

SHIEL SEXTON ⊕ **EXPECT MORE**

UNC Charlotte

East Village Infrastructure
Pre-Bid Meeting

September 22, 2020



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WE BUILD FOR PEOPLE WHO

EXPECT MORE ⊕



UNCC East Village Infrastructure Introduction of the Team

- **UNC CHARLOTTE**

- Brian Kugler – Sr. Project Manager
- Dorothy Vick – HUB Coordinator

- **DESIGN TEAM**

- Kimley Horn - Joey Racer - P.E.
- Kimley Horn - Ben Taylor - P.E.
- McCracken & Lopez – Greg Johnson
- McCracken & Lopez – James Currie

- **CONSTRUCTION MANAGER**

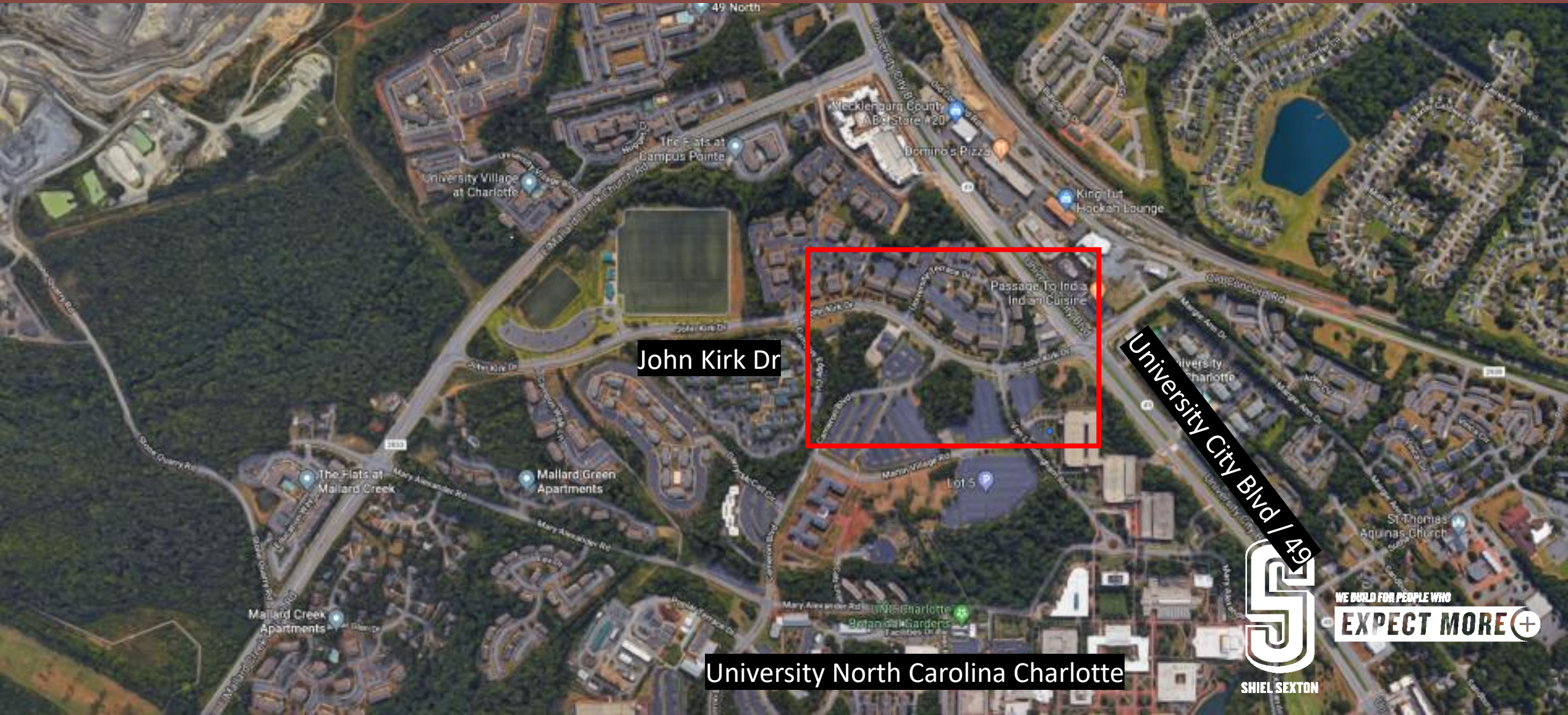
- Josh Craft – Project Estimator
- Bill Cuddeback – Project Manager
- Chris Tarwater – Superintendent
- Tim Marsh – Director of Preconstruction



UNCC East Village Infrastructure Project Overview

- The scope of work for this project is to build road improvements along John Kirk Drive which includes road widening, storm system upgrades, new pedestrian walkways, site lighting, and new signaled intersections at Cameron Blvd. and Van Landingham Road.
- Traffic Signal work will be by others
- Public street lighting by Duke Energy will be designated on the drawings.

