LIMITED ACCESS HIGHWAY By Resolution of Highway Commission dated Aug. 28, 1969

STATE	FEDERAL AID PROJECT	STATE ROUTE	STATE PROJECT	SHEET NO.
VA.	RSTP-5A27( ) SEE TABULATION BELOW FOR SECTION NUMBERS	10	(NFO) 0010-020-688 SEE TABULATION BELOW FOR SECTION NUMBERS	1

FHWA-534-DATA 43103

FOR INDEX OF SHEETS SEE SHEET 1B

THIS PROJECT WAS DEVELOPED UTILIZING THE DEPARTMENT'S ENGINEERING DESIGN PACKAGE (GEOPAK).
GEOPAK Computer Identification No. 104889

CHESTERFIELD CO. UTILITY PROJECT NO. 18-0011

DISTURBED AREA: 1.69 ACRES
PROJECT HUC: JA42
RECEIVING WATERS: SWIFT CREEK - THIRD BRANCH
PROJECT LOCATION: 37° 23' 13.12" N (37.38698° N)
77° 30' 56.51" W (77.5157° W)

DISTURBED AREA: 10.33 ACRES
PROJECT HUC: JL03
RECEIVING WATERS: JAMES RIVER - PROCTORS CREEK
PROJECT LOCATION: 37° 23' 13.12" N (37.38698° N)
77° 30' 56.51" W (77.5157° W)

CHESAPEAKE BAY PRESERVATION AREA COMPLIANCE

THIS PROJECT MEETS TECHNICAL CRITERIA PART IIB. WATER QUALITY REMOVAL REQUIREMENTS TO BE MET THROUGH THE PURCHASE OF OFFSITE NUTRIENT CREDITS FROM AN ACCEPTABLE CREDIT BANK. BASED ON WATER QUALITY CALCULATIONS SHOWN WITHIN THE SWM SECTION OF THE DRAINAGE COMPUTATIONS. THE TOTAL PHOSPHOROUS REMOVAL REQUIREMENT FOR THE PROJECT IS 9.65 LBS/YEARS (1.38 LBS FROM HUC JA42 AND 8.27 LBS FROM HUC JL03)

BANK: TBD
HUC CODE: 02080207

BANK: TBD
HUC CODE: 02080206

COMMONWEALTH OF VIRGINIA

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

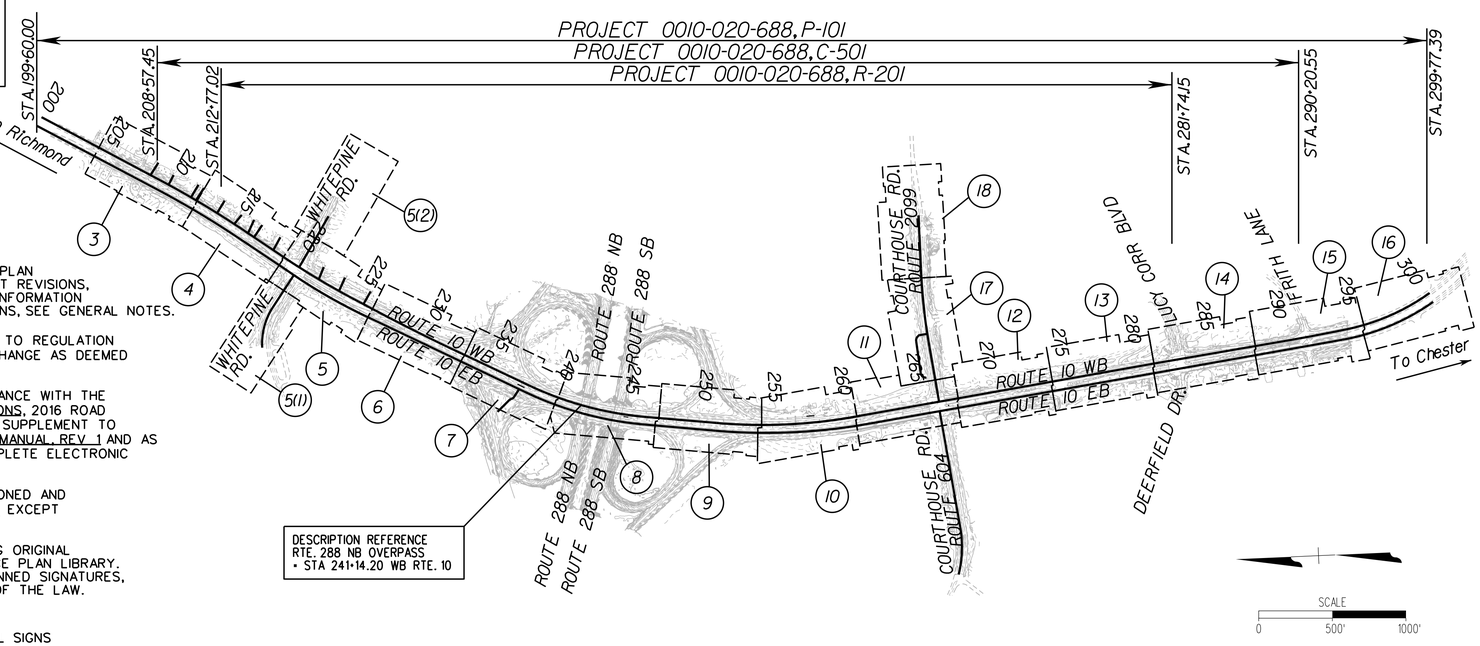
CHESTERFIELD COUNTY
ROUTE 10 (IRON BRIDGE RD.) WIDENING
FROM: 0.787 MILES NORTH OF ROUTE 288
TO: 1.110 MILES SOUTH OF ROUTE 288

FUNCTIONAL CLASSIFICATION AND TRAFFIC DATA

	ROUTE 10 (IRON BRIDGE RD.) URBAN PRINCIPAL ARTERIAL - DIVIDED - LEVEL		COURTHOUSE RD. (ROUTE 2099) URBAN COLLECTOR - LEVEL
	From: 0.787 Miles North of Route 288 To: Route 288	From: Route 288 To: 1.110 Miles South of Route 288	From: Route 10 To: Krause Road (Route 903)
ADT (2020) *	28,650	38,200	8,000
ADT (2042) *	44,300	59,000	12,350
DHV (2042)	4,130	5,390	1,415
D (%) (design hour)	57%	53%	71%
T (%) (design hour)	4%	4%	4%
V (MPH)	60	60/50**	50
GEOMETRIC STD.	GS-5	GS-5	GS-7

* Assumed 2% Growth Rate
** Design Speed South of Courthouse Road is 50 MPH
Note: Traffic Data is sourced from VDOT Traffic Data Publications

TIER 2 PROJECT



PROJECT MANAGER Steve Adams, CDOT, (804) 748-1037
SURVEYED BY, DATE Dewberry Engineers, Inc., 4/18
DESIGN BY Dewberry Engineers, Inc., (804) 290-7957
SUBSURFACE UTILITY BY, DATE Accumark, Inc., 6/18

THE COMPLETE ELECTRONIC PDF VERSION OF THE PLAN ASSEMBLY AS AWARDED, INCLUDING ALL SUBSEQUENT REVISIONS, WILL BE THE OFFICIAL CONSTRUCTION PLANS. FOR INFORMATION RELATIVE TO ELECTRONIC FILES AND LAYERED PLANS, SEE 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 THE DEPARTMENT'S 2016 ROAD AND BRIDGE SPECIFICATIONS, 2016 ROAD AND BRIDGE STANDARDS, 2009 MUTCD, 2011 VIRGINIA SUPPLEMENT TO THE MUTCD, 2011 VIRGINIA WORK AREA PROTECTION MANUAL, REV 1 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-5.11R, EXCEPT WHERE OTHERWISE NOTED.

THE ORIGINAL APPROVED TITLE SHEET(S), INCLUDING ORIGINAL SIGNATURES, IS 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.

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

POPULATION: CHESTERFIELD COUNTY 316,236 (2010 CENSUS)

STATE PROJECT NO.	SECTION	FEDERAL AID PROJECT NO.	TYPE CODE	UPC NO.	LENGTH INCLUDING BRIDGE(S) FEET	LENGTH INCLUDING BRIDGE(S) MILES	LENGTH EXCLUDING BRIDGE(S) FEET	LENGTH EXCLUDING BRIDGE(S) MILES	TYPE PROJECT	DESCRIPTION
0010-020-688	P-101	RSTP-5A27(546)		104889	10017.39	1.897	10017.39	1.897	Prelim. Engr.	FROM: 0.787 MILES NORTH OF ROUTE 288 TO: 1.110 MILES SOUTH OF ROUTE 288
	R-201			104889	6897.13	1.306	6897.13	1.306	Right of Way	
	C-501			104889	8163.10	1.546	8163.10	1.546	Construction	

NOTE: PROJECT LENGTH BASED ON ROUTE 10 WESTBOUND CONSTRUCTION BASELINE

LOCALLY ADMINISTERED PROJECTS

CHESTERFIELD COUNTY
NAME OF LOCALITY

JESSE SMITH
RECOMMENDED FOR APPROVAL FOR RIGHT OF WAY ACQUISITION
DATE — TRANSPORTATION DIRECTOR

JESSE SMITH
RECOMMENDED FOR APPROVAL FOR CONSTRUCTION
DATE — TRANSPORTATION DIRECTOR

RECOMMENDED FOR APPROVAL FOR RIGHT OF WAY ACQUISITION
DATE — INFRASTRUCTURE INVESTMENT DIRECTOR
DATE — STATE LOCATION AND DESIGN ENGINEER
DATE — CHIEF FINANCIAL OFFICER
DATE — CHIEF ENGINEER

APPROVED FOR RIGHT OF WAY ACQUISITION
DATE — CHIEF OF POLICY

RECOMMENDED FOR APPROVAL FOR CONSTRUCTION
DATE — INFRASTRUCTURE INVESTMENT DIRECTOR
DATE — STATE LOCATION AND DESIGN ENGINEER
DATE — STATE STRUCTURE AND BRIDGE ENGINEER
DATE — CHIEF FINANCIAL OFFICER

APPROVED FOR CONSTRUCTION
DATE — CHIEF ENGINEER

APPROVED
DATE — DIVISION ADMINISTRATOR, FEDERAL HIGHWAY ADMINISTRATION, U.S. DEPARTMENT OF TRANSPORTATION

Copyright 2018 , Commonwealth of Virginia

7/10/2019
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d1048890IAdgn
Plotted By: trydel

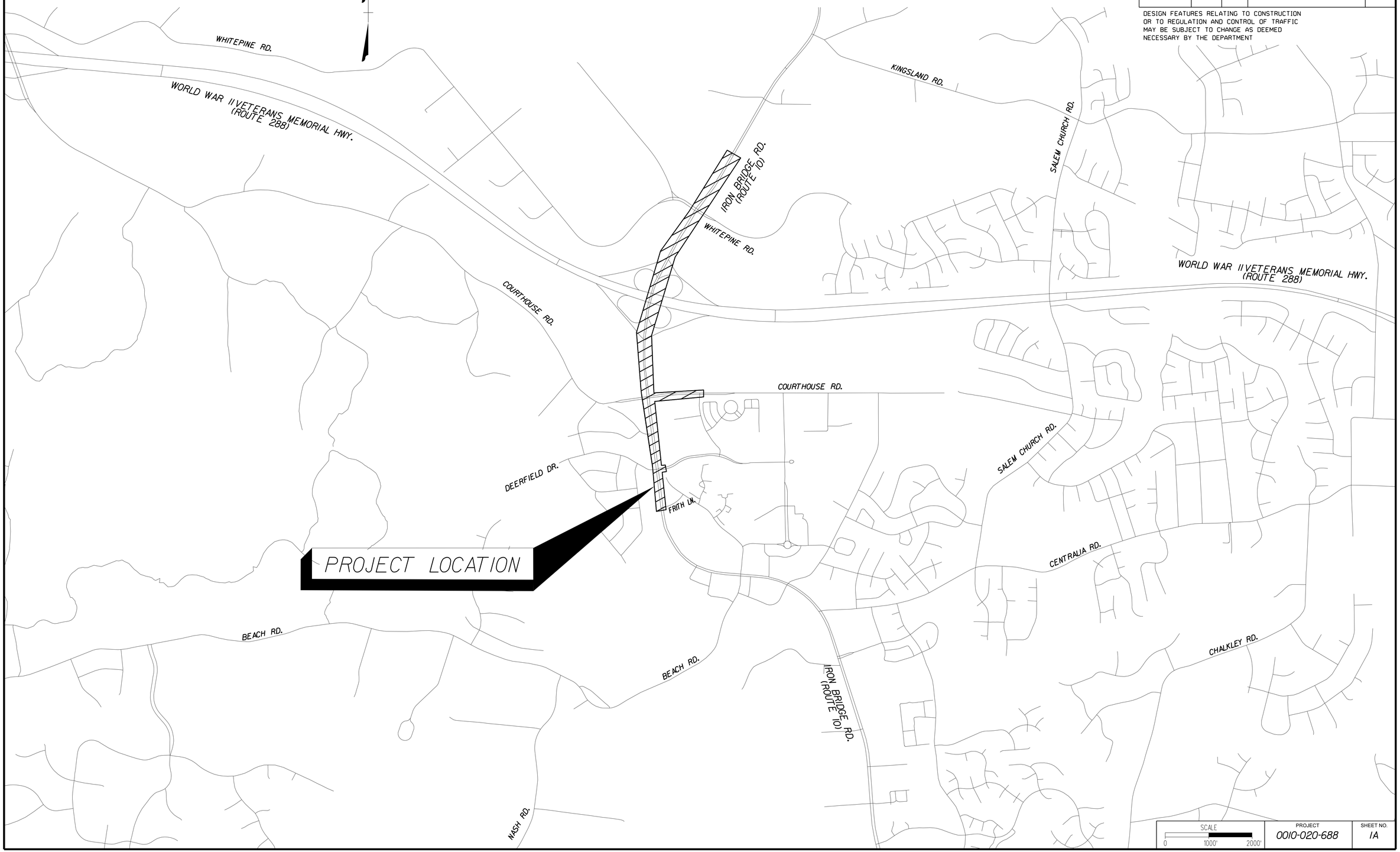
PROJECT MANAGER Steve Adams - Chesterfield County Transportation - (804)751-4661
SURVEYED BY, Dewberry Engineers Inc., 4/18
DESIGNED BY Dewberry Engineers Inc. - (804) 205-3340
SUBSURFACE UTILITY BY, Accumark, Inc., 6/18

LOCATION MAP

Chesterfield County

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	10	0010-020-688 R-201,C-501	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	PROJECT	SHEET NO.
0 1000' 2000'	0010-020-688	1A

PROJECT MANAGER Steve Adams - Chesterfield County Transportation - (804)751-4661
SURVEYED BY, Dewberry Engineers Inc., 4/18
DESIGNED BY Dewberry Engineers Inc. - (804) 205-3340
SUBSURFACE UTILITY BY, Accumark, Inc., 6/18

INDEX OF SHEETS

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	10	0010-020-688 R-201,C-501	1B

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

SHEET NO.	DESCRIPTION
1	TITLE SHEET
1A	LOCATION MAP
1B	INDEX OF SHEETS
1C	RIGHT OF WAY DATA SHEET
1D	REVISION DATA SHEET
1E	NOT USED
1F	SURVEY ALIGNMENT DATA SHEET
1G(1) thru 1G(4)	CONSTRUCTION ALIGNMENT DATA SHEET
1H	UNDERGROUND UTILITY TEST HOLE INFORMATION
1J	NOT USED
1K	TEMPORARY TRAFFIC CONTROL NARRATIVE
1K(1) thru 1K(8)	TEMPORARY TRAFFIC CONTROL STAGE 1
1L(1) thru 1L(8)	TEMPORARY TRAFFIC CONTROL STAGE 2
2	GENERAL NOTES
2A(1) thru 2A(4)	TYPICAL SECTIONS
2B(1) thru 2B(7)	STORMWATER MANAGEMENT
2C(1) thru 2C(5)	STORMWATER POLLUTION PREVENTION PLAN (SWPPP)
2D(1) thru 2D(8)	EROSION AND SEDIMENT CONTROL PHASE 1
2E(1) thru 2E(8)	EROSION AND SEDIMENT CONTROL PHASE 2
2F	ROADSIDE DEVELOPMENT SHEET
2G	NOT USED
2H(1) thru 2H(2)	PIER PROTECTION SYSTEM DETAIL SHEETS
3	GRADING,DRAINAGE AND PAVEMENT PLAN - WB Rte 10 Sta.2040+00 Thru Sta.211+50 - EB Rte 10 Sta.104+00 Thru Sta.111+50
3A	PROFILE - WB Rte 10 Sta.2040+00 Thru Sta.211+50 - EB Rte 10 Sta.104+00 Thru Sta.111+50
4	GRADING,DRAINAGE AND PAVEMENT PLAN - WB Rte 10 Sta.211+50 Thru Sta.218+50 - EB Rte 10 Sta.111+50 Thru Sta.118+50
4A	PROFILE - WB Rte 10 Sta.211+50 Thru Sta.218+50 - EB Rte 10 Sta.111+50 Thru Sta.118+50
4RW	RIGHT OF WAY PLAN - WB Rte 10 Sta.211+50 Thru Sta.218+50 - EB Rte 10 Sta.111+50 Thru Sta.118+50
5	GRADING,DRAINAGE AND PAVEMENT PLAN - WB Rte 10 Sta.218+50 Thru Sta.225+50 - EB Rte 10 Sta.118+50 Thru Sta.125+50
5A	PROFILE - WB Rte 10 Sta.218+50 Thru Sta.225+50 - EB Rte 10 Sta.118+50 Thru Sta.125+50
5RW	RIGHT OF WAY PLAN - WB Rte 10 Sta.218+50 Thru Sta.225+50 - EB Rte 10 Sta.118+50 Thru Sta.125+50
5(1)	GRADING,DRAINAGE AND PAVEMENT PLAN - Whitepine Road Sta.300+00 Thru Sta.304+25
5(2)	GRADING,DRAINAGE AND PAVEMENT PLAN - Whitepine Road Sta.402+25 Thru Sta.404+00
6	GRADING,DRAINAGE AND PAVEMENT PLAN - WB Rte 10 Sta.225+50 Thru Sta.232+50 - EB Rte 10 Sta.125+50 Thru Sta.132+50
6A	PROFILE - WB Rte 10 Sta.225+50 Thru Sta.232+50 - EB Rte 10 Sta.125+50 Thru Sta.132+50
7	GRADING,DRAINAGE AND PAVEMENT PLAN - WB Rte 10 Sta.232+50 Thru Sta.239+50 - EB Rte 10 Sta.132+50 Thru Sta.139+50
7A	PROFILE - WB Rte 10 Sta.232+50 Thru Sta.239+50 - EB Rte 10 Sta.132+50 Thru Sta.139+50
8	GRADING,DRAINAGE AND PAVEMENT PLAN - WB Rte 10 Sta.239+50 Thru Sta.246+50 - EB Rte 10 Sta.139+50 Thru Sta.146+50
8A	PROFILE - WB Rte 10 Sta.239+50 Thru Sta.246+50 - EB Rte 10 Sta.139+50 Thru Sta.146+50
9	GRADING,DRAINAGE AND PAVEMENT PLAN - WB Rte 10 Sta.246+50 Thru Sta.253+50 - EB Rte 10 Sta.146+50 Thru Sta.153+50
9A	PROFILE - WB Rte 10 Sta.246+50 Thru Sta.253+50 - EB Rte 10 Sta.146+50 Thru Sta.153+50
10	GRADING,DRAINAGE AND PAVEMENT PLAN - WB Rte 10 Sta.253+50 Thru Sta.260+00 - EB Rte 10 Sta.153+50 Thru Sta.160+25
10A	PROFILE - WB Rte 10 Sta.253+50 Thru Sta.260+00 - EB Rte 10 Sta.153+50 Thru Sta.160+25
11	GRADING,DRAINAGE AND PAVEMENT PLAN - WB Rte 10 Sta.260+00 Thru Sta.267+00 - EB Rte 10 Sta.160+25 Thru Sta.167+25
11A	PROFILE - WB Rte 10 Sta.260+00 Thru Sta.267+00 - EB Rte 10 Sta.160+25 Thru Sta.167+25
11RW	RIGHT OF WAY PLAN - WB Rte 10 Sta.260+00 Thru Sta.267+00 - EB Rte 10 Sta.160+25 Thru Sta.167+25
12	GRADING,DRAINAGE AND PAVEMENT PLAN - WB Rte 10 Sta.267+00 Thru Sta.273+75 - EB Rte 10 Sta.167+25 Thru Sta.173+75
12A	PROFILE - WB Rte 10 Sta.267+00 Thru Sta.273+75 - EB Rte 10 Sta.167+25 Thru Sta.173+75
12RW	RIGHT OF WAY PLAN - WB Rte 10 Sta.267+00 Thru Sta.273+75 - EB Rte 10 Sta.167+25 Thru Sta.173+75
13	GRADING,DRAINAGE AND PAVEMENT PLAN - WB Rte 10 Sta.273+75 Thru Sta.280+50 - EB Rte 10 Sta.173+75 Thru Sta.180+75
13A	PROFILE - WB Rte 10 Sta.273+75 Thru Sta.280+50 - EB Rte 10 Sta.173+75 Thru Sta.180+75
13RW	RIGHT OF WAY PLAN - WB Rte 10 Sta.273+75 Thru Sta.280+50 - EB Rte 10 Sta.173+75 Thru Sta.180+75
14	GRADING,DRAINAGE AND PAVEMENT PLAN - WB Rte 10 Sta.280+75 Thru Sta.287+50 - EB Rte 10 Sta.180+75 Thru Sta.187+75
14A	PROFILE - WB Rte 10 Sta.280+75 Thru Sta.287+50 - EB Rte 10 Sta.180+75 Thru Sta.187+75
14RW	RIGHT OF WAY PLAN - WB Rte 10 Sta.280+75 Thru Sta.287+50 - EB Rte 10 Sta.180+75 Thru Sta.187+75
15	GRADING,DRAINAGE AND PAVEMENT PLAN - WB Rte 10 Sta.287+50 to End - EB Rte 10 Sta.187+75 to End
15A	PROFILE - WB Rte 10 Sta.287+50 to End - EB Rte 10 Sta.187+75 to End
16	GRADING,DRAINAGE AND PAVEMENT PLAN - WB Rte 10 Sta.295+00 to 297+00 - EB Rte 10 Sta.195+25 to 197+50
17	GRADING,DRAINAGE AND PAVEMENT PLAN - Courthouse Road Sta.601+50 to 608+50
17A	PROFILE - Courthouse Road Sta.600+00 to 607+00
17RW	RIGHT OF WAY PLAN - Courthouse Road Sta.601+50 to 608+50
18	GRADING,DRAINAGE AND PAVEMENT PLAN - Courthouse Road Sta.608+50 to 612+75
18RW	RIGHT OF WAY PLAN - Courthouse Road Sta.608+50 to 612+75
19(1) thru 19(2)	ENTRANCE PROFILES
20(1) thru 20(4)	DRAINAGE DESCRIPTIONS
21(1) thru 21(9)	STORM SEWER PROFILES
22	DITCH TABULATIONS
23,23(1) thru 23(12)	SIGNING AND MARKING PLANS
24,24(1) thru 24(10)	TRAFFIC SIGNALIZATION PLANS

TOTAL CROSS SECTION SHEETS - 116 (SEE CROSS SECTION SHEET X-1 FOR INDEX OF SHEETS)

PROJECT MANAGER Steve Adams - Chesterfield County Transportation - (804)751-4661
SURVEYED BY, Dewberry Engineers Inc., 4/18
DESIGNED BY Dewberry Engineers Inc. - (804) 205-3340
SUBSURFACE UTILITY BY, Accumark, Inc., 6/18

RIGHT OF WAY DATA

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	10	0010-020-688 R-201,C-501	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: Chesterfield County,VA
UPC No.: 104889

Parcel No.	Landowner	GPIN	Sheet No.	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 in square feet (x,xxx).)								
				Total	Fee Taking	Prescriptive R/W	Fee Remainder	Easements				Proffers
								Permanent	Utility	Temporary	Temporary (Entrances)	
				Acres Or (Sq. Ft.)	Acres Or (Sq. Ft.)	Acres Or (Sq. Ft.)	Acres or (Sq. Ft.)	Acres or (Sq. Ft.)	Acres or (Sq. Ft.)	Acres or (Sq. Ft.)	Acres or (Sq. Ft.)	Yes / No
001	DONALD S.JERNIGAN		4	2.500			2.500			65	1,606	
002	THOMAS E. LACHNEY,JOHN F.DEAL,STEPHEN B.BEALS,TRUSTEES OF		4	2.520			2.520			758	1,148	
	CHESTERFIELD CHRISTIAN CENTER											
003	GOFF C. WAYNE		4,5	2.440			2.440			155	1,176	
004	SPENCER'S EXPRESS		5	2.500			2.500				2,040	
005	COUNTY OF CHESTERFIELD	7686669817	11,18,19	26.572			26.572	4,810				
006	COUNTY OF CHESTERFIELD	7706640099	11	44.310			44.310	1,266		7,581		
007	COUNTY OF CHESTERFIELD	7696654241,7706640099	11,12,13,14	22.840			22.840	4,280	21,383			
008	BRUCE R.SIMON,CONNIE W.SIMON		4	2.500			2.500				99	

PROJECT	SHEET NO.
0010-020-688	IC

PROJECT MANAGER Steve Adams - Chesterfield County Transportation - (804)751-4661
SURVEYED BY, Dewberry Engineers Inc., 4/18
DESIGNED BY Dewberry Engineers Inc. - (804) 205-3340
SUBSURFACE UTILITY BY, Accumark, Inc., 6/18

TYPICAL SECTIONS

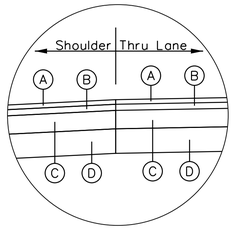
COMMONWEALTH OF VIRGINIA
MATTHEW C. THOMAS
Lic. No. 046511
PROFESSIONAL ENGINEER

Dewberry Engineers Inc.
Fairfax, Virginia
ROADWAY ENGINEER

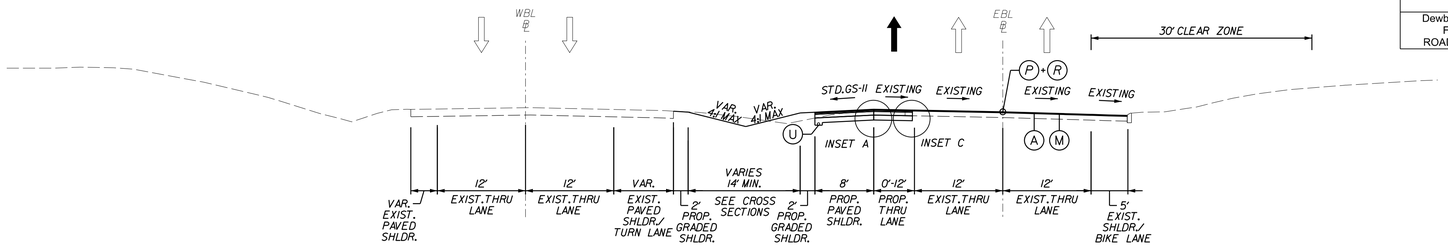
REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
.	VA.	10	0010-020-688 C-501	2A(1)

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

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION

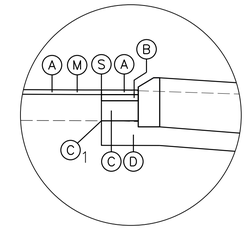


INSET A

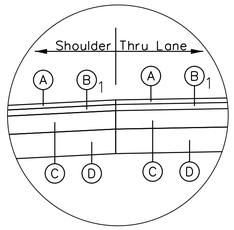


RTE 10 WIDENING

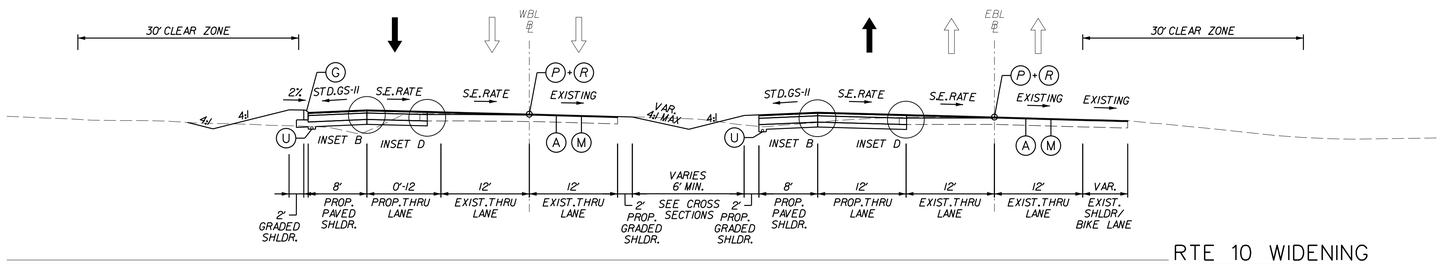
WB STA. 205+90.46 TO STA. 207+75.14 EB STA. 105+90.43 TO STA. 108+66.00



INSET E

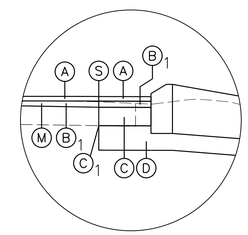


INSET B



RTE 10 WIDENING

WB STA. 207+75.14 TO STA. 215+79.23 EB STA. 108+66.00 TO STA. 115+72.82



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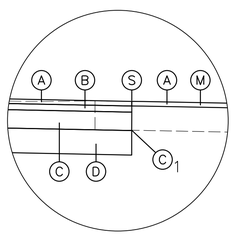

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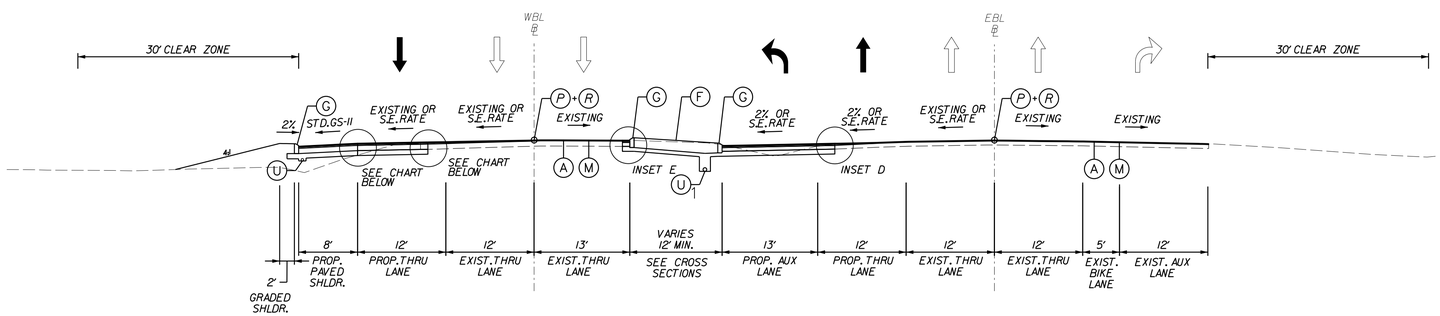
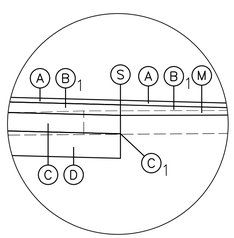


PAVEMENT SECTION - OUTSIDE WIDENING

STATION	INSET	CROSS SLOPE
STA. 215+79.23 TO STA. 217+00.00	INSETS B & D	S.E.RATE
STA. 217+00.00 TO STA. 218+98.00	INSETS A & C	EXISTING

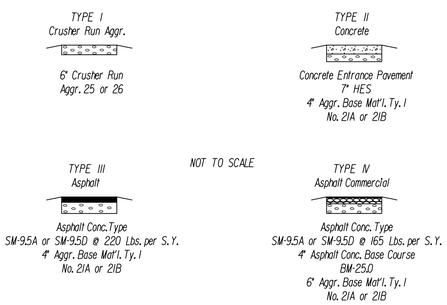
RTE 10 WIDENING

WB STA. 215+79.23 TO STA. 218+98.00 EB STA. 115+72.82 TO STA. 118+91.00



INSET D

PRIVATE AND COMMERCIAL ENTRANCES



The type of entrance (I, II, III, IV) to be constructed will be determined by the existing condition at the time of construction.

