punch List Walk with TOV																				

Deliverables:

During Design Phase:

1. Conceptual Design Options
2. Final Design Concept and Cost Estimate
3. Public Engagement Presentation
4. Construction Documents (90% and Final),
and cost estimates

During Construction Phase:

1. Bi-weekly field reports
2. 70% Completion report
3. Substantial completion report
4. Final punch list

During Project Closeout Phase:

1. As-builts
2. Operation and maintenance manual



SECTION 3:
PROJECT MANAGEMENT/
COMMUNICATION

III. PROJECT MANAGEMENT/COMMUNICATION

We have examined the RFP carefully when assembling this highly qualified Design-Built team. The LSG team is led by LSG Landscape Architecture, assisted by Ruppert Landscape as the general contractor, and LWLA as the planting design expert, in order to deliver a superior product and client service experience to the Town of Vienna.

During the design process, LSG will provide the overall project management, lead the design process with LWLA, as the planting design expert. Once a design concept is accepted by the Town, LSG will prepare the construction documents, with input from LWLA. Ruppert Landscape will provide cost estimates along the way to ensure budget compliance.

We manage our subconsultants in a collaborative environment. At the inception of the project, we will establish a clear communication plan that serves as a living document that is incrementally tracked, reviewed and updated with any project changes. This plan provides a look ahead for the needed information, decisions to be made, and expectations for deliverables. LSG facilitates regular meetings with Town of Vienna, and will generate a progress set to track deliverables prior to the completion of each phase.

Preliminary Project Scoping

One key to our approach is working with staff and stakeholders to verify the scope and need for proposed improvements through careful initial investigation and survey, and to help the Town make certain that all needed improvements are addressed.

Confirming Project Goals, Budget and Objectives

Concurrent with this preliminary scoping, the Town will share with the LSG team the original project goals and objectives leading to the project. These might include minutes or outcomes from public meetings, information from the adopted capital improvement program (CIP) or other more recent project updates. Understanding the broader vision for the project, and budget is key to creating effective design solutions that address the scope at all levels of detail.

Establishing Project Schedule, Milestones, Coordination during Design Phase

Once the Town authorizes the work, Project Manager Sabrina Miller and Principal in Charge Connie Fan will integrate individual task milestones into a master schedule. This master schedule will be vetted by the Town, who can start scheduling core team review dates. The tentative Public Engagement date is also identified.

A separate sub-consultant team schedule is established with QA/QC check sets due to LSG, typically one week prior to project milestone delivery to the Town. Weekly touch base calls are also scheduled to ensure that we progress as a team and to identify any issues of concern. We generate weekly summary reports, so team members and others can see the results of our efforts and so we can measure progress. Meetings are a significant part of streetscape design. We try to keep them short and focused.

Public Engagement

We will meet with the Town to understand each of the public entity's priorities, prepare exhibits specifically tailored toward their concerns. Invite team members who are better equipped to present and respond to questions during Public Engagement process.

Management during Construction

Team member Ruppert Landscape will take the lead in constructing the project. As the construction administration representative for the Town, LSG will visit the construction site daily, providing the Town with timely reports. With the Town's input, LSG will provide field directions to Ruppert Landscape to make field adjustments as needed.

We will coordinate bi-weekly walk-throughs with the Town to inspect built work, and prepare field reports, document deficiencies and produce remedial recommendations.

During project close-out stage, we will coordinate with Ruppert Landscape to ensure all relevant product and maintenance manuals, as-builts are collected, organized and included in the final close out binder to the TOV.



SECTION 4:
QUALIFICATIONS AND
REFERENCES

IV. QUALIFICATIONS AND REFERENCES

LSG LANDSCAPE ARCHITECTURE

Landscape Architecture, Land Planning, Urban Design

Firm Overview

LSG is a Women and Minority Owned Business located in Tysons, Virginia. Established in 1985, LSG Landscape Architecture believes in place making that is smart, sustainable, creative, and ultimately transformational. LSG's staff of 12 professionals based in Tysons oversees a portfolio of projects throughout the Eastern Seaboard. The firm's expertise includes master planning, site design, and landscape architecture.

LSG's design approach embraces the notion that we can convey something new while maintaining a dialogue with the past. Whether seeking to enliven, guide, heal, educate, or inspire, LSG's goal is to create an engaging sense of place in which to live, work, and play. Above all, landscape architecture is a social construct. Whether the aesthetic vision is shaped by an urban sensibility or driven by a more pastoral imperative, the result should be informed and elevated to something larger.

LSG has received dozens of awards for public facilities, ranging from regional facilities to streetscape and local community parks. The firm has working knowledge of a wide range of transportation facility types and construction techniques for their implementation, signage and interpretive signage design, street lighting and planting with special sensitivity to the preservation demands and aesthetic guidelines for historic and cultural sites.

Town of Vienna Experience

Since LSG's founding in 1985, within 3 miles of the Town Hall, the firm has been active as a community partner within the Greater Tysons Region (Vienna, McLean, Falls Church). Firm principal Connie Fan has been a long time volunteer on the MCA Planning and Zoning Committee, Fairfax County Development Review Advisory Committee, and Tysons Partnership. Her intimate knowledge of the various jurisdiction agencies give the firm a broader knowledge of regional issues, and how active public spaces like the Maple Avenue corridor can contribute to community pride and economic growth.

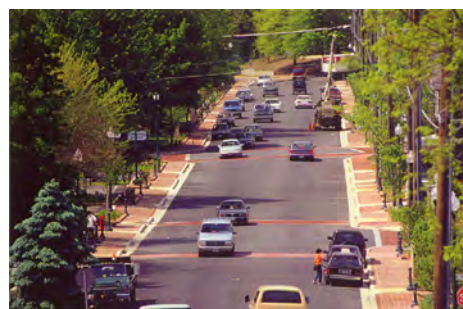
Projects we worked on in the Town of Vienna include the following:

- Church Street Streetscape
- Maple Avenue Streetscape, Phase I, IIA and IIB
- Vienna Presbyterian Church
- Vienna Town Green Conceptual Design
- Sunrise Vienna on Maple Avenue
- 401 Follin Lane (a federal facility)

Government Agency Experience

LSG's long-term clients include most County and Municipal Governments in the Metropolitan Washington region. LSG has assisted the government departments of the following:

- City of Alexandria Department of Recreation, Parks and Cultural Activities, Alexandria, Virginia;
- City of Falls Church, Public Works;
- City of Norfolk Parks and Recreation;
- Town of Herndon Parks and Recreation;
- Town of Leesburg, Public Works, Parks and Recreation Department;
- Town of Vienna, Public Works
- Arlington County Department of Parks and Recreation;
- DC Department of Parks and Recreation, Washington DC
- Delaware State Parks;
- Fairfax County Public Works, Housing and Community Services, Parks Authority;
- Fauquier County Department of Parks and Recreation;
- Loudoun County Department of Parks, Recreation and Community Services;
- M-NCPPC/Montgomery County Parks;



IV. QUALIFICATIONS AND REFERENCES

LSG LANDSCAPE ARCHITECTURE

Landscape Architecture, Land Planning, Urban Design

- Northern Virginia Regional Park Authority;
- Prince William County Park Authority;
- Stafford County Parks, Recreation and Community Facilities;
- St. Mary's County Department of Recreation and Parks.

LSG is an experienced provider of design services as PRIME CONSULTANT

- Town of Vienna, Public Works
- Arlington County Parks and Recreation
- Department of Veterans Affairs, National Cemetery Administration
- District of Columbia, Department of Transportation
- Fairfax County Park Authority
- Fairfax County Department of Public Works & Environmental Services
- Maryland Department of Transportation
- Maryland-National Capital Park & Planning Commission
- Montgomery College
- Prince William County Park Authority
- Virginia Department of Transportation
- Virginia Tech, Blacksburg, VA

Streetscape Design Services

Streetscapes are a core element of a community, serving as an important signature for a neighborhood, town, or city. The character of a streetscape is essential to defining culture, history, and overall sense of place, while also signaling a welcoming appeal to pedestrians and businesses. Our work in streetscape design has been instrumental to the creation of new communities, as well as the revitalization of aging neighborhoods and urban districts.

LSG's experience includes the development of streetscape guidelines and standards to achieve consistent urban design objectives. We offer meticulous research, insightful design, and comprehensive services to manage implementation and construction. Our professionals work carefully with residents, business owners, and community leaders to craft effective programs that integrate diverse land uses, accommodate and direct various modes of transportation and pedestrian circulation, and heighten connections between local land owners to create a cohesive neighborhood environment.

We have a broad-based understanding of designing streetscapes. This knowledge includes a basic understanding of traffic and transportation engineering including roadway design criteria, implications of different design speeds, and other requirements. LSG is also familiar with construction related issues of pavement design, grading and drainage, and utilities. This knowledge informs the way LSG approaches complete street design using landscape architectural techniques. In addition, we have intimate knowledge of planting in streetscape settings. Consistent tree planting, complemented with a rich tapestry of understory planting creates a strong sense of community identity, slows traffic, increases a sense of pedestrian presence. It makes us better advocates for the community, and less likely to miss opportunities to preserve or provide additional green or pedestrian areas within the context of complicated transportation projects.

Tree Preservation Design and Consulting

As part of our mission to create places that are smart, sustainable, creative and transformational, LSG Landscape Architecture offers tree evaluation and preserva-



IV. QUALIFICATIONS AND REFERENCES

LSG LANDSCAPE ARCHITECTURE

Landscape Architecture, Land Planning, Urban Design

tion design services to compliment and support an integrated approach to landscape design, renovation, and construction. LSG has professionals that are both ISA Certified Arborist and Registered Landscape Architects, ensuring our approach to the care of valuable environmental resources is equal parts science and art. By properly planning for the preservation of specimen trees and urban forests, property owners can partner with LSG to gain proven benefits to public health and wellbeing and increased asset value, while creating an engaging sense of place in which to live, work and play.

Our range of experience and services includes:

- Tree Inventories
- Diagnosis of Tree and Landscape Problems
- Tree Risk Assessments, using ANSI A300 methodology
- Site Planning
- Tree Preservation Design
- Regulatory Permitting, including Natural Resource Inventories and Forest Conservation Plans
- Construction Phase Inspections

Public Outreach

LSG has an exceptional background leading successful public involvement processes for streetscape planning and design, helping to build consensus across diverse user groups. LSG is experienced at implementing streetscape and roadway landscape design projects while involving local businesses, residents, shoppers and visitors in the design process and minimizing disruption to them during construction. The firm's successful public transportation projects require the early involvement of local stakeholders to ensure that their concerns are heard and that plans evolve to meet their needs. The firm routinely employs a range of effective techniques including community meetings employing the nominal group technique (NGT) in small groups, charrettes, pop-up surveys, surveys and social media. LSG is skilled at preparing graphic and other web-ready materials for communicating project progress to the public.



Please see Appendix for letters of recommendation.

References:

- | | | | |
|---------------------------------|--------------|-------------------------------|----------------|
| 1. Arlington Co. Transportation | Ariel Yang | ayang@arlingtonva.us | (703) 228-4019 |
| 2. Prince William County, DPRT | Amarjit Riat | ariat@pwcgov.org | (703) 792-4217 |
| 3. Montgomery County Parks | Wen Huang | wen.huang@montgomeryparks.org | (301) 495-2466 |



MAPLE AVENUE STREETSCAPE

Vienna, Virginia

LSG assisted the Town in studies for the 1.4 mile Maple Avenue "Main Street" streetscape, resulting in complete multi-phase plans for the renovation. Improvements included reconstruction and overlay for the existing paving, new brick sidewalks and crosswalks, new landscaped planter areas, drainage improvements, reconstruction of the W&OD trail crossing and design of distinctive bus shelters. Each phase included a robust outreach program, that **gathered input from stakeholders including Vienna business owners, garden clubs, and the Town Council.** Measures were taken during construction to ensure minimal disruption to residential and business interests.

Client:

Town of Vienna, Virginia

Contact:

Glenn Bates

**CHAIN BRIDGE ROAD ENHANCEMENT/MCLEAN STREETSCAPE**

McLean, Virginia

LSG produced a preliminary streetscape study for a portion of the road within McLean, ranging from the Westmoreland Rd. intersection with Chain Bridge, down to the intersection with Old Chain Bridge Road. The study produced resources for traffic and transportation engineers, surveyors and civil engineers, and landscape and planting planning. **The interactive process coordinated input from stakeholders in the McLean community, County Supervisor's office, VDOT, DPWES and MRC.** The plans showed preliminary landscape selections, planting beds, crosswalks, benches, bus shelters and lighting.

