

CITY OF RICHMOND, VIRGINIA

DEPARTMENT OF PUBLIC WORKS

TRANSPORTATION ENGINEERING DIVISION



PATTERSON AVENUE BIKE LANES

FROM COMMONWEALTH AVENUE TO WILLOW LAWN DRIVE

CONCEPTUAL DESIGN PLANS

INDEX OF SHEETS

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PROJECT AREA LOCATION MAP
SCALE: 1"=500'

REVISIONS		
NO.	DATE	COMMENTS

CITY OF RICHMOND	
APPROVED FOR CONSTRUCTION	
DATE	PROJECT MANAGER
DATE	CITY TRANSPORTATION ENGINEER
DATE	MAINTENANCE ENGINEER
DATE	CAPITAL PROJECTS ADMINISTRATOR
DATE	CITY ENGINEER
DATE	DIRECTOR OF PUBLIC WORKS

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE CITY OF RICHMOND.

THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE CITY OF RICHMOND DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS, 2020 VDOT ROAD AND BRIDGE SPECIFICATIONS, 2022 VDOT ROAD AND BRIDGE SPECIFICATIONS UPDATE, 2016 VDOT ROAD AND BRIDGE STANDARDS (REVISED SEPTEMBER 2022), 2023 FHWA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), 2011 VIRGINIA SUPPLEMENT TO THE MUTCD, 2011 VIRGINIA WORK AREA PROTECTION MANUAL (REVISION 2.1), AND AS AMENDED BY CONTRACT PROVISIONS AND THE COMPLETE ELECTRONIC VERSION OF THE PLAN ASSEMBLY INCLUDING ALL REVISIONS.

NO PROPOSED RIGHT-OF-WAY OR PERMANENT EASEMENTS ARE REQUIRED.

THE ORIGINAL SIGNED/APPROVED TITLE SHEET, INCLUDING ORIGINAL SIGNATURES, IS FILED IN THE CITY OF RICHMOND DEPARTMENT OF PUBLIC WORKS OFFICE.

CITY OF RICHMOND
DEPARTMENT OF PUBLIC WORKS
DRAWING NO: 113457049

AUGUST 2025

Kimley»Horn

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Plotted By: Nwachukwu, Ekene
 Sheet: Set: Franklin Street Cycle Track Layout: 2 GENERAL NOTES AND LEGEND August 05, 2025 10:40:28am K:\BIC_TPTD\113457.cad\049_patterson_bike_lanes\3_project_data\CADD\Sheetset\2_GENERAL NOTES AND LEGEND.dwg
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GENERAL NOTES

- THIS PROJECT CONSISTS OF BICYCLE AND PEDESTRIAN MOBILITY AND SAFETY IMPROVEMENTS WITHIN THE EXISTING ROADWAY CROSS-SECTIONS OF PATTERSON AVENUE FROM COMMONWEALTH AVENUE TO WILLOW LAWN DRIVE IN THE CITY OF RICHMOND.
- THE CONTRACTOR SHALL PERFORM ALL WORK AND CONSTRUCT AND INSTALL ALL ITEMS WITHIN EXISTING CITY OF RICHMOND RIGHT OF WAY.
- ALL CONSTRUCTION AND MATERIALS SHALL CONFORM WITH THE LATEST STANDARDS AND SPECIFICATIONS OF THE CITY OF RICHMOND, THE LATEST STANDARDS AND SPECIFICATIONS OF THE VIRGINIA DEPARTMENT OF TRANSPORTATION (VDOT), THE FHWA 2009 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), AND THE VDOT SUPPLEMENT TO THE 2009 MUTCD, EXCEPT AS NOTED ON THE PLANS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE CITY OF RICHMOND PRIOR TO COMMENCING CONSTRUCTION.
- THE CONTRACTOR SHALL NOTIFY THE CITY PROJECT MANAGER 72 HOURS PRIOR TO THE BEGINNING OF CONSTRUCTION.
- THE LOCATION OF EXISTING SEWER, WATER OR GAS LINES, CONDUITS, OR OTHER STRUCTURES ACROSS, UNDERNEATH, OR OTHERWISE ALONG THE LINE OF PROPOSED WORK ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE LIABLE FOR ALL DAMAGE DONE TO ANY STRUCTURES OR PROPERTY THROUGH HIS/HER NEGLIGENCE OR CARELESSNESS.
- ALL UTILITY CLEARANCES ARE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE OBTAINED PRIOR TO CONSTRUCTION.
- ANY DEVIATIONS FROM THE APPROVED PLANS AND/OR STANDARDS AND SPECIFICATIONS MUST BE APPROVED BY THE CITY PROJECT MANAGER IN WRITING, PRIOR TO START OF WORK.
- IF A CONFLICT WITH THE PLANS AND FIELD CONDITIONS IS FOUND TO EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER BEFORE ANY WORK IS STARTED IN ORDER TO COORDINATE THE REMAINDER OF THE WORK TO BE DONE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING UTILITIES AND SHALL REPLACE AT NO ADDITIONAL COST, IF DAMAGED, AS DIRECTED BY THE CITY. EXISTING UTILITIES THAT ARE IN CONFLICT AND MAY NEED TO BE REMOVED OR RELOCATED, WILL BE COORDINATED BY THE CITY. RELOCATIONS OF CITY FACILITIES WILL BE ADMINISTERED BY THE CITY DEPARTMENT OF PUBLIC UTILITIES. IN CASE OF EMERGENCIES OF UTILITY BREAKAGE/CONFLICT CONTACT:

UTILITY	TELEPHONE NUMBERS
GAS	(804) 646-8300, (804) 646-8309, (804) 646-8310
WATER	(804) 646-8300, (804) 646-8309, (804) 646-8310
SEWER	(804) 646-8600, (804) 646-8426
POWER	(888) 667-3000
TRAFFIC SIGNAL	311, (804) 646-7000

