



**ENGINEER**  
DEPARTMENT OF  
ENVIRONMENTAL SERVICES

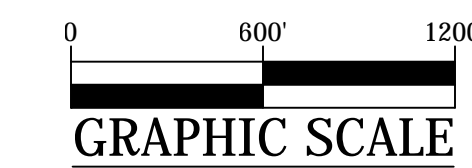
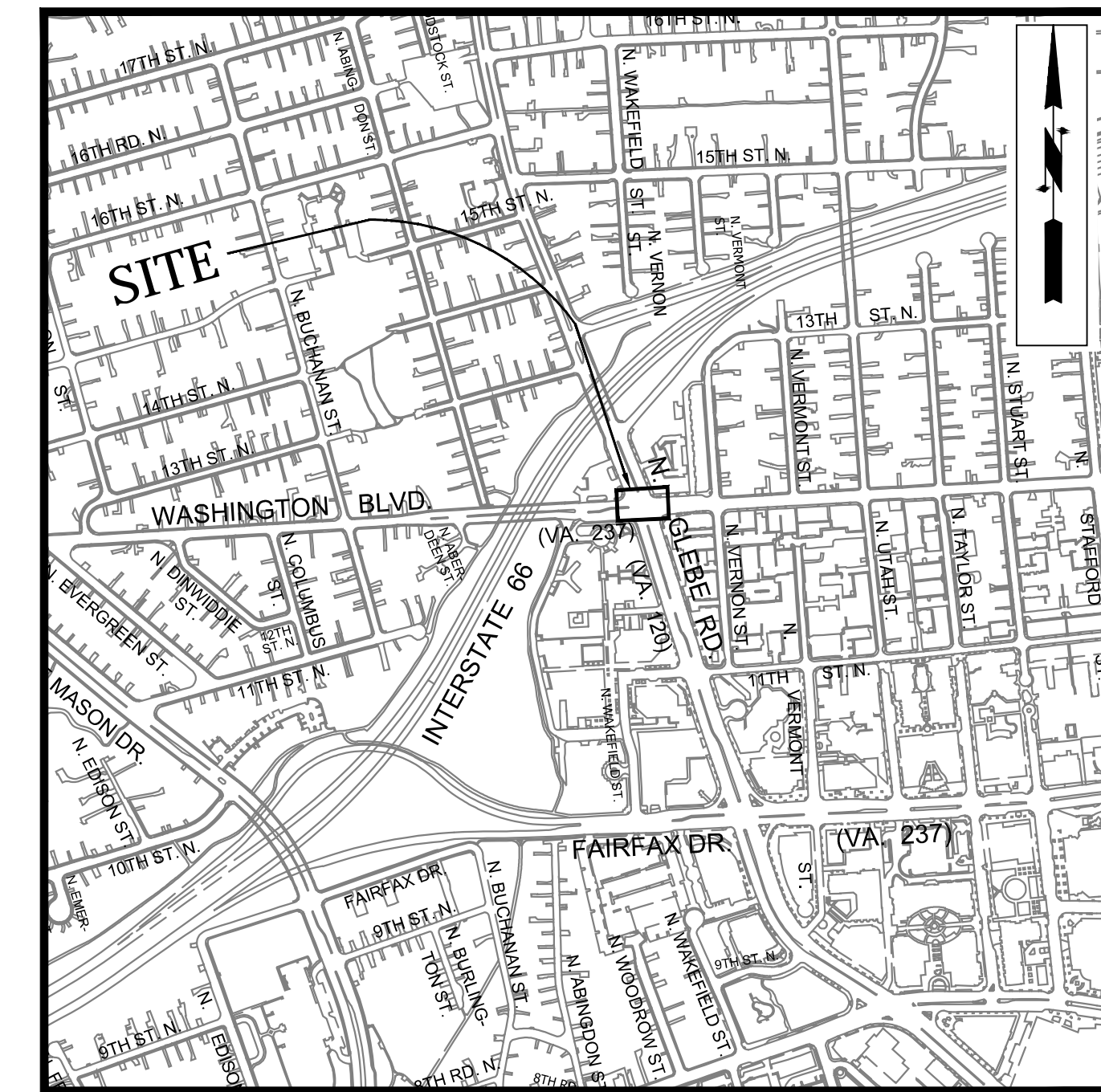
FACILITIES & ENGINEERING DIVISION  
ENGINEERING BUREAU  
2100 CLARENDON BOULEVARD, SUITE 813  
ARLINGTON, VA 22201  
PHONE: 703.228.3629 FAX: 703.228.3606  
WWW.ARLINGTONVA.US

**OWNER**  
DEPARTMENT OF  
ENVIRONMENTAL SERVICES

DIVISION OF TRANSPORTATION & DEVELOPMENT  
TRANSPORTATION PLANNING  
2100 CLARENDON BOULEVARD, SUITE 900,  
ARLINGTON, VA 22201  
PHONE: 703.228.3681 FAX: 703.228.7584  
WWW.ARLINGTONVA.US

**CONTRACTOR**  
TO BE DETERMINED

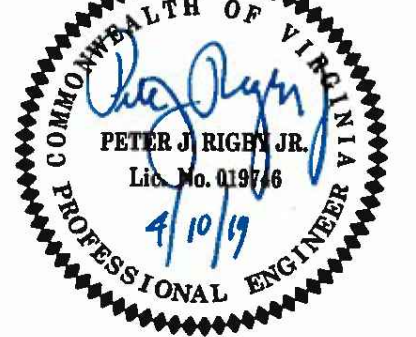
## LOCATION MAP



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>	4/16/19
QUALITY CONTROL ENGINEER	
<i>[Signature]</i>	4/19/19
CONSTRUCTION MANAGEMENT SUPERVISOR	
<i>[Signature]</i>	5/1/19
WATER, SEWER, STREETS BUREAU CHIEF	
<i>[Signature]</i>	4/17/19
TRANSPORTATION DIRECTOR	
<i>[Signature]</i>	4/17/19
PROJECT MANAGER	

REVISIONS DATE

# CONSTRUCTION DRAWINGS FOR: N. GLEBE RD. & WASHINGTON BLVD. NE CORNER AT INTERSECTION

PROJECT CODE: P14D

## 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 TRENCHES 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.

### 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.
- 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. TYPICALLY ANY RELOCATION OR CLOSURE OF A BUS STOP WILL REQUIRE AT LEAST FOUR WEEKS ADVANCE NOTICE FOR COORDINATION WITH THE COUNTY'S BUS STOP COORDINATOR @ (DES-TRANSIT 703-228-3049) ALL TEMPORARY AND FINAL BUS TRAVEL LANES MUST BE MINIMUM 11' WIDE.
- 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 3 WORKING DAYS 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 703-228-5555 AND THE PROJECT OFFICER.

## TABLE OF CONTENTS

SHEET NUMBER	SHEET TITLE
1	COVER SHEET
2	LEGEND
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5	DEMOLITION PLAN
6	EROSION AND SEDIMENT CONTROL PLAN
7	GEOMETRIC CONTROL
8	PLAN AND PROFILE
9	RAMP DETAIL
10	CROSS SECTIONS
11	SIGNAGE AND STRIPING
12	MOT_PLAN I
13	MOT_PLAN II

## ADT

19,000 - VPD WASHINGTON BLVD (KIRKWOOD RD. TO N. GLEBE RD.)	2017 - TE & O
15,000 - VPD WASHINGTON BLVD (ROUTE 237 TO N. GLEBE RD.)	2017 - TE & O
28,000 - VPD N. GLEBE RD. (I-66 TO WASHINGTON BLVD.)	2017 - TE & O
25,000 - VPD N. GLEBE RD. (WASHINGTON BLVD. TO FAIRFAX DR.)	2017 - TE & O

## STREET CLASSIFICATION

PRINCIPAL ARTERIAL WASHINGTON BLVD.  
PRINCIPAL ARTERIAL N. GLEBE RD.

MAINTAINING AGENCY: ARLINGTON COUNTY

## POSTED/ DESIGN SPEED

30 MPH - WASHINGTON BLVD.  
30 MPH - N. GLEBE RD.

## DESIGN VEHICLE

2011 AASHTO CITY BUS

AUTO TURN (TURNING MOVEMENT) USED SPEED: 10MPH

PROJECT NAME AND LOCATION  
N. GLEBE RD. & WASHINGTON BLVD.  
COVER SHEET  
N. GLEBE RD. & WASHINGTON BLVD.  
NE CORNER AT INTERSECTION  
P14D

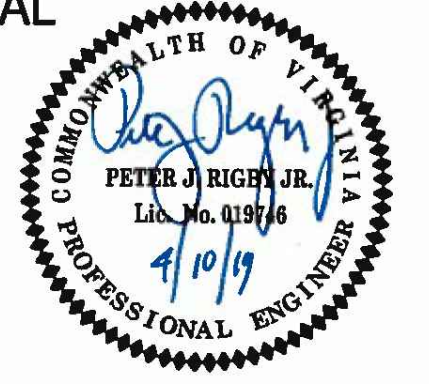
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DRAWN : K. PATEL  
CHECKED : P. RIGBY  
MISS UTILITY TRANSMITTAL #: N/A  
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PLOTTED: MAY 28 2019  
PLOTTED BY: KPATEL

SCALE: AS NOTED

SHEET

1 OF 13

**SEAL**



**APPROVALS**      **DATE**

<i>[Signature]</i>	4/16/19
QUALITY CONTROL ENGINEER	
<i>[Signature]</i>	4/19/19
CONSTRUCTION MANAGEMENT SUPERVISOR	
<i>[Signature]</i>	5/1/19
WATER, SEWER, STREETS BUREAU CHIEF	
<i>[Signature]</i>	4/17/19
TRANSPORTATION DIRECTOR	
<i>[Signature]</i>	4/17/19
PROJECT MANAGER	

**REVISIONS**      **DATE**


**PROJECT NAME AND LOCATION**  
N. GLEBE RD. & WASHINGTON BLVD.

**LEGEND**  
N. GLEBE RD. & WASHINGTON BLVD.  
NE CORNER AT INTERSECTION

DESIGNED: K. PATEL  
DRAWN : K. PATEL  
CHECKED : P. RIGBY  
MISS UTILITY TRANSMITTAL #: N/A  
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PLOTTED: MAY 28 2019  
PLOTTED BY: KPATEL

**SCALE: AS NOTED**

**LINETYPE LEGEND**

FEATURE	EXISTING	PROPOSED
BACK OF CURB	---	---
BUILDING	---	---
CENTERLINE / BASELINE	---	---
COMMUNICATIONS CABLE	--- COM ---	--- COM ---
CONTOURS	--- 250 --- 250 --- 250 ---	--- 250 --- 250 --- 250 ---
CRITICAL ROOT ZONE	--- CRZ --- CRZ ---	--- CRZ --- CRZ ---
EASEMENT	---	---
ELECTRIC (UNDERGROUND)	--- UGE --- UGE ---	---
FACE OF CURB	---	---
FENCE (MATERIAL NOTED)	---X---X---X---X---X---	---X---X---X---X---X---
FIBER OPTIC	---	--- fo ---
GAS LINE	--- GAS --- GAS ---	--- GAS --- GAS ---
X" GAS LINE (SIZE INCLUDED IF AVAILABLE)	--- X" G --- X" G ---	--- X" G --- X" G ---
GUARDRAIL	--- o---o---o---o---o---	---
HARDSCAPE FEATURE (MATERIAL NOTED)	---	---
LIMITS OF DISTURBANCE	--- 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 ---
X" SANITARY SEWER (SIZE INCLUDED IF AVAILABLE)	--- X" S --- X" S ---	---
SILT FENCE	--- SF --- SF ---	--- SF --- SF ---
STORM (SIZE NOTED)	---	---
STREAM	---	---
STREET LIGHT CONDUIT	--- SL --- SL ---	--- SL --- SL ---
TELEPHONE (UNDERGROUND)	--- UGT ---	--- UGT ---
TREE LINE	---	---
TREE PROTECTION FENCE	--- TPF --- TPF ---	--- TPF --- TPF ---
WALL	---	---
WATER	---	---
X" WATER (SIZE INCLUDED IF AVAILABLE)	--- X" W --- X" W ---	--- X" W --- X" W ---

