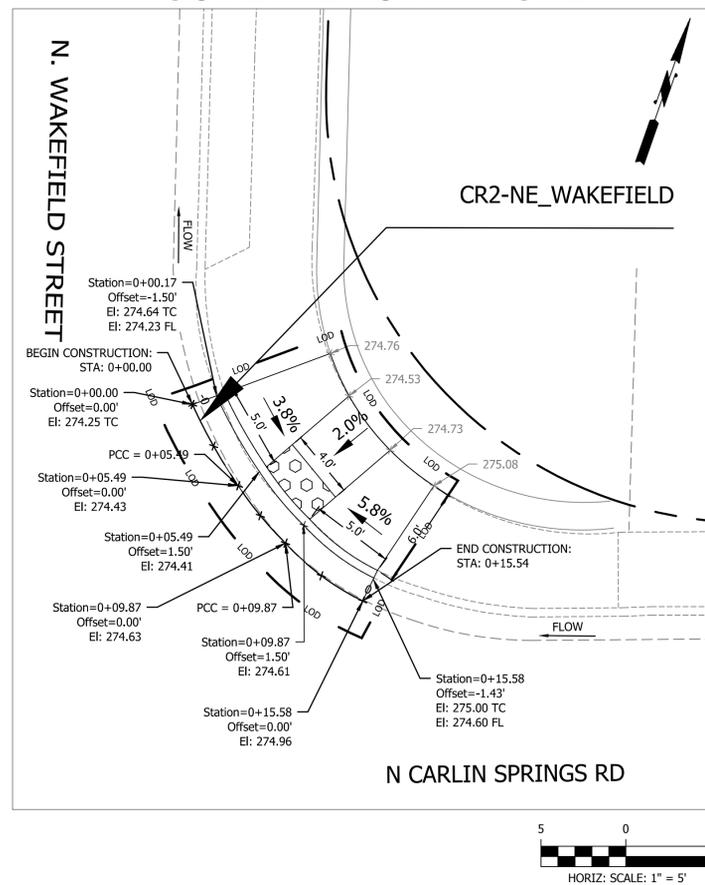
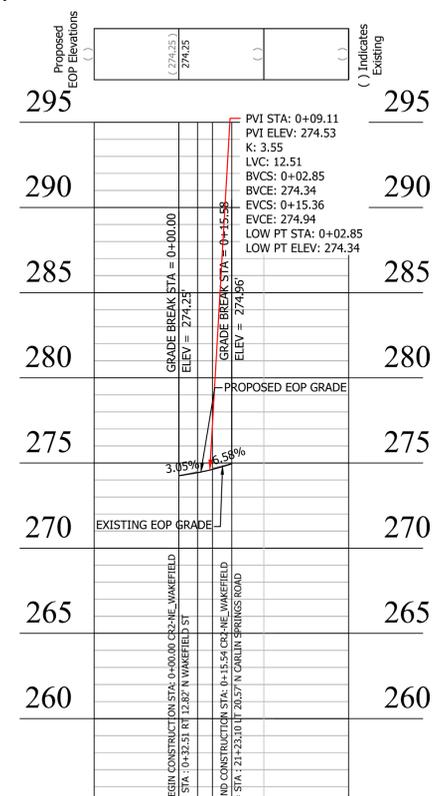


CURB RETURN - CR2



PV - CR2-NE_WAKEFIELD

(STATIONING ALONG EDGE OF PAVEMENT)



SEAL



APPROVALS DATE

 12.10.2019
 QUALITY CONTROL ENGINEER
 12/10/19
 CONSTRUCTION MANAGEMENT SUPERVISOR
 12/10/19
 WATER, SEWER, STREETS BUREAU CHIEF
 12/10/19
 TRANSPORTATION DIRECTOR
 12/10/19
 PROJECT MANAGER

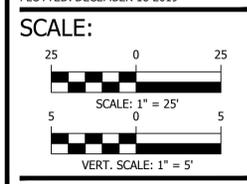
REVISIONS DATE

REVISIONS	DATE

N. CARLIN SPRINGS ROAD
 DC14
AT N EDISON STREET AND AT N WAKEFIELD STREET
RAMP DETAILS WAKEFIELD CR2

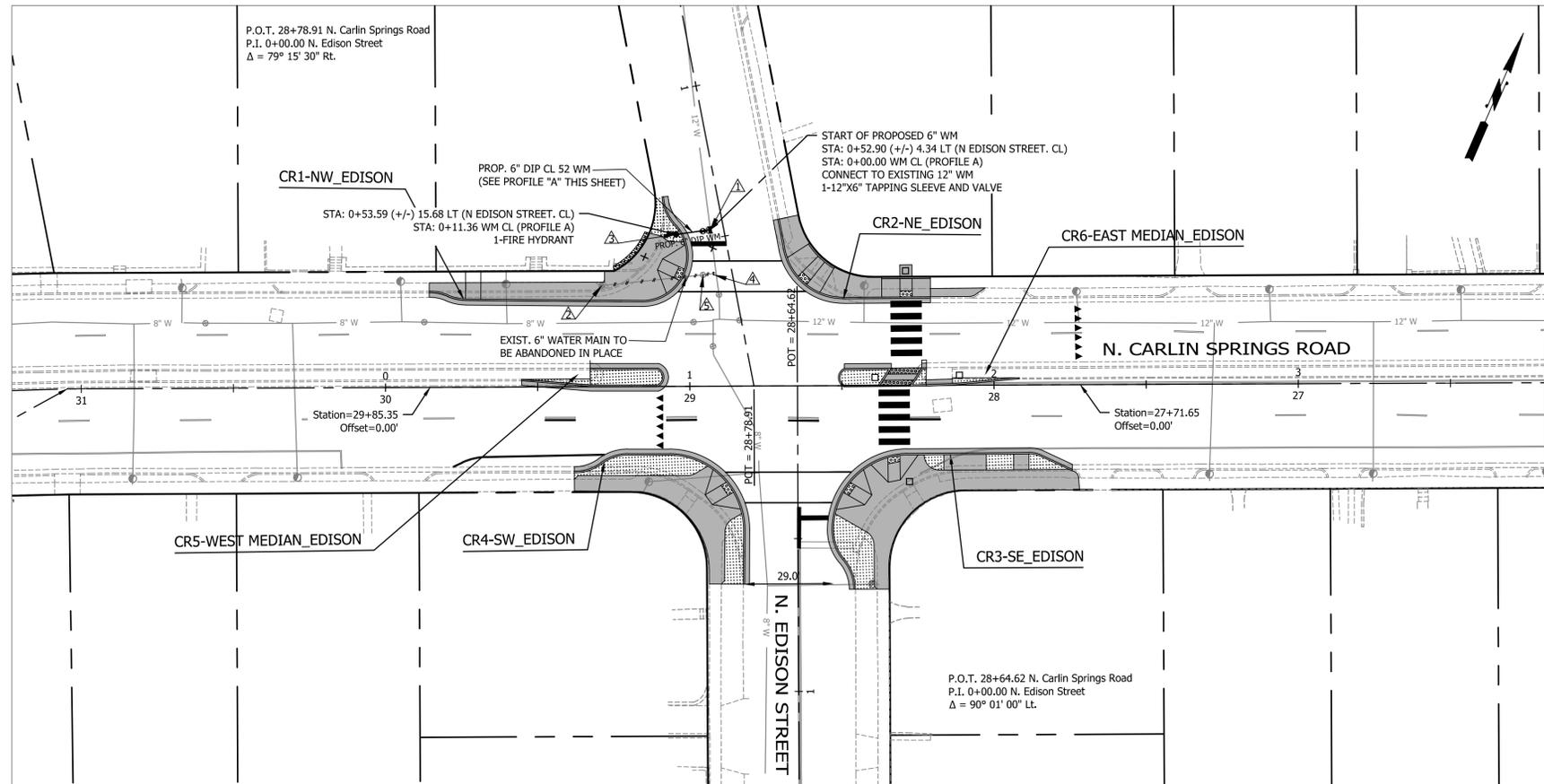
DESIGNED: J. ROJAS
 DRAWN: J. ROJAS
 CHECKED: P. RIGBY
 MISS UTILITY TRANSMITTAL #: 5362-D

PLOTTED: DECEMBER 18 2019



REVISED ON 05/23/2018

N EDISON STREET - PROPOSED 6-INCH FIRE HYDRANT ASSEMBLY



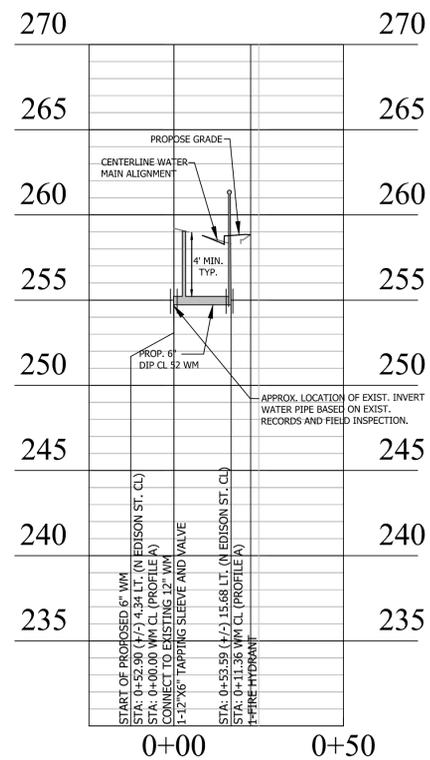
NOTES:

--- 6" W --- INDICATES EXISTING WATER MAIN TO BE ABANDONED IN PLACE AFTER THE CONSTRUCTION OF THE PROPOSED WATER MAIN. THE CONTRACTOR IS REQUIRED TO PERFORM TEST HOLES TO DETERMINE AND PROVIDE UTILITY CROSSINGS INFORMATION TO COUNTY PROJECT ENGINEER AND RECEIVE A FINAL CONSTRUCTION PLAN TO PROCEED CONSTRUCTION WORKS

WATER MAIN CONSTRUCTION NOTES:

1. INSTALL NEW 12" X 6" TAPPING SLEEVE AND VALVE
2. EXISTING FIRE HYDRANT TO BE REMOVED AND DISPOSED. THE CONTRACTOR IS REQUIRED TO CAP THE HYDRANT LEAD PIPE, INSTALL THRUST RESTRAINED BEHIND THE VALVE, ABANDON THE EXISTING VALVE IN PLACE AND REMOVE THE VALVE BOX AND STABILIZED THE VOID.
3. INSTALL NEW FIRE HYDRANT
4. CUT & CAP EXISTING 6" WM AT EXISTING 12" WM.
5. REMOVE AND DISPOSE EXISTING VALVE BOX AND COVER

PROFILE "A"



WATERMAIN NOTES:

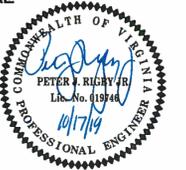
1. JOINTS TO BE RESTRAINED FOR PROFILE "A".



DEPARTMENT OF ENVIRONMENTAL SERVICES
 FACILITIES & ENGINEERING DIVISION
 ENGINEERING BUREAU
 2100 CLARENDON BOULEVARD, SUITE 813
 ARLINGTON, VA 22201
 PHONE: 703.228.3629
 FAX: 703.228.3606

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SEAL



APPROVALS DATE

<i>[Signature]</i>	12.10.2019
QUALITY CONTROL ENGINEER	
<i>[Signature]</i>	12/10/19
CONSTRUCTION MANAGEMENT SUPERVISOR	
<i>[Signature]</i>	12/17/19
WATER, SEWER, STREETS BUREAU CHIEF	
<i>[Signature]</i>	12/17/19
TRANSPORTATION DIRECTOR	
<i>[Signature]</i>	12/17/19
PROJECT MANAGER	

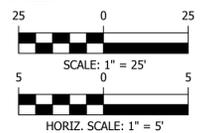
REVISIONS DATE

NO.	DESCRIPTION	DATE

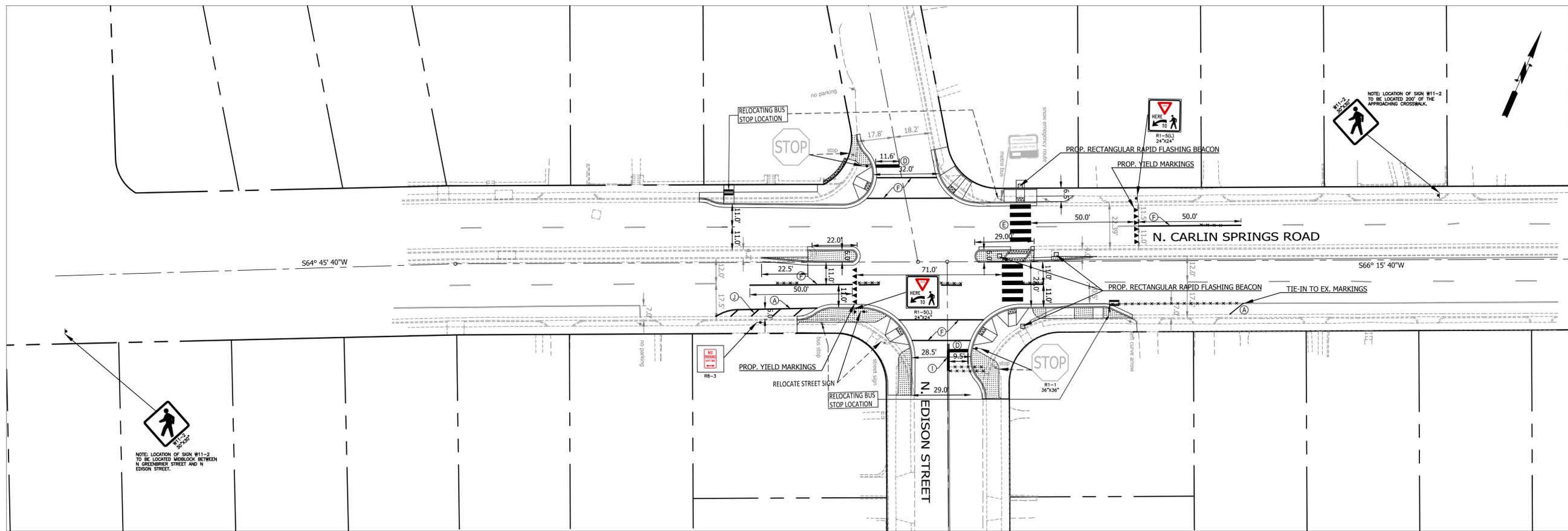
N. CARLIN SPRINGS ROAD
 DC14
 AT N EDISON STREET AND AT N WAKEFIELD STREET
 WATERMAIN_EDISON

DESIGNED: J. ROJAS
 DRAWN: J. ROJAS
 CHECKED: P. RIGBY
 MISS UTILITY TRANSMITTAL #: 5362-D
 PLOTTED: DECEMBER 18 2019

SCALE:



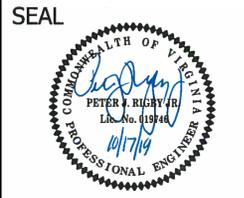
FILENAME: DC14-240-WATERMAIN_PLAN_AND_PROFILE_EDISON.DWG PATH: C:\DATA\DC14\DESIGN\CAD\90.100.PCT ARCHIVE PLOTTED BY: JROJAS



ARLINGTON VIRGINIA

DEPARTMENT OF ENVIRONMENTAL SERVICES
 FACILITIES & ENGINEERING DIVISION
 ENGINEERING BUREAU
 2100 CLARENDON BOULEVARD, SUITE 813
 ARLINGTON, VA 22201
 PHONE: 703.228.3629
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APPROVALS DATE

Quality Control Engineer: *[Signature]* 12.10.2019

Construction Management Supervisor: *[Signature]* 12/10/19

Water, Sewer, Streets Bureau Chief: *[Signature]* 12/11/19

Transportation Director: *[Signature]* 12/11/19

Project Manager: *[Signature]* 12/01/19

REVISIONS	DATE

NOTE:
 * = CONTRACTOR TO PROVIDE 2 - 4" PVC SLEEVE FOR BUS STOP POLE.

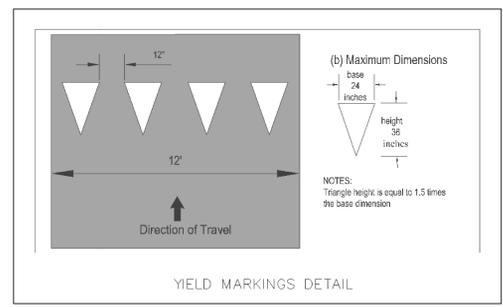
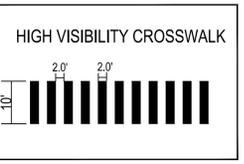
STANDARD PAVEMENT MARKING LEGEND:

(A) TYPE B CLASS 1.....WHITE 4" WIDTH	PARKING LANES, EDGE LINES, LANE LINES
(B) TYPE B CLASS 1.....WHITE 4" WIDTH, 10' LONG, 30' SPACING	DASHED LANE LINES
(C) TYPE B CLASS 1.....WHITE 4" WIDTH, 2' LONG, 10' SPACING	LANE TRANSITIONS, TURN LANE SKIPS
(D) TYPE B CLASS 1.....WHITE 18" WIDTH	STOP BARS
(E) TYPE B CLASS 1.....WHITE 24" WIDTH	CONTINENTAL CROSS WALKS
(F) TYPE B CLASS 1.....WHITE 6" WIDTH	TURN LANES, TRANSVERSE CROSSWALKS, BIKE LANES
(G) TYPE B CLASS 1.....YELLOW 4" WIDTH, 10' LONG, 30' SPACING	DIVIDED TRAFFIC, TWO WAY TURN LANES
(H) TYPE B CLASS 1.....YELLOW 4" WIDTH	EDGE LINES
(I) TYPE B CLASS 1.....YELLOW 4" WIDTH, DOUBLE LINE, 4" SPACING	CENTERLINES
(J) TYPE B CLASS 1.....WHITE 6" WIDTH, 10' SPACING @45 DEGREE	HATCH LINES, SAFETY ZONES
(K) TYPE B CLASS 1.....WHITE SINGLE ARROW	TURN LANES
(L) TYPE B CLASS 1.....WHITE COMBINATION ARROW	TURN LANES
(M) TYPE B CLASS 1.....WHITE 8" LETTERS	PAVEMENT LETTERS (STOP, YIELD, BUS, ONLY etc.)
(N) TYPE B CLASS 1.....WHITE 6" WIDTH, 2' LONG, 10' SPACING	LANE TRANSITIONS, TURN LANE SKIPS
(O) TYPE B CLASS 1.....WHITE 12" WIDTH, 20' SPACING @45 DEGREE	GORE MARKINGS
(P) TYPE B CLASS 1.....YELLOW 12" WIDTH, 20' SPACING @45 DEGREE	GORE MARKINGS
(Q) TYPE B CLASS 1.....WHITE 6" WIDTH, 2' LONG, 4" SPACING	LANE TRANSITIONS
(R) TYPE B CLASS 1.....WHITE 4" WIDTH, DOUBLE LINE, 4" SPACING	CURB EXTENSIONS

- SIGN AND PAVEMENT MARKING NOTES:**
- STREET WIDTH MEASUREMENTS ARE FROM FACE OF CURB TO FACE OF CURB. LANES ARE MEASURED FROM CENTER OF MARKING TO CENTER OF MARKING.
 - CONTACT DENNIS HOWELL OR HIS DESIGNEE AT 703-228-6598 OR (571) 437-1077 TO APPROVE MARKING LAYOUT 48 HRS. PRIOR TO INSTALLATION OF MARKINGS.
 - PAVEMENT MARKINGS TO BE IN ACCORDANCE WITH THE FOLLOWING AND ANY REVISIONS HERE TO:
 A.) THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
 B.) ARLINGTON COUNTY MARKING STANDARDS.
 - ALL MARKINGS SHALL BE THERMOPLASTIC PER ARLINGTON COUNTY MARKING STANDARDS.
 - STOP BARS SHALL BE A MINIMUM OF 4" IN ADVANCE OF A MARKED CROSSWALK. IF THERE IS NO MARKED CROSSWALK, STOP BAR SHALL BE NO MORE THAN 30' FROM THE NEAREST EDGE OF THE INTERSECTED TRAVELED WAY.
 - CROSSWALKS SHALL BE 10' WIDE UNLESS OTHERWISE NOTED.
 - LEFT TURN ARROWS SHALL BE LOCATED 25' BACK FROM STOP BAR, FOR ADDITIONAL ARROWS FOLLOW COUNTY MARKING STANDARDS.
 - ON-STREET PARKING LANE IS 7' WIDE (UNLESS OTHERWISE NOTED) AND MARKED WITH 4" WIDE WHITE LINES. BEGINNING AND END OF PARKING SHALL BE MARKED WITH AN END LINE PERPENDICULAR TO CURB EXCEPT AT NUBS OR WHERE OTHERWISE INDICATED.
 - SHARED LANE MARKINGS SHALL BE PLACED IN CENTER OF LANE, 250' APART UNLESS OTHERWISE SPECIFIED.
 - BIKE LANE SYMBOLS TO BE PLACED 330' APART UNLESS OTHERWISE SPECIFIED.

LEGEND

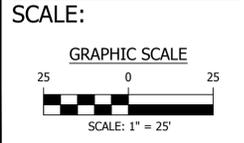
EXISTING	PROPOSED

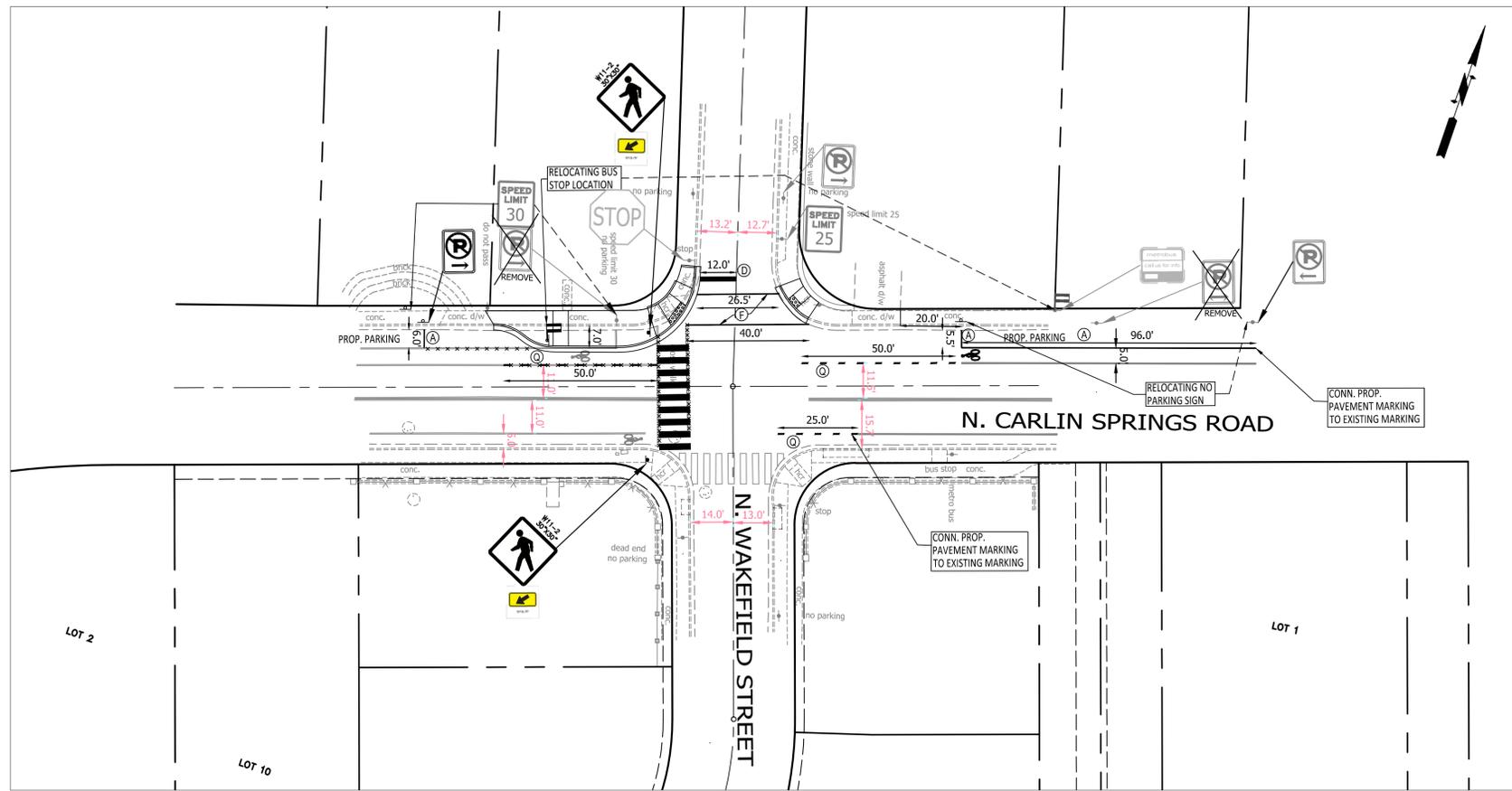


NOTE:
 * * * * * = ERADICATION OF MARKING

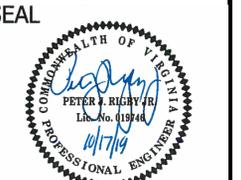
N. CARLIN SPRINGS ROAD
 DC14
 AT N EDISON STREET AND AT N WAKEFIELD STREET
SIGNAGE AND STRIPING PLAN_EDISON

DESIGNED: J. ROJAS
 DRAWN: J. ROJAS
 CHECKED: P. RIGBY
 MISS UTILITY TRANSMITTAL #: 5362-D
 PLOTTED: DECEMBER 18 2019





NOTE:
 * = CONTRACTOR TO PROVIDE 2 - 4" PVC SLEEVE FOR BUS STOP POLE.



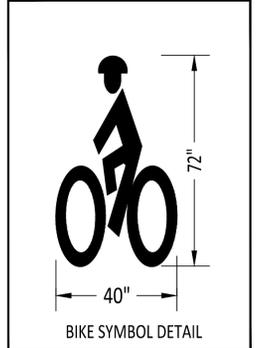
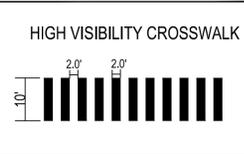
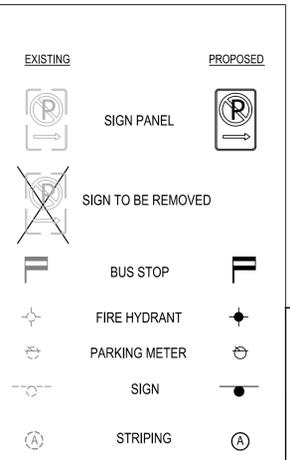
APPROVALS	DATE
<i>[Signature]</i>	12.10.2019
QUALITY CONTROL ENGINEER	
<i>[Signature]</i>	12/10/19
CONSTRUCTION MANAGEMENT SUPERVISOR	
<i>[Signature]</i>	12/11/19
WATER, SEWER, STREETS BUREAU CHIEF	
<i>[Signature]</i>	04/11/19
TRANSPORTATION DIRECTOR	
<i>[Signature]</i>	12/09/19
PROJECT MANAGER	

REVISIONS	DATE

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Ⓡ TYPE B CLASS 1.....WHITE 4" WIDTH, DOUBLE LINE, 4" SPACING	CURB EXTENSIONS

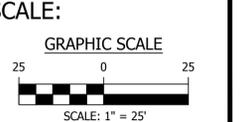
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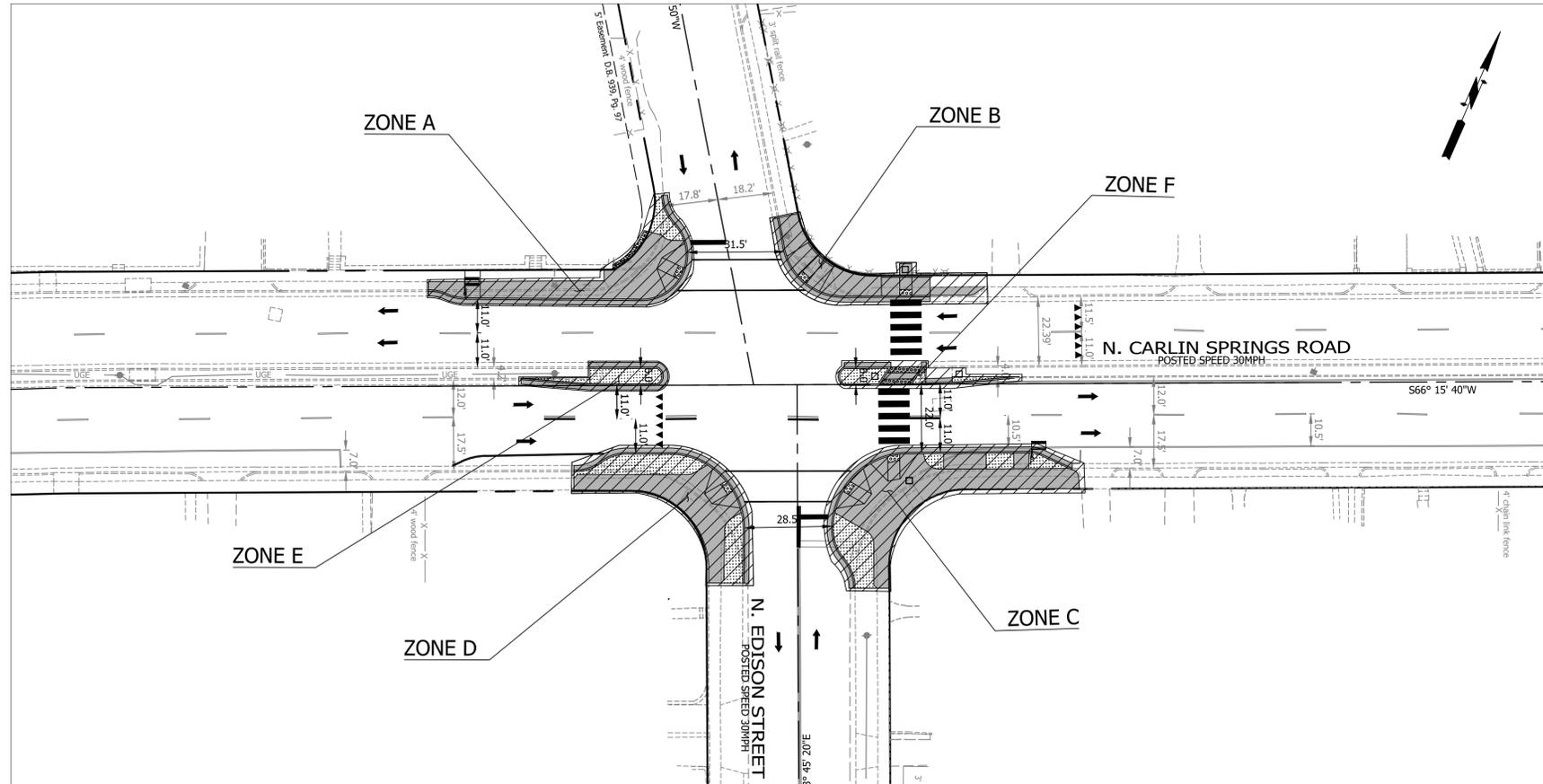


NOTE:
 * * * * * = ERADICATION OF MARKING

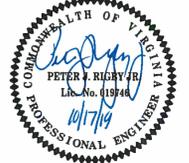
N. CARLIN SPRINGS ROAD
 DC14
 AT N EDISON STREET AND AT N WAKEFIELD STREET
 SIGNAGE AND STRIPING PLAN_WAKEFIELD

DESIGNED: J. ROJAS
 DRAWN: J. ROJAS
 CHECKED: P. RIGBY
 MISS UTILITY TRANSMITTAL #: 5362-D
 PLOTTED: DECEMBER 18 2019





SEAL



APPROVALS DATE

Matthew Bennett 12.10.2019
QUALITY CONTROL ENGINEER
Paul Stalk 12/10/19
CONSTRUCTION MANAGEMENT SUPERVISOR
David Lee 12/11/19
WATER, SEWER, STREETS BUREAU CHIEF
John 12/11/19
TRANSPORTATION DIRECTOR
John 12/10/19
PROJECT MANAGER

REVISIONS DATE

REVISIONS	DATE

ZONE TABLE			
ZONE #	TTC #	COMMENTS	DURATION
A	TTC-5.2 TTC-28.2 TTC-36.2	SHOULDER OPERATION WITH MINOR ENCROACHMENT LANE CLOSURE OPERATION IN AN INTERSECTION CROSSWALK CLOSURE AND PEDESTRIAN DETOUR OPERATION PARKING TO BE REMOVED DURING CONSTRUCTION HOURS	ONE WEEK TO ONE MONTH
B	TTC-5.2 TTC-28.2 TTC-36.2	SHOULDER OPERATION WITH MINOR ENCROACHMENT LANE CLOSURE OPERATION IN AN INTERSECTION CROSSWALK CLOSURE AND PEDESTRIAN DETOUR OPERATION PARKING TO BE REMOVED DURING CONSTRUCTION HOURS	ONE WEEK TO ONE MONTH
C	TTC-5.2 TTC-28.2 TTC-36.2	SHOULDER OPERATION WITH MINOR ENCROACHMENT LANE CLOSURE OPERATION IN AN INTERSECTION CROSSWALK CLOSURE AND PEDESTRIAN DETOUR OPERATION PARKING TO BE REMOVED DURING CONSTRUCTION HOURS	ONE WEEK TO ONE MONTH
D	TTC-5.2 TTC-28.2 TTC-36.2	SHOULDER OPERATION WITH MINOR ENCROACHMENT LANE CLOSURE OPERATION IN AN INTERSECTION CROSSWALK CLOSURE AND PEDESTRIAN DETOUR OPERATION PARKING TO BE REMOVED DURING CONSTRUCTION HOURS	ONE WEEK TO ONE MONTH
E	TTC-42.1	INTERIOR LANE CLOSURE OPERATION ON A MULTI-LANE ROADWAY	ONE WEEK TO ONE MONTH
F	TTC-42.2	INTERIOR LANE CLOSURE OPERATION ON A MULTI-LANE ROADWAY	ONE WEEK TO ONE MONTH

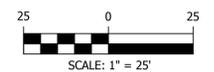
NOTE: THE DURATIONS SHOWN WERE DEVELOPED FOR PLANNING AND ESTIMATION PURPOSES ONLY. THE DURATIONS IN NO WAY ALTER THE CONTRACT TIME FOR COMPLETION, OR INFRINGES ON THE CONTRACTOR MEANS AND METHODS. THE CONTRACTOR'S SUBMITTED SCHEDULE SUPERSEDES THE ESTIMATED DURATIONS SHOWN. ZONES ARE NOT ALLOWED TO WORK CONCURRENTLY AND CAN ONLY BE ALLOWED ONE AT A TIME.