- INSTALLATION DIMENSIONS SHOWN WITHIN THE PLANS ARE TYPICAL. MODIFICATION SHALL BE MADE AS REQUIRED UNDER APPROVAL FROM THE ENGINEER. THE CITY WILL MEET WITH THE CONTRACTOR TO FIELD VERIFY THE LOCATIONS OF THE PAVEMENT MARKINGS PRIOR TO INSTALLATION.
- DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE CITY OF RICHMOND.
- THE TOTAL DISTURBED AREA FOR THE PROJECT IS LESS THAN 10,000 SF, THIS PROJECT IS THEREFORE EXEMPT FROM THE NEED FOR A FORMAL E & S CONTROL PLAN.
- THE COMPLETE PAPER COPY OF THE PLAN ASSEMBLY AS AWARDED INCLUDING ALL SUBSEQUENT REVISIONS WILL BE THE SOLE OFFICIAL CONSTRUCTION PLANS.
- LOCATION OF EXISTING SIGNS, MANHOLES, STRUCTURES, LIGHT POLES, UTILITY POLES, AND DRAINAGE STRUCTURES, AS SHOWN ON THE PLANS ARE APPROXIMATE AS PROVIDED BY CITY GIS DATA. ALL EXISTING UTILITIES ARE NOT SHOWN IN THEIR EXACT LOCATIONS.
- ALL EXISTING RIGHT OF WAY LINES SHOWN ON THE PLANS ARE APPROXIMATE AS PROVIDED BY CITY GIS DATA. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER TO FIELD LOCATE ALL PROPOSED ITEMS ON THESE PLANS AND SHALL ENSURE ALL ITEMS ARE INSTALLED WITHIN EXISTING RIGHT OF WAY OR ON CITY-OWNED PROPERTY. THE LOCATION AND ORIENTATION OF ALL PROPOSED ITEMS SHALL BE FIELD VERIFIED AND APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
- ALL EXISTING SIGNS TO BE REMOVED BY THE CONTRACTOR SHALL BE SALVAGED AND RETURNED TO THE CITY OF RICHMOND TRANSPORTATION ENGINEERING DIVISION SHOP. THE CONTRACTOR SHALL CALL THE SHOP AT (804) 646-1466 THREE (3) BUSINESS DAYS IN ADVANCE TO SCHEDULE AN APPOINTMENT TO DROP OFF MATERIALS. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE DISPOSAL OF ANY EXISTING SIGNS REFUSED AT DELIVERY.
- ANY AREA THAT IS DISTURBED OUTSIDE OF THE LIMITS OF CONSTRUCTION DURING THE LIFE OF THIS PROJECT SHALL BE RESTORED AND REPAIRED AT THE EXPENSE OF THE CONTRACTOR.
- THE ENGINEER RESERVES THE RIGHT TO MAKE ANY CHANGES TO THESE PLANS AND TRAFFIC CONTROL AS DEEMED NECESSARY.
- ANY TRAFFIC CONTROL DEVICES INCLUDING BUT NOT LIMITED TO PAVEMENT MARKINGS, SIGNS, AND TRAFFIC CONTROL SIGNAL EQUIPMENT DAMAGED OR DESTROYED BY THE CONTRACTOR MUST BE REPLACED AT THE CONTRACTOR'S EXPENSE UNLESS THEIR REMOVAL OR DESTRUCTION IS CALLED FOR BY THE PLANS.
- THE CONTRACTOR SHALL REMOVE AND REPLACE SIDEWALKS DAMAGED FROM THE CONTRACTOR'S OPERATIONS IN FULL SECTIONS TO THE NEAREST JOINT. REPLACEMENT SIDEWALK MATERIAL SHALL MATCH THE EXISTING SIDEWALK TO THE GREATEST EXTENT PRACTICAL.