LEGEND

- (A) 1.5" Asphalt Concrete, SM-9.5D
- (B) 2.0" Asphalt Concrete, IM-19.0A
- (B)1 Variable Depth Asphalt Concrete (2" Min.), IM-19.0A
- (C) Variable Depth Asphalt Concrete (6" Min.), BM-25.0A
- (C)1 9.5" Min. Asphalt Concrete Depth or Equal to Depth of Existing Asphalt Concrete, Whichever is Greater
- (D) 8" Min. Aggregate Base Material, Type I, Size No. 21B or Equal to Depth of Exist. Aggregate, Whichever is Greater
- (D)1 4" Aggregate Base Material, Type I, Size No. 21B
- (E) 4" Hydraulic Cement Concrete, Class A3
- (F) Raised Grass Median, St'd. MS-2 Req'd.
- (F)1 Concrete Raised Median, St'd. MS-1 Req'd.
- (G) 4" Curb, St'd. CG-3 Req'd.
- (G)1 4" Curb and Gutter, St'd. CG-7 Req'd.
- (H) Guardrail, St'd. GR-MGSI Req'd.
- (H)1 Median Barrier, St'd. MB-3 Req'd.
- (M) Mill 1.5" of Existing Asphalt Concrete
- (P) Profile Grade Line
- (R) Point of Rotation
- (S) Full Depth Saw Cut, 1' From Existing Edge of Pavement
- (U) Underdrain, St'd. UD-4 (See Plans for Locations)
- (U)1 Underdrain, St'd. UD-2 (See Plans for Locations)

Note:
Reduced Outside Paved and Total Shoulder widths are designed in accordance with a design waiver approved on 04/08/2019

SCALE	PROJECT	SHEET NO.
0 10' 20'	0010-020-688	2A(1)

PROJECT MANAGER Steve Adams - Chesterfield County Transportation - (804)751-4661
SURVEYED BY, Dewberry Engineers Inc., 4/18
DESIGNED BY Dewberry Engineers Inc. - (804) 205-3340
SUBSURFACE UTILITY BY, Accumark, Inc., 6/18

TYPICAL SECTIONS

COMMONWEALTH OF VIRGINIA
MATTHEW C. THOMAS
Lic. No. 046511
PROFESSIONAL ENGINEER

Dewberry Engineers Inc.
Fairfax, Virginia
ROADWAY ENGINEER

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
.	VA.	10	0010-020-688 C-501	2A(2)

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

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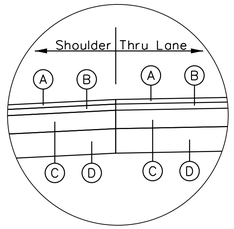
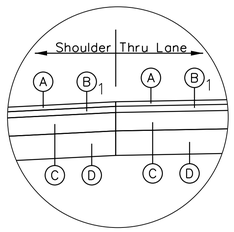
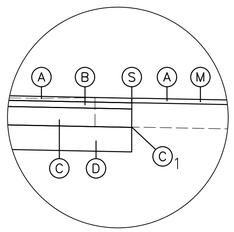


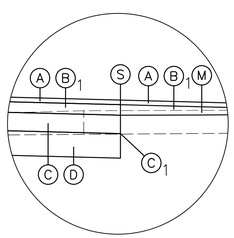
INSET A



INSET B



INSET C



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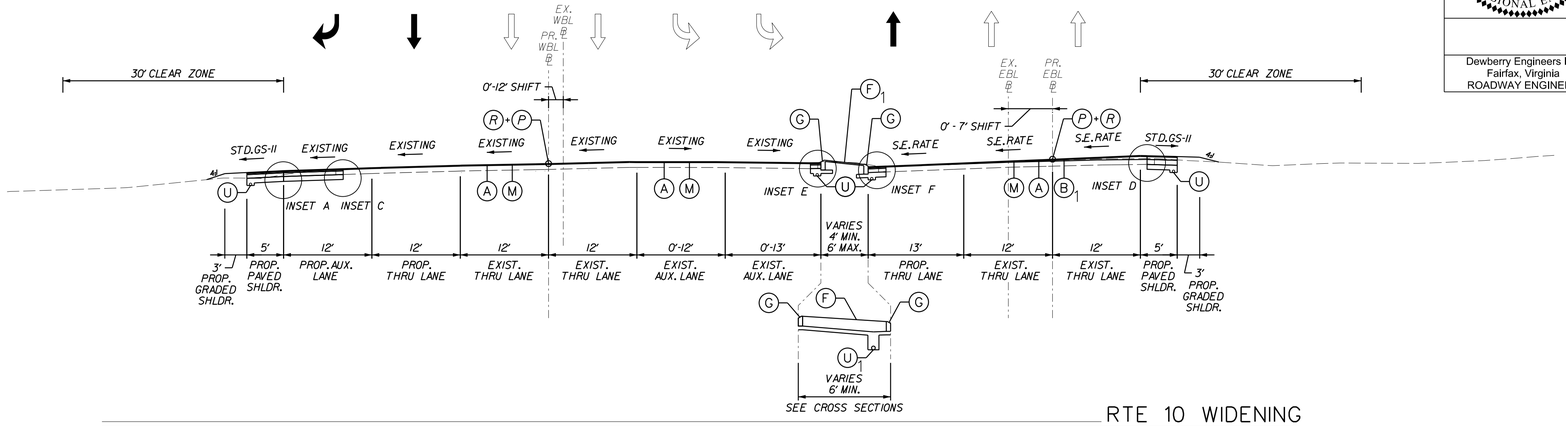
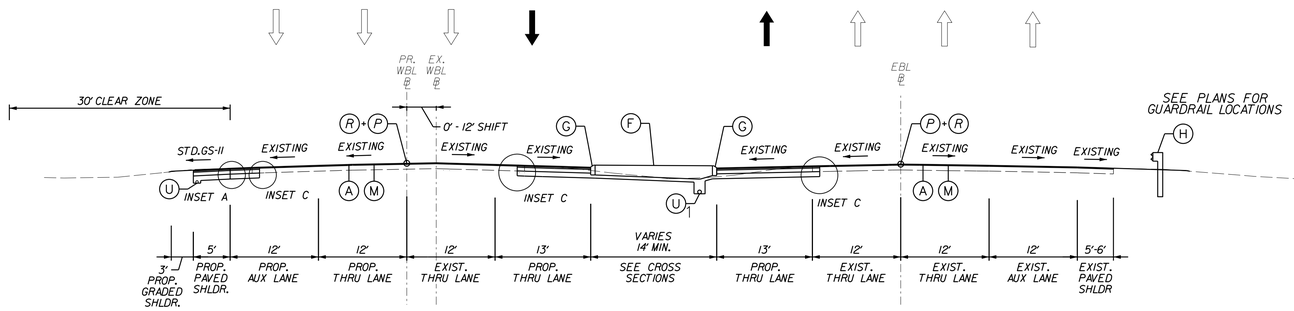


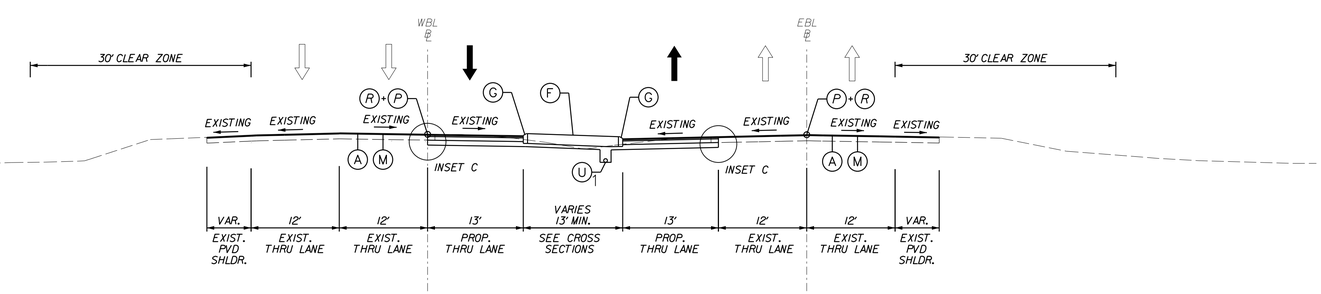
RTE 10 WIDENING

WB STA. 220+37.07 TO STA. 227+85.42 EB STA. 120+32.23 TO STA. 126+08.28



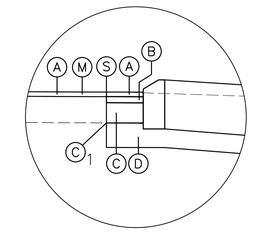
RTE 10 WIDENING

WB STA. 227+85.42 TO STA. 229+82.72 EB STA. 126+08.28 TO STA. 132+89.02

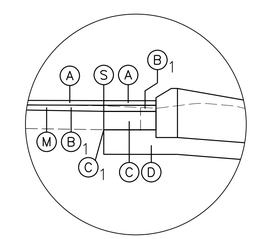


RTE 10 WIDENING

WB STA. 229+82.72 TO STA. 234+91.18 EB STA. 132+89.02 TO STA. 136+56.76



INSET E



INSET F

LEGEND

- (A) 1.5" Asphalt Concrete, SM-9.5D
- (B) 2.0" Asphalt Concrete, IM-19.0A
- (B)1 Variable Depth Asphalt Concrete (2" Min.), IM-19.0A
- (C) Variable Depth Asphalt Concrete (6" Min.), BM-25.0A
- (C)1 9.5" Min. Asphalt Concrete Depth or Equal to Depth of Existing Asphalt Concrete, Whichever is Greater
- (D) 8" Min. Aggregate Base Material, Type I, Size No. 21B or Equal to Depth of Exist. Aggregate, Whichever Is Greater
- (D)1 4" Aggregate Base Material, Type I, Size No. 21B
- (E) 4" Hydraulic Cement Concrete, Class A3
- (F) Raised Grass Median, St'd. MS-2 Req'd.
- (F)1 Concrete Raised Median, St'd. MS-1 Req'd.
- (G) 4" Curb, St'd. CG-3 Req'd.
- (G)1 4" Curb and Gutter, St'd. CG-7 Req'd.
- (H) Guardrail, St'd. GR-MGSI Req'd.
- (H)1 Median Barrier, St'd. MB-3 Req'd.
- (M) Mill 1.5" of Existing Asphalt Concrete
- (P) Profile Grade Line
- (R) Point of Rotation
- (S) Full Depth Saw Cut, 1' From Existing Edge of Pavement
- (U) Underdrain, St'd. UD-4 (See Plans for Locations)
- (U)1 Underdrain, St'd. UD-2 (See Plans for Locations)

Note:
Reduced Outside Paved and Total Shoulder widths are designed in accordance with a design waiver approved on 04/08/2019

SCALE	PROJECT	SHEET NO.
0 10' 20'	0010-020-688	2A(2)

PROJECT MANAGER Steve Adams - Chesterfield County Transportation - (804)751-4661
SURVEYED BY, Dewberry Engineers Inc., 4/18
DESIGNED BY Dewberry Engineers Inc. - (804) 205-3340
SUBSURFACE UTILITY BY, Accumark, Inc., 6/18

TYPICAL SECTIONS

COMMONWEALTH OF VIRGINIA
MATTHEW C. THOMAS
Lic. No. 046511
PROFESSIONAL ENGINEER

Dewberry Engineers Inc.
Fairfax, Virginia
ROADWAY ENGINEER

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
.	VA.	10	0010-020-688 C-501	2A(3)

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

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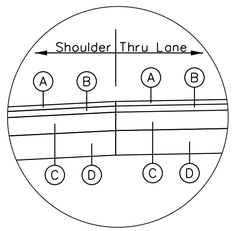
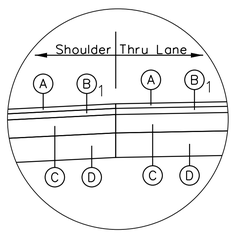
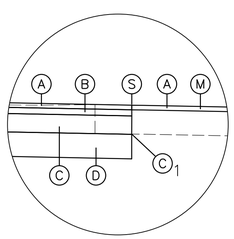


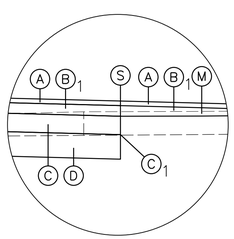
INSET A



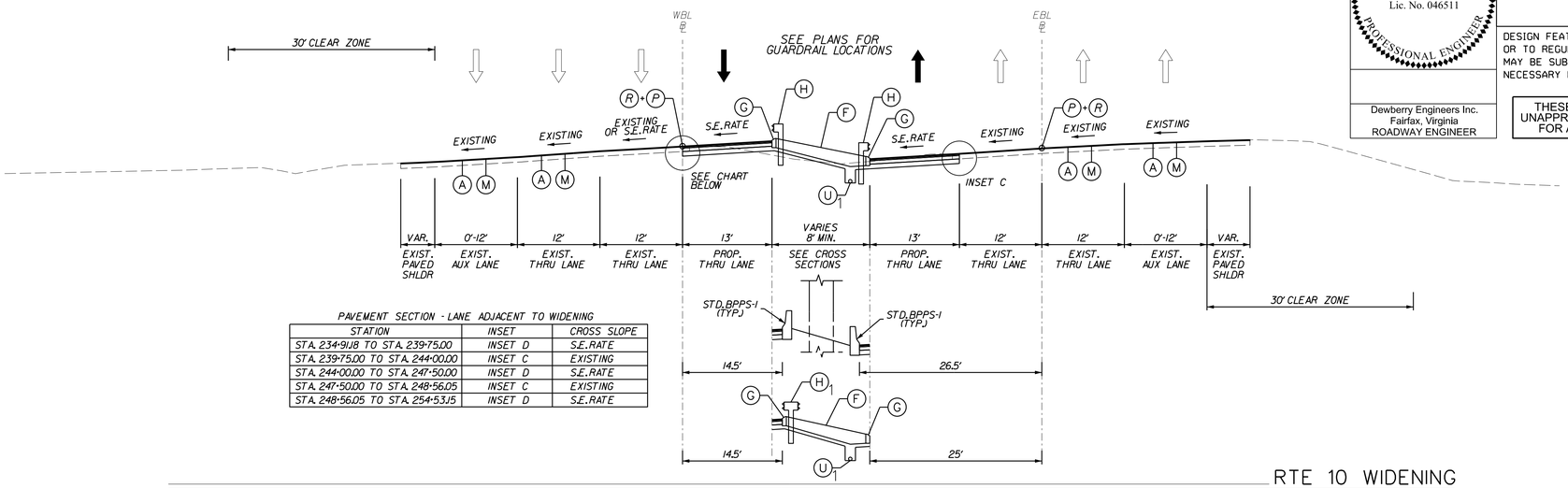
INSET B



INSET C



INSET D

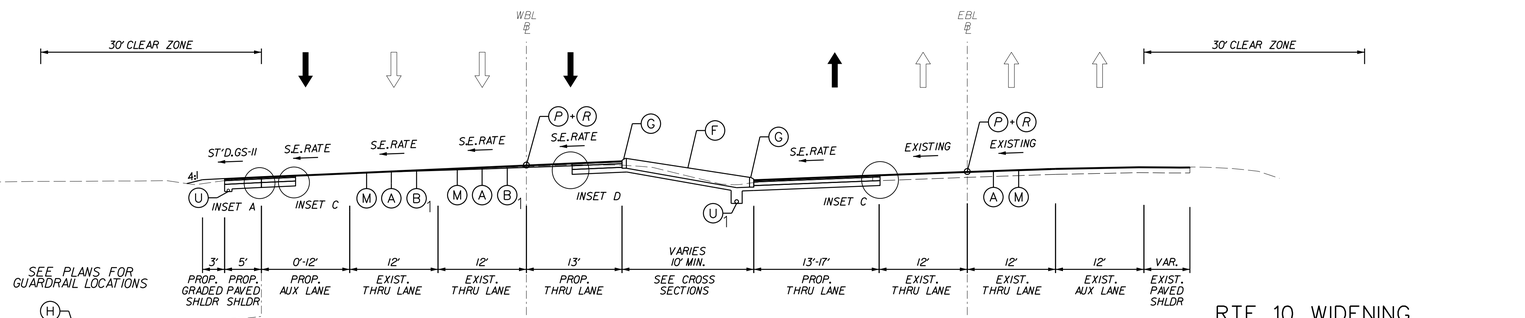


PAVEMENT SECTION - LANE ADJACENT TO WIDENING

STATION	INSET	CROSS SLOPE
STA. 234+91.18 TO STA. 239+75.00	INSET D	S.E.RATE
STA. 239+75.00 TO STA. 244+00.00	INSET C	EXISTING
STA. 244+00.00 TO STA. 247+50.00	INSET D	S.E.RATE
STA. 247+50.00 TO STA. 248+56.05	INSET C	EXISTING
STA. 248+56.05 TO STA. 254+53.15	INSET D	S.E.RATE

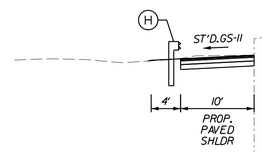
RTE 10 WIDENING

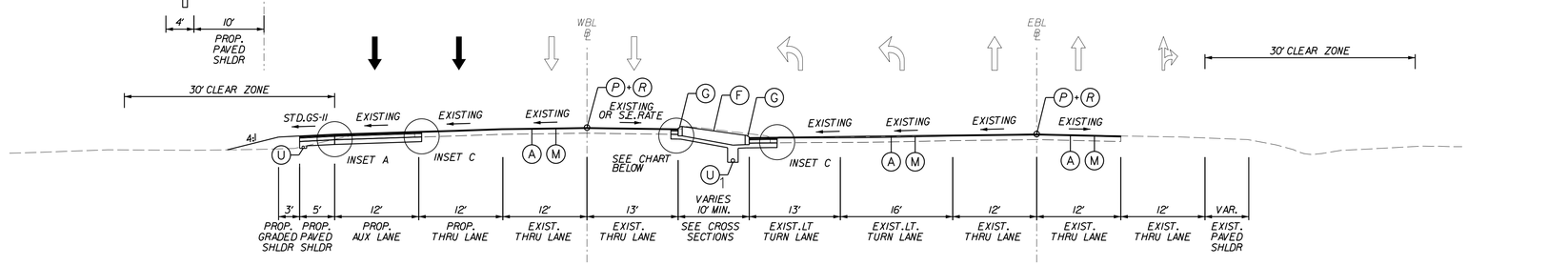
WB STA. 234+91.18 TO STA. 254+53.15 EB STA. 136+56.76 TO STA. 151+29.61



RTE 10 WIDENING

WB STA. 254+53.15 TO STA. 260+33.30 EB STA. 151+29.61 TO STA. 159+25.00



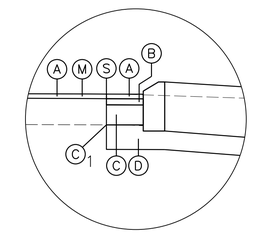


PAVEMENT SECTION - LANE ADJACENT TO WIDENING

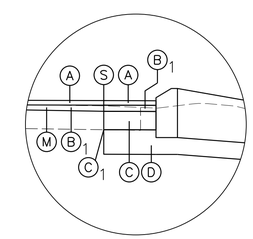
STATION	INSET	CROSS SLOPE
STA. 260+50.00 TO STA. 261+75.00	INSET F	S.E.RATE
STA. 261+75.00 TO STA. 264+75.00	INSET E	EXISTING

RTE 10 WIDENING

WB STA. 260+33.30 TO STA. 265+00.23 EB STA. 159+25.00 TO STA. 165+36.71



INSET E



INSET F

LEGEND

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- (B) 2.0" Asphalt Concrete, IM-19.0A
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- (D)1 4" Aggregate Base Material, Type I, Size No. 21B
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- (F)1 Concrete Raised Median, St'd. MS-1 Req'd.
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SCALE	PROJECT	SHEET NO.
0 10' 20'	0010-020-688	2A(3)

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TYPICAL SECTIONS

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ROADWAY ENGINEER

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
.	VA.	10	0010-020-688 C-501	2A(4)

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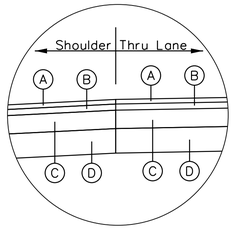
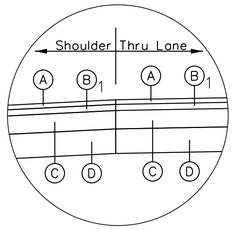
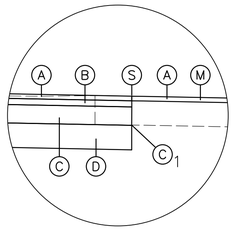


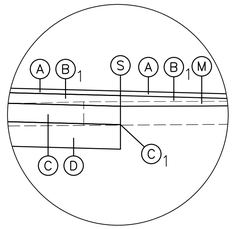
INSET A



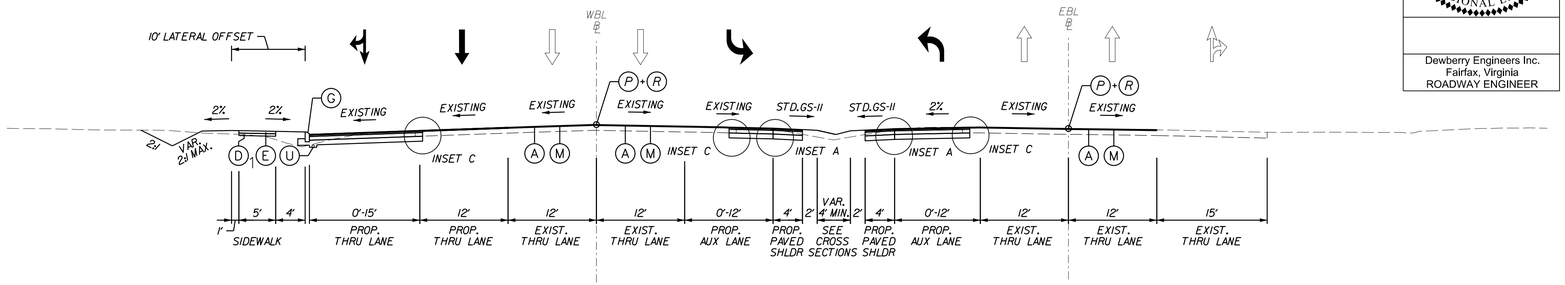
INSET B



INSET C

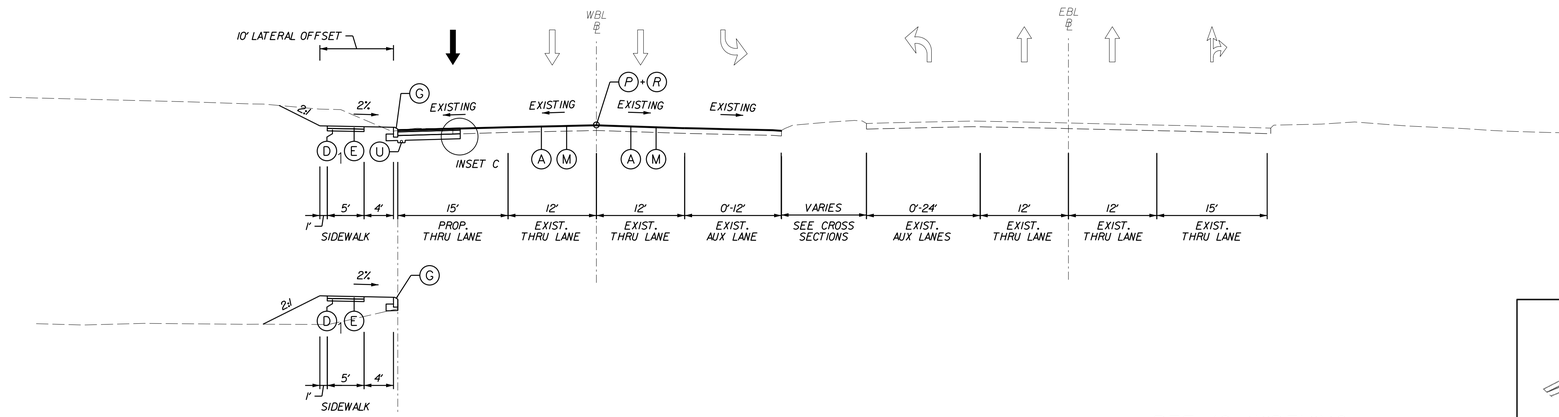


INSET D



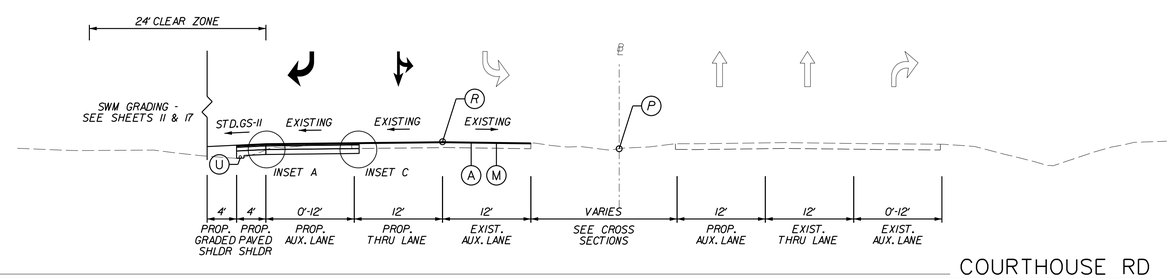
RTE 10 WIDENING

WB STA. 266+03.50 TO 273+62.25 EB STA. 166+39.98 TO 173+98.73



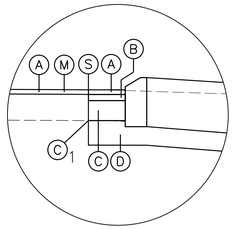
RTE 10 WIDENING

WB STA. 273+62.25 TO 290+20.54

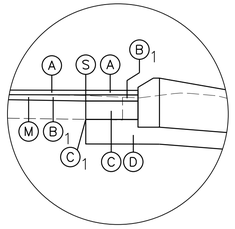


COURTHOUSE RD

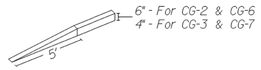
WB STA. 273+62.25 TO 290+20.54



INSET E



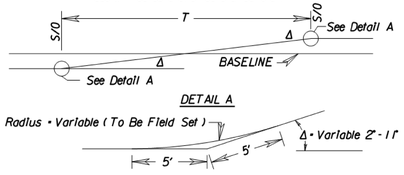
INSET F



CURB TRANSITION DETAIL FOR TERMINATION OF CONCRETE CURB

TYPICAL STRAIGHT - LINE TAPER LANE

(Use with Curbs and/or Curb & Gutters)



T - See plans for Length of T.

S/O - See plans for Stations and Offsets.

LEGEND

- (A) 1.5" Asphalt Concrete, SM-9.5D
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- (B)1 Variable Depth Asphalt Concrete (2" Min.), IM-19.0A
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- (U) Underdrain, St'd. UD-4 (See Plans for Locations)
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Note:
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0 10' 20'	0010-020-688	2A(4)

PROJECT MANAGER Steve Adams - Chesterfield County Transportation - (804)751-4661
SURVEYED BY, Dewberry Engineers Inc., 4/18
DESIGNED BY Dewberry Engineers Inc. - (804) 205-3340
SUBSURFACE UTILITY BY, Accumark, Inc., 6/18

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	10	0010-020-688 P-101,R-201,C-501	3

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

Chesterfield County Utility Project #18-0011

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION

Utility Owners

Water and Sewer:

Chesterfield County (CFC)
9901 Lori Road
Chesterfield, VA
John Evans
(804) 748-1345

Power:

Dominion Virginia Power (DOM)
701 E. Cary St.
Richmond, VA
Andrew Brooks
(804) 771-3655

Gas:

Columbia Gas (CGV)
1600 Dublin Road
Marble Cliff, OH
Damage Prevension Screening
(614) 481-1456

Columbia Pipeline Group (CGT)
(800) 835-7191

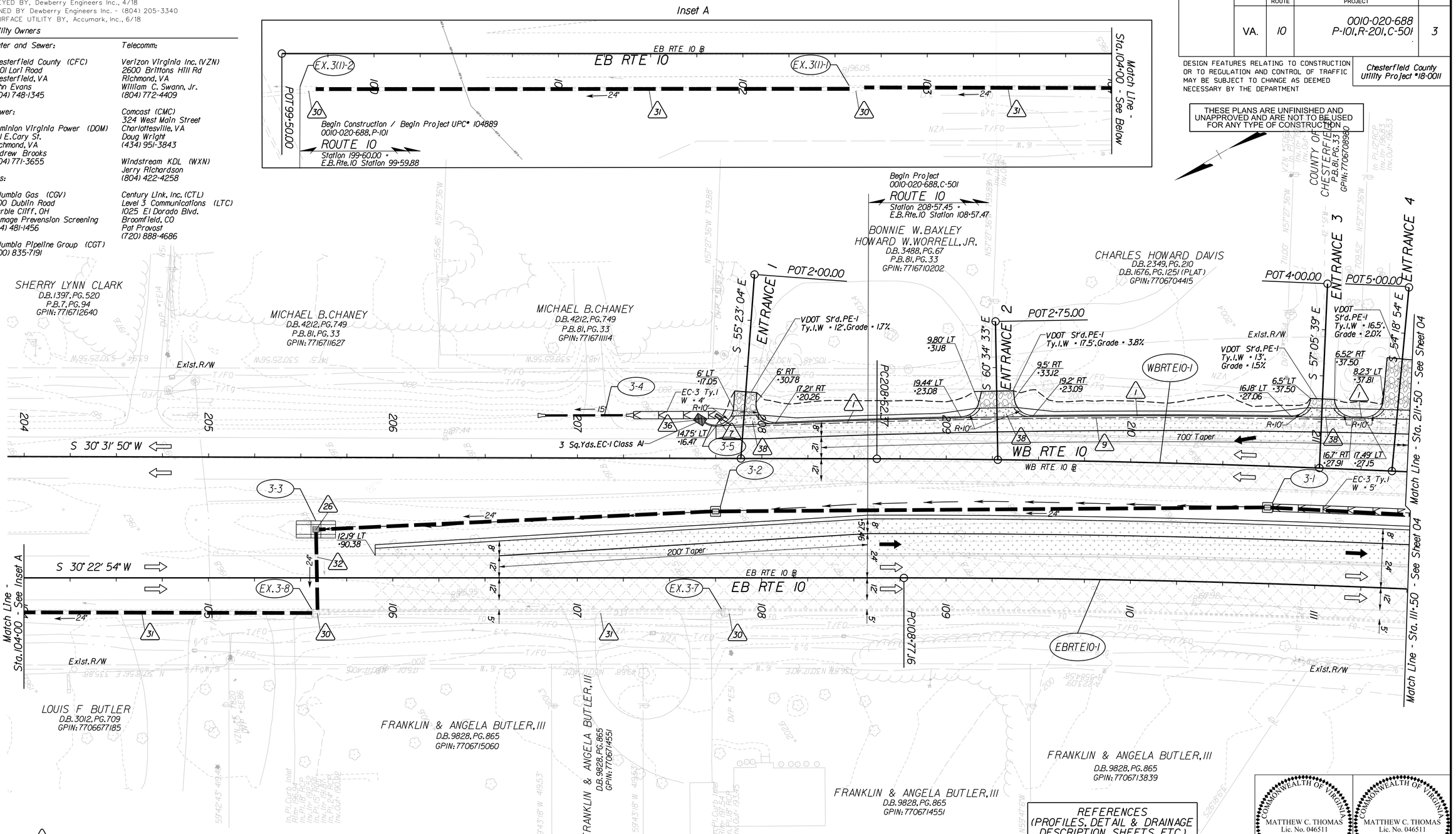
Telecomm:

Verizon Virginia Inc. (VZN)
2600 Brittons Hill Rd
Richmond, VA
William C. Swann, Jr.
(804) 772-4409

Comcast (CMC)
324 West Main Street
Charlottesville, VA
Doug Wright
(434) 951-3843

Windstream KDL (WXN)
Jerry Richardson
(804) 422-4258

Century Link, Inc. (CTL)
Level 3 Communications (LTC)
1025 El Dorado Blvd.
Broomfield, CO
Pat Provost
(720) 888-4686



Key Legend (XX)

1	4" Curb, Std. CG-3 Req'd.	13	Guardrail, Std. GR-MGS1 Req'd.	26	Remove Exist. Structure
2	4" Curb & Gutter, CG-7 Req'd.	14	Guardrail, Std. GR-MGS1A Req'd.	27	Remove Exist. Pipe
3	Curb Ramp, Std. CG-12 Type B Req'd.	15	Guardrail, Std. GR-10 Req'd.	28	Remove Exist. Pole
4	Conc. Raised Median, Std. MS-1 Req'd.	16	Guardrail Terminal, Std. GR-MGS2 Req'd.	29	Adjust Exist. Structure
5	Conc. Raised Median, Std. MS-1A Req'd.	17	Trailing End Terminal, Std. GR-MGS3 Req'd.	30	Clean Out Exist. Structure
6	Grass Raised Median, Std. MS-2 Req'd.	18	Guardrail Transition, Std. GR-MGS4 Req'd.	31	Clean Out Existing Pipe
7	Underdrain Endwall, Std. EW-12 Req'd.	19	Fixed Object Att., Std. GR-FOA-2 Ty. I Req'd.	32	Pipe To Be Removed
8	Median Underdrain, Std. UD-2 Req'd.	20	Fixed Object Att., Std. GR-FOA-2 Ty. II Req'd.	33	Pipe To Be Abandoned and Plugged
9	Pavement Underdrain, Std. UD-4 Req'd.	21	Conc. Median Barrier, Std. MB-7D Req'd.	34	Stone For Erosion Control, Std. EC-1 Class I Req'd.
10	Crossdrain, Std. CD-1 Req'd.	22	Conc. Median Barrier, Std. MB-7F Req'd.	35	Stone For Erosion Control, Std. EC-1 Class II Req'd.
11	Crossdrain, Std. CD-2 Req'd.	23	Bridge Pier Protection, BPPS-1 Req'd.	36	Stone For Erosion Control, Std. EC-1 Class AI Req'd.
12	VDOT Fence, Std. FE-CL Req'd.	24	Remove Exist. Guardrail	37	Std. EC-3 Type B Outlet Protection Req'd.
		25	Remove Exist. Fence	38	Curb & Gutter, Std. CG-9D Req'd.