**SYMBOL LEGEND**

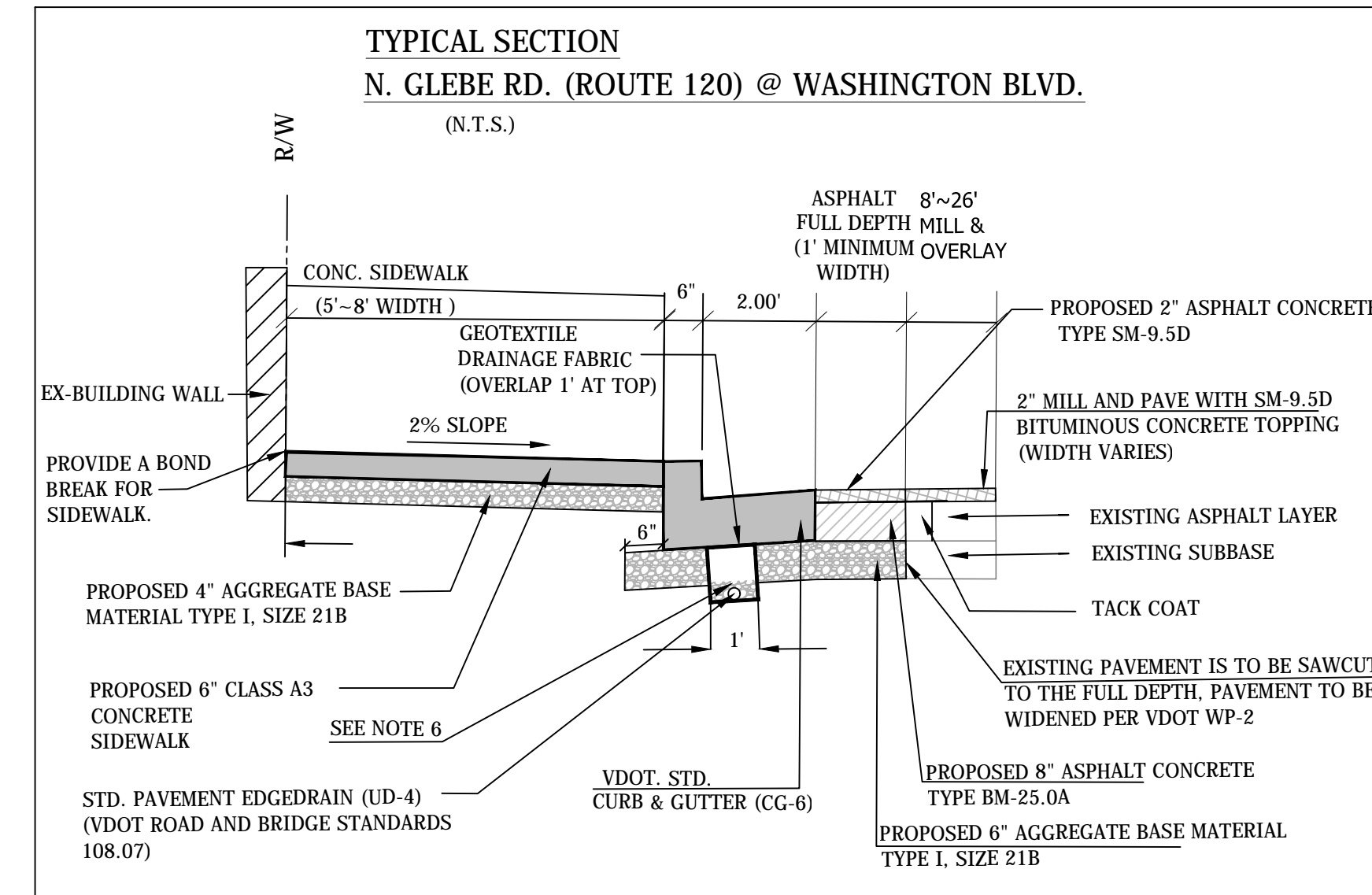
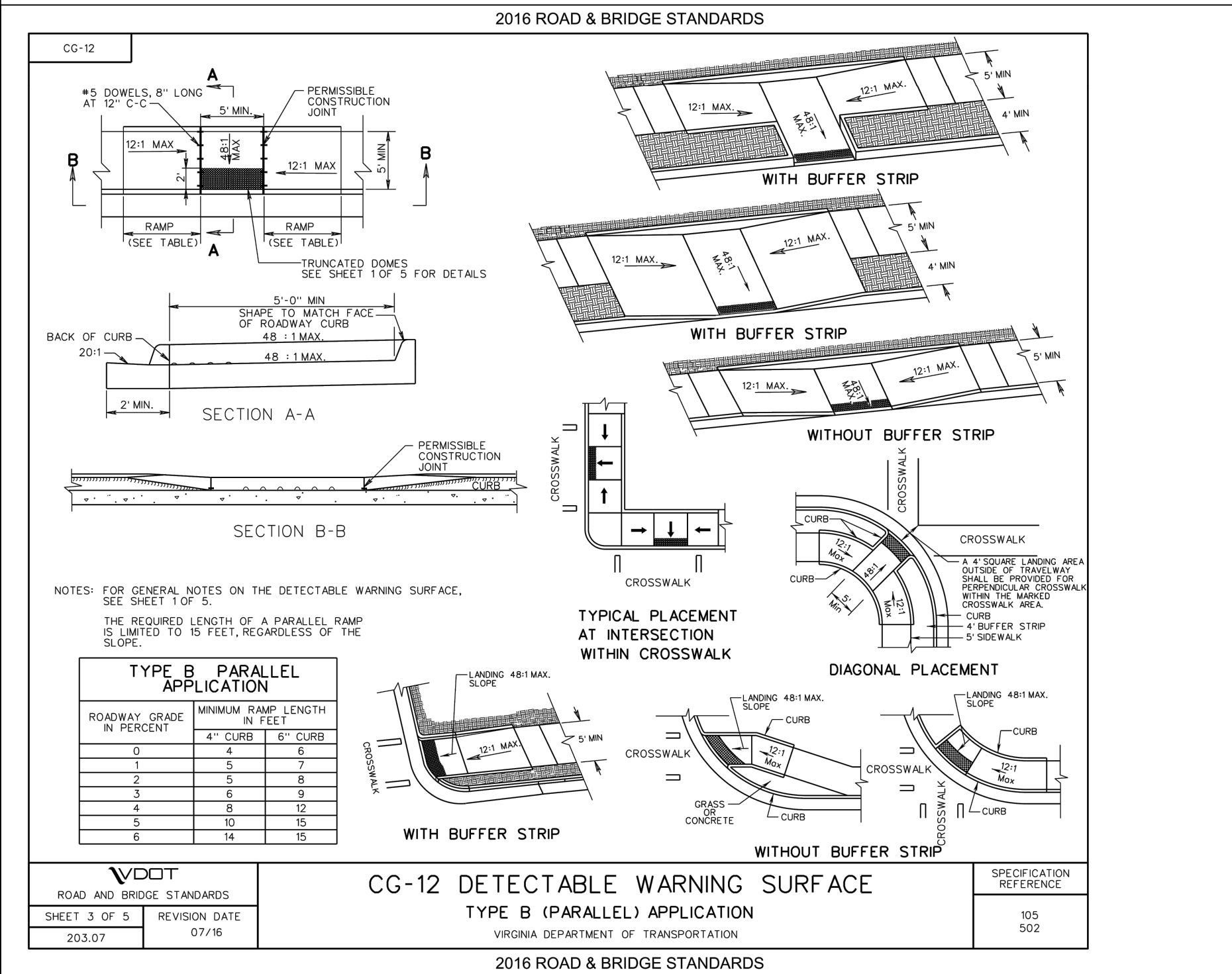
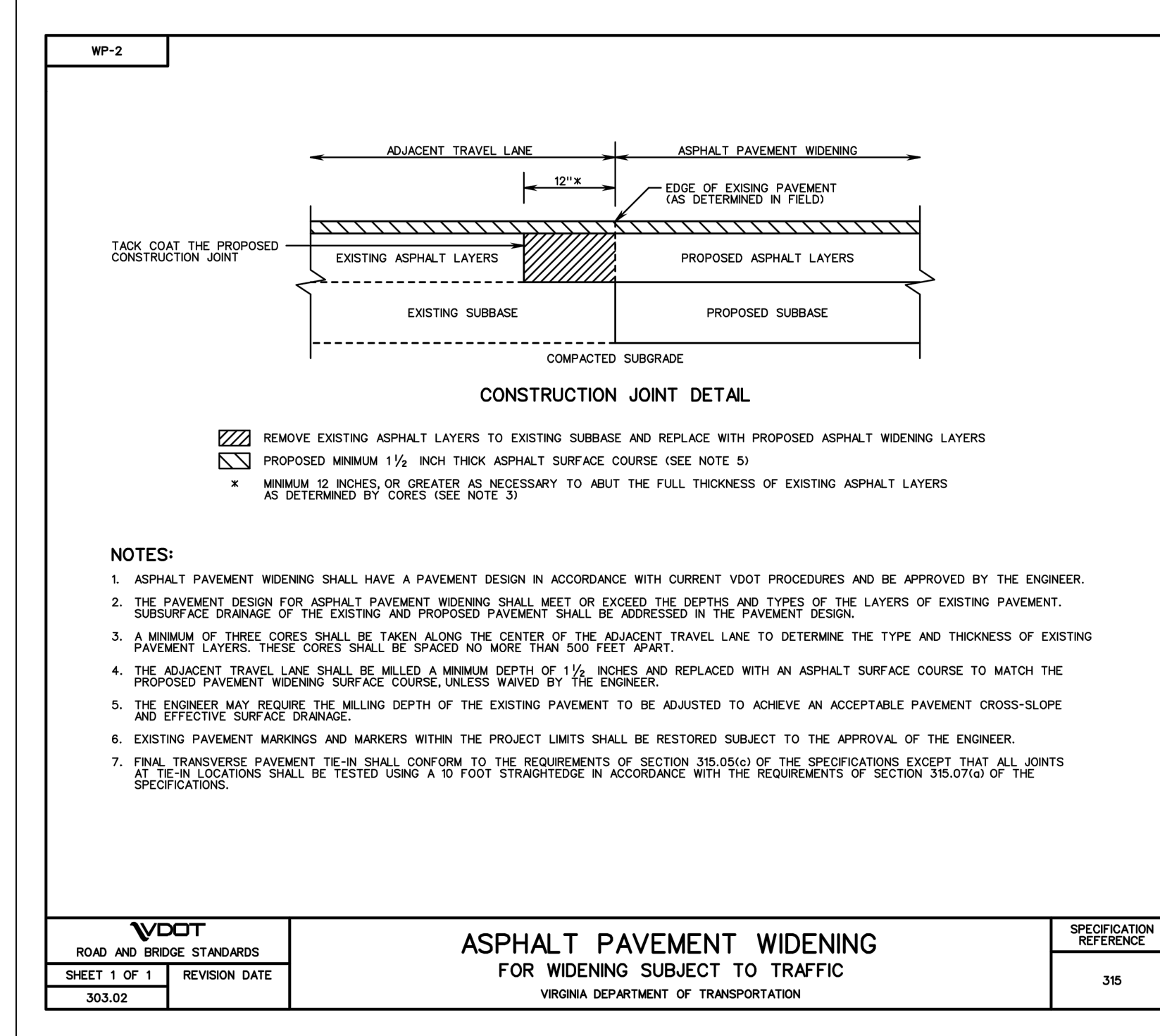
EXISTING	PROPOSED
EX BENCHMARK	PROP FIRE HYDRANT
EX CABLE PEDESTAL	PROP GAS VALVE
EX ELECTRIC BOX	PROP LIGHT POLE
EX FIRE HYDRANT	PROP PAY STATION
EX GAS VALVE	PROP SANITARY MANHOLE
EX GROUND LIGHT	PROP STORM CATCH BASIN (TO SCALE)
EX GUY WIRES	PROP STORM MANHOLE
EX IRON PIPE OR PIN	PROP TRAFFIC SIGN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

**HATCH LEGEND**

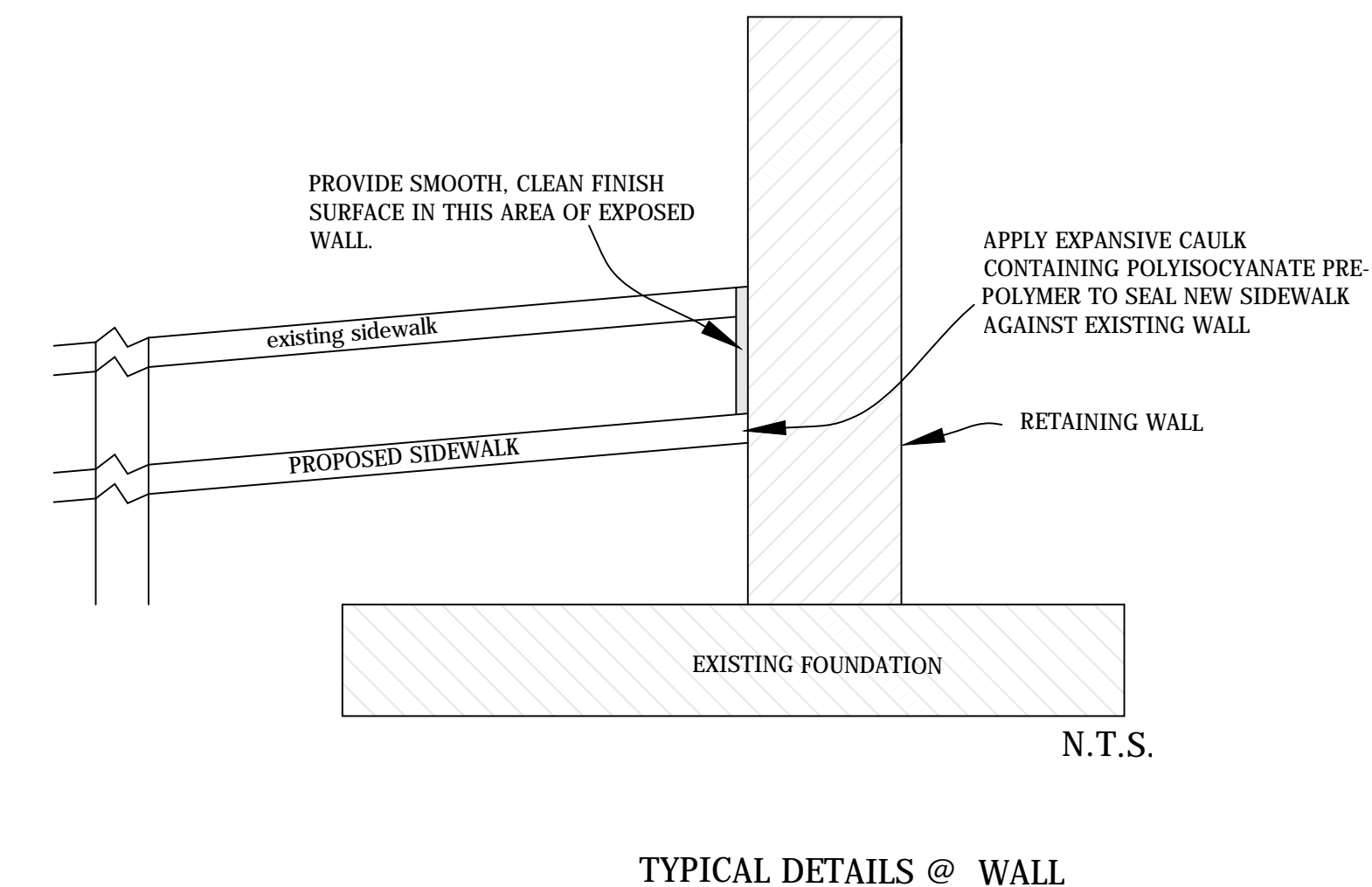
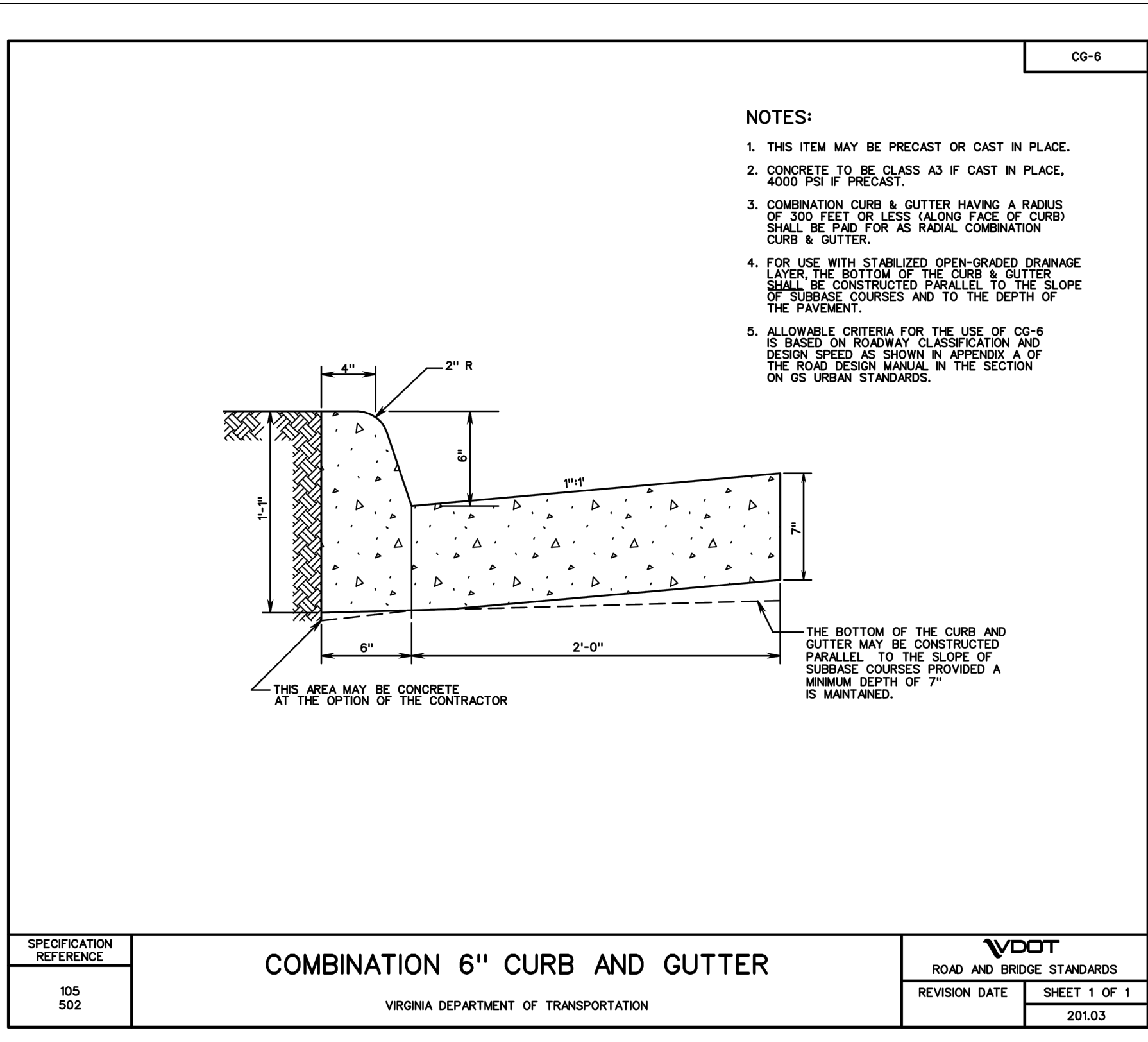
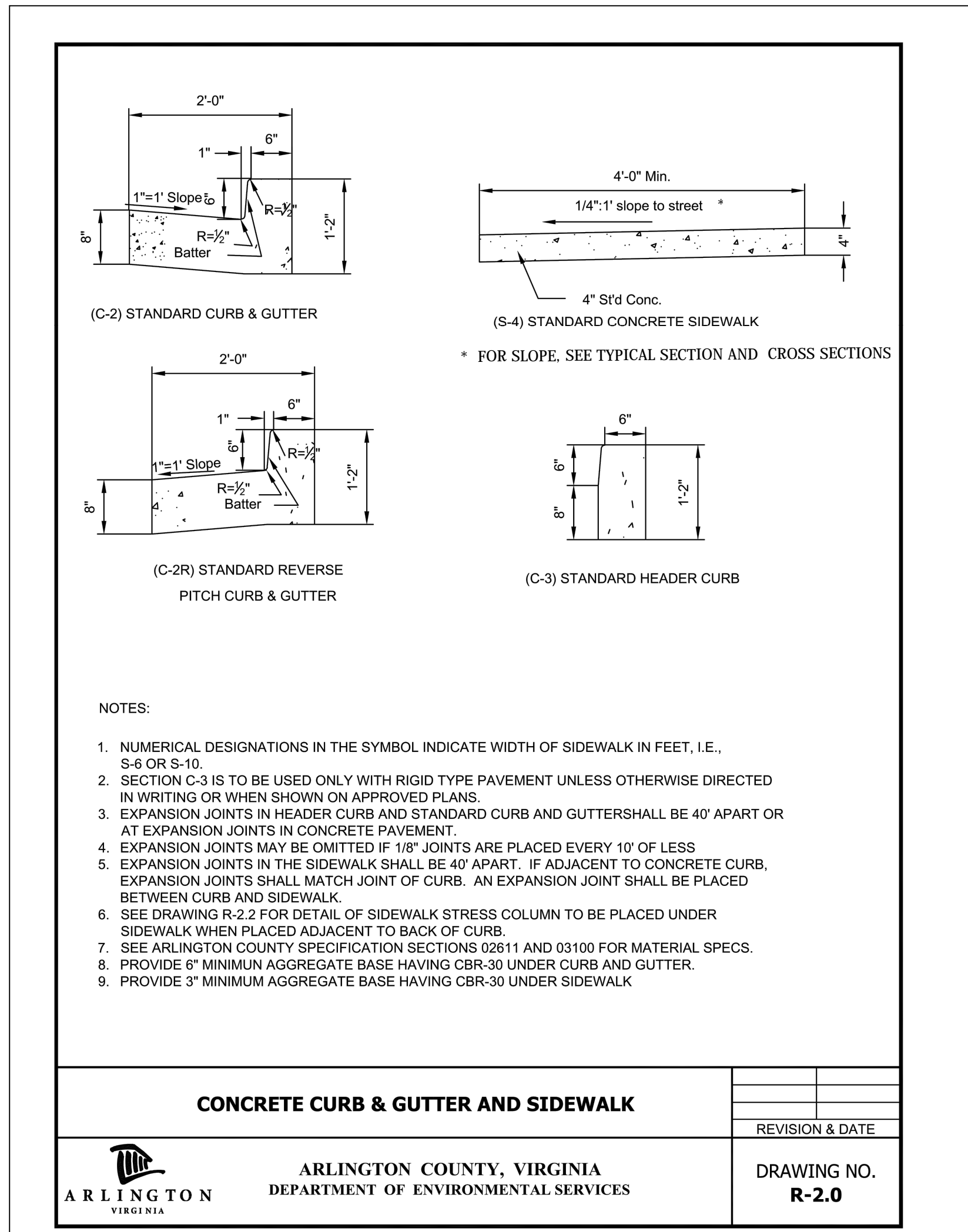
PROP MILL & OVERLAY SEE TYPICAL SECTION FOR DETAILS	
PROP FULL DEPTH ASPHALT SEE TYPICAL SECTION FOR DETAILS	
PROP CONCRETE	
REPLACE & MATCH EXISTING DRIVEWAY OR LEADWALK SEE CONSTRUCTION NOTES	
DEMOLITION AREA	

**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

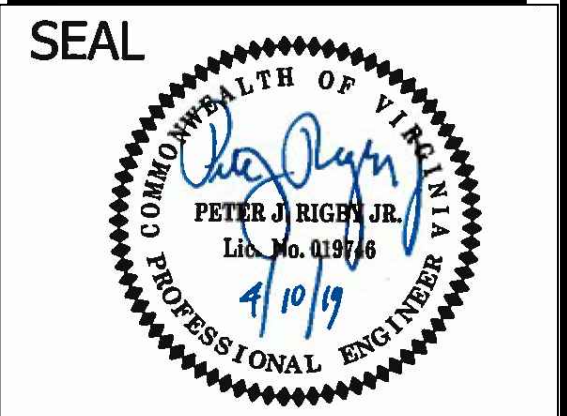


- NOTES:**
- ALL PAVEMENTS SHALL BE WIDENED IN ACCORDANCE WITH VDOT STANDARD WP-2. PROPOSED FULL DEPTH PAVEMENT REPLACEMENT SHALL MATCH EXISTING PAVEMENT IN ACCORDANCE WITH VDOT STANDARD WP-2.
  - AGGREGATE SUBBASE THICKNESS BENEATH THE WIDENED PAVEMENT SHALL BE AS INDICATED (6 INCHES) ON THIS SHEET OR MATCH THE EXISTING AGGREGATE BASE MATERIAL, WHICHEVER IS GREATER.
  - PROVIDE 1' WIDE GRADING BENCH BEHIND PROPOSED SIDEWALKS WHEN SPACE ALLOWS.
  - AS INDICATED IN TYPICAL SECTIONS, THE SUBBASE 21-B SHALL BE CONNECTED TO A VDOT STANDARDS UD-4 EDGE DRAIN LOCATED BENEATH THE PROPOSED CURB AND GUTTER, TO BE SECURELY CONNECTED TO OUTFALL AT AN ADJACENT DRAINAGE STRUCTURE.
  - THE ADJACENT TRAVEL LANE SHALL BE MILLED TO A DEPTH OF 2" AND REPLACED WITH 2" ASPHALT CONCRETE TYPE SM-9.5D.
  - 4" MINIMUM, PROVIDED ATTAINING MINIMUM 4" OF AGGREGATE ON TOP OF THE EDGEDRAIN.