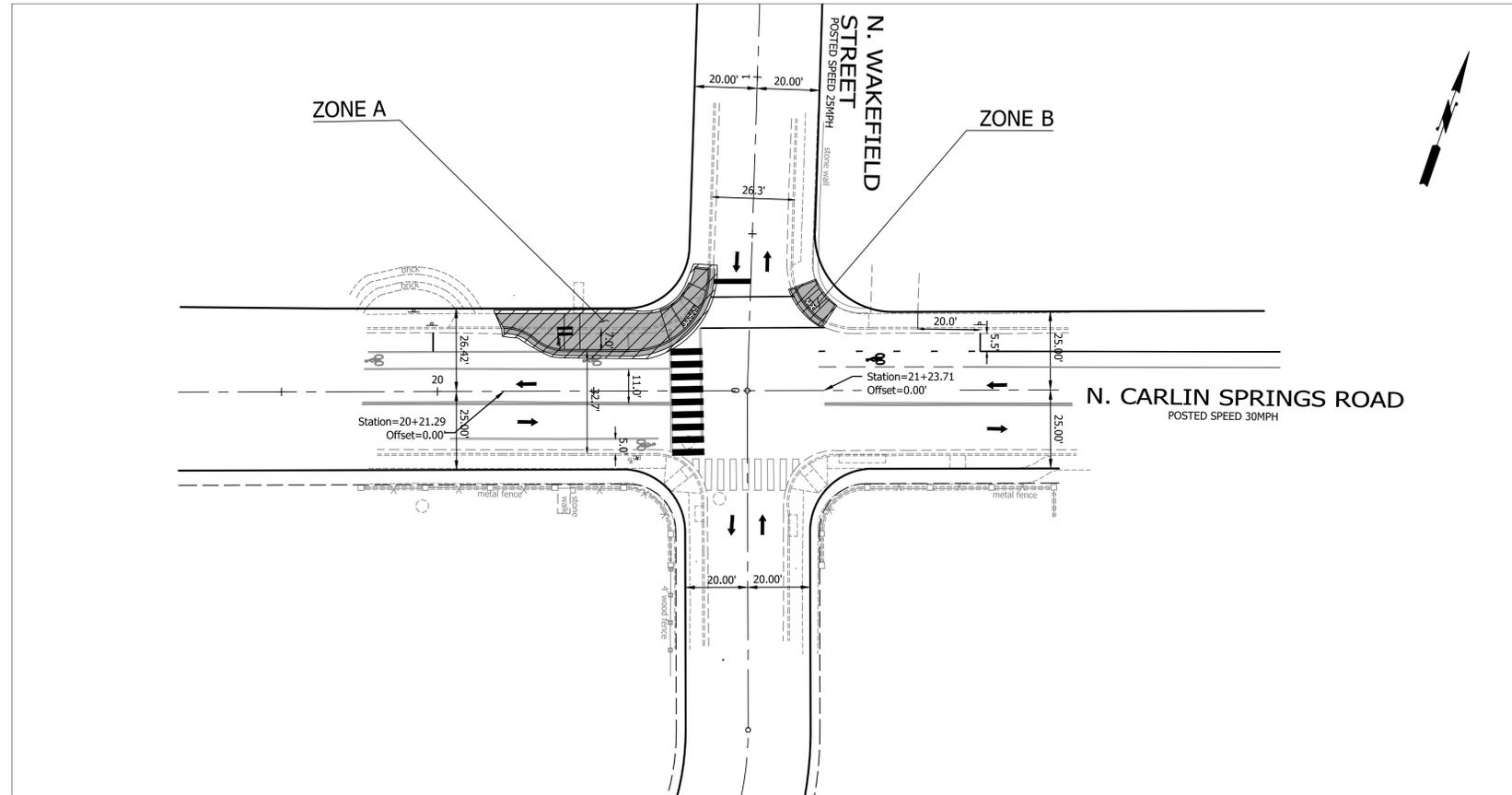
N. CARLIN SPRINGS ROAD
DC14
AT N EDISON STREET AND AT N WAKEFIELD STREET
MAINTENANCE OF TRAFFIC PLAN_EDISON

DESIGNED: J. ROJAS
DRAWN: J. ROJAS
CHECKED: P. RIGBY
MISS UTILITY TRANSMITTAL #: 5362-D

PLOTTED: DECEMBER 18 2019

SCALE:

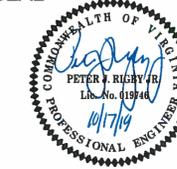




ZONE TABLE			
ZONE #	TTC #	COMMENTS	DURATION
A	TTC-5.2 TTC-28.2 TTC-36.2	SHOULDER OPERATION WITH MINOR ENCROACHMENT LANE CLOSURE OPERATION IN AN INTERSECTION CROSSWALK CLOSURE AND PEDESTRIAN DETOUR OPERATION PARKING TO BE REMOVED DURING CONSTRUCTION HOURS	ONE WEEK TO ONE MONTH
B	TTC-1.1 TTC-36.2	WORK BEYOND THE SHOULDER OPERATION CROSSWALK CLOSURE AND PEDESTRIAN DETOUR OPERATION PARKING TO BE REMOVED DURING CONSTRUCTION HOURS	ONE WEEK TO ONE MONTH

NOTE: THE DURATIONS SHOWN WERE DEVELOPED FOR PLANNING AND ESTIMATION PURPOSES ONLY. THE DURATIONS IN NO WAY ALTER THE CONTRACT TIME FOR COMPLETION, OR INFRINGES ON THE CONTRACTOR MEANS AND METHODS. THE CONTRACTOR'S SUBMITTED SCHEDULE SUPERSEDES THE ESTIMATED DURATIONS SHOWN. ZONES ARE NOT ALLOWED TO WORK CONCURRENTLY AND CAN ONLY BE ALLOWED ONE AT A TIME.

SEAL



APPROVALS DATE

<i>Michael...</i>	12.10.2019
QUALITY CONTROL ENGINEER	
<i>...</i>	12/10/19
CONSTRUCTION MANAGEMENT SUPERVISOR	
<i>...</i>	12/11/19
WATER, SEWER, STREETS BUREAU CHIEF	
<i>...</i>	12/11/19
TRANSPORTATION DIRECTOR	
<i>...</i>	12/10/19
PROJECT MANAGER	

REVISIONS DATE

REVISIONS	DATE

N. CARLIN SPRINGS ROAD
 DC14
 AT N EDISON STREET AND AT N WAKEFIELD STREET
MAINTENANCE OF TRAFFIC PLAN_WAKEFIELD

DESIGNED: J. ROJAS
DRAWN: J. ROJAS
CHECKED: P. RIGBY
MISS UTILITY TRANSMITTAL #: 5362-D

PLOTTED: DECEMBER 18 2019

SCALE:



MAINTENANCE OF TRAFFIC GENERAL NOTES

- TRAFFIC CONTROL DEVICES AND SAFETY MEASURES SHALL COMPLY WITH THE VIRGINIA WORK AREA PROTECTION MANUAL, VDOT'S GUIDELINES FOR TEMPORARY TRAFFIC CONTROL, FEDERAL HIGHWAY ADMINISTRATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, ARLINGTON COUNTY STANDARDS, THE TRAFFIC CONTROL PLANS INCLUDED IN THE CONSTRUCTION DRAWINGS, AND/OR AS DIRECTED BY THE PROJECT OFFICER.
- THE CONTRACTOR SHALL SUBMIT A DETAILED SCHEDULE WHICH INDICATES START AND FINISH DATES FOR EACH SEGMENT OF THE WORK. THE SCHEDULE SHALL INDICATE THE DURATION OF ALL LANE OR SHOULDER CLOSURES. THE CONTRACTOR SHALL NOTIFY THE PROJECT OFFICER A MINIMUM OF 3 BUSINESS DAYS IN ADVANCE OF PROCEEDING TO THE NEXT WORK SEGMENT.
- THE CONTRACTOR SHALL NOTIFY THE PROJECT OFFICER OF PARKING RESTRICTION NEEDS A MINIMUM OF 3 BUSINESS DAYS PRIOR TO COMMENCEMENT OF WORK FOR EACH SEGMENT. COUNTY PROJECT OFFICER SHALL RESTRICT PARKING BY CONTACTING DES - PERMITTING SECTION, 703-228-4798.
- DURING CONSTRUCTION, THE CONTRACTOR SHALL EITHER MAINTAIN APPROPRIATE SIGHT DISTANCE TO ALL TRAFFIC SIGNS OR PROVIDE FOR TEMPORARY SIGNAGE OR FLAGGERS TO GUIDE TRAFFIC THROUGH WORK ZONES.
- THE CONTRACTOR SHALL MINIMIZE THE DURATION OF ANY BLOCKAGE TO PRIVATE ENTRANCES AND DRIVEWAYS. THE CONTRACTOR SHALL SUBMIT A SCHEDULE OF DRIVEWAY CLOSURE FOR APPROVAL BY THE PROJECT OFFICER. THE PROJECT OFFICER SHALL BE NOTIFIED A MINIMUM OF 3 BUSINESS DAYS IN ADVANCE OF SUCH ACTIVITIES. THE CONTRACTOR SHALL NOTIFY THE PROPERTY OWNER AT LEAST 24 HOURS IN ADVANCE OF THE START OF ANY WORK THAT WILL REQUIRE TEMPORARY CLOSURE OF ACCESS TO THE PROPERTY. THE CONTRACTOR SHALL MAKE ALL PRIVATE ENTRANCES AND DRIVEWAYS ACCESSIBLE AT THE CONCLUSION OF EACH WORKDAY.
- ANY EXCAVATIONS WHICH ARE SPECIFICALLY APPROVED BY THE PROJECT OFFICER TO REMAIN OPEN PAST NORMAL WORKING HOURS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE PROTECTED IN ACCORDANCE WITH THE VIRGINIA WORK AREA PROTECTION MANUAL AND AS APPROVED BY THE PROJECT OFFICER.
- PEDESTRIAN TRAFFIC SHALL BE MAINTAINED AT ALL TIMES, INCLUDING ACCESS TO BUS STOP SHELTERS, UNLESS OTHERWISE APPROVED IN THE PLANS.
- PEDESTRIAN TRAFFIC SHALL BE SEPARATED FROM WORK ZONES WITH APPROPRIATE MEASURES IN ACCORDANCE WITH MUTCD.
- ADEQUATE PROVISIONS FOR PERSONS WITH DISABILITIES SHALL BE PROVIDED AT ALL TIMES PER ADA REQUIREMENTS.
- WHEN NECESSARY, PEDESTRIANS SHALL BE APPROPRIATELY DIRECTED WITH ADVANCED WARNING SIGNS PLACED AT INTERSECTIONS, TO CROSS TO THE OPPOSITE SIDE OF THE ROADWAY IN ORDER TO PREVENT CONFLICT WITH MIDLICK WORK SITES.
- PEDESTRIANS SHALL NOT BE LED INTO CONFLICT WITH WORK SITE EQUIPMENT, OPERATIONS, AND/OR VEHICLES MOVING THROUGH OR AROUND THE WORK SITE.
- ALL EXISTING FIRE HYDRANTS AND FIRE DEPARTMENT CONNECTIONS SHALL BE MAINTAINED UNOBSTRUCTED AND ACCESSIBLE AT ALL TIMES IN ACCORDANCE WITH SECTIONS 508.5.4 AND 508.5.5 OF THE ARLINGTON COUNTY FIRE PREVENTION CODE.
- ACCESS TO BUILDINGS FOR FIREFIGHTING SHALL BE MAINTAINED AT ALL TIMES. EXISTING FIRE APPARATUS ACCESS ROADS (FIRE LANES) SHALL BE KEPT CLEAR OF OBSTRUCTIONS IN ACCORDANCE WITH SECTION 503.4 OF THE ARLINGTON COUNTY FIRE PREVENTION CODE. ACCESS TO CONSTRUCTION SITES SHALL BE PROVIDED AND MAINTAINED IN ACCORDANCE WITH SECTION 1410 OF THE ARLINGTON COUNTY FIRE PREVENTION CODE.
- IN THE EVENT THAT EXISTING FIRE DEPARTMENT CONNECTIONS OR FIRE APPARATUS ACCESS ROADS (FIRE LANES) MUST BE OBSTRUCTED TO FACILITATE CONSTRUCTION ACTIVITIES, CONTACT THE ARLINGTON COUNTY FIRED DEPARTMENT FIRE PREVENTION OFFICE AT 703-228-4644 TO COORDINATE REVIEW AND APPROVAL OF TEMPORARY FIRE DEPARTMENT CONNECTIONS AND/OR FIRE APPARATUS ACCESS ROADS PRIOR TO CREATING THE OBSTRUCTION.
- THE CONTRACTOR SHALL NOTIFY ARLINGTON COUNTY TRANSIT BUREAU, 703-228-3049, A MINIMUM OF 4 WEEKS PRIOR TO COMMENCEMENT OF WORK, IF TRANSIT IS AFFECTED.
- AT SIGNALIZED INTERSECTIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING VEHICLE DETECTION AT ALL TIMES DURING THE PROJECT. TRAFFIC SENSORS SHALL BE RESTORED TO THEIR PRE-CONSTRUCTION STATE PRIOR TO THE COMPLETION OF THIS PROJECT.
- WORK HOURS ARE RESTRICTED TO 9:00AM TO 3:00 PM (MON-FRI)
- CONTRACTOR SHALL COVER ANY EXISTING SIGNS WHICH ARE NOT APPLICABLE OR ARE IN CONFLICT WITH THIS MOT PLAN.
- CONTRACTOR SHALL ERADICATE AND RE-STRIPE AS NECESSARY ANY EXISTING PAVEMENT MARKINGS THAT ARE IN CONFLICT WITH OR DO NOT ALIGN WITH THE TEMPORARY PAVEMENT MARKINGS OR NEW TRAFFIC PATTERNS.
- CONTRACTOR SHALL ERADICATE ALL TEMPORARY PAVEMENT MARKING, INCLUDING TEMPORARY MARKED CROSSWALKS ONCE THE WORK AREA(S) ASSOCIATED WITH THE MARKINGS HAS BEEN COMPLETED.

ADDITIONAL NOTES:

- SEE TEMPORARY TRAFFIC CONTROL (TTC) FIGURES AND NOTES ON SHEET 32 AND 33
- SPACING OF ADVANCE WARNING SIGNS SHOULD BE MINIMUM 100FT FOR POSTED SPEED LIMIT 25MPH.
- WHERE THE BIKE LANES NEED TO BE CLOSED DURING CONSTRUCTION, THE CONTRACTOR SHALL FOLLOW THE VDOT WORK ZONE PEDESTRIAN AND BICYCLE GUIDANCE (SEE DETAIL ON SHEET 33) TO PROVIDE TRAFFIC CONTROL FOR CYCLISTS.
- THE MINIMUM LANE WIDTH SHALL BE 11'. THIS APPLIES TO BOTH DURING CONSTRUCTION WORK HOURS, AND WHEN THE ROADWAY IS OPENED UP TO NORMAL TRAFFIC FLOW FOR ALL PHASES OF CONSTRUCTION REGARDLESS OF WHETHER OR NOT THE PROVISION OR ERADICATION OF PAVEMENT MARKING IS SPECIFICALLY DENOTED ON MOT PLAN.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY STRIPING FOR ALL PARKING, BICYCLE, AND VEHICULAR LANES TO INCLUDE STOP BARS AND TURNING ARROWS. TEMPORARY STRIPING FOR CROSSWALKS AND BIKE LANE SYMBOLS ARE NOT REQUIRED UNLESS OTHERWISE DIRECTED BY THE COUNTY PROJECT OFFICER. FINAL PAVEMENT MARKINGS SHALL BE INSTALLED BY CONTRACTOR.
- MODIFICATIONS TO THE MAINTENANCE OF TRAFFIC PLAN OR CONSTRUCTION PHASING MAY BE MADE AT THE CONTRACTOR'S REQUEST WITH APPROVAL FROM THE COUNTY PROJECT OFFICER, OR AT THE DIRECTION OF THE COUNTY PROJECT OFFICER.

CONSTRUCTION NOTES

- FOR ALL ARTERIAL STREETS, PORTABLE VARIABLE MESSAGE SIGNS WITH CLOSURE INFORMATION MUST BE INSTALLED AHEAD OF THE PROJECT SITE AT EACH VEHICULAR APPROACH 3 WEEKS PRIOR TO STREET CLOSURE IN LOCATIONS DIRECTED BY THE PROJECT OFFICER.
- CONTRACTOR SHALL REMOVE EXISTING PAVEMENT MARKINGS IN CONFLICT WITH TEMPORARY PAVEMENT MARKINGS.
- CONTACT TRANSPORTATION ENGINEERING OPERATIONS AT 703-228-6598 OR 571-437-1077 AND THE PROJECT OFFICER TO APPROVE MARKING LAYOUT 48 HOURS PRIOR TO INSTALLATION OF MARKINGS.
- ONE LANE CLOSURE IN EACH DIRECTION OF TRAFFIC WILL BE PERMITTED FOR FINAL PAVEMENT OVERLAY.
- DURING CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN THE FLOW OF TRAFFIC ON ANY INTERSECTION WITHIN THE WORK AREA.
- THE CONTRACTOR SHALL NOTIFY ARLINGTON COUNTY PUBLIC SCHOOLS TWO WEEKS PRIOR TO STARTING CONSTRUCTION.
- THE CONTRACTOR SHALL SUBMIT ANY REQUESTS FOR TEMPORARY "NO PARKING" RESTRICTIONS TO THE PROJECT OFFICER AT LEAST 3 WORKING DAYS PRIOR TO THE DESIRED ONSET OF RESTRICTIONS. PRIOR TO A REQUEST FOR THE REMOVAL OF ACCESS TO ANY ADA PARKING SPACE THE CONTRACTOR MUST HAVE MADE PROVISION FOR ALTERNATIVE ADA PARKING AS INDICATED ON THE APPROVED PLAN OR AS DIRECTED BY THE PROJECT OFFICER
- WHEN THE APPROVED PLAN CALLS FOR THE REMOVAL OF ANY PARKING METER THE CONTRACTOR MUST MAKE A REQUEST TO THE PROJECT OFFICER AT LEAST ONE WEEK IN ADVANCE OF THE DESIRED REMOVAL. THE PROJECT OFFICER WILL THEN COORDINATE THE PARKING METER REMOVAL WITH TRAFFIC ENGINEERING AND OPERATIONS.

MOT NOTES:

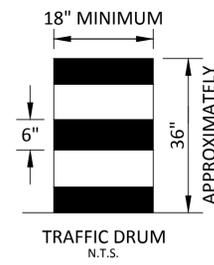
- PARKING SHALL BE RESTRICTED BY THE COUNTY AS PART OF THE RIGHT OF WAY PERMIT. CONTACT DES-PERMITTING SECTION, 703-228-4798, AT LEAST 72 HOURS PRIOR TO COMMENCEMENT OF WORK.
- ALL TEMPORARY BUS TRAVEL LANES MUST BE MINIMUM 11' WIDE.
- THE CONTRACTOR SHALL MAINTAIN ADA ACCESSIBLE PARKING SPACES AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL CONTACT DES - PERMITTING, 703-228-4798, TO COORDINATE RELOCATION OF EXISTING ADA ACCESSIBLE PARKING SPACES OR TO INSTALL TEMPORARY SIGNAGE OUT OF AND ADJACENT TO THE WORK ZONE AS CONSTRUCTION PROGRESSES. MULTIPLE RELOCATIONS MAY BE NECESSARY DURING EACH PHASE.

PEDESTRIAN NOTE:

- PEDESTRIANS SHALL BE APPROPRIATELY DIRECTED WITH ADVANCED WARNING SIGNS PLACED AT INTERSECTIONS, TO CROSS TO THE OPPOSITE SIDE OF THE ROADWAY IN ORDER TO PREVENT CONFLICT WITH MIDLICK WORK SITES.
- TEMPORARY SIGNAGE SHALL NOT BE PLACED WHERE IT WILL OBSTRUCT PEDESTRIAN PASSAGE ON SIDEWALKS UNLESS SUCH SIGNAGE IS INTENDED TO CLOSE THAT SIDEWALK.
- NO MORE THAN ONE CORNER OF INTERSECTION SHALL BE UNDER CONSTRUCTION AT A GIVEN TIME.

LEGEND:

- ARROW PANEL
- ARROW PANEL ON TRAILER
- AREA UNDER CONSTRUCTION
- AREA CONSTRUCTED IN PREVIOUS PHASE
- SUB-PHASE OF AREA UNDER CONSTRUCTION
- TRAFFIC FLOW
- TRAFFIC DRUM
- ARROW PANEL ON TRAILER
- SIGN
- TYPE III BARRICADE
- FLAGGER



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SEAL



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 CONSTRUCTION MANAGEMENT SUPERVISOR
David Lee 12/11/19
 WATER, SEWER, STREETS BUREAU CHIEF
John H. White 12/11/19
 TRANSPORTATION DIRECTOR
John H. White 12/10/19
 PROJECT MANAGER

REVISIONS DATE

REVISIONS	DATE

N. CARLIN SPRINGS ROAD
 DC14
 AT N EDISON STREET AND AT N WAKEFIELD STREET
 MAINTENANCE OF TRAFFIC NOTES

DESIGNED: J. ROJAS
 DRAWN: J. ROJAS
 CHECKED: P. RIGBY
 MISS UTILITY TRANSMITTAL #: 5362-D
 PLOTTED: DECEMBER 18 2019

SCALE: NTS

Typical Traffic Control
Shoulder Operation with Minor Encroachment
(Figure TTC-5.2)

NOTES

Standard

- 1. For required sign assemblies for multi-lane roadways see Note 1, TTC-4.1
Guidance
2. Sign spacing should be 1300'-1500' for Limited Access highways. For all other roadways, the sign spacing should be 500'-800' where the posted speed limit is greater than 45 mph, and 350'-500' where the posted speed limit is 45 mph or less.
3. When work takes up part of a lane on a high volume roadway, vehicular traffic volumes, vehicle mix, speed and capacity should be analyzed to determine whether the affected lane should be closed. Unless the lane encroachment analysis permits a remaining lane width of 10 feet, the lane should be closed. If the closure operation is on a Limited Access highway, the minimum lane width is 11 feet.

Option:

- 4. The ROAD WORK AHEAD (W20-1) sign on an intersecting roadway may be omitted where drivers emerging from that roadway will encounter another advance warning sign prior to this activity area.

Standard:

- 5. A shadow vehicle with either an arrow board operating in the caution mode, or at least one high-intensity amber rotating, flashing, or oscillating light shall be parked 80' - 120' in advance of the first work crew.
6. Vehicle hazard warning signals shall not be used instead of the vehicle's high-intensity amber rotating, flashing, or oscillating lights. Vehicle hazard warning signals can be used to supplement high-intensity amber rotating, flashing, or oscillating lights.
7. Taper length (L) and channelizing device spacing shall be as follows:

Table with 4 columns: Speed Limit (mph), Lane Width (Feet), Taper Length L, and Remarks. It provides data for various speed limits and lane widths, including limited access highways.

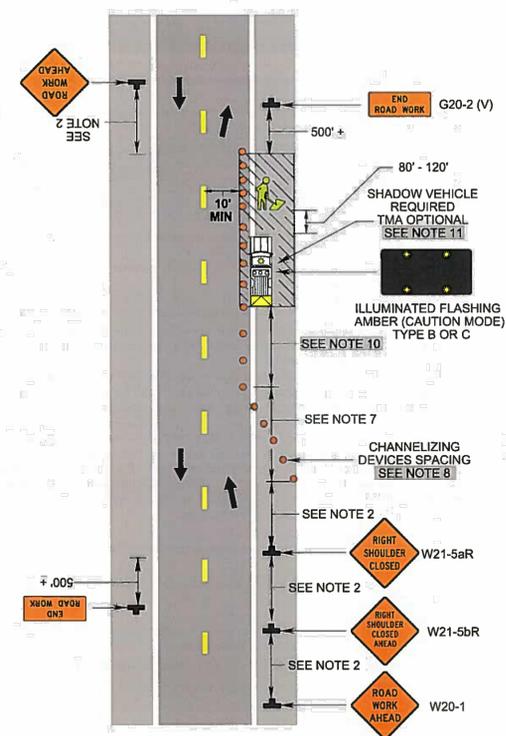
- 8. Channelizing device spacing shall be as follows:

Table with 4 columns: Location Spacing, Speed Limit (mph), Location Spacing, and Speed Limit (mph). It details channelizing device spacing for different speed limits and locations.

- 9. On roadways with paved shoulders having a width of 8 feet or more, channelizing devices shall be used to close the shoulder in advance of the merging taper to direct vehicular traffic to remain within the traveled way.
10. The buffer space length The buffer space length shall be as shown in Table 6H-3 on Page 6H-5 for the posted speed limit.
11. A truck-mounted attenuator (TMA) shall be used on Limited Access highways and multi-lane roadways with posted speed limit equal to or greater than 45 mph.
12. When a side road intersects the highway within the temporary traffic control zone, additional traffic control devices shall be placed as needed.

1: Revision 1 - 4/1/2015
2: Revision 2 - 9/1/2019

Shoulder Operation with Minor Encroachment
(Figure TTC-5.2)



1: Revision 1 - 4/1/2015
2: Revision 2 - 9/1/2019

Typical Traffic Control
Lane Closure Operation in an Intersection
(Figure TTC-28.2)

NOTES

Guidance:

- 1. The control of traffic through the intersection in order of preference should be:
a. Obtain the services of law enforcement personnel.
b. Detour the effective routes to other roads and streets as approved and directed by the District Traffic Engineer.
c. Place a state certified flagger on each leg of the intersection controlling a single lane of traffic.
Appropriate signing as shown should be used for law enforcement and flagging operations. For detour signs see Figure TTC-34.
2. Sign spacing distance should be 350'-500' where the posted speed limit is 45 mph or less, 500'-800' where the posted speed limit is greater than 45 mph.
3. To maintain efficient traffic flow in a flagging operation on a two-lane roadway the maximum time motorist should be stopped at a flagger station is 8 minutes for high volume roadways (average daily traffic of 500 or more vehicles per day) to a maximum of 12 minutes for low volume roadways (less than 500 vehicles per day). For additional information see Section 6E.07.

Standard:

- 4. Channelizing device spacing shall be on 20' centers or less.
5. PTRS shall be used as noted in Section 6F.99.

Guidance:

- 6. If room permits, a shadow vehicle with at least one rotating amber light or high intensity amber flashing or oscillating light should be parked 80'-120' in advance of the first work crew.

Standard:

- 7. For emergency situations (any non-planned operation) of 30 minutes or less duration, two rotating amber lights or high intensity amber flashing or oscillating lights mounted on the vehicle and visible for 360° shall be required in addition to the channelizing devices shown around the vehicle. Also, vehicle hazard warning signals shall be used.

Guidance:

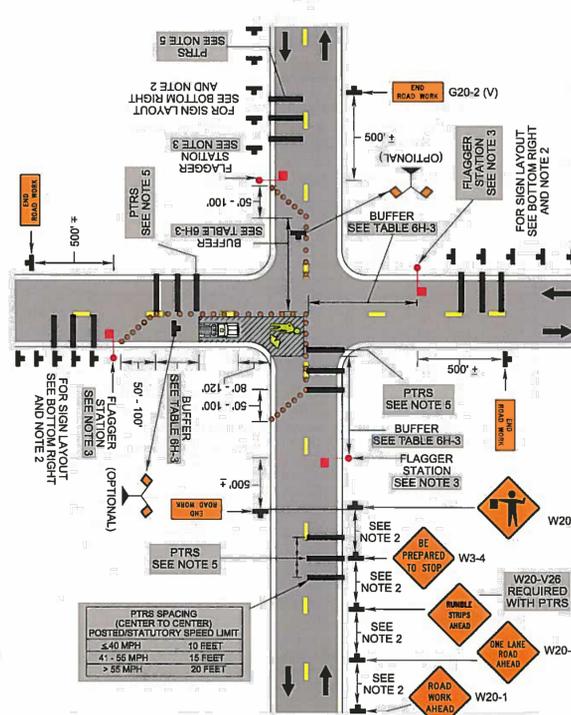
- 8. If the work space extends across a crosswalk, the crosswalk should be closed using the information and devices shown in Figure TTC-36.

Support:

- 9. Turns can be prohibited as required by vehicular traffic conditions. Unless the streets are wide, it might be physically impossible to make certain turns, especially for large vehicles.

1: Revision 1 - 4/1/2015
2: Revision 2 - 9/1/2019

Lane Closure Operation in an Intersection
(Figure TTC-28.2)



2: Revision 2 - 9/1/2019

Typical Traffic Control
Crosswalk Closure and Pedestrian Detour Operation
(Figure TTC-36.2)

NOTES

Standard:

- 1. When crosswalks or other pedestrian facilities are closed or relocated, temporary facilities shall be detectable and shall include accessibility features consistent with the features present in the existing pedestrian facility.
2. Curb parking shall be prohibited for at least 50 feet in advance of the midblock crosswalk.

Guidance:

- 3. Audible information devices should be considered where midblock closings and changed crosswalk areas cause inadequate communication to be provided to pedestrians who have visual disabilities.
4. Pedestrian traffic signal displays controlling closed crosswalks should be covered or deactivated.
5. Temporary markings should be considered for operations exceeding three days in duration.

Option:

- 6. Only the TTC devices related to pedestrians are shown. Other devices, such as lane closure signing or ROAD NARROWS (W5-1) signs, may be used to control vehicular traffic.
7. For nighttime closures, Type A Flashing warning lights may be used on barricades supporting signs and closing sidewalks.

Standard:

- 8. In order to maintain the systematic use of the fluorescent yellow-green background for school warning signs in a jurisdiction, the fluorescent yellow-green background for school warning signs shall be used in TTC zones.
9. All sidewalk closures shall be closed with Type 3 Barricades. The SIDEWALK CLOSED (R9-9) sign and the SIDEWALK CROSS HERE (R9-11) sign shall be installed above the Type 3 Barricade. The KEEP RIGHT sign can cover the top rail of the Type 3 Barricade.

Support:

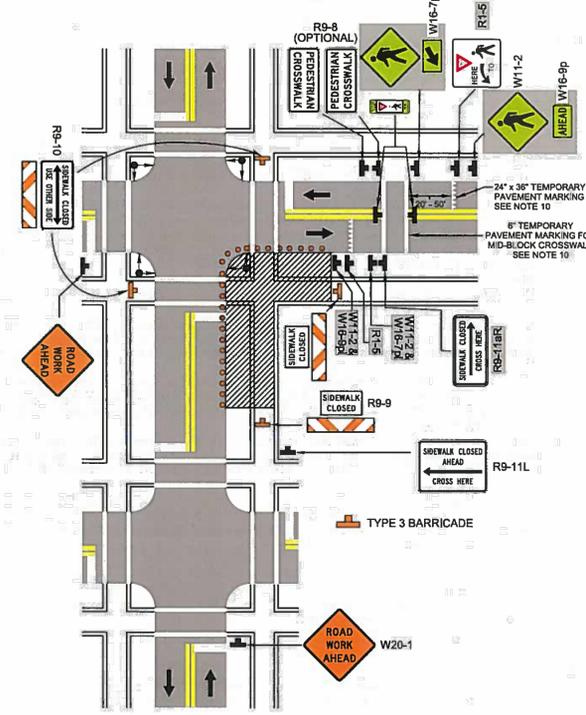
- 10. Refer to Sections 3B-16 through 3B-18 of the 2009 MUTCD and the Virginia Supplement to the MUTCD for crosswalk lines, yield lines and other related TTC devices that may be used to control vehicular traffic at midblock crosswalks.

Standard:

- 11. The YIELD HERE TO PEDESTRIANS (R1-5) sign shall be placed at the Yield Line.
12. Fluorescent yellow-green PEDESTRIAN TRAFFIC (W11-2) symbol sign, AHEAD (W16-9p) plaque and ARROW (W16-7p) plaque shall be used to identify the work zone crosswalk.

1: Revision 1 - 4/1/2015
2: Revision 2 - 9/1/2019

Crosswalk Closure and Pedestrian Detour Operation
(Figure TTC-36.2)



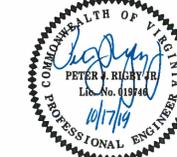
1: Revision 1 - 4/1/2015
2: Revision 2 - 7/1/2018



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SEAL



APPROVALS DATE

Quality Control Engineer: 12/10/2019
Construction Management Supervisor: 12/17/19
Water, Sewer, Streets Bureau Chief: 12/17/19
Transportation Director: 12/17/19
Project Manager: 12/17/19

REVISIONS DATE

N. CARLIN SPRINGS ROAD DC14
AT N EDISON STREET AND AT N WAKEFIELD STREET
MAINTENANCE OF TRAFFIC DETAILS I

DESIGNED: J. ROJAS
DRAWN: J. ROJAS
CHECKED: P. RIGBY
MISS UTILITY TRANSMITTAL #: 5362-D
PLOTTED: DECEMBER 18 2019

SCALE: NTS

Typical Traffic Control
Work Beyond the Shoulder Operation
(Figure TTC-1.1)

NOTES

- Guidance:
- The minimum distance between the sign and work vehicle should be 1300'-1500' on Limited Access highways, and on all other roadways 500'-800' where the posted speed limit is greater than 45 mph, and 350'-500' where the posted speed limit is 45 mph or less.
- Option:
- The ROAD WORK AHEAD (W20-1) sign may be replaced with other appropriate signs such as the SHOULDER WORK (W21-5) sign. The SHOULDER WORK sign may be used for work adjacent to the shoulder.
 - The ROAD WORK AHEAD sign may be omitted where the work space is behind a barrier, more than 4 feet behind vertical curb (Standard CG-2 and CG-6) on urban roadways, or outside of the clear zone for all other roadways. For clear zone values see Page A-4 of Appendix A.
 - For short-term, short duration or mobile operations, all signs and channelizing devices may be eliminated if a vehicle with activated high-intensity amber rotating, flashing, or oscillating lights is used.
- Standard:
- Vehicle hazard warning signals shall not be used instead of the vehicle's high-intensity amber rotating, flashing, or oscillating lights. Vehicle hazard warning signals can be used to supplement high-intensity amber rotating, flashing, or oscillating lights.
 - If the work space is in the median of a divided highway, an advance warning sign shall also be placed on the left side of the directional roadway.