Denotes Full Depth Pavement

Denotes Pavement Demolition

Denotes Pavement Overlay

Denotes Milling and Overlay

Denotes Concrete

C ____ Denotes Construction Limits In Cuts

F __ __ Denotes Construction Limits In Fills

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

Alignment Data	1G
Erosion & Sediment Control Phase 1	2D
Erosion & Sediment Control Phase 2	2E
Entrance Profiles	19
Drainage Descriptions	20
Ditch Tabulations	22
Route 10 Profiles	3A

COMMONWEALTH OF VIRGINIA
MATTHEW C. THOMAS
Lic. No. 046511
PROFESSIONAL ENGINEER

Dewberry Engineers Inc.
Glen Allen, Virginia
HYDRAULIC ENGINEER

Dewberry Engineers Inc.
Glen Allen, Virginia
ROADWAY ENGINEER

SCALE 0 25' 50'

PROJECT	SHEET NO.
0064-965-229	3

PROJECT MANAGER Steve Adams - Chesterfield County Transportation - (804)751-4661
SURVEYED BY, Dewberry Engineers Inc., 4/18
DESIGNED BY Dewberry Engineers Inc. - (804) 205-3340
SUBSURFACE UTILITY BY, Accumark, Inc., 6/18

ROUTE 10 WESTBOUND

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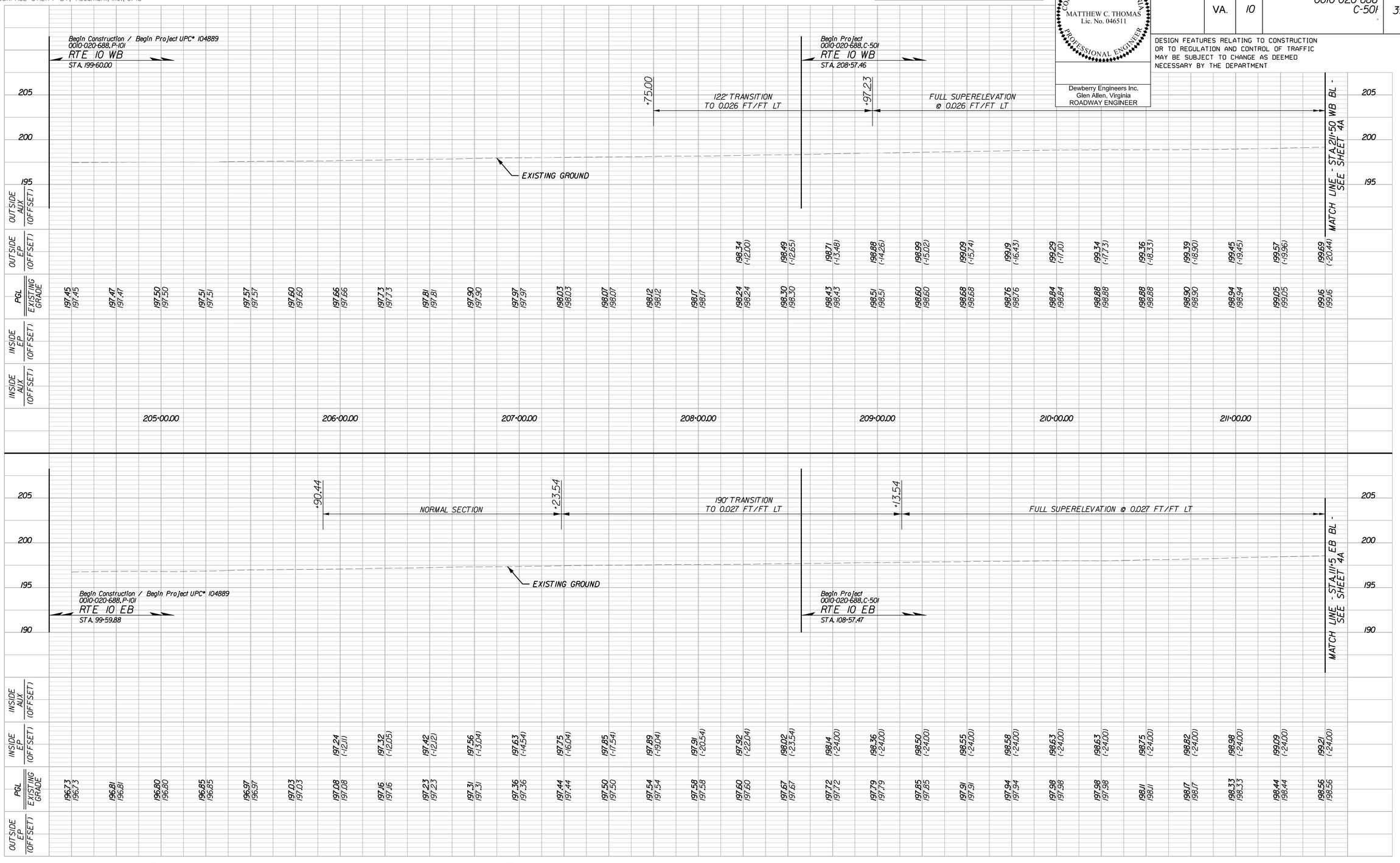
COMMONWEALTH OF VIRGINIA
MATTHEW C. THOMAS
Lic. No. 046511
PROFESSIONAL ENGINEER

Dewberry Engineers Inc.
Glen Allen, Virginia
ROADWAY ENGINEER

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
-	VA.	10	0010-020-688 C-501	3A

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



ROUTE 10 EASTBOUND

HORIZ. 0 25' 50'
VERT. 0 5' 10'

PROJECT	SHEET NO.
0010-020-688	3A

PROJECT MANAGER Steve Adams - Chesterfield County Transportation - (804)751-4661
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REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
.	VA.	10	0010-020-688 R-201, C-501	4

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Chesterfield County Utility Project #18-0011

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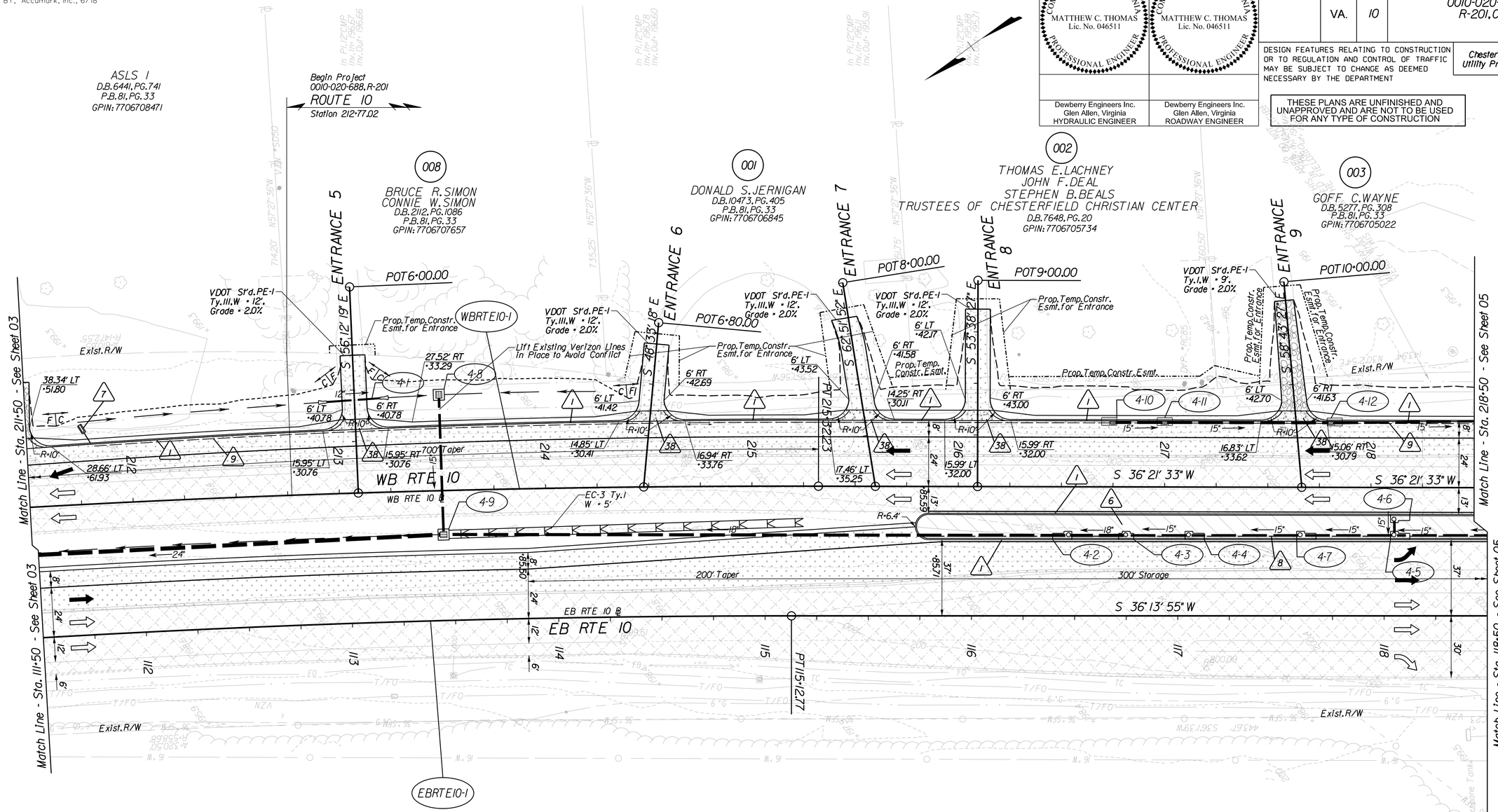

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5 Conc. Raised Median, Std. MS-1A Req'd.
6 Grass Raised Median, Std. MS-2 Req'd.
7 Underdrain Endwall, Std. EW-12 Req'd.
8 Median Underdrain, Std. UD-2 Req'd.
9 Pavement Underdrain, Std. UD-4 Req'd.
10 Crossdrain, Std. CD-1 Req'd.
11 Crossdrain, Std. CD-2 Req'd.
12 VDOT Fence, Std. FE-CL Req'd.
13 Guardrail, Std. GR-MGS1 Req'd.
14 Guardrail, Std. GR-MGS1A Req'd.
15 Guardrail, Std. GR-10 Req'd.
16 Guardrail Terminal, Std. GR-MGS2 Req'd.
17 Trailing End Terminal, Std. GR-MGS3 Req'd.
18 Guardrail Transition, Std. GR-MGS4 Req'd.
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20 Fixed Object Att., Std. GR-FOA-2 Ty.II Req'd.
21 Conc. Median Barrier, Std. MB-7D Req'd.
22 Conc. Median Barrier, Std. MB-7F Req'd.
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25 Remove Exist. Fence
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Erosion & Sediment Control Phase 2	2E
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Drainage Descriptions	20
Ditch Tabulations	22
Route 10 Profiles	4A

SCALE 0 25' 50'

PROJECT	SHEET NO.
0064-965-229	4

PROJECT MANAGER Steve Adams - Chesterfield County Transportation - (804)751-4661
SURVEYED BY, Dewberry Engineers Inc., 4/18
DESIGNED BY Dewberry Engineers Inc. - (804) 205-3340
SUBSURFACE UTILITY BY, Accumark, Inc., 6/18

ROUTE 10 WESTBOUND

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COMMONWEALTH OF VIRGINIA
MATTHEW C. THOMAS
Lic. No. 046511
PROFESSIONAL ENGINEER

Dewberry Engineers Inc.
Glen Allen, Virginia
ROADWAY ENGINEER

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
-	VA.	10	0010-020-688 C-501	4A

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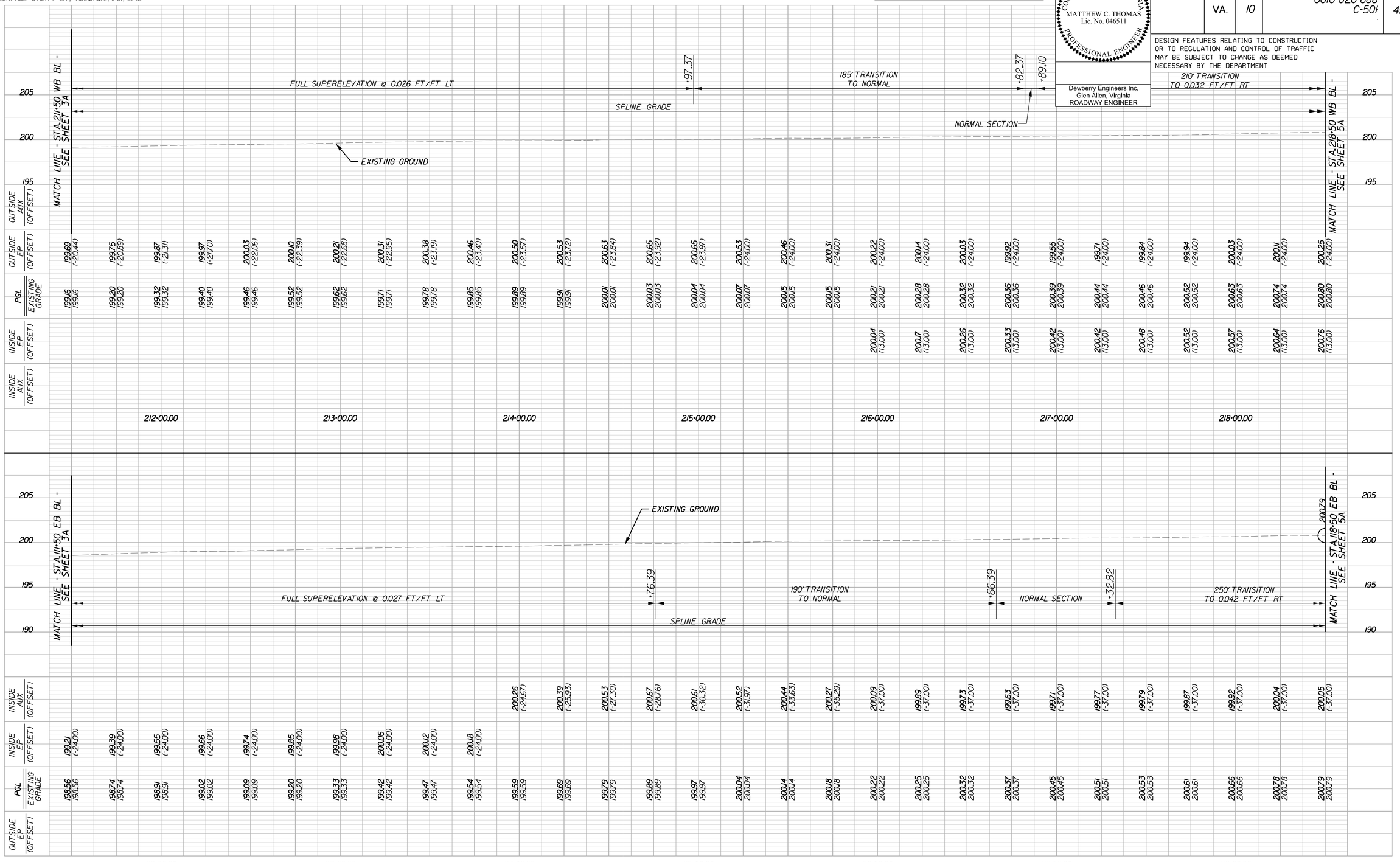

ROUTE 10 EASTBOUND

HORIZ. 0 25' 50'
VERT. 0 5' 10'

PROJECT	SHEET NO.
0010-020-688	4A

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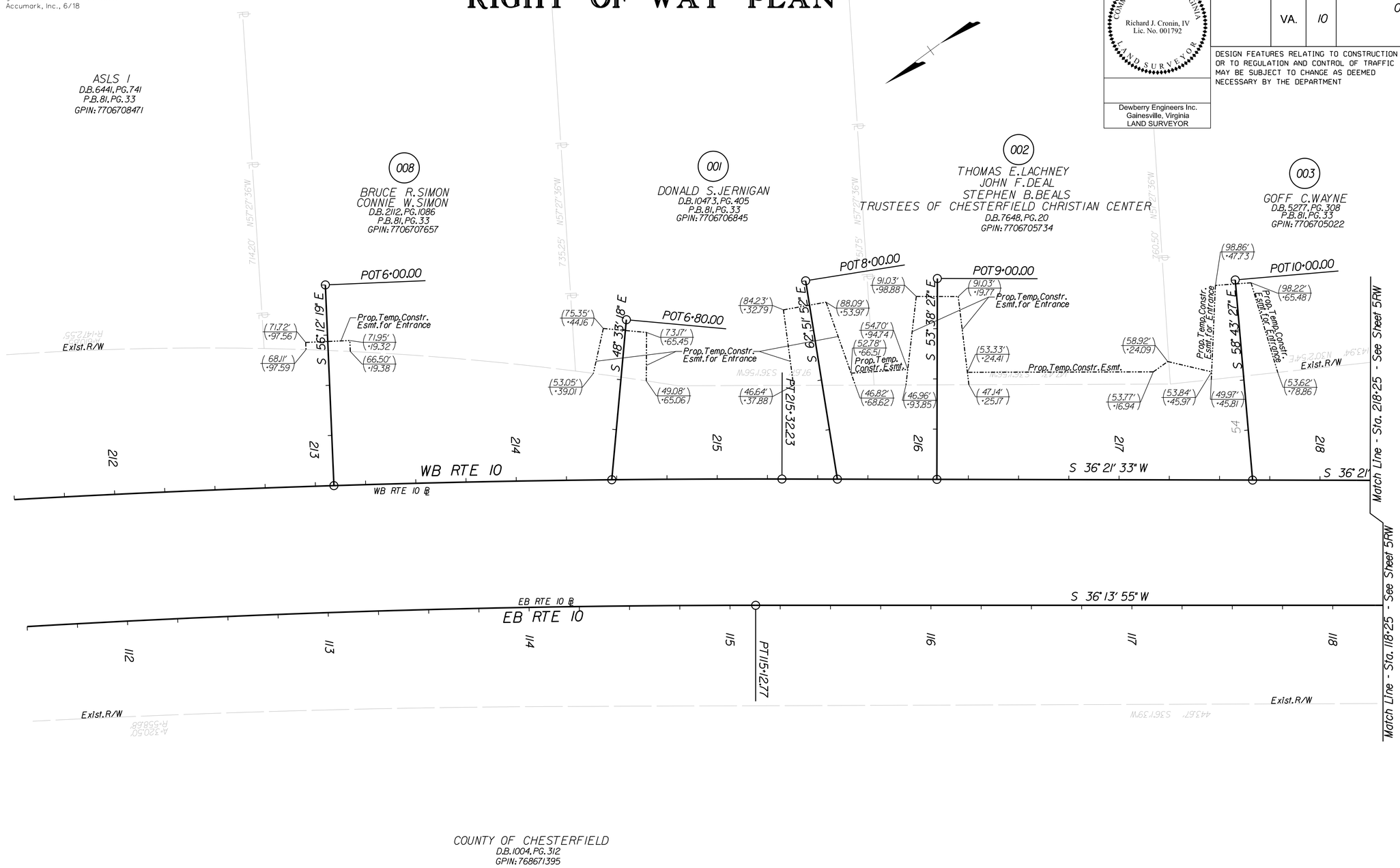
RIGHT OF WAY PLAN

COMMONWEALTH OF VIRGINIA
Richard J. Cronin, IV
Lic. No. 001792
LAND SURVEYOR

Dewberry Engineers Inc.
Gainesville, Virginia
LAND SURVEYOR

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
.	VA.	10	0010-020-688 R-201,C-501	4RW

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



COUNTY OF CHESTERFIELD
D.B.1004,PG.312
GPIN:768671395

Notes

1. This Right Of Way Sheet Represents A Field Run Survey Of The Proposed Right Of Way Limits. All Other Adjoining/Departing Boundary Lines Shown Are Compiled From Various Sources: Found Property Monumentation, Metes and Bounds, Descriptions And Record Plats. The Adjoining Lines Do Not Represent A Field Run Survey Of The Adjoining Properties And Are A Best Fit Based On Compiled Data.
2. All Of The Properties Physical Improvements Are Not Shown Hereon.
3. This Plan Sheet Was Prepared Without The Benefit Of A Title Report And May Not Show All Easements Which May Affect The Property Shown Hereon.
4. This Survey Datum Is Based On VDOT Project: 0010-020-688, RW-201, UPC 104889.
5. Right Of Way Monumentation To Be Set Upon Completion Of Construction.
6. Bearings And Distances In Parentheses Are From Recorded Plats Or Deed Data.

00.00' ·00.00 Figures Without Any Notation Denote Right Of Way/Limited Access Line
(.00' ·.00) Figures In Parentheses And Dot - Dot - Dashed Lines Denote Temporary Easements
[.00' ·.00] Figures In Brackets And Dot - Dashed Lines Denote Permanent Easements
[[.00' ·.00]] Figures In Double Brackets and Dot - Dashed Lines Denote Utility Easements

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 in square feet (x,xxx).)

Parcel No.	Property I.D. Number	Fee Taking Acres or (Sq. Ft.)	Perm. Ease. Acres or (Sq. Ft.)	Utility Ease. Acres or (Sq. Ft.)	Temp. Ease. Acres or (Sq. Ft.)	Temp. (Entrances) Ease. Acres or (Sq. Ft.)
001	7706706845				(65)	(1,606)
002	7706705734				(758)	(1,148)
003	7706705022				(155)	(1,176)
008	7706707657					(1,843)

⊙ St'd. RM-1
——— Denotes Prop. R/W
——— Denotes Prop. L/A
—··—··— Denotes Temp. Ease.
—··—··— Denotes Temp. Entr. Ease.
—·—·— Denotes Perm. Ease.
—·—·— Denotes Prop. Utility Ease.

SCALE 0 25' 50'

PROJECT	SHEET NO.
0010-020-688	4RW

8/20/2019
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LIMITED ACCESS HIGHWAY By Resolution of Highway Commission dated Aug. 28, 1969

PROJECT MANAGER Steve Adams - Chesterfield County Transportation - (804)751-4661
SURVEYED BY, Dewberry Engineers Inc., 4/18
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SUBSURFACE UTILITY BY, Accumark, Inc., 6/18

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
.	VA.	10	0010-020-688 R-201, C-501	5

COMMONWEALTH OF VIRGINIA — MATTHEW C. THOMAS Lic. No. 046511 — PROFESSIONAL ENGINEER
Dewberry Engineers Inc. Glen Allen, Virginia — HYDRAULIC ENGINEER

COMMONWEALTH OF VIRGINIA — MATTHEW C. THOMAS Lic. No. 046511 — PROFESSIONAL ENGINEER
Dewberry Engineers Inc. Glen Allen, Virginia — ROADWAY ENGINEER

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Chesterfield County Utility Project #18-0011

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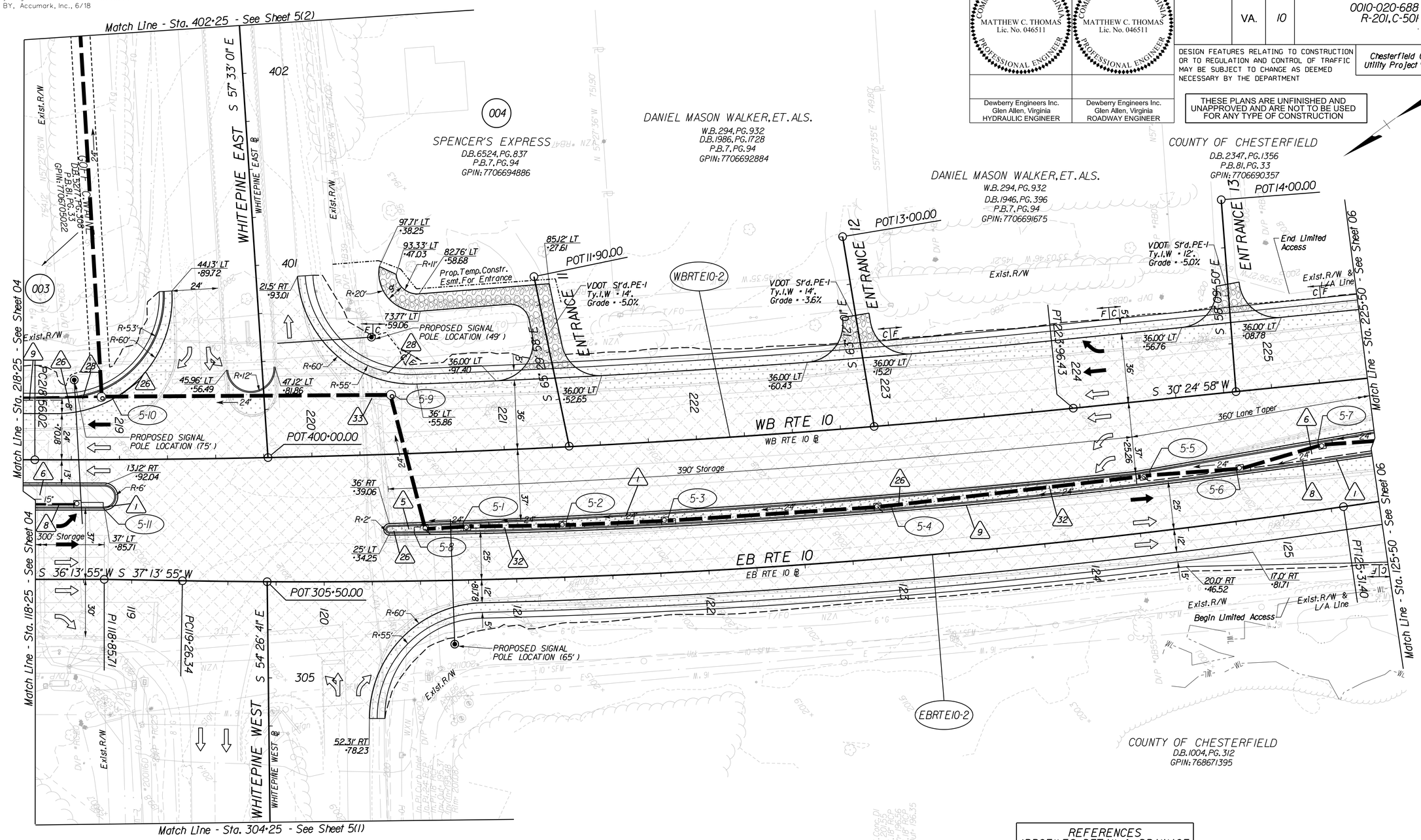

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8 Median Underdrain, St'd. UD-2 Req'd.
9 Pavement Underdrain, St'd. UD-4 Req'd.
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21 Conc. Median Barrier, St'd. MB-7D Req'd.
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24 Remove Exist. Guardrail
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REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

Alignment Data	1G
Erosion & Sediment Control Phase 1	2D
Erosion & Sediment Control Phase 2	2E
Entrance Profiles	1I
Drainage Descriptions	2O
Route 10 Profile	5A

SCALE 0 25' 50'

PROJECT	SHEET NO.
0064-965-229	5

PROJECT MANAGER Steve Adams - Chesterfield County Transportation - (804)751-4661
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Glen Allen, Virginia
HYDRAULIC ENGINEER

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ROADWAY ENGINEER

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
.	VA.	10	0010-020-688 R-201,C-501 .	5(1)

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Chesterfield County Utility Project #18-0011

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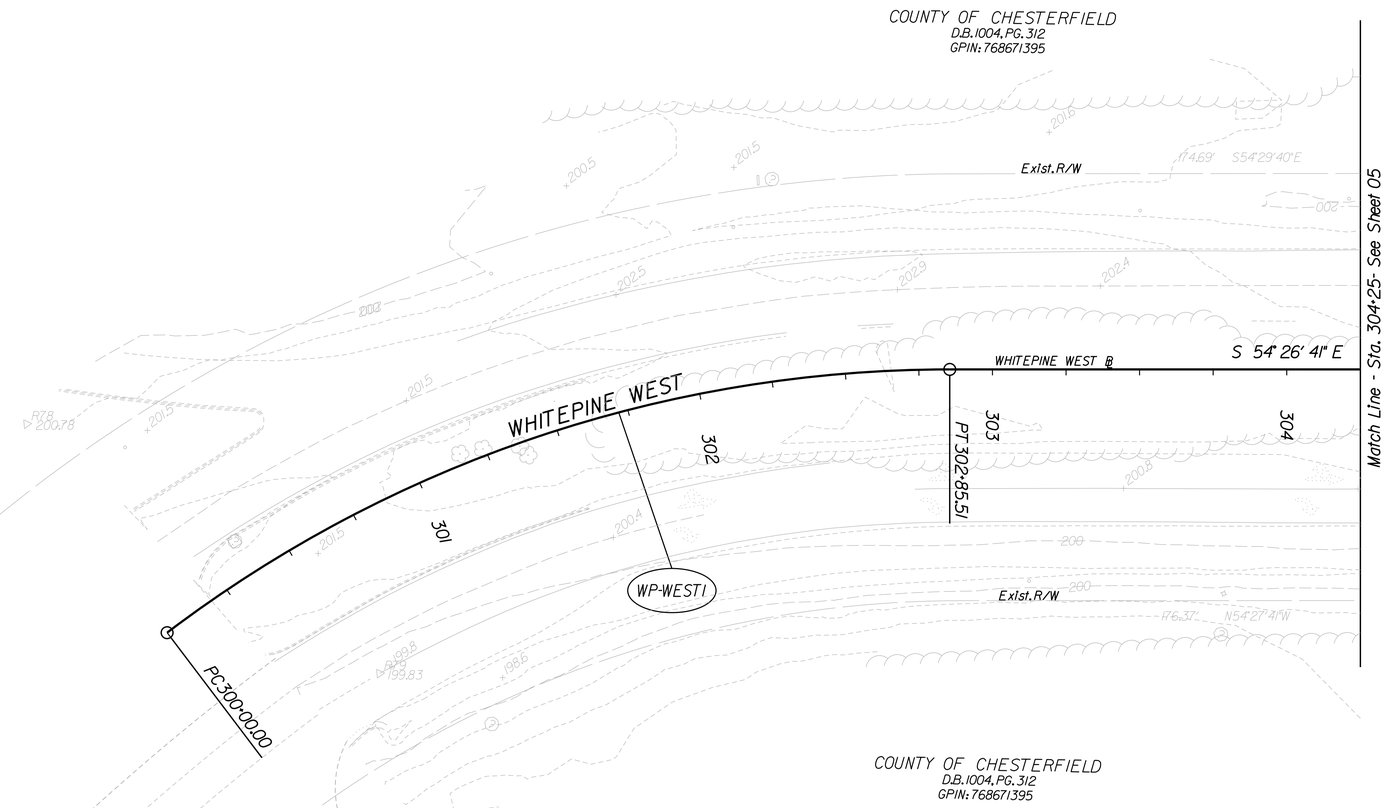

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8 Median Underdrain, St'd. UD-2 Req'd.
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15 Guardrail, St'd. GR-10 Req'd.
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Erosion & Sediment Control Phase 2	2E
Entrance Profiles	19
Drainage Descriptions	20

SCALE 0 25' 50'

PROJECT	SHEET NO.
0064-965-229	5(1)

PROJECT MANAGER Steve Adams - Chesterfield County Transportation - (804)751-4661
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REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
.	VA.	10	0010-020-688 R-201,C-501 .	5(2)