Contact:

Jeanmarie Roberson Senior Project Manager

Transportation Design Division, Fairfax County Department of Transportation

email: Jeanmarie.Roberson@fairfaxcounty.gov

Telephone: (703) 877-5600 main office, (703) 877-5740



TARRYTOWN RIVERWALK PARK

Tarrytown, NY

In collaboration with IQ Landscape Architects, LWLA designed live plant compositions and specifications for an approximately six acre replanting of native meadow and understory at Tarrytown Riverwalk Park. LWLA needed to come up with a plan to edit the existing planting that had been installed 8 years previously and come up with a palette of plants that would match the preserved extant plantings but also adapt to the site conditions changes which had occurred since the original planting had been installed. The plant palette was also restructure with an eye towards aesthetics and ease of maintenance. LWLA also provided long-term maintenance specifications and continues to provide management oversight and training.



meadow texture



riverside meadow walk



pycnanthemum and juncus

PROJECT COMPLETION

2018

COLLABORATION

IQ Landscape Architects

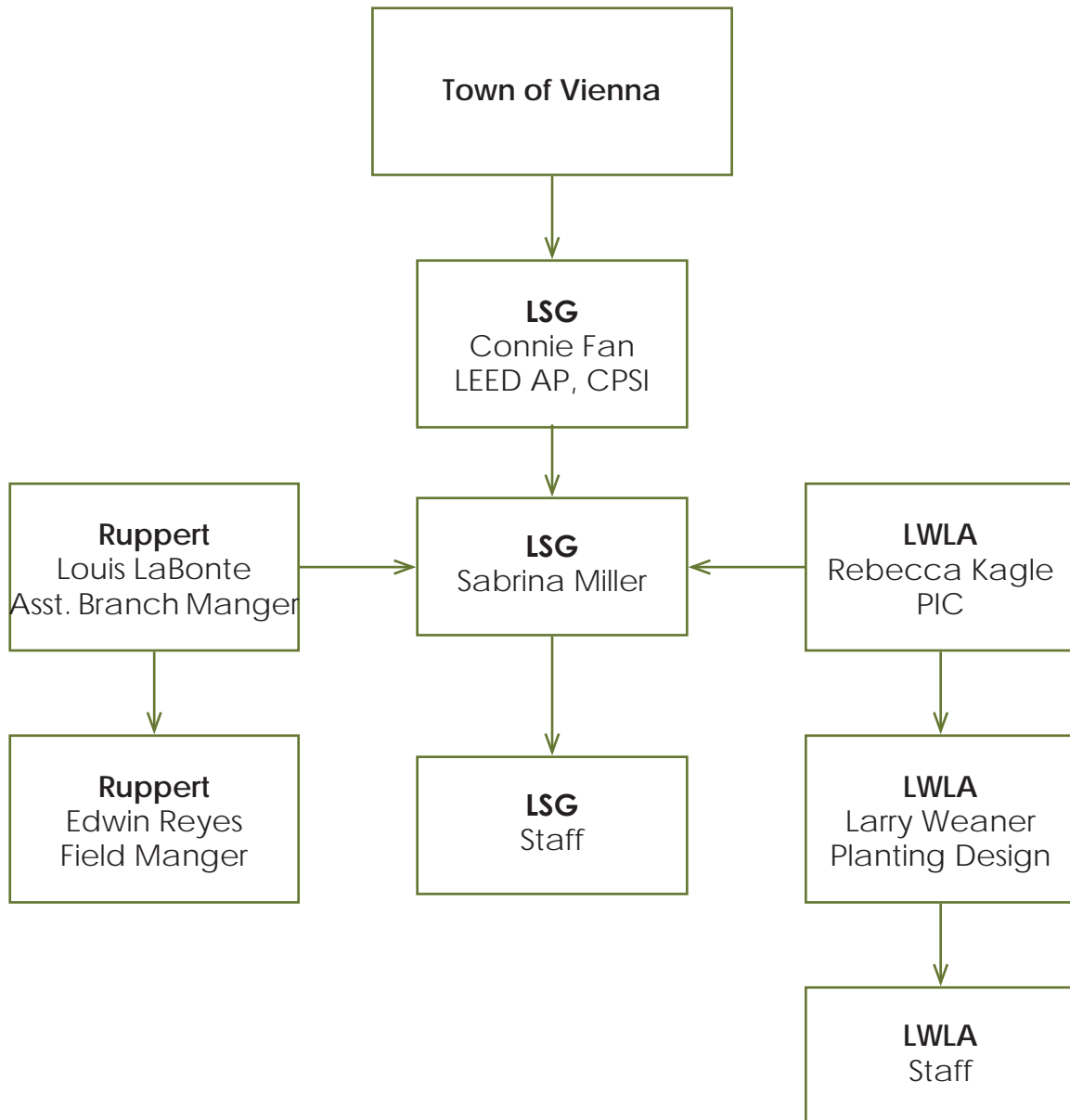
LWLA SCOPE

Planting Design
Installation and Management Specifications
Public education
Construction Administration
Post Installation Site Visits

Contact:

Pat Jones
914-419-7229 pat.jonesra45@gmail.com





LSG: LSG Landscape Architecture
LWLA: Larry Weaner Landscape Associates
Ruppert: Ruppert Landscape

CONNIE FAN, ASLA, LEED®AP

Principal

Trained both in architecture and landscape architecture, her design work focuses on place making that reflects the cultural, environmental and architectural surroundings for the land. A frequent recipient of ASLA awards, Ms. Fan's designs create beautiful, memorable places, as well as enhancing real estate value. Her work includes a wide variety of projects ranging from commercial, institutional and planning projects to public streetscape revitalization. She brings energy and enthusiasm to all phases of every project, a dedicated approach with extensive benefits to the client. Ms. Fan is a LEED Accredited Professional with a focus on sustainable site initiatives and smart growth. Outside of the office, she is actively involved with the Urban Land Institute, Fairfax County Development Process Review Committee, and AIA DC.

PENINSULA ESPLANADE PLANTING RENOVATION, MILLSBORO, DE. Ms. Fan lead the planting design for the 1.4-mile-long main road leading into the community. Relying on aerial photos and site images, the team created an assessment of the existing planting condition report, followed by a set of plant massing recommendations.

MONTICELLO AVENUE STREETScape, WILLIAMSBURG, VA. As part of her vision for the 30 acre new town center next to the College of William and Mary campus, Ms. Fan designed the expanded Monticello Avenue corridor with new planting beds, benches, bike racks, street lights and signage. City's public works department implemented LSG's recommendations through a unique public and private partnership.

DDOT GREEN STREET, DISTRICT OF COLUMBIA Ms. Fan has been the principal in charge of this term contract with DDOT, green infrastructure design.

MAPLE AVENUE ENHANCEMENT PROJECT, VIENNA, VA. Ms. Fan served as project landscape architect and project manager for this downtown corridor streetscape project covering a 1.4 mile segment of Route 123 which serves as Vienna's "Main Street" and focus of business activity.

WEST BROAD STREET IMPROVEMENTS, FALLS CHURCH, VA. Design and construction documents for improvements to the 400 through 900 blocks of West Broad Street. The efforts included a review of prior design decisions and exploration of alternatives, changes in land use, and budgetary limitations.

The scope of work consists substantially of streetscape improvements, including landscape, irrigation and lighting, and limited modifications to existing street pavement, drainage and curb and gutter.

MCLEAN ENHANCEMENT PROJECT STREETScape STUDY, MCLEAN, VA. Ms. Fan served as project manager for a preliminary streetscape study of Chain Bridge Road, from its intersection with Westmoreland Road to the intersection with Old Chain Bridge Road within the 230-acre McLean Community Business Center. Following the approval of the study, she designed a two-block demonstration project with Fairfax County.

**Education**

- College of Environmental Science and Forestry, State University of New York, Master of Landscape Architecture, 1993
- School of Architecture, Southeast University, Nanking, P.R. China, , 1991

Registration

- Registered Landscape Architect - VA, MD, DC, MA
- LEED Accredited Professional
- Certified Healthcare Garden Designer, Chicago Botanic Garden

Select Recent Awards:**2022**

- Janelia Recreation Area, Potomac and Virginia ASLA, Merit Awards
- Queens Court | Rosslyn Highland Park, Best Large Affordable Housing Project, HANDS
- Midtown Row, Multifamily Exec. Nat. Conf., Merit Award; AIA Northern Virginia Design Award; Excellence in Design, HRACRE

2021

- Leidos Global Headquarters, Nat. Excellence in Construction, Associated Builders and Contractors; Award of Excellence, AIA Northern Virginia.
- Lewinsville Intergeneration Center, VA ASLA, commendation award
- Queens Court | Rosslyn Highland Park, Hon. Men., DesignArlington

2020

- Studio 3807 Apartment, USGBC Capitol Region, Innovative Project of the Year – Residential
- Leidos Global Headquarters, James Scott Award, Fairfax County

LARRY WEANER, FAPLD

Principal

Larry Weaner has over 40 years of landscape design and installation experience, combining expertise in horticulture, environmental science, and the traditions of garden design. In 1982 he founded Larry Weaner Landscape Associates, a nationally-recognized firm providing landscape design and restoration services. His award-winning work has been profiled in *The New York Times*, *The Wall Street Journal*, *Garden Design*, *American Gardener*, and *Landscape Architecture Magazine*, among other publications.

In 1990, Larry developed New Directions in the American Landscape (NDAL), a conference and workshop series dedicated to advancing the art and science of natural landscape design. Co-sponsors of NDAL programs include the Atlanta Botanic Garden, Brandywine Conservancy, Brooklyn Botanic Garden, Connecticut College Arboretum, Holden Arboretum, Morris Arboretum of the University of Pennsylvania, Morton Arboretum, and Tower Hill Botanic Garden, among others. In 2016 this influential series received the New England Wildflower Society's first annual Regional Impact Award.

PRACTICE AREAS

Ecological Restoration, Landscape Design & Master Planning, Education

PROFESSIONAL WORKS

- Dumbarton Oaks Park Conservancy / Meadow and Lower Stream Valley Design – *Washington, D.C.*
- Grace Farms / Meadow Design & Installation Consultant for Olin – *New Canaan, CT*
- Green-Wood Cemetery / Meadow & Slope Stabilization Design – *Brooklyn, NY*
- Glenstone / Meadow Design and Consultant for PWP Landscape Architecture – *Potomac, MD*
- Jay Heritage Center / Meadow Design – *Rye, NY*
- Kosciuszko Park / 2.5 acre Urban Park – *Stamford, CT*
- Lafitte Greenway / Meadow Consultant for Design Workshop – *New Orleans, LA*
- Milton Hershey School / 50 acres of Native Meadows – *Hershey, PA*
- Mount Auburn Cemetery / Washington Tower Meadow and North Dell Meadow – *Cambridge, MA*
- National Audio Visual Conservation Center / Meadow Design and Installation Consulting for SWA Group – *Culpeper, VA*
- Olana State Historic Site / Meadow Consultant for Nelson Bryd Woltz Landscape Architects – *Hudson, NY*
- Overlook Farm / Meadow and Woodland Edge Design – *Lackawanna Co, PA*
- Private Estate / 35-acre Native Meadow & Gardens – *Saucon Valley, PA*
- Twin Maples Estate / 40-acre Native Meadow – *Salisbury, CT*
- Wakehurst Place North American Landscape / Meadow Consultant – *Wakehurst, UK*
- Wissahickon Valley Park Sustainable Trail Initiative / Implementation & Management Specifications – *Fairmount Park, Philadelphia, PA*

HONORS AND AWARDS

- 2021 AHS Landscape Design Award
- 2017 AHS Book Award – “Garden Revolution: How Our Landscapes Can Be a Source of Environmental Change”
- 2016 The Native Plant Center – Lady Bird Johnson Environmental Award
- 2016 New England Wildflower Society Regional Impact Award (NDAL)



SELECTED LECTURES

- National ASLA Conference (2019)
- National ASLA Conference (2018)
- NJ ASLA Conference (2018)
- Bowman's Hill Wildflower Preserve (2017)
- Chicago Botanic Gardens (2017)
- Wildflower Association of Michigan Annual Conference (2016)
- NY-Upstate ASLA Annual Meeting & PA/DE ASLA Annual Meeting (2015)
- Lahr Symposium, National Arboretum (2015)
- Working in Four Dimensions: Time and Successional Process in Designed Landscapes
- Living in a Liberated Landscape
- Finding Your Niche: Establishing an Ecological Focus for your Firm
- Breaking the Rules: Ecological Landscape Design vs. Tradition
- Meadow Metrics
- Native Meadows: Let's Get Real

PUBLICATIONS

- “Wild: The Naturalistic Garden” by Noel Kingsbury (2022)
- “Beyond the Garden: Designing Home Landscape with Natural Systems” by Dana Davidsen (2022)
- “Meadows” in *Garden Design Master Class* edited by Carl Dellatore (2020)
- “Ten Elements of Natural Design” *Ecological Landscape Alliance* (August 2019)
- “Education of a Wild Landscape Designer” with Tom Christopher, *Wild Seed* (May 2017)
- “Garden Revolution: How Our Landscapes Can Be a Source of Environmental Change” with Tom Christopher (Timber Press, 2016)
- “In the Meadow” *Wildflower Magazine* (Fall 2009)



LARRY WEANER LANDSCAPE ASSOCIATES

2920 Mt. Carmel Ave. | Glenside PA 19038 215-886-9740 www.lweanerassociates.com info@lweanerassociates.com

SABRINA MILLER, RLA, ASLA, CPSI

Associate

Sabrina Miller is a landscape designer with over 6 years of experience working on a broad range of projects, from large scale public works to private residential estates. Her portfolio includes senior housing projects, mixed-use developments, playgrounds, parks, hospitality, and rooftop terraces, including the following:

- **New Park at South Eads, Arlington, VA:** Project manager for schematic design and construction documents for this 0.9-acre neighborhood park. LSG created a contemplative urban oasis in the highly urbanized National Landing District in Arlington County. Pollinator meadows and a rain garden bring visual, tactile and temporal experiences of nature into the urban environment.
- **1701 H St., NE, Washington, DC:** Project manager for a new-build multifamily residence within the historic H-Street corridor in Washington, DC. Multiple rooftop levels for amenities include: pool, deck, outdoor kitchen and dining spaces; separate outdoor courtyard spaces are situated on the 2nd and 7th floors. LSG's plans include improvements at the streetscape.
- **1776 I & 801 18th St, Washington, DC:** Streetscape design for frontages of 1776 I St. and 801 18th St. which includes portions of I St., 18th St., and H St., all located within the Golden Triangle BID.
- **Rosslyn Highlands Park, Arlington, VA:** Design and documentation for this 9,000 square foot park in the heart of Rosslyn's urban corridor. Raised planters, terraced seating, and urban bioretention gardens blend built vs. the biophilic.