UNC Charlotte East Campus



John Kirk Dr

University City Blvd / 49

University North Carolina Charlotte



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UNC Charlotte East Campus



Cameron Blvd

Van Landingham Rd

Martin Village Rd

John Kirk Dr

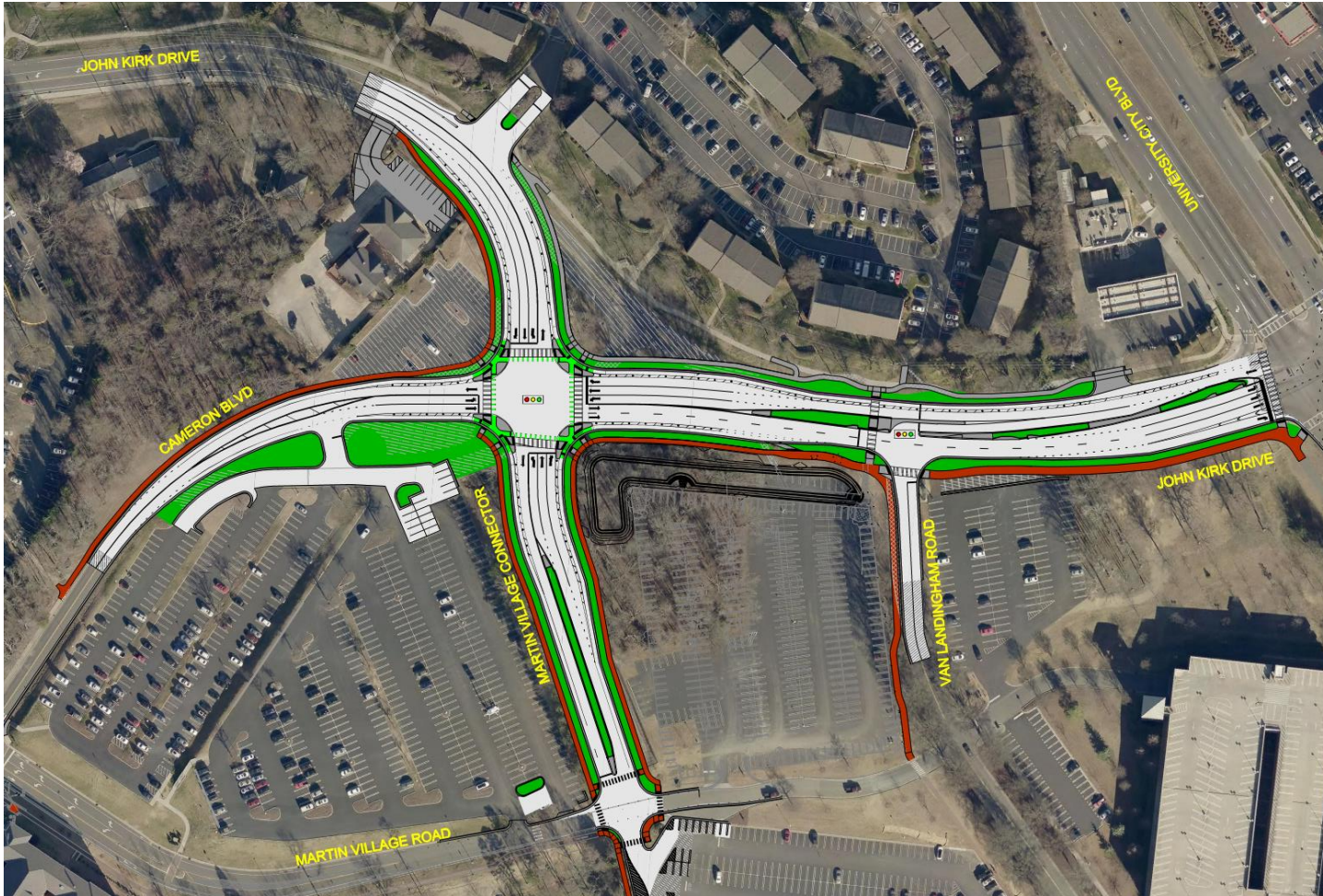
University City Blvd / 49



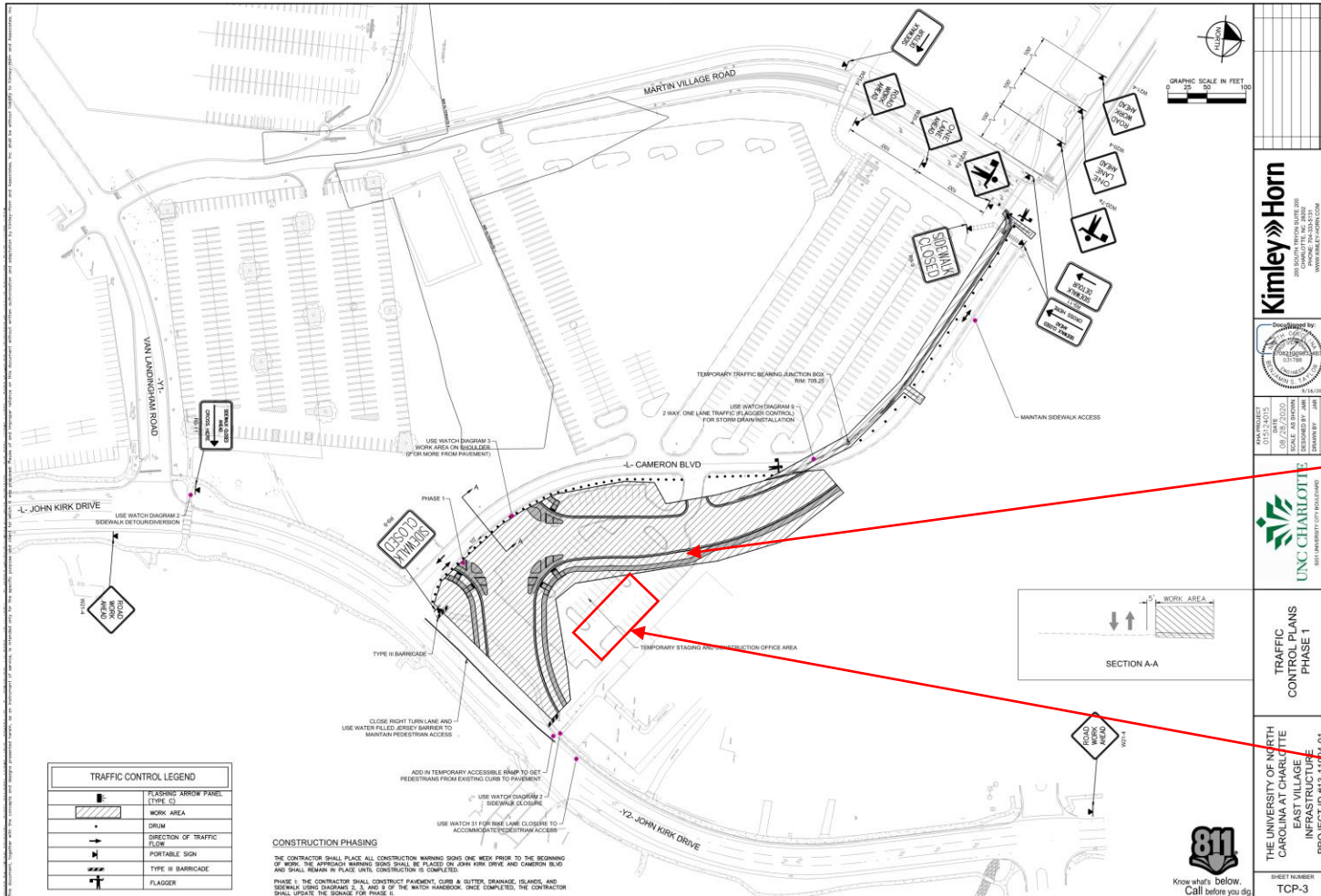
