ARLINGTON
VIRGINIA

DEPARTMENT OF
ENVIRONMENTAL SERVICES

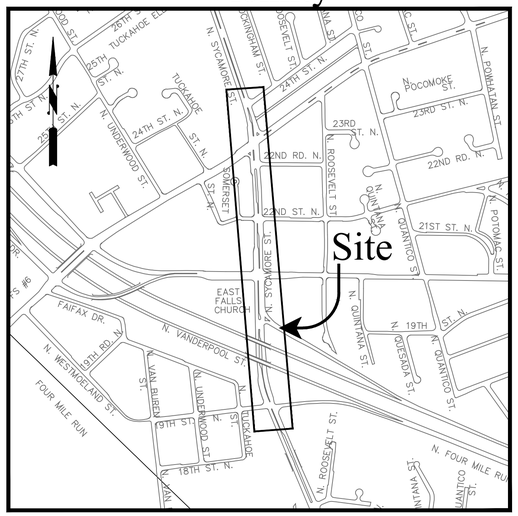
Engineering and Capital Projects Division
Engineering Bureau
2100 Clarendon Boulevard, Suite 813, Arlington, VA 22201
Phone: 703.228.3629 Fax: 703.228.3606 www.arlingtonva.us

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Location Map

Scale: 1"=600'

Vicinity



Preliminary Concept Plan For:

N. SYCAMORE STREET

From 19th Street to Lee Highway
Project Number:

General Notes:

GENERAL CONSTRUCTION NOTES

1. ALL ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
2. 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.
3. ALL CONSTRUCTION AND WORK ACTIVITIES SHALL COMPLY WITH THE VIRGINIA WORK AREA PROTECTION MANUAL AND ALL OTHER RELEVANT WORK SAFETY REQUIREMENTS, LATEST EDITIONS.
4. 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 AND/OR SEWER LATERALS WILL NOT BE MARKED BY MISS UTILITY OR THE COUNTY. THE CONTRACTOR WILL BE EXPECTED TO LOCATE AND PROTECT THESE SERVICES DURING CONSTRUCTION.
5. 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.
6. 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. 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.

   THE CONTRACOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN ACTUAL FIELD CONDITIONS AND THE APPROVED PLANS.
7. 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.
8. 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

9. THE CONTRACTOR SHALL PROTECT EXISTING DRAINAGE FACILITIES (TO INCLUDE CURB AND GUTTER) AND WATERWAYS FROM ADVERSE IMPACTS PER SECTION 01500 OF THE ARLINGTON COUNTY STANDARDS & SPECIFICATIONS.
10. ANY WORK WITHIN A RESOURCE PROTECTION AREA (RPA) SHALL COMPLY WITH THE REQUIREMENTS OF CHAPTER 61 OF THE COUNTY CODE (THE CHESAPEAKE BAY PRESERVATION ORDINANCE).

TREE PROTECTION

11. 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).
12. NO TREES SHALL BE REMOVED OR OTHERWISE AFFECTED UNLESS CLEARLY MARKED ON THE APPROVED PLAN.
13. TREES SHALL BE PROTECTED PER THE REQUIREMENTS OF SECTION 02100 - CLEARING AND GRUBBING

TRAFFIC CONTROL

14. CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 3 WORKING DAYS PRIOR TO DISTURBING ANY EXISTING, OR INSTALLING ANY NEW, TRAFFIC SIGNS, SIGNALS, OR OTHER TRAFFIC CONTROL DEVICES.
15. 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.
16. THE CONTRACTOR SHALL SUBMIT ANY REQUESTS FOR TEMPORARY "NO PARKING" RESTRICTIONS TO THE ENGINEER AT LEAST 3 WORKING DAYS PRIOR TO THE DESIRED ONSET OF RESTRICTIONS.
17. THE CONTRACTOR SHALL PRESERVE ALL BUS STOPS, INCLUDING MAINTAINING ADEQUATE ACCESS 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 ENGINEER. TYPICALLY ANY RELOCATION OR CLOSURE OF A BUS STOP WILL REQUIRE AT LEAST TWO WEEKS ADVANCE NOTICE FOR COORDINATION WITH THE COUNTY'S BUS STOP COORDINATOR.
18. 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

19. UNLESS OTHERWISE DIRECTED, CONTRACTORS ARE EXPRESSLY PROHIBITED FROM OPERATING ANY WATER VALVES OR APPURTENANCES. CONTRACTORS SHALL SUBMIT ALL REQUESTS FOR VALVE OPERATIONS TO THE ENGINEER AT LEAST 3 WORKING DAYS IN ADVANCE OF THE REQUIRED OPERATION.
20. 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 ENGINEER.
21. STORM OR SANITARY SEWERS AND APPURTENANCES TO BE ABANDONED SHALL BE EXCAVATED AND REMOVED, OR ABANDONED AS DETAILED IN THE COUNTY'S STANDARDS AND SPECIFICATIONS.

WORK WITHIN A VDOT RIGHT OF WAY

22. WHEN REQUIRED FOR THE WORK, AN APPROVED VIRGINIA DEPARTMENT OF TRANSPORTATION (VDOT) PERMIT WILL BE PROVIDED BY THE COUNTY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADHERING TO AND IMPLEMENTING ALL PERMIT REQUIREMENTS.
23. THE CONTRACTOR SHALL HAVE AT LEAST ONE EMPLOYEE ON-SITE CERTIFIED BY VDOT IN BASIC WORK ZONE TRAFFIC CONTROL AND WILL BE RESPONSIBLE FOR THE PLACEMENT, MAINTENANCE AND REMOVAL OF WORK ZONE TRAFFIC COTROL DEVICES WITHIN THE PROJECT LIMITS IN COMPLIANCE WITH THE PERMIT REQUIREMENTS AND CONDITIONS, THE APPROVED PLANS, SPECIFICATIONS, THE VIRGINIA WORK AREA PROTECTION MANUAL AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
24. THE CONTRACTOR SHALL HAVE AT LEAST ONE EMPLOYEE ON-SITE WHO HAS COMPLETED VDOT EROSION AND SEDIMENT CONTROL CONTRACTOR CERTIFICATION TRAINING AND WILL BE RESPONSIBLE FOR INSURING COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL EROSION AND SEDIMENT CONTROL REGULATIONS DURING ALL LAND DISTURBANCE ACTIVITIES.

Revised: 06/06/2011

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Utility Conflicts:

1. ?????

ADT:

12,000 North of Washington Blvd
20,000 South of Washington Blvd.

Street Classification:

N. Sycamore St	-	Minor Arterial	V = 30 MPH
Washington Blvd	-	Minor Arterial	V = 30 MPH
Lee Highway	-	Principal Arterial	V = 30 MPH

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Approvals	Date
DESIGN TEAM SUPERVISOR	
ENGINEERING BUREAU CHIEF	
WATER, SEWER STREETS BUREAU CHIEF	
TRANSPORTATION DIRECTOR	

Revisions	Date

Project Name and Location
N. Sycamore Street

Cover Sheet
From 19th St N.
To Lee Highway

Designed:
Drawn:
Checked:
Miss Utility Transmittal #:

Filename: PlanView.dwg
Path:
Plotted: June 25, 2015
Plotted by: rwhitney

Scale: As Noted

Sheet
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Symbols

Existing		Proposed
100	Storm Str. #	ST1
	Catch Basin	
	Sanitary Manhole	
200	Sanitary Str. #	SA1
	Fire Hydrant	
	Watermain Reducer	
	Water - Valve	
	Blowoff Valve	
	Water - Cross	
	Water - Tee	
	Water - Typical Bend	
	Water Meter	
	Water Cap	
	Water - Manhole Cover	
	Siamese Connection	
	CableTV Pedestal	
	Electrical Box	
	Telephone Pedestal	
	Cobrahead Light	
	Carlyle Light	
	Ground Light	
	Light Pole	
	Utility Pole	
	Guy Wire	
	Utility Cover	
	Gas Valve	
	Gas Line Marker	
	Test Hole	
	Bollard	
	Mailbox	
	Parking Meter	
	Sign	
	Traffic Mast Arm Pole	
	Traffic Pedestrian Pole	
	Traffic Control Box	
	Traffic Electrical Box	
	Traffic Junction Box	
S	Traffic Service Meter	S
	Coniferous Tree	
	Deciduous Tree	
	Bush/Hedge/Shrub	
	Construction Notes	1
	Benchmark	
	Monument (GPS)	
	Monument	
	Iron Rod Found	
	Iron Pipe Found	
	Rebar Rod Found	
	P.K. Nail Found	
	Traverse	
	North Arrow	
C-2	Curb Transition	C-2R

	Existing	Proposed
Easement		
Asphalt		
Building		
Cable TV	CATV	
Center Line		
Concrete		
Contours	250	250
Curb		
Electric (Underground)	UGE	
Fence	X X X X X X X X X X	X X X X X X X X X X
Fiber Optic	fo fo fo	
Guardrail		
2" Gas	2" G 2" G 2" G	
3" Gas	3" G 3" G 3" G	
6" Gas	6" G 6" G 6" G	
8" Gas	8" G 8" G 8" G	
Gas	GAS GAS GAS	
Limits Of Clearing		
Overhead Wires		
Property Line		
8" Sanitary	8" S	
12" Sanitary	12" S	
Sanitary Sewer		
Sanitary House Con.	SHC	
Sidewalk		
Storm (size noted)		
Telephone (Underground)	UGT UGT UGT	
Wall		
6" Water	6" W	
8" Water	8" W	
12" Water	12" W	
Water	W	
Water House Con.	WHC WHC WHC	
Lane Marking		
Tree Line		
PVC (Street Lights)		

Asphalt - Mill & Overlay	
Asphalt - Overlay	
Asphalt - Full Depth	
Concrete	
Demolish Existing Sidewalk	
Demolish Existing Driveway Aprons	
Demolish Existing Curb & Gutter	
Sand	
Soil	
Gravel	
Herringbone	
Basket Weave	
Brick	