- UTILITIES**
- THE UTILITY INFORMATION SHOWN ON THESE PLANS IS TAKEN FROM INFORMATION RECEIVED FROM DEPARTMENT OF ENVIRONMENTAL SERVICES WHICH DOES NOT GUARANTEE THAT THE UTILITY INFORMATION SHOWN ON THE PLANS IS COMPLETE OR ACCURATE. THE CONTRACTOR MUST VERIFY THE UTILITY LOCATIONS PRIOR TO CONSTRUCTION.
  - ALL EXISTING UNDERGROUND UTILITIES SHALL BE MARKED IN THE FIELD BY MISS UTILITY PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING THE FIELD MARKING OF UTILITIES WITH MISS UTILITY.
  - ALL EXISTING UNDERGROUND UTILITIES SHALL BE PHYSICALLY LOCATED BY THE CONTRACTOR PRIOR TO THE BEGINNING OF ANY CONSTRUCTION IN THE VICINITY OF THESE UTILITIES.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT EXISTING UTILITIES ARE DISCONNECTED, PRIOR TO CLEARING THE SITE OF TREES, BUILDINGS, FOUNDATIONS, ETC. WITHIN THE LIMITS OF CONSTRUCTION IN ACCORDANCE WITH THE REQUIREMENTS INDICATED ON THE CONSTRUCTION PLANS.
  - FOR MARKING LOCATIONS OF EXISTING UNDERGROUND UTILITY FACILITIES (GAS, TELEPHONE, ELECTRIC AND CABLE TV), CONTRACTOR SHALL CONTACT "MISS UTILITY" AT 811 OR 1-800-257-7777 48 HOURS PRIOR TO ANY EXCAVATION OR CONSTRUCTION.

UTILITY COMPANIES	OFFICE NUMBER	EMERGENCY NUMBER
COMCAST CABLE COMMUNICATIONS	(703) 567-4194	(703) 567-4600
DOMINION VIRGINIA POWER	(703) 838-2210	(703) 834-9660
PEPCO	(202) 872-2845	(202) 833-7500
WASHINGTON GAS	(703) 750-1000	(703) 750-4531
VERIZON	(703) 954-6811	(703) 954-6811
MISS UTILITY	1-800-257-7777	1-800-257-7777



APPROVALS	DATE
Quality Control Engineer	4/14/19
Construction Management Supervisor	4/19/19
Water, Sewer, Streets Bureau Chief	5/1/19
Transportation Director	4/17/19
Project Manager	4/17/19

REVISIONS	DATE

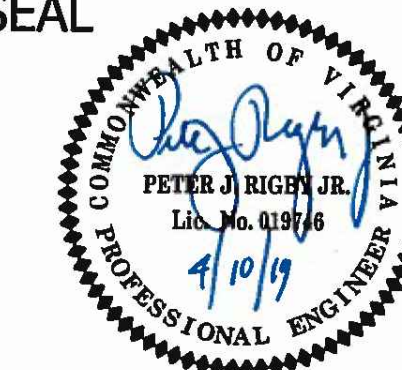
PROJECT NAME AND LOCATION  
N. GLEBE RD. & WASHINGTON BLVD.

DETAILS SHEET  
N. GLEBE RD. & WASHINGTON BLVD.  
NE CORNER AT INTERSECTION

DESIGNED: K.PATEL  
DRAWN: K.PATEL  
CHECKED: P.RIGBY  
MISS UTILITY TRANSMITTAL #: N/A  
FILENAME: P14D\_C-3-202-LEGEND.DWG  
PATH: Q:\DATA\PLANS\CORRIDOR IMPROVEMENTS\SITE C-3 N. GLEBE RD & WASHINGTON BLVD\PLANS\ACTIVE  
PLOTTED: MAY 28 2019  
PLOTTED BY: K.PATEL

SCALE: AS NOTED

SEAL



APPROVALS DATE

<i>[Signature]</i>	4/16/19
QUALITY CONTROL ENGINEER	
<i>[Signature]</i>	4/19/19
CONSTRUCTION MANAGEMENT SUPERVISOR	
<i>[Signature]</i>	5/11/19
WATER, SEWER, STREETS BUREAU CHIEF	
<i>[Signature]</i>	4/17/19
TRANSPORTATION DIRECTOR	
<i>[Signature]</i>	4/17/19
PROJECT MANAGER	

REVISIONS DATE

REVISIONS	DATE

PROJECT NAME AND LOCATION

N. GLEBE RD. & WASHINGTON BLVD.

EXISTING CONDITIONS

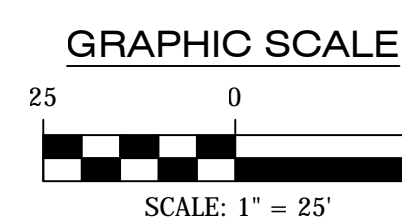
N. GLEBE RD. & WASHINGTON BLVD.  
NE CORNER AT INTERSECTION

P14D

DESIGNED: K. PATEL  
DRAWN: K. PATEL  
CHECKED: P. RIGBY  
MISS UTILITY TRANSMITTAL #: N/A

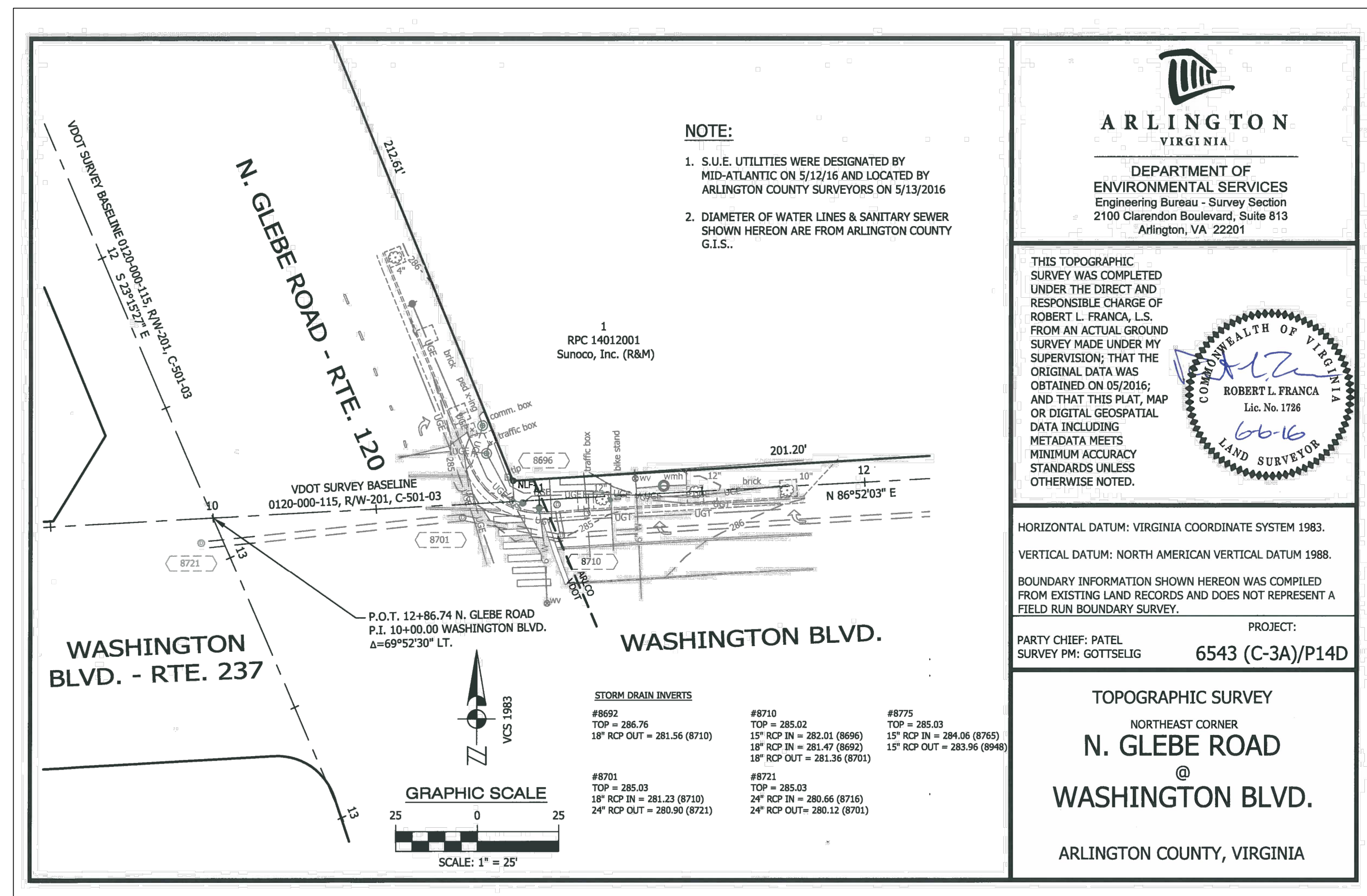
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WASHINGTON BLVD\CD\PLANS\ACTIVE  
PLOTTED: MAY 28 2019  
PLOTTED BY: K.PATEL

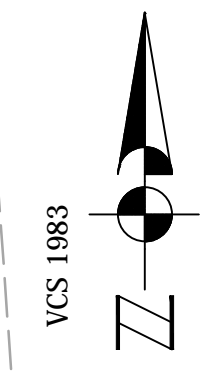
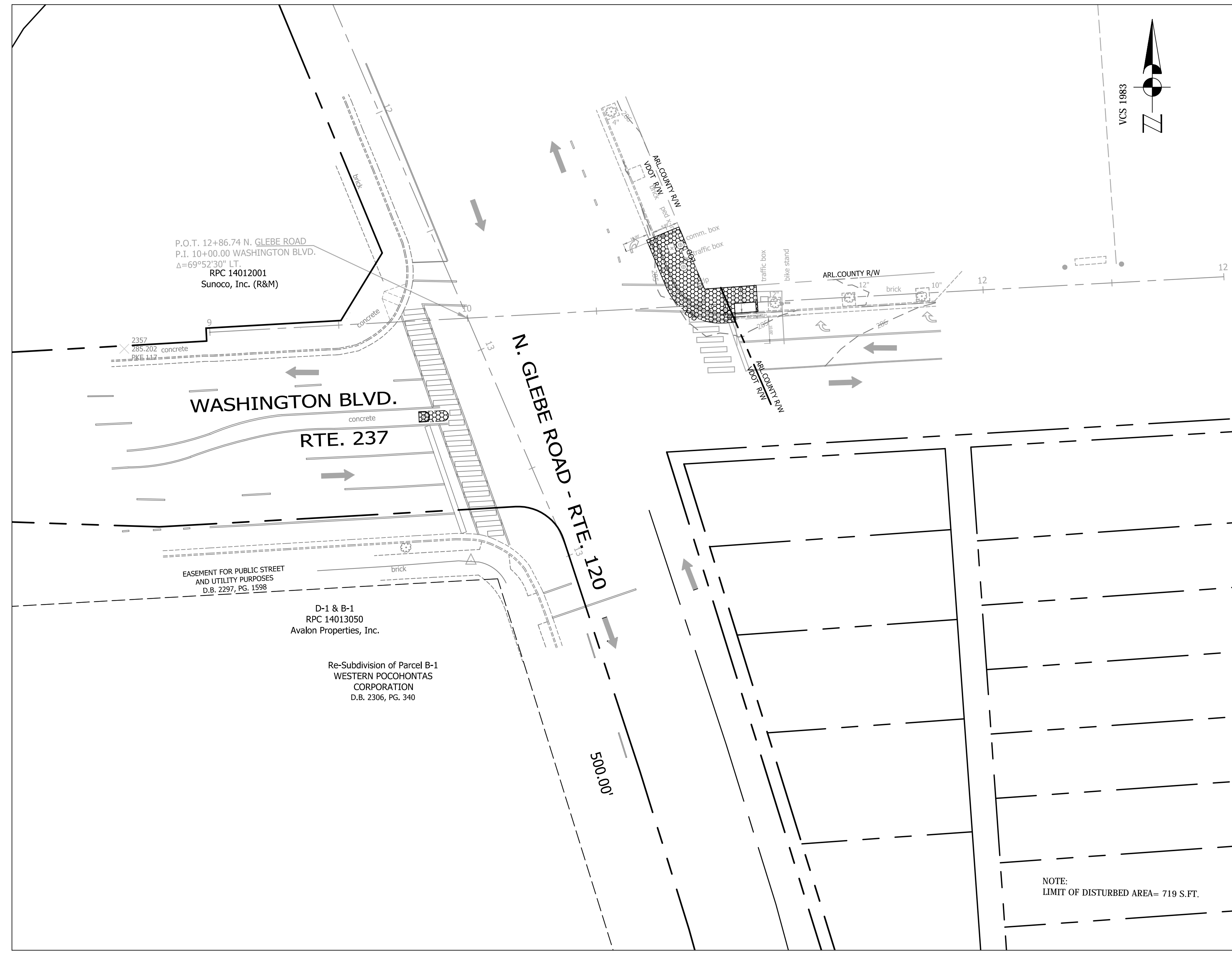
SCALE: AS NOTED



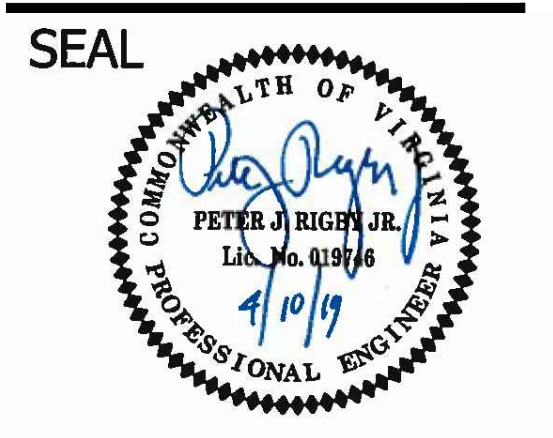
SHEET

4 OF 13





NOTE:  
PLEASE SEE SHEET # 2 . FOR HATCH  
LEGEND, OTHER DETAILS.