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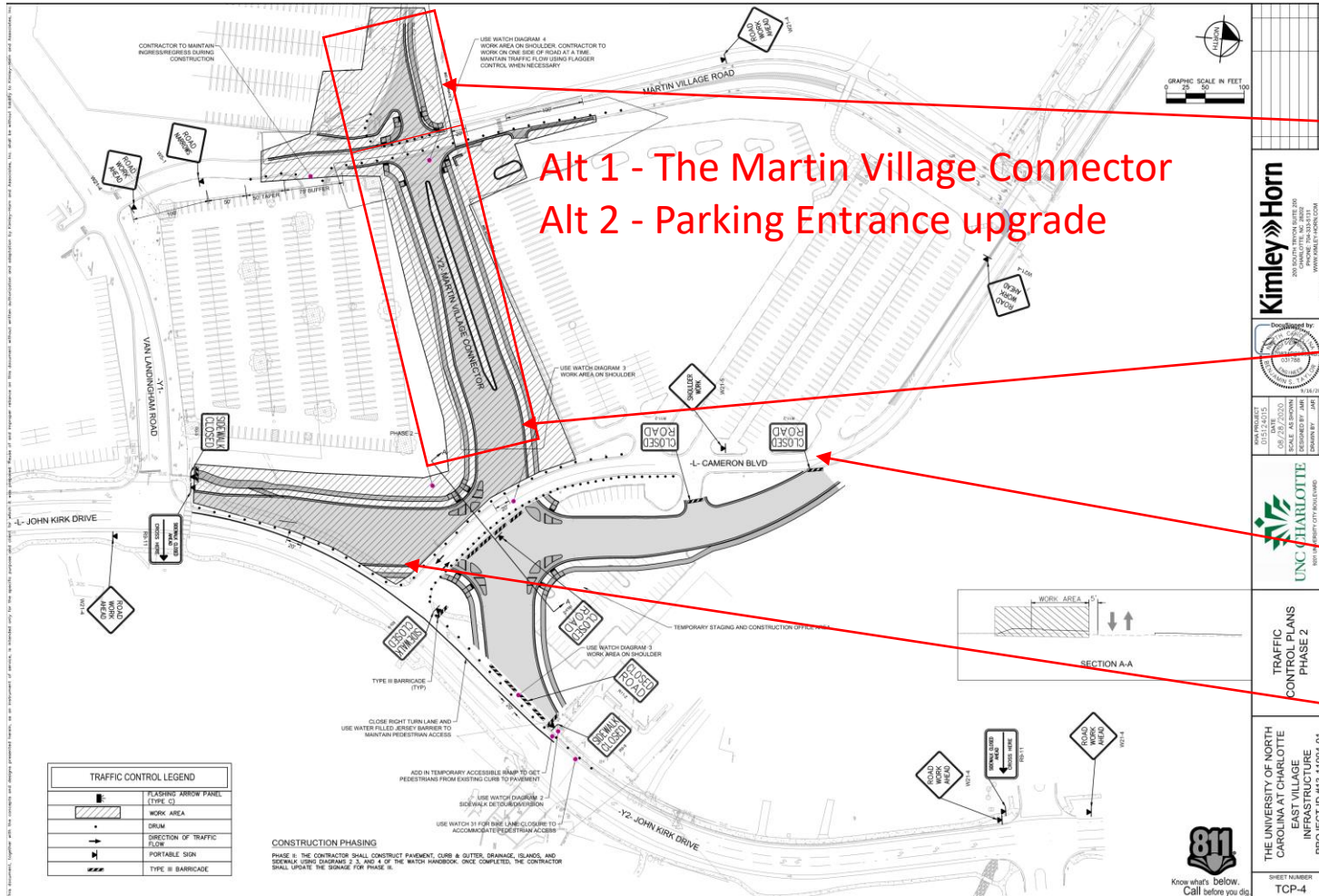


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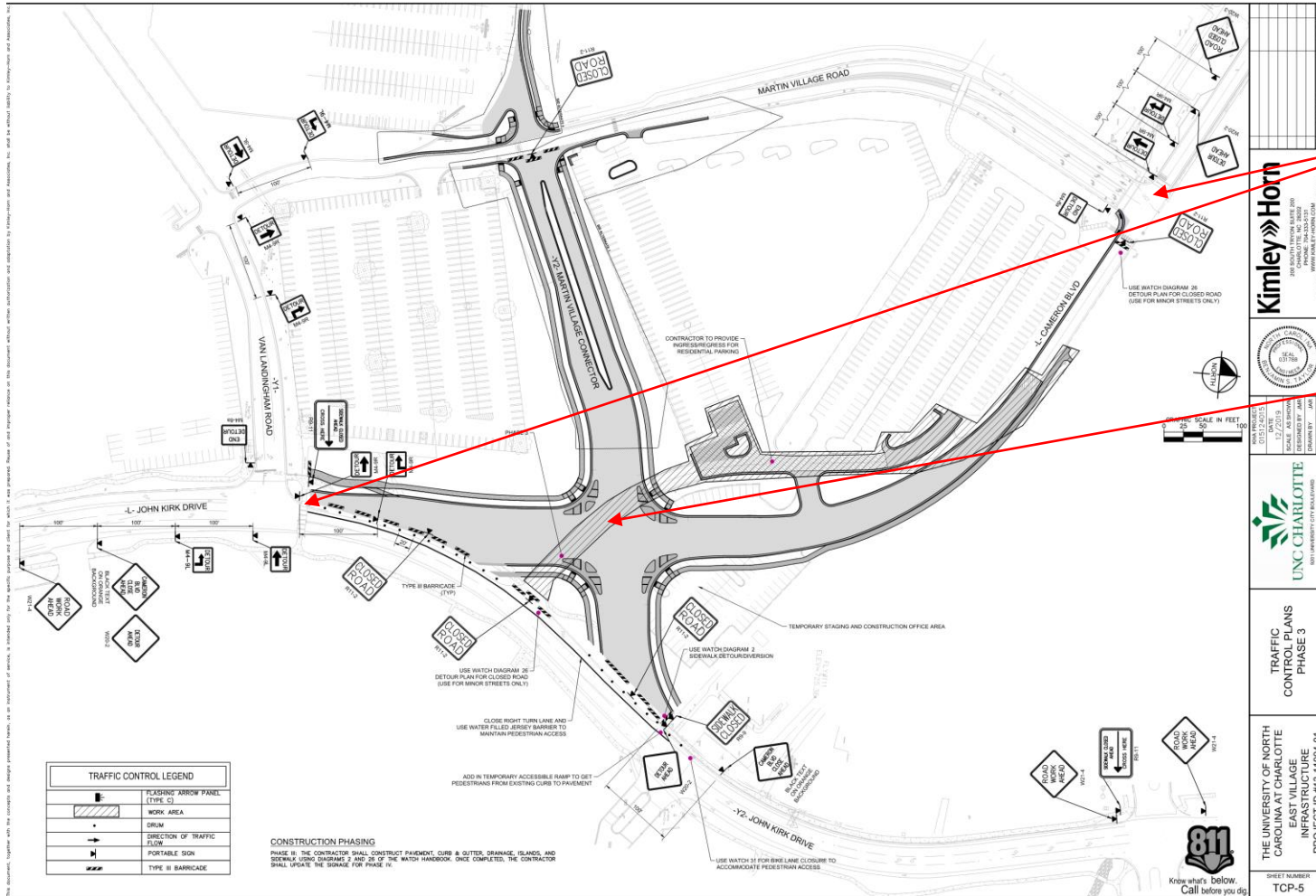
- **PHASE 1**
- Mobilize establish office trailers, temporary measures, and traffic control.
- Demo parking lot next to adult daycare and begin phase 1 work for new intersection.
- Office trailer and laydown area