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Approvals Date

DESIGN TEAM SUPERVISOR

ENGINEERING BUREAU CHIEF

WATER, SEWER STREETS BUREAU CHIEF

TRANSPORTATION DIRECTOR

Revisions Date

Project Name and Location
N. Sycamore Street

Detail Sheet
From 19th St N.
To Lee Highway

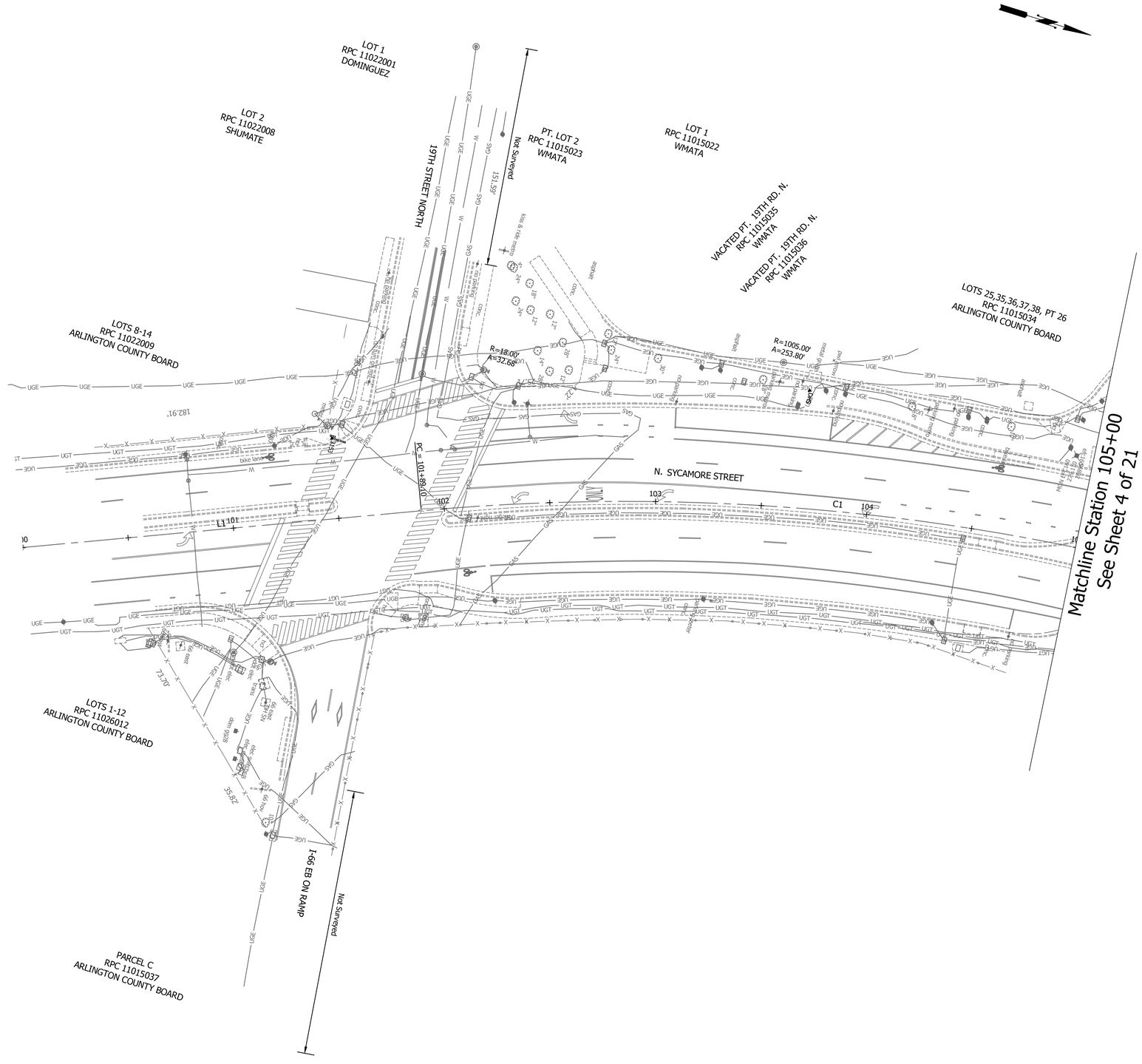
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N. Sycamore Street



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N. Sycamore Street

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ENGINEERING BUREAU CHIEF	
WATER, SEWER STREETS BUREAU CHIEF	
TRANSPORTATION DIRECTOR	

Revisions	Date

Project Name and Location
N. Sycamore Street

Existing Conditions Plan 1
From 19th St N.
To Lee Highway

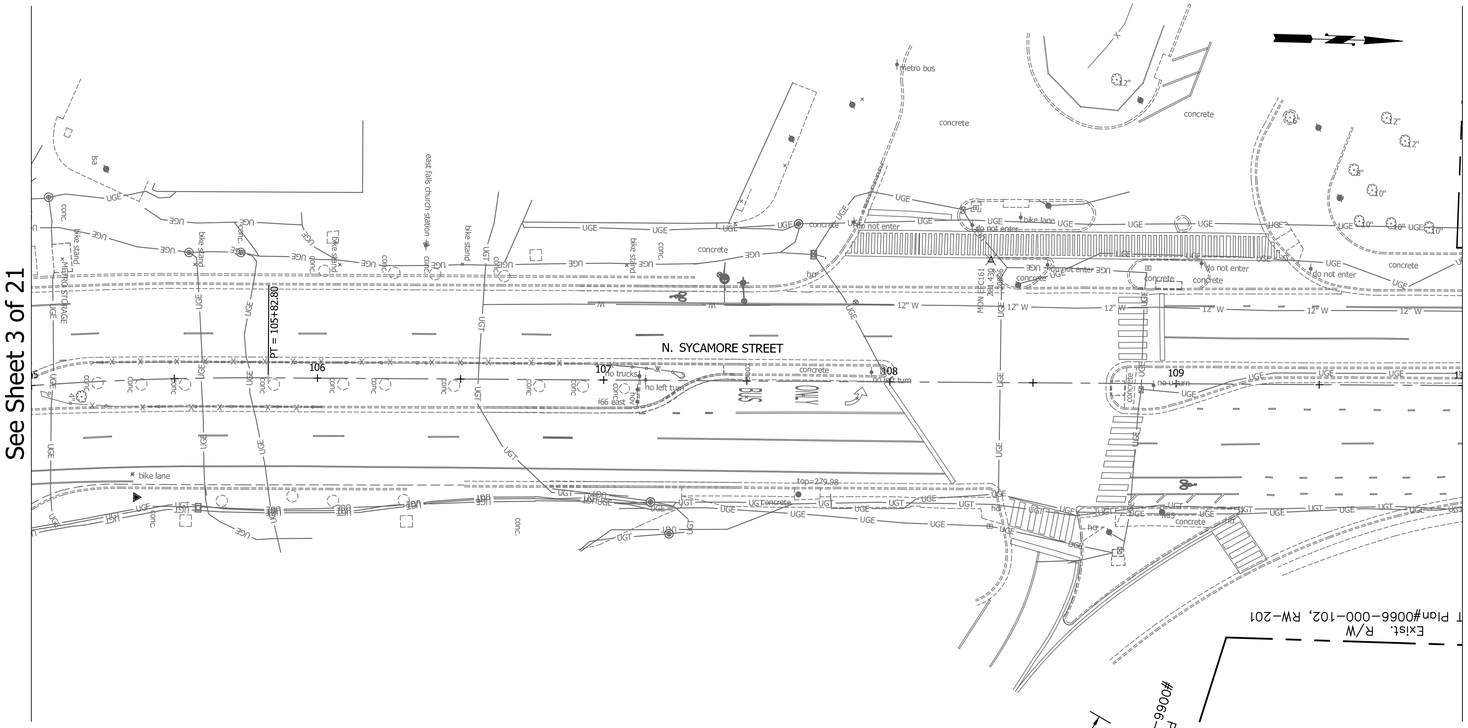
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Filename: PlanView.dwg
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Plotted: June 25, 2015
Plotted by: rwhitney

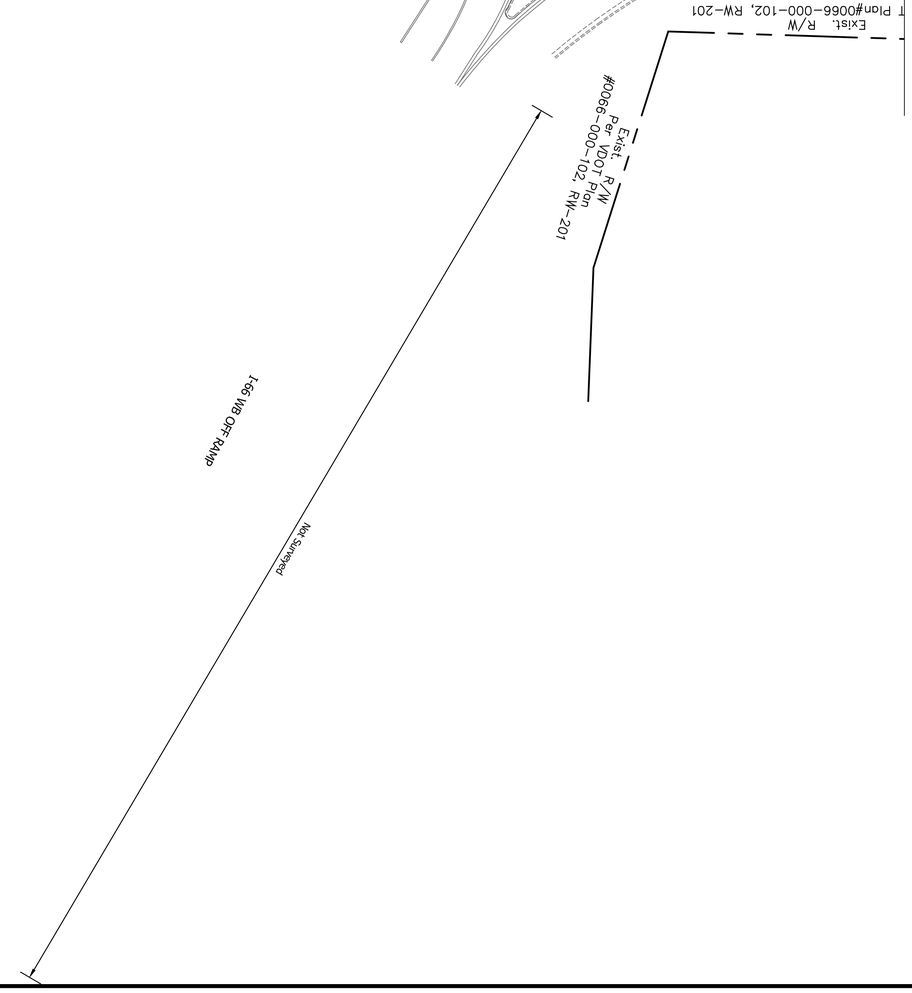
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Matchline Station 105+00
See Sheet 3 of 21



Matchline Station 110+00
See Sheet 5 of 21



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WATER, SEWER STREETS BUREAU CHIEF	
TRANSPORTATION DIRECTOR	

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Project Name and Location
N. Sycamore Street

Existing Conditions Plan 2
From 19th St N.
To Lee Highway

Designed:
Drawn:
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Miss Utility Transmittal #:

Filename: PlanView.dwg
Path:
Plotted: June 25, 2015
Plotted by: rwhitney

Scale: Hor: 1" = 25'
Vert: 1" = 5'

Sheet
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N. Sycamore Street

Matchline Station 110+00
See Sheet 4 of 21

Matchline Station 115+00
See Sheet 6 of 21

METRO STATION
PARK AND RIDE LOT

WASHINGTON TERRACE
RESUB OF UNIT 1
D.B. 488, PG. 498

PT. 15, JULIA A BROWN PROP
RPC 11014033
WMATA

4
RPC 11014011
WMATA

6
RPC 11014013
WMATA

PT. 5
RPC 11014012
WMATA

N. WASHINGTON BOULEVARD

MADISON MEWS AT THE METRO
D.B. 3596, PG. 937

JULIA A. BROWN PROPERTY
D.B. 1078, PG. 427

14-C
RPC 11005032
LEE

14-B
RPC 11005031
LEE

COUNTY INGRESS-EGRESS EASEMENT
D.B. 3596, PG. 937

20
RPC 11005221
BELL

21
RPC 11005222
CLARKE

22
RPC 11005223
HUDES

23
RPC 11005224
COLBY

RPC 11014014
COUNTY BOARD OF
ARLINGTON COUNTY, VA

RPC 11014036
MAY

RPC 11014039
BAUTISTA

RPC 11014015
ESTES

5B-1
RPC 11005029
ORNBURN

5B-2
RPC 11005193
TU

5A
RPC 11005028
CHAMANDY

RESUB. LOT 5B
ALICE BROWNING ADDITION EAST FALLS CHU
D.B. 2378, PG. 1246

N. SYCAMORE STREET

WASHINGTON BOULEVARD

Not Surveyed

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WATER, SEWER STREETS BUREAU CHIEF	
TRANSPORTATION DIRECTOR	

Revisions	Date

Project Name and Location
N. Sycamore Street

PPlan 3
From 19th St N.
To Lee Highway

Designed:
Drawn:
Checked:
Miss Utility Transmittal #:

Filename: PlanView.dwg
Path:
Plotted: June 25, 2015
Plotted by: rwhitney

Scale: Hor: 1" = 25'
Vert: 1" = 5'

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N. Sycamore Street

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WATER, SEWER STREETS BUREAU CHIEF	
TRANSPORTATION DIRECTOR	

Revisions	Date

Project Name and Location
N. Sycamore Street

Existing Conditions Plan 4
From 19th St N.
To Lee Highway

Designed:
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Vert: 1" = 5'

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N. Sycamore Street

Matchline Station 120+00
See Sheet 6 of 21

Not Surveyed

R=1955.00'
A=274.14'

91.18'

LEE HIGHWAY

GEORGE CROSSMAN PROP
RPC 01069006
COUNTY BOARD OF ARLINGTON
DEPT. REC. & PARKS

182.33'

8' BICYCLE PATH EASEMENT
D.B. 1885, PG. 591

R=22.53'
A=47.75'

STORM SEWER EASEMENT
D.B. 1885, PG. 591

91.51'

R=53.00'
A=21.79'

R=67.00'
A=27.55'

N4° 33' 34"W 126.06'

N. SYCAMORE STREET

R=25.00'
A=39.94'

22ND ROAD N

PT. 4
RPC 11004001
CARROL

E. D. WILLIAMS' PROPERTY
D.B. 426, PG. 170

PT. 3
RPC 11004002
WILSON

5
RPC 11004012
WALSH

PT. 1& PT. 2
RPC 11004003
ARDAIZ

15
RPC 11005075
LASS

14
RPC 11005074
TRAMONTE

13
RPC 11005073
HAUSSERMANN

12
RPC 11005072
HANNON

2 story brick #2239

2 story brick #2237

2 story brick #33 s

2 story brick #2233

1 story brick #6438

2 story stone #6429

2 story stone #6434

2 story stone cement fiber siding #6428

2 story stone #2223

Not Surveyed

988.93'

R=23.00'
A=43.04'

ARL.CO MON

LEE HIGHWAY

24TH STREET N.

