8/31/2018
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Plotted By: WAP04107$

PROJECT MANAGER Hang "Jenny" Ha, P.E. (703)259-2907 NOVA District
SURVEYED BY, DATE Leon. E. Treutle LS (703)259-3224 7/17/13
DESIGN BY Thomas E. Aigner P.E. (804)786-1560 Central Office
SUBSURFACE UTILITY BY, DATE Leon E. Treutle LS (703)259-3224 7/17/13

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	1	0001-212-249, PE-101	3

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

VDOT Location & Design Richmond, Virginia ROADWAY ENGINEER	VDOT Location & Design Richmond, Virginia HYDRAULIC ENGINEER

PH 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.

ADDITIONAL EASEMENTS WILL BE REQUIRED BEYOND THE PROPOSED RIGHT-OF-WAY SHOWN ON THESE PLANS.

Utility Owners

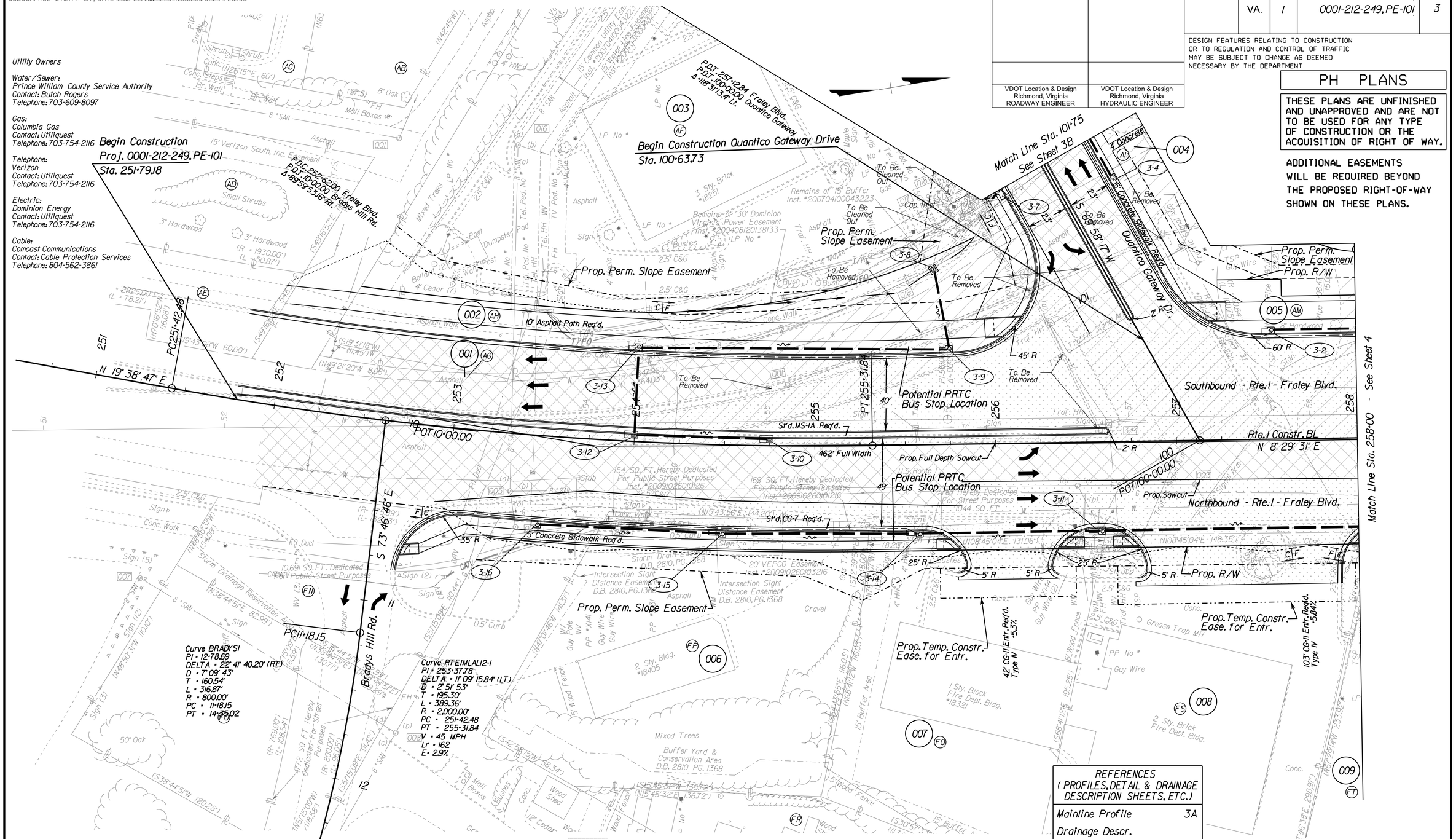
Water/Sewer:
Prince William County Service Authority
Contact: Butch Rogers
Telephone: 703-609-8097

Gas:
Columbia Gas
Contact: Utiliquest
Telephone: 703-754-2116

Telephone:
Verizon
Contact: Utiliquest
Telephone: 703-754-2116

Electric:
Dominion Energy
Contact: Utiliquest
Telephone: 703-754-2116

Cable:
Comcast Communications
Contact: Cable Protection Services
Telephone: 804-562-3861



REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Mainline Profile	3A
Drainage Descr.	
Quantico Gateway Profile	3C
Main Cul-de-sac Profile	3C
Entrance Profiles	19(1)
Property Owners	1E-1E(3)

SCALE 0 25' 50'