SIGNING AND STRIPING NOTES

- THE CONTRACTOR SHALL PREPARE THE PAVEMENT SURFACE FOR THE PROPER ADHESION, REGARDLESS OF PAVEMENT TYPE. ANY SWEEPING OR REMOVAL OF DEBRIS, GRAVEL, DIRT OR OTHER FOREIGN MATERIALS SHALL BE CONSIDERED AS INCIDENTAL TO THE INSTALLATION, AND NO SEPARATE PAYMENT THEREFORE.
- UNLESS SPECIFIED OTHERWISE, THE BASIS OF MEASUREMENT SHALL BE ALONG THE LONGITUDINAL CENTERLINE OF PAVEMENT MARKINGS. MEASUREMENT FOR LEGENDS SHALL BE PER MESSAGE, COMPLETE AND IN PLACE.
- ALL MARKINGS IMPROPERLY APPLIED OR LOCATED IN THE OPINION OF THE ENGINEER SHALL BE COMPLETELY REMOVED AND CORRECTLY REAPPLIED, AT THE SOLE EXPENSE OF THE CONTRACTOR.
- ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE SPECIFIED ON THE PLANS OR DIRECTED BY THE CITY OF RICHMOND.
- THERMOPLASTIC PAVEMENT MARKINGS SHALL NOT BE INSTALLED AT ANYTIME WITHIN A 48 HOUR PERIOD FOLLOWING A RAINFALL.
- COLORS SHALL CONFORM TO STANDARD HIGHWAY COLORS THROUGHOUT THE EXPECTED LIFE OF THE FILM.
- THE CONTRACTOR SHALL REMOVE COMPLETELY ALL PREVIOUS OR EXISTING PAVEMENT MARKINGS OR SIGNS, WHICH IN THE OPINION OF THE ENGINEER OR CITY'S INSPECTOR CONFLICT WITH THE PROPOSED PAVEMENT MARKINGS AND SIGNS.
- THE CONTRACTOR SHALL NOT INSTALL NEW PAVEMENT MARKINGS ON TOP OF ANY EXISTING MARKINGS.
- PRIOR TO APPLICATION, THE CONTRACTOR SHALL FIELD CHECK AND LOCATE ALL PAVEMENT MARKINGS TO THE SATISFACTION OF THE CITY PROJECT MANAGER.
- MARKINGS SHALL NOT BE APPLIED TO EXISTING CONCRETE GUTTER.
- MARKINGS SHALL NOT BE APPLIED TO NON-PAVEMENT SURFACES, INCLUDING BUT NOT LIMITED TO MANHOLES, VALVES, HANDHOLES, AND METERS. THE CONTRACTOR MAY LEAVE A GAP IN THE PROPOSED MARKING OR COVER THE APPURTENANCE DURING APPLICATION AND REMOVE ANY COVERING ONCE THE MARKING HAS BEEN APPLIED.
- MARKING MATERIAL SHALL BE APPLIED AT THE SPECIFIED DIMENSIONS AND AT A RATE TO RESULT IN A MARKING THICKNESS OF 90 MILS ±5 MILS (NOT INCLUDING GLASS BEAD TOP DRESSING).
- THE MARKINGS SHALL BE PROVIDED IN SPECIFIED WIDTHS AND SHAPES. PREFORMED WORDS AND SYMBOLS SHALL CONFORM TO THE APPLICABLE SHAPES AND SIZES AS OUTLINED IN THE 2023 MUTCD.
- UNLESS OTHERWISE SPECIFIED ON THE PLANS OR IN CONTRACT DOCUMENTS, ALL PAVEMENT MARKINGS AND LEGENDS IN THE PUBLIC RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH VDOT SPECIFICATIONS.
- SIGNS SHALL BE ERECTED WHERE DESIGNATED IN ACCORDANCE WITH THE PLANS. ALL SIGNS THAT REQUIRE MOUNTING SHALL BE ON STEEL U-CHANNEL POSTS INSTALLED DIRECTLY IN THE GROUND (2' MAXIMUM DEPTH - CONTRACTOR IS TO VERIFY LOCATION AND UTILITY CONFLICTS PRIOR TO INSTALLING).
- SIGN MOUNTING HEIGHT AND DISTANCE FROM FACE OF CURB SHALL CONFORM TO 2023 MUTCD GUIDELINES.
- FOR SIGN POST INSTALLATIONS INTO EXISTING CONCRETE OR BRICK SURFACES, NO SLEEVES SHALL BE USED. CONTRACTOR SHALL CORE THROUGH SURFACE AND INSTALL U-CHANNEL POSTS AS SPECIFIED.
- SIGN ATTACHMENTS TO EXISTING POLES MAY BE MADE AT THE CONTRACTOR'S DISCRETION, HOWEVER THEY MUST FIRST BE CONFIRMED ACCEPTABLE BY THE CITY PROJECT MANAGER.
- THE CITY PROJECT MANAGER OR HIS/HER DESIGNEE SHALL CONFIRM THAT ALL SIGN AND SIGN POSTS INSTALLATIONS ARE ACCEPTABLE TO THE CITY OF RICHMOND PRIOR TO PROJECT COMPLETION.
- PARKING AREAS SHALL BE NO CLOSER THAN 30' FROM A MARKED CROSSWALK, CURB RAMP, OR CURB RETURN WHERE THERE IS AN ADJACENT DEDICATED BIKE LANE. PARKING AREAS SHALL BE NO CLOSER THAN 20' FROM AN ALLEY OR DRIVEWAY WHERE THERE IS AN ADJACENT DEDICATED BIKE LANE. IF NO ADJACENT DEDICATED BIKE LANE IS PRESENT, PARKING AREAS SHALL BE NO CLOSER THAN 20' FROM A CROSSWALK, CURB RAMP, OR CURB RETURN. PARKING AREAS ARE NOT PERMITTED IN FRONT OF ALLEYS OR DRIVEWAYS, AND SHALL BE NO CLOSER THAN 15' FROM A FIRE HYDRANT.
- BUFFER AREA PAVEMENT MARKINGS SHALL NOT EXTEND INTO INTERSECTIONS, ALLEYS, OR DRIVEWAYS.
- IF BUFFER AREA IS GREATER THAN 4 FEET IN WIDTH, THE BUFFER AREA AT DRIVEWAYS SHALL END USING 4 FOOT RADIUS CURVES AS SHOWN ON PLANS, UNLESS OTHERWISE NOTED.
- IF ACTUAL ROADWAY CROSS SECTION IS LESS THAN THE WIDTH OF THE TYPICAL SECTION SHOWN ON THE PLANS, THE CONTRACTOR SHALL REDUCE THE WIDTH OF THE BUFFER BY THE DIFFERENCE IN WIDTH TO MAINTAIN 11' TRAVEL LANES AND 8' PARKING LANES.
- IF ACTUAL ROADWAY CROSS SECTION IS GREATER THAN THE WIDTH OF THE TYPICAL SECTION SHOWN ON THE PLANS, THE CONTRACTOR SHALL INCREASE THE WIDTH OF THE BUFFER AREA BY THE DIFFERENCE IN WIDTH TO MAINTAIN 11' TRAVEL LANES AND 8' PARKING LANES.
- CALLOUTS ON THE PLANS ARE NOT SHOWN FOR EACH INDIVIDUAL CHEVRON, FLEXI-POST, PAVEMENT MARKING, ETC. IF THE CONTRACTOR IS UNCLEAR WHICH PAY ITEM IS DENOTED IN THE PLANS, THE CONTRACTOR SHALL VERIFY THE ITEM WITH THE CITY PROJECT MANAGER OR ENGINEER.
- THE VERTICAL FLEXIBLE DELINEATOR (FLEXI-POST) SHOWN ON THE PLANS SHALL BE THE PEXCO FG300 MODEL UR OR EQUIVALENT, APPROVED EQUAL. THE PROPOSED VERTICAL WHITE FLEXIBLE DELINEATOR SHALL BE APPROVED BY THE CITY PROJECT MANAGER.
- STOP BARS SHALL BE 24" WIDE WHITE MARKINGS AND SHALL BE INSTALLED PERPENDICULAR TO THE PATH OF VEHICULAR TRAVEL.
- PROPOSED STOP BAR FOR TWO-WAY APPROACH SHALL EXTEND FROM FACE OF CURB TO CENTER OF ROADWAY OR TO MARKED CENTERLINE.
- IF EXISTING STOP BARS ARE IN GOOD CONDITION AND ARE GREATER THAN 4' FROM THE PROPOSED CROSSWALK, THEN AT THE DISCRETION OF THE CITY'S INSPECTOR THE EXISTING STOP BAR MAY REMAIN.
- ALL PROPOSED CROSSWALK MARKINGS SHALL BE PLACED CENTERED WITH PEDESTRIAN RAMPS AND AS SHOWN ON TYPICAL DETAIL UNLESS OTHERWISE NOTED ON THE PLANS.
- CROSSWALKS SHALL BE INSTALLED AS CLOSE TO PERPENDICULAR TO VEHICULAR TRAVEL AS PRACTICAL.