 **LSG LANDSCAPE
ARCHITECTURE**
**Professional Registration**

- Licensed Landscape Architect in Virginia
- Certified Playground Safety Inspector (CPSI)

Education

- Cornell University, B.S. Landscape Architecture, 2016

Professional Activities

- ASLA

Speaking Engagements

AIA Design DC, Reboot and Rebound: Janelia, 14 Years in the Placemaking

BRETT SCHNEIDERMAN, RLA, ISA

Senior Associate

PRACTICE AREAS

Public and Residential Landscape Design, Arborist

PROFESSIONAL WORKS

- Jefferson Health Specialty Care Pavilion and Chestnut Walk – *Philadelphia, PA*
- The Pocantico River and Devries Park Improvement Project – *Sleepy Hollow, NY*
- 787 11th Avenue Roof Amenity – *New York, NY*

HONORS AND AWARDS

National Community Service Award
American Society of Landscape Architects

Distinguished Student Award
ASLA, New York Upstate Chapter

John Cornman Scholarship
New York State Turfgrass

E. Groton Davis Travel Fellowship: Xi'an
China Horticultural Exposition

COMMUNITY SERVICE & ACADEMIA

- Teaching Assistantships / Cornell Department of Landscape Architecture
- Research Design Illustrator / New York State Golf Course Superintendents
- Project Leader / Hurricane Sandy Arbor Restoration Plan for Garden City, NY
- Riverview Manor Hose Co. #3, Hastings-on-Hudson, NY, Volunteer Firefighter, Landscape Committee, Archivist

QUALIFICATIONS

Registered Landscape Architect NY 002715

ISA Certified Arborist NY5243A



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www.lweanerasassociates.com info@lweanerasassociates.com

EDUCATION

Master of Landscape Architecture
Cornell University

Bachelor of Arts: English
Certified Apprenticeship: Permaculture Design
Penn State University

Continuing Education in Horticulture
New York Botanical Garden

Coursework in Civil Engineering
West Chester Community College

Coursework in Holistic Studies
Omega Institute for Holistic Studies

PRIOR WORK EXPERIENCE

Associate, Senior Project Manager, Designer
Margie Ruddick Landscape

Landscape Architect II
NYC Parks

Designer, Project Manager
Evan C. Lai Landscape Design

Certified Arborist, Community Service
Village Tree Board

Certified Arborist, Gardener
Cabbage Hill Farm

Certified Arborist, Project Manager, Sales
SAVATREE

Yard Manager, Project Manager, Sales
Troy's Garden Nursery



Resume of Louis LaBonte Asst. Branch Manager



PROFESSIONAL EXPERIENCE:

Ruppert Landscape, Inc. - Gainesville, VA

- Asst. Branch Manager: 2021-Present
Responsibilities and Skills: Manages planning, budgeting and personnel development within the branch as well as ensuring customer satisfaction. Ultimately responsible for the construction of landscape, irrigation, and hardscape projects throughout the DC/Northern Virginia market. This includes quality control, field reporting, accurate job cost analysis, labor hour management, customer service, safety, and subcontract management.
- Business Developer: 2020-2021
Responsibilities and Skills: Creates opportunities to bid new landscape construction projects and accurately estimates the scope of work. Arrange and lead meetings with current and potential clients.
- Project Manager: 2020
Responsibilities and Skills: Manages all aspects of multi-million dollar and multi-scope landscape and hardscape construction projects. Oversees multiple crews simultaneously. Effectively and constantly communicates with customers, actively presents and solves problems, tracks and completes submittals, leads quality control, field reporting, subcontractor management, safety, and customer satisfaction.

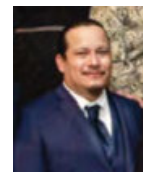
EDUCATION:

- George Mason University: Masters in Ed. - Administration, Supervision, and Instruction
- Rhode Island College: Bachelor of Arts - Secondary Education & Political Science

KEY PROJECTS AND ACCOMPLISHMENTS:

- Project Name: Robinson Landing **Client:** Donohoe Construction Completion Date: Fall 2020
- Scope of Work: Concrete Flatwork, Masonry, Earthwork, Irrigation, Unit Pavers, Drainage, Structural Fill, Sod, Landscaping, Misc. Metals, Artificial Turf.
- Contact: Neal Frumkin **Client:** Clark/Smoot/Consigli Completion Date: Fall 2023
- Phone Number: 202-409-1914
- Project Name: National Air and Space Museum, Washington, DC
- Scope of Work: Landscape, Irrigation, Concrete Flatwork, Craning, Lightweight Fill, Earthwork, Drainage.
- Contact: Mac Naeemi
- Phone Number: 202-409-0160

Resume of Edwin Reyes Field Manager



PROFESSIONAL EXPERIENCE:

Ruppert Landscape, Inc. - Gainesville, VA

- Field Manager: 2011-Present
Responsibilities and Skills: Manages Ruppert personnel and subcontractors, operates and maintains assigned equipment, receiving all project materials, communicating with clients, tracking of production hours and completing work on schedule. Quickly and effectively presenting and solving problems in the field by supporting the general contractor and the owner. Building and coordinating complex, demanding landscape and hardscape project on short and challenging timelines.

CERTIFICATIONS:

- Rigger Certification, OSHA 30, and Flagger Certification

KEY PROJECTS AND ACCOMPLISHMENTS:

- Project Name: Boro A/B **Client:** Clark Construction Completion Date: 2019
- Scope of Work: Earthwork, bio-retention, lightweight soils, pavers, landscape, irrigation, site furnishings, artificial turf, bocce courts, greenroofs, rooftop pavers.
- Contact Person: Maggie Grady
- Phone Number: 301-708-6590
- Project Name: Boro C **Client:** Skanska Completion Date: 2019
- Scope of Work: Earthwork, bio-retention, lightweight soils, granite, concrete, pavers, landscape, irrigation, site furnishings, artificial turf, bocce courts, play surfaces, greenroofs, and rooftop pavers.
- Contact Person: Darick Edmond
- Phone Number: 301-276-1798
- Project Name: Art Place at Fort Totten **Client:** Foulger Pratt Completion Date: 2016
- Scope of Work: Earthwork, site work, landscape, irrigation, lightweight soils, concrete, pavers, artificial turf, bocce courts, and site furnishings.
- Contact: Brook Foster
- Phone Number: 301-370-8616



SECTION 5: WORK SAMPLE



PENINSULA ESPLANADE PLANTING RENOVATION

Location: Sussex County, Delaware



Purpose of the Landscape Assessment

The Peninsula on the Indian River Bay is an all-inclusive, world-class resort community which opened around 2007. In the fifteen years of existence, the community landscape has matured and evolved. Today, there are many successes which provide a strong basis with which to build upon, while there are also conditions which the Homeowners Association recognizes should be addressed.

Methodology

Existing conditions information was collected from several sources. The original design drawings were used to evaluate the original landscape concept for the project area. However, they do not reflect the as built conditions on the site because the original plantings were modified during construction in some locations, and many changes have been made over time due to maintenance needs and as tree canopy has matured and planting composition has changed.

The Peninsula Homeowners Association indicated that as built plans were not available for this project. Therefore, LSG collected a significant amount of video of the site during a December 2021 site visit. This includes footage taken at ground level facing both north and south from each travel lane as well as aerial footage taken by a drone aircraft. We used this information, supplemented by Google Maps aerial imagery in limited locations, to prepare an approximation of the as built conditions for use as base information for the renovation concept.

Community Character

The Peninsula is east of Millsboro, Delaware and located directly on the Indian River Bay, an inland bay west of barrier islands. The proximity to the Atlantic Ocean affords a relatively balmy climate and the community falls within the USDA Hardiness Zone 7b. The community website notes the distinguished, high-quality residences which have been thoughtfully designed to preserve the natural beauty of the surroundings. The experience of passing through the entry corridor and along the gently winding Esplanade compliments and reinforces that of its environment, homes, and amenities. Sidewalks run along the everywhere north and south Esplanade except between Shadeland and North Nicklaus Avenues. The walk occurs as cart path between South Nicklaus Avenue and Sterling Boulevard.

V. WORK SAMPLE



Project Location & Orientation

Both homeowners and visitors enter via a western 500-foot gate house and area lushly planted on tiered walls, and then continues eastward through the community along the Esplanade spine road. The Esplanade's western half, called Phase 1A during construction, is 3,150 linear feet measured through the centerline of the median island. After passing through the entry gate, roads passed in order are Stillwaters Drive and Preservation Drive before entering a large roundabout with a central water feature which is intersected by Nicklaus Avenue running north and south. Continuing east on the Esplanade, the half east of the roundabout is 3,300 linear feet and one road, Medallion Avenue, is passed before reaching the terminus at Sterling Boulevard.

Tiered walls are located at each intersection to identify the adjacent neighborhoods beyond. From west to east, these include Salside (north) and Still Waters (south), The Mooring (north) and Conservancy (south), Marina Bay (north) and Veranda (south), and Lakeside. Note that entry signs for Wind-swept and Clubhouse at the far east end are located beyond this project's limits.

The Esplanade is comprised of three zones along its length: a median varying from a typical width of 20 to 50 feet wide, but 12 feet at the narrowest and 70 feet at the widest between east and west-bound lanes. In the phase 1A segment, the landscape zone on the north side of the Esplanade varies from 30 to 70 feet deep and is bounded by a large pond at golf course hole 13 and homes. The southern side along phase 1A varies generally from 30 to 100 feet deep and is bounded mostly by homes except for a grassy open area and, just prior to the roundabout, golf course hole 3. The southern side east of the roundabout is completely bounded by golf course holes 3 and 1. Along the northern side east of the roundabout is bounded by golf course hole 11, a pond, houses, another pond, and then the community pool and beach complex. The golf course and pool complex grounds are not HOA property and are managed separately from the Esplanade.

Limitations of Site Assessment

The client-initiated project start was in late fall 2021. LSG's site visit occurred while plants were dormant which allowed for a good visualization of trees and certain plants to help understand their location, but not a health assessment since foliage was not present at the time. Also, herbaceous perennials generally were lacking above ground material, so it was not always fully evident if beds were bare or just contained dormant plants.

Landscape Conditions Assessment

Generally, the trees along the entry and Esplanade have established well and range from about 75 to 100% of their mature size. They mostly appear to be in good health. In limited areas, individual trees have died or otherwise been removed. The trees are most regimented in the gate area, where willow oaks are evenly spaced and have created a fairly dense canopy. Each sign wall includes three or four flowering trees which provide a good scale. In all other areas, a mix of shade type and flowering trees form naturalistic groupings or individual specimens scattered along the Esplanade. Evergreen trees occur along the outer edges on the north and south sides of the road.

Irrigation does not exist in any landscape beds in this project area, except for an elevated bed adjacent to the entry gate house which is not currently in use.

Plantings are more formal throughout the gate area median and at each intersection. Annuals are planted at the end of each median, with groundcovers beyond and stands of ornamental grasses, many of which contain many bare spots.

Along the length of road, the original design provided layered massings of different textured shrub, perennial, and grasses interspersed through turfgrass. It is apparent that over time certain plant types have not performed well, either due to improper soil moisture or disease, or both. As a result, there are significant bare areas comprised only of mulch, or beds containing many missing plantings.

In some locations, shrubs have become too tall. Numerous utility structures, such as transformers and electric panels, are unattractive elements not adequately screened by plant materials, though it is unclear what restrictions on planting might exist due to easements, etc.

The HOA has undertaken certain landscape renovation projects in recent years. The biggest example is a major overhaul of plantings within the central roundabout. Another is a smaller roundabout beyond this project's area on Islander Drive, just off of Medallion Avenue. The HOA has also indicated that, as the community gets closer to buildout, the area used for construction staging south of the entrance area will be decommissioned and a second entrance is being considered but not yet designed.