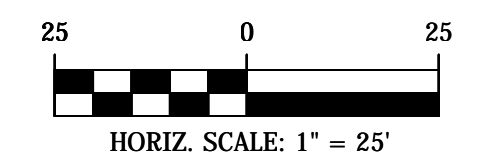
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TRANSPORTATION DIRECTOR	
<i>[Signature]</i>	4/17/19
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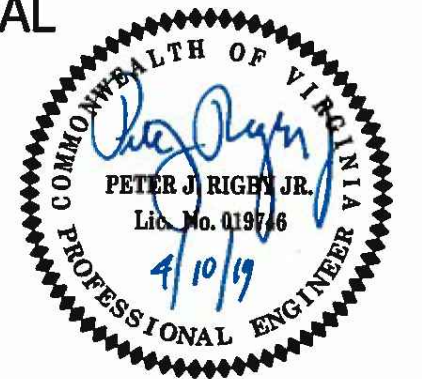
PROJECT NAME AND LOCATION  
N. GLEBE RD. & WASHINGTON BLVD.  
**DEMOLITION PLAN**  
N. GLEBE RD. & WASHINGTON BLVD.  
NE CORNER AT INTERSECTION

DESIGNED: K. PATEL  
DRAWN : K. PATEL  
CHECKED : P. RIGBY  
MISS UTILITY TRANSMITTAL #: N/A  
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PLOTTED: MAY 28 2019  
PLOTTED BY: KPATEL

SCALE: AS NOTED





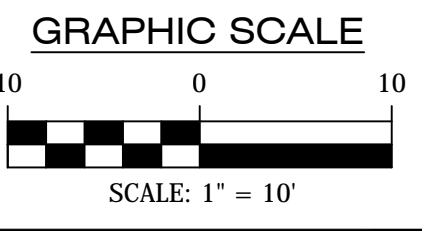


QUALITY CONTROL ENGINEER	4/16/19
CONSTRUCTION MANAGEMENT SUPERVISOR	4/19/19
WATER, SEWER, STREETS BUREAU CHIEF	5/1/19
TRANSPORTATION DIRECTOR	4/17/19
PROJECT MANAGER	4/17/19

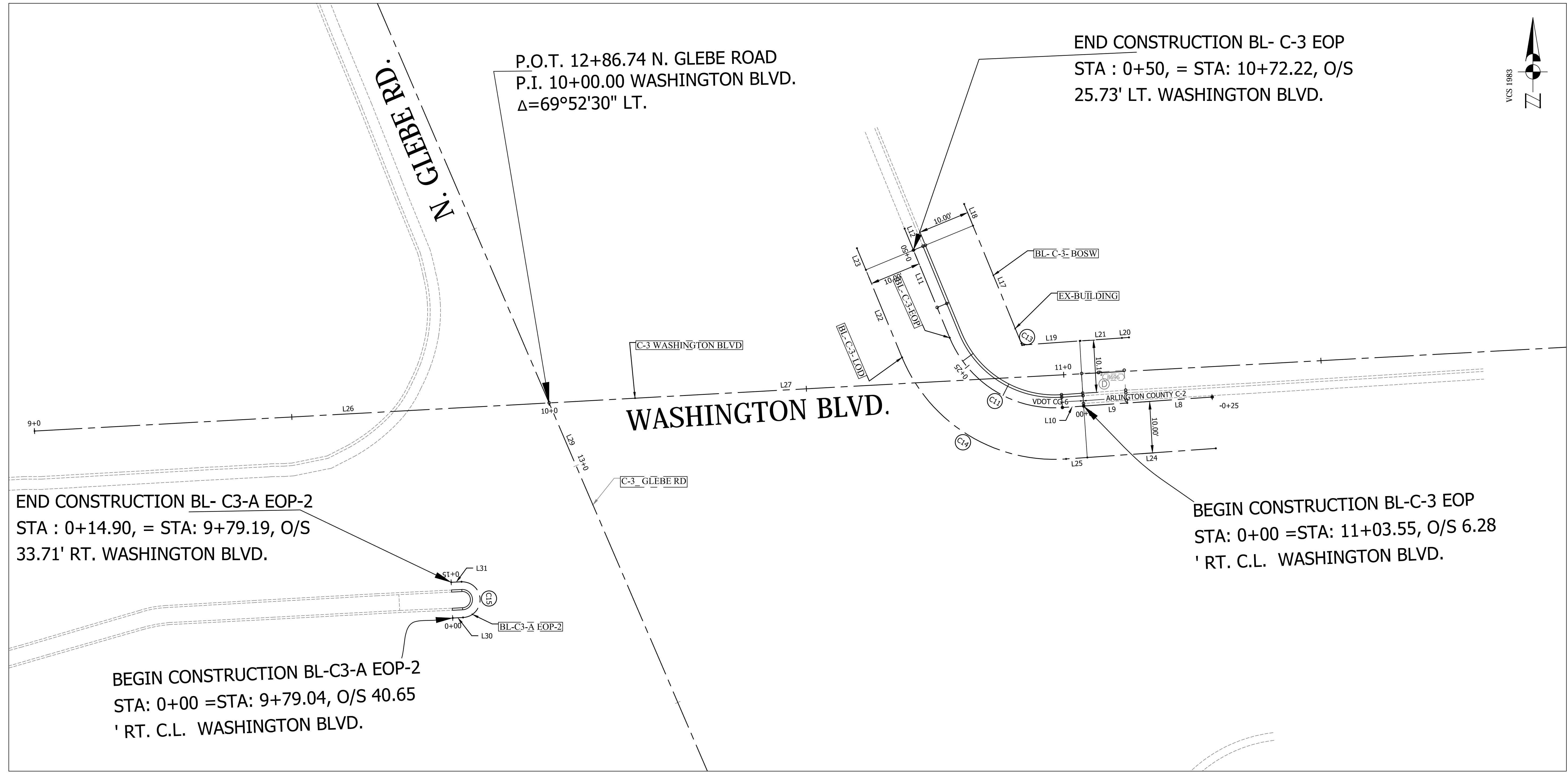
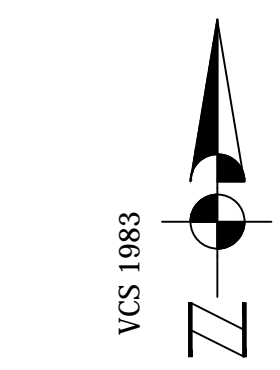

PROJECT NAME AND LOCATION  
N. GLEBE RD. & WASHINGTON BLVD.  
GEOMETRIC CONTROL  
N. GLEBE RD. & WASHINGTON BLVD.  
NE CORNER AT INTERSECTION

DESIGNED: K. PATEL  
DRAWN: K. PATEL  
CHECKED: P. RIGBY  
MISS UTILITY TRANSMITTAL #: N/A  
FILENAME: P14D\_C3-122-CORRIDOR.DWG  
PATH: Q:\DATA\PI4D\_08 CORRIDOR IMPROVEMENTS\SITE C-3 N GLEBE ROAD & WASHINGTON BLVD\PI4D.DWG  
PLOTTED MAY 28 2019  
PLOTTED BY: K.PATEL

SCALE: AS NOTED



SHEET



BL- C-3-EOP							
	Length	Radius	Line/Chord Direction	Station (Start)	Station (End)	Northing, Easting (Start)	Northing, Easting (End)
C11	27.48	22.00	N58° 14' 28.13"W	0+04.13	0+31.61	7008495.67, 11876580.10	7008509.21, 11876558.23
L8	16.53		S85° 58' 50.18"W	-0+25.00	-0+08.47	7008497.71, 11876609.16	7008496.55, 11876592.67
L9	8.47		S85° 58' 50.18"W	-0+08.47	0+00.00	7008496.55, 11876592.67	7008495.96, 11876584.23
L10	4.13		S85° 58' 50.18"W	0+00.00	0+04.13	7008495.96, 11876584.23	7008495.67, 11876580.10
L11	18.39		N22° 27' 46.44"W	0+31.61	0+50.00	7008509.21, 11876558.23	7008526.20, 11876551.20
L12	4.53		N22° 27' 46.44"W	0+50.00	0+54.53	7008526.20, 11876551.20	7008530.39, 11876549.47

BL- C-3- BOSW							
	Length	Radius	Line/Chord Direction	Station (Start)	Station (End)	Northing, Easting (Start)	Northing, Easting (End)
C13	0.63	0.50	N58° 13' 34.13"W	0+10.98	0+11.60	7008507.82, 11876572.64	7008508.13, 11876572.14
L17	24.69		N22° 21' 49.35"W	0+11.60	0+36.29	7008508.13, 11876572.14	7008530.96, 11876562.75
L18	4.53		N22° 21' 49.35"W	0+36.29	0+40.82	7008530.96, 11876562.75	7008535.15, 11876561.02
L19	10.84		S85° 54' 41.08"W	0+00.13	0+10.98	7008508.59, 11876583.46	7008507.82, 11876572.64
L20	1.38		S85° 54' 41.08"W	-0+09.45	-0+08.07	7008509.27, 11876593.01	7008509.17, 11876591.64

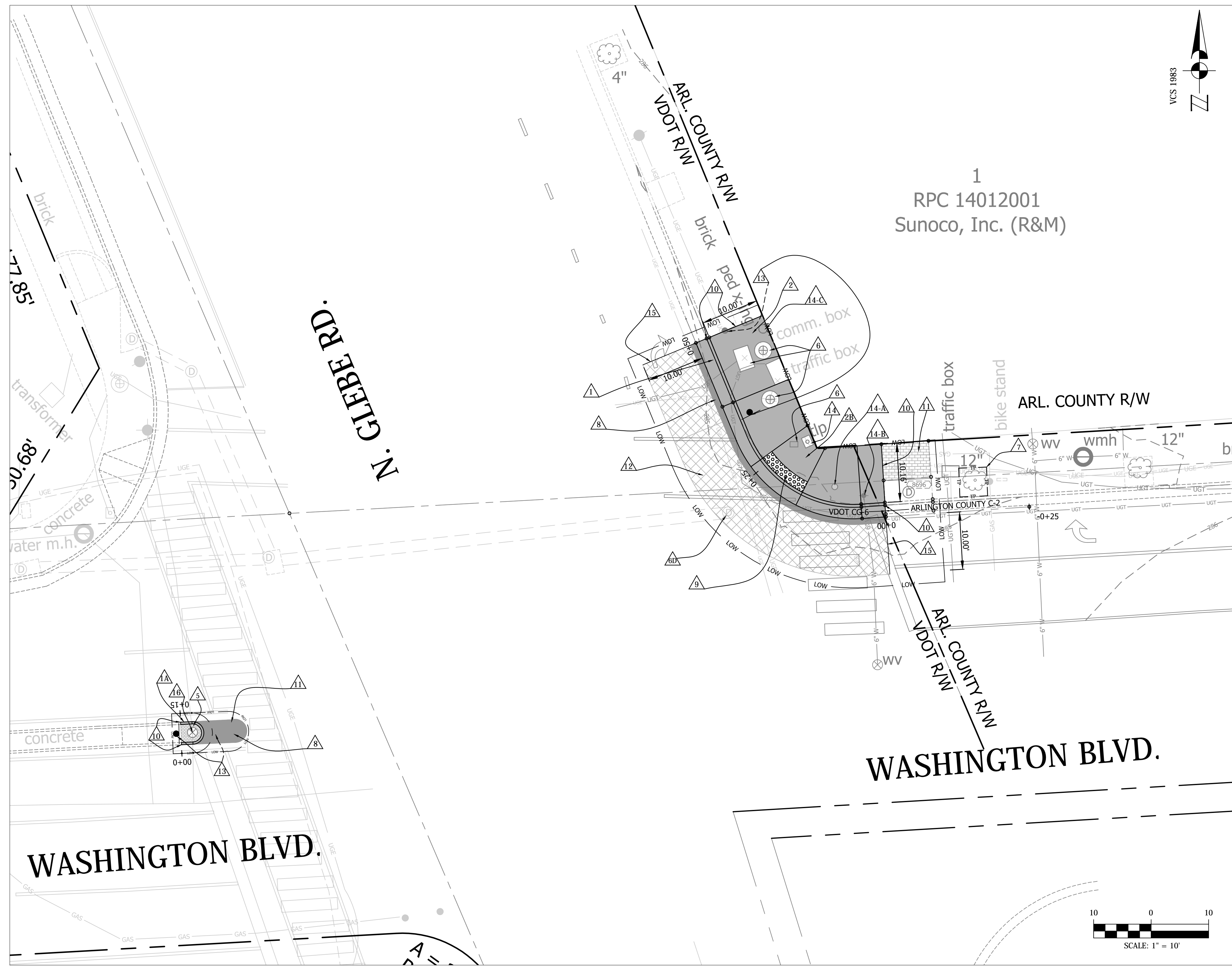
BL- C-3- LOD							
	Length	Radius	Line/Chord Direction	Station (Start)	Station (End)	Northing, Easting (Start)	Northing, Easting (End)
C14	39.97	32.00	N58° 14' 08.36"W	0+29.13	0+69.11	7008485.69, 11876580.80	7008505.39, 11876548.98
L22	18.39		N22° 27' 06.90"W	0+69.11	0+87.49	7008505.39, 11876548.98	7008522.38, 11876541.96
L23	4.53		N22° 27' 06.90"W	0+87.49	0+92.02	7008522.38, 11876541.96	7008526.57, 11876540.23
L24	25.00		S85° 58' 50.18"W	0+00.00	0+25.00	7008487.73, 11876609.86	7008485.98, 11876584.93
L25	4.13		S85° 58' 50.18"W	0+25.00	0+29.13	7008485.98, 11876584.93	7008485.69, 11876580.80

BL-C3-A EOP-2							
	Length	Radius	Line/Chord Direction	Station (Start)	Station (End)	Northing, Easting (Start)	Northing, Easting (End)
C15	10.90	3.47	N2° 26' 20.28"W	0+02.00	0+12.90	7008454.92, 11876463.79	7008461.85, 11876463.50
L30	2.00		N87° 33' 39.72"E	0+00.00	0+02.00	7008454.92, 11876463.79	7008454.92, 11876463.79
L31	2.00		S87° 33' 39.72"W	0+12.90	0+14.90	7008461.85, 11876463.50	7008461.77, 11876461.50

C-3 WASHINGTON BLVD							
	Length	Radius	Line/Chord Direction	Station (Start)	Station (End)	Northing, Easting (Start)	Northing, Easting (End)
L26	100.00		N86° 52' 02.52"E	9+00.00	10+00.00	7008491.10, 11876380.65	7008496.57, 11876480.50
L27	293.42		N86° 52' 02.52"E	10+00.00	12+93.42	7008496.57, 11876480.50	7008512.60, 11876773.48

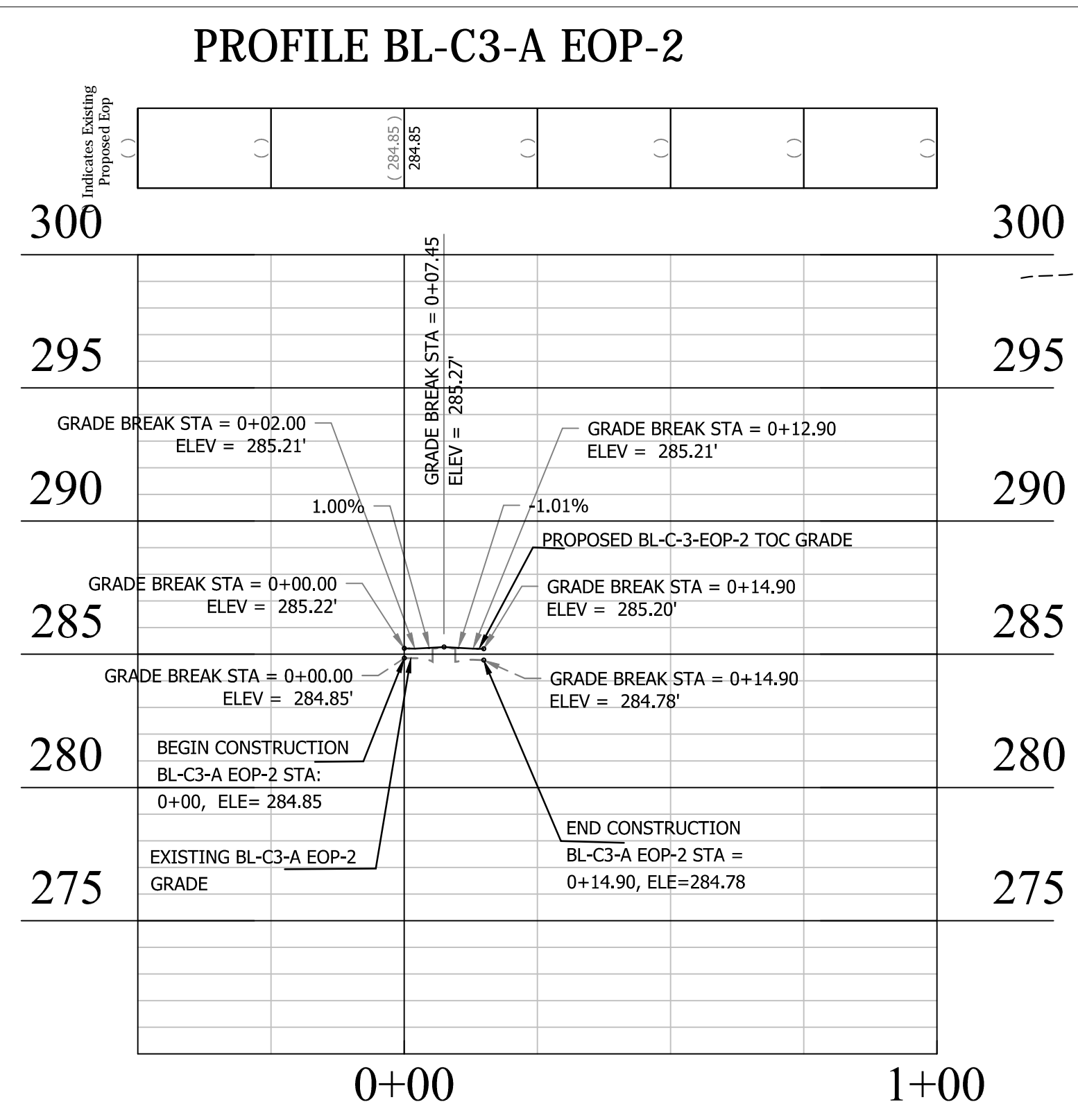
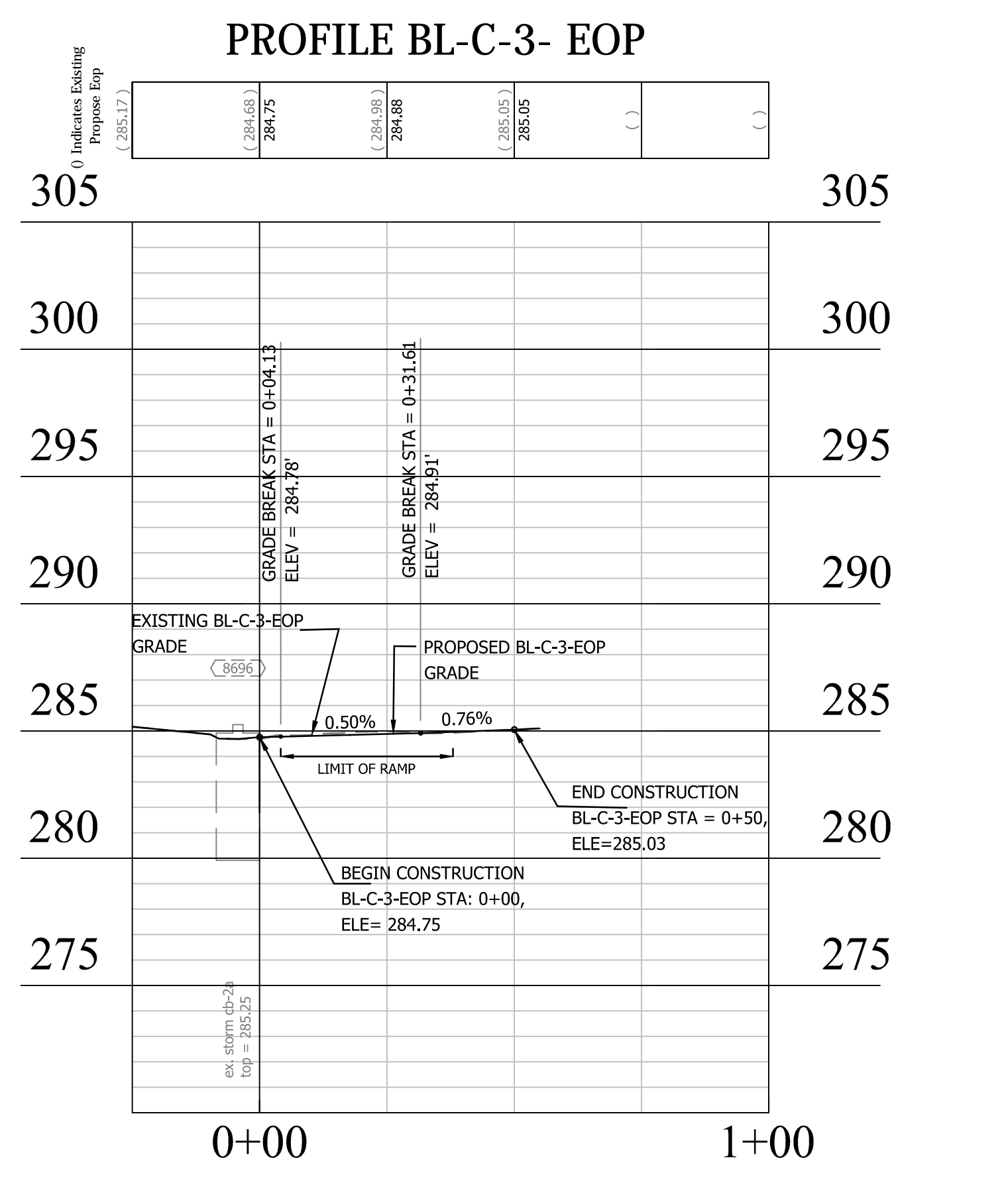
C-3_ GLEBE RD							
	Length	Radius	Line/Chord Direction	Station (Start)	Station (End)	Northing, Easting (Start)	Northing, Easting (End)
L28	251.74		S23° 15' 27.48"E	10+35.00	12+86.74	7008727.85, 11876381.10	7008496.57, 11876480.50
L29	100.00		S23° 15' 27.48"E	12+86.74	13+86.74	7008496.57, 11876480.50	7008404.69, 11876519.99

