

PI = 101+08.74
 DELTA = 04°01'11.04" (RT)
 D = 01°50'57"
 T = 108.74'
 L = 217.38'
 R = 3,098.50'
 PC = 100+00.00
 PT = 102+17.38
 e = MATCH EXISTING
 V = 35 MPH

PI = 11+15.41
 DELTA = 47°37'23.99" (LT)
 D = 57°17'45"
 T = 44.13'
 L = 83.12'
 R = 100.00'
 PC = 10+71.28
 PT = 11+54.40
 e = 2%
 V = 23 MPH

Whitman, Reardon & Associates
 Richmond, Virginia
 ROADWAY ENGINEER

Whitman, Reardon & Associates
 Richmond, Virginia
 HYDRAULIC ENGINEER

SURVEYED BY: H&B SURVEYING & MAPPING LLC...
 SUPERVISED BY: MSV...
 DESIGNED BY: ADW...

MATCHLINE STA. 17+25.00 - SEE SHEET 4

- LEGEND**
- ST'D. RICHMOND CURB & GUTTER REQ'D.
 - ST'D. RICHMOND CURB REQ'D.
 - ST'D. VDOT CG-12 TYPE B REQ'D.
 - FULL DEPTH SAW CUT REQ'D.
 - PEDESTRIAN DETECTABLE WARNING SURFACE REQ'D.
 - ST'D. VDOT MS-1A REQ'D.
 - ST'D. VDOT CG-6 REQ'D.
 - ST'D. VDOT HR-1 TYPE III REQ'D.
 - CHESAPEAKE BAY RMA BOUNDARY
- Denotes Construction Limits In Cuts
 Denotes Construction Limits In Fills
 Denotes Proposed Full Depth Road/10' Wide Trail Pavement
 Denotes Pavement Milling and Overlay
 Denotes Demolition of Pavement
 Denotes Demolition of Sidewalk
 Denotes Hydraulic Cement Conc. Sidewalk 4"
- Note: Figures in brackets and dot-dashed lines denote Permanent Easements.
 Note: Figures in parenthesis and dot-dot-dashed lines denote Temporary Easements.

REFERENCES

SHEET	DESCRIPTION
2M(1)-2M(2)	TYPICAL SECTIONS
3A, 3B, 3C	TRAIL PROFILE, E&S PLANS
15D	CONNECTION PROFILES
16(1)-16(9)	PAVE, MARK, & SIGNING PLANS
17(1)-17(7)	LIGHTING PLANS
18(1)-18(7)	TRAFFIC SIGNAL PLANS
19(1)-19(5)	UTILITY PLANS
20(1)-20(15)	LANDSCAPE PLANS
2D	DRAINAGE DESCRIPTIONS

Total Site Area	9.81 Acres
Total ChesBay Area	1.26 Acres
Amount of Impervious Area	1.7 Acres
Amount of Impervious area in ChesBay	0.37 Acres
Amount of Open/Forested Space on Site	0 Acres
Amount of Open/Forested Space in ChesBay	0 Acres
Percentage of Impevous Area for Existing Conditions	0.82 %
Percentage of Impevous Area for Proposed Conditions	17.33 %

60% PLANS

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

NOTES

- Lot dimensions in parentheses are from deed.
- Property owners correct as of 20
- Ordinance Number
- Adopted
- Accepted

REFERENCES
 RL-XX RW, NS, SW, SE

REVISIONS

NO.	DESCRIPTION
1	Existing Curb & Gutter
2	Sidewalk
3	Basin
4	Storm Sewer
5	Sewer Manhole
6	Sanitary Sewer
7	Sanitary Sewer Manhole
8	Gas Line
9	Electric Line
10	Telephone/Telegraph
11	TV Cable
12	Water Line
13	Tree / Stial. Tree To Be Removed / Stump
14	Property Line

LEGEND

Existing Curb Cut Ramp	Proposed Conc. Sidewalk
Coping	Water Valve
Alley Crossing/Driveway	Water Meter
Fire Hydrant	Gas Drip
Edge of Pavement	Gas Valve
Fence	Telephone Manhole
Cornerstone	Electric Manhole
Property Pin	Proposed Curb Cut Ramp
Utility Pole	Decorative Light
Proposed Sewer Manhole	Conduit
Basin	Conduit (Conc. Encased)
Curb & Gutter	Retaining Wall
Asphalt	



Technical	Administrative
Survey Superintendent	Capital Project Administrator
Project Engineer	Deputy Director for Transportation / Public Works
Maintenance Engineer	Director of Public Works
City Traffic Engineer	

JAMES RIVER BRANCH - RAIL TO TRAIL GREENWAY PROJECT

PLAN

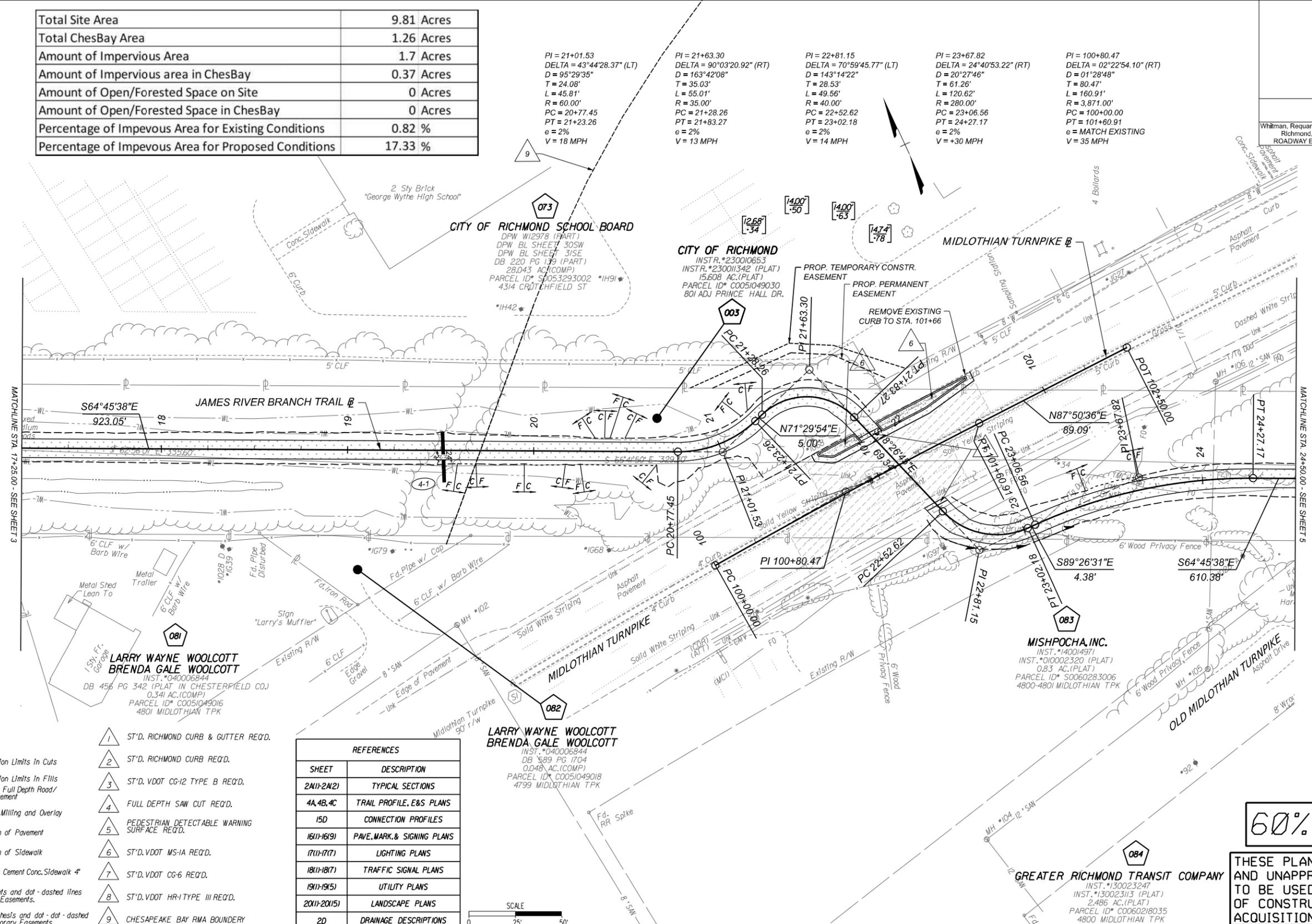
DESIGN BY: ADW
 DRAWN BY: JLD
 CHECKED BY: MSV

REVIEWED BY: []
 FIELD NOTES: []
 SCALE: 1"=25'
 DATE: FEBRUARY 2024
 SHEET: 3
 DRAWING NO.: 0-29054

Total Site Area	9.81 Acres
Total ChesBay Area	1.26 Acres
Amount of Impervious Area	1.7 Acres
Amount of Impervious area in ChesBay	0.37 Acres
Amount of Open/Forested Space on Site	0 Acres
Amount of Open/Forested Space in ChesBay	0 Acres
Percentage of Impevous Area for Existing Conditions	0.82 %
Percentage of Impevous Area for Proposed Conditions	17.33 %

Whitman, Reardon & Associates
Richmond, Virginia
ROADWAY ENGINEER

Whitman, Reardon & Associates
Richmond, Virginia
HYDRAULIC ENGINEER



PI = 21+01.53
DELTA = 43°44'28.37" (LT)
D = 95°29'35"
T = 24.08'
L = 45.81'
R = 60.00'
PC = 20+77.45
PT = 21+23.26
e = 2%
V = 18 MPH

PI = 21+63.30
DELTA = 90°03'20.92" (RT)
D = 163°42'08"
T = 35.03'
L = 55.01'
R = 35.00'
PC = 21+28.26
PT = 21+83.27
e = 2%
V = 13 MPH

PI = 22+81.15
DELTA = 70°59'45.77" (LT)
D = 143°14'22"
T = 28.53'
L = 49.56'
R = 40.00'
PC = 22+52.62
PT = 23+02.18
e = 2%
V = 14 MPH

PI = 23+67.82
DELTA = 24°40'53.22" (RT)
D = 20°27'46"
T = 61.26'
L = 120.62'
R = 280.00'
PC = 23+06.56
PT = 24+27.17
e = 2%
V = +30 MPH

PI = 100+80.47
DELTA = 02°22'54.10" (RT)
D = 01°28'48"
T = 80.47'
L = 160.91'
R = 3,871.00'
PC = 100+00.00
PT = 101+60.91
e = MATCH EXISTING
V = 35 MPH

CITY OF RICHMOND SCHOOL BOARD
DPW W12978 (PART)
DPW BL SHEET 30SW
DPW BL SHEET 31SE
DB 220 PG 139 (PART)
28.043 AC.(COMP)
PARCEL ID* S0053293002
4314 CRITCHFIELD ST

CITY OF RICHMOND
INST. #230010653
INST. #23001342 (PLAT)
15.608 AC.(PLAT)
PARCEL ID* C0051049030
801 ADJ PRINCE HALL DR.