MAINTENANCE OF TRAFFIC NOTES

- ALL TEMPORARY TRAFFIC CONTROL, DEVICES, METHODS, AND APPLICATIONS SHALL COMPLY WITH THE MOST RECENT VERSIONS OF THE VIRGINIA WORK AREA PROTECTION MANUAL (VWAPM), THE FHWA 2009 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), SPECIAL PROVISIONS OF CONTRACT DOCUMENTS, THE CITY OF RICHMOND'S "DEPARTMENT OF PUBLIC WORKS SPECIAL PROVISIONS" AND/OR AS DIRECTED BY THE CITY PROJECT MANAGER, WHICHEVER IS MORE RESTRICTIVE TAKES PRECEDENCE.
- CONSTRUCTION SHALL BE PROHIBITED ON STREETS BETWEEN THE HOURS OF 7 AM TO 9 AM AND 3:30 PM TO 6 PM MONDAY THROUGH FRIDAY AND ON FEDERAL HOLIDAYS.
- THE CONTRACTOR SHALL SUBMIT A PROPOSED TRAFFIC CONTROL PLAN FOR APPROVAL BY THE CITY'S PROJECT MANAGER AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.
- RESIDENT AND EMERGENCY ACCESS SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
- PEDESTRIAN ACCESS AT INTERSECTIONS AND TO ALL RESIDENCES AND BUSINESSES SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL TRAFFIC CONTROL AND WORK-IN-STREETS PERMITS WITHIN THE CITY.
- THE COST OF ALL TRAFFIC CONTROL DEVICES SHALL BE PAID FOR BY THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING ALL EXISTING AND TEMPORARY TRAFFIC CONTROL DEVICES ARE PROPERLY MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION. THE CITY PROJECT MANAGER WILL DETERMINE IF SIGNS ARE BEING MAINTAINED IN THE PROPER MANNER BY THE CONTRACTOR. THE CONTRACTOR WILL BE CHARGED FOR ANY COSTS INCURRED BY THE CITY OF RICHMOND AS A RESULT OF THE CONTRACTOR'S FAILURE TO PROPERLY MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES WITHIN THE PROJECT AREA.
- THE CONTRACTOR SHALL PROVIDE THE NAMES AND PHONE NUMBERS TO THE CITY PROJECT MANAGER OF PERSONS DESIGNATED BY THE CONTRACTOR TO BE CONTACTED AFTER WORKING HOURS CONCERNING ANY PROBLEMS WHICH MAY ARISE REGARDING TEMPORARY TRAFFIC CONTROL DEVICES ON THIS PROJECT.
- ALL MATERIALS AND EQUIPMENT SHALL BE DELIVERED, UNLOADED, AND STORED AT LOCATIONS APPROVED BY THE CITY PROJECT MANAGER. THE CONTRACTOR SHALL MAKE ARRANGEMENTS TO STORE EQUIPMENT AND MATERIALS.
- PERSONAL VEHICLES OF THE CONTRACTOR'S EMPLOYEES SHALL NOT BE PARKED IN THE TRAVELED WAY OF ANY ROADWAY AT ANY TIME, INCLUDING ANY SECTION OF ROADWAY CLOSED TO TRAFFIC.

UTILITY AND SIGN LEGEND

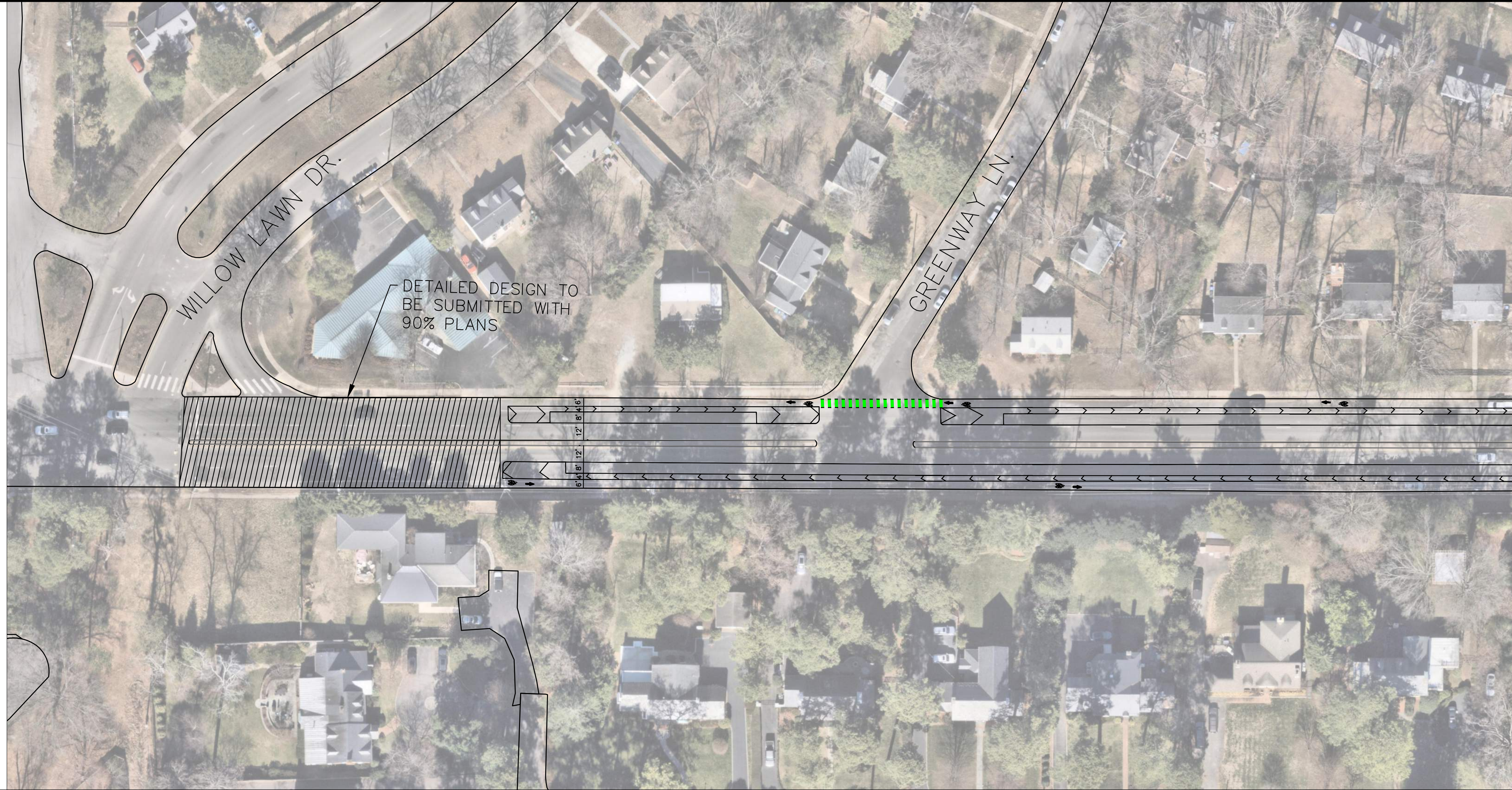
- | | | | |
|---|-----------------------|---|------------------------------|
|  | EXISTING UTILITY POLE |  | EXISTING HYDRANT |
|  | EXISTING LIGHT POLE |  | EXISTING GROUND MOUNTED SIGN |
|  | EXISTING SIGNAL POLE |  | PROPOSED GROUND MOUNTED SIGN |
|  | EXISTING MANHOLE |  | PROPOSED FLEXIBLE DELINEATOR |
|  | EXISTING STORM DRAIN | | |

