



City of Richmond Department of Planning & Development Review

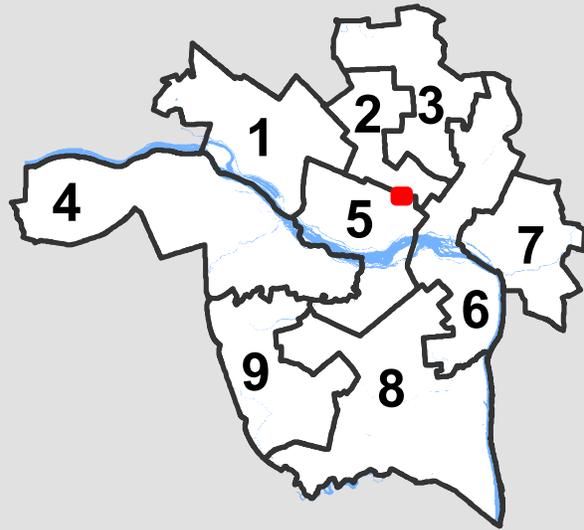
Encroachment

LOCATION: Intersection of S. Linden Street and W.

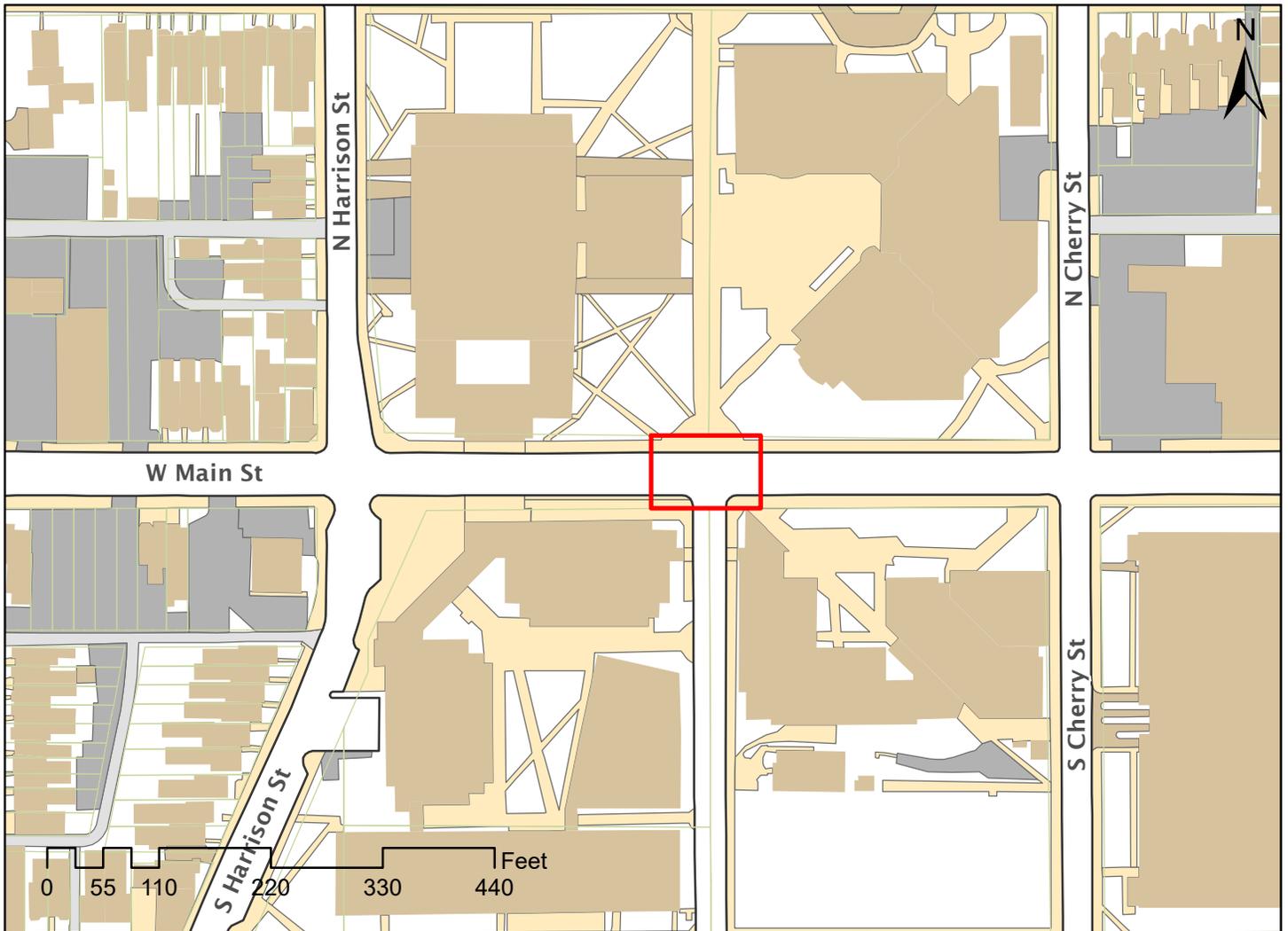
Main Street

COUNCIL DISTRICT: 5

PROPOSAL: Review of streetscape improvements that adopt traffic calming techniques to provide a safer north/south pedestrian intersection while also establishing a VCU identity along the heavily traveled Main Street corridor.



*For questions, please contact Josh Son
at 646-3741 or joshua.son@richmondgov.com*





Application for URBAN DESIGN COMMITTEE Review

Department of Planning and Development Review
Planning & Preservation Division
900 E. Broad Street, Room 510
Richmond, Virginia 23219
(804) 646-6335

<http://www.richmondgov.com/CommitteeUrbanDesign>

Application Type

- Addition/Alteration to Existing Structure
 New Construction
 Streetscape
 Site Amenity

- Encroachment
 Master Plan
 Sign
 Other

Review Type

- Conceptual
 Final

Project Name: _____

Project Address: _____

Brief Project Description (this is not a replacement for the required detailed narrative) : _____

Applicant Information

(on all applications other than encroachments, a City agency representative must be the applicant)

Name: _____ Email: _____

City Agency: _____ Phone: _____

Address: _____

Main Contact (if different from Applicant): _____

Company: _____ Phone: _____

Email: _____

Submittal Deadlines

All applications and support materials must be filed no later than 21 days prior to the scheduled meeting of the Urban Design Committee (UDC). Please see the schedule on page 3 as actual deadlines are adjusted due to City holidays. **Late or incomplete submissions will be deferred to the next meeting.**

Filing

Applications can be mailed or delivered to the attention of "Urban Design Committee" at the address listed at the top of this page. **It is important that the applicant discuss the proposal with appropriate City agencies, Zoning Administration staff, and area civic associations and residents prior to filing the application with the UDC.**