**LARRY WAYNE WOOLCOTT
BRENDA GALE WOOLCOTT**
INST. #040006844
DB 456 PG 342 (PLAT IN CHESTERFIELD CO.)
0.341 AC.(COMP)
PARCEL ID* C0051049016
4801 MIDLOTHIAN TPK

**LARRY WAYNE WOOLCOTT
BRENDA GALE WOOLCOTT**
INST. #040006844
DB 389 PG 1704
0.048 AC.(COMP)
PARCEL ID* C0051049018
4799 MIDLOTHIAN TPK

MISHPOCHA, INC.
INST. #140014971
INST. #010002320 (PLAT)
0.83 AC.(PLAT)
PARCEL ID* S0060283006
4800-4801 MIDLOTHIAN TPK

GREATER RICHMOND TRANSIT COMPANY
INST. #130023247
INST. #130023113 (PLAT)
2.486 AC.(PLAT)
PARCEL ID* C0060218035
4800 MIDLOTHIAN TPK

- LEGEND**
- 1 ST'D. RICHMOND CURB & GUTTER REQ'D.
 - 2 ST'D. RICHMOND CURB REQ'D.
 - 3 ST'D. VDOT CG-12 TYPE B REQ'D.
 - 4 FULL DEPTH SAW CUT REQ'D.
 - 5 PEDESTRIAN DETECTABLE WARNING SURFACE REQ'D.
 - 6 ST'D. VDOT MS-1A REQ'D.
 - 7 ST'D. VDOT CG-6 REQ'D.
 - 8 ST'D. VDOT HR-1 TYPE III REQ'D.
 - 9 CHESAPEAKE BAY RMA BOUNDARY
- Denotes Construction Limits In Cuts
Denotes Construction Limits In Fills
Denotes Proposed Full Depth Road/10' Wide Trail Pavement
Denotes Pavement Milling and Overlay
Denotes Demolition of Pavement
Denotes Demolition of Sidewalk
Denotes Hydraulic Cement Conc. Sidewalk 4"
- Note: Figures in brackets and dot-dashed lines denote Permanent Easements.
Note: Figures in parenthesis and dot-dot-dashed lines denote Temporary Easements.

REFERENCES

SHEET	DESCRIPTION
2M11-2M21	TYPICAL SECTIONS
4A, 4B, 4C	TRAIL PROFILE, E&S PLANS
15D	CONNECTION PROFILES
1611-1619	PAVE, MARK, & SIGNING PLANS
1711-1717	LIGHTING PLANS
1811-1817	TRAFFIC SIGNAL PLANS
1911-1915	UTILITY PLANS
2011-2015	LANDSCAPE PLANS
2D	DRAINAGE DESCRIPTIONS



60% PLANS

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

NOTES	REVISIONS	LEGEND
1. Lot dimensions in parentheses are from deed. 2. Property owners correct as of 20 3. Ordinance Number 4. Adopted 5. Accepted		<p>Existing Curb & Gutter</p> <ul style="list-style-type: none"> Basin Storm Sewer Sewer Manhole Sanitary Sewer Manhole Sanitary Sewer Manhole Gas Line Electric Line Telephone/Telegraph TV Cable Water Line Tree / Stial Tree To Be Removed / Stump Property Line <p>Proposed Curb & Gutter</p> <ul style="list-style-type: none"> Basin Curb & Gutter Asphalt <p>Proposed Conc. Sidewalk</p> <ul style="list-style-type: none"> Brick Sidewalk Castings/Water Valve Water Meter Gas Drip Gas Valve Telephone Manhole Electric Manhole <p>Proposed Curb Cut Ramp</p> <ul style="list-style-type: none"> Decorative Light Conduit Conduit (Conc. Encased) Retaining Wall

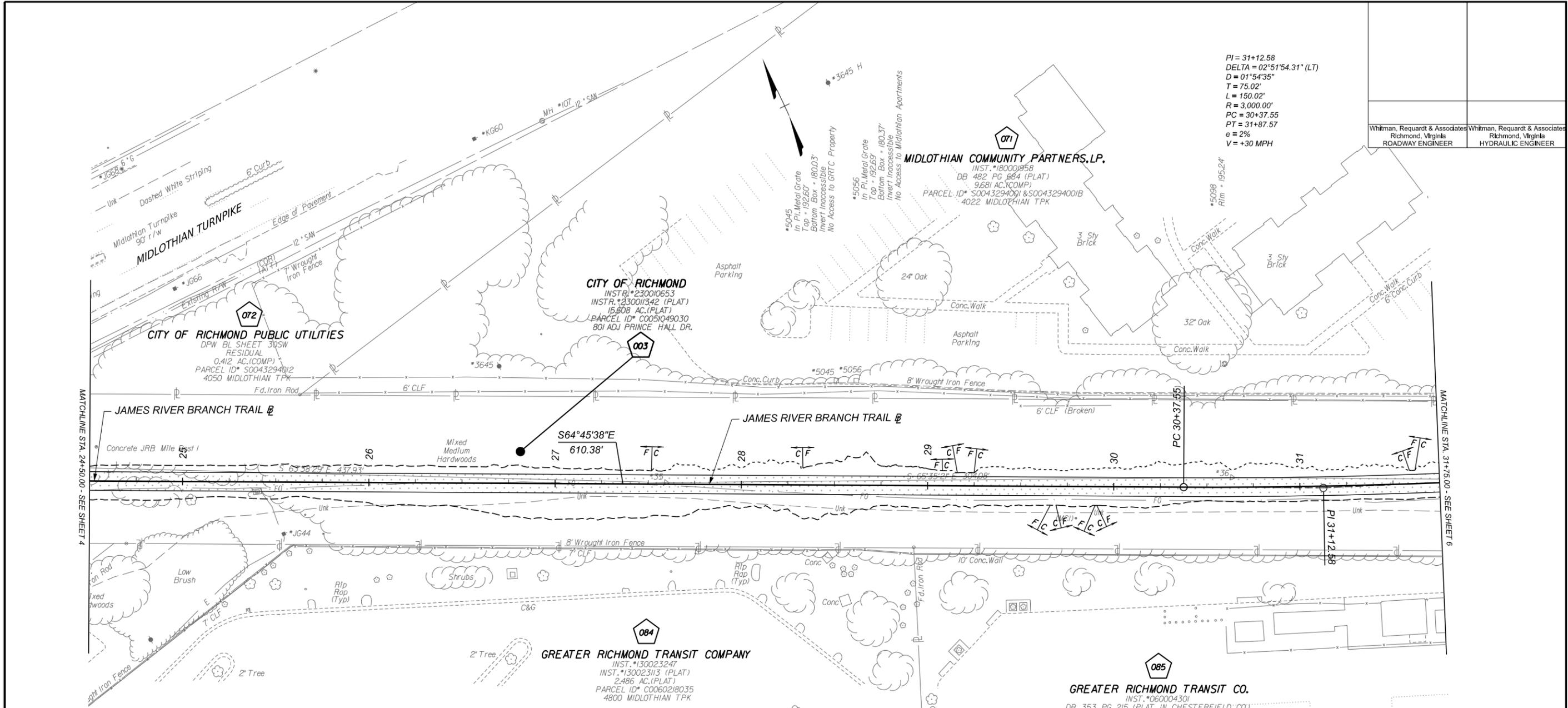
Technical	Administrative
Survey Superintendent	Capital Project Administrator
Project Engineer	Deputy Director for Transportation / Public Works
Maintenance Engineer	Director of Public Works
City Traffic Engineer	

DEPARTMENT OF PUBLIC WORKS
RICHMOND, VIRGINIA

JAMES RIVER BRANCH - RAIL TO TRAIL GREENWAY PROJECT			
PLAN			
DESIGN BY:	REVIEWED BY:	FIELD NOTES	SCALE
ADW	JLD		1"=25'
CHKD BY:	MSV		DATE
			FEBRUARY 2024
			SHEET
			4
			DRAWING NO.
			0-29054

SURVEYED BY: H&B SURVEYING & MAPPING LLC...
 SUPERVISED BY: MSV...
 DESIGNED BY: ADW...

SURVEYED BY: H&B SURVEYING & MAPPING LLC...
 SUPERVISED BY: MSV...
 DESIGNED BY: ADW...



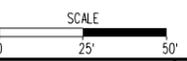
PI = 31+12.58
 DELTA = 02°51'54.31" (LT)
 D = 01°54'35"
 T = 75.02'
 L = 150.02'
 R = 3,000.00'
 PC = 30+37.55
 PT = 31+87.57
 e = 2%
 V = +30 MPH

Whitman, Reardon & Associates Richmond, Virginia ROADWAY ENGINEER	Whitman, Reardon & Associates Richmond, Virginia HYDRAULIC ENGINEER
---	---

LEGEND

- ST'D. RICHMOND CURB & GUTTER REQ'D.
 - ST'D. RICHMOND CURB REQ'D.
 - ST'D. VDOT CG-12 TYPE B REQ'D.
 - FULL DEPTH SAW CUT REQ'D.
 - PEDESTRIAN DETECTABLE WARNING SURFACE REQ'D.
 - ST'D. VDOT MS-1A REQ'D.
 - ST'D. VDOT CG-6 REQ'D.
 - ST'D. VDOT HR-1 TYPE III REQ'D.
 - CHESAPEAKE BAY RMA BOUNDARY
- [C] Denotes Construction Limits In Cuts
 [F] Denotes Construction Limits In Fills
 [Dotted] Denotes Proposed Full Depth Road/10' Wide Trail Pavement
 [Diagonal Lines] Denotes Pavement Milling and Overlay
 [Cross-hatch] Denotes Demolition of Pavement
 [Horizontal Lines] Denotes Demolition of Sidewalk
 [Stippled] Denotes Hydraulic Cement Conc. Sidewalk 4"
- Note: Figures in brackets and dot-dashed lines denote Permanent Easements.
 Note: Figures in parenthesis and dot-dot-dashed lines denote Temporary Easements.

REFERENCES	
SHEET	DESCRIPTION
2M(1)-2M(2)	TYPICAL SECTIONS
5A, 5B, 5C	TRAIL PROFILE, E&S PLANS
15D	CONNECTION PROFILES
16(1)-16(9)	PAVE, MARK, & SIGNING PLANS
17(1)-17(7)	LIGHTING PLANS
18(1)-18(7)	TRAFFIC SIGNAL PLANS
19(1)-19(5)	UTILITY PLANS
20(1)-20(15)	LANDSCAPE PLANS
2D	DRAINAGE DESCRIPTIONS

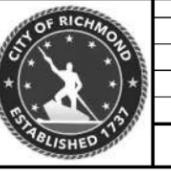


60% PLANS

THESE PLANS ARE UNFINISHED
 AND UNAPPROVED AND ARE NOT
 TO BE USED FOR ANY TYPE
 OF CONSTRUCTION OR THE
 ACQUISITION OF RIGHT OF WAY.

NOTES	REVISIONS
1. Lot dimensions in parenthesis are from deed.	
2. Property owners correct as of 20	
3. Ordinance Number	
4. Adopted	
5. Accepted	

LEGEND	
Existing Curb	
Existing Curb Cut Ramp	
Sidewalk	
Basin	
Storm Sewer	
Sewer Manhole	
Sanitary Sewer Manhole	
Sanitary Sewer Manhole	
Gas Line	
Electric Line	
Telephone/Telegraph	
TV Cable	
Water Line	
Tree / Stial. Tree To Be Removed / Stump	
Property Line	



Technical	Administrative
Survey Superintendent	
Project Engineer	Capital Project Administrator
Maintenance Engineer	Deputy Director for Transportation / Public Works
City Traffic Engineer	Director of Public Works

DEPARTMENT OF PUBLIC WORKS
 RICHMOND, VIRGINIA

JAMES RIVER BRANCH - RAIL TO TRAIL GREENWAY PROJECT				
<h1>PLAN</h1>				
DESIGN BY: ADW	REVIEWED BY:	FIELD NOTES	SCALE: 1"=25'	DATE: FEBRUARY 2024
CHECKED BY: MSV			SHEET: 5	DRAWING NO.: 0-29054

SURVEYED BY: H&B SURVEYING & MAPPING LLC...
 SUPERVISED BY: MSV...
 DESIGNED BY: ADW...

PI = 31+12.58
 DELTA = 02°51'54.31" (LT)
 D = 01°54'35"
 T = 75.02'
 L = 150.02'
 R = 3,000.00'
 PC = 30+37.55
 PT = 31+87.57
 e = 2%
 V = +30 MPH

PI = 33+12.61
 DELTA = 02°51'54.31" (RT)
 D = 01°08'45"
 T = 125.04'
 L = 250.03'
 R = 6,000.00'
 PC = 31+87.57
 PT = 34+37.59
 e = 2%
 V = +30 MPH

PI = 10+42.18
 DELTA = 59°17'48.36" (RT)
 D = 143°14'22"
 T = 22.77'
 L = 41.40'
 R = 40.00'
 PC = 10+19.41
 PT = 10+60.81
 e = 2%
 V = 14 MPH

Whitman, Reardon & Associates
 Richmond, Virginia
 ROADWAY ENGINEER

Whitman, Reardon & Associates
 Richmond, Virginia
 HYDRAULIC ENGINEER

MIDLOTHIAN COMMUNITY PARTNERS, LP.
 INST. #180001958
 DB 482 PG 684 (PLAT)
 9.681 AC.(COMP)
 PARCEL ID# S0043294001 & S0043294001B
 4022 MIDLOTHIAN TPK

CITY OF RICHMOND
 INSTR. #230010653
 INSTR. #230011342 (PLAT)
 15.608 AC.(PLAT)
 PARCEL ID# C0051049030
 801 ADJ PRINCE HALL DR.