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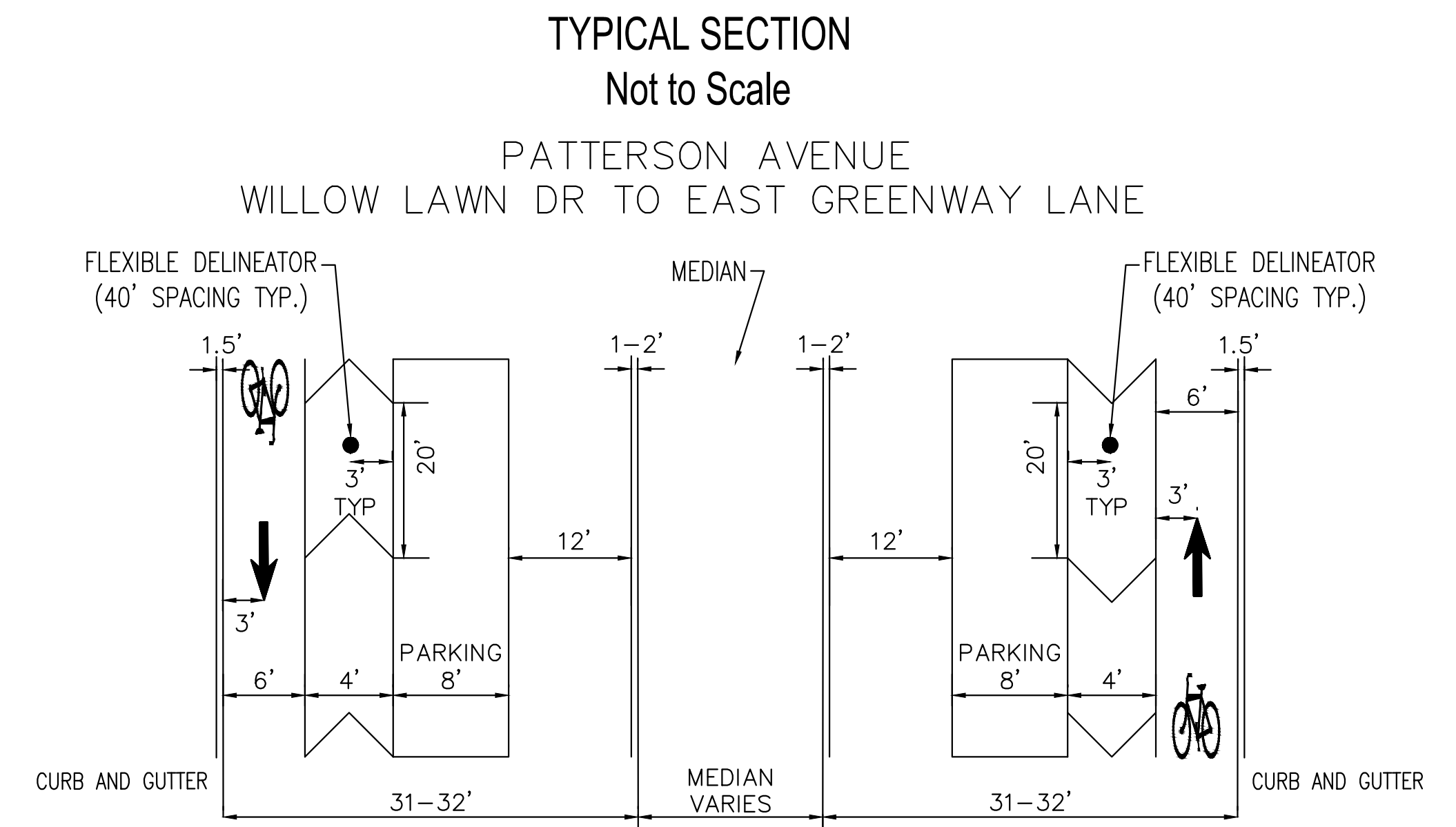
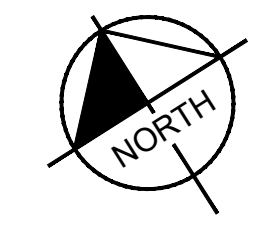
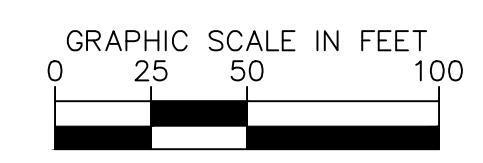
No.	REVISIONS	DATE	BY

 <p>© 2021 KIMLEY-HORN AND ASSOCIATES, INC. 2035 MAYWILL STREET, SUITE 200, RICHMOND, VA 23230 PHONE: 804-673-3882 WWW.KIMLEY-HORN.COM</p>	KHA PROJECT 113457049 DATE AUGUST 2025 SCALE NTS DESIGNED BY LAM DRAWN BY EUN CHECKED BY DMC	 <p>CITY OF RICHMOND PATTERSON AVENUE BIKE LANES</p>	<p>CITY OF RICHMOND VIRGINIA</p>	<p>GENERAL NOTES AND LEGEND</p>	<p>SHEET NUMBER 2</p>
	<p>2035 MAYWILL STREET, SUITE 200, RICHMOND, VA 23230 PHONE: 804-673-3882 WWW.KIMLEY-HORN.COM</p>				

Plotted By: Nwachukwu, Ekeke
 Sheet Set: Franklin, Street, Cycle, Track, Layout: 3, SIGNING AND MARKING PLANS, August 05, 2025, 10:40:40am
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KHA PROJECT 113457049
DATE AUGUST 2025
SCALE 1"=50'
DESIGNED BY LAM
DRAWN BY EJN
CHECKED BY DMC

CITY OF RICHMOND
PATTERSON AVENUE BIKE LANES

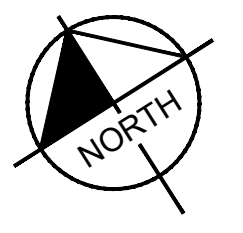
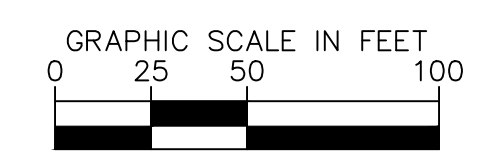
CITY OF RICHMOND VIRGINIA

