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

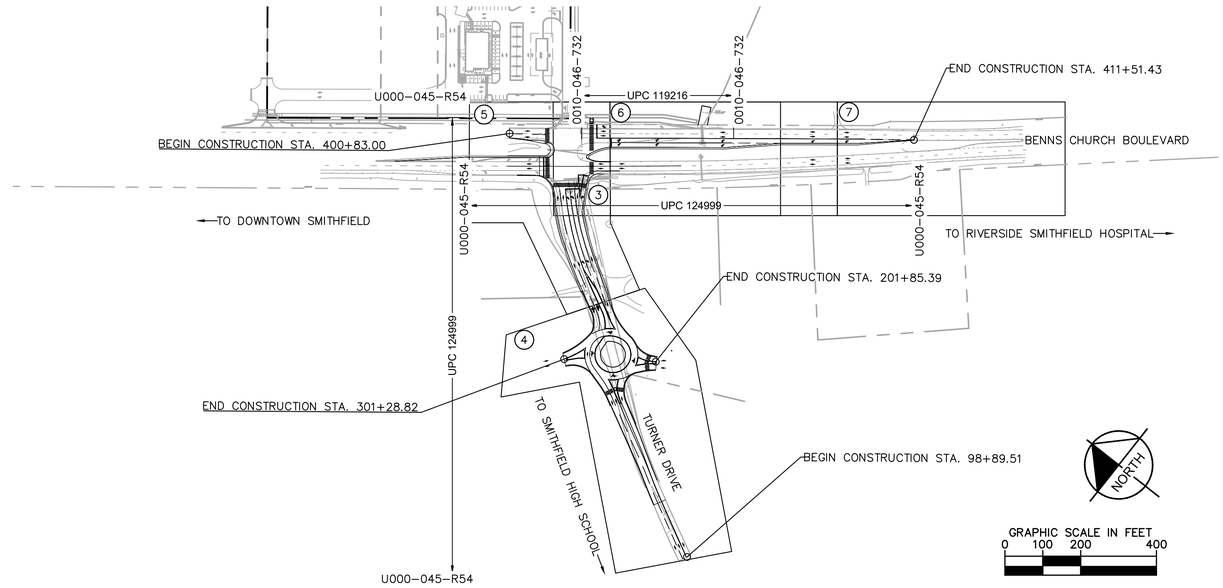
FHWA 44003 & 44004

PLAN STATUS		
DATE	INITIAL	DESCRIPTION
05/04/2026	NVR	PFI DESIGN SUBMISSION

COMMONWEALTH OF VIRGINIA

ISLE OF WIGHT COUNTY
TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT
SMITHFIELD, VA

UPC #124999, U000-045-R54
UPC #119216, 0010-046-732, STP-5B03(581), STP-5B03(582)



FUNCTIONAL CLASSIFICATION AND TRAFFIC DATA	
CLASSIFICATION	
BENNS CHURCH BOULEVARD	RURAL MINOR ARTERIAL
TURNER DRIVE	RURAL MAJOR COLLECTOR

THIS PROJECT WAS DESIGNED UTILIZING AUTOCAD CIVIL 3D 2026 DESIGN SOFTWARE. UPC NO. (124999 & 119216)

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

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 2020 ROAD AND BRIDGE SPECIFICATIONS, 2016 ROAD AND BRIDGE STANDARDS, 11TH EDITION OF MUTCD DECEMBER 2023, 2013 REVISION 1 VIRGINIA SUPPLEMENT TO THE MUTCD, VERSION 11 JANUARY 2026 VIRGINIA WORK AREA PROTECTION MANUAL AND SPECIFICATIONS AS AMENDED BY CONTRACT PROVISIONS AND THE COMPLETE ELECTRONIC PDF VERSION OF THE PLAN ASSEMBLY.

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TOWN OF SMITHFIELD POPULATION 8,535 (2020 CENSUS)

PROJECT LENGTH: 0.20 MI. BENNS CHURCH BOULEVARD & 0.23 MI. TURNER DRIVE

STATE PROJECT NO.	SECTION	FEDERAL AID PROJECT NO.	TYPE CODE	UPC NO.	LENGTH INCLUDING BRIDGE(S)		LENGTH EXCLUDING BRIDGE(S)		TYPE PROJECT	DESCRIPTION
					FEET	MILES	FEET	MILES		
0010-046-732	P101	STP-5B03(581)		119216	400	0.076	400	0.076	PRELIM. ENG.	FR: RTE 10 (BENNS CHURCH)
										TO: 0.076 EAST OF RTE 10 (BENNS CHURCH)
	C501	STP-5B03(582)	K000	119216	400	0.076	400	0.076	CONSTRUCTION	FR: RTE 10 (BENNS CHURCH)
										TO: 0.076 EAST OF RTE 10 (BENNS CHURCH)
U000-045-R54	P101			124999	2200	0.4	2200	0.4	PRELIM. ENG.	FR: ROUTE 10 (BENNS CHURCH BLVD)
										TO: BENNS CHURCH BLVD
	C501			124999	2200	0.4	2200	0.4	CONSTRUCTION	FR: ROUTE 10 (BENNS CHURCH BLVD)
										TO: BENNS CHURCH BLVD

NOTE: PROJECT LENGTH BASED ON CONSTRUCTION BASELINE

SURVEYOR:
PRECISION MEASUREMENTS, INC.
11835 CANON BOULEVARD, SUITE B103
NEWPORT NEWS, VA 23606
TEL. (757) 595-7570
CONTACT: RICHARD A. THOMAS

ENGINEER:
KIMLEY-HORN AND ASSOCIATES, INC.
4525 MAIN STREET
SUITE 1000
VIRGINIA BEACH, VIRGINIA 23462
TEL. (757) 213-8600
CONTACT: NICOLE RUSSO, P.E.

811 Know what's below. Call before you dig.

TIER 1 PROJECT
LOCALLY ADMINISTERED PROJECTS

RECOMMENDED FOR APPROVAL
FOR RIGHT OF WAY ACQUISITION
ISLE OF WIGHT COUNTY
NAME OF LOCALITY
DATE JAMIE L. OLIVER, TRANSPORTATION ADMINISTRATOR

RECOMMENDED FOR APPROVAL
FOR RIGHT OF WAY ACQUISITION
DATE DISTRICT PLANNING AND INVESTMENT MANAGER
DATE DISTRICT PROJECT DEVELOPMENT ENGINEER

APPROVED FOR RIGHT OF WAY ACQUISITION
DATE DISTRICT ENGINEER/ADMINISTRATOR

RECOMMENDED FOR APPROVAL
FOR CONSTRUCTION
DATE DISTRICT PLANNING AND INVESTMENT MANAGER
DATE DISTRICT PROJECT DEVELOPMENT ENGINEER

APPROVED FOR CONSTRUCTION
DATE DISTRICT ENGINEER/ADMINISTRATOR
DATE JAMIE L. OLIVER, TRANSPORTATION ADMINISTRATOR

No.	REVISIONS	DATE

Kimley»Horn

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WWW.KIMLEY-HORN.COM

Kimley-Horn and Associates, Inc.
Virginia Beach, Virginia
Roadway Engineer

KHA PROJECT 117032044
DATE 05/04/2026
SCALE AS SHOWN
DESIGNED BY NVR
DRAWN BY NVR
CHECKED BY APF

TITLE SHEET

TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT
PREPARED FOR
ISLE OF WIGHT COUNTY VIRGINIA
SMITHFIELD

SHEET NUMBER
1

Plotted By: Sapplins, Gina Sheet Set: Benns \\Layouts \\Plotted: 5/5/2026 10:05:59 AM By: Sapplins, Gina C:\Users\Sapplins, Gina\Desktop\Benns_2026_ACADBETA_sapplins_gina.dwt
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LOCATION MAP



NORTH

GRAPHIC SCALE IN FEET
0 1000 2000 4000

No.	REVISIONS	DATE

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Kimley-Horn and Associates, Inc.
Virginia Beach, Virginia
Roadway Engineer

KHA PROJECT 117032044	DATE 05/04/2026	SCALE AS SHOWN	DESIGNED BY NVR
DRAWN BY NVR	CHECKED BY APF		

LOCATION MAP

TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT
PREPARED FOR
ISLE OF WIGHT COUNTY VIRGINIA
SMITHFIELD

SHEET NUMBER
1A

Plotted By:Sapino, Gina Sheet Set:Kha Layout:1A LOCATION MAP May 04, 2026 05:50:23pm K:\VAB_RDWY\117032044 - Benns Church Intersection\05 - Design\CADD\PlanSheets\TITLE SHEET.dwg
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Plotted By: Sapino, Gina Sheet Set: Kha Layout: 1B UPC MAP May 04, 2026 05:51:56pm K:\VAB_RDWY\117032044 – Benns Church Intersection\05 – Design\CADD\PlanSheets\TITLE SHEET.dwg

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UPC MAP

GRAPHIC SCALE IN FEET
0 50 100 200

NORTH

SHEET NUMBER 1B

TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT
PREPARED FOR
ISLE OF WIGHT COUNTY
SMITHFIELD VIRGINIA

UPC MAP

KHA PROJECT	117032044
DATE	05/04/2026
SCALE	AS SHOWN
DESIGNED BY	NVR
DRAWN BY	NVR
CHECKED BY	APF

Kimley-Horn and Associates, Inc.
Virginia Beach, Virginia
Roadway Engineer

Kimley»Horn

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No.	REVISIONS	DATE

Sheet List Table

Sheet Number	Sheet Title	Sheet Description
1	TITLE SHEET	
1A	LOCATION MAP	
1B	UPC MAP	
1C	SHEET INDEX	
1D	ALIGNMENT DATA SHEET	
1E	ALIGNMENT DATA SHEET	
1F	RIGHT OF WAY DATA SHEET	
2	GENERAL NOTES	
2A	TYPICAL SECTIONS	
2B	TYPICAL SECTIONS	
2C	TYPICAL SECTIONS	
3	EXISTING CONDITIONS – UPC 119216	402+00 – 408+00
3A	ROADWAY PLANS – UPC 119216	402+00 – 408+00
4	EXISTING CONDITIONS – UPC 124999	100+00 –105+00
4A	ROADWAY PLANS – UPC 124999	100+00 – 106+00
4B(1)	ROADWAY PROFILES	100+00 – 105+00
4B(2)	ROADWAY PROFILES	100+00 – 105+00
5	EXISTING CONDITIONS – UPC 124999	105+00 – 110+00 & 400+00 – 403+50
5A	ROADWAY PLANS – UPC 124999	105+00 – 110+00 & 400+00 – 403+50
5B(1)	ROADWAY PROFILES	105+00 – 110+00 & 400+00 – 403+50
6	EXISTING CONDITIONS – UPC 124999	403+50–409+50
6A	ROADWAY PLANS – UPC 124999	403+50–409+50
6B	ROADWAY PROFILES	403+50–409+50
7	EXISTING CONDITIONS – UPC 124999	409+50–415+00
7A	ROADWAY PLANS – UPC 124999	409+50–415+00
7B	ROADWAY PROFILES	409+50–415+00
8	TRAFFIC SIGNAL POLE ALTERNATIVES – UPC 124999	
XS–1	TURNER DRIVE CROSS SECTIONS	
XS–7	LOCAL ROAD A CROSS SECTIONS	
XS–8	LOCAL ROAD B CROSS SECTIONS	
XS–9	CIRCULATORY ROADWAY CROSS SECTIONS	
XS–11	BENNS CHURCH CROSS SECTIONS	

Plotted By:Sapino, Gina Sheet Set:Kha Layout:1C SHEET INDEX May 04, 2026 05:52:27pm K:\VAB_RDWY\117032044 – Benns Church Intersection\05 – Design\CADD\PlanSheets\TITLE SHEET.dwg
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Kimley-Horn and Associates, Inc.
Virginia Beach, Virginia
Roadway Engineer

KHA PROJECT 117032044	DATE 05/04/2026	SCALE AS SHOWN	DESIGNED BY NVR
		DRAWN BY NVR	CHECKED BY APF

SHEET INDEX

TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT
PREPARED FOR
ISLE OF WIGHT COUNTY VIRGINIA
SMITHFIELD

SHEET NUMBER
1C

ALIGNMENT DATA TURNER DRIVE

NO.	BEGIN STATION	BEGIN NORTHING	BEGIN EASTING	LENGTH	END STATION	END NORTHING	END EASTING	TANGENT BEARING	CHORD BEARING	CHORD LENGTH	PI STATION	DELTA	TANGENT	RADIUS
L1	98+50.00	3509853.45	12038403.61	200.59'	100+50.59	3510031.23	12038496.51	N27° 35' 12.82"E	N/A	N/A	N/A	N/A	N/A	N/A
C1	100+50.59	3510031.23	12038496.51	108.15'	101+58.74	3510124.83	12038550.62	N/A	N30° 02' 02.70"E	108.11'	101+04.70	Δ 4.7655	54.10	1300
C2	101+58.74	3510124.83	12038550.62	53.13'	102+11.87	3510170.60	12038577.59	N/A	N30° 30' 50.78"E	53.12'	101+85.31	Δ 3.8054	26.58	800
L2	102+11.87	3510170.60	12038577.59	36.63'	102+48.50	3510202.76	12038595.14	N28° 36' 41.06"E	N/A	N/A	N/A	N/A	N/A	N/A
C3	102+48.50	3510202.76	12038595.14	185.45'	104+33.95	3510353.17	12038702.83	N/A	N35° 36' 06.64"E	184.99'	103+41.69	Δ 13.9809	93.19	760
L3	104+33.95	3510353.17	12038702.83	26.43'	104+60.38	3510372.63	12038720.72	N42° 35' 32.23"E	N/A	N/A	N/A	N/A	N/A	N/A
L4	104+60.38	3510372.63	12038720.72	32.02'	104+92.40	3510397.73	12038740.58	N38° 21' 32.07"E	N/A	N/A	N/A	N/A	N/A	N/A
C4	104+92.40	3510397.73	12038740.58	147.00'	106+39.40	3510520.98	12038820.29	N/A	N32° 53' 23.56"E	146.77'	105+66.12	Δ 10.9381	73.72	770
L5	106+39.40	3510520.98	12038820.29	8.37'	106+47.76	3510528.40	12038824.14	N27° 25' 15.05"E	N/A	N/A	N/A	N/A	N/A	N/A
C5	106+47.76	3510528.40	12038824.14	324.99'	109+72.75	3510779.03	12039027.51	N/A	N39° 03' 30.68"E	322.76'	108+12.53	Δ 23.2754	164.76	800
L6	109+72.75	3510779.03	12039027.51	127.25'	111+00.00	3510859.63	12039125.98	N50° 41' 46.31"E	N/A	N/A	N/A	N/A	N/A	N/A

ALIGNMENT DATA LOCAL ROAD A

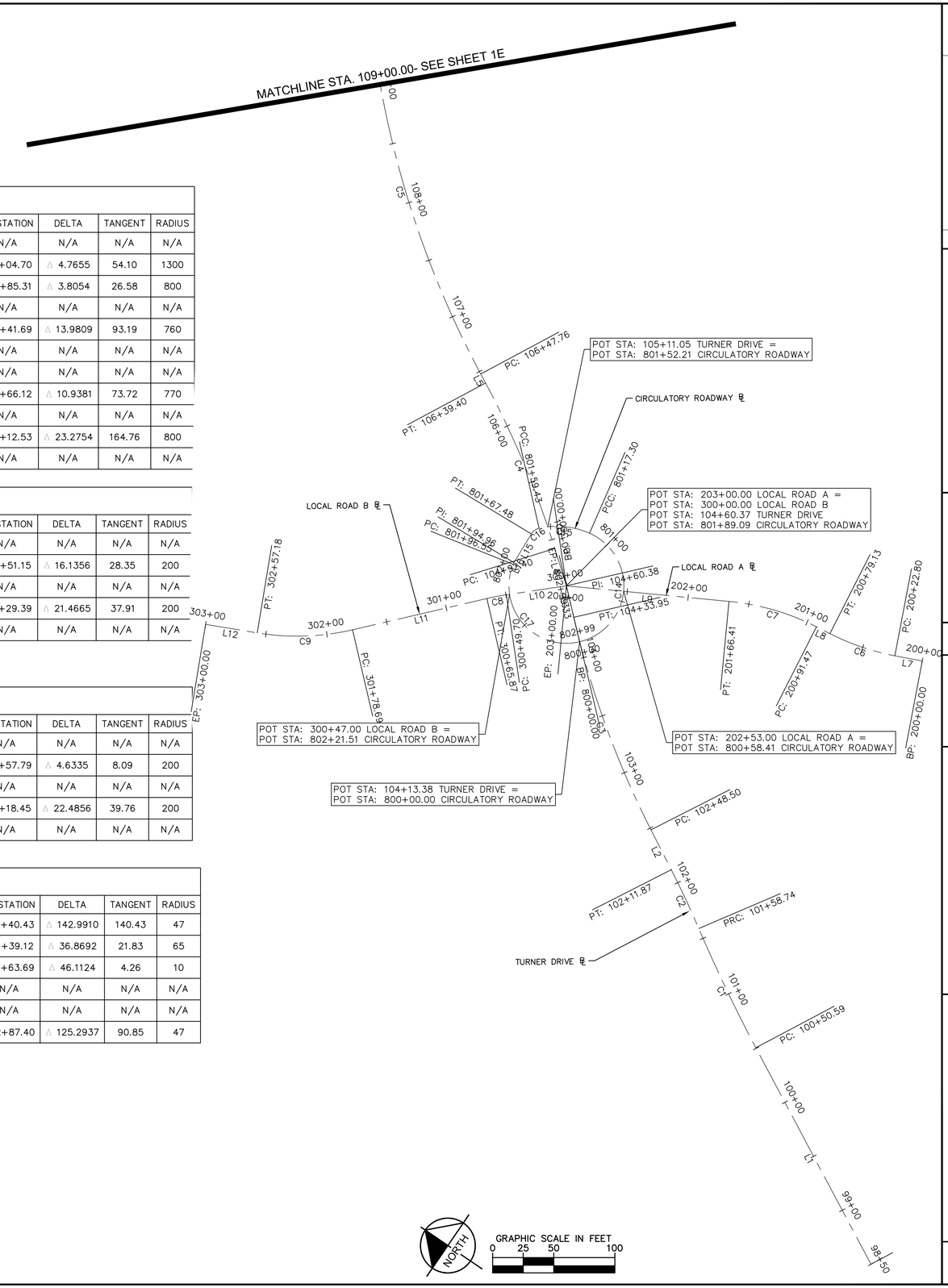
NO.	BEGIN STATION	BEGIN NORTHING	BEGIN EASTING	LENGTH	END STATION	END NORTHING	END EASTING	TANGENT BEARING	CHORD BEARING	CHORD LENGTH	PI STATION	DELTA	TANGENT	RADIUS
L7	200+00.00	3510097.74	12038834.46	22.80'	200+22.80	3510118.64	12038825.33	N23° 37' 08.60"W	N/A	N/A	N/A	N/A	N/A	N/A
C6	200+22.80	3510118.64	12038825.33	56.32'	200+79.13	3510172.72	12038810.28	N/A	N15° 33' 04.60"W	56.14'	200+51.15	Δ 16.1356	28.35	200
L8	200+79.13	3510172.72	12038810.28	12.35'	200+91.47	3510184.96	12038808.67	N7° 29' 00.59"W	N/A	N/A	N/A	N/A	N/A	N/A
C7	200+91.47	3510184.96	12038808.67	74.93'	201+66.41	3510255.72	12038785.38	N/A	N18° 13' 00.36"W	74.49'	201+29.39	Δ 21.4665	37.91	200
L9	201+66.41	3510255.72	12038785.38	133.59'	203+00.00	3510372.62	12038720.72	N28° 57' 00.12"W	N/A	N/A	N/A	N/A	N/A	N/A