UDC Background

The UDC is a ten member committee created by City Council in 1968 whose purpose is to advise the City Planning Commission on the design of projects on City property or right-of-way. The UDC provides advice of an aesthetic nature in connection with the performance of the duties of the Commission under Sections 17.05, 17.06 and 17.07 of the City Charter. The UDC also advises the Department of Public Works in regards to private encroachments in the public right-of-way.

P R O J E C T N A R R A T I V E

DATE 8 November 2018
PROJECT VCU Front Doors – Linden & Main Intersection
TO City of Richmond UDC
FROM Keith Van Inwegen (VCU)
Pete Price (Waterstreet Studio)
SUBJECT Project Narrative

PROJECT OVERVIEW:

Virginia Commonwealth University has, through its recent ONE VCU Master Plan process, identified key intersections and streetscapes that will function as “Front Doors” to campus. These Front Doors will enhance campus identity while also addressing the need for increased pedestrian safety and traffic calming. VCU officials have identified the intersection of Linden & Main Streets as a priority area, with a goal to start construction at the beginning of 2019.

The intersection at Main and Linden Streets is to be renovated to provide a clear, visible pedestrian crossing and connect the existing pedestrian corridor that runs to the north and south of the intersection. Traffic calming techniques will be implemented to slow approaching traffic and clearly communicate the pedestrian crossing to oncoming drivers. As part of the project, the areas on VCU property will also be renovated to create larger cuing spaces as pedestrians wait to cross the street, as well as social gathering spaces with pedestrian amenities such as café tables, benches, seatwalls, trash receptacles, plantings and campus signage. There will be no changes to existing street lights, vehicular traffic signals or pedestrian crossing signals. It is anticipated that the construction cost will be approximately \$500,000.