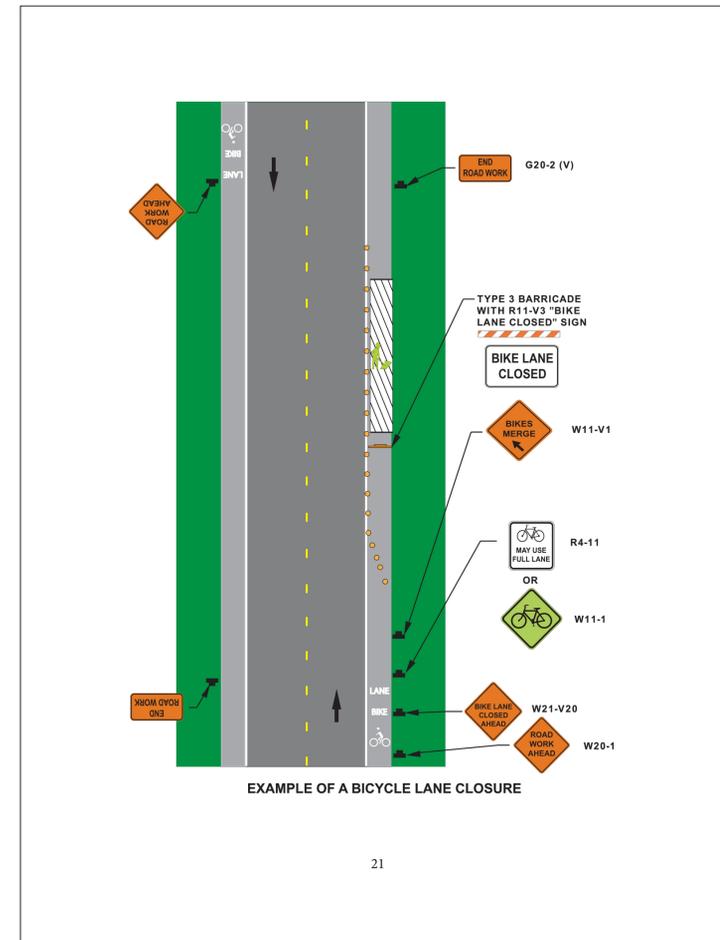
1: Revision 1 - 4/1/2015

Typical Traffic Control
Interior Lane Closure Operation on a Multi-Lane Roadway
(Figure TTC-42.2)

NOTES

- Guidance:
- Sign spacing distance should be 1300'-1500' for Limited Access highways, and on all other roadways 500'-800' where the posted speed limit is greater than 45 mph, and 350'-500' where the posted speed limit is 45 mph or less.
 - Care should be exercised when establishing the limits of the work zone to insure maximum possible sight distance in advance of the transition, based on the posted speed limit and at least equal to or greater than the values in Table 6H-3. For Limited Access highways a minimum of 1000' is desired.
- Standard:
- On divided highways having a median wider than 8', right and left sign assemblies shall be required.
 - Taper length (L) shall be at the following:
- | Speed Limit (mph) | Lane Width (Feet) | | | | | Remarks |
|-------------------|-------------------|-----|-----|-----|----------|---------|
| | 9 | 10 | 11 | 12 | | |
| 25 | 95 | 105 | 115 | 125 | L=S*W/60 | L=SW |
| 30 | 135 | 150 | 165 | 180 | L=S*W/60 | L=SW |
| 35 | 185 | 205 | 225 | 245 | L=S*W/60 | L=SW |
| 40 | 240 | 270 | 295 | 320 | L=S*W/60 | L=SW |
| 45 | 405 | 450 | 495 | 540 | L=SW | L=SW |
- Limited Access highways shall use a 1000' merging taper regardless of the posted speed.
Shoulder Taper = 1/2 L Minimum
- Channelizing device spacing shall be at the following:
- | Channelizing Device Spacing | | | |
|-----------------------------|-------------------|----------------------|-------------------|
| Location Spacing | Speed Limit (mph) | Location Spacing | Speed Limit (mph) |
| 0 -35 | 36 + | 0 -35 | 36 + |
| Transition | 20' 40' | Travelway | 40' 80' |
| | | *Construction Access | 80' 120' |
- *Construction access spacing may be increased to this distance, but shall not exceed one access per 1/4 mile.
- On roadways with paved shoulders having a width of 8 feet or more, channelizing devices shall be used to close the shoulder in advance of the merging taper to direct vehicular traffic to remain within the traveled way.
 - The buffer space length shall be as shown in Table 6H-3 on Page 6H-5 for the posted speed limit.
 - A shadow vehicle with either a Type B or C arrow board operating in the caution mode, or at least one high intensity amber rotating, oscillating, or flashing light shall be parked 80'-120' in advance of the first work crew. When the posted speed limit is 45 mph or greater, a truck-mounted attenuator shall be used.
 - For long-term work zones existing conflicting pavement markings and markers shall be removed and temporary pavement markings and markers shall be installed per Figure TTC-60.
- Option:
- For short-term stationary work (less than 3 days duration), lanes may be delineated by channelizing devices or removable pavement markings instead of temporary pavement markings.
 - PTRS may be used on undivided roadways, see section 6F.99 for proper spacing of PTRS and Figures TTC-172.
- Guidance:
- When channelizing devices have the potential of leading vehicular traffic out of the intended traffic space, the channelizing devices should be extended a distance with 4 additional channelizing devices' beyond the downstream end of the transition area as depicted.
 - For locations with a high volume of left turning movements, the graphic NO LEFT TURN (R3-2) signs should be used.

1: Revision 1 - 4/1/2015
2: Revision 2 - 9/1/2019



EXAMPLE OF A BICYCLE LANE CLOSURE

21

(RESOURCE: VDOT WORK ZONE PEDESTRIAN AND BICYCLE GUIDANCE)

SEAL



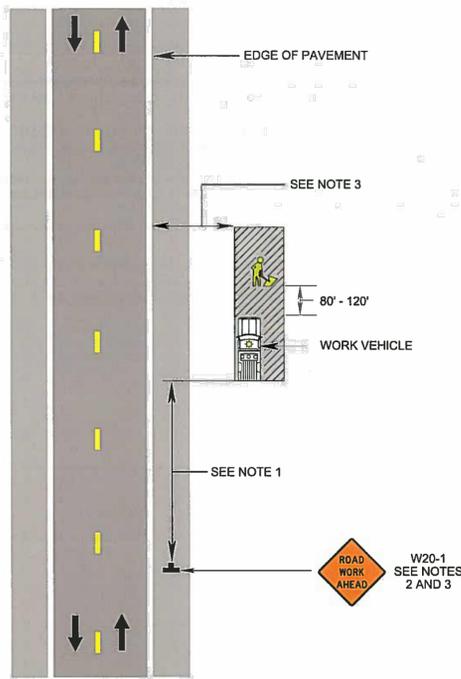
APPROVALS DATE

Quality Control Engineer: *Michael Barntz* 12.10.2019
 Construction Management Supervisor: *John Smith* 12/10/19
 Water, Sewer, Streets Bureau Chief: *David Lee* 12/17/19
 Transportation Director: *John Smith* 12/17/19
 Project Manager: *John Smith* 12/10/19

REVISIONS DATE

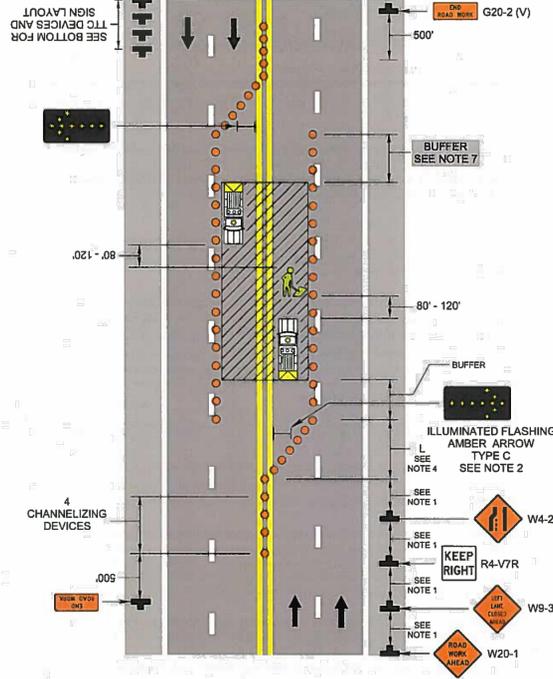
NO.	DESCRIPTION	DATE

Work Beyond the Shoulder Operation
(Figure TTC-1.1)



1: Revision 1 - 4/1/2015

Interior Lane Closure Operation on a Multi-Lane Roadway
(Figure TTC-42.2)

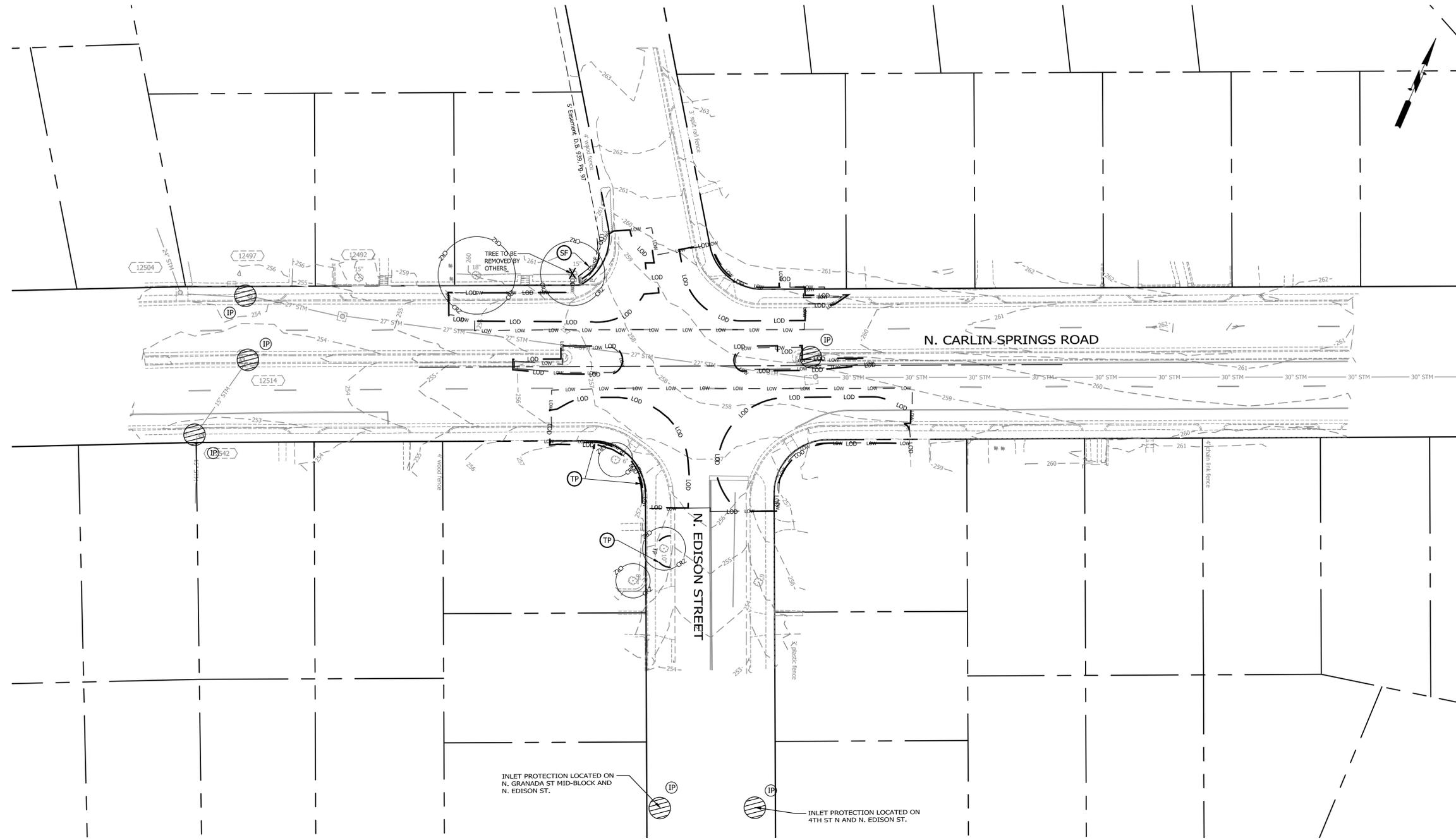


1: Revision 1 - 4/1/2015
2: Revision 2 - 9/1/2019

N. CARLIN SPRINGS ROAD
DC14
AT N EDISON STREET AND AT N WAKEFIELD STREET
MAINTENANCE OF TRAFFIC DETAILS II

DESIGNED: J. ROJAS
DRAWN: J. ROJAS
CHECKED: P. RIGBY
MISS UTILITY TRANSMITTAL #: 5362-D
PLOTTED: DECEMBER 18 2019

SCALE: NTS



THIS SHEET IS FOR EROSION AND SEDIMENTATION CONTROL USE ONLY

LEGEND:

VESCH 3.05	(SF)	SILT FENCE	— SF — SF —
VESCH 3.07	(IP)	INLET PROTECTION	(IP)
VESCH 3.38	(TP)	TREE PROTECTION	— TP —
	(LOD)	LIMIT OF DISTURBANCE	— LOD —
	(CRZ)	CRITICAL ROOT ZONE	(CRZ)

ARLINGTON VIRGINIA

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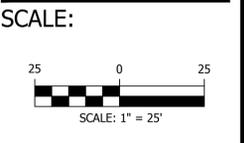
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<i>John C. Smith</i>	12/10/19
CONSTRUCTION MANAGEMENT SUPERVISOR	
<i>David J. Coe</i>	12/17/19
WATER, SEWER, STREETS BUREAU CHIEF	
<i>John J. ...</i>	12/17/19
TRANSPORTATION DIRECTOR	
<i>John J. ...</i>	12/17/19
PROJECT MANAGER	

REVISIONS	DATE

N. CARLIN SPRINGS ROAD
 DC14
 AT N EDISON STREET AND AT N WAKEFIELD STREET

EROSION AND SEDIMENT CONTROL
 PLAN_PHASE I_EDISON

DESIGNED: J. ROJAS
 DRAWN: J. ROJAS
 CHECKED: P. RIGBY
 MISS UTILITY TRANSMITTAL #: 5362-D
 PLOTTED: DECEMBER 18 2019





THIS SHEET IS FOR EROSION AND SEDIMENTATION CONTROL USE ONLY

LEGEND:

- VESCH 3.05 (SF) SILT FENCE — SF — SF —
- VESCH 3.07 (IP) INLET PROTECTION
- VESCH 3.38 (TP) TREE PROTECTION — TP —
- (LOD) LIMIT OF DISTURBANCE —
- (CRZ) CRITICAL ROOT ZONE

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APPROVALS	DATE
	12.10.2019
	12/10/19
	12/17/19
	12/17/19
	12/17/19

REVISIONS	DATE

N. CARLIN SPRINGS ROAD
 DC14
 AT N EDISON STREET AND AT N WAKEFIELD STREET

EROSION AND SEDIMENT CONTROL
PLAN_PHASE II_EDISON

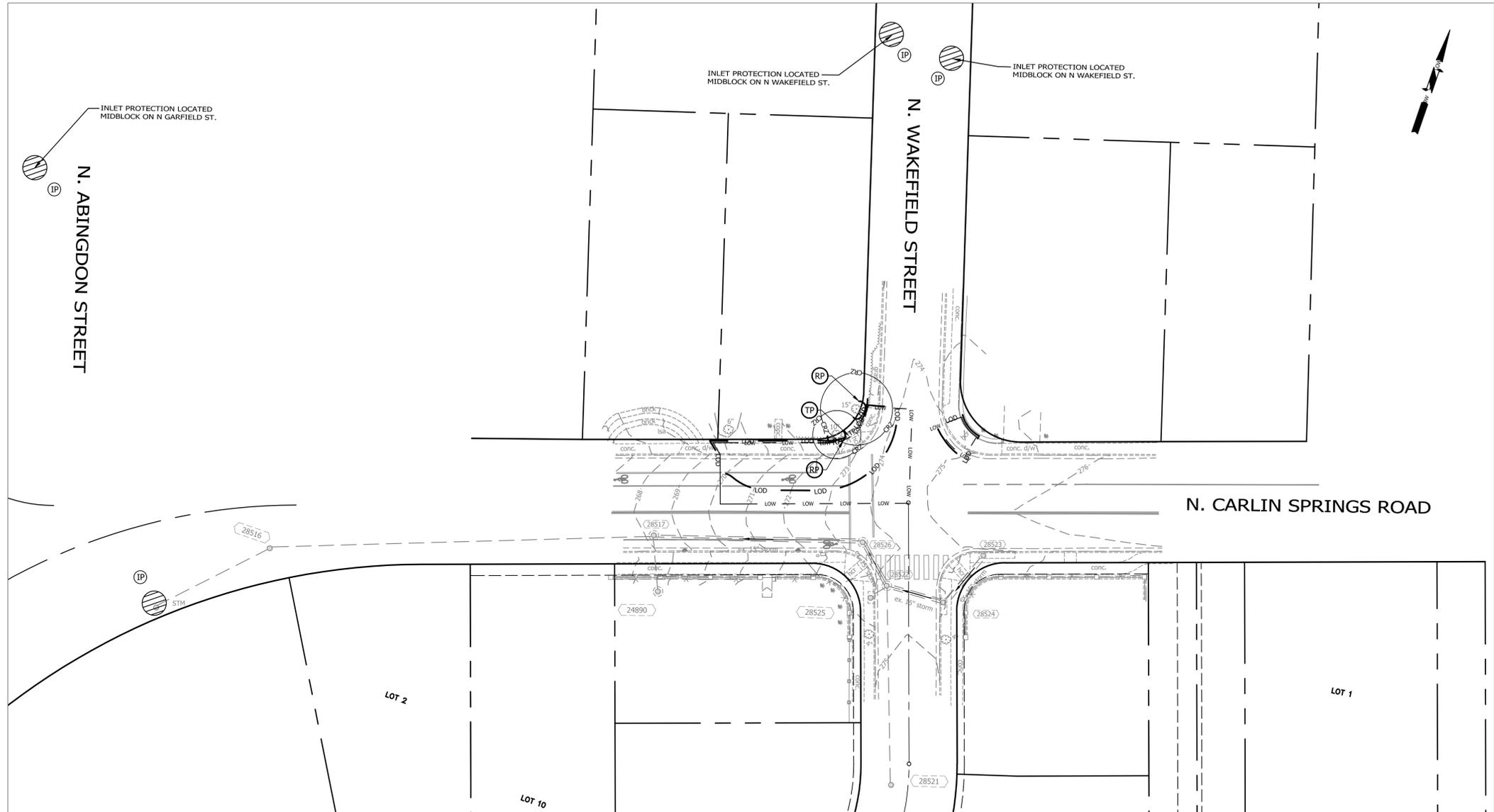
DESIGNED: J. ROJAS
 DRAWN: J. ROJAS
 CHECKED: P. RIGBY
 MISS UTILITY TRANSMITTAL #: 5362-D

PLOTTED: DECEMBER 18 2019

SCALE:

SCALE: 1" = 25'

REVISED ON 05/23/2018
 FILENAME: DC14-224-EROSION_AND_SEDIMENTATION_CONTROL_PLAN_PHASE_I_WAKEFIELD.DWG PATH: Q:\DATA\DC14\DESIGN\CAD\90_100_PCT_ARCHIVE PLOTTED BY: JROJAS



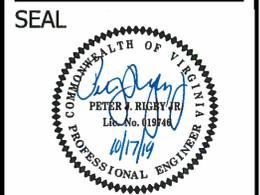
LEGEND:

VESCH 3.05	(SF)	SILT FENCE	— SF — SF —
VESCH 3.07	(IP)	INLET PROTECTION	
VESCH 3.38	(TP)	TREE PROTECTION	— TP —
	(RP)	ROOT PRUNING	— RP —
	(LOD)	LIMIT OF DISTURBANCE	— LOD —
	(CRZ)	CRITICAL ROOT ZONE	

THIS SHEET IS FOR EROSION AND SEDIMENTATION CONTROL USE ONLY



DEPARTMENT OF ENVIRONMENTAL SERVICES
 FACILITIES & ENGINEERING DIVISION
 ENGINEERING BUREAU
 2100 CLARENDON BOULEVARD, SUITE 813
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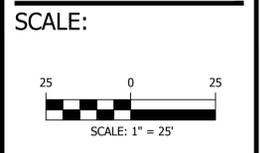


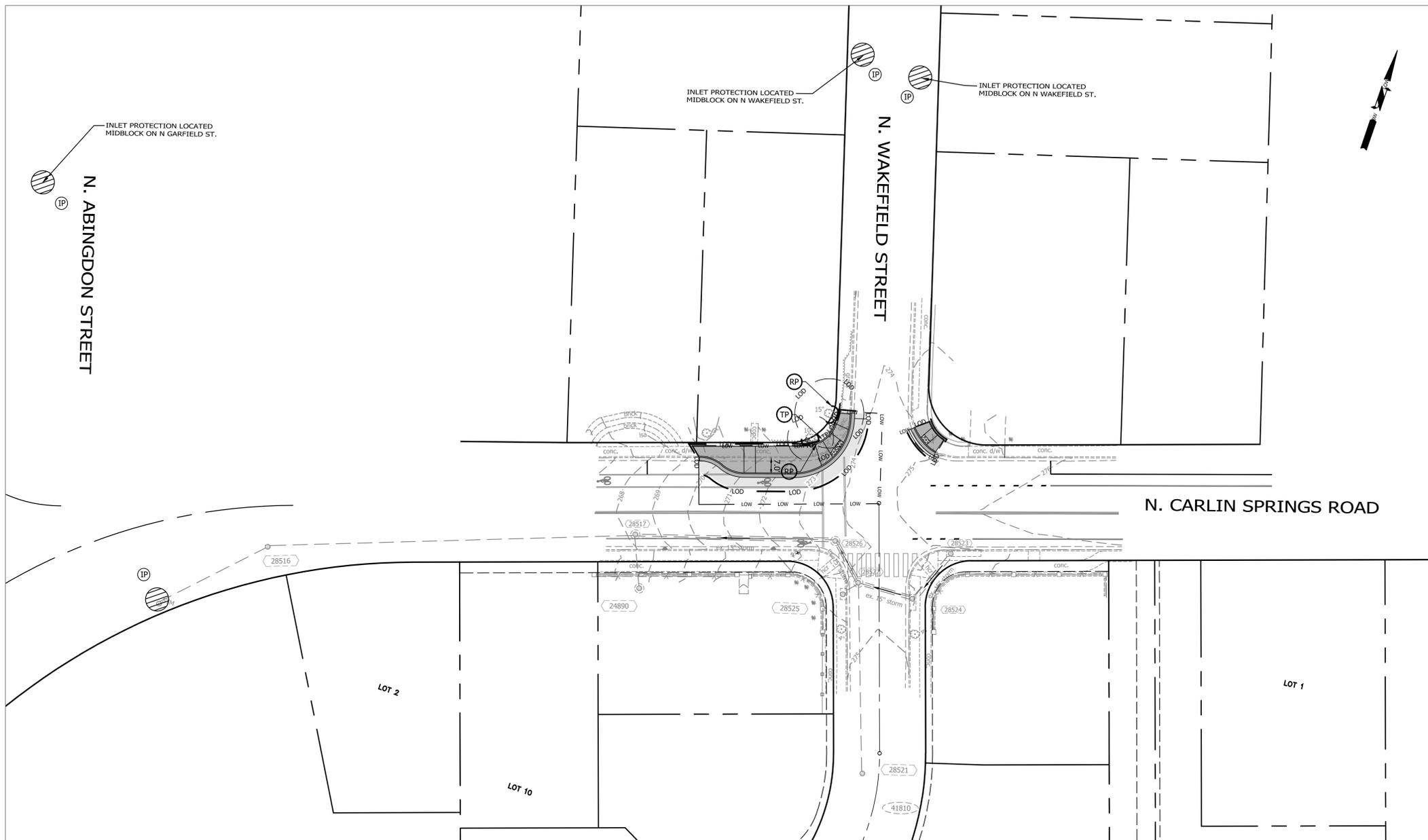
APPROVALS	DATE
	12.10.2019
QUALITY CONTROL ENGINEER	
	12/17/19
CONSTRUCTION MANAGEMENT SUPERVISOR	
	12/17/19
WATER, SEWER, STREETS BUREAU CHIEF	
	12/17/19
TRANSPORTATION DIRECTOR	
	12/17/19
PROJECT MANAGER	

REVISIONS	DATE

N. CARLIN SPRINGS ROAD
 DC14
 AT N EDISON STREET AND AT N WAKEFIELD STREET
 EROSION AND SEDIMENT CONTROL
 PLAN_PHASE I_WAKEFIELD

DESIGNED: J. ROJAS
 DRAWN: J. ROJAS
 CHECKED: P. RIGBY
 MISS UTILITY TRANSMITTAL #: 5362-D
 PLOTTED: DECEMBER 18 2019

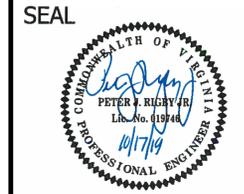




LEGEND:

VESCH 3.05	(SF)	SILT FENCE	— SF — SF —
VESCH 3.07	(IP)	INLET PROTECTION	(Hatched Circle)
VESCH 3.38	(TP)	TREE PROTECTION	— TP —
	(RP)	ROOT PRUNING	— RP —
	(LOD)	LIMIT OF DISTURBANCE	— LOD —
	(CRZ)	CRITICAL ROOT ZONE	(CRZ)

THIS SHEET IS FOR EROSION AND SEDIMENTATION CONTROL USE ONLY



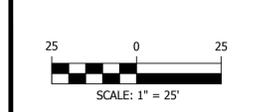
APPROVALS	DATE
<i>Michael Bennett</i>	12.10.2019
QUALITY CONTROL-ENGINEER	
<i>John S. Smith</i>	12/16/19
CONSTRUCTION MANAGEMENT SUPERVISOR	
<i>Debra L. ...</i>	12/17/19
WATER, SEWER, STREETS BUREAU CHIEF	
<i>...</i>	12/1/19
TRANSPORTATION DIRECTOR	
<i>...</i>	12/10/19
PROJECT MANAGER	

REVISIONS	DATE

**N. CARLIN SPRINGS ROAD
DC14
AT N EDISON STREET AND AT N WAKEFIELD STREET
EROSION AND SEDIMENT CONTROL
PLAN_PHASE II_WAKEFIELD**

DESIGNED: J. ROJAS
DRAWN: J. ROJAS
CHECKED: P. RIGBY
MISS UTILITY TRANSMITTAL #: 5362-D

PLOTTED: DECEMBER 18 2019



DEQ Virginia Runoff Reduction Method Re-Development Compliance Spreadsheet - Version 3.0

© 2011 BMP Standards and Specifications © 2013 Draft BMP Standards and Specifications

Project Name: **N Carlin Springs Rd - N Edison St/N Wakefield St**
 Date: **11/05/2019**
 Linear Development Project? **Yes**

Site Information

Post-Development Project (Treatment Volume and Loads)

Enter Total Disturbed Area (acres) → **0.2000**

Check:
 BMP Design Specifications List: 2013 Draft Stds & Specs
 Linear project? **Yes**
 Land cover areas entered correctly? **✓**
 Total disturbed area entered? **✓**

Maximum reduction required: **20%**
 The site's net increase in impervious cover (acres) is: **0.0000**
 Post-Development TP Load Reduction for Site (lb/yr): **0.0672**

	A Soils	B Soils	C Soils	D Soils	Totals
Forest/Open Space (acres) - undisturbed forest/open space					0.0000
Managed Turf (acres) - disturbed, graded for lawn or other turf to be mowed/managed		0.0138			0.0138
Impervious Cover (acres)		0.1869			0.1869
Totals					0.2007

	A Soils	B Soils	C Soils	D Soils	Totals
Forest/Open Space (acres) - undisturbed, protected forest/open space or reforested land					0.0000
Managed Turf (acres) - disturbed, graded for lawn or other turf to be mowed/managed		0.0226			0.0226
Impervious Cover (acres)		0.1781			0.1781
Totals					0.2007

	A Soils	B Soils	C Soils	D Soils
Forest/Open Space	0.02	0.03	0.04	0.05
Managed Turf	0.15	0.20	0.22	0.25
Impervious Cover	0.95	0.95	0.95	0.95

Annual Rainfall (inches)	43
Target Rainfall Event (inches)	1.00
Total Phosphorus (TP) EMC (mg/L)	0.26
Total Nitrogen (TN) EMC (mg/L)	1.86
Target TP Load (lb/acre/yr)	0.41
TP loading correction factor	0.90

Pre-Development	Land	Adjusted ¹
Forest/Open Space Cover (acres)	0.0000	0.0000
Weighted Rv/Forest	0.0000	0.0000
% Forest	0%	0%
Managed Turf Cover (acres)	0.0138	0.0138
Weighted Rv/Turf	0.2000	0.2000
% Managed Turf	7%	7%
Impervious Cover (acres)	0.1869	0.1869
Rv/Impervious	0.9500	0.9500
% Impervious	93%	93%
Total Site Area (acres)	0.2007	0.2007
Site Rv	0.8984	0.8984

Post-Development	Post-Development	Post-Development	Post-Development
Final	Final	Final	Final
Forest/Open Space Cover (acres)	0.0000	0.0000	0.0000
Weighted Rv/Forest	0.0000	0.0000	0.0000
% Forest	0%	0%	0%
Managed Turf Cover (acres)	0.0226	0.0226	0.0226
Weighted Rv/Turf	0.2000	0.2000	0.2000
% Managed Turf	11%	11%	11%
Impervious Cover (acres)	0.1781	0.1781	0.1781
Rv/Impervious	0.9500	0.9500	0.9500
% Impervious	89%	89%	89%
Final Site Area (acres)	0.2007	0.2007	0.2007
Final Post Dev Site Rv	0.8655	0.8655	0.8655

Pre-Development	Post-Development	Post-Development	Post-Development
Final	Final	Final	Final
Pre-Development Treatment Volume (acre-ft)	0.0150	0.0150	--
Post-Development Treatment Volume (acre-ft)	0.0145	0.0145	--
Pre-Development Treatment Volume (cubic feet)	654,5000	654,5000	--
Post-Development Treatment Volume (cubic feet)	630,5237	630,5237	--
Pre-Development TP Load (lb/yr)	0.4112	0.4112	--
Post-Development TP Load (lb/yr)	0.3962	0.3962	--
Pre-Development TP Load per acre (lb/acre/yr)	2.0500	2.0500	--
Post-Development TP Load per acre (lb/acre/yr)	1.9700	1.9700	--
Baseline TP Load (lb/yr)	0.41	0.41	--
Max. Reduction Required (Balance Pre-Development Load)	20%	20%	--
TP Load Reduction Required for Redeveloped Area (lb/yr)	0.0672	0.0672	0
TP Load Reduction Required for New Impervious Area (lb/yr)	0	0	0

Post-Development Requirement for Site Area

TP Load Reduction Required (lb/yr): **0.0672**

Linear Project TP Load Reduction Required (lb/yr): **0.0672**

Nitrogen Loads (Informational Purposes Only)

Pre-Development TN Load (lb/yr)	2.9419	Final Post-Development TN Load (Post-Development & New Impervious) (lb/yr)	2.8340
---------------------------------	--------	--	--------

¹ Adjusted Land Cover Summary: Pre-Development land cover minus pervious land cover (Forest/Open Space or managed turf) acreage proposed for new impervious cover.
 Adjusted total acreage is consistent with Post-Development acreage (minus acreage of new impervious cover).
 Column 1 shows load reduction requirement for new impervious cover based on new development load limit, 0.41 lb/acre/year.

STORMWATER NARRATIVE

The Runoff Reduction Spreadsheet information on this plan is for data tracking purposes to document the area of land disturbance and to characterize pre- and post-development land use conditions.

In accordance with Arlington County's Chesapeake Bay Total Maximum Daily Load (TMDL) Action Plan, approved by the Virginia Department of Environmental Quality (DEQ) on September 1, 2015, linear development projects conducted by the County are administered and tracked as follows consistent with 9VAC25-870-69.A.4, 9VAC25-870-76, and 9VAC25-870-92:

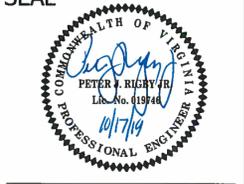
- Pollutant load changes will be computed as described in Section 3.A of the Action Plan.
- Retrofit opportunities will be evaluated for each project, using the screening and selection criteria applied and described in the adopted Stormwater Master Plan.
- Retrofit projects that meet the screening criteria and are determined by Arlington to be feasible and cost-effective will be implemented with specific linear development projects. Pollutant load reductions from retrofit projects will be computed as described in Section 5 of the Action Plan.
- In cases where retrofit projects are not feasible and cost-effective for a particular linear project, any POC load increases that might occur for that project will be addressed by larger overall POC load reductions in place or added through TMDL action plan implementation.

In the above manner Arlington, as the MS4 operator and the construction site operator for its linear development projects, implements linear projects and retrofit projects in a manner that achieves the most TMDL POC reduction for the least cost, while fully accounting for load changes that occur with linear development project activity consistent with the DEQ Chesapeake Bay TMDL Special Condition Guidance.