V. WORK SAMPLE

Renovation Recommendations

The most important step in addressing the current shortcomings in the landscape is to fill in plantings which today contain large areas of bare mulch that are highly visible from the road. In general, the HOA does not want to expand the area of planting beds but reducing them is acceptable if needed. Because irrigation does not exist in the beds themselves but does for turf area, turf irrigation zone adjustment will be needed so we have recommended minimal changes to existing bed extents.

The second priority is to replace limited plant groupings which are sparse and / or appear to have poor appearance, low vigor, or declining health. In general, our recommendations for individual plant massing scale, layering, and type is optimized towards visibility of vehicles driving by at the posted speed limit of 22 miles per hour. This means the typical condition outside of the gate area includes three layers of types which provide contrasting texture, with the lowest height plants in front. Where screening of homes can be improved in existing beds, we have specified taller shrubs, usually evergreen type, as the rear most layer. In highly visible areas, particularly in medians and at intersections, we have recommended a combination of some low to median height evergreens, grasses, and flowering shrubs or perennials.

Where the plants existing next to a bare area appear to be doing well, we can assume the bare area contained a plant which did not perform well over time and it is appropriate to supplement this with the adjacent plant type. In other cases, it is important to evaluate the amount of sun or shade currently available at the bare area and select drought tolerant species which compliments the existing composition to fill in. It is acceptable for the contractor selected to install the plantings to recommend alternative plant types which fit these criteria, are expected to have reliable performance under the same conditions, and are commercially available.

The contractor selected for your installation project should evaluate the soil texture (sand, silt, and clay ratio), salinity, compaction, and fertility where beds are currently bare or plants are performing below expectations because it is likely that a deficiency in one of these areas is contributing to poor performance. Soil tests are achieved by sampling several locations within a large bed and submitting to a testing lab such as Waypoint Analytical. The testing lab will include amendment recommendations based on the planting type (turf or ornamental plant) intended where the sample was taken. The contractor should still provide some interpretation as to why results may indicate a particular problem, and recommend remediation prior to installing new plants. It is possible in some locations that deicing salts from roadways have been plowed into beds adjacent to the road and over time accumulated to the point that new plantings will have difficulty surviving or doing well. In those cases, soil may need to be removed and replaced or heavily amended, and future plowing strategies evaluated to prevent recurrence.



PLANT SCHEDULE

PLANT SCHEDULE							
TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	TYPE	SPACING	REMARKS
AA	7	AMELANCHIER ARBOREA	ALABAMA SERVICEBERRY	10'-12' HT.	B & B	AS SHOWN	7-10 STEMS, MATCHED SPECIMENS
LN	9	LAGERSTROEMIA NATCHEZ	NATCHEZ CRAPE MYRTLE	10' HT.	B & B	AS SHOWN	5-7 STEM, MATCHING SPECIMENS
LI	3	LAGERSTROEMIA INDICA X FAURIEI TUSCARORA	TUSCARORA CRAPE MYRTLE	10' HT.	AS SHOWN	AS SHOWN	5-7 STEMS, MATCHED SPECIMENS
MV	6	MAGNOLIA VIRGINIANA	SWEETBAY MAGNOLIA	8-10' HT.	B & B	AS SHOWN	3-5 STEMS, MATCHED SPECIMENS
PT	3	PINUS TAEDA	LOBLOLLY PINE	10'-12' HT.	B & B	AS SHOWN	FULL, MATCHED
SHRUB AREAS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	TYPE	SPACING	REMARKS
AG2	242	ABELIA X GRANDIFLORA	GLOSSY ABELIA	30-36"	CONT.	60" O.C.	MATURE
HP	415	HYDRANGEA PANICULATA PINK-F TM	BABY LACE ROYAL MAJESTICS HYDRANGEA	#5	CONT.	54" OC	WELL ROOTED
HO	57	HYDRANGEA QUERCIFOLIA SNOW QUEEN	SNOW QUEEN OAKLEAF HYDRANGEA	36-42"	B&B	48" OC	FULL AND DENSE
HH	143	HYPERICUM X 'HIDCOTE'	HIDCOTE ST. JOHN'S WORT	30-36"	CONT.	48" OC	MATURE
IV	241	ILEX VERTICILLATA 'RED SPRITE'	RED SPRITE WINTERBERRY	24" - 30" HT.	B&B	36" O.C.	FULL AND DENSE, INCL. MALE AT 1:6 RATE
JC2	21	JUNIPERUS CHINENSIS 'SARGENTII'	SARGENT JUNIPER	18-24" HT.	CONT.	48" O.C.	FULL AND DENSE
JC	176	JUNIPERUS CONFERTA 'BLUE PACIFIC'	BLUE PACIFIC SHORE JUNIPER	18-24"	CONT.	24" O.C.	FULL AND DENSE
KL	151	KALMA LATIFOLIA 'OLYMPIC FIRE'	MOUNTAIN LAUREL	36" HT.	CONT.		FULL AND HEAVY
EXS	3,831 SF	MATCH EXISTING SHRUBS	MATCH EXISTING SHRUBS	-			
MP	257	MYRTICA CERIFERA	WAX MYRTLE	24" - 30" HT.	B&B	48" O.C.	FULL AND DENSE
ND1	134	NANDINA DOMESTICA 'GLEF STREAM'	COMPACT HEAVENLY BAMBOO	27	B&B	42" OC	FULL AND DENSE
PL	120	PRUNUS LAUROCERASUS 'OTTO LUYKEN'	OTTO LUYKEN ENGLISH LAUREL	24" - 30" HT.	B&B	48" O.C.	FULL AND DENSE
PS	76	PRUNUS LAUROCERASUS 'SCHIPKENSIS'	SCHIPKA ENGLISH LAUREL	60" HT.	B&B	60" O.C.	FULL AND DENSE
RA2	61	RHUS ARBORESCENS	FRAGRANT SUMAC	5 GAL	CONT.	60" O.C.	WELL ROOTED
SPI	710	SPIRAEA THUNBERGII 'MELLOW YELLOW TM	MELLOW YELLOW SPIREA	30-36"	B&B	36" O.C.	FULL AND DENSE
SAG	213	SPIRAEA X BUMALDIA 'ANTHONY WATERER'	ANTHONY WATERER BUMALD SPIRAEA	30-36"	CONT.	42" OC	FULL TO GROUND
VD	9	VIBURNUM OLATATUM 'IROQUOIS'	IROQUOIS LINDEN VIBURNUM	48-60"	B&B	48" O.C.	FULL AND DENSE
VR	28	VIBURNUM RHYTHYDOPHYLLUM	LEATHERLEAF VIBURNUM	30-36"HT	CONT.	60" O.C.	FULL TO GROUND
GROUND COVERS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	TYPE	SPACING	REMARKS
ANN	1,132 SF	ANNUALS	ANNUALS	FLAT			
GRASSES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	TYPE	SPACING	REMARKS
CRF	2,002 SF	CALAMAGROSTIS X ACUTIFLORA KARL FOERSTER	KARL FOERSTER FEATHER REED GRASS	5 GAL	CONT.	24" O.C.	MATURE, WELL ROOTED
EXG	1,885 SF	MATCH EXISTING GRASSES	MATCH EXISTING GRASSES	NONE			
MSA	97 SF	MISCANTHUS SINENSIS 'ADAGIO'	ADAGIO EULALIA GRASS	5 GAL	CONT.	36" O.C.	MATURE, WELL ROOTED
MSG	1,201 SF	MISCANTHUS SINENSIS 'GRAZIELLA'	GRAZIELLA EULALIA GRASS	5 GAL	CONT.	42" OC	MATURE, WELL ROOTED
MUC	1,884 SF	MUHLENBERGIA CAPILLARIS	PINK MUHLY GRASS	5 GAL	CONT.	18" O.C.	MATURE, WELL ROOTED
PCN	1,902 SF	PANICUM VIRGATUM 'CLOUD NINE'	CLOUD NINE SWITCH GRASS	1 GAL	CONT.	36" O.C.	MATURE, WELL ROOTED
PHI	1,549 SF	PANICUM VIRGATUM 'HAENSE HERMS'	HAENSE HERMS SWITCH GRASS	#1	CONT.	36" O.C.	MATURE, WELL ROOTED
PVS	3,233 SF	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCH GRASS	5 GAL	CONT.	36" O.C.	MATURE, WELL ROOTED
PAH	294 SF	PENNISETUM ALOPECUROIDES 'HAMELEN'	HAMELEN FOUNTAIN GRASS	5 GAL	CONT.	18" O.C.	MATURE, WELL ROOTED
POR	540 SF	PENNISETUM ORIENTALE	ORIENTAL FOUNTAIN GRASS	5 GAL	CONT.	24" O.C.	MATURE, WELL ROOTED
PERENNIALS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	TYPE	SPACING	REMARKS
AMS	300 SF	ACHILLEA MILLEFOLIUM 'SUMMER PASTELS'	SUMMER PASTELS MIX COMMON YARROW	1 GAL	CONT.	18" O.C.	MATURE, WELL ROOTED
EPP	1,976 SF	ECHINACEA PURPUREA 'PICA BELLA'	PICA BELLA PURPLE CONEFLOWER	#1	CONT.	18" O.C.	MATURE, WELL ROOTED
EDL	680 SF	EUPATORIUM DUBIUM 'LITTLE JOE'	JOE PYE WEEED	1 GAL	CONT.	24" O.C.	MATURE, WELL ROOTED
GR	787 SF	GERANIUM X 'ROZANNE'	ROZANNE CRANESBILL	#1	CONT.	18" OC	MATURE, WELL ROOTED
HCB	914 SF	HEUCHERA 'CORAL BELLS'	CORAL BELLS HEUCHERA	#2	CONT.	18" O.C.	MATURE, WELL ROOTED
HMB	328 SF	HEMOCIS MOSCHEUTOIS 'LORD BALTIMORE'	LORD BALTIMORE ROSE MALLOW	1 GAL	CONT.	24" O.C.	MATURE, WELL ROOTED
HC	3,018 SF	HYPERICUM CALYCONUM	CREeping ST. JOHN'S WORT	1 GAL	CONT.	24" O.C.	MATURE, WELL ROOTED
LMB	298 SF	LIRIOPE MUSCARI 'BIG BLUE'	BIG BLUE LILYTURF	4" POT	CONT.	12" OC	MATURE, WELL ROOTED
LMW	1,381 SF	LIRIOPE MUSCARI 'MONROE'S WHITE'	MONROE'S WHITE LILYTURF	1 GAL	CONT.	12" O.C.	MATURE, WELL ROOTED
MOF	1,049 SF	MONARDA FISTULOSA	WILD BERGAMONT	#1	CONT.	18" O.C.	MATURE, WELL ROOTED
RGO	2,525 SF	RUDBECKIA FULGIDA 'GOLDSTURM'	BLACK-EYED SUSAN	#1	CONT.	18" O.C.	MATURE, WELL ROOTED
SNO	1,865 SF	SALVIA NEMEROSA 'OSTFRIESLAND'	ORNAMENTAL SAGE	#1	CONT.	18" O.C.	MATURE
YF	502 SF	YUCCA FILAMENTOSA	ADAM'S NEEDLE	3 GAL	CONT.	24" O.C.	MATURE, WELL ROOTED

- NOTES:
1. REFER TO SPECIFICATIONS FOR SUBMITTAL REQUIREMENTS INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING: SOIL ANALYSES AND AMENDMENT RECOMMENDATIONS; SOURCE LIST AND PHOTOGRAPHS FOR INITIAL SELECTION; PHOTOGRAPHS FOR VERIFICATION.
 2. REFER TO SPECIFICATIONS FOR TREE TAGGING REQUIREMENTS.
 3. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
 4. MEET REQUIREMENTS OF ANSI Z60.1, LATEST ADDITION, FOR ALL PLANT MATERIAL.
 5. QUANTITIES GIVEN ARE FOR INFORMATION ONLY. CONTRACTOR IS RESPONSIBLE FOR MEETING THE DESIGN INTENT, AS INDICATED ON PLANTING PLANS.
 6. ALL PLANTS ARE TO BE HEALTHY, FULL, BALANCED, AND EXCEPTIONALLY HEAVY.
 7. PROVIDE TURF PER SPECIFICATIONS IN ALL DISTURBED AREAS NOT OTHERWISE PLANTED OR PAVED.

V. WORK SAMPLE

PLANT BOARD

TREES



SHRUBS



PERENNIALS



GRASSES



BULBS





SECTION 6: APPENDIX

ATTACHMENT A

BUSINESS, PROFESSIONAL AND OCCUPATIONAL LICENSE

All firms located or operating in the Town of Vienna must obtain a Business, Professional and Occupational License (BPOL) as required in the Municipal Code, Article VII and local license tax authorized, Code of Virginia, § 58.1-3700 et seq. **A BPOL license is not required to submit a bid for this effort but will be required prior to award of the contract.**

In order for the Department of Tax Administration to determine BPOL requirement prior to contract award, it is necessary to provide the following information:

- If you currently have a Town of Vienna business license, please submit a copy with your bid/proposal.
- Do you have an office in:

Virginia	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
Town of Vienna	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
- Date business began/will begin work in the Town of Vienna early March, in line with Vienna award

Provide a description of the business activity that will take place in the Town of Vienna:

LSG Landscape Architecture would be contracted to supply landscape architecture services, construction administration and related work pertaining to the RFP 23-26, for Maple Ave. and Church Street streetscapes.
 LSG Landscape Architecture is fully licensed in our home state, Virginia; LSG also holds a BPOL in Fairfax Co.