TRAFFIC CALMING:

The proposed design includes a series of traffic calming elements to reduce the speed of westbound vehicular traffic on Main Street, while also providing common visual cues to help drivers recognize the heavily-used pedestrian crossing. Currently, cars are restricted from parking in the north or south lanes at the intersection. As a result, pedestrians often step into the roadway to observe on-coming traffic whose line-of-sight is blocked by the adjacent parked cars.

The design proposes to remove of the un-used north and south lanes within the intersection, and to reclaim this space for pedestrians by extending the sidewalk and corresponding roadway curbing. Brick paving is proposed to accent the ground plane and integrate with the adjacent plaza. Within the roadway, the existing asphalt is to be removed and replaced with heavy-duty brick pavers on concrete subbase within the

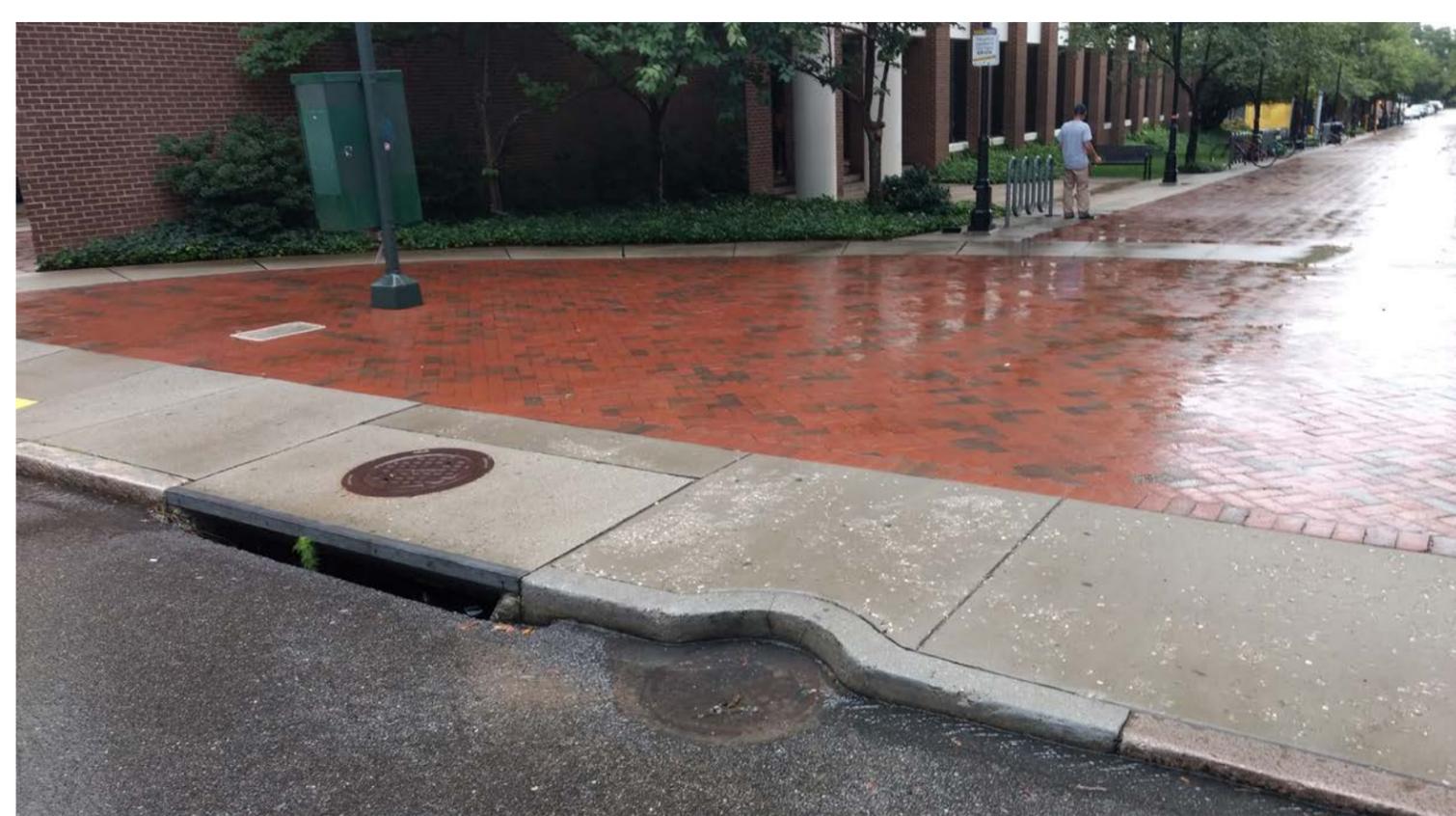
enlarged crosswalk that aligns with the pedestrian corridors to the north and south. On the edge of the crosswalk zone, streetscape chokers reduce the pedestrian crossing distance and alert approaching drivers of the pedestrian zone. The chokers will be planted to soften the intersection and clearly identify the pedestrian crossing zone. The plantings will be less than 30" in height to maintain important sightlines for oncoming traffic. At the western chokers where there are no sight-line restrictions, small, columnar deciduous flowering trees are proposed to enhance the streetscape experience. New asphalt is proposed on either side of the brick crossing zone, between the chokers, where reflective thermoplastic striping will alert drivers with common visual cues indicating a pedestrian crosswalk.