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APPROVALS DATE

Matthew Brooks 12.10.2019
 QUALITY CONTROL ENGINEER

Paula Spivey 12/10/19
 CONSTRUCTION MANAGEMENT SUPERVISOR

Debra Hester 12/10/19
 WATER, SEWER, STREETS BUREAU CHIEF

John P. Goff 12/10/19
 TRANSPORTATION DIRECTOR

John P. Goff 12/10/19
 PROJECT MANAGER

REVISIONS DATE

N. CARLIN SPRINGS ROAD
DC14
 AT N EDISON STREET AND AT N WAKEFIELD STREET
 VRRM SPREADSHEET

DESIGNED: J. ROJAS
 DRAWN: J. ROJAS
 CHECKED: P. RIGBY
 MISS UTILITY TRANSMITTAL #: 5362-D

PLOTTED: DECEMBER 18 2019

SCALE:

STORMWATER POLLUTION PREVENTION PLAN

N Carlin Springs Rd Improvements - N Edison St & N Wakefield St
STORMWATER POLLUTION PREVENTION PLAN (SWPPP)
Arlington County Projects
(Linear Development / Stormwater Retrofit)

For Construction Activities At:
Intersection of N Carlin Springs Rd and N Edison St, and
Intersection of N Carlin Springs Rd and N Wakefield St.
Latitude: ... N (decimal degrees)
Longitude: ... W (decimal degrees)

Construction Activity Operator:
To Be Determined through BID selection

SWPPP Preparation Date:
May 21, 2019

CERTIFICATION

I certify under penalty of law that I have read and understand this document and that this document and all attachments were prepared in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Operator Name:
Title:
Signature:
Date:

Arlington County SWPPP 12/2016

STORMWATER POLLUTION PREVENTION PLAN

1.0 SWPPP Documents Located Onsite & Available for Review

Table with 2 columns: SWPPP Document Type, Located Onsite & Available for Review? (Yes/No/NA)

Required documents must be kept at a centralized location on the project site (i.e. in a mail box or other container)

2.0 Authorized Non-Stormwater Discharges

Table with 2 columns: Type of Authorized Non-Stormwater Discharges, Likely Present at Your Project Site? (Yes/No)

3.0 Pollution Prevention Awareness

Employees will be given a "walk through" of the site identifying areas of possible pollution and will be shown Erosion and Sediment Controls and Pollution Prevention Practices (identified in Sections 4.0 and 5.0 of this SWPPP) that are applicable to their assigned job duties. A refresher meeting and "walk through" will be conducted on an as needed basis.

4.0 Erosion & Sediment Controls

Table with 5 columns: Select all that apply, Erosion & Sediment Control, Estimated Installation Date, Estimated Removal Date, Responsible Party

Arlington County SWPPP 12/2016

STORMWATER POLLUTION PREVENTION PLAN

5.0 Potential Sources of Pollution & Pollution Prevention Practices

Table with 10 rows of activities and 10 columns of pollutants (Sediment, Nutrients, Heavy Metals, pH, Pesticides & Herbicides, Oil & Grease, Bacteria & Viruses, Trash, Debris, Solids, Other Toxic Chemicals)

Arlington County SWPPP 11/2016

STORMWATER POLLUTION PREVENTION PLAN

7.0 Spill Prevention & Response

Most spills can be cleaned up using a spill kit. Absorbent/dry, sealable containers, plastic bags, and shovels/brooms are suggested minimum spill response items that should be available at the project site.

- 1st Priority: Protect all people
2nd Priority: Protect equipment and property
3rd Priority: Protect the environment

- 1. Check for hazards (flammable material, noxious fumes, cause of spill) - If flammable liquid, turn off engines and nearby electrical equipment. If serious hazards are present leave the area and call 911. LARGE SPILLS ARE LIKELY TO PRESENT A HAZARD.
2. Ensure the spill area is safe to enter and that it does not pose an immediate threat to health or safety of any person.
3. Stop the spill source.
4. Call co-workers and supervisor for assistance and to make them aware of the spill and potential dangers.
5. If possible, stop spill from spreading and/or entering storm drains (use absorbent or other materials as necessary).
6. If spilled material has entered a storm drain; contact Arlington County Fire Department and project manager.
7. Clean up spilled material according to manufacturer specifications, for liquid spills use absorbent materials and do not flush area with water.
8. Properly dispose of cleanup materials and used absorbent material according to manufacturer specifications.

Emergency Contacts:

Local Contacts
Arlington County Fire & Police 703-558-2222
DES Water, Sewer, Streets 24-Hour Emergency 703-228-6555
Washington Gas Emergency 703-750-1400

Nights, Holidays & Weekends
VA Dept. of Emergency Management 804-674-2400
24 Hour Reporting Service

Spill kit on site: Yes No
Location(s) of spill kit:

Arlington County SWPPP 12/2016

STANDARD NOTE FROM STORMWATER MANUAL: 2.4 POLLUTION PREVENTION PLAN (P2 PLAN)

ONLY THE FOLLOWING NON-STORMWATER DISCHARGES ARE AUTHORIZED BY ARLINGTON COUNTY'S M54 PERMIT, UNLESS THE STATE WATER CONTROL BOARD, THE VIRGINIA SOIL AND WATER CONSERVATION BOARD (BOARD), OR ARLINGTON COUNTY DETERMINES THE DISCHARGE TO BE A SIGNIFICANT SOURCE OF POLLUTANTS TO SURFACE WATERS:

WATER LINE FLUSHING; LANDSCAPE IRRIGATION; DIVERTED STREAM FLOWS; RISING GROUND WATERS; UNCONTAMINATED GROUND WATER INFILTRATION (AS DEFINED AT 40 CFR 35.2005(20)); UNCONTAMINATED PUMPED GROUND WATER; DISCHARGES FROM POTABLE WATER SOURCES; FOUNDATION DRAINS; AIR CONDITIONING CONDENSATION; IRRIGATION WATER; SPRINGS; WATER FROM CRAWL SPACE PUMPS; FOOTING DRAINS; LAWN WATERING; INDIVIDUAL RESIDENTIAL CAR WASHING; FLOWS FROM RIPARIAN HABITATS AND WETLANDS; DECHLORINATED SWIMMING POOL DISCHARGES; DISCHARGES OR FLOWS FROM FIRE FIGHTING; AND, OTHER ACTIVITIES GENERATING DISCHARGES IDENTIFIED BY THE DEPARTMENT OF ENVIRONMENTAL QUALITY AS NOT REQUIRING VPDES AUTHORIZATION.

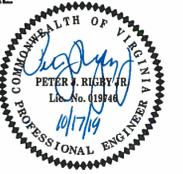
APPROPRIATE CONTROLS MUST BE IMPLEMENTED TO PREVENT ANY NON-STORMWATER DISCHARGES NOT INCLUDED ON THE ABOVE LIST (E.G., CONCRETE WASH WATER, PAINT WASH WATER, VEHICLE WASH WATER, DETERGENT WASH WATER, ETC.) FROM BEING DISCHARGED INTO ARLINGTON COUNTY'S M54 SYSTEM, WHICH INCLUDES THE CURB AND GUTTER SYSTEM, AS WELL AS CATCH BASINS AND OTHER STORM DRAIN INLETS, OR STREAM NETWORK.

PER CHAPTER 26 OF THE ARLINGTON COUNTY CODE, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DISCHARGE DIRECTLY OR INDIRECTLY INTO THE STORM SEWER SYSTEM OR STATE WATERS, ANY SUBSTANCE LIKELY, IN THE OPINION OF THE COUNTY MANAGER, TO HAVE AN ADVERSE EFFECT ON THE STORM SEWER SYSTEM OR STATE WATERS.



DEPARTMENT OF ENVIRONMENTAL SERVICES
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SEAL



APPROVALS DATE

Approval signatures and dates for Quality Control Engineer, Construction Management Supervisor, Water, Sewer, Streets Bureau Chief, Transportation Director, and Project Manager.

REVISIONS DATE

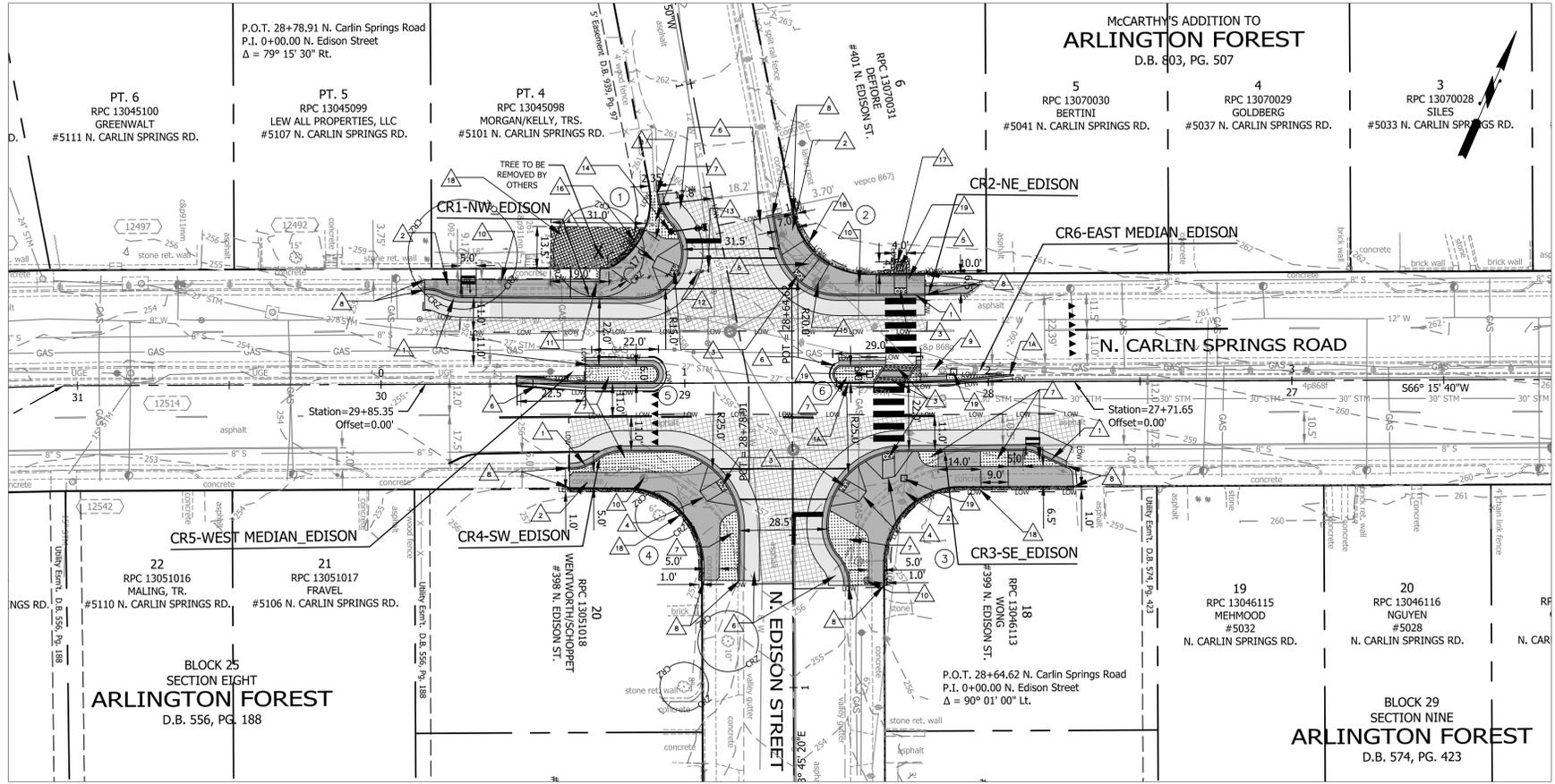
Table for tracking revisions with columns for Revisions and Date.

N. CARLIN SPRINGS ROAD DC14
AT N EDISON STREET AND AT N WAKEFIELD STREET
STORMWATER POLLUTION PREVENTION PLAN

DESIGNED: J. ROJAS
DRAWN: J. ROJAS
CHECKED: P. RIGBY
MISS UTILITY TRANSMITTAL #: 5362-D

PLOTTED: DECEMBER 18 2019

SCALE:



KEYED NOTES:

- 1 PROP. TYPE C-2 CURB AND GUTTER PER ARL. CO. STD. DWG. R-2.0
- 1A PROP. TYPE C-3 STANDARD HEADER CURB PER ARL. CO. STD. DWG. R-2.0
- 2 PROP. CONC. SIDEWALK PER ARL. CO. STD. DWG. R-2.0
- 3 PROP. DETECTABLE WARNING SURFACE DARK GRAY COLOR PER ARL. CO. STD. H-3.2 CURB RAMPS.
- 4 PROP. TYPE CG-12A CURB RAMP PER VDOT ROAD AND BRIDGE STD. DWG. CG-12
- 5 PROP. TYPE CG-12B CURB RAMP PER VDOT ROAD AND BRIDGE STD. DWG. CG-12
- 6 PROP. ASPHALT, FULL DEPTH REPLACEMENT PER ARL. CO. STD. DWG. R-1.0, R-1.1
- 7 PROP. SOD AND 4" TOPSOIL PER ACG - DES, SECTION 329200 SEEDING AND SODDING AND SECTION 329100 PLANT PREPARATION.
- 8 MATCH EXISTING T.O.C. OR SIDEWALK GRADE AND EXISTING WIDTH.
- 9 ADJUST EX. STORM MANHOLE TO GRADE AS REQ'D.
- 10 ADJUST WATER METER TO GRADE AS REQ'D.
- 11 EXISTING FIRE HYDRANT TO BE REMOVED AND DISPOSED. THE CONTRACTOR IS REQUIRED TO CAP THE HYDRANT LEAD PIPE, INSTALL THRUST RESTRAINED BEHIND THE VALVE, ABANDON THE EXISTING VALVE IN PLACE AND REMOVE THE VALVE BOX AND STABILIZED THE VOID.
- 12 REMOVE AND DISPOSE EX. 6-INCH WATER VALVE
- 13 CUT & CAP EX. 6-INCH WATER LINE AND USE FLOWABLE FILL AT ENDS OF ABANDONED PIPE.
- 14 INSTALL 6-INCH WATER LINE AND FIRE HYDRANT (SEE SHEET #26 FIRE HYDRANT PROFILE)
- 15 ADJUST EX. SANITARY MANHOLE TO GRADE AS REQ'D.
- 16 PROPOSED RETAINING WALL (SEE DETAIL SHEET 3) - WALL TO BE MAINTAINED BY PROPERTY OWNER.
- 17 PROP. PERMANENT EASEMENT FOR PUBLIC SIDEWALK, UTILITIES, AND TRAFFIC SIGNAL EQUIPMENT PURPOSES
- 18 PROP. TEMPORARY CONSTRUCTION EASEMENT FOR ACCESS ONLY
- 19 PROP. PEDESTAL POLE FOUNDATION ARL. CO. STD. DWG. 66-04.
- PROP. RECTANGULAR RAPID FLASHING BEACON ARL. CO. STD. DWG. 72-01 (BY OTHERS.)

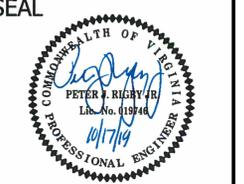
CURB RETURN NUMBER. SEE CURB RETURN PLAN & PROFILE SHEET FOR DETAILS

AREA OF TEMPORARY EASEMENT FOR ACCESS ONLY

ARLINGTON VIRGINIA

DEPARTMENT OF ENVIRONMENTAL SERVICES
 FACILITIES & ENGINEERING DIVISION
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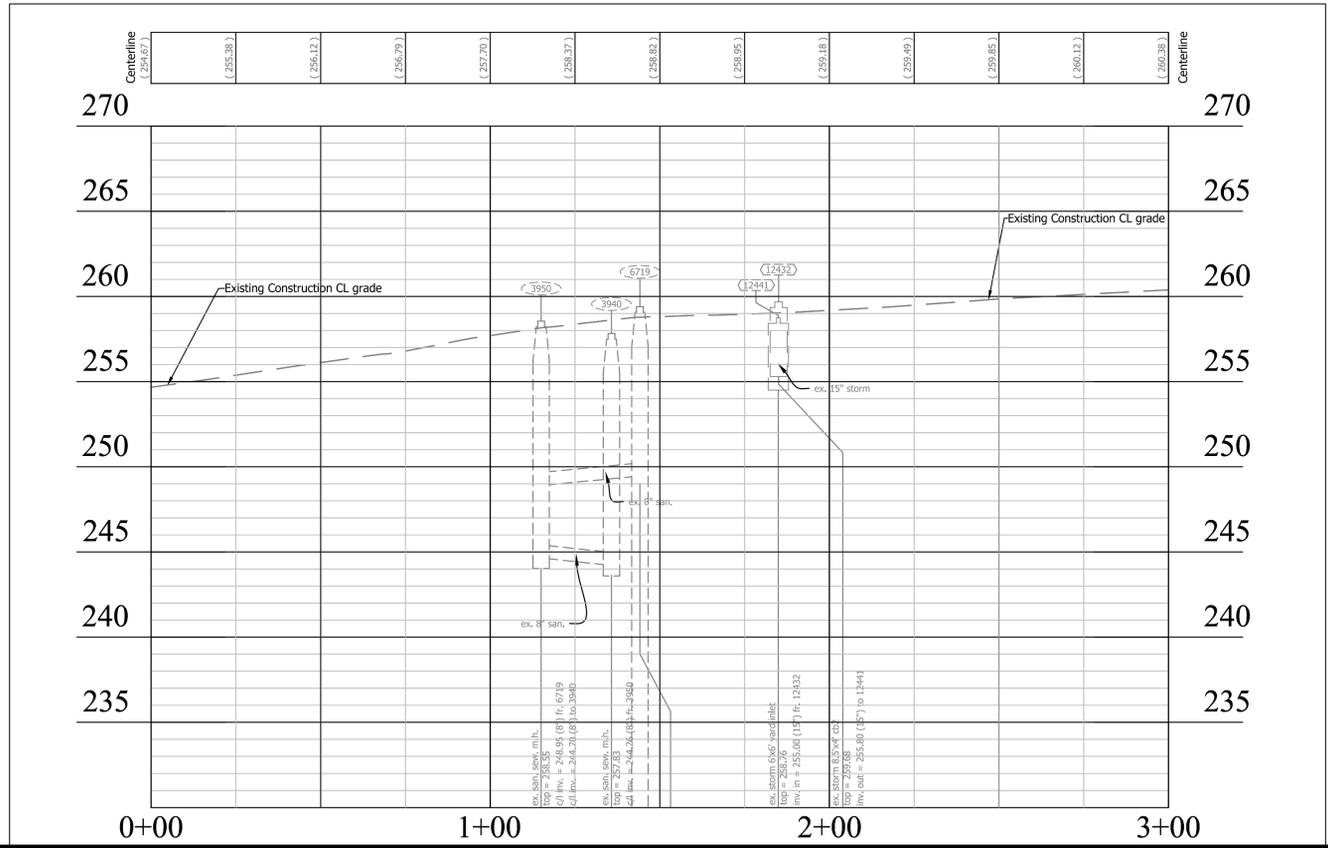
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APPROVALS	DATE
<i>Michael B...</i>	12.10.2019
QUALITY CONTROL ENGINEER	
<i>...</i>	12/10/19
CONSTRUCTION MANAGEMENT SUPERVISOR	
<i>...</i>	12/10/19
WATER, SEWER, STREETS BUREAU CHIEF	
<i>...</i>	12/10/19
TRANSPORTATION DIRECTOR	
<i>...</i>	12/10/19
PROJECT MANAGER	

REVISIONS	DATE

N CARLIN SPRINGS ROAD CL CONSTRUCTION ALIGNMENT

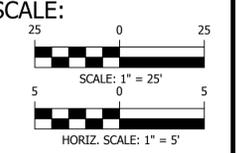


PERMIT REQUIREMENTS

- THE FOLLOWING PERMITS WILL BE REQUIRED FOR THIS PROJECT.
1. ARLINGTON COUNTY LAND DISTURBING ACTIVITY (LDA) PERMIT
 2. ARLINGTON COUNTY PUBLIC RIGHT-OF-WAY (PROW) PERMIT
 3. ARLINGTON COUNTY TRANSPORTATION RIGHT-OF-WAY (TROW) PERMIT
 4. NO VDOT PERMITS ARE REQUIRED.
 5. NO WMATA PERMITS ARE REQUIRED.

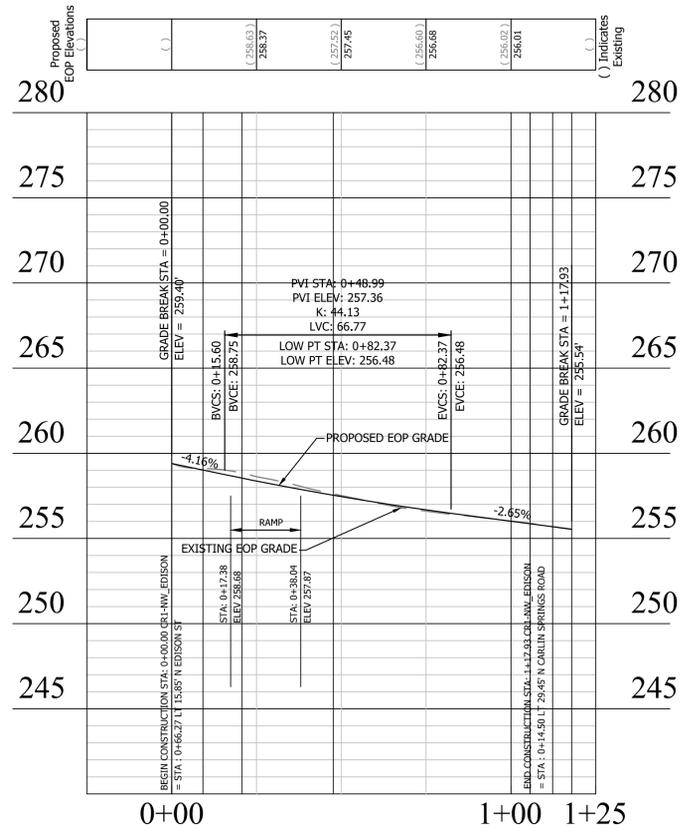
N. CARLIN SPRINGS ROAD
 DC14
 AT N EDISON STREET AND AT N WAKEFIELD STREET
 PLAN_PROFILE_EDISON

DESIGNED: J. ROJAS
 DRAWN: J. ROJAS
 CHECKED: P. RIGBY
 MISS UTILITY TRANSMITTAL #: 5362-D
 PLOTTED: DECEMBER 18 2019

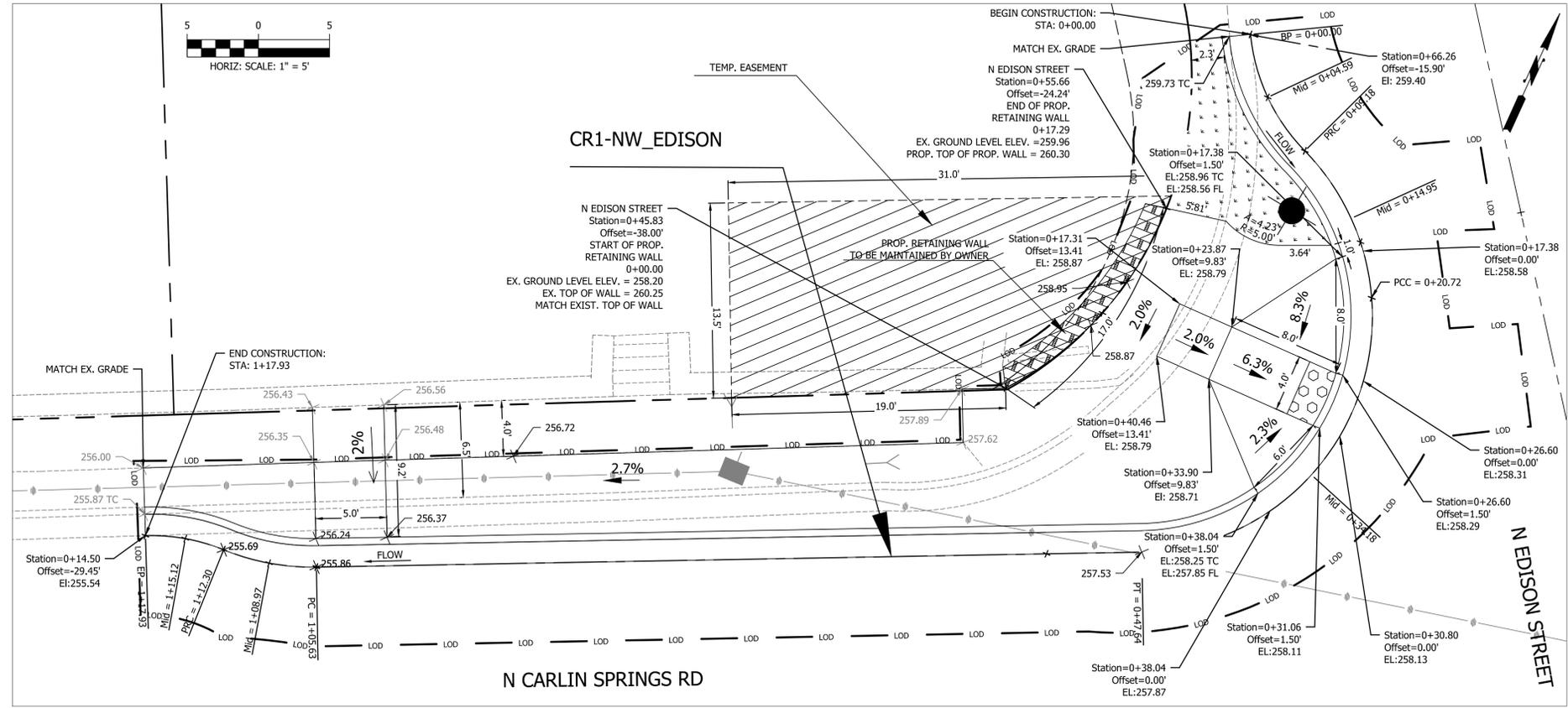


PV - CR1-NW_EDISON

(STATIONING ALONG EDGE OF PAVEMENT)

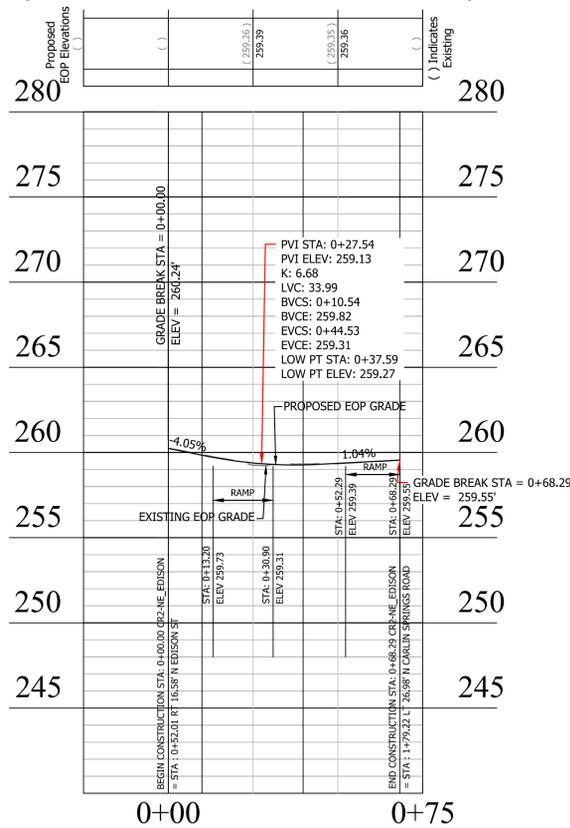


CURB RETURN - CR1

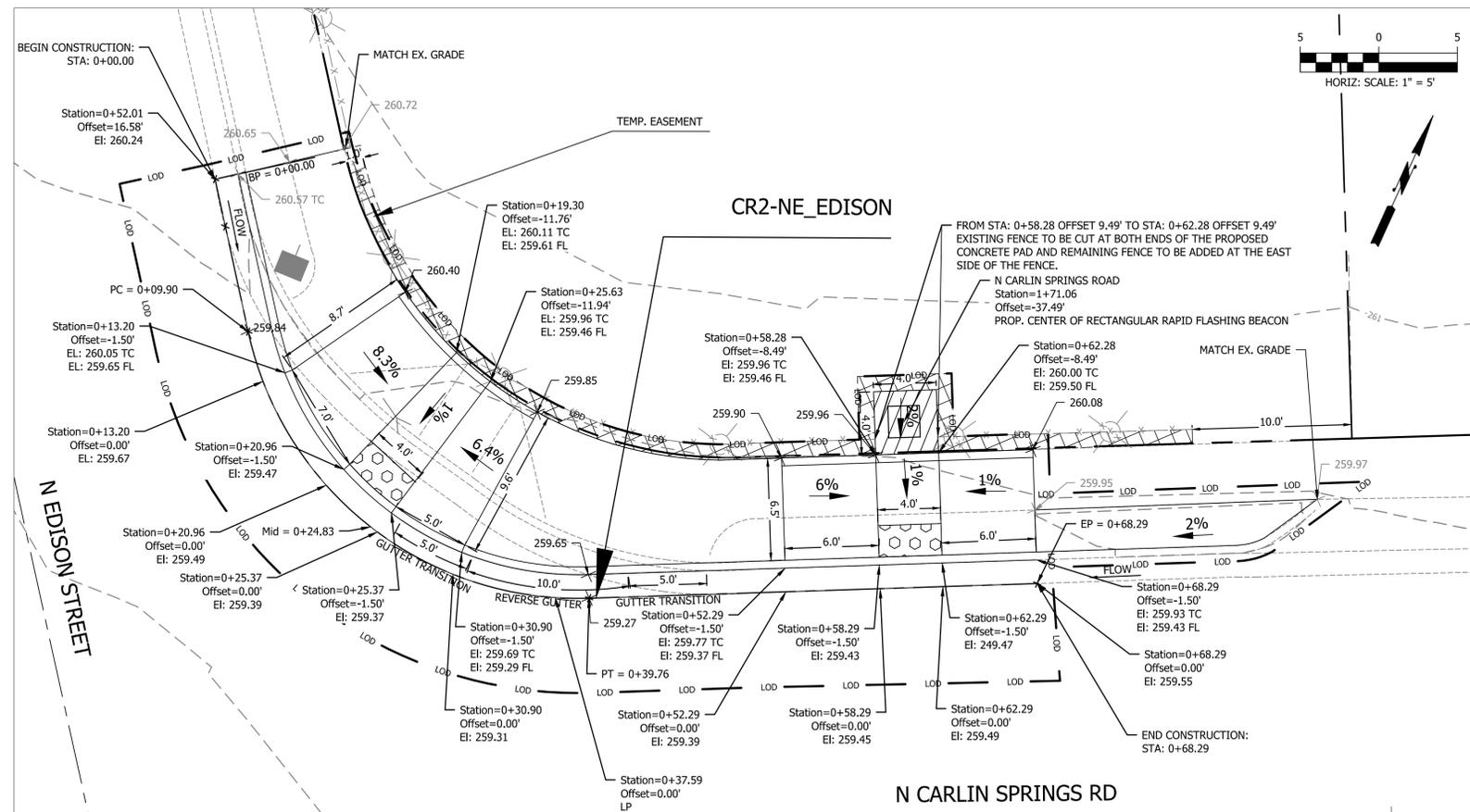


PV - CR2-NE_EDISON

(STATIONING ALONG EDGE OF PAVEMENT)

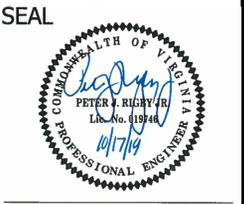


CURB RETURN - CR2



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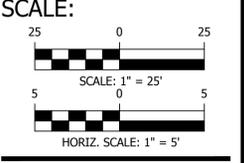
APPROVALS	DATE
<i>M. Smith</i>	12.10.2019
<i>P. Rigby</i>	12/10/19
<i>A. Smith</i>	12/10/19
<i>J. Smith</i>	12/10/19

REVISIONS	DATE

N. CARLIN SPRINGS ROAD
 DC14
 AT N EDISON STREET AND AT N WAKEFIELD STREET
 RAMP DETAILS_EDISON CR1 CR2

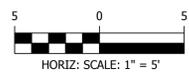
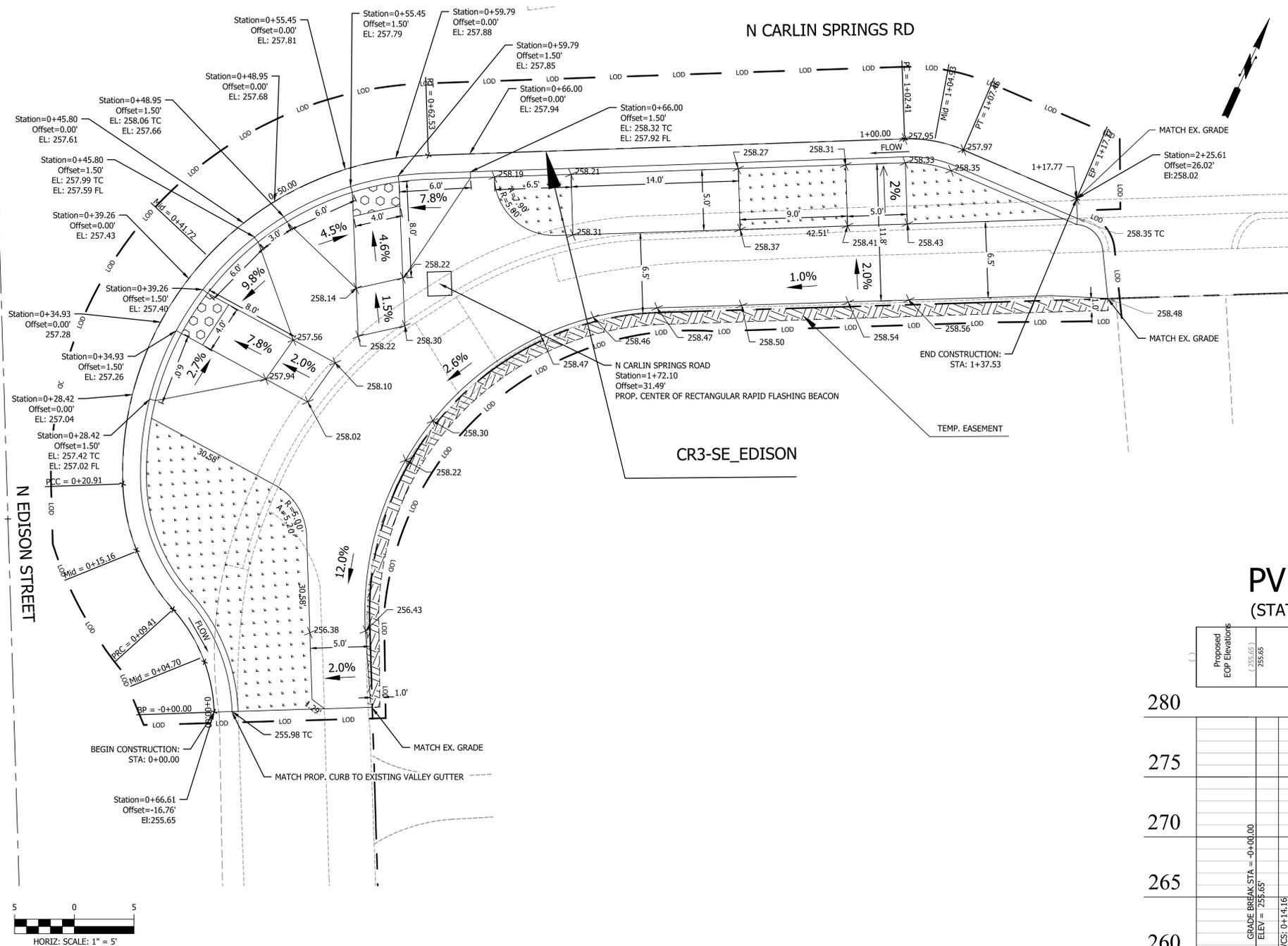
DESIGNED: J. ROJAS
 DRAWN: J. ROJAS
 CHECKED: P. RIGBY
 MISS UTILITY TRANSMITTAL #: S362-D