ALIGNMENT DATA LOCAL ROAD B

NO.	BEGIN STATION	BEGIN NORTHING	BEGIN EASTING	LENGTH	END STATION	END NORTHING	END EASTING	TANGENT BEARING	CHORD BEARING	CHORD LENGTH	PI STATION	DELTA	TANGENT	RADIUS
L10	300+00.00	3510372.63	12038720.72	49.70'	300+49.70	3510409.04	12038686.89	N42° 53' 22.84"W	N/A	N/A	N/A	N/A	N/A	N/A
C8	300+49.70	3510409.04	12038686.89	16.17'	300+65.87	3510420.43	12038675.42	N/A	N45° 12' 23.18"W	16.17'	300+57.79	Δ 4.6335	8.09	200
L11	300+65.87	3510420.43	12038675.42	112.82'	301+78.69	3510496.61	12038592.21	N47° 31' 23.52"W	N/A	N/A	N/A	N/A	N/A	N/A
C9	301+78.69	3510496.61	12038592.21	78.49'	302+57.18	3510559.48	12038546.06	N/A	N36° 16' 49.43"W	77.99'	302+18.45	Δ 22.4856	39.76	200
L12	302+57.18	3510559.48	12038546.06	42.82'	303+00.00	3510598.28	12038527.94	N25° 02' 15.34"W	N/A	N/A	N/A	N/A	N/A	N/A

ALIGNMENT DATA CIRCULATORY ROADWAY

NO.	BEGIN STATION	BEGIN NORTHING	BEGIN EASTING	LENGTH	END STATION	END NORTHING	END EASTING	TANGENT BEARING	CHORD BEARING	CHORD LENGTH	PI STATION	DELTA	TANGENT	RADIUS
C14	800+00.00	3510337.84	12038689.11	117.30'	801+17.30	3510381.38	12038766.89	N/A	N60° 45' 24.88"E	89.14'	801+40.43	Δ 142.9910	140.43	47
C15	801+17.30	3510381.38	12038766.89	42.14'	801+59.43	3510417.68	12038746.96	N/A	N28° 46' 22.97"W	41.41'	801+39.12	Δ 36.8692	21.83	65
C16	801+59.43	3510417.68	12038746.96	8.05'	801+67.48	3510420.33	12038739.58	N/A	N70° 15' 49.93"W	7.83'	801+63.69	Δ 46.1124	4.26	10
L15	801+67.48	3510420.33	12038739.58	27.47'	801+94.96	3510418.74	12038712.16	S86° 40' 47.75"W	N/A	N/A	N/A	N/A	N/A	N/A
L16	801+94.96	3510418.74	12038712.16	1.59'	801+96.55	3510418.52	12038710.58	S82° 06' 46.81"W	N/A	N/A	N/A	N/A	N/A	N/A
C17	801+96.55	3510418.52	12038710.58	102.78'	802+99.33	3510337.84	12038689.11	N/A	S14° 53' 57.28"W	83.49'	802+87.40	Δ 125.2937	90.85	47



Kimley-Horn and Associates, Inc.
Virginia Beach, Virginia
Roadway Engineer

KHA PROJECT	117032044
DATE	05/04/2026
SCALE	AS SHOWN
DESIGNED BY	NVR
DRAWN BY	GMS
CHECKED BY	APF

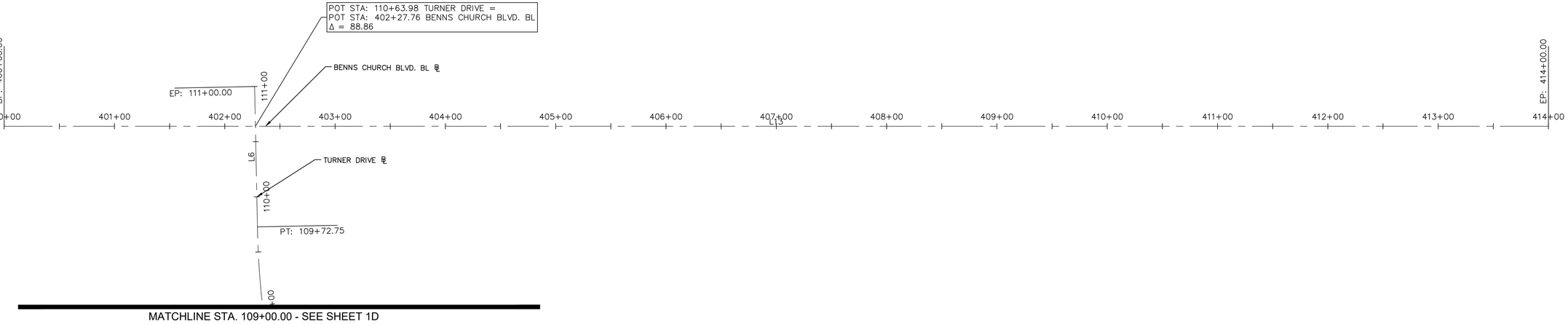
ALIGNMENT DATA SHEET

TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT
PREPARED FOR
ISLE OF WIGHT COUNTY
SMITHFIELD VIRGINIA

SHEET NUMBER
1D

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Plotted By: Stephens, Gina Sheet Set: Plans (Dynamic) Date: May 06th, 2026 10:05:14 AM By: Gina Stephens
K:\VBA_Survey\117032044-Benns Church Blvd\Design\Roadway\Sheets\TURNER DRIVE\117032044-TURNER DRIVE-ALIGNMENT DATA SHEET-1A.dwg
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ALIGNMENT DATA BENNS CHURCH BLVD. BL														
NO.	BEGIN STATION	BEGIN NORTHING	BEGIN EASTING	LENGTH	END STATION	END NORTHING	END EASTING	TANGENT BEARING	CHORD BEARING	CHORD LENGTH	PI STATION	DELTA	TANGENT	RADIUS
L13	400+00.00	3511015.88	12038957.36	1400.00'	414+00.00	3509915.16	12039822.47	S38° 09' 55.46"E	N/A	N/A	N/A	N/A	N/A	N/A

GRAPHIC SCALE IN FEET
0 25 50 100

NORTH

Kimley»Horn

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No.	REVISIONS	DATE

Kimley-Horn and Associates, Inc.
Virginia Beach, Virginia
Roadway Engineer

KHA PROJECT 117032044	DATE 05/04/2026		
SCALE AS SHOWN	DESIGNED BY NVR	DRAWN BY GMS	CHECKED BY APF

ALIGNMENT DATA SHEET

TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT
PREPARED FOR
ISLE OF WIGHT COUNTY VIRGINIA
SMITHFIELD

SHEET NUMBER
1E

Plotted By: Sagima, Gina Sheet Set: Benns Drawing: E:\Projects\117032044 - Benns Church Blvd\Design\CAD\Civil\Sheets\Turner Drive\Design\CAD\Civil\Sheets\Turner Drive\Design\CAD\Civil\Sheets\Turner Drive

PARCEL NO.	LANDOWNER	SHEET NO.	TOTAL				EASEMENTS									
			TOTAL	TOTAL	FEE TAKING	FEE TAKING	PERM. UTILITY	PERM. UTILITY	PERM. DRAINAGE	PERM. DRAINAGE	PERM. MAINT.	PERM. MAINT.	TEMP. ENTRANCE	TEMP. ENTRANCE	TEMP. CONST.	TEMP. CONST.
			SF	ACRES	SF	ACRES	SF	ACRES	SF	ACRES	SF	ACRES	SF	ACRES	SF	ACRES
001	MOLLIE G. TURNER FAMILY LTD. PARTNERS	3	1,828,213	41.970	**91,826**	2.108	0	0.000	**1490**	0.034	0	0.000	0	0.000	**330**	0.008
002	ISLE OF WIGHT COUNTY SCHOOL BOARD	3	3,479,137	79.870	**755**	0.017	0	0.000	**1465**	0.034	0	0.000	0	0.000	**1,351**	0.031
003	WILLIAM G. YEOMAN III	3,4	247,856	5.690	**14,111**	0.324	0	0.000	**0**	0.000	0	0.000	0	0.000	**2,863**	0.066
004	L & L LAND DEVELOPMENT LLC	3,3	5,795,353	133.043	**0**	0.000	0	0.000	**2123**	0.049	0	0.000	0	0.000	**451**	0.010
005	SDF PROPERTIES, LLC	5	319,992	7.346	**0**	0.000	0	0.000		0.000	0	0.000	0	0.000	**15**	0.000
Total					**106,692**	**2.4**	**0.000**	**0.000**	**5,078**	**0.12**	**0.000**	**0.000**	**0.000**	**0.000**	**5,010**	**0.12**

Plotted By: Sapima, Gina Sheet Set: Sheets (Dynamic) Plot Time/Date: 2026/04/29 07:51:14 Drawing: K:\DAM\ENT\BA\Sheets\TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT\DATA SHEET-1A.dwg
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No.	REVISIONS	DATE

Kimley»Horn

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Kimley-Horn and Associates, Inc.
Virginia Beach, Virginia
Roadway Engineer

KHA PROJECT
117032044

DATE
05/04/2026

SCALE AS SHOWN

DESIGNED BY NVR

DRAWN BY CMS

CHECKED BY APF

RIGHT OF WAY DATA SHEET

TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT
PREPARED FOR
ISLE OF WIGHT COUNTY
VIRGINIA
SMITHFIELD

SHEET NUMBER
1F

VDOT GENERAL NOTES

GRADING

G–1 THE GRADE LINE DENOTES TOP OF FINISHED PAVEMENT UNLESS SHOWN OTHERWISE ON TYPICAL SECTIONS OR PLANS.

G–3 EARTHWORK QUANTITIES ON THIS PROJECT ARE BASED ON ANTICIPATED SETTLEMENT AND MAY REQUIRE ADJUSTING DURING CONSTRUCTION. PAYMENT WILL BE MADE ONLY FOR QUANTITIES ACTUALLY MOVED.

G–4 THE COST OF REMOVAL OF ALL EXISTING CONCRETE ITEMS LOCATED IN THE AREA TO BE GRADED, INCLUDING, BUT NOT LIMITED TO THE FOLLOWING, SHALL BE INCLUDED IN THE PRICE BID FOR REGULAR EXCAVATION: FOUNDATIONS, HEADWALLS, PIPES, DRAINAGE STRUCTURES, PAVED DITCHES.

G–6 THE BORROW MATERIAL FOR THIS PROJECT SHALL BE A MINIMUM CBR 15 OR AS APPROVED BY THE MATERIALS ENGINEER.

DRAINAGE

D–1 THE HORIZONTAL LOCATION OF ALL DRAINAGE STRUCTURES SHOWN ON THESE PLANS IS APPROXIMATE ONLY, WITH THE EXCEPTION OF STRUCTURES SHOWING SPECIFIC STATIONS, SPECIAL DESIGN BRIDGES, AND STORM SEWER SYSTEMS.

D–2 THE HORIZONTAL LOCATION AND INVERT ELEVATIONS SHOWN FOR PROPOSED CULVERTS AND STORM SEWER OUTFALL PIPES ARE BASED ON EXISTING SURVEY DATA AND REQUIRED DESIGN CRITERIA. IF, DURING CONSTRUCTION, IT IS FOUND THAT THE HORIZONTAL LOCATION OR INVERT ELEVATIONS SHOWN ON THE PLANS DIFFER SIGNIFICANTLY FROM THE HORIZONTAL LOCATION OR ELEVATIONS OF THE STREAM OR SWALE IN WHICH THE CULVERT OR STORM SEWER OUTFALL PIPE IS TO BE PLACED, THE ENGINEER SHALL CONFER WITH, AND GET APPROVAL FROM, THE APPLICABLE DISTRICT DRAINAGE ENGINEER BEFORE INSTALLING THE CULVERT OR STORM SEWER OUTFALL PIPE.

D–3 THE "H" DIMENSIONS SHOWN ON THE PLANS FOR DROP INLETS AND JUNCTION BOXES AND THE "L.F." DIMENSIONS SHOWN FOR MANHOLES ARE FOR ESTIMATING PURPOSES AND ARE BASED ON THE PROPOSED INVERT ELEVATIONS SHOWN FOR THE STRUCTURE AND THE ANTICIPATED TOP (RIM) ELEVATION BASED ON EXISTING OR PROPOSED FINISH GRADE. THE ACTUAL "H" OR "L.F." DIMENSIONS ARE TO BE DETERMINED BY THE CONTRACTOR FROM FIELD CONDITIONS.

D–6 PIPES SHALL CONFORM TO ANY OF THE ALLOWABLE TYPES SHOWN ON SHEET NUMBERS 3C–9C, WITHIN THE APPLICABLE HEIGHT OF COVER LIMITATIONS. FOR STRENGTH, SHEET THICKNESS, OR CLASS DESIGNATION, AVAILABLE SIZES, HEIGHT OF COVER LIMITATIONS AND OTHER RESTRICTIONS FOR A PARTICULAR PIPE TYPE OR HEIGHT OF COVER, SEE THE VDOT ROAD AND BRIDGE STANDARDS PC–1. STRUCTURAL PLATE PIPE MAY BE SUBSTITUTED FOR CORRUGATED PIPE OF THE SAME SIZE AND A STRUCTURAL PLATE PIPE ARCH MAY BE SUBSTITUTED FOR A CORRUGATED PIPE ARCH OF THE SAME SIZE, PROVIDED THE SUBSTITUTION COMPLIES WITH THE APPLICABLE SECTIONS OF THE VDOT ROAD AND BRIDGE STANDARDS PC–1.

D–13 EXISTING DRAINAGE FACILITIES BEING UTILIZED AS A PART OF THE DRAINAGE SYSTEM, AND DESIGNATED ON THE PLANS "TO BE CLEANED OUT", SHALL BE CLEANED AS DIRECTED BY THE ENGINEER. THE COST INCIDENTAL TO THIS SHALL BE INCLUDED IN THE CONTRACT PRICE FOR OTHER ITEMS.

D–14 PROPOSED DROP INLETS WITH A HEIGHT (H) LESS THAN THE STANDARD MINIMUM SHOWN IN THE VDOT ROAD AND BRIDGE STANDARDS SHALL BE CONSIDERED AND PAID FOR AS STANDARD DROP INLETS FOR THE TYPE SPECIFIED. PIPES WITH LESS THAN STANDARD MINIMUM FINISHED HEIGHT OF COVER SHALL BE NOTED AS SUCH IN THE DRAINAGE DESCRIPTION FOR THE PIPE. SPECIFIC PIPE BEDDING AND COVER REQUIREMENTS ARE PROVIDED IN THE APPLICABLE PB–1 AND PC–1 STANDARD DRAWINGS OF THE VDOT ROAD AND BRIDGE STANDARDS.

D–16 WHEN STANDARD CG–6 OR CG–7 IS SPECIFIED ON A RADIUS (SUCH AS AT A STREET INTERSECTION), THE ENGINEER MAY APPROVE A DECREASE IN THE CROSS SLOPE OF THE GUTTER TO FACILITATE PROPER DRAINAGE.