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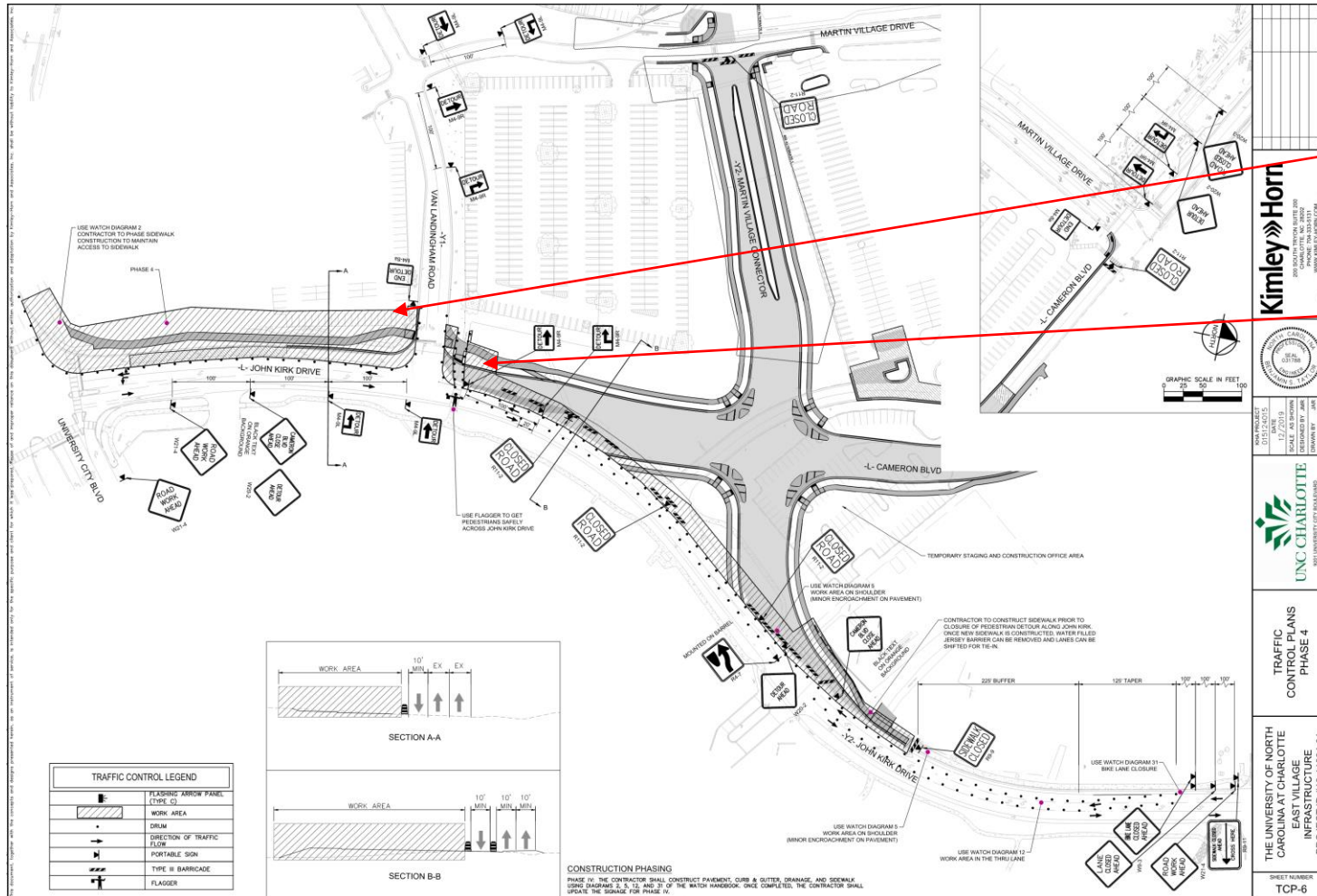
- **PHASE 2**
- Parking Lot 5 entrance Improvements is Bid Alternate 2
- Martin Village Connector is Bid Alternate 1.
- Cameron Blvd to remain open to traffic.
- Continue new intersection