PLOTTED: DECEMBER 18 2019

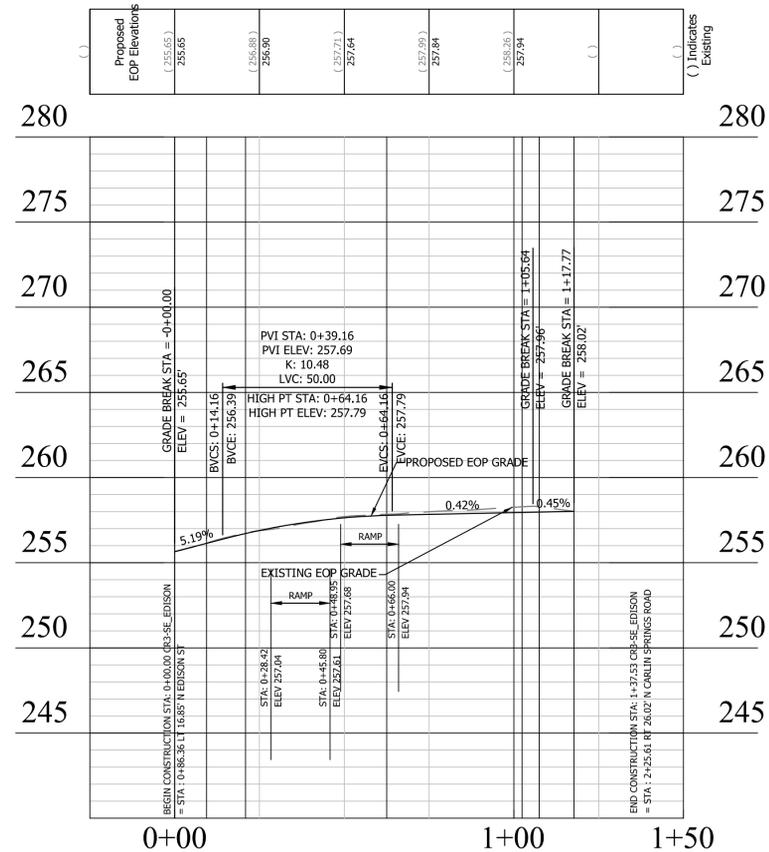


REVISED ON 05/23/2018
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CURB RETURN - CR3

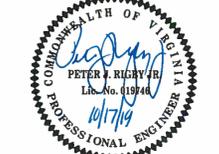


PV - CR3-SE_EDISON (STATIONING ALONG EDGE OF PAVEMENT)



DEPARTMENT OF ENVIRONMENTAL SERVICES
 FACILITIES & ENGINEERING DIVISION
 ENGINEERING BUREAU
 2100 CLARENDON BOULEVARD, SUITE 813
 ARLINGTON, VA 22201
 PHONE: 703.228.3629
 FAX: 703.228.3606

REVISIONS DATE



APPROVALS DATE
 [Signature] 12/10/2019
 QUALITY CONTROL ENGINEER
 [Signature] 12/10/19
 CONSTRUCTION MANAGEMENT SUPERVISOR
 [Signature] 12/10/19
 WATER, SEWER, STREETS BUREAU CHIEF
 [Signature] 12/10/19
 TRANSPORTATION DIRECTOR
 [Signature] 12/10/19
 PROJECT MANAGER

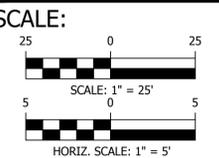
REVISIONS DATE

REVISIONS	DATE

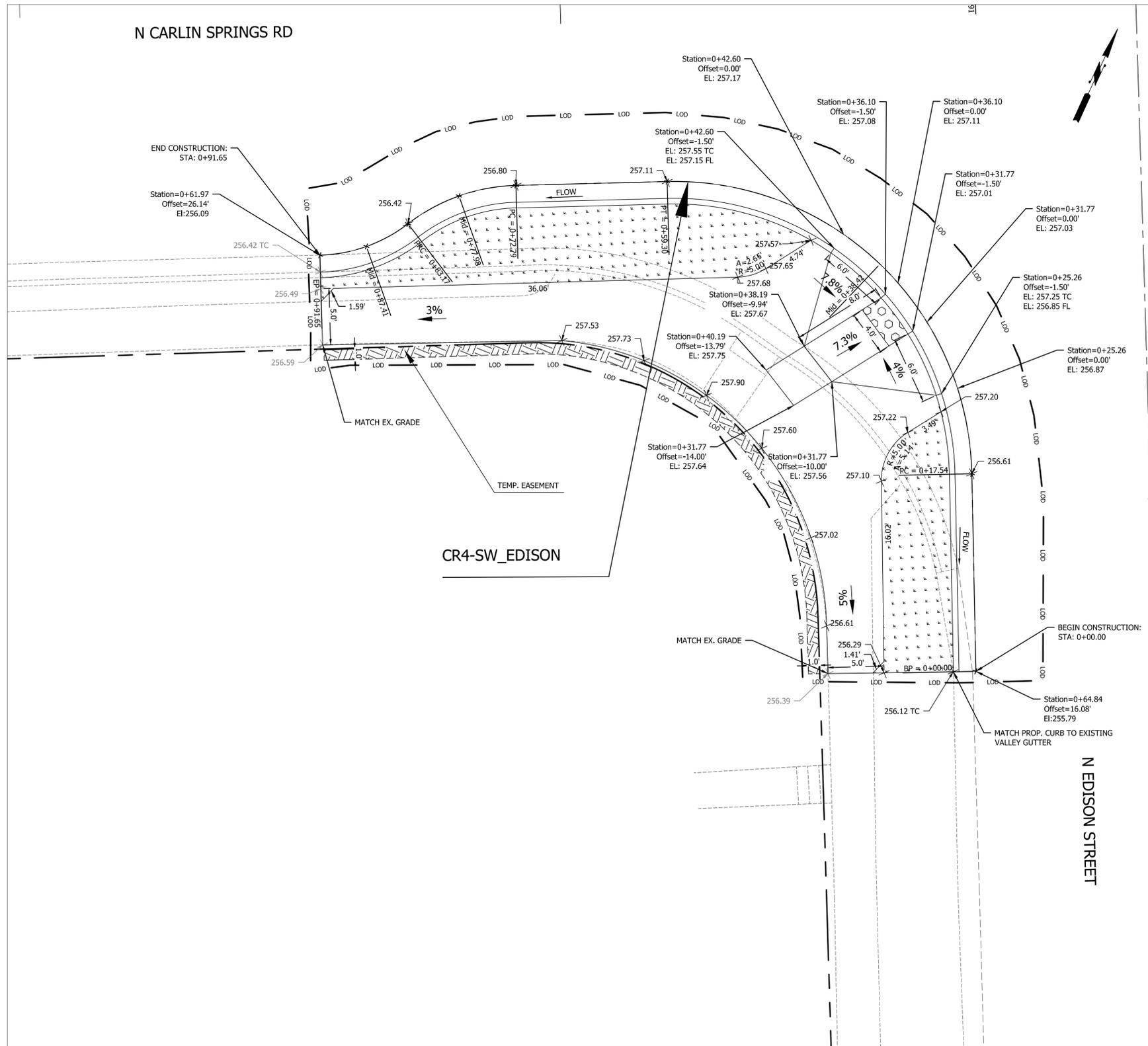
N. CARLIN SPRINGS ROAD
 DC14
 AT N EDISON STREET AND AT N WAKEFIELD STREET
 RAMP DETAILS_EDISON CR3

DESIGNED: J. ROJAS
 DRAWN: J. ROJAS
 CHECKED: P. RIGBY
 MISS UTILITY TRANSMITTAL #: 5362-D

PLOTTED: DECEMBER 18 2019

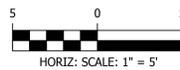
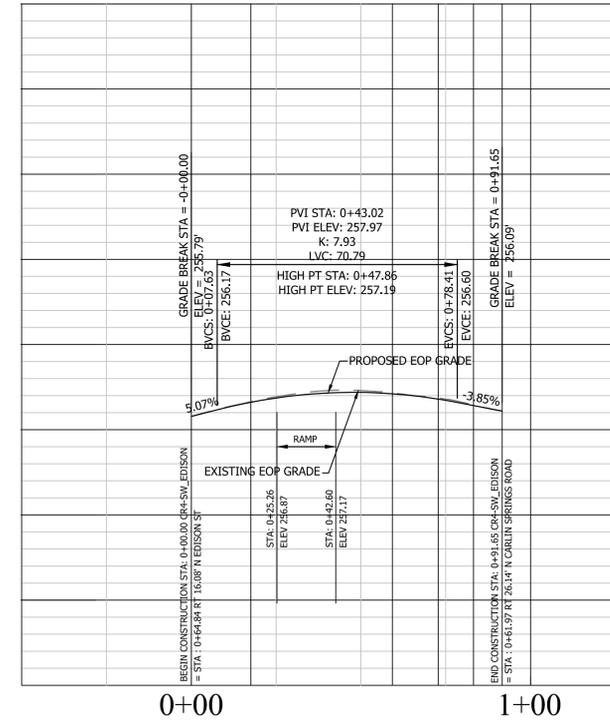


CURB RETURN - CR4

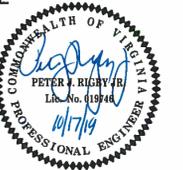


PV - CR4-SW_EDISON (STATIONING ALONG EDGE OF PAVEMENT)

Proposed EOP Elevations	(255.79)	(255.79)	(256.93)	(256.86)	(257.20)	(257.19)	(256.92)	(256.73)	()	Indicates Existing



SEAL



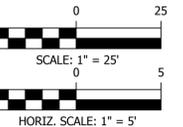
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<i>[Signature]</i>	12.10.2019
QUALITY CONTROL ENGINEER	
<i>[Signature]</i>	12/10/19
CONSTRUCTION MANAGEMENT SUPERVISOR	
<i>[Signature]</i>	12/11/19
WATER, SEWER, STREETS BUREAU CHIEF	
<i>[Signature]</i>	12/11/19
TRANSPORTATION DIRECTOR	
<i>[Signature]</i>	12/10/19
PROJECT MANAGER	

REVISIONS DATE

N. CARLIN SPRINGS ROAD
DC14
AT N EDISON STREET AND AT N WAKEFIELD STREET
RAMP DETAILS_EDISON CR4

DESIGNED: J. ROJAS
DRAWN: J. ROJAS
CHECKED: P. RIGBY
MISS UTILITY TRANSMITTAL #: 5362-D
PLOTTED: DECEMBER 18 2019

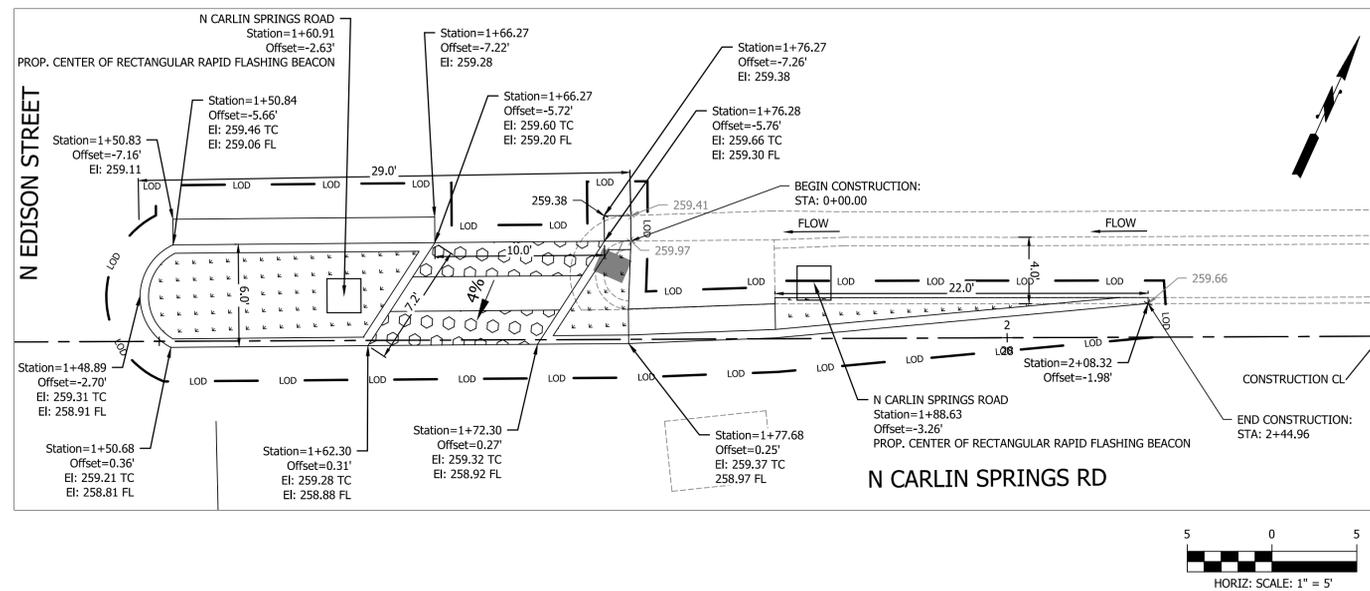
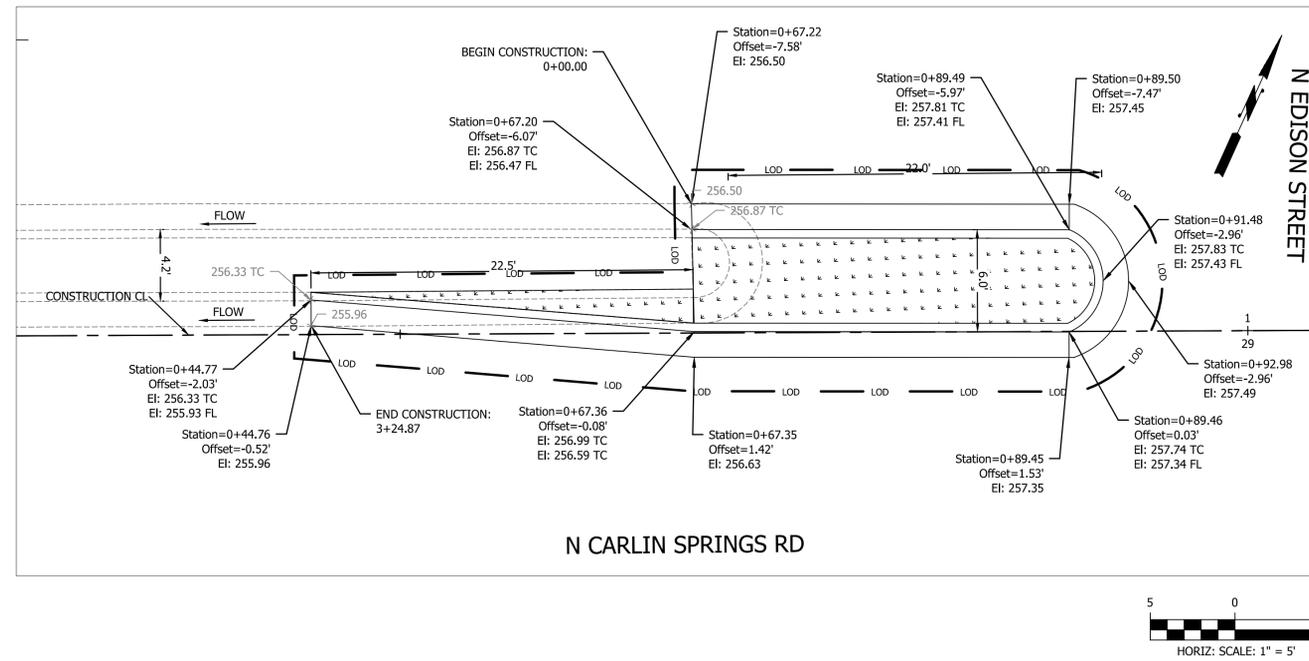
SCALE:



REVISED ON 05/23/2018

FILENAME: DC14-208-RAMP_DETAILS_MEDIAN_EDISON.DWG PATH: Q:\DATA\DC14\DESIGN\CAD\90_100_PCT_ARCHIVE_PLOTTED BY: ROJAS

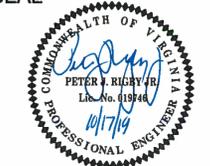
MEDIAN - WEST EDISON CR5



DEPARTMENT OF ENVIRONMENTAL SERVICES
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SEAL



APPROVALS DATE

<i>Matthew B...</i>	12.10.2019
QUALITY CONTROL ENGINEER	
<i>...</i>	12/10/19
CONSTRUCTION MANAGEMENT SUPERVISOR	
<i>...</i>	12/10/19
WATER, SEWER, STREETS BUREAU CHIEF	
<i>...</i>	12/10/19
TRANSPORTATION DIRECTOR	
<i>...</i>	12/10/19
PROJECT MANAGER	

REVISIONS DATE

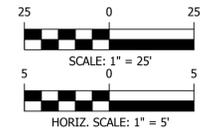
REVISIONS	DATE

N. CARLIN SPRINGS ROAD
 DC14
 AT N EDISON STREET AND AT N WAKEFIELD STREET
 RAMP DETAILS EDISON CR5 CR6

DESIGNED: J. ROJAS
 DRAWN: J. ROJAS
 CHECKED: P. RIGBY
 MISS UTILITY TRANSMITTAL #: 5362-D

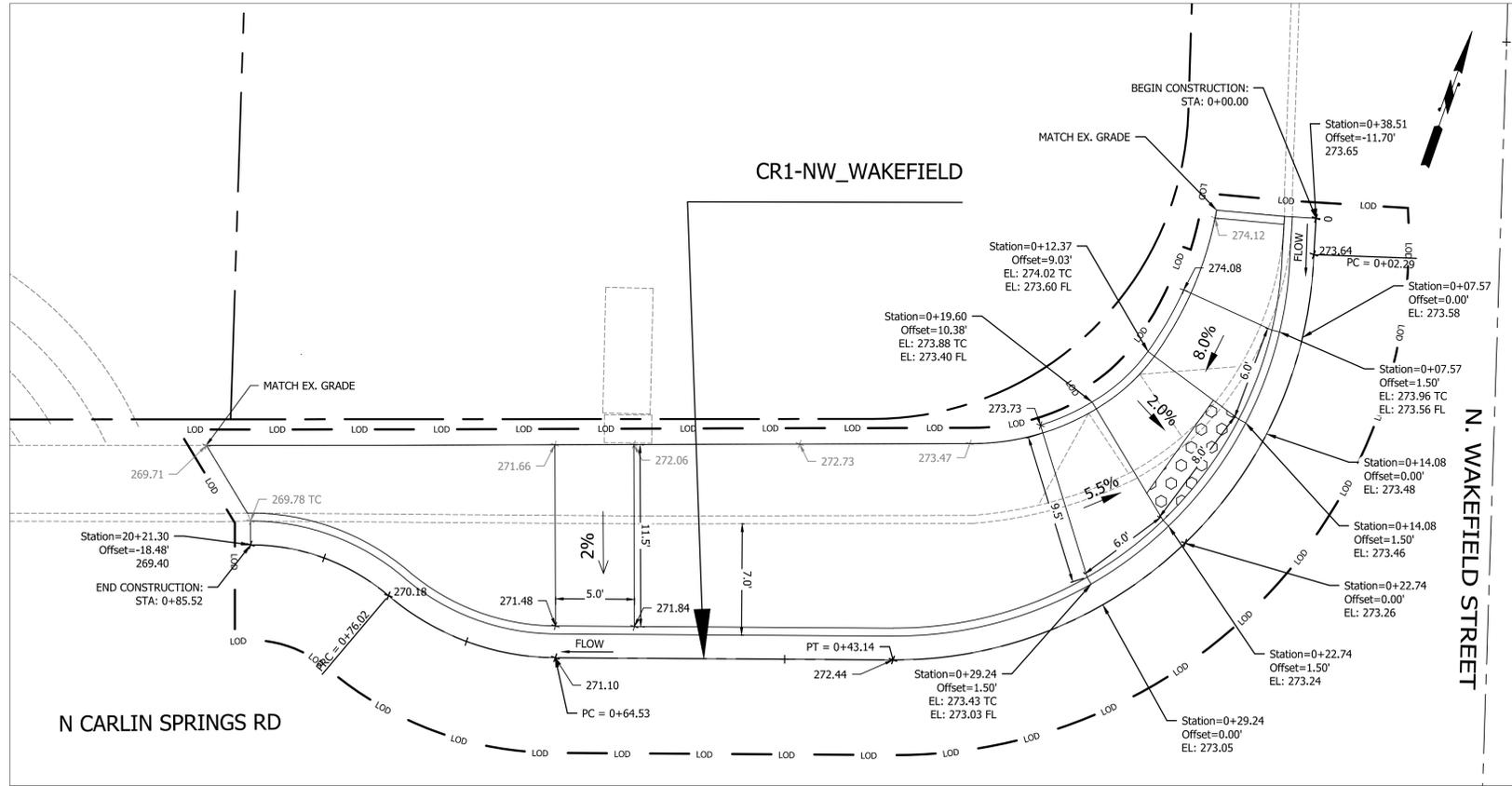
PLOTTED: DECEMBER 18 2019

SCALE:

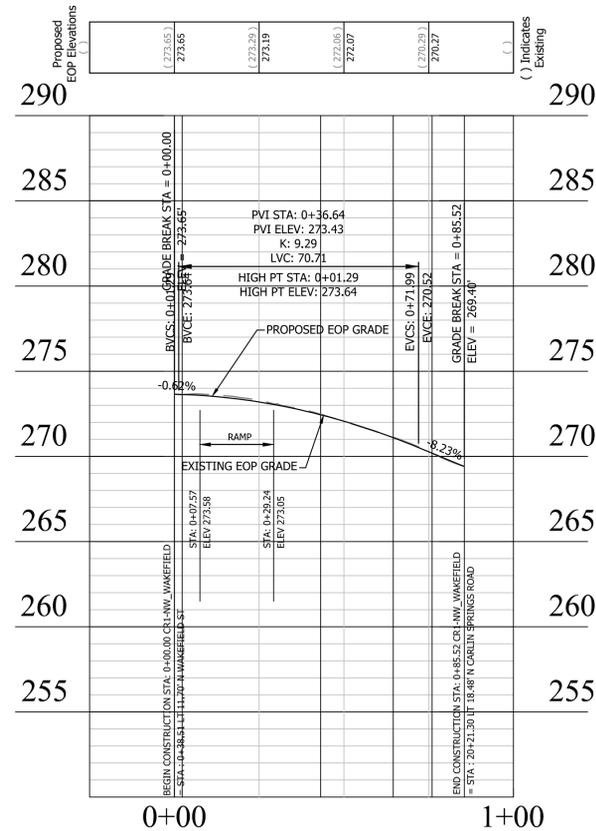


REVISED ON 05/23/2018
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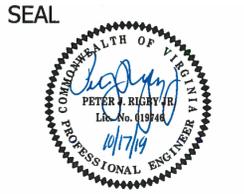
CURB RETURN - CR1



PV - CR1-NW_WAKEFIELD (STATIONING ALONG EDGE OF PAVEMENT)



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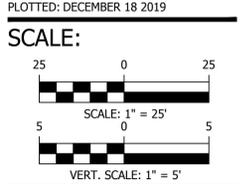


APPROVALS	DATE
<i>[Signature]</i>	12.10.2019
QUALITY CONTROL ENGINEER	
<i>[Signature]</i>	12/10/19
CONSTRUCTION MANAGEMENT SUPERVISOR	
<i>[Signature]</i>	12/10/19
WATER, SEWER, STREETS BUREAU CHIEF	
<i>[Signature]</i>	12/10/19
TRANSPORTATION DIRECTOR	
<i>[Signature]</i>	12/10/19
PROJECT MANAGER	

REVISIONS	DATE

N. CARLIN SPRINGS ROAD
 DC14
 AT N EDISON STREET AND AT N WAKEFIELD STREET
 RAMP DETAILS WAKEFIELD CR1

DESIGNED: J. ROJAS
 DRAWN: J. ROJAS
 CHECKED: P. RIGBY
 MISS UTILITY TRANSMITTAL #: 5362-D





ENGINEER
DEPARTMENT OF
ENVIRONMENTAL SERVICES

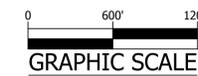
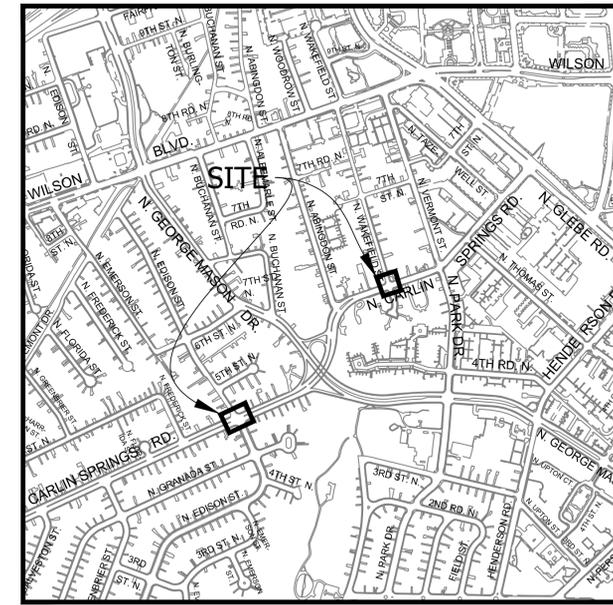
FACILITIES & ENGINEERING DIVISION
ENGINEERING BUREAU
2100 CLARENDON BOULEVARD, SUITE 813
ARLINGTON, VA 22201
PHONE: 703.228.3629 FAX: 703.228.3606
WWW.ARLINGTONVA.US

OWNER
DEPARTMENT OF
ENVIRONMENTAL SERVICES

DEPARTMENT OF TRANSPORTATION
ENGINEERING AND OPERATIONS BUREAU
2100 CLARENDON BOULEVARD, SUITE 900,
ARLINGTON, VA 22201
PHONE: 703.228.6570 FAX: 703.228.3606
WWW.ARLINGTONVA.US

CONTRACTOR
TO BE DETERMINED

LOCATION MAP



CONSTRUCTION DRAWINGS FOR:

N. CARLIN SPRINGS ROAD AT N EDISON STREET AND AT N WAKEFIELD STREET

PROJECT NUMBER: DC14

GENERAL NOTES:

GENERAL CONSTRUCTION NOTES

- ALL CONSTRUCTION WORK FOR THIS PROJECT SHALL CONFORM TO THE ARLINGTON COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES, CONSTRUCTION STANDARDS AND SPECIFICATIONS, AND WHERE APPLICABLE THE VIRGINIA DEPARTMENT OF TRANSPORTATION (VDOT) ROAD AND BRIDGE SPECIFICATIONS, AND ROAD AND BRIDGE STANDARDS. THE LATEST EDITIONS OF EACH RELEVANT MANUAL SHALL BE USED.
- ALL CONSTRUCTION AND WORK ACTIVITIES SHALL COMPLY WITH THE VIRGINIA WORK AREA PROTECTION MANUAL AND ALL OTHER RELEVANT WORK SAFETY REQUIREMENTS, LATEST EDITIONS.
- THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE PROJECT OFFICER OF ANY DISCREPANCIES BETWEEN ACTUAL FIELD CONDITIONS AND THE APPROVED PLANS.
- THE CONTRACTOR SHALL CONTACT "MISS UTILITY" AT 811 FOR MARKING THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES (i.e. WATER, SEWER, GAS, TELEPHONE, ELECTRIC, AND CABLE TV) AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION OR CONSTRUCTION. THE CONTRACTOR IS REQUIRED TO IDENTIFY AND PROTECT ALL OTHER UTILITY LINES FOUND IN THE WORK SITE AREA BELONGING TO OTHER OWNERS THAT ARE NOT MEMBERS OF "MISS UTILITY". PRIVATE WATER, SEWER AND GAS LATERALS WILL NOT BE MARKED BY MISS UTILITY OR THE COUNTY. THE CONTRACTOR SHALL LOCATE AND PROTECT THESE SERVICES DURING CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LAYING OUT THE WORK AND SHALL RETAIN A PROFESSIONAL LAND SURVEYOR LICENSED IN THE COMMONWEALTH OF VIRGINIA TO PROVIDE ALL NECESSARY CONSTRUCTION LAYOUTS AND ESTABLISH ALL CONTROL LINES, GRADES, AND ELEVATION DURING CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT A COPY OF ALL CUT SHEETS FOR REVIEW, PER THE SPECIFICATIONS. THE COST OF ALL NECESSARY SURVEYING SERVICES SHALL BE CONSIDERED INCIDENTAL TO THE WORK AND, UNLESS OTHERWISE SPECIFIED, THE COST SHALL BE INCORPORATED INTO THE COSTS FOR RELEVANT ITEMS.
- THE LOCATION OF ALL EXISTING UTILITIES SHOWN ON THESE PLANS ARE FROM BEST AVAILABLE RECORDS AND SHALL BE CONSIDERED TO BE APPROXIMATE. WHEN CONSTRUCTION ACTIVITY REACHES IN PROXIMITY TO EXISTING UTILITIES, THE TRENCH(ES) SHALL BE OPENED A SUFFICIENT DISTANCE AHEAD OF THE WORK OR TEST PITS SHALL BE MADE TO VERIFY THE EXACT LOCATION AND INVERTS OF THE UTILITY TO ALLOW FOR POSSIBLE CHANGES IN THE LINE OR GRADE AS DIRECTED BY OFFICER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING UTILITIES AND THE RELATED STRUCTURES. ALL EXISTING UTILITY SYSTEMS SHALL BE PROTECTED TO PREVENT DAMAGE DURING THE CONTRACTOR'S OPERATIONS. ANY SYSTEM DAMAGED SHALL BE PROMPTLY REPAIRED AT NO COST TO THE OWNER.
- EXISTING MANHOLE FRAMES, COVERS, VALVE BOXES, AND OTHER APPURTENANCES SHALL BE ADJUSTED TO THE FINAL GRADE OR REPLACED, AS NECESSARY. UNLESS OTHERWISE SPECIFIED, THE COST FOR THIS SHALL BE CONSIDERED INCIDENTAL TO THE WORK, AND SHALL BE INCORPORATED INTO THE COSTS FOR RELEVANT ITEMS.
- THE CONTRACTOR SHALL PROVIDE ADA COMPLIANT ACCESS THROUGH OR AROUND THE SITE AT ALL TIMES AND SHALL ENSURE THE SAFETY OF ALL THOSE PASSING THROUGH OR ADJACENT TO THE SITE.
- ALL SIDEWALK AND CURB AND GUTTER DEMOLITION SHALL BEGIN AND END AT THE CONSTRUCTION JOINT NEAREST TO THE DEPICTED DEMOLITION EXTENTS WITH A NEAT SAWCUT LINE TO FULL DEPTH OF PAVEMENT SECTION.

STORMWATER AND ENVIRONMENTAL PROTECTION

- THE CONTRACTOR SHALL CONFINE ALL ACTIVITIES AT THE SITE ASSOCIATED WITH CONSTRUCTION ACTIVITIES, TO INCLUDE STORAGE OF EQUIPMENT AND OR MATERIALS, ACCESS TO THE WORK, FORMWORK, ETC. TO WITHIN THE DESIGNATED LIMITS OF DISTURBANCE (LOD).

TREE PROTECTION

- TREES SHALL BE PROTECTED PER THE REQUIREMENTS OF ARLINGTON PARKS & RECREATION STANDARD.

TRAFFIC CONTROL

- CONTRACTOR SHALL NOTIFY THE PROJECT OFFICER AT LEAST 3 WORKING DAYS PRIOR TO DISTURBING ANY EXISTING, OR INSTALLING ANY NEW, TRAFFIC SIGNS, SIGNALS, OR OTHER TRAFFIC CONTROL DEVICES.
- THE CONTRACTOR SHALL PREMARK THE LAYOUT OF ANY PERMANENT TRAFFIC CONTROL STRIPING, INDICATING THE PROPOSED LOCATION AND TYPE OF MARKING TO BE INSTALLED. THE PREMARKING MAY CONSIST OF TYPE D TAPE, CHALK, OR LUMBER CRAYONS. THE CONTRACTOR SHALL ALLOW 3 WORKING DAYS FOR THE INSPECTION AND APPROVAL OF THE PREMARKINGS PRIOR TO PLACING THE PERMANENT MARKINGS.
- THE CONTRACTOR SHALL SUBMIT ANY REQUESTS FOR TEMPORARY "NO PARKING" RESTRICTIONS TO THE PROJECT OFFICER AT LEAST 3 WORKING DAYS PRIOR TO THE DESIRED ONSET OF RESTRICTIONS. PRIOR TO A REQUEST FOR THE REMOVAL OF ACCESS TO ANY ADA PARKING SPACE THE CONTRACTOR MUST HAVE MADE PROVISION FOR ALTERNATIVE ADA PARKING AS INDICATED ON THE APPROVED PLAN OR AS DIRECTED BY THE PROJECT OFFICER.
- WHEN THE APPROVED PLAN CALLS FOR THE REMOVAL OF ANY PARKING METER THE CONTRACTOR MUST MAKE A REQUEST TO THE PROJECT OFFICER AT LEAST ONE WEEK IN ADVANCE OF THE DESIRED REMOVAL. THE PROJECT OFFICER WILL THEN COORDINATE THE PARKING METER REMOVAL WITH TRAFFIC ENGINEERING AND OPERATIONS.
- THE CONTRACTOR SHALL PRESERVE ALL BUS STOPS, INCLUDING MAINTAINING ADEQUATE ACCESSIBILITY THROUGH AND ADJACENT TO THE CONSTRUCTION FOR BUSES AND THEIR PASSENGERS. THE CONTRACTOR SHALL NOT CLOSE, RELOCATE, OR OTHERWISE MODIFY A BUS STOP WITHOUT PRIOR REQUEST OF THE PROJECT OFFICER. ANY RELOCATION OR CLOSURE OF A BUS STOP SHALL REQUIRE AT LEAST FOUR WEEKS ADVANCE NOTICE FOR COORDINATION WITH THE COUNTY'S BUS STOP COORDINATOR - 703-228-3049.
- WHEN CONDITIONS WARRANT DUE TO TRAFFIC VOLUMES, PATTERNS, OR SPECIAL EVENTS, THE COUNTY MAY SUSPEND OR OTHERWISE DIRECT THE CONTRACTOR'S ACTIVITIES TO PROTECT THE PUBLIC AND OR THE COUNTY'S TRANSPORTATION NETWORK.