Connie Fan Digitally signed by Connie Fan
 DN: cn=Connie Fan, o=LSG, ou,
 email=cfan@lsginc.com, c=US
 Date: 2023.02.05 18:11:27 -05'00' 2/5/2023

Authorized Signature Connie Fan **Date**
 President, LSG Landscape Architecture, Inc.

Please return this form and a copy of current Town of Vienna business license in bid/proposal if you have one. Contract award may not be made if omitted. For questions on BPOL, call 703-255-6321.

ATTACHMENT B**State Corporation Commission Form****State Corporation Commission Form Virginia State Corporation Commission (SCC) registration information.**

The bidder:

LSG Landscape Architecture, Inc.

 X is a corporation or other business entity with the following SCC identification number:
#0265387-1

-OR-

 is not a corporation, limited liability company, limited partnership, registered limited liability partnership, or business trust

-OR-

 is an out-of-state business entity that does not regularly and continuously maintain as part of its ordinary and customary business any employees, agents, offices, facilities, or inventories in Virginia (not counting any employees or agents in Virginia who merely solicit orders that require acceptance outside Virginia before they become contracts, and not counting any incidental presence of the bidder in Virginia that is needed in order to assemble, maintain, and repair goods in accordance with the contracts by which such goods were sold and shipped into Virginia from bidder's out-of-state location)

-OR-

 is an out-of-state business entity that is including with this bid an opinion of legal counsel which accurately and completely discloses the undersigned bidder's current contacts with Virginia and describes why those contacts do not constitute the transaction of business in Virginia within the meaning of § 13.1-757 or other similar provisions in Titles 13.1 or 50 of the Code of Virginia.

****NOTE**** >> Check in the following space if you have not completed any of the foregoing options but currently have pending before the SCC an application for authority to transact business in the Commonwealth of Virginia and wish to be considered for a waiver to allow you to submit the SCC identification number after the due date for bids (the Commonwealth reserves the right to determine in its sole discretion whether to allow such waiver):

ATTACHMENT C**PROPRIETARY INFORMATION****Not Applicable to LSG**

Ownership of all data, materials, and documentation originated and prepared for the Owner pursuant to the REQUEST FOR PROPOSAL shall belong exclusively to the Owner and be subject to public inspection in accordance with the Virginia Freedom of Information Act. Trade secrets or proprietary information submitted by an Offeror shall not be subject to public disclosure under the Virginia Freedom of Information Act, however, the Offeror must invoke the protections of Section 2.2-4342F of the Code of Virginia, in writing, either before or at the time the data or other material is submitted. The written notice must specifically identify the data or materials to be protected and state the reasons why protection is necessary. The proprietary or trade secret material submitted must be identified by some distinct method such as highlighting or underlining and must indicate only the specific words, figures, or paragraphs that constitute trade secret or proprietary information.

NOTICE OF PROPRIETARY INFORMATION

Section Title	Page Number	Reason(s) for Withholding from Disclosure
Not Applicable		

Confidentiality References Protection in Accordance with the Code of Virginia,**Section 2.2-4342F NOTICE OF PROPRIETARY INFORMATION (CONTINUED):**

INSTRUCTIONS: Identify the data or other materials to be protected and state the reasons by using the codes listed below. Indicate the specific words, figures, or paragraphs that constitute trade secrets or proprietary materials.

A- This page contains information relating to "trade secrets", and "proprietary information" including processes, operations, style of work, or apparatus, identify confidential statistical data, amount or source of any income... of any person (or) partnership. "See Virginia Public Procurement Act, Section 2.2-4342F. Unauthorized disclosure of such information would violate the Trade Secrets Act 18 U.S.C. 1905.

B- This page contains proprietary information including confidential, commercial or financial information which was provided to the Government on a voluntary basis and is of the type that would not customarily be released to the public. See Virginia Public Procurement Act, Section 2.2-4342F; 5 U.S.C. 552 (b)(4); 12 C.F.R. 309.5(c)(4).

C- This page contains proprietary information including confidential, commercial or financial information. This disclosure of such information would cause substantial harm to competitive position and impair the Government's ability to obtain necessary information from contractors in the future. 5 U.S.C. See Virginia Public Procurement Act, Section 2.2-4342F; 552 (b)(4); 12 C. F. R 309.5(c)(4).

ATTACHMENT D

EXCEPTIONS TO RFP

Name of Offeror: LSG Landscape Architecture, Inc.

Connie Fan

Digitally signed by Connie Fan
DN: cn=Connie Fan, o=LSG, ou,
email=cfan@lsginc.com, c=US
Date: 2023.02.05 18:14:47 -05'00'

RFP Title: RFP 23-26 Maple Avenue and Church Street Streetscape

Please list any deviations to RFP specifications below:
Not Applicable.

Section Title	Page Number	Explanation of exception and any proposed language
NONE		



Purchasing Office

January 26, 2023

ADDENDUM No. 1 TO ALL OFFERORS:

Request for Proposal: RFP # 23-26

Description: Maple Avenue & Church Street Streetscape

RFP Issue Date: January 12, 2023

Proposal Due Date: February 6, 2023

A REVISED RFP WITH CORRECTIONS HAS BEEN POSTED.

The following questions were received for the referenced request for proposal (RFP) as follows:

1. What is the measurement of the planters?

Answer:

Maple Avenue - there are 81 planters with a total area of 14,332 square feet. Collectively, the planters are 3,583 feet in length and are 4 feet wide. The plantable area is 10,204 square feet and assumes no plants will be installed within 4 feet of a tree trunk. The plantable area calculation includes the space occupied by utility poles, utility boxes, irrigation components, streetlamps, etc.

Church Street - there are 46 planters with a total area of 4,159 square feet. Collectively, the planters are 1,084 feet in length and are 3 or 4 feet wide with two exceptions. The plantable area is 3,327 square feet and assumes no plants will be installed within 4 feet of a tree trunk. The plantable area calculation includes the space occupied by utility poles, utility boxes, irrigation components, streetlamps etc.

2. What is the duration and how frequently are the planters irrigated?

Answer: This can be adjusted, don't use watering as a limitation in your plan.



Purchasing Office

3. Is there structural soil in the planters?

Answer: No for both Maple and Church (Maple Ave sidewalk – slab on grade, no structural soil).

4. What do you mean by work sample?

Answer: Examples of past work and proposed design.

5. What are the maintenance expectations?

Answer: We're looking for plants (shrubs, grasses, herbaceous perennials, etc.) with growth habits that won't outgrow the space of the planters and that don't have to be shaped/sheared multiple times per year. Sight line visibility of cars, pedestrians & businesses are important to consider in the design.

6. Who is responsible for removing and planting the trees?

Answer: The Town will remove and plant any trees as part of this project.

7. When will irrigation be complete on Church Street?

Answer: It will be complete prior to streetscape plant installation.

8. What is the warranty for the work?

Answer: One year from approval.

9. How many times is there engagement meetings?

Answer: Once with the business community, once with town council.

10. Has soil testing been done?

Answer: No.

11. Is a maintenance manual required?

Answer: No.

12. Native plants?

Answer: Native plants are preferred however they are not required. Definitely avoid the use of non-native invasive plants that are listed on the Virginia Department of Conservation and Recreation and the Virginia Native Plant Society invasive plant species lists. Resilient and attractive plants are paramount.



Purchasing Office

13. Is this a design & build RFP?

Answer: Yes

14. Task 6 refers to selecting a subcontractor in conjunction with the Town. This seems to contradict the intent of the RFP to have this information provided with RFP submission.

Answer: Task 6 has been updated to eliminate this request.

15. Task 7 is confusing as it refers to additional payment for services while the intent of the RFP is that all expenses are included with the RFP submission.

Answer: Task 7 has been updated to remove references to payment.

16. Are samples of both design options for Church Street and Maple Avenue required to be included with the RFP submission?

Answer: Yes.

17. In the Evaluation Criteria, section 3, is a work sample required to be submitted.

Answer: Yes

Note: A signed acknowledgment of this addendum shall be received as part of your proposal package. Signature on this addendum does not substitute for your signature on the original RFP document. The original proposal document must be signed.

Very truly yours,

Jerry Amacker, CPPB, VCO, VCA
Procurement Officer
jerry.amacker@viennava.gov
Phone: 703-255-6359

Name of Firm

Connie Fan

Digitally signed by Connie Fan
 DN: cn=Connie Fan, o=L5G, ou,
 email=cfan@lsginc.com, c=US
 Date: 2023.01.29 22:10:03 -05'00'

Signature/Title Date



Purchasing Office

January 27, 2023

ADDENDUM No. 2 TO ALL OFFERORS:

Request for Proposal: RFP # 23-26

Description: Maple Avenue & Church Street Streetscape

RFP Issue Date: January 12, 2023

Proposal Due Date: February 6, 2023

A REVISED RFP WITH CORRECTIONS HAS BEEN POSTED.

The following questions were received for the referenced request for proposal (RFP) as follows:

1. Will the successful proposal include and be based on the final installation pricing?
Answer: No. Do not include pricing in the proposal you submit. This is not a bid.
2. Will the final budget be determined after the winning proposal is accepted and after the design review process?
Answer: The Town of Vienna already has a budget for this project. Once proposals are reviewed and a firm is selected, the Procurement Officer will request from that firm, their pricing proposal for this work. If it fits within the Town's budget; fine. If it is out of our budget range, the Procurement Officer and the department will attempt to negotiate a price that fits within our budget. If an agreement can't be reached, negotiations will stop and the Town will move to the second highest rated firm and start this process with them. This is straight out of the Virginia Public Procurement Act.

Note: A signed acknowledgment of this addendum shall be received as part of your proposal package. Signature on this addendum does not substitute for your signature on the original RFP document. The original proposal document must be signed.

Very truly yours,

Jerry Amacker, CPPB, VCO, VCA



Purchasing Office

Procurement Officer
jerry.amacker@viennava.gov
Phone: 703-255-6359

Name of Firm.

Connie Fan

Signature/Title Date

Digitally signed by Connie Fan
DN: cn=Connie Fan, o=LSG, ou,
email=cfan@lsginc.com, c=US
Date: 2023.02.05 18:10:44 -05'00'



DEPARTMENT OF ENVIRONMENTAL SERVICES
Transportation Planning and Capital Projects Management Bureau

2100 Clarendon Boulevard, Suite 900, Arlington, VA 22201
Phone: 703-228-3681 | Fax: 703-228-7548
www.arlingtonva.us

May 2, 2022

Ariel Yang, AICP
Capital Projects Management Coordinator
Arlington County Department of Environmental Services
2100 Clarendon Boulevard, Suite 900
Arlington, VA 22201

Bernadette Gullon, RLA
Landscape Architect Supervisor
Department of Parks and Recreation
2100 Clarendon Boulevard, Suite
Arlington VA 22201

RE: LSG Landscape Architecture, Inc.
Offeror for RFP No. 22-DPR-RFP-666
Arlington County Department of Parks and Recreation

Dear Ms. Gullon:

I am pleased to extend this letter recommending LSG Landscape Architecture to you, particularly in the context of task order contracts for design and construction of DES Transportation Division's complete streets project on South Eads Street in Crystal City.

In their work for DES, LSG has responded to similar requirements outlined in the RFP #22-DPR-RFP-666 Landscape Architectural Services for DPR.

- Design development of South Eads Street Complete Streets Project
- Schematic design studies and coordinating with adjacent DPR project
- Stormwater Management Best Management Practices
- Preparation of construction drawings and construction estimates
- DES permitting process
- Utility surveys
- Assistance with presentation, meeting preparation, and negotiation with developer

LSG has provided thoughtful and conscientious design services to Arlington County. I believe you will be pleased with their performance. Please contact me by email at ayang@arlingtonva.us or phone at (703) 228-4019.

Sincerely,

A handwritten signature in blue ink that reads 'Ariel Yang'.