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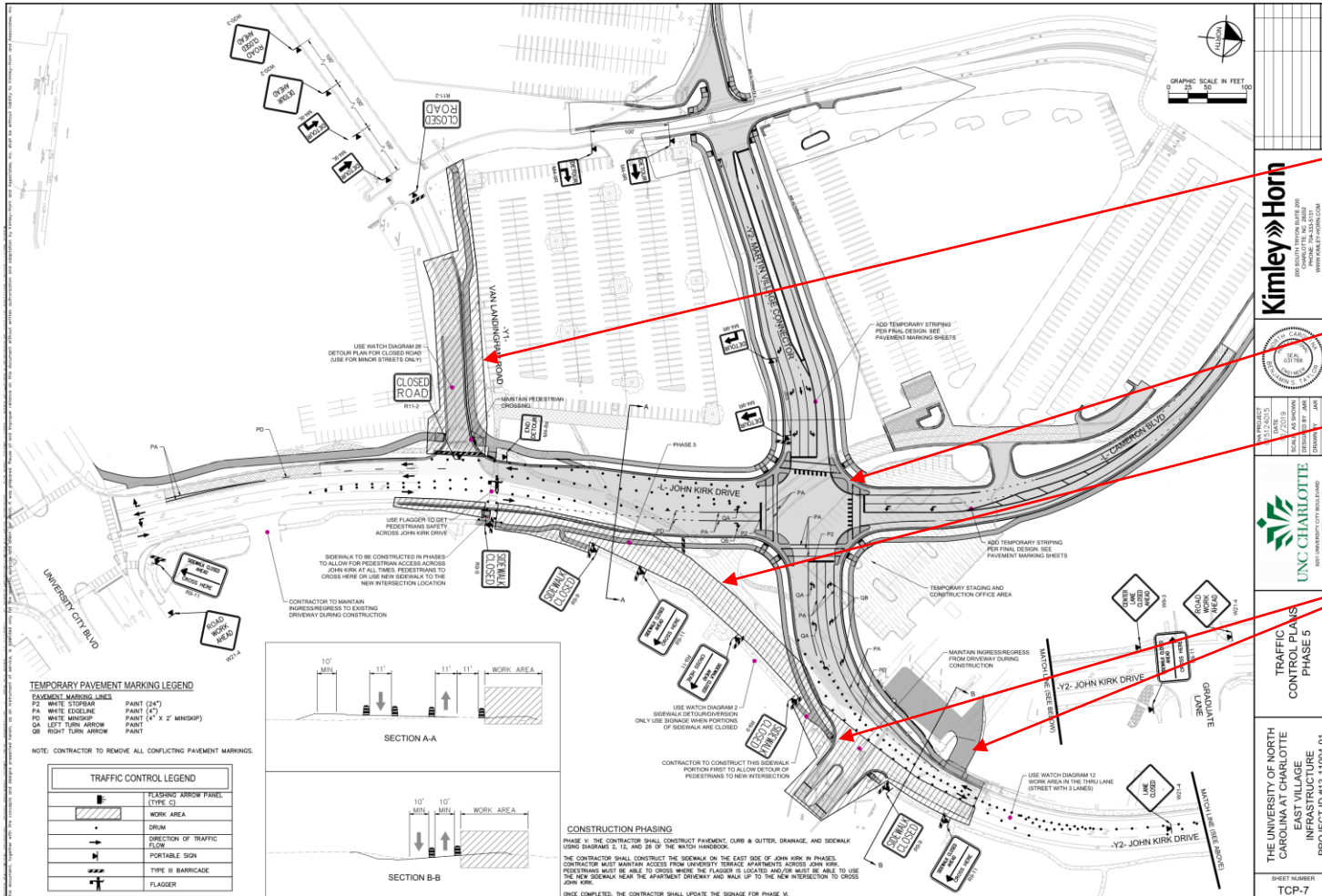
- **PHASE 3**
- Detour traffic to Van Landingham Blvd and Martin Village Road
- Close Cameron Blvd to complete paving of new intersection and parking lot access

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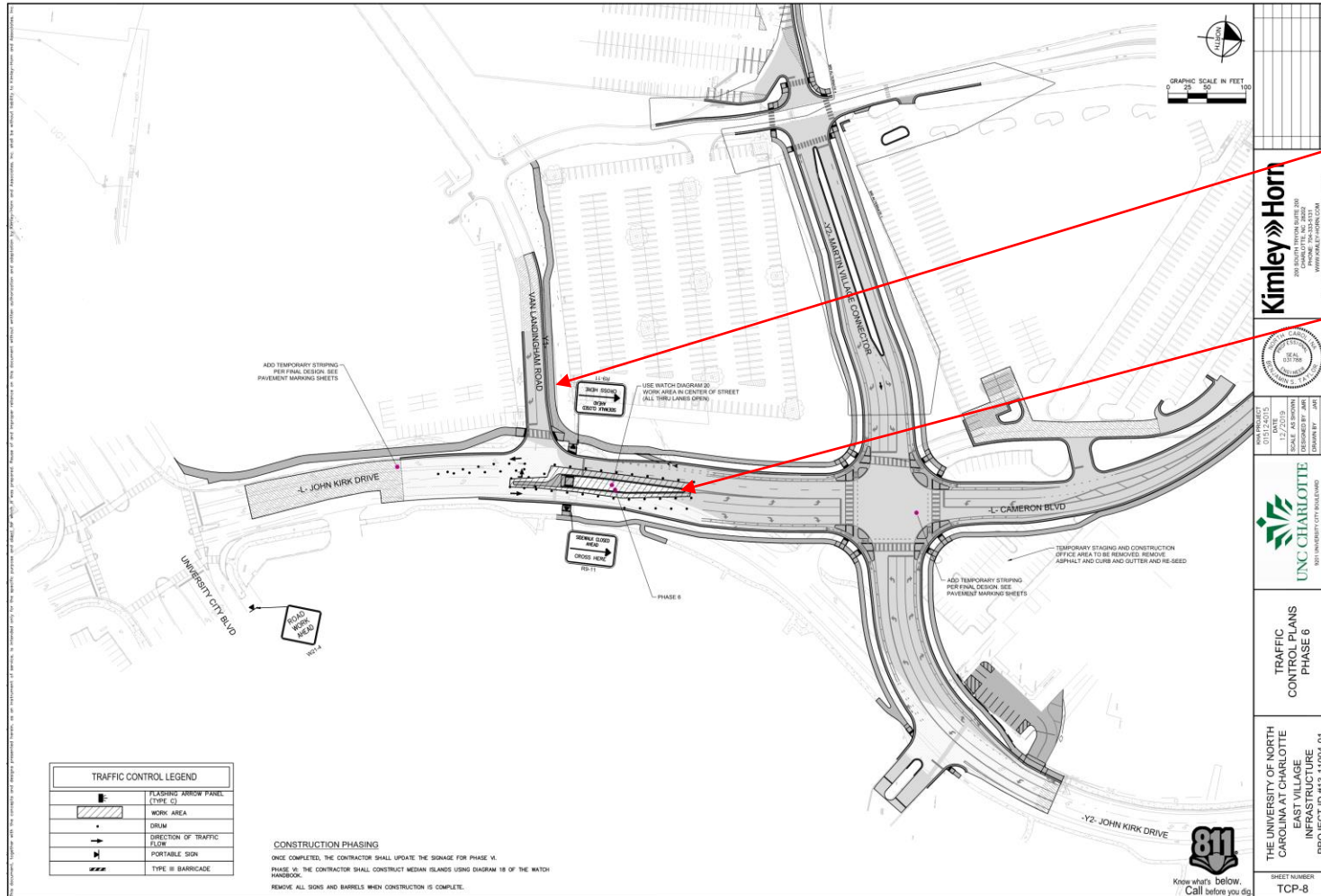
- **PHASE 4**
- Traffic control and lane widening of John Kirk Dr.
- Maintain a safe crossing for pedestrians at Van Landingham Blvd.