CITY OF RICHMOND PUBLIC UTILITIES
 NO REFERENCE
 DB 482 PG 684 (ADJ PLAT)
 0.885 AC.(COMP)
 PARCEL ID# S0043294002
 4000 MIDLOTHIAN TPK REAR

PAULINE FINNEY-MOORE
 DB 436 PG 814
 PB 04 PG 125
 0.405 AC.(COMP)
 PARCEL ID# S0043330105
 3924 PEYTON AVE

GREATER RICHMOND TRANSIT CO.
 INST. #060004301
 DB 353 PG 215 (PLAT IN CHESTERFIELD CO.)
 4.851 AC.(COMP)
 PARCEL ID# C0060218034
 217 A BELT BLVD

GREATER RICHMOND TRANSIT CO.
 INST. #060004301
 DB 353 PG 215 (PLAT IN CHESTERFIELD CO.)
 6.846 AC.(COMP)
 PARCEL ID# C0060154004
 221 BELT BLVD

LEGEND

- ST'D. RICHMOND CURB & GUTTER REQ'D.
 - ST'D. RICHMOND CURB REQ'D.
 - ST'D. VDOT CG-12 TYPE B REQ'D.
 - FULL DEPTH SAW CUT REQ'D.
 - PEDESTRIAN DETECTABLE WARNING SURFACE REQ'D.
 - ST'D. VDOT MS-1A REQ'D.
 - ST'D. VDOT CG-6 REQ'D.
 - ST'D. VDOT HR-1 TYPE III REQ'D.
 - CHESAPEAKE BAY RMA BOUNDARY
- Note: Figures in brackets and dot - dashed lines denote Permanent Easements.
 Note: Figures in parenthesis and dot - dot - dashed lines denote Temporary Easements.

REFERENCES	
SHEET	DESCRIPTION
2(11)-2(12)	TYPICAL SECTIONS
6A,6B,6C	TRAIL PROFILE, E&S PLANS
15D	CONNECTION PROFILES
16(11)-16(9)	PAVE, MARK, & SIGNING PLANS
17(11)-17(7)	LIGHTING PLANS
18(11)-18(7)	TRAFFIC SIGNAL PLANS
19(11)-19(5)	UTILITY PLANS
20(11)-20(15)	LANDSCAPE PLANS
2D	DRAINAGE DESCRIPTIONS

Total Site Area	9.81 Acres
Total ChesBay Area	1.26 Acres
Amount of Impervious Area	1.7 Acres
Amount of Impervious area in ChesBay	0.37 Acres
Amount of Open/Forested Space on Site	0 Acres
Amount of Open/Forested Space in ChesBay	0 Acres
Percentage of Impevous Area for Existing Conditions	0.82 %
Percentage of Impevous Area for Proposed Conditions	17.33 %

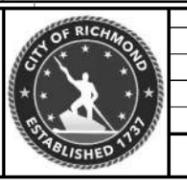
60% PLANS

THESE PLANS ARE UNFINISHED
 AND UNAPPROVED AND ARE NOT
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 OF CONSTRUCTION OR THE
 ACQUISITION OF RIGHT OF WAY.

NOTES
 1. Lot dimensions in parentheses are from deed.
 2. Property owners correct as of 20...
 3. Ordinance Number
 4. Adopted
 5. Accepted

REVISIONS
 Existing Curb & Gutter
 Sidewalk
 Basin
 Storm Sewer
 Sewer Manhole
 Sanitary Sewer Manhole
 Sanitary Sewer Manhole
 Gas Line
 Electric Line
 Telephone/Telegraph
 TV Cable
 Water Line
 Tree / Stial. Tree To Be Removed / Stump
 Property Line

LEGEND
 Existing Curb Cut Ramp
 Coping
 Alley Crossing/Driveway
 Fire Hydrant
 Edge of Pavement
 Fence
 Cornerstone
 Property Pin
 Utility Pole
 Proposed Sewer Manhole
 Basin
 Curb & Gutter
 Asphalt



Technical	Administrative
Survey Superintendent	Capital Project Administrator
Project Engineer	Deputy Director for Transportation / Public Works
Maintenance Engineer	Director of Public Works
City Traffic Engineer	

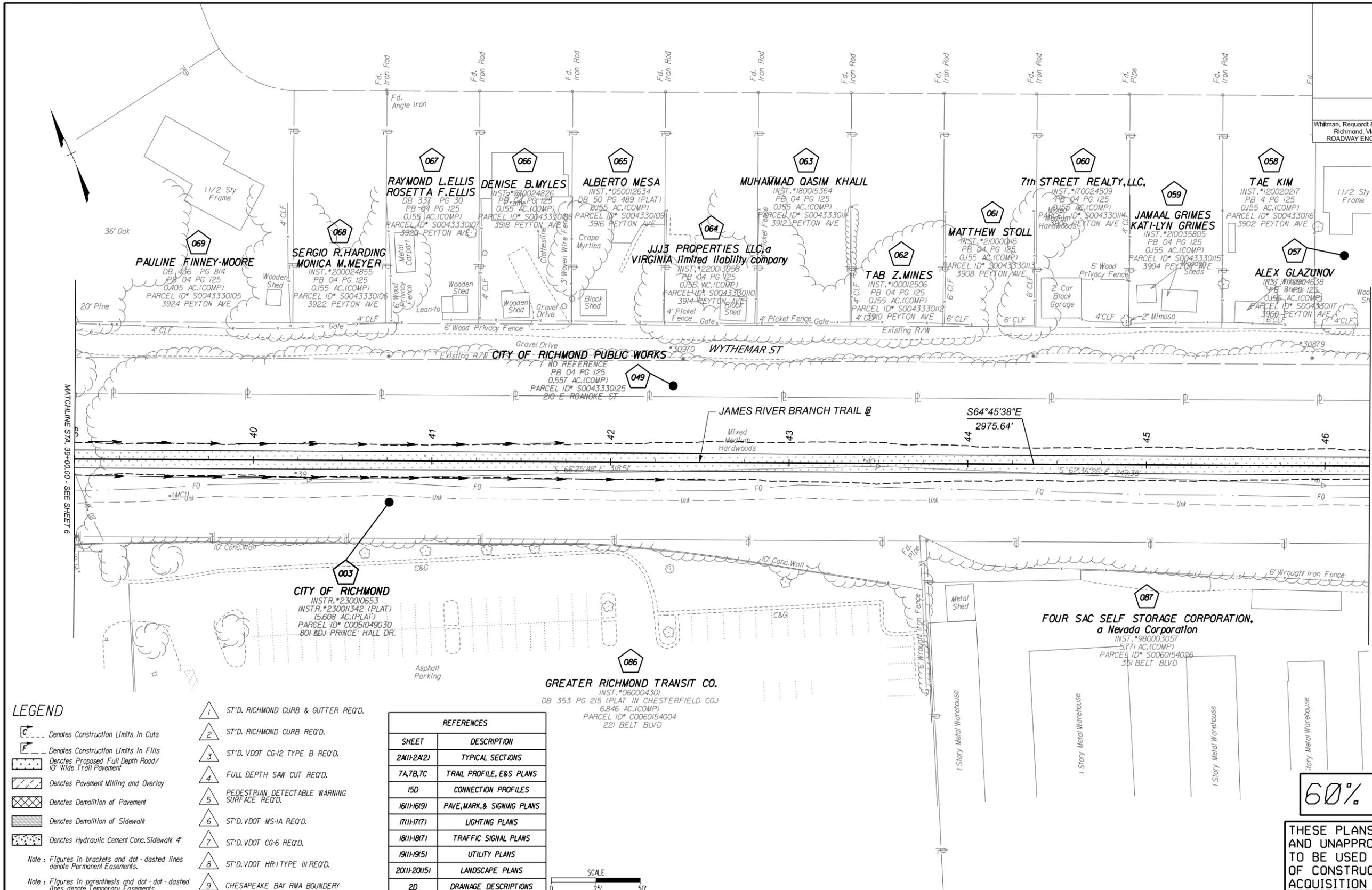
JAMES RIVER BRANCH - RAIL TO TRAIL GREENWAY PROJECT

PLAN

DESIGN BY: ADW	REVIEWED BY:	FIELD NOTES	SCALE: 1"=25'	DATE: FEBRUARY 2024	SHEET: 6	DRAWING NO.: 0-29054
CHECKED BY: MSV						

SURVEYED BY: H&B SURVEYING & MAPPING LLC...
 SUPERVISED BY: MSV...
 DESIGNED BY: ADW...

Whitman, Requardt & Associates
 Richmond, Virginia
 ROADWAY ENGINEER
 Whitman, Requardt & Associates
 Richmond, Virginia
 HYDRAULIC ENGINEER



LEGEND

- Denotes Construction Limits in Cuts
- Denotes Construction Limits in Fills
- Denotes Proposed Full Depth Road/10' Wide Trail Pavement
- Denotes Pavement Milling and Overlay
- Denotes Demolition of Pavement
- Denotes Demolition of Sidewalk
- Denotes Hydraulic Cement Conc. Sidewalk 4"

Note: Figures in brackets and dot - dashed lines denote Permanent Easements.
 Note: Figures in parenthesis and dot - dot - dashed lines denote Temporary Easements.

NOTES

- Lot dimensions in parenthesis are from deed.
- Property owners correct as of 2020.
- Ordinance Number
- Adopted
- Accepted

REFERENCES

SHEET	DESCRIPTION
2M11-2M21	TYPICAL SECTIONS
7A,7B,7C	TRAIL PROFILE, E&S PLANS
15D	CONNECTION PROFILES
16(11-16(9)	PAVE, MARK, & SIGNING PLANS
17(11-17(7)	LIGHTING PLANS
18(11-18(7)	TRAFFIC SIGNAL PLANS
19(11-19(5)	UTILITY PLANS
20(11-20(15)	LANDSCAPE PLANS
2D	DRAINAGE DESCRIPTIONS