SIGNING AND MARKING PLANS

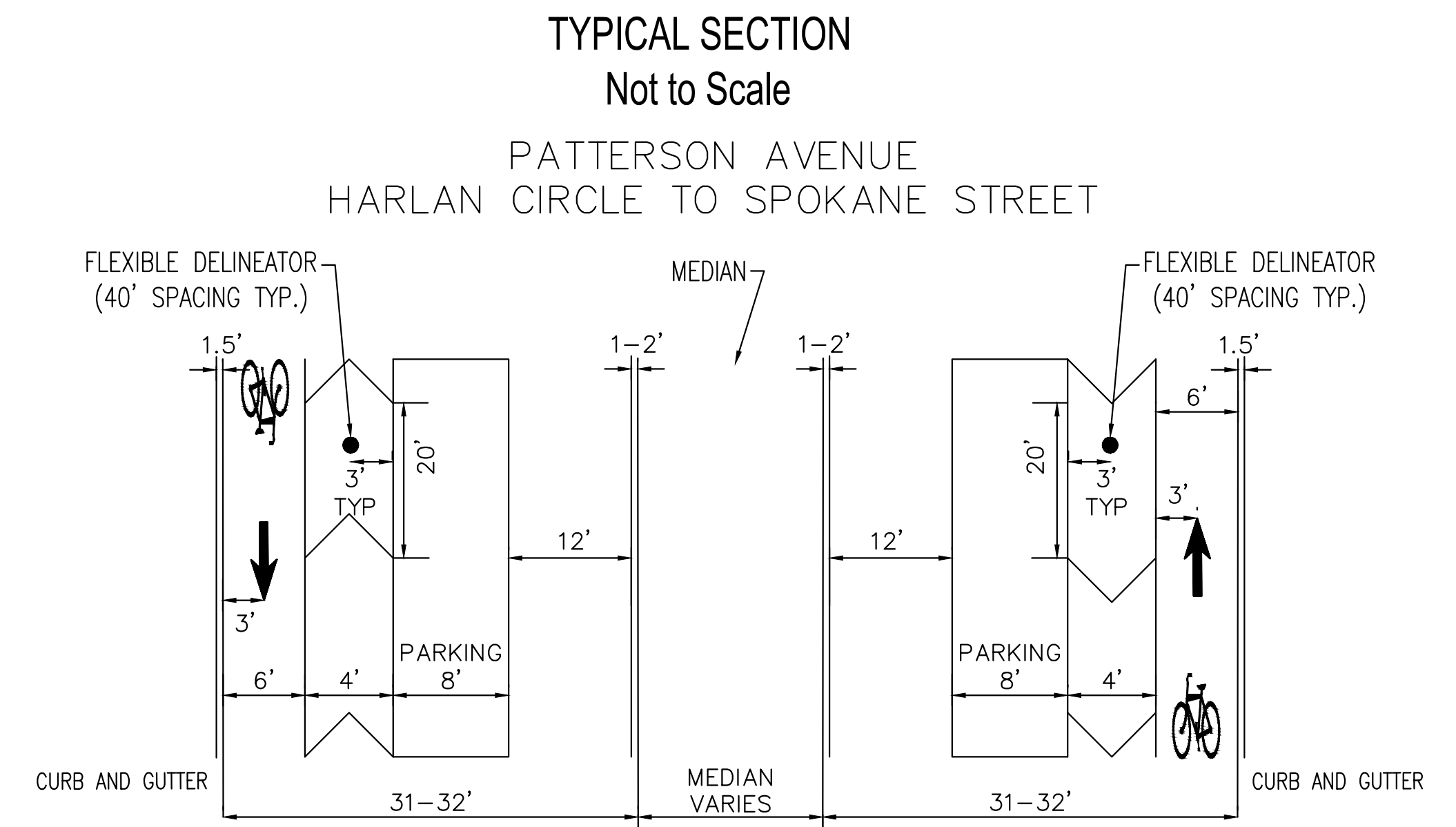
WILLOW LAWN DRIVE TO GREENWAY LANE

SHEET NUMBER 3

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KHA PROJECT 113457049
DATE AUGUST 2025
SCALE 1"=50'
DESIGNED BY LAM
DRAWN BY EJN
CHECKED BY DMC

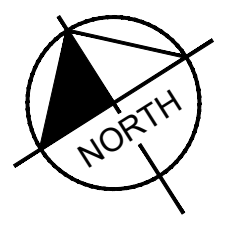
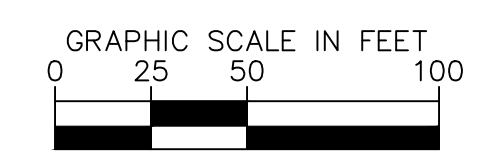
CITY OF RICHMOND
 PATTERSON AVENUE BIKE LANES