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- **PHASE 5**
- Close traffic to Van Landingham Blvd.
- Open new intersection
- Demo old portion of John Kirk Rd.
- Entrance improvements at Apartments and Adult Daycare.

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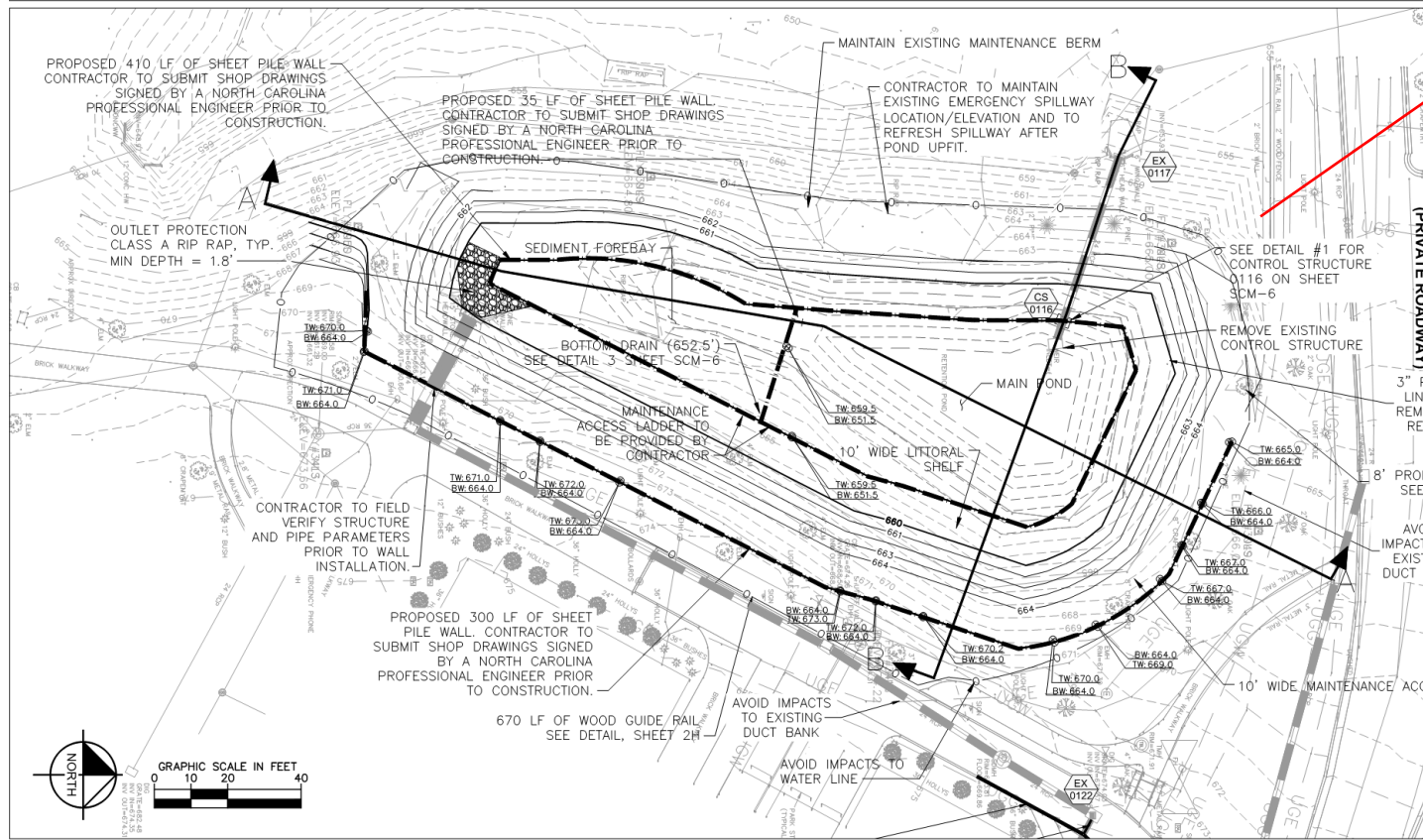


- **PHASE 6**
- Reopen Van Landingham Blvd.
- Complete pedestrian crossing and median.
- Landscape.
- Demobilize.

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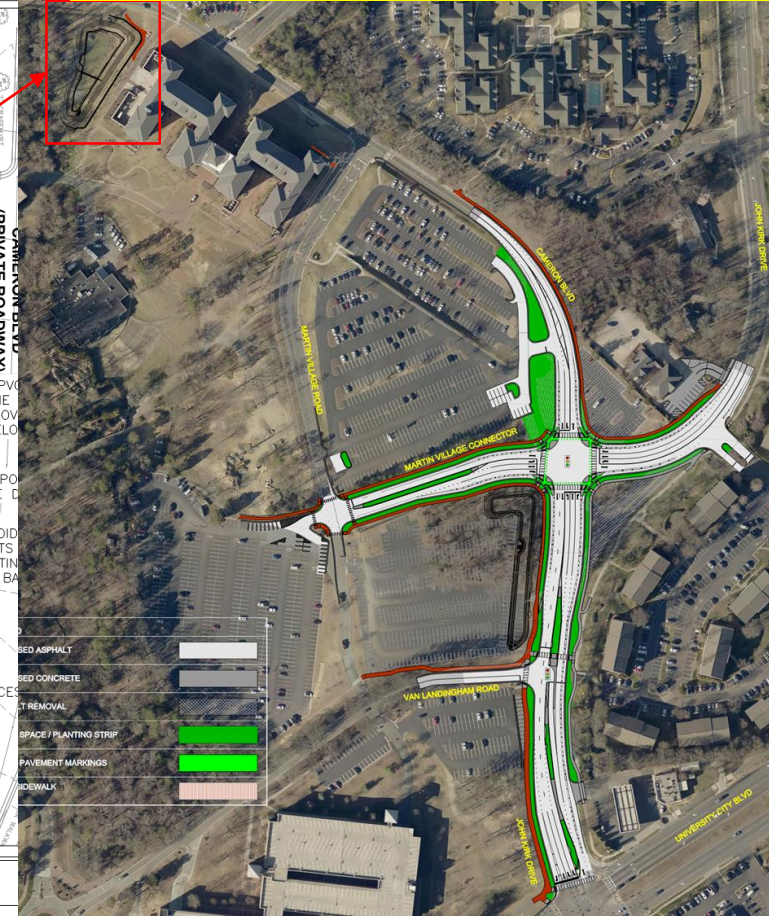
Martin Hall BMP

Increasing capacity of existing pond.