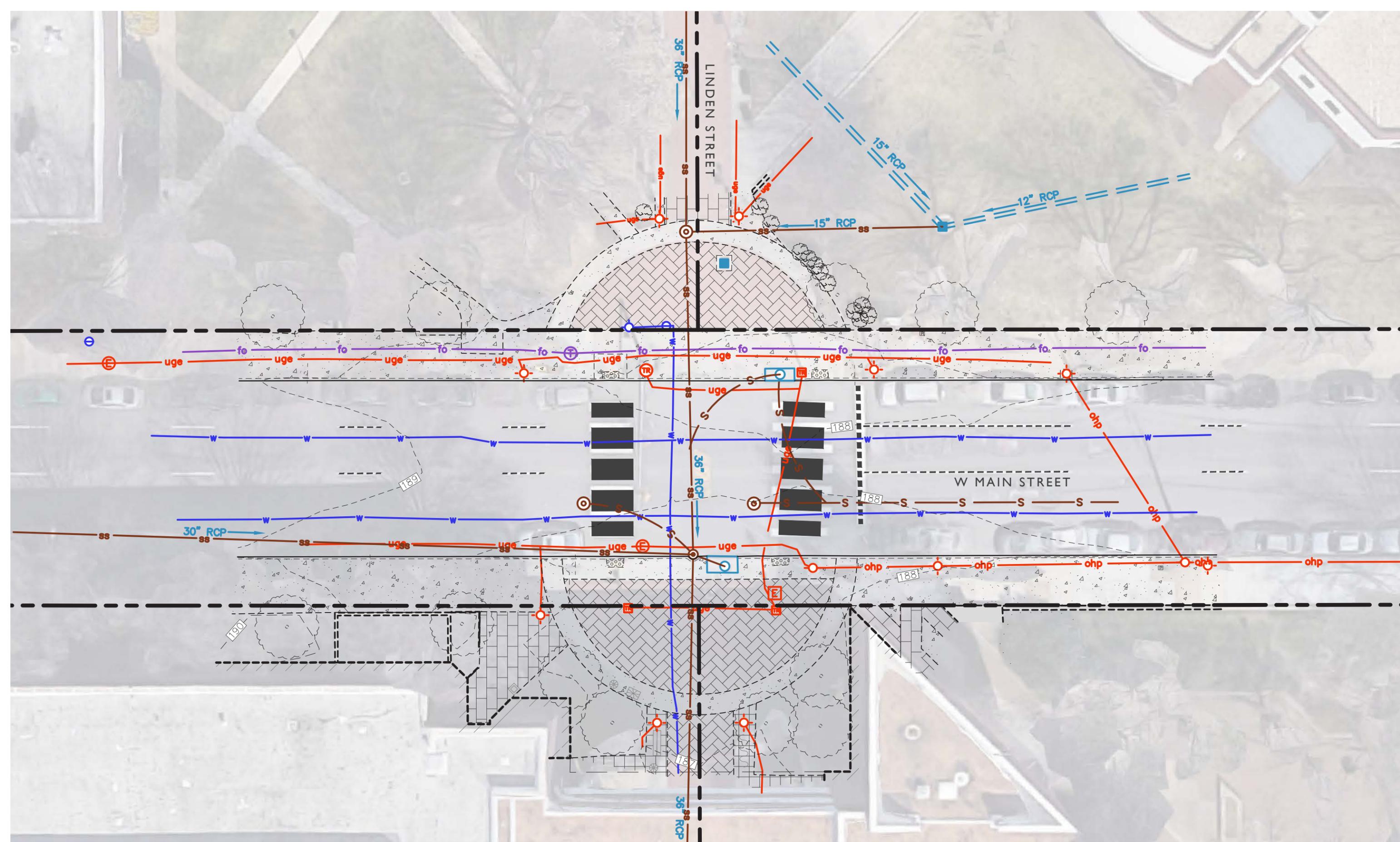
The project team met with representatives from Public Works and the Traffic Engineering department, as well as the City's Bicycle Coordinator, to review the general approach to the project and understand the City's typical approach for streetscape improvements.