CONTROL				
POINT #	NORTHING	EASTING	ELEV.	DESC.
71	7008402.6700	11876481.7800	284.15	PK NAIL
72	7008184.9200	11876667.0200	278.40	PK NAIL
74	7008093.6100	11876596.8900	276.10	PK NAIL



NOTE:  
 PROJECT MANAGER: RICHARD VIOLA, ARLINGTON COUNTY, 703-228-3699  
 SURVEYED BY: COUNTY SURVEYOR, ARLINGTON COUNTY, 703-228-7496  
 DESIGNED BY: K. PATEL, ARLINGTON COUNTY, 703-228-3503  
 SUBSURFACE UTILITY  
 DATA PROVIDED BY : ARLINGTON COUNTY, ARLINGTON COUNTY, 703-228-7496

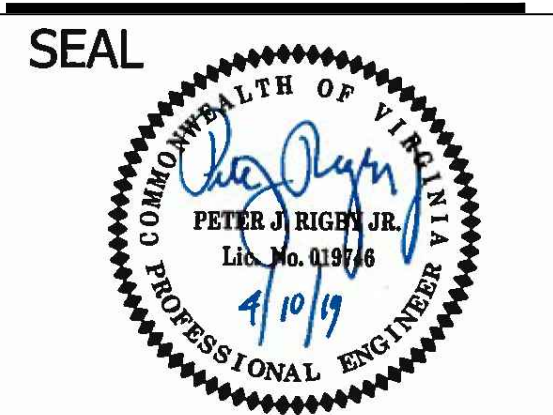
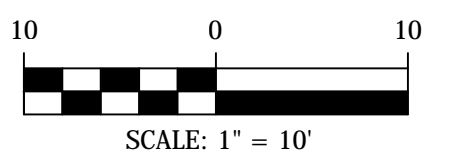
**ARLINGTON VIRGINIA**  
 DEPARTMENT OF ENVIRONMENTAL SERVICES  
 FACILITIES & ENGINEERING DIVISION  
 ENGINEERING BUREAU  
 2100 CLARENDON BOULEVARD, SUITE 813  
 ARLINGTON, VA 22201  
 PHONE: 703.228.3629  
 FAX: 703.228.3606



- CONSTRUCTION NOTES**
- 1 NEW CURB AND GUTTER (CG-6) VDOT STANDARD (201.03)
  - 1A NEW HEADER CURB (C-3) ARLINGTON COUNTY STANDARD (R-2.0)
  - 2 NEW CONCRETE SIDEWALK, 6" CLASS A3 (MODIFIED AS PER TYPICAL SECTION DETAILS, SHEET # 3). CONTRACTOR TO PROVIDE A BOND BREAK FOR SIDEWALK, & ENSURE EXISTING FOUNDATION.
  - 2B NEW CURB RAMP (CG-12 B MOD.) VDOT ROAD & BRIDGE STANDARDS (203.07)
  - 3 REMOVE AND RESET BRICK PAVERS, (ARLINGTON COUNTY DETAIL R-2.1. INCLUDE ALL MATERIALS AS SHOWN IN DETAILS)
  - 6 UTILITY MANHOLE OR TRAFFIC BOX, VERTICAL ADJUSTMENT TO NEW GRADE (ARLINGTON COUNTY DETAIL S-2.5 TYPE A)
  - 6B ADJUST EXISTING STORM SEWER MH TOP TO PROPOSED GRADE
  - 7 PROTECT TREE DURING CONSTRUCTION OF PROPOSED WORK AS SHOWN. CALL URBAN FORESTER (703-228-6557) PRIOR TO BEGINNING WORK ADJACENT TO TREE
  - 8 PROPOSED ASPHALT - FULL DEPTH REPLACEMENT AS PER TYPICAL VDOT STANDARD (SEE DETAILS ON SHEET 3 OF 13)
  - 9 PROPOSED DETECTABLE WARNING SURFACE DARK GRAY COLOR PER VDOT ROAD & BRIDGE STANDARDS (203.05).
  - 10 MATCH EXISTING T.O.C. OR SIDEWALK GRADE. (CLEAN LINE SAW CUT AND PAVEMENT RESET BE NEEDED.)

- 11 REMOVE AND MATCH EXISTING SIDEWALK/ MEDIAN FROM CROSS WALK & REPLACE WITH LIKE MATERIAL.
- 12 ASPHALT - MILL AND OVERLAY (1/2" TO 3") PER VDOT TYPICAL SECTION. (SEE DETAILS ON SHEET 3 OF 13)
- 13 RELOCATE TRAFFIC CONTROL SIGNS, WITH NEW POST (D1-3B) INSTALL PER DETAIL (SG-1.0) SEE SHEET # 11 (R4-7, W11-2) CALL ARLINGTON COUNTY TRAFFIC DIVISION TO RELOCATE.
- 14 EXISTING TRAFFIC POLE TO BE REMAIN.
- 14-A EXISTING STREET LIGHT TO BE REMAIN.
- 14-B EXISTING FIRE HYDRANT TO BE REMAIN.
- 14-C EXISTING VEPCO METER TO BE REMAIN.
- 15 PROVIDE CONSTRUCTION JOINT AS PER VDOT R&B. STD. 303.02, WP-2 (SEE DETAILS ON SHEET 3 OF 13)
- 16 ADJUST WATER VALVE BOX VERTICAL TO PROPOSED GRADE

NOTE:  
 THE CONTRACTOR IS RESPONSIBLE FOR ALL COSTS INVOLVED WITH REPLACING ANY TRAFFIC DETECTION LOOPS THAT ARE DAMAGED DURING CONSTRUCTION. THE CONTRACTOR SHALL INSTALL REPLACEMENT CONDUIT STUB OUTS. THE CONTRACTOR SHALL COORDINATE WITH DES-TRAFFIC ENGINEERING AND OPERATIONS (703-228-3864) FOR SPlicing OF LOOPS AND INSPECTIONS FOLLOWING INSTALLATION.



**APPROVALS**

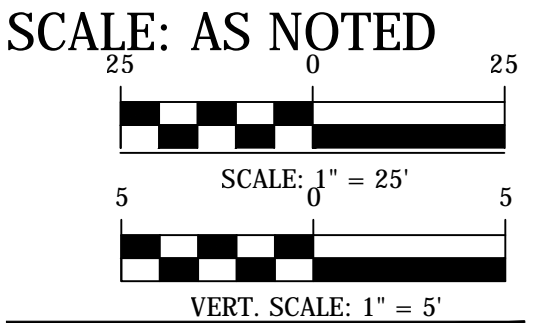
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[Signature]	4/16/19
[Signature]	5/1/19
[Signature]	4/17/19
[Signature]	4/17/19

**REVISIONS**

NO.	DATE	DESCRIPTION

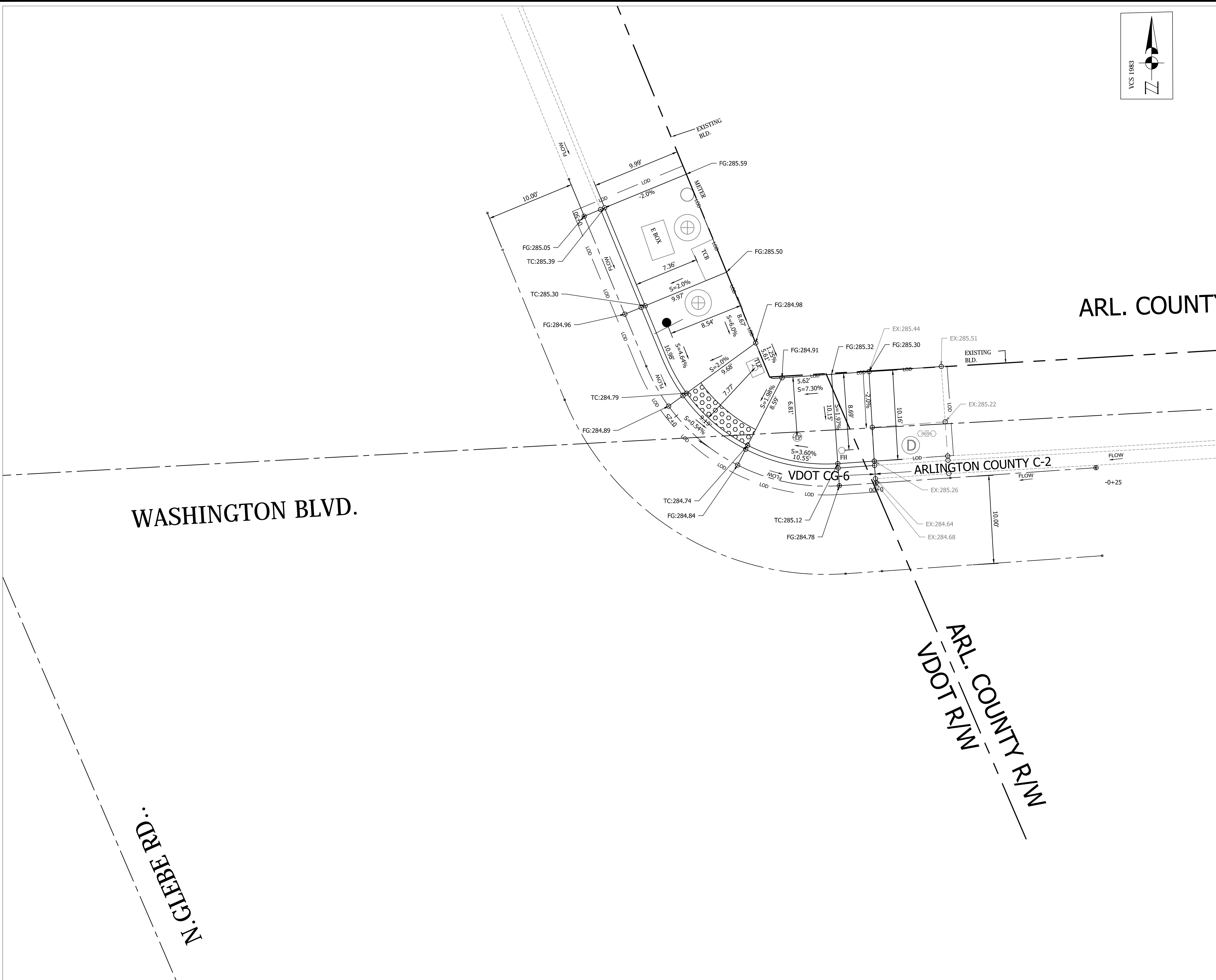
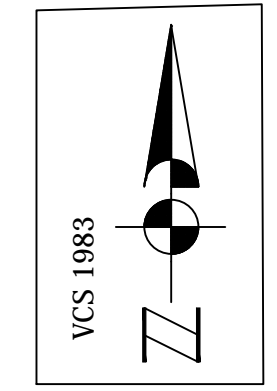
**PROJECT NAME AND LOCATION**  
 N. GLEBE RD. & WASHINGTON BLVD.  
**PLAN AND PROFILE**  
 N. GLEBE RD. & WASHINGTON BLVD.  
 NE CORNER AT INTERSECTION

DESIGNED: K. PATEL  
 DRAWN: P. RIGBY  
 CHECKED: P. RIGBY  
 MISS UTILITY TRANSMITTAL #: N/A  
 FILENAME: P14D\_C3-122-CORRIDOR.DWG  
 PATH: Q:\DATA\PI4D\_03 CORRIDOR IMPROVEMENTS\SITE C-3 N GLEBE ROAD & WASHINGTON BLVD\PI4D\PROJECTIVE  
 PLOTTED MAY 28 2019  
 PLOTTED BY: KPATEL



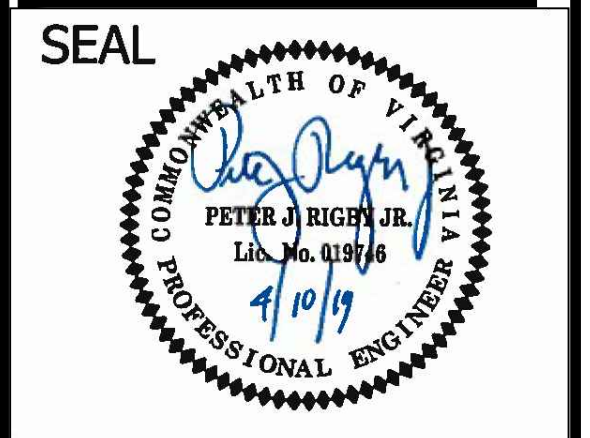
**SHEET**  
 8 OF 13





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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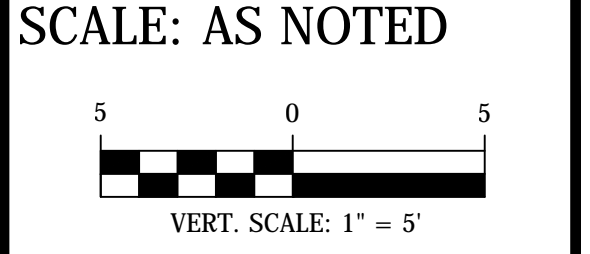


APPROVALS	DATE
<i>[Signature]</i>	4/14/19
QUALITY CONTROL ENGINEER	
<i>[Signature]</i>	4/19/19
CONSTRUCTION MANAGEMENT SUPERVISOR	
<i>[Signature]</i>	5/1/19
WATER, SEWER, STREETS BUREAU CHIEF	
<i>[Signature]</i>	4/17/19
TRANSPORTATION DIRECTOR	
<i>[Signature]</i>	4/17/19
PROJECT MANAGER	