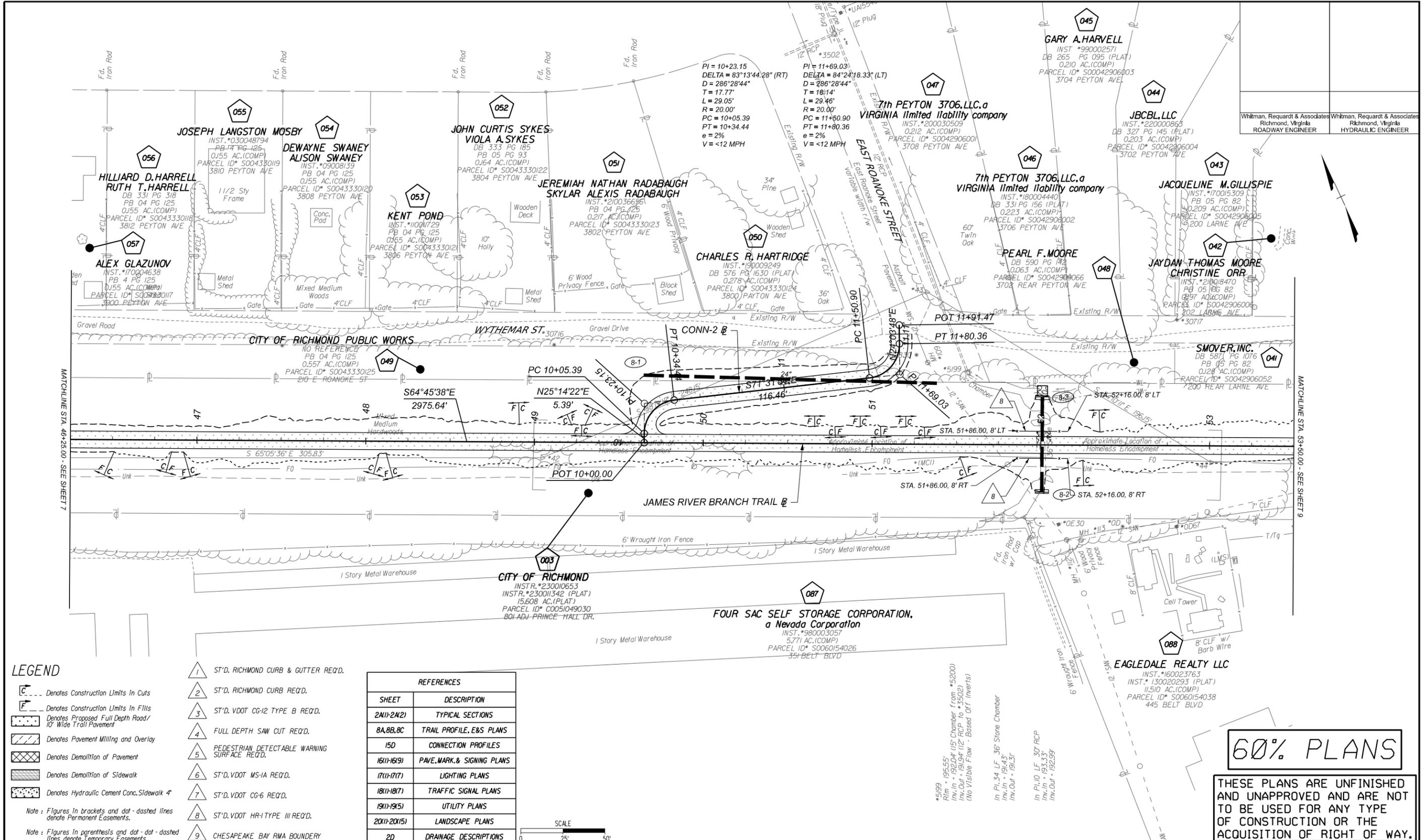
SCALE
0 25' 50'

60% PLANS

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

NOTES 1. Lot dimensions in parenthesis are from deed. 2. Property owners correct as of 2020. 3. Ordinance Number 4. Adopted 5. Accepted		LEGEND Existing Curb & Gutter Sidewalk Basin Storm Sewer Sewer Manhole Sanitary Sewer Pump Sanitary Sewer Manhole Gas Line Electric Line Telephone/Telegraph TV Cable Water Line Tree / Stial. Tree To Be Removed / Stump Property Line		LEGEND Existing Curb Cut Ramp Coping Alley Crossing/Driveway Fire Hydrant Edge of Pavement Fence Cornerstone Property Pin Utility Pole Proposed Sewer Manhole Basin Curb & Gutter Asphalt		LEGEND Proposed Conc. Sidewalk Brick Sidewalk Castings/Water Valve Water Meter Water Valve Gas Valve Telephone Manhole O.T. Electric Manhole O.E. Proposed Curb Cut Ramp Decorative Light Conduit Conduit (Conc. Encased) Retaining Wall		DEPARTMENT OF PUBLIC WORKS RICHMOND, VIRGINIA		Technical Survey Superintendent Project Engineer Maintenance Engineer City Traffic Engineer		Administrative Capital Project Administrator Deputy Director for Transportation / Public Works Director of Public Works		JAMES RIVER BRANCH - RAIL TO TRAIL GREENWAY PROJECT <h2 style="text-align: center;">PLAN</h2>		DESIGN BY: ADW DRAWN BY: MSV CHECKED BY:		REVIEWED BY: FIELD NOTES:		SCALE: 1"=25' DATE: FEBRUARY 2024 SHEET: 7		DRAWING NO.: 0-29054	
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SURVEYED BY: H&B SURVEYING & MAPPING LLC...
 SUPERVISED BY: MSV...
 DESIGNED BY: ADW...



- ### LEGEND
- ST'D. RICHMOND CURB & GUTTER REQ'D.
 - ST'D. RICHMOND CURB REQ'D.
 - ST'D. VDOT CG-12 TYPE B REQ'D.
 - FULL DEPTH SAW CUT REQ'D.
 - PEDESTRIAN DETECTABLE WARNING SURFACE REQ'D.
 - ST'D. VDOT MS-1A REQ'D.
 - ST'D. VDOT CG-6 REQ'D.
 - ST'D. VDOT HR-1 TYPE III REQ'D.
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- Denotes Construction Limits in Cuts
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- Note: Figures in brackets and dot-dashed lines denote Permanent Easements.
 Note: Figures in parenthesis and dot-dot-dashed lines denote Temporary Easements.

REFERENCES	
SHEET	DESCRIPTION
2M(1)-2M(2)	TYPICAL SECTIONS
8A, 8B, 8C	TRAIL PROFILE, E&S PLANS
15D	CONNECTION PROFILES
16(1)-16(9)	PAVE, MARK, & SIGNING PLANS
17(1)-17(7)	LIGHTING PLANS
18(1)-18(7)	TRAFFIC SIGNAL PLANS
19(1)-19(5)	UTILITY PLANS
20(1)-20(15)	LANDSCAPE PLANS
2D	DRAINAGE DESCRIPTIONS

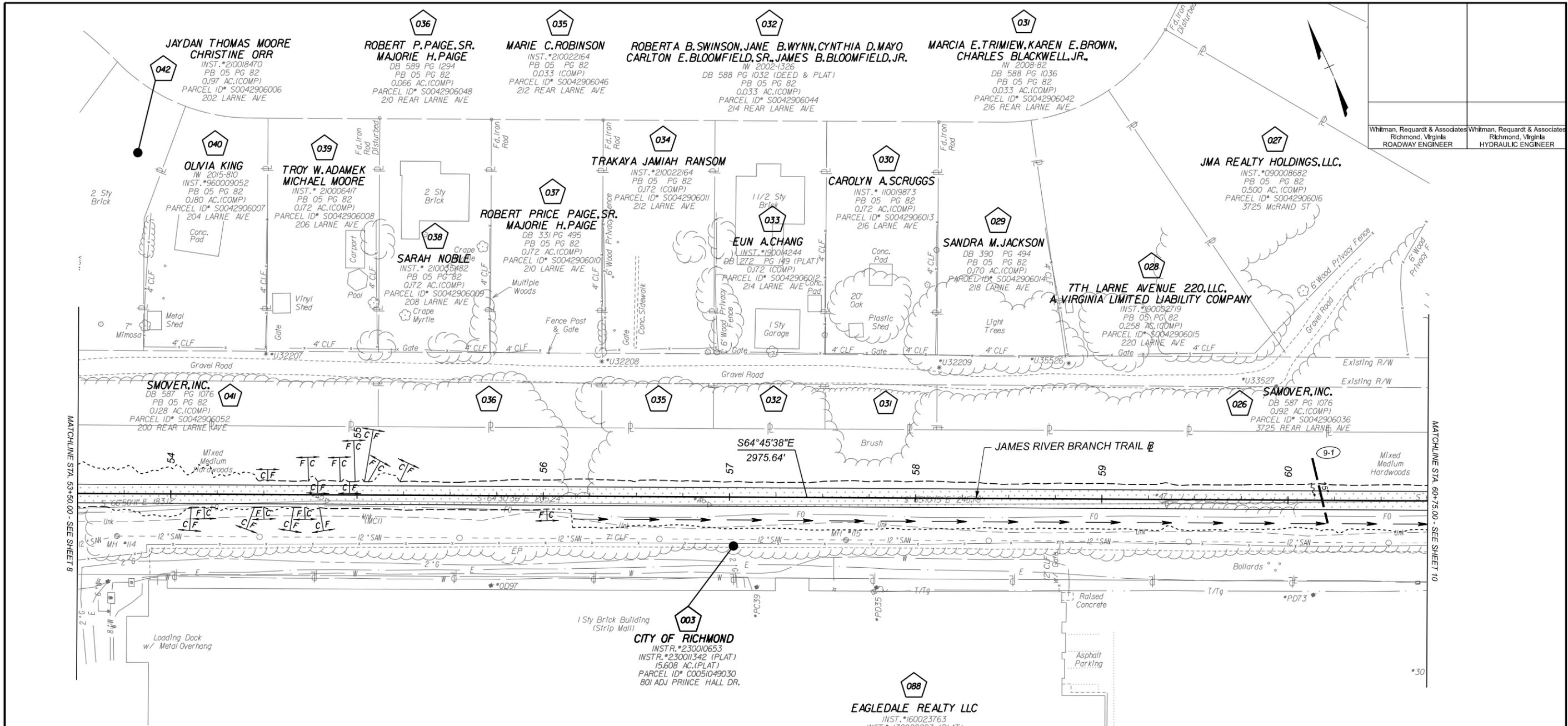


60% PLANS

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

NOTES		LEGEND			Technical Survey Superintendent Project Engineer Maintenance Engineer City Traffic Engineer	Administrative Capital Project Administrator Deputy Director for Transportation / Public Works Director of Public Works	JAMES RIVER BRANCH - RAIL TO TRAIL GREENWAY PROJECT	
1. Lot dimensions in parentheses are from deed. 2. Property owners correct as of 20... 3. Ordinance Number... 4. Adopted... 5. Accepted...		Existing Curb & Gutter Sidewalk Basin Storm Sewer Sewer Manhole Sanitary Sewer Sanitary Sewer Manhole Gas Line Electric Line Telephone/Telegraph TV Cable Water Line Tree / Stial Tree To Be Removed / Stump Property Line			DEPARTMENT OF PUBLIC WORKS RICHMOND, VIRGINIA	PLAN	DESIGN BY: ADW DRAWN BY: MSV CHECKED BY:	REVIEWED BY: FIELD NOTES: SCALE: 1"=25' DATE: FEBRUARY 2024 SHEET: 8

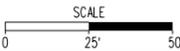
SURVEYED BY: H&B SURVEYING & MAPPING LLC...
 SUPERVISED BY: MSV...
 DESIGNED BY: ADW...



LEGEND

- ST'D. RICHMOND CURB & GUTTER REQ'D.
 - ST'D. RICHMOND CURB REQ'D.
 - ST'D. VDOT CG-12 TYPE B REQ'D.
 - FULL DEPTH SAW CUT REQ'D.
 - PEDESTRIAN DETECTABLE WARNING SURFACE REQ'D.
 - ST'D. VDOT MS-1A REQ'D.
 - ST'D. VDOT CG-6 REQ'D.
 - ST'D. VDOT HR-1 TYPE III REQ'D.
 - CHESAPEAKE BAY RMA BOUNDARY
- Denotes Construction Limits In Cuts
 Denotes Construction Limits In Fills
 Denotes Proposed Full Depth Road/10' Wide Trail Pavement
 Denotes Pavement Milling and Overlay
 Denotes Demolition of Pavement
 Denotes Demolition of Sidewalk
 Denotes Hydraulic Cement Conc. Sidewalk 4'
- Note : Figures in brackets and dot - dashed lines denote Permanent Easements.
 Note : Figures in parenthesis and dot - dot - dashed lines denote Temporary Easements.