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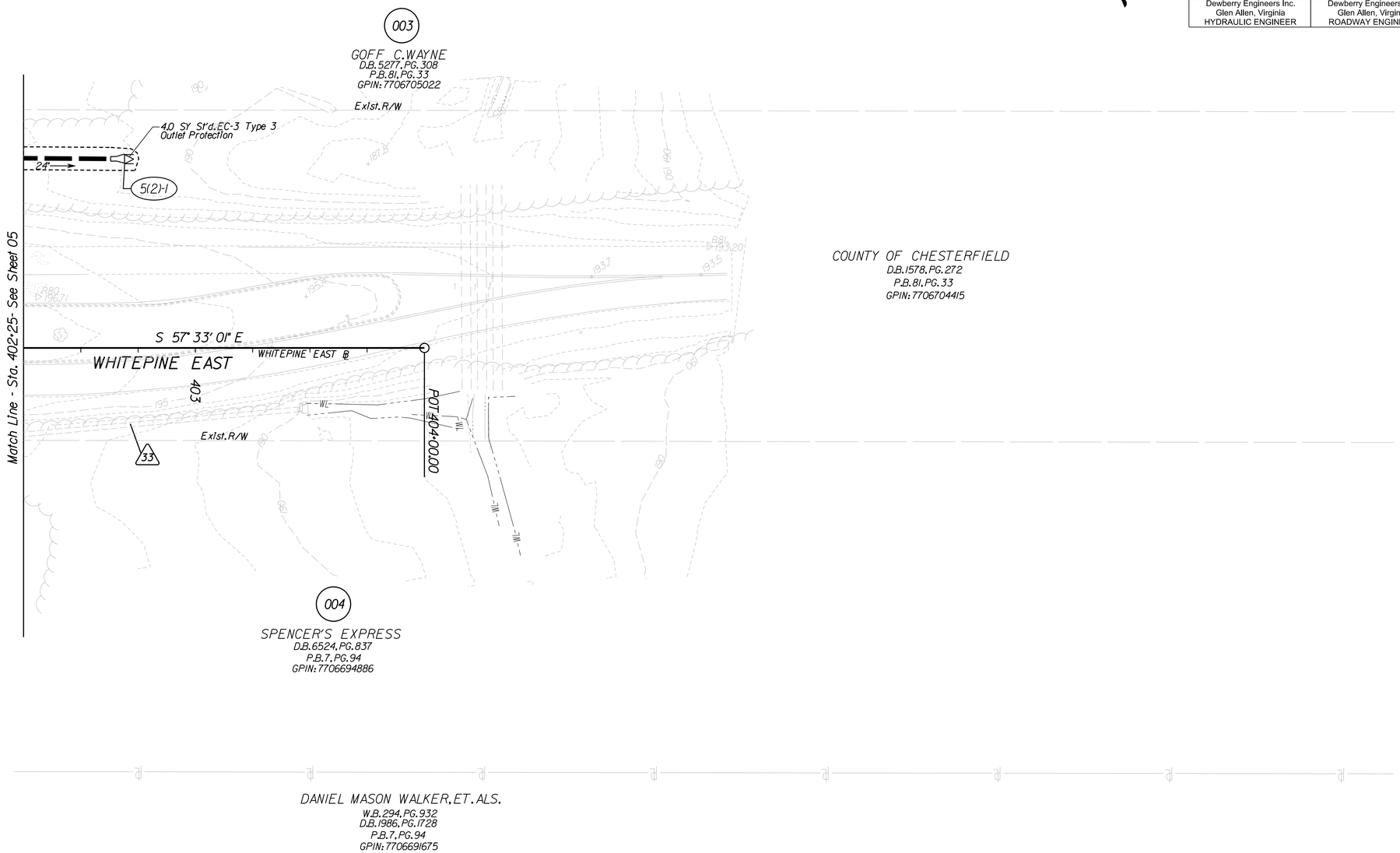

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Drainage Descriptions	20

SCALE 0 25' 50'

PROJECT	SHEET NO.
0064-965-229	5(2)

PROJECT MANAGER Steve Adams - Chesterfield County Transportation - (804)751-4661
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ROUTE 10 WESTBOUND

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ROADWAY ENGINEER

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
-	VA.	10	0010-020-688 C-501	5A

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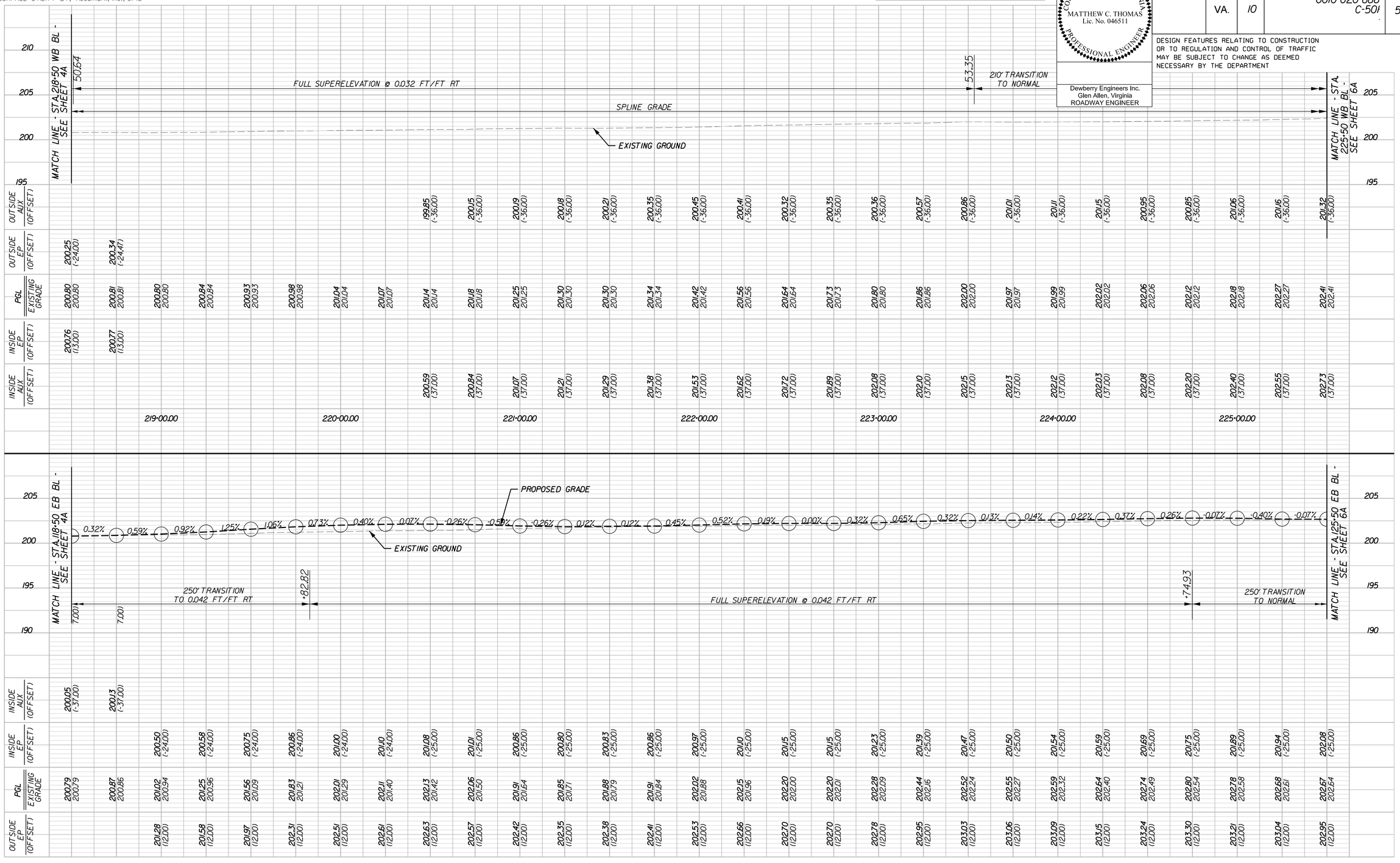


ROUTE 10 EASTBOUND

HORIZ. 0 25' 50' / VERT. 0 5' 10'	PROJECT	SHEET NO.
	0010-020-688	5A

PROJECT MANAGER Steve Adams - Chesterfield County Transportation - (804)751-4661
SURVEYED BY, Dewberry Engineers Inc., 4/18
DESIGNED BY Dewberry Engineers Inc. - (804) 205-3340
SUBSURFACE UTILITY BY, Accumark, Inc., 6/18

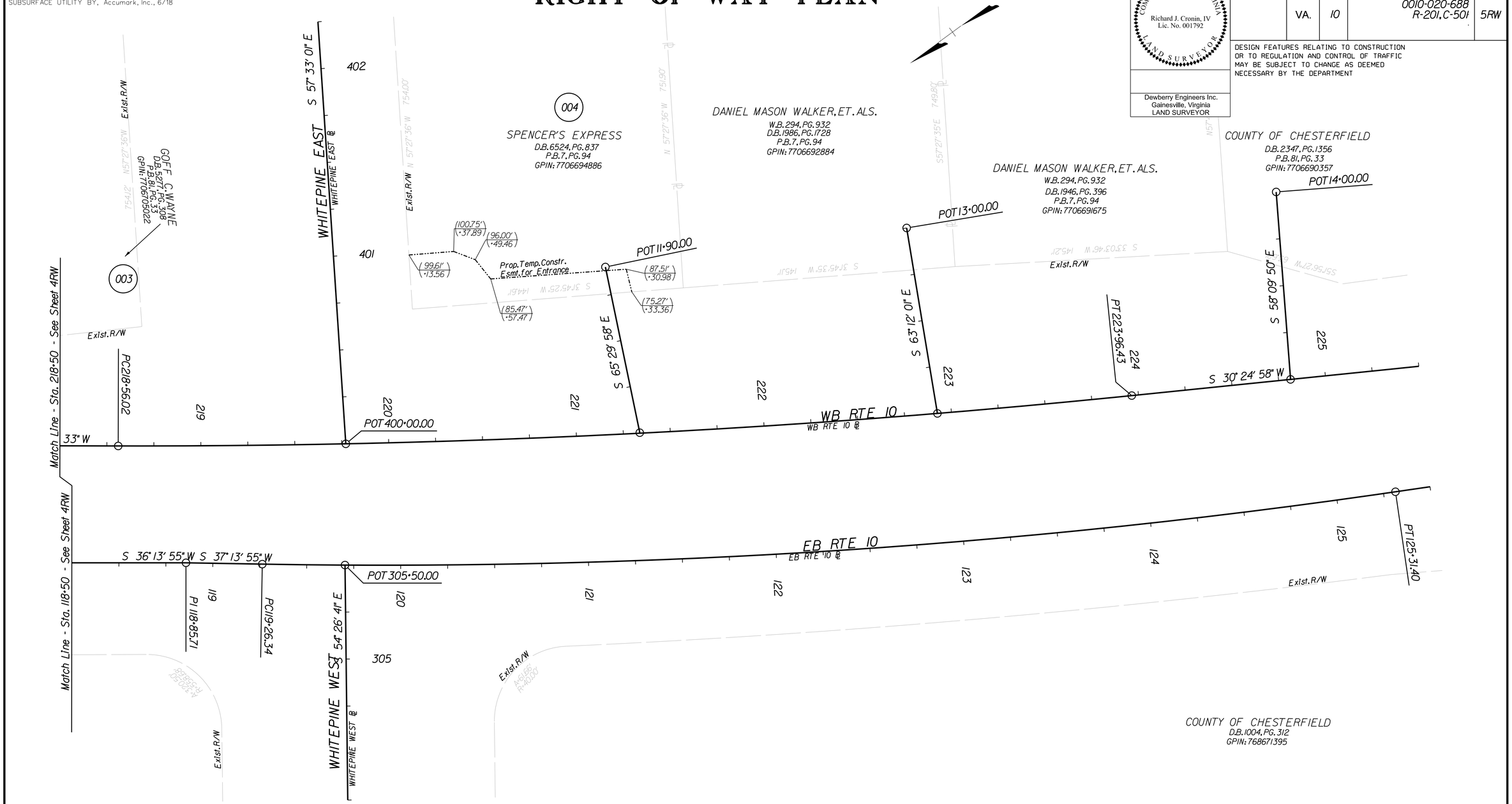
RIGHT OF WAY PLAN

Richard J. Cronin, IV
Lic. No. 001792
COMMONWEALTH OF VIRGINIA
LAND SURVEYOR

Dewberry Engineers Inc.
Gainesville, Virginia
LAND SURVEYOR

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
.	VA.	10	0010-020-688 R-201,C-501	5RW

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



Notes

1. This Right Of Way Sheet Represents A Field Run Survey Of The Proposed Right Of Way Limits. All Other Adjoining/Departing Boundary Lines Shown Are Compiled From Various Sources: Found Property Monumentation, Metes and Bounds, Descriptions And Record Plats. The Adjoining Lines Do Not Represent A Field Run Survey Of The Adjoining Properties And Are A Best Fit Based On Compiled Data.
2. All Of The Properties Physical Improvements Are Not Shown Hereon.
3. This Plan Sheet Was Prepared Without The Benefit Of A Title Report And May Not Show All Easements Which May Affect The Property Shown Hereon.
4. This Survey Datum Is Based On VDOT Project: 0010-020-688, RW-201, UPC 104889.
5. Right Of Way Monumentation To Be Set Upon Completion Of Construction.
6. Bearings And Distances In Parentheses Are From Recorded Plats Or Deed Data.

00.00' ·00.00 Figures Without Any Notation Denote Right Of Way/Limited Access Line

(00') (·00') Figures In Parentheses And Dot - Dot - Dashed Lines Denote Temporary Easements

[00'] [·00] Figures In Brackets And Dot - Dashed Lines Denote Permanent Easements

[[00']] [[·00]] Figures In Double Brackets and Dot - Dashed Lines Denote Utility Easements

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 in square feet (x,xxx).)

Parcel No.	Property I.D. Number	Fee Taking	Perm. Ease.	Utility Ease.	Temp. Ease.	Temp. (Entrances) Ease.
		Acres or (Sq. Ft.)	Acres or (Sq. Ft.)	Acres or (Sq. Ft.)	Acres or (Sq. Ft.)	Acres or (Sq. Ft.)
003	7706705022				(155)	(1,176)
004	7706694886					(2,040)

⊙ St'd. RM-1
——— Denotes Prop. R/W
——— Denotes Prop. L/A
-·-·-·- Denotes Temp. Ease.
-··-··- Denotes Temp. Entr. Ease.
—·—·— Denotes Perm. Ease.
—··—··— Denotes Prop. Utility Ease.

SCALE 0 25' 50'

PROJECT	SHEET NO.
0010-020-688	5RW

8/20/2019
3:17:12 PM

LIMITED ACCESS HIGHWAY By Resolution of Highway Commission dated Aug. 28, 1969

PROJECT MANAGER Steve Adams - Chesterfield County Transportation - (804)751-4661
SURVEYED BY, Dewberry Engineers Inc., 4/18
DESIGNED BY Dewberry Engineers Inc. - (804) 205-3340
SUBSURFACE UTILITY BY, Accumark, Inc., 6/18

COMMONWEALTH OF VIRGINIA
MATTHEW C. THOMAS
Lic. No. 046511
PROFESSIONAL ENGINEER

Dewberry Engineers Inc.
Glen Allen, Virginia
HYDRAULIC ENGINEER

COMMONWEALTH OF VIRGINIA
MATTHEW C. THOMAS
Lic. No. 046511
PROFESSIONAL ENGINEER

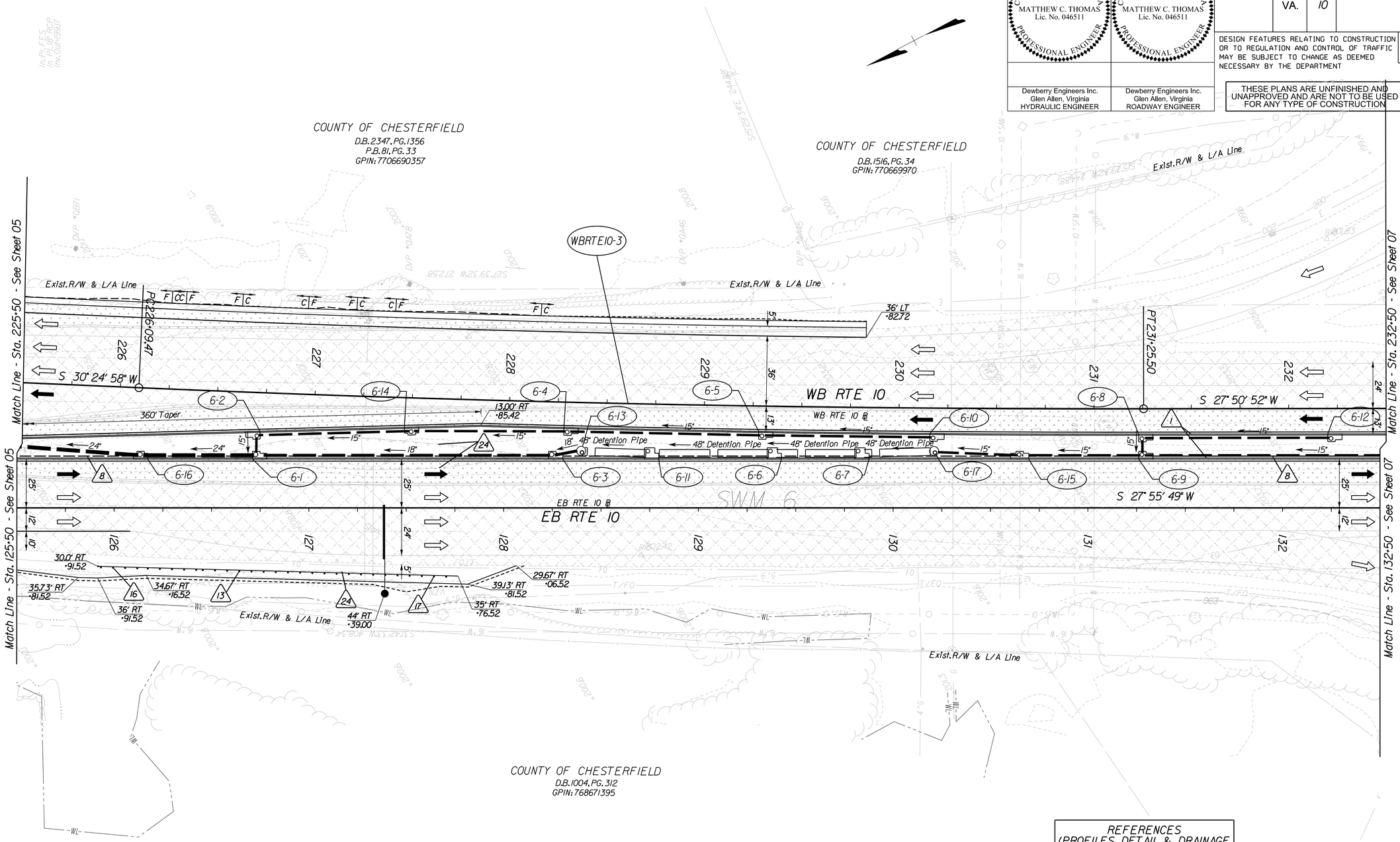
Dewberry Engineers Inc.
Glen Allen, Virginia
ROADWAY ENGINEER

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	10	0010-020-688 R-201,C-501	6

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

Chesterfield County Utility Project #18-0011

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION



Key Legend (XX)

1	4" Curb, Std. CG-3 Req'd.	13	Guardrail, Std. GR-MGS1 Req'd.	26	Remove Exist. Structure
2	4" Curb & Gutter, CG-7 Req'd.	14	Guardrail, Std. GR-MGS1A Req'd.	27	Remove Exist. Pipe
3	Curb Ramp, Std. CG-12 Type B Req'd.	15	Guardrail, Std. GR-10 Req'd.	28	Remove Exist. Pole
4	Conc. Raised Median, Std. MS-1 Req'd.	16	Guardrail Terminal, Std. GR-MGS2 Req'd.	29	Adjust Exist. Structure
5	Conc. Raised Median, Std. MS-1A Req'd.	17	Trailing End Terminal, Std. GR-MGS3 Req'd.	30	Clean Out Exist. Structure
6	Grass Raised Median, Std. MS-2 Req'd.	18	Guardrail Transition, Std. GR-MGS4 Req'd.	31	Clean Out Existing Pipe
7	Underdrain Endwall, Std. EW-12 Req'd.	19	Fixed Object Att., Std. GR-FOA-2 Ty.I Req'd.	32	Pipe To Be Removed
8	Median Underdrain, Std. UD-2 Req'd.	20	Fixed Object Att., Std. GR-FOA-2 Ty.II Req'd.	33	Pipe To Be Abandoned and Plugged
9	Pavement Underdrain, Std. UD-4 Req'd.	21	Conc. Median Barrier, Std. MB-7D Req'd.	34	Stone For Erosion Control, Std. EC-1 Class I Req'd.
10	Crossdrain, Std. CD-1 Req'd.	22	Conc. Median Barrier, Std. MB-7F Req'd.	35	Stone For Erosion Control, Std. EC-1 Class II Req'd.
11	Crossdrain, Std. CD-2 Req'd.	23	Bridge Pier Protection, BPPS-1 Req'd.	36	Stone For Erosion Control, Std. EC-1 Class AI Req'd.
12	VDOT Fence, Std. FE-CL Req'd.	24	Remove Exist. Guardrail	37	Std. EC-3 Type B Outlet Protection Req'd.
		25	Remove Exist. Fence	38	Curb & Gutter, Std. CG-9D Req'd.

Denotes Full Depth Pavement

Denotes Pavement Demolition

Denotes Pavement Overlay

Denotes Milling and Overlay

Denotes Concrete

C Denotes Construction Limits In Cuts

F Denotes Construction Limits In Fills

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

Alignment Data	1G
Erosion & Sediment Control Phase 1	2D
Erosion & Sediment Control Phase 2	2E
Entrance Profiles	19
Drainage Descriptions	20
Route 10 Profiles	6A

SCALE 0 25' 50'

PROJECT	SHEET NO.
0064-965-229	6

7/11/2019
3:29:12 PM

d10488906A.dgn
Plotted By: trydel

PROJECT MANAGER Steve Adams - Chesterfield County Transportation - (804)751-4661
SURVEYED BY, Dewberry Engineers Inc., 4/18
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ROUTE 10 WESTBOUND

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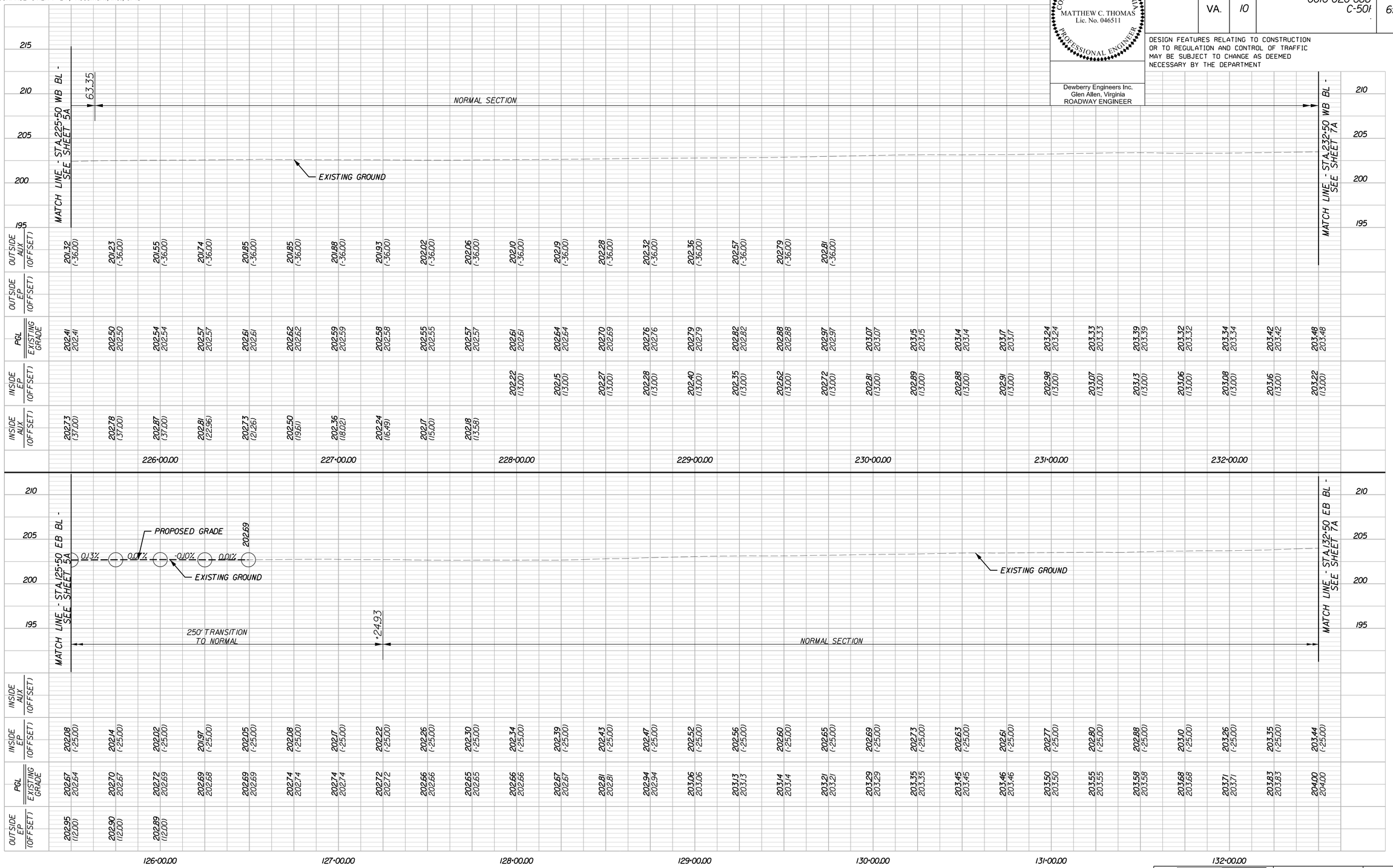
COMMONWEALTH OF VIRGINIA
MATTHEW C. THOMAS
Lic. No. 046511
PROFESSIONAL ENGINEER

Dewberry Engineers Inc.
Glen Allen, Virginia
ROADWAY ENGINEER

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
-	VA.	10	0010-020-688 C-501	6A

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



ROUTE 10 EASTBOUND

HORIZ. 0 25' 50'
VERT. 0 5' 10'

PROJECT	SHEET NO.
0010-020-688	6A

8/20/2019
3:17:30 PM

LIMITED ACCESS HIGHWAY By Resolution of Highway Commission dated Aug. 28, 1969

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REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Alignment Data	1G
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Erosion & Sediment Control Phase 2	2E
Entrance Profiles	19
Drainage Descriptions	20
Route 10 Profiles	7A

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Glen Allen, Virginia
ROADWAY ENGINEER

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
-	VA.	10	0010-020-688 R-201, C-501	7

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

Chesterfield County Utility Project #18-0011

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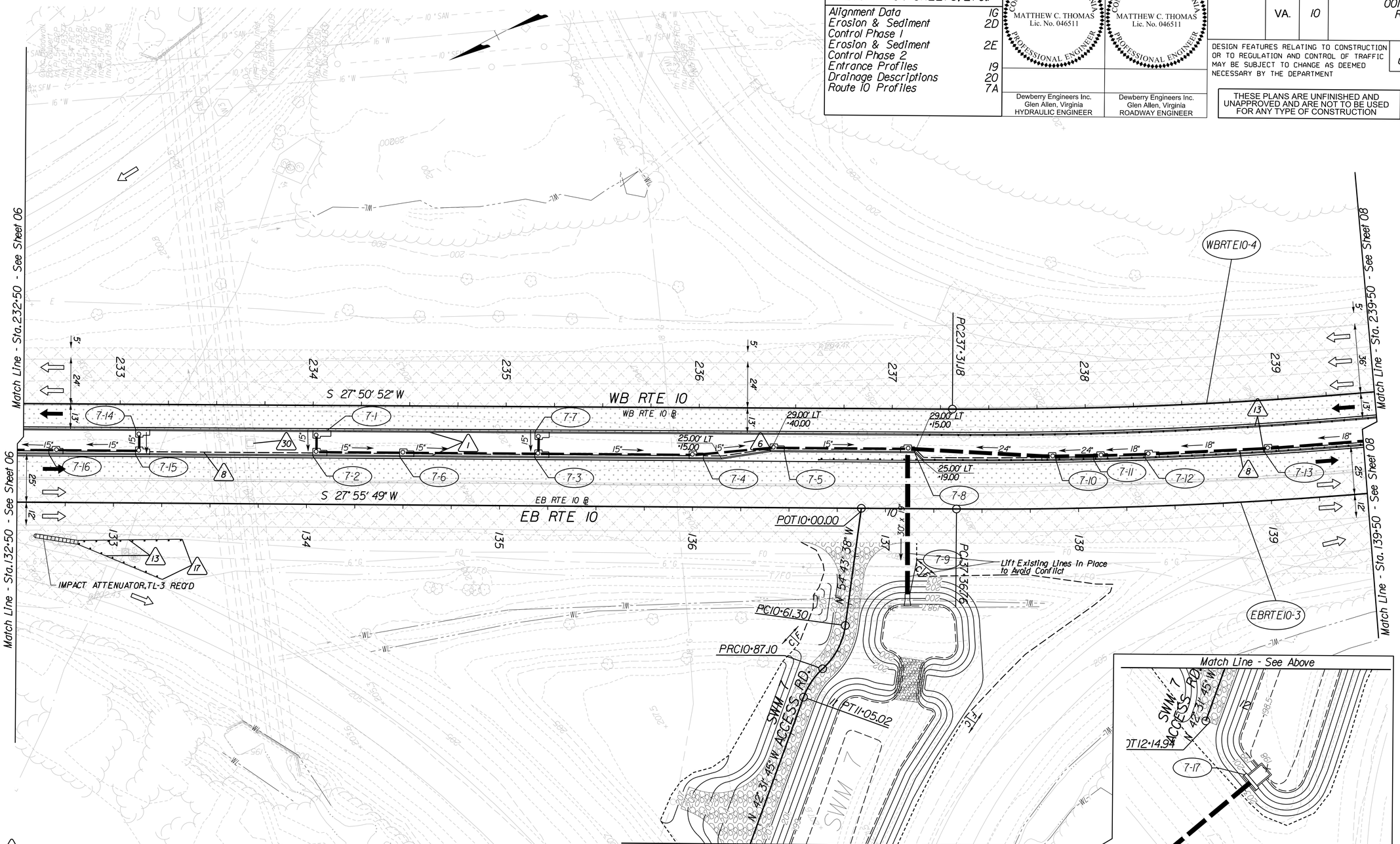

Key Legend (XX)

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2 4" Curb & Gutter, CG-7 Req'd.
3 Curb Ramp, Std. CG-12 Type B Req'd.
4 Conc. Raised Median, Std. MS-1 Req'd.
5 Conc. Raised Median, Std. MS-1A Req'd.
6 Grass Raised Median, Std. MS-2 Req'd.
7 Underdrain Endwall, Std. EW-12 Req'd.
8 Median Underdrain, Std. UD-2 Req'd.
9 Pavement Underdrain, Std. UD-4 Req'd.
10 Crossdrain, Std. CD-1 Req'd.
11 Crossdrain, Std. CD-2 Req'd.
12 VDOT Fence, Std. FE-CL Req'd.
13 Guardrail, Std. GR-MGS1 Req'd.
14 Guardrail, Std. GR-MGS1A Req'd.
15 Guardrail, Std. GR-10 Req'd.
16 Guardrail Terminal, Std. GR-MGS2 Req'd.
17 Trailing End Terminal, Std. GR-MGS3 Req'd.
18 Guardrail Transition, Std. GR-MGS4 Req'd.
19 Fixed Object Att., Std. GR-FOA-2 Ty. I Req'd.
20 Fixed Object Att., Std. GR-FOA-2 Ty. II Req'd.
21 Conc. Median Barrier, Std. MB-7D Req'd.
22 Conc. Median Barrier, Std. MB-7F Req'd.
23 Bridge Pier Protection, BPPS-1 Req'd.
24 Remove Exist. Guardrail
25 Remove Exist. Fence
26 Remove Exist. Structure
27 Remove Exist. Pipe
28 Remove Exist. Pole
29 Adjust Exist. Structure
30 Clean Out Exist. Structure
31 Clean Out Existing Pipe
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33 Pipe To Be Abandoned and Plugged
34 Stone For Erosion Control, Std. EC-1 Class I Req'd.
35 Stone For Erosion Control, Std. EC-1 Class II Req'd.
36 Stone For Erosion Control, Std. EC-1 Class AI Req'd.
37 Std. EC-3 Type B Outlet Protection Req'd.
38 Curb & Gutter, Std. CG-9D Req'd.