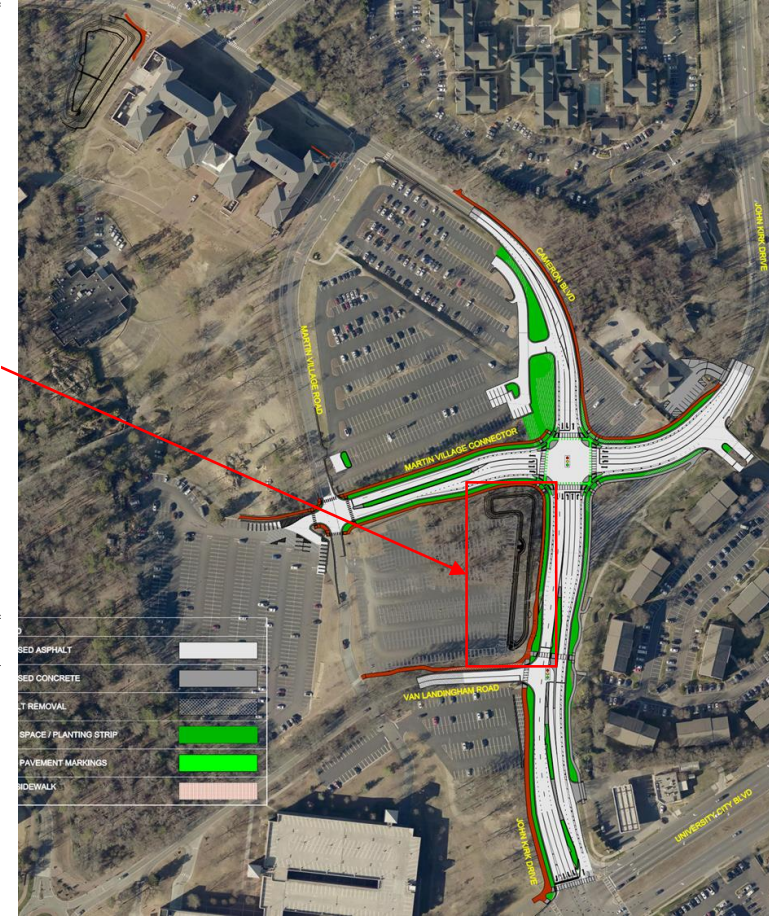
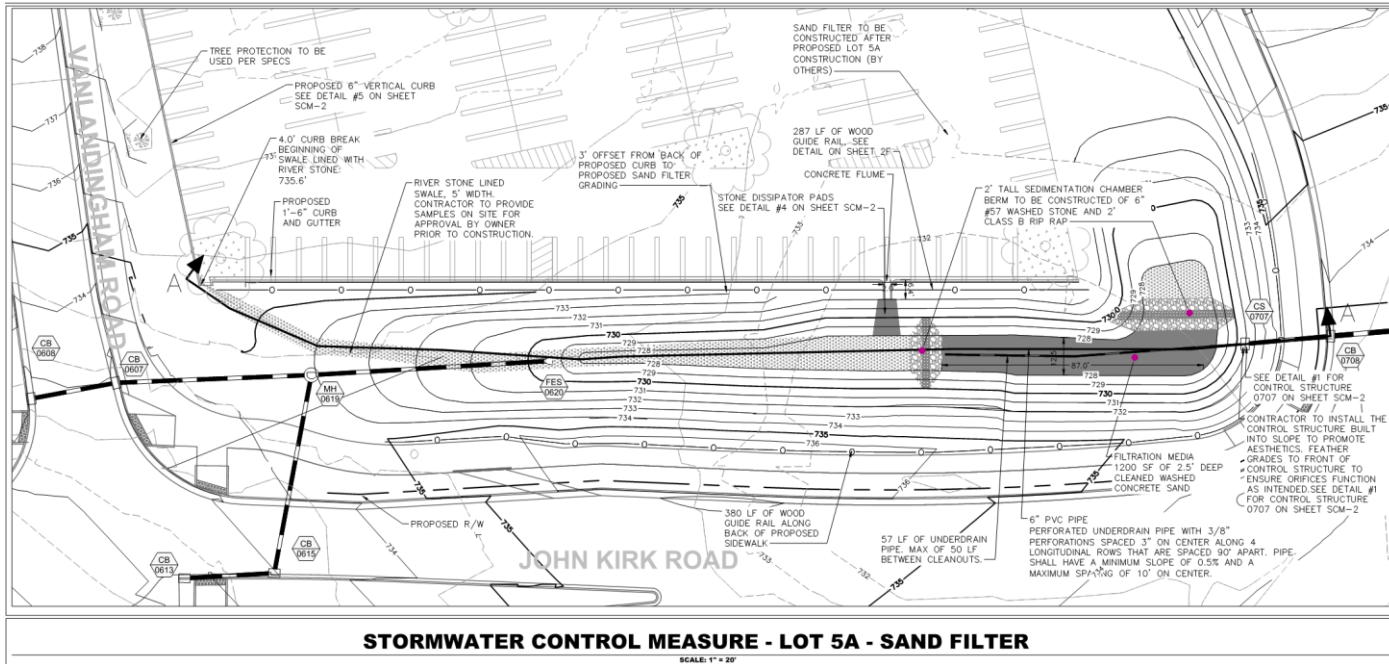


STORMWATER CONTROL MEASURE - MARTIN HALL - WET POND

SCALE: 1" = 20'



UNCC East Village Infrastructure Lot 5A SAND FILTER





UNCC East Village Infrastructure BID PACKAGES

- **BP-1 SITEWORK**

- **Contract #01 – Sitework**

- Site Clearing, Erosion Control, Earthwork, Traffic Control, Site Utilities, Paving, Site Concrete, Unit Paver, Segmental Block Retaining Wall, and Sheet Driven Pile Retaining Wall.