REFERENCES	
SHEET	DESCRIPTION
2M(1)-2M(2)	TYPICAL SECTIONS
9A,9B,9C	TRAIL PROFILE, E&S PLANS
15D	CONNECTION PROFILES
16(1)-16(9)	PAVE, MARK, & SIGNING PLANS
17(1)-17(7)	LIGHTING PLANS
18(1)-18(7)	TRAFFIC SIGNAL PLANS
19(1)-19(5)	UTILITY PLANS
20(1)-20(15)	LANDSCAPE PLANS
2D	DRAINAGE DESCRIPTIONS



NOTES	REVISIONS
1. Lot dimensions in parentheses are from deed.	
2. Property owners correct as of . 20	
3. Ordinance Number	
4. Adopted	
5. Accepted	

LEGEND	SYMBOLS
Existing Curb & Gutter	
Sidewalk	
Basin	
Storm Sewer	
Sewer Manhole	
Sanitary Sewer Manhole	
Sanitary Sewer Manhole	
Gas Line	
Electric Line	
Telephone/Telegraph	
TV Cable	
Water Line	
Tree / Sial. Tree To Be Removed / Stump	
Property Line	



Technical	Administrative
Survey Superintendent	Capital Project Administrator
Project Engineer	Deputy Director for Transportation / Public Works
Maintenance Engineer	Director of Public Works
City Traffic Engineer	

JAMES RIVER BRANCH - RAIL TO TRAIL GREENWAY PROJECT	
PLAN	
DESIGN BY: ADW	REVIEWED BY: JLD
DRAWN BY: MSV	CHECKED BY: MSV
FIELD NOTES	SCALE: 1"=25'
DATE: FEBRUARY 2024	SHEET: 9
DRAWING NO. 0-29054	

60% PLANS

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

Whitman, Reardon & Associates
 Richmond, Virginia
 ROADWAY ENGINEER

Whitman, Reardon & Associates
 Richmond, Virginia
 HYDRAULIC ENGINEER

SURVEYED BY: H&B SURVEYING & MAPPING LLC...
 SUPERVISED BY: MSV...
 DESIGNED BY: ADW...

Whitman, Reardon & Associates Richmond, Virginia ROADWAY ENGINEER	Whitman, Reardon & Associates Richmond, Virginia HYDRAULIC ENGINEER
---	---

PI = 10+22.09 DELTA = 90°00'00.00" (RT)
 D = 212°57'28" T = 10.00'
 L = 15.71' R = 10.00'
 PC = 10+12.09 PT = 10+27.80
 e = 2% V = <12 MPH

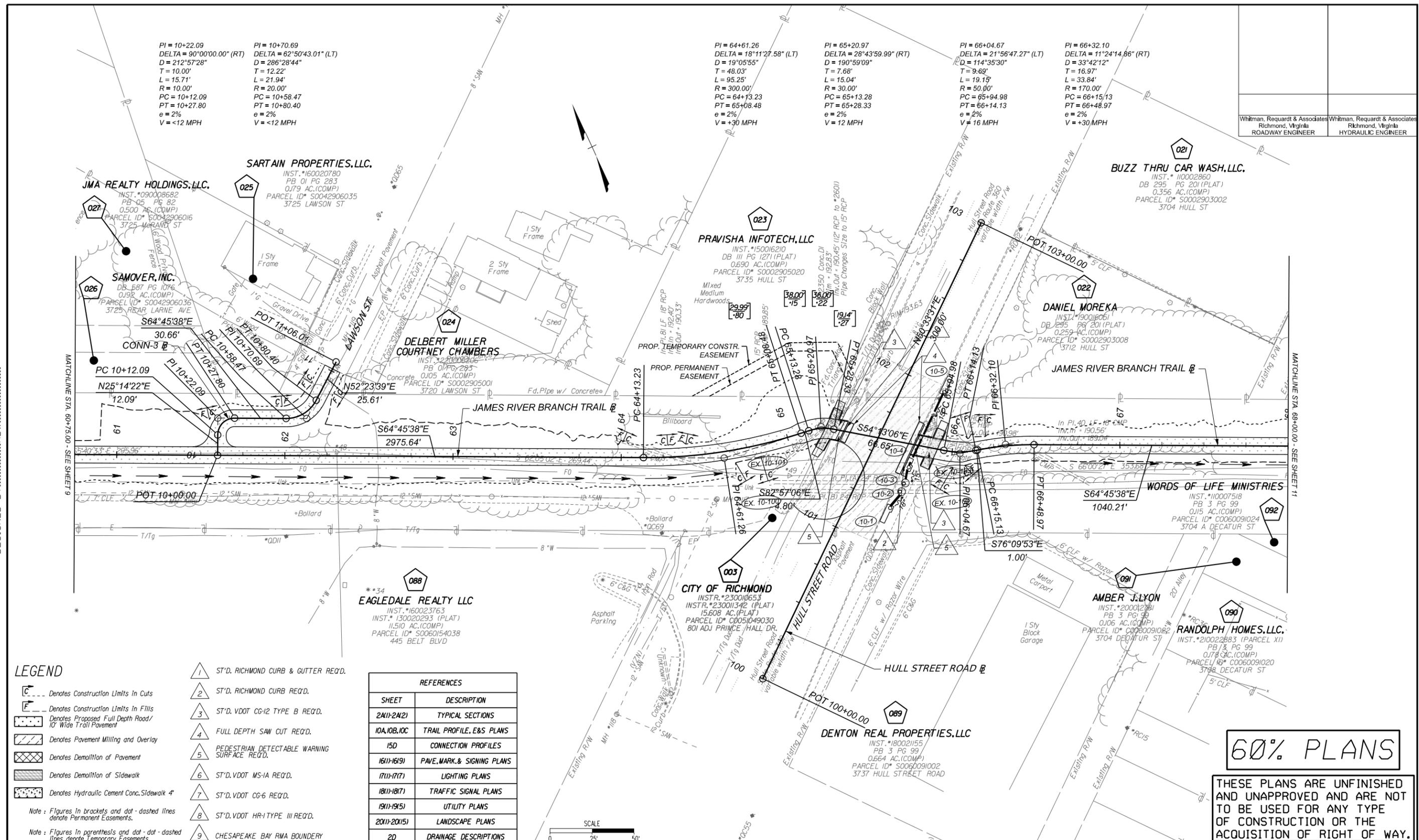
PI = 10+70.69 DELTA = 62°50'43.01" (LT)
 D = 286°28'44" T = 12.22'
 L = 21.94' R = 20.00'
 PC = 10+58.47 PT = 10+80.40
 e = 2% V = <12 MPH

PI = 64+61.26 DELTA = 18°11'27.58" (LT)
 D = 19°05'55" T = 48.03'
 L = 95.25' R = 300.00'
 PC = 64+13.23 PT = 65+08.48
 e = 2% V = +30 MPH

PI = 65+20.97 DELTA = 28°43'59.99" (RT)
 D = 190°59'09" T = 7.68'
 L = 15.04' R = 30.00'
 PC = 65+13.28 PT = 65+28.33
 e = 2% V = 12 MPH

PI = 66+04.67 DELTA = 21°56'47.27" (LT)
 D = 114°35'30" T = 9.69'
 L = 19.19' R = 50.00'
 PC = 65+94.98 PT = 66+14.13
 e = 2% V = 16 MPH

PI = 66+32.10 DELTA = 11°24'14.86" (RT)
 D = 33°42'12" T = 16.97'
 L = 33.84' R = 170.00'
 PC = 66+15.13 PT = 66+48.97
 e = 2% V = +30 MPH



LEGEND

- ST'D. RICHMOND CURB & GUTTER REQ'D.
- ST'D. RICHMOND CURB REQ'D.
- ST'D. VDOT CG-12 TYPE B REQ'D.
- FULL DEPTH SAW CUT REQ'D.
- PEDESTRIAN DETECTABLE WARNING SURFACE REQ'D.
- ST'D. VDOT MS-1A REQ'D.
- ST'D. VDOT CG-6 REQ'D.
- ST'D. VDOT HR-1 TYPE III REQ'D.
- CHESAPEAKE BAY RMA BOUNDARY

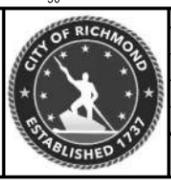
REFERENCES	
SHEET	DESCRIPTION
2M(1)-2M(2)	TYPICAL SECTIONS
10A, 10B, 10C	TRAIL PROFILE, E&S PLANS
15D	CONNECTION PROFILES
16(1)-16(9)	PAVE, MARK, & SIGNING PLANS
17(1)-17(7)	LIGHTING PLANS
18(1)-18(7)	TRAFFIC SIGNAL PLANS
19(1)-19(5)	UTILITY PLANS
20(1)-20(15)	LANDSCAPE PLANS
2D	DRAINAGE DESCRIPTIONS

NOTES

- Lot dimensions in parentheses are from deed.
- Property owners correct as of 20
- Ordinance Number
- Adopted
- Accepted

REFERENCES
 RL-XX RW, NS, SW, SE

EXISTING	PROPOSED
Existing Curb & Gutter	Proposed Curb Cut Ramp
Basin	Basin
Storm Sewer	Sanitary Sewer
Sewer Manhole	Sanitary Sewer Manhole
Sanitary Sewer Manhole	Sanitary Sewer Manhole
Gas Line	Gas Line
Electric Line	Electric Line
Telephone/Telegraph	Telephone/Telegraph
TV Cable	TV Cable
Water Line	Water Line
Tree / Stial. Tree To Be Removed / Stump	Tree / Stial. Tree To Be Removed / Stump
Property Line	Property Line



Technical	Administrative
Survey Superintendent	Capital Project Administrator
Project Engineer	Deputy Director for Transportation / Public Works
Maintenance Engineer	Director of Public Works
City Traffic Engineer	

JAMES RIVER BRANCH - RAIL TO TRAIL GREENWAY PROJECT

PLAN

DESIGN BY: ADW
 DRAWN BY: MSV
 CHECKED BY:

REVIEWED BY: FIELD NOTES: SCALE: 1"=25'
 DATE: FEBRUARY 2024
 SHEET: 10
 DRAWING NO.: 0-29054

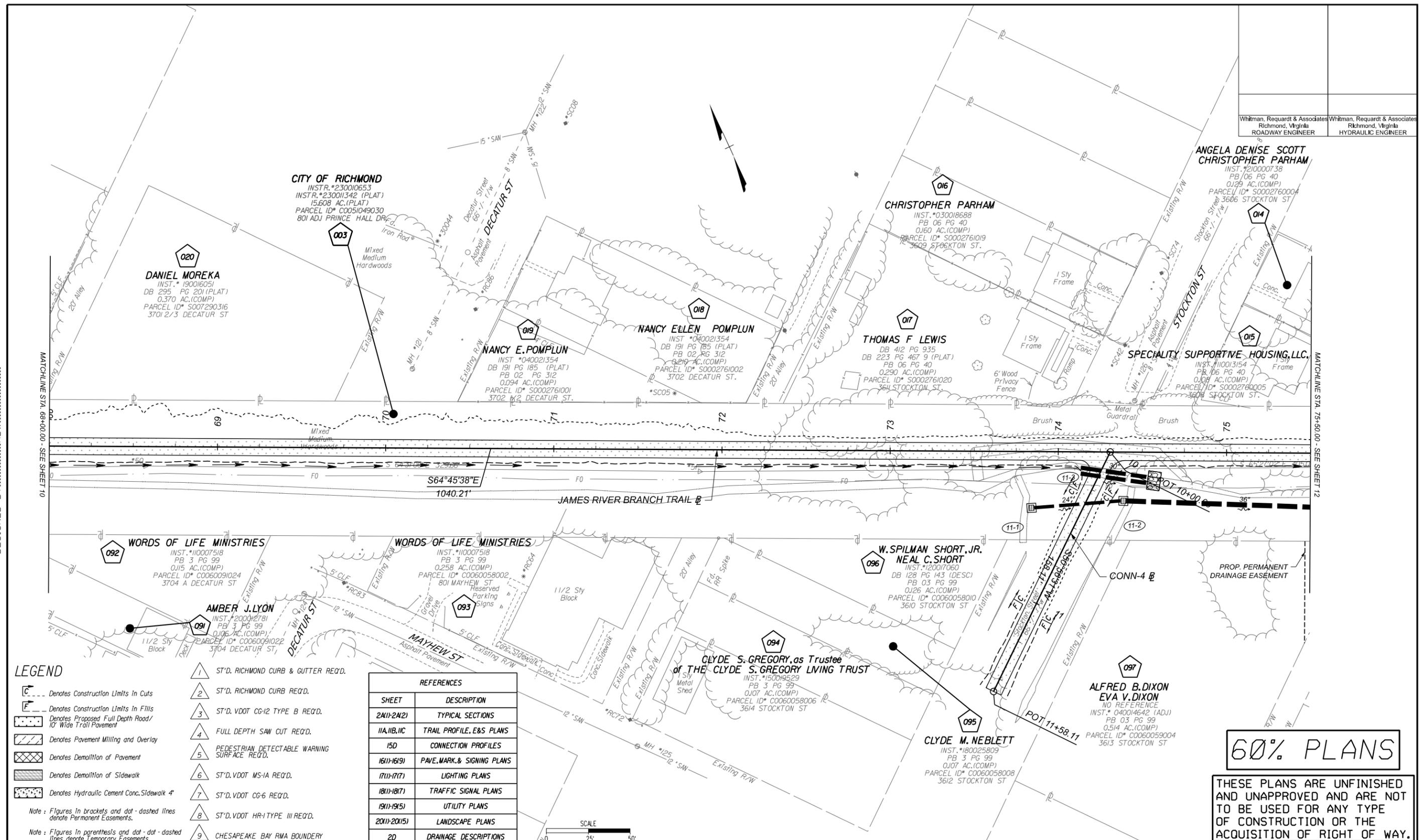
60% PLANS

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Whitman, Reardon & Associates
Richmond, Virginia
ROADWAY ENGINEER

Whitman, Reardon & Associates
Richmond, Virginia
HYDRAULIC ENGINEER

SURVEYED BY: H&B SURVEYING & MAPPING LLC...
SUPERVISED BY: MSV...
DESIGNED BY: ADW...