REVISIONS	DATE

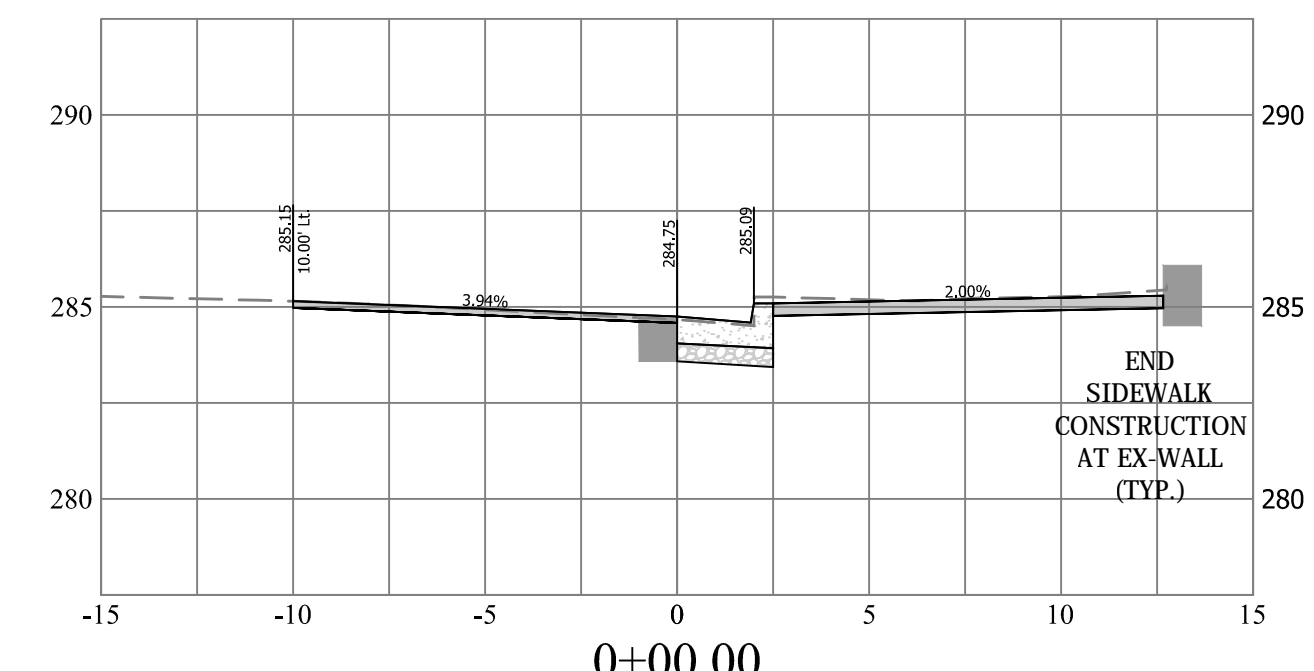
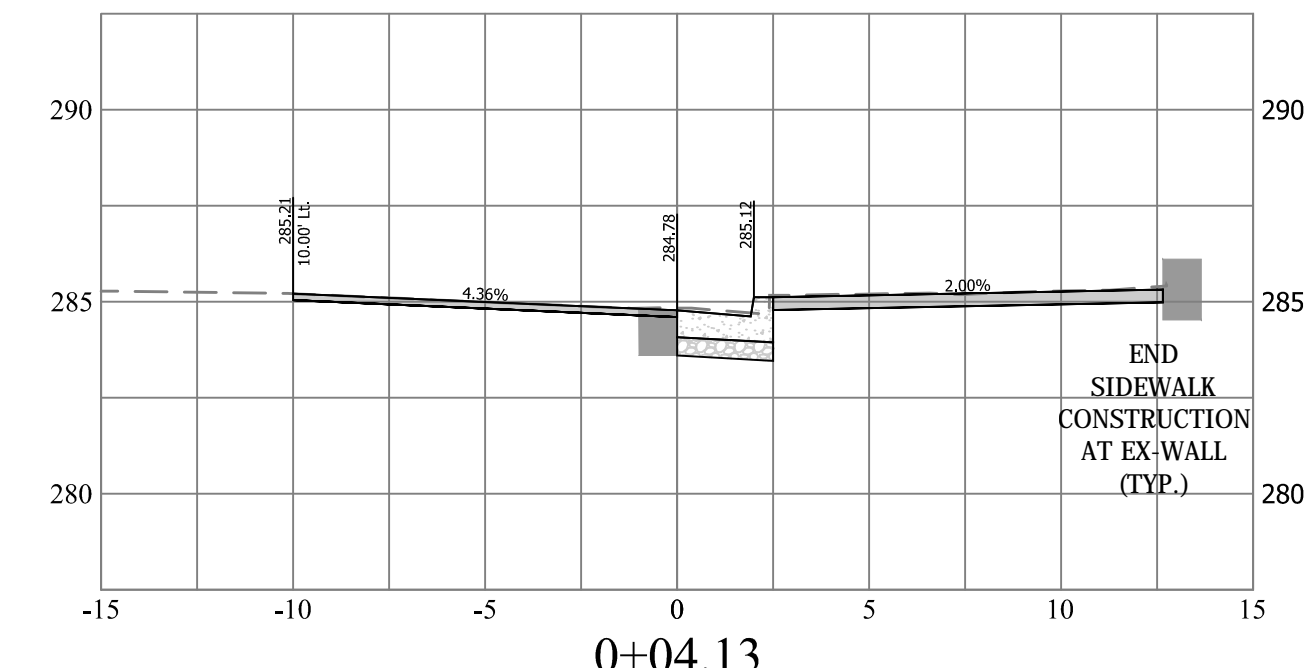
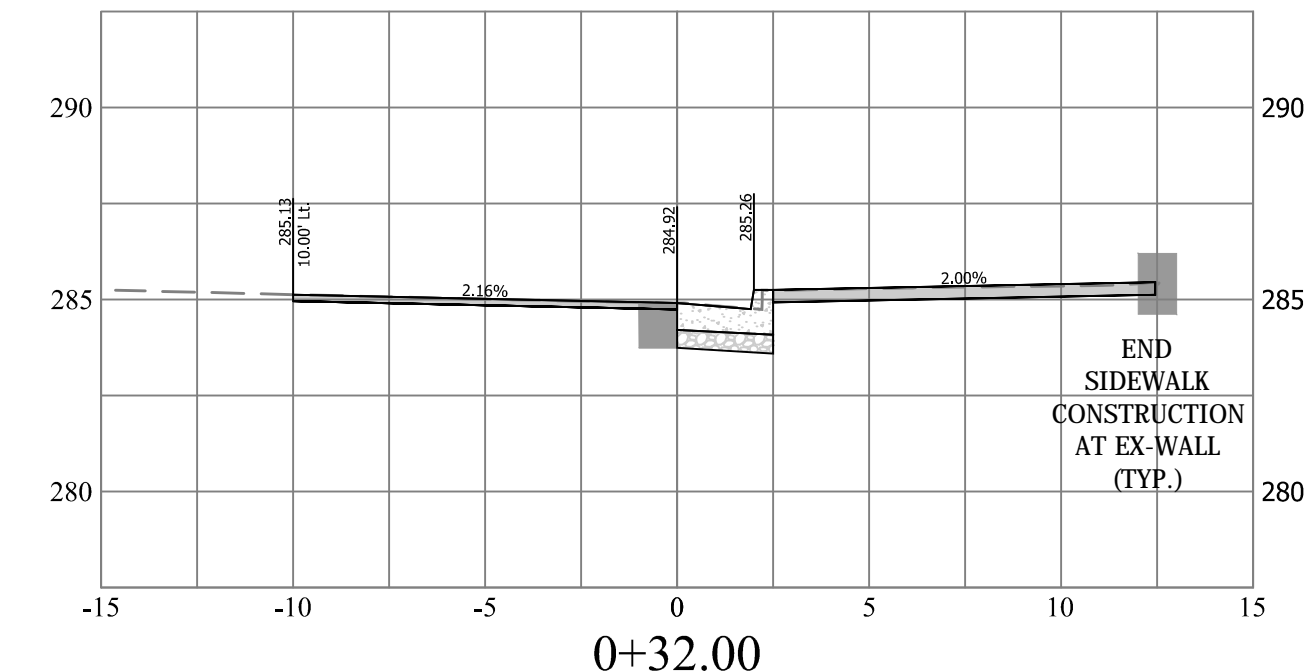
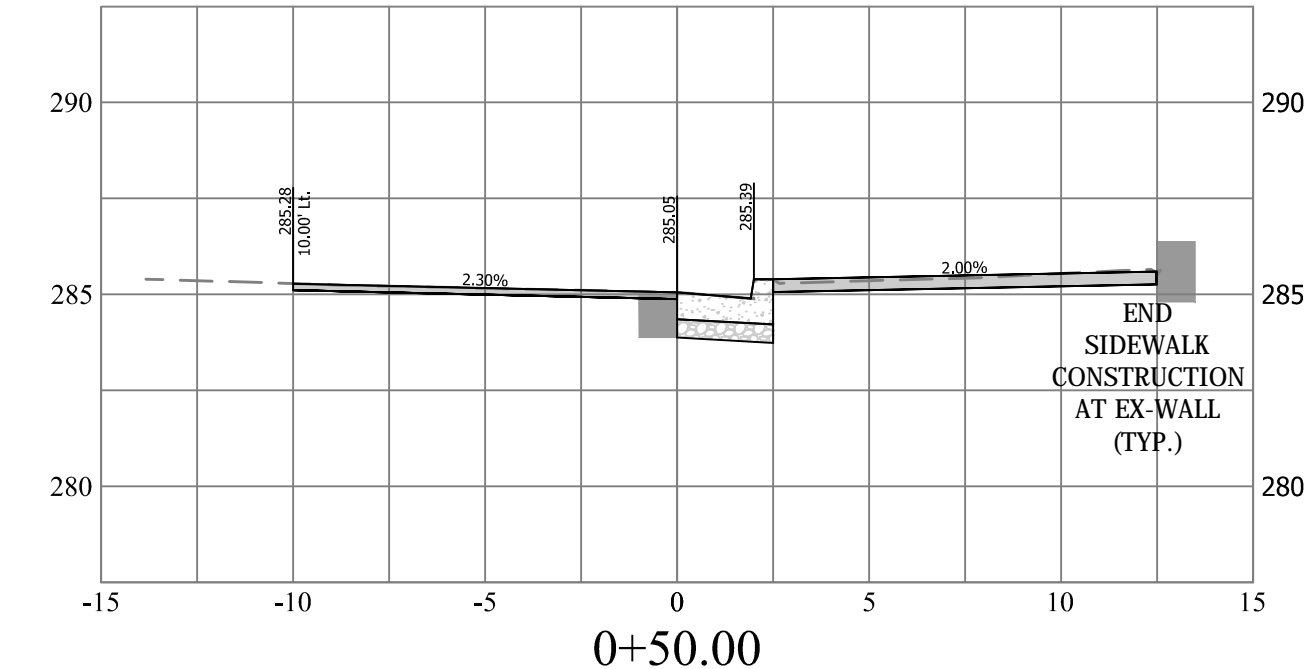
PROJECT NAME AND LOCATION  
 N. GLEBE RD. & WASHINGTON BLVD.  
 RAMP DETAIL  
 N. GLEBE RD. & WASHINGTON BLVD.  
 NE CORNER AT INTERSECTION  
 P14D

DESIGNED: K. PATEL  
 DRAWN: K. PATEL  
 CHECKED: P. RIGBY  
 MISS UTILITY TRANSMITTAL #: N/A  
 FILENAME: P14D\_C3-122-CORRIDOR.DWG  
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 PLOTTED: MAY 28 2019  
 PLOTTED BY: KPATEL

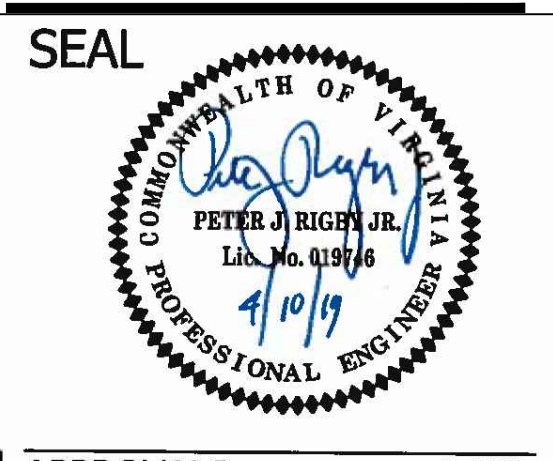


SHEET  
 9 OF 13

BL- C-3-EOP STATIONING



**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



APPROVALS	DATE
<i>[Signature]</i>	4/16/19
QUALITY CONTROL ENGINEER	
<i>[Signature]</i>	4/19/19
CONSTRUCTION MANAGEMENT SUPERVISOR	
<i>[Signature]</i>	5/1/19
WATER, SEWER, STREETS BUREAU CHIEF	
<i>[Signature]</i>	4/17/19
TRANSPORTATION DIRECTOR	
<i>[Signature]</i>	4/17/19
PROJECT MANAGER	

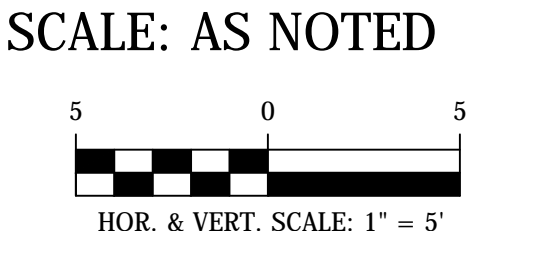
REVISIONS	DATE

**PROJECT NAME AND LOCATION**  
 N. GLEBE RD. & WASHINGTON BLVD.

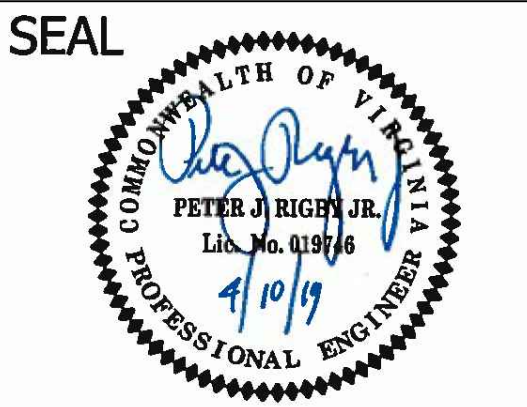
**CROSS SECTIONS**  
 N. GLEBE RD. & WASHINGTON BLVD.  
 NE CORNER AT INTERSECTION

DESIGNED: K. PATEL  
 DRAWN : K. PATEL  
 CHECKED : P. RIGBY  
 MISS UTILITY TRANSMITTAL #: N/A

FILENAME: P14D\_C3-122-CORRIDOR.DWG  
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 PLOTTED: MAY 28 2019  
 PLOTTED BY: KPATEL



SHEET  
 10 OF 13



APPROVALS	DATE
<i>[Signature]</i>	4/16/19
QUALITY CONTROL ENGINEER	
<i>[Signature]</i>	4/19/19
CONSTRUCTION MANAGEMENT SUPERVISOR	
<i>[Signature]</i>	5/1/19
WATER, SEWER, STREETS BUREAU CHIEF	
<i>[Signature]</i>	4/17/19
TRANSPORTATION DIRECTOR	
<i>[Signature]</i>	4/17/19
PROJECT MANAGER	

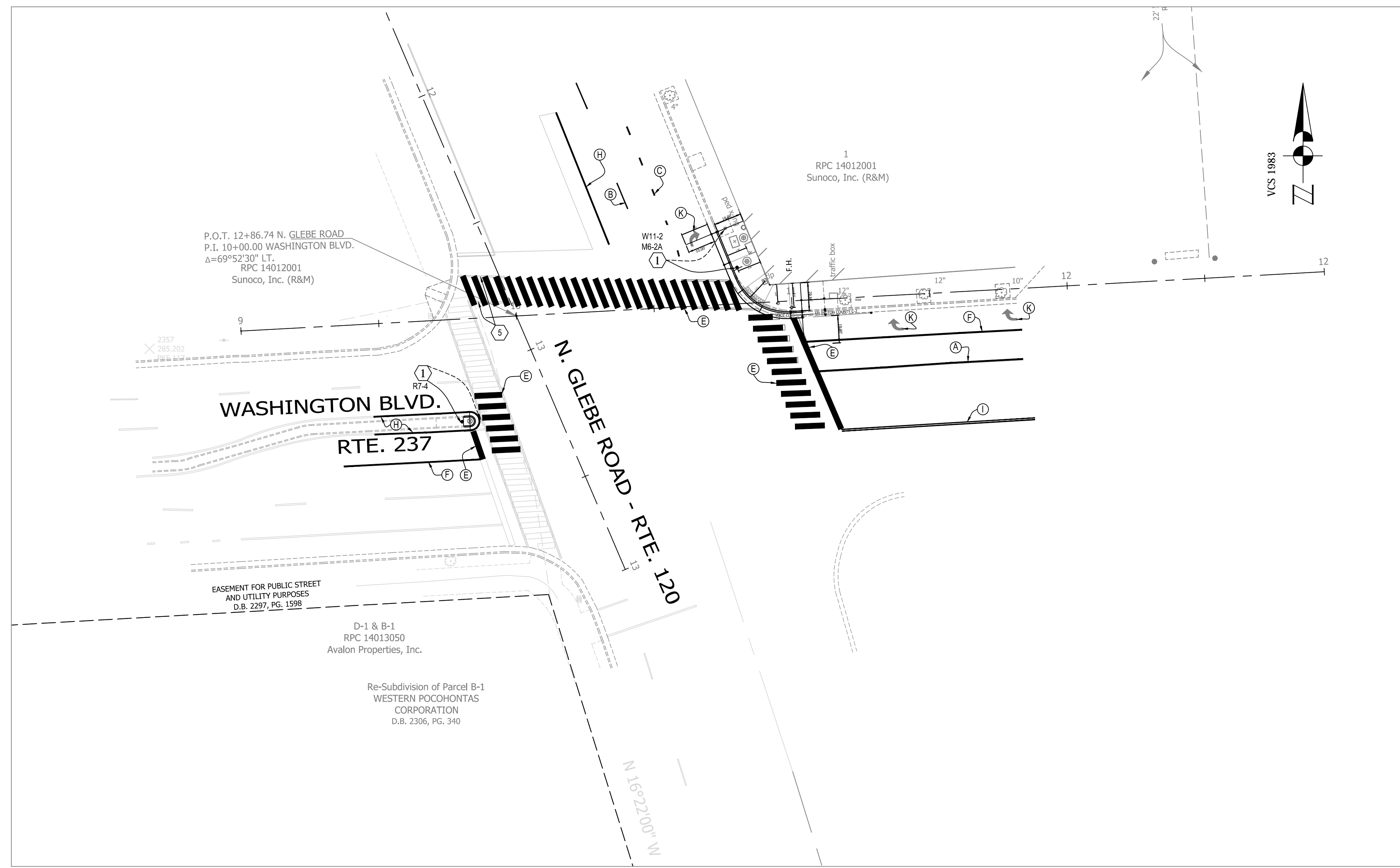
REVISIONS	DATE

PROJECT NAME AND LOCATION  
N. GLEBE RD. & WASHINGTON BLVD.  
SIGNAGE AND STRIPING  
N. GLEBE RD. & WASHINGTON BLVD.  
NE CORNER AT INTERSECTION  
PHD

DESIGNED: K. PATEL  
DRAWN : K. PATEL  
CHECKED : P. RIGBY  
MISS UTILITY TRANSMITTAL #: N/A  
FILENAME: P14D\_C3-122-CORRIDOR.DWG  
PATH: Q:\DATA\PHD\_08 CORRIDOR IMPROVEMENTS\SITE C-3 N GLEBE ROAD & WASHINGTON BLVD\PHD.DWG  
PLOTTED: MAY 28 2019  
PLOTTED BY: KPATEL

SCALE: AS NOTED  
GRAPHIC SCALE  
25 0 25  
SCALE: 1" = 25'

SHEET  
11 OF 13



CONSTRUCTION SIGNAGE NOTES

- ① EXISTING SIGN TO BE REMOVED AND REPLACED WITH NEW POLE
- ⑤ ERADICATE AS NECESSARY ANY EXISTING PAVEMENT MARKING.