PAVEMENT

P–2 THE PAVEMENT MATERIALS ON THIS PROJECT WILL BE PAID FOR ON A TONNAGE BASIS. THE WEIGHT WILL VARY IN ACCORDANCE WITH THE SPECIFIC GRAVITY OF THE AGGREGATES AND THE ASPHALTIC CONTENT OF THE MIX ACTUALLY USED TO SECURE THE DESIGN DEPTH. THE WEIGHT OF THE ASPHALT CONCRETE IS BASED ON 95% OF THEORETICAL MAXIMUM DENSITY. (SEE IIM–LD–158)

INCIDENTAL

I–8A CLEARING AND GRUBBING SHALL BE CONFINED TO THOSE AREAS NEEDED FOR CONSTRUCTION. NO TREES OR SHRUBS IN UNGRADED AREAS SHALL BE CUT WITHOUT THE PERMISSION OF THE ENGINEER.

I–9 WHEN NO CENTERLINE ALIGNMENT IS SHOWN FOR A PROPOSED ENTRANCE, THE ENTRANCE SHALL BE CONSTRUCTED IN THE SAME LOCATION AS THE EXISTING ENTRANCE.

I–18 ALL PAVEMENT MARKINGS AND TRAFFIC FLOW ARROWS SHOWN ON THE ROADWAY CONSTRUCTION PLANS ARE SCHEMATIC ONLY. THE ACTUAL LOCATION AND APPLICATION OF PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH SECTION 704 OF THE APPLICABLE VDOT ROAD AND BRIDGE SPECIFICATIONS, MUTCD, SEQUENCE OF CONSTRUCTION/TRAFFIC CONTROL PLANS, PAVEMENT MARKING PLAN SHEETS 3A THRU 7A AND AS DIRECTED BY THE ENGINEER.

EROSION AND SEDIMENT CONTROL (ESC)

E–2 ROCK FOR CHECK DAMS, INLET PROTECTION, EROSION CONTROL STONE, AND RIPRAP SHALL BE IN ACCORDANCE WITH SECTION 203 AND SECTION 414 OF THE APPLICABLE VDOT ROAD AND BRIDGE SPECIFICATIONS.

UTILITIES

1. THE CONTRACTOR WILL CONTACT "MISS UTILITY OF VIRGINIA" (811) PRIOR TO BEGINNING WORK IN ORDER TO DETERMINE THE EXTENT AND LOCATION OF ALL UNDERGROUND UTILITIES WITHIN THE PROJECT LIMITS, UTILITY COMPANIES WILL BE NOTIFIED THROUGH "MISS UTILITY OF VIRGINIA" 72 HOURS PRIOR TO ANY EXCAVATION WITHIN THE PROXIMITY OF THEIR UTILITIES. THE CONTRACTOR WILL BE RESPONSIBLE FOR REPAIRING OR REPLACING AT HIS OWN EXPENSE ANY EXISTING UTILITIES, PAVEMENT, CONCRETE ITEMS, PIPES, ETC THAT ARE DAMAGED DURING CONSTRUCTION.
2. THE LOCATION AND EXTENT OF EXISTING UTILITY FACILITIES ARE SHOWN BASED UPON INFORMATION AVAILABLE AT THE TIME OF DESIGN.
3. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION, ELEVATION, ORIENTATION, DIMENSIONS, MATERIALS, JOINT LOCATIONS, ETC. OF EXISTING PIPELINES AT CONNECTION POINTS PRIOR TO ORDERING MATERIALS.
4. ELEVATIONS OF EXISTING UTILITIES THAT CROSS THE PROPOSED PIPELINE(S) SHALL BE VERIFIED BY TEST PITS SUFFICIENTLY IN ADVANCE OF PIPELINE INSTALLATION TO PROVIDE ADJUSTMENT TO AVOID CONFLICTS WITHOUT PROJECT DELAY, HORIZONTAL DEPICTIONS OF WATER SERVICES AND SANITARY SEWER LATERAL LOCATIONS ARE APPROXIMATE; THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL SERVICES. THE ENGINEER AND PU INSPECTOR SHALL BE NOTIFIED IMMEDIATELY IF DISCREPANCIES EXIST.

NOTE: MAINTENANCE OF EXISTING SIDEWALK CONSISTED OF REMOVING AND REPLACING EXISTING SIDEWALK PANELS WITH 4" HYDRAULIC CEMENT CONCRETE. WORK ALSO CONSISTS OF REGRADING EXIST. VERGE BETWEEN SIDEWALK AND CURB, FLUSH BETWEEN CONCRETE FEATURES. ALL DISTURBED AREAS SHALL BE STABILIZED WITH TOPSOIL AND SEEDING.

LEGEND

6.52		SPOT ELEVATION
		GUY WIRE
		OVERHEAD LINES
TR	E–TRANS	ELECTRIC TRANSFORMER
EHH	EHH	ELECTRIC HAND HOLE
		UNDERGROUND ELECTRIC LINE
	P/P	POWER POLE
EM	EM	ELECTRIC METER
		SIGN
	SWP	SANITARY WITNESS POST
	SFMV	SANITARY FORCE MAIN VALVE
		SANITARY FORCE MAIN LINE
		DRAINAGE PIPES
		TRAVERSE POINT
		TEMPORARY BENCHMARK
	18"OAK	TREE/SIZE & TYPE
		SHRUB
		ASPHALT SURFACE
	VF	VINYL FENCE
	WF	WIRE FENCE
	FH	FIRE HYDRANT
	WV	WATER VALVE
	WM	WATER METER
		UNDERGROUND WATER LINE
T	T–PED	TELEPHONE PEDESTAL
	TWP	TELEPHONE WITNESS POST
		UNDERGROUND COMMUNICATIONS LINE
	GV	GAS VALVE
G	GWP	GAS WITNESS POST
		UNDERGROUND GAS LINE
TR	TR–CAB	TRAFFIC CABINET
TRHH	TRHH	TRAFFIC HAND HOLE
	TR–BOOM	TRAFFIC BOOM
		UNDERGROUND TRAFFIC LINE
FO	FOWP	FIBER OPTIC WITNESS POST
FO	FOHH	FIBER OPTIC HAND HOLE
		UNDERGROUND FIBER OPTIC LINE
		UNKNOWN LINE
EOI	EOI	END OF INFORMATION
	MB	MAILBOX
	QLD	QUALITY LEVEL D
	DIP	DUCTILE IRON PIPE
	CM	CREPE MYRTLE
	CONC.	CONCRETE
	TOB	TOP OF BANK
	TOS	TOE OF SLOPE
	FES	FLARED END SECTION
	IOW	ISLE OF WIGHT

TOPOGRAPHIC SURVEY OF BENNS CHURCH BLVD. AT TURNER DR. ISLE OF WIGHT COUNTY, VIRGINIA

SCALE: 1" = 25'

PMI PROJECT #25257 & 25258

SURVEY NOTES:

1. THE MERIDIAN SOURCE OF THIS TOPOGRAPHIC SURVEY IS BASED ON THE VIRGINIA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NORTH AMERICAN DATUM 1983 (NA2011). THE PROJECT MERIDIAN WAS ESTABLISHED USING RTK GPS AND CONVENTIONAL METHODS.
2. ELEVATIONS REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) AND WERE ESTABLISHED USING RTK GPS METHODS.
3. THIS SURVEY WAS PREPARED TO SHOW EXISTING FEATURES AS OF JANUARY 27, 2026 AND DOES NOT CERTIFY TO CHANGES TO SITE CONDITIONS WHICH OCCUR SUBSEQUENT TO THIS DATE AND OR TO PROPOSED IMPROVEMENTS.
4. THIS SURVEY DOES NOT CONSTITUTE A BOUNDARY SURVEY NOR A SUBDIVISION OF LAND.
5. PROPERTY AND RIGHT–OF–WAY LINES ARE DEPICTED FOR GRAPHIC PURPOSES ONLY AND DO NOT REPRESENT A BOUNDARY SURVEY NOR A SUBDIVISION OF LAND. THE PROPERTY AND RIGHT–OF–WAY BEARINGS AND DISTANCES ARE NOT DEPICTED ON THIS TOPOGRAPHIC SURVEY BECAUSE THEY ARE A COMPILATION OF DEEDS AND PLATS WHICH HAVE BEEN SCALED, TRANSLATED AND ROTATED TO FIT INTO THE PROJECT DATUM.
6. THIS SURVEY DOES NOT INTEND TO DEPICT ANY WETLANDS, HAZARDOUS WASTE AND ENVIRONMENTAL FEATURES THAT MAY AFFECT SAID PROPERTY SHOWN HEREON EXCEPT AS SHOWN.
7. PIPE MATERIAL TYPES ARE DETERMINED BY FIELD OBSERVATIONS TO THE BEST OF OUR ABILITY. PMI DOES NOT WARRANT THE MATERIAL TYPE OF PIPES LOCATED IN CONFINED OR INACCESSIBLE SPACES.
8. THE UNDERGROUND UTILITIES SHOWN HAVE BEEN DESIGNATED BY PMI AND THE PAINT DESIGNATION LINES HAVE BEEN LOCATED IN THE FIELD. THE SURVEYOR MAKES NO GUARANTEE THAT THE UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDON. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED, ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATE AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. THE SURVEYOR FURTHER NOTIFIES ALL PARTIES THAT VIRGINIA LAW REQUIRES "VA811" BE CONTACTED PRIOR TO ANY EXCAVATION.
9. THE TOPOGRAPHY AND PHYSICAL FEATURES SHOWN ON THIS MAP WERE OBTAINED UNDER THE DIRECT AND RESPONSIBLE CHARGE AND SUPERVISION OF, GARY THOMAS, LS, FROM AN ACTUAL GROUND SURVEY. THIS TOPOGRAPHIC SURVEY, INCLUDING METADATA MEETS MINIMUM ACCURACY STANDARDS UNLESS OTHERWISE NOTED.
10. THIS TOPOGRAPHIC SURVEY WAS PREPARED/COMPILED BY:

PRECISION MEASUREMENTS, INC.
SURVEYORS – GPS – GIS – MAPPING – 3–D LASER SCANNING
11835 CANON BLVD. SUITE B103
NEWPORT NEWS, VA. 23606
(757) 595–7570
WWW.PRECISIONMEASUREMENTS.COM
VIRGINIA BEACH – NEWPORT NEWS – RICHMOND, VIRGINIA

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Virginia Beach, Virginia
Roadway Engineer

KHA PROJECT 117032035	DATE 05/04/2026	SCALE AS SHOWN	DESIGNED BY NVR
			DRAWN BY NVR
			CHECKED BY APF

GENERAL NOTES

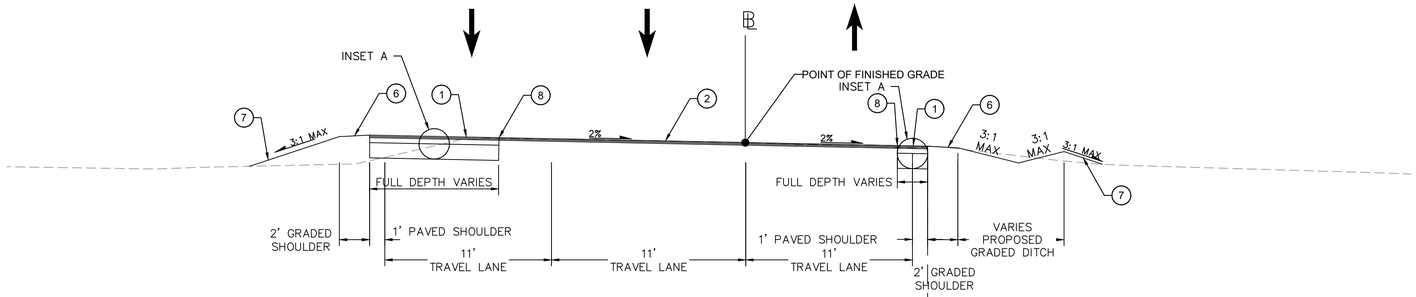
BENNS CHURCH INTERSECTION
PREPARED FOR
ISLE OF WIGHT COUNTY
SMITHFIELD VIRGINIA

SHEET NUMBER
2

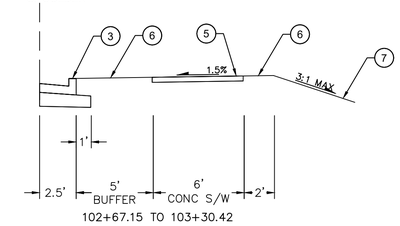
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KEYNOTE LEGEND

1. PROPOSED FULL DEPTH ASPHALT PAVEMENT (PAVEMENT DESIGN TO BE PROVIDED UPON COMPLETION OF GEOTECHNICAL REPORT)
2. PROPOSED 2" MILLING OF EXISTING PAVEMENT AND 2" SM-9.5A @ 220 LB/SY
3. VDOT STD. CG-6
4. VDOT STD. MS-1
5. HYDRAULIC CEMENT CONCRETE SIDEWALK, 4"
6. GRADED SLOPE WITH TOPSOIL AND SEED
7. GRADED SLOPE WITH VDOT STD. EC-2 MATTING, TOPSOIL, AND SEED
8. SAWCUT AND PAVEMENT DEMOLITION IN ACCORDANCE WITH VDOT STD. WP-2 DETAIL
9. VDOT STD. CG-2
10. VDOT STD. CG-3
11. HEAVY DUTY CEMENT CONCRETE TRUCK APRON, 8"

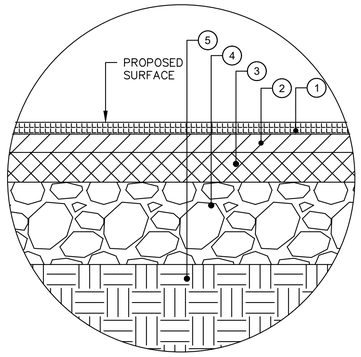


TURNER DRIVE
98+89.51 TO 103+30.42
N.T.S



102+67.15 TO 103+30.42

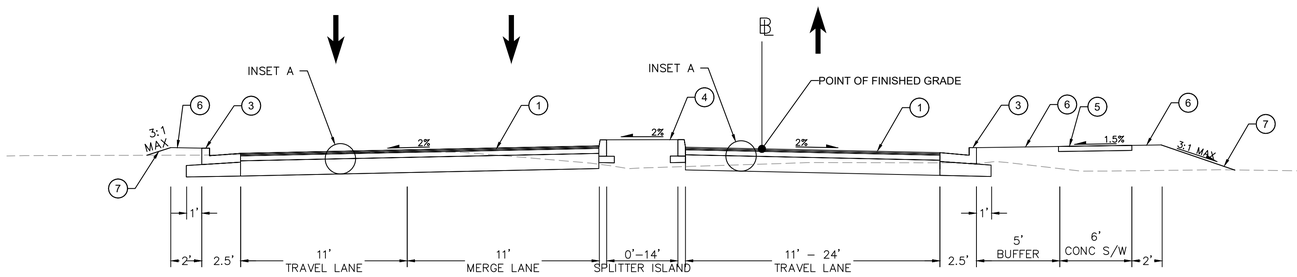
INSET A



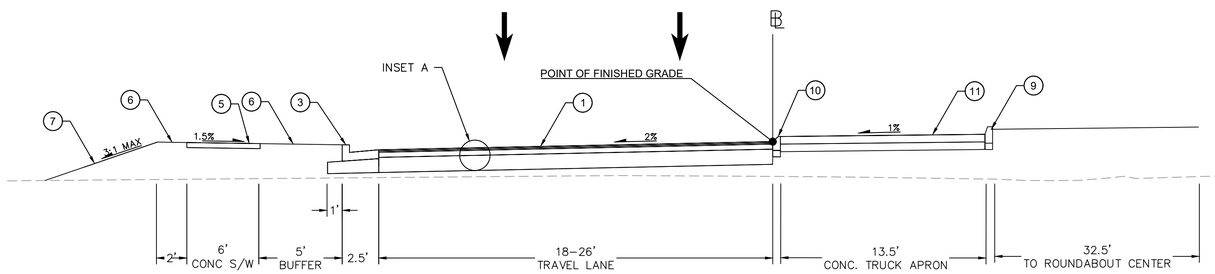
NOT TO SCALE

1. 2.0" ASPHALT CONCRETE SURFACE MIX, TYPE SM-9.5A @ 220 LBS/SY*
2. 3.0" ASPHALT CONCRETE INT. MIX TYPE IM-19.0A @ 330 LBS/SY*
3. 5.0" ASPHALT CONCRETE, BASE MIX, TYPE BM-25.0A @ 550 LBS/SY*
4. 8.0" AGGREGATE SUBBASE, TYPE I, UNTREATED, SIZE 21-A OR 21-B*
5. COMPACTED SUBGRADE, COMPACTED TO A DRY DENSITY OF AT LEAST 98% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D 698) AND APPROVED BY THE GEOTECHNICAL ENGINEER.