LEGEND

- ST'D. RICHMOND CURB & GUTTER REQ'D.
 - ST'D. RICHMOND CURB REQ'D.
 - ST'D. VDOT CG-12 TYPE B REQ'D.
 - FULL DEPTH SAW CUT REQ'D.
 - PEDESTRIAN DETECTABLE WARNING SURFACE REQ'D.
 - ST'D. VDOT MS-1A REQ'D.
 - ST'D. VDOT CG-6 REQ'D.
 - ST'D. VDOT HR-1 TYPE III REQ'D.
 - CHESAPEAKE BAY RMA BOUNDARY
- Note: Figures in brackets and dot-dashed lines denote Permanent Easements.
Note: Figures in parentheses and dot-dot-dashed lines denote Temporary Easements.

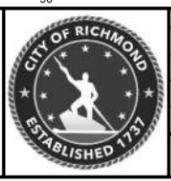
REFERENCES	
SHEET	DESCRIPTION
2M11-2M21	TYPICAL SECTIONS
11A,11B,11C	TRAIL PROFILE, E&S PLANS
15D	CONNECTION PROFILES
1611-1619	PAVE, MARK, & SIGNING PLANS
1711-1717	LIGHTING PLANS
1811-1817	TRAFFIC SIGNAL PLANS
1911-1915	UTILITY PLANS
2011-2015	LANDSCAPE PLANS
2D	DRAINAGE DESCRIPTIONS

60% PLANS

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NOTES	REVISIONS
1. Lot dimensions in parentheses are from deed.	
2. Property owners correct as of . 20	
3. Ordinance Number	
4. Adopted	
5. Accepted	

EXISTING	LEGEND	PROPOSED
Existing Curb & Gutter	Existing Curb Cut Ramp	Proposed Conc. Sidewalk
Basin	Coping	Brick Sidewalk
Storm Sewer	Alley Crossing/Driveway	Castings/Water Valve
Sewer Manhole	Fire Hydrant	Water Meter
Sanitary Sewer	Edge of Pavement	Gas Drip
Sanitary Sewer Manhole	Cornerstone	Gas Valve
Gas Line	Property Pin	Telephone Manhole O.T.
Electric Line	Utility Pole	Electric Manhole
Telephone/Telegraph	Proposed Sewer Manhole	Proposed Curb Cut Ramp
TV Cable	Manhole	Decorative Light
Water Line	Basin	Conduit
Tree / Sial. Tree To Be Removed / Stump	Curb & Gutter	Conduit (Conc. Encased)
Property Line	Asphalt	Retaining Wall



Technical	Administrative
Survey Superintendent	Capital Project Administrator
Project Engineer	Deputy Director for Transportation / Public Works
Maintenance Engineer	Director of Public Works
City Traffic Engineer	

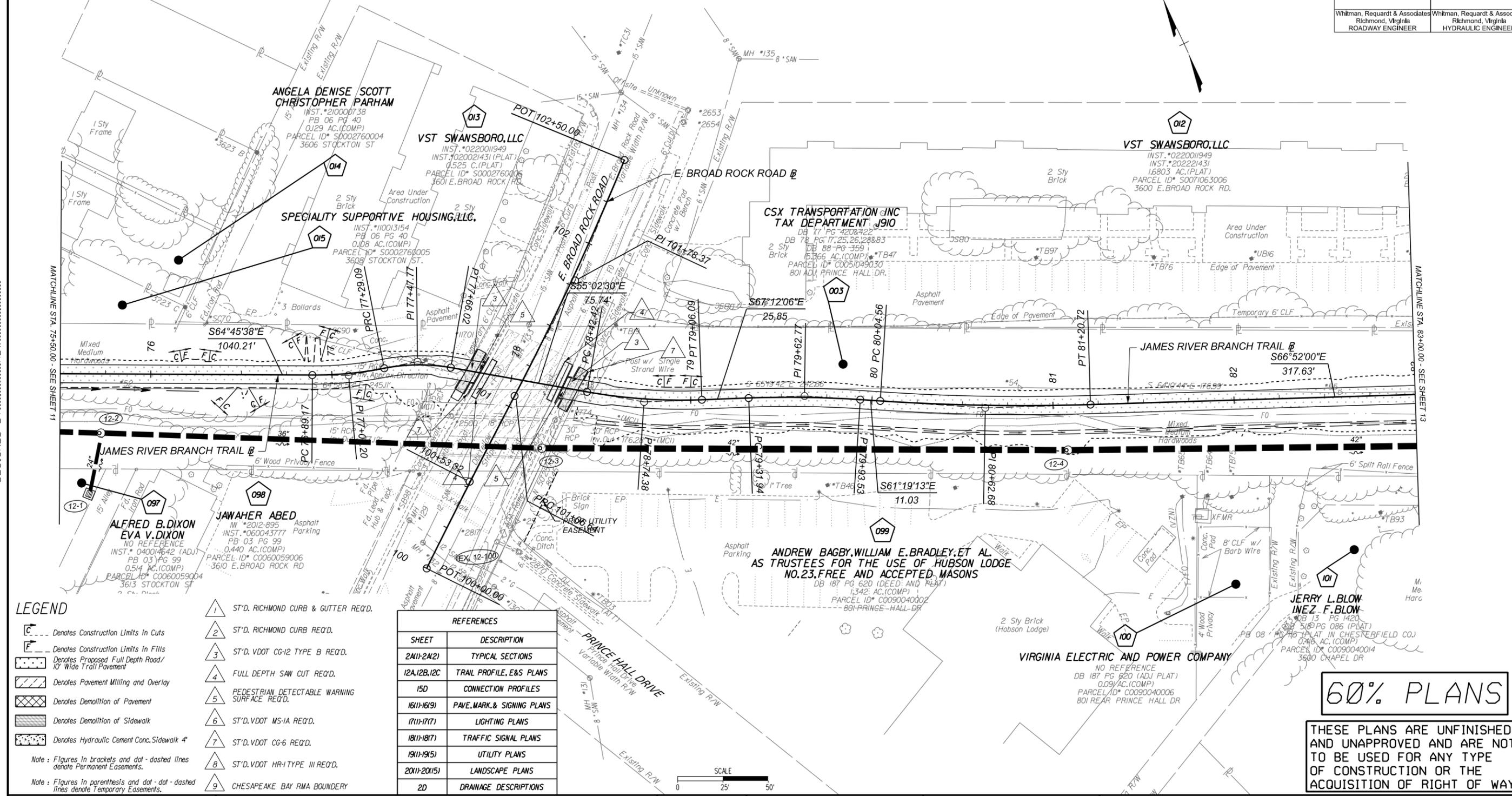
DEPARTMENT OF PUBLIC WORKS
RICHMOND, VIRGINIA

JAMES RIVER BRANCH - RAIL TO TRAIL GREENWAY PROJECT			
PLAN			
DESIGN BY: ADW	REVIEWED BY:	FIELD NOTES	SCALE
DRAWN BY: MSV			1"=25'
CHECKED BY:			DATE
			FEBRUARY 2024
			SHEET
			11
			DRAWING NO.
			0-29054

SURVEYED BY: H&B SURVEYING & MAPPING LLC...
 SUPERVISED BY: MSV...
 DESIGNED BY: ADW...

PI = 77+09.20 DELTA = 11°26'11.59" (LT) D = 28°38'52" T = 20.03' L = 39.92' R = 200.00' PC = 76+89.17 PT = 77+29.09 e = 2% V = +30 MPH	PI = 77+47.77 DELTA = 21°09'19.89" (RT) D = 57°17'45" T = 18.67' L = 36.92' R = 100.00' PC = 77+29.09 PT = 77+66.02 e = 2% V = 23 MPH	PI = 78+74.38 DELTA = 12°09'36.38" (LT) D = 19°05'55" T = 31.96' L = 63.67' R = 300.00' PC = 78+42.42 PT = 79+06.09 e = 2% V = +30 MPH	PI = 79+62.77 DELTA = 05°52'52.63" (RT) D = 09°32'57" T = 30.82' L = 61.59' R = 600.00' PC = 79+31.94 PT = 79+53.53 e = 2% V = +30 MPH	PI = 80+62.68 DELTA = 05°32'46.39" (LT) D = 04°46'29" T = 58.13' L = 116.16' R = 1,200.00' PC = 80+04.56 PT = 81+20.72 e = 2% V = +30 MPH	PI = 100+53.32 DELTA = 01°21'28.06" (RT) D = 01°16'24" T = 53.32' L = 106.64' R = 4,500.00' PC = 100+00.00 PT = 101+06.64 e = MATCH EXISTING V = 35 MPH	PI = 101+78.37 DELTA = 05°23'10.22" (RT) D = 03°45'26" T = 71.73' L = 143.36' R = 1,525.00' PC = 101+06.64 PT = 102+50.00 e = MATCH EXISTING V = 35 MPH
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Whitman, Reardon & Associates Richmond, Virginia ROADWAY ENGINEER	Whitman, Reardon & Associates Richmond, Virginia HYDRAULIC ENGINEER
---	---



LEGEND

- Denotes Construction Limits in Cuts
 - Denotes Construction Limits in Fills
 - Denotes Proposed Full Depth Road/10' Wide Trail Pavement
 - Denotes Pavement Milling and Overlay
 - Denotes Demolition of Pavement
 - Denotes Demolition of Sidewalk
 - Denotes Hydraulic Cement Conc. Sidewalk 4"
- Note: Figures in brackets and dot-dashed lines denote Permanent Easements.
 Note: Figures in parenthesis and dot-dot-dashed lines denote Temporary Easements.
- 1 ST'D. RICHMOND CURB & GUTTER REQ'D.
 - 2 ST'D. RICHMOND CURB REQ'D.
 - 3 ST'D. VDOT CG-12 TYPE B REQ'D.
 - 4 FULL DEPTH SAW CUT REQ'D.
 - 5 PEDESTRIAN DETECTABLE WARNING SURFACE REQ'D.
 - 6 ST'D. VDOT MS-1A REQ'D.
 - 7 ST'D. VDOT CG-6 REQ'D.
 - 8 ST'D. VDOT HR-1 TYPE III REQ'D.
 - 9 CHESAPEAKE BAY RMA BOUNDARY

REFERENCES

SHEET	DESCRIPTION
2M(1)-2M(2)	TYPICAL SECTIONS
12A,12B,12C	TRAIL PROFILE, E&S PLANS
15D	CONNECTION PROFILES
16(1)-16(9)	PAVE, MARK, & SIGNING PLANS
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18(1)-18(7)	TRAFFIC SIGNAL PLANS
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20(1)-20(15)	LANDSCAPE PLANS
2D	DRAINAGE DESCRIPTIONS