All existing signage to remain unless otherwise noted.

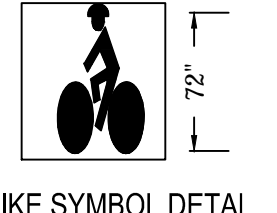
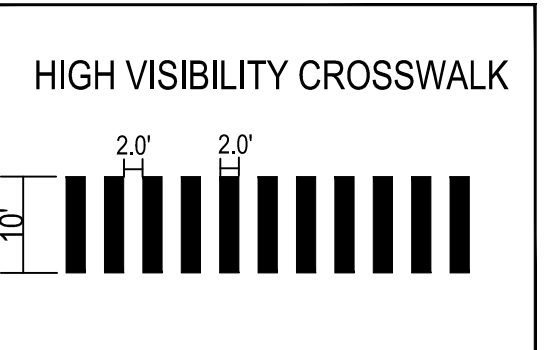
**STANDARD PAVEMENT MARKING LEGEND:**

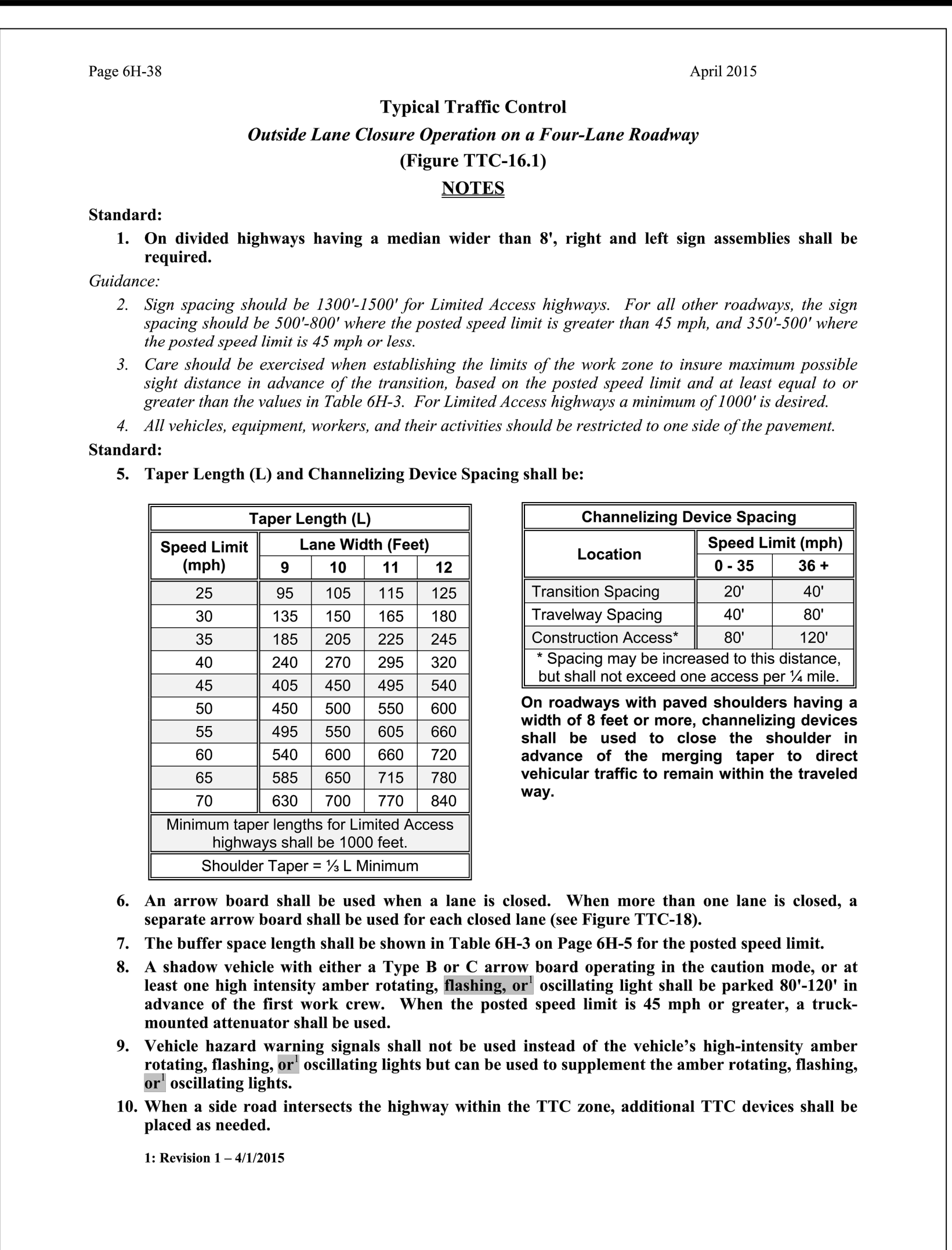
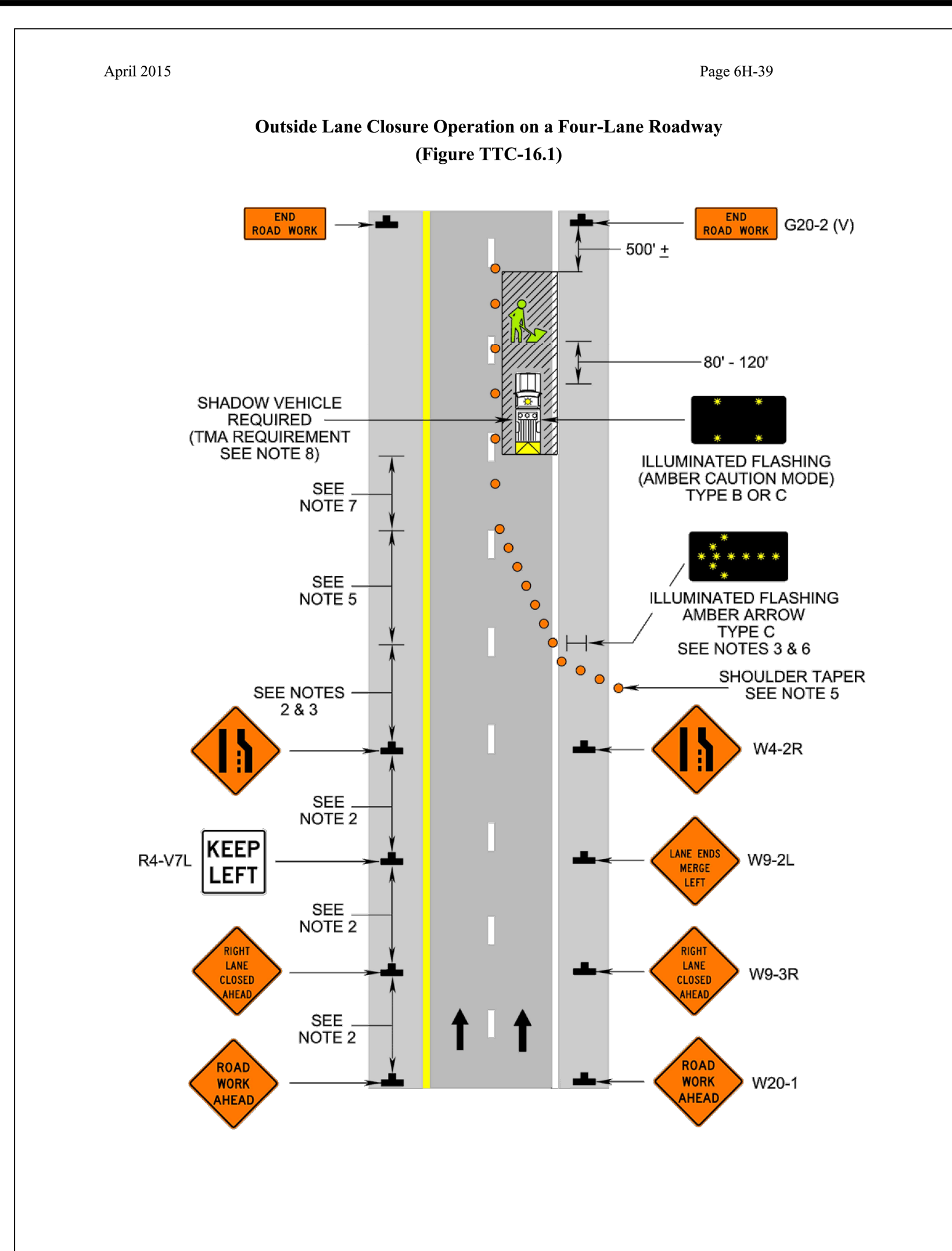
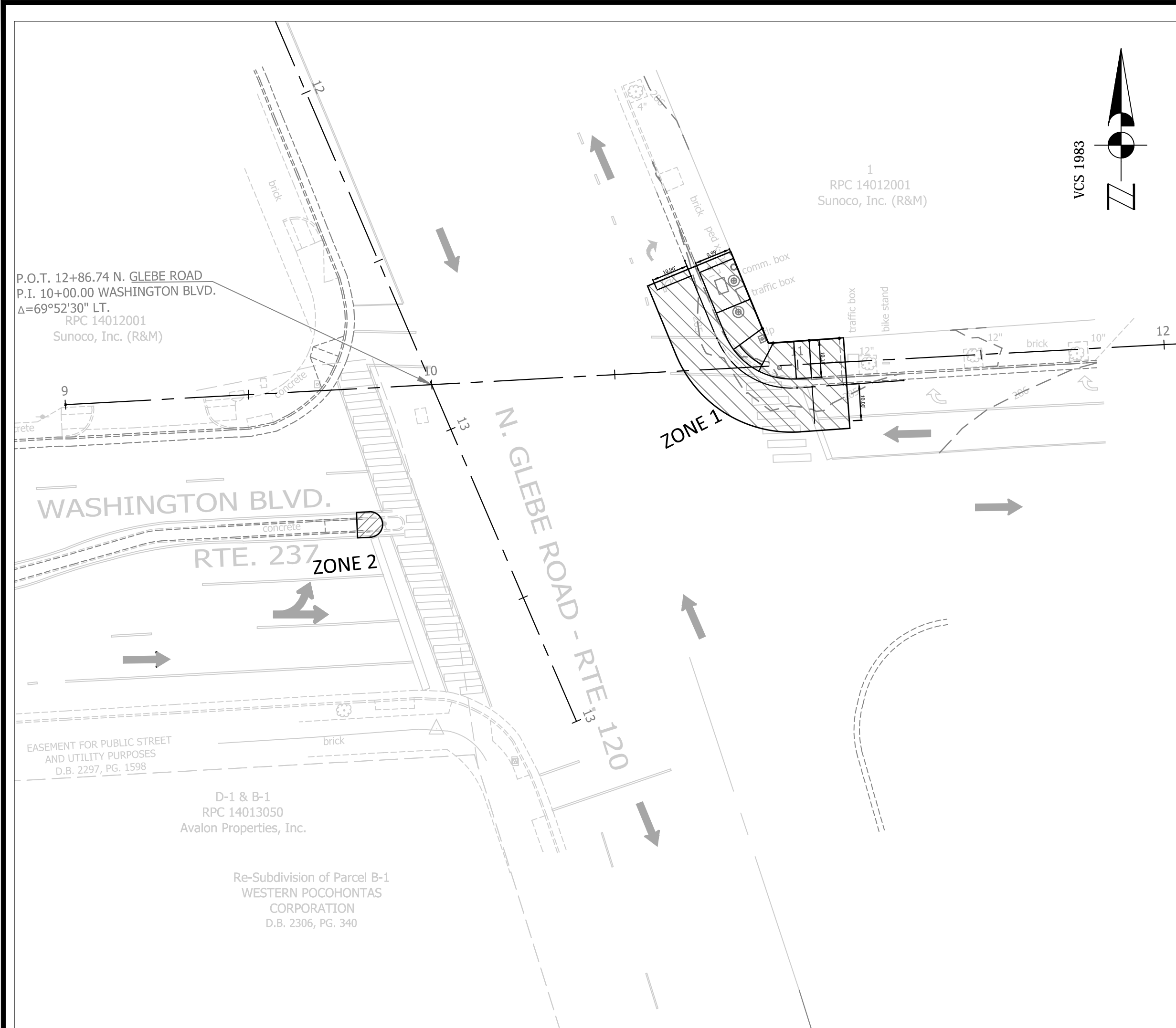
Ⓐ TYPE B CLASS 1.....WHITE 4" WIDTH	PARKING LANES, EDGE LINES, LANE LINES
Ⓑ TYPE B CLASS 1.....WHITE 4" WIDTH, 10' LONG, 30' SPACING	DASHED LANE LINES
Ⓒ TYPE B CLASS 1.....WHITE 4" WIDTH, 2' LONG, 10' SPACING	LANE TRANSITIONS, TURN LANE SKIPS
Ⓓ TYPE B CLASS 1.....WHITE 18" WIDTH	STOP BARS
Ⓔ TYPE B CLASS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

- 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 DES 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.
  - SHARROWS SHALL BE PLACED IN CENTER OF LANE, 250' APART UNLESS OTHERWISE SPECIFIED.
  - BIKE LANE SYMBOLS TO BE PLACED 330' APART UNLESS OTHERWISE SPECIFIED.

**STRIPING LEGEND**

EXISTING		PROPOSED
	BUS STOP	
	FIRE HYDRANT	
	PARKING METER	
	SIGN	
	STRIPING	





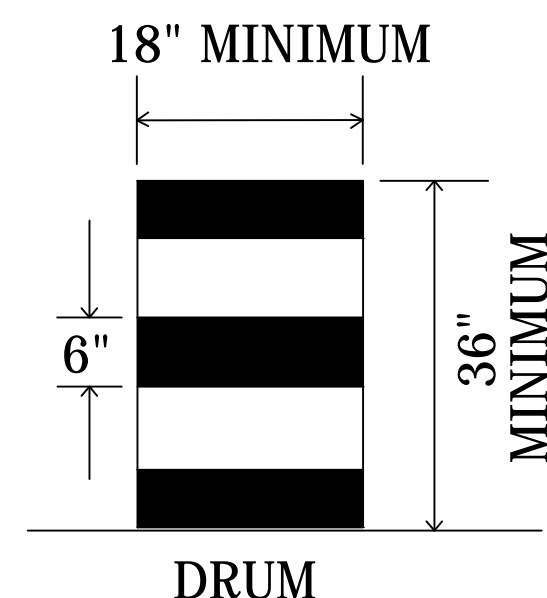
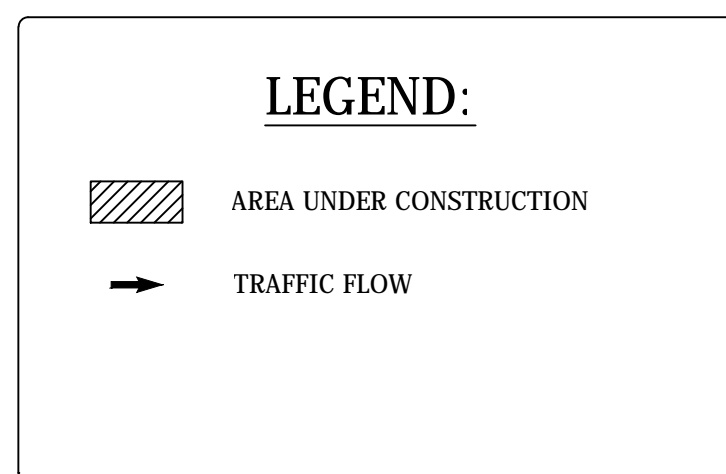
ZONE#	TTC#	ZONE TABLE COMMENTS	DURATION
ZONE 1	TTC-16.1	OUTSIDE LANE CLOSURE OPERATION ON A FOUR LANE ROADWAY	TWO WEEKS TO MONTH
	TTC-28.1	LANE CLOSURE OPERATION- IN AN INTERSECTION	
	TTC-36.1	CROSSWALK CLOSURE AND PEDESTRIAN DETOUR OPERATION	
ZONE 2	TTC-16.1	OUTSIDE LANE CLOSURE OPERATION ON A FOUR LANE ROADWAY	ONE WEEK
	TTC-26.1	LANE CLOSURE OPERATION- NEAR SIDE OF AN INTERSECTION	
	TTC-36.1	CROSSWALK CLOSURE AND PEDESTRIAN DETOUR OPERATION	
	TTC-29.1	TURN LANE CLOSURE OPERATION	

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 CONTRACTORS MEANS AND METHODS. THE CONTRACTOR'S SUBMITTED SCHEDULE SUPERSEDES THE ESTIMATED DURATIONS SHOWN.

RESTRICTIONS ON CONCURRENT WORK AREAS:

THE CONTRACTOR MAY CHOOSE THE OPTIMAL SEQUENCE FOR THEM, BUT THE DESIGNER WILL DICTATE WHICH WORK AREA CAN AND CANNOT BE CLOSED SIMULTANEOUSLY.

- NOTES:
- WARNING SIGN SPACING : 100'
  - CHANNELIZATION DEVICES SPACING FOR TRANSITION AREAS = 20'



- NOTES:
- DRUM SPACING IS 20 FEET ON TRANSITIONS AND CURVES.
  - DRUM SPACING PARALLEL TO THE TRAVEL WAY IS 40 FEET.

WORKING HOURS:

- IN ARLINGTON RIGHT-OF-WAY: 9:30 AM TO 3:00 PM (MON-FRI) AND 9:30AM TO 2:00PM (FRIDAY) SINCE GLEBE RD. IS STATE ROAD.
- ALL LANES SHALL BE FULLY OPEN TO TRAFFIC OUTSIDE THE ABOVE HOURS UNLESS SPECIFIED OTHERWISE IN THE MAINTENANCE OF TRAFFIC PLANS.