STORM SEWER EASEMENT
D.B. 1474, PG. 238

87.17'

R=25.00'
A=31.83'

R=25.00'
A=46.69'

46.23'

46.35'

55.94'

55.62'

3
RPC 01068017
ANDREWS

2 story brick #6421

2 story brick #6428

2 story brick #6426

2 story brick #6431

2 story brick #6427

2 story brick #6430

2 story brick #6429

2 story brick #6410

20' PUBLIC ACCESS AND UTILITY EASEMENT

5' SANITARY & HOUSE SEWER CONNECTION EASEMENT D.B. 1474, PG. 238

32
RPC 01065032
BUZZANCA

31
RPC 01065031
LEE

30
RPC 01065030
HEATHERLY

23
RPC 01065001
MARSHALL

22
RPC 01065002
WALLER

21
RPC 01065003
CLANCY

20
RPC 01065004
GRNIC

SOMERSET
FIRST ADDITION
D.B. 1474, PG. 238

Not Surveyed

Revised: 06/06/2011

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N. Sycamore Street

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Approvals Date

DESIGN TEAM SUPERVISOR

ENGINEERING BUREAU CHIEF

WATER, SEWER STREETS BUREAU CHIEF

TRANSPORTATION DIRECTOR

Revisions Date

Project Name and Location
N. Sycamore Street

Existing Conditions Plan 5
From 19th St N.
To Lee Highway

Designed:
Drawn:
Checked:
Miss Utility Transmittal #:

Filename: PlanView.dwg
Path:
Plotted: June 25, 2015
Plotted by: rwhitney

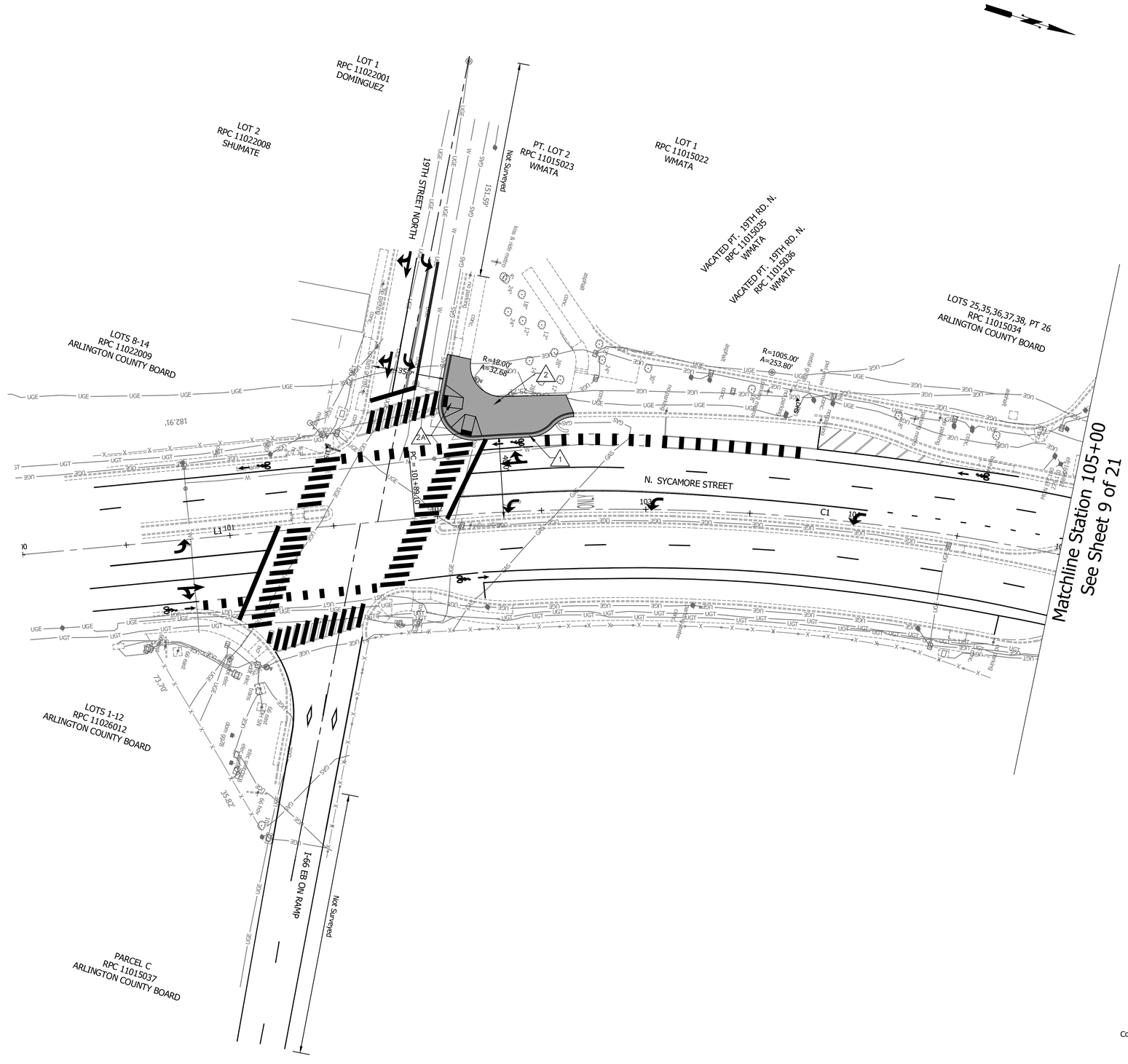
Scale: Hor: 1" = 25'
Vert: 1" = 5'

Sheet
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N. Sycamore Street

CONSTRUCTION NOTES

1. NEW CURB AND CUTTER (C-20)
   ARLINGTON COUNTY STANDARD (R-2.0)
2. NEW SIDEWALK (WIDTH VARIES)
   ARLINGTON COUNTY STANDARD (R-2.0)
2A. NEW HANDICAP RAMP (CG-12A)
   VDOT ROAD & BRIDGE STANDARDS (203.06)



LEGEND

Concrete

ARLINGTON
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TRANSPORTATION DIRECTOR	

Revisions	Date

Project Name and Location
N. Sycamore Street

Proposed Plan 1
From 19th St N.
To Lee Highway

Designed: RR
Drawn: RR
Checked:
Miss Utility Transmittal #:

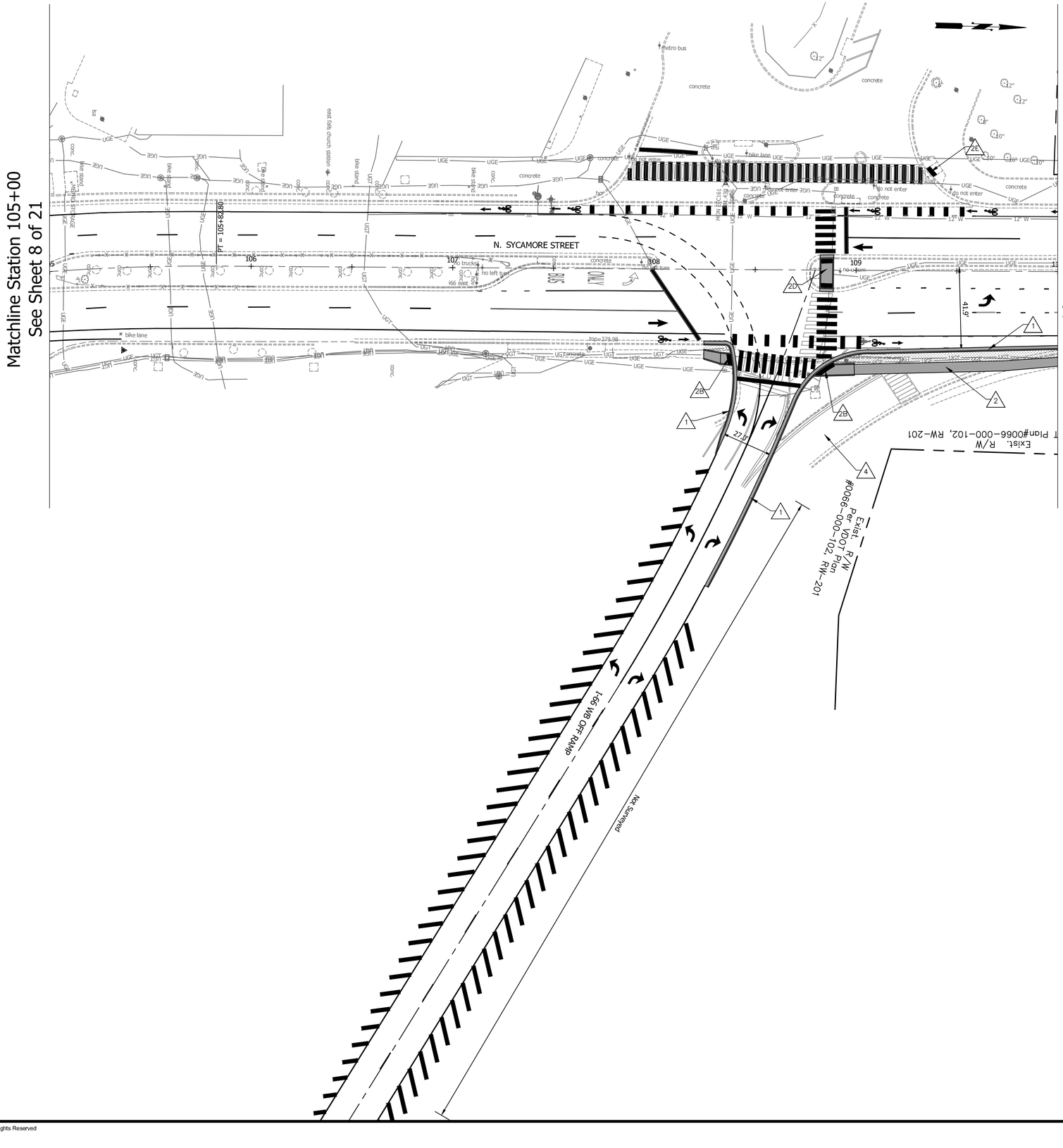
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Plotted: June 25, 2015
Plotted by: rwhitney

Scale: Hor: 1" = 25'

Sheet
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CONSTRUCTION NOTES

1. NEW CURB AND CUTTER (C-20) ARLINGTON COUNTY STANDARD (R-2.0)
2. NEW SIDEWALK (WIDTH VARIES) ARLINGTON COUNTY STANDARD (R-2.0)
2B. NEW HANDICAP RAMP (CG-12B) VDOT ROAD & BRIDGE STANDARDS (203.07)
2D. NEW MEDIAN CUT THROUGH WITH DETECTABLE WARNINGS (CG-12) VDOT ROAD AND BRIDGE STANDARDS (203.08A)
2E. NEW DETECTABLE WARNING SURFACE ONLY
4. DEMOLISH EXISTING RIGHT TURN SLIP LANE AND OBSCURE ROADWAY

LEGEND

Concrete

Grass/Utility/Bioswale Area

ARLINGTON
VIRGINIA

DEPARTMENT OF
ENVIRONMENTAL SERVICES

Engineering & Capital Projects 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