Technical	Administrative
Survey Superintendent	Capital Project Administrator
Project Engineer	Deputy Director for Transportation / Public Works
Maintenance Engineer	Director of Public Works
City Traffic Engineer	

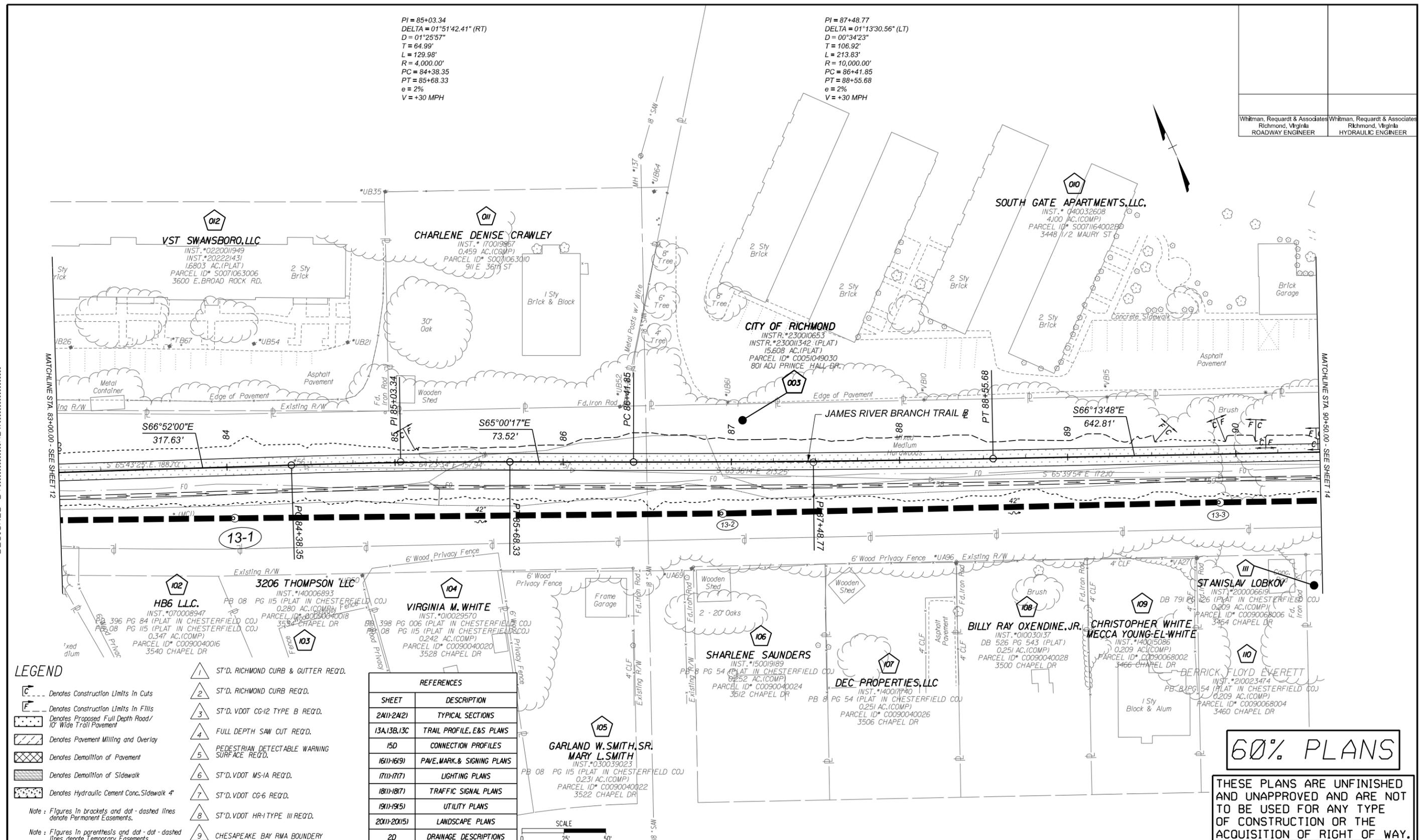
JAMES RIVER BRANCH - RAIL TO TRAIL GREENWAY PROJECT			
DESIGN BY: ADW	REVIEWED BY:	FIELD NOTES	SCALE: 1"=25'
DRAWN BY: MSV			DATE: FEBRUARY 2024
CHECKED BY:			SHEET: 12
			DRAWING NO. 0-29054

60% PLANS

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SURVEYED BY: H&B SURVEYING & MAPPING LLC...
 SUPERVISED BY: MSV...
 DESIGNED BY: ADW...

Whitman, Reardon & Associates Richmond, Virginia ROADWAY ENGINEER	Whitman, Reardon & Associates Richmond, Virginia HYDRAULIC ENGINEER
---	---



LEGEND

- ST'D. RICHMOND CURB & GUTTER REQ'D.
 - ST'D. VDOT CG-12 TYPE B REQ'D.
 - ST'D. VDOT CG-12 TYPE B REQ'D.
 - FULL DEPTH SAW CUT REQ'D.
 - PEDESTRIAN DETECTABLE WARNING SURFACE REQ'D.
 - ST'D. VDOT MS-1A REQ'D.
 - ST'D. VDOT CG-6 REQ'D.
 - ST'D. VDOT HR-1 TYPE III REQ'D.
 - CHESAPEAKE BAY RMA BOUNDARY
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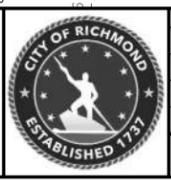
REFERENCES	
SHEET	DESCRIPTION
2M11-2M21	TYPICAL SECTIONS
13A,13B,13C	TRAIL PROFILE, E&S PLANS
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2D	DRAINAGE DESCRIPTIONS

60% PLANS

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NOTES	REVISIONS
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2. Property owners correct as of 20	
3. Ordinance Number	
4. Adopted	
5. Accepted	

EXISTING	PROPOSED
Curb & Gutter	Proposed Curb Cut Ramp
Basin	Proposed Conc. Sidewalk
Storm Sewer	Proposed Brick Sidewalk
Sewer Manhole	Castings/Water Valve
Sanitary Sewer Manhole	Fire Hydrant
Sanitary Sewer Manhole	Water Meter
Gas Line	Gas Valve
Electric Line	Telephone Manhole
Telephone/Telegraph	Electric Manhole
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Water Line	Decorative Light
Tree / Stial. Tree To Be Removed / Stump	Conduit
Property Line	Conduit (Conc. Encased)
	Retaining Wall



Technical	Administrative
Survey Superintendent	Capital Project Administrator
Project Engineer	Deputy Director for Transportation / Public Works
Maintenance Engineer	Director of Public Works
City Traffic Engineer	

JAMES RIVER BRANCH - RAIL TO TRAIL GREENWAY PROJECT	
PLAN	
DESIGN BY: ADW	REVIEWED BY:
DRAWN BY: JJO	FIELD NOTES:
CHECKED BY: MSV	SCALE: 1"=25'
	DATE: FEBRUARY 2024
	SHEET: 13
	DRAWING NO.: 0-29054

SURVEYED BY: H&B SURVEYING & MAPPING LLC...
 SUPERVISED BY: MSV...
 DESIGNED BY: ADW...

PI = 95+22.55
 DELTA = 01°50'17.75" (RT)
 D = 03°49'11"
 T = 24.06'
 L = 48.13'
 R = 1,500.00'
 PC = 94+98.48
 PT = 95+46.61
 e = 2%
 V = +30 MPH

PI = 97+40.76
 DELTA = 01°50'17.75" (LT)
 D = 01°08'45"
 T = 80.22'
 L = 160.42'
 R = 5,000.00'
 PC = 96+60.54
 PT = 98+20.96
 e = 2%
 V = +30 MPH

Whitman, Reardon & Associates Richmond, Virginia ROADWAY ENGINEER	Whitman, Reardon & Associates Richmond, Virginia HYDRAULIC ENGINEER
---	---

009
NINE HUNDRED ONE HOLLY SPRING, L.L.C.
 DB 242 PG 100 (DEED & PLAT)
 5.50 AC.(PLAT)
 PARCEL ID* S007164005
 901 HOLLY SPRING AVE.

CITY OF RICHMOND
 INSTR. #230010653
 INSTR. #23001342 (PLAT)
 15,608 AC.(PLAT)
 PARCEL ID* C0051049030
 801 ADJ PRINCE HALL DR.

CITY OF RICHMOND
 INSTR. #230010653
 INSTR. #23001342 (PLAT)
 1613 AC.(PLAT)
 PARCEL ID* C0090096050
 1300 N.HOPKINS ROAD

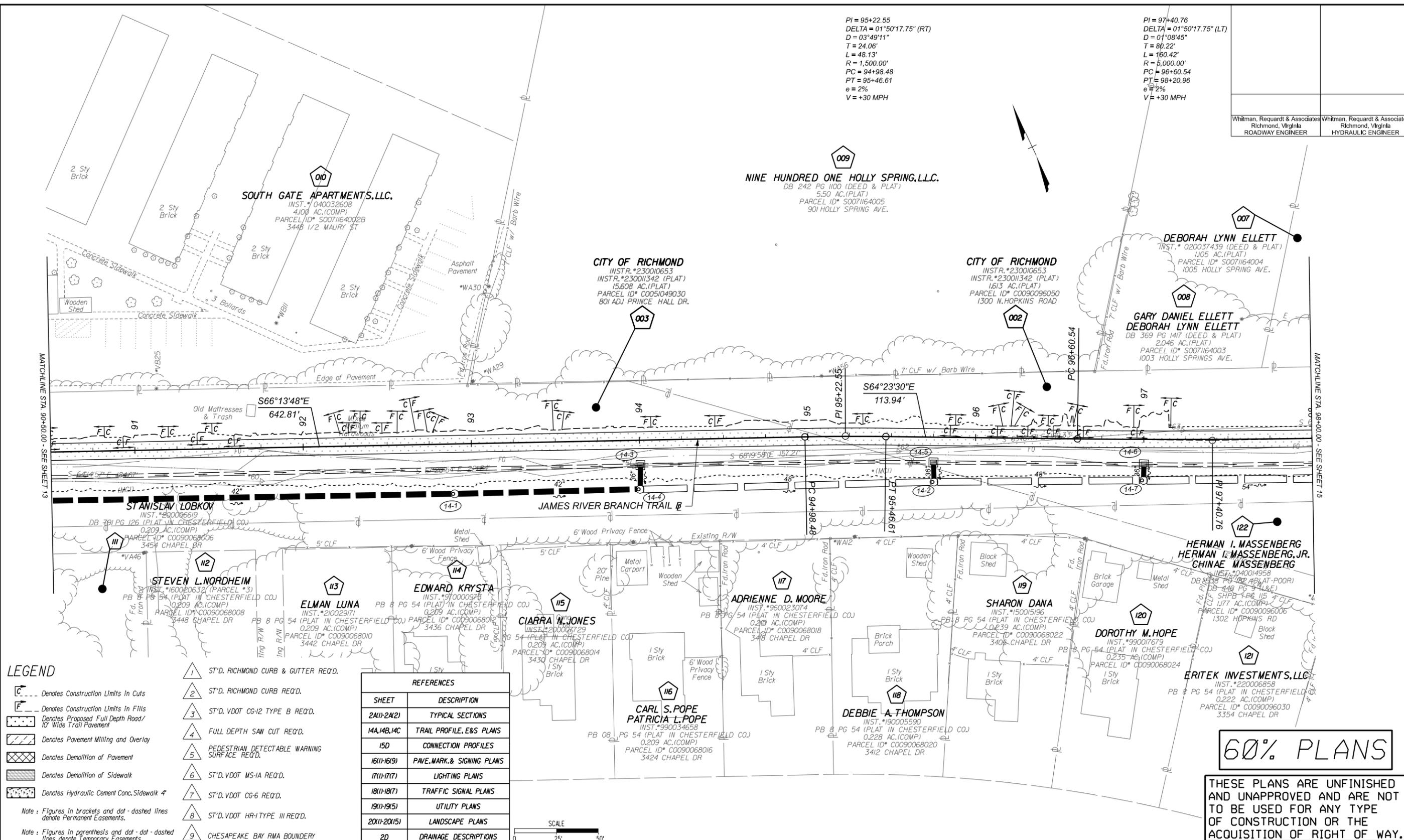
DEBORAH LYNN ELLETT
 INSTR. # 020037439 (DEED & PLAT)
 1.05 AC.(PLAT)
 PARCEL ID* S007164004
 1005 HOLLY SPRING AVE.