CITY OF RICHMOND VIRGINIA

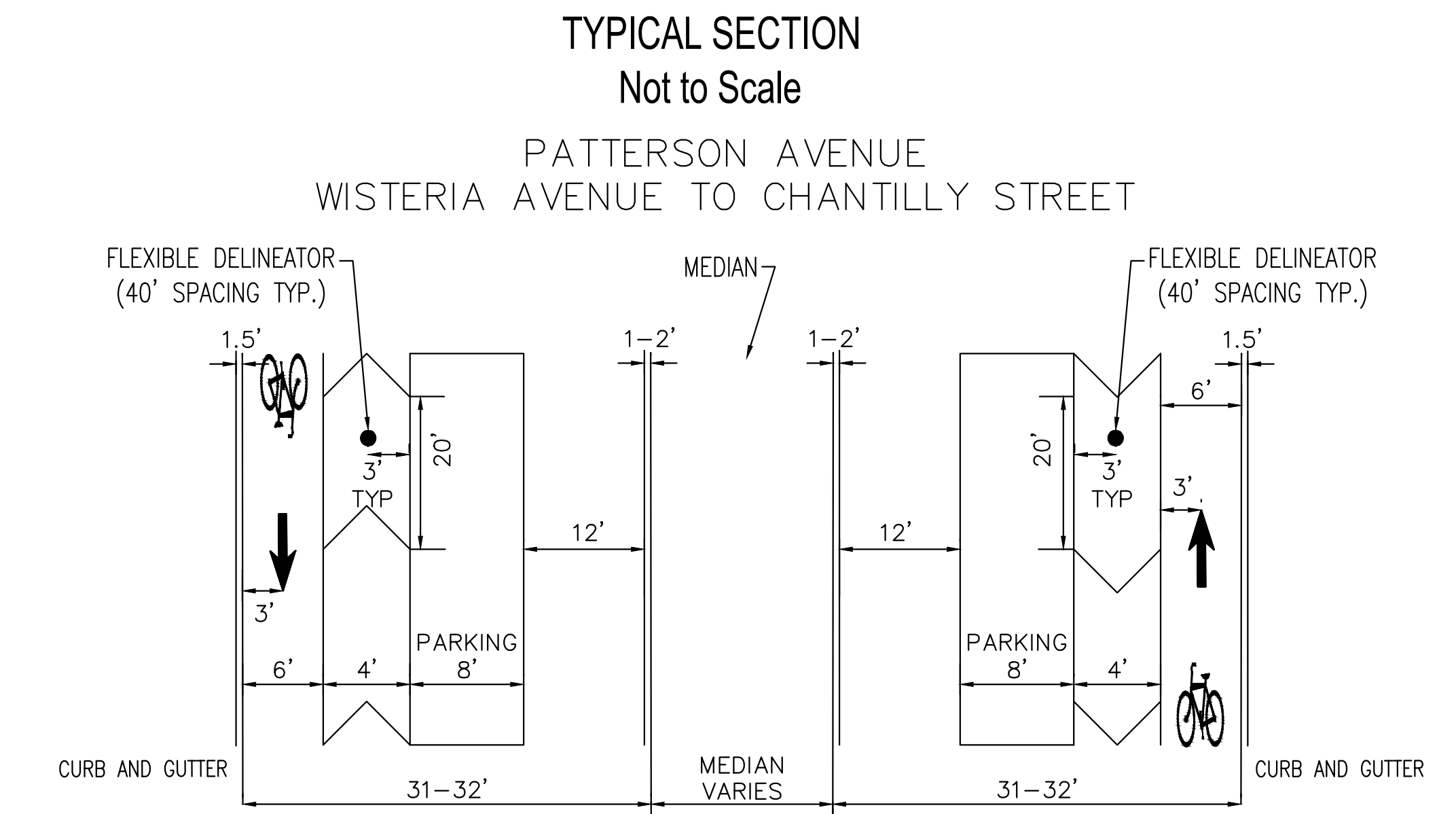
SIGNING AND MARKING PLANS
 HARLAN CIRCLE TO SPOKANE STREET

SHEET NUMBER 4

Plotted By: Nwachukwu, Ekeke
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KHA PROJECT	113457049
DATE	AUGUST 2025
SCALE	1"=50'
DESIGNED BY	LAM
DRAWN BY	EJN
CHECKED BY	DMC



CITY OF RICHMOND
 PATTERSON AVENUE BIKE LANES

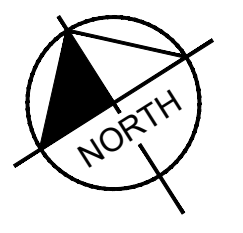
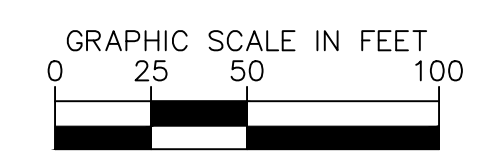
CITY OF RICHMOND VIRGINIA

SIGNING AND MARKING PLANS
 WISTERIA AVENUE TO CHANTILLY STREET

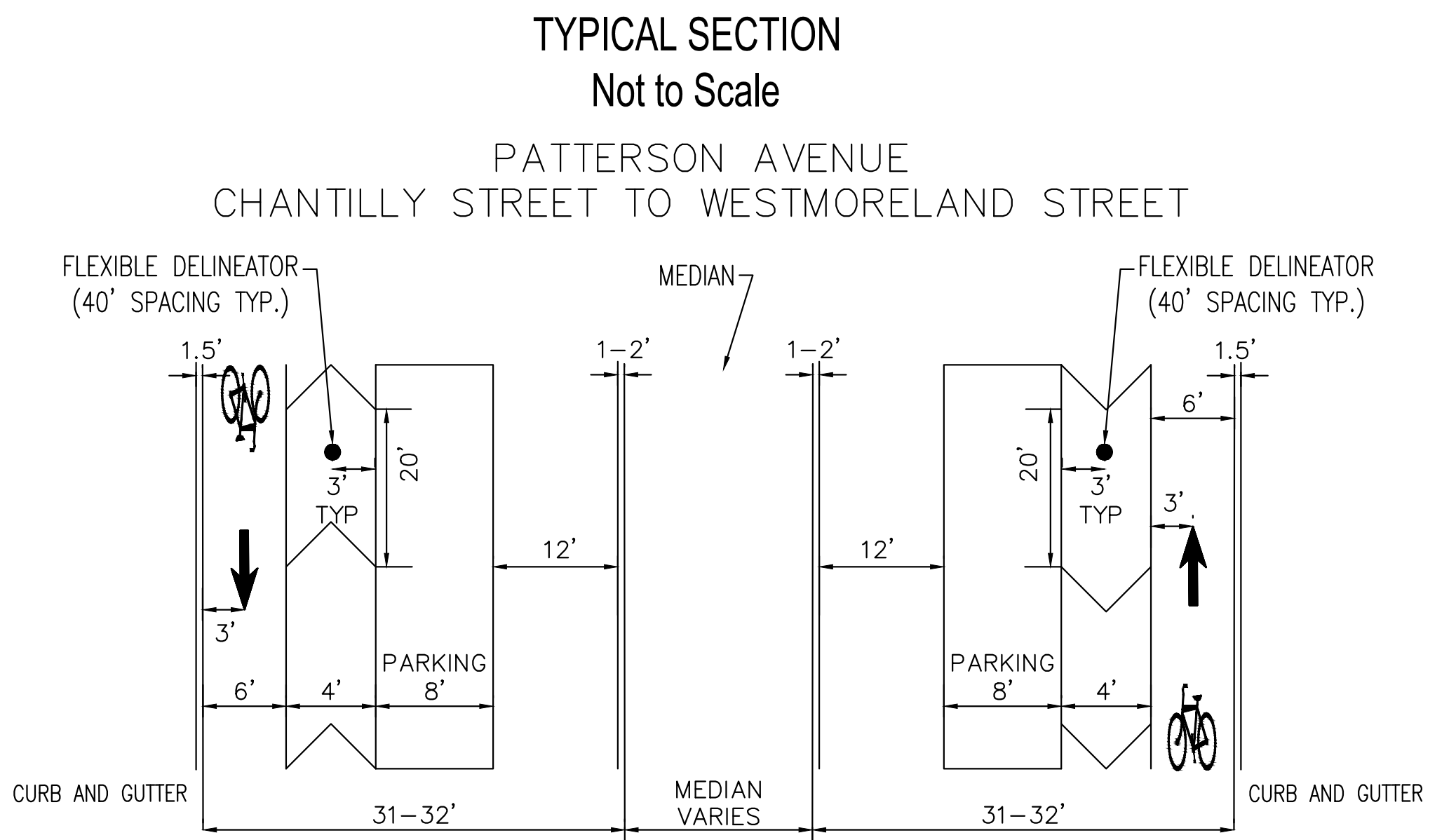
SHEET NUMBER

5

Plotted By: Nwachukwu, Ekeke
 Sheet Set: Franklin Street Cycle Track - Layout: 6. SIGNING AND MARKING PLANS - August 1, 2025 10:41:17am
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 WWW.KIMLEY-HORN.COM