* PROPOSED PAVEMENT SECTIONS TO BE CONFIRMED WITH GEOTECHNICAL INVESTIGATIONS DURING DETAILED DESIGN



TURNER DRIVE
103+30.42 TO 103+96.05
N.T.S



ROUNDABOUT
800+00.00 TO 802+99.33
N.T.S

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Roadway Engineer

KHA PROJECT	117032044
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DRAWN BY	GMS
CHECKED BY	APF

TYPICAL SECTIONS

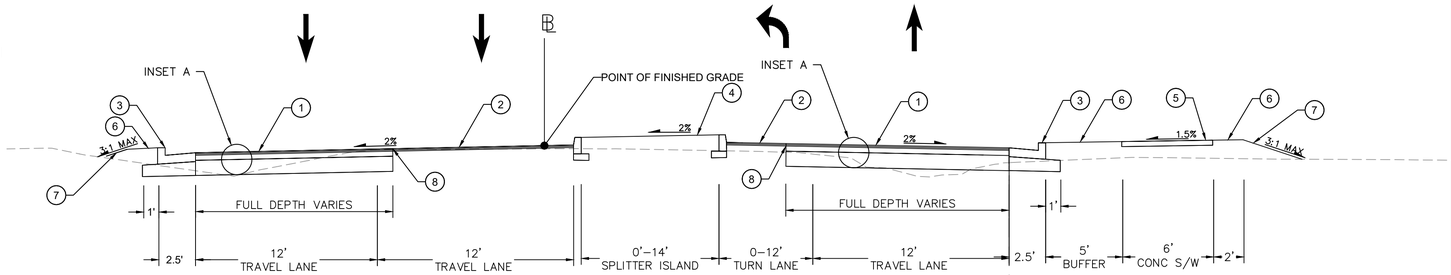
TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT
PREPARED FOR
ISLE OF WIGHT COUNTY VIRGINIA
SMITHFIELD

SHEET NUMBER
2A

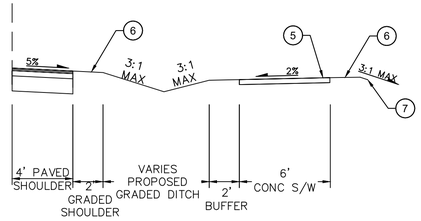
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KEYNOTE LEGEND

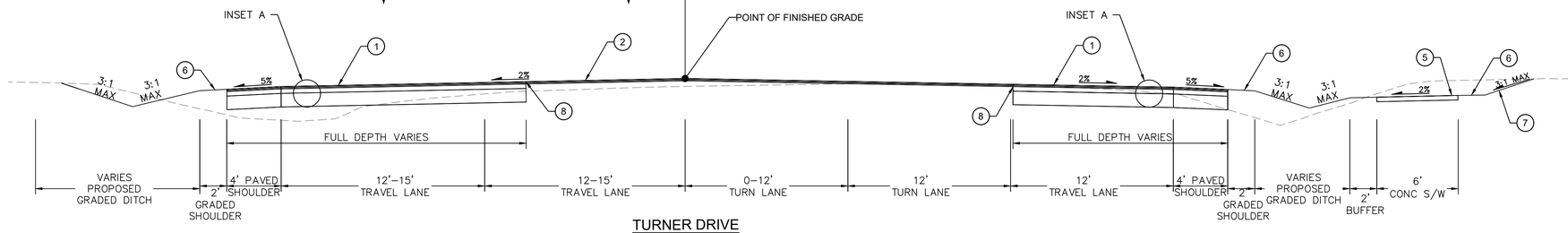
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10. VDOT STD. CG-3
11. HEAVY DUTY CEMENT CONCRETE TRUCK APRON, 8"



TURNER DRIVE
105+31.70 TO 106+75.47
N.T.S

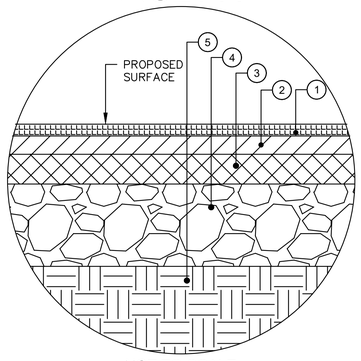


105+84.67 TO 106+75.47



TURNER DRIVE
106+75.47 TO 109+16.86
N.T.S

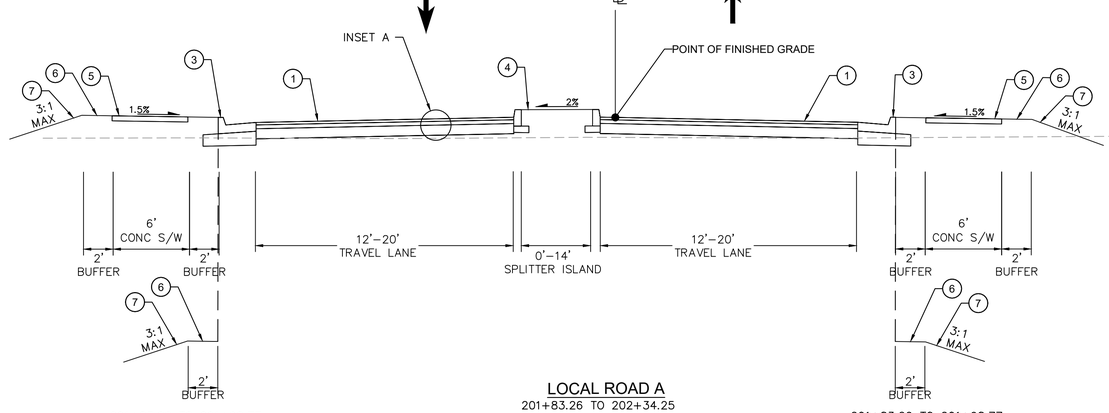
INSET A



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* PROPOSED PAVEMENT SECTIONS TO BE CONFIRMED WITH GEOTECHNICAL INVESTIGATIONS DURING DETAILED DESIGN



LOCAL ROAD A
201+83.26 TO 202+34.25
N.T.S

201+83.26 TO 201+98.77

201+83.26 TO 201+98.77

Plotted By:Sapino, Gino Sheet Set:Kha Layout:2B May 04, 2026 05:53:21pm K:\VAB_RDWY\117032044 - Benns Church Intersection\05 - Design\CADD\PlanSheets\TYPICAL SECTIONS.dwg
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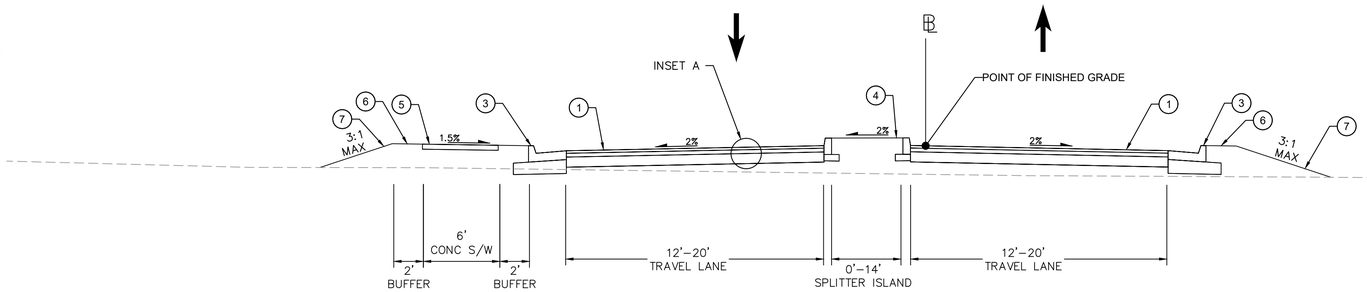
TYPICAL SECTIONS

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PREPARED FOR
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SMITHFIELD

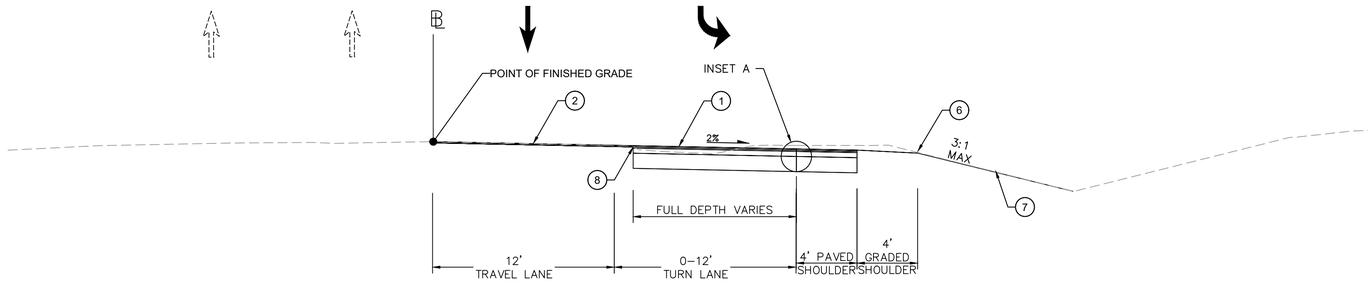
SHEET NUMBER
2B

KEYNOTE LEGEND

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9. VDOT STD. CG-2
10. VDOT STD. CG-3
11. HEAVY DUTY CEMENT CONCRETE TRUCK APRON, 8"

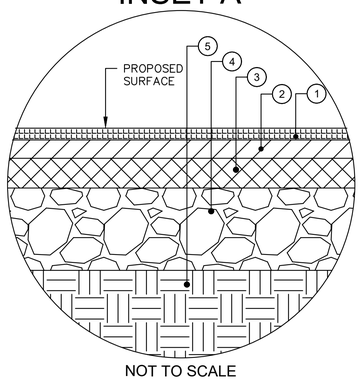


LOCAL ROAD B
300+62.42 TO 301+28.93
N.T.S



BENNS CHURCH BOULEVARD - UPC 119216
402+75.23 TO 406+75.23
N.T.S

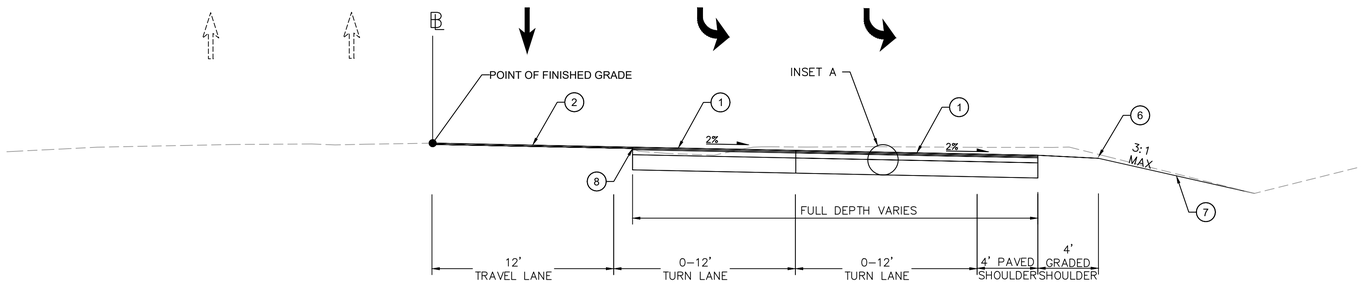
INSET A



NOT TO SCALE

1. 2.0" ASPHALT CONCRETE SURFACE MIX, TYPE SM-9.5A @ 220 LBS/SY*
2. 3.0" ASPHALT CONCRETE INT. MIX TYPE IM-19.0A @ 330 LBS/SY*
3. 5.0" ASPHALT CONCRETE, BASE MIX, TYPE BM-25.0A @ 550 LBS/SY*
4. 8.0" AGGREGATE SUBBASE, TYPE I, UNTREATED, SIZE 21-A OR 21-B*
5. COMPACTED SUBGRADE, COMPACTED TO A DRY DENSITY OF AT LEAST 98% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D 698) AND APPROVED BY THE GEOTECHNICAL ENGINEER.

* PROPOSED PAVEMENT SECTIONS TO BE CONFIRMED WITH GEOTECHNICAL INVESTIGATIONS DURING DETAILED DESIGN



BENNS CHURCH BOULEVARD - UPC 124999
402+88.10 TO 411+52.10
N.T.S

No.	REVISIONS	DATE

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PHONE: 757-213-8600
WWW.KIMLEY-HORN.COM

Kimley-Horn and Associates, Inc.
Virginia Beach, Virginia
Roadway Engineer

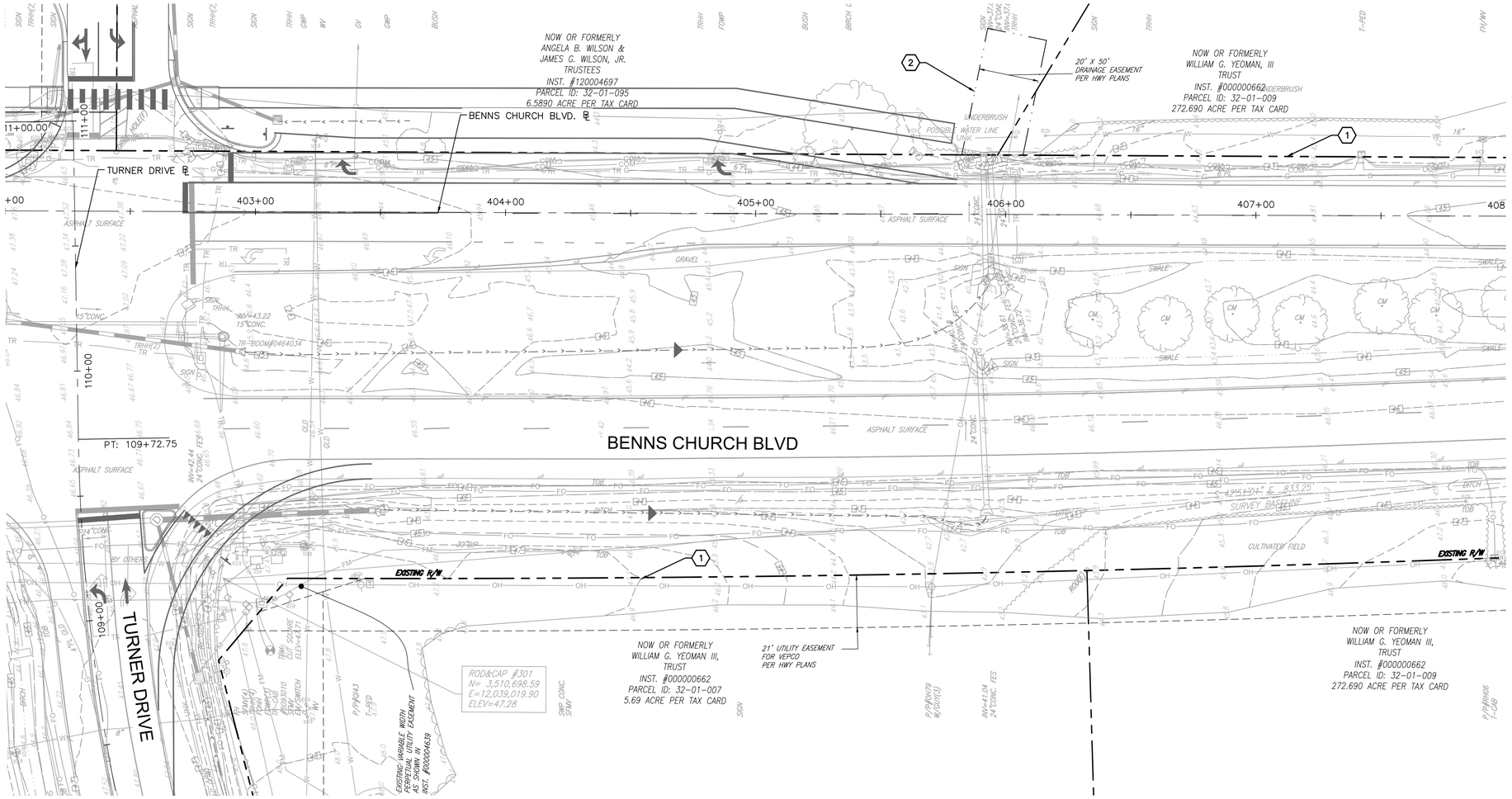
KHA PROJECT 117032044	DATE 05/04/2026	SCALE AS SHOWN	DESIGNED BY NVR	DRAWN BY CMS	CHECKED BY APF

TYPICAL SECTIONS

TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT
PREPARED FOR
ISLE OF WIGHT COUNTY
SMITHFIELD VIRGINIA

SHEET NUMBER
2C

Plotted By:Sapino, Gina Sheet Set:Kha Layout:2C May 04, 2026 05:52:45pm K:\VAB_RDWY\117032044 - Benns Church Intersection\05 - Design\CADD\PlanSheets\TYPICAL SECTIONS.dwg
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LEGEND

1. EXIST. R/W
2. EXIST. DRAINAGE EASEMENT
3. R/W PROPOSED BY OTHERS

NOTES:

1. LINEWORK IN DARKER SHADING DEPICTS PROPOSED IMPROVEMENTS ALONG BENNS CHURCH BOULEVARD UNDER DESIGN BY OTHERS

NORTH

GRAPHIC SCALE IN FEET
0 12.5 25 50

No.	REVISIONS	DATE

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Virginia Beach, Virginia
Roadway Engineer