LINDEN & MAIN INTERSECTION

VCU MONROE PARK - FRONT DOORS
RICHMOND URBAN DESIGN COMMITTEE - FINAL SUBMITTAL
NOVEMBER 8, 2018

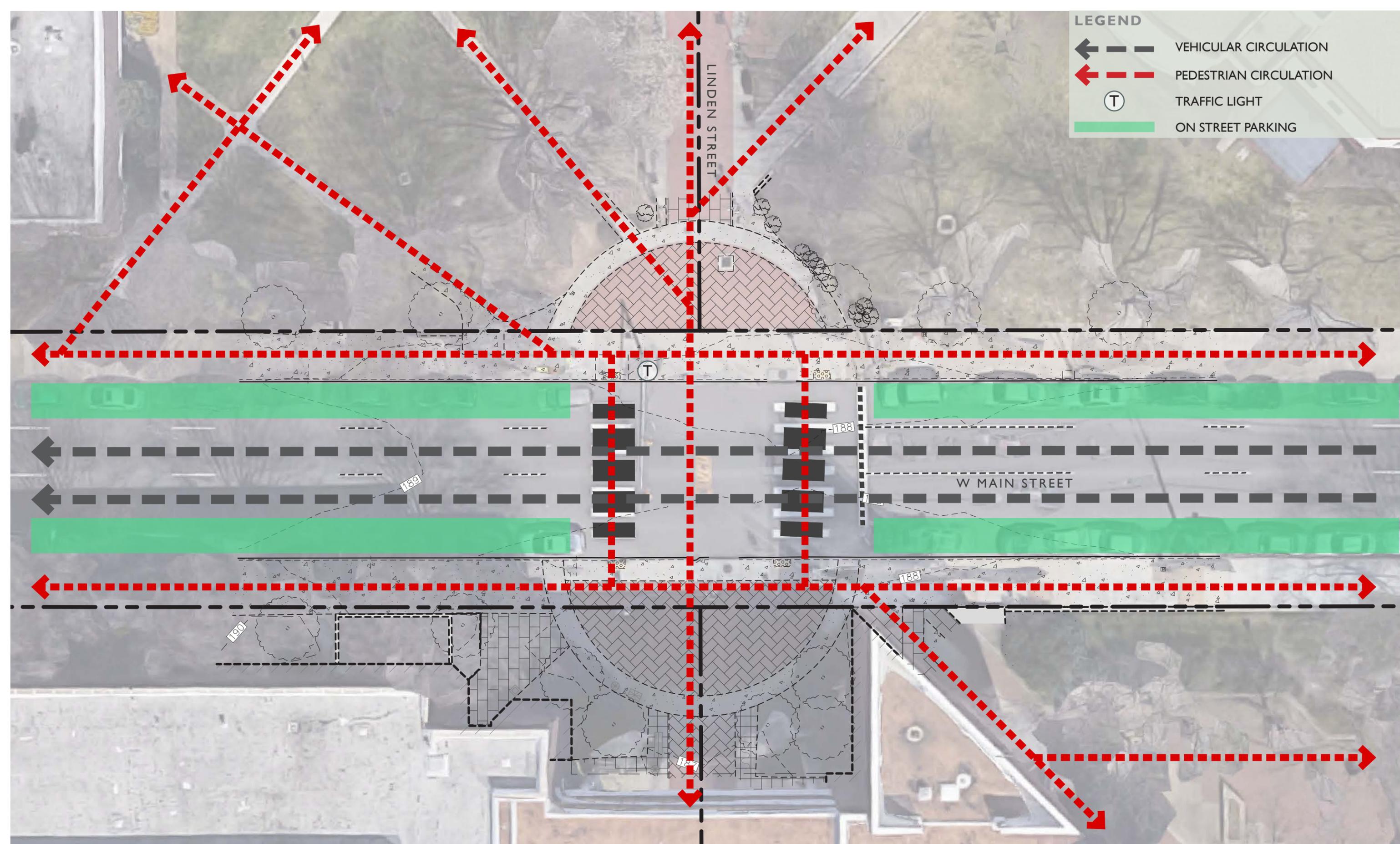




EXISTING UTILITIES



LEGEND	
	VEHICULAR CIRCULATION
	PEDESTRIAN CIRCULATION
	TRAFFIC LIGHT
	ON STREET PARKING



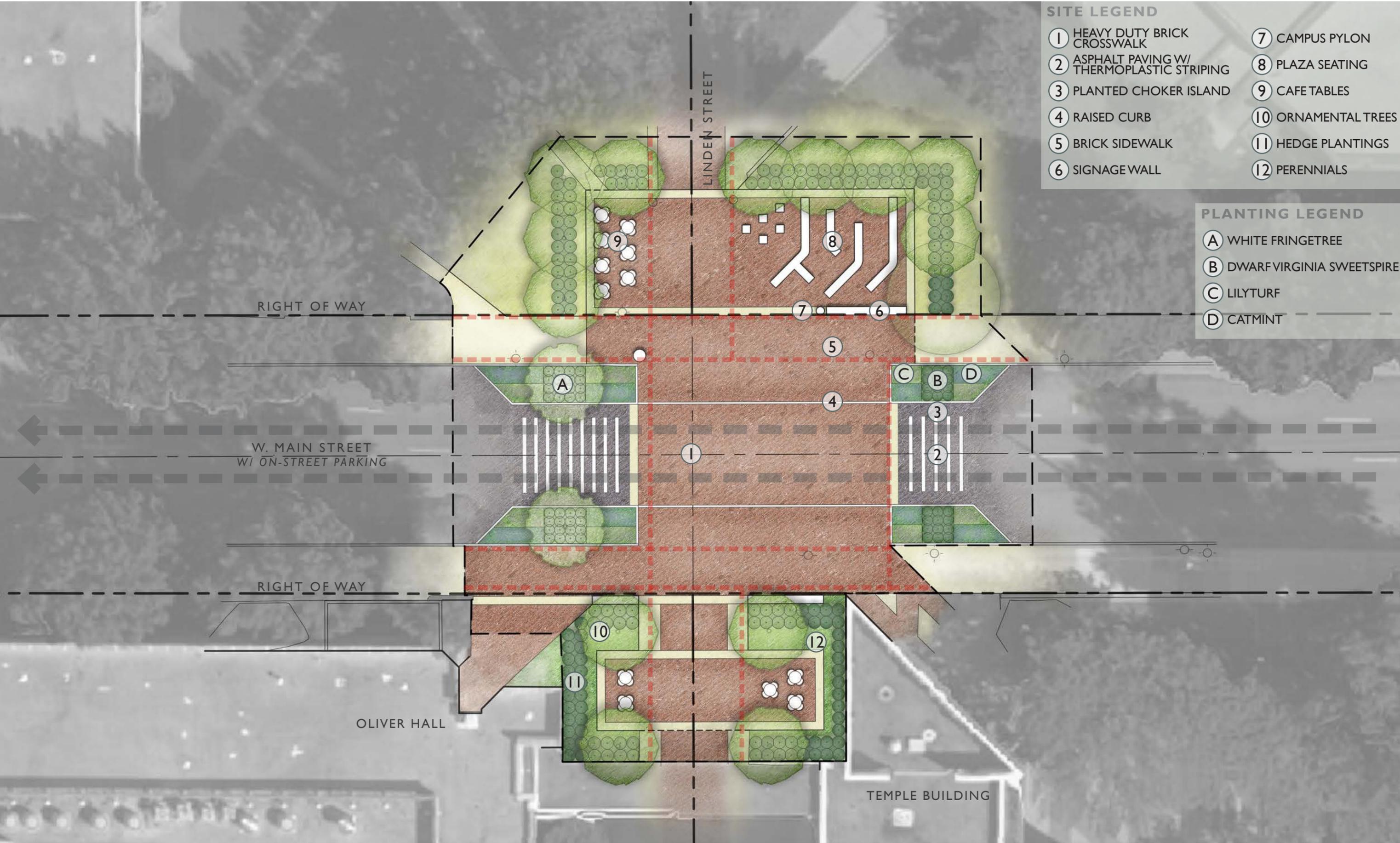
EXISTING CIRCULATION PATTERNS

SITE LEGEND

- ① HEAVY DUTY BRICK CROSSWALK
- ② ASPHALT PAVING W/ THERMOPLASTIC STRIPING
- ③ PLANTED CHOKER ISLAND
- ④ RAISED CURB
- ⑤ BRICK SIDEWALK
- ⑥ SIGNAGE WALL
- ⑦ CAMPUS PYLON