PROJECT	SHEET NO.
0001-212-249	3

PROJECT MANAGER Hang "Jenny" Ha, P.E. (703)259-2907 NOVA District
SURVEYED BY, DATE Leon. E. Treutle LS (703)259-3224 7/17/13
DESIGN BY Thomas E. Algner P.E. (804)786-1560 Central Office
SUBSURFACE UTILITY BY, DATE Leon E. Treutle LS (703)259-3224 7/17/13

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	1	0001-212-249, PE-101	3B

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

VDOT Location & Design Richmond, Virginia ROADWAY ENGINEER	VDOT Location & Design Richmond, Virginia HYDRAULIC ENGINEER

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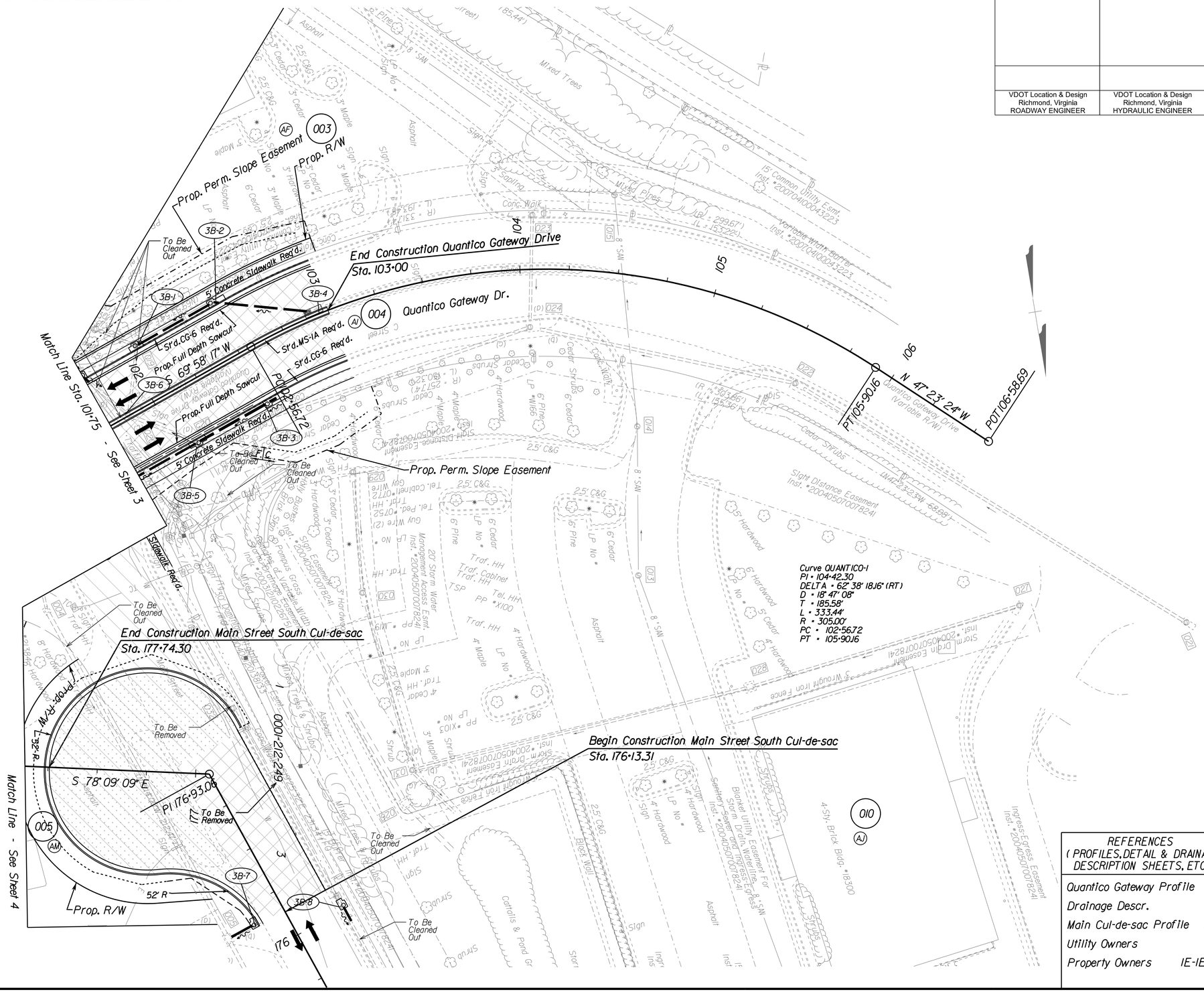

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Quantico Gateway Profile	3C
Drainage Descr.	
Main Cul-de-sac Profile	3C
Utility Owners	3
Property Owners	1E-1E(3)

Denotes Build-up Existing Pavement
Denotes New Pavement
Denotes Demolition of Existing Pavement
C Denotes Construction Limits In Cuts
F Denotes Construction Limits In Fills

SCALE	PROJECT	SHEET NO.
0 25' 50'	0001-212-249	3B

PROJECT MANAGER Hang "Jenny" Ha, P.E. (703)259-2907 NOVA District
SURVEYED BY, DATE Leon. E. Treutle LS (703)259-3224 7/17/13
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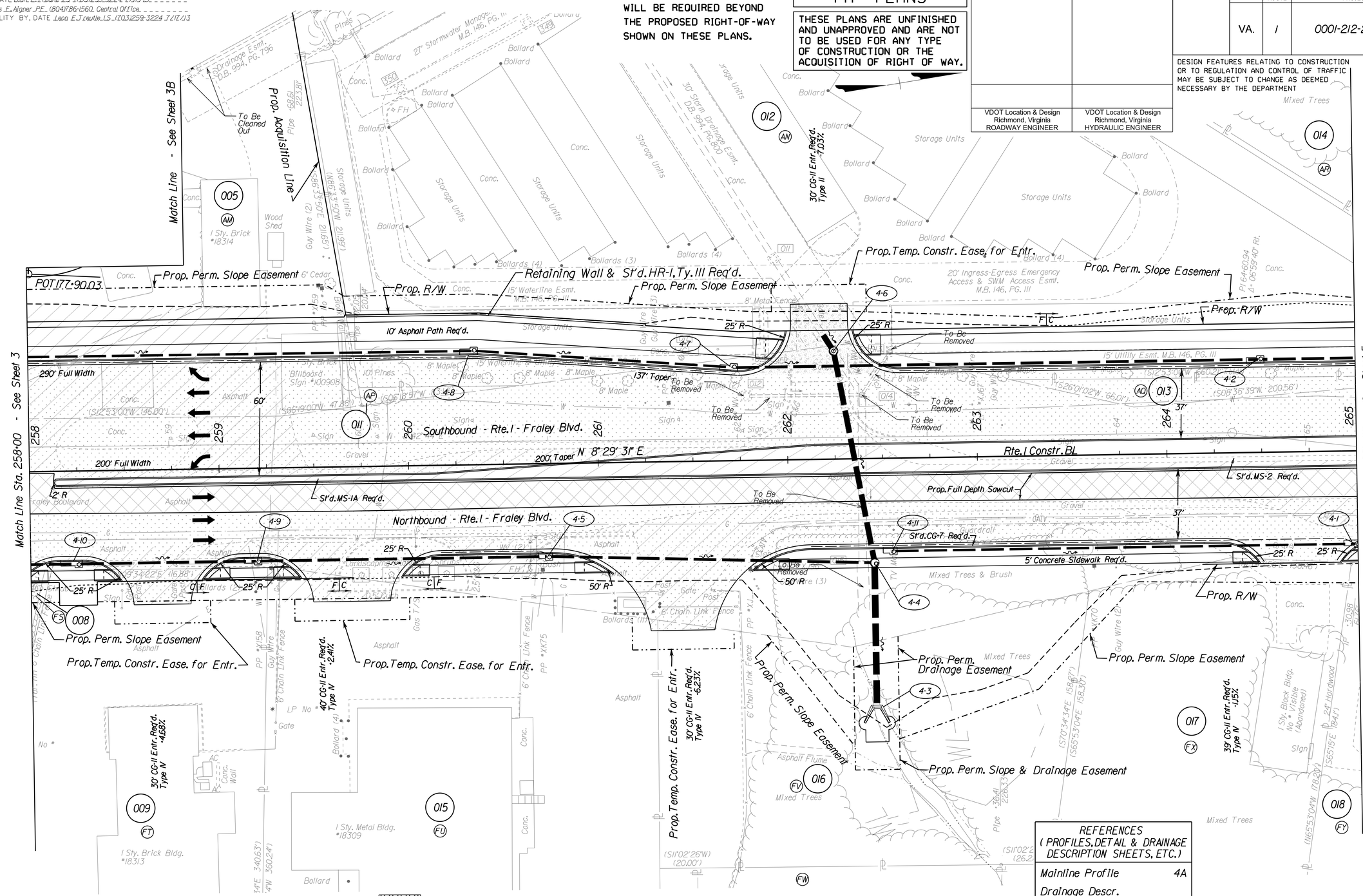
VDOT Location & Design Richmond, Virginia ROADWAY ENGINEER	VDOT Location & Design Richmond, Virginia HYDRAULIC ENGINEER

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	1	0001-212-249, PE-101	4

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



REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Mainline Profile	4A
Drainage Descr.	
Utility Owners	3
Entrance Profiles	19(1)
Property Owners	1E-1E(3)

SCALE	PROJECT	SHEET NO.
0 25' 50'	0001-212-249	4

PROJECT MANAGER Hang "Jenny" Ha, P.E. (703)259-2907 NOVA District
SURVEYED BY, DATE Leon. E. Treutle LS (703)259-3224 7/17/13
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ADDITIONAL EASEMENTS WILL BE REQUIRED BEYOND THE PROPOSED RIGHT-OF-WAY SHOWN ON THESE PLANS.

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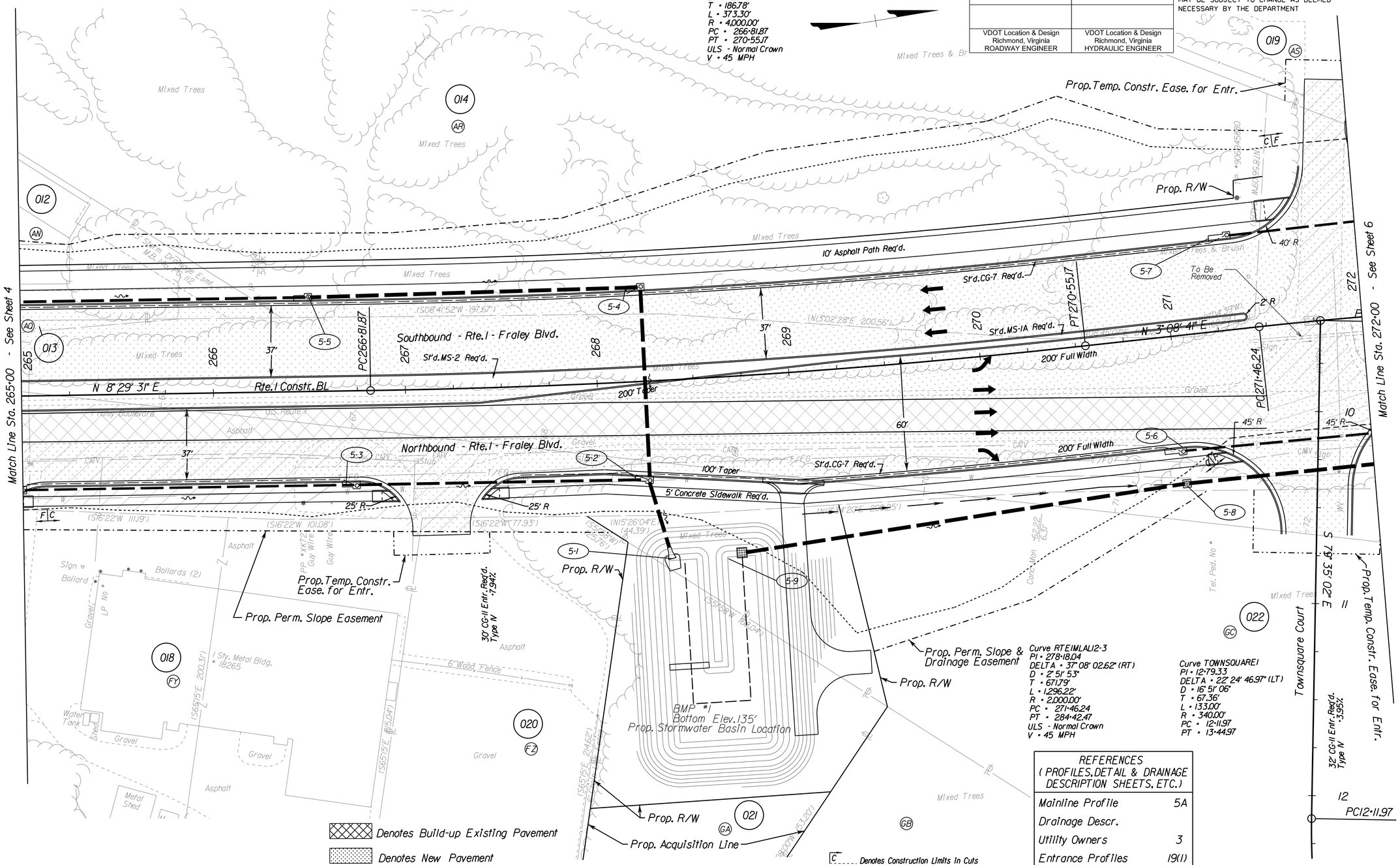
VDOT Location & Design Richmond, Virginia ROADWAY ENGINEER	VDOT Location & Design Richmond, Virginia HYDRAULIC ENGINEER

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	1	0001-212-249, PE-101	5

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

Curve RTEIMLAL12-2
PI = 268+68.66
DELTA = 5° 20' 49.52" (LT)
D = 1° 25' 57"
T = 186.78'
L = 373.30'
R = 4,000.00'
PC = 266+81.87
PT = 270+55.17
ULS - Normal Crown
V = 45 MPH



Curve RTEIMLAL12-3
PI = 278+18.04
DELTA = 37° 08' 02.62" (RT)
D = 2° 51' 53"
T = 671.79'
L = 1,296.22'
R = 2,000.00'
PC = 271+46.24
PT = 284+42.47
ULS - Normal Crown
V = 45 MPH

Curve TOWNSQUARE1
PI = 12+79.33
DELTA = 22° 24' 46.97" (LT)
D = 16° 51' 06"
T = 67.36'
L = 133.00'
R = 340.00'
PC = 12+11.97
PT = 13+44.97

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Mainline Profile	5A
Drainage Descr.	
Utility Owners	3
Entrance Profiles	19(1)
Property Owners	1E-1E(3)

SCALE 0 25' 50'

PROJECT	SHEET NO.
0001-212-249	5

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Plotted By: WAP04107$

PROJECT MANAGER Hang "Jenny" Ha, P.E. (703)259-2907 NOVA District
SURVEYED BY, DATE Leon. E. Treutle LS (703)259-3224 7/17/13
DESIGN BY Thomas E. Algner P.E. (804)786-1560 Central Office
SUBSURFACE UTILITY BY, DATE Leon E. Treutle LS (703)259-3224 7/17/13

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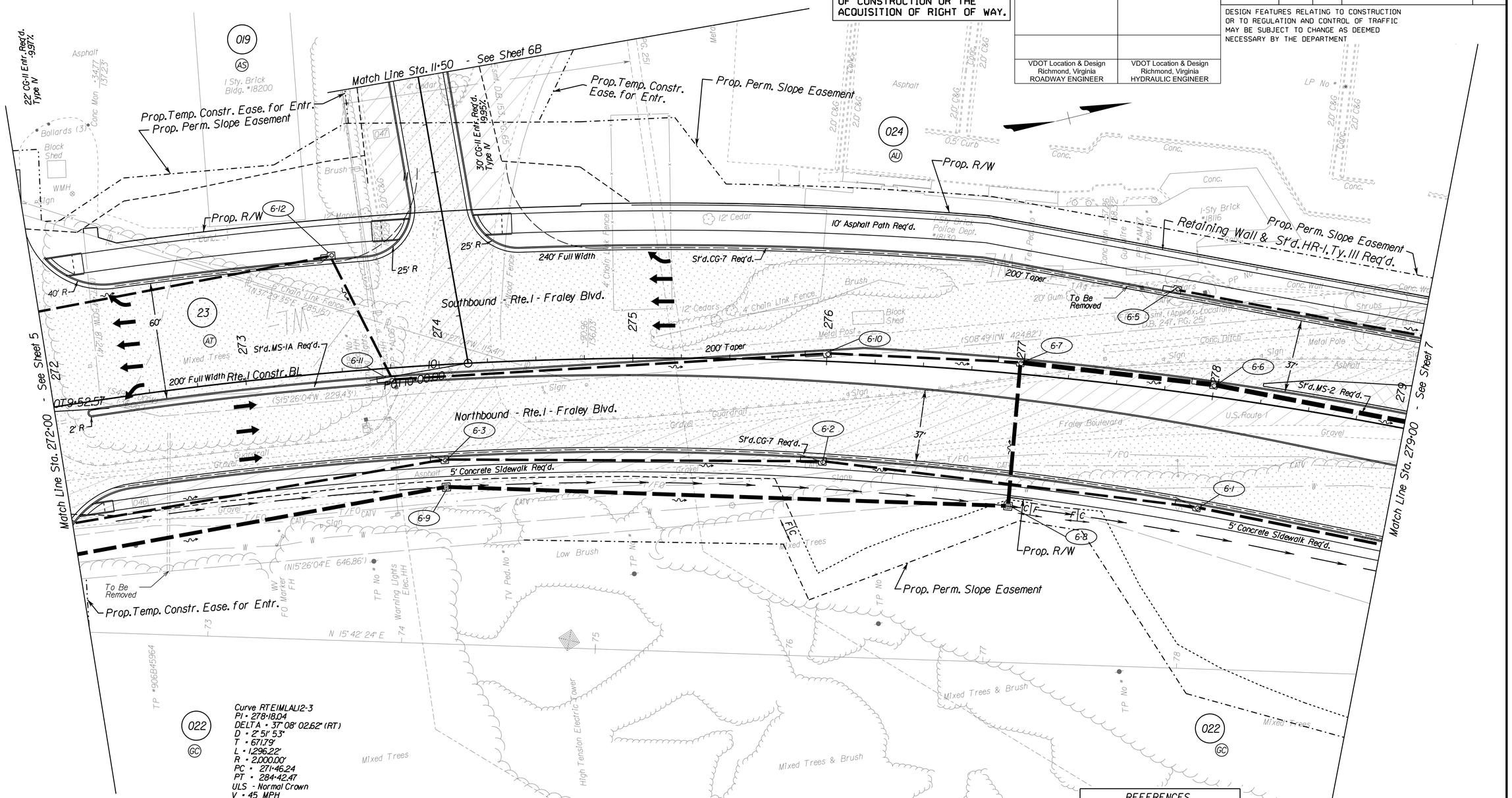
VDOT Location & Design Richmond, Virginia ROADWAY ENGINEER	VDOT Location & Design Richmond, Virginia HYDRAULIC ENGINEER

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	1	0001-212-249, PE-101	6

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



Denotes Build-up Existing Pavement

Denotes New Pavement

Denotes Demolition of Existing Pavement

C ..... Denotes Construction Limits In Cuts

F _ _ Denotes Construction Limits In Fills

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Mainline Profile	6A
Drainage Descr.	
Utility Owners	3
Entrance Profiles	19(3)-19(4)
Property Owners	1E-1E(3)

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SCALE	PROJECT	SHEET NO.
0 25' 50'	0001-212-249	6

PROJECT MANAGER Hang "Jenny" Ha, P.E. (703)259-2907 NOVA District
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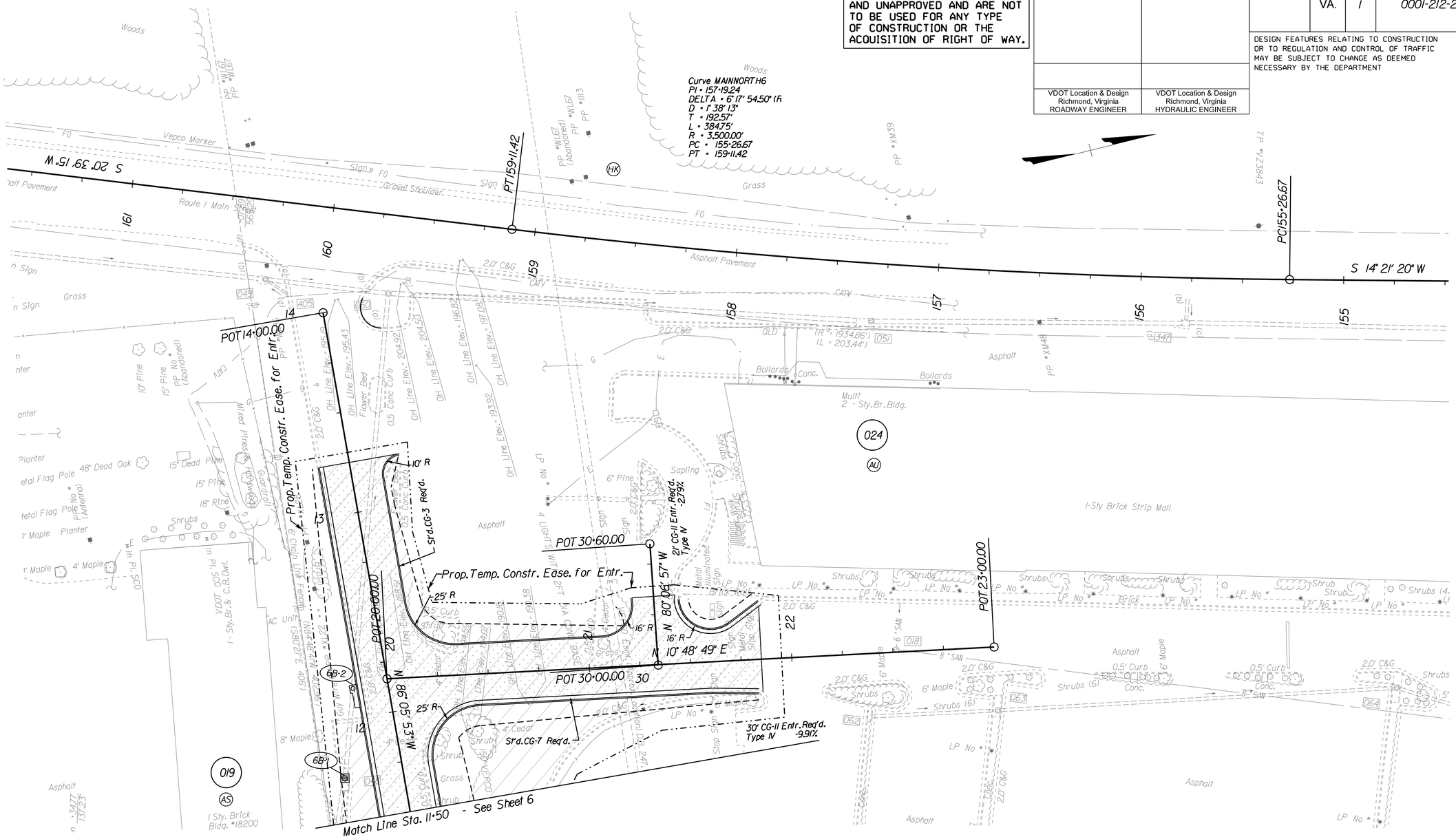
VDOT Location & Design Richmond, Virginia ROADWAY ENGINEER	VDOT Location & Design Richmond, Virginia HYDRAULIC ENGINEER

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	1	0001-212-249, PE-101	6B

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



REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Drainage Descr.	
Utility Owners	3
Entrance Profiles	19(3)-19(4)
Property Owners	1E-1E(3)

ADDITIONAL EASEMENTS WILL BE REQUIRED BEYOND THE PROPOSED RIGHT-OF-WAY SHOWN ON THESE PLANS.

SCALE	PROJECT	SHEET NO.
0 25' 50'	0001-212-249	6B

PROJECT MANAGER Hang "Jenny" Ha, P.E. (703)259-2907 NOVA District
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REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	1	0001-212-249, PE-101	7

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

VDOT Location & Design Richmond, Virginia ROADWAY ENGINEER	VDOT Location & Design Richmond, Virginia HYDRAULIC ENGINEER

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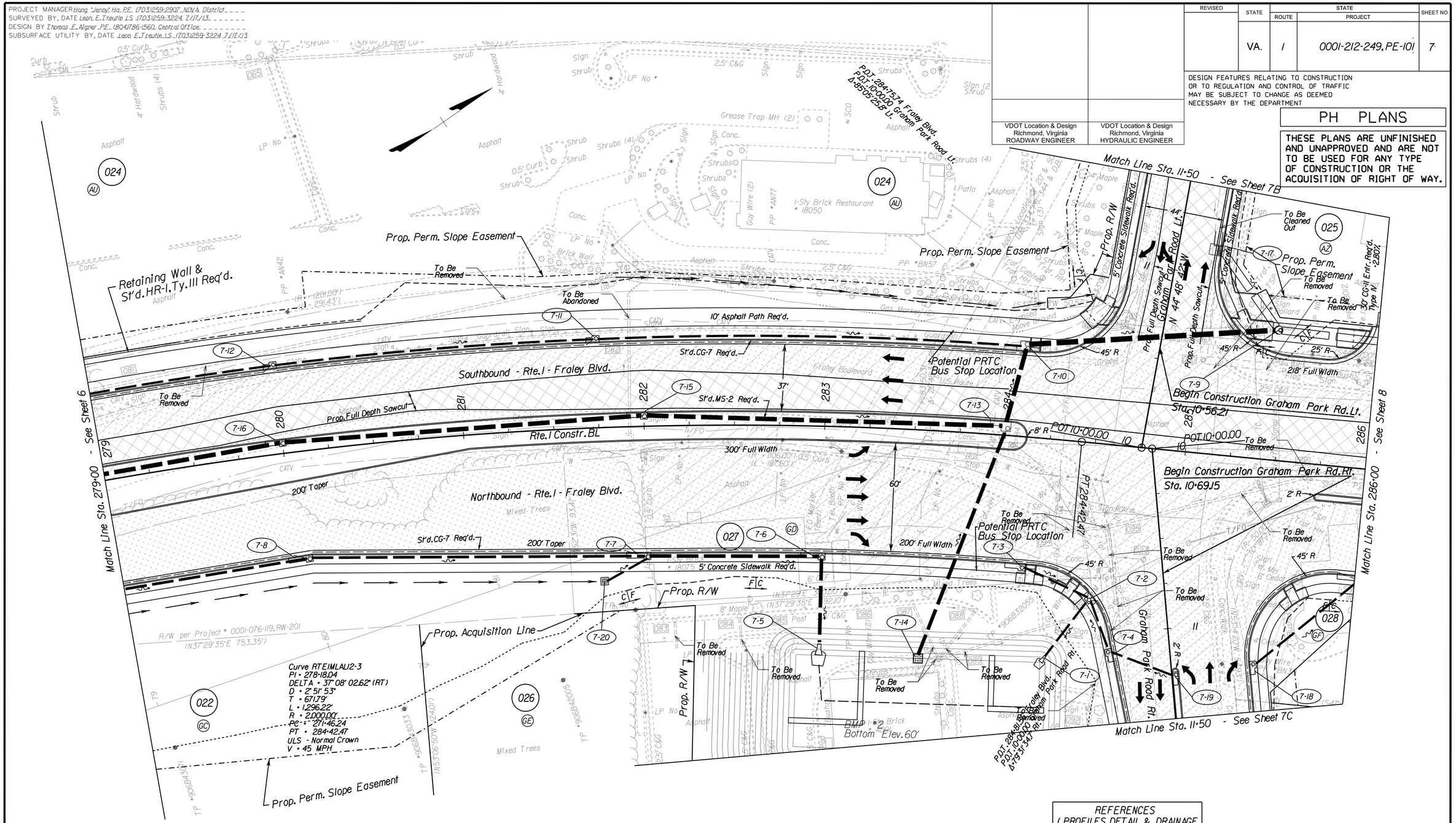

Denotes Build-up Existing Pavement

Denotes New Pavement

Denotes Demolition of Existing Pavement

C ..... Denotes Construction Limits in Cuts

F ..... Denotes Construction Limits in Fills

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Mainline Profile	7A
Drainage Descr.	
Graham Park Profiles	7D
Utility Owners	3
Entrance Profiles	19(1)
Property Owners	1E-1E(3)

ADDITIONAL EASEMENTS WILL BE REQUIRED BEYOND THE PROPOSED RIGHT-OF-WAY SHOWN ON THESE PLANS.

SCALE	PROJECT	SHEET NO.
0 25' 50'	0001-212-249	7

PROJECT MANAGER Hang "Jenny" Ha, P.E. (703)259-2907 NOVA District
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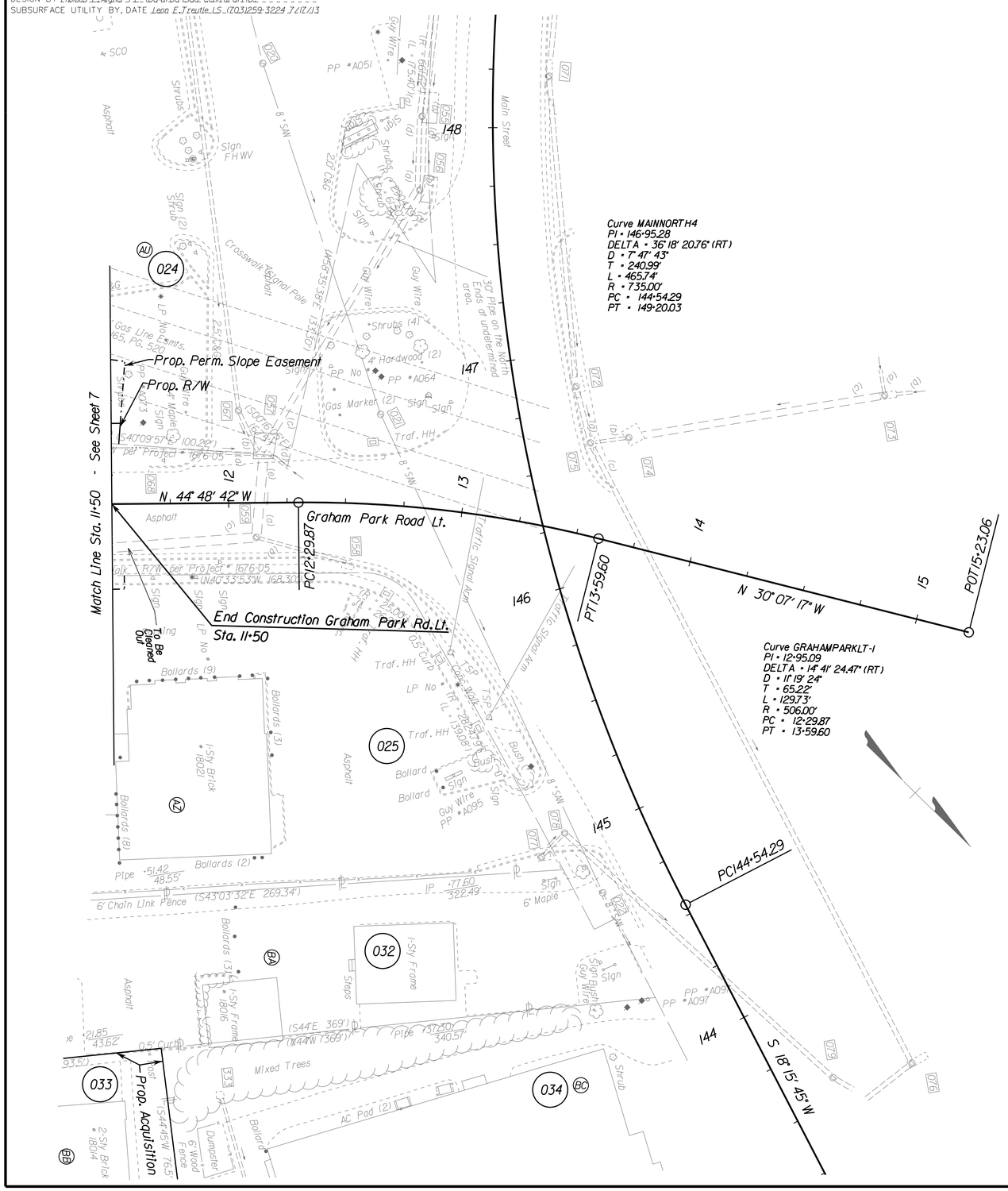

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	1	0001-212-249, PE-101	7B

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

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C _ _ _ Denotes Construction Limits In Cuts
F _ _ _ Denotes Construction Limits In Fills

Denotes Build-up Existing Pavement
Denotes New Pavement
Denotes Demolition of Existing Pavement

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Graham Park Lt. Profile	7D
Drainage Descr.	
Utility Owners	3
Property Owners	1E-1E(3)

SCALE	PROJECT	SHEET NO.
0 25' 50'	0001-212-249	7B

PROJECT MANAGER Hang "Jenny" Ha, P.E. (703)259-2907 NOVA District
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REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	1	0001-212-249, PE-101	7C

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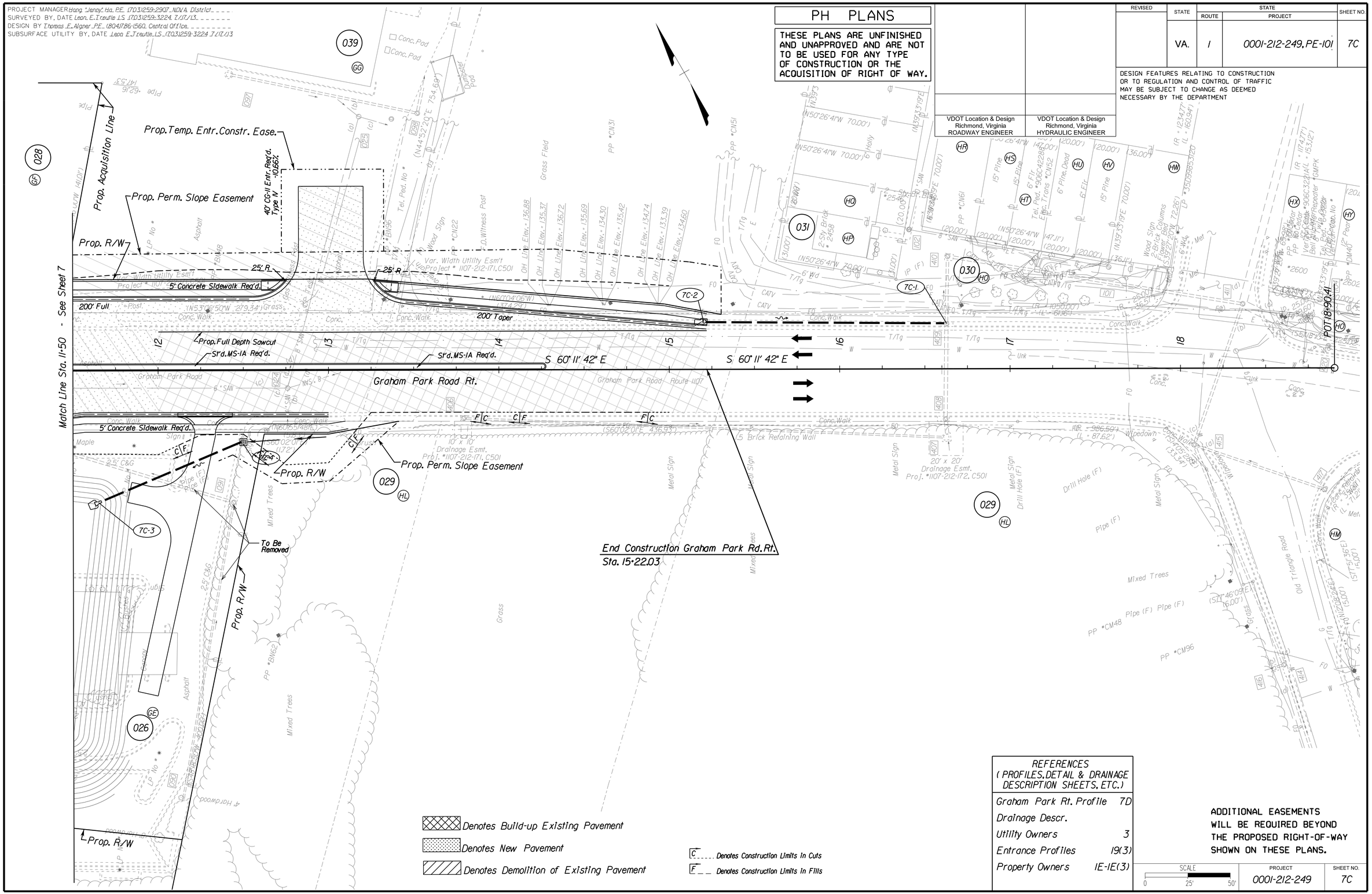
VDOT Location & Design
Richmond, Virginia
ROADWAY ENGINEER

VDOT Location & Design
Richmond, Virginia
HYDRAULIC ENGINEER



REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Graham Park Rt. Profile	7D
Drainage Descr.	
Utility Owners	3
Entrance Profiles	19(3)
Property Owners	1E-1E(3)

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SCALE	PROJECT	SHEET NO.
0 25' 50'	0001-212-249	7C