KHA PROJECT 117032044
DATE 05/04/2026
SCALE AS SHOWN
DESIGNED BY NVR
DRAWN BY CMS
CHECKED BY APF

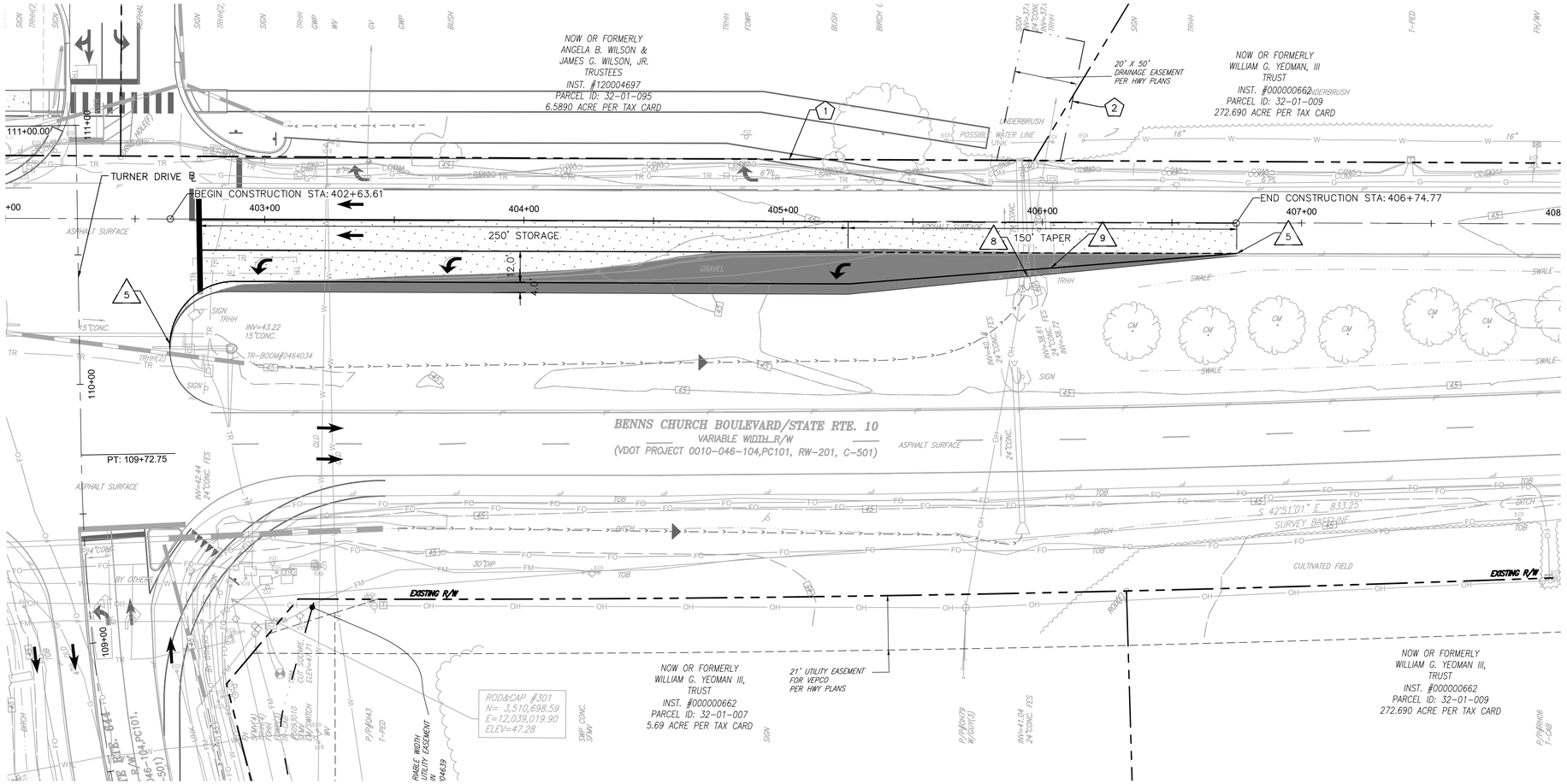
EXISTING CONDITIONS - UPC 119216

TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT

PREPARED FOR
ISLE OF WIGHT COUNTY
VIRGINIA
SMITHFIELD

SHEET NUMBER
3

Plotted By: Sapmis, Gina Sheet Set: Benns Lloyd Sheet Name: Existing Conditions
Plot Date: 4/Apr/2026 11:55:24 AM By: Sapmis, Gina
C:\Users\gina.sapmis\OneDrive - Kimley-Horn\Desktop\Benns Lloyd_Existing Conditions.dwg
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LEGEND

1	EXIST. R/W	———
2	EXIST. DRAINAGE EASEMENT	— · — · —
3	PROP. R/W	———
4	TEMP. CONSTR. EASEMENT	— · — · —
5	PERM. DRAINAGE EASEMENT	— · — · —
6	FUTURE IMPROVEMENTS BY ADJACENT DEVELOPMENT	— — —
7	R/W PROPOSED BY OTHERS	———

1	VDOT STD. CG-12 TYPE B REQ'D. (6' WIDTH)
2	VDOT STD. CG-6 REQ'D.
3	VDOT STD. CG-2 REQ'D
4	VDOT STD. CG-3 REQ'D.
5	TIE TO EXIST. PAVEMENT
6	VDOT STD. MS-1 REQ'D.
7	RELOCATE EXISTING UTILITY POLE
8	REMOVE AND RELOCATE EXISTING SIGN
9	RELOCATE TRAFFIC SIGNAL EQUIPMENT
10	RELOCATE SIGNAL POLE AND MAST ARM (SEE SHEET 8 FOR TRAFFIC SIGNAL POLE ALTERNATIVES)
11	VDOT STD. CG-12 R11 REQ'D.
12	PROPOSED WET POND

- DENOTES PROP. FULL DEPTH ASPHALT PAVEMENT
- DENOTES PROP. VARIABLE MILL AND OVERLAY WITH SM-9.5A @220 LBS/SY
- DENOTES DETECTABLE WARNING SURFACE
- DENOTES PROP. CONCRETE SIDEWALK
- DENOTES PROP. CONCRETE TRUCK APRON
- DIRECTIONAL ARROW
- PROP. DITCH

NOTES:

1. LINEWORK IN DARKER SHADING DEPICTS PROPOSED IMPROVEMENTS ALONG BENNS CHURCH BOULEVARD UNDER DESIGN BY OTHERS

NORTH

GRAPHIC SCALE IN FEET
0 12.5 25 50

No.	REVISIONS	DATE

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Kimley-Horn and Associates, Inc.
Virginia Beach, Virginia
Roadway Engineer

KHA PROJECT	117032044
DATE	05/04/2026
SCALE	AS SHOWN
DESIGNED BY	NVR
DRAWN BY	GMS
CHECKED BY	APF

ROADWAY PLANS - UPC 119216

TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT

PREPARED FOR
ISLE OF WIGHT COUNTY VIRGINIA
SMITHFIELD

SHEET NUMBER
3A

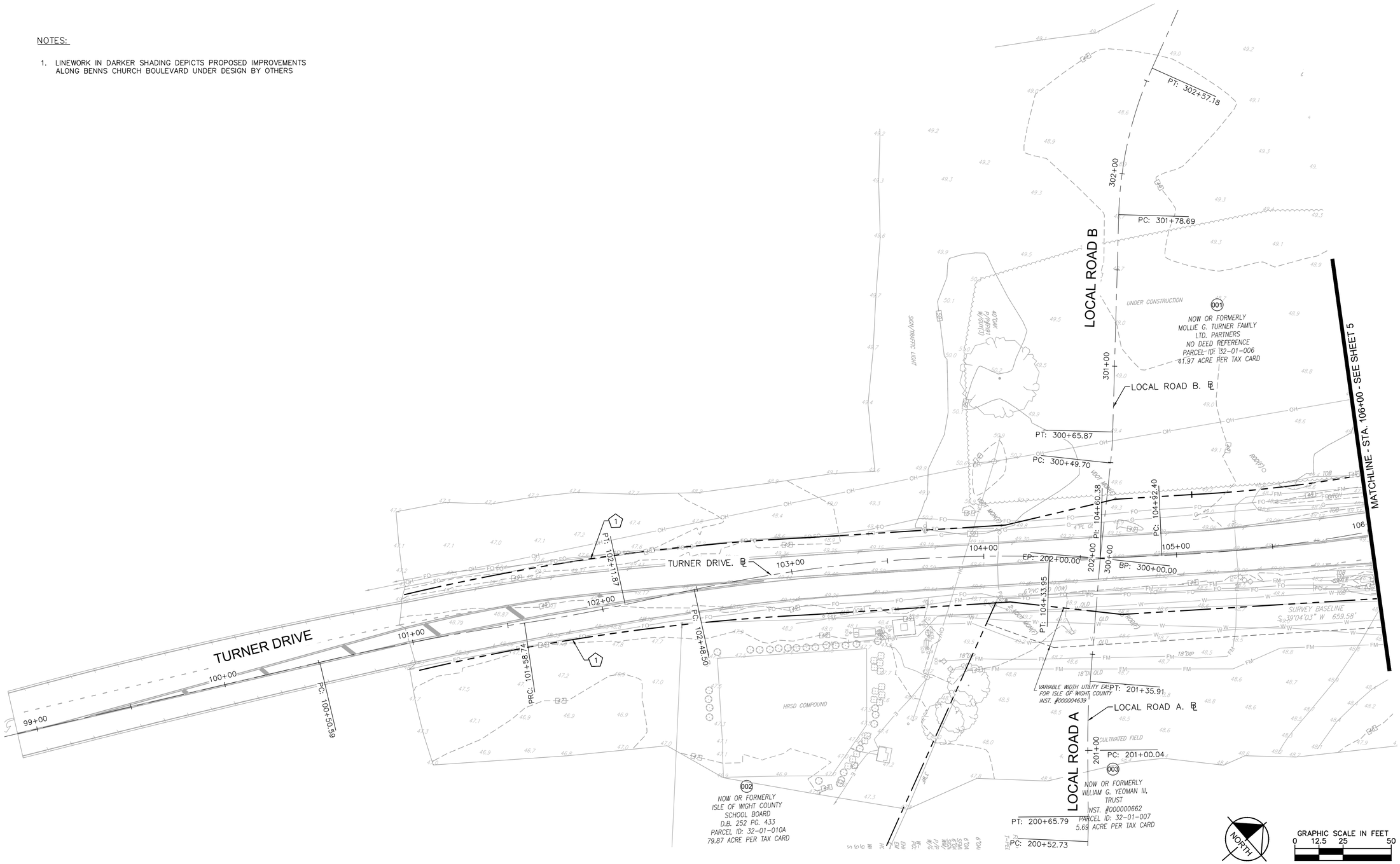
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LEGEND

1	EXIST. R/W	——— – – – ———
2	EXIST. DRAINAGE EASEMENT	— · · — — · · — — · · —
3	R/W PROPOSED BY OTHERS	——— – – – ———

NOTES:

1. LINEWORK IN DARKER SHADING DEPICTS PROPOSED IMPROVEMENTS ALONG BENNS CHURCH BOULEVARD UNDER DESIGN BY OTHERS



No.	REVISIONS	DATE

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Kimley-Horn and Associates, Inc.
Virginia Beach, Virginia
Roadway Engineer

KHA PROJECT 117032044		DESIGNED BY	NVR
DATE	05/04/2026	DRAWN BY	GMS
SCALE	AS SHOWN	CHECKED BY	APF

EXISTING CONDITIONS - UPC 124999

TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT
PREPARED FOR
ISLE OF WIGHT COUNTY
SMITHFIELD VIRGINIA

SHEET NUMBER
4

Plotted By: Sapinos, Gina Sheet Set: Roms \Dynamic Elements\CONSTRUCTION\PLANS Sheet: Existing Conditions.dwg
Saved By: GSapinos Date Saved: 4/28/2026 10:49:52 AM Xref: 20260428 EXISTING CONDITIONS.dwg
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LEGEND

1. EXIST. R/W
2. EXIST. DRAINAGE EASEMENT
3. PROP. R/W
4. TEMP. CONSTR. EASEMENT
5. PERM. DRAINAGE EASEMENT
6. FUTURE IMPROVEMENTS BY ADJACENT DEVELOPMENT
7. R/W PROPOSED BY OTHERS

1. VDOT STD. CG-12 TYPE B REQ'D. (6' WIDTH)
2. VDOT STD. CG-6 REQ'D.
3. VDOT STD. CG-2 REQ'D
4. VDOT MOD. CG-3 REQ'D.
5. TIE TO EXIST. PAVEMENT
6. VDOT STD. MS-1 REQ'D.
7. RELOCATE EXISTING UTILITY POLE
8. REMOVE AND RELOCATE EXISTING SIGN
9. RELOCATE TRAFFIC SIGNAL EQUIPMENT (SEE SHEET 8 FOR TRAFFIC SIGNAL POLE ALTERNATIVES)
10. RELOCATE SIGNAL POLE AND MAST ARM
11. VDOT STD. CG-12 R11 REQ'D.
12. PROPOSED WET POND

DENOTES PROP. FULL DEPTH ASPHALT PAVEMENT

DENOTES PROP. VARIABLE MILL AND OVERLAY WITH SM-9.5A @220 LBS/SY

DENOTES DETECTABLE WARNING SURFACE

DENOTES PROP. CONCRETE SIDEWALK

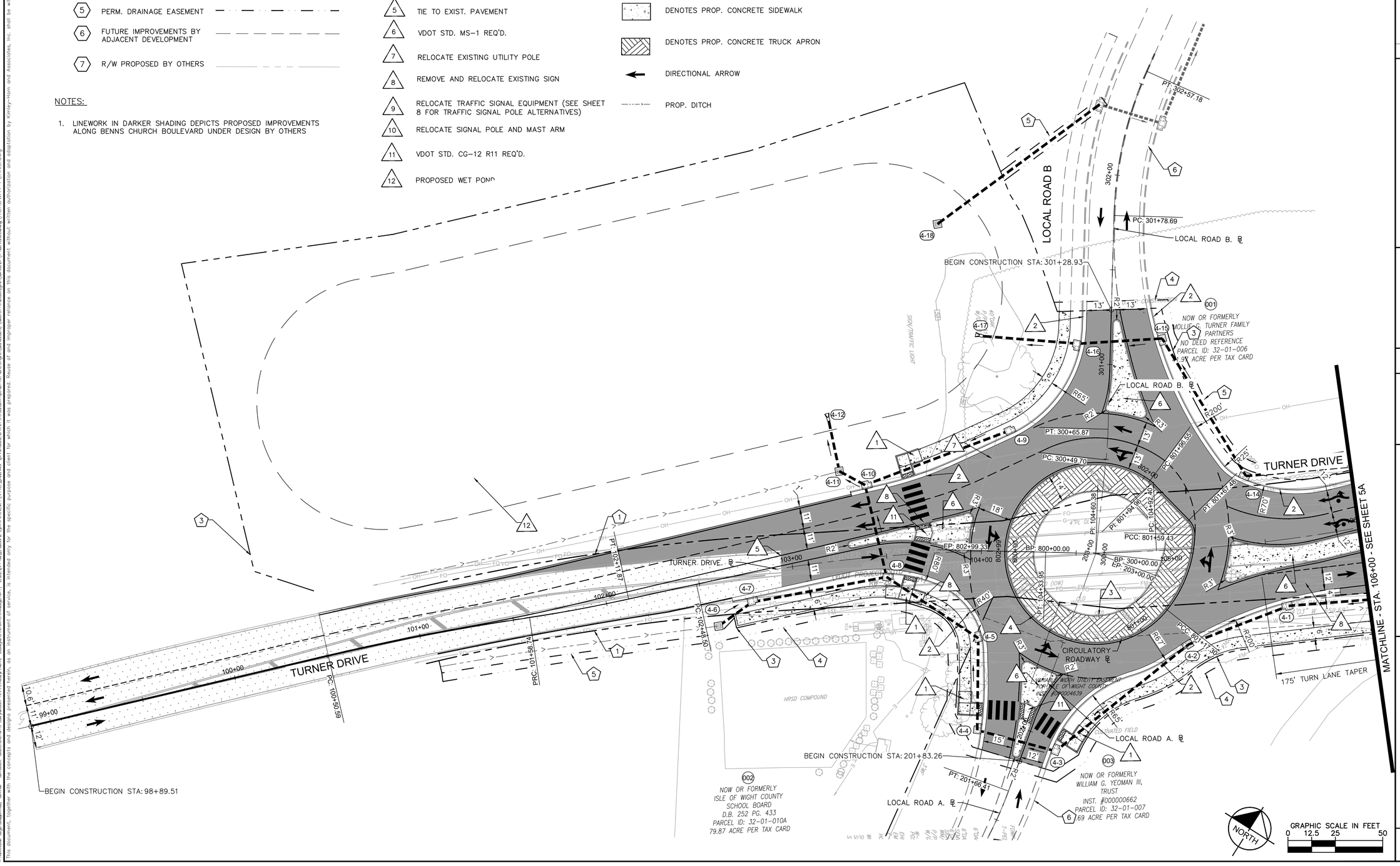
DENOTES PROP. CONCRETE TRUCK APRON

DIRECTIONAL ARROW

PROP. DITCH

NOTES:

1. LINEWORK IN DARKER SHADING DEPICTS PROPOSED IMPROVEMENTS ALONG BENNS CHURCH BOULEVARD UNDER DESIGN BY OTHERS



Plotted By: Stephens, Gina Sheet Set: Benns (Joyce) 4A1 May 04, 2026 By: Joyce, Nicholas V. (NV) J:\Projects\117032044 - Benns Church Blvd\Design\Civil\Plan Sheets\ROADWAY PLANS.dwg
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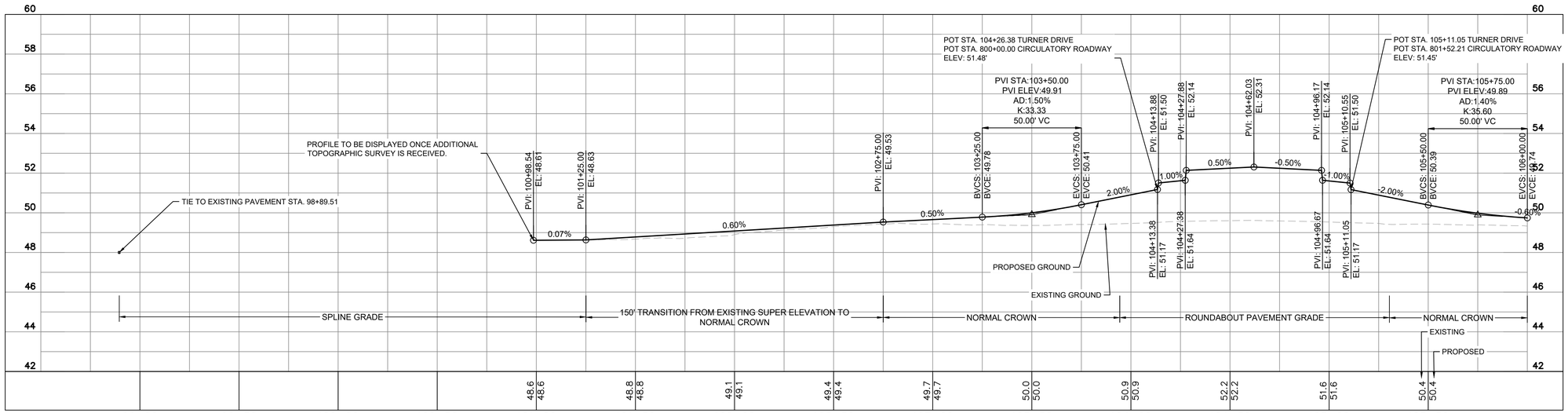
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Virginia Beach, Virginia
Roadway Engineer

KHA PROJECT 117032044			
DATE	05/04/2026		
SCALE	AS SHOWN		
DESIGNED BY	NVR		
DRAWN BY	CMS		
CHECKED BY	APF		

ROADWAY PLANS - UPC 124999

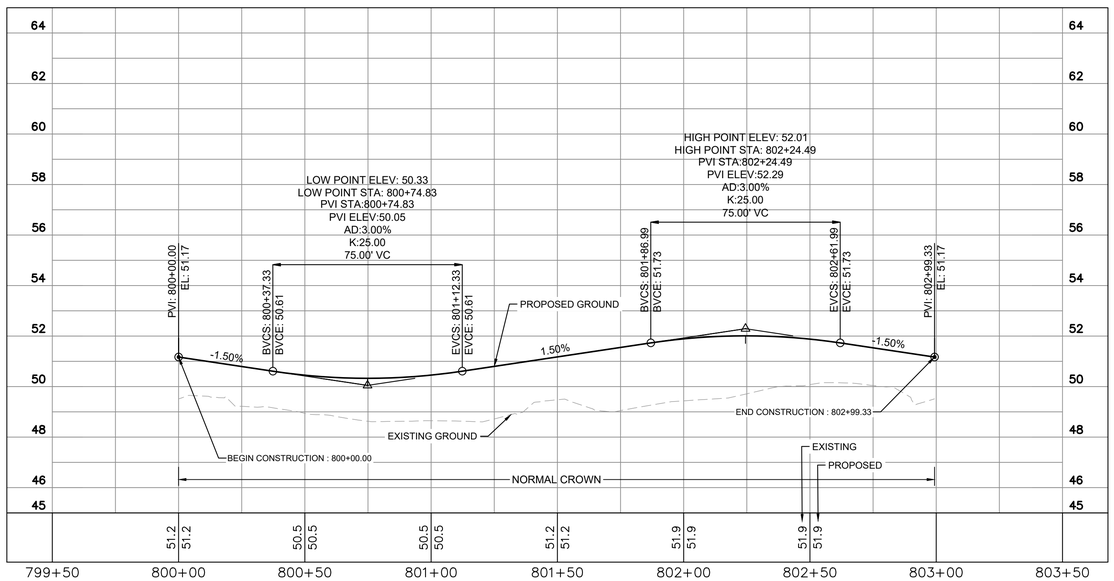
TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT
PREPARED FOR
ISLE OF WIGHT COUNTY VIRGINIA
SMITHFIELD

SHEET NUMBER
4A



TURNER DRIVE

STA: 98+50.00 TO STA: 106+00.00



CIRCULATORY ROADWAY

STA: 799+50.00 TO STA: 803+50.00

GRAPHIC SCALE IN FEET
0 12.5 25 50
HORIZONTAL

0 1.25 2.5 5
VERTICAL

No.	REVISIONS	DATE

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Roadway Engineer

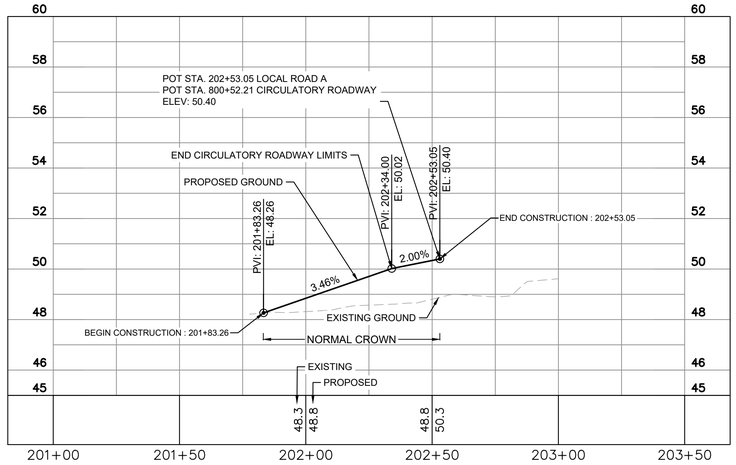
KHA PROJECT 117032044	DATE 05/04/2026	SCALE AS SHOWN	DESIGNED BY NVR	DRAWN BY GMS	CHECKED BY APF

ROADWAY PROFILES

TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT
PREPARED FOR
ISLE OF WIGHT COUNTY
SMITHFIELD VIRGINIA

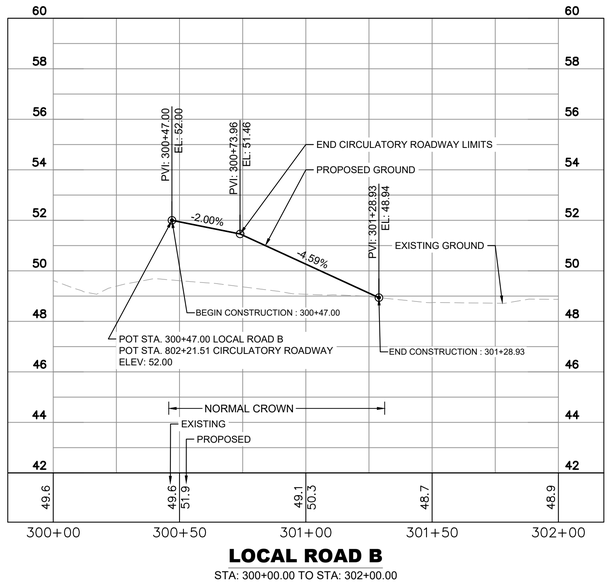
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4B(1)

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LOCAL ROAD A

STA: 201+00.00 TO STA: 203+50.00



LOCAL ROAD B

STA: 300+00.00 TO STA: 302+00.00

GRAPHIC SCALE IN FEET
0 12.5 25 50
HORIZONTAL

0 1.25 2.5 5
VERTICAL

No.	REVISIONS	DATE

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Roadway Engineer

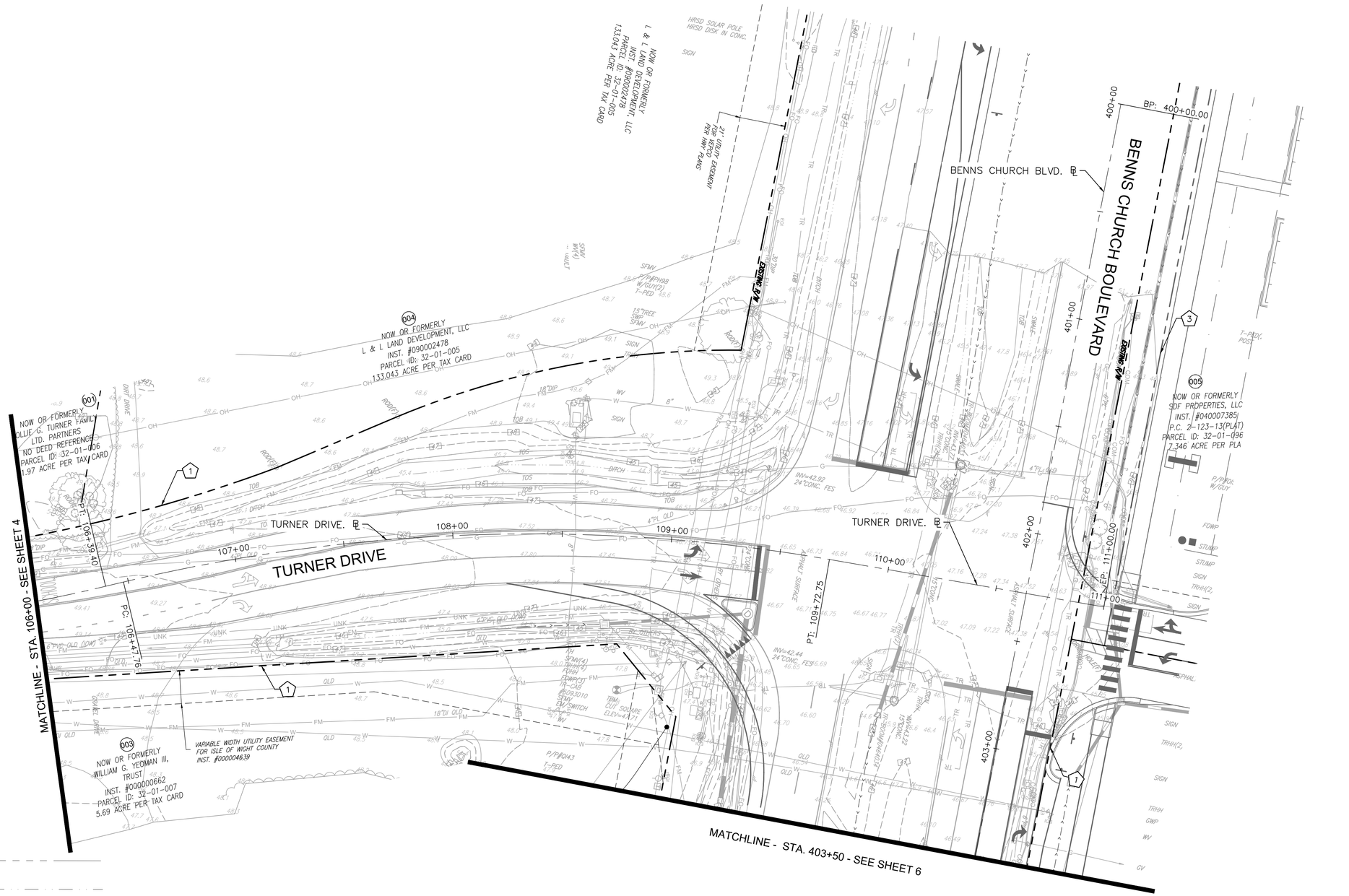
KHA PROJECT 117032044	DATE 05/04/2026	SCALE AS SHOWN	DESIGNED BY NVR	DRAWN BY GMS	CHECKED BY APF

ROADWAY PROFILES

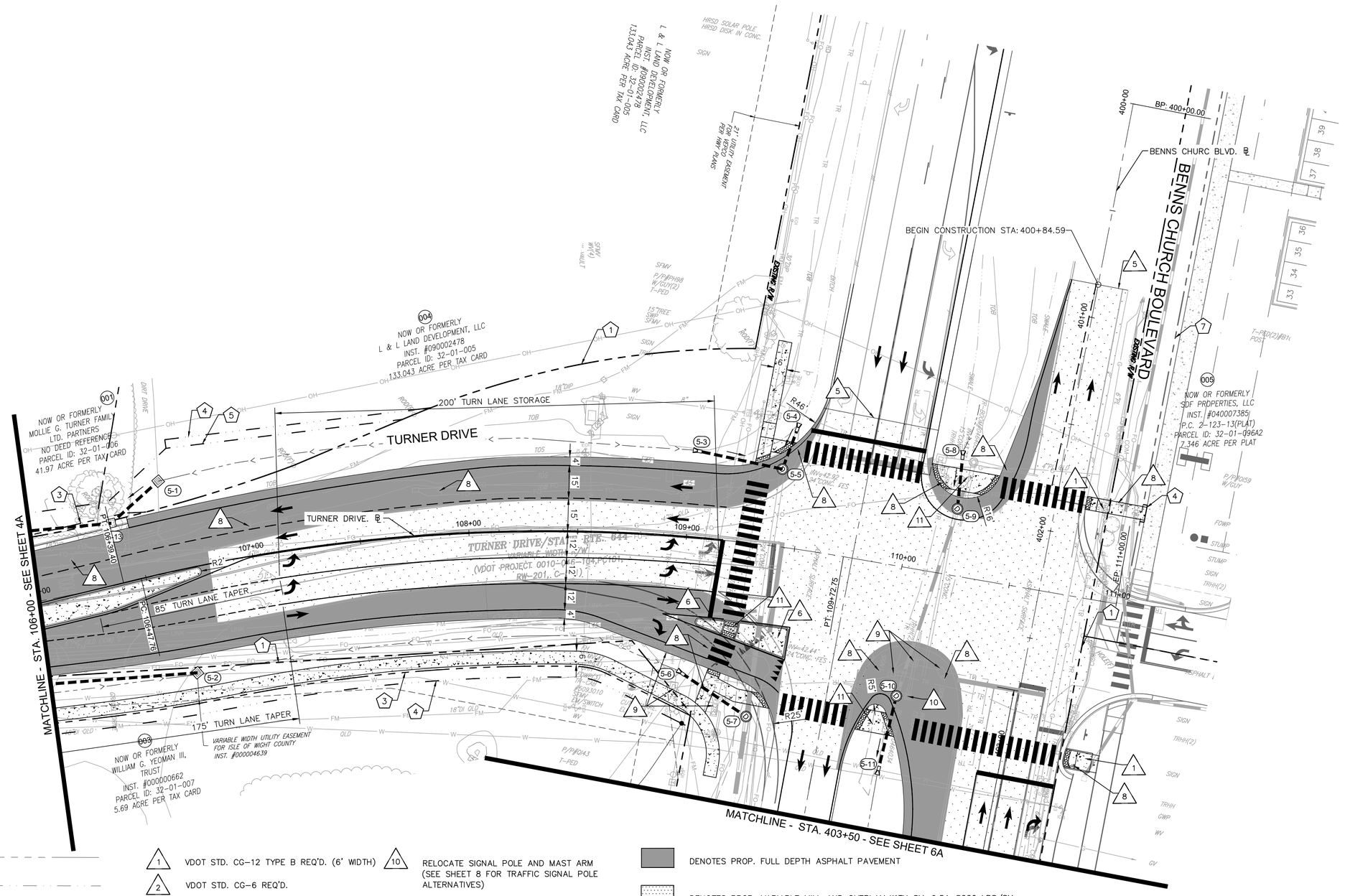
TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT
PREPARED FOR
ISLE OF WIGHT COUNTY VIRGINIA
SMITHFIELD

SHEET NUMBER
4B(2)

Plotted By:Sapino, Gina Sheet Set:Kha Layout:4B(2) May 04, 2026 05:52:17pm K:\VAB_RDWY\117032044 – Benns Church Intersection\05 – Design\CADD\PlanSheets\ROADWAY PROFILES.dwg
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BENNS CHURCH BLVD. ℄
BENNS CHURCH BOULEVARD
BP: 400+00.00
400+00
401+00
402+00
403+00
TURNER DRIVE. ℄
TURNER DRIVE
107+00
108+00
109+00
110+00
111+00
EP: 111+00.00
PC: 106+47.76
PT: 109+72.75
MATCHLINE - STA. 106+00 - SEE SHEET 4
MATCHLINE - STA. 403+50 - SEE SHEET 6
001
NOW OR FORMERLY
OLLIE G. TURNER FAMILY
LTD. PARTNERS
NO DEED REFERENCE
PARCEL ID: 32-01-006
1.97 ACRE PER TAX CARD
003
NOW OR FORMERLY
WILLIAM G. YEOMAN III,
TRUST
INST. #000000662
PARCEL ID: 32-01-007
5.69 ACRE PER TAX CARD
004
NOW OR FORMERLY
L & L LAND DEVELOPMENT, LLC
INST. #090002478
PARCEL ID: 32-01-005
133.043 ACRE PER TAX CARD
005
NOW OR FORMERLY
L & L LAND DEVELOPMENT, LLC
INST. #090002478
PARCEL ID: 32-01-005
133.043 ACRE PER TAX CARD
009
NOW OR FORMERLY
SDF PROPERTIES, LLC
INST. #040007385
P.C. 2-123-13(PLAT)
PARCEL ID: 32-01-096
7.346 ACRE PER PLA
VARIABLE WIDTH UTILITY EASEMENT
FOR ISLE OF WIGHT COUNTY
INST. #000004639
HRSD SOLAR POLE
HRSD DISK IN CONC.
12" DUCTILE IRON FORCE MAIN PER HRSD PLANS
INV=42.92
24"CONC. FES
INV=42.44
24"CONC. FES
INV=43.31
27"RCP
INV=43.27
24"RCP
SIGN
TRHH(2)
GWP
WV
GV
STUMP
FOWP
P/P/POL W/GUY
T-FIOS POST
SFMV
P/P/PHB W/GUY(2) T-FIOS
15"TREE SWP
SFMV
18"DIP
8"
W
4"PL GLD
18"DI GLD
12"DIP
24"RCP
FES
CMP
CB
DITCH
TOB
TOS
FO
FM
OHP
OH
UNK
GLD
W
TR
HW
EOP
EOM
EOW
EOD
RDWY
ASPHAL
CONC
SIDEWALK
CURB
GUTTER
TRAFFIC SIGNAL
SIGNAL BOX
TRAFFIC SIGNAL POLE
TRAFFIC SIGNAL MAST ARM
TRAFFIC SIGNAL CABINET
TRAFFIC SIGNAL CONTROLLER
TRAFFIC SIGNAL SWITCH
TRAFFIC SIGNAL CONTROL BOX
TRAFFIC SIGNAL CONTROL BOX W/ CAB
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LEGEND