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Denotes Pavement Demolition
Denotes Pavement Overlay
Denotes Milling and Overlay
Denotes Concrete
C ____ Denotes Construction Limits In Cuts
F __ __ Denotes Construction Limits In Fills

SCALE 0 25' 50'

PROJECT	SHEET NO.
0064-965-229	7

PROJECT MANAGER Steve Adams - Chesterfield County Transportation - (804)751-4661
SURVEYED BY, Dewberry Engineers Inc., 4/18
DESIGNED BY Dewberry Engineers Inc. - (804) 205-3340
SUBSURFACE UTILITY BY, Accumark, Inc., 6/18

ROUTE 10 WESTBOUND

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COMMONWEALTH OF VIRGINIA
MATTHEW C. THOMAS
Lic. No. 046511
PROFESSIONAL ENGINEER

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
-	VA.	10	0010-020-688 C-501	7A

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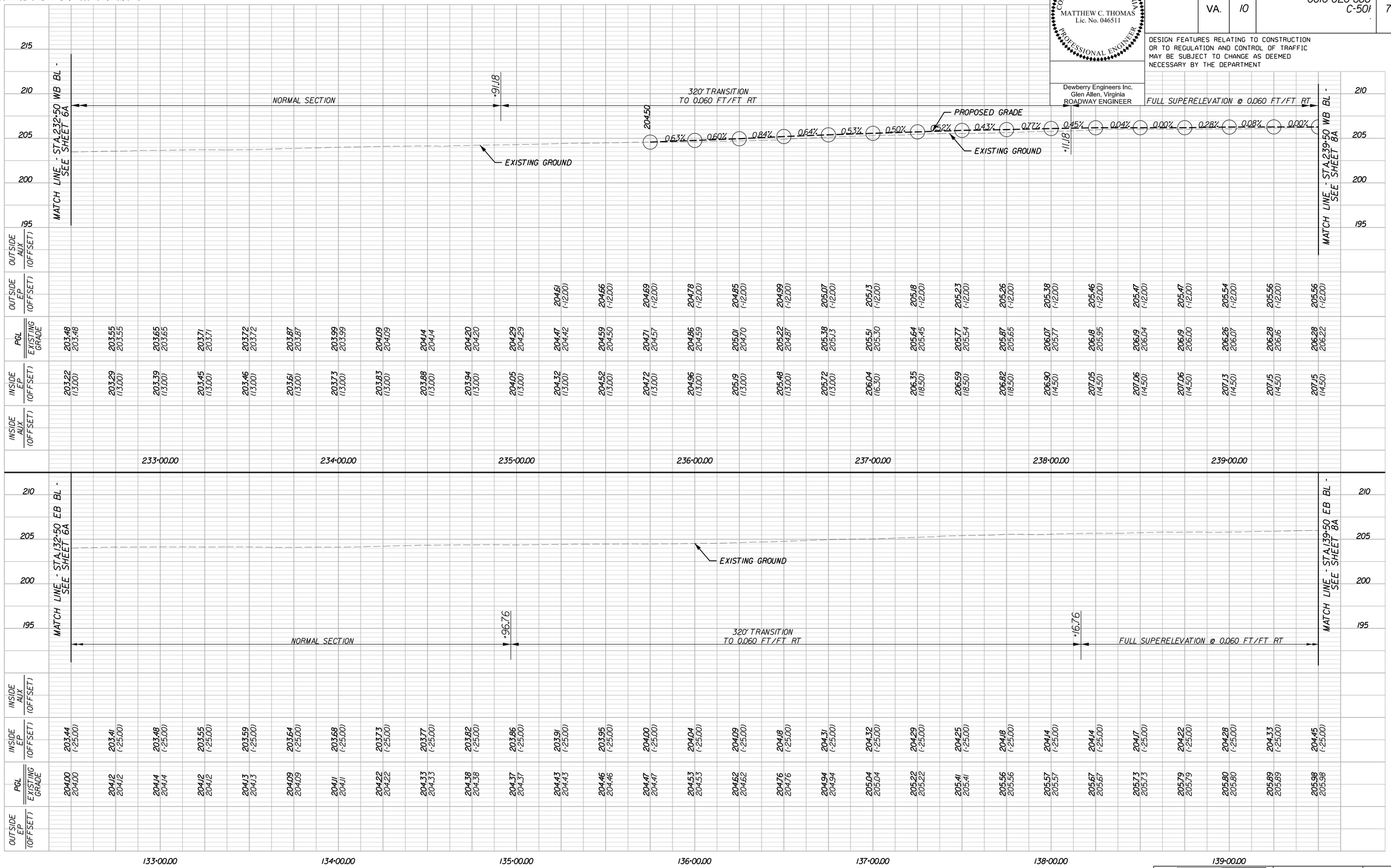
Dewberry Engineers Inc.
Glen Allen, Virginia
ROADWAY ENGINEER



ROUTE 10 EASTBOUND

HORIZ. 0 25' 50'
VERT. 0 5' 10'

PROJECT	SHEET NO.
0010-020-688	7A

8/20/2019
3:17:43 PM

LIMITED ACCESS HIGHWAY By Resolution of Highway Commission dated Aug. 28, 1969

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REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	10	0010-020-688 R-201,C-501	8

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

Chesterfield County Utility Project #18-0011

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2 4" Curb & Gutter, CG-7 Req'd.
3 Curb Ramp, St'd. CG-12 Type B Req'd.
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5 Conc. Raised Median, St'd. MS-1A Req'd.
6 Grass Raised Median, St'd. MS-2 Req'd.
7 Underdrain Endwall, St'd. EW-12 Req'd.
8 Median Underdrain, St'd. UD-2 Req'd.
9 Pavement Underdrain, St'd. UD-4 Req'd.
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15 Guardrail, St'd. GR-10 Req'd.
16 Guardrail Terminal, St'd. GR-MGS2 Req'd.
17 Trailing End Terminal, St'd. GR-MGS3 Req'd.
18 Guardrail Transition, St'd. GR-MGS4 Req'd.
19 Fixed Object Att., St'd. GR-FOA-2 Ty.I Req'd.
20 Fixed Object Att., St'd. GR-FOA-2 Ty.II Req'd.
21 Conc. Median Barrier, St'd. MB-7D Req'd.
22 Conc. Median Barrier, St'd. MB-7F Req'd.
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Denotes Full Depth Pavement
Denotes Pavement Demolition
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REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

Alignment Data	1G
Erosion & Sediment Control Phase 1	2D
Erosion & Sediment Control Phase 2	2E
Entrance Profiles	19
Drainage Descriptions	20
Route 10 Profiles	8A

SCALE 0 25' 50'

PROJECT	SHEET NO.
0064-965-229	8

PROJECT MANAGER Steve Adams - Chesterfield County Transportation - (804)751-4661
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ROUTE 10 WESTBOUND

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COMMONWEALTH OF VIRGINIA
MATTHEW C. THOMAS
Lic. No. 046511
PROFESSIONAL ENGINEER

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REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
.	VA.	10	0010-020-688 C-501	8A

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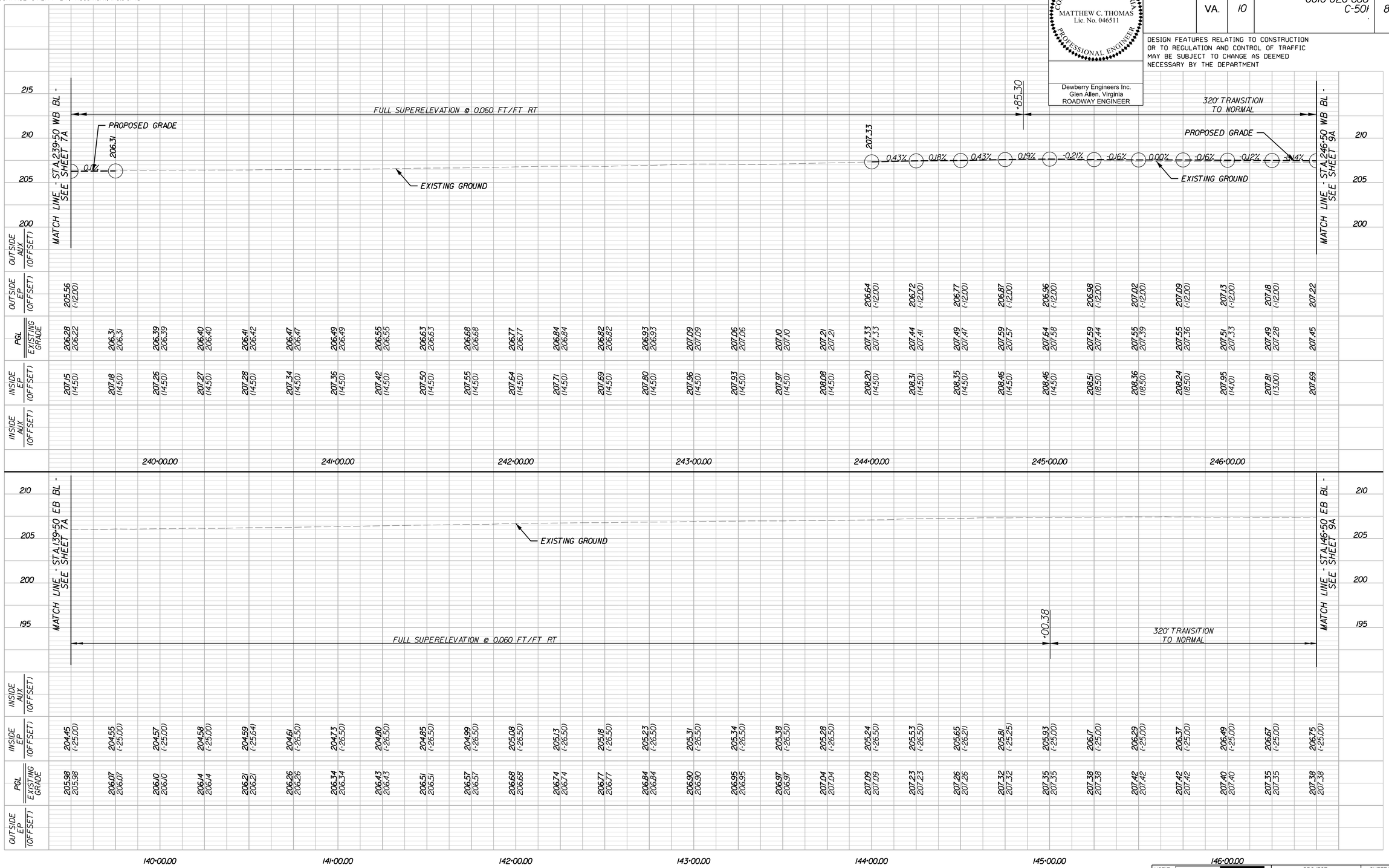

ROUTE 10 EASTBOUND

HORIZ. 0 25' 50'
VERT. 0 5' 10'

PROJECT	SHEET NO.
0010-020-688	8A

8/20/2019
3:17:55 PM

LIMITED ACCESS HIGHWAY By Resolution of Highway Commission dated Aug. 28, 1969

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REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
.	VA.	10	0010-020-688 R-201,C-501	9

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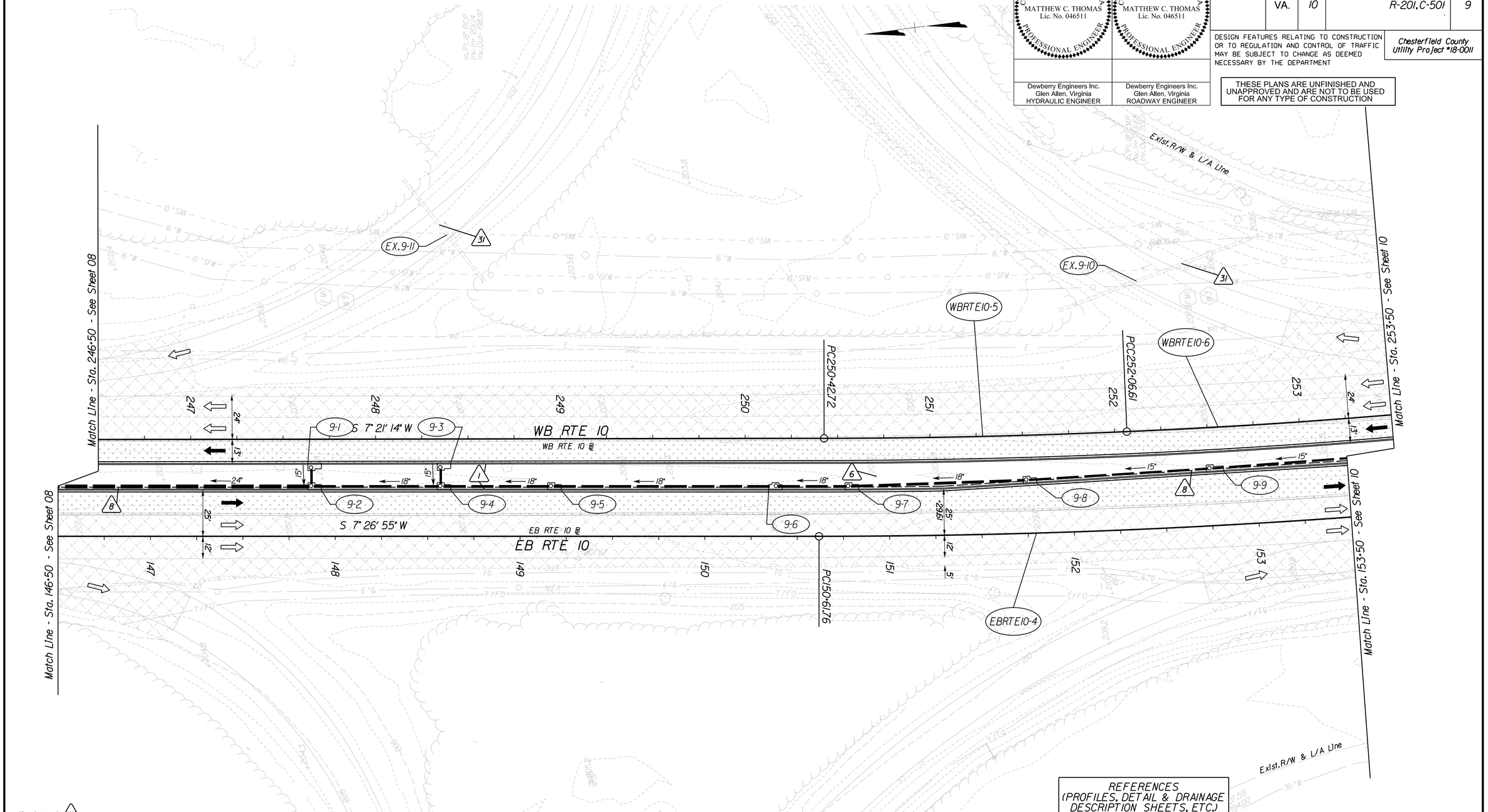

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REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

Alignment Data	1G
Erosion & Sediment Control Phase 1	2D
Erosion & Sediment Control Phase 2	2E
Entrance Profiles	1I
Drainage Descriptions	2O
Route 10 Profiles	9A

SCALE 0 25' 50'

PROJECT	SHEET NO.
0064-965-229	9

PROJECT MANAGER Steve Adams - Chesterfield County Transportation - (804)751-4661
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ROUTE 10 WESTBOUND

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COMMONWEALTH OF VIRGINIA
MATTHEW C. THOMAS
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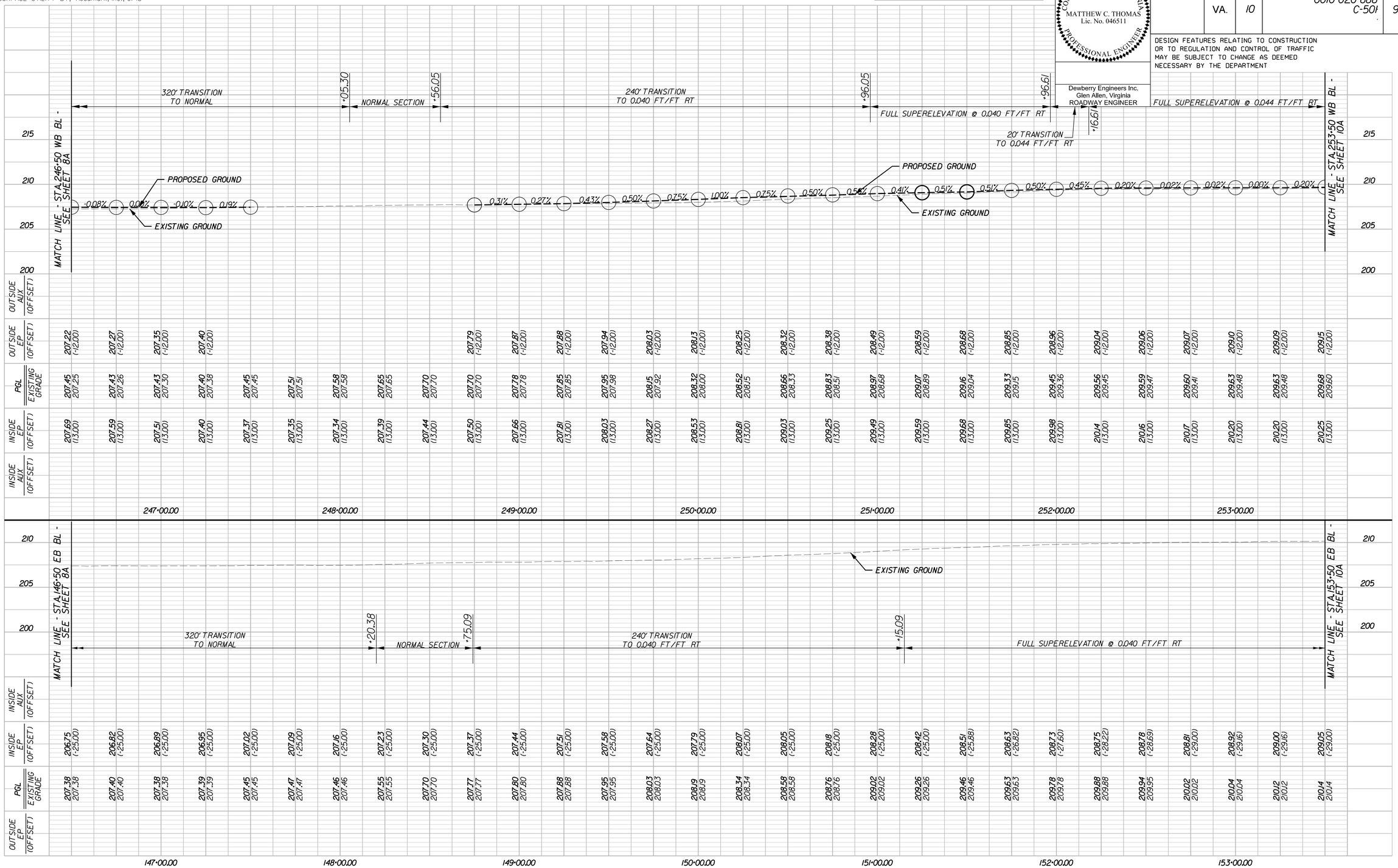

ROUTE 10 EASTBOUND

HORIZ. 0 25' 50'
VERT. 0 5' 10'

PROJECT	SHEET NO.
0010-020-688	9A

Match Line - Sta. 153+50 - See Sheet 9A

8/20/2019
3:18:10 PM

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SURVEYED BY, Dewberry Engineers Inc., 4/18
DESIGNED BY Dewberry Engineers Inc. - (804) 205-3340
SUBSURFACE UTILITY BY, Accumark, Inc., 6/18

COMMONWEALTH OF VIRGINIA
MATTHEW C. THOMAS
Lic. No. 046511
PROFESSIONAL ENGINEER

Dewberry Engineers Inc.
Glen Allen, Virginia
HYDRAULIC ENGINEER

COMMONWEALTH OF VIRGINIA
MATTHEW C. THOMAS
Lic. No. 046511
PROFESSIONAL ENGINEER

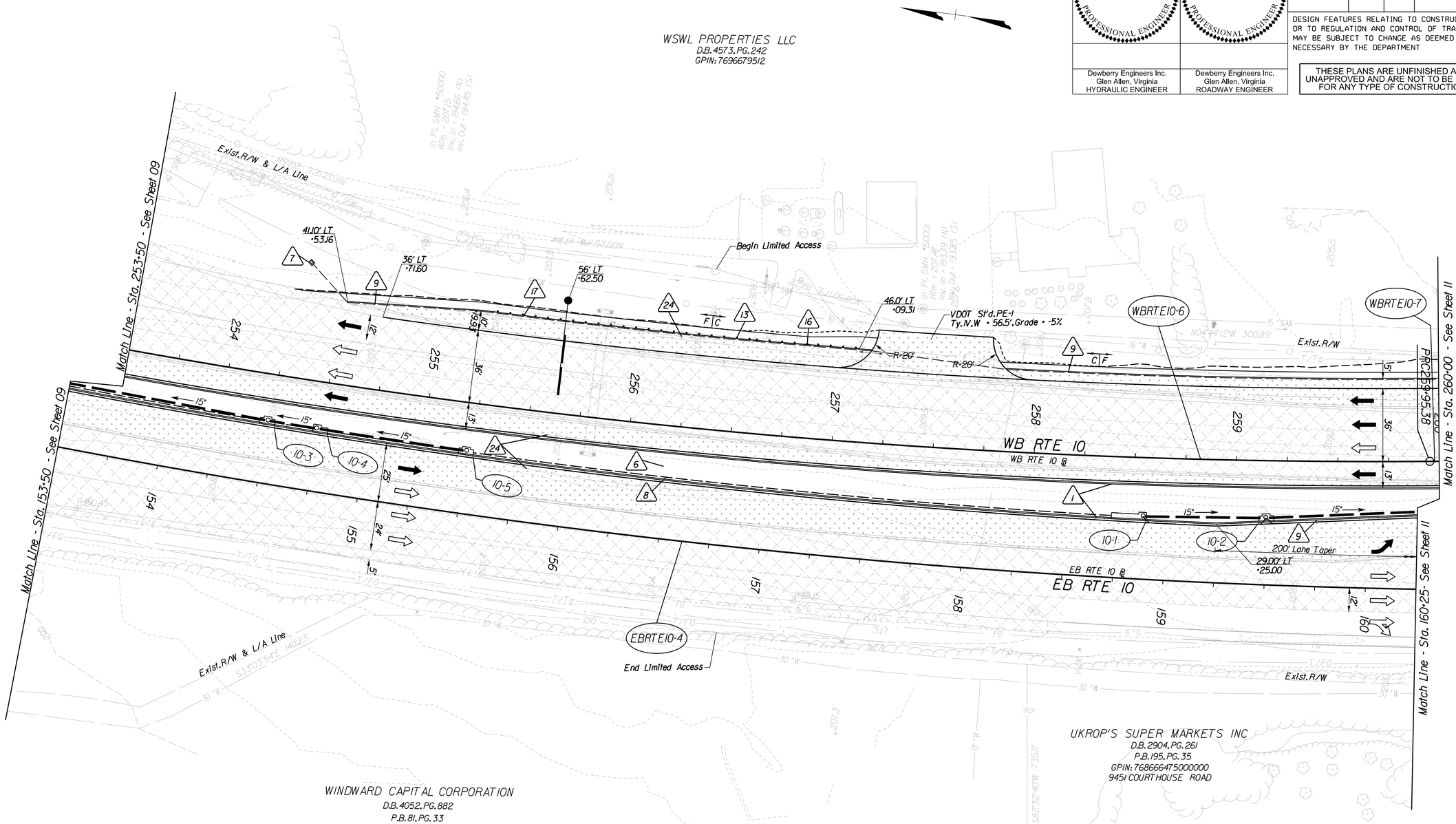
Dewberry Engineers Inc.
Glen Allen, Virginia
ROADWAY ENGINEER

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
.	VA.	10	0010-020-688 R-201,C-501	10

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

Chesterfield County Utility Project #18-0011

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION



Key Legend (XX)

1	4" Curb, Std. CG-3 Req'd.	13	Guardrail, Std. GR-MGS1 Req'd.	26	Remove Exist. Structure
2	4" Curb & Gutter, CG-7 Req'd.	14	Guardrail, Std. GR-MGS1A Req'd.	27	Remove Exist. Pipe
3	Curb Ramp, Std. CG-12 Type B Req'd.	15	Guardrail, Std. GR-10 Req'd.	28	Remove Exist. Pole
4	Conc. Raised Median, Std. MS-1 Req'd.	16	Guardrail Terminal, Std. GR-MGS2 Req'd.	29	Adjust Exist. Structure
5	Conc. Raised Median, Std. MS-1A Req'd.	17	Trailing End Terminal, Std. GR-MGS3 Req'd.	30	Clean Out Exist. Structure
6	Grass Raised Median, Std. MS-2 Req'd.	18	Guardrail Transition, Std. GR-MGS4 Req'd.	31	Clean Out Existing Pipe
7	Underdrain Endwall, Std. EW-12 Req'd.	19	Fixed Object Att., Std. GR-FOA-2 Ty.I Req'd.	32	Pipe To Be Removed
8	Median Underdrain, Std. UD-2 Req'd.	20	Fixed Object Att., Std. GR-FOA-2 Ty.II Req'd.	33	Pipe To Be Abandoned and Plugged
9	Pavement Underdrain, Std. UD-4 Req'd.	21	Conc. Median Barrier, Std. MB-7D Req'd.	34	Stone For Erosion Control, Std. EC-1 Class I Req'd.
10	Crossdrain, Std. CD-1 Req'd.	22	Conc. Median Barrier, Std. MB-7F Req'd.	35	Stone For Erosion Control, Std. EC-1 Class II Req'd.
11	Crossdrain, Std. CD-2 Req'd.	23	Bridge Pier Protection, BPPS-1 Req'd.	36	Stone For Erosion Control, Std. EC-1 Class AI Req'd.
12	VDOT Fence, Std. FE-CL Req'd.	24	Remove Exist. Guardrail	37	Std. EC-3 Type B Outlet Protection Req'd.
		25	Remove Exist. Fence	38	Curb & Gutter, Std. CG-9D Req'd.

Denotes Full Depth Pavement

Denotes Pavement Demolition

Denotes Pavement Overlay

Denotes Milling and Overlay

Denotes Concrete

C ____ Denotes Construction Limits In Cuts

F __ __ Denotes Construction Limits In Fills

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

Alignment Data	1G
Erosion & Sediment Control Phase 1	2D
Erosion & Sediment Control Phase 2	2E
Entrance Profiles	19
Drainage Descriptions	20
Route 10 Profiles	10A

SCALE 0 25' 50'

PROJECT	SHEET NO.
0064-965-229	10

7/11/2019
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Plotted By: trydel

PROJECT MANAGER Steve Adams - Chesterfield County Transportation - (804)751-4661
SURVEYED BY, Dewberry Engineers Inc., 4/18
DESIGNED BY Dewberry Engineers Inc. - (804) 205-3340
SUBSURFACE UTILITY BY, Accumark, Inc., 6/18

ROUTE 10 WESTBOUND

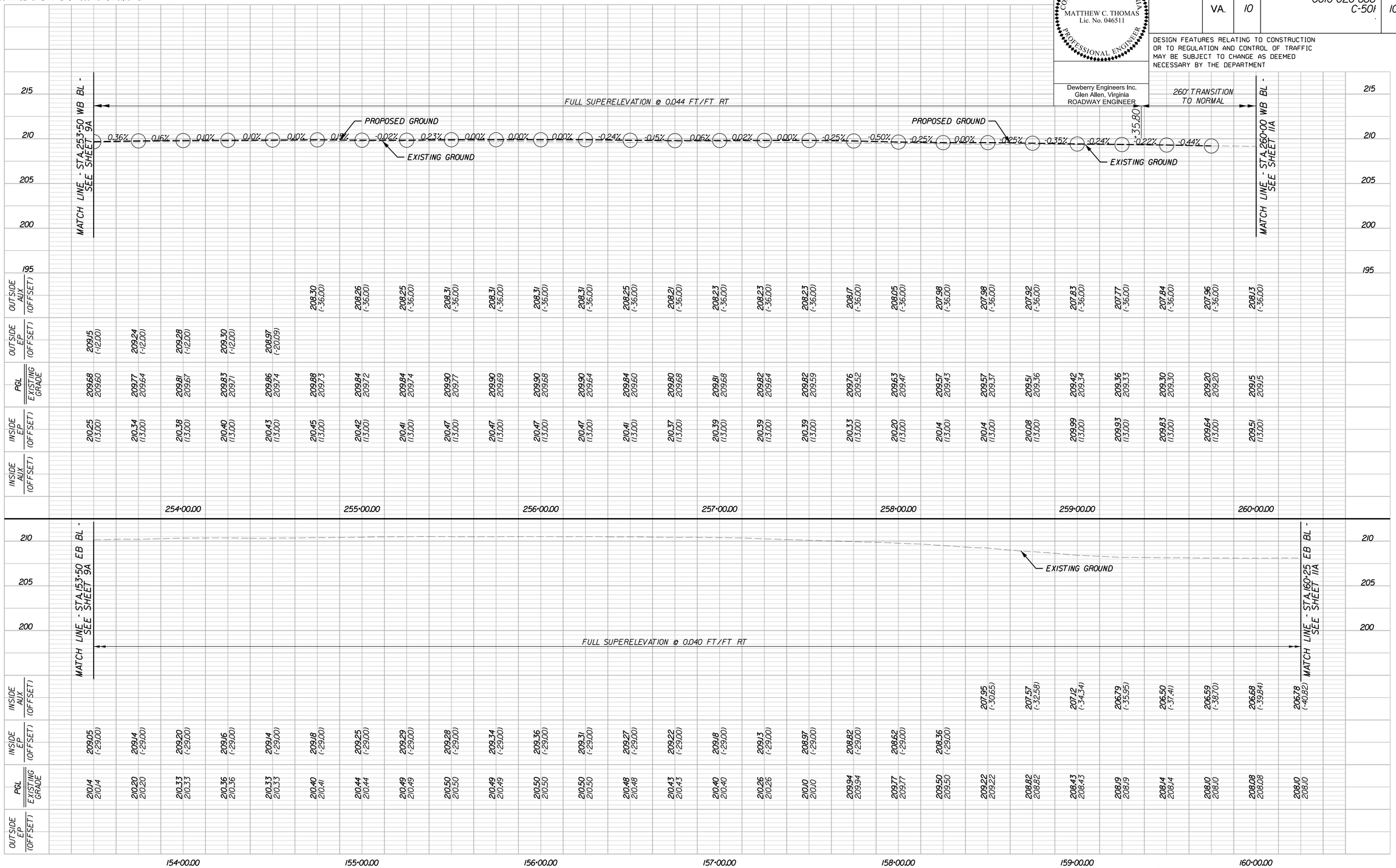
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION

COMMONWEALTH OF VIRGINIA
MATTHEW C. THOMAS
Lic. No. 046511
PROFESSIONAL ENGINEER

Dewberry Engineers Inc.
Glen Allen, Virginia
ROADWAY ENGINEER

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
-	VA.	10	0010-020-688 C-501	10A

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



ROUTE 10 EASTBOUND

HORIZ. 0 25' 50'
VERT. 0 5' 10'

PROJECT	SHEET NO.
0010-020-688	10A

PROJECT MANAGER Steve Adams - Chesterfield County Transportation - (804)751-4661
SURVEYED BY, Dewberry Engineers Inc., 4/18
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Glen Allen, Virginia
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REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
.	VA.	10	0010-020-688 R-201,C-501	11