DESIGN TEAM SUPERVISOR

ENGINEERING BUREAU CHIEF

WATER, SEWER STREETS BUREAU CHIEF

TRANSPORTATION DIRECTOR

Revisions Date

Project Name and Location
N. Sycamore Street

Proposed Plan 2
From 19th St N.
To Lee Highway

Designed:
Drawn:
Checked:
Miss Utility Transmittal #:

Filename: PlanView.dwg
Path:
Plotted: June 25, 2015
Plotted by: rwhitney

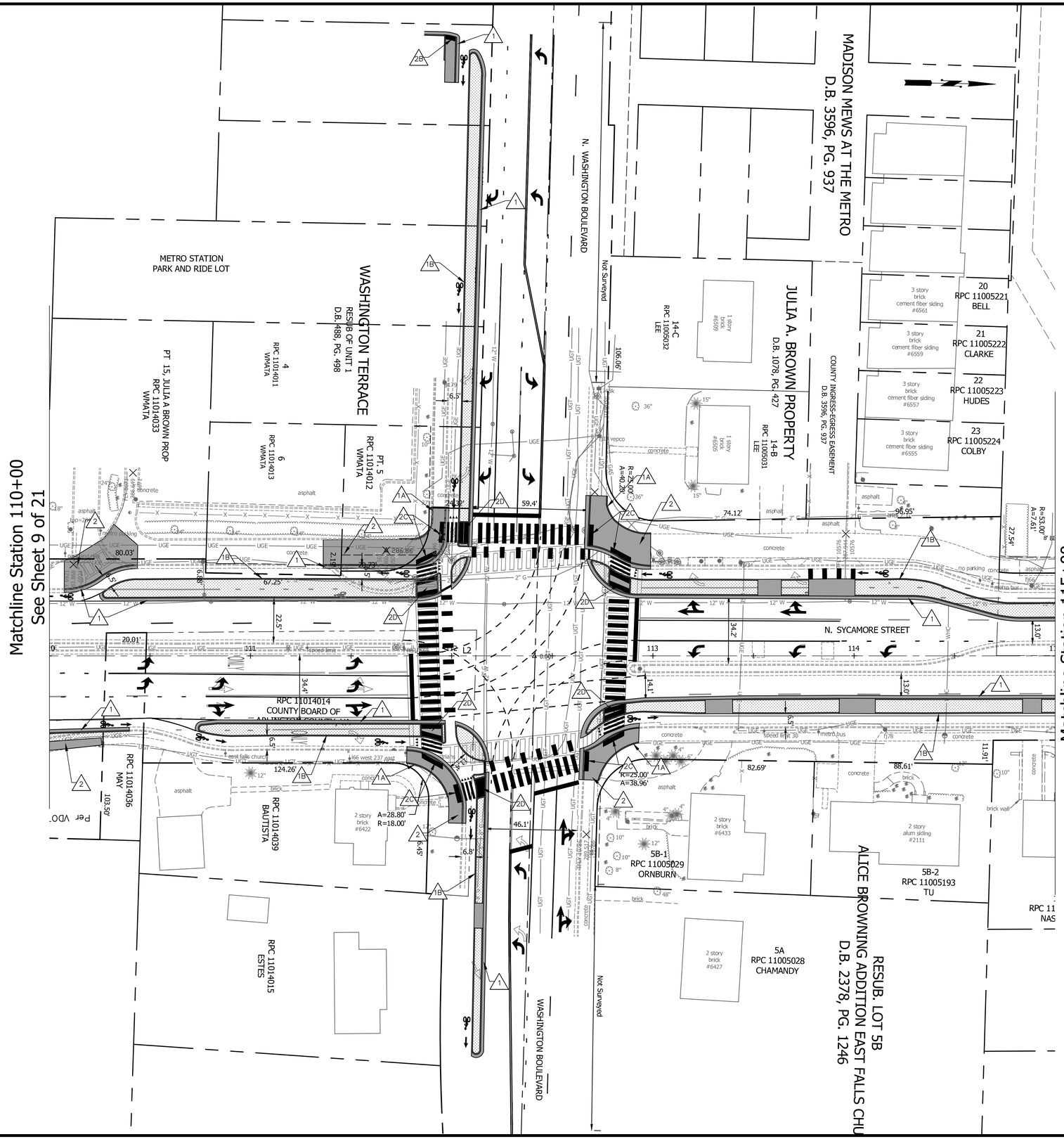
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Vert: 1" = 5'

Sheet
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N. Sycamore Street



CONSTRUCTION NOTES

1. NEW CURB AND CUTTER (C-20)
   ARLINGTON COUNTY STANDARD (R-2.0)
1A. NEW HEADER CURB (C-3)
   ARLINGTON COUNTY STANDARD (R-2.0)
1B. NEW MOUNTABLE 4" CURB (CG-3)
   VDOT ROAD AND BRIDGE STANDARDS (201.02)
2. NEW SIDEWALK (WIDTH VARIES)
   ARLINGTON COUNTY STANDARD (R-2.0)
2B. NEW HANDICAP RAMP (CG-12B)
   VDOT ROAD & BRIDGE STANDARDS (203.07)
2C. NEW HANDICAP RAMP (MODIFIED CG-12C)
   VDOT ROAD & BRIDGE STANDARDS (203.08)
2D. NEW MEDIAN CUT THROUGH WITH DETECTABLE WARNINGS (CG-12)
   VDOT ROAD AND BRIDGE STANDARDS (203.08A)

LEGEND

Concrete

Grass/Utility/Bioswale Area

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DESIGN TEAM SUPERVISOR	
ENGINEERING BUREAU CHIEF	
WATER, SEWER STREETS BUREAU CHIEF	
TRANSPORTATION DIRECTOR	

Revisions	Date

Project Name and Location
N. Sycamore Street

Proposed Plan 3
From 19th St N.
To Lee Highway

Designed:
Drawn:
Checked:
Miss Utility Transmittal #:

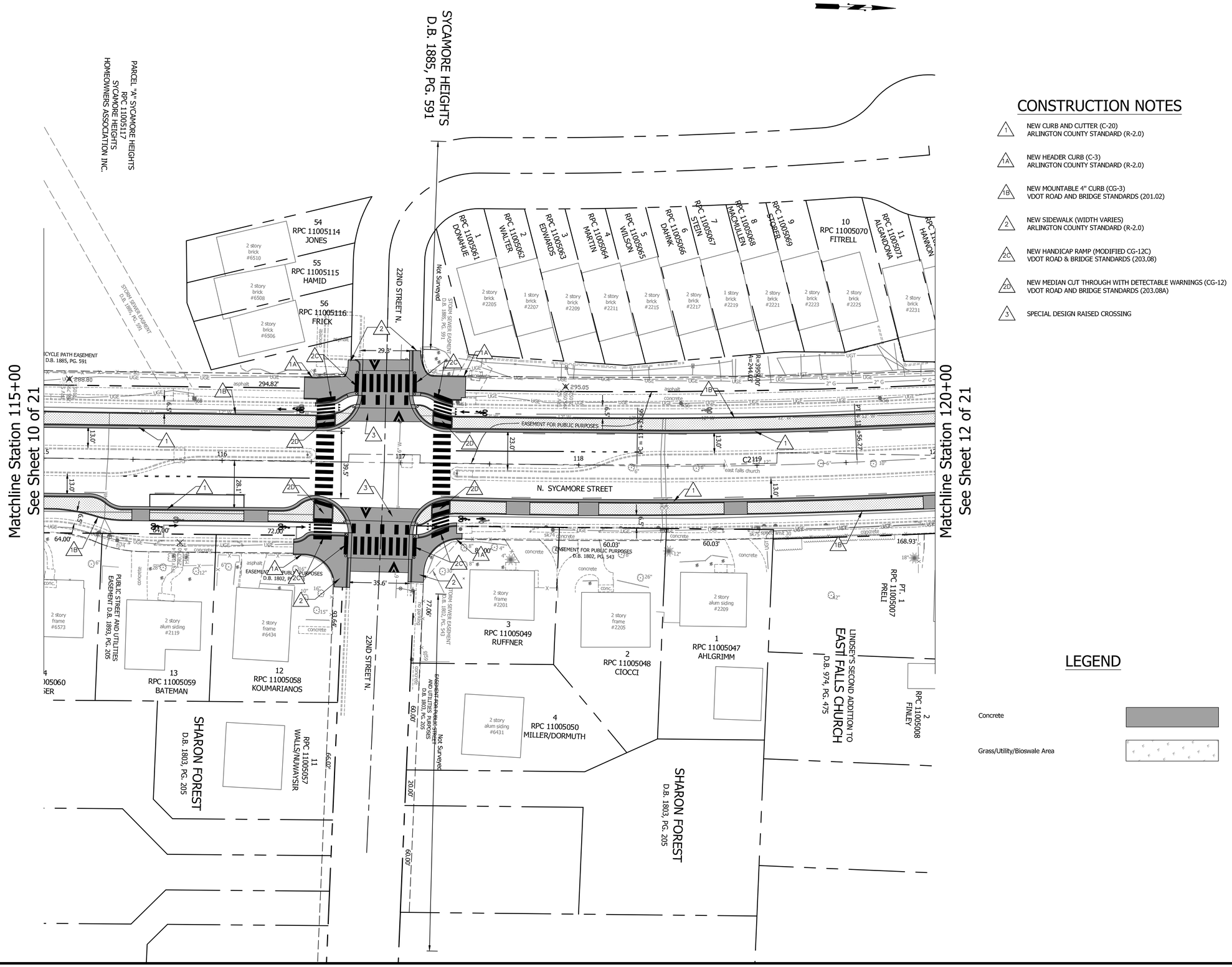
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Plotted: June 25, 2015
Plotted by: rwhitney

Scale: Hor: 1" = 25'
Vert: 1" = 5'

Sheet
10 of 21

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CONSTRUCTION NOTES

1. NEW CURB AND CUTTER (C-20) ARLINGTON COUNTY STANDARD (R-2.0)
1A. NEW HEADER CURB (C-3) ARLINGTON COUNTY STANDARD (R-2.0)
1B. NEW MOUNTABLE 4" CURB (CG-3) VDOT ROAD AND BRIDGE STANDARDS (201.02)
2. NEW SIDEWALK (WIDTH VARIES) ARLINGTON COUNTY STANDARD (R-2.0)
2C. NEW HANDICAP RAMP (MODIFIED CG-12C) VDOT ROAD & BRIDGE STANDARDS (203.08)
2D. NEW MEDIAN CUT THROUGH WITH DETECTABLE WARNINGS (CG-12) VDOT ROAD AND BRIDGE STANDARDS (203.08A)
3. SPECIAL DESIGN RAISED CROSSING

LEGEND

Concrete

Grass/Utility/Bioswale Area

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DESIGN TEAM SUPERVISOR	
ENGINEERING BUREAU CHIEF	
WATER, SEWER STREETS BUREAU CHIEF	
TRANSPORTATION DIRECTOR	

Revisions	Date

Project Name and Location
N. Sycamore Street

Proposed Plan 4
From 19th St N.
To Lee Highway

Designed:
Drawn:
Checked:
Miss Utility Transmittal #:

Filename: PlanView.dwg
Path:
Plotted: June 25, 2015
Plotted by: rwhitney

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Vert: 1" = 5'

Sheet
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N. Sycamore Street

Matchline Station 120+00
See Sheet 11 of 21

CONSTRUCTION NOTES

1. NEW CURB AND CUTTER (C-20) ARLINGTON COUNTY STANDARD (R-2.0)
1A. NEW HEADER CURB (C-3) ARLINGTON COUNTY STANDARD (R-2.0)
1B. NEW MOUNTABLE 4" CURB (CG-3) VDOT ROAD AND BRIDGE STANDARDS (201.02)
2. NEW SIDEWALK (WIDTH VARIES) ARLINGTON COUNTY STANDARD (R-2.0)
2B. NEW HANDICAP RAMP (MODIFIED CG-12B) VDOT ROAD & BRIDGE STANDARDS (203.07)
2C. NEW HANDICAP RAMP (MODIFIED CG-12C) VDOT ROAD & BRIDGE STANDARDS (203.08)
2D. NEW MEDIAN CUT THROUGH WITH DETECTABLE WARNINGS (CG-12) VDOT ROAD AND BRIDGE STANDARDS (203.08A)
2E. NEW DETECTABLE WARNING SURFACE ONLY
3. SPECIAL DESIGN RAISED CROSSING

LEGEND

Concrete

Grass/Utility/Bioswale Area

GEORGE CROSSMAN PROP
RPC 01069006
COUNTY BOARD OF ARLINGTON
DEPT. REC. & PARKS

LEE HIGHWAY

N. SYCAMORE STREET

22ND ROAD N

24TH STREET N.