1. EXIST. R/W
2. EXIST. DRAINAGE EASEMENT
3. PROP. R/W
4. TEMP. CONSTR. EASEMENT
5. PERM. DRAINAGE EASEMENT
6. FUTURE IMPROVEMENTS BY ADJACENT DEVELOPMENT
7. R/W PROPOSED BY OTHERS

1. VDOT STD. CG-12 TYPE B REQ'D. (6' WIDTH)
2. VDOT STD. CG-6 REQ'D.
3. VDOT STD. CG-2 REQ'D
4. VDOT STD. CG-3 REQ'D.
5. TIE TO EXIST. PAVEMENT
6. VDOT STD. MS-1 REQ'D.
7. RELOCATE EXISTING UTILITY POLE
8. REMOVE AND RELOCATE EXISTING SIGN
9. RELOCATE TRAFFIC SIGNAL EQUIPMENT
10. RELOCATE SIGNAL POLE AND MAST ARM (SEE SHEET 8 FOR TRAFFIC SIGNAL POLE ALTERNATIVES)
11. VDOT STD. CG-12 R11 REQ'D.
12. PROPOSED WET POND

- DENOTES PROP. FULL DEPTH ASPHALT PAVEMENT
- DENOTES PROP. VARIABLE MILL AND OVERLAY WITH SM-9.5A @220 LBS/SY
- DENOTES DETECTABLE WARNING SURFACE
- DENOTES PROP. CONCRETE SIDEWALK
- DENOTES PROP. CONCRETE TRUCK APRON
- DIRECTIONAL ARROW
- PROP. DITCH

NOTES:

1. LINEWORK IN DARKER SHADING DEPICTS PROPOSED IMPROVEMENTS ALONG BENNS CHURCH BOULEVARD UNDER DESIGN BY OTHERS

NORTH

GRAPHIC SCALE IN FEET
0 12.5 25 50

No.	REVISIONS	DATE

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Kimley-Horn and Associates, Inc.
Virginia Beach, Virginia
Roadway Engineer

KHA PROJECT 117032044	DATE 05/04/2026	SCALE AS SHOWN	DESIGNED BY NVR
		DRAWN BY GMS	CHECKED BY APF

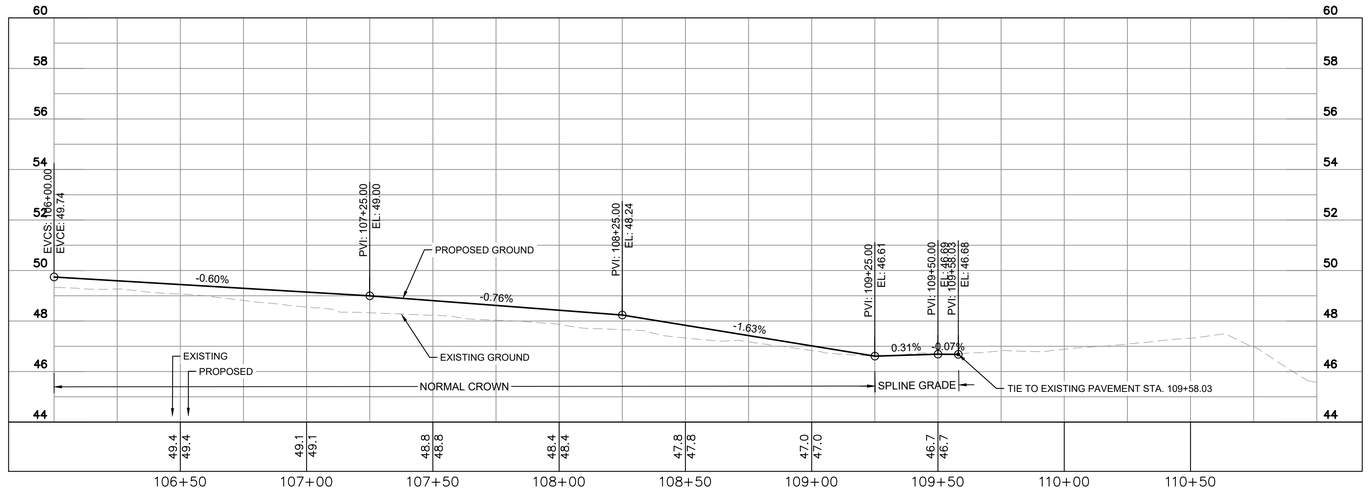
ROADWAY PLANS - UPC 124999

TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT

PREPARED FOR

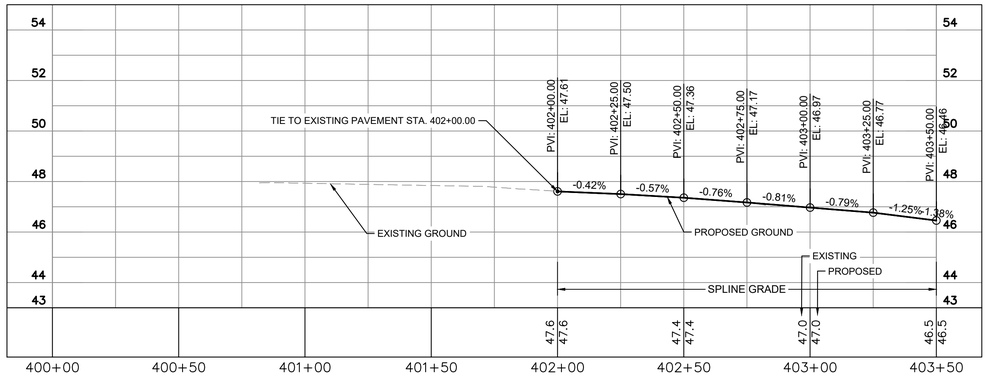
ISLE OF WIGHT COUNTY
VIRGINIA
SMITHFIELD

SHEET NUMBER
5A



TURNER DRIVE

STA: 106+00.00 TO STA: 111+00.00



BENNS CHURCH BLVD. BL

STA: 400+00.00 TO STA: 403+50.00

GRAPHIC SCALE IN FEET
0 12.5 25 50
HORIZONTAL

0 1.25 2.5 5
VERTICAL

No.	REVISIONS	DATE

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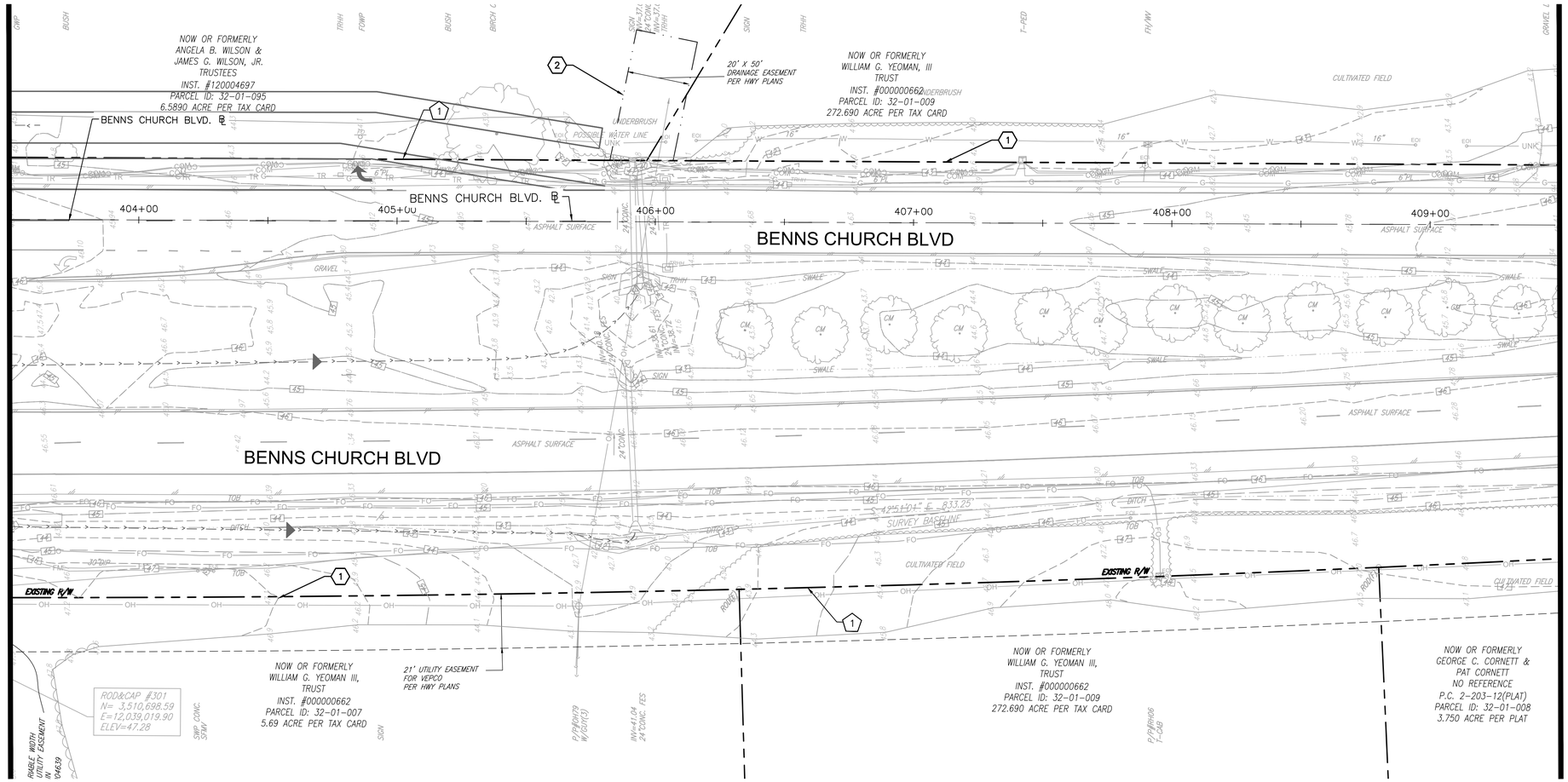
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			DRAWN BY CMS
			CHECKED BY APF

ROADWAY PROFILES

TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT
PREPARED FOR
ISLE OF WIGHT COUNTY VIRGINIA
SMITHFIELD

SHEET NUMBER
5B(1)

Plotted By:Sapino, Gina Sheet Set:Kha Layout:5B(1) May 04, 2026 05:50:29pm K:\VAB_RDWY\117032044 - Benns Church Intersection\05 - Design\CADD\PlanSheets\ROADWAY PROFILES.dwg
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LEGEND

1. EXIST. R/W
2. EXIST. DRAINAGE EASEMENT
3. R/W PROPOSED BY OTHERS

NOTES:

1. LINEWORK IN DARKER SHADING DEPICTS PROPOSED IMPROVEMENTS ALONG BENNS CHURCH BOULEVARD UNDER DESIGN BY OTHERS

NORTH

GRAPHIC SCALE IN FEET
0 12.5 25 50

No.	REVISIONS	DATE

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Roadway Engineer

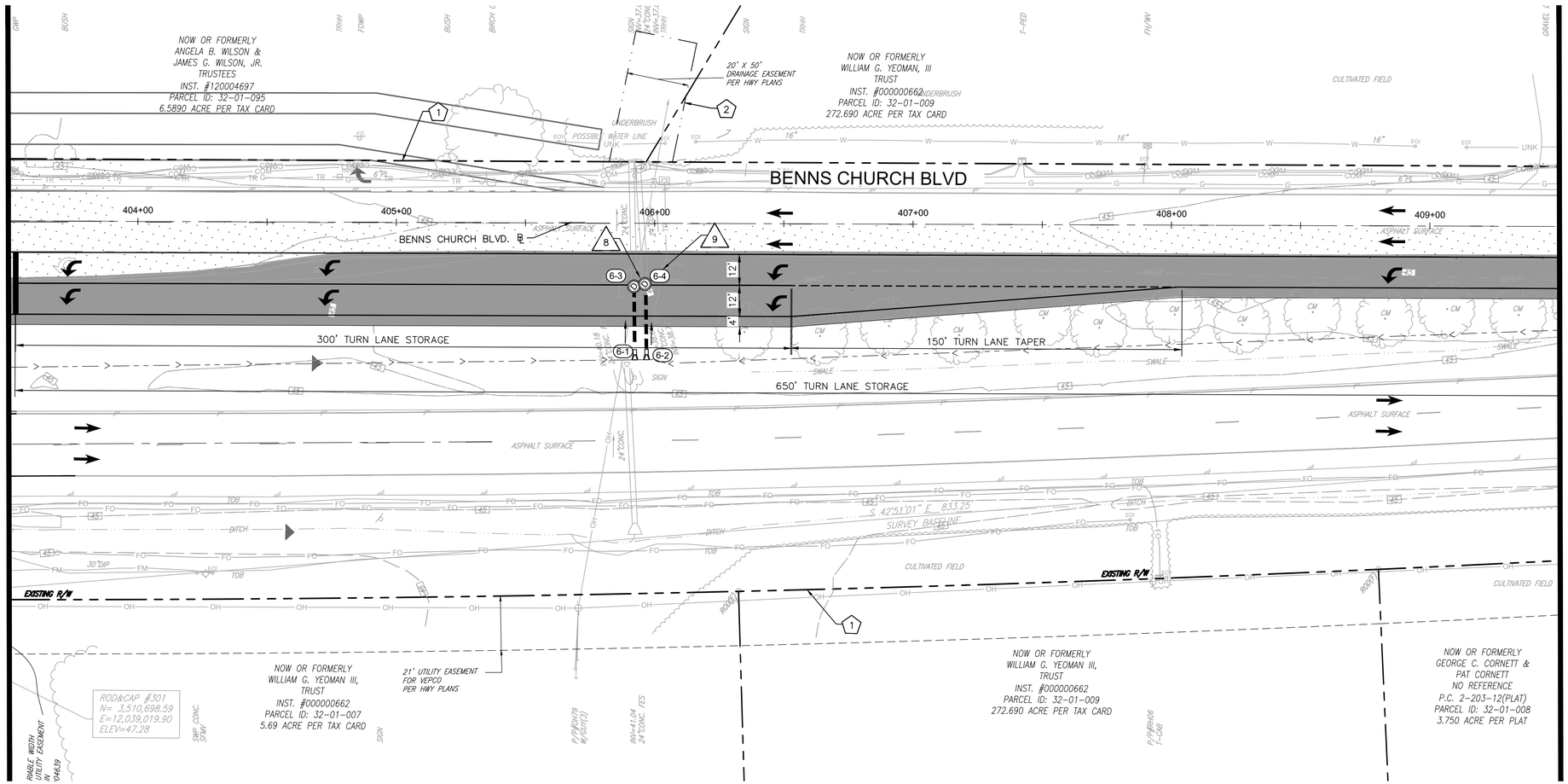
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DATE	05/04/2026
SCALE	AS SHOWN
DESIGNED BY	NVR
DRAWN BY	CMS
CHECKED BY	APF

EXISTING CONDITIONS - UPC 124999

TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT
PREPARED FOR
ISLE OF WIGHT COUNTY
VIRGINIA
SMITHFIELD

SHEET NUMBER
6

Plotted By: Sapirma, Gina Sheet Set: Sheets (Layout): 6 of 16 Xrefs: C:\Users\gina.sapirma\Kimley-Horn\Turner Drive & Benns Church Blvd - Documents\Design\CAD\Civil\Plan Sheets\Existing Conditions.dwg
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LEGEND

1	EXIST. R/W	1	VDOT STD. CG-12 TYPE B REQ'D. (6' WIDTH)
2	EXIST. DRAINAGE EASEMENT	2	VDOT STD. CG-6 REQ'D.
3	PROP. R/W	3	VDOT STD. CG-2 REQ'D
4	TEMP. CONSTR. EASEMENT	4	VDOT STD. CG-3 REQ'D.
5	PERM. DRAINAGE EASEMENT	5	TIE TO EXIST. PAVEMENT
6	FUTURE IMPROVEMENTS BY ADJACENT DEVELOPMENT	6	VDOT STD. MS-1 REQ'D.
7	R/W PROPOSED BY OTHERS	7	RELOCATE EXISTING UTILITY POLE
		8	REMOVE AND RELOCATE EXISTING SIGN
		9	RELOCATE TRAFFIC SIGNAL EQUIPMENT
		10	RELOCATE SIGNAL POLE AND MAST ARM (SEE SHEET 8 FOR TRAFFIC SIGNAL POLE ALTERNATIVES)
		11	VDOT STD. CG-12 R11 REQ'D.
		12	PROPOSED WET POND