Ariel Yang, AICP
Capital Projects Management Coordinator

AWARDS

2022

HHMI Janelia Research Campus, Playground, Ashburn, VA
 American Society of Landscape Architects, (ASLA), Virginia Chapter: Commendation
 Midtown Row, Campus Adjacent Housing/Retail, Williamsburg, VA
 Hampton Roads Assoc. Comm. Real Estate (HRACRE), Bonstra Haresign team w/LSG, Award of Excellence
 Frederick Douglass Park on the Tuckahoe, Talbot County, MD
 American Society of Landscape Architects, (ASLA), Potomac Chapter: Master Planning
 HHMI Janelia Research Campus, Playground, Ashburn, VA
 American Society of Landscape Architects, (ASLA), Potomac Chapter

2022 [awarded 2022 – competition 2021 award cycle]

Rosslyn Highlands Park, Queens Court, Arlington, VA
 Arlington Co., Virginia. Biennial awards, Design Arlington 2021: Honorable Mention, New Construction.
 Purcell Park Masterplan, Harrisonburg, VA
 American Society of Landscape Architects, (ASLA), Virginia Chapter: **Merit** Award for Planning
 Lewinsville Intergenerational Center, McLean, VA
 American Society of Landscape Architects, (ASLA), Virginia Chapter: **Commendation Award**

2021

AC Hotel by Marriott, Washington, DC
 American Institute of Architects (AIA), Washington DC Chapter: **Design** Award for Architecture
 AC Hotel by Marriott, Washington, DC
 NAIOP Commercial Real Estate Development Association, DC/MD Chapter: Award of Excellence, Best 2020
 North County Regional Park, Caroline County, Maryland
 American Society of Landscape Architects, Maryland Chapter: Traveling Award of Innovative Excellence, Analysis and Planning
 Leidos Global Headquarters, Reston Town Center, Reston, Virginia
 Fairfax Co., Virginia, James M. Scott Exceptional Design Awards: Honorable Mention for Commercial Design Excellence

2019

The Signature at Reston, Reston, Virginia
 American Institute of Architects (AIA), Washington DC Chapter: **Design** Award for Architecture

2018

Two Merriweather, Columbia, Maryland
 American Institute of Architects (AIA), Baltimore Chapter: Honorable Mention Award, Excellence in Design
 Eliot on 4th, Washington, DC
 American Society of Landscape Architects, Virginia Chapter: Honor Award for Residential Design

2017

The Perry, Park Potomac Master Plan, Montgomery County, MD
 American Society of Landscape Architects, Virginia Chapter: Commendation for Residential Design
 Weaving Culture Through The Landscape: TATA Consultancy Services, Nagpur, India
 American Society of Landscape Architects, Maryland Chapter: Merit Honor Award for Built Design
 A Community's Relationship with Water: Congress Heights Park, Washington, DC
 American Society of Landscape Architects, Maryland Chapter: Honor Award

2016

Janelia Research Campus, Ashburn, VA

American Society of Landscape Architects, Virginia Chapter: Presidential Award of Excellence

2015

Janelia Research Campus, Greenroof Replacement, Ashburn, VA

ASLA, Maryland Chapter: Merit Award in Design Category, Travelling Award for Innovative Design

Qianjiang Civil Center, Zhejiang Province, P.R.China

ASLA, Maryland Chapter: Merit Award in Planning Category

Ashby Ponds, Ashburn, Virginia

ASLA, Virginia Chapter: Commendation Award in Design Category

East Market at Fair Lakes, Phase III

County of Fairfax: Tree Conservation Awards: Outstanding Commitment to Tree Planting.

2014

Sibley Hospital, Washington DC

American Society of Landscape Architects, Maryland Chapter: Merit Award

Dongguan Nancheng International Business District, Guangdong Province, P. R. China

American Society of Landscape Architects, Potomac Chapter: Honor Award

2013

Long Bridge Park, Arlington County, VA

American Society of Landscape Architects, Potomac/MD Chapters: Merit Award

Arlington Mill, Arlington County, VA

Best of NAIOP Northern Virginia, Institutional Facility, \$20m and above

Howard Hughes Medical Institute, Janelia Farm Research Campus, Ashburn, VA

Finalist, ASLA national, general design category

2012

Haining Juan Park, Zhejiang Province, China

American Society of Landscape Architects, Potomac/MD Chapters: Merit Award

2011

East Gate Retail B&D, Loudoun County, VA

US Green Building Council, Maryland Chapter: Sustainable Buildings Core & Shell Award

Goodwin House, Arlington, VA

County of Fairfax: Land Conservation Awards: Tree Preservation and Planting in the Multi-Family Residential Category.

Park Crest I and the Lofts at Park Crest, Park Crest, Tysons, VA

American Society of Landscape Architects, Virginia Chapters: Merit Award.

Town Point Park, Norfolk, VA

ASLA, Virginia Chapters: Merit Award. (Also, ASLA, Potomac/MD Chapters: Merit Award, 2009, and The Hampton Roads Association for Commercial Real Estate (HCACRE): Excellence in Development Design Award for Best Landscape Design and Best Recreation/Entertainment/Hospitality, 2010)

2010

Janelia Farm Research Campus, Ashburn, VA

Metropolitan Washington and Virginia Chapters of Associated Builders and Contractors: Certificate of Merit for Excellence in Construction, 2010

American Society of Landscape Architects, Potomac/MD Chapters: Honor Award. 2008

2009

The Aquary Outdoor Interpretive Area, Ashburn, VA

5th Annual Signatures of Loudoun Design Excellence Pace Setters Award.

Morningside Bus Shelter, Leesburg, VA
 The Joint Architectural Review Board Preservation Awards
 Sterling Park Business Center II, Sterling, VA
 Real Estate & Construction Review Building of America Award.

2008

The Aquary Outdoor Interpretive Area, Ashburn, VA
 American Society of Landscape Architects, Potomac/MD Chapters: Traveling/Design Excellence Award
 American Speech-Language-Hearing Association Headquarters, Rockville, MD
 MD/DC National Association of Industrial and Office Properties: Award of Excellence, Best Suburban Office, Over 4 Stories

2007

Courtyard at Middleburg, Middleburg, VA
 Buildings Magazine, Project Innovations Award,.
 The Peninsula on the Indian River Bay, Millsboro, DE
 ASLA, Pennsylvania/Delaware Chapter: Award of Merit, Special Achievements in Overall Amenities/Environment for an Existing Community, Golf Course, 2006;
 Special Achievements in Existing Resort Community, Lakeside Village, 2006;
 Honorable Mention, Site Land Planning over 250 acres, Lakeside Village, 2006.
 Maryland-National Capital Building Industry Assoc., Environmental Awards: Land Development, 2006
 Golf, Inc. Magazine: Private Club and Community, Development of the Year, 2006
 Finest for Family Living Monument Awards
 Major Achievement in Marketing Excellence Award (MAME): Master Planned Community on the Eastern Shore, 2005
 Home Builders Association of Delaware Regal Awards:
 Single-Family Resort Community of the Year, 2004;
 Multi-Family Resort Community of the Year, 2004.
 Midtown Reston, Reston, VA
 Maryland-National Capital Building Industry Association
 Major Achievement in Marketing Excellence Award (MAME): Community of the Year, Multi-Family Condominium, (also Award of Merit, Multifamily Condo, any price, 2005).

2006

Germantown Indoor Swim Center, Boyds, MD
 Mid-Atlantic Construction Best of 2006 Award: Award of Merit, Sports.
 Lakeside at Loudoun Tech Center, Loudoun County, VA
 "Signatures of Loudoun" Design Excellence Program: Pace Setters.
 Odyssey Condominium, Arlington, VA
 Mid-Atlantic Construction Best of 2006 Awards: Winner, High-Rise Residential;
 National Association of Industrial and Office Properties: Award of Recognition.

2005

Chestnut Lodge, Rockville, MD
 American Planning Association, National Capital Area Chapter: Honorable Mention for Adaptive Reuse of an Historic Property
 Lansdowne on the Potomac, Lansdowne, VA
 Winner, Site Land Planning over 250 acres, 2005.
 Winner, Community of the Year for Over 300 Units, 2005.
 Northern Virginia Building Industry Association: Best New Resort Community, 2001
 Metropolitan-Washington Building Industry Association:
 Best Planned Community Landscaping;

Special Achievements in Overall Amenities/Environment of an Existing Community, Special Achievements in Existing Resort Community.

Major Achievement in Marketing Excellence Award (MAME):

Award of Merit, Master Planned Community Landscaping, 2002;

National Capital Chapter, American Concrete Institute: Award of Excellence for the Cotton Bridge, 2003

National Commercial Builders Council Award: Winner – Project Division III – Recreational – For the Historic Renovation and Preservation of the Potomac Club, 2003

MITRE Headquarters, McLean, VA

National Assoc. of Industrial and Office Properties: Award of Excellence, Best Building, Mid Rise (4-7 stories), (also, Award of Excellence, Best Building, Build to Suit 150,000 square feet and above, 2001.)

Prison Fellowship Ministries, Loudoun County, VA

National Association of Industrial and Office Properties: Award of Excellence, Best Building (4-7 stories).

Prosperity Professional Center, Fairfax County, VA

Fairfax County Tree Preservation Award

Wildewood, Orchard Park, California, MD

Finest for Family Living Monument Awards: Award of Merit, Site Planning 10-50 acres,.

The Whitney at Bethesda Theatre, Bethesda, MD

Finalist, National Homebuilders Pillars of the Industry for Best High-rise, 2005. Also, Finest for Family Living Monument Awards: Winner, Rental Units, High-rise, 2004

2004

Human Genome Sciences Headquarters, Rockville, MD

National Assoc. of Industrial and Office Properties: Award of Excellence, Best Corporate Build-to-Suit Suburban

2003

City of Hopewell Downtown Revitalization Plan, Hopewell, VA

Virginia Downtown Development Assoc.: Award of Excellence, Downtown Public Improvement and Planning

Manassas Park Center Urban Design Concept & Design Standards, Manassas Park, VA

Outstanding Plan, American Planning Association, Virginia Chapter.

Lansdowne on the Potomac, Lansdowne, VA

Finest for Family Living Monument Awards: Winner, Master Planned Community Landscaping, (also 2004, 2005;)

Winner, Special Achievements in Overall Amenities/Environment in an Existing Community, 2004;

Maple Avenue Streetscape, Vienna, VA

Community Appearance Alliance of Northern Virginia: Award for Phase II

2002

Lincoln Place, Arlington, VA

Award of Excellence, Best Building, Build to Suit under 150,000 sq.ft. 2002.

National Association of Industrial and Office Properties: Winner, Urban Office Complex, 1989.

Loudoun County Government Support Center & Philip A. Bolen Memorial Park, Leesburg, VA

American Society of Landscape Architects, Virginia Chapter: Honor Award, Planning.

South Germantown Recreational Park, Boyds, MD

NACPRO 2000: Best Recreational Park Award

ASLA, Potomac and Maryland Chapters: Innovative Design for Excellence,.

2001

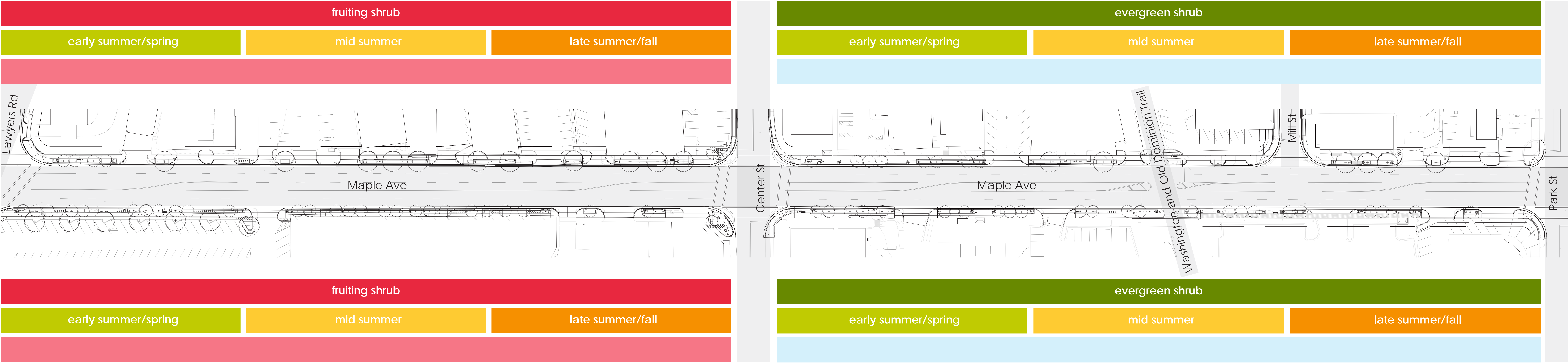
Lakeside at Loudoun Tech Center, Loudoun County, VA

National Association of Industrial and Office Properties: Award of Excellence, Best Building, Speculative Low Rise (2-4 stories), 2001