E. D. WILLIAMS' PROPERTY D.B. 425, PG. 170

SOMERSET FIRST ADDITION D.B. 1474, PG. 238

PT. 4 RPC 11004001 CARROL

PT. 3 RPC 11004002 WILSON

5 RPC 11004012 WALSH

PT. 1 & PT. 2 RPC 11004003 ARDAIZ

15 RPC 11005075 LASS

14 RPC 11005074 TRAMONTE

13 RPC 11005073 HAUSSERMANN

12 RPC 11005072 HANNON

32 RPC 01065032 BUZZANCA

31 RPC 01065031 LEE

30 RPC 01065030 HEATHERLY

23 RPC 01065001 MARSHALL

22 RPC 01065002 WALLER

21 RPC 01065003 CLANCY

20 RPC 01065004 CRNIC

3 RPC 01068017 ANDREWS

Not Surveyed

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Approvals — Date

DESIGN TEAM SUPERVISOR

ENGINEERING BUREAU CHIEF

WATER, SEWER STREETS BUREAU CHIEF

TRANSPORTATION DIRECTOR

Revisions — Date

Project Name and Location
N. Sycamore Street

Proposed Plan 5
From 19th St N.
To Lee Highway

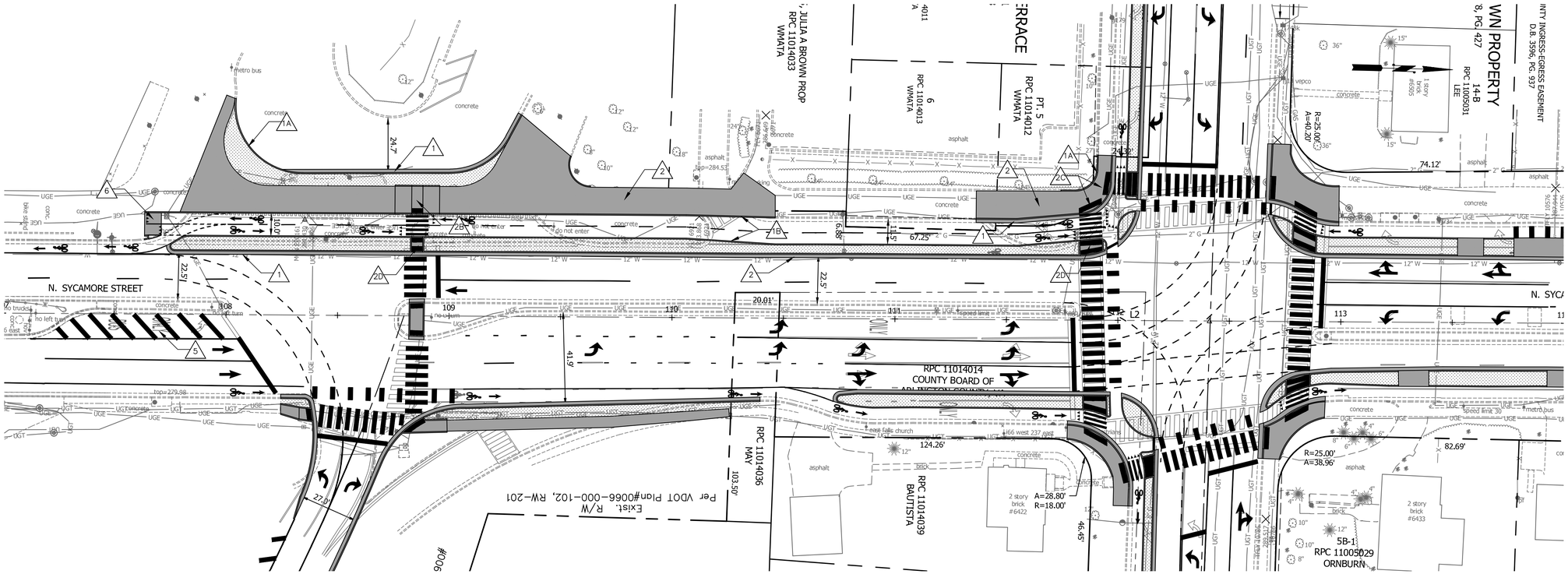
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Plotted: June 25, 2015
Plotted by: rwhitney

Scale: Hor: 1" = 25'
Vert: 1" = 5'

Sheet
12 of 21

N. Sycamore Street



CONSTRUCTION NOTES

1. NEW CURB AND CUTTER (C-20)
   ARLINGTON COUNTY STANDARD (R-2.0)

1A. NEW HEADER CURB (C-3)
   ARLINGTON COUNTY STANDARD (R-2.0)

1B. NEW MOUNTABLE 4" CURB (CG-3)
   VDOT ROAD AND BRIDGE STANDARDS (201.02)

2. NEW SIDEWALK (WIDTH VARIES)
   ARLINGTON COUNTY STANDARD (R-2.0)

2B. NEW HANDICAP RAMP (MODIFIED CG-12B)
   VDOT ROAD & BRIDGE STANDARDS (203.07)

2C. NEW HANDICAP RAMP (MODIFIED CG-12C)
   VDOT ROAD & BRIDGE STANDARDS (203.08)

2D. NEW MEDIAN CUT THROUGH WITH DETECTABLE WARNINGS (CG-12)
   VDOT ROAD AND BRIDGE STANDARDS (203.08A)

5. TURN LANE REMOVAL THROUGH PAVEMENT MARKINGS

6. SPECIAL DESIGN BICYCLE RAMP

LEGEND

Concrete

Grass/Utility/Bioswale Area

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DESIGN TEAM SUPERVISOR	
ENGINEERING BUREAU CHIEF	
WATER, SEWER STREETS BUREAU CHIEF	
TRANSPORTATION DIRECTOR	

Revisions	Date

Project Name and Location

N. Sycamore Street

Proposed Plan 6 - High Investment
Bus Entrance Alternative
From 19th St N.
To Lee Highway

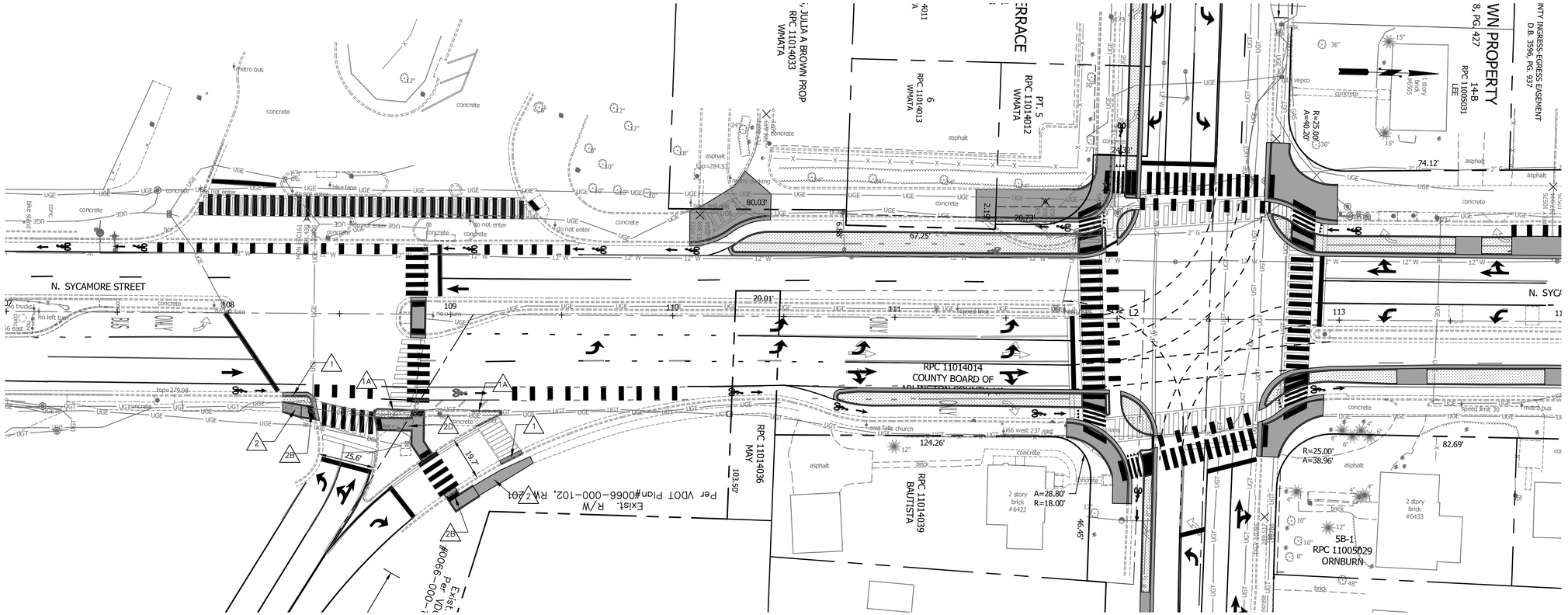
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Filename: PlanView.dwg
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Plotted: June 25, 2015
Plotted by: rwhitney

Scale: Hor: 1" = 25'
Vert: 1" = 5'

Sheet
13 of 21

N. Sycamore Street



CONSTRUCTION NOTES

1. NEW CURB AND CUTTER (C-20)
   ARLINGTON COUNTY STANDARD (R-2.0)

1A. NEW HEADER CURB (C-3)
   ARLINGTON COUNTY STANDARD (R-2.0)

2. NEW SIDEWALK (WIDTH VARIES)
   ARLINGTON COUNTY STANDARD (R-2.0)

2B. NEW HANDICAP RAMP (MODIFIED CG-12B)
   VDOT ROAD & BRIDGE STANDARDS (203.07)

2D. NEW MEDIAN CUT THROUGH WITH DETECTABLE WARNINGS (CG-12)
   VDOT ROAD AND BRIDGE STANDARDS (203.08A)

LEGEND

Concrete

Grass/Utility/Bioswale Area

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Approvals	Date
DESIGN TEAM SUPERVISOR	
ENGINEERING BUREAU CHIEF	
WATER, SEWER STREETS BUREAU CHIEF	
TRANSPORTATION DIRECTOR	

Revisions	Date

Project Name and Location

N. Sycamore Street

Proposed Plan 7 - Low Investment
I-66 EB Off Ramp Alternative
From 19th St N.
To Lee Highway