- **BP-2 ELECTRICAL**

- **Contract #02 – Site Lighting and Electrical**

- Includes new and relocations of street lighting (not designated by Duke), pedestrian lighting, and emergency blue light. (Work to coordinated with sitework phase plan)

- **BP-3 LANDSCAPING**

- **Contract #03 – Landscaping**

- Includes trees, misc plantings, sod, seed, littoral plantings, and river rock at ponds. (Work to coordinated with sitework phase plan)



UNCC East Village Infrastructure BID ALTERNATES

- Bid Alternate No. 1 – Martin Village Connector
 - New section of road including all sitework, site lighting, and landscaping is to be priced as an alternate.
- Bid Alternate No. 2 – Parking Lot 5 entrance Improvements
 - The parking lot improvements to line the entrance up with Martin Village Connector are to be priced as an alternate.
- Bid Alternate No. 3 – Wooden Guiderail at lot 5A BMP
 - This will be priced in a separate campus parking project as well.
- Bid Alternate No. 4 – Temporary Sediment Basin at Lot 5A
 - This will be priced in a separate campus parking project as well.



UNCC East Village Infrastructure PREFERRED ALTERNATES

- Bid Preferred Alternate 1 –
 - In accordance with General Statute GS133-3, specifications may list one or more preferred brands as an alternate to the base bid in limited circumstances. Specifications containing a preferred brand alternate under this section must identify the performance standards that support the preference. Performance standards for the preference must be approved in advance by the owner in an open meeting. Any alternate approved by the owner shall be approved where (i) the preferred alternate will provide cost savings, maintain or improve the functioning of any process or system affected by the preferred item or items, or both, and (ii) a justification identifying these criteria is made available in writing to the public.
 - In accordance with GS133-3 and SCO procedures the following preferred brand item is being considered as an Alternate by the owner for this project:
- **Bid Alternate No. 5:** Owner preferred alternate “Unit Pavers” – Provide Pine Hall, English Edge Pavers, (no substitutions) as described in Specification Section 321400



UNCC East Village Infrastructure ALLOWANCES

- Allowance No 1 – Site package to include 500 CY of unsuitable soil excavation, disposal off site, and replacement with suitable soil.
- Allowance No 2 – Site package to include 230 CY of rock excavation, disposal off site, and replacement with suitable soil.



UNCC East Village Infrastructure UNIT PRICES

- Unit price 1: CY Unsuitable Soil
 - (excavation, disposal off site, and replacement with suitable soil.)
- Unit price 2: CY Trench Rock
 - (excavation, disposal off site, and replacement with suitable soil.)
- Unit price 3: CY Rock
 - (excavation, disposal off site, and replacement with suitable soil.)



UNCC East Village Infrastructure PROJECT DOCUMENTS

- **Shiel Sexton Company, Inc. website – www.shiels Sexton.com**
 - Click “Subcontractor” at the bottom of the page – click “Shiel Sexton BuildingConnected Plan Room”. Please contact Josh Craft (jcraft@shiels Sexton.com) if you need assistance with the plan room.
- **Construct Connect at content@constructconnect.com, (800) 364-2059; representing Associated General Contractors (AGC) Carolinas Branch, Eastern Regional Office of Reed Construction Data in Norcross, GA, and Hispanic Contractors Association of the Carolinas (HCAC).**
- **North Carolina Offices of Dodge Data & Analytics (formerly McGraw-Hill Construction) – Customer Service – <http://dodgeprojects.construction.com>, (800) 393-6343**
- **Metrolina Minority Contractors Association (MMCA) – mmca@mmcaofcharlotte.org, (877) 526-6205**



UNCC East Village Infrastructure PRECONSTRUCTION DATES

• Important Dates

- BID QUESTIONS DUE – OCTOBER 13, 2020
 - Send bid questions to Josh Craft jcraft@shielsexton.com
 - Bid question need to be in writing.
- LAST ADDENDUM ISSUE – OCTOBER 15, 2020
- **BIDS DUE – OCTOBER 22, 2020 at 1:30**
 - See Notice to bidders for location and instructions
- BID OPENING – OCTOBER 22, 2020 at 2:00

- TENTATIVE START OF CONSTRUCTION – NOVEMBER 17, 2020
- TENTATIVE COMPLETION – MARCH 15, 2022



UNCC East Village Infrastructure BID DAY

- BID DAY – OCTOBER 22, 2020 at 1:30
 - Please note that any bid delivered to UNC Charlotte Facilities Management – Facilities Operations must be received no later than **1:30 p.m. on bid day** at the location noted below;
 - **BID SUBMITTAL PROCEDURES DURING COVID-19 CRISIS**
 - All hand delivered bids shall be dropped in the white Drop Box located next to the Motor Fleet parking spaces (<https://goo.gl/maps/KGphwNRyaFCBFXtj8>) in Lot 25 (second left entrance on Poplar Lane) in front of the Facilities Operations & Parking Services building (#92 on the campus map – <http://facilities.uncc.edu/maps>). **Bidders shall sign across the sealed flap on the envelope to ensure no tampering prior to the bid opening.**
 - Envelope should be marked “sealed bid included” and addressed as follows:
 - Attn: Ms. Kathy Fisher– Facilities Operations
 - **NOTE BID OPENING:** Not more than one (1) representative per company will be allowed to attend. Masks are required for anyone visiting the UNC Charlotte campus



UNCC East Village Infrastructure HUB COMPLIANCE

- HUB COMPLIANCE

- The bidder shall include with the bid proposal the form *Identification of Minority Business Participation* identifying the minority business participation it will use on the project and shall include either *Affidavit A* or *Affidavit B* as applicable. Forms and instructions are included within the Proposal Form in the bid documents. Failure to complete these forms is grounds for rejection of the bid. (GS143-128.2c Effective 1/1/2002.)
- HUB Participation Goal 15%
- Post meeting notes:
 - Good Faith Effort documentation to be issued in addendum
 - Last notification for Good Faith Effort by Oct 12, 2020.



UNCC East Village Infrastructure BONDS

- **BONDING**

- Bid Bonds not required for bids under \$500,000.
- Payment and Performance Bonds will be waived for bid packages under \$500,000