WATER DISTRIBUTION, STORM AND SANITARY SEWER SYSTEMS

- UNLESS OTHERWISE DIRECTED, CONTRACTORS ARE EXPRESSLY PROHIBITED FROM OPERATING ANY WATER VALVES OR APPURTENANCES. CONTRACTORS SHALL SUBMIT ALL REQUESTS FOR VALVE OPERATIONS TO THE PROJECT OFFICER AT LEAST 1 WEEK IN ADVANCE OF THE REQUIRED OPERATION.
- IN THE EVENT OF A WATER OR SEWER EMERGENCY, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE COUNTY'S WATER CONTROL CENTER AT 703-228-6555 AND THE PROJECT OFFICER.
- THE CONTRACTOR SHALL COORDINATE ALL UTILITY SHUTOFFS, DISCONNECTS, AND/OR ABANDONMENT WITH UTILITY OWNER AND PROJECT OFFICER AT LEAST 1 WEEK IN ADVANCE OF THE REQUIRED INTERRUPTION.

FIRE DEPARTMENT NOTES:

- ALL EXISTING FIRE HYDRANTS AND FIRE DEPARTMENT CONNECTIONS SHALL BE MAINTAINED UNOBSTRUCTED AND ACCESSIBLE AT ALL TIMES IN ACCORDANCE WITH SECTIONS 508.5.4 AND 508.5.5 OF THE ARLINGTON COUNTY FIRE PREVENTION CODE.
- ACCESS TO BUILDINGS FOR FIREFIGHTING SHALL BE MAINTAINED AT ALL TIMES. EXISTING FIRE APPARATUS ACCESS ROADS (FIRE LANES) SHALL BE KEPT CLEAR OF OBSTRUCTIONS IN ACCORDANCE WITH SECTION 503.4 OF THE ARLINGTON COUNTY FIRE PREVENTION CODE. ACCESS TO CONSTRUCTION SITES SHALL BE PROVIDED AND MAINTAINED IN ACCORDANCE WITH SECTION 1410 OF THE ARLINGTON COUNTY FIRE PREVENTION CODE.
- IN THE EVENT THAT EXISTING FIRE DEPARTMENT CONNECTIONS OR FIRE APPARATUS ACCESS ROADS (FIRE LANES) MUST BE OBSTRUCTED TO FACILITATE CONSTRUCTION ACTIVITIES, CONTACT THE ARLINGTON COUNTY FIRE DEPARTMENT FIRE PREVENTION OFFICE AT 703-228-4644 TO COORDINATE REVIEW AND APPROVAL OF TEMPORARY FIRE DEPARTMENT CONNECTIONS AND/OR FIRE APPARATUS ACCESS ROADS PRIOR TO CREATING THE OBSTRUCTION.

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2	LEGEND SHEET
3	DETAIL SHEET
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5	TYPICAL SECTIONS_WAKEFIELD
6	EXISTING CONDITIONS_PLAN_EDISON
7	EXISTING CONDITIONS_PLAN_WAKEFIELD
8	DEMOLITION_PLAN_EDISON
9	DEMOLITION_PLAN_WAKEFIELD
10	GEOMETRIC CONTROL_PLAN_EDISON
11	GEOMETRIC CONTROL_PLAN_WAKEFIELD
12	EROSION AND SEDIMENT CONTROL NOTES 1
13	EROSION AND SEDIMENT CONTROL NOTES 2
14	EROSION AND SEDIMENT CONTROL DETAILS
15	EROSION AND SEDIMENT CONTROL_PLAN_PHASE I_EDISON
16	EROSION AND SEDIMENT CONTROL_PLAN_PHASE II_EDISON
17	EROSION AND SEDIMENT CONTROL_PLAN_PHASE I_WAKEFIELD
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18A	VRRM SPREADSHEET
19	STORMWATER POLLUTION PREVENTION PLAN
20	PLAN_PROFILE_EDISON
21	PLAN_PROFILE_WAKEFIELD
22	RAMP DETAILS EDISON CR1 CR2
22A	RAMP DETAIL EDISON CR3
22B	RAMP DETAIL EDISON CR4
23	RAMP DETAILS EDISON CR5 CR6
24	RAMP DETAILS WAKEFIELD CR1
25	RAMP DETAILS WAKEFIELD CR2
26	WATERMAIN-EDISON
27	SIGNAGE_AND_STRIPING_EDISON
28	SIGNAGE_AND_STRIPING_WAKEFIELD
29	MOT N EDISON STREET
30	MOT N WAKEFIELD STREET
31	MAINTENANCE OF TRAFFIC NOTES
32	MAINTENANCE OF TRAFFIC DETAILS I
33	MAINTENANCE OF TRAFFIC DETAILS II

SWM# 19-0167
LDA# 19188

ADT

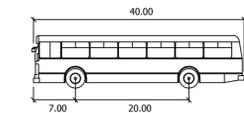
10,000 VPD - N CARLIN SPRINGS ROAD (FROM N GEORGE MASON DRIVE TO N GLEBE ROAD) - 2017 - VDOT
18,000 VPD - N CARLIN SPRINGS ROAD (FROM ARLINGTON BLVD TO N GEORGE MASON DRIVE) - 2017 - VDOT

STREET CLASSIFICATION

MINOR ARTERIAL - N CARLIN SPRINGS ROAD / N WAKEFIELD STREET NEIGHBORHOOD MINOR - N WAKEFIELD STREET
OTHER PRINCIPAL ARTERIAL - N CARLIN SPRINGS ROAD / N EDISON STREET NEIGHBORHOOD MINOR - N EDISON STREET

POSTED SPEED

30 MPH - N CARLIN SPRINGS ROAD 25 MPH - N WAKEFIELD STREET
25 MPH - N EDISON STREET



S-BUS-40	
feet	
Width	: 8.00
Track	: 8.00
Lock to Lock Time	: 6.0
Steering Angle	: 34.4



DEPARTMENT OF
ENVIRONMENTAL SERVICES
FACILITIES & ENGINEERING DIVISION
ENGINEERING BUREAU
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SEAL



APPROVALS	DATE
<i>Matthew...</i>	12.10.2019
QUALITY CONTROL ENGINEER	
<i>...</i>	12/10/19
CONSTRUCTION MANAGEMENT SUPERVISOR	
<i>...</i>	12/11/19
WATER, SEWER, STREETS BUREAU CHIEF	
<i>...</i>	12/11/19
TRANSPORTATION DIRECTOR	
<i>...</i>	12/10/19
PROJECT MANAGER	

REVISIONS	DATE
REVISION1	RDATE1
REVISION2	RDATE2
REVISION3	RDATE3
REVISION4	RDATE4
REVISION5	RDATE5
REVISION6	RDATE6

N. CARLIN SPRINGS ROAD
DC14
AT N EDISON STREET AND AT N WAKEFIELD STREET
COVER SHEET

DESIGNED: J. ROJAS
DRAWN: J. ROJAS
CHECKED: P. RIGBY
MISS UTILITY TRANSMITTAL #: 5362-D

PLOTTED: DECEMBER 18 2019

SCALE: AS NOTED

LINETYPE LEGEND

FEATURE	EXISTING	PROPOSED
BUILDING	— — — — —	— — — — —
CENTERLINE / BASELINE	— — — — —	— — — — —
COMMUNICATIONS CABLE	— COM — COM —	— COM — COM —
CONTOURS MAJOR; MINOR	— 250 — 250 —	— 250 — 250 —
CRITICAL ROOT ZONE	— CRZ — CRZ —	— CRZ — CRZ —
EASEMENT	— — — — —	— — — — —
ELECTRIC (UNDERGROUND)	— UGE — UGE —	— UGE — UGE —
FENCE (MATERIAL NOTED)	— X — X — X — X — X —	— X — X — X — X — X —
FIBER OPTIC	— FO — FO —	— FO — FO —
GAS LINE	— GAS — GAS —	— GAS — GAS —
X" GAS LINE (SIZE INCLUDED IF AVAILABLE)	— X" G — X" G —	— X" G — X" G —
GUARDRAIL	— — — — —	— — — — —
HARDSCAPE FEATURE (MATERIAL NOTED)	— — — — —	— — — — —
LIMITS OF DISTURBANCE	— LOD — LOD —	— LOD — LOD —
LIMITS OF WORK	— LOW — LOW —	— LOW — LOW —
OVERHEAD WIRES	— — — — —	— — — — —
PAVEMENT MINI SKIP LINE	— — — — —	— — — — —
PAVEMENT SKIP LINE	— — — — —	— — — — —
PROPERTY LINE	— — — — —	— — — — —
RIGHT-OF-WAY LINE	— — — — —	— — — — —
ROOT PRUNING	— RP — RP —	— RP — RP —
SANITARY SEWER	— SAN — SAN —	— SAN — SAN —
X" SANITARY SEWER (SIZE INCLUDED IF AVAILABLE)	— X" S — X" S —	— X" S — X" S —
SILT FENCE	— SF — SF —	— SF — SF —
STORM (SIZE NOTED)	— STM — STM —	— — — — —
STREAM	— — — — —	— — — — —
STREET LIGHT CONDUIT	— SL — SL —	— SL — SL —
TELEPHONE (UNDERGROUND)	— UGT — UGT —	— UGT — UGT —
TREE LINE	— — — — —	— — — — —
TREE PROTECTION FENCE	— TP — TP —	— TP — TP —
WALL	— — — — —	— — — — —
WATER	— W — W —	— W — W —
X" WATER (SIZE INCLUDED IF AVAILABLE)	— X" W — X" W —	— X" W — X" W —

SYMBOL LEGEND

EXISTING FEATURE	PROPOSED FEATURE
EX CABLE PEDESTAL	EX CABLE PEDESTAL
EX ELECTRIC BOX	EX ELECTRIC BOX
EX FIRE HYDRANT	PROP FIRE HYDRANT
EX GAS VALVE	PROP GAS VALVE
EX GROUND LIGHT	EX GROUND LIGHT
EX GUY WIRES	EX GUY WIRES
EX IRON PIPE OR PIN	EX IRON PIPE OR PIN
EX LIGHT POLE	PROP LIGHT POLE
EX MAILBOX	EX MAILBOX
EX MONUMENT	EX MONUMENT
EX PARKING METER	EX PARKING METER
EX PAY STATION	PROP PAY STATION
EX SANITARY MANHOLE	PROP SANITARY MANHOLE
EX STORM BASIN	PROP STORM CATCH BASIN (TO SCALE)
EX STORM MANHOLE	PROP STORM MANHOLE
EX TELEPHONE PEDESTAL	EX TELEPHONE PEDESTAL
EX TRAFFIC CONTROL BOX	EX TRAFFIC CONTROL BOX
EX TRAFFIC SIGN	PROP TRAFFIC SIGN
EX TRASH CAN	PROP TRASH CAN
EX TRAVERSE	EX TRAVERSE
EX TREES, WOODED AREA	PROPOSED TREE REMOVAL
EX UTILITY MANHOLE (TYPE INDICATED ELECTRIC, TELE, ETC)	EX UTILITY MANHOLE
EX UTILITY POLE	PROP UTILITY POLE
EX WATER MANHOLE	PROP WATER MANHOLE
EX WATER METER	PROP WATER METER
EX WATER VALVE	PROP WATER VALVE
EX YARD INLET	PROP YARD INLET (TO SCALE)
EX BENCHMARK	EX BENCHMARK
	CONSTRUCTION NOTES (LEADER TO AREA AFFECTED)
	CURVE NUMBER (SEE CURVE TABLE)
	LINE NUMBER (SEE LINE TABLE)
	TEST HOLE
	NORTH ARROW

LABEL LEGEND

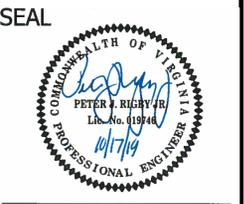
EXISTING	PROPOSED
EX SAN STRUC NO. EXISTING SANITARY STRUCTURE NUMBER	PROP SAN SEW STRUC NO. PROPOSED SANITARY SEWER STRUCTURE NUMBER
EX STRM SEW STRUC NO. EXISTING STORM SEWER STRUCTURE NUMBER	PROP STRM SEW STRUC NO. PROPOSED STORM SEWER STRUCTURE NUMBER

HATCH LEGEND

PROP MILL & OVERLAY SEE TYPICAL SECTION FOR DETAILS
PROP FULL DEPTH ASPHALT SEE TYPICAL SECTION FOR DETAILS
PROP CONCRETE
REPLACE & MATCH EXISTING DRIVEWAY OR LEADWALK. SEE CONSTRUCTION NOTES
DEMOLITION AREA
GRASS AREA
PROP RETAINING WALL



DEPARTMENT OF ENVIRONMENTAL SERVICES
 FACILITIES & ENGINEERING DIVISION
 ENGINEERING BUREAU
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 ARLINGTON, VA 22201
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 FAX: 703.228.3606
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APPROVALS	DATE
<i>[Signature]</i>	12.10.2019
QUALITY CONTROL ENGINEER	
<i>[Signature]</i>	12/10/19
CONSTRUCTION MANAGEMENT SUPERVISOR	
<i>[Signature]</i>	12/10/19
WATER, SEWER, STREETS BUREAU CHIEF	
<i>[Signature]</i>	12/10/19
TRANSPORTATION DIRECTOR	
<i>[Signature]</i>	12/10/19
PROJECT MANAGER	

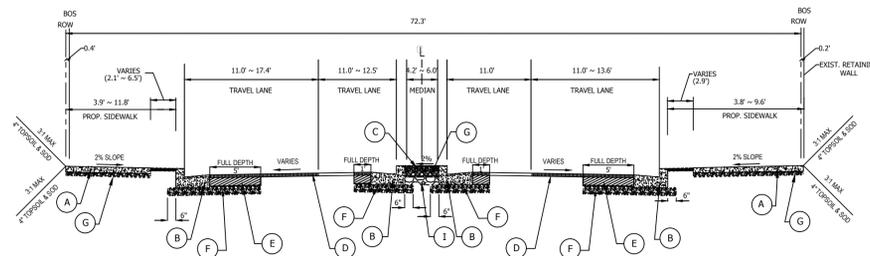
REVISIONS	DATE

N. CARLIN SPRINGS ROAD
 DC14
 AT N EDISON STREET AND AT N WAKEFIELD STREET
 LEGEND SHEET

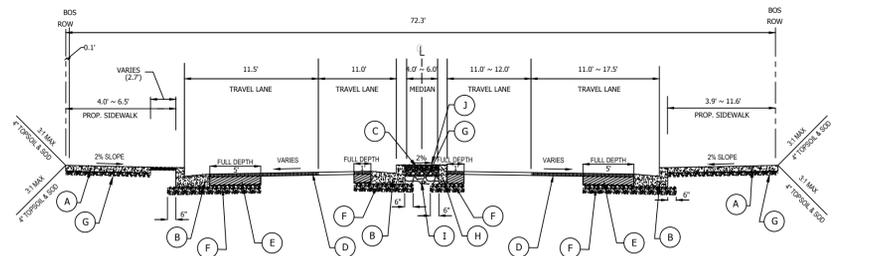
DESIGNED: J. ROJAS
 DRAWN: J. ROJAS
 CHECKED: P. RIGBY
 MISS UTILITY TRANSMITTAL #: 5362-D

PLOTTED: DECEMBER 18 2019
 SCALE: AS NOTED

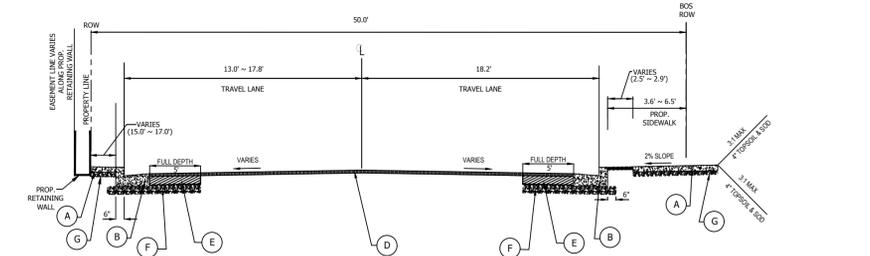
REVISION ON 05/23/2018
 FILENAME: DC14-210-TYPICAL_SECTIONS-EDISON.DWG PATH: Q:\DATA\DC14\DESIGN\CAD\90_100_PCT_ARCHIVE_PLOTTED_BY: JROJAS



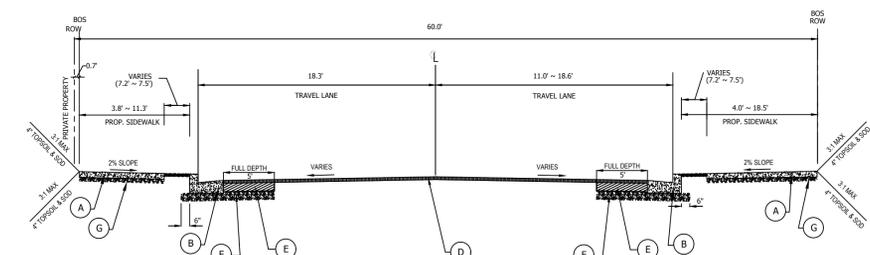
N CARLIN SPRINGS ROAD - WEST SIDE
 BASELINE: SURVEY N CARLIN SPRINGS ROAD
 CENTERLINE STA 28+78.91 TO STA 29+85.35
 N.T.S.



N CARLIN SPRINGS ROAD - EAST SIDE
 BASELINE: SURVEY N CARLIN SPRINGS ROAD
 CENTERLINE STA 28+78.91 TO STA 27+71.65
 N.T.S.



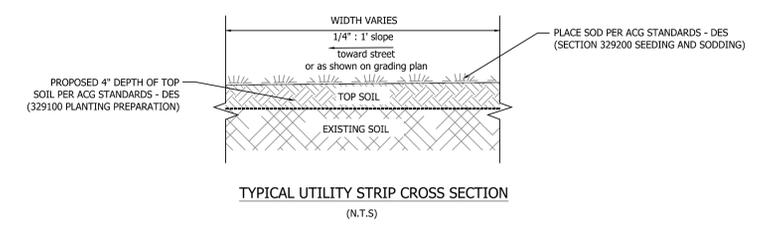
N EDISON STREET - NORTH SIDE
 BASELINE: SURVEY N EDISON CENTERLINE
 STA 0+00.00 TO STA 0+64.24
 N.T.S.



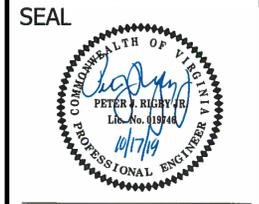
N EDISON STREET - SOUTH SIDE
 BASELINE: SURVEY N EDISON CENTERLINE
 STA 0+96.91 TO STA 0+00.00
 N.T.S.

LEGEND

- (A) PROP 4" CONC. SDWK. CLASS A3 PER ARL. CO. STD. R-2.0
- (B) PROP CURB AND GUTTER PER ARL. CO. STD. R-2.0 (C-2)
- (C) PROP. 4" TOPSOIL AND SOD PER ACG STANDARDS - DES 329100 & 329200
- (D) PROP. 2" ASPHALT CONCRETE SURFACE COURSE TYPE SM-9.5D PER VDOT SPEC. 211
- (E) PROP. 5" ASPHALT CONCRETE BASE COURSE TYPE BM-25.0A PER VDOT SPEC. 211
- (F) PROP. 6" AGGREGATE BASE MATERIAL, MIN. CBR-30, TYPE 1, SIZE 21-A PER ARL. CO. STD. R-1.4
- (G) PROP. 3" AGGREGATE BASE MATERIAL, MIN. CBR-30, TYPE 1, SIZE 21-A PER ARL. CO. STD R-2.0
- (H) PROP STANDARD HEADER CURB PER ARL. CO. STD. R-2.0 (C-3)
- (I) PROP. 4" SELECT BORROW
- (J) PROP. CROSSWALK THROUGH MEDIAN



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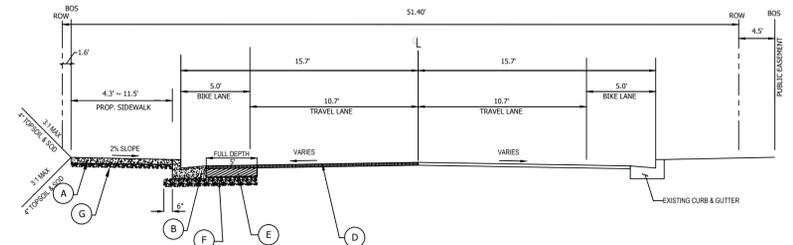
APPROVALS	DATE
<i>Matthew B...</i>	12.10.2019
QUALITY CONTROL ENGINEER	
<i>...</i>	12/10/19
CONSTRUCTION MANAGEMENT SUPERVISOR	
<i>...</i>	12/10/19
WATER, SEWER, STREETS BUREAU CHIEF	
<i>...</i>	12/10/19
TRANSPORTATION DIRECTOR	
<i>...</i>	12/10/19
PROJECT MANAGER	

REVISIONS	DATE

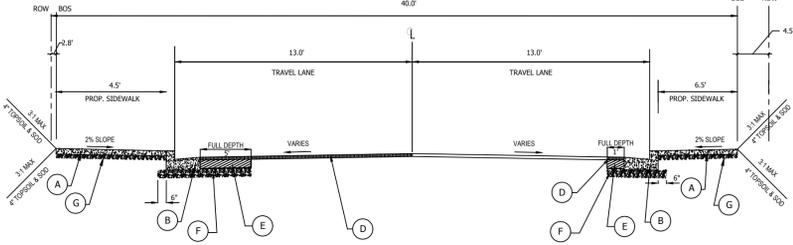
N. CARLIN SPRINGS ROAD
 DC14
 AT N EDISON STREET AND AT N WAKEFIELD STREET
 TYPICAL SECTIONS_EDISON

DESIGNED: J. ROJAS
 DRAWN: J. ROJAS
 CHECKED: P. RIGBY
 MISS UTILITY TRANSMITTAL #: 5362-D

PLOTTED: DECEMBER 18 2019
 SCALE: NTS



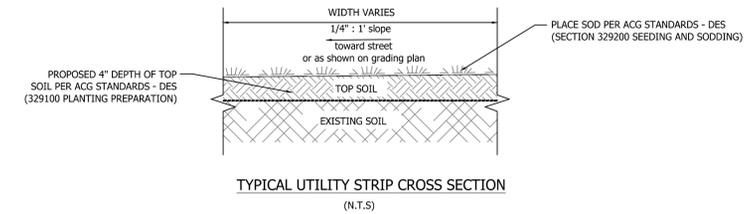
N CARLIN SPRINGS ROAD - NORTH SIDE
 BASELINE: SURVEY N CARLIN SPRINGS ROAD CENTERLINE
 STA 20+21.29 TO STA 20+99.19
 N.T.S.



N WAKEFIELD STREET - NORTH SIDE
 BASELINE: SURVEY N WAKEFIELD CENTERLINE
 STA 0+00.00 TO STA 0+38.37
 N.T.S.

LEGEND

- (A) PROP 4" CONC. SOWK. CLASS A3 PER ARL. CO. STD. R-2.0
- (B) PROP CURB AND GUTTER PER ARL. CO. STD. R-2.0 (C-2)
- (C) PROP. 4" TOPSOIL AND SOD PER ACG STANDARDS - DES 329100 & 329200
- (D) PROP. 2" ASPHALT CONCRETE SURFACE COURSE TYPE SM-9.5D PER VDOT SPEC. 211
- (E) PROP. 5" ASPHALT CONCRETE BASE COURSE TYPE BM-25.0A PER VDOT SPEC. 211
- (F) PROP. 6" AGGREGATE BASE MATERIAL, MIN. CBR-30, TYPE 1, SIZE 21-A PER ARL. CO. STD. R-1.4
- (G) PROP. 3" AGGREGATE BASE MATERIAL, MIN. CBR-30, TYPE 1, SIZE 21-A PER ARL. CO. STD. R-2.0



DEPARTMENT OF ENVIRONMENTAL SERVICES
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APPROVALS	DATE
<i>Michael Barrett</i>	12.10.2019
QUALITY CONTROL ENGINEER	
<i>Gregory Smith</i>	12/10/19
CONSTRUCTION MANAGEMENT SUPERVISOR	
<i>David Lee</i>	12/17/19
WATER, SEWER, STREETS BUREAU CHIEF	
<i>John P. ...</i>	12/17/19
TRANSPORTATION DIRECTOR	
<i>John P. ...</i>	12/19/19
PROJECT MANAGER	

REVISIONS	DATE

N. CARLIN SPRINGS ROAD
 DC14
 AT N EDISON STREET AND AT N WAKEFIELD STREET
 TYPICAL SECTIONS_WAKEFIELD

DESIGNED: J. ROJAS
 DRAWN: J. ROJAS
 CHECKED: P. RIGBY
 MISS UTILITY TRANSMITTAL #: 5362-D

PLOTTED: DECEMBER 18 2019

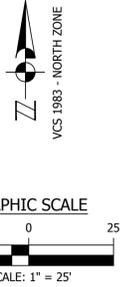
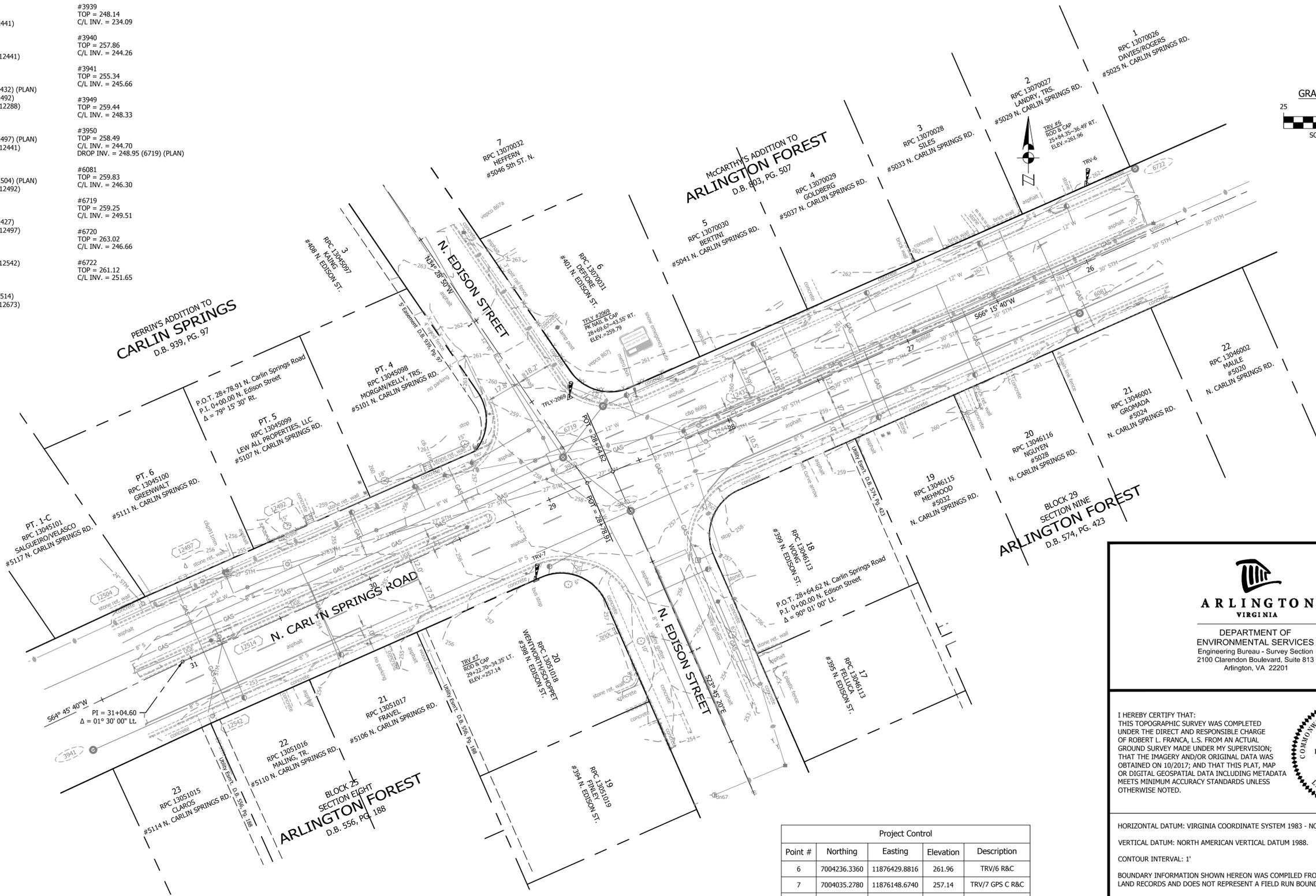
SCALE: NTS

STORM SEWER TABULATION

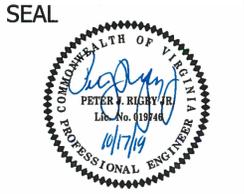
#12288
TOP = 257.28
30" RCP INV. IN = 244.96 (12441)
#12432
TOP = 259.68
15" RCP INV. OUT = 255.80 (12441)
#12441
TOP = 258.76
15" RCP INV. IN = 255.00 (12432) (PLAN)
27" RCP INV. IN = 247.92 (12492)
27" RCP INV. OUT = 247.89 (12288)
#12492
TOP = 254.53
27" RCP INV. IN = 249.83 (12497) (PLAN)
27" RCP INV. OUT = 249.79 (12441)
#12497
TOP = 254.33
24" RCP INV. IN = 250.21 (12504) (PLAN)
27" RCP INV. OUT = 249.96 (12492)
#12504
TOP = 254.68
24" RCP INV. IN = 250.78 (12427)
24" RCP INV. OUT = 250.76 (12497)
#12514
TOP = 253.56
15" RCP INV. OUT = 249.86 (12542)
#12542
TOP = 253.18
15" RCP INV. IN = 248.41 (12514)
15" RCP INV. OUT = 248.01 (12673)

SANITARY SEWER TABULATION

#3939
TOP = 248.14
C/L INV. = 234.09
#3940
TOP = 257.86
C/L INV. = 244.26
#3941
TOP = 255.34
C/L INV. = 245.66
#3949
TOP = 259.44
C/L INV. = 248.33
#3950
TOP = 258.49
C/L INV. = 244.70
DROP INV. = 248.95 (6719) (PLAN)
#6081
TOP = 259.83
C/L INV. = 246.30
#6719
TOP = 259.25
C/L INV. = 249.51
#6720
TOP = 263.02
C/L INV. = 246.66
#6722
TOP = 261.12
C/L INV. = 251.65



DEPARTMENT OF ENVIRONMENTAL SERVICES
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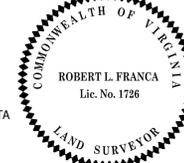
APPROVALS	DATE
<i>Michael Brant</i>	12.10.2019
QUALITY CONTROL ENGINEER	
<i>John Stahl</i>	12/10/19
CONSTRUCTION MANAGEMENT SUPERVISOR	
<i>Michael Brant</i>	12/10/19
WATER, SEWER, STREETS BUREAU CHIEF	
<i>John Stahl</i>	12/10/19
TRANSPORTATION DIRECTOR	
<i>John Stahl</i>	12/10/19
PROJECT MANAGER	

REVISIONS	DATE



DEPARTMENT OF ENVIRONMENTAL SERVICES
 Engineering Bureau - Survey Section
 2100 Clarendon Boulevard, Suite 813
 Arlington, VA 22201

I HEREBY CERTIFY THAT:
 THIS TOPOGRAPHIC SURVEY WAS COMPLETED UNDER THE DIRECT AND RESPONSIBLE CHARGE OF ROBERT L. FRANCA, L.S. FROM AN ACTUAL GROUND SURVEY MADE UNDER MY SUPERVISION; THAT THE IMAGERY AND/OR ORIGINAL DATA WAS OBTAINED ON 10/2017; AND THAT THIS PLAT, MAP OR DIGITAL GEOSPATIAL DATA INCLUDING METADATA MEETS MINIMUM ACCURACY STANDARDS UNLESS OTHERWISE NOTED.