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

Chesterfield County Utility Project #18-0011

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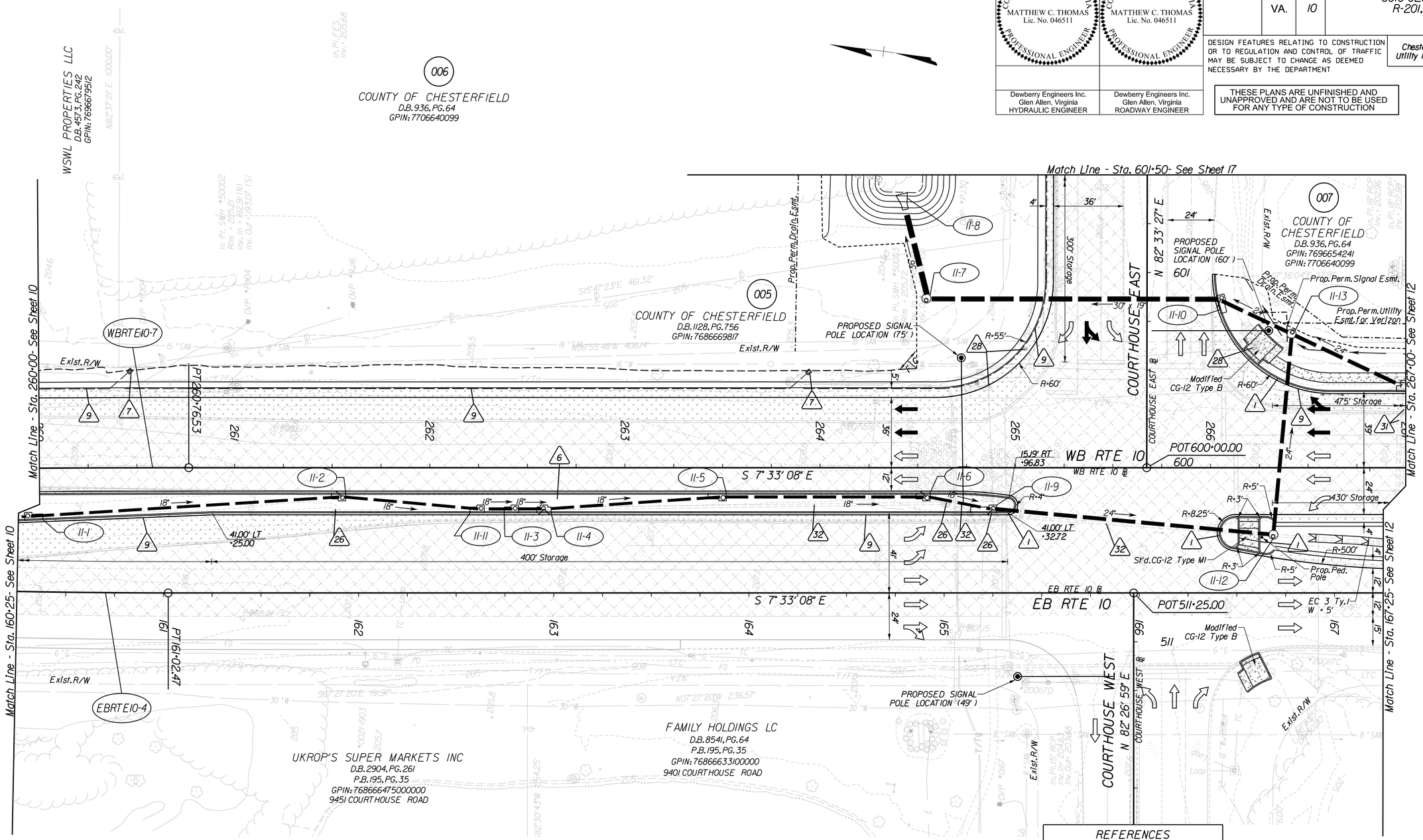

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REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

Alignment Data	1G
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Erosion & Sediment Control Phase 2	2E
Entrance Profiles	19
Drainage Descriptions	20
Ditch Tabulations	22
Route 10 Profiles	11A

SCALE 0 25' 50'

PROJECT	SHEET NO.
0064-965-229	11

PROJECT MANAGER Steve Adams - Chesterfield County Transportation - (804)751-4661
SURVEYED BY, Dewberry Engineers Inc., 4/18
DESIGNED BY Dewberry Engineers Inc. - (804) 205-3340
SUBSURFACE UTILITY BY, Accumark, Inc., 6/18

ROUTE 10 WESTBOUND

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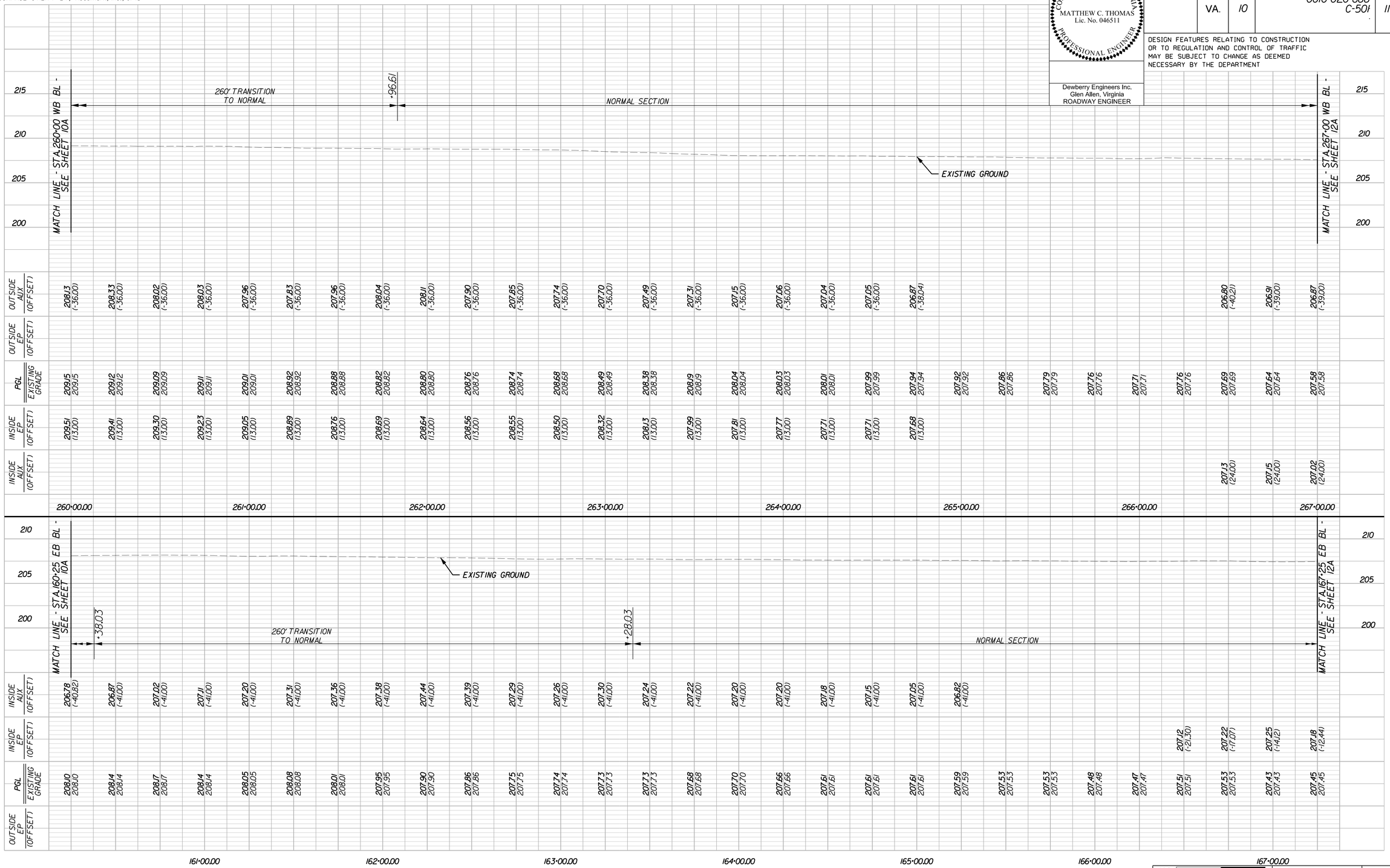
COMMONWEALTH OF VIRGINIA
MATTHEW C. THOMAS
Lic. No. 046511
PROFESSIONAL ENGINEER

Dewberry Engineers Inc.
Glen Allen, Virginia
ROADWAY ENGINEER

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
-	VA.	10	0010-020-688 C-501	11A

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



ROUTE 10 EASTBOUND

HORIZ. 0 25' 50'
VERT. 0 5' 10'

PROJECT	SHEET NO.
0010-020-688	11A

PROJECT MANAGER Steve Adams - Chesterfield County Transportation - (804)751-4661
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SUBSURFACE UTILITY BY, Accumark, Inc., 6/18

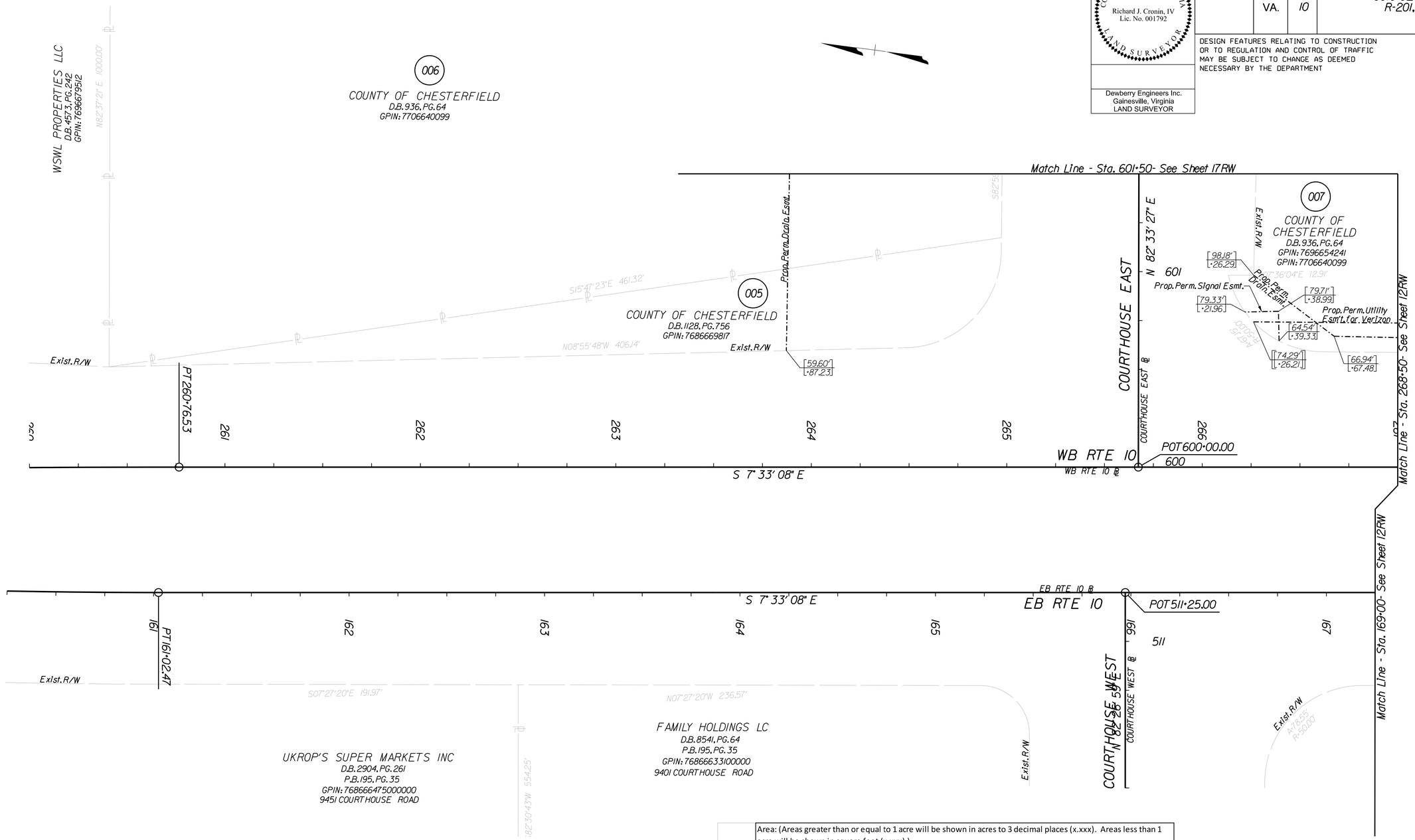
RIGHT OF WAY PLAN

COMMONWEALTH OF VIRGINIA
Richard J. Cronin, IV
Lic. No. 001792
LAND SURVEYOR

Dewberry Engineers Inc.
Gainesville, Virginia
LAND SURVEYOR

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
.	VA.	10	0010-020-688 R-201,C-501	11RW

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



Notes

1. This Right Of Way Sheet Represents A Field Run Survey Of The Proposed Right Of Way Limits. All Other Adjoining/Departing Boundary Lines Shown Are Compiled From Various Sources: Found Property Monumentation, Metes and Bounds, Descriptions And Record Plats. The Adjoining Lines Do Not Represent A Field Run Survey Of The Adjoining Properties And Are A Best Fit Based On Compiled Data.
2. All Of The Properties Physical Improvements Are Not Shown Hereon.
3. This Plan Sheet Was Prepared Without The Benefit Of A Title Report And May Not Show All Easements Which May Affect The Property Shown Hereon.
4. This Survey Datum Is Based On VDOT Project: 0010-020-688, RW-201, UPC 104889.
5. Right Of Way Monumentation To Be Set Upon Completion Of Construction.
6. Bearings And Distances In Parentheses Are From Recorded Plats Or Deed Data.

00.00' / +00.00 Figures Without Any Notation Denote Right Of Way/Limited Access Line
(00' / +00') Figures In Parentheses And Dot - Dot - Dashed Lines Denote Temporary Easements
[00' / +00] Figures In Brackets And Dot - Dashed Lines Denote Permanent Easements
[[00' / +00]] Figures In Double Brackets and Dot - Dashed Lines Denote Utility Easements

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 in square feet (x,xxx).)

Parcel No.	Property I.D. Number	Fee Taking	Perm. Ease.	Utility Ease.	Temp. Ease.	Temp. (Entrances) Ease.
		Acres or (Sq. Ft.)	Acres or (Sq. Ft.)	Acres or (Sq. Ft.)	Acres or (Sq. Ft.)	Acres or (Sq. Ft.)
005	7686669817		(4,810)			
006	7706640099		1.266		(7,581)	
007	7696654241, 7706640099		(4,280)[1]	(21,383)		

[1] Parcel contains 4,280 Sq. Ft. of Prop. Perm. Drainage Easement and 149 Sq. Ft. of Prop. Perm. Singal Easement and 149 Sq. Ft. of Overlap Between Them and 3,711 Sq. Ft. of Overlap with Prop. Utility Easements

○ St'd. RW-1
——— Denotes Prop. R/W
——— Denotes Prop. L/A
—··—··— Denotes Temp. Ease.
—··—··— Denotes Temp. Entr. Ease.
—·—·— Denotes Perm. Ease.
—·—·— Denotes Prop. Utility Ease.

SCALE	PROJECT	SHEET NO.
0 25' 50'	0010-020-688	11RW

PROJECT MANAGER Steve Adams - Chesterfield County Transportation - (804)751-4661
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SUBSURFACE UTILITY BY, Accumark, Inc., 6/18

COMMONWEALTH OF VIRGINIA MATTHEW C. THOMAS Lic. No. 046511 PROFESSIONAL ENGINEER	COMMONWEALTH OF VIRGINIA MATTHEW C. THOMAS Lic. No. 046511 PROFESSIONAL ENGINEER
Dewberry Engineers Inc. Glen Allen, Virginia HYDRAULIC ENGINEER	Dewberry Engineers Inc. Glen Allen, Virginia ROADWAY ENGINEER

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
.	VA.	10	0010-020-688 R-201, C-501	12

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Chesterfield County Utility Project #18-0011

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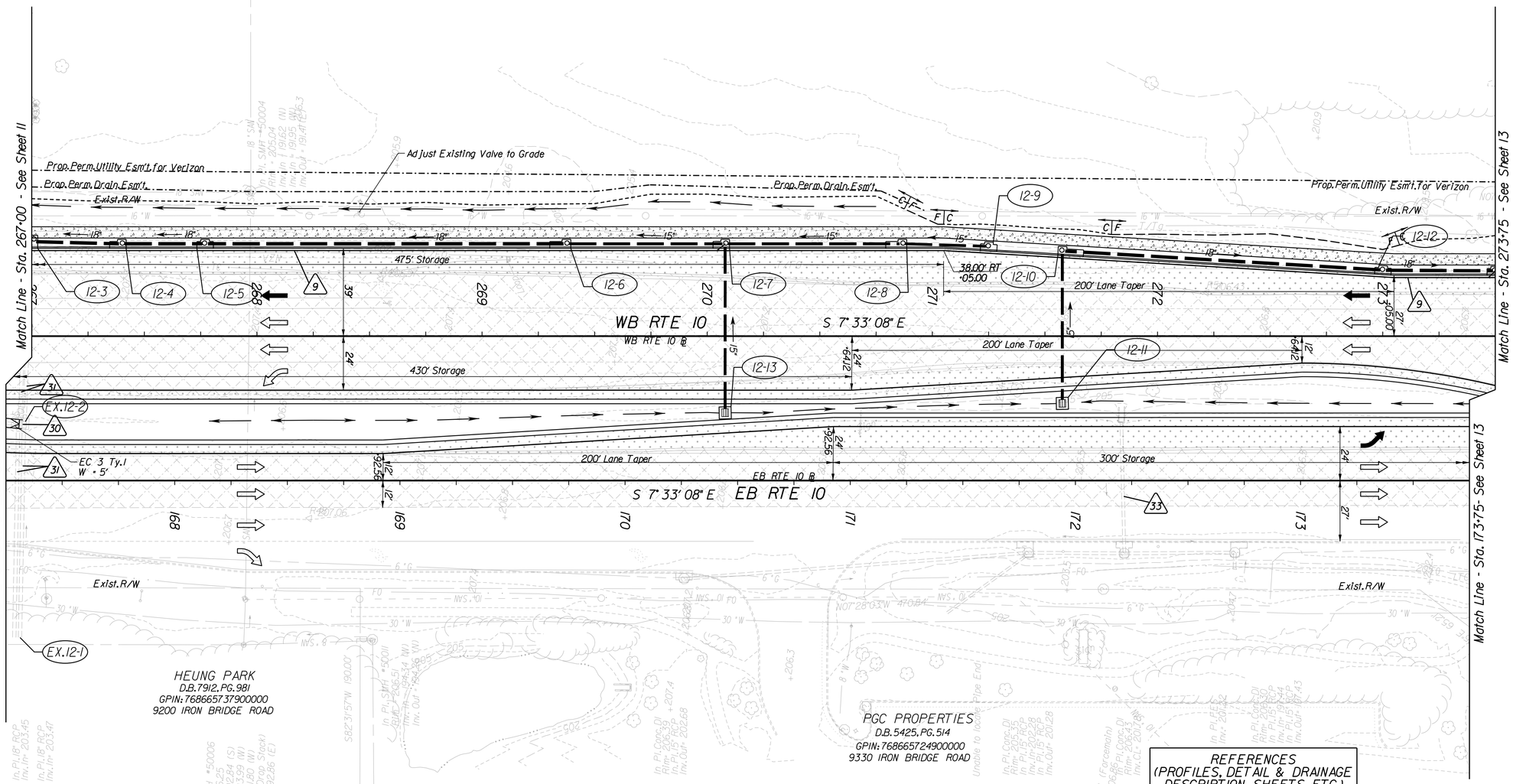

Key Legend (XX)

1 4" Curb, St'd. CG-3 Req'd.
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8 Median Underdrain, St'd. UD-2 Req'd.
9 Pavement Underdrain, St'd. UD-4 Req'd.
10 Crossdrain, St'd. CD-1 Req'd.
11 Crossdrain, St'd. CD-2 Req'd.
12 VDOT Fence, St'd. FE-CL Req'd.
13 Guardrail, St'd. GR-MGS1 Req'd.
14 Guardrail, St'd. GR-MGS1A Req'd.
15 Guardrail, St'd. GR-10 Req'd.
16 Guardrail Terminal, St'd. GR-MGS2 Req'd.
17 Trailing End Terminal, St'd. GR-MGS3 Req'd.
18 Guardrail Transition, St'd. GR-MGS4 Req'd.
19 Fixed Object Att., St'd. GR-FOA-2 Ty. I Req'd.
20 Fixed Object Att., St'd. GR-FOA-2 Ty. II Req'd.
21 Conc. Median Barrier, St'd. MB-7D Req'd.
22 Conc. Median Barrier, St'd. MB-7F Req'd.
23 Bridge Pier Protection, BPPS-1 Req'd.
24 Remove Exist. Guardrail
25 Remove Exist. Fence
26 Remove Exist. Structure
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28 Remove Exist. Pole
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30 Clean Out Exist. Structure
31 Clean Out Existing Pipe
32 Pipe To Be Removed
33 Pipe To Be Abandoned and Plugged
34 Stone For Erosion Control, St'd. EC-1 Class I Req'd.
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36 Stone For Erosion Control, St'd. EC-1 Class AI Req'd.
37 St'd. EC-3 Type B Outlet Protection Req'd.
38 Curb & Gutter, St'd. CG-9D Req'd.

Denotes Full Depth Pavement
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C ____ Denotes Construction Limits In Cuts
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Ditch Tabulations	22
Route 10 Profiles	12A

SCALE 0 25' 50'

PROJECT	SHEET NO.
0064-965-229	12

7/11/2019
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Plotted By: trydel

PROJECT MANAGER Steve Adams - Chesterfield County Transportation - (804)751-4661
SURVEYED BY, Dewberry Engineers Inc., 4/18
DESIGNED BY Dewberry Engineers Inc. - (804) 205-3340
SUBSURFACE UTILITY BY, Accumark, Inc., 6/18

ROUTE 10 WESTBOUND

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COMMONWEALTH OF VIRGINIA
MATTHEW C. THOMAS
Lic. No. 046511
PROFESSIONAL ENGINEER

Dewberry Engineers Inc.
Glen Allen, Virginia
ROADWAY ENGINEER

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
-	VA.	10	0010-020-688 C-501	12A

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

MATCH LINE - STA 267+00 WB BL - SEE SHEET 11A

NORMAL SECTION

EXISTING GROUND

MATCH LINE - STA 273+75 WB BL - SEE SHEET 13A

Station	OUTSIDE AUX (OFFSET)	OUTSIDE EP (OFFSET)	PGL EXISTING GRADE	INSIDE EP (OFFSET)	INSIDE AUX (OFFSET)
267+00.00	206.87 (-39.00)		207.58 207.58		207.02 (24.00)
	206.77 (-39.00)		207.51 207.51		207.01 (24.00)
	206.72 (-39.00)		207.49 207.49		207.13 (24.00)
	206.61 (-39.00)		207.44 207.44		207.13 (24.00)
268+00.00	206.64 (-39.00)		207.39 207.39		207.03 (24.00)
	206.71 (-39.00)		207.38 207.38		207.09 (24.00)
	206.62 (-39.00)		207.38 207.38		207.14 (24.00)
	206.58 (-39.00)		207.38 207.38		207.16 (24.00)
269+00.00	206.48 (-39.00)		207.36 207.36		207.20 (24.00)
	206.42 (-39.00)		207.32 207.32		207.15 (24.00)
	206.28 (-39.00)		207.23 207.23		207.02 (24.00)
	206.07 (-39.00)		207.18 207.18		206.80 (24.00)
270+00.00	205.98 (-39.00)		207.15 207.15		206.82 (24.00)
	205.92 (-39.00)		207.15 207.15		206.73 (24.00)
	205.82 (-39.00)		207.16 207.16		206.67 (24.00)
	205.79 (-39.00)		207.13 207.13		206.64 (23.35)
271+00.00	205.62 (-39.00)		207.10 207.10		206.59 (21.85)
	205.52 (-37.80)		207.02 207.02		206.51 (20.35)
	205.59 (-36.30)		206.92 206.92		206.47 (18.85)
	205.76 (-34.80)		206.86 206.86		206.60 (17.35)
272+00.00	205.83 (-33.30)		206.84 206.84		206.54 (15.85)
	206.11 (-31.80)		206.81 206.81		206.56 (14.35)
	206.36 (-30.30)		206.81 206.81		206.54 (12.85)
	206.33 (-28.80)		206.77 206.77		206.43 (12.16)
273+00.00	206.31 (-27.30)		206.74 206.74		206.37 (13.72)
		206.33 (-27.00)	206.71 206.71		206.28 (16.97)
		206.28 (-27.00)	206.73 206.73		206.17 (21.97)
274+00.00		206.40 (-27.00)	206.67 206.67		

EXISTING GROUND

NORMAL SECTION

MATCH LINE - STA 167+25 EB BL - SEE SHEET 11A

MATCH LINE - STA 173+75 EB BL - SEE SHEET 13A

Station	OUTSIDE EP (OFFSET)	PGL EXISTING GRADE	INSIDE EP (OFFSET)	INSIDE AUX (OFFSET)
167+00.00		207.45 207.45	207.18 (-12.44)	
		207.37 207.37	207.13 (-12.00)	
		207.26 207.26	207.05 (-12.00)	
168+00.00		207.18 207.18	206.98 (-12.00)	
		207.12 207.12	206.96 (-12.00)	
		207.19 207.19	207.07 (-12.00)	
		207.15 207.15	207.02 (-12.00)	
169+00.00		207.10 207.10		206.99 (-12.45)
		207.09 207.09		206.94 (-13.95)
		207.05 207.05		206.87 (-15.45)
		207.07 207.07		206.81 (-16.95)
170+00.00		207.01 207.01		206.68 (-18.45)
		206.88 206.88		206.73 (-19.95)
		206.71 206.71		206.74 (-21.45)
		206.63 206.63		206.63 (-22.95)
171+00.00		206.59 206.59		206.60 (-24.00)
		206.58 206.58		206.65 (-24.00)
		206.55 206.55		206.61 (-24.00)
		206.54 206.54		206.53 (-24.00)
172+00.00		206.50 206.50		206.56 (-24.00)
		206.51 206.51		206.60 (-24.00)
		206.52 206.52		206.57 (-24.00)
		206.52 206.52		206.57 (-24.00)
173+00.00		206.52 206.52		206.59 (-24.00)
		206.57 206.57		206.65 (-24.00)
		206.69 206.69		206.70 (-24.00)
174+00.00		206.75 206.75		206.78 (-24.00)

ROUTE 10 EASTBOUND

HORIZ. 0 25' 50'
VERT. 0 5' 10'

PROJECT	SHEET NO.
0010-020-688	12A

PROJECT MANAGER Steve Adams - Chesterfield County Transportation - (804)751-4661
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RIGHT OF WAY PLAN

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REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
.	VA.	10	0010-020-688 R-201,C-501 .	12RW

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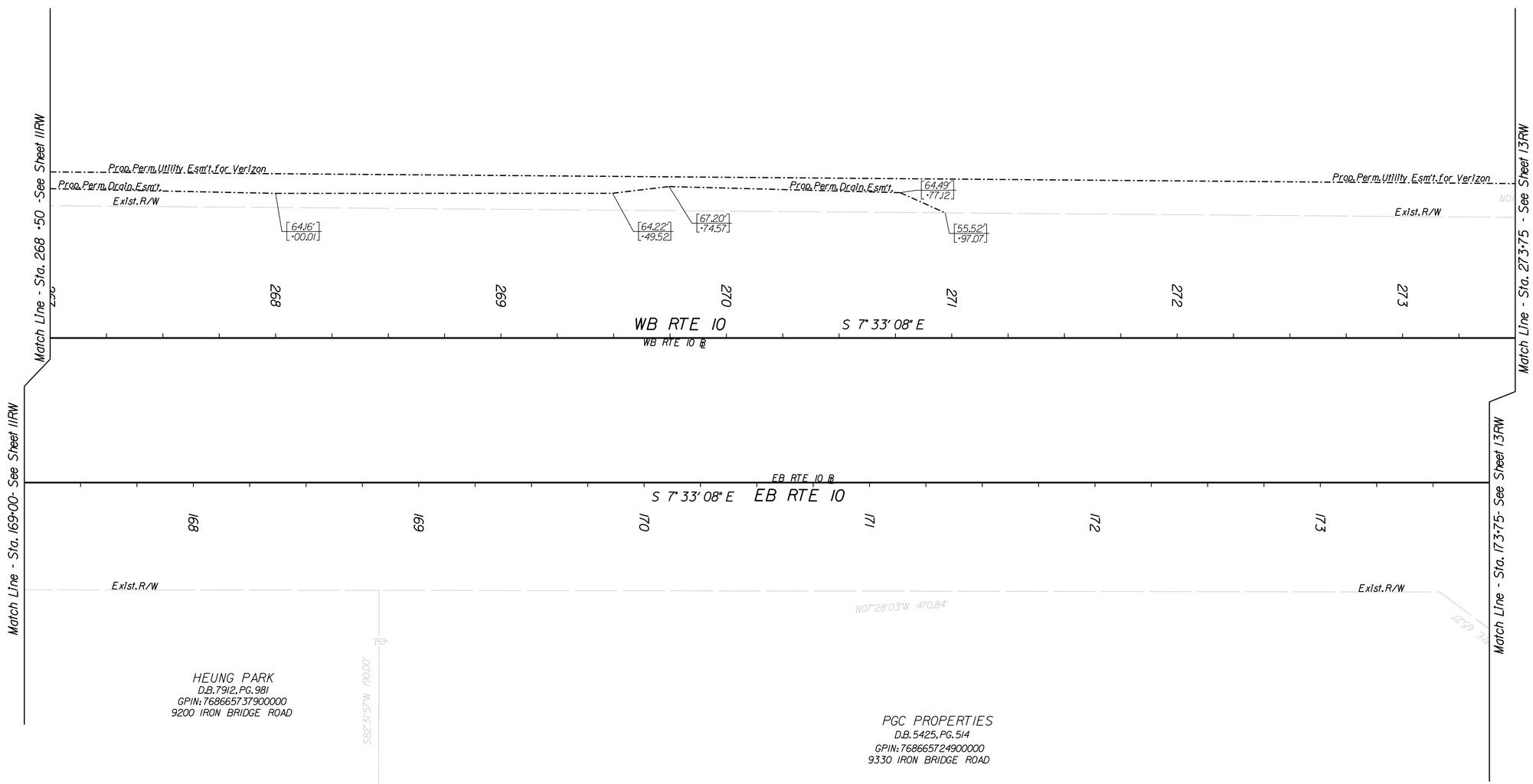

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Area: (Areas greater than or equal to 1 acre will be shown in acres to 3 decimal places (x.xxx). Areas less than 1 acre will be shown in square feet (x,xxx).)