SECTION 7: CONCEPT EXHIBITS

CONCEPT EXHIBIT OPTION 1

Maple Ave: Lawyers Rd through Park St

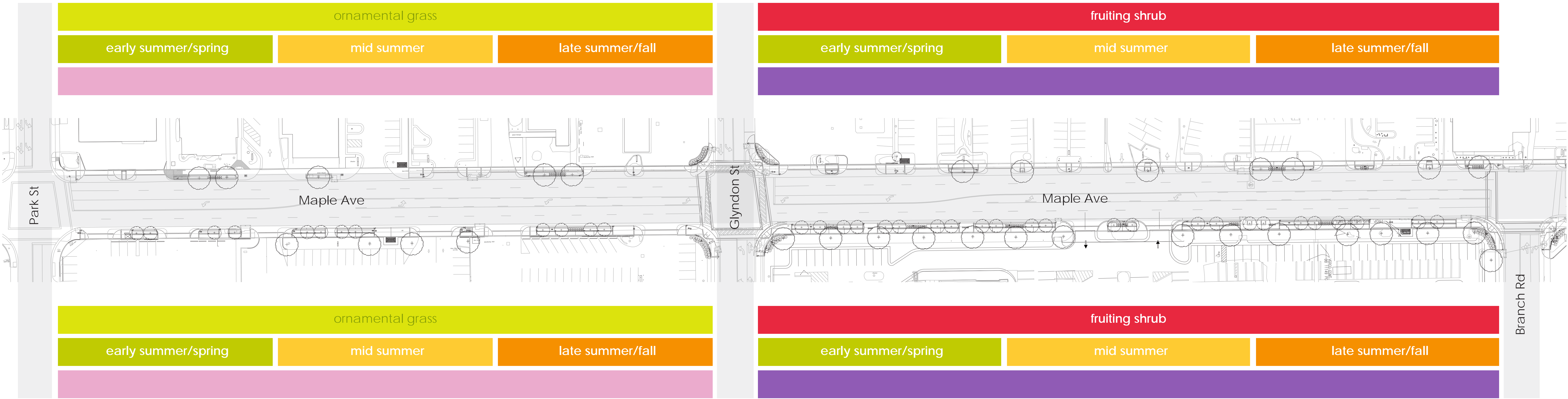


Legend

flowering shrub	shrub/ornamental grass spine
early summer/spring	perennial clustered by bloom season
	color theme

CONCEPT EXHIBIT OPTION 1

Maple Ave: Park St through Branch St

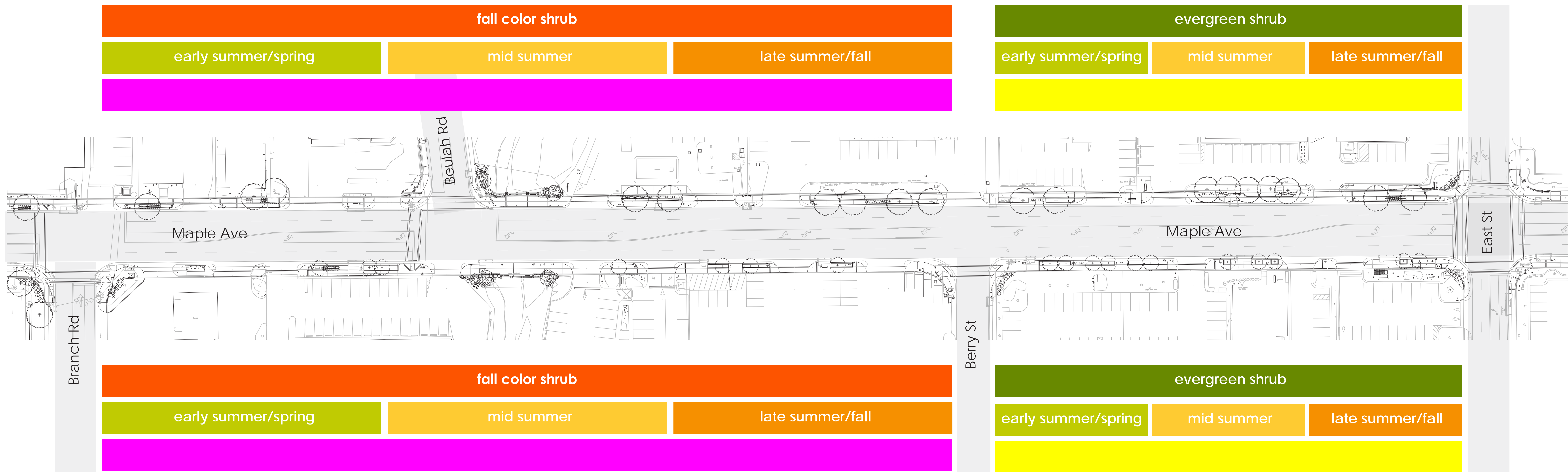


Legend

flowering shrub	shrub/ornamental grass spine
early summer/spring	perennial clustered by bloom season
	color theme

CONCEPT EXHIBIT OPTION 1

Maple Ave: Branch Rd through East St



Legend

flowering shrub	shrub/ornamental grass spine
early summer/spring	perennial clustered by bloom season
	color theme

CONCEPT EXHIBIT OPTION 1

Church St: Branch Rd through Mill St

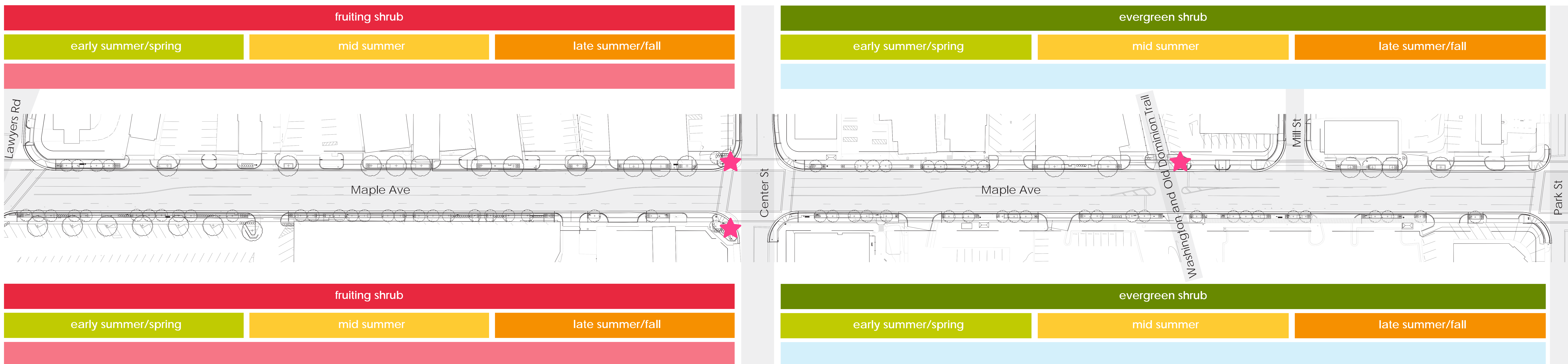


Legend

flowering shrub	shrub/ornamental grass spine
early summer/spring	perennial clustered by bloom season
	color theme

CONCEPT EXHIBIT OPTION 2

Maple Ave: Lawyers Rd through Park St

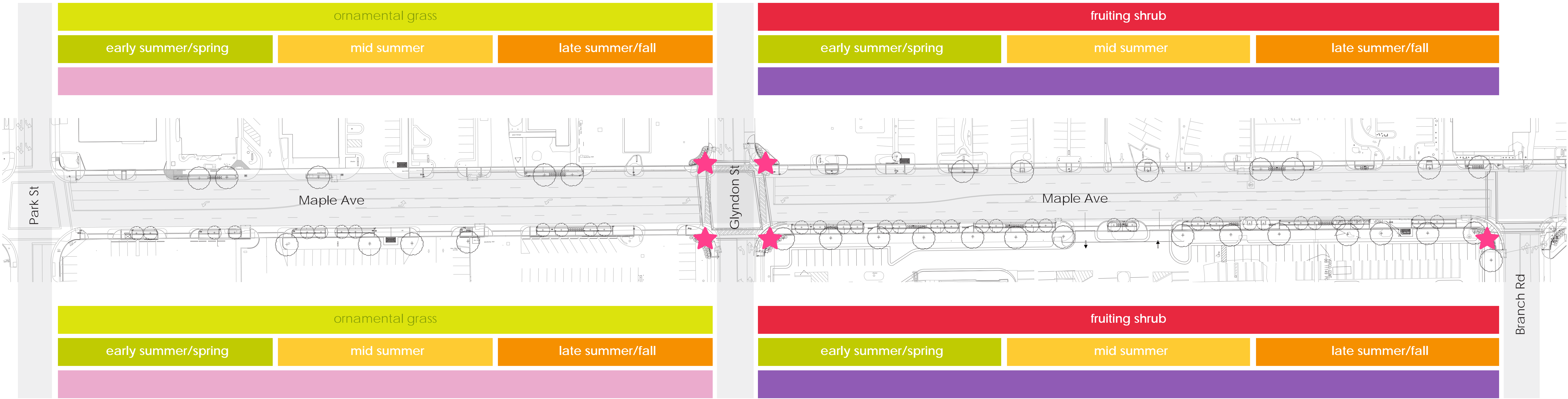


Legend

flowering shrub	shrub/ornamental grass spine
early summer/spring	perennial clustered by bloom season
	color theme
★	Annual flowers

CONCEPT EXHIBIT OPTION 2

Maple Ave: Park St through Branch St

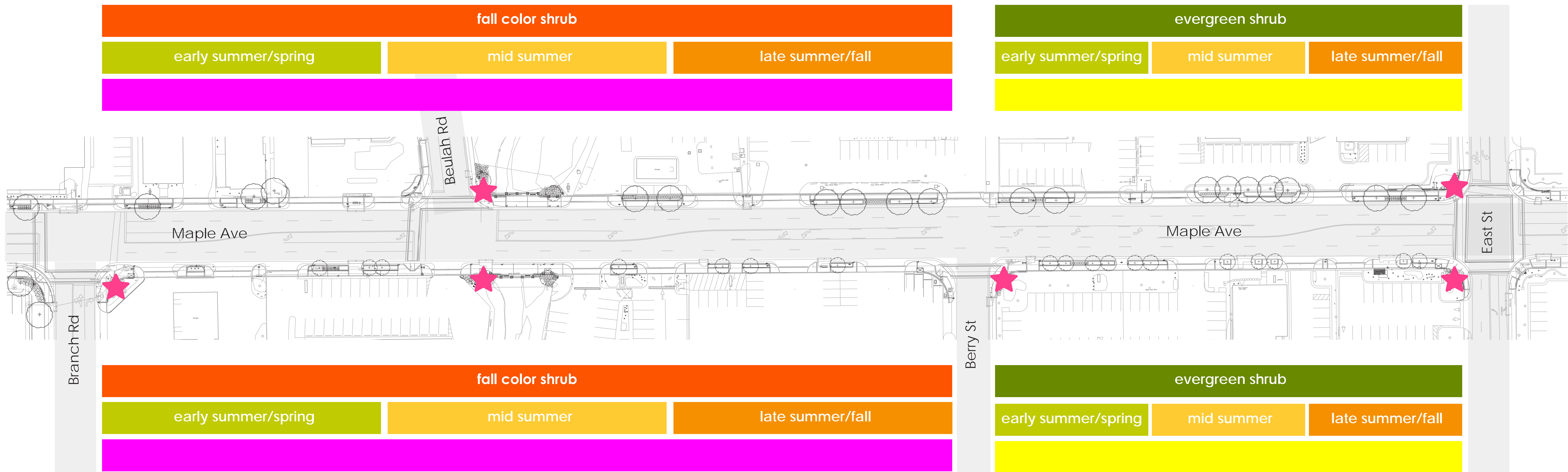


Legend

- flowering shrub shrub/ornamental grass spine
- early summer/spring perennial clustered by bloom season
- color theme
- Annual flowers

CONCEPT EXHIBIT OPTION 2

Maple Ave: Branch Rd through East St



Legend

- flowering shrub
- shrub/ornamental grass spine
- early summer/spring
- perennial clustered by bloom season
- color theme
- Annual flowers

CONCEPT EXHIBIT OPTION 2

Church St: Branch Rd through Mill St



Legend

- flowering shrub
- early summer/spring
- shrub/ornamental grass spine
- perennial clustered by bloom season
- color theme
- Annual flowers