HORIZONTAL DATUM: VIRGINIA COORDINATE SYSTEM 1983 - NORTH ZONE.
 VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM 1988.
 CONTOUR INTERVAL: 1'
 BOUNDARY INFORMATION SHOWN HEREON WAS COMPILED FROM EXISTING LAND RECORDS AND DOES NOT REPRESENT A FIELD RUN BOUNDARY SURVEY.
 PARTY CHIEF: OWENS PROJECT: 6756/DC14
 SURVEY PM: FRANCA

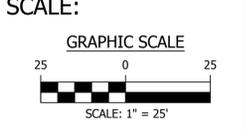
Project Control				
Point #	Northing	Easting	Elevation	Description
6	7004236.3360	11876429.8816	261.96	TRV/6 R&C
7	7004035.2780	11876148.6740	257.14	TRV/7 GPS C R&C
8	7003963.4760	11875807.2840	261.66	TRV/8 GPS D R&C
2069	7004127.9381	11876165.8573	259.79	TFLY2069 PK/CAP

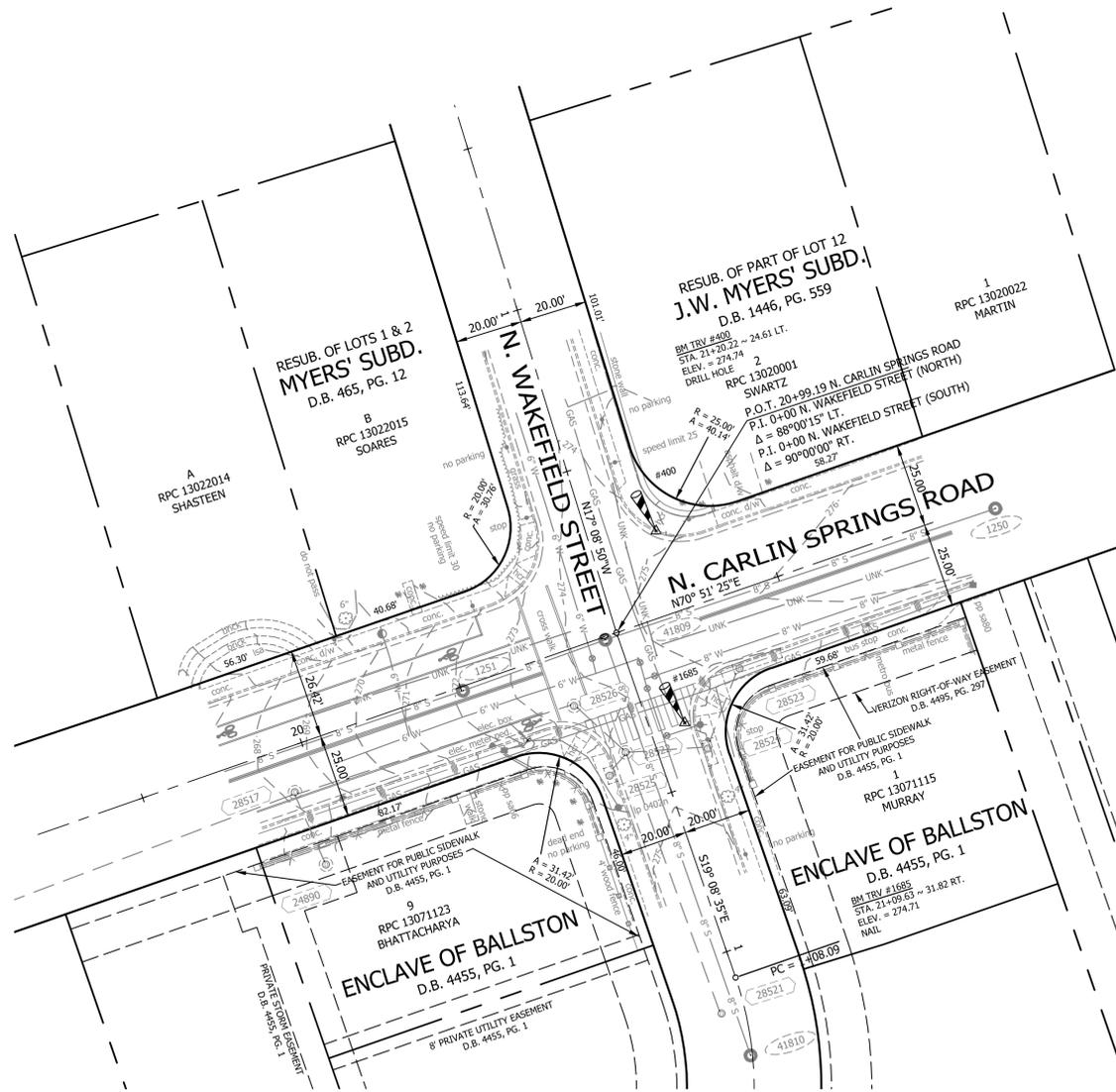
- NOTES:
- UNDERGROUND UTILITIES WERE DESIGNATED BY MID ATLANTIC UTILITY LOCATING ON 10/20/2017 AND LOCATED BY ARLINGTON COUNTY SURVEYORS ON 10/25/2017.
 - DIAMETER OF WATER LINES & SANITARY SEWER ARE SHOWN PER ARLINGTON COUNTY RECORDS.
 - ORIGINAL CONTROL COORDINATES ESTABLISHED BY RICE ASSOCIATES IN MARCH 2011 FOR PROJECT NABS.

TOPOGRAPHIC SURVEY
 INTERSECTION OF
N. EDISON STREET
 AND
N. CARLIN SPRINGS ROAD
 ARLINGTON COUNTY, VIRGINIA

N. CARLIN SPRINGS ROAD
 DC14
 AT N EDISON STREET AND AT N WAKEFIELD STREET
 EXISTING CONDITIONS PLAN_EDISON

DESIGNED: J. ROJAS
 DRAWN: J. ROJAS
 CHECKED: P. RIGBY
 MISS UTILITY TRANSMITTAL #: 5362-D
 PLOTTED: DECEMBER 18 2019



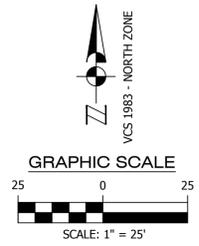


STORM DRAIN INVERTS

#24890	TOP = 268.74
12" RCP INV. OUT = 259.083 (28517)	
#28516	TOP = 258.22
15" RCP INV. IN = 253.17 (28517)	
15" RCP INV. OUT = 251.74 (11849)	
#28517	TOP = 268.22
12" RCP INV. IN = 258.51 (24890)	
15" RCP INV. IN = 258.47 (28526)	
15" RCP INV. OUT = 258.42 (28516)	
#28521	TOP = 275.71
15" RCP INV. OUT = 262.66 (28522)	
#28522	TOP = 274.42
15" RCP INV. IN = 261.32 (28524)	
15" RCP INV. IN = 269.82 (28525)	
15" RCP INV. IN = 261.12 (28521)	
15" RCP INV. OUT = 261.12 (28526)	
#28523	TOP = 275.49
15" RCP INV. OUT = 270.40 (28524)	
#28524	TOP = 274.99
15" RCP INV. IN = 269.09 (28523)	
15" RCP INV. OUT = 264.49 (28522)	
#28525	TOP = 274.70
15" RCP INV. OUT = 270.311 (28522)	
#28526	TOP = 273.45
15" RCP INV. IN = 260.29 (28522)	
15" RCP INV. OUT = 260.15 (28517)	

SANITARY SEWER INVERTS

#1250	TOP = 276.70
C/L INV. = NO ACCESS	
#1251	TOP = 272.13
C/L INV. = 264.13	
#1283	TOP = 248.95
C/L INV. = 227.10	
#41809	TOP = 274.43
C/L INV. = 264.33	
#41810	TOP = 275.67
C/L INV. = 267.50	



NOTE:

- UNDERGROUND UTILITIES WERE DESIGNATED BY MID-ATLANTIC UTILITY LOCATING, L.L.C. ON NOVEMBER 1, 2017 AND LOCATED BY ARLINGTON COUNTY SURVEYORS BETWEEN NOVEMBER 20, 2017.
- DIAMETER OF WATER LINES & SANITARY SEWER PIPES ARE SHOWN FROM ARLINGTON COUNTY RECORDS.

CONTROL DATA:

TRAVERSE 30, 32, 34 - 38 WERE TAKEN FROM DEWBERRY CONTROL FILE: Q:\Data\NABS\Survey\Drawings\5825 COGO.dwg

POINT #	NORTHING	EASTING	ELEV.	DESC.
301	7004890.4130	11876835.4480	248.91	NAIL
302	7005288.8923	11876746.6470	240.40	NAIL

POINT #	NORTHING	EASTING	ELEV.	DESC.
400	7005055.7027	11877261.6443	274.74	DRILL HOLE
1685	7004998.9174	11877270.1431	274.71	NAIL

ARLINGTON VIRGINIA

DEPARTMENT OF ENVIRONMENTAL SERVICES
Engineering Bureau - Survey Section
2100 Clarendon Boulevard, Suite 813
Arlington, VA 22201

I HEREBY CERTIFY THAT:
THIS TOPOGRAPHIC SURVEY WAS COMPLETED UNDER THE DIRECT AND RESPONSIBLE CHARGE OF ROBERT L. FRANCA, L.S. FROM A COMBINATION OF ARLINGTON COUNTY G.I.S. INFORMATION AND AN ACTUAL GROUND SURVEY MADE UNDER MY SUPERVISION; THAT THE IMAGERY AND/OR ORIGINAL DATA WAS OBTAINED FROM 11/2017 TO 05/2018; AND THAT THIS PLAN, MAP OR DIGITAL GEOSPATIAL DATA INCLUDING METADATA MEETS MINIMUM ACCURACY STANDARDS UNLESS OTHERWISE NOTED.

HORIZONTAL DATUM: VIRGINIA COORDINATE SYSTEM 1983 - NORTH ZONE.
VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM 1988.
BOUNDARY INFORMATION SHOWN HEREON WAS COMPILED FROM EXISTING LAND RECORDS AND DOES NOT REPRESENT A FIELD RUN BOUNDARY SURVEY.

PARTY CHIEF: OWENS
SURVEY PM: GOTTSSELIG

PROJECT:
6777/DC14

TOPOGRAPHIC SURVEY
N. CARLIN SPRINGS ROAD & N. WAKEFIELD STREET
ARLINGTON COUNTY, VIRGINIA

SHEET 1 OF 1

ARLINGTON VIRGINIA

DEPARTMENT OF ENVIRONMENTAL SERVICES
FACILITIES & ENGINEERING DIVISION
ENGINEERING BUREAU
2100 CLARENDON BOULEVARD, SUITE 813
ARLINGTON, VA 22201
PHONE: 703.228.3629
FAX: 703.228.3606

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SEAL

APPROVALS

APPROVALS	DATE
<i>Matthew...</i>	12.10.2019
QUALITY CONTROL ENGINEER	
<i>...</i>	12/10/19
CONSTRUCTION MANAGEMENT SUPERVISOR	
<i>...</i>	12/10/19
WATER SEWER, STREETS BUREAU CHIEF	
<i>...</i>	12/10/19
TRANSPORTATION DIRECTOR	
<i>...</i>	12/10/19
PROJECT MANAGER	

REVISIONS

REVISIONS	DATE

N. CARLIN SPRINGS ROAD DC14
AT N EDISON STREET AND AT N WAKEFIELD STREET
EXISTING CONDITIONS PLAN_WAKEFIELD

DESIGNED: J. ROJAS
DRAWN: J. ROJAS
CHECKED: P. RIGBY
MISS UTILITY TRANSMITTAL #: 5362-D

PLOTTED: DECEMBER 18 2019

SCALE:

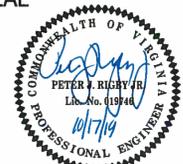
SHEET 7 OF 33



DEPARTMENT OF ENVIRONMENTAL SERVICES
 FACILITIES & ENGINEERING DIVISION
 ENGINEERING BUREAU
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 ARLINGTON, VA 22201
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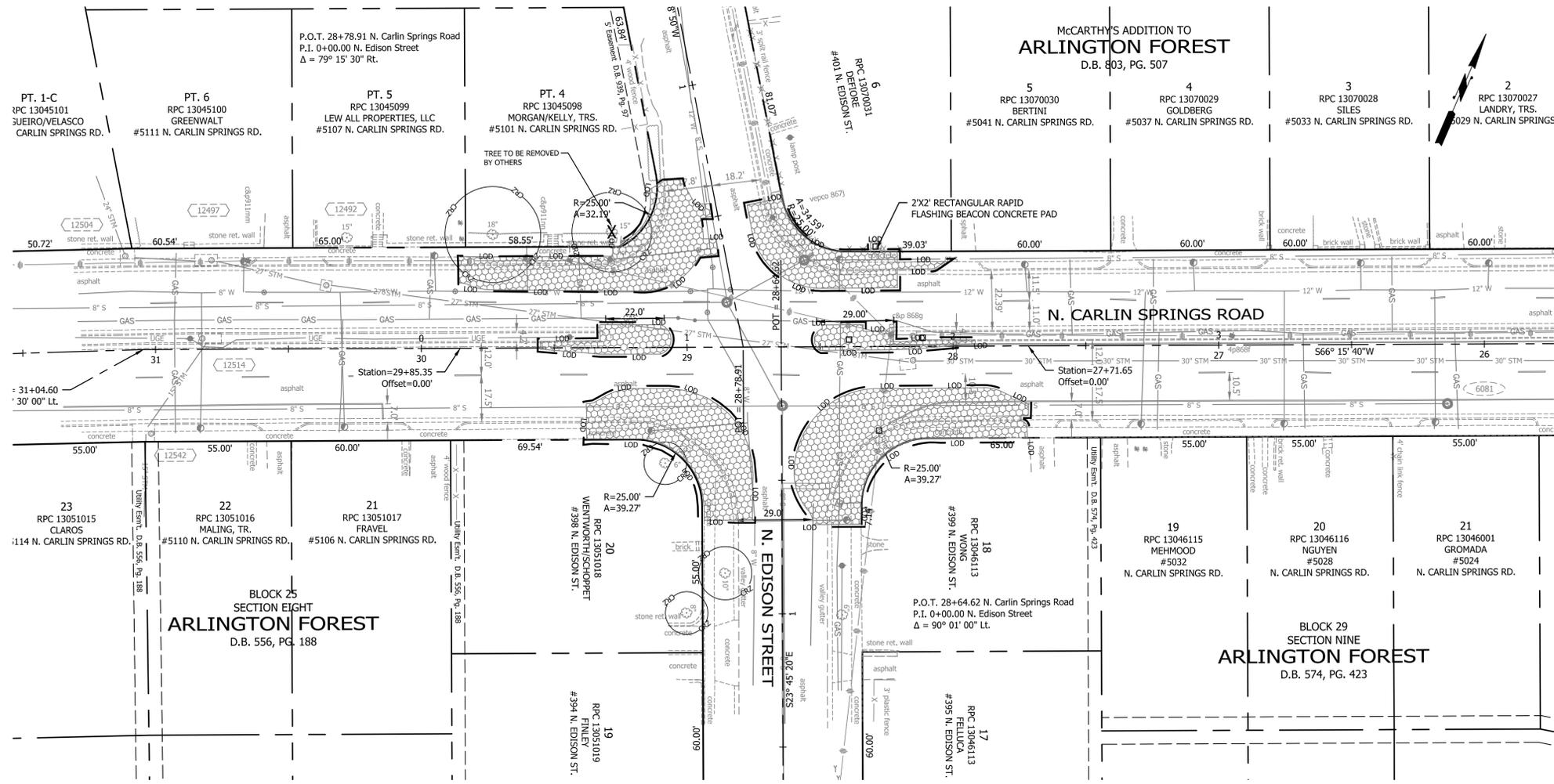
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SEAL



APPROVALS	DATE
<i>Matthew...</i>	12.10.2019
QUALITY CONTROL ENGINEER	
<i>...</i>	12/10/19
CONSTRUCTION MANAGEMENT SUPERVISOR	
<i>...</i>	12/10/19
WATER, SEWER, STREETS BUREAU CHIEF	
<i>...</i>	12/10/19
TRANSPORTATION DIRECTOR	
<i>...</i>	12/10/19
PROJECT MANAGER	

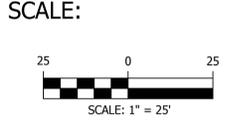
REVISIONS	DATE

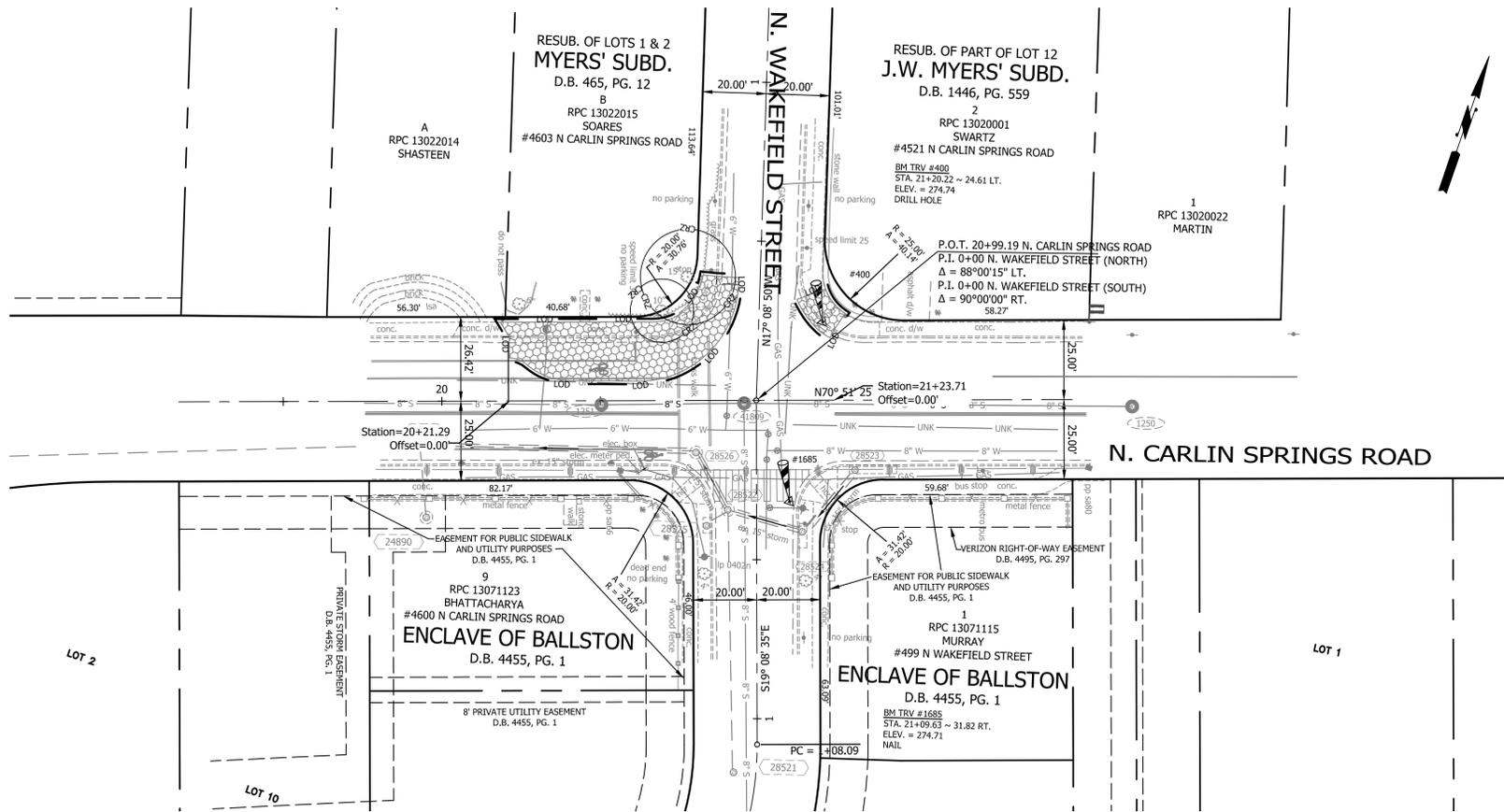


N. CARLIN SPRINGS ROAD
 DC14
 AT N EDISON STREET AND AT N WAKEFIELD STREET
DEMOLITION PLAN_EDISON

DESIGNED: J. ROJAS
 DRAWN: J. ROJAS
 CHECKED: P. RIGBY
 MISS UTILITY TRANSMITTAL #: 5362-D

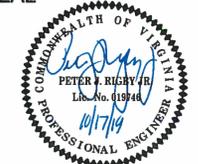
PLOTTED: DECEMBER 18 2019





DEPARTMENT OF ENVIRONMENTAL SERVICES
 FACILITIES & ENGINEERING DIVISION
 ENGINEERING BUREAU
 2100 CLARENDON BOULEVARD, SUITE 813
 ARLINGTON, VA 22201
 PHONE: 703.228.3629
 FAX: 703.228.3606
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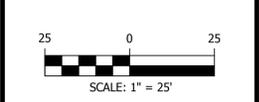
APPROVALS	DATE
<i>Michael Brantley</i>	12.10.2019
QUALITY CONTROL ENGINEER	
<i>John J. Swartz</i>	12/10/19
CONSTRUCTION MANAGEMENT SUPERVISOR	
<i>John J. Swartz</i>	12/1/19
WATER, SEWER, STREETS BUREAU CHIEF	
<i>John J. Swartz</i>	12/1/19
TRANSPORTATION DIRECTOR	
<i>John J. Swartz</i>	12/10/19
PROJECT MANAGER	

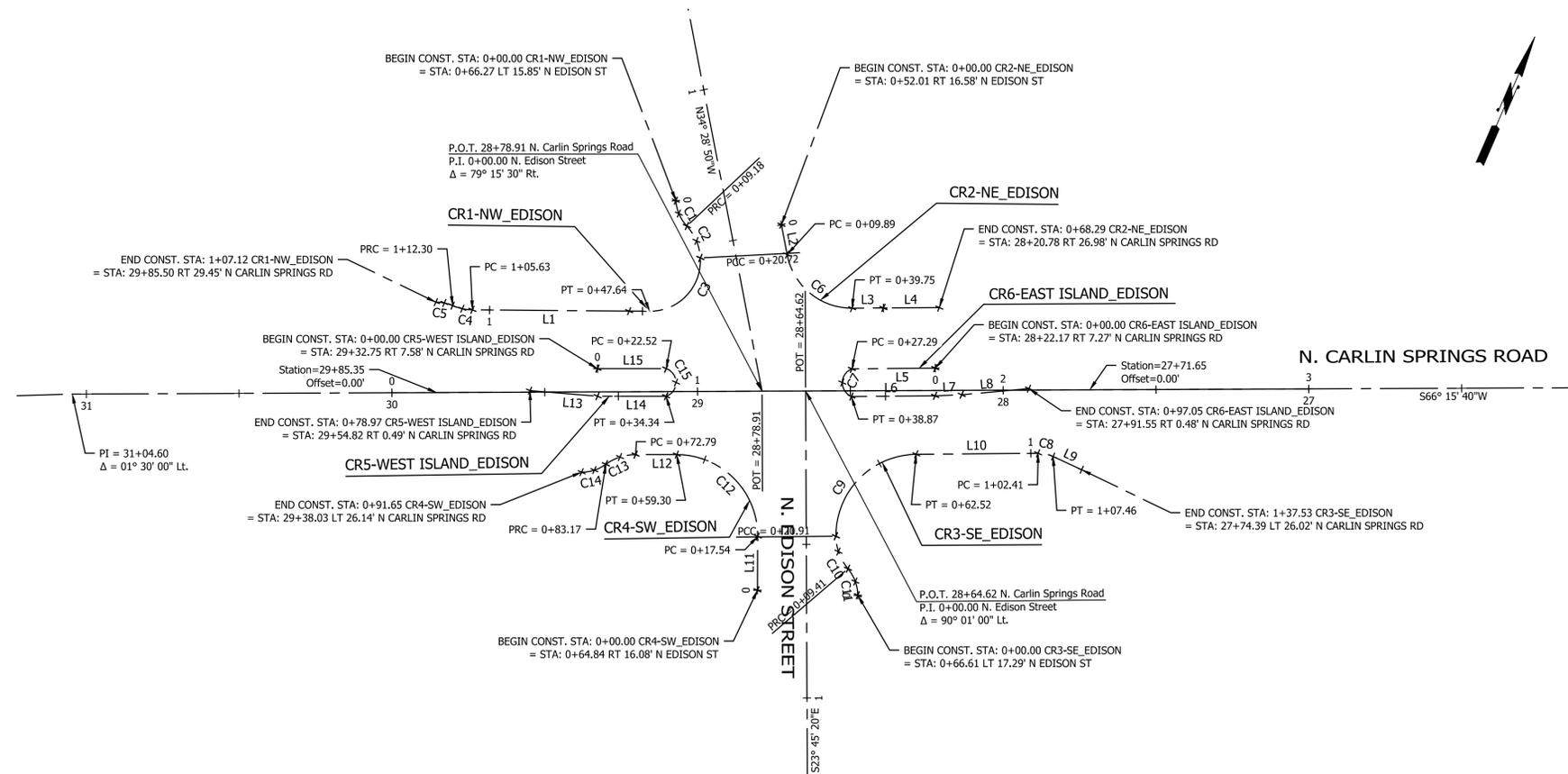
REVISIONS	DATE

N. CARLIN SPRINGS ROAD
 DC14
 AT N EDISON STREET AND AT N WAKEFIELD STREET
 DEMOLITION PLAN_WAKEFIELD

DESIGNED: J. ROJAS
 DRAWN: J. ROJAS
 CHECKED: P. RIGBY
 MISS UTILITY TRANSMITTAL #: 5362-D

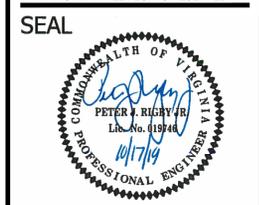
PLOTTED: DECEMBER 18 2019





Line Table						
Line #	Start Sta.	End Sta.	Bearing	Distance	Start (Northing, Easting)	End (Northing, Easting)
L1	0+47.64	1+05.63	S 66° 57' 52" W	58.00'	7004093.5520, 11876130.8370	7004070.8580, 11876077.4653
L2	0+00.00	0+09.89	S 34° 18' 21" E	9.89'	7004136.6118, 11876159.1526	7004128.4404, 11876164.7280
L3	0+39.75	0+50.01	N 66° 07' 21" E	10.26'	7004120.8982, 11876191.1907	7004125.0512, 11876200.5723
L4	0+50.01	0+68.29	N 66° 07' 21" E	18.28'	7004125.0512, 11876200.5723	7004132.4501, 11876217.2867
L5	0+00.00	0+27.29	S 66° 01' 55" W	27.29'	7004113.8459, 11876223.9494	7004102.7596, 11876199.0117
L6	0+38.87	0+66.24	N 66° 01' 26" E	27.38'	7004094.4306, 11876202.4700	7004105.5551, 11876227.4842
L7	0+66.24	0+74.95	N 64° 19' 39" E	8.71'	7004105.5551, 11876227.4842	7004109.3283, 11876235.3340
L8	0+74.95	0+97.05	N 61° 14' 49" E	22.10'	7004109.3283, 11876235.3340	7004119.9605, 11876254.7115
L9	1+07.46	1+17.77	S 88° 49' 06" E	10.31'	7004102.8190, 11876270.7773	7004102.6063, 11876281.0885
L10	0+62.52	1+02.41	N 66° 01' 31" E	39.88'	7004085.6235, 11876229.4251	7004101.8293, 11876265.8673
L11	0+00.00	0+17.54	N 23° 10' 37" W	17.54'	7004024.2775, 11876199.4225	7004040.4053, 11876192.5178
L12	0+59.30	0+72.79	S 66° 32' 35" W	13.49'	7004054.2857, 11876157.6080	7004048.9159, 11876145.2328
L13	0+56.78	0+78.97	S 71° 11' 28" W	22.19'	7004061.3927, 11876126.2551	7004054.2396, 11876105.2535
L14	0+34.34	0+56.78	S 66° 32' 35" W	22.44'	7004070.3241, 11876146.8383	7004061.3927, 11876126.2551
L15	0+00.00	0+22.52	N 66° 32' 35" E	22.52'	7004069.6177, 11876122.6005	7004078.5804, 11876143.2558

Curve Table										
Curve #	Start Sta.	End Sta.	Radius	Chord Bearing	Chord Length	Delta (Δ)	Arc Length	Tangent	Start (Northing, Easting)	End (Northing, Easting)
C1	0+00.00	0+09.18	13.50'	S 47° 05' 32" E	9.00'	38° 57' 15"	9.18'	4.77	7004130.0050, 11876124.3476	7004123.8758, 11876130.9416
C2	0+09.18	0+20.72	16.50'	S 46° 32' 15" E	11.30'	40° 03' 49"	11.54'	6.02	7004123.8758, 11876130.9416	7004116.1001, 11876139.1462
C3	0+20.72	0+47.64	16.50'	S 20° 13' 46" W	24.03'	93° 28' 13"	26.92'	17.53	7004116.1001, 11876139.1462	7004093.5520, 11876130.8370
C4	1+05.63	1+12.30	16.50'	S 78° 32' 43" W	6.62'	23° 09' 42"	6.67'	3.38	7004070.8580, 11876077.4653	7004069.5424, 11876070.9725
C5	1+12.30	1+17.93	13.50'	S 78° 11' 20" W	5.58'	23° 52' 29"	5.63'	2.85	7004069.5424, 11876070.9725	7004068.3993, 11876065.5061
C6	0+09.89	0+39.75	21.50'	S 74° 05' 30" E	27.52'	79° 34' 18"	29.86'	17.90	7004128.4404, 11876164.7280	7004120.8982, 11876191.1907
C7	0+27.29	0+38.87	4.85'	S 22° 32' 55" E	9.02'	136° 42' 28"	11.58'	12.22	7004102.7596, 11876199.0117	7004094.4306, 11876202.4700
C8	1+02.41	1+07.46	11.50'	N 78° 36' 13" E	5.01'	25° 09' 23"	5.05'	2.57	7004101.8293, 11876265.8673	7004102.8190, 11876270.7773
C9	0+20.91	0+62.52	26.50'	N 21° 02' 20" E	37.47'	89° 58' 23"	41.61'	26.49	7004050.6533, 11876215.9742	7004085.6235, 11876229.4251
C10	0+09.41	0+20.91	16.50'	N 43° 55' 12" W	11.27'	39° 56' 40"	11.50'	6.00	7004042.5342, 11876223.7928	7004050.6533, 11876215.9742
C11	-0+00.00	0+09.41	13.50'	N 43° 55' 12" W	9.22'	39° 56' 40"	9.41'	4.91	7004035.8914, 11876230.1898	7004042.5342, 11876223.7928
C12	0+17.54	0+59.30	26.50'	N 68° 19' 01" W	37.57'	90° 16' 47"	41.76'	26.63	7004040.4053, 11876192.5178	7004054.2857, 11876157.6080
C13	0+72.79	0+83.17	16.50'	S 48° 30' 44" W	10.21'	36° 03' 43"	10.39'	5.37	7004048.9159, 11876145.2328	7004042.1492, 11876137.5811
C14	0+83.17	0+91.65	13.50'	S 48° 27' 43" W	8.33'	35° 57' 41"	8.47'	4.38	7004042.1492, 11876137.5811	7004036.6222, 11876131.3424
C15	0+22.52	0+34.34	4.75'	S 23° 27' 25" E	9.00'	142° 39' 24"	11.83'	14.06	7004078.5804, 11876143.2558	7004070.3241, 11876146.8383

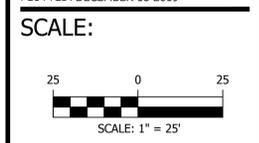


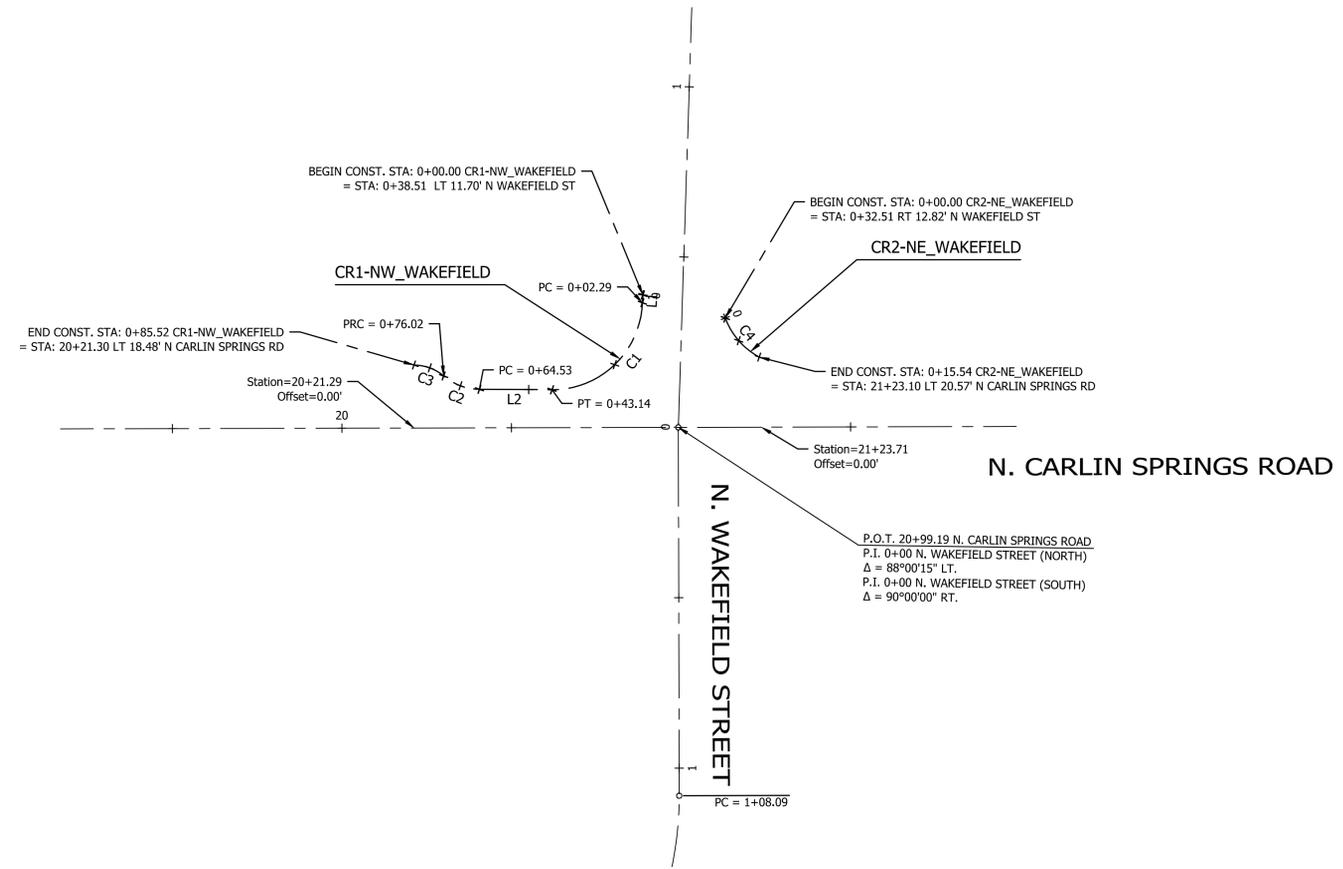
APPROVALS	DATE
<i>[Signature]</i>	12.10.2019
QUALITY CONTROL ENGINEER	
<i>[Signature]</i>	12/10/19
CONSTRUCTION MANAGEMENT SUPERVISOR	
<i>[Signature]</i>	12/10/19
WATER, SEWER, STREETS BUREAU CHIEF	
<i>[Signature]</i>	12/10/19
TRANSPORTATION DIRECTOR	
<i>[Signature]</i>	12/10/19
PROJECT MANAGER	

REVISIONS	DATE

N. CARLIN SPRINGS ROAD
 DC14
 AT N EDISON STREET AND AT N WAKEFIELD STREET
 GEOMETRIC CONTROL PLAN_EDISON

DESIGNED: J. ROJAS
 DRAWN: J. ROJAS
 CHECKED: P. RIGBY
 MISS UTILITY TRANSMITTAL #: 5362-D



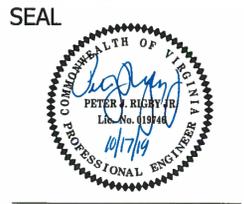


Line Table						
Line #	Start Sta.	End Sta.	Bearing	Distance	Start (Northing, Easting)	End (Northing, Easting)
L1	0+00.00	0+02.29	S 15° 30' 07" E	2.29'	7005058.9057, 11877227.3082	7005056.6949, 11877227.9214
L2	0+43.14	0+64.53	S 71° 22' 07" W	21.39'	7005023.8653, 11877211.0365	7005017.0310, 11877190.7656

Curve Table											
Curve #	Start Sta.	End Sta.	Radius	Chord Bearing	Chord Length	Delta (Δ)	Arc Length	Tangent	Start (Northing, Easting)	End (Northing, Easting)	
C1	0+02.29	0+43.14	26.50'	S 27° 13' 03" W	36.92'	88° 18' 08"	40.84'	25.73	7005056.6949, 11877227.9214	7005023.8653, 11877211.0365	
C2	0+64.53	0+76.02	16.50'	N 88° 40' 27" W	11.26'	39° 54' 52"	11.49'	5.99	7005017.0310, 11877190.7656	7005017.2917, 11877179.5051	
C3	0+76.02	0+85.52	13.50'	N 88° 52' 22" W	9.30'	40° 18' 42"	9.50'	4.96	7005017.2917, 11877179.5051	7005017.4747, 11877170.2034	
C4	0+00.00	0+15.54	21.50'	S 60° 08' 00" E	15.20'	41° 24' 37"	15.54'	8.13	7005060.3987, 11877252.5056	7005052.8278, 11877265.6895	



DEPARTMENT OF ENVIRONMENTAL SERVICES
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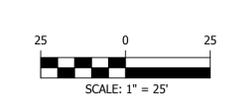
APPROVALS	DATE
<i>Mark Bennett</i> QUALITY CONTROL ENGINEER	12.10.2019
<i>John Smith</i> CONSTRUCTION MANAGEMENT SUPERVISOR	12/10/19
<i>David Lee</i> WATER, SEWER, STREETS BUREAU CHIEF	12/17/19
<i>John Smith</i> TRANSPORTATION DIRECTOR	12/17/19
<i>John Smith</i> PROJECT MANAGER	12/17/19

REVISIONS	DATE

N. CARLIN SPRINGS ROAD
 DC14
 AT N EDISON STREET AND AT N WAKEFIELD STREET
GEOMETRIC CONTROL PLAN_WAKEFIELD

DESIGNED: J. ROJAS
 DRAWN: J. ROJAS
 CHECKED: P. RIGBY
 MISS UTILITY TRANSMITTAL #: 5362-D

PLOTTED: DECEMBER 18 2019



GENERAL EROSION & SEDIMENT CONTROL NOTES (TABLE 6-1)

- 1. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE CONSTRUCTED AND MAINTAINED ACCORDING TO THE LATEST EDITIONS OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK (VESCH) AND THE ARLINGTON COUNTY EROSION AND SEDIMENT CONTROL ORDINANCE.