**GARY DANIEL ELLETT
 DEBORAH LYNN ELLETT**
 DB 369 PG 147 (DEED & PLAT)
 2.046 AC.(PLAT)
 PARCEL ID* S007164003
 1003 HOLLY SPRINGS AVE.

**HERMAN I. MASSENBERG
 HERMAN I. MASSENBERG, JR.
 CHINAE MASSENBERG**
 INSTR. #040014958
 DB 85 PG 102 (PLAT-POOR)
 DB 448 PG 9 (L&E)
 CLF SHPB 1 PG 15 (L&E)
 PARCEL ID* C0090096006
 1302 HOPKINS RD

DOROTHY M. HOPE
 INSTR. #990017679
 PARCEL ID* C0090068024

ERITEK INVESTMENTS, L.L.C.
 INSTR. #220006858
 PB 8 PG 54 (PLAT IN CHESTERFIELD CO)
 0.222 AC.(COMP)
 PARCEL ID* C0090096030
 3354 CHAPEL DR



- LEGEND**
- Denotes Construction Limits in Cuts
 - Denotes Construction Limits in Fills
 - Denotes Proposed Full Depth Road/10' Wide Trail Pavement
 - Denotes Pavement Milling and Overlay
 - Denotes Demolition of Pavement
 - Denotes Demolition of Sidewalk
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- Note: Figures in brackets and dot-dashed lines denote Permanent Easements.
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 - 2 ST'D. RICHMOND CURB REQ'D.
 - 3 ST'D. VDOT CG-12 TYPE B REQ'D.
 - 4 FULL DEPTH SAW CUT REQ'D.
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 - 6 ST'D. VDOT MS-1A REQ'D.
 - 7 ST'D. VDOT CG-6 REQ'D.
 - 8 ST'D. VDOT HR-1 TYPE III REQ'D.
 - 9 CHESAPEAKE BAY RMA BOUNDARY

REFERENCES

SHEET	DESCRIPTION
2M11-2M21	TYPICAL SECTIONS
14A, 14B, 14C	TRAIL PROFILE, E&S PLANS
15D	CONNECTION PROFILES
1611-1619	PAVE, MARK, & SIGNING PLANS
1711-1717	LIGHTING PLANS
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1911-1915	UTILITY PLANS
2011-2015	LANDSCAPE PLANS
2D	DRAINAGE DESCRIPTIONS

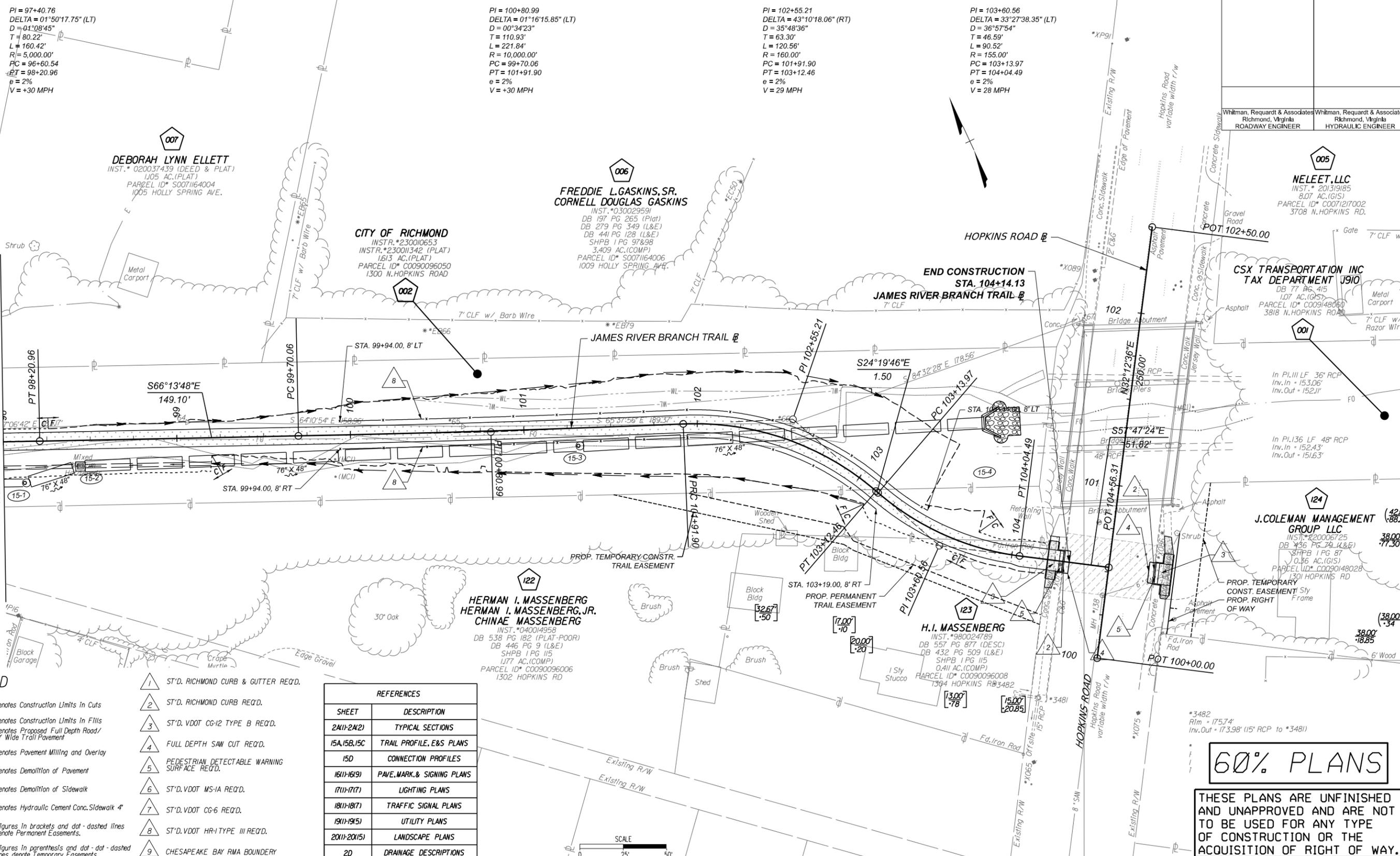


60% PLANS

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 OF CONSTRUCTION OR THE
 ACQUISITION OF RIGHT OF WAY.

NOTES 1. Lot dimensions in parentheses are from deed. 2. Property owners correct as of 20... 3. Ordinance Number 4. Adopted 5. Accepted		LEGEND Existing Curb & Gutter Basin Storm Sewer Sewer Manhole Sanitary Sewer Manhole Sanitary Sewer Manhole Gas Line Electric Line Telephone/Telegraph TV Cable Water Line Tree / Stial Tree To Be Removed / Stump Property Line		LEGEND Existing Curb Cut Ramp Coping Alley Crossing/Driveway Fire Hydrant Edge of Pavement Cornerstone Property Pin Utility Pole Proposed Sewer Manhole Basin Curb & Gutter Asphalt		LEGEND Proposed Conc. Sidewalk Brick Sidewalk Castings/Water Valve Water Meter Water Meter Gas Valve Telephone Manhole Electric Manhole Proposed Curb Cut Ramp Decorative Light Conduit Conduit (Conc. Encased) Retaining Wall									
REFERENCES RL-XX RW, NE, SW, SE		REVISIONS		DEPARTMENT OF PUBLIC WORKS RICHMOND, VIRGINIA		ADMINISTRATIVE Survey Superintendent Project Engineer Maintenance Engineer City Traffic Engineer		ADMINISTRATIVE Capital Project Administrator Deputy Director for Transportation / Public Works Director of Public Works		JAMES RIVER BRANCH - RAIL TO TRAIL GREENWAY PROJECT PLAN		DESIGN BY: ADW DRAWN BY: MSV CHECKED BY:		REVIEWED BY: FIELD NOTES: SCALE: 1"=25' DATE: FEBRUARY 2024 SHEET: 14 DRAWING NO.: 0-29054	

SURVEYED BY: H&B SURVEYING & MAPPING LLC...
 SUPERVISED BY: MSV...
 DESIGNED BY: ADW...



60% PLANS

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

LEGEND

- C Denotes Construction Limits In Cuts
 - F Denotes Construction Limits In Fills
 - [] Denotes Proposed Full Depth Road/10' Wide Trail Pavement
 - / / Denotes Pavement Milling and Overlay
 - X X Denotes Demolition of Pavement
 - - Denotes Demolition of Sidewalk
 - [] Denotes Hydraulic Cement Conc. Sidewalk 4"
- 1 ST'D. RICHMOND CURB & GUTTER REQ'D.
 - 2 ST'D. RICHMOND CURB REQ'D.
 - 3 ST'D. VDOT CG-12 TYPE B REQ'D.
 - 4 FULL DEPTH SAW CUT REQ'D.
 - 5 PEDESTRIAN DETECTABLE WARNING SURFACE REQ'D.
 - 6 ST'D. VDOT MS-1A REQ'D.
 - 7 ST'D. VDOT CG-6 REQ'D.
 - 8 ST'D. VDOT HR-1 TYPE III REQ'D.
 - 9 CHESAPEAKE BAY RMA BOUNDARY
- Note: Figures in brackets and dot - dashed lines denote Permanent Easements.
 Note: Figures in parenthesis and dot - dot - dashed lines denote Temporary Easements.

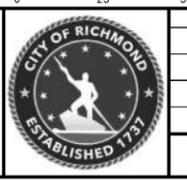
REFERENCES	
SHEET	DESCRIPTION
2M(1)-2M(2)	TYPICAL SECTIONS
15A, 15B, 15C	TRAIL PROFILE, E&S PLANS
15D	CONNECTION PROFILES
16(1)-16(9)	PAVE, MARK, & SIGNING PLANS
17(1)-17(7)	LIGHTING PLANS
18(1)-18(7)	TRAFFIC SIGNAL PLANS
19(1)-19(5)	UTILITY PLANS
20(1)-20(15)	LANDSCAPE PLANS
2D	DRAINAGE DESCRIPTIONS

NOTES

- Lot dimensions in parentheses are from deed.
- Property owners correct as of 20
- Ordinance Number
- Adopted
- Accepted

REFERENCES
 RL-XX RW, NS, SW, SE

EXISTING	LEGEND	PROPOSED
<ul style="list-style-type: none"> Curb & Gutter Sidewalk Basin Storm Sewer Sewer Manhole Sanitary Sewer Manhole Sanitary Sewer Manhole Gas Line Electric Line Telephone/Telegraph TV Cable Water Line Tree / Stial. Tree To Be Removed / Stump Property Line 	<ul style="list-style-type: none"> Proposed Curb Cut Ramp Coping Alley Crossing/Driveway Fire Hydrant Edge of Pavement Fence Cornerstone Property Pin Utility Pole Proposed Sewer Manhole Basin Curb & Gutter Asphalt 	<ul style="list-style-type: none"> Proposed Conc. Sidewalk Brick Sidewalk Castings/Water Valve Water Meter Gas Valve Telephone Manhole Electric Manhole Proposed Curb Cut Ramp Decorative Light Conduit Conduit (Conc. Encased) Retaining Wall



Technical	Administrative
Survey Superintendent	Capital Project Administrator
Project Engineer	Deputy Director for Transportation / Public Works
Maintenance Engineer	Director of Public Works
City Traffic Engineer	

JAMES RIVER BRANCH - RAIL TO TRAIL GREENWAY PROJECT			
PLAN			
DESIGN BY:	REVIEWED BY:	FIELD NOTES	SCALE
ADW	JLS		1"=25'
CHECKED BY:	MSV		DATE
			FEBRUARY 2024
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