



PROJECT DESIGN MANAGER: Mr. Mark Brewer, PE (Dewberry) - (703) 849-0622  
SURVEYED BY: Quantum Spatial - (703) 471-4510, 06/20  
DESIGNED BY: Dewberry Engineers Inc. - (703) 208-1757  
SUBSURFACE UTILITY BY: SAM, LLC - (703) 361-6005, 07/20

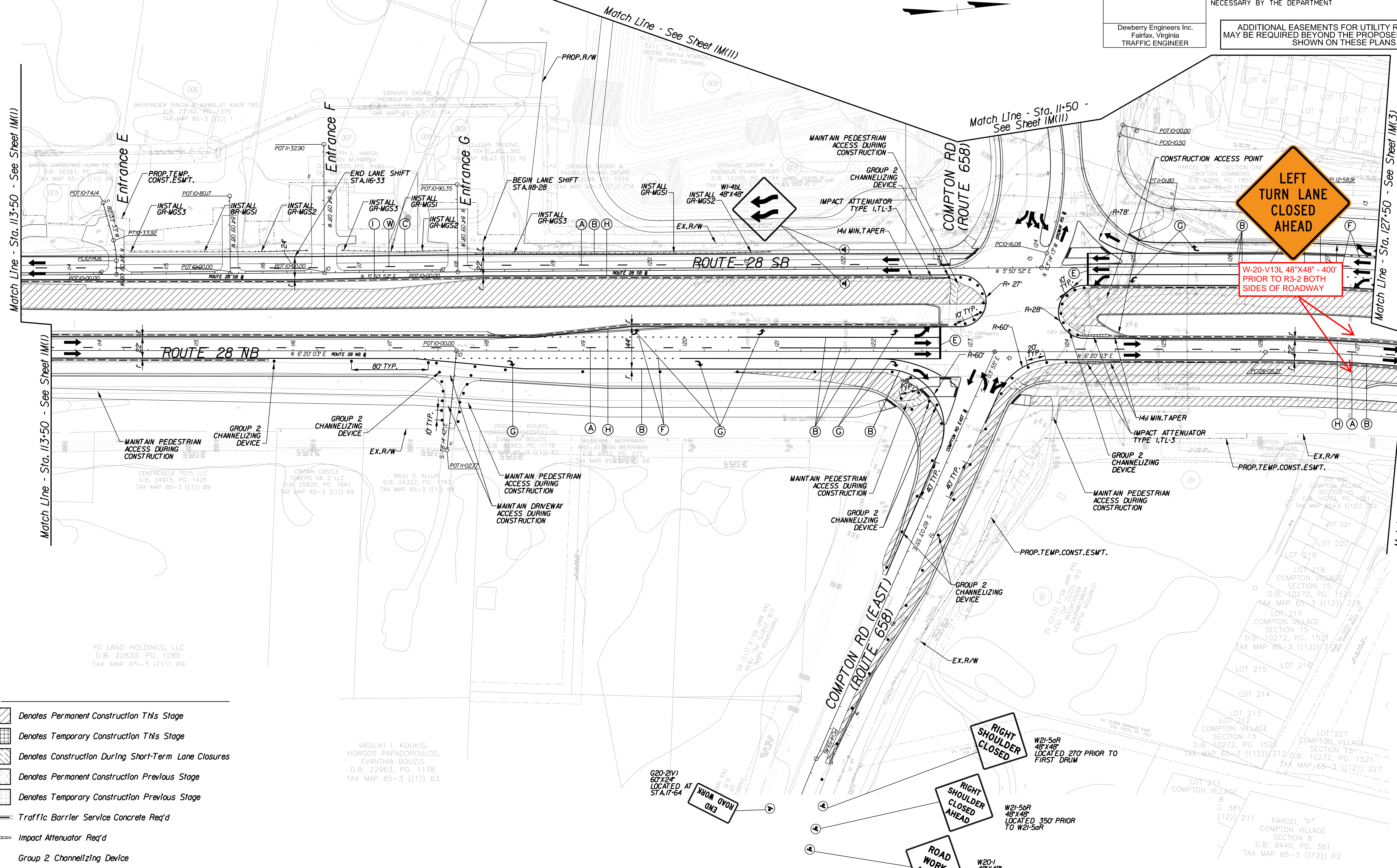
# TEMPORARY TRAFFIC CONTROL STAGE 1B EARLY

	REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
		VA.	28		0028-029-269 P101 R201 C501	1M (2A)

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

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT-OF-WAY SHOWN ON THESE PLANS

Dewberry Engineers Inc.  
Fairfax, Virginia  
TRAFFIC ENGINEER



- Legend**
- Denotes Permanent Construction This Stage
  - Denotes Temporary Construction This Stage
  - Denotes Construction During Short-Term Lane Closures
  - Denotes Permanent Construction Previous Stage
  - Denotes Temporary Construction Previous Stage
  - Traffic Barrier Service Concrete Req'd
  - Impact Attenuator Req'd
  - Group 2 Channelizing Device

Note: See Sheet 1K for Pavement Marking Legend

SCALE: 0 50' 100'

PROJECT: 0028-029-269

SHEET NO.: 1M(2A)



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# TEMPORARY TRAFFIC CONTROL STAGE 1B

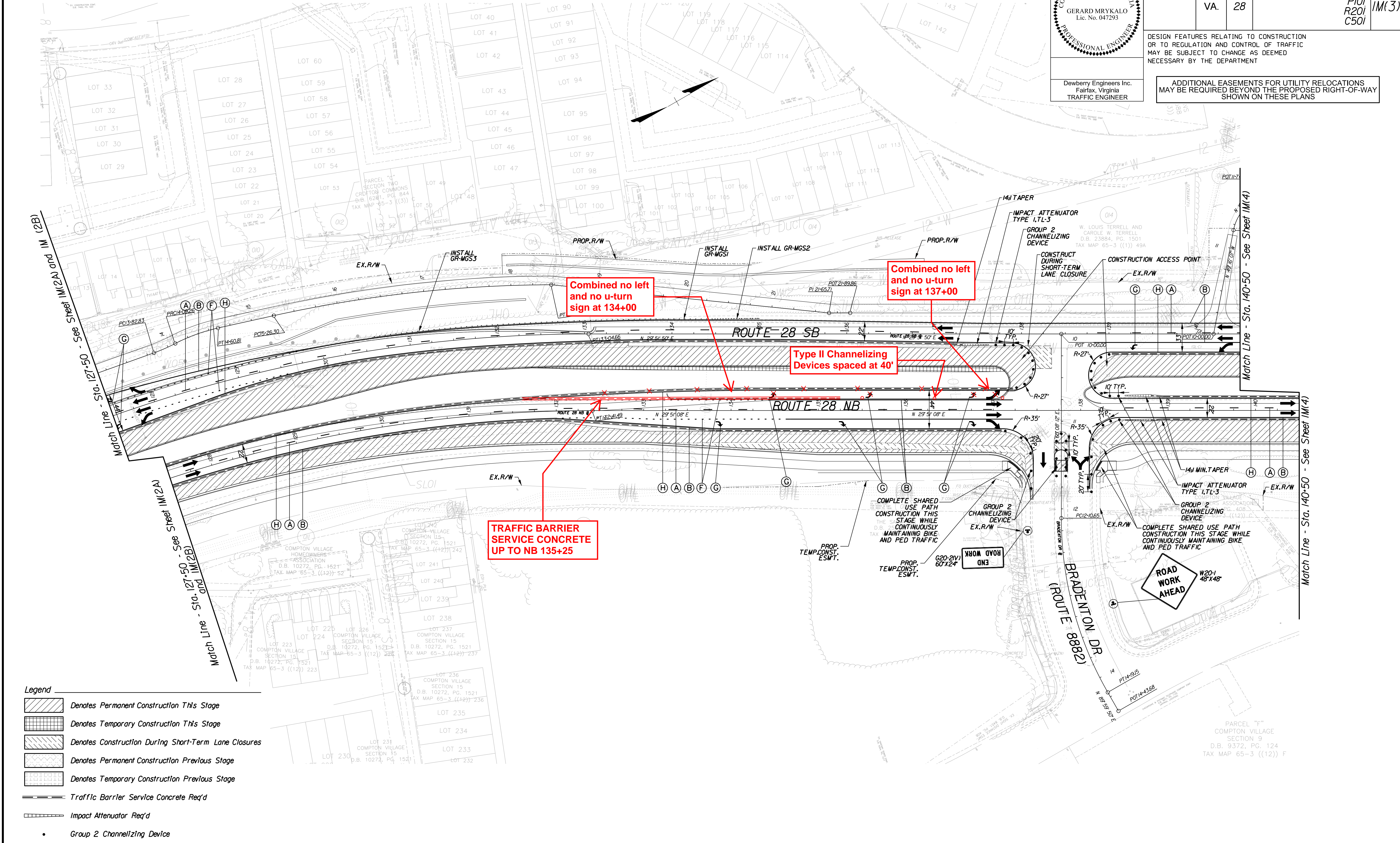
COMMONWEALTH OF VIRGINIA  
GERARD MRYKALO  
Lic. No. 047293  
PROFESSIONAL ENGINEER

Dewberry Engineers Inc.  
Fairfax, Virginia  
TRAFFIC ENGINEER

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	28	0028-029-269 P101 R201 C501	IM(3)

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Note: See Sheet IK for Pavement Marking Legend

SCALE: 0 50' 100'

PROJECT: 0028-029-269

SHEET NO. IM(3)



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**LEGEND**

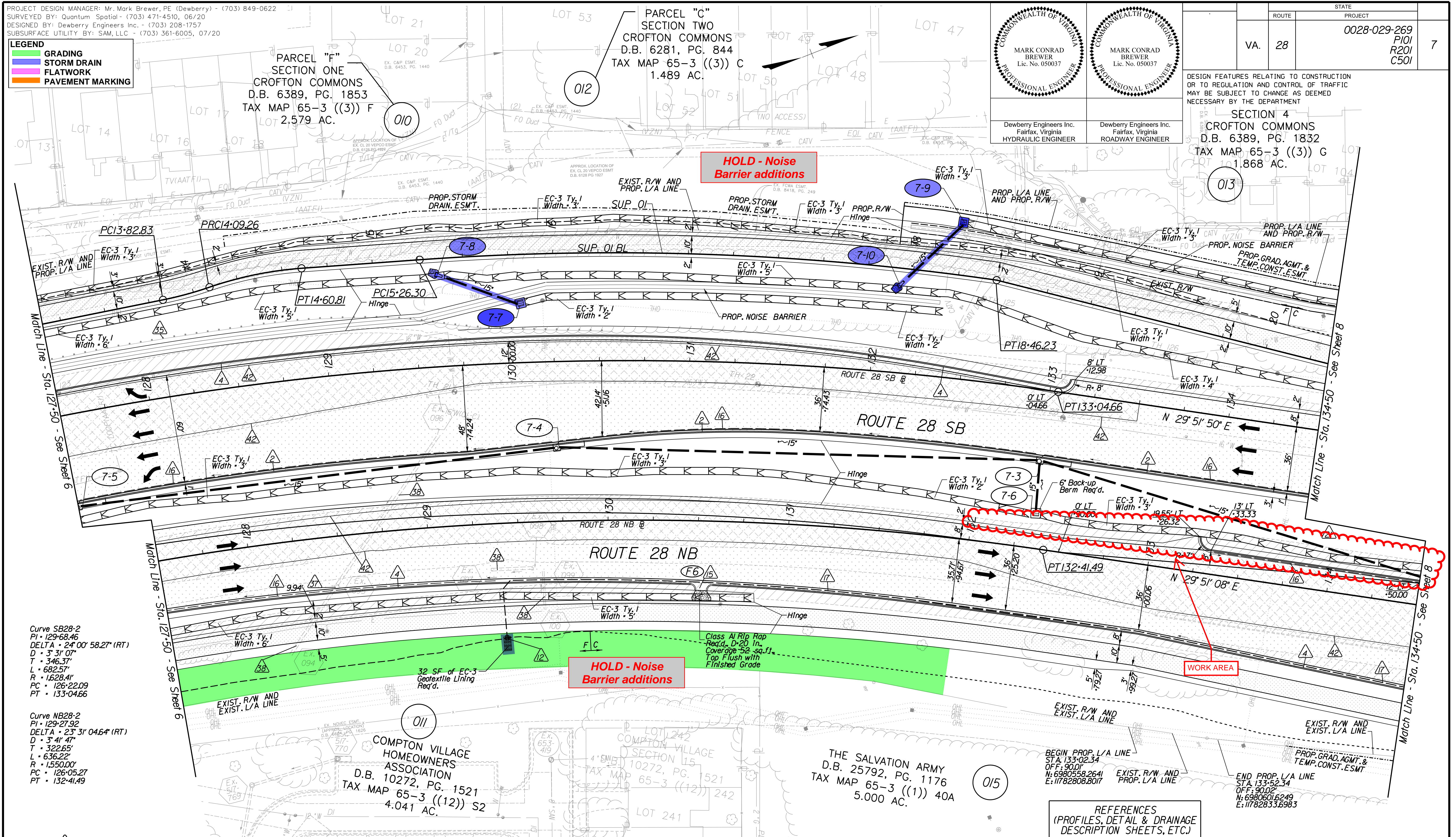
	GRADING
	STORM DRAIN
	FLATWORK
	PAVEMENT MARKING

Dewberry Engineers Inc. Fairfax, Virginia HYDRAULIC ENGINEER	Dewberry Engineers Inc. Fairfax, Virginia ROADWAY ENGINEER

STATE	ROUTE	PROJECT	
VA.	28	0028-029-269 P101 R201 C501	7

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SECTION 4  
CROFTON COMMONS  
D.B. 6389, PG. 1832  
TAX MAP 65-3 ((3)) G  
1.868 AC.



Curve SB28-2  
PI • 129+68.46  
DELTA • 24° 00' 58.27" (RT)  
D • 3' 31' 07"  
T • 346.37'  
L • 682.57'  
R • 1628.41'  
PC • 126+22.09  
PT • 133+04.66

Curve NB28-2  
PI • 129+27.92  
DELTA • 23° 31' 04.64" (RT)  
D • 3' 41' 47"  
T • 322.65'  
L • 636.22'  
R • 1550.00'  
PC • 126+05.27  
PT • 132+41.49

- Key Legend**
- 1 6" Curb, S'd, CG-2 Req'd.
  - 2 4" Curb, S'd, CG-3 Req'd.
  - 3 6" Curb and Gutter, S'd, CG-6 Req'd.
  - 4 4" Curb and Gutter, S'd, CG-7 Req'd.
  - 5 Conc. Raised Median, S'd, MS-1 with 4" Curb Req'd.
  - 6 Entrance Gutter, S'd, CG-9B Req'd.
  - 7 Conc. Raised Median, S'd, MS-1A (6" Curb)
  - 8 Grass Raised Median, S'd, MS-2 (6" Curb)
  - 9 Entrance Gutter, S'd, CG-9D Req'd.
  - 10 Entrance, S'd, CG-11 Req'd.
  - 11 Curb Ramp, S'd, CG-12 Req'd.
  - 12 Underdrain Endwall, S'd, EW-12 Req'd.
  - 13 Shoulder Break Over Line
  - 14 Groundwater Underdrain, S'd, UD-1 Req'd.
  - 15 Curb-Cul Opening, Drainage Flume
  - 16 Pavement Underdrain, S'd, UD-4 Req'd.
  - 17 Pavement Underdrain, Mod. 6" UD-4 Req'd.
  - 18 Crossdrain, S'd, CD-1 Req'd. (VDOT S'd, 108.04)
  - 19 Crossdrain, S'd, CD-2 Req'd. (VDOT S'd, 108.05)
  - 20 Standard Fence, S'd, FE-CL Req'd.
  - 21 Grass Raised Median, S'd, MS-2 (4" Curb)
  - 22 Chain Link Fence, S'd, FE-CL Req'd.
  - 23 Guardrail, S'd, GR-MGS1 Req'd.
  - 24 Guardrail, S'd, GR-MGS1A Req'd.
  - 25 Guardrail Tangent End Terminal, S'd, GR-MGS2 Req'd.
  - 26 Guardrail Trailing End, Anchorage, S'd, GR-MGS3 Req'd.
  - 27 Guardrail, S'd, GR-10, Type I Req'd.
  - 28 Guardrail, S'd, GR-10, Type II Req'd.
  - 29 Guardrail, S'd, GR-10, Type III Req'd.
  - 30 Fixed Object Att., S'd, GR-FOA-2 Ty.1 Req'd.
  - 31 Fixed Object Att., S'd, GR-FOA-2 Ty.2 Req'd.
  - 32 Guardrail Transition, S'd, GR-MGS4 Req'd.
  - 33 End CG-9D Entrance Type Handrail, S'd, HR-1 Type III Req'd.
  - 34
  - 35 Remove Exist. Guardrail
  - 36 Remove Exist. Fence
  - 37 Remove Exist. Structure
  - 38 Remove Or Abandon and Fill Exist. Pipe
  - 39 Remove Exist. Pole
  - 40 Adjust Exist. Structure
  - 41 Clean Out Exist. Structure
  - 42 Full Depth Sawcut
  - 43 Clean Out Exist. Pipe
  - 44 10" Gutter Run Out
  - 45 Median Barrier, S'd, MB-B Req'd.
  - 46 Pavement Demarcation Line

- 11 Curb Ramp, S'd, CG-12 Req'd.
- 12 Underdrain Endwall, S'd, EW-12 Req'd.
- 13 Shoulder Break Over Line
- 14 Groundwater Underdrain, S'd, UD-1 Req'd.
- 15 Curb-Cul Opening, Drainage Flume
- 16 Pavement Underdrain, S'd, UD-4 Req'd.
- 17 Pavement Underdrain, Mod. 6" UD-4 Req'd.
- 18 Crossdrain, S'd, CD-1 Req'd. (VDOT S'd, 108.04)
- 19 Crossdrain, S'd, CD-2 Req'd. (VDOT S'd, 108.05)
- 20 Standard Fence, S'd, FE-CL Req'd.
- 21 Grass Raised Median, S'd, MS-2 (4" Curb)
- 22 Chain Link Fence, S'd, FE-CL Req'd.

- 23 Guardrail, S'd, GR-MGS1 Req'd.
- 24 Guardrail, S'd, GR-MGS1A Req'd.
- 25 Guardrail Tangent End Terminal, S'd, GR-MGS2 Req'd.
- 26 Guardrail Trailing End, Anchorage, S'd, GR-MGS3 Req'd.
- 27 Guardrail, S'd, GR-10, Type I Req'd.
- 28 Guardrail, S'd, GR-10, Type II Req'd.
- 29 Guardrail, S'd, GR-10, Type III Req'd.
- 30 Fixed Object Att., S'd, GR-FOA-2 Ty.1 Req'd.
- 31 Fixed Object Att., S'd, GR-FOA-2 Ty.2 Req'd.
- 32 Guardrail Transition, S'd, GR-MGS4 Req'd.
- 33 End CG-9D Entrance Type Handrail, S'd, HR-1 Type III Req'd.
- 34

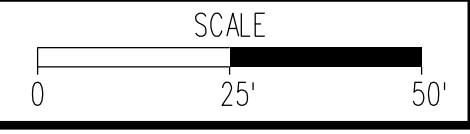
- 35 Remove Exist. Guardrail
- 36 Remove Exist. Fence
- 37 Remove Exist. Structure
- 38 Remove Or Abandon and Fill Exist. Pipe
- 39 Remove Exist. Pole
- 40 Adjust Exist. Structure
- 41 Clean Out Exist. Structure
- 42 Full Depth Sawcut
- 43 Clean Out Exist. Pipe
- 44 10" Gutter Run Out
- 45 Median Barrier, S'd, MB-B Req'd.
- 46 Pavement Demarcation Line

- Denotes Full Depth Pavement
- Denotes SUP/Driveway /Private Entrance Pavement
- Denotes Pavement Demolition
- Denotes Milling and Overlay / Variable Depth Overlay

- Curb Ramp See Sheet 2A(8-10)
- Curb Return See Sheet 2A(7)
- Denotes Construction Limits In Cuts
- Denotes Construction Limits In Fills

**REFERENCES**  
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

Construction Alignment	IG(1)-IG(2)
Horizontal Curve Data	IG(6)
Typical Sections	2A(1)
E&S Phase 1B(1)/2	2F(3)
E&S Phase 3	2G(3)
Route 28 SB Profile	7A
Route 28 NB Profile	7B
SUP-1 Profile	32(3)
Drainage Descriptions	33





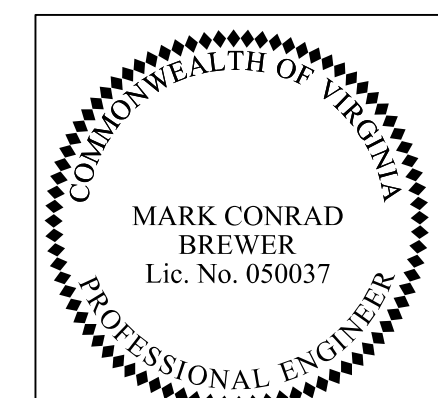
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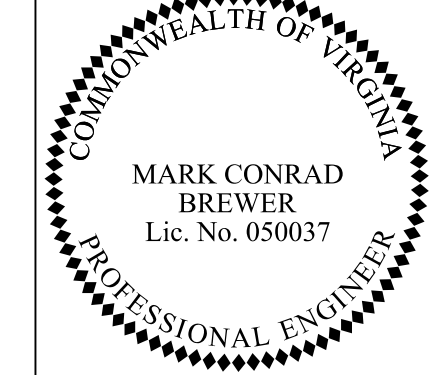
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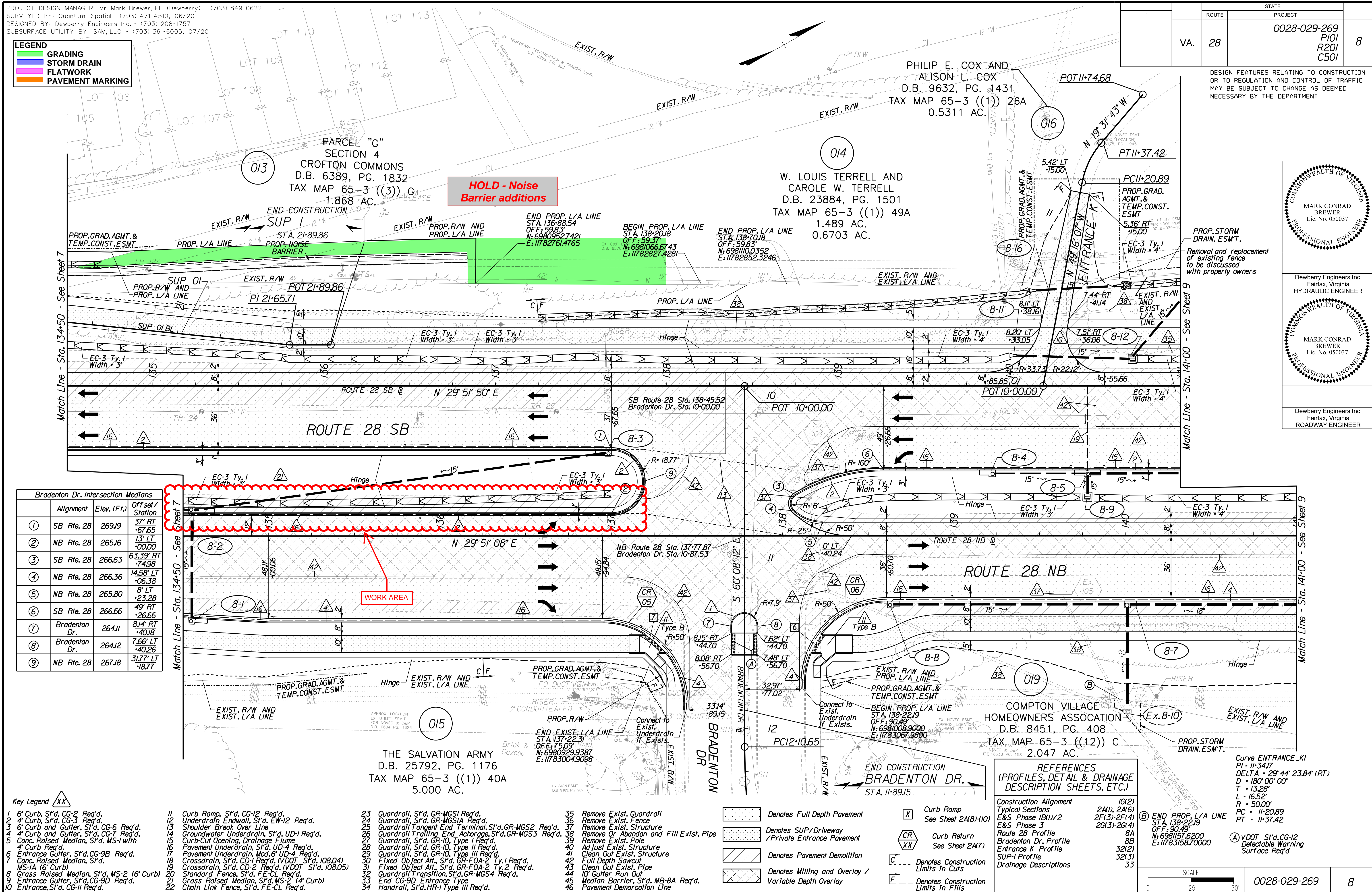
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Dewberry Engineers Inc. Fairfax, Virginia HYDRAULIC ENGINEER



Dewberry Engineers Inc. Fairfax, Virginia ROADWAY ENGINEER



**Bradenton Dr. Intersection Medians**

Alignment	Elev. (F1)	Offset/Station
1 SB Rte. 28	269.9	37' RT -67.65
2 NB Rte. 28	265.6	13' LT +00.00
3 SB Rte. 28	266.6	63.39' RT -74.98
4 NB Rte. 28	266.36	14.58' LT -06.38
5 NB Rte. 28	265.80	8' LT -23.28
6 SB Rte. 28	266.66	49' RT -26.66
7 Bradenton Dr.	264.11	8.14' RT -40.18
8 Bradenton Dr.	264.12	7.66' LT -40.26
9 NB Rte. 28	267.18	31.77' LT -18.77

- Key Legend**
- 1 6" Curb, S'd, CG-2 Req'd.
  - 2 4" Curb, S'd, CG-3 Req'd.
  - 3 6" Curb and Gutter, S'd, CG-6 Req'd.
  - 4 4" Curb and Gutter, S'd, CG-7 Req'd.
  - 5 Conc. Raised Median, S'd, MS-1 with 4" Curb Req'd.
  - 6 Entrance Gutter, S'd, CG-9B Req'd.
  - 7 Conc. Raised Median, S'd, MS-1A (6" Curb)
  - 8 Grass Raised Median, S'd, MS-2 (6" Curb)
  - 9 Entrance Gutter, S'd, CG-9D Req'd.
  - 10 Entrance, S'd, CG-11 Req'd.
  - 11 Curb Ramp, S'd, CG-12 Req'd.
  - 12 Underdrain Endwall, S'd, EW-12 Req'd.
  - 13 Shoulder Break Over Line
  - 14 Groundwater Underdrain, S'd, UD-1 Req'd.
  - 15 Curb-Cul Opening, Drainage Flume
  - 16 Pavement Underdrain, S'd, UD-4 Req'd.
  - 17 Pavement Underdrain, Mod. 6" UD-4 Req'd.
  - 18 Crossdrain, S'd, CD-1 Req'd. (VDOT S'd, 108.04)
  - 19 Crossdrain, S'd, CD-2 Req'd. (VDOT S'd, 108.05)
  - 20 Standard Fence, S'd, FE-CL Req'd.
  - 21 Grass Raised Median, S'd, MS-2 (4" Curb)
  - 22 Chain Link Fence, S'd, FE-CL Req'd.
  - 23 Guardrail, S'd, GR-MGS1 Req'd.
  - 24 Guardrail, S'd, GR-MGS1A Req'd.
  - 25 Guardrail Tangent End Terminal, S'd, GR-MGS2 Req'd.
  - 26 Guardrail Trailing End, Achorage, S'd, GR-MGS3 Req'd.
  - 27 Guardrail, S'd, GR-10, Type II Req'd.
  - 28 Guardrail, S'd, GR-10, Type III Req'd.
  - 29 Fixed Object Att., S'd, GR-FOA-2 Ty.1 Req'd.
  - 30 Fixed Object Att., S'd, GR-FOA-2 Ty.2 Req'd.
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  - 41 Clean Out Exist. Pipe
  - 42 10" Gutter Run Out
  - 43 Median Barrier, S'd, MB-8A Req'd.
  - 44 Pavement Demarcation Line

**REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)**

Construction Alignment	IG(2) Typical Sections
E&S Phase 1B(1)/2	2A(1), 2A(6)
E&S Phase 3	2F(3)-2F(4)
Route 28 Profile	2G(3)-2G(4)
Bradenton Dr. Profile	8A
Entrance K Profile	8B
SUP-1 Profile	32(2)
Drainage Descriptions	32(3)
	33

**Curve ENTRANCE\_K1**

PI - 11+34.17  
DELTA - 29° 44' 23.84" (RT)  
D - 180° 00' 00"  
T - 13.28'  
L - 16.52'  
R - 50.00'  
PC - 11+20.89  
PT - 11+37.42

**END PROP. L/A LINE**  
STA. 138+22.19  
OFF. 90.49  
N: 6981057.62000  
E: 11783158.70000

**VDOT S'd, CG-12**  
Detectable Warning Surface Req'd

SCALE 0 25 50'

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