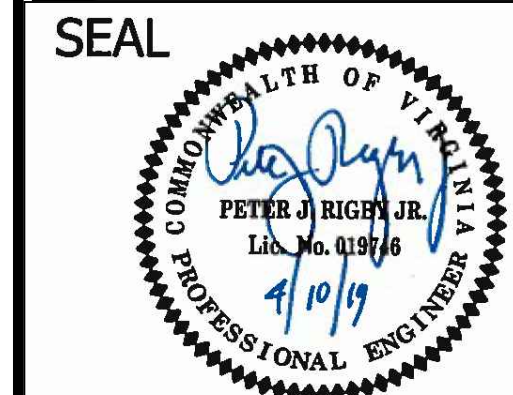
MOT NOTES:

- 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 MIDDLEBLOCK 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 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.
- 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 9:30 AM TO 3:00 PM (MON-THUR) AND 9:30 AM TO 2:00 PM (FRI) SINCE GLEBE RD. IS STATE RD.
- AND 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 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.
- CONTRACTOR SHALL COORDINATE WITH ARLINGTON COUNTY TRANSIT AT 703-228-3049, AT LEAST FOUR (4) WEEKS PRIOR TO COMMENCEMENT OF ALL WORK AFFECTING TRANSIT STOP OR ROUTES. ALL TEMPORARY AND FINAL BUS TRAVEL LANES MUST BE MINIMUM 11' WIDE.



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

QUALITY CONTROL ENGINEER 4/16/19

CONSTRUCTION MANAGEMENT SUPERVISOR 4/16/19

WATER, SEWER, STREETS BUREAU CHIEF 5/11/19

TRANSPORTATION DIRECTOR 4/17/19

PROJECT MANAGER 4/17/19

REVISIONS DATE

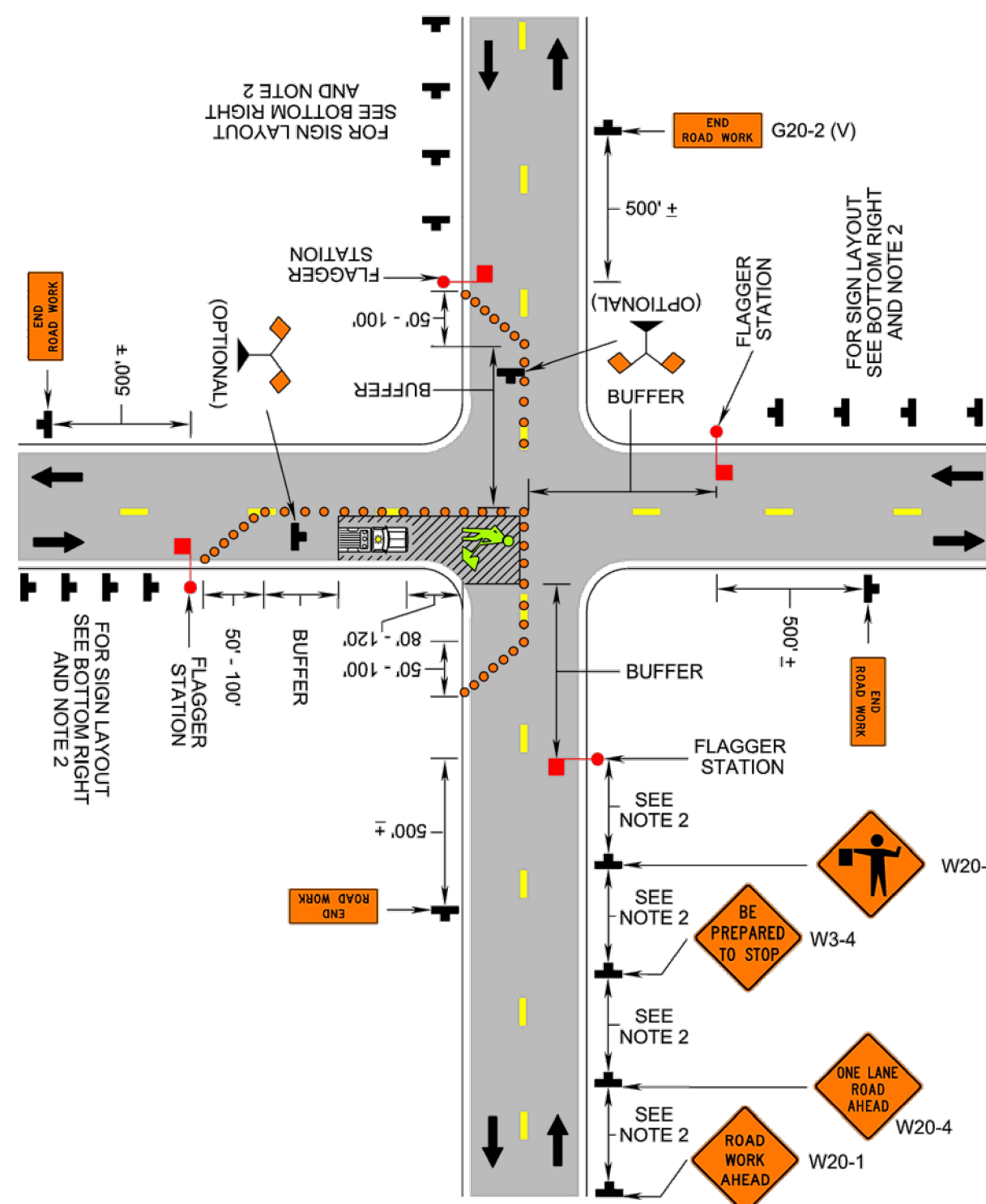
PROJECT NAME AND LOCATION  
N. GLEBE RD. & WASHINGTON BLVD.  
MOT\_PLAN 1  
N. GLEBE RD. & WASHINGTON BLVD.  
NE CORNER AT INTERSECTION  
P14D

DESIGNED: K. PATEL  
DRAWN: K. PATEL  
CHECKED: P. RIGBY  
MISS UTILITY TRANSMITTAL #: N/A  
FILENAME: P14D\_C-3-286-MOT.DWG  
PATH: Q:\DATA\PT4D\_188 CORRIDOR IMPROVEMENTS\SITE C-3 N GLEBE ROAD & WASHINGTON BLVD\CD\PROJECT\14D

SCALE: AS NOTED  
GRAPHIC SCALE  
25 0 25  
SCALE: 1" = 25'

SHEET 12 OF 13

Lane Closure Operation in an Intersection (Figure TTC-28.1)



1: Revision 1 - 4/1/2015

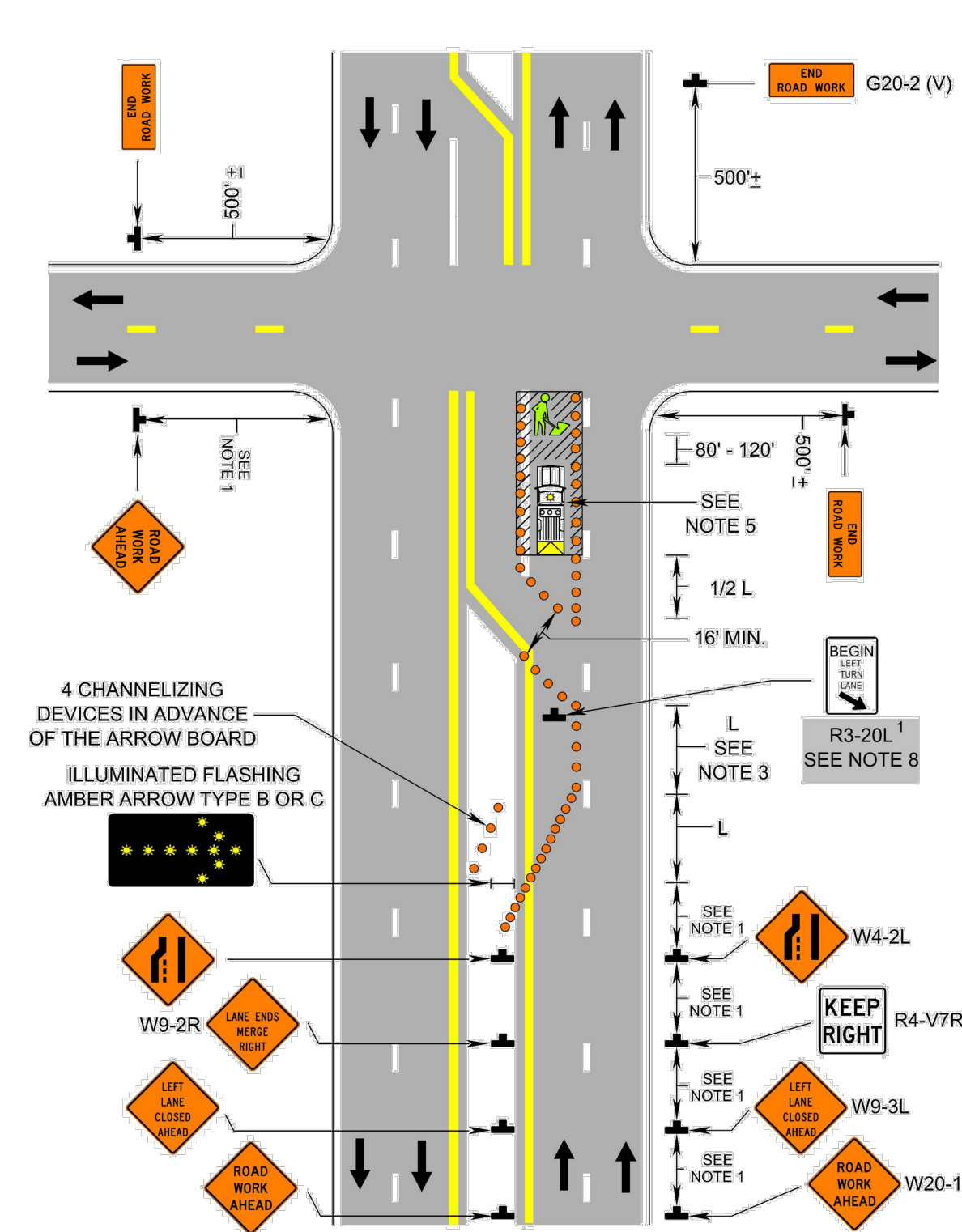
Typical Traffic Control Lane Closure Operation in an Intersection (Figure TTC-28.1)

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 Regional 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. Standard: 3. Channelizing device spacing shall be on 20' centers or less. Guidance: 4. 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 zone. Standard: 5. 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: 6. If the work space extends across a crosswalk, the crosswalk should be closed using the information and devices shown in Figure TTC-36. Support: 7. 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.

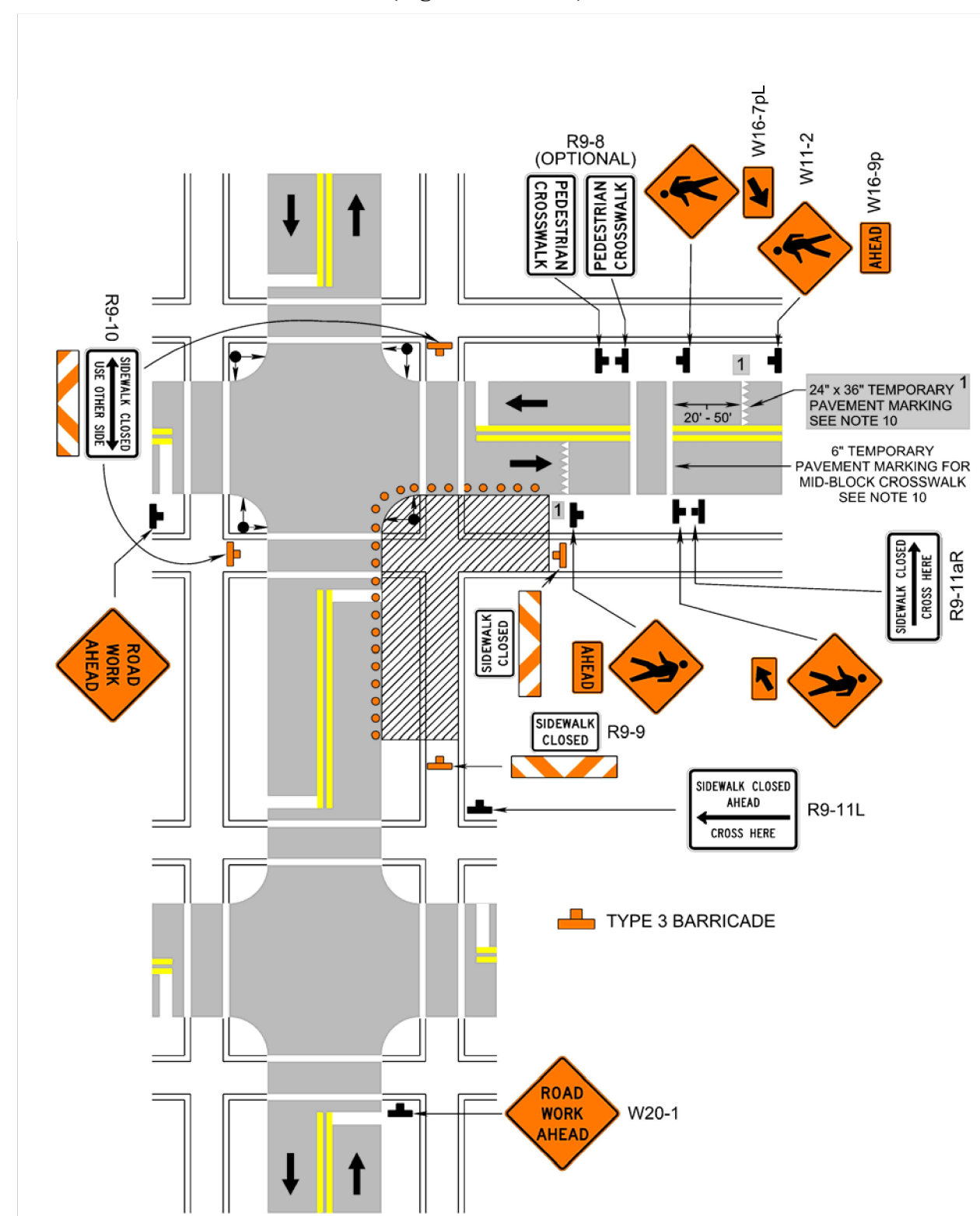
1: Revision 1 - 4/1/2015

Lane Closure Operation - Near Side of an Intersection (Figure TTC-26.1)



1: Revision 1 - 4/1/2015

Crosswalk Closure and Pedestrian Detour Operation (Figure TTC-36.1)



1: Revision 1 - 4/1/2015

Typical Traffic Control Crosswalk Closure and Pedestrian Detour Operation (Figure TTC-36.1)

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 closings, Type A Flashing warning lights may be used on barricades supporting signs and closing sidewalks. 8. In order to maintain the systematic use of the fluorescent yellow-green background for pedestrian, bicycle, and school warning signs in a jurisdiction, the fluorescent yellow-green background for pedestrian, bicycle, and school warning signs may be used in TTC zones. Standard: 9. All sidewalk closures shall be closed with Type 3 Barricades. 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.

1: Revision 1 - 4/1/2015

Typical Traffic Control Lane Closure Operation - Near Side of an Intersection (Figure TTC-26.1)

NOTES

- Guidance: 1. 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. Standard: 2. On divided highways having a median wider than 8', right and left sign assemblies shall be required. 3. Taper length (L) and channelizing device spacing shall be:

Table with columns: Speed Limit (mph), Taper Length (L), Lane Width (Feet) (9, 10, 11, 12). Rows show taper lengths for various speed limits and lane widths.

Table with columns: Location, Speed Limit (mph) (0-35, 36+). Rows show channelizing device spacing for transition, travelway, and construction access.

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.

On three or more lane roadways, the merging tapers shall be installed as shown in TTC-18.

- Guidance: 4. If room permits, a shadow vehicle with at least one rotating, oscillating, or amber strobe light should be parked 80'-120' in advance of the first work crew.

- Standard: 5. If the posted speed limit is 45 mph or greater, the shadow vehicle shall have a truck-mounted attenuator. 6. For emergency situations (any non-planned operation) of 30 minutes or less duration, two rotating amber lights or two 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: 7. If the work space extends across a crosswalk, the crosswalk should be closed using the information and devices shown in Figure TTC-36.

- Standard: 8. If the left turn lane is closed a NO LEFT TURN (Symbol) (R3-2) shall be used.

1: Revision 1 - 4/1/2015



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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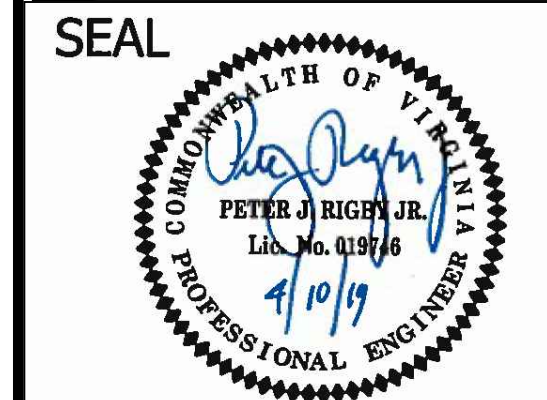


Table with columns: APPROVALS, DATE. Lists approvals for Quality Control Engineer, Construction Management Supervisor, Water/Sewer/Streets Bureau Chief, Transportation Director, and Project Manager with dates.

REVISIONS DATE

Table with columns: REVISIONS, DATE. Empty table for recording revisions.

PROJECT NAME AND LOCATION: N. GLEBE RD. & WASHINGTON BLVD. MOT\_PLAN II N. GLEBE RD. & WASHINGTON BLVD. NE CORNER AT INTERSECTION P14D

DESIGNED: K. PATEL DRAWN: K. PATEL CHECKED: P. RIGBY MISS UTILITY TRANSMITTAL #: N/A FILENAME: P14D\_C-3-286-MOT.DWG PATH: Q:\DATA\P14D\_C-3-286-MOT\IMPROVEMENTS\SITE\C-3-N GLEBE ROAD & WASHINGTON BLVD\CD\PROJECT\ SHEET: PLOTTED: MAY 28 2019 PLOTTED BY: KPATEL

SCALE: AS NOTED

SHEET 13 OF 13