KHA PROJECT 113457049
DATE AUGUST 2025
SCALE 1"=50'
DESIGNED BY LAM
DRAWN BY EJN
CHECKED BY DMC

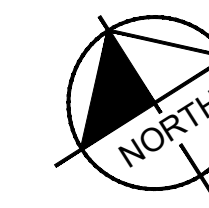
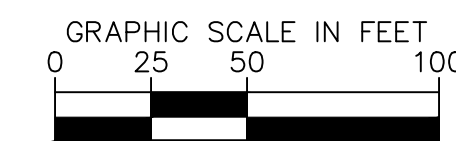
CITY OF RICHMOND
 PATTERSON AVENUE BIKE LANES

CITY OF RICHMOND VIRGINIA

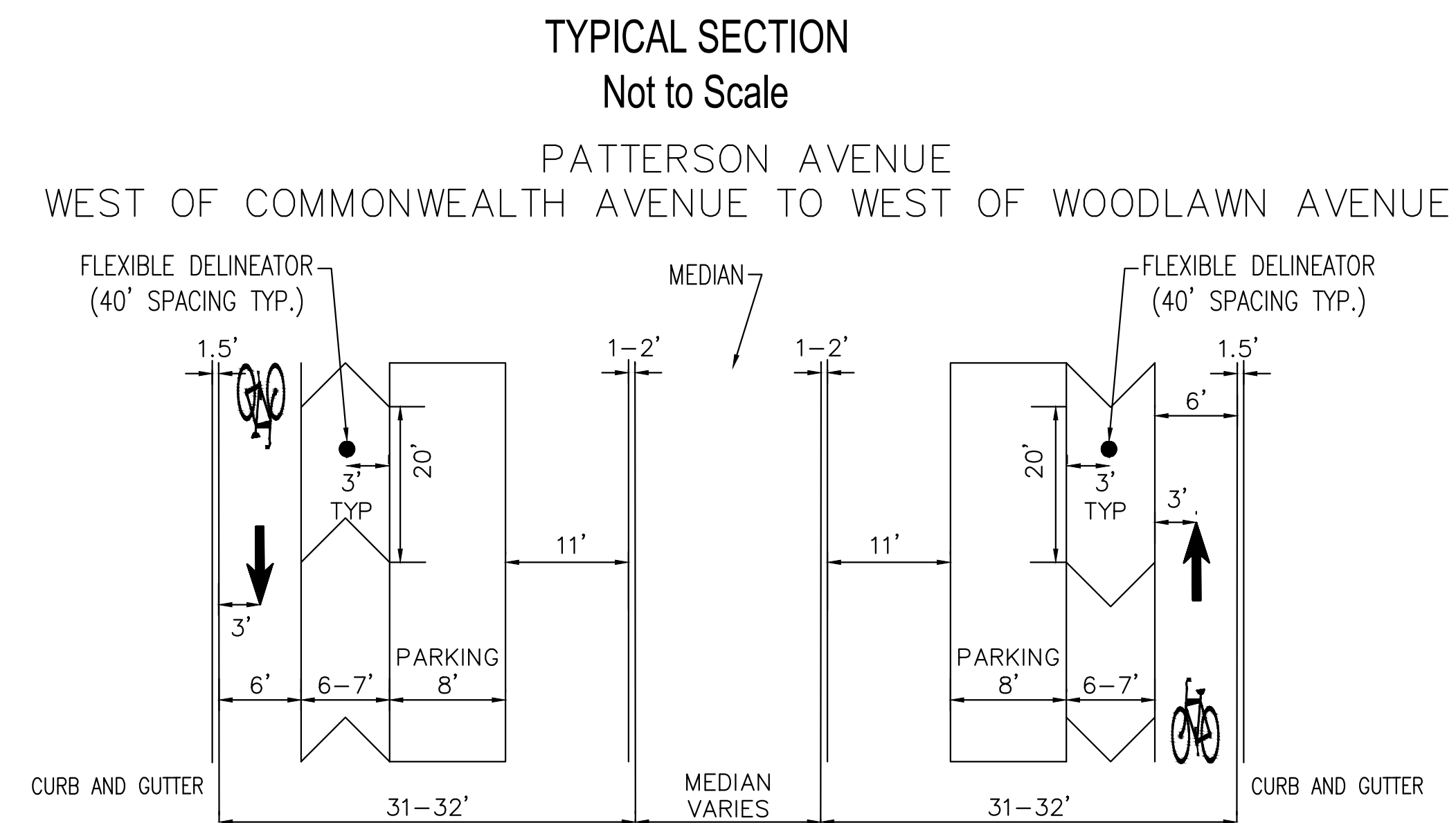
SIGNING AND MARKING PLANS
 CHANTILLY STREET TO WESTMORELAND
 STREET

SHEET NUMBER 6

Plotted By: Nwachukwu, Ekeke
 Sheet Set: Franklin, Street, Cycle, Track, Layout: 7, SIGNING AND MARKING PLANS, August 1, 2025, 10:41:27am
 K:\RICHMOND\113457_ric_op_coll\049_patterson_bike_lane\3, project, data\CADD\Sheet\DESIGNSHEETS.dwg
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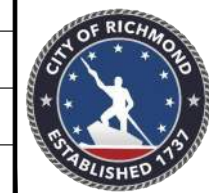
THESE PLANS ARE UNFINISHED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.



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**CITY OF RICHMOND
PATTERSON AVENUE BIKE LANES**

VIRGINIA

SIGNING AND MARKING PLANS
COMMONWEALTH AVENUE TO PATTERSON AVENUE

SHEET NUMBER

7

No.	REVISIONS	DATE	BY