CONCEPT EXHIBIT PLANT PALETTE



Sweetshrub



Southern Bush Honeysuckle



Golden St. Johnswort



Virginia Sweetspire



Fragrant Sumac



Possum-haw



Yellowroot



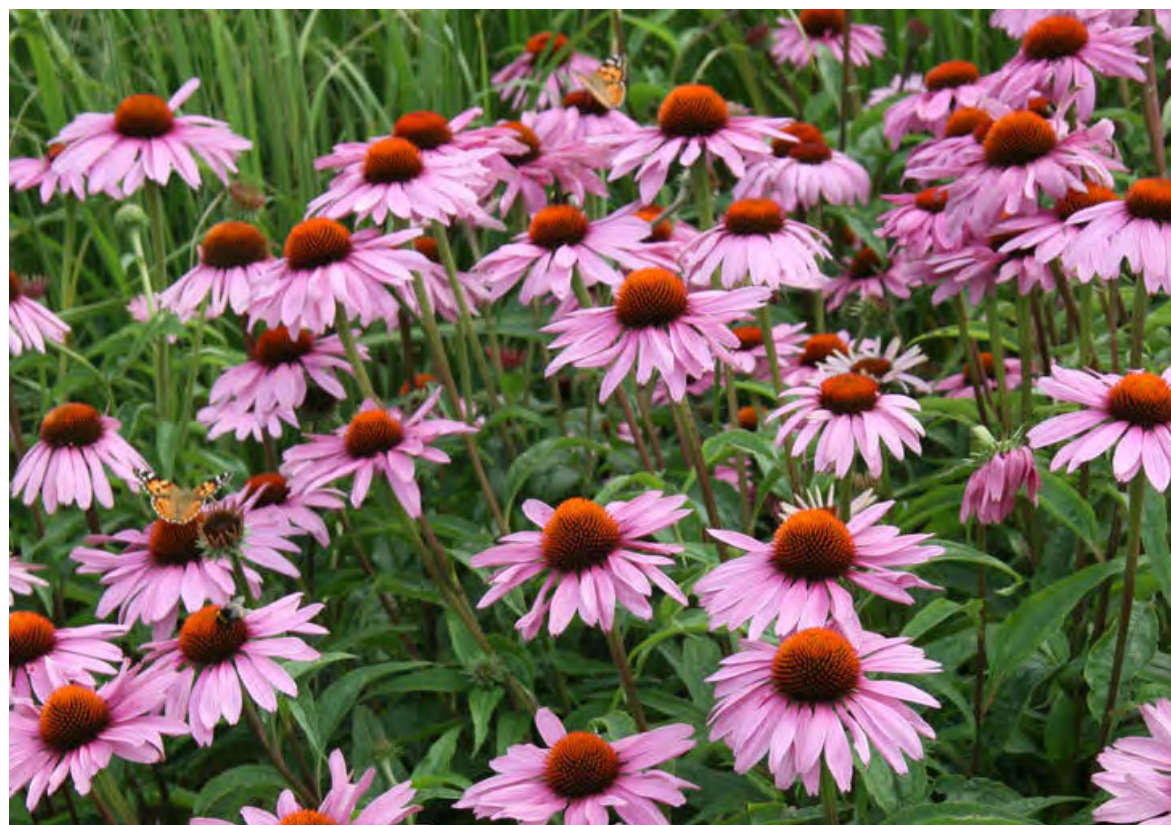
Nodding Pink Onion



Blue Wood Aster



Mouse Ear Tickseed



Purple Coneflower



Mistflower



Woodland Sunflower



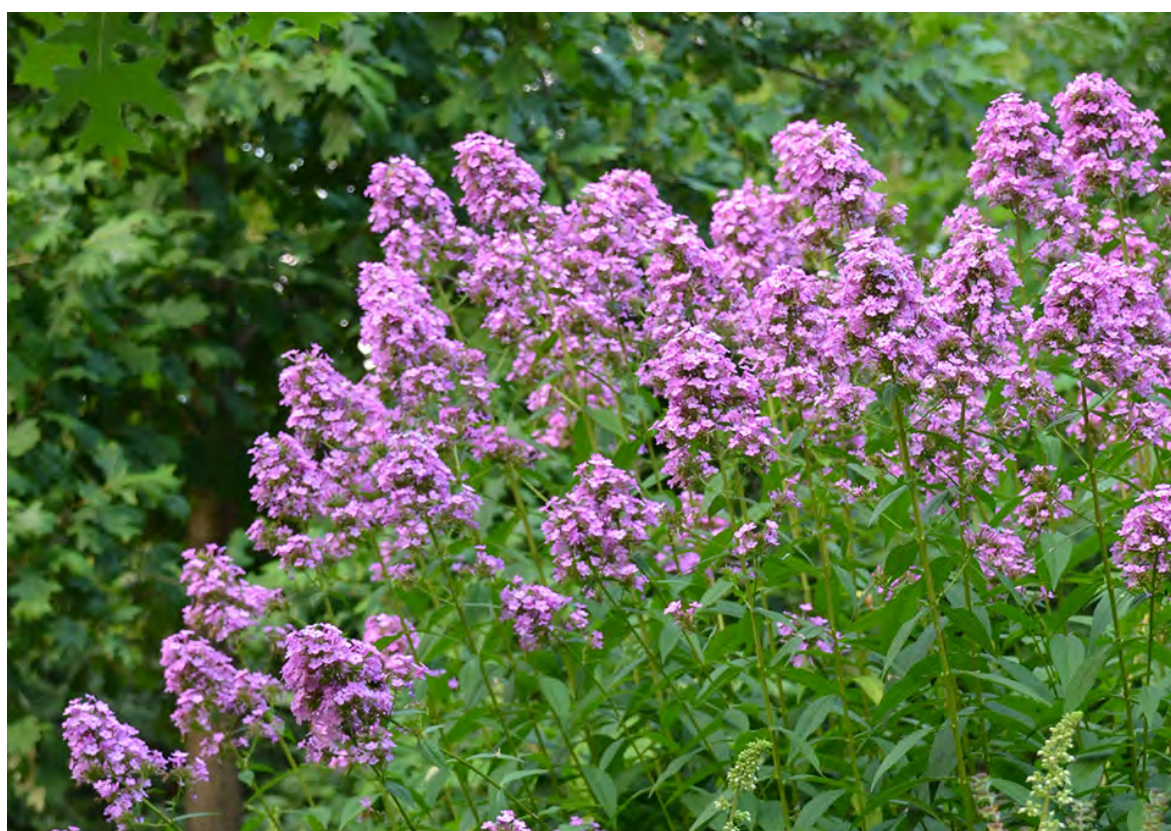
Lance-leaved Loosestrife



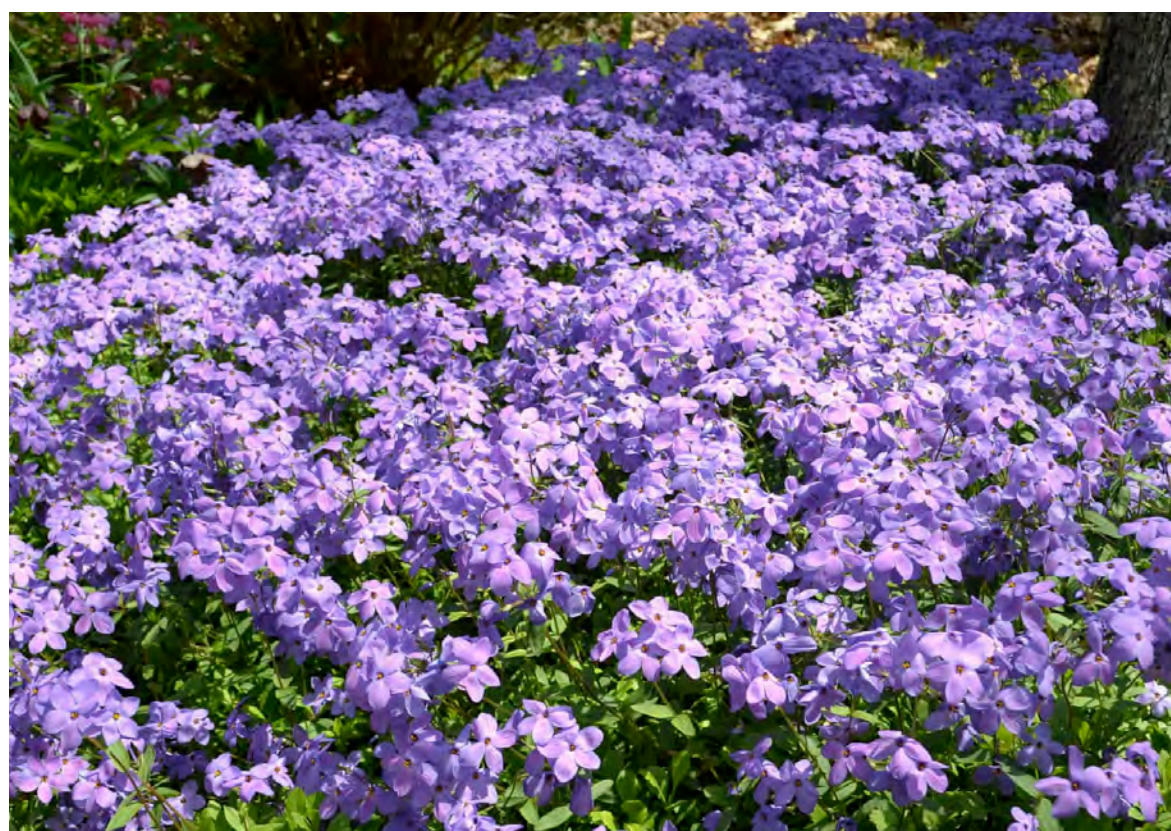
Bradbury's Beebalm



White Beardtongue



Summer Phlox



Creeping Phlox



Mountain Mint



Downy Skullcap



Golden Groundsel



Wreath Goldenrod



Virginia Spiderwort



Barren Strawberry



Heart-leaf Golden Alexander



White-tinged Sedge



Cherokee Sedge



Texas Sedge



Wood's Sedge



River Oats



Nodding Pink Onion



Blue Wood Aster



Mouse Ear Tickseed



Purple Coneflower



Mistflower



Woodland Sunflower



Lance-leaved Loosestrife




Bradbury's Beebalm



White Beardtongue



Summer Phlox

<div><div></div><div>LARRY WEANER landscape associates</div></div> <div>PLANT LIST</div> <div><div><div>Project: Maple Avenue & Church Street Streetscape</div><div>Ecoregion: Piedmont Uplands</div></div><div><div>Date: 02/02/2023</div><div>Created by: ED</div><div>Revisions by: LW, RK</div></div></div>					
KEY #	BOTANICAL NAME	COMMON NAME	MATURE HEIGHT	FLOWER COLOR	BLOOM TIME J F M A M J J A S O N D
Shrubs					
	Calycanthus floridus	Sweetshrub	6-12'		J F M A M J J A S O N D
	Diervilla sessilifolia	Southern Bush Honeysuckle	1-3'		J F M A M J J A S O N D
	Hypericum frondosum	Golden St. Johnswort	3'		J F M A M J J A S O N D
	Itea virginica 'Henry's Garnet'	Virginia Sweetspire	3-4'		J F M A M J J A S O N D
	Rhus aromatica 'Gro-Low'	Fragrant Sumac	3'		J F M A M J J A S O N D
	Viburnum nudum	Possum-haw	12-20'		J F M A M J J A S O N D
	Xanthorhiza simplicissima	Yellowroot	1-3'		J F M A M J J A S O N D
Forbs					
	Allium cernuum	Nodding Pink Onion	1'		J F M A M J J A S O N D
	Aster cordifolius	Blue Wood Aster	2-3'		J F M A M J J A S O N D
	Coreopsis auriculata	Mouse Ear Tickseed	1'		J F M A M J J A S O N D
	Echinacea purpurea	Purple Coneflower	2-3'		J F M A M J J A S O N D
	Eupatorium coelestinum	Mistflower	2-3'		J F M A M J J A S O N D
	Helianthus divaricatus	Woodland Sunflower	2-4'		J F M A M J J A S O N D
	Lysimachia lanceolata f. purpurea	Lance-leaved Loosestrife	1-2'		J F M A M J J A S O N D
	Monarda bradburiana	Bradbury's Beebalm	1-2'		J F M A M J J A S O N D
	Penstemon digitalis	White Beardtongue	2-4'		J F M A M J J A S O N D
	Phlox paniculata 'Jeana'	Summer Phlox	2-3'		J F M A M J J A S O N D
	Phlox stolonifera	Creeping Phlox	6-10"		J F M A M J J A S O N D
	Pycnanthemum incanum	Mountain Mint	3-4'		J F M A M J J A S O N D
	Scutellaria incana	Downy Skullcap	2-3'		J F M A M J J A S O N D
	Senecio aureus	Golden Groundsel	1-3'		J F M A M J J A S O N D
	Solidago caesia	Wreath Goldenrod	1-2'		J F M A M J J A S O N D
	Tradescantia virginiana	Virginia Spiderwort	2-3'		J F M A M J J A S O N D
	Waldsteinia fragarioides	Barren Strawberry	3-6"		J F M A M J J A S O N D
	Zizia aptera	Heart-leaf Golden Alexander	1-2'		J F M A M J J A S O N D
Grasses					
	Carex albicans	White-tinged Sedge	12-18"		J F M A M J J A S O N D
	Carex cherokeensis	Cherokee Sedge	12-18"		J F M A M J J A S O N D
	Carex texensis	Texas Sedge	6-12"		J F M A M J J A S O N D
	Carex woodsii	Wood's Sedge	8"		J F M A M J J A S O N D
	Chasmanthium latifolium	River Oats	4'		J F M A M J J A S O N D
Bulbs					
	Allium 'Purple Sensation'	Ornamental Onion	2-3'		J F M A M J J A S O N D
	Allium sphaerocephalon	Drumstick Allium	3'		J F M A M J J A S O N D
	Crocus tommasinianus 'Ruby Giant'	Snow Crocus	4-6"		J F M A M J J A S O N D
	Galanthus nivalis	Snowdrops	6-8"		J F M A M J J A S O N D
	Ipheion uniflorum	Spring Starflower	4-6"		J F M A M J J A S O N D
	Muscari botryoides	Common Grape Hyacinth	6-8"		J F M A M J J A S O N D
	Narcissus 'Minnow'	Daffodil	1-2"		J F M A M J J A S O N D
	Narcissus poeticus	Poet's Daffodil	1-2"		J F M A M J J A S O N D
	Narcissus 'Thalia'	Triandrus Daffodil	1-2"		J F M A M J J A S O N D
	Scilla siberica	Siberian Squill	4-6"		J F M A M J J A S O N D