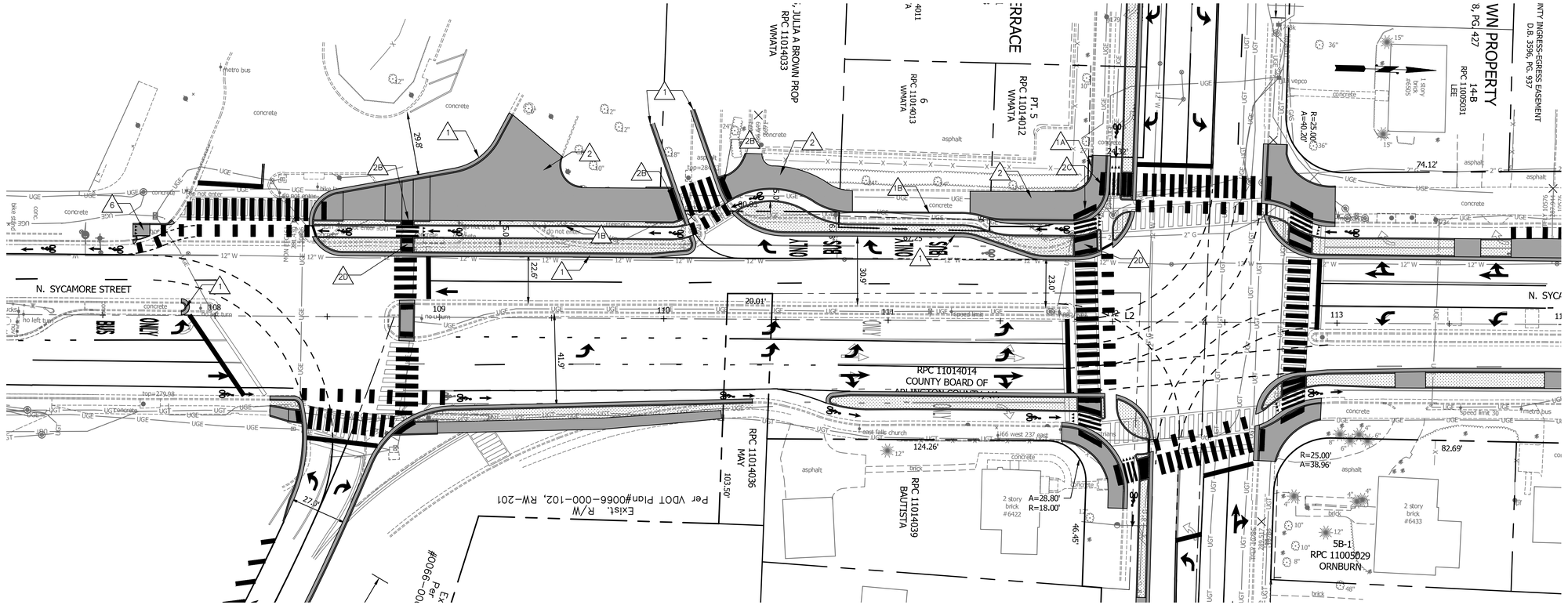
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Plotted: June 25, 2015
Plotted by: rwhitney

Scale: Hor: 1" = 25'
Vert: 1" = 5'

Sheet
14 of 21

N. Sycamore Street



CONSTRUCTION NOTES

1. NEW CURB AND CUTTER (C-20)
   ARLINGTON COUNTY STANDARD (R-2.0)

1A. NEW HEADER CURB (C-3)
   ARLINGTON COUNTY STANDARD (R-2.0)

1B. NEW MOUNTABLE 4" CURB (CG-3)
   VDOT ROAD AND BRIDGE STANDARDS (201.02)

2. NEW SIDEWALK (WIDTH VARIES)
   ARLINGTON COUNTY STANDARD (R-2.0)

2B. NEW HANDICAP RAMP (MODIFIED CG-12B)
   VDOT ROAD & BRIDGE STANDARDS (203.07)

2C. NEW HANDICAP RAMP (MODIFIED CG-12C)
   VDOT ROAD & BRIDGE STANDARDS (203.08)

2D. NEW MEDIAN CUT THROUGH WITH DETECTABLE WARNINGS (CG-12)
   VDOT ROAD AND BRIDGE STANDARDS (203.08A)

6. SPECIAL DESIGN BICYCLE RAMP

LEGEND

Concrete

Grass/Utility/Bioswale Area

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N. Sycamore Street

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Approvals	Date
DESIGN TEAM SUPERVISOR	
ENGINEERING BUREAU CHIEF	
WATER, SEWER STREETS BUREAU CHIEF	
TRANSPORTATION DIRECTOR	

Revisions	Date

Project Name and Location

N. Sycamore Street

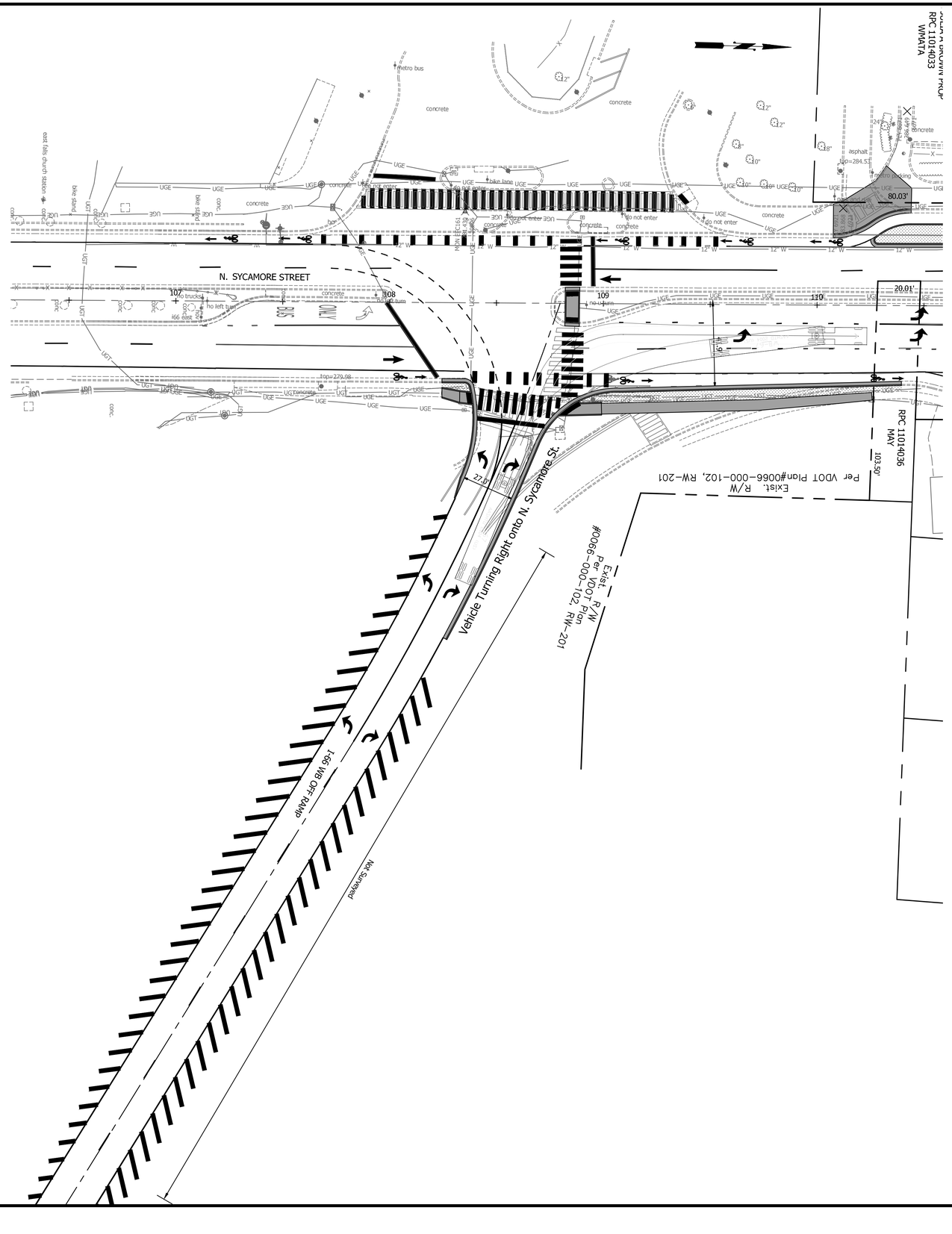
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Alternative Per WMATA Study
From 19th St N.
To Lee Highway

Designed:
Drawn:
Checked:
Miss Utility Transmittal #:

Filename: PlanView.dwg
Path:
Plotted: June 25, 2015
Plotted by: rwhitney

Scale: Hor: 1" = 25'
Vert: 1" = 5'

Sheet
15 of 21



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WATER, SEWER STREETS BUREAU CHIEF	
TRANSPORTATION DIRECTOR	

Revisions	Date

Project Name and Location
N. Sycamore Street

AutoTurn Exhibit 1 - High Investment
I-66 WB Off Ramp Alternative
From 19th St N.
To Lee Highway

Designed:
Drawn:
Checked:
Miss Utility Transmittal #:

Filename: PlanView.dwg
Path:
Plotted: June 25, 2015
Plotted by: rwhitney

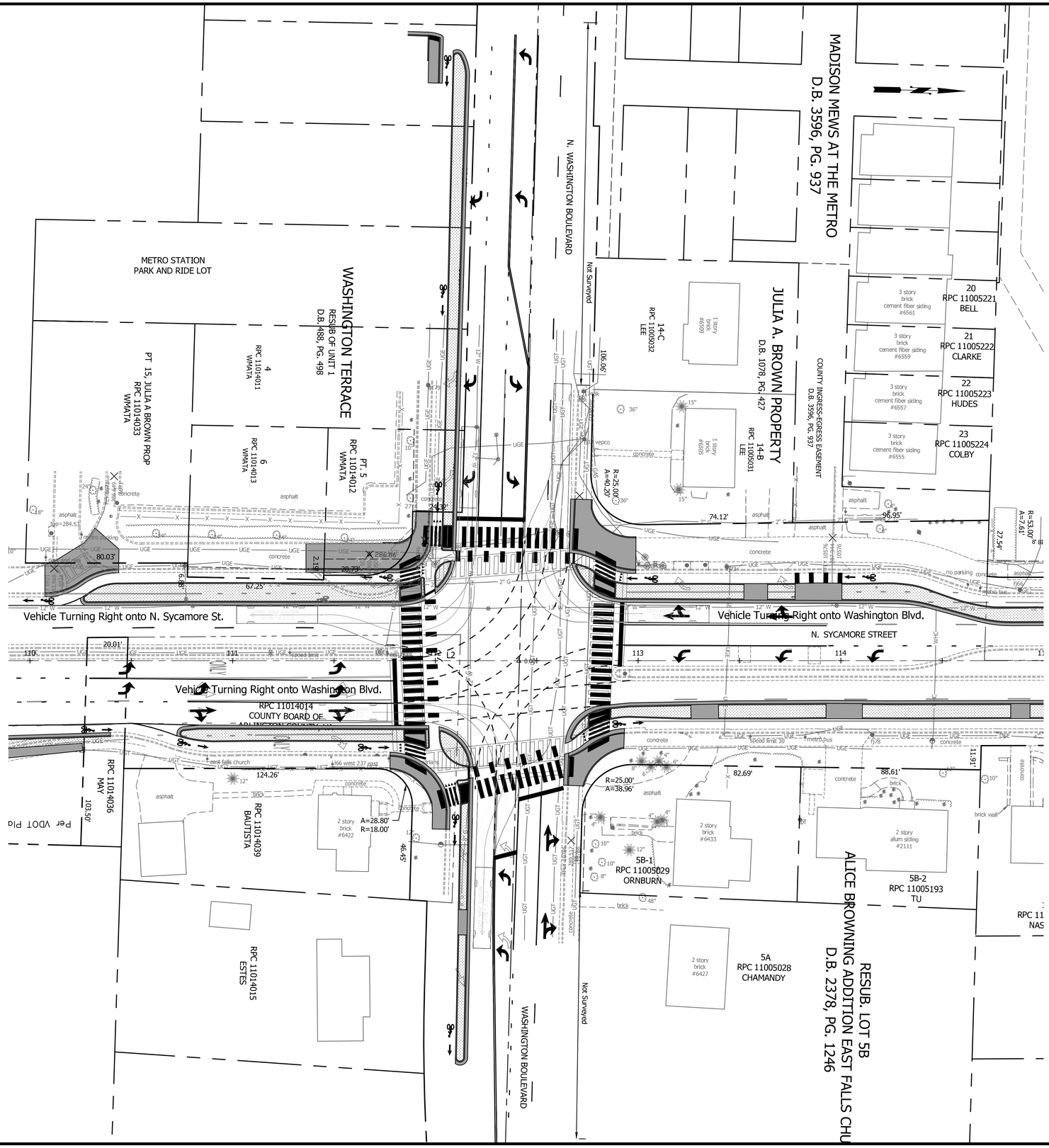
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Vert: 1" = 5'

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N. Sycamore Street



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DESIGN TEAM SUPERVISOR	
ENGINEERING BUREAU CHIEF	
WATER, SEWER STREETS BUREAU CHIEF	
TRANSPORTATION DIRECTOR	

Revisions	Date

Project Name and Location
N. Sycamore Street

AutoTurn Exhibit 2 - Washington Blvd.
Right Turns
From 19th St N.
To Lee Highway

Designed:
Drawn:
Checked:
Miss Utility Transmittal #:

Filename: PlanView.dwg
Path:
Plotted: June 25, 2015
Plotted by: rwhitney

Scale: Hor: 1" = 25'
Vert: 1" = 5'

Sheet
17 of 21

N. Sycamore Street

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WATER, SEWER STREETS BUREAU CHIEF	
TRANSPORTATION DIRECTOR	

Revisions	Date

Project Name and Location

N. Sycamore Street

AutoTurn Exhibit 3 - Washington Blvd.
Left Turns
From 19th St N.
To Lee Highway

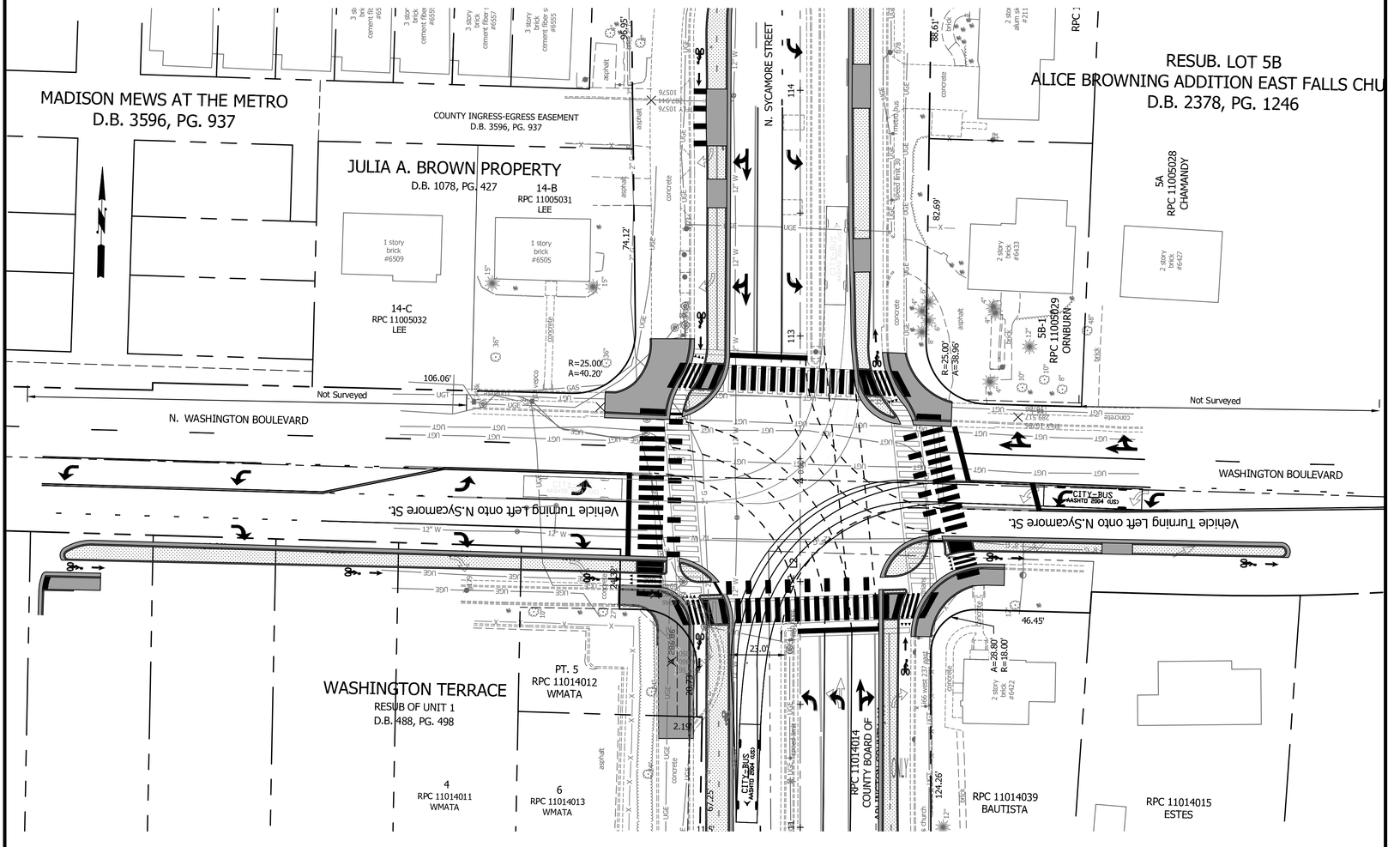
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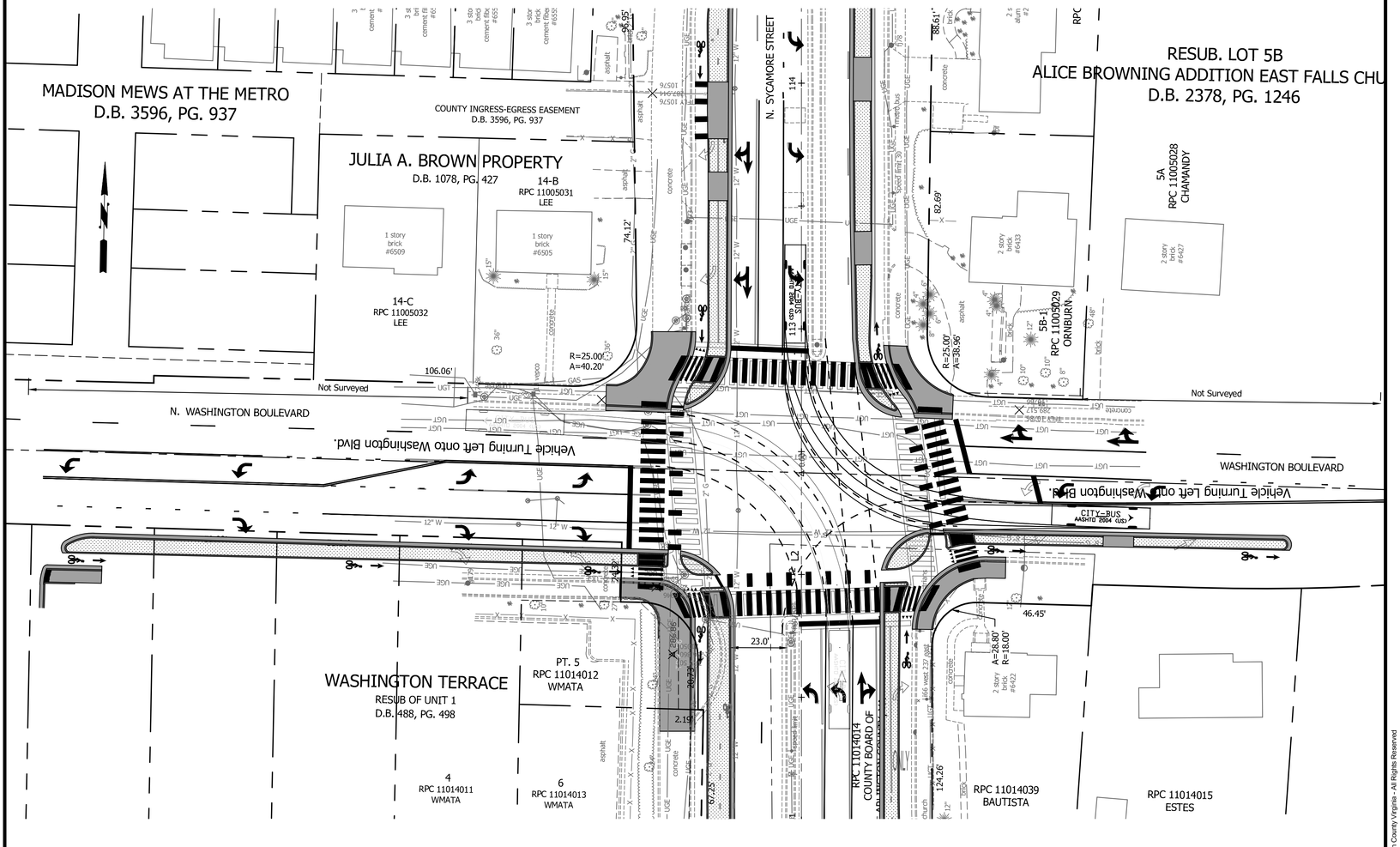
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Path:
Plotted: June 25, 2015
Plotted by: rwhitney

Scale: Hor: 1" = 25'
Vert: 1" = 5'