Parcel No.	Property I.D. Number	Fee Taking	Perm. Ease.	Utility Ease.	Temp. Ease.	Temp. (Entrances) Ease.
		Acres or (Sq. Ft.)	Acres or (Sq. Ft.)	Acres or (Sq. Ft.)	Acres or (Sq. Ft.)	Acres or (Sq. Ft.)
007	7696654241, 7706640099		(4,280)[1]	(21,383)		

[1] Parcel contains 4,280 Sq. Ft. of Prop. Perm. Drainage Easement and 149 Sq. Ft. of Prop. Perm. Singal Easement and 149 Sq. Ft. of Overlap Between Them and 3,711 Sq. Ft. of Overlap with Prop. Utility Easements

⊙ St'd. RM-1
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SCALE 0 25' 50'

PROJECT	SHEET NO.
0010-020-688	12RW

PROJECT MANAGER Steve Adams - Chesterfield County Transportation - (804)751-4661
SURVEYED BY, Dewberry Engineers Inc., 4/18
DESIGNED BY Dewberry Engineers Inc. - (804) 205-3340
SUBSURFACE UTILITY BY, Accumark, Inc., 6/18

COMMONWEALTH OF VIRGINIA
MATTHEW C. THOMAS
Lic. No. 046511
PROFESSIONAL ENGINEER

Dewberry Engineers Inc.
Glen Allen, Virginia
HYDRAULIC ENGINEER

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Dewberry Engineers Inc.
Glen Allen, Virginia
ROADWAY ENGINEER

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
.	VA.	10	0010-020-688 R-201,C-501	13

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

Chesterfield County Utility Project #18-0011

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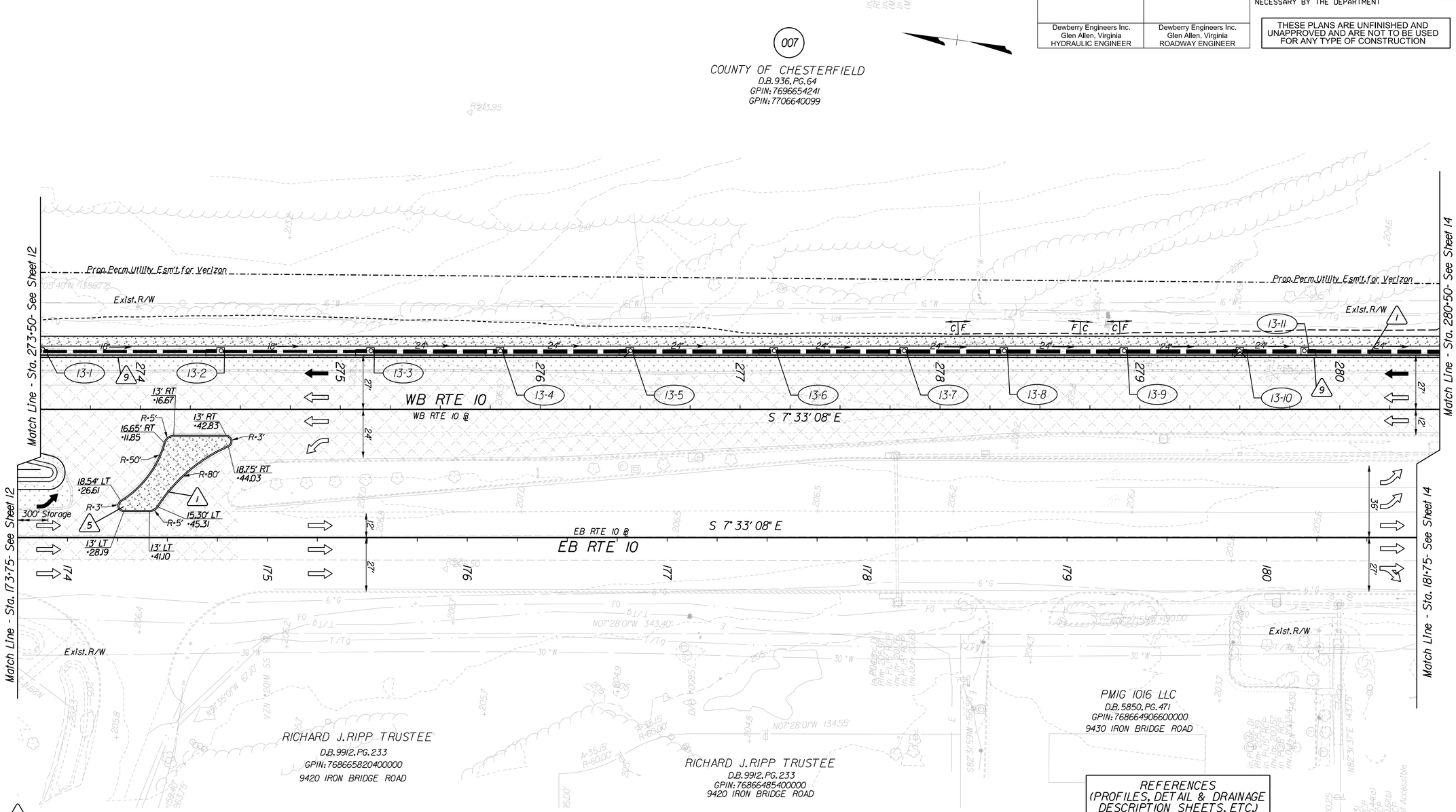

Key Legend (XX)

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5 Conc. Raised Median, Std. MS-1A Req'd.
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7 Underdrain Endwall, Std. EW-12 Req'd.
8 Median Underdrain, Std. UD-2 Req'd.
9 Pavement Underdrain, Std. UD-4 Req'd.
10 Crossdrain, Std. CD-1 Req'd.
11 Crossdrain, Std. CD-2 Req'd.
12 VDOT Fence, Std. FE-CL Req'd.
13 Guardrail, Std. GR-MGS1 Req'd.
14 Guardrail, Std. GR-MGS1A Req'd.
15 Guardrail, Std. GR-10 Req'd.
16 Guardrail Terminal, Std. GR-MGS2 Req'd.
17 Trailing End Terminal, Std. GR-MGS3 Req'd.
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20 Fixed Object Att., Std. GR-FOA-2 Ty. II Req'd.
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C Denotes Construction Limits In Cuts
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REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

Alignment Data	1G
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Erosion & Sediment Control Phase 2	2E
Entrance Profiles	19
Drainage Descriptions	20
Ditch Tabulations	22
Rotue 10 Profiles	13A

SCALE 0 25' 50'

PROJECT	SHEET NO.
0064-965-229	13

PROJECT MANAGER Steve Adams - Chesterfield County Transportation - (804)751-4661
SURVEYED BY, Dewberry Engineers Inc., 4/18
DESIGNED BY Dewberry Engineers Inc. - (804) 205-3340
SUBSURFACE UTILITY BY, Accumark, Inc., 6/18

ROUTE 10 WESTBOUND

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COMMONWEALTH OF VIRGINIA
MATTHEW C. THOMAS
Lic. No. 046511
PROFESSIONAL ENGINEER

Dewberry Engineers Inc.
Glen Allen, Virginia
ROADWAY ENGINEER

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
-	VA.	10	0010-020-688 C-501	13A

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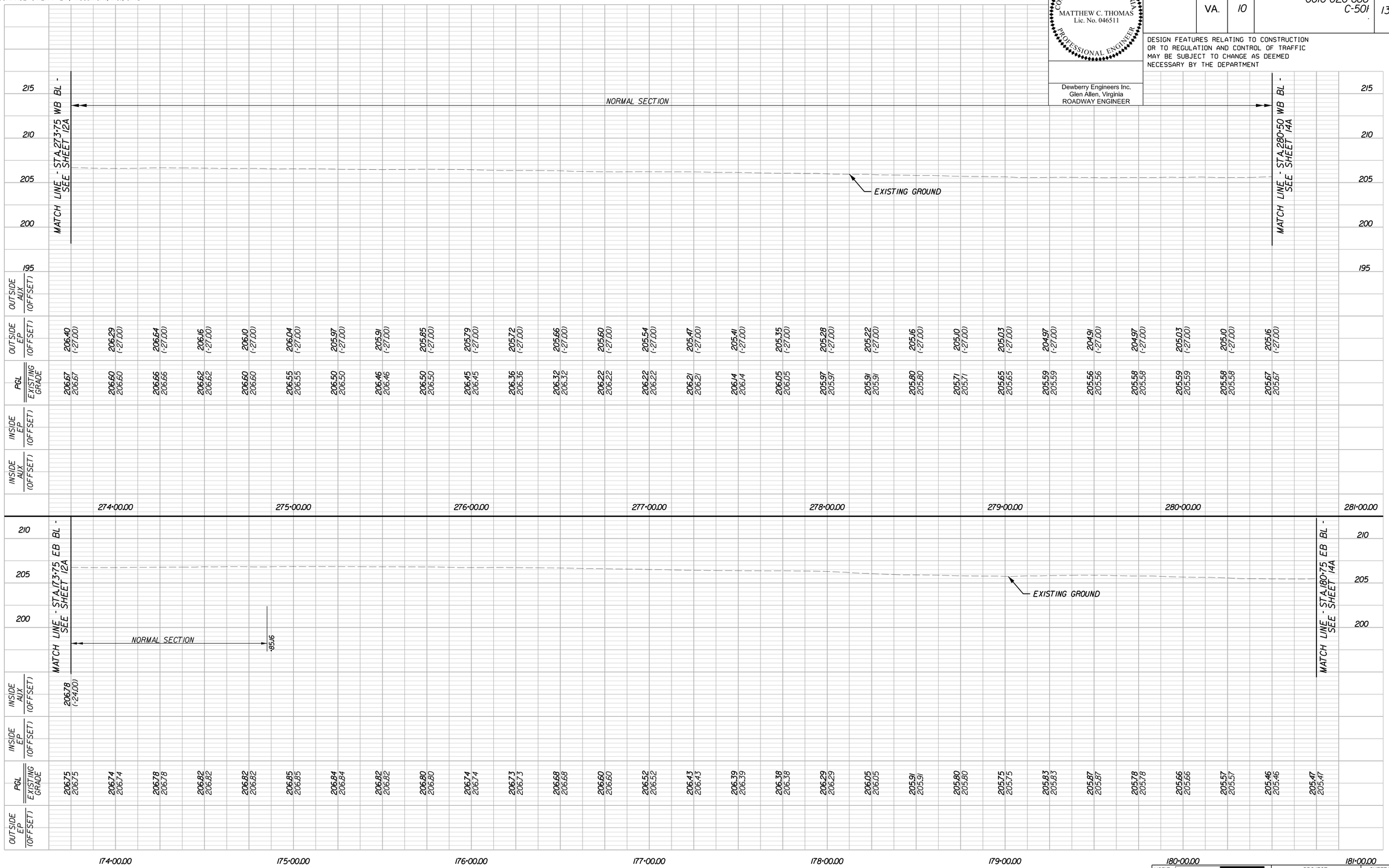

ROUTE 10 EASTBOUND

HORIZ. 0 25' 50'
VERT. 0 5' 10'

PROJECT	SHEET NO.
0010-020-688	13A

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RIGHT OF WAY PLAN

COMMONWEALTH OF VIRGINIA
Richard J. Cronin, IV
Lic. No. 001792
LAND SURVEYOR

Dewberry Engineers Inc.
Gainesville, Virginia
LAND SURVEYOR

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
.	VA.	10	0010-020-688 R-201,C-501	13RW

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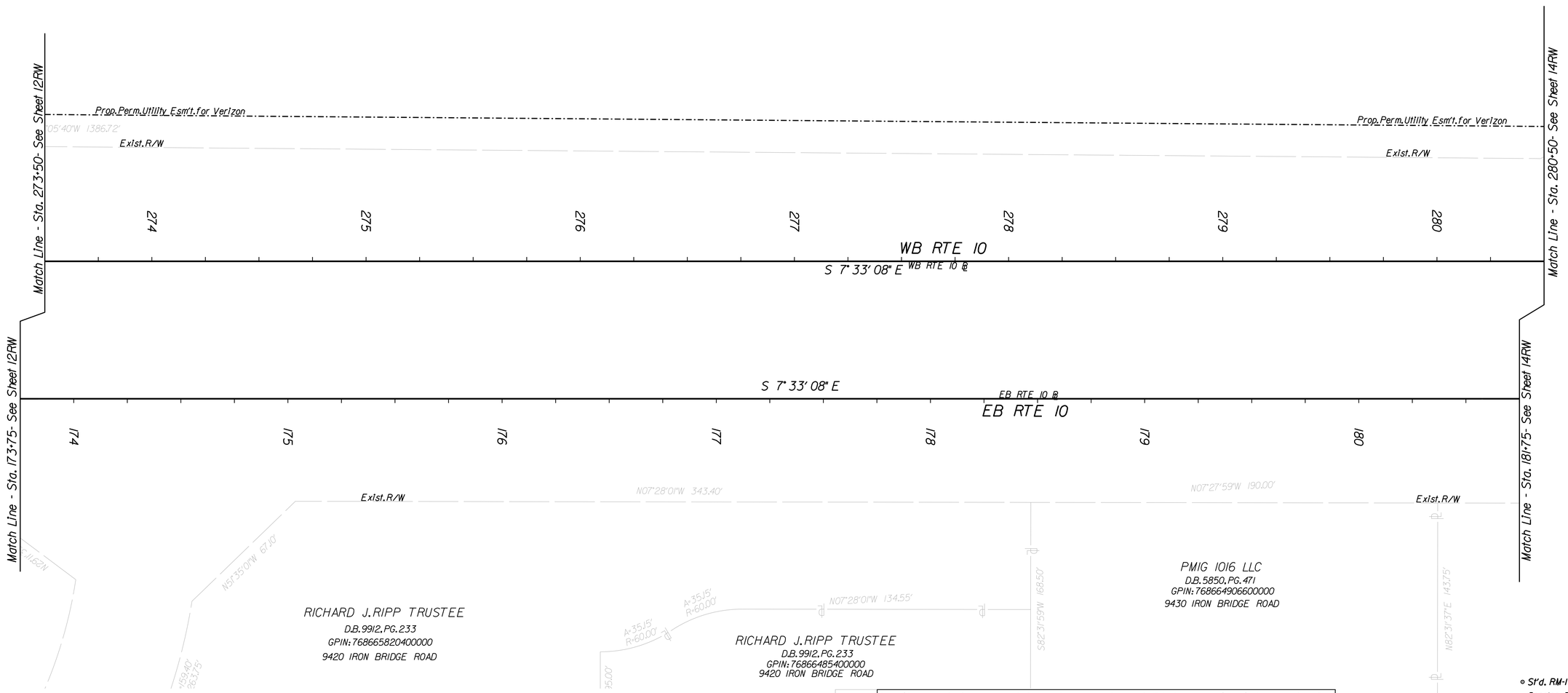

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		Acres or (Sq. Ft.)	Acres or (Sq. Ft.)	Acres or (Sq. Ft.)	Acres or (Sq. Ft.)	Acres or (Sq. Ft.)
007	7696654241, 7706640099		(4,280)[1]	(21,383)		

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SCALE 0 25' 50'

PROJECT	SHEET NO.
0010-020-688	13RW

PROJECT MANAGER Steve Adams - Chesterfield County Transportation - (804)751-4661
SURVEYED BY, Dewberry Engineers Inc., 4/18
DESIGNED BY Dewberry Engineers Inc. - (804) 205-3340
SUBSURFACE UTILITY BY, Accumark, Inc., 6/18

COMMONWEALTH OF VIRGINIA MATTHEW C. THOMAS Lic. No. 046511 PROFESSIONAL ENGINEER	COMMONWEALTH OF VIRGINIA MATTHEW C. THOMAS Lic. No. 046511 PROFESSIONAL ENGINEER
Dewberry Engineers Inc. Glen Allen, Virginia HYDRAULIC ENGINEER	Dewberry Engineers Inc. Glen Allen, Virginia ROADWAY ENGINEER

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
.	VA.	10	0010-020-688 R-201,C-501 .	14

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Chesterfield County Utility Project #18-0011

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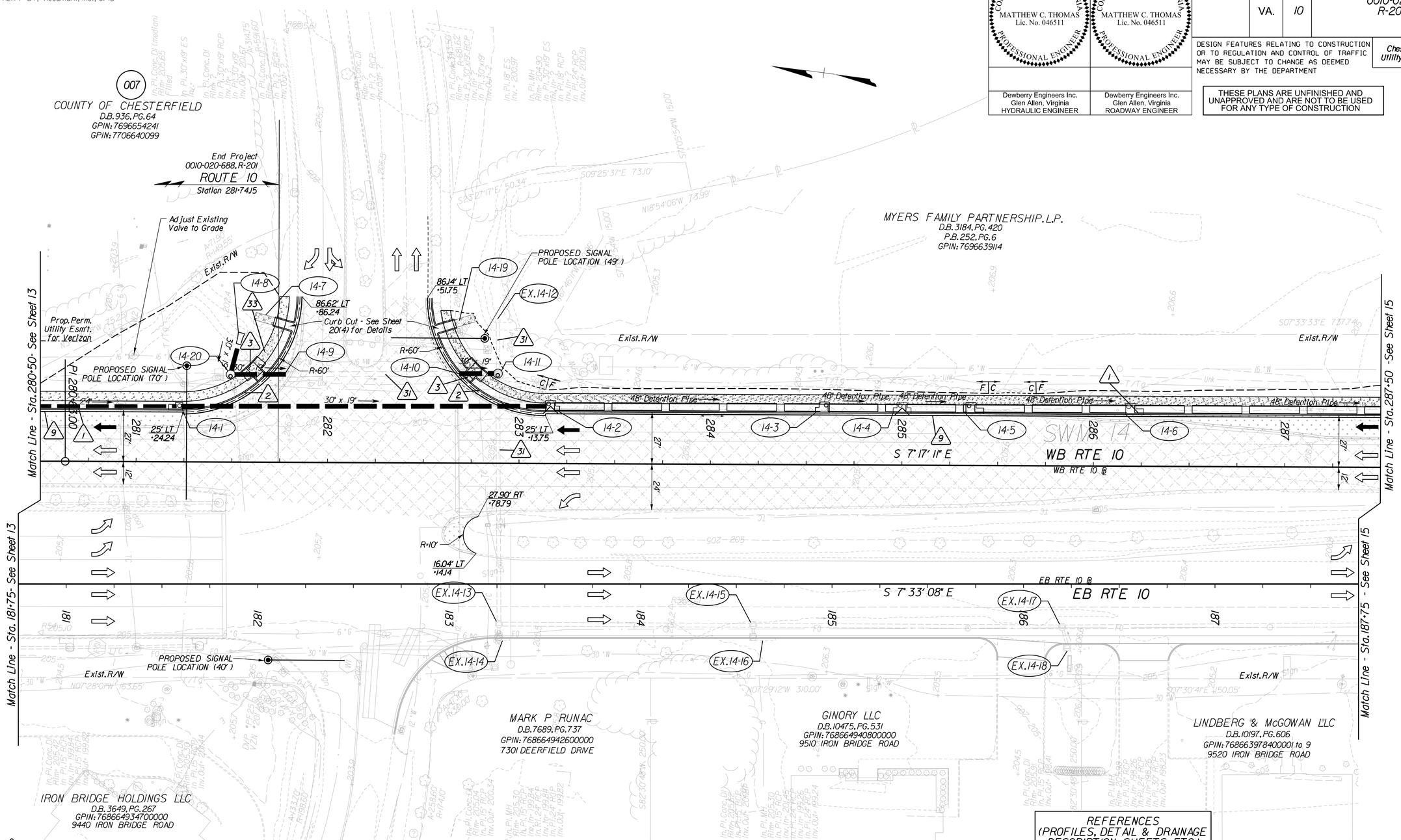

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3	Curb Ramp, Std. CG-12 Type B Req'd.	15	Guardrail, Std. GR-10 Req'd.	28	Remove Exist. Pole
4	Conc. Raised Median, Std. MS-1 Req'd.	16	Guardrail Terminal, Std. GR-MGS2 Req'd.	29	Adjust Exist. Structure
5	Conc. Raised Median, Std. MS-1A Req'd.	17	Trailing End Terminal, Std. GR-MGS3 Req'd.	30	Clean Out Exist. Structure
6	Grass Raised Median, Std. MS-2 Req'd.	18	Guardrail Transition, Std. GR-MGS4 Req'd.	31	Clean Out Existing Pipe
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Route 10 Profiles	14A

SCALE 0 25' 50'

PROJECT	SHEET NO.
0064-965-229	14

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SUBSURFACE UTILITY BY, Accumark, Inc., 6/18

ROUTE 10 WESTBOUND

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COMMONWEALTH OF VIRGINIA
MATTHEW C. THOMAS
Lic. No. 046511
PROFESSIONAL ENGINEER

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Glen Allen, Virginia
ROADWAY ENGINEER

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
.	VA.	10	0010-020-688 C-501	14A

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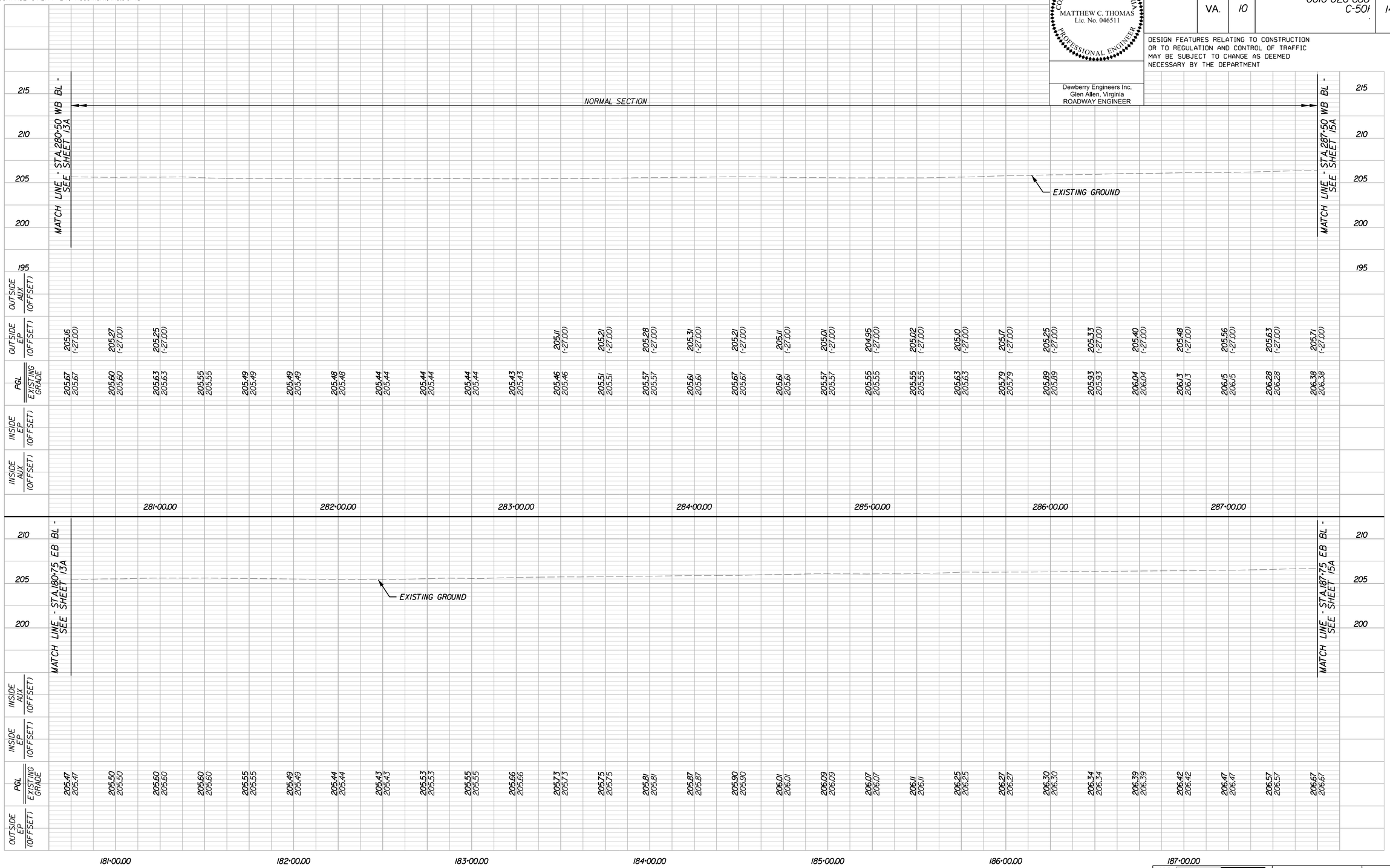

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0010-020-688	14A

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RIGHT OF WAY PLAN

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REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
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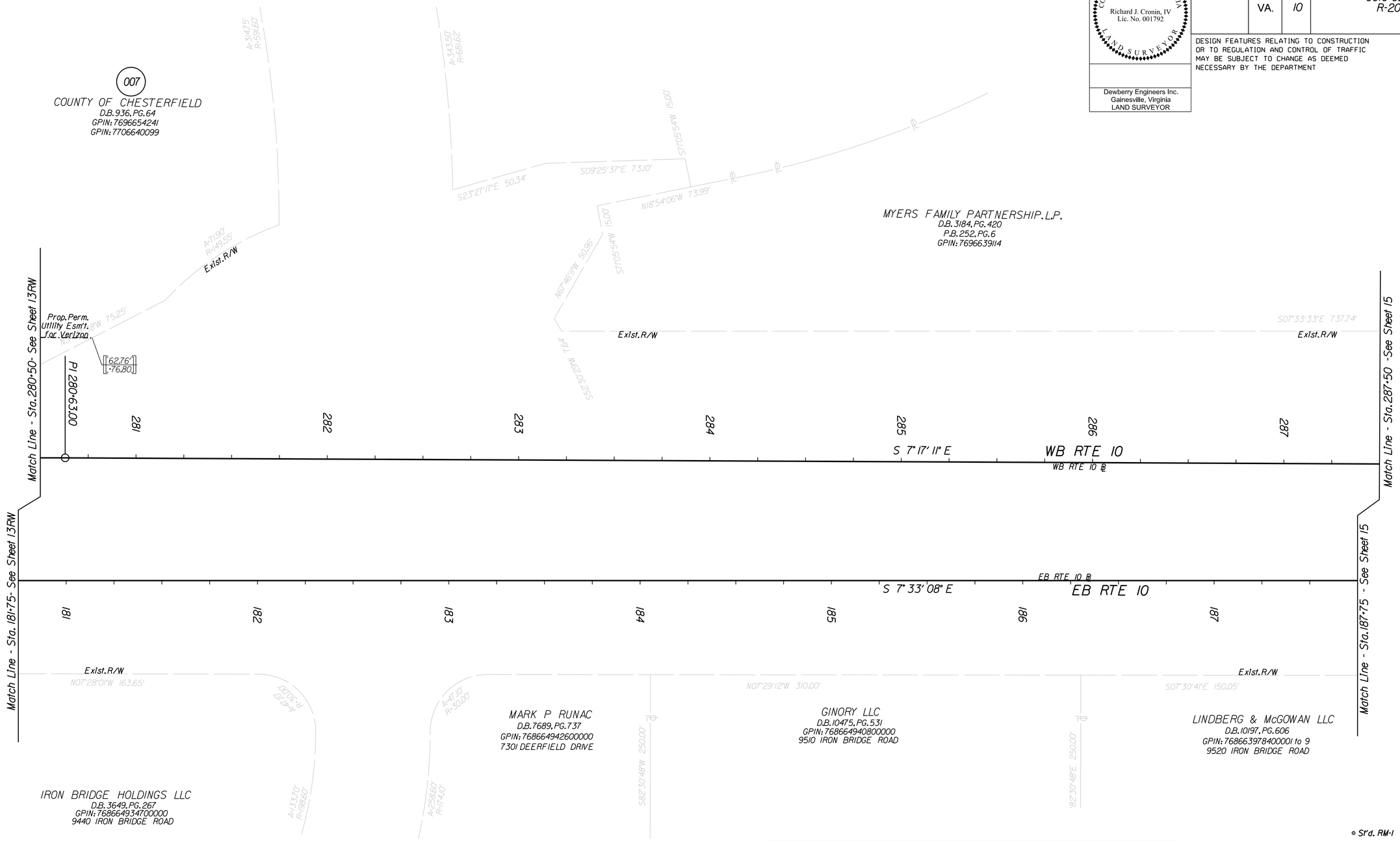

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SCALE 0 25' 50'

PROJECT	SHEET NO.
0010-020-688	14RW

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REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
.	VA.	10	0010-020-688 R-201,C-501 .	15

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Chesterfield County Utility Project #18-0011

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Notes:
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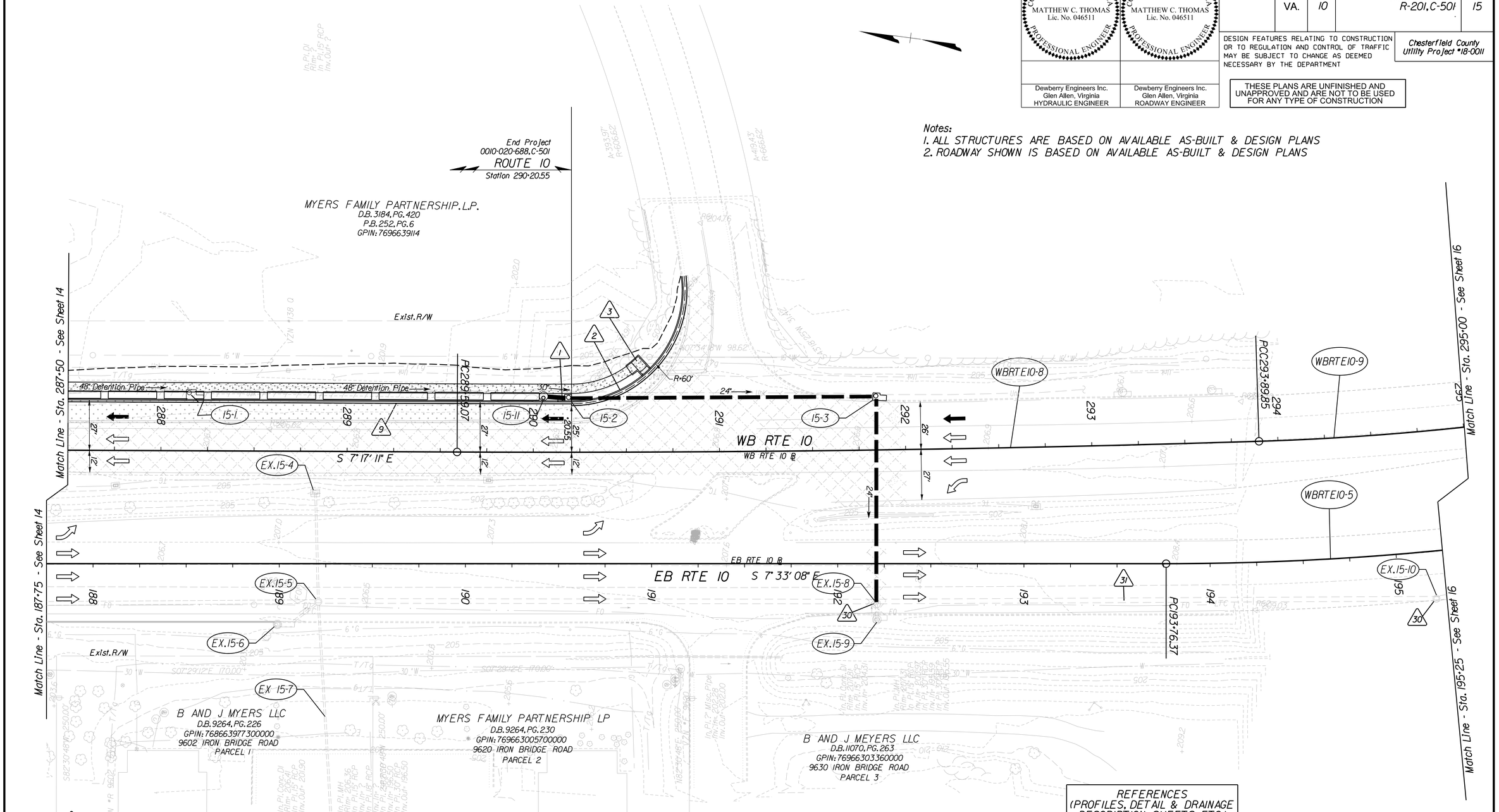
2. ROADWAY SHOWN IS BASED ON AVAILABLE AS-BUILT & DESIGN PLANS



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14 Guardrail, Std. GR-MGS1A Req'd.
15 Guardrail, Std. GR-10 Req'd.
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SCALE 0 25' 50'

PROJECT	SHEET NO.
0064-965-229	15

PROJECT MANAGER Steve Adams - Chesterfield County Transportation - (804)751-4661
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ROUTE 10 WESTBOUND

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REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
-	VA.	10	0010-020-688 C-501	15A

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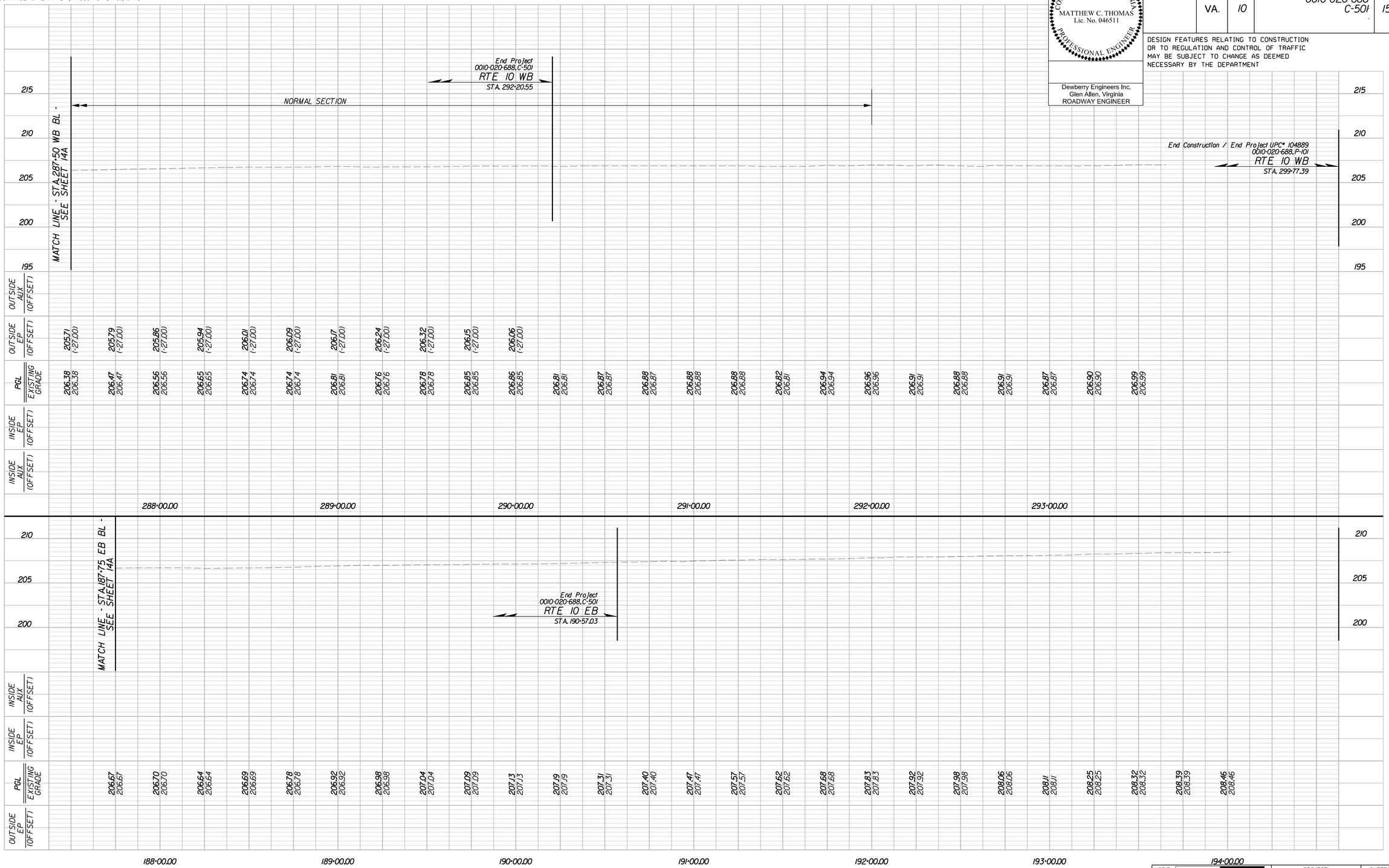