- DENOTES PROP. FULL DEPTH ASPHALT PAVEMENT
- DENOTES PROP. VARIABLE MILL AND OVERLAY WITH SM-9.5A @220 LBS/SY
- DENOTES DETECTABLE WARNING SURFACE
- DENOTES PROP. CONCRETE SIDEWALK
- DENOTES PROP. CONCRETE TRUCK APRON
- DIRECTIONAL ARROW
- PROP. DITCH

NOTES:

1. LINEWORK IN DARKER SHADING DEPICTS PROPOSED IMPROVEMENTS ALONG BENNS CHURCH BOULEVARD UNDER DESIGN BY OTHERS

NORTH

GRAPHIC SCALE IN FEET
0 12.5 25 50

No.	REVISIONS	DATE

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Kimley-Horn and Associates, Inc.
Virginia Beach, Virginia
Roadway Engineer

KHA PROJECT 117032044			
DATE	05/04/2026		
SCALE	AS SHOWN		
DESIGNED BY	NVR	CMS	APF
DRAWN BY	CMS		
CHECKED BY	APF		

ROADWAY PLANS - UPC 124999

TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT

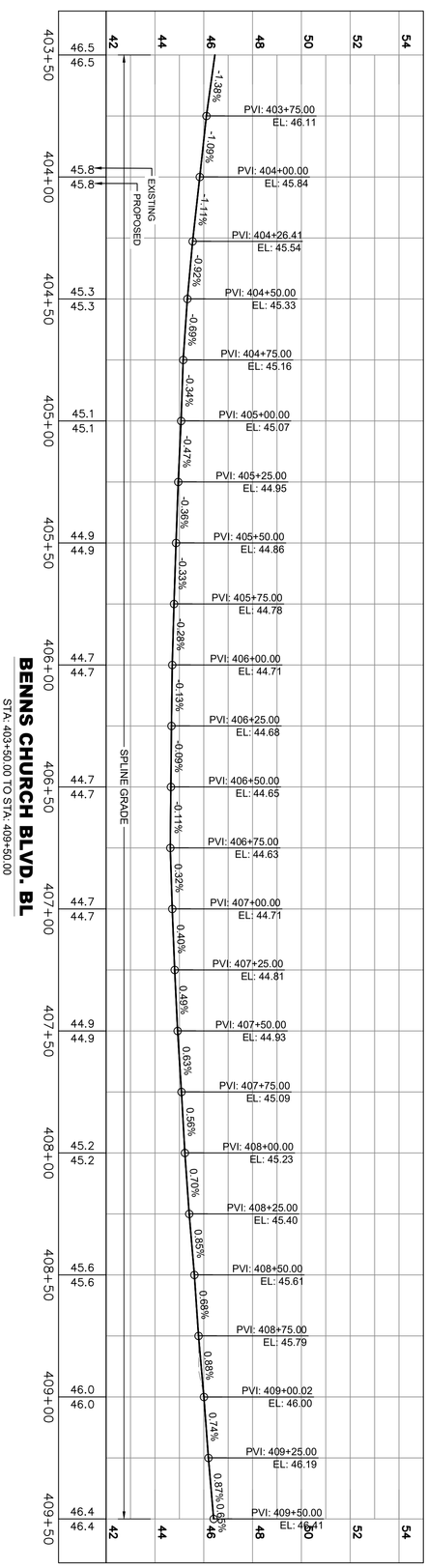
PREPARED FOR
ISLE OF WIGHT COUNTY
VIRGINIA
SMITHFIELD

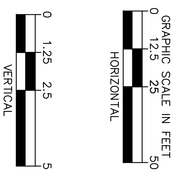
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SHEET NUMBER 6B

TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT
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ISLE OF WIGHT COUNTY
SMITHFIELD VIRGINIA

ROADWAY PROFILES

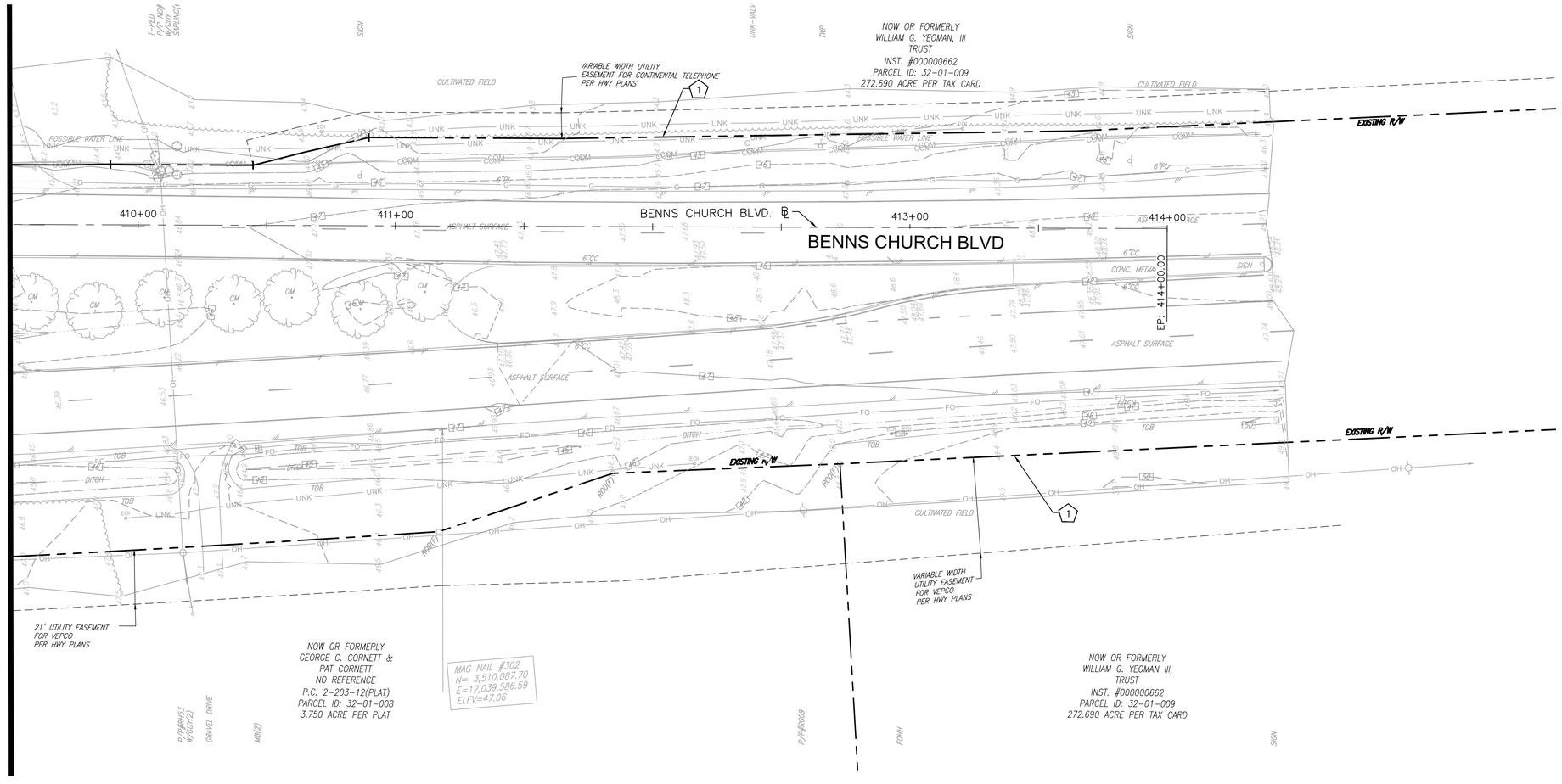
KHA PROJECT 117032044
DATE 05/04/2026
SCALE AS SHOWN
DESIGNED BY NVR
DRAWN BY GMS
CHECKED BY APF

Kimley-Horn and Associates, Inc.
Virginia Beach, Virginia
Roadway Engineer

Kimley»Horn

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No.	REVISIONS	DATE



LEGEND

1. EXIST. R/W
2. EXIST. DRAINAGE EASEMENT
3. R/W PROPOSED BY OTHERS

NOTES:

1. LINEWORK IN DARKER SHADING DEPICTS PROPOSED IMPROVEMENTS ALONG BENNS CHURCH BOULEVARD UNDER DESIGN BY OTHERS

NORTH

GRAPHIC SCALE IN FEET
0 12.5 25 50

No.	REVISIONS	DATE

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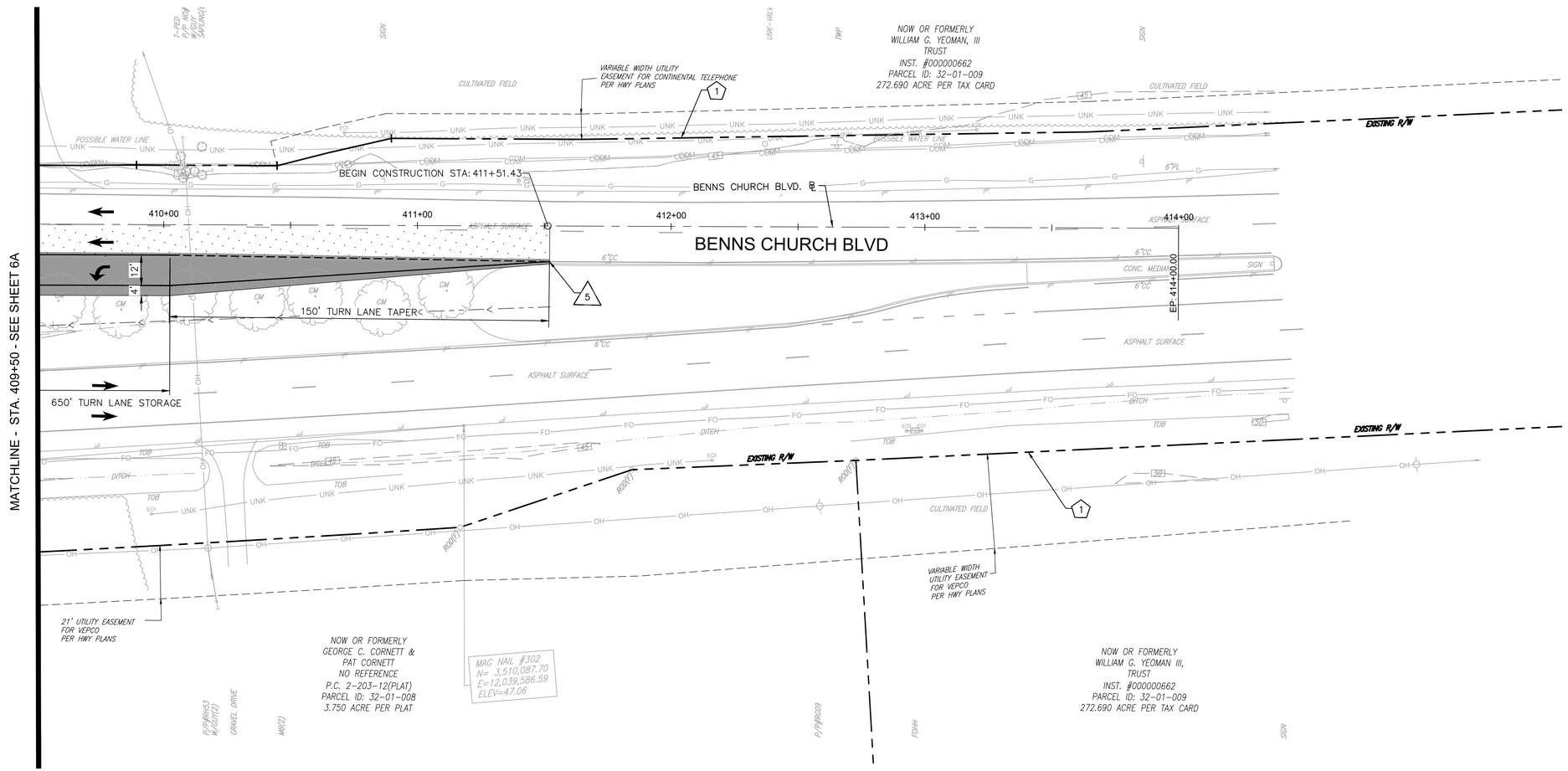
KHA PROJECT	117032044
DATE	05/04/2026
SCALE	AS SHOWN
DESIGNED BY	NVR
DRAWN BY	GMS
CHECKED BY	APF

EXISTING CONDITIONS - UPC 124999

TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT
PREPARED FOR
ISLE OF WIGHT COUNTY
VIRGINIA
SMITHFIELD

SHEET NUMBER
7

Plotted By: Sapna, Gina Sheet Set: Benns Drawn By: Gina Date/Time: 5/4/2026 8:49:55 AM File: C:\Users\gina.sapna\Kimley-Horn and Associates, Inc\Documents - Benns Church Blvd\Design\Exhibits\Existing Conditions.dwg
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LEGEND

1. EXIST. R/W
2. EXIST. DRAINAGE EASEMENT
3. PROP. R/W
4. TEMP. CONSTR. EASEMENT
5. PERM. DRAINAGE EASEMENT
6. FUTURE IMPROVEMENTS BY ADJACENT DEVELOPMENT
7. R/W PROPOSED BY OTHERS

1. VDOT STD. CG-12 TYPE B REQ'D. (6' WIDTH)
2. VDOT STD. CG-6 REQ'D.
3. VDOT STD. CG-2 REQ'D
4. VDOT STD. CG-3 REQ'D.
5. TIE TO EXIST. PAVEMENT
6. VDOT STD. MS-1 REQ'D.
7. RELOCATE EXISTING UTILITY POLE
8. REMOVE AND RELOCATE EXISTING SIGN
9. RELOCATE TRAFFIC SIGNAL EQUIPMENT
10. RELOCATE SIGNAL POLE AND MAST ARM (SEE SHEET 8 FOR TRAFFIC SIGNAL POLE ALTERNATIVES)
11. VDOT STD. CG-12 R11 REQ'D.
12. PROPOSED WET POND

- DENOTES PROP. FULL DEPTH ASPHALT PAVEMENT
- DENOTES PROP. VARIABLE MILL AND OVERLAY WITH SM-9.5A @220 LBS/SY
- DENOTES DETECTABLE WARNING SURFACE
- DENOTES PROP. CONCRETE SIDEWALK
- DENOTES PROP. CONCRETE TRUCK APRON
- DIRECTIONAL ARROW
- PROP. DITCH

NOTES:

1. LINEWORK IN DARKER SHADING DEPICTS PROPOSED IMPROVEMENTS ALONG BENNS CHURCH BOULEVARD UNDER DESIGN BY OTHERS

NORTH

GRAPHIC SCALE IN FEET
0 12.5 25 50

No.	REVISIONS	DATE

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Kimley-Horn and Associates, Inc.
Virginia Beach, Virginia
Roadway Engineer

KHA PROJECT	117032044
DATE	05/04/2026
SCALE	AS SHOWN
DESIGNED BY	NVR
DRAWN BY	CMS
CHECKED BY	APF

ROADWAY PLANS - UPC 124999

TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT

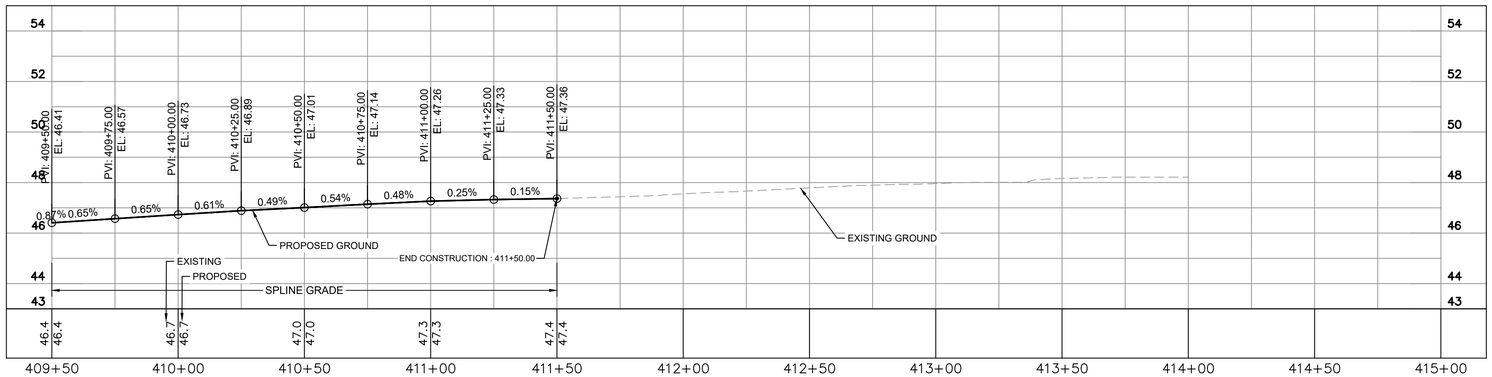
PREPARED FOR

ISLE OF WIGHT COUNTY VIRGINIA

SMITHFIELD

SHEET NUMBER
7A

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BENNS CHURCH BLVD. BL

STA: 409+50.00 TO STA: 415+00.00

GRAPHIC SCALE IN FEET
0 12.5 25 50
HORIZONTAL

0 1.25 2.5 5
VERTICAL

No.	REVISIONS	DATE

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Virginia Beach, Virginia
Roadway Engineer

KHA PROJECT	117032044
DATE	05/04/2026
SCALE	AS SHOWN
DESIGNED BY	NVR
DRAWN BY	GMS
CHECKED BY	APF

ROADWAY PROFILES