- ⑧ PLAZA SEATING
- ⑨ CAFE TABLES
- ⑩ ORNAMENTAL TREES
- ⑪ HEDGE PLANTINGS
- ⑫ PERENNIALS

PLANTING LEGEND

- Ⓐ WHITE FRINGETREE
- Ⓑ DWARF VIRGINIA SWEETSPIRE
- Ⓒ LILYTURF
- Ⓓ CATMINT



PROPOSED DESIGN





CHIONANTHUS VIRGINICUS 'SPRING FLEECING'
WHITE FRINGETREE



ITEA VIRGINICA 'SPRICH'
LITTLE HENRY DWARF VIRGINIA SWEETSPIRE



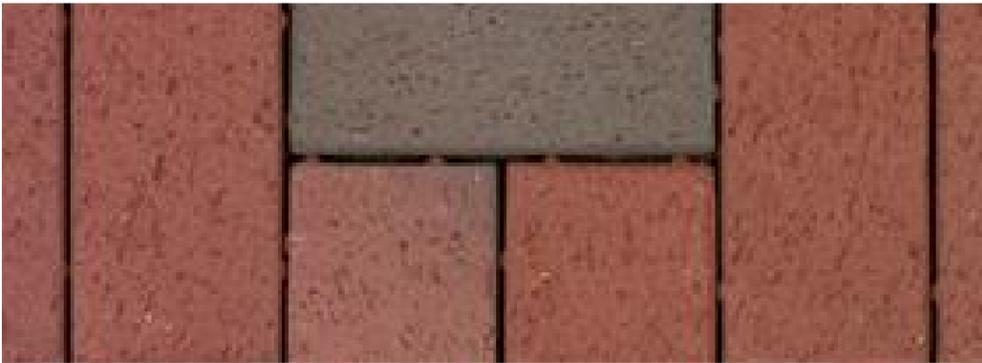
LIRIOPE MUSCARI 'BIG BLUE'
BIG BLUE LILYTURF



NEPETA RACEMOSA 'WALKER'S LOW'
WALKER'S LOW CATMINT



SIDEWALK BRICK PAVERS
PINEHALL - PATHWAY - FULL RANGE



ROADWAY BRICK PAVERS
PINEHALL - ENGLISH EDGE - FULL RANGE

RIGHT OF WAY - PLANT SCHEDULE

QTY.	SYMBOL	Scientific Name	Common Name	Size	Spacing	Root	Notes
TREES							
2	CV	<i>Chionanthus virginicus</i> 'Spring Fleecing'	White Fringetree	10' Ht.	Shown	B&B	3-5 Stems, Limbed up 5'
SHRUBS							
57	IV	<i>Itea virginica</i> 'Sprich'	Dwarf Virginia Sweetspire	18" Ht.	30" O.C.	3 Gal.	
GROUNDCOVERS & PERENNIALS							
133	LM	<i>Liriope muscari</i> 'Big Blue'	Lilyturf		18" O.C.	3 QT.	
94	NR	<i>Nepeta racemosa</i> 'Walker's Low'	Catmint		24" O.C.	3 QT.	

SITE MATERIALS