Sheet 18 of 21

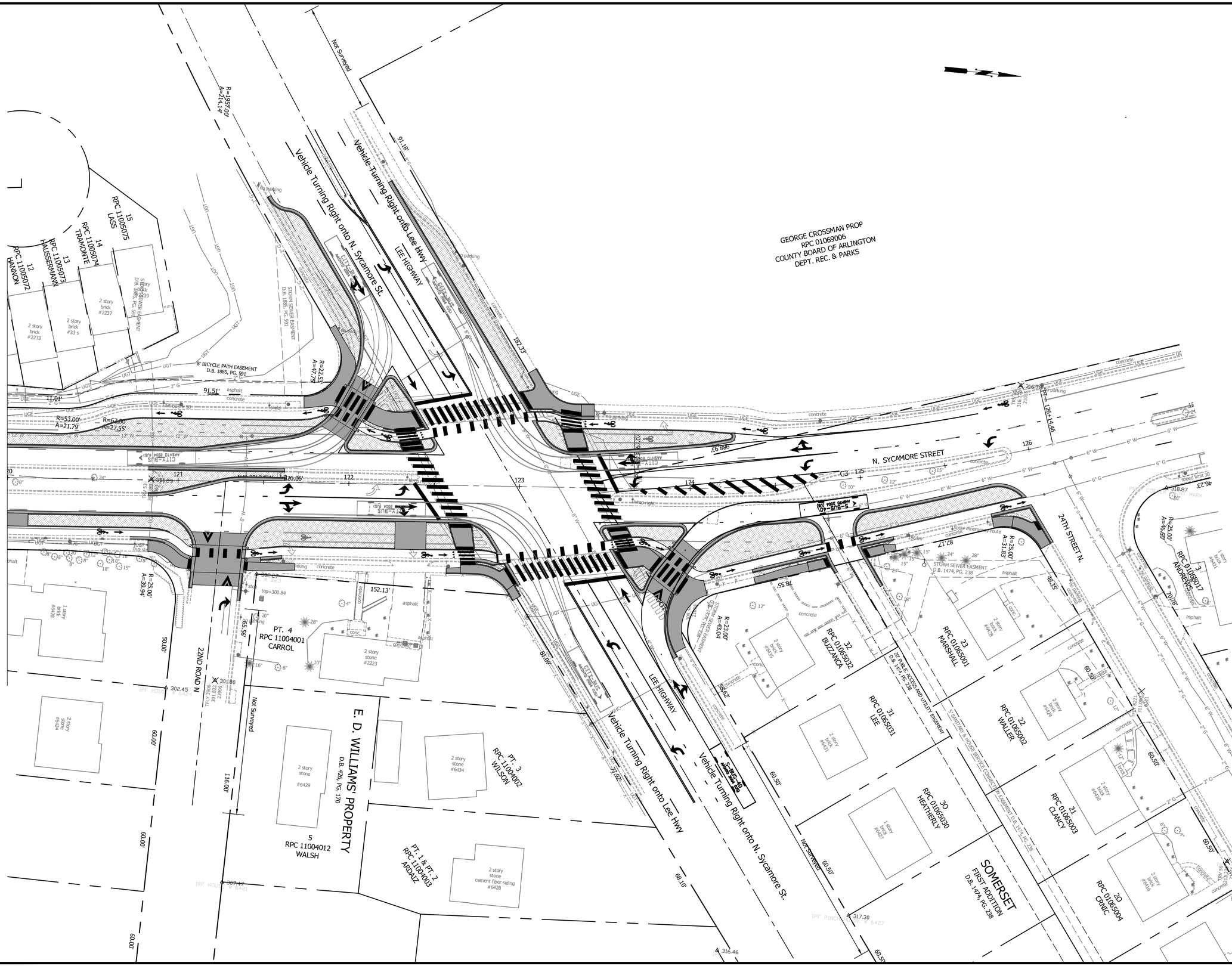
N. Sycamore Street

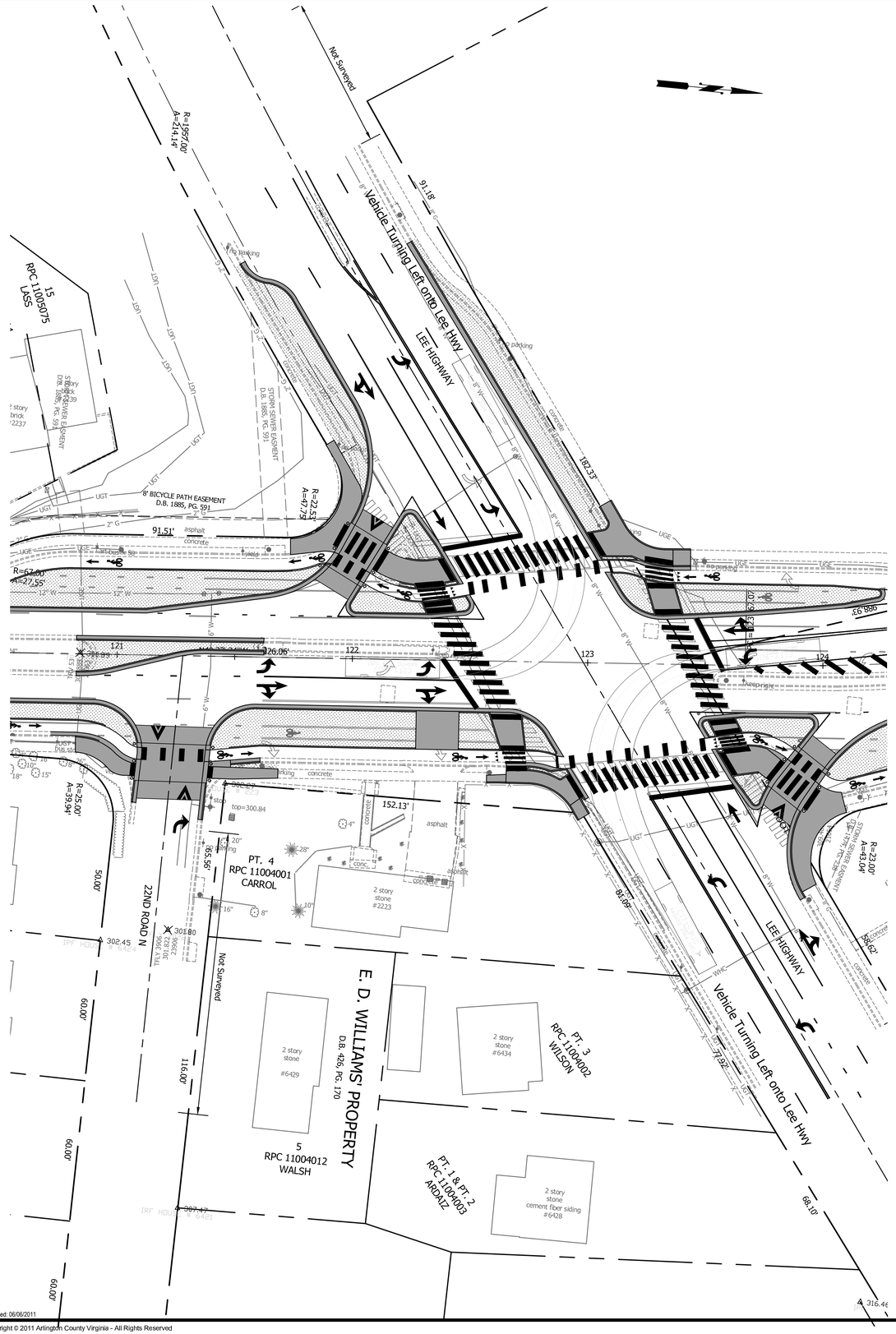




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Vehicle Turning Right onto N. Sycamore St.
Vehicle Turning Right onto Lee HWY
LEE HIGHWAY
Not Surveyed
R=1955.00'
A=2141.4"
91.18'
182.53'
GEORGE CROSSMAN PROP
RPC 01069006
COUNTY BOARD OF ARLINGTON
DEPT. REC. & PARKS
8' BICYCLE PATH EASEMENT
D.B. 1885, PG. 591
STORM SEWER EASEMENT
D.B. 1885, PG. 591
R=22.53'
A=47.75'
91.51'
asphalt
concrete
11.01'
R=53.00'
A=21.79'
R=67.00'
A=27.55'
N. SYCAMORE STREET
126.06'
121
122
123
124
125
C3
15
6" W
6" G
2" G
12" W
CITY-BUS
ASHTO BOOK (US)
Vehicle Turning Right onto Lee Hwy
Vehicle Turning Right onto N. Sycamore St.
LEE HIGHWAY
24TH STREET N.
22ND ROAD N
Not Surveyed
E. D. WILLIAMS' PROPERTY
D.B. 426, PG. 170
PT. 4
RPC 11004001
CARROL
PT. 3
RPC 11004002
WILSON
PT. 1 & PT. 2
RPC 11004003
ARDALZ
5
RPC 11004012
WALSH
15
RPC 11005075
LASS
14
RPC 11005074
TRAMONTE
13
RPC 11005073
HAUSSERMANN
12
RPC 11005072
HANNON
32
RPC 01065032
BUZZANCA
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LEE
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HETHERLY
23
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MARSHALL
22
RPC 01065002
WALLER
21
RPC 01065003
CLANCY
20
RPC 01065004
CRNIC
3
RPC 01068017
ANDRENYO
SOMERSET
FIRST ADDITION
D.B. 1474, PG. 238
STORM SEWER EASEMENT
D.B. 1474, PG. 238
PUBLIC ACCESS AND UTILITY EASEMENT
D.B. 1474, PG. 238
SANITARY SEWER EASEMENT
D.B. 1474, PG. 238
2 story brick #2233
2 story brick #33 s
2 story brick #2237
2 story brick #2239
1 story brick #6438
2 story stone #2223
2 story stone #6429
2 story stone #6434
2 story stone cement fiber siding #6428
1 story brick #6426
2 story brick #6425
2 story brick #6424
2 story brick #6421
1 story brick #6427
2 story brick #6431
2 story brick #6430
2 story brick #6420
2 story brick #6416
302.45
301.80
307.47
316.46
317.30
318.87
316.78
316.78
top=300.84
152.13'
55.56'
50.00'
60.00'
116.00'
68.10'
77.92'
55.98'
87.17'
46.23'
46.69'
R=25.00'
A=39.94'
R=25.00'
A=31.83'
R=25.00'
A=46.69'
R=23.00'
A=43.04'
55.96'
55.62'
60.50'
60.50'
60.50



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N. Sycamore Street

ARLINGTON
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DEPARTMENT OF
ENVIRONMENTAL SERVICES

Engineering & Capital Projects Division
Engineering Bureau
2100 Clarendon Boulevard, Suite 813
Arlington, VA 22201
Phone: 703.228.3629
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Seal

Approvals	Date
DESIGN TEAM SUPERVISOR	
ENGINEERING BUREAU CHIEF	
WATER, SEWER STREETS BUREAU CHIEF	
TRANSPORTATION DIRECTOR	

Revisions	Date

Project Name and Location

N. Sycamore Street

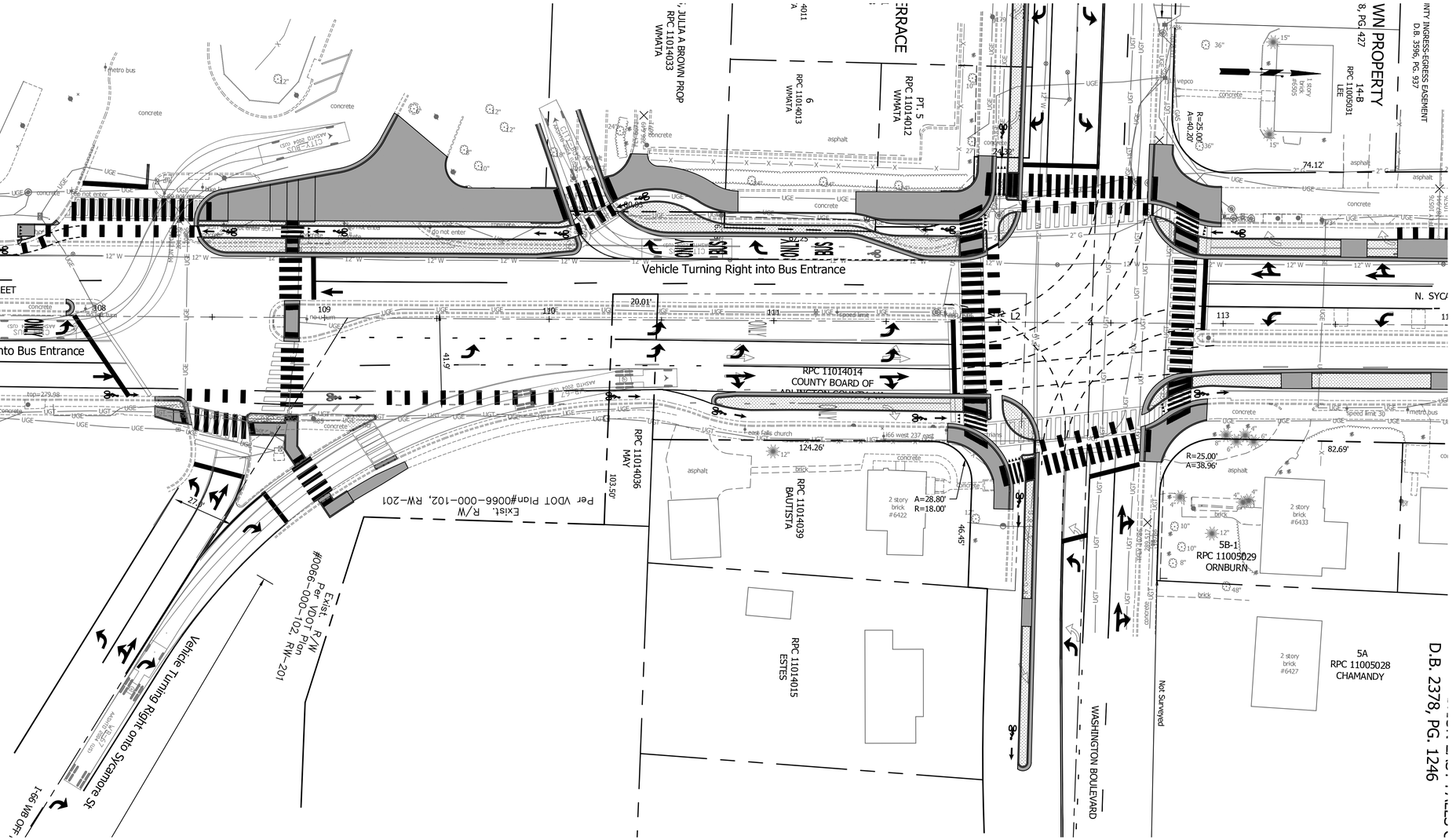
AutoTurn Exhibit 5 - Lee Hwy
Left Turns
From 19th St N.
To Lee Highway

Designed:
Drawn:
Checked:
Miss Utility Transmittal #:

Filename: PlanView.dwg
Path:
Plotted: June 25, 2015
Plotted by: rwhitney

Scale: Hor: 1" = 25'
Vert: 1" = 5'

Sheet
20 of 21



Revised: 06/06/2011

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TRANSPORTATION DIRECTOR	

Revisions	Date

Project Name and Location

N. Sycamore Street

AutoTurn Exhibit 6 - Bus Entrance
Alternative per WMATA Study
From 19th St N.
To Lee Highway

Designed:
Drawn:
Checked:
Miss Utility Transmittal #:

Filename: PlanView.dwg
Path:
Plotted: June 25, 2015
Plotted by: rwhitney

Scale: Hor: 1" = 25'
Vert: 1" = 5'

Sheet
21 of 21

N. Sycamore Street