GENERAL LAND CONSERVATION NOTES

- 1. NO DISTURBED AREA WHICH IS NOT ACTIVELY BEING WORKED SHALL REMAIN DENUDED FOR MORE THAN 7 CALENDAR DAYS UNLESS OTHERWISE AUTHORIZED BY THE DIRECTOR OR HIS AGENT.

UTILITY INSTALLATION

UNDERGROUND UTILITY LINES SHALL BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING STANDARDS IN ADDITION TO OTHER APPLICABLE CRITERIA:

- 1. NO MORE THAN 500 LINEAR FEET OF TRENCH MAY BE OPENED AT ONE TIME.

URBAN FORESTER NOTIFICATION :

CONTRACTOR TO CONTACT THE ARLINGTON FORESTER TO SCHEDULE A PRECONSTRUCTION INSPECTION OF TREE PROTECTION MEASURES BEFORE ANY WORK NEAR THE CRITICAL ROOT ZONES OF TREES TO SCHEDULE THE PRECONSTRUCTION MEETING, CALL 703-228-1863

N. EDISON STREET

PERVIOUS AND IMPERVIOUS AREA TABLE

Table with 3 columns: Category, PRE-DEVELOPMENT, POST-DEVELOPMENT. Rows include Limits of Disturbed, Pervious Area, ImperVIOUS Area, and Decreased ImperVIOUS Area.

N. WAKEFIELD STREET

PERVIOUS AND IMPERVIOUS AREA TABLE

Table with 3 columns: Category, PRE-DEVELOPMENT, POST-DEVELOPMENT. Rows include Limits of Disturbed, Pervious Area, ImperVIOUS Area, and Decreased ImperVIOUS Area.

COMBINED TABLE

PERVIOUS AND IMPERVIOUS AREA TABLE

Table with 3 columns: Category, PRE-DEVELOPMENT, POST-DEVELOPMENT. Rows include Limits of Disturbed, Pervious Area, ImperVIOUS Area, and Decreased ImperVIOUS Area.

EROSION AND SEDIMENT CONTROL NARRATIVE

PROJECT DESCRIPTION

THE NORTH CARLIN SPRINGS ROAD INTERSECTION IMPROVEMENT PROJECTS AT NORTH EDISON STREET AND NORTH WAKEFIELD STREET CONSIST OF CURB & GUTTER, MEDIANS AND SIDEWALKS. THE LIMITS OF CONSTRUCTION ARE WITHIN THE EXISTING ARLINGTON COUNTY R-O-W EXCEPT ON SOME LOCATIONS WHEREIN THE COUNTY HAS OBTAINED THE NECESSARY EASEMENTS FROM THE PROPERTY OWNERS.

EXISTING SITE CONDITIONS

THE SITE IS LOCATED WITHIN THE LUBBER RUN WATERSHED. THE TOPOGRAPHY HAS SLOPES RANGING FROM 3% TO 8%. THERE ARE EXISTING DRAINAGE STRUCTURES SERVING THIS SITE IN THE FORM OF CURB INLETS. THE CURRENT LAND COVER IS PRIMARILY IMPERVIOUS. THE SITE HAVE A HYDROLOGIC SOIL GROUP OF TYPE B/C AND THE SOIL TYPE IS " URBAN LAND - SASSAFRAS - NEABSCO".

ADJACENT PROPERTIES

ADJACENT PROPERTIES AROUND THE PROJECT AREA ARE SINGLE FAMILY DETACHED HOUSES.

OFF-SITE AREAS:

THE EXTENT OF OFFSITE CONSTRUCTION IS LIMITED TO CONNECTING TO THE EXISTING PUBLIC AND PRIVATE STREETS, DRIVEWAYS, AND SIDEWALKS ADJACENT TO AFFECTED PARCELS, AND CONNECTING TO EXISTING UTILITIES.

CRITICAL AREAS

THERE ARE NO STEEP SLOPES OR CRITICAL AREA LOCATED IN THE AREAS TO BE DISTURBED.

EROSION AND SEDIMENT CONTROL MEASURES

UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE CONSTRUCTED AND MAINTAINED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK AND THE ARLINGTON COUNTY EROSION AND SEDIMENT CONTROL ORDINANCE.

STRUCTURAL PRACTICES (IF REQUIRED OR AS SHOWN ON THE E&S PLAN)

- 1. SILT FENCE - 3.05 (AND SUPER SILT FENCE)
SILT FENCE WILL BE INSTALLED IN PHASE I & II OF E&S PLAN TO FILTER RUNOFF FROM DISTURBED AREAS.

VEGETATIVE PRACTICES (IF REQUIRED OR AS SHOWN ON THE E&S PLAN)

- 1. TOPSOILING (STOCKPILE) - 3.30
TOPSOIL WILL BE STRIPPED FROM AREAS TO BE GRADED AND STOCKPILED FOR LATER USE.

THE EROSION AND SEDIMENT CONTROL INSPECTOR SHALL HAVE THE AUTHORITY TO ADD OR DELETE EROSION AND SEDIMENT CONTROLS AS NEEDED IN THE FIELD, AS SITE CONDITIONS WARRANT, IN ADDITION NO SEDIMENT TRAPS OR BASINS MAY BE REMOVED WITHOUT PRIOR APPROVAL OF THE INSPECTOR.

PERMANENT STABILIZATION

ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE STABILIZED WITH GRASS, MULCH OR SOD.

STORMWATER RUNOFF CONSIDERATIONS

RUNOFF SHALL BE TREATED WITH SILT FENCE AND INLET PROTECTION PRIOR TO ENTERING MAJOR STORM SEWER SYSTEMS. PROPOSED STORM SEWER NETWORK HAVE BEEN DESIGNED TO ADEQUATELY CONVEY STORM WATER.

LANDSCAPE / TREE PRESERVATION NOTES

PRIOR TO ANY LAND DISTURBING ACTIVITY THE CONTRACTOR SHALL CONTACT THE ARLINGTON COUNTY ARBORIST TO SCHEDULE AN INSPECTION.

EROSION & SEDIMENT CONTROL PROGRAM

- 1. THE EROSION CONTROL PLAN IS INTENDED TO ESTABLISH ENTRANCES AND PERIMETER CONTROL MEASURES WHICH INCLUDES SILT FENCE (SF), INLET PROTECTION (IP), AND OTHER CONTROLS SPECIFIED ON THE PLANS.

NOTES:

- 1) SITE AREA INCLUDES ALL AREA WITHIN LIMITS OF DISTURBANCE (LOD) AND LIMITS OF WORK (LOW).

FOR ALL DETAILS AND SPECIFICATIONS, SEE THE VIRGINIA EROSION & SEDIMENT CONTROL HANDBOOK, UNLESS OTHERWISE NOTED.

MAINTENANCE PROGRAM:

THE FOLLOWING IS A PROGRAM OF MAINTENANCE FOR THE MECHANICAL CONTROLS SPECIFIED IN THIS NARRATIVE AND ON THE PLAN:

- 1. THE SITE SUPERINTENDENT OR HIS/HER REPRESENTATIVE SHALL MAKE A VISUAL INSPECTION OF ALL MECHANICAL CONTROLS AND NEWLY STABILIZED AREA (I.E. SEEDED AND MULCHED AND/OR SODDED AREAS) ON A DAILY BASIS; ESPECIALLY AFTER A HEAVY RAINFALL EVENT TO INSURE THAT ALL CONTROLS ARE MAINTAINED AND PROPERLY FUNCTIONING.

EROSION & SEDIMENT CONTROL PROJECT PHASING

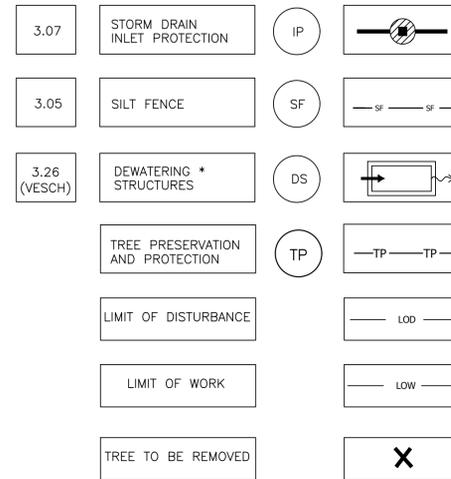
PHASE I:

- 1. PRE-CONSTRUCTION MEETING WITH THE ARLINGTON COUNTY PROJECT OFFICER, AND CONTRACTOR.

PHASE II:

- 1. BEGIN UTILITY CONSTRUCTION, INSTALL THE STORM DRAINAGE SYSTEM AND BEGIN SITE GRADING.

EROSION AND SEDIMENT CONTROL LEGEND



- * NOTE: PROTECT TREES DURING CONSTRUCTION OF PROPOSED WORK AS SHOWN. CALL URBAN FORESTER (702-228-1863) PRIOR TO BEGINNING WORK ADJACENT TO TREE.

ADDITIONAL NOTES:

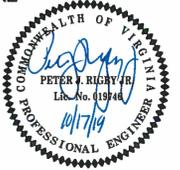
- 1. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE COUNTY PROJECT OFFICER.



DEPARTMENT OF ENVIRONMENTAL SERVICES
FACILITIES & ENGINEERING DIVISION
ENGINEERING BUREAU
2100 CLARENDON BOULEVARD, SUITE 813
ARLINGTON, VA 22201

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APPROVALS DATE

Table with columns for Approvals and Dates, listing signatures and dates for Quality Control Engineer, Construction Management Supervisor, Transportation Director, and Project Manager.

REVISIONS DATE

Table with columns for Revisions and Dates, currently empty.

N. CARLIN SPRINGS ROAD DC14
AT N EDISON STREET AND AT N WAKEFIELD STREET
EROSION AND SEDIMENT CONTROL NOTES 1

DESIGNED: J. ROJAS
DRAWN: J. ROJAS
CHECKED: P. RIGBY
MISS UTILITY TRANSMITTAL #: 5362-D

PLOTTED: DECEMBER 18 2019

SCALE: NTS

05/13/2019
date

Qianqian Li, P.E.
ESC Program Administrator
Department of Environmental Services
2100 Clarendon Boulevard, Suite 813
Arlington, Virginia 22201

Re: Erosion and Sediment Control Permit Application for:
Intersections of N. Carlin Springs Road & N. Edison St.—N. Wakefield St.
street address

lot, block, section subdivision

permit number

Dear Mrs. Li:

I hereby certify that I accept the responsibilities of Responsible Land Disturber for the above referenced project. I understand that these responsibilities include:

1. Reviewing the erosion and sedimentation (E&S) plan for the project.
2. Walking the site prior to construction to identify critical areas.
3. Conducting a pre-construction briefing with earth moving and site contractors to present the E&S plan and highlight the presence of critical areas, the limits of clearing and the required E&S controls and tree protection measures to be installed. Call 703-228-0760 to schedule pre-construction meeting.
4. Regularly inspecting the site during construction to ensure that all E&S controls are functioning and are adequate to address erosion and sedimentation. Inspect the site 48 hours after a runoff-generating storm and provide a copy of the inspection findings to the county.
5. Reporting to the owner the presence inadequate or nonfunctioning E&S controls when they are observed.
6. Ensuring that temporary soil stabilization is applied within 7 days to areas denuded that will remain undisturbed for longer than 14 days. Permanent stabilization shall be applied to areas that are to be left dormant for more than one year.
7. Calling (703) 228-0760 at least 80 hours before demolishing any structure.

I may be reached at (703) 228-3604 with questions about this plan or my execution of the duties of Responsible Land Disturber.
telephone number

Sincerely,

signed
Pete Rigby
name printed
VA PE 19746
professional registration (type and number)

(FOR PLANS APPROVAL ONLY)

Pre-Storm Erosion and Sediment Control Checklist

Per Erosion and Sediment Control General Note 6, the Contractor is responsible for the installation and maintenance of any additional erosion and sediment control (ESC) measures necessary to prevent erosion and sedimentation as determined by the County. These supplementary practices are in addition to those shown in an ESC plan. ESC practices shall be modified as needed to ensure only clear water is discharged from the site.

The following actions shall be taken prior to storm events with predicted heavy and/or large volume rainfall to prevent sediment discharges from a construction site. A typical summer thunderstorm is an example of a storm event with predicted heavy and/or large volume rainfall.

Perimeter controls

- Silt fence shall be checked for undermining, holes, or deterioration of the fabric. Fencing shall be replaced immediately if the fabric is damaged or worn. Silt fence must be trenched into the ground per state specifications (Std & Spec 3.09).
- Wooden stakes or steel posts shall be properly secured upright into the ground. Damaged posts or stakes must be replaced.
- Sediment that has accumulated against the silt fence should be removed. Accumulated sediment must be removed when the level reaches one-half the height of the fencing.
- Hay bales or a stone berm should be placed across the construction entrance to prevent sediment from leaving the construction site.

Exposed slopes and soil

- Exposed slopes not at the final stabilization phase shall be covered with tarps, plastic sheeting, or erosion control matting. Covering material shall be properly secured/anchored.
- Controls shall be installed to prevent concentrated flow down an exposed slope. Berms or diversion dikes shall be installed at the top of cut / exposed slopes to direct storm flow around the disturbed area.
- Exposed slopes at the final stabilization phase shall be stabilized using slope stabilization practices such as soil stabilization blankets or matting as specified in the Virginia Erosion and Sediment Control Handbook (VESCH) Std & Spec 3.36. Blankets or mats must be properly secured and anchored to the slope using staples, pins, or stakes.
- Seeded areas shall be checked and reseeded as necessary to cover exposed soil. Recently seeded areas shall be protected by straw or soil stabilization blankets to prevent seeding from being washed away.

Stockpiles

- Stockpiled soil and other loose materials that can be washed away shall be covered with a tarp, plastic sheeting, or other stabilization matting. The cover must be properly secured / anchored down to prevent it from being blown off and exposing materials to rain. Controls such as hay bales or booms should be placed along the perimeter of the stock pile (downhill side).

Inlet protection

- Inlet protection controls shall be inspected to ensure they are functioning properly and flooding will not occur. Clogged or damaged controls must be replaced immediately. Ensure controls allow for overflow / bypass of stormwater runoff during significant storm events.

In addition to these pre-storm actions, all erosion and sediment control (ESC) measures must be checked daily and after each significant rainfall.

TABLE 3.31-B
(Revised June 2003)
TEMPORARY SEEDING SPECIFICATIONS
QUICK REFERENCE FOR ALL REGIONS

SEED		
APPLICATION DATES	SPECIES	APPLICATION RATES
Sept. 1 - Feb. 15	50/50 Mix of Annual Ryegrass (lolium multi-florum) & Cereal (Winter) Rye (Secale cereale)	50 - 100 (lbs/acre)
Feb. 16 - Apr. 30	Annual Ryegrass (lolium multi-florum)	60 - 100 (lbs/acre)
May 1 - Aug. 31	German Millet	50 (lbs/acre)

FERTILIZER & LIME

- Apply 10-10-10 fertilizer at a rate of 450 lbs. / acre (or 10 lbs. / 1,000 sq. ft.)
- Apply Pulverized Agricultural Limestone at a rate of 2 tons/acre (or 90 lbs. / 1,000 sq. ft.)

NOTE:

- 1 - A soil test is necessary to determine the actual amount of lime required to adjust the soil pH of site.
- 2 - Incorporate the lime and fertilizer into the top 4 - 6 inches of the soil by disking or by other means.
- 3 - When applying Slowly Available Nitrogen, use rates available in Erosion & Sediment Control Technical Bulletin # 4, 2003 Nutrient Management for Development Sites at <http://www.dcr.state.va.us/sw/e&s.htm#pubs>

TABLE 3.32-E
(Revised June 2003)
PERMANENT SEEDING SPECIFICATIONS FOR COASTAL PLAIN AREA

SEED ¹		
LAND USE	SPECIES	APPLICATION RATES
Minimum Care Lawn. (Commercial or Residential)	Tall Fescue ¹ or Bermudagrass ¹	175 - 200 lbs. 75 lbs.
	Tall Fescue ¹ or Bermudagrass ¹ (seed) or Bermudagrass ¹ (by other vegetative establishment method, see Std. & Spec. 3.34)	200-250 lbs. 40 lbs. (unhulled) 30 lbs. (hulled)
High-Maintenance Lawn	Tall Fescue ¹ or Bermudagrass ¹ (seed) or Bermudagrass ¹ (by other vegetative establishment method, see Std. & Spec. 3.34)	200-250 lbs. 40 lbs. (unhulled) 30 lbs. (hulled)
	Tall Fescue ¹ Red Top Grass or Creeping Red Fescue Seasonal Nurse Crop ²	128 lbs. 2 lbs. 20 lbs.
	TOTAL: 150 lbs.	
General Slope (3:1 or less)	Tall Fescue ¹ Bermudagrass ¹ Red Top Grass or Creeping Red Fescue Seasonal Nurse Crop ² Sericea Lespedeza ³	93-108 lbs. 0-15 lbs. 2 lbs. 20 lbs. 20 lbs.
	TOTAL: 150 lbs.	
	Tall Fescue ¹ Bermudagrass ¹ Red Top Grass or Creeping Red Fescue Seasonal Nurse Crop ²	128 lbs. 2 lbs. 20 lbs.
	TOTAL: 150 lbs.	

NOTE:

- 1 - When selecting varieties of turfgrass, use the Virginia Crop Improvement Association (VCIA) recommended turfgrass variety list. Quality seed will bear a label indicating that they are approved by VCIA. A current turfgrass variety list is available at the local County Extension office or through VCIA at 804-746-4884 or at <http://sudan.cses.vt.edu/html/Turf/turf/publications/publications2.htm>
- 2 - Use seasonal nurse crop in accordance with seeding dates as stated below:
February, March - April Annual Rye
May 1st - August Foxtail Millet
September, October - November 15th Annual Rye
November 16th - January Winter Rye
- 3 - May through October, use hulled seed. All other seeding periods, use unhulled seed. If Weeping Lovegrass is used, include in any slope or low maintenance mixture during warmer seeding periods, increase to 30 -40 lbs/acre.

FERTILIZER & LIME

- Apply 10-20-10 fertilizer at a rate of 500 lbs. / acre (or 12 lbs. / 1,000 sq. ft.)
- Apply Pulverized Agricultural Limestone at a rate of 2 tons/acre (or 90 lbs. / 1,000 sq. ft.)

NOTE:

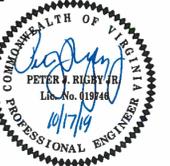
- 1 - A soil test is necessary to determine the actual amount of lime required to adjust the soil pH of site.
- 2 - Incorporate the lime and fertilizer into the top 4 - 6 inches of the soil by disking or by other means.
- 3 - When applying Slowly Available Nitrogen, use rates available in Erosion & Sediment Control Technical Bulletin # 4, 2003 Nutrient Management for Development Sites at <http://www.dcr.state.va.us/sw/e&s.htm#pubs>



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SEAL



APPROVALS	DATE
	12.10.2019
QUALITY CONTROL ENGINEER	
	12/10/19
CONSTRUCTION MANAGEMENT SUPERVISOR	
	12/17/19
WATER, SEWER, STREETS BUREAU CHIEF	
	12/17/19
TRANSPORTATION DIRECTOR	
	12/10/19
PROJECT MANAGER	

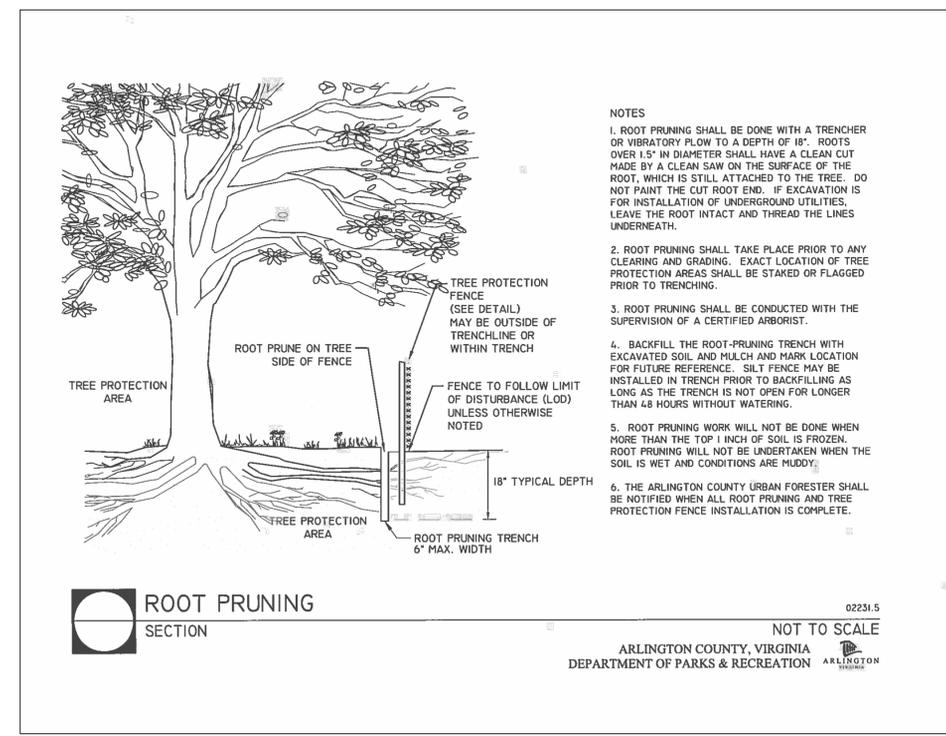
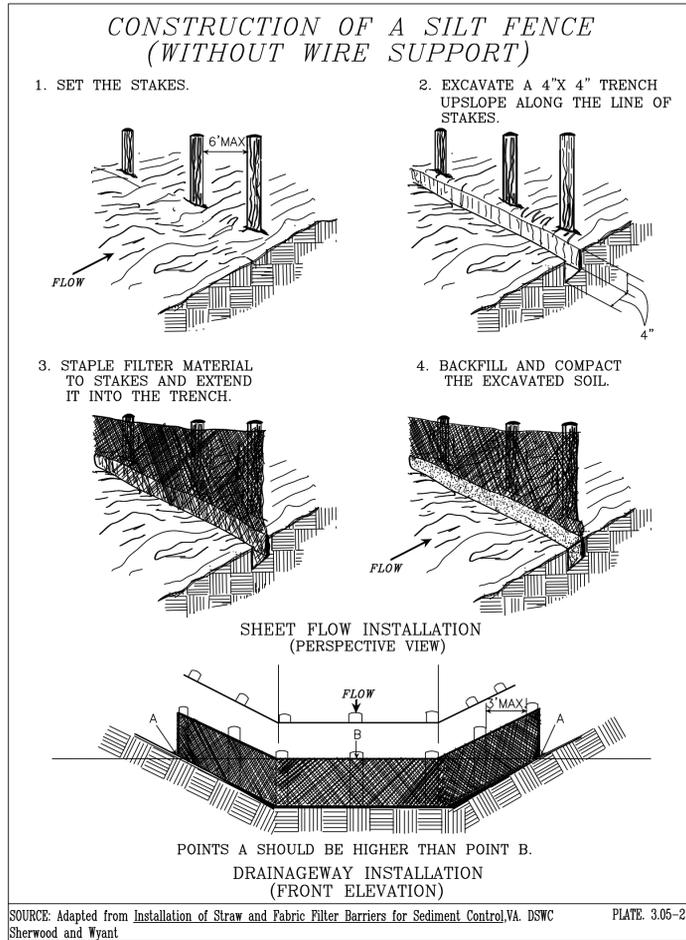
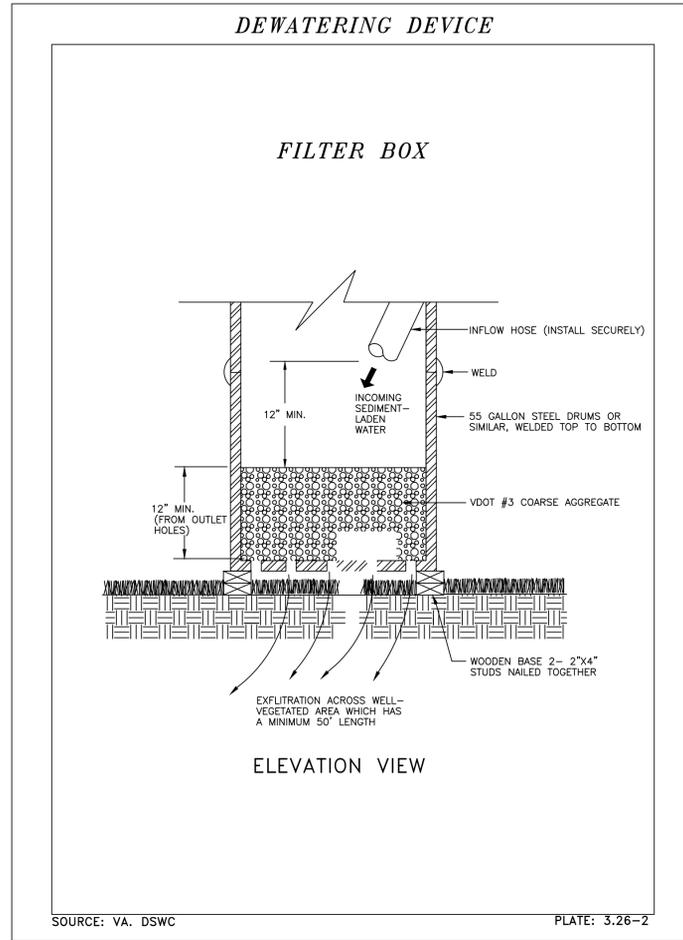
REVISIONS	DATE

N. CARLIN SPRINGS ROAD
DC14
AT N EDISON STREET AND AT N WAKEFIELD STREET
EROSION AND SEDIMENT CONTROL
NOTES 2

DESIGNED: J. ROJAS
DRAWN: J. ROJAS
CHECKED: P. RIGBY
MISS UTILITY TRANSMITTAL #: 5362-D
PLOTTED: DECEMBER 18 2019

SCALE: NTS

REVISED ON 05/23/2018
FILENAME: DC14-224-EROSION_AND_SEDIMENT_CONTROL_DETAILS.DWG PATH: Q:\DATA\DC14\DESIGN\CD\90-100 PCT ARCHIVE PLOTTED BY: ROJAS



ARLINGTON VIRGINIA

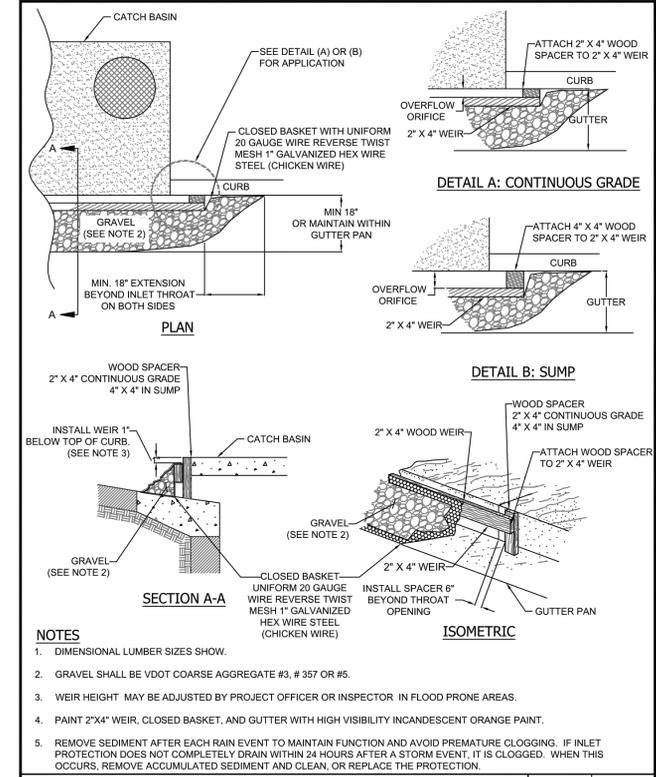
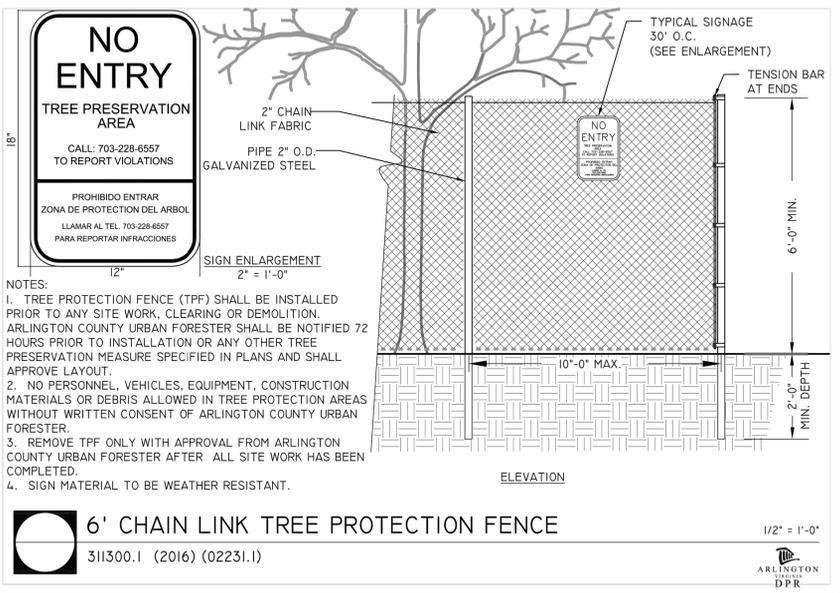
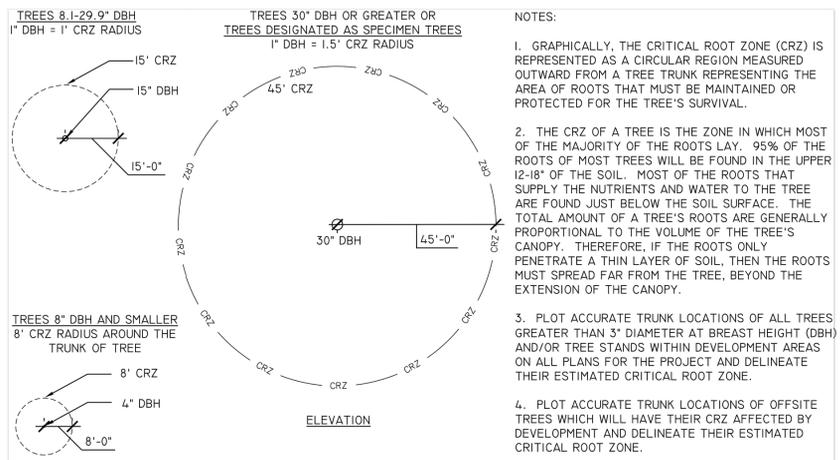
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SEAL

APPROVALS	DATE
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<i>Chris Smith</i>	12/10/19
CONSTRUCTION MANAGEMENT SUPERVISOR	
<i>David Lee</i>	12/10/19
WATER, SEWER, STREETS BUREAU CHIEF	
<i>John G. Rigby</i>	12/10/19
TRANSPORTATION DIRECTOR	
<i>John G. Rigby</i>	12/10/19
PROJECT MANAGER	

REVISIONS **DATE**



N. CARLIN SPRINGS ROAD
DC14
AT N EDISON STREET AND AT N WAKEFIELD STREET

EROSION AND SEDIMENT CONTROL DETAILS

DESIGNED: J. ROJAS
DRAWN: J. ROJAS
CHECKED: P. RIGBY
MISS UTILITY TRANSMITTAL #: 5362-D

PLOTTED: DECEMBER 18 2019

SCALE: NTS

CURB INLET PROTECTION	
REVISION & DATE	DRAWING NO.
	3.07-7 (ACG)

ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES