

FOR INDEX OF SHEETS SEE SHEET 1B

THIS PROJECT WAS DEVELOPED UTILIZING VDOT'S ENGINEERING DESIGN PACKAGE (GEOPAK).
GEOPAK Computer Identification No. 108720



FHWA 534 DATA 43103

STATE	FEDERAL AID PROJECT	ROUTE	STATE PROJECT	SHEET NO.
VA.	(FO)NHPP-5A01(810) (FO)NHPP-5B01(078) SEE Tabulation Below For Section Numbers	28	0028-029-269 P101, R201, C501 SEE Tabulation Below For Section Numbers	1

SEE SHEET 1J FOR ROADWAY FUNCTIONAL CLASSIFICATION AND TRAFFIC DATA

COUNTY OF FAIRFAX
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY
FAIRFAX COUNTY
LOCALLY ADMINISTERED DESIGN-BUILD PROJECT
CENTREVILLE ROAD WIDENING
PHASE 2 RIGHT OF WAY PLANS
NOVEMBER 2021

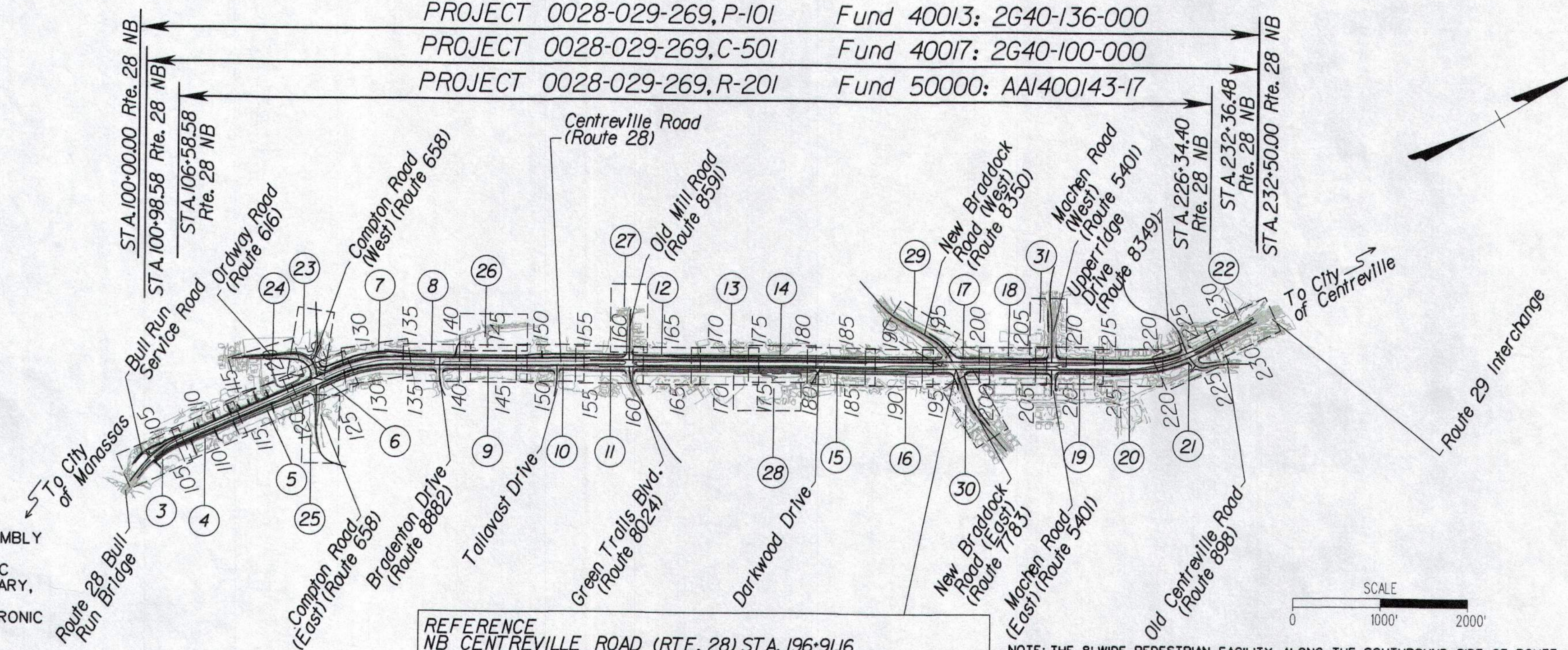
FROM: 0.073 MILES SOUTH OF PRINCE WILLIAM COUNTY LINE
TO: 0.057 MILES NORTH OF ROUTE 29

PROJECT MANAGER: James Beall, P.E. (Fairfax County) - (703) 877-5673.
SURVEYED BY: DATE Quantum Spatial - (703) 471-4510, 06/20
DESIGN BY: Mark Brewer, P.E. (Dewberry) - (703) 849-0622
SUBSURFACE UTILITY BY: DATE SAM, LLC - (703) 361-6005, 07/20.

CONVENTIONAL SIGNS

STATE LINE	-----
COUNTY LINE	-----
CITY/TOWN OR VILLAGE	-----
RIGHT OF WAY LINE	-----
FENCE LINE	-----
UNFENCED PROPERTY LINE	-----
FENCED PROPERTY LINE	-----
WATER LINE	-----
SANITARY SEWER LINE	-----
GAS LINE	-----
ELECTRIC UNDERGROUND CABLE	-----
TRAVELED WAY	-----
GUARD RAIL	-----
RETAINING WALL	-----
RAILROADS	-----
BASE OR SURVEY LINE	-----

LEVEE OR EMBANKMENT	-----
BRIDGES	-----
CULVERTS	-----
DROP INLET	-----
POWER POLES	-----
TELEPHONE OR TELEGRAPH POLES	-----
TELEPHONE OR TELEGRAPH LINES	-----
HEDGE	-----
TREES	-----
HEAVY WOODS	-----
GROUND ELEVATION	-----
GRADE ELEVATION	-----



LA Line was established by CTB actions in 1984 and 2020.
THE COMPLETE ELECTRONIC PDF VERSION OF THE PLAN ASSEMBLY AS AWARDED, HAS BEEN SEALED AND SIGNED USING DIGITAL SIGNATURES AND THE OFFICIAL PLAN ASSEMBLY IN ELECTRONIC FORMAT IS STORED IN THE VDOT CENTRAL OFFICE PLAN LIBRARY, INCLUDING ALL SUBSEQUENT REVISIONS, WILL BE THE OFFICIAL CONSTRUCTION PLANS. FOR INFORMATION RELATIVE TO ELECTRONIC FILES AND LAYERED PLANS, SEE THE GENERAL NOTES.

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

THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH VDOT'S 2016 ROAD AND BRIDGE SPECIFICATIONS, 2016 ROAD AND BRIDGE STANDARDS (REVISED 2020), 2009 MUTCD, 2011 VIRGINIA SUPPLEMENT TO THE MUTCD, 2011 VIRGINIA WORK AREA PROTECTION MANUAL, REV 1, VDOT NRO, AND AS AMENDED BY CONTRACT PROVISIONS AND THE COMPLETE ELECTRONIC PDF VERSION OF THE PLAN ASSEMBLY.

ALL CURVES ARE TO BE SUPERELEVATED, TRANSITIONED AND WIDENED IN ACCORDANCE WITH STANDARD TC-5.11U EXCEPT WHERE OTHERWISE NOTED.

THE ORIGINAL APPROVED TITLE SHEET(S), INCLUDING ORIGINAL SIGNATURES, ARE FILED IN THE VDOT CENTRAL OFFICE PLAN LIBRARY. ANY MISUSE OF ELECTRONIC FILES, INCLUDING SCANNED SIGNATURES, IS ILLEGAL AND ENFORCED TO THE FULL EXTENT OF THE LAW.

POPULATION: 1,081,726 (2010 CENSUS)
REFERENCE
NB CENTREVILLE ROAD (RTE. 28) STA. 196+91.16
CONN. NEW BRADDOCK ROAD EAST (RTE. 620) STA. 10+00.00

NOTE: THE 8' WIDE PEDESTRIAN FACILITY ALONG THE SOUTHBOUND SIDE OF ROUTE 28 FROM SB STA 209+82 TO UPPERRIDGE DR. SHALL BE MAINTAINED BY FAIRFAX COUNTY. ALL OTHER PEDESTRIAN FACILITIES SHALL BE MAINTAINED BY VDOT.

STATE PROJECT NO.	SECTION	FEDERAL AID PROJECT NO.	TYPE CODE	UPC NO.	EQUALITIES		LENGTH INCLUDING BRIDGE(S)		LENGTH EXCLUDING BRIDGE(S)		BRIDGE PLAN NO.	TYPE PROJECT	DESCRIPTION
					FEET	MILES	FEET	MILES	FEET	MILES			
0028-029-269	P-101	(FO)NHPP-5A01(810)	PENG	108720	N/A		13,565.00	2.569	13,565.00	2.569	N/A	Preliminary Engineering	From: 0.073 Miles South of Prince William County Line To: 0.057 Miles North of Route 29
0028-029-269	R-201	(FO)NHPP-5B01(078)	ROWA	108720	N/A		12,066.63	2.285	12,066.63	2.285	N/A	Right of Way	From: 0.248 Miles South of Prince William County Line To: 0.165 Miles North of Route 29
0028-029-269	C-501	(FO)NHPP-5B01(078)	1000	108720	N/A		12,050.00	2.282	12,050.00	2.282	N/A	Construction	From: 0.322 Miles South of Prince William County Line To: 0.095 Miles North of Route 29

Project Lengths are based on information provided with the RFP and matches the VDOT iPM Data

* NOTE:
PHASE 2 PARCELS INCLUDE ALL PROJECT PARCELS REQUIRING RIGHT OF WAY ACQUISITIONS WITH THE EXCEPTION OF PHASE 1 PARCELS.
PHASE 2 PARCELS INCLUDE ID NUMBERS: 001, 002, 003, 004, 005, 006, 007, 008, 010, 011, 012, 013, 014, 015, 016, 017, 019, 021, 022, 023, 024, 025, 026, 029, 030, 031, 032, 033, 034, 035, 036, 037, 038, 039, 040, 041, 042, 043, 044, 045, 046, 053, 054, 055
RIGHT OF WAY ACQUISITION APPROVAL FOR PHASE 1 PARCELS SECURED UNDER SEPARATE COVER, DATED JULY 2021.

TIER 2 PROJECT

LOCALLY ADMINISTERED PROJECTS

FAIRFAX COUNTY DEPARTMENT OF TRANSPORTATION (FCDOT)

NAME OF LOCALITY (Insert Above)

W. TODD MINIX, P.E.

RECOMMENDED FOR APPROVAL FOR RIGHT OF WAY ACQUISITION PHASE 2 PARCEL ACQUISITIONS *

CHEF, TRANSPORTATION DESIGN DIVISION

DATE: 12/07/21

TITLE OF POSITION (Insert Above)

JAMES BEALL, P.E.

DATE: 12/07/21

LOCALITY PROJECT MANAGER (P.E. REQUIRED)

RECOMMENDED FOR APPROVAL FOR RIGHT OF WAY ACQUISITION - PHASE 2 PARCELS *

Mark Brewer
DESIGN-BUILD DESIGN MANAGER (DEWBERRY)

DESIGN-BUILD PROJECT MANAGER (SHIRLEY)

VDOT DISTRICT CONSTRUCTION ENGINEER OR PPTA PROGRAM MANAGER
Bart Thrasher
2022.02.01 10:19:02-0900
CHIEF ENGINEER

APPROVED FOR RIGHT OF WAY ACQUISITION PHASE 2 PARCEL ACQUISITIONS *

CHIEF OF POLICY



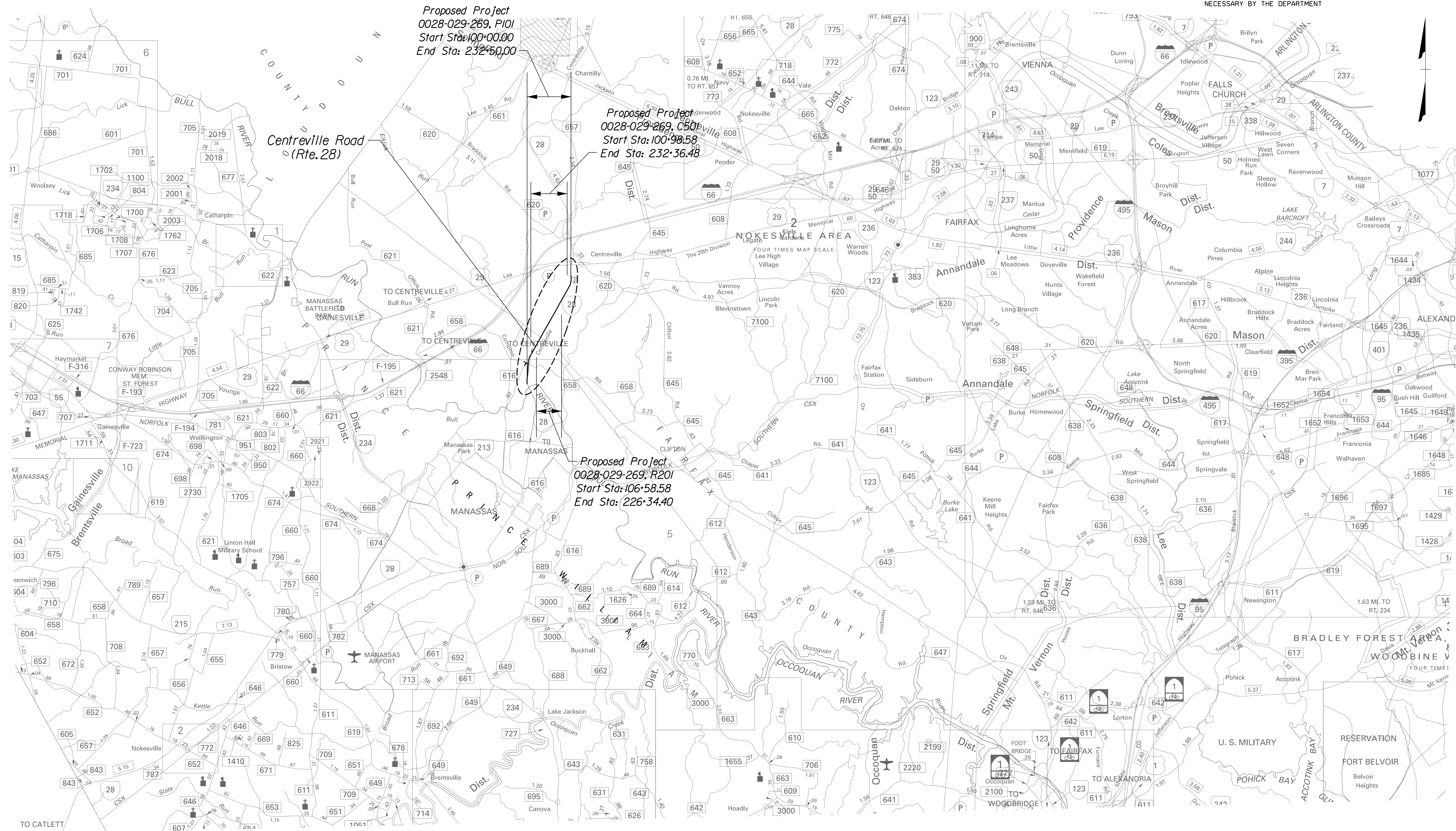
PROJECT DESIGN MANAGER: Mr. Mark Brewer, PE (Dewberry) - (703) 849-0622
SURVEYED BY: Quantum Spatial - (703) 471-4510, 06/20
DESIGNED BY: Dewberry Engineers Inc. - (703) 208-1757
SUBSURFACE UTILITY BY: SAM, LLC - (703) 361-6005, 07/20

LOCATION MAP

Fairfax County, VA

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

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



SCALE 0 5000' 10000'	PROJECT 0028-029-269	SHEET NO. 1A
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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

INDEX OF SHEETS

REVISED	STATE	STATE		SHEET NO.
	ROUTE	PROJECT		
	VA.	28	0028-029-269 P101 R201 C501	1B

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

I	Title Sheet	I1B	Profile - Old Mill Road - Sta. 10+00 Thru. Sta. 13+76.97 - Green Trails Blvd. - Sta. 10+00 Thru. Sta. 10+93.28
IA	Location Map Sheet	I2	Grading, Drainage and Pavement Plan - NB Route 28 - Sta. 161+00 Thru. Sta. 167+50 - SB Route 28 - Sta. 161+00 Thru. Sta. 167+50
IB	Index Of Sheets	I2A	Profile - NB Route 28 - Sta. 161+00 Thru. Sta. 167+50 - SB Route 28 - Sta. 161+00 Thru. Sta. 167+50
IC	Right Of Way Data Sheets	I3	Grading, Drainage and Pavement Plan - NB Route 28 - Sta. 167+50 Thru. Sta. 174+00 - SB Route 28 - Sta. 167+50 Thru. Sta. 174+00
ID	Revision Data Sheets	I3A	Profile - NB Route 28 - Sta. 167+50 Thru. Sta. 174+00 - SB Route 28 - Sta. 167+50 Thru. Sta. 174+00
IE	Not Used	I4	Grading, Drainage and Pavement Plan - NB Route 28 - Sta. 174+00 Thru. Sta. 180+50 - SB Route 28 - Sta. 174+00 Thru. Sta. 180+50
IF(1)-IF(2)	Survey Alignment Data	I4A	Profile - NB Route 28 - Sta. 174+00 Thru. Sta. 180+50 - SB Route 28 - Sta. 174+00 Thru. Sta. 180+50
IG(1)-IG(7)	Construction Alignment Data	I5	Grading, Drainage and Pavement Plan - NB Route 28 - Sta. 180+50 Thru. Sta. 187+50 - SB Route 28 - Sta. 180+50 Thru. Sta. 187+50 - Darkwood Drive - Sta. 10+00.00 Thru. Sta. 10+90.73
IH(1)-IH(6)	Underground Utility Test Hole Information Sheet	I5A	Profile - SB Route 28 - Sta. 180+50 Thru. Sta. 187+50
II	Not Used	I5B	Profile - NB Route 28 - Sta. 180+50 Thru. Sta. 187+50
IJ	Functional Classification and Traffic Data	I6	Grading, Drainage and Pavement Plan - NB Route 28 - Sta. 187+50 Thru. Sta. 194+00 - SB Route 28 - Sta. 187+50 Thru. Sta. 194+00
IK	Temporary Traffic Control Narrative	I6A	Profile - SB Route 28 - Sta. 187+50 Thru. Sta. 194+00
* IK(1)-IK(11)	Temporary Traffic Control Plan - Stage IA (Advanced Set)	I6B	Profile - NB Route 28 - Sta. 187+50 Thru. Sta. 194+00
* IL(1)-IL(11)	Transportation Management Plan - Stage IA (Advanced Set)	I7	Grading, Drainage and Pavement Plan - NB Route 28 - Sta. 194+00 Thru. Sta. 200+50 - SB Route 28 - Sta. 194+00 Thru. Sta. 200+50 - New Braddock Road West - Sta. 10+00 Thru. Sta. 11+50 - New Braddock Road East - Sta. 10+00 Thru. Sta. 11+50
IM(1)-IM(11)	Temporary Traffic Control Plan - Stage IB	I7A	Profile - SB Route 28 - Sta. 194+00 Thru. Sta. 200+50
IN(1)-IN(11)	Temporary Traffic Control Plan - Stage 2	I7B	Profile - NB Route 28 - Sta. 194+00 Thru. Sta. 200+50
IO	Not Used	I8	Grading, Drainage and Pavement Plan - NB Route 28 - Sta. 200+50 Thru. Sta. 207+00 - SB Route 28 - Sta. 200+50 Thru. Sta. 207+00
IP(1)-IP(11)	Temporary Traffic Control Plan - Stage 3A	I8A	Profile - SB Route 28 - Sta. 200+50 Thru. Sta. 207+00
IQ	Not Used	I8B	Profile - NB Route 28 - Sta. 200+50 Thru. Sta. 207+00
IR(1), IR(7)-IR(11)	Temporary Traffic Control Plan - Stage 3B	I9	Grading, Drainage and Pavement Plan - NB Route 28 - Sta. 207+00 Thru. Sta. 213+50 - SB Route 28 - Sta. 207+00 Thru. Sta. 213+50 - Machen Road West - Sta. 10+00 Thru. Sta. 11+75 - Machen Road East - Sta. 10+00 Thru. Sta. 11+50
IS(1)-IS(3)	Temporary Traffic Control Typical Sections & Details	I9A	Profile - SB Route 28 - Sta. 207+00 Thru. Sta. 213+50
IT(1)-IT(14)	Temporary Traffic Signal Plans	I9B	Profile - NB Route 28 - Sta. 207+00 Thru. Sta. 213+50
IU(1)-IU(11)	Transportation Management Plan - Stages IB - 3B	I9C	Profile - Machen Road East - Sta. 10+00 Thru. Sta. 12+43.11 - Upperridge Drive - Sta. 10+00 Thru. Sta. 12+06.12
2	General Notes	20	Grading, Drainage and Pavement Plan - NB Route 28 - Sta. 213+50 Thru. Sta. 220+50 - SB Route 28 - Sta. 213+50 Thru. Sta. 220+50
2A(1)-2A(6)	Typical Sections	20A	Profile - NB Route 28 - Sta. 213+50 Thru. Sta. 220+50 - SB Route 28 - Sta. 213+50 Thru. Sta. 220+50
2A(7)	Curb Return Data Sheet	21	Grading, Drainage and Pavement Plan - NB Route 28 - Sta. 220+50 Thru. Sta. 227+50 - SB Route 28 - Sta. 220+50 Thru. Sta. 227+50 - Upperridge Drive - Sta. 10+00 Thru. Sta. 11+50 - Old Centreville Road - Sta. 10+00 Thru. Sta. 14+50.35
2A(8)-2A(10)	Curb Ramp CG-12 Detail Sheets	21A	Profile - NB Route 28 - Sta. 220+50 Thru. Sta. 227+50 - SB Route 28 - Sta. 220+50 Thru. Sta. 227+50
2A(11)	Geotechnical Subgrade and Unsuitable Soils Treatment Plans	21B	Profile - Old Centreville Road - Sta. 10+00 Thru. Sta. 14+50.35
2B	Project Data Sheet	22	Grading, Drainage and Pavement Plan - NB Route 28 - Sta. 227+50 Thru. Sta. 232+36.48 - SB Route 28 - Sta. 227+50 Thru. Sta. 232+72.60 - Upperridge Drive - Sta. 11+50 Thru. Sta. 12+06.12
2B(1)-2B(13)	SWM Facility Design Sheets	22A	Profile - NB Route 28 - Sta. 227+50 Thru. Sta. 232+36.48 - SB Route 28 - Sta. 227+50 Thru. Sta. 232+72.60
2C	Affidavit of Phosphorous Credit Sale	23	Grading, Drainage and Pavement Plan - Ordway Road - Sta. 11+50 Thru. Sta. 14+25 - Compton Road West - Sta. 10+00 Thru. Sta. 12+51.92
2D	Erosion & Sediment Control General Notes	23A	Profile - Ordway Road - Sta. 10+00 Thru. Sta. 17+00
2D(1)	Soils Map	23B	Profile - Compton Road West - Sta. 10+00 Thru. Sta. 12+51.92
* 2D(1)-2D(10)	Erosion & Sediment Control Plans - Phase IA	24	Grading, Drainage and Pavement Plan - Ordway Road - Sta. 14+25 Thru. Sta. 20+16.40
2E(1)-2E(12)	Erosion & Sediment Control Plans - Phase IB(1)	24A	Profile - Ordway Road - Sta. 17+00 Thru. Sta. 20+16.40
2F(1)-2F(11)	Erosion & Sediment Control Plans - Phase IB(1) & 2	25	Grading, Drainage and Pavement Plan - Compton Road East - Sta. 11+50 Thru. Sta. 14+59.45
2G(1)-2G(11)	Erosion & Sediment Control Plans - Phase 3A & 3B	25A	Profile - Compton Road East - Sta. 10+00 Thru. Sta. 14+59.45
2H(1)-2H(7)	Erosion & Sediment Control Standard Details	26	SWM3-01
2I	Not Used	27	Grading, Drainage and Pavement Plan - Old Mill Road - Sta. 11+25 Thru. Sta. 13+76.97
2J	Roadside Development Sheet	28	SWM4-02
** 2K(X)-2K(XX)	Insertable Sheets	29	Grading, Drainage and Pavement Plan - New Braddock Road West - Sta. 11+50 Thru. Sta. 17+01.33
		29A	Profile - New Braddock Road West - Sta. 10+00 Thru. Sta. 17+01.33
		30	Grading, Drainage and Pavement Plan - New Braddock Road East - Sta. 11+50 Thru. Sta. 17+71.31
		30A	Profile - New Braddock Road East - Sta. 10+00 Thru. Sta. 17+00
		30B	Profile - New Braddock Road East - Sta. 17+00 Thru. Sta. 17+71.31
		31	Grading, Drainage and Pavement Plan - Machen Road East - Sta. 11+50 Thru. Sta. 12+43.11 Machen Road West - Sta. 11+75 Thru. Sta. 16+06.89
		31A	Profile - Machen Road West - Sta. 10+00 Thru. Sta. 16+06.89
3	Grading, Drainage and Pavement Plan - NB Route 28 - Sta. 102+46.18 Thru. Sta. 106+50 - SB Route 28 - Sta. 101+00.00 Thru. Sta. 106+50 - Bull Run Service Road - Sta. 10+33.77 Thru. Sta. 14+80.59		
3A	Profile - NB Route 28 - Sta. 102+46.18 Thru. Sta. 106+50 - SB Route 28 - Sta. 101+00.00 Thru. Sta. 106+50		
3B	Profile - Bull Run Service Road - Sta. 10+33.77 Thru. Sta. 14+80.59		
4	Grading, Drainage and Pavement Plan - NB Route 28 - Sta. 106+50 Thru. Sta. 113+50 - SB Route 28 - Sta. 106+50 Thru. Sta. 113+50		
4A	Profile - NB Route 28 - Sta. 106+50 Thru. Sta. 113+50 - SB Route 28 - Sta. 106+50 Thru. Sta. 113+50		
5	Grading, Drainage and Pavement Plan - NB Route 28 - Sta. 113+50 Thru. Sta. 120+50 - SB Route 28 - Sta. 113+50 Thru. Sta. 120+50		
5A	Profile - NB Route 28 - Sta. 113+50 Thru. Sta. 120+50 - SB Route 28 - Sta. 113+50 Thru. Sta. 120+50		
6	Grading, Drainage and Pavement Plan - NB Route 28 - Sta. 120+50 Thru. Sta. 127+50 - SB Route 28 - Sta. 120+50 Thru. Sta. 127+50 - Ordway Road - Sta. 10+00 Thru. Sta. 11+50 - Compton Road East - Sta. 10+00 Thru. Sta. 11+50		
6A	Profile - NB Route 28 - Sta. 120+50 Thru. Sta. 127+50 - SB Route 28 - Sta. 120+50 Thru. Sta. 127+50		
7	Grading, Drainage and Pavement Plan - NB Route 28 - Sta. 127+50 Thru. Sta. 134+50 - SB Route 28 - Sta. 127+50 Thru. Sta. 134+50		
7A	Profile - SB Route 28 - Sta. 127+50 Thru. Sta. 134+50		
7B	Profile - NB Route 28 - Sta. 127+50 Thru. Sta. 134+50		
8	Grading, Drainage and Pavement Plan - NB Route 28 - Sta. 134+50 Thru. Sta. 141+00 - SB Route 28 - Sta. 134+50 Thru. Sta. 141+00 - Bradenton Drive - Sta. 10+00 Thru. Sta. 11+89.15		
8A	Profile - NB Route 28 - Sta. 134+50 Thru. Sta. 141+00 - SB Route 28 - Sta. 134+50 Thru. Sta. 141+00		
8B	Profile - Bradenton Drive - Sta. 10+00 Thru. Sta. 11+89.15 - Tallavast Drive - Sta. 10+00 Thru. Sta. 11+00.57 - Darkwood Drive - Sta. 10+00 Thru. Sta. 10+90.73		
9	Grading, Drainage and Pavement Plan - NB Route 28 - Sta. 141+00 Thru. Sta. 147+50 - SB Route 28 - Sta. 141+00 Thru. Sta. 147+50		
9A	Profile - SB Route 28 - Sta. 141+00 Thru. Sta. 147+50		
9B	Profile - NB Route 28 - Sta. 141+00 Thru. Sta. 147+50		
10	Grading, Drainage and Pavement Plan - NB Route 28 - Sta. 147+50 Thru. Sta. 154+00 - SB Route 28 - Sta. 147+50 Thru. Sta. 154+00 - Tallavast Drive - Sta. 10+00 Thru. Sta. 11+00.57		
10A	Profile - NB Route 28 - Sta. 147+50 Thru. Sta. 154+00 - SB Route 28 - Sta. 147+50 Thru. Sta. 154+00		
11	Grading, Drainage and Pavement Plan - NB Route 28 - Sta. 154+00 Thru. Sta. 161+00 - SB Route 28 - Sta. 154+00 Thru. Sta. 161+00 - Old Mill Road - Sta. 10+00 Thru. Sta. 11+25 - Green Trails Boulevard - Sta. 10+00 Thru. Sta. 10+93.28		
11A	Profile - NB Route 28 - Sta. 154+00 Thru. Sta. 161+00 - SB Route 28 - Sta. 154+00 Thru. Sta. 161+00		

32(1)-32(6) Entrance Profiles and Shared Use Path Profiles
33(1)-33(9) Drainage Descriptions
34(1)-34(20) Storm Sewer Profile Sheets
35(1)-35(2) Ditch Tabulations
36,36(1)-36(18) Signing & Pavement Marking Plans
37(A)-37(5) Traffic Signal Plans
38-38(1) Intelligent Transportation System Plans
** 39(X)-39(XX) Lighting and Electrical Plans
** 40(X)-40(XX) Noise Barrier Plan and Profiles
41 Retaining Wall Profile Sheet
** 42(X)-42(XX) Utility Relocation Plans
** 43(X)-43(XX) Landscaping Plans

Total Cross Section Sheets - 166 (See Cross Section Index on Sheet X-1)

* Denotes Sheets Submitted for the Advanced TTC Plans
** Denotes Sheets Not Included in Plan Set (future Revision, if required)

N.T.S.	PROJECT 0028-029-269	SHEET NO. 1B
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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

RIGHT OF WAY DATA

REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	28	0028-029-269 P101 R201 C501	IC

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

City/County: Fairfax County, VA
UPC No.: 108720

Parcel No.	Landowner	Sheet No.	Fairfax County GPIN	Area: (Areas greater than or equal to 1 acre will be shown in acres to 3 decimal places (x.xxx). Areas less than 1 acre will be shown to square feet (x,xxx).)										
				Total	Fee Taking	Prescriptive R/W	Fee Remainder	Easements						
								Acres Or Sq. Ft.	Acres Or Sq. Ft.	Acres Or Sq. Ft.	Acres or Sq. Ft.	Permanent	Utility	Temporary
Yes / No														
001	Lewis E. Washington III & Chelsea B. Washington	3	0741-01-0003B1	2,027 Ac.							3,032 Sq. Ft.			No
002	Myung Soon Lee	4	0653-01-0085	1,012 Ac.							1,394 Sq. Ft.			No
003	John Tran & Lien Nguyen	4	0653-01-0086	4,003 Sq. Ft.							1,110 Sq. Ft.			No
004	Jae Seon Oum & Jae Murphy	4	0653-01-0087	1,900 Ac.							1,861 Sq. Ft.			No
005	Sarita Cardenas Juan De Dols	4,5	0653-01-0088	1,200 Ac.							4,570 Sq. Ft.			No
006	Bhupinder Singh & Kawaljit Kaur, Trustees	5,24	0653-02-0001	43,526 Sq. Ft.							3,305 Sq. Ft.			No
007	Trudy M. Harsh	5,24	0653-02-0002	1,074 Ac.					360 Sq. Ft.					No
008	Thuy-Linh Truong	5,24	0653-01-0070	2,780 Sq. Ft.							3,110 Sq. Ft.			No
* 009	Srinivas Dasari & Padmaja Phani Dasari	5,6,23,24	0653-01-0071A	2,923 Ac.	2,923 Ac.		0							No
010	Crofton Commons Homeowners Association	6,7,23	0653-03-F	2,579 Ac.					1,452 Sq. Ft.			345 Sq. Ft.		No
011	Compton Village Homeowners Association	6,7,25	0653-12-S2	4,041 Ac.								8,198 Sq. Ft.		No
012	Crofton Commons Homeowners Association	7	0653-03-C	1,489 Ac.	1,088 Sq. Ft.		1,464 Ac.		3,360 Sq. Ft.					No
013	Crofton Commons Homeowners Association	7,8	0653-03-G	1,868 Ac.			1,817 Sq. Ft.		1,826 Ac.		3,121 Sq. Ft.			No
014	W. Louis Terrell & Carole W. Terrell	8	0653-01-0049A	29,198 Sq. Ft.	4,128 Sq. Ft.		25,070 Sq. Ft.		1,305 Sq. Ft.					No
015	The Salvation Army	7,8	0653-01-0040A	5,000 Ac.	45 Sq. Ft.		4,999 Ac.					1,487 Sq. Ft.		No
016	Phillip E. Cox & Alison L. Cox	8,9,26	0653-01-0026A	23,135 Sq. Ft.						258 Sq. Ft.				No
017	Phillip E. Cox & Alison L. Cox	9,26	0653-01-0025	17,768 Sq. Ft.						544 Sq. Ft.				No
* 018	Ajay Bargati	9,26	0653-01-0024	1,391 Ac.			1,391 Ac.		0					No
019	Compton Village Homeowners Association	8,9,10	0653-12-C	2,047 Ac.					1,831 Sq. Ft.			761 Sq. Ft.		No
* 020	Ganga B. Bethi	9,10,26	0653-01-0018	4,552 Ac.	33,763 Sq. Ft.		3,777 Ac.					3,640 Sq. Ft.		No
021	Compton Village Homeowners Association	10	0653-12-L	5,876 Sq. Ft.			102 Sq. Ft.		5,774 Sq. Ft.			134 Sq. Ft.		No
022	Old Mill Community Association, Equitable Federal Savings Bank	11,27	0653-10-A	1,953 Ac.			2,158 Sq. Ft.		1,903 Ac.		566 Sq. Ft.	1,526 Sq. Ft.	4,636 Sq. Ft.	No
023	Old Mill Community Association, Equitable Federal Savings Bank	11,12,13,27	0653-09-B	4,736 Ac.	8,368 Sq. Ft.		4,544 Ac.		2,116 Sq. Ft.		10,171 Sq. Ft.	9,924 Sq. Ft.		No
024	Old Mill Community Association, Equitable Federal Savings Bank	13,14	0653-09-F1	2,279 Ac.	11,208 Sq. Ft.		2,022 Ac.		9,817 Sq. Ft.		4,283 Sq. Ft.	3,442 Sq. Ft.		No
025	Trustees of the Centreville United Methodist Church	14,15	0651-01-0014A	2,110 Ac.			1,776 Sq. Ft.		5,904 Sq. Ft.		6,154 Sq. Ft.	12,493 Sq. Ft.		No
026	School Board of Fairfax County	11,12,13,14,28	0653-04-A	13,126 Ac.					5,749 Sq. Ft.			1,932 Sq. Ft.		No
* 027	Surendra Berry & Shashi Berry	14,28	0651-01-0039	2,512 Ac.			2,512 Ac.		0					No
Not Used	Thomas Q. Pham & Thu K. Nguyen	N/A	0651-16-0042	13,719 Sq. Ft.										No
029	Marla L. Vasquez	15	0651-01-0008N	9,959 Sq. Ft.	1,520 Sq. Ft.		8,439 Sq. Ft.		2,167 Sq. Ft.		2,367 Sq. Ft.			No
030	Centreville Road, LC	15	0651-01-0008B	43,355 Sq. Ft.	436 Sq. Ft.		42,919 Sq. Ft.		343 Sq. Ft.		2,142 Sq. Ft.	1,253 Sq. Ft.		No
031	Hlen Binh Tran & Linh My Huynh	15	0651-01-0013	31,433 Sq. Ft.								699 Sq. Ft.		No
032	Compton Village Homeowners Association	15,16	0651-15-A	6,883 Ac.								6,777 Sq. Ft.		No
033	EPT Nineteen, Inc.	17,18,19,31	0652-01-0028	12,463 Ac.	6,113 Sq. Ft.				12,323 Ac.			4,963 Sq. Ft.		No
034	Colonial Pipeline Company	17,30	0652-02-0002A	34,236 Sq. Ft.								1,001 Sq. Ft.		No
035	Colonial Pipeline Company	17,18,30	0652-02-0001B	46,255 Sq. Ft.						269 Sq. Ft.		5,864 Sq. Ft.		No
036	Centre Med Owner, LLC	18,19,30,31	0652-01-0014A	5,100 Ac.			40 Sq. Ft.		5,099 Ac.			39 Sq. Ft.		No
037	Asher View Community Association	19,20,31	0652-130-A	3,862 Ac.			2,456 Sq. Ft.		3,805 Ac.		433 Sq. Ft.	3,503 Sq. Ft.		No
038	Branch Banking and Trust Company of Virginia	19,31	0652-01-0014E	36,914 Sq. Ft.			23 Sq. Ft.		36,891 Sq. Ft.			11,515 Sq. Ft.		No
039	Fairfax County Redevelopment and Housing Authority	20,21,22	0544-01-0073C	2,052 Ac.			2,446 Sq. Ft.		1,996 Ac.			3,262 Sq. Ft.		No
040	North Fairfax Drive Investments, LLC	20,21	0652-01-0005	1,132 Ac.							221 Sq. Ft.	2,481 Sq. Ft.		No
041	SH Park Associates, LLC	21,22	0544-05-0002N	1,895 Ac.	18 Sq. Ft.		1,895 Ac.				1,074 Sq. Ft.	1,018 Sq. Ft.		No
042	Shelia Marie Lewis	10	0653-1205-0002	20,127 Sq. Ft.								573 Sq. Ft.		No
043	Winding Ridge Homeowners Association	30	0652-11-A	2,572 Sq. Ft.			47 Sq. Ft.		2,525 Sq. Ft.			1,712 Sq. Ft.		No
044	Singleton Grove Homeowners Association	30	0652-01-0005	18,439 Sq. Ft.								791 Sq. Ft.		No
045	Singletons Grove Homeowners Association	30	0652-05-A3	6,536 Ac.								776 Sq. Ft.		No
046	Chady Thuy Truong	24	0653-02-0003	35,106 Sq. Ft.						847 Sq. Ft.		581 Sq. Ft.		No
Not Used	Janice A. Mitchell	N/A	0653-02-0004	20,045 Sq. Ft.										No
Not Used	William J. Palermo & Lori E. Palermo	N/A	0741-01-0005	4,600 Ac.										No
Not Used	Bryan A. Skokan	N/A	0653-01-0091	27,647 Sq. Ft.										No
Not Used	7015 Centreville LLC	N/A	0653-01-0090	1,432 Ac.										No
Not Used	Northern Virginia Regional Park Authority	N/A	0741-01-0016	13,673 Ac.										No
Not Used	Billy Roy Wu-Rorrer, Emily Renee Wu-Rorrer, Tzy-Wael Wu, & Fu-Mei Lin Wu	N/A	0741-01-0013	19,994 Sq. Ft.										No
053	Asher View Community Association	20	0652-1305-A	1,504 Ac.					416 Sq. Ft.			240 Sq. Ft.		No
054	Centre Village Homeowners Association	20	0652-16-A	3,361 Ac.								4,299 Sq. Ft.		No
055	Capital Worship Centre LLC	23	0653-01-0072	4,064 Sq. Ft.								336 Sq. Ft.		No

* Area shown includes multiple easements which overlap. Overlapping areas will be accounted for during the acquisition process and will not be double counted.
 ** Denotes Parcel Included In Phase I Right-Of-Way Acquisition
 *** Denotes 4,200 Sq.Ft. VDOT Utility Easement and 2,746 Sq.Ft. NOVEC Easement. There is 792 Sq.Ft. of overlap between the VDOT Utility Easement and the NOVEC Easement which has not been double counted.



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

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

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT
END CONSTRUCTION
BULL RUN SERVICE RD.
STA. 14+80.59

- | | |
|---|--|
| Curve NB28-1
PI • 103.48.48
DELTA • 28° 25' 58.26" (RT)
D • 4' 58" 56"
T • 291.35'
L • 570.68'
R • 1150.00'
PC • 100.57.13
PT • 106.27.82 | Curve SRV-2
PI • 12.97.36
DELTA • 9° 01' 37.00" (RT)
D • 18' 11" 21"
T • 24.87'
L • 49.63'
R • 315.00'
PC • 12.72.50
PT • 13.22.13 |
| Curve SB28-1
PI • 103.99.39
DELTA • 29° 24' 45.62" (RT)
D • 4' 51' 37"
T • 309.40'
L • 605.15'
R • 1178.83'
PC • 100.89.99
PT • 106.95.14 | Curve SRV-3
PI • 14.58.98
DELTA • 34° 10' 48.58" (LT)
D • 63' 39" 43"
T • 27.67'
L • 53.69'
R • 90.00'
PC • 14.31.31
PT • 14.85.00 |
| Curve SRV-1
PI • 11.69.36
DELTA • 17° 14' 19.69" (RT)
D • 18' 11" 21"
T • 47.75'
L • 94.78'
R • 315.00'
PC • 11.21.61
PT • 12.16.39 | |

PARCEL A
 NORTHERN VIRGINIA PARK AUTHORITY
 D.B. 2531, PG. 685
 TAX MAP 74-1 ((1)) 16

OLD RTE 28
 NORTHERN VIRGINIA PARK AUTHORITY
 D.B. 5702, PG. 262
 TAX MAP 74-1 ((1)) 24

NORTHERN VIRGINIA PARK AUTHORITY
 D.B. 2458, PG. 339
 D.B. 2531, PG. 685
 TAX MAP 74-1 ((1)) 8

NORTHERN VIRGINIA PARK AUTHORITY
 D.B. 5702, PG. 262
 TAX MAP 74-1 ((1)) 25

KENNETH V. DAVIS JR.
 D.B. 25326, PG. 343
 TAX MAP 74-1 ((1)) 10

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-Cut 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, A-charge, 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. I 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-8A 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

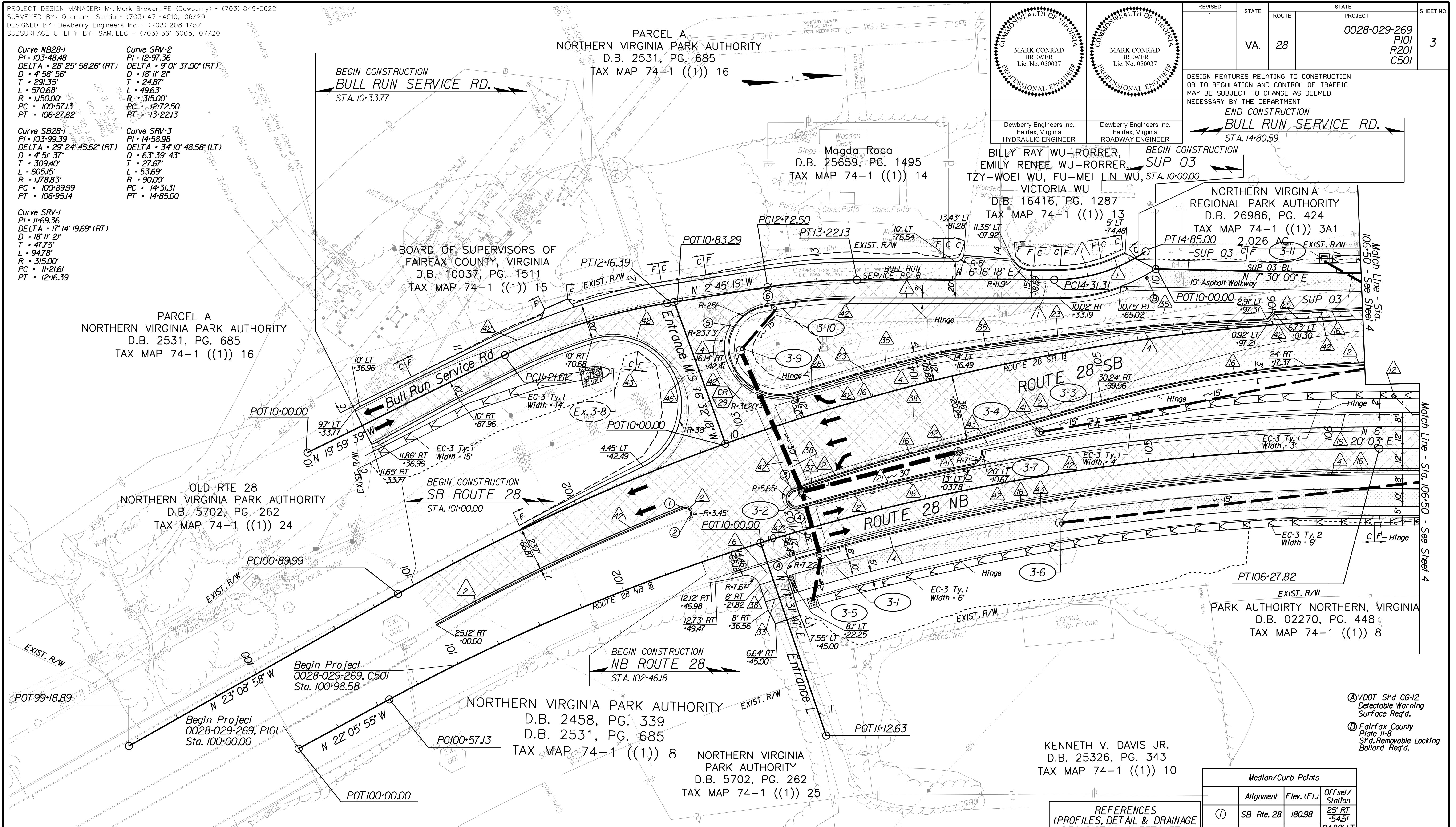
- Curb Ramp See Sheet 2A(8)-(10)
- Curb Return See Sheet 2A(7)
- Denotes Construction Limits in Cuts
- Denotes Construction Limits in Fills

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

- Construction Alignment
- Horizontal Curve Data
- Typical Sections
- E&S Phase 1B(1)/2
- E&S Phase 3
- Route 28 Profile
- Bull Run Service Road Profile
- Entrance M, L Profiles
- SUP 03 Profile
- Drainage Descriptions

Median/Curb Points		
Alignment	Elev. (FT)	Offset/Station
① SB Rte. 28	180.98	25' RT -54.51
② NB Rte. 28	180.51	24.82' LT -46.18
③ SB Rte. 28	181.80	37' RT +16.87
④ NB Rte. 28	181.62	13' LT -05.99
⑤ Entrance M	174.53	26.37' RT -59.34
⑥ Bull Run Service Rd.	174.56	10' RT -69.58

SCALE	PROJECT	SHEET NO.
0 25 50'	0028-029-269	3



- Ⓐ VDOT S'd CG-12 Detectable Warning Surface Req'd.
- Ⓑ Fairfax County Plate II-8 S'd, Removable Locking Bollard Req'd.

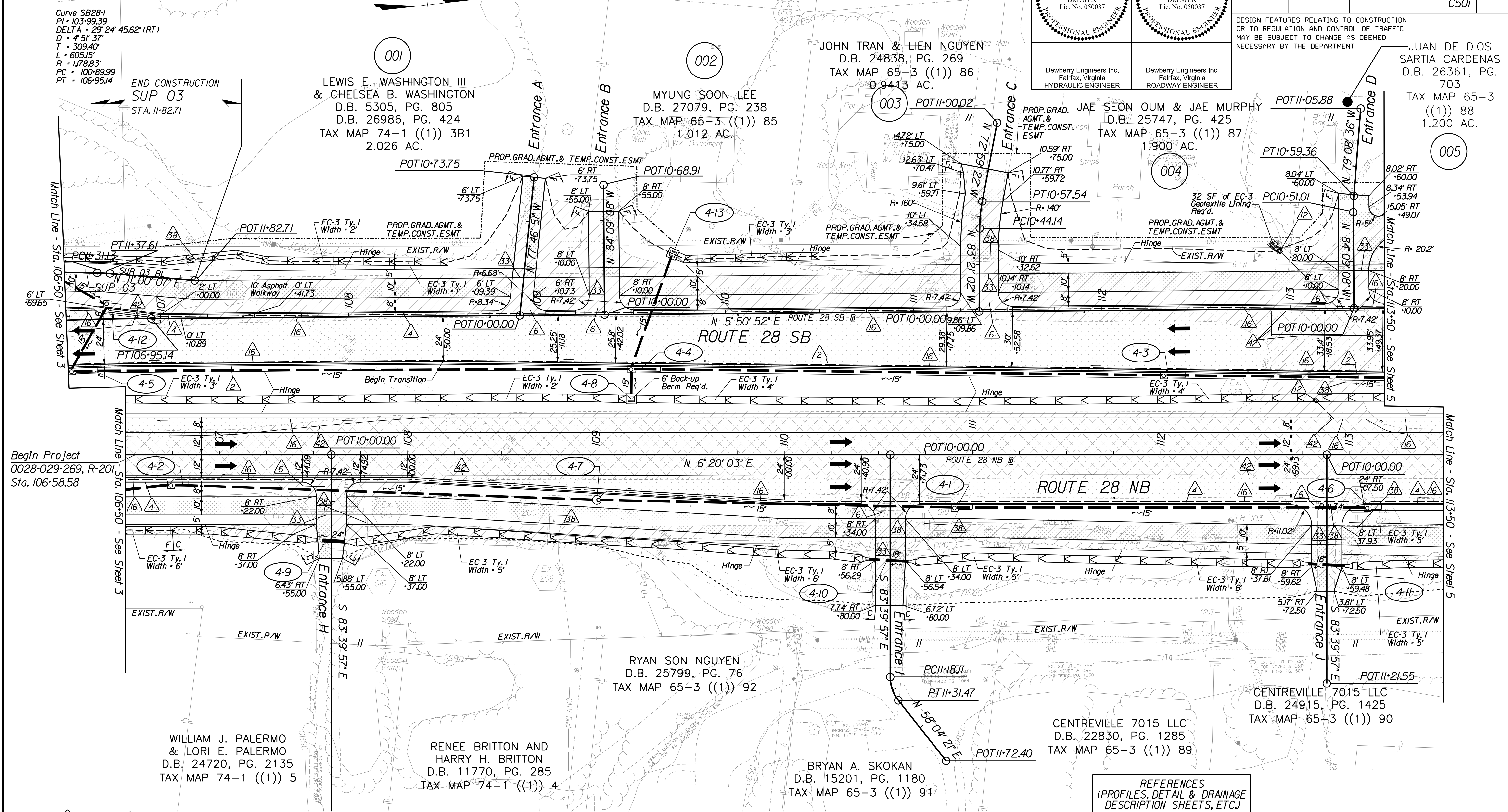


PROJECT DESIGN MANAGER: Mr. Mark Brewer, PE (Dewberry) - (703) 849-0622
SURVEYED BY: Quantum Spatial - (703) 471-4510, 06/20
DESIGNED BY: Dewberry Engineers Inc. - (703) 208-1757
SUBSURFACE UTILITY BY: SAM, LLC - (703) 361-6005, 07/20

STATE	ROUTE	PROJECT	
VA.	28	0028-029-269 P101 R201 C501	4

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

JUAN DE DIOS SARTIA CARDENAS
D.B. 26361, PG. 703
TAX MAP 65-3 ((1)) 88
1.200 AC.



- 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, A-charge, 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. I 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
 - 34 Handrail, S'd, HR-1 Type III Req'd.
 - 35 Remove Exst. Guardrail
 - 36 Remove Exst. Fence
 - 37 Remove Exst. Structure
 - 38 Remove Or Abandon and Fill Exst. Pipe
 - 39 Remove Exst. Pole
 - 40 Adjust Exst. Structure
 - 41 Clean Out Exst. Structure
 - 42 Full Depth Sawcut
 - 43 Clean Out Exst. Pipe
 - 44 10' Gutter Run Out
 - 45 Median Barrier, S'd, MB-8A 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)
Horizontal Curve Data	IG(6)
Typical Sections	2A(1), 2A(6)
E&S Phase 1B(1)/2	2F(1)-2F(2)
E&S Phase 3	2G(1)-2G(2)
Route 28 Profiles	4A
Entrance A, B, C, D, H, I Profiles	32(1)
Entrance J Profile	32(2)
SUP-3 Profile	32(4)
Drainage Descriptions	33

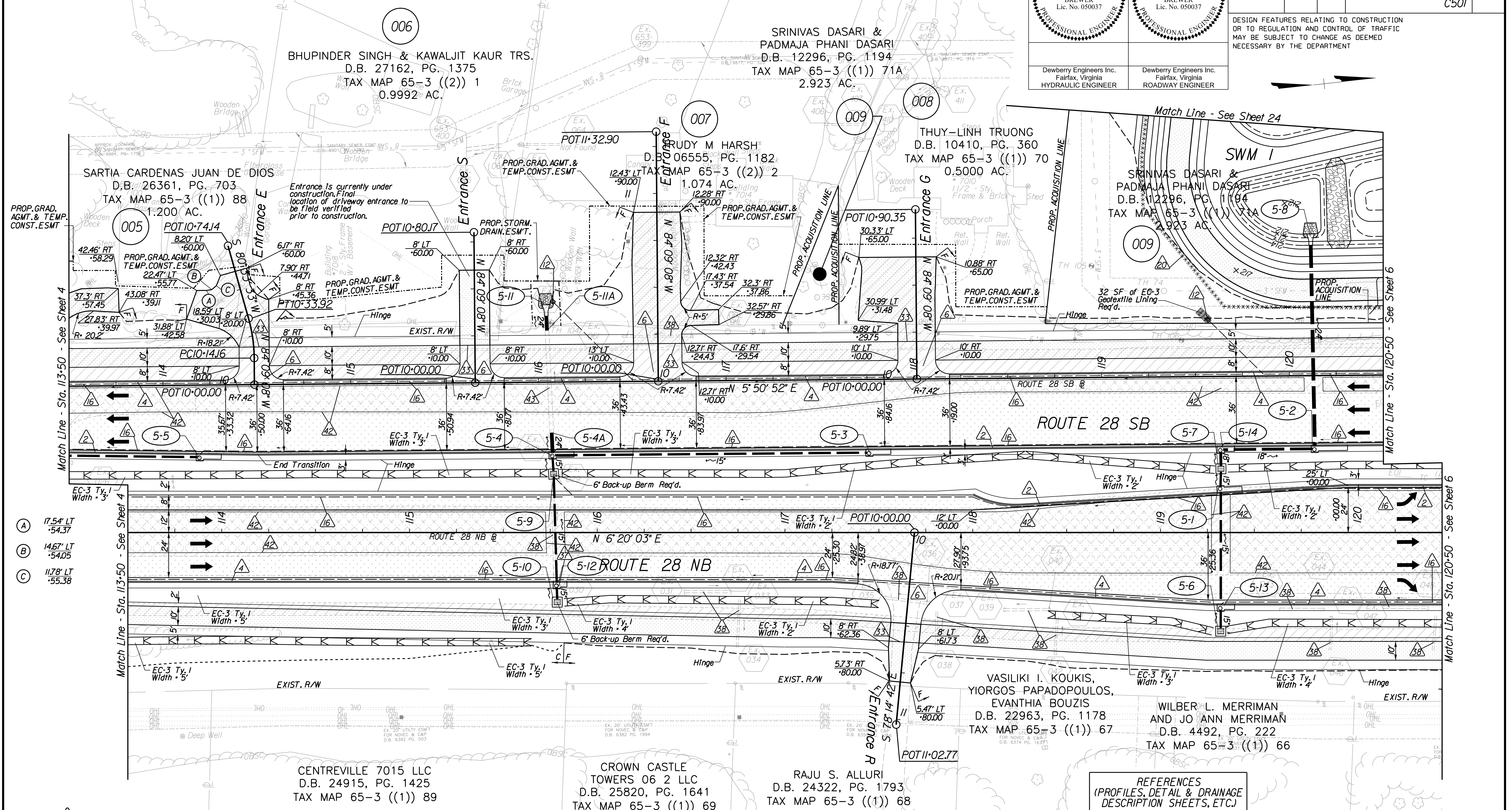


PROJECT DESIGN MANAGER: Mr. Mark Brewer, PE (Dewberry) - (703) 849-0622
SURVEYED BY: Quantum Spatial - (703) 471-4510, 06/20
DESIGNED BY: Dewberry Engineers Inc. - (703) 208-1757
SUBSURFACE UTILITY BY: SAM, LLC - (703) 361-6005, 07/20

 MARK CONRAD BREWER Lic. No. 050037 PROFESSIONAL ENGINEER	 MARK CONRAD BREWER Lic. No. 050037 PROFESSIONAL ENGINEER

STATE	ROUTE	PROJECT	
VA.	28	0028-029-269 P101 R201 C501	5

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



- 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. I 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-8A 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)
Horizontal Curve Data	IG(6)
Typical Sections	2A(1), 2A(6)
E&S Phase 1B(1)/2	2F(2)
E&S Phase 3	2G(2)
Route 28 Profile	5A
Entrance E, F, G Profiles	32(1)
Entrance R, S Profiles	32(2)
Drainage Descriptions	33

SCALE: 1" = 25'

0028-029-269	5
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PROJECT DESIGN MANAGER: Mr. Mark Brewer, PE (Dewberry) - (703) 849-0622
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Note: For all CG-12 Type R12
Radii of corners to be 1' unless
specified otherwise

Compton/Ordway Medians					
Alignment	Elev. (Ft.)	Off set/ Station	Alignment	Elev. (Ft.)	Off set/ Station
⑬ SB Rte. 28	228.52	4.96' LT -26.22	⑰ NB Rte. 28	222.27	28.01' RT -36.02
⑭ SB Rte. 28	228.72	2' LT -28.04	⑱ NB Rte. 28	222.17	31.77' LT -35.21
⑮ SB Rte. 28	230.54	1' LT -91.84	⑲ NB Rte. 28	223.37	26' RT -88.72
⑯ SB Rte. 28	230.54	7.72' LT -87.55	⑳ Compton Rd. E.	223.11	20.44' RT -40.07

MARK CONRAD BREWER
Lic. No. 050037
PROFESSIONAL ENGINEER

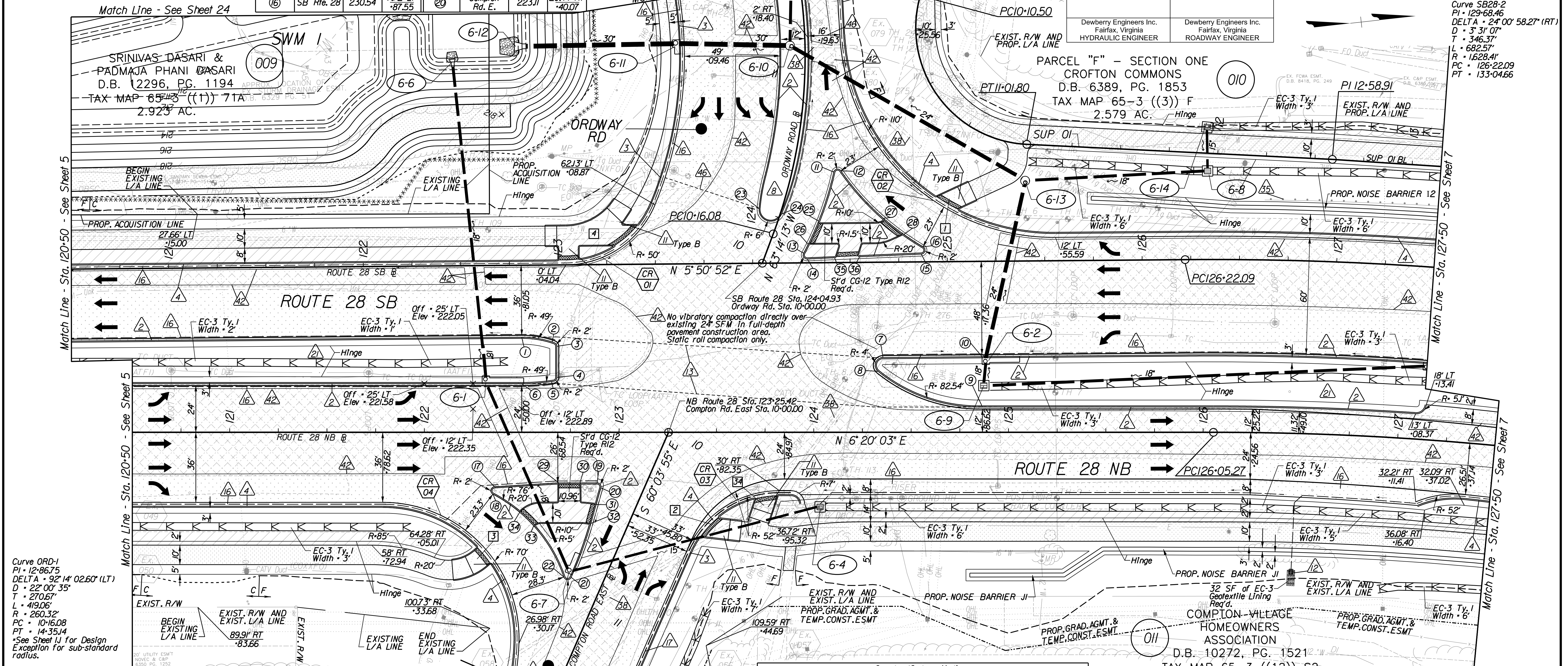
MARK CONRAD BREWER
Lic. No. 050037
PROFESSIONAL ENGINEER

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

STATE	ROUTE	PROJECT	DATE
VA.	28	0028-029-269 P101 R201 C501	6

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

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 ORD-1
PI • 12-86.75
DELTA • 92° 14' 02.60" (LT)
D • 22' 00' 35"
T • 270.67'
L • 419.06'
R • 260.32'
PC • 10-16.08
PT • 14-35.14
*See Sheet 11 for Design Exception for sub-standard radius.

Compton/Ordway Medians		
Alignment	Elev. (Ft.)	Off set/ Station
① SB Rte. 28	223.64	37' RT -81.05
② SB Rte. 28	224.00	39.92' RT -97.71
③ SB Rte. 28	223.98	41.82' RT -99.03
④ NB Rte. 28	223.61	28.21' LT -68.04

Compton/Ordway Medians					
Alignment	Elev. (Ft.)	Off set/ Station	Alignment	Elev. (Ft.)	Off set/ Station
⑤ NB Rte. 28	222.95	26.23' LT -66.33	⑨ NB Rte. 28	229.38	13' LT -86.62
⑥ NB Rte. 28	222.59	25' LT -50.00	⑩ SB Rte. 28	230.59	49' RT -17.36
⑦ SB Rte. 28	228.63	49.00' RT -66.50	⑪ Ordway Rd.	227.96	20.99' RT -53.78
⑧ NB Rte. 28	228.26	31.30' LT -33.07	⑫ Ordway Rd.	228.08	24.36' LT -55.11

Compton/Ordway Medians					
Alignment	Elev. (Ft.)	Off set/ Station	Alignment	Elev. (Ft.)	Off set/ Station
⑳ Ordway Rd.	228.27	19.92' RT -29.35	⑳ NB Rte. 28	223.21	26' RT -79.92
㉑ Ordway Rd.	228.39	18.72' RT -17.19	㉑ Compton Rd. E.	222.92	19.21' RT -48.86
㉒ SB Rte. 28	229.72	22.53' LT -67.30	㉒ Compton Rd. E.	222.49	17.81' RT -58.88
㉓ SB Rte. 28	229.96	14.16' LT -77.74	㉓ NB Rte. 28	220.40	47.53' RT -55.68
㉔ NB Rte. 28	223.00	26' RT -69.04	㉔ NB Rte. 28	220.70	39.59' RT -47.16

COMPTON VILLAGE HOMEOWNERS ASSOCIATION
D.B. 10272, PG. 1521
TAX MAP 65-3 ((12)) S2
4.041 AC.

- 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 w/11"
 - 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-Cut 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. I 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-8A Req'd.
 - 46 Pavement Demarcation Line

- 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. I 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-8A Req'd.
- 46 Pavement Demarcation Line

- 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-8A 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 (G11)
- Typical Sections 2A(1), 2A(3)
- E&S Phase 1B(1)/2 2F(2)
- E&S Phase 3 2G(2)
- Route 28 Profile 6A
- Ordway Rd. Profile 23A
- Compton Rd. East Profile 25A
- SUP-1 Profile 32(3)
- Drainage Descriptions 33
- Noise Barrier Plans/Profiles 40(1), 40(3)
- Noise Barrier Detail Sheet 40(B)

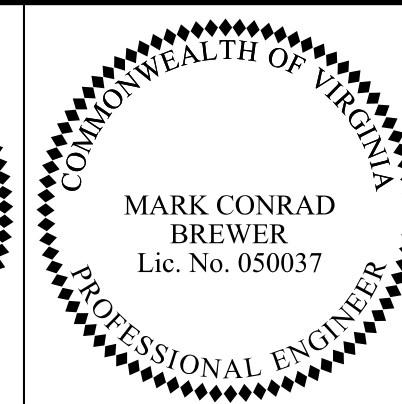
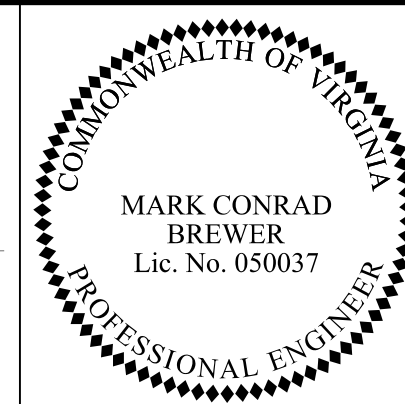
Curve NB28-2
PI • 129-27.92
DELTA • 23° 31' 04.64" (RT)
D • 3' 41' 47"
T • 322.65'
L • 636.22'
R • 1550.00'
PC • 126-05.27
PT • 132-41.49

SCALE 0 25 50'

STATE	ROUTE	PROJECT	DATE
VA.	28	0028-029-269 P101 R201 C501	6



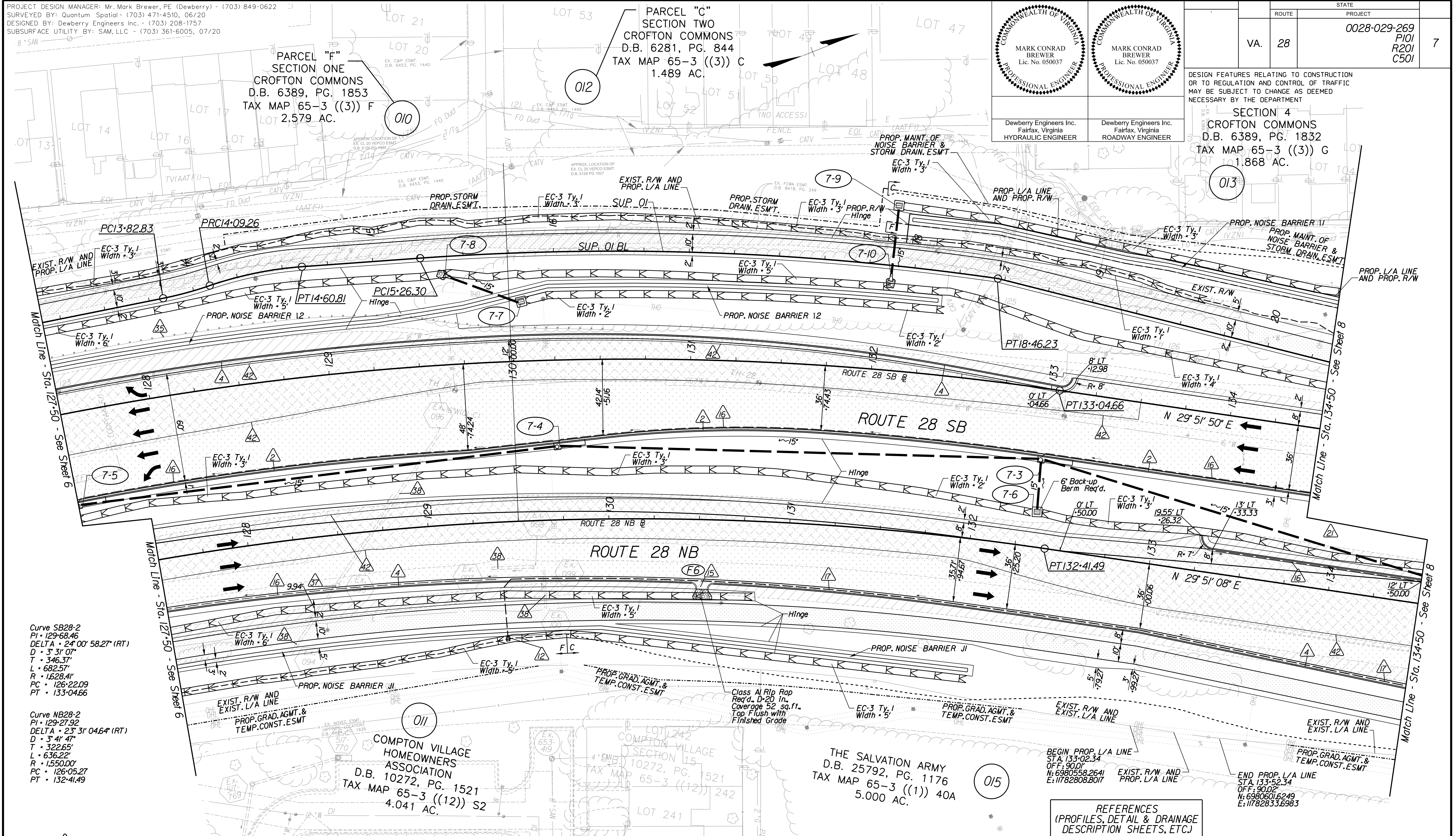
PROJECT DESIGN MANAGER: Mr. Mark Brewer, PE (Dewberry) - (703) 849-0622
SURVEYED BY: Quantum Spatial - (703) 471-4510, 06/20
DESIGNED BY: Dewberry Engineers Inc. - (703) 208-1757
SUBSURFACE UTILITY BY: SAM, LLC - (703) 361-6005, 07/20



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

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

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 = 1.628.41'
PC = 126.22.09
PT = 133.04.66

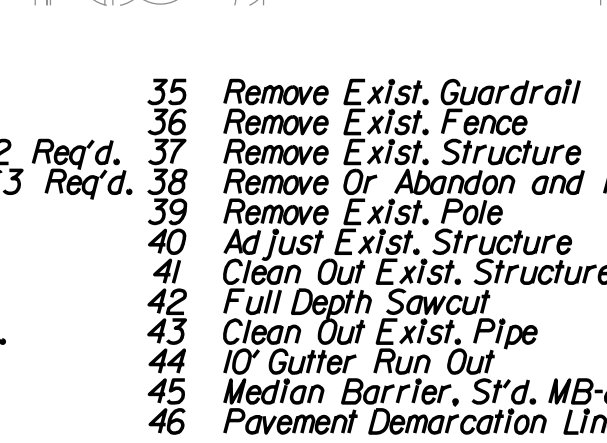
Curve NB28-2
PI = 129.27.92
DELTA = 23° 31' 04.64" (RT)
D = 3' 41' 47"
T = 322.65'
L = 636.22'
R = 1.550.00'
PC = 126.05.27
PT = 132.41.49

- 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. I 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
 - 34 Handrail, S'd, HR-1 Type III Req'd.
 - 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-8A 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

- X Curb Ramp See Sheet 2A(8)-10)
- CR 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 1G(1)-1G(2)
 - Horizontal Curve Data 1G(6)
 - Typical Sections 2A(1)
 - E&S Phase 1G(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
 - Noise Barrier Plans/Profiles 40(1)-40(3)
 - Noise Barrier Detail Sheet 40(B)



SCALE	PROJECT	
0 25 50'	0028-029-269	7



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

ROUTE	STATE	PROJECT	
VA. 28		0028-029-269 P101 R201 C501	8

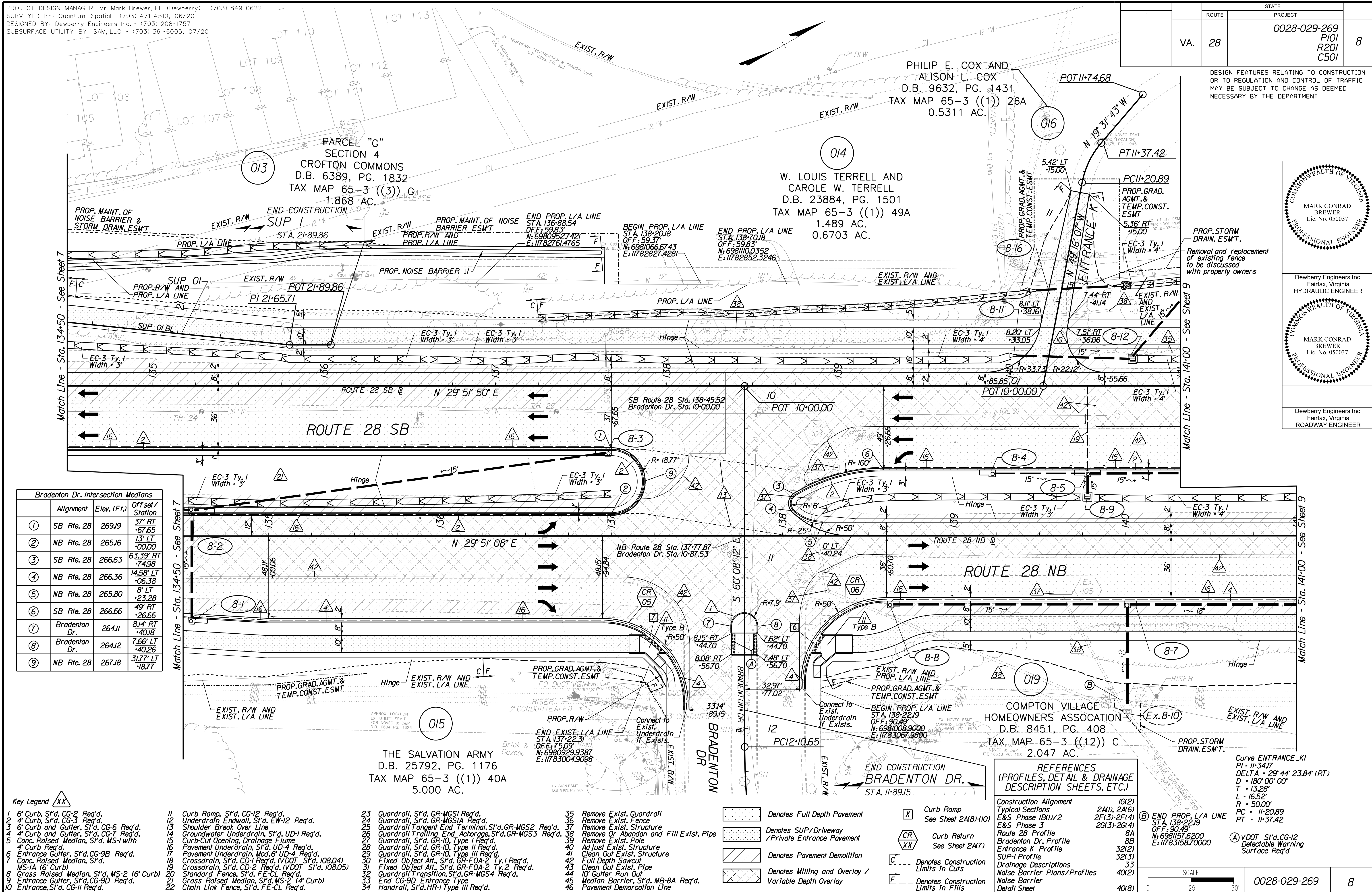
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

COMMONWEALTH OF VIRGINIA
MARK CONRAD BREWER
Lic. No. 050037
PROFESSIONAL ENGINEER

Dewberry Engineers Inc.
Fairfax, Virginia
HYDRAULIC ENGINEER

COMMONWEALTH OF VIRGINIA
MARK CONRAD BREWER
Lic. No. 050037
PROFESSIONAL ENGINEER

Dewberry Engineers Inc.
Fairfax, Virginia
ROADWAY ENGINEER



Alignment	Elev. (F1)	Offset/Station
1 SB Rte. 28	269J9	37' RT -67.65
2 NB Rte. 28	265J6	13' LT +00.00
3 SB Rte. 28	266.63	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.	264J1	8J4' RT +40J8
8 Bradenton Dr.	264J2	7.66' LT +40.26
9 NB Rte. 28	267J8	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 Anchorage, S'd, GR-MGS3 Req'd.
 - 27 Guardrail, S'd, GR-10, Type II 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. I 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 Remove Exist. Guardrail
 - 35 Remove Exist. Fence
 - 36 Remove Exist. Structure
 - 37 Remove Or Abandon and Fill Exist. Pipe
 - 38 Remove Exist. Pole
 - 39 Adjust Exist. Structure
 - 40 Clean Out Exist. Structure
 - 41 Full Depth Sawcut
 - 42 Clean Out Exist. Pipe
 - 43 10' Gutter Run Out
 - 44 Median Barrier, S'd, MB-8A Req'd.
 - 45 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(2)
Typical Sections	2A(1), 2A(6)
E&S Phase 1B(1)/2	2F(3)-2F(4)
E&S Phase 3	2G(3)-2G(4)
Route 28 Profile	8A
Bradenton Dr. Profile	8B
Entrance K Profile	32(2)
SUP-1 Profile	32(3)
Drainage Descriptions	33
Noise Barrier Plans/Profiles	40(2)
Noise Barrier Detail Sheet	40(B)

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

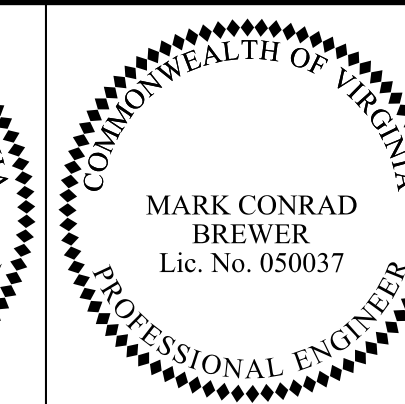
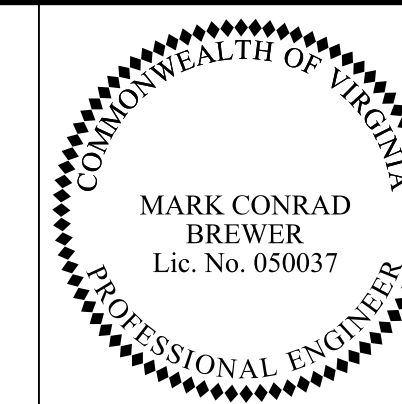
VDOT S'd, CG-12
Detectable Warning
Surface Req'd

SCALE
0 25 50'

0028-029-269	8
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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



STATE		PROJECT	SHEET NO.
ROUTE	VA.		
28	VA.	0028-029-269 P101 R201 C501	9

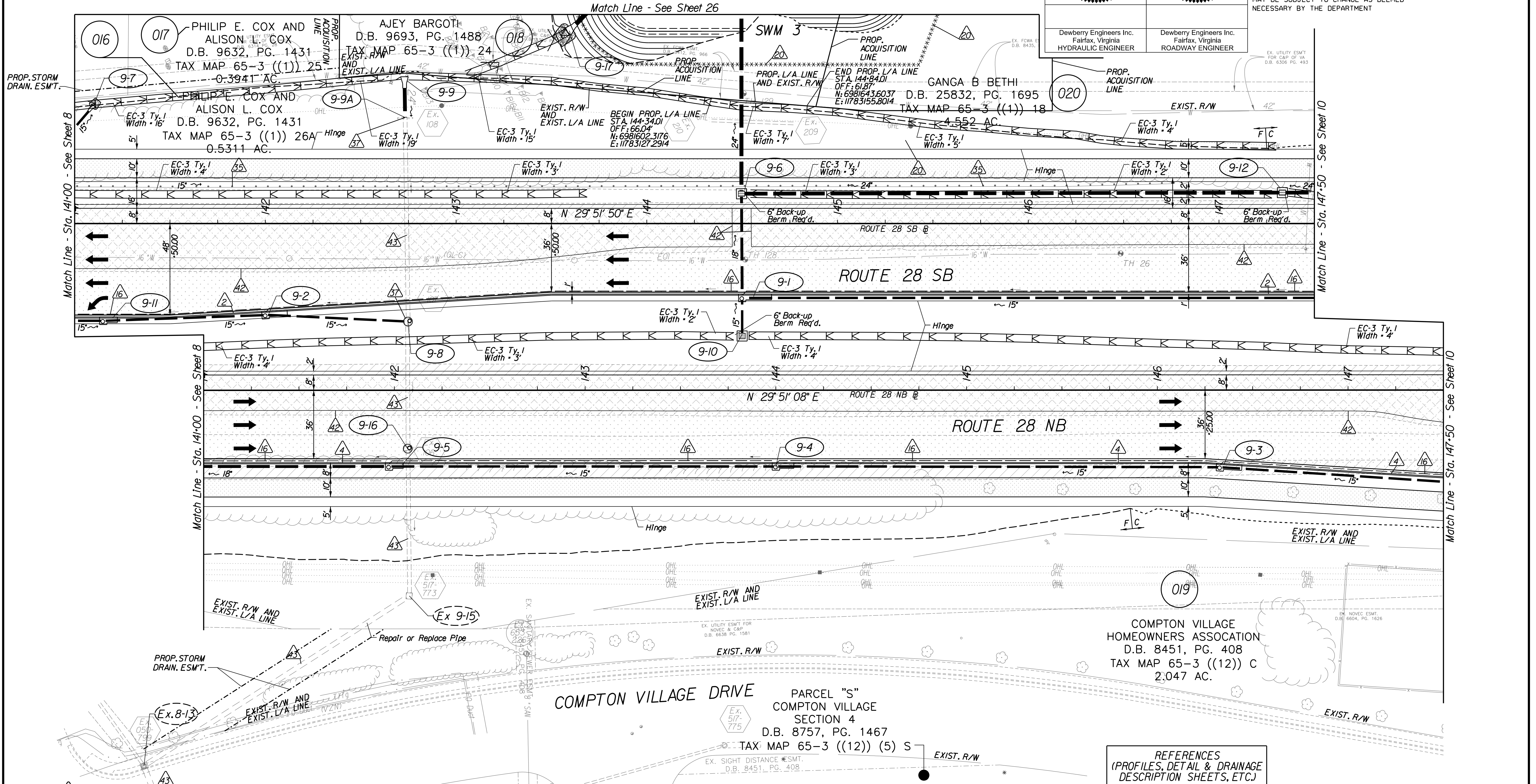
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

Dewberry Engineers Inc.
Fairfax, Virginia
HYDRAULIC ENGINEER

Dewberry Engineers Inc.
Fairfax, Virginia
ROADWAY ENGINEER

EX. UTILITY ESMT FOR CAP OF VA
D.B. 6306 PG. 493

EX. NOVEC ESMT
D.B. 6604, PG. 1626



- 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-Cut 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, 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 Guardrail, S'd, GR-10, Type III Req'd.
 - 30 Fixed Object Att., S'd, GR-FOA-2 Ty. I 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
 - 34 Handrail, S'd, HR-1 Type III Req'd.
 - 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-8A Req'd.
 - 46 Pavement Demarcation Line

- 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, 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 Guardrail, S'd, GR-10, Type III Req'd.
- 30 Fixed Object Att., S'd, GR-FOA-2 Ty. I 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
- 34 Handrail, S'd, HR-1 Type III Req'd.
- 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-8A Req'd.
- 46 Pavement Demarcation Line

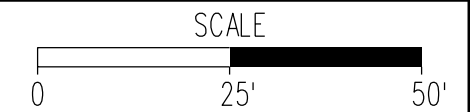
- 35 Remove Exist. Guardrail
- 36 Remove Exist. Fence
- 37 Remove Exist. Structure
- 38 Remove Or Abandon and Fill Exist. Pipe
- 39 Remove Exist. Pole
- 40 Adjust Exist. Structure
- 41 Clean Out Exist. Structure
- 42 Full Depth Sawcut
- 43 Clean Out Exist. Pipe
- 44 10' Gutter Run Out
- 45 Median Barrier, S'd, MB-8A 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
- Denotes Construction Limits in Cuts
- Denotes Construction Limits in Fills

- Curb Ramp See Sheet 2A(8)-1(10)
- Curb Return See Sheet 2A(7)

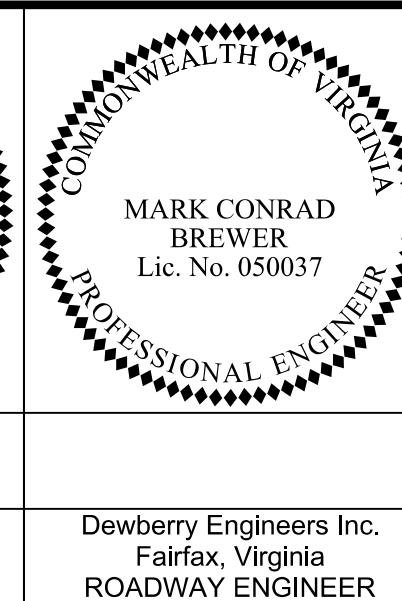
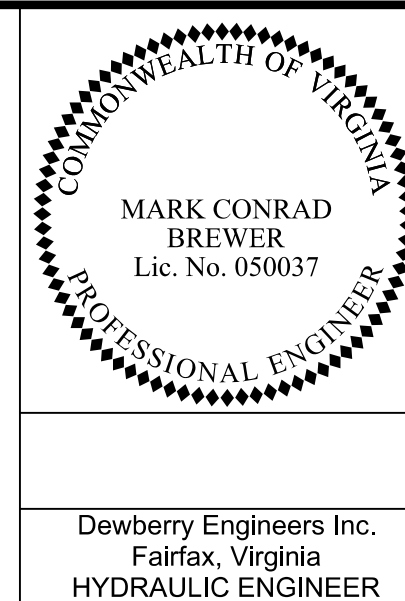
REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

Construction Alignment	Typical Sections	E&S Phase 1B(1)/2	E&S Phase 3	Route 28 SB Profile	Route 28 NB Profile	Drainage Descriptions
IG(2)	2A(1), 2A(6)	2F(4)	2G(4)	9A	9B	33





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

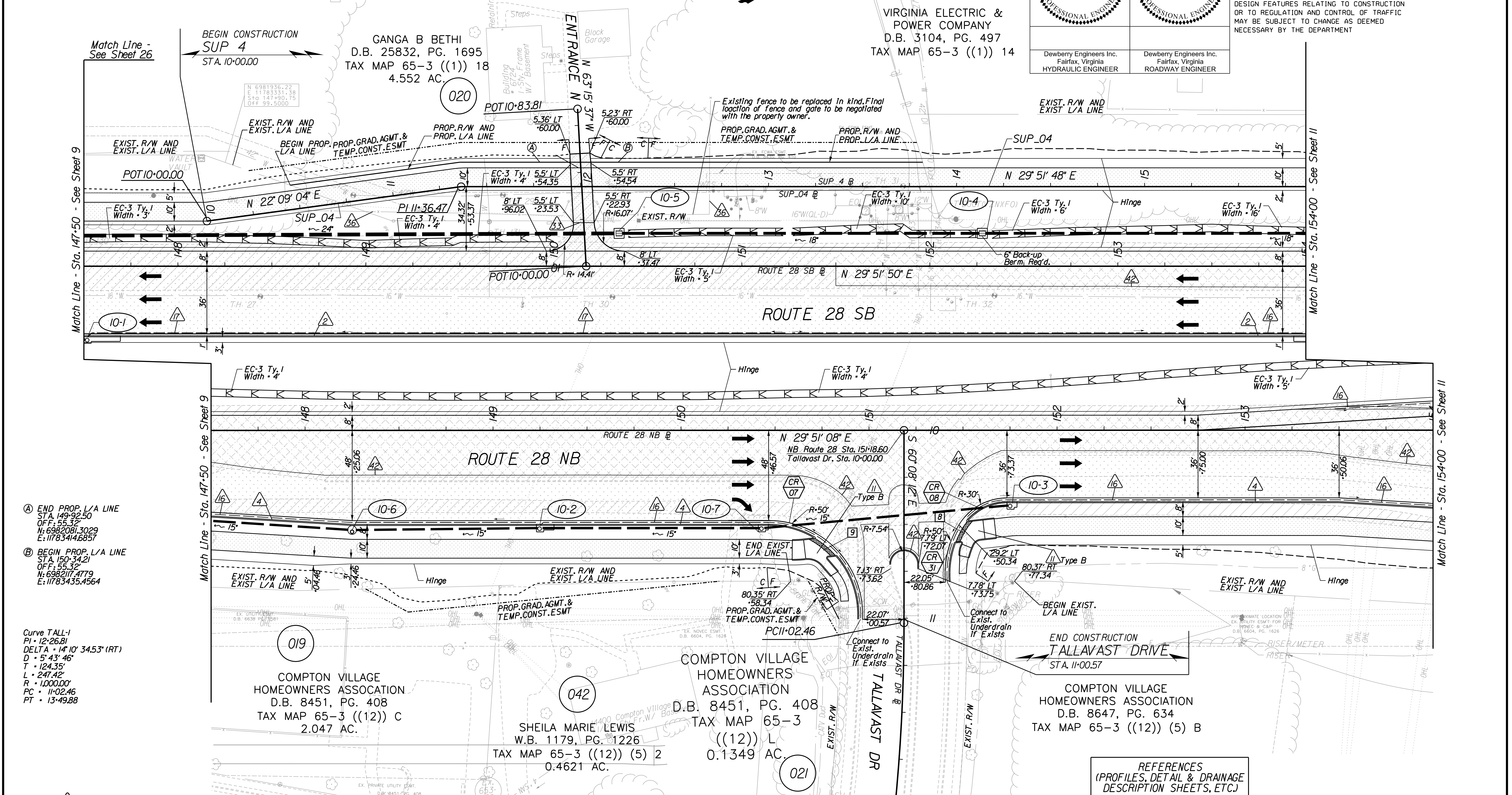


VA.	28	STATE PROJECT	10
		0028-029-269 P101 R201 C501	

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

Dewberry Engineers Inc.
Fairfax, Virginia
HYDRAULIC ENGINEER

Dewberry Engineers Inc.
Fairfax, Virginia
ROADWAY ENGINEER



- Ⓐ END PROP. L/A LINE
STA. 149+92.50
OFF: 55.32'
N: 6982081.3029
E: 11783414.6857
- Ⓑ BEGIN PROP. L/A LINE
STA. 150+34.21
OFF: 55.32'
N: 6982117.4779
E: 11783435.4564

Curve TALL-1
PI • 12+26.81
DELTA • 14° 10' 34.53" (RT)
D • 5+43.46'
T • 124.35'
L • 247.42'
R • 1,000.00'
PC • 11+02.46
PT • 13+49.88

Key Legend

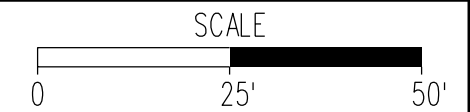
- 1 6" Curb, S'd, CG-2 Req'd.
- 2 4" Curb, S'd, CG-3 Req'd.
- 3 6" Curb and Gutter, S'd, CG-6 Req'd.
- 4 4" Curb and Gutter, S'd, CG-7 Req'd.
- 5 Conc. Raised Median, S'd, MS-1 with 4" Curb Req'd.
- 6 Entrance Gutter, S'd, CG-9B Req'd.
- 7 Conc. Raised Median, S'd, MS-1A (6" Curb)
- 8 Grass Raised Median, 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-Cut 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-8A 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)
- Ⓞ CR XX Curb Return See Sheet 2A(7)
- Ⓞ Denotes Construction Limits in Cuts
- Ⓞ Denotes Construction Limits in Fills

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

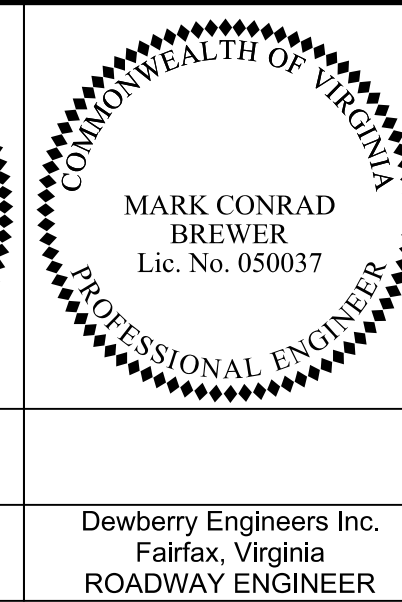
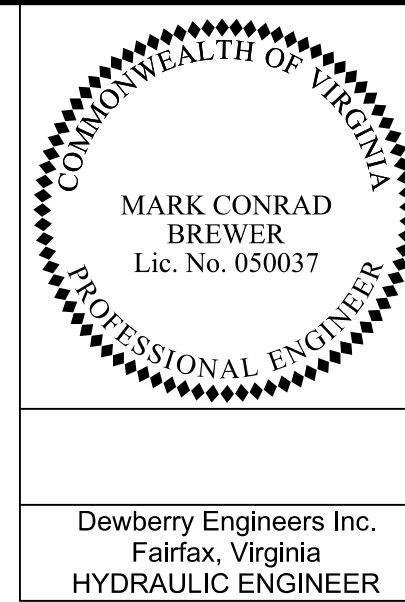
Construction Alignment	IG(2)
Typical Sections	2A(1), 2A(6)
E&S Phase 1B(1)/2	2F(4)
E&S Phase 3	2G(4)
Tallavast Dr. Profile	8B
Route 28 Profile	10A
Entrance N Profile	32(2)
SUP-4 Profile	32(5)
Drainage Descriptions	33





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

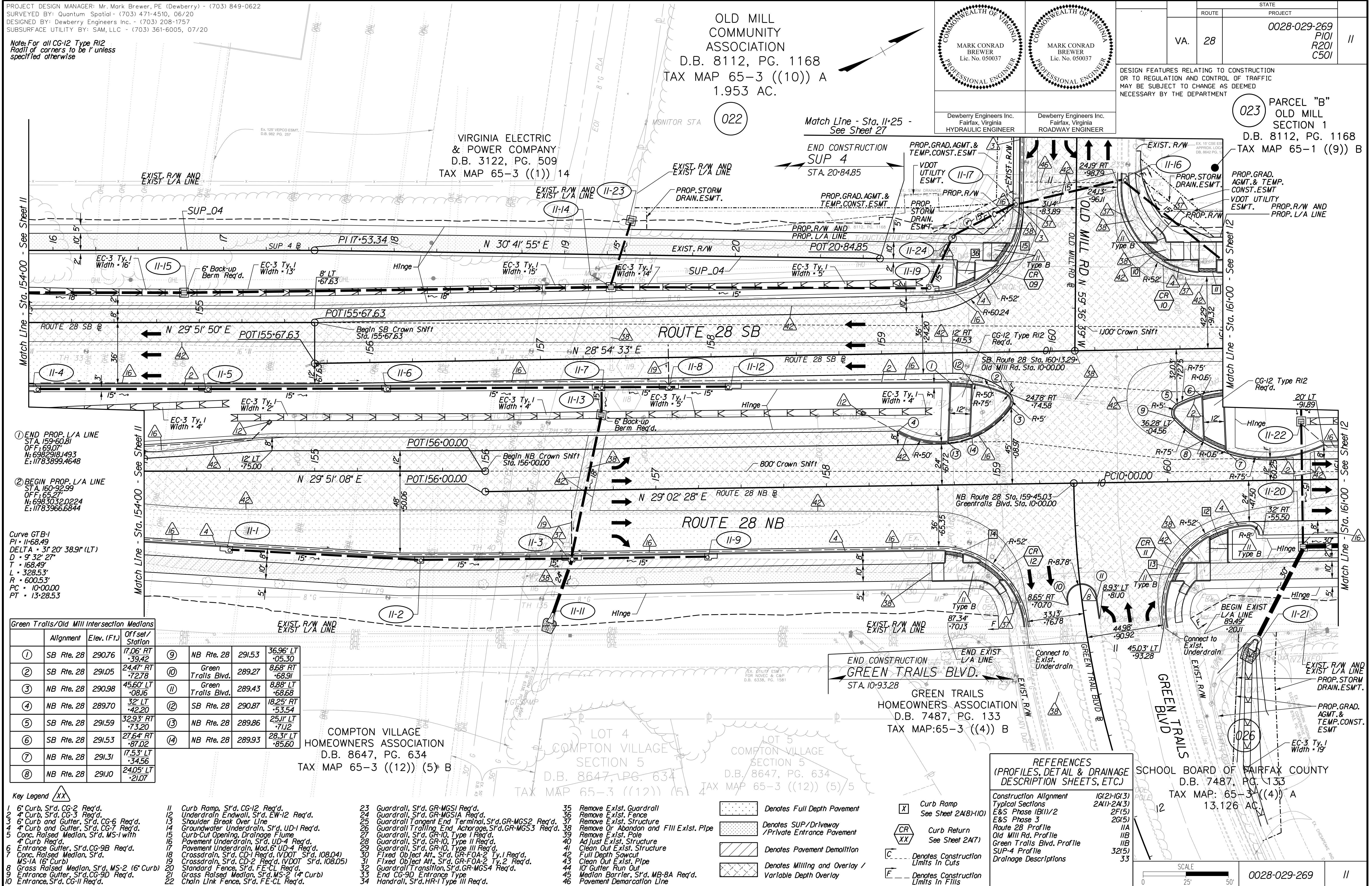
Note: For all CG-12 Type R12
Radii of corners to be 1' unless
specified otherwise



STATE	ROUTE	PROJECT	PI
VA.	28	0028-029-269 P101 R201 C501	11

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

023 PARCEL "B"
OLD MILL
SECTION 1
D.B. 8112, PG. 1168
TAX MAP 65-1 ((9)) B



- ① END PROP. L/A LINE
STA. 159+60.81
OFF: 69.07'
N: 6982918.1493
E: 11783899.4648
- ② BEGIN PROP. L/A LINE
STA. 160+92.99
OFF: 65.27'
N: 6983032.0224
E: 11783966.6844

Curve GTB-1
PI - 11+68.49
DELTA - 31° 20' 38.9" (LT)
D - 9' 32' 27"
T - 168.49'
L - 328.53'
R - 600.53'
PC - 10+00.00
PT - 13+28.53

Alignment	Elev. (Ft.)	Offset/Station	Station	Offset/Station
① SB Rte. 28	290.76	17.06' RT -39.42	291.53	36.96' LT -05.30
② SB Rte. 28	291.05	24.47' RT -72.78	289.27	8.68' RT -68.91
③ NB Rte. 28	290.98	45.60' LT -08.16	289.43	8.88' LT -68.68
④ NB Rte. 28	289.70	32' LT -42.20	290.87	18.25' RT -55.54
⑤ SB Rte. 28	291.59	32.93' RT -73.20	289.86	25.11' LT -71.12
⑥ SB Rte. 28	291.53	27.64' RT -87.02	289.93	28.31' LT -85.60
⑦ NB Rte. 28	291.31	17.53' LT -34.56		
⑧ NB Rte. 28	291.10	24.05' LT -21.07		

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 w/11/4" 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-Cut 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, A-charge, 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.
- 31 Guardrail Transition, S'd, GR-MGS4 Req'd.
- 32 End CG-9D Entrance Type Handrail, S'd, HR-1 Type III Req'd.
- 33 Remove Exist. Guardrail
- 34 Remove Exist. Fence
- 35 Remove Exist. Structure
- 36 Remove Or Abandon and Fill Exist. Pipe
- 37 Remove Exist. Pole
- 38 Adjust Exist. Structure
- 39 Clean Out Exist. Structure
- 40 Full Depth Sawcut
- 41 Clean Out Exist. Pipe
- 42 10' Gutter Run Out
- 43 Median Barrier, S'd, MB-8A Req'd.
- 44 Pavement Demarcation Line

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

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

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

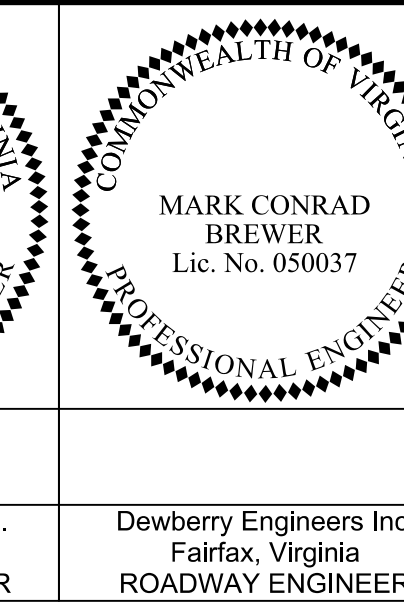
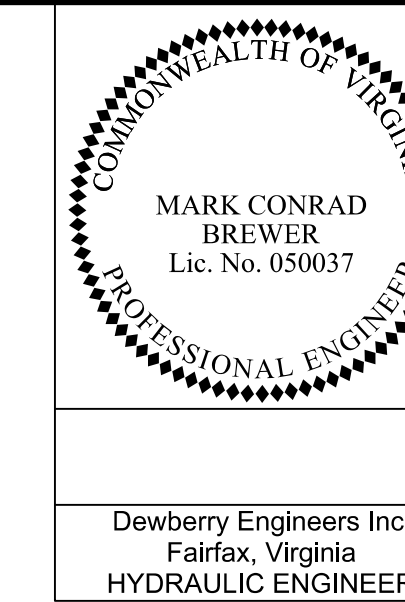
Construction Alignment	Profile
Typical Sections	1G(2)-1G(3)
E&S Phase 1B(1)/2	2A(1)-2A(3)
E&S Phase 3	2F(5)
Route 28 Profile	2G(5)
Old Mill Rd. Profile	11A
Green Trails Blvd. Profile	11B
SUP-4 Profile	11C
Drainage Descriptions	32(5)
	33

SCHOOL BOARD OF FAIRFAX COUNTY
D.B. 7487, PG. 133
TAX MAP: 65-3 ((4)) A
13.126 AC.

SCALE	PROJECT	PI
0 25 50'	0028-029-269	11



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



REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	28		0028-029-269 P101 R201 C501	12

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

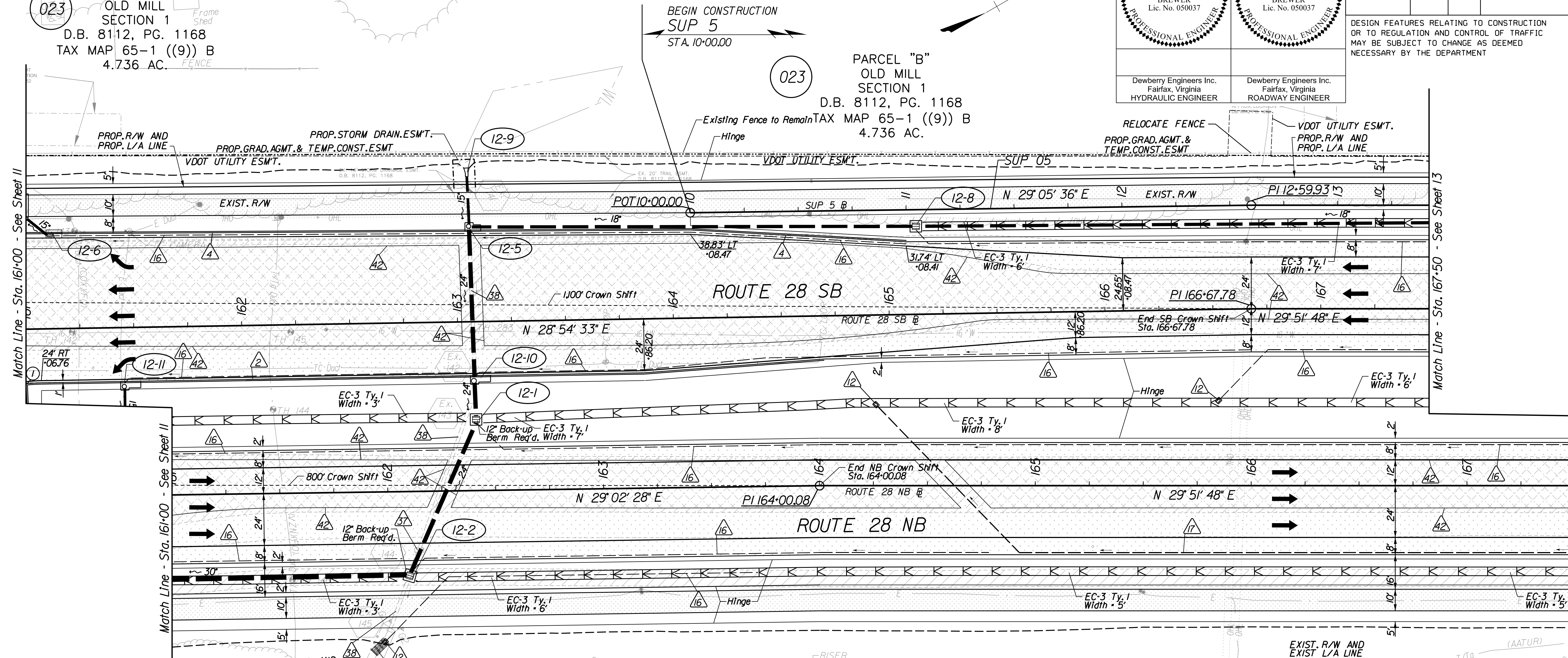
Dewberry Engineers Inc.
Fairfax, Virginia
HYDRAULIC ENGINEER

Dewberry Engineers Inc.
Fairfax, Virginia
ROADWAY ENGINEER

PARCEL "B"
OLD MILL SECTION 1
D.B. 8112, PG. 1168
TAX MAP 65-1 ((9)) B
4.736 AC.

PARCEL "B"
OLD MILL SECTION 1
D.B. 8112, PG. 1168
TAX MAP 65-1 ((9)) B
4.736 AC.

SCHOOL BOARD OF FAIRFAX COUNTY
D.B. 7487, PG. 133
TAX MAP: 65-3 ((4)) A
13.126 AC.



Green Trails/Old Mill Intersection Medians

Alignment	Elev. (Ft.)	Offset/Station
① SB Rte. 28	291.69	25.28' RT +00.27

- 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-Cut 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, A-charge, 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. I 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-8A 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
- Denotes Construction Limits in Cuts
- Denotes Construction Limits in Fills

- Denotes Full Depth Pavement
- Denotes SUP/Driveway /Private Entrance Pavement
- Denotes Pavement Demolition
- Denotes Milling and Overlay / Variable Depth Overlay
- Denotes Construction Limits in Cuts
- Denotes Construction Limits in Fills

- Denotes Full Depth Pavement
- Denotes SUP/Driveway /Private Entrance Pavement
- Denotes Pavement Demolition
- Denotes Milling and Overlay / Variable Depth Overlay
- Denotes Construction Limits in Cuts
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- Denotes Full Depth Pavement
- Denotes SUP/Driveway /Private Entrance Pavement
- Denotes Pavement Demolition
- Denotes Milling and Overlay / Variable Depth Overlay
- Denotes Construction Limits in Cuts
- Denotes Construction Limits in Fills

- Denotes Full Depth Pavement
- Denotes SUP/Driveway /Private Entrance Pavement
- Denotes Pavement Demolition
- Denotes Milling and Overlay / Variable Depth Overlay
- Denotes Construction Limits in Cuts
- Denotes Construction Limits in Fills

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

Construction Alignment	IG(3)
Typical Sections	2A(2)
E&S Phase 1B(1)/2	2F(5)-2F(6)
E&S Phase 3	2G(5)-2G(6)
Route 28 Profile	12A
SUP-5 Profile	32(6)
Drainage Descriptions	33

SCALE 0 25' 50'

PROJECT	0028-029-269	SHEET NO.	12
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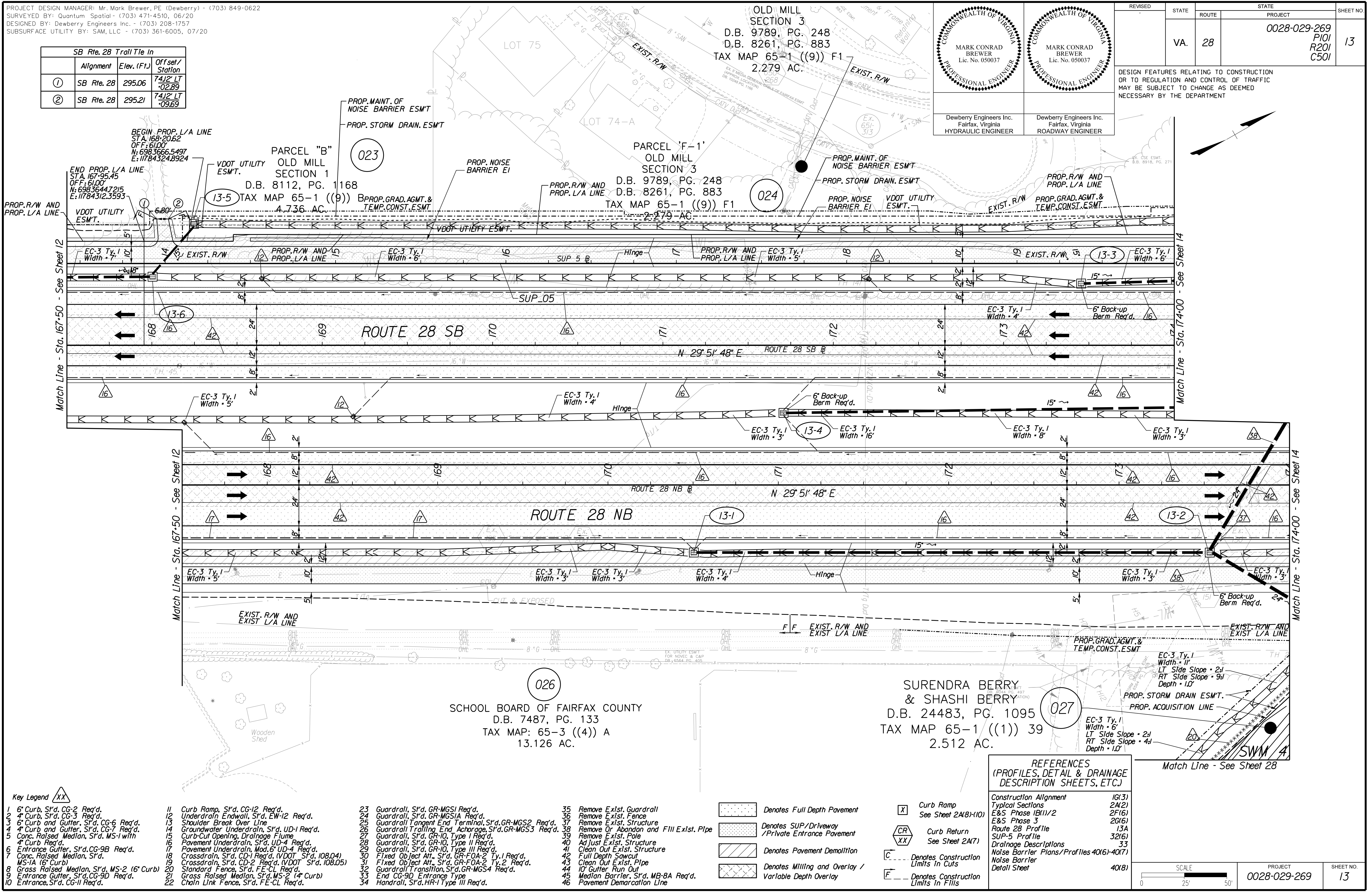


PROJECT DESIGN MANAGER: Mr. Mark Brewer, PE (Dewberry) - (703) 849-0622
SURVEYED BY: Quantum Spatial - (703) 471-4510, 06/20
DESIGNED BY: Dewberry Engineers Inc. - (703) 208-1757
SUBSURFACE UTILITY BY: SAM, LLC - (703) 361-6005, 07/20

SB Rte. 28 Trail Tie In		
Alignment	Elev. (Ft.)	Offset/Station
①	SB Rte. 28	295.06 7412' LT +02.89
②	SB Rte. 28	295.21 7412' LT +09.69

 MARK CONRAD BREWER Lic. No. 050037 PROFESSIONAL ENGINEER	 MARK CONRAD BREWER Lic. No. 050037 PROFESSIONAL ENGINEER	REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
		VA.	28	0028-029-269	PI01 R201 C501	13	

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



- 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-Cut 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. I 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
 - 34 Handrail, S'd, HR-1 Type III Req'd.
 - 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-8A 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-Cut 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. I 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
- 34 Handrail, S'd, HR-1 Type III Req'd.
- 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-8A Req'd.
- 46 Pavement Demarcation Line

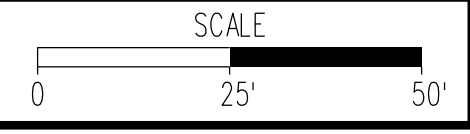
- 23 Guardrail, S'd, GR-MGS1 Req'd.
- 24 Guardrail, S'd, GR-MGS1A Req'd.
- 25 Guardrail Tangent End Terminal, S'd, GR-MGS2 Req'd.
- 26 Guardrail Trailing End Anchorage, S'd, GR-MGS3 Req'd.
- 27 Guardrail, S'd, GR-10, Type I Req'd.
- 28 Guardrail, S'd, GR-10, Type II Req'd.
- 29 Guardrail, S'd, GR-10, Type III Req'd.
- 30 Fixed Object Att., S'd, GR-FOA-2 Ty. I 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
- 34 Handrail, S'd, HR-1 Type III Req'd.
- 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-8A Req'd.
- 46 Pavement Demarcation Line

- 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-8A 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(3)
Typical Sections	2A(2)
E&S Phase 1B(1)/2	2F(6)
E&S Phase 3	2G(6)
Route 28 Profile	13A
SUP-5 Profile	32(6)
Drainage Descriptions	33
Noise Barrier Plans/Profiles 40(6)-40(7)	
Noise Barrier Detail Sheet	40(8)



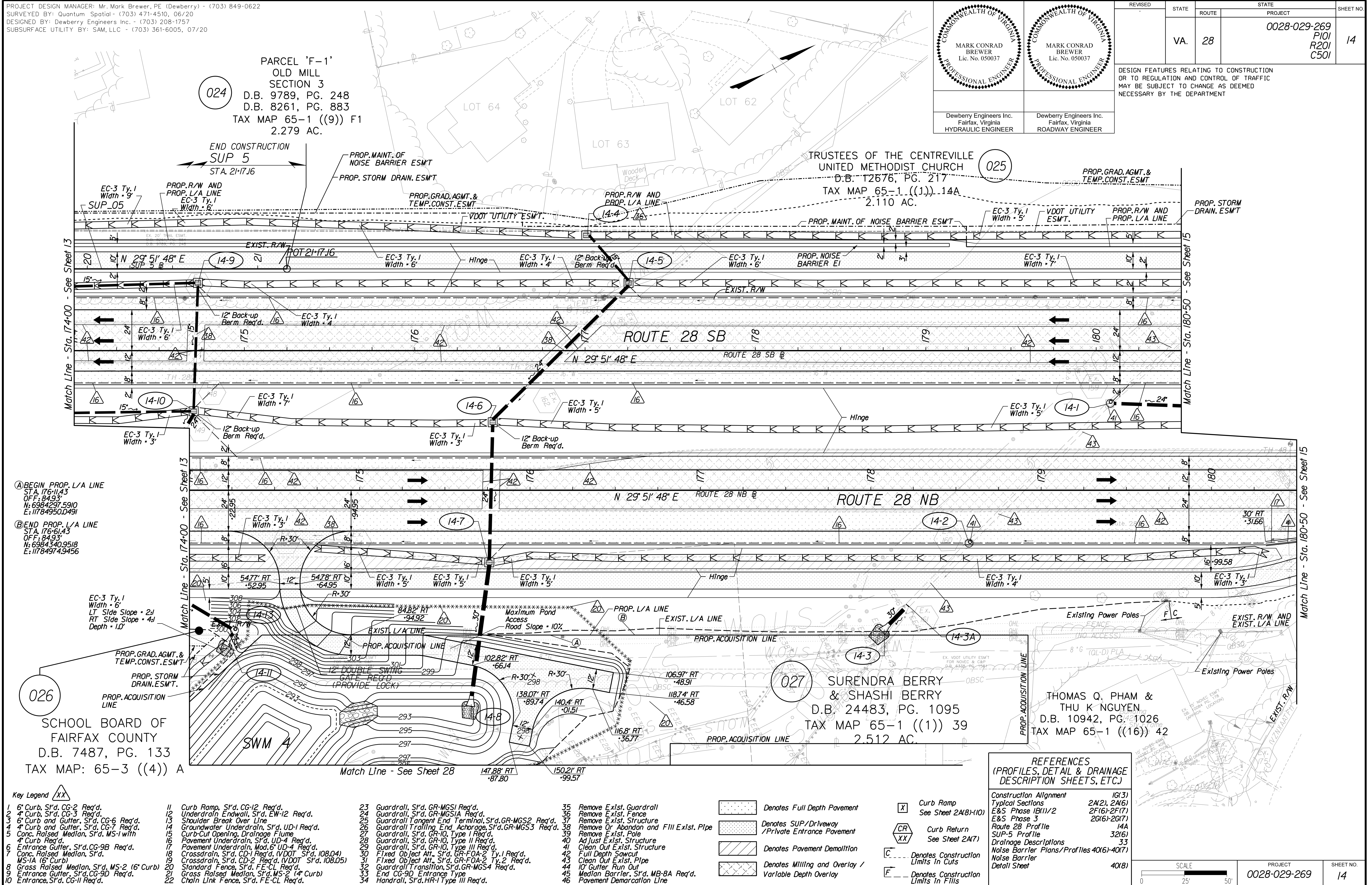
PROJECT	0028-029-269	SHEET NO.	13
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 MARK CONRAD BREWER Lic. No. 050037 PROFESSIONAL ENGINEER	 MARK CONRAD BREWER Lic. No. 050037 PROFESSIONAL ENGINEER

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	28		0028-029-269 P101 R201 C501	14

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





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

		REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
			VA.	28		0028-029-269	15

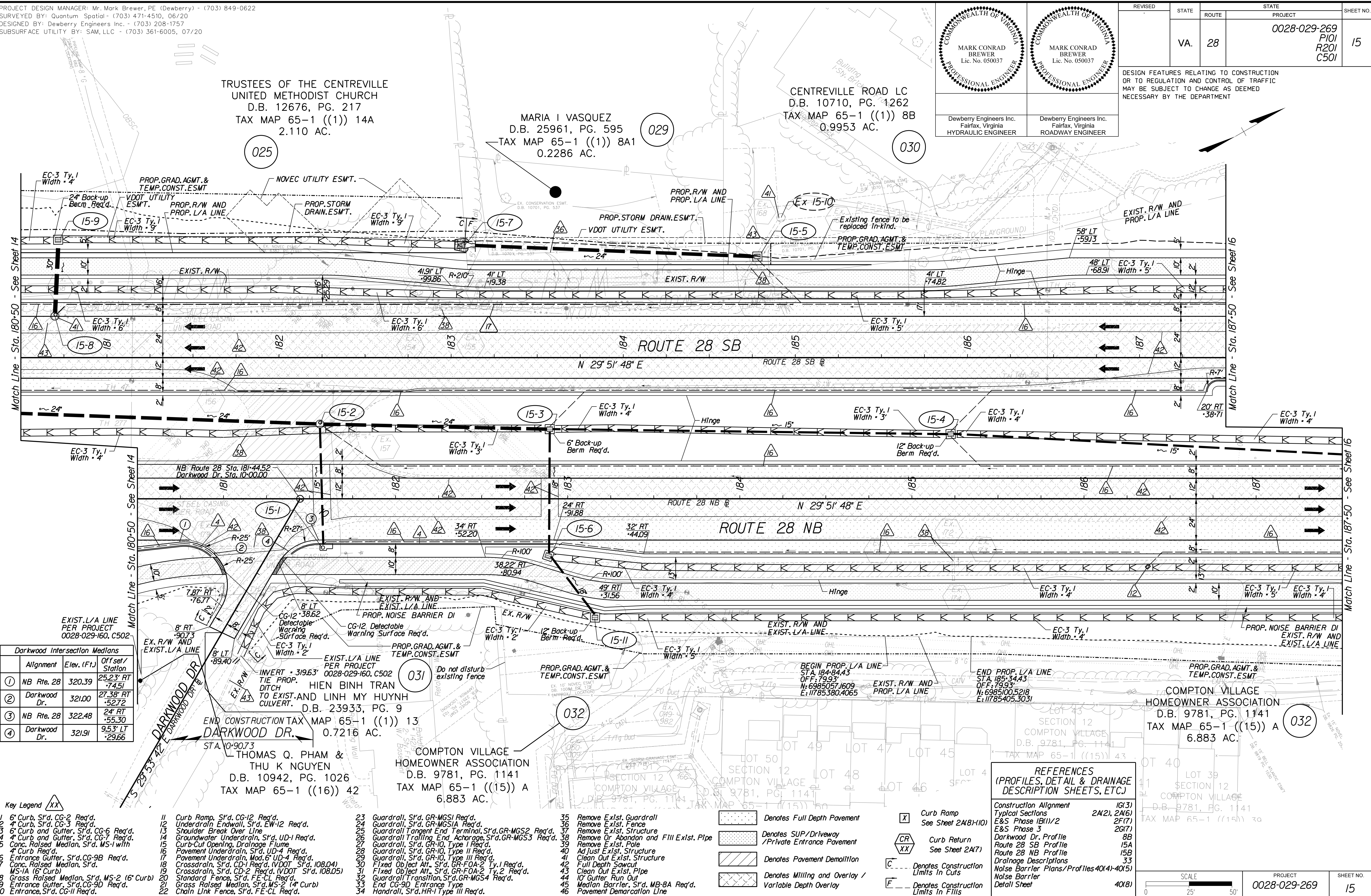
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

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

TRUSTEES OF THE CENTREVILLE UNITED METHODIST CHURCH
D.B. 12676, PG. 217
TAX MAP 65-1 ((1)) 14A
2.110 AC.

MARIA I VASQUEZ
D.B. 25961, PG. 595
TAX MAP 65-1 ((1)) 8A1
0.2286 AC.

CENTREVILLE ROAD LC
D.B. 10710, PG. 1262
TAX MAP 65-1 ((1)) 8B
0.9953 AC.



Alignment	Elev. (FT.)	Offset / Station
1 NB Rte. 28	320.39	25.23' RT
2 Darkwood Dr.	321.00	27.38' RT
3 NB Rte. 28	322.48	24' RT
4 Darkwood Dr.	321.91	9.53' LT

- 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, A-charge, 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. I Req'd.
 - 30 Fixed Object Att., S'd, GR-FOA-2 Ty. 2 Req'd.
 - 31 Guardrail Transition, S'd, GR-MGS4 Req'd.
 - 32 End CG-9D Entrance Type Handrail, S'd, HR-1 Type III Req'd.
 - 33 Remove Exist. Guardrail
 - 34 Remove Exist. Fence
 - 35 Remove Exist. Structure
 - 36 Remove Or Abandon and Fill Exist. Pipe
 - 37 Remove Exist. Pipe
 - 38 Adjust Exist. Structure
 - 39 Clean Out Exist. Structure
 - 40 Full Depth Sawcut
 - 41 Clean Out Exist. Pipe
 - 42 10' Gutter Run Out
 - 43 Median Barrier, S'd, MB-8A Req'd.
 - 44 Pavement Demarcation Line

EXIST. L/A LINE PER PROJECT 0028-029-160, C502

INVERT = 319.63' TIE PROP. DITCH TO EXIST. AND LINH MY HUYNH CULVERT.

HIEN BINH TRAN
D.B. 23933, PG. 9
TAX MAP 65-1 ((1)) 13
0.7216 AC.

THOMAS Q. PHAM & THU K NGUYEN
D.B. 10942, PG. 1026
TAX MAP 65-1 ((16)) 42

COMPTON VILLAGE HOMEOWNER ASSOCIATION
D.B. 9781, PG. 1141
TAX MAP 65-1 ((15)) A
6.883 AC.

COMPTON VILLAGE HOMEOWNER ASSOCIATION
D.B. 9781, PG. 1141
TAX MAP 65-1 ((15)) A
6.883 AC.

- 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(3)
Typical Sections	2A(2), 2A(6)
E&S Phase 1B(1)/2	2F(7)
E&S Phase 3	2G(7)
Darkwood Dr. Profile	8B
Route 28 SB Profile	15A
Route 28 NB Profile	15B
Drainage Descriptions	33
Noise Barrier Plans/Profiles	40(4)-40(5)
Noise Barrier Detail Sheet	40(X)

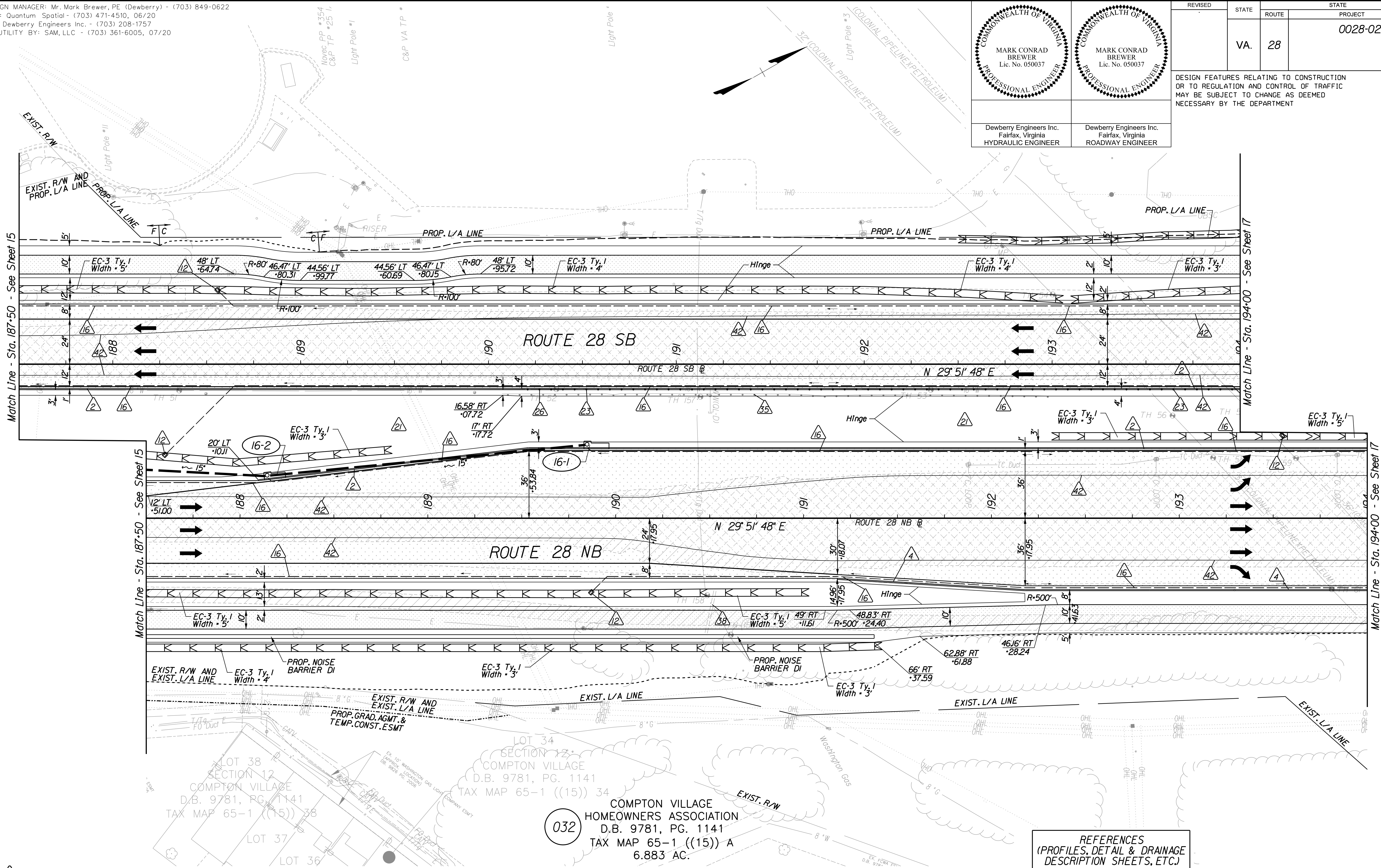


PROJECT DESIGN MANAGER: Mr. Mark Brewer, PE (Dewberry) - (703) 849-0622
SURVEYED BY: Quantum Spatial - (703) 471-4510, 06/20
DESIGNED BY: Dewberry Engineers Inc. - (703) 208-1757
SUBSURFACE UTILITY BY: SAM, LLC - (703) 361-6005, 07/20

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

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	28		0028-029-269 P101 R201 C501	16

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



SECTION 34
COMPTON VILLAGE
D.B. 9781, PG. 1141
TAX MAP 65-1 ((15)) 34

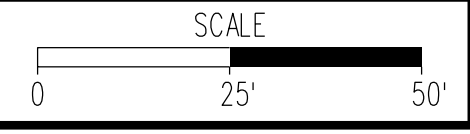
COMPTON VILLAGE HOMEOWNERS ASSOCIATION
D.B. 9781, PG. 1141
TAX MAP 65-1 ((15)) A
6.883 AC.

Key Legend

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

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

Construction Alignment	1G(3)-1G(4)
Typical Sections	2A(2)
E&S Phase 1B(1)/2	2F(7)-2F(8)
E&S Phase 3	2G(7)-2G(8)
Route 28 SB Profile	16A
Route 28 NB Profile	16B
Drainage Descriptions	33
Noise Barrier Plans/Profiles	40(4)-40(5)
Noise Barrier Detail Sheet	40(B)



PROJECT	0028-029-269	SHEET NO.	16
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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

COMMONWEALTH OF VIRGINIA
MARK CONRAD BREWER
Lic. No. 050037
PROFESSIONAL ENGINEER

COMMONWEALTH OF VIRGINIA
MARK CONRAD BREWER
Lic. No. 050037
PROFESSIONAL ENGINEER

Dewberry Engineers Inc.
Fairfax, Virginia
HYDRAULIC ENGINEER

Dewberry Engineers Inc.
Fairfax, Virginia
ROADWAY ENGINEER

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	28		0028-029-269 P101 R201 C501	17

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

	Alignment	Elev. (Ft.)	Offset/Station
18	NB Rte. 28	340.12	37.03' LT -52.35
19	NB Rte. 28	340.20	40.25' LT -52.26
20	NB Rte. 28	340.00	37.39' LT -64.60
21	NB Rte. 28	340.81	50.97' LT -47.81
22	SB Rte. 28	342.06	35.04' RT -81.52
23	SB Rte. 28	342.26	26.31' RT -86.39
24	SB Rte. 28	343.04	24.09' RT -72.35
25	SB Rte. 28	342.84	20.83' RT -81.81
26	SB Rte. 28	342.78	15.25' RT -82.24
27	SB Rte. 28	343.02	13.91' RT -70.01
28	SB Rte. 28	342.99	19.42' RT -71.35
29	SB Rte. 28	342.82	18.49' RT -81.30
30	SB Rte. 28	342.12	27.48' RT -89.89
31	NB Rte. 28	341.92	44.62' LT -20.80
32	NB Rte. 28	340.21	48.72' LT -61.54

	Alignment	Elev. (Ft.)	Offset/Station
1	SB Rte. 28	341.19	32.68' RT -45.83
2	NB Rte. 28	340.97	39.91' LT -77.55
3	NB Rte. 28	340.62	41.06' LT -46.44
4	NB Rte. 28	340.40	50.16' LT -53.63
5	SB Rte. 28	339.27	44.48' RT -13.14
6	SB Rte. 28	338.81	37.35' RT -40.10
7	SB Rte. 28	338.74	37' RT -53.93
8	NB Rte. 28	338.92	15.24' LT -95.45
9	NB Rte. 28	338.93	17.85' LT -80.67
10	NB Rte. 28	339.27	28.30' LT -45.67
11	New Braddock	339.67	3.68' RT -80.30
12	New Braddock	339.42	7.50' RT -80.33
13	New Braddock	337.79	13.99' RT -94.08
14	New Braddock	338.01	10.24' RT -94.08

	Alignment	Elev. (Ft.)	Offset/Station
15	SB Rte. 28	339.02	24' RT -50.00
16	SB Rte. 28	338.89	24' RT -75.00
17	SB Rte. 28	338.79	24' RT -00.00

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, 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. I Req'd.
- 30 Fixed Object Att., S'd, GR-FOA-2 Ty. 2 Req'd.
- 31 Guardrail Transition, S'd, GR-MGS4 Req'd.
- 32 End CG-9D Entrance Type
- 33 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. Pipe
- 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-Ba Req'd.
- 46 Pavement Demarcation Line

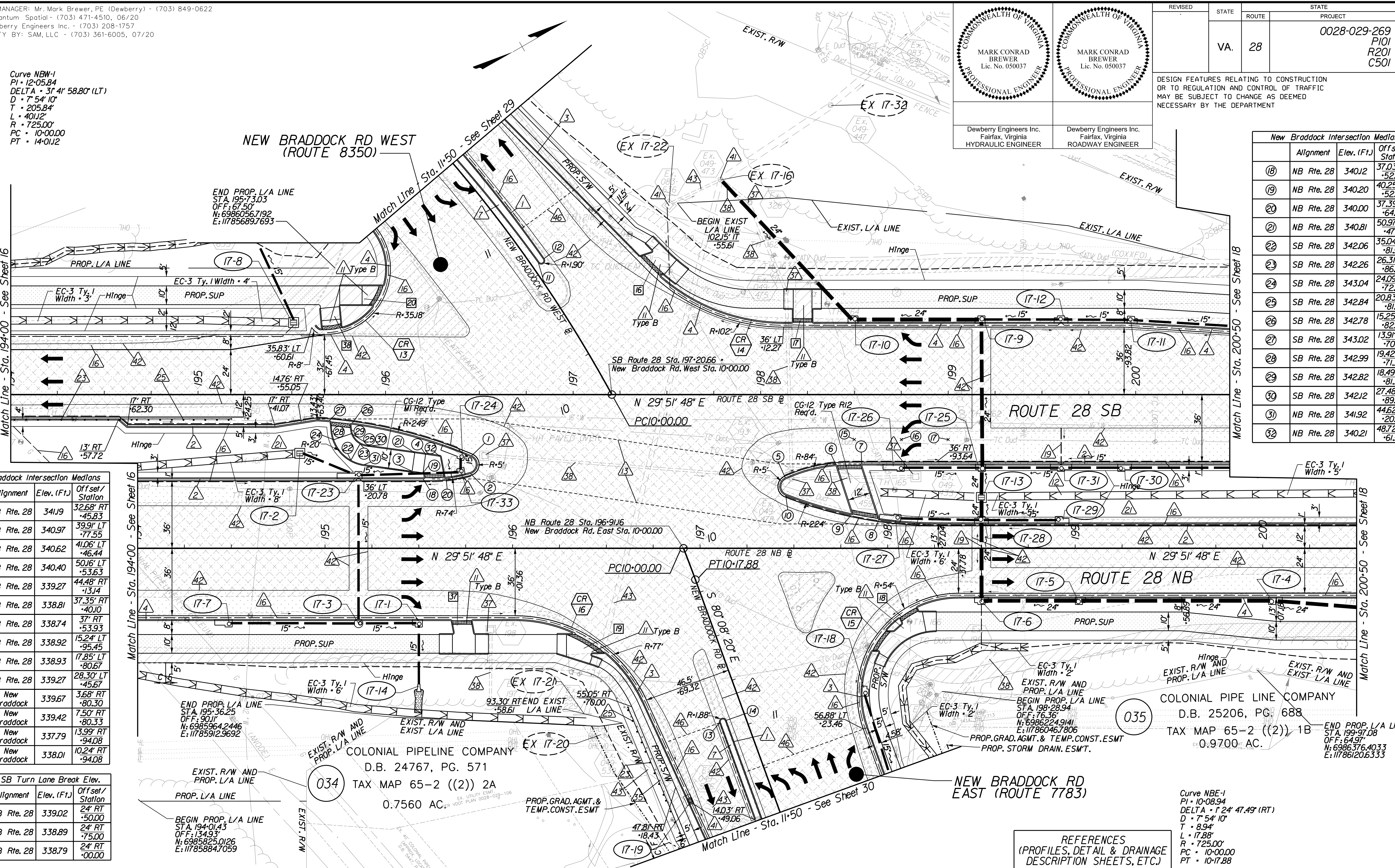
- Denotes Full Depth Pavement
- Denotes SUP/Driveway /Private Entrance Pavement
- Denotes Pavement Demolition
- Denotes Milling and Overlay / Variable Depth Overlay
- Denotes Construction Limits in Cuts
- Denotes Construction Limits in Fills

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

Construction Alignment	IG(4)
Typical Sections	2A(2), 2A(4), 2A(5)
E&S Phase 1B(1)/2	2F(1)
E&S Phase 3	2G(1)
Route 28 SB Profile	17A
Route 28 NB Profile	17B
New Braddock Rd. West Profile	29A
New Braddock Rd. East Profile	30A
Drainage Descriptions	33

Curve NBE-1
PI = 10+08.94
DELTA = 24° 47.49' (RT)
D = 7' 54" 10"
T = 8.94'
L = 17.88'
R = 725.00'
PC = 10+00.00
PT = 10+17.88

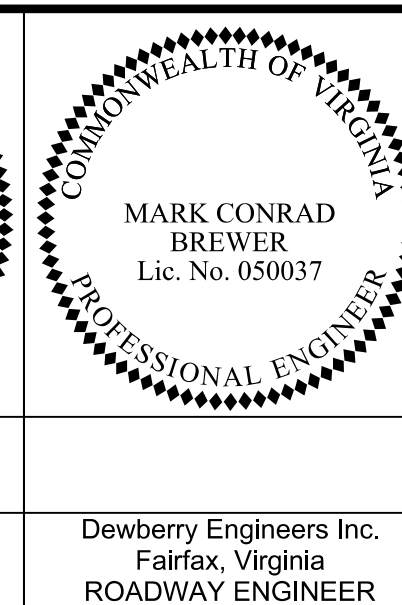
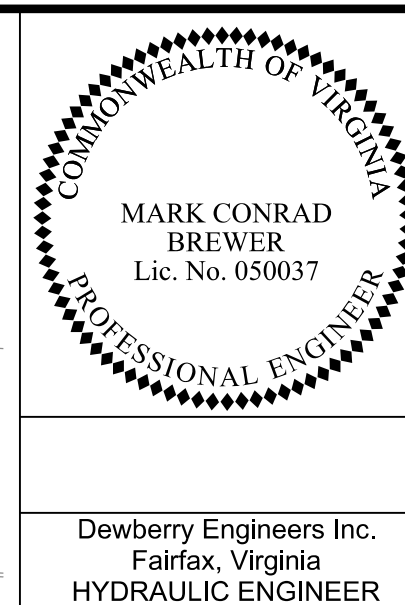
SCALE	PROJECT	SHEET NO.
0 25 50'	0028-029-269	17





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

Point #	Alignment	Elev. (ft.)	Offset/Station
13	NB Rte. 28	343.42	24' LT +50.00
14	NB Rte. 28	343.56	24' LT -75.00



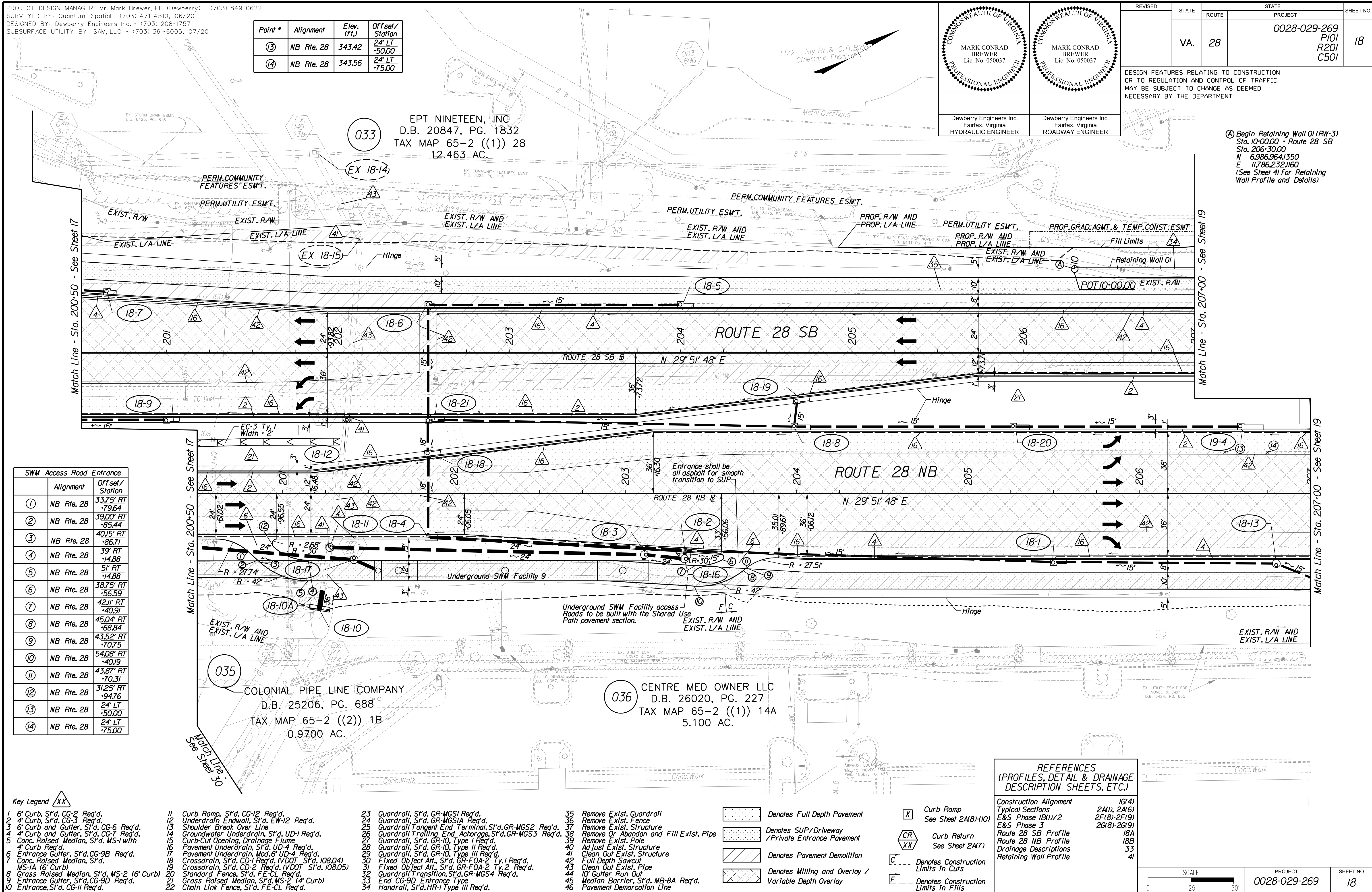
REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	28		0028-029-269 P101 R201 C501	18

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

Dewberry Engineers Inc. Fairfax, Virginia HYDRAULIC ENGINEER

Dewberry Engineers Inc. Fairfax, Virginia ROADWAY ENGINEER

Begin Retaining Wall OI (RW-3) Sta. 10+00.00 - Route 28 SB Sta. 206+30.00 N 6986.9641350 E 11786.2321160 (See Sheet 41 for Retaining Wall Profile and Details)



Alignment	Offset/Station
1 NB Rte. 28	33.75' RT -79.64
2 NB Rte. 28	39.00' RT -85.44
3 NB Rte. 28	40.15' RT -86.71
4 NB Rte. 28	39' RT -14.88
5 NB Rte. 28	51' RT -14.88
6 NB Rte. 28	38.75' RT -56.59
7 NB Rte. 28	42.11' RT -40.91
8 NB Rte. 28	45.04' RT -68.84
9 NB Rte. 28	43.52' RT -70.75
10 NB Rte. 28	54.08' RT -40.19
11 NB Rte. 28	43.87' RT -70.31
12 NB Rte. 28	31.25' RT -94.76
13 NB Rte. 28	24' LT +50.00
14 NB Rte. 28	24' LT -75.00

- 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-Cut 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, A-charge, 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
 - 34 Handrail, S'd, HR-1 Type III Req'd.
 - 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-8A Req'd.
 - 46 Pavement Demarcation Line

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

Construction Alignment	IG(4)
Typical Sections	2A(1), 2A(6)
E&S Phase 1B(1)/2	2F(8)-2F(9)
E&S Phase 3	2G(8)-2G(9)
Route 28 SB Profile	18A
Route 28 NB Profile	18B
Drainage Descriptions	33
Retaining Wall Profile	41

SCALE	PROJECT	SHEET NO.
0 25' 50'	0028-029-269	18



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

COMMONWEALTH OF VIRGINIA
MARK CONRAD BREWER
Lic. No. 050037
PROFESSIONAL ENGINEER

COMMONWEALTH OF VIRGINIA
MARK CONRAD BREWER
Lic. No. 050037
PROFESSIONAL ENGINEER

Dewberry Engineers Inc.
Fairfax, Virginia
HYDRAULIC ENGINEER

Dewberry Engineers Inc.
Fairfax, Virginia
ROADWAY ENGINEER

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	28		0028-029-269 P101 R201 C501	19

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

SWM Access Road Entrance		
	Alignment	Offset/Station
(A)	NB Rte. 28	34.99' RT -25.84
(B)	NB Rte. 28	36.42' RT -27.24
(C)	NB Rte. 28	37.00' RT -27.83
(D)	NB Rte. 28	49' RT -57.22
(E)	NB Rte. 28	29.5' RT -57.38
(F)	NB Rte. 28	37' RT -57.22
(G)	NB Rte. 28	29.5' RT -51.98
(H)	NB Rte. 28	37' RT -32.14
(J)	NB Rte. 28	34.99' RT -63.52
(K)	NB Rte. 28	37.00' RT -61.53
(L)	NB Rte. 28	36.42' RT -62.11
(M)	NB Rte. 28	49.00' RT -32.14

- ① End Retaining Wall 01 (RW-3)
Sta. 11+56.02 - Route 28 SB
Sta. 207+80.24
N 6.9871019728
E 11.7862937718
(See Sheet 41 for Retaining Wall Profile and Details)
- ② Begin Retaining Wall 02
Sta. 10+00.00 - Machen East
Sta. 11+16.69
N 6.9870757892
E 11.7865818097
(See Sheet 41 for Retaining Wall Profile and Details)
- ③ END PROP. L/A LINE
Sta. 207+55.59
OFF: 66.07
N: 69870815463
E: 117862798454
- ④ END EXIST. L/A LINE
86.80' RT
-46.43
- ⑤ END EXIST. L/A LINE
85.55' RT
-46.43
- ⑥ 56' LT
-82.23

Machen Rd. Intersection Medians		
Alignment	Elev. (Ft.)	Offset/Station
① SB Rte. 28	346.71	14.24' RT -66.55
② SB Rte. 28	346.67	14.85' RT -67.03
③ NB Rte. 28	345.21	37.84' LT -01.10
④ NB Rte. 28	345.17	37.21' LT -00.54
⑤ SB Rte. 28	344.70	27.45' RT -42.31
⑥ SB Rte. 28	344.43	25' RT -62.43
⑦ NB Rte. 28	345.31	13.11' LT -02.40
⑧ NB Rte. 28	345.06	18.63' LT -74.04
⑨ Machen Rd.	344.05	12.88' RT -63.82
⑩ Machen Rd.	343.58	17.02' RT -64.53
⑪ NB Rte. 28	344.68	18.05' LT -74.46
⑫ SB Rte. 28	345.08	26.87' RT -42.79

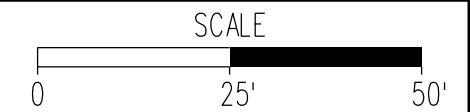
- Key Legend
- 1 6" Curb, S'd, CG-2 Req'd.
 - 2 4" Curb, S'd, CG-3 Req'd.
 - 3 6" Curb and Gutter, S'd, CG-6 Req'd.
 - 4 4" Curb and Gutter, S'd, CG-7 Req'd.
 - 5 Conc. Raised Median, S'd, MS-1 with 4" Curb Req'd.
 - 6 Entrance Gutter, S'd, CG-9B Req'd.
 - 7 Conc. Raised Median, S'd, MS-1A (6" Curb)
 - 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, A-charge, 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
 - 34 Handrail, S'd, HR-1 Type III Req'd.
 - 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 Adj. Just E. of 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-8A Req'd.
 - 46 Pavement Demarcation Line

- 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, A-charge, 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
- 34 Handrail, S'd, HR-1 Type III Req'd.
- 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 Adj. Just E. of 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-8A Req'd.
- 46 Pavement Demarcation Line

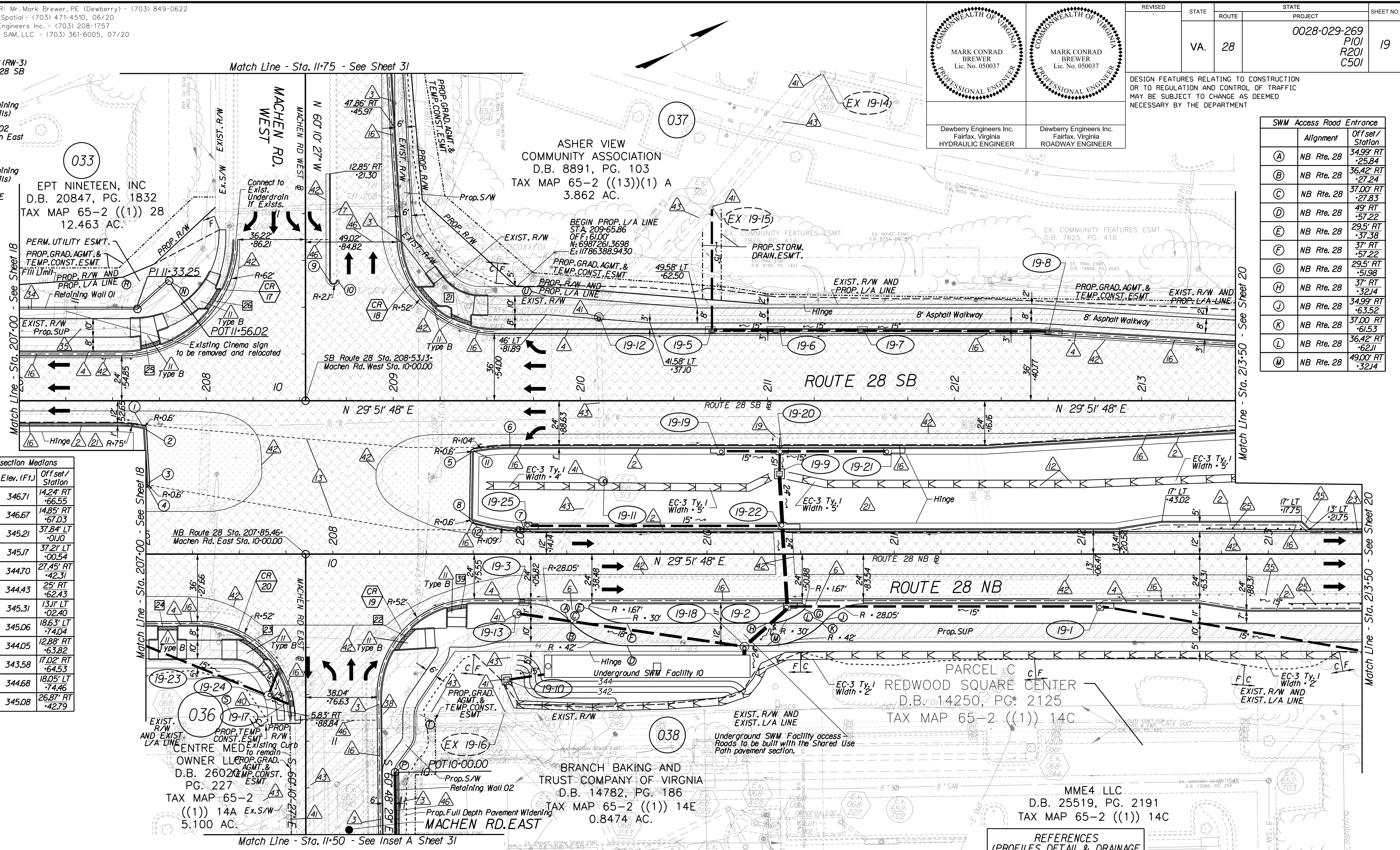
- Denotes Full Depth Pavement
- Denotes SUP/Driveway /Private Entrance Pavement
- Denotes Pavement Demolition
- Denotes Milling and Overlay / Variable Depth Overlay
- Curb Ramp See Sheet 2A(8)-10)
- Curb Return See Sheet 2A(7)
- Denotes Construction Limits In Cuts
- Denotes Construction Limits In Fills

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

Construction Alignment	IG(4) Typical Sections
E&S Phase 1B(1)/2	2A(2), 2A(5)-2A(6)
E&S Phase 3	2F(19), 2G(19)
Route 28 SB Profile	19A
Route 28 NB Profile	19B
Machen Rd. East Profile	19C
Machen Rd. West Profile	31A
Drainage Descriptions	33
Retaining Wall Profile	41



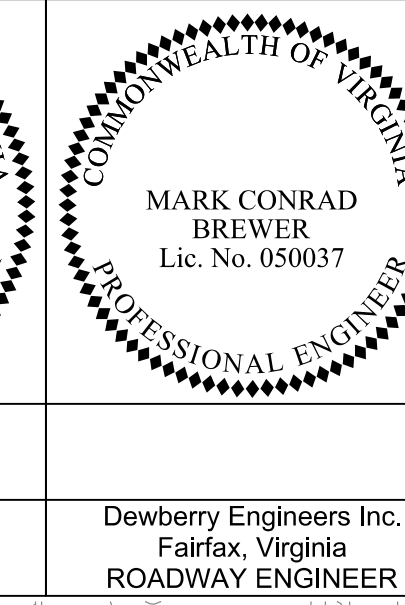
PROJECT	0028-029-269
SHEET NO.	19





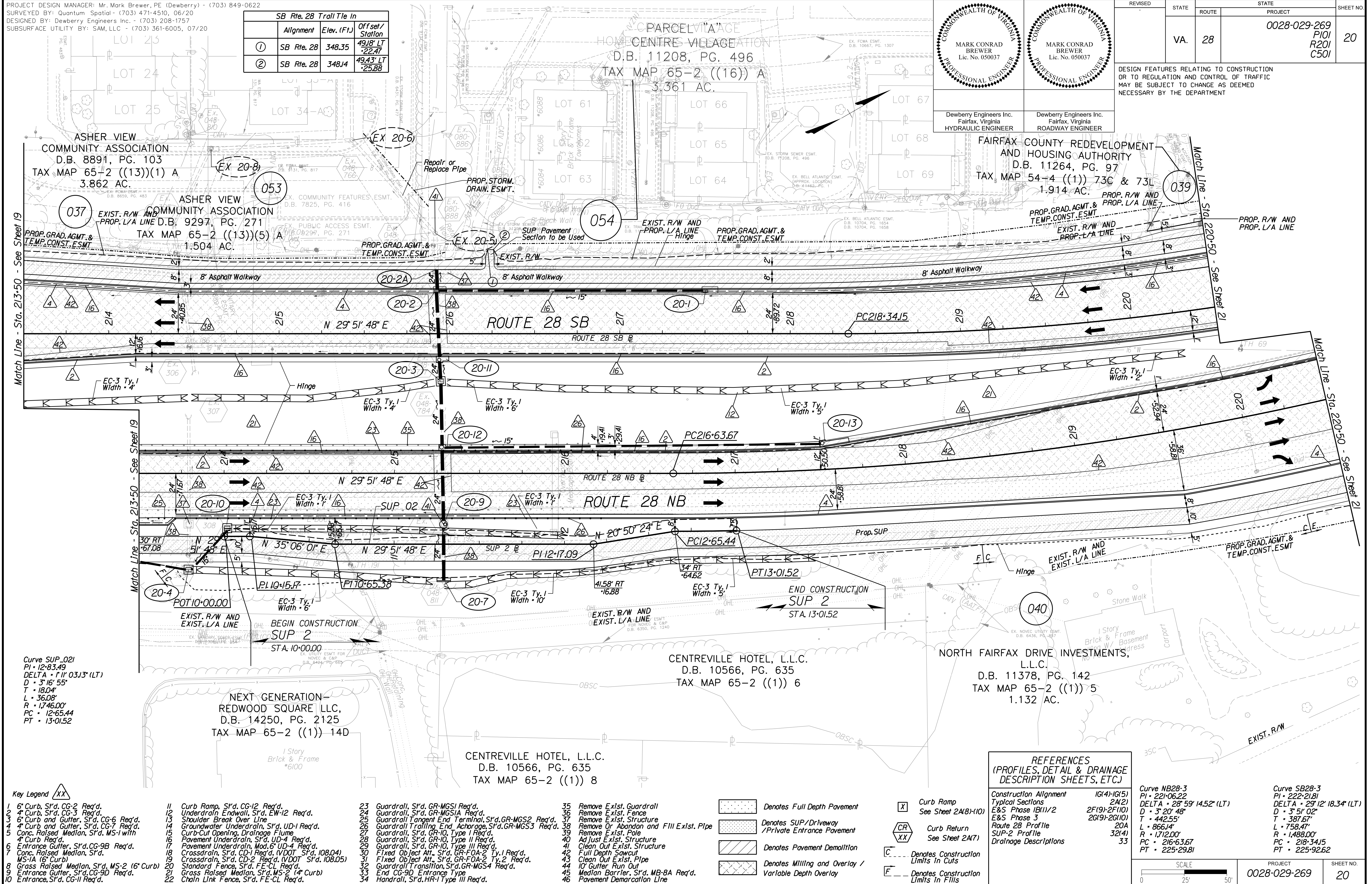
PROJECT DESIGN MANAGER: Mr. Mark Brewer, PE (Dewberry) - (703) 849-0622
SURVEYED BY: Quantum Spatial - (703) 471-4510, 06/20
DESIGNED BY: Dewberry Engineers Inc. - (703) 208-1757
SUBSURFACE UTILITY BY: SAM, LLC - (703) 361-6005, 07/20

SB Rte. 28 Trall Tie In			
	Alignment	Elev. (Ft.)	Offset/Station
①	SB Rte. 28	348.35	4918' LT 22.47
②	SB Rte. 28	348.14	4943' LT 25.88



REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	28		0028-029-269 P101 R201 C501	20

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



Curve SUP_021
 PI - 12+83.49
 DELTA - 111° 03'13" (LT)
 D - 3' 16" 55"
 T - 18.04'
 L - 36.08'
 R - 1746.00'
 PC - 12+65.44
 PT - 13+01.52

NEXT GENERATION -
 REDWOOD SQUARE LLC,
 D.B. 14250, PG. 2125
 TAX MAP 65-2 ((1)) 14D

CENTREVILLE HOTEL, L.L.C.
 D.B. 10566, PG. 635
 TAX MAP 65-2 ((1)) 6

NORTH FAIRFAX DRIVE INVESTMENTS,
 L.L.C.
 D.B. 11378, PG. 142
 TAX MAP 65-2 ((1)) 5
 1.132 AC.

- Key Legend
- 1 6" Curb, S'd, CG-2 Req'd.
 - 2 4" Curb, S'd, CG-3 Req'd.
 - 3 4" 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-Cut 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-8A 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-Cut 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-8A 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

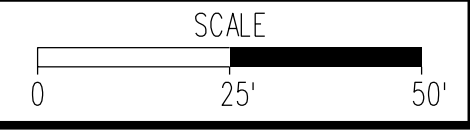
- X Curb Ramp See Sheet 2A(8)-1(0)
- CR XX Curb Return See Sheet 2A(7)
- Denotes Construction Limits In Cuts
- Denotes Construction Limits In Fills

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

Construction Alignment Typical Sections	IG(4)-IG(5)
E&S Phase 1B(1)/2	2A(2)
E&S Phase 3	2F(9)-2F(10)
Route 28 Profile SUP-2 Profile	2G(9)-2G(10)
Drainage Descriptions	20A 32(4) 33

Curve	IG(4)-IG(5)
Curve NB28-3	2A(2)
PI - 221+06.22	2F(9)-2F(10)
DELTA - 28° 59' 14.52" (LT)	2G(9)-2G(10)
D - 3' 20' 48"	20A
T - 442.55'	32(4)
L - 866.14'	33
R - 1,712.00'	
PC - 216+63.67	
PT - 225+29.81	

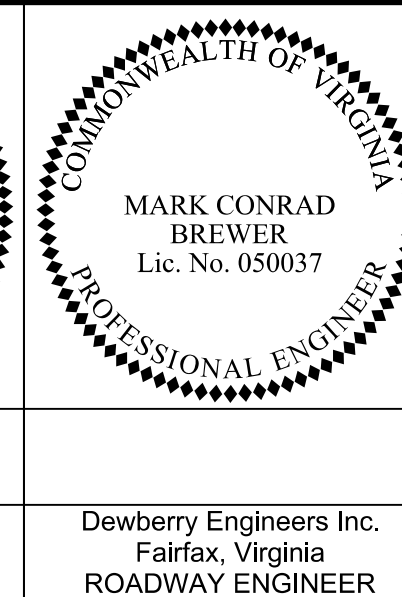
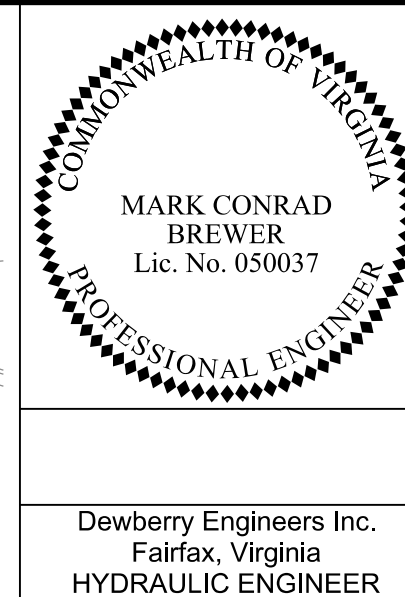
Curve	IG(4)-IG(5)
Curve SB28-3	2A(2)
PI - 222+21.81	2F(9)-2F(10)
DELTA - 29° 12' 18.34" (LT)	2G(9)-2G(10)
D - 3' 51' 02"	20A
T - 387.67'	32(4)
L - 758.47'	33
R - 1,488.00'	
PC - 218+34.15	
PT - 225+92.62	



PROJECT	SHEET NO.
0028-029-269	20



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

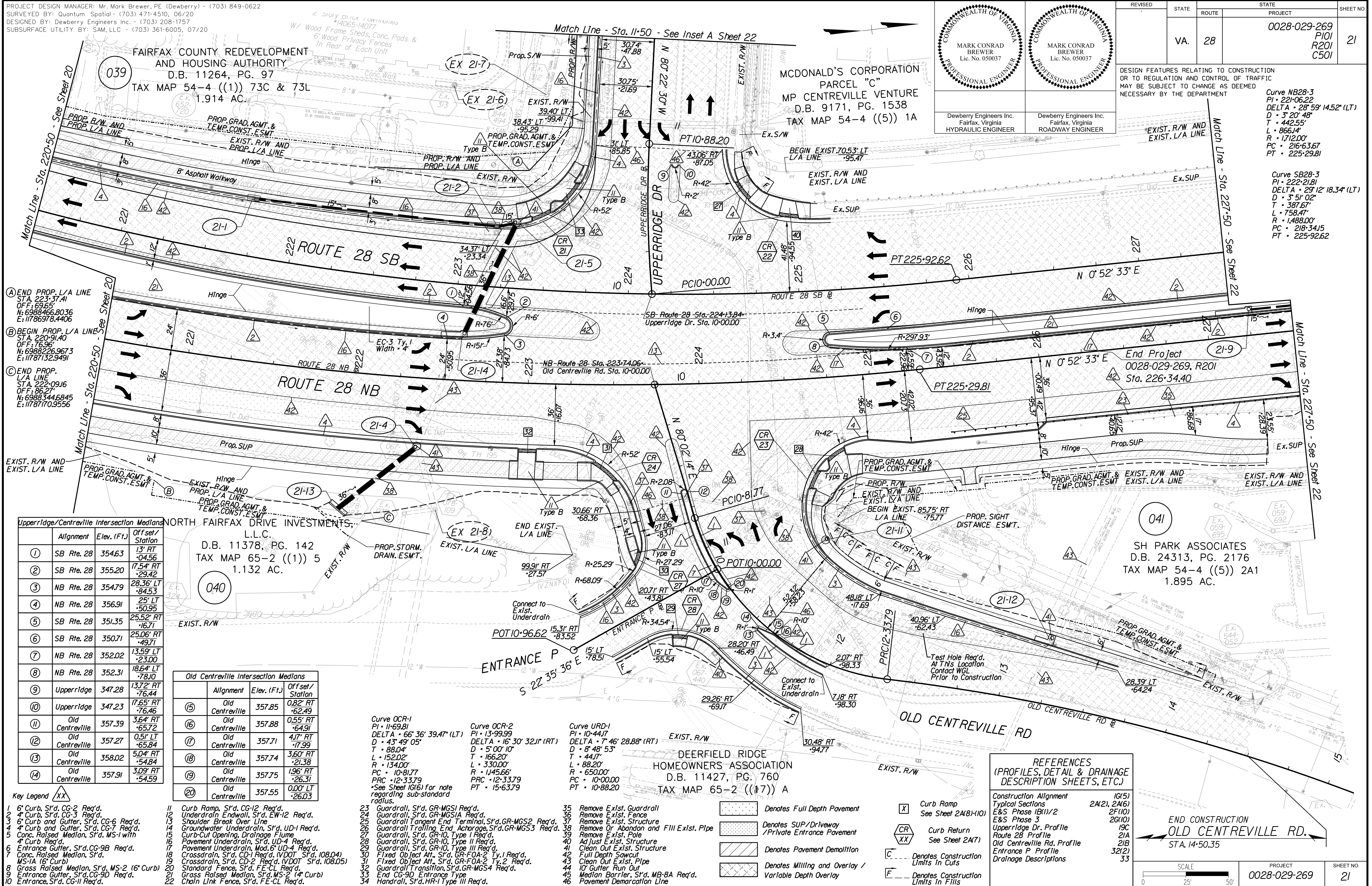


REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	28		0028-029-269 P101 R201 C501	21

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

Curve NB28-3
 PI • 221-06.22
 DELTA • 28° 59' 14.52" (LT)
 D • 3' 20' 48"
 T • 442.55'
 L • 866.14'
 R • 1712.00'
 PC • 216-63.67
 PT • 225-29.81

Curve SB28-3
 PI • 222-21.81
 DELTA • 29° 12' 18.34" (LT)
 D • 3' 51' 02"
 T • 387.67'
 L • 758.47'
 R • 1488.00'
 PC • 218-34.15
 PT • 225-92.62



(A) END PROP. L/A LINE
 STA. 223-37.41
 OFF. 69.65'
 N: 6988466.8036
 E: 11786978.4406

(B) BEGIN PROP. L/A LINE
 STA. 220-91.40
 OFF. 76.96'
 N: 6988466.9673
 E: 11787132.9491

(C) END PROP. L/A LINE
 STA. 222-09.16
 OFF. 86.27'
 N: 6988344.6845
 E: 1178710.9556

Station	Alignment	Elev. (Ft.)	Offset/Station
1	SB Rte. 28	354.63	13' RT -04.56
2	SB Rte. 28	355.20	17.54' RT -29.42
3	NB Rte. 28	354.79	28.36' LT -84.53
4	NB Rte. 28	356.91	25' LT -50.95
5	SB Rte. 28	351.35	25.52' RT -16.71
6	SB Rte. 28	350.71	25.06' RT -49.71
7	NB Rte. 28	352.02	13.59' LT -23.00
8	NB Rte. 28	352.31	18.64' LT -78.10
9	Upperridge	347.28	13.72' RT -76.44
10	Upperridge	347.23	17.65' RT -76.46
11	Old Centreville	357.39	3.64' RT -65.72
12	Old Centreville	357.27	0.51' LT -65.84
13	Old Centreville	358.02	5.04' RT -54.84
14	Old Centreville	357.91	3.09' RT -54.59

Station	Alignment	Elev. (Ft.)	Offset/Station
15	Old Centreville	357.85	0.82' RT -62.49
16	Old Centreville	357.88	0.55' RT -64.91
17	Old Centreville	357.71	4.17' RT -17.99
18	Old Centreville	357.74	3.60' RT -21.38
19	Old Centreville	357.75	1.96' RT -26.31
20	Old Centreville	357.55	0.00' LT -26.03

- 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-MGSI Req'd.
 - 24 Guardrail, S'd, GR-MGSA 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 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. I 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. Structure
 - 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

Curve OCR-1
 PI • 11-69.81
 DELTA • 66° 36' 39.47" (LT)
 D • 43' 49' 05"
 T • 88.04'
 L • 152.02'
 R • 134.00'
 PC • 10-81.77
 PRC • 12-33.79
 *See Sheet 19(6) for note regarding sub-standard radius.

Curve OCR-2
 PI • 13-99.99
 DELTA • 16° 30' 32.11" (RT)
 D • 5' 00' 10"
 T • 166.20'
 L • 330.00'
 R • 145.66'
 PRC • 12-33.79
 PT • 15-63.79

Curve URD-1
 PI • 10-44.17
 DELTA • 7° 46' 28.88" (RT)
 D • 8' 48' 53"
 T • 44.71'
 L • 88.20'
 R • 650.00'
 PC • 10-00.00
 PT • 10-88.20

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

Construction Alignment Typical Sections E&S Phase 1B(1)/2 E&S Phase 3 Upperridge Dr. Profile Route 28 Profile Old Centreville Rd. Profile Entrance P Profile Drainage Descriptions	IG(5) 2A(2), 2A(6) 2F(10) 2G(10) 19C 21A 21B 32(2) 33
--	---

Denotes Full Depth Pavement

Denotes SUP/Driveway /Private Entrance Pavement

Denotes Pavement Demolition

Denotes Milling and Overlay / Variable Depth Overlay

Denotes Construction Limits in Cuts

Denotes Construction Limits in Fills

Denotes Full Depth Pavement

Denotes Milling and Overlay / Variable Depth Overlay

Denotes Construction Limits in Cuts

Denotes Construction Limits in Fills

END CONSTRUCTION
OLD CENTREVILLE RD.
 STA. 14+50.35

SCALE 1" = 25'

PROJECT 0028-029-269

SHEET NO. 21



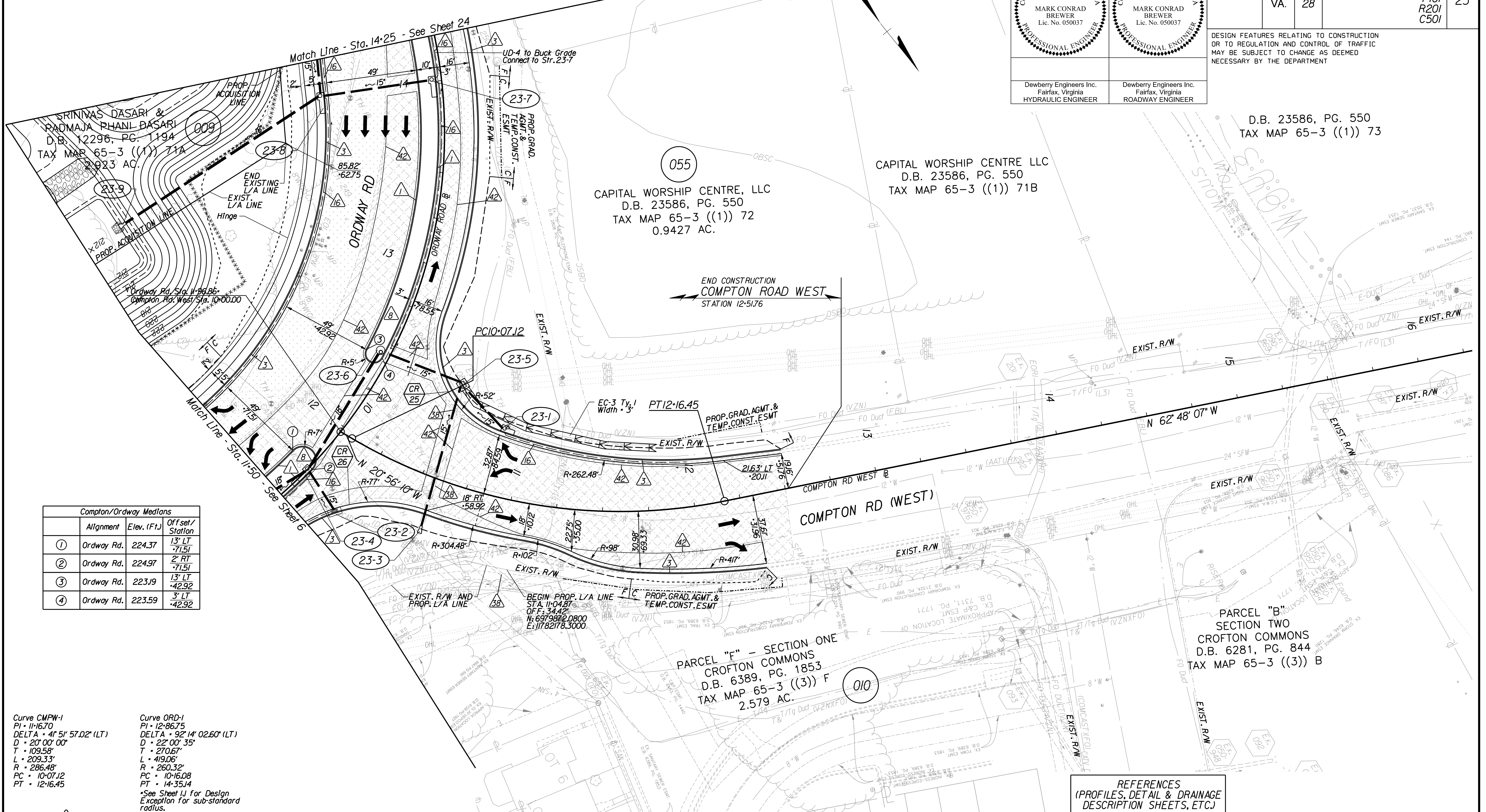
PROJECT DESIGN MANAGER: Mr. Mark Brewer, PE (Dewberry) - (703) 849-0622
 SURVEYED BY: Quantum Spatial - (703) 471-4510, 06/20
 DESIGNED BY: Dewberry Engineers Inc. - (703) 208-1757
 SUBSURFACE UTILITY BY: SAM, LLC - (703) 361-6005, 07/20

 MARK CONRAD BREWER Lic. No. 050037 PROFESSIONAL ENGINEER	 MARK CONRAD BREWER Lic. No. 050037 PROFESSIONAL ENGINEER

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	28		0028-029-269 P101 R201 C501	23

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

D.B. 23586, PG. 550
TAX MAP 65-3 ((1)) 73



CAPITAL WORSHIP CENTRE LLC
D.B. 23586, PG. 550
TAX MAP 65-3 ((1)) 71B

CAPITAL WORSHIP CENTRE, LLC
D.B. 23586, PG. 550
TAX MAP 65-3 ((1)) 72
0.9427 AC.

PARCEL "B" - SECTION TWO
CROFTON COMMONS
D.B. 6281, PG. 844
TAX MAP 65-3 ((3)) B

PARCEL "F" - SECTION ONE
CROFTON COMMONS
D.B. 6389, PG. 1853
TAX MAP 65-3 ((3)) F
2.579 AC.

	Alignment	Elev. (Ft.)	Offset/Station
1	Ordway Rd.	224.37	13' LT -71.51
2	Ordway Rd.	224.97	2' RT -71.51
3	Ordway Rd.	223.19	13' LT -42.92
4	Ordway Rd.	223.59	3' LT -42.92

Curve CMPW-1
PI • 1116.70
DELTA • 4° 51' 57.02" (LT)
D • 20' 00' 00"
T • 109.58'
L • 209.33'
R • 286.48'
PC • 10+07.12
PT • 12+16.45

Curve ORD-1
PI • 12+86.75
DELTA • 92° 14' 02.60" (LT)
D • 22' 00' 35"
T • 270.67'
L • 419.06'
R • 260.32'
PC • 10+16.08
PT • 14+35.14

*See Sheet 11 for Design
Exception for sub-standard
radius.

Key Legend

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

- | | | | |
|--|--|--|--------------------------------------|
| | Denotes Full Depth Pavement | | Curb Ramp
See Sheet 2A(8)-10) |
| | Denotes SUP/Driveway/Private Entrance Pavement | | Curb Return
See Sheet 2A(7) |
| | Denotes Pavement Demolition | | Denotes Construction Limits in Cuts |
| | Denotes Milling and Overlay/Variable Depth Overlay | | Denotes Construction Limits in Fills |

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

Construction Alignment	1G(1)
Typical Sections	2A(3)
E&S Phase 1B(1)/2	2F(1)
E&S Phase 3	2G(1)
Ordway Rd. Profile	23A
Compton Rd. West Profile	23B
Drainage Descriptions	33

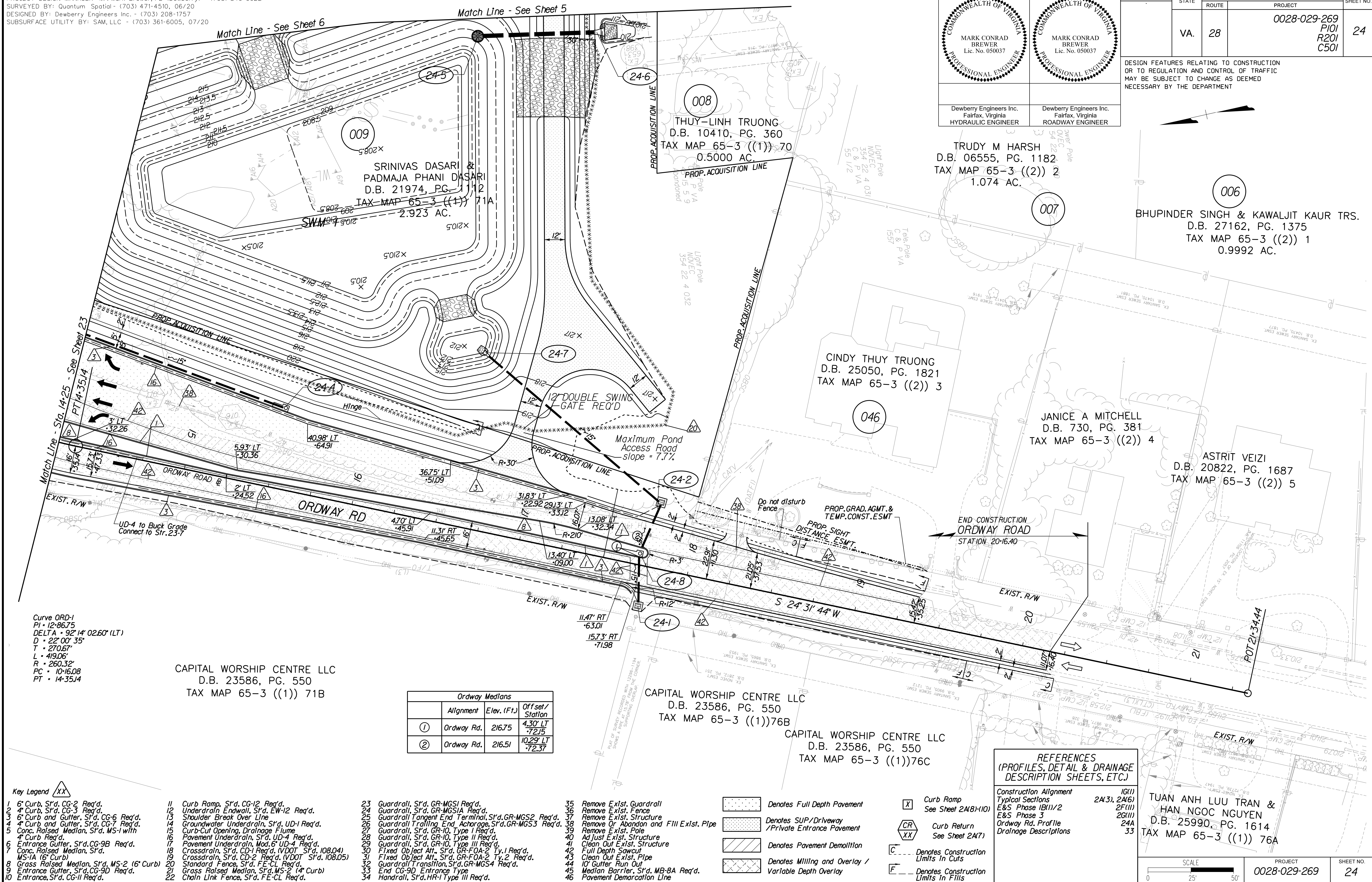
SCALE	PROJECT	SHEET NO.
0 25' 50'	0028-029-269	23



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

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	28		0028-029-269 P101 R201 C501	24

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



Curve ORD-1
 PI = 12+86.75
 DELTA = 92° 14' 02.60" (LT)
 D = 22° 00' 35"
 T = 270.67'
 L = 419.06'
 R = 260.32'
 PC = 10+16.08
 PT = 14+35.14

CAPITAL WORSHIP CENTRE LLC
 D.B. 23586, PG. 550
 TAX MAP 65-3 ((1)) 71B

Ordway Medians		
Alignment	Elev. (F1)	Offset/Station
① Ordway Rd.	216.75	4.30' LT -72.15
② Ordway Rd.	216.51	10.29' LT -72.37

CAPITAL WORSHIP CENTRE LLC
 D.B. 23586, PG. 550
 TAX MAP 65-3 ((1)) 76B

CAPITAL WORSHIP CENTRE LLC
 D.B. 23586, PG. 550
 TAX MAP 65-3 ((1)) 76C

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

Construction Alignment	IG(1)
Typical Sections	2A(3), 2A(6)
E&S Phase 1B(1)/2	2F(11)
E&S Phase 3	2G(11)
Ordway Rd. Profile	24A
Drainage Descriptions	33

TUAN ANH LUU TRAN &
 HAN NGOC NGUYEN
 D.B. 25990, PG. 1614
 TAX MAP 65-3 ((1)) 76A

- 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-Cut 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-2 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-MGSI Req'd.
 - 24 Guardrail, S'd, GR-MGSA 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
 - 34 Handrail, S'd, HR-1 Type III Req'd.
 - 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-8A 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

SCALE	PROJECT	SHEET NO.
0 25 50'	0028-029-269	24

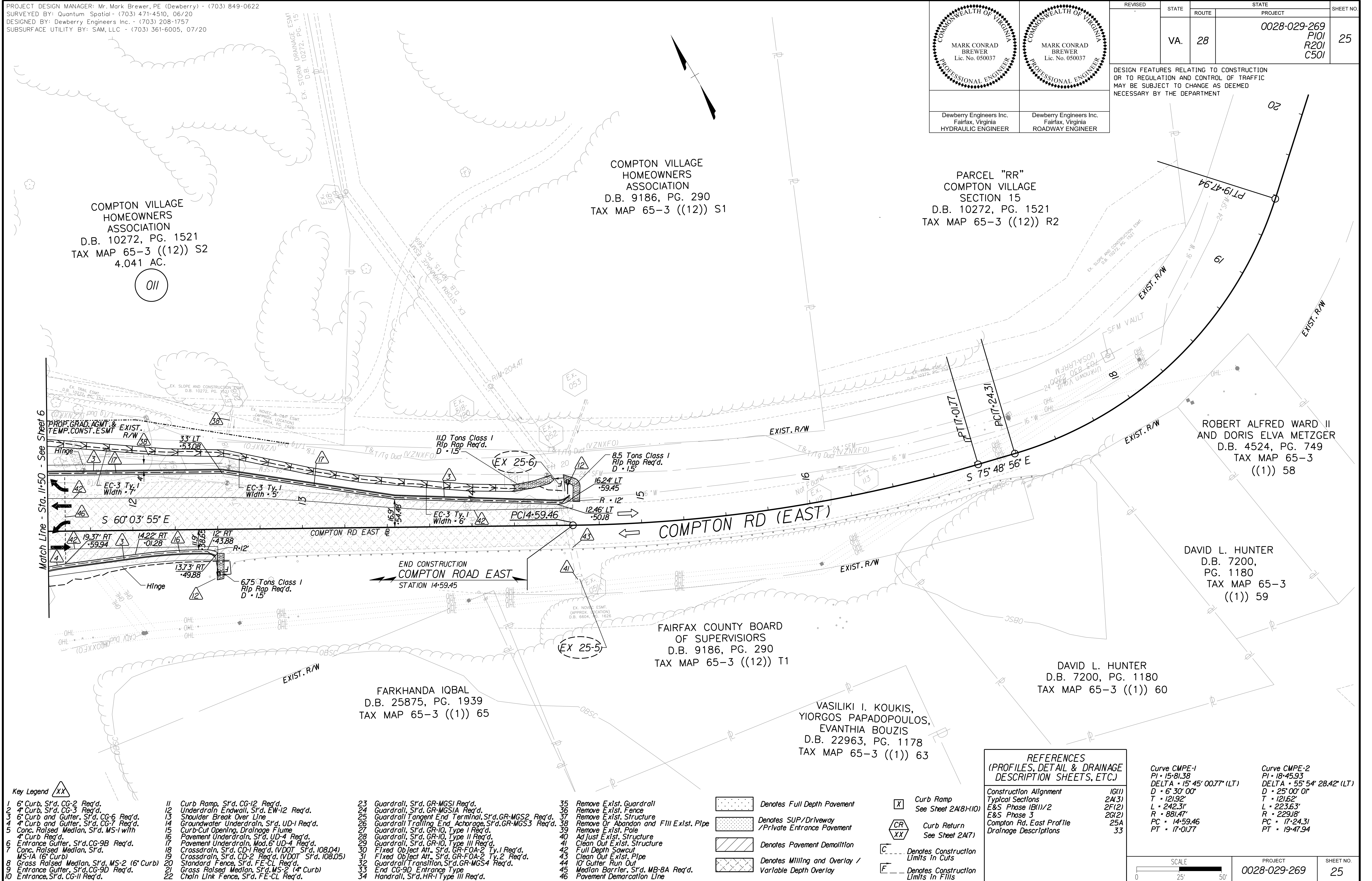


PROJECT DESIGN MANAGER: Mr. Mark Brewer, PE (Dewberry) - (703) 849-0622
 SURVEYED BY: Quantum Spatial - (703) 471-4510, 06/20
 DESIGNED BY: Dewberry Engineers Inc. - (703) 208-1757
 SUBSURFACE UTILITY BY: SAM, LLC - (703) 361-6005, 07/20

 MARK CONRAD BREWER Lic. No. 050037 PROFESSIONAL ENGINEER	 MARK CONRAD BREWER Lic. No. 050037 PROFESSIONAL ENGINEER

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	28		0028-029-269 P101 R201 C501	25

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



- 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-8A 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

- Denotes Construction Limits in Cuts
- Denotes Construction Limits in Fills

- CR Curb Ramp See Sheet 2A(8)-10)
- CR Curb Return See Sheet 2A(7)

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

Construction Alignment	IG(1)
Typical Sections	2A(3)
E&S Phase 1B(1)/2	2F(2)
E&S Phase 3	2G(2)
Compton Rd. East Profile	25A
Drainage Descriptions	33

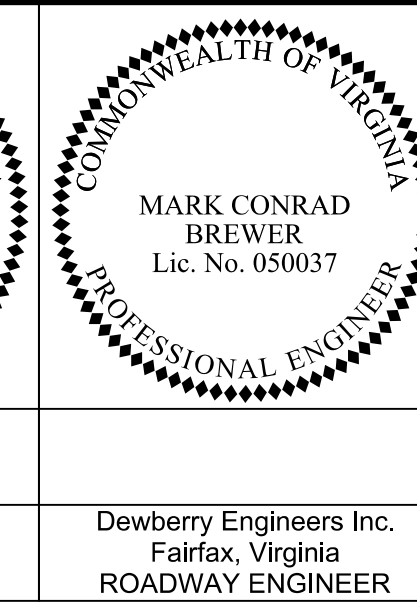
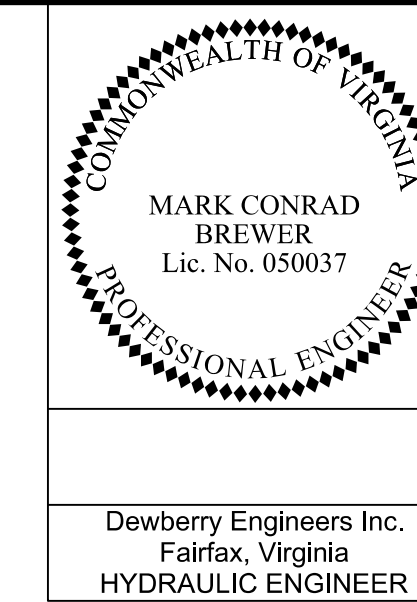
Curve CMPE-1	Curve CMPE-2
PI - 15+81.38	PI - 18+45.93
DELTA - 15° 45' 00.77" (LT)	DELTA - 55° 54' 28.42" (LT)
D - 6' 30' 00"	D - 25' 00' 00"
T - 121.92'	T - 121.62'
L - 242.31'	L - 223.63'
R - 881.47'	R - 229.18'
PC - 14+59.46	PC - 17+24.31
PT - 17+01.77	PT - 19+47.94

SCALE: 0 25' 50'

PROJECT	0028-029-269
SHEET NO.	25



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

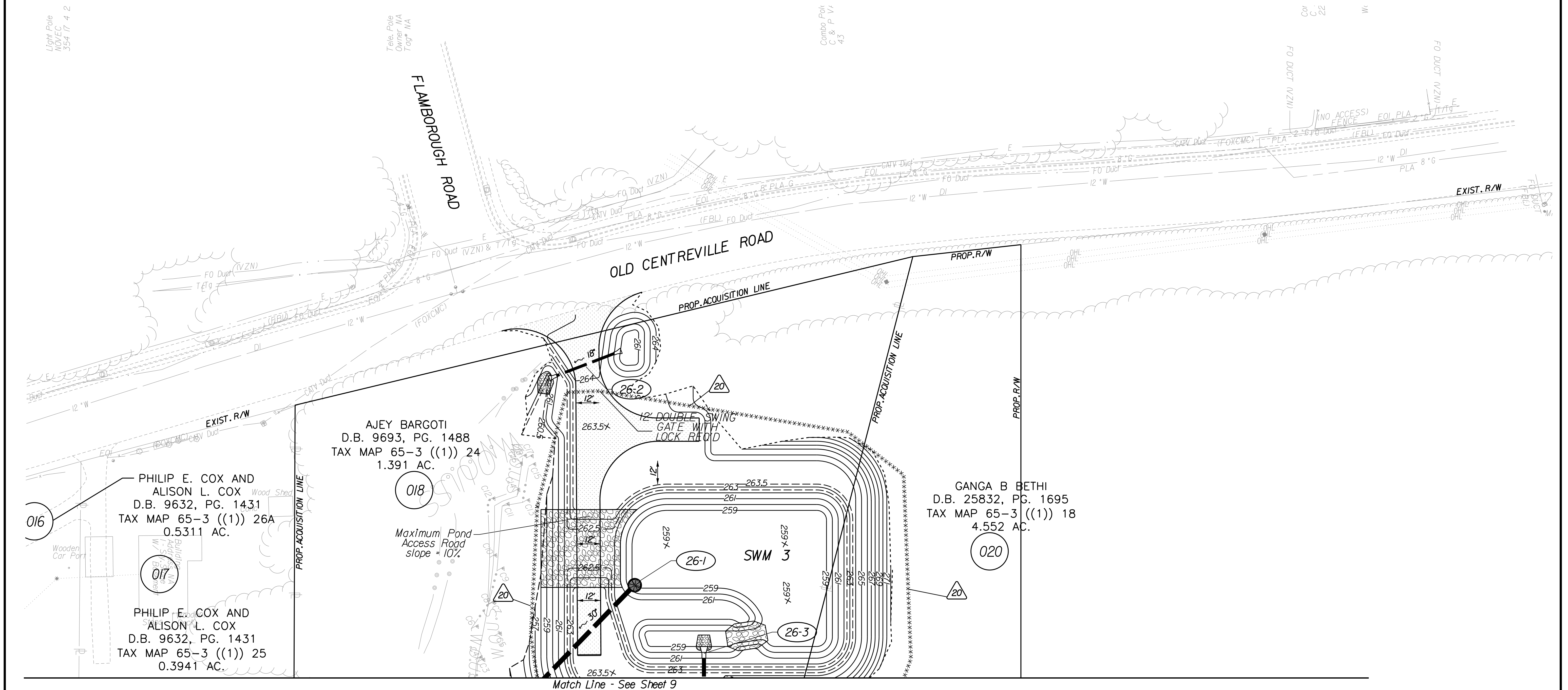


REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	28		0028-029-269 P101 R201 C501	26

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

Dewberry Engineers Inc.
Fairfax, Virginia
HYDRAULIC ENGINEER

Dewberry Engineers Inc.
Fairfax, Virginia
ROADWAY ENGINEER



Key Legend

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

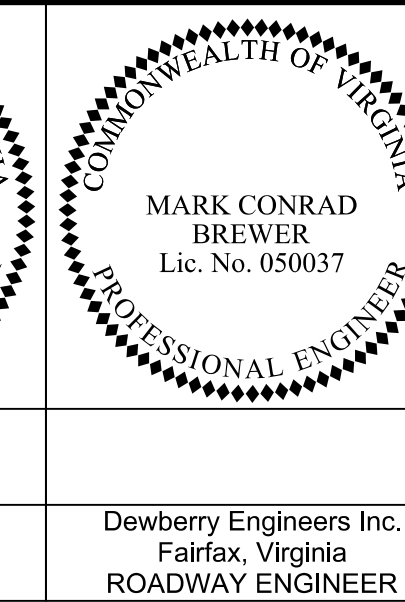
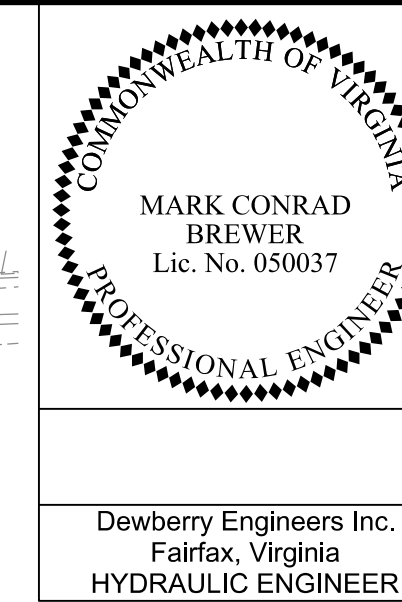
REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

Typical Sections	2A(6)
E&S Phase 1B(1)/2	2F(4)
E&S Phase 3	2G(4)
Drainage Descriptions	33

SCALE 0 25' 50'	PROJECT 0028-029-269	SHEET NO. 26
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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

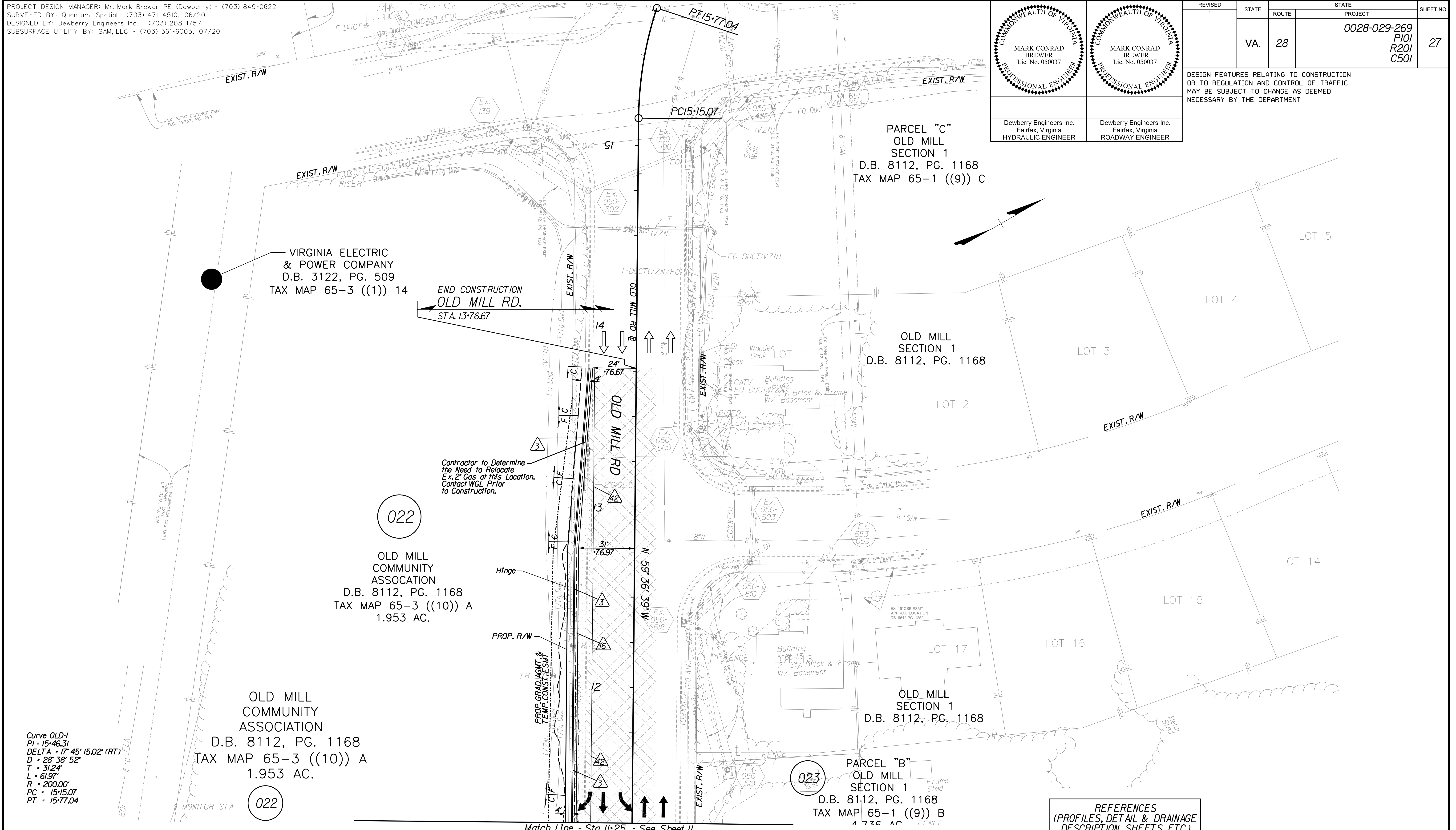


REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	28		0028-029-269 P101 R201 C501	27

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

Dewberry Engineers Inc.
Fairfax, Virginia
HYDRAULIC ENGINEER

Dewberry Engineers Inc.
Fairfax, Virginia
ROADWAY ENGINEER



Curve OLD-1
 PI = 15+46.31
 DELTA = 17° 45' 15.02" (RT)
 D = 28' 38" 52"
 T = 31.24'
 L = 61.97'
 R = 200.00'
 PC = 15+15.07
 PT = 15+77.04

- 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-Cut Opening, Drainage Flume
 - 16 Pavement Underdrain, S'd, UD-4 Req'd.
 - 17 Pavement Underdrain, Med. 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-MGSI Req'd.
 - 24 Guardrail, S'd, GR-MGSA 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 Adj. 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-8A 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
- Denotes Construction Limits in Cuts
- Denotes Construction Limits in Fills
- Curb Ramp See Sheet 2A(8)-10)
- Curb Return See Sheet 2A(7)
- Denotes Full Depth Sawcut
- Denotes Construction Limits in Cuts
- Denotes Construction Limits in Fills

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

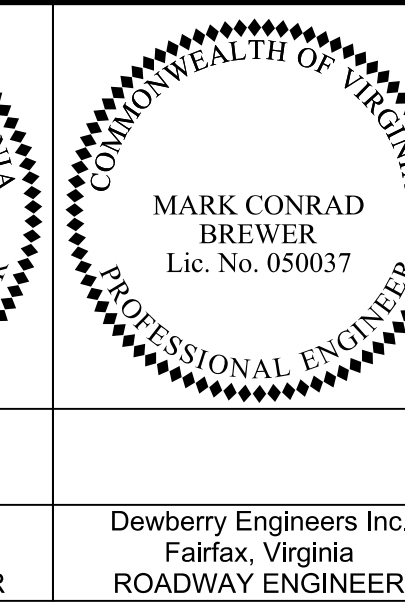
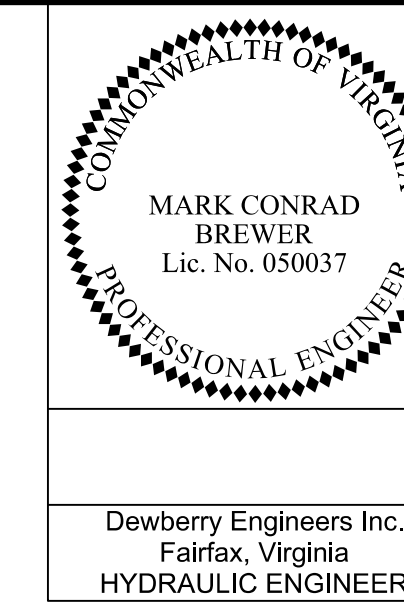
Construction Alignment	IG(3)
Typical Sections	2A(3)
E&S Phase 1B(1)/2	2F(5)
E&S Phase 3	2G(5)
Old Mill Rd. Profile	11B
Drainage Descriptions	33

SCALE 0 25' 50'

PROJECT	0028-029-269	SHEET NO.	27
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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

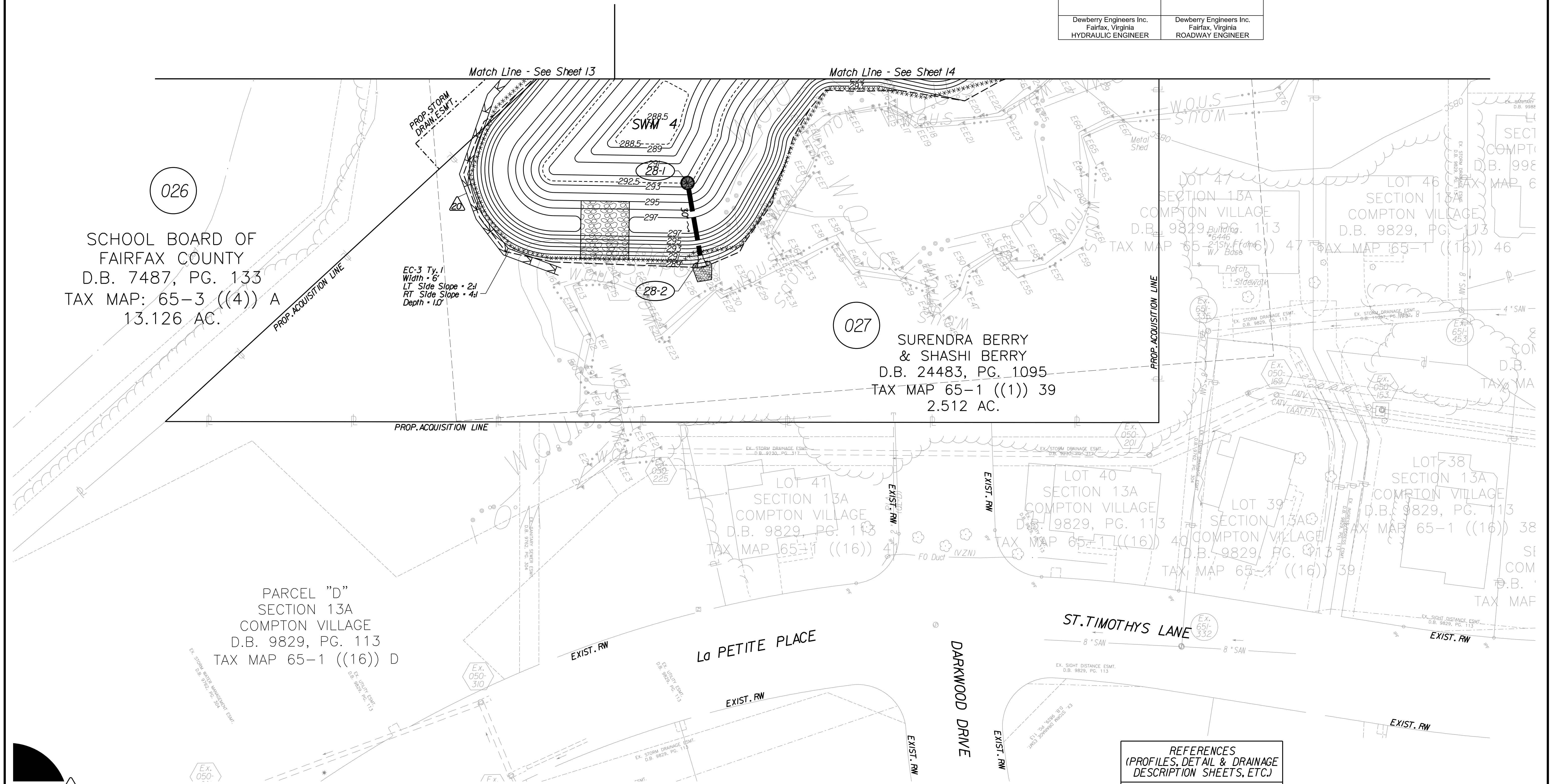


REVISED	STATE	ROUTE	STATE PROJECT	SHEET NO.
	VA.	28	0028-029-269 P101 R201 C501	28

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

Dewberry Engineers Inc.
Fairfax, Virginia
HYDRAULIC ENGINEER

Dewberry Engineers Inc.
Fairfax, Virginia
ROADWAY ENGINEER



Key Legend

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

E&S Phase 1B(1)/2	2F(6)
E&S Phase 3	2G(7)
Drainage Descriptions	33

SCALE 0 25' 50'	PROJECT 0028-029-269	SHEET NO. 28
--------------------	-------------------------	-----------------



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

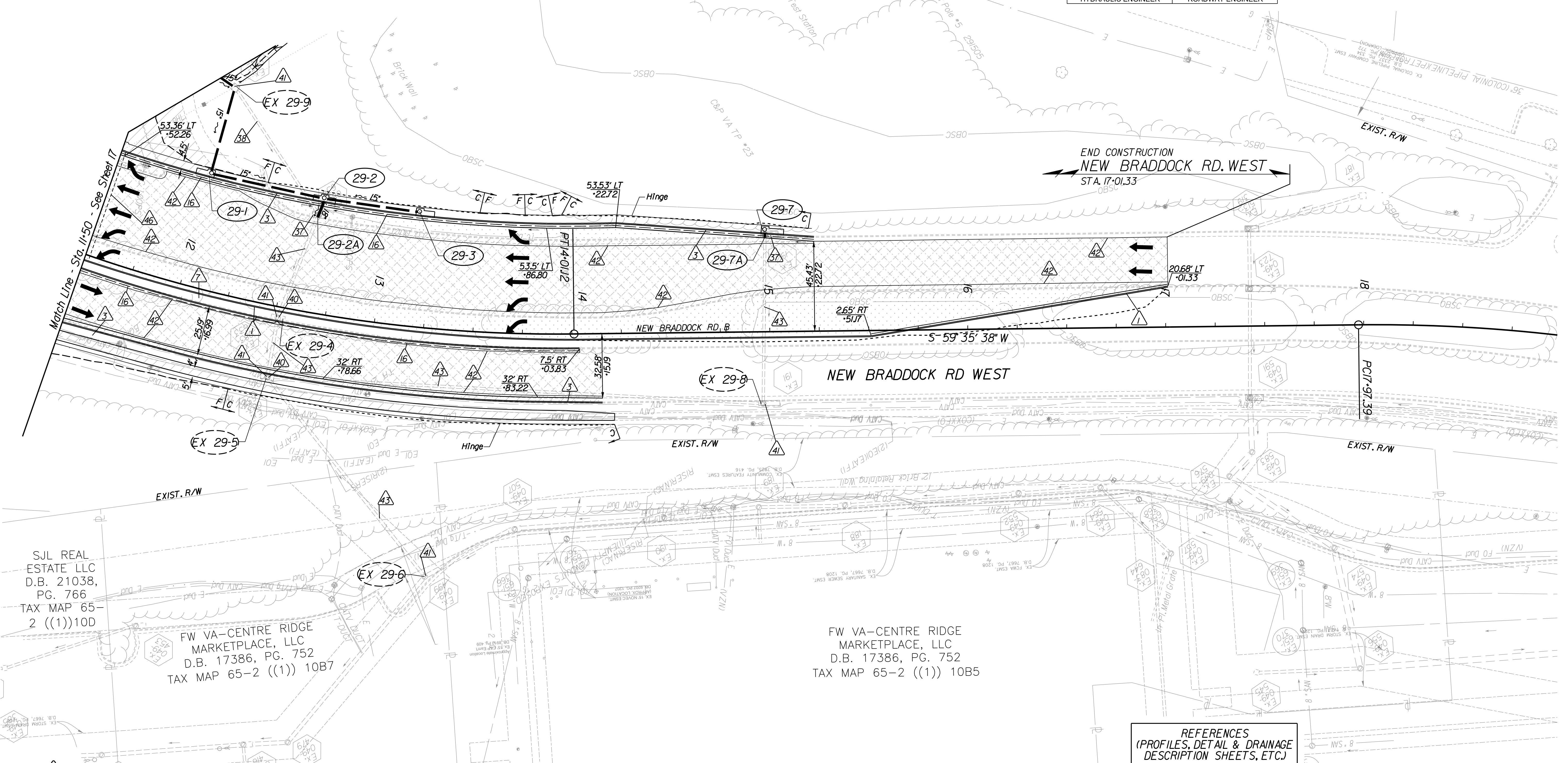
 MARK CONRAD BREWER Lic. No. 050037 PROFESSIONAL ENGINEER	 MARK CONRAD BREWER Lic. No. 050037 PROFESSIONAL ENGINEER
Dewberry Engineers Inc. Fairfax, Virginia HYDRAULIC ENGINEER	Dewberry Engineers Inc. Fairfax, Virginia ROADWAY ENGINEER

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	28		0028-029-269 P101 R201 C501	29

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

Curve NBW-1
 PI • 12-05.84
 DELTA • 31° 41' 58.80" (LT)
 D • 7' 54' 10"
 T • 205.84'
 L • 401J2'
 R • 725.00'
 PC • 10-00.00
 PT • 14-01J2

Curve NBW-2
 PI • 19-24.05
 DELTA • 17° 59' 36.47" (RT)
 D • 7' 09' 43"
 T • 126.66'
 L • 251.24'
 R • 800.00'
 PC • 17-97.39
 PT • 20-48.62



SJL REAL ESTATE LLC
 D.B. 21038,
 PG. 766
 TAX MAP 65-2 ((1))10D

FW VA-CENTRE RIDGE MARKETPLACE, LLC
 D.B. 17386, PG. 752
 TAX MAP 65-2 ((1)) 10B7

FW VA-CENTRE RIDGE MARKETPLACE, LLC
 D.B. 17386, PG. 752
 TAX MAP 65-2 ((1)) 10B5

Key Legend

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

- | | | | |
|--|--|--|--------------------------------------|
| | Denotes Full Depth Pavement | | Curb Ramp
See Sheet 2A(8)-10) |
| | Denotes SUP/Driveway /Private Entrance Pavement | | Curb Return
See Sheet 2A(7) |
| | Denotes Pavement Demolition | | Denotes Construction Limits in Cuts |
| | Denotes Milling and Overlay / Variable Depth Overlay | | Denotes Construction Limits in Fills |

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

Construction Alignment	IG(4)
Typical Sections	2A(5)
E&S Phase 1B(1)/2	2F(8)
E&S Phase 3	2G(8)
New Braddock Rd, West Profiles	29A
Drainage Descriptions	33

SCALE	PROJECT	SHEET NO.
0 25' 50'	0028-029-269	29



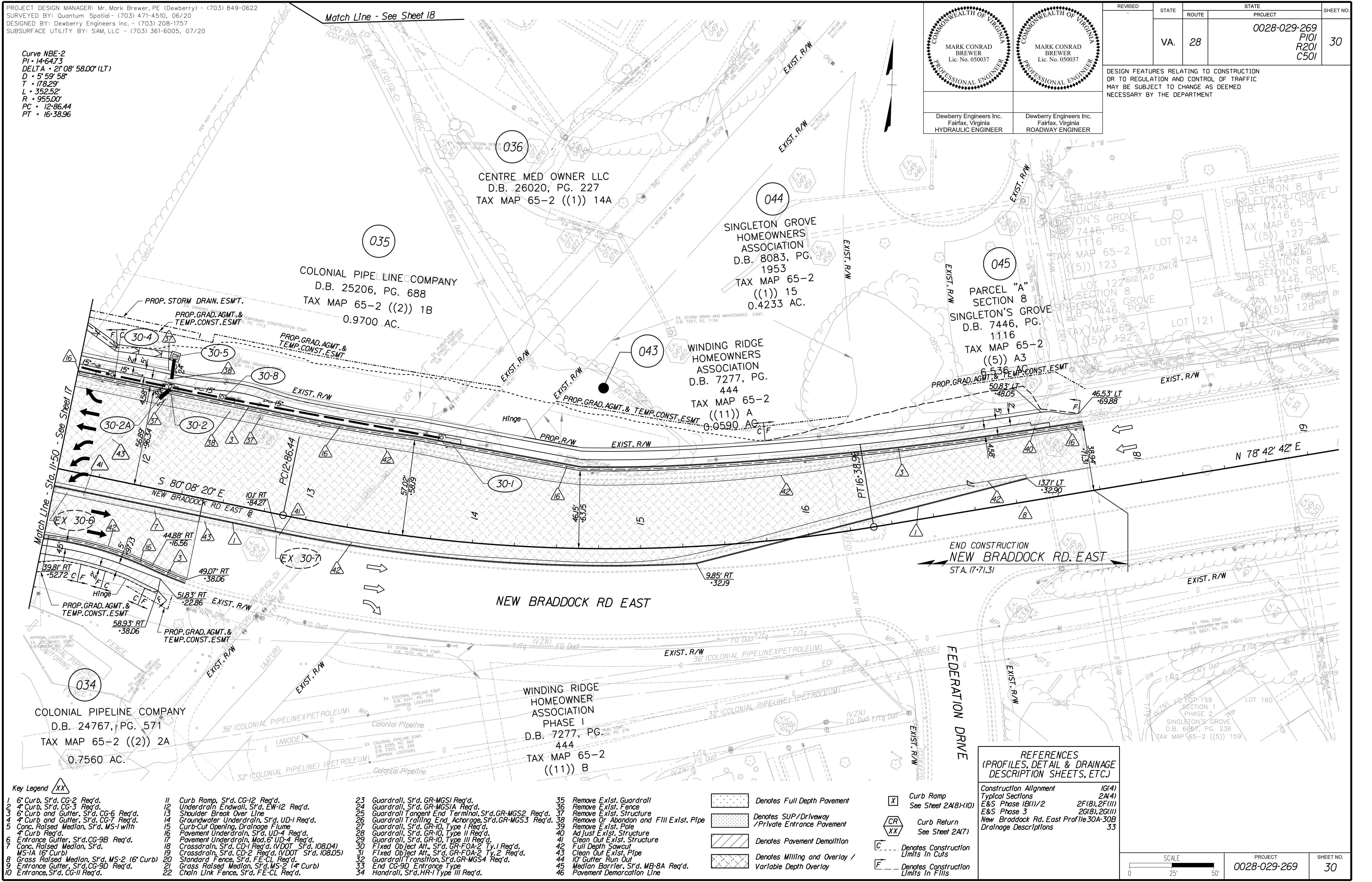
PROJECT DESIGN MANAGER: Mr. Mark Brewer, PE (Dewberry) - (703) 849-0622
SURVEYED BY: Quantum Spatial - (703) 471-4510, 06/20
DESIGNED BY: Dewberry Engineers Inc. - (703) 208-1757
SUBSURFACE UTILITY BY: SAM, LLC - (703) 361-6005, 07/20

Curve NBE-2
PI = 14+64.73
DELTA = 21° 08' 58.00" (LT)
D = 5' 59' 58"
T = 178.29'
L = 352.52'
R = 955.00'
PC = 12+86.44
PT = 16+38.96

 MARK CONRAD BREWER Lic. No. 050037 PROFESSIONAL ENGINEER	 MARK CONRAD BREWER Lic. No. 050037 PROFESSIONAL ENGINEER	REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
			VA.	28		0028-029-269	P101 R201 C501

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

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



- 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
 - 34 Handrail, S'd, HR-1 Type III Req'd.
 - 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-8A 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
- 34 Handrail, S'd, HR-1 Type III Req'd.

- 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-8A 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(4)
Typical Sections	2A(4)
E&S Phase 1B(1)/2	2F(8), 2F(11)
E&S Phase 3	2G(8), 2G(11)
New Braddock Rd, East Profile 30A-30B	
Drainage Descriptions	33

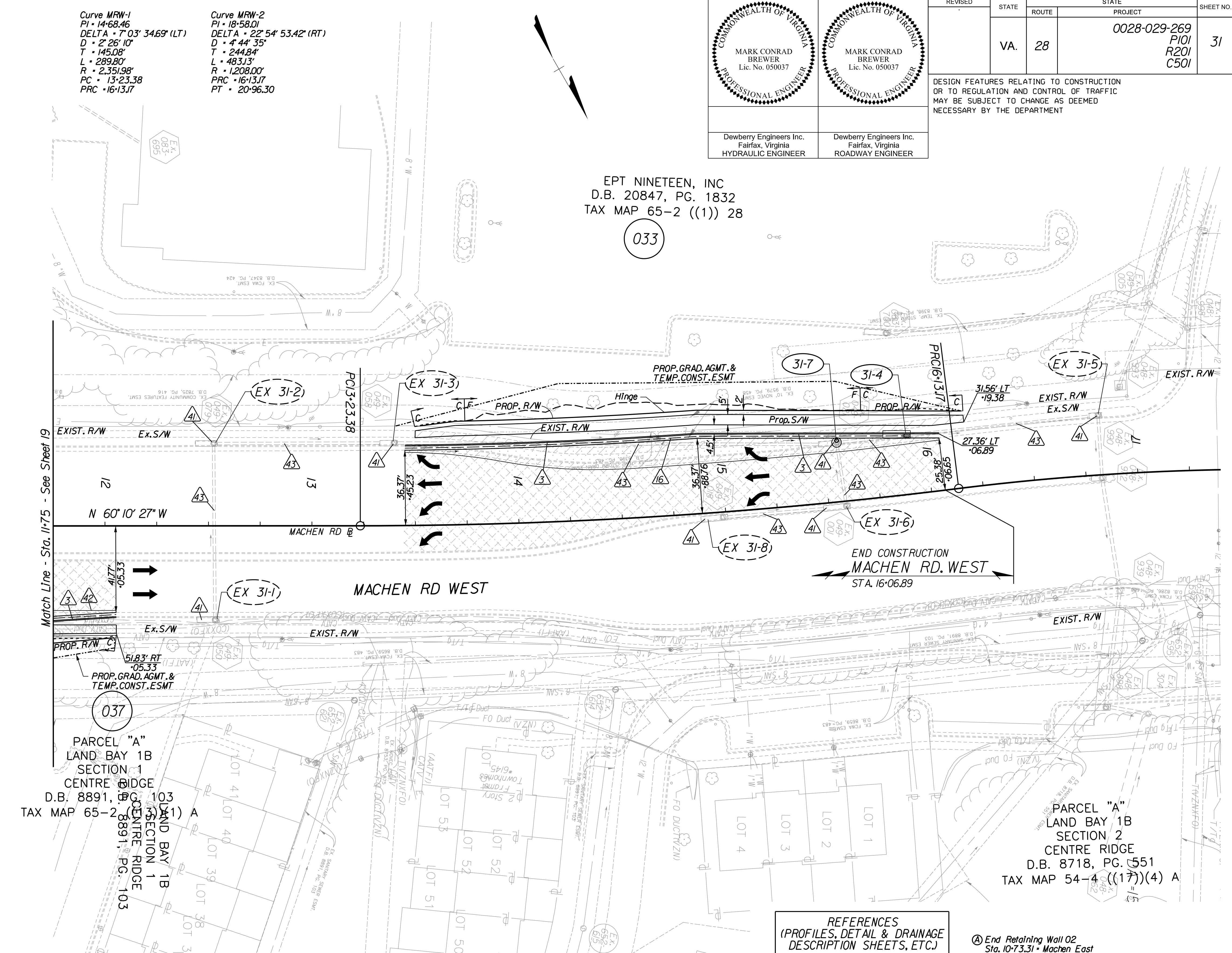
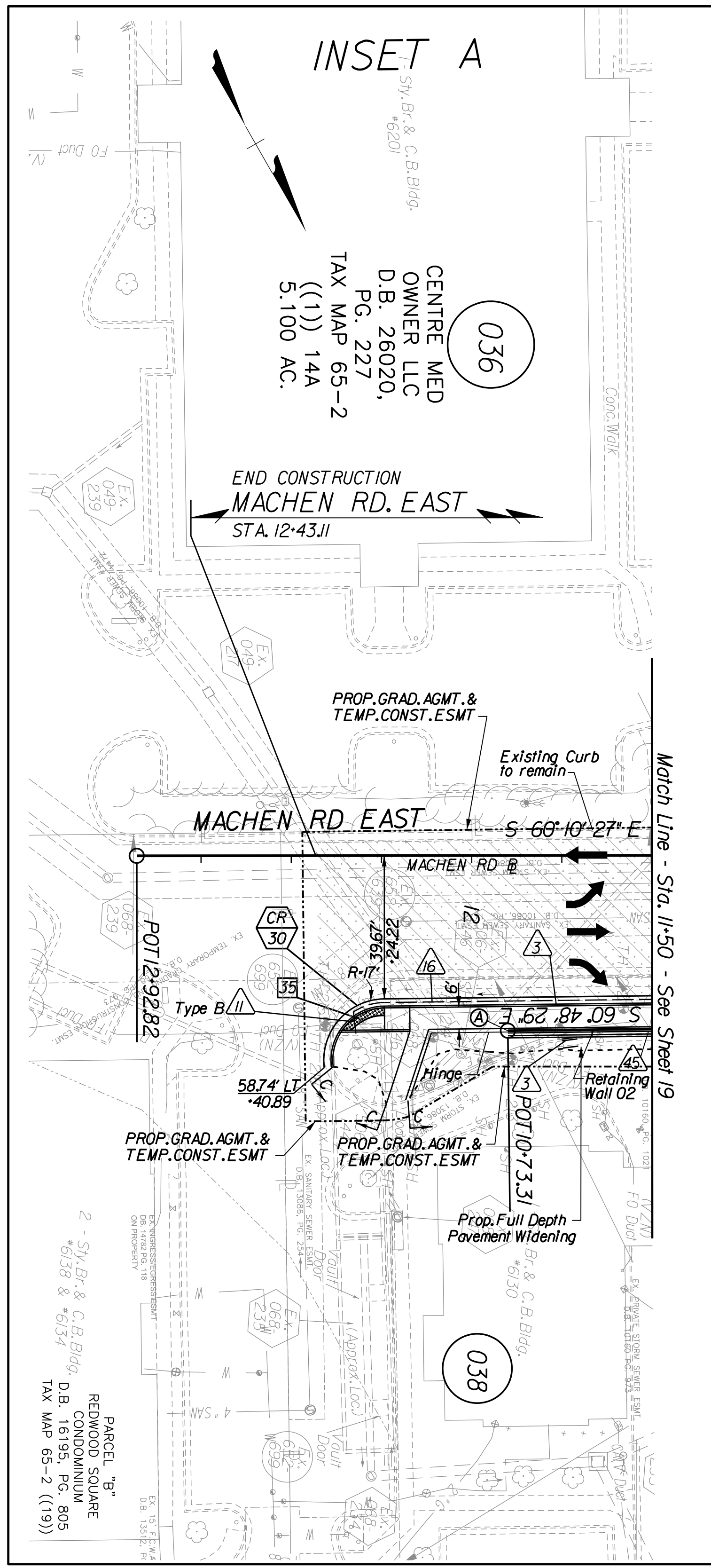


PROJECT DESIGN MANAGER: Mr. Mark Brewer, PE (Dewberry) - (703) 849-0622
SURVEYED BY: Quantum Spatial - (703) 471-4510, 06/20
DESIGNED BY: Dewberry Engineers Inc. - (703) 208-1757
SUBSURFACE UTILITY BY: SAM, LLC - (703) 361-6005, 07/20

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

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

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



Curve MRW-1
PI • 14+68.46
DELTA • 7° 03' 34.69" (LT)
D • 2' 26' 10"
T • 145.08'
L • 289.80'
R • 2.35198'
PC • 13+23.38
PRC • 16+13.17

Curve MRW-2
PI • 18+58.01
DELTA • 22° 54' 53.42" (RT)
D • 4' 44' 35"
T • 244.84'
L • 483.13'
R • 1.208.00'
PRC • 16+13.17
PT • 20+96.30

EPT NINETEEN, INC
D.B. 20847, PG. 1832
TAX MAP 65-2 ((1)) 28

PARCEL "A"
LAND BAY 1B
SECTION 1
CENTRE RIDGE
D.B. 8891, PG. 103
TAX MAP 65-2 ((1)) 103

PARCEL "A"
LAND BAY 1B
SECTION 2
CENTRE RIDGE
D.B. 8718, PG. 551
TAX MAP 54-4 ((17)) (4) A

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
- 34 Handrail, S'd, HR-1 Type III Req'd.
- 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-8A Req'd.
- 46 Pavement Demarcation Line

- 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
- 34 Handrail, S'd, HR-1 Type III Req'd.
- 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-8A 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(4)
Typical Sections	2A(5)
E&S Phase 1B(1)/2	2F(9)
E&S Phase 3	2G(9)
Machen Rd. East Profile	19C
Machen Rd. West Profile	31A
Drainage Descriptions	33
Retaining Wall Profile	41

(A) End Retaining Wall 02
Sta. 10+73.31 - Machen East
Sta. 11+90.00
N 6,987,040.0333
E 11,786,645.8084
(See Sheet 41 For Retaining Wall Profile and Details)