ROUTE 10 EASTBOUND

HORIZ. 0 25' 50'
VERT. 0 5' 10'

PROJECT	SHEET NO.
0010-020-688	15A

PROJECT MANAGER Steve Adams - Chesterfield County Transportation - (804)751-4661
SURVEYED BY, Dewberry Engineers Inc., 4/18
DESIGNED BY Dewberry Engineers Inc. - (804) 205-3340
SUBSURFACE UTILITY BY, Accumark, Inc., 6/18

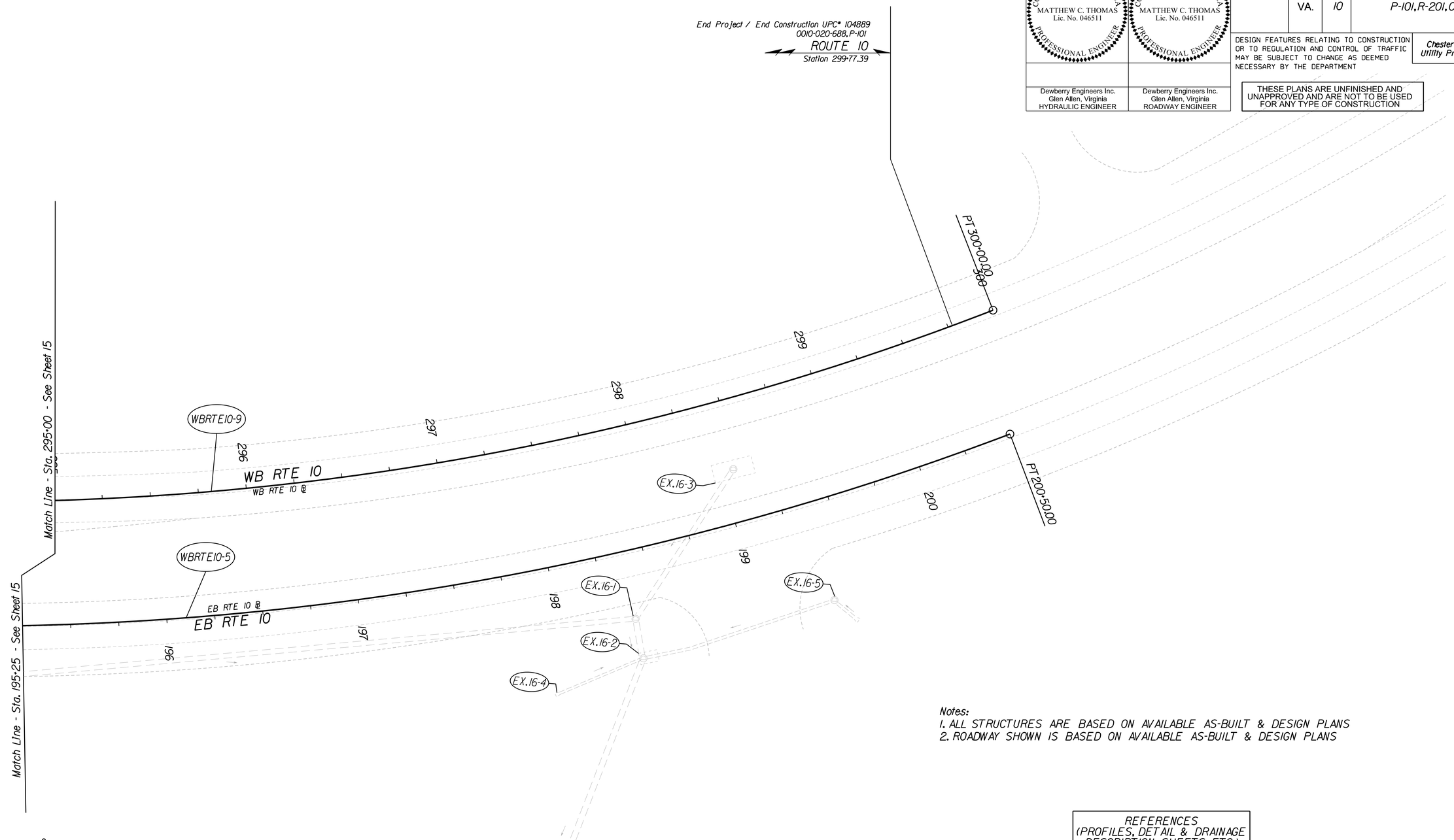
COMMONWEALTH OF VIRGINIA MATTHEW C. THOMAS Lic. No. 046511 PROFESSIONAL ENGINEER	COMMONWEALTH OF VIRGINIA MATTHEW C. THOMAS Lic. No. 046511 PROFESSIONAL ENGINEER
Dewberry Engineers Inc. Glen Allen, Virginia HYDRAULIC ENGINEER	Dewberry Engineers Inc. Glen Allen, Virginia ROADWAY ENGINEER

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
.	VA.	10	0010-020-688 P-101,R-201,C-501	16

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

Chesterfield County
Utility Project #18-0011

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION



Notes:
1. ALL STRUCTURES ARE BASED ON AVAILABLE AS-BUILT & DESIGN PLANS
2. ROADWAY SHOWN IS BASED ON AVAILABLE AS-BUILT & DESIGN PLANS

Key Legend XX

1	4" Curb, Std. CG-3 Req'd.	13	Guardrail, Std. GR-MGS1 Req'd.	26	Remove Exist. Structure
2	4" Curb & Gutter, CG-7 Req'd.	14	Guardrail, Std. GR-MGS1A Req'd.	27	Remove Exist. Pipe
3	Curb Ramp, Std. CG-12 Type B Req'd.	15	Guardrail, Std. GR-10 Req'd.	28	Remove Exist. Pole
4	Conc. Raised Median, Std. MS-1 Req'd.	16	Guardrail Terminal, Std. GR-MGS2 Req'd.	29	Adjust Exist. Structure
5	Conc. Raised Median, Std. MS-1A Req'd.	17	Trailing End Terminal, Std. GR-MGS3 Req'd.	30	Clean Out Exist. Structure
6	Grass Raised Median, Std. MS-2 Req'd.	18	Guardrail Transition, Std. GR-MGS4 Req'd.	31	Clean Out Existing Pipe
7	Underdrain Endwall, Std. EW-12 Req'd.	19	Fixed Object Att., Std. GR-FOA-2 Ty. I Req'd.	32	Pipe To Be Removed
8	Median Underdrain, Std. UD-2 Req'd.	20	Fixed Object Att., Std. GR-FOA-2 Ty. II Req'd.	33	Pipe To Be Abandoned and Plugged
9	Pavement Underdrain, Std. UD-4 Req'd.	21	Conc. Median Barrier, Std. MB-7D Req'd.	34	Stone For Erosion Control, Std. EC-1 Class I Req'd.
10	Crossdrain, Std. CD-1 Req'd.	22	Conc. Median Barrier, Std. MB-7F Req'd.	35	Stone For Erosion Control, Std. EC-1 Class II Req'd.
11	Crossdrain, Std. CD-2 Req'd.	23	Bridge Pier Protection, BPPS-1 Req'd.	36	Stone For Erosion Control, Std. EC-1 Class AI Req'd.
12	VDOT Fence, Std. FE-CL Req'd.	24	Remove Exist. Guardrail	37	Std. EC-3 Type B Outlet Protection Req'd.
		25	Remove Exist. Fence	38	Curb & Gutter, Std. CG-9D Req'd.

Denotes Full Depth Pavement
Denotes Pavement Demolition
Denotes Pavement Overlay
Denotes Milling and Overlay
Denotes Concrete
C Denotes Construction Limits In Cuts
F Denotes Construction Limits In Fills

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Alignment Data	1G
Erosion & Sediment Control Phase 1	2D
Erosion & Sediment Control Phase 2	2E
Entrance Profiles	19
Drainage Descriptions	20

SCALE 0 25' 50'

PROJECT	SHEET NO.
0064-965-229	16

PROJECT MANAGER Steve Adams - Chesterfield County Transportation - (804)751-4661
SURVEYED BY, Dewberry Engineers Inc., 4/18
DESIGNED BY Dewberry Engineers Inc. - (804) 205-3340
SUBSURFACE UTILITY BY, Accumark, Inc., 6/18

COMMONWEALTH OF VIRGINIA
MATTHEW C. THOMAS
Lic. No. 046511
PROFESSIONAL ENGINEER

Dewberry Engineers Inc.
Glen Allen, Virginia
HYDRAULIC ENGINEER

COMMONWEALTH OF VIRGINIA
MATTHEW C. THOMAS
Lic. No. 046511
PROFESSIONAL ENGINEER

Dewberry Engineers Inc.
Glen Allen, Virginia
ROADWAY ENGINEER

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
.	VA.	10	0010-020-688 R-201,C-501	17

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

Chesterfield County Utility Project #18-0011

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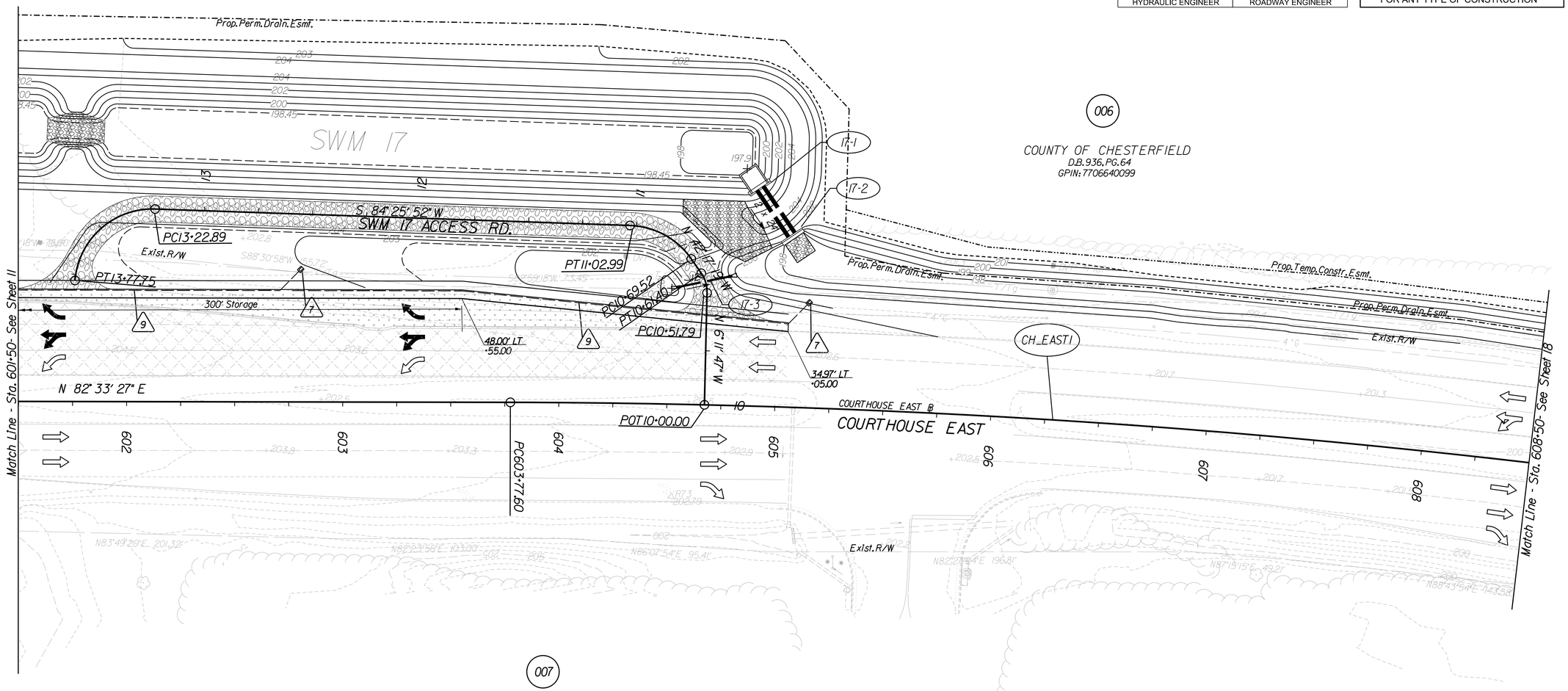

Key Legend (XX)

1 4" Curb, Std. CG-3 Req'd.
2 4" Curb & Gutter, CG-7 Req'd.
3 Curb Ramp, Std. CG-12 Type B Req'd.
4 Conc. Raised Median, Std. MS-1 Req'd.
5 Conc. Raised Median, Std. MS-1A Req'd.
6 Grass Raised Median, Std. MS-2 Req'd.
7 Underdrain Endwall, Std. EW-12 Req'd.
8 Median Underdrain, Std. UD-2 Req'd.
9 Pavement Underdrain, Std. UD-4 Req'd.
10 Crossdrain, Std. CD-1 Req'd.
11 Crossdrain, Std. CD-2 Req'd.
12 VDOT Fence, Std. FE-CL Req'd.
13 Guardrail, Std. GR-MGS1 Req'd.
14 Guardrail, Std. GR-MGS1A Req'd.
15 Guardrail, Std. GR-10 Req'd.
16 Guardrail Terminal, Std. GR-MGS2 Req'd.
17 Trailing End Terminal, Std. GR-MGS3 Req'd.
18 Guardrail Transition, Std. GR-MGS4 Req'd.
19 Fixed Object Att., Std. GR-FOA-2 Ty. I Req'd.
20 Fixed Object Att., Std. GR-FOA-2 Ty. II Req'd.
21 Conc. Median Barrier, Std. MB-7D Req'd.
22 Conc. Median Barrier, Std. MB-7F Req'd.
23 Bridge Pier Protection, BPPS-1 Req'd.
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25 Remove Exist. Fence
26 Remove Exist. Structure
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34 Stone For Erosion Control, Std. EC-1 Class I Req'd.
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Alignment Data	1G
Erosion & Sediment Control Phase 1	2D
Erosion & Sediment Control Phase 2	2E
Entrance Profiles	19
Drainage Descriptions	20
Courthouse Road Profiles	17A

SCALE 0 25' 50'

PROJECT	SHEET NO.
0064-965-229	17

7/11/2019
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d1048890117.dgn
Plotted By: trydel

PROJECT MANAGER Steve Adams - Chesterfield County Transportation - (804)751-4661
SURVEYED BY, Dewberry Engineers Inc., 4/18
DESIGNED BY Dewberry Engineers Inc. - (804) 205-3340
SUBSURFACE UTILITY BY, Accumark, Inc., 6/18

COURTHOUSE ROAD

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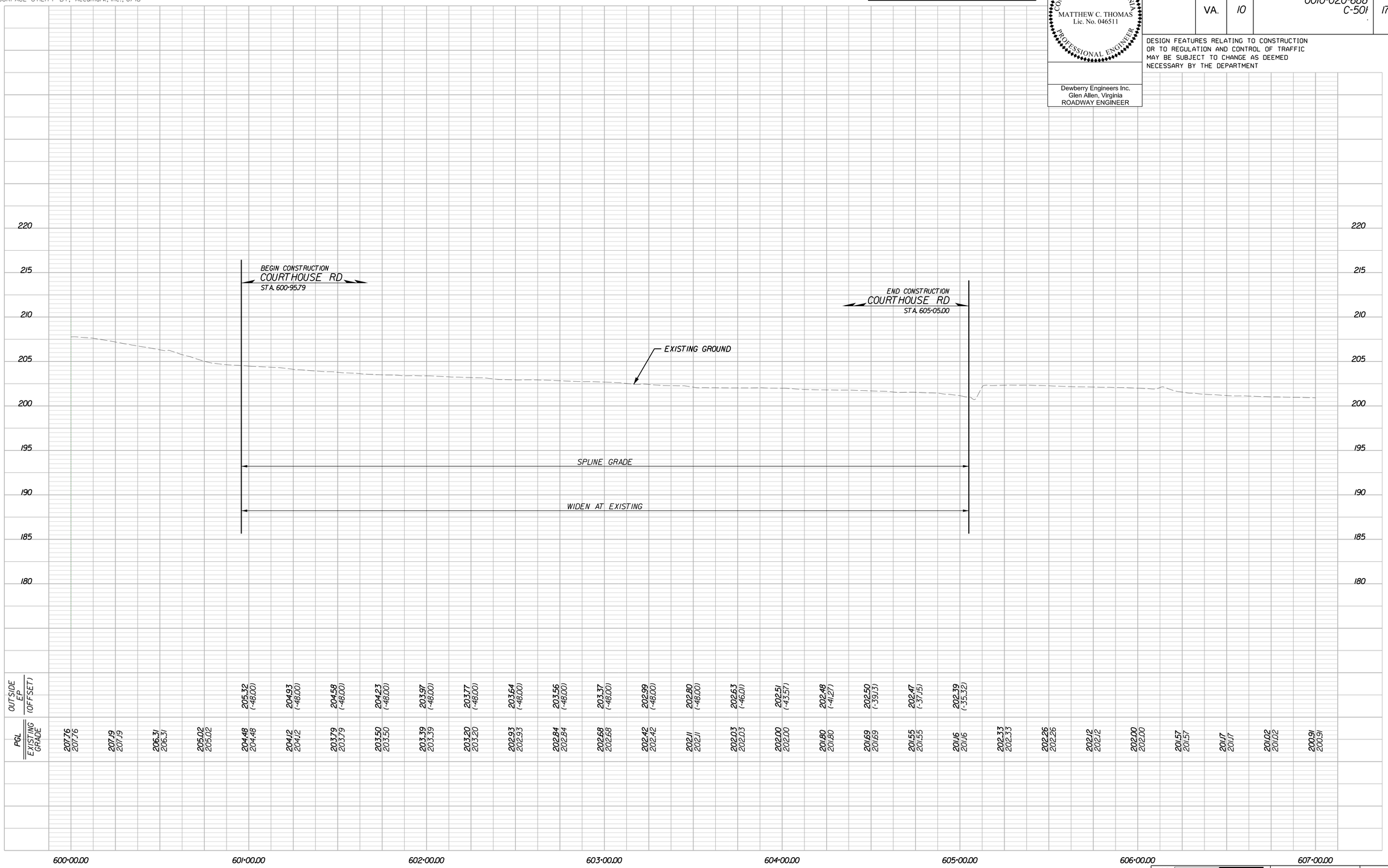
COMMONWEALTH OF VIRGINIA
MATTHEW C. THOMAS
Lic. No. 046511
PROFESSIONAL ENGINEER

Dewberry Engineers Inc.
Glen Allen, Virginia
ROADWAY ENGINEER

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
-	VA.	10	0010-020-688 C-501	17A

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



COURTHOUSE ROAD

HORIZ. 0 25' 50'
VERT. 0 5' 10'

PROJECT	SHEET NO.
0010-020-688	17A

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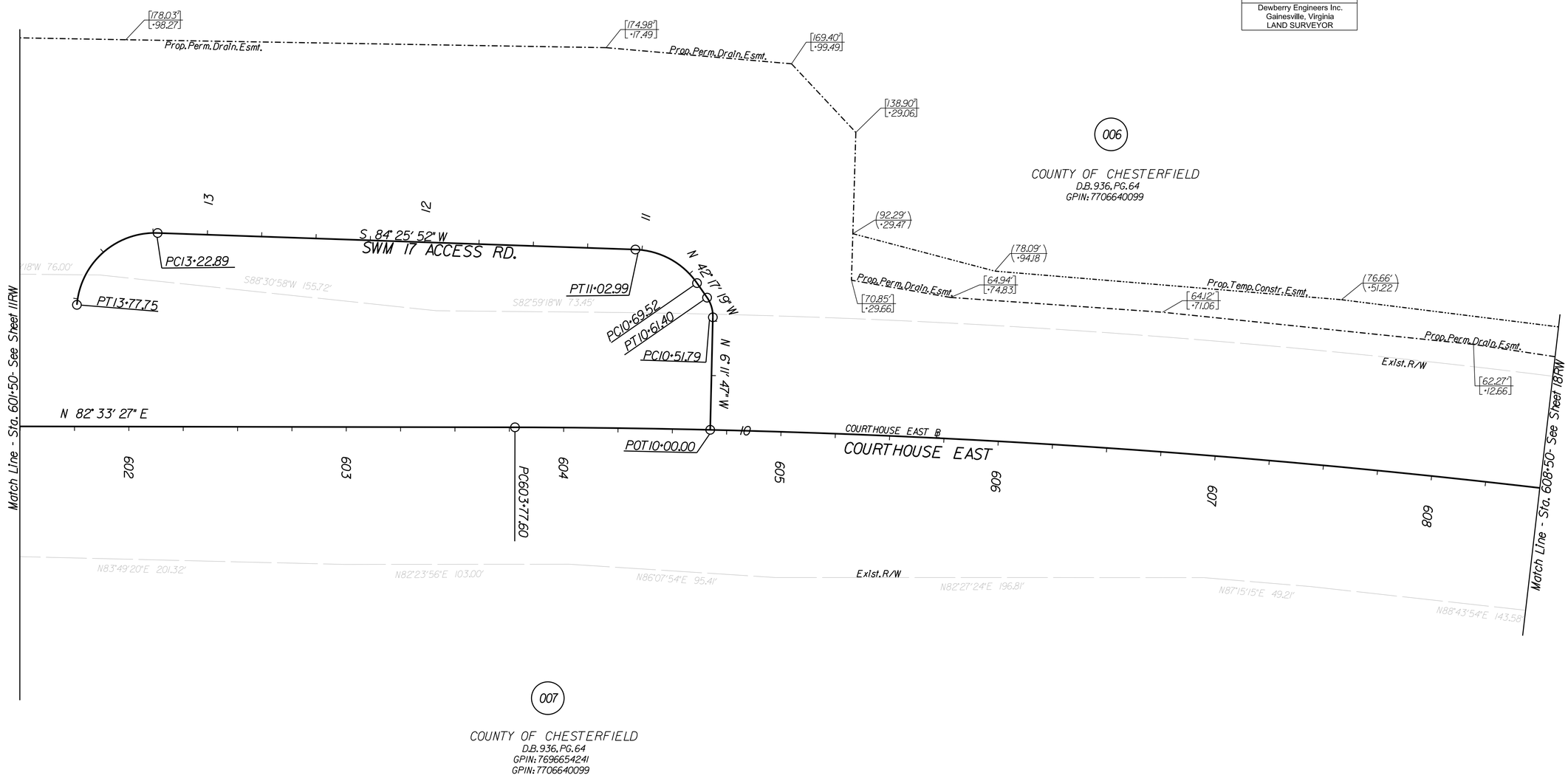
RIGHT OF WAY PLAN

COMMONWEALTH OF VIRGINIA
Richard J. Cronin, IV
Lic. No. 001792
LAND SURVEYOR

Dewberry Engineers Inc.
Gainesville, Virginia
LAND SURVEYOR

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
.	VA.	10	0010-020-688 R-201,C-501 .	17RW

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



Notes

1. This Right Of Way Sheet Represents A Field Run Survey Of The Proposed Right Of Way Limits. All Other Adjoining/Departing Boundary Lines Shown Are Compiled From Various Sources: Found Property Monumentation, Metes and Bounds, Descriptions And Record Plats. The Adjoining Lines Do Not Represent A Field Run Survey Of The Adjoining Properties And Are A Best Fit Based On Compiled Data.
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4. This Survey Datum Is Based On VDOT Project: 0010-020-688, RW-201, UPC 104889.
5. Right Of Way Monumentation To Be Set Upon Completion Of Construction.
6. Bearings And Distances In Parentheses Are From Recorded Plats Or Deed Data.

00.00' ·00.00 Figures Without Any Notation Denote Right Of Way/Limited Access Line
(00' ·00) Figures In Parentheses And Dot - Dot - Dashed Lines Denote Temporary Easements
[00' ·00] Figures In Brackets And Dot - Dashed Lines Denote Permanent Easements
[[00' ·00]] Figures In Double Brackets and Dot - Dashed Lines Denote Utility Easements

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 in square feet (x,xxx).)

Parcel No.	Property I.D. Number	Fee Taking	Perm. Ease.	Utility Ease.	Temp. Ease.	Temp. (Entrances) Ease.
		Acres or (Sq. Ft.)	Acres or (Sq. Ft.)	Acres or (Sq. Ft.)	Acres or (Sq. Ft.)	Acres or (Sq. Ft.)
006	7706640099		1.266		(7,581)	

⊙ St'd. RM-1
——— Denotes Prop. R/W
——— Denotes Prop. L/A
—··—··— Denotes Temp. Ease.
—··—··— Denotes Temp. Entr. Ease.
—·—·— Denotes Perm. Ease.
—·—·— Denotes Prop. Utility Ease.

SCALE 0 25' 50'

PROJECT	SHEET NO.
0010-020-688	17RW

PROJECT MANAGER Steve Adams - Chesterfield County Transportation - (804)751-4661
SURVEYED BY, Dewberry Engineers Inc., 4/18
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Glen Allen, Virginia
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REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
.	VA.	10	0010-020-688 R-201,C-501 .	18

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Chesterfield County Utility Project #18-0011

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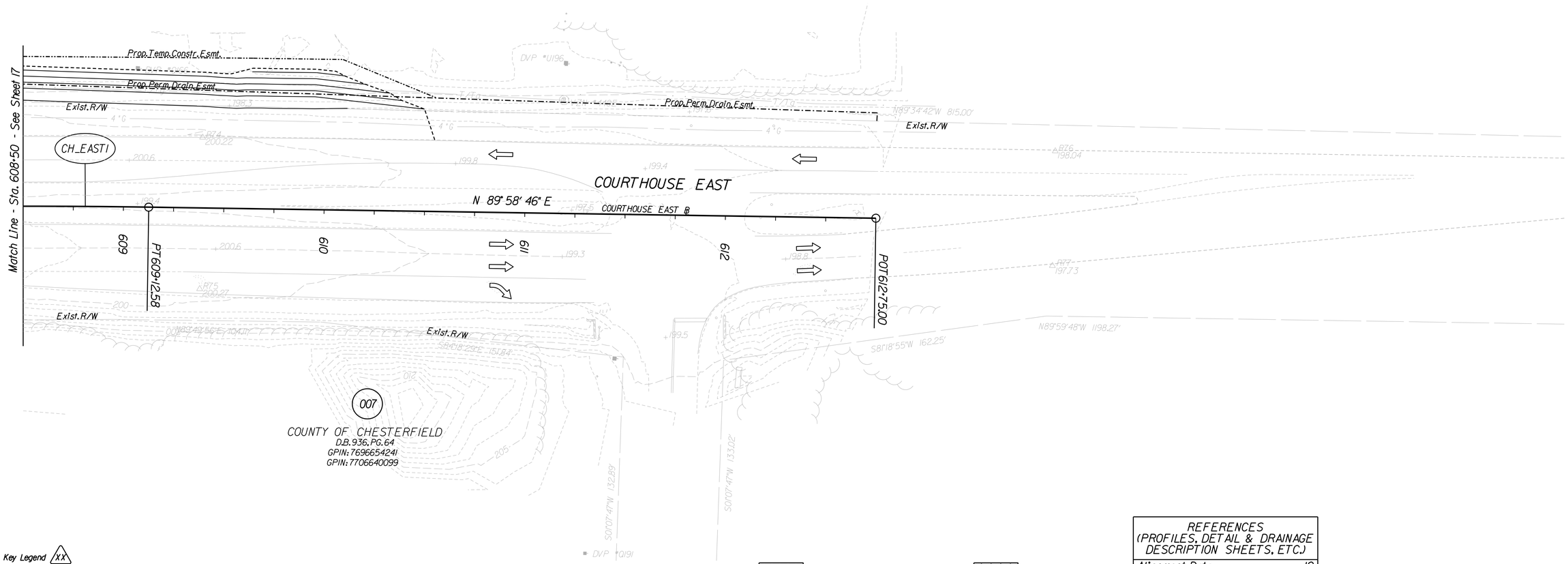

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SCALE 0 25' 50'

PROJECT	SHEET NO.
0064-965-229	18

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RIGHT OF WAY PLAN

COMMONWEALTH OF VIRGINIA
Richard J. Cronin, IV
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LAND SURVEYOR

Dewberry Engineers Inc.
Gainesville, Virginia
LAND SURVEYOR

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
.	VA.	10	0010-020-688 R-201,C-501 .	18RW

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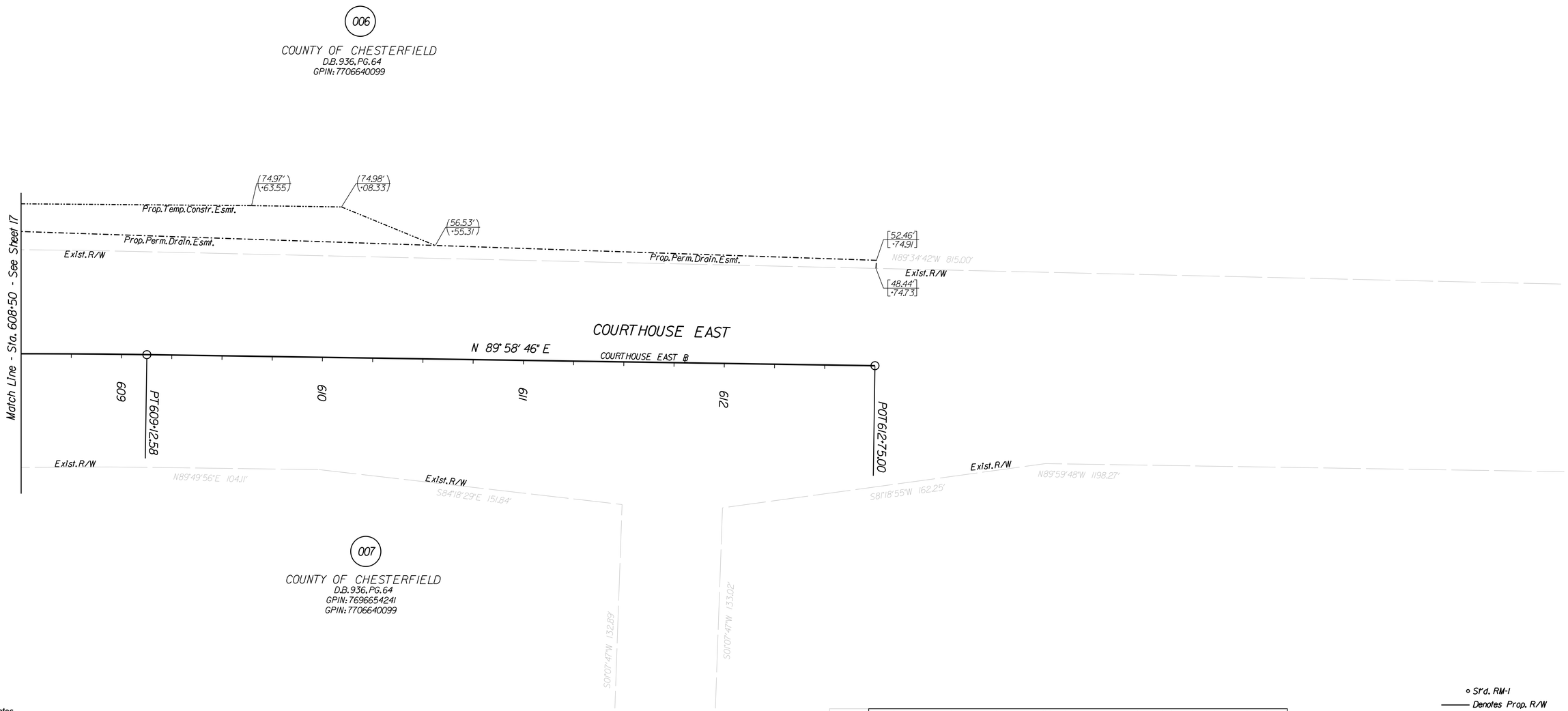

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		Acres or (Sq. Ft.)	Acres or (Sq. Ft.)	Acres or (Sq. Ft.)	Acres or (Sq. Ft.)	Acres or (Sq. Ft.)
006	7706640099		1.266		(7,581)	

⊙ St'd. RM-1
——— Denotes Prop. R/W
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SCALE 0 25' 50'

PROJECT	SHEET NO.
0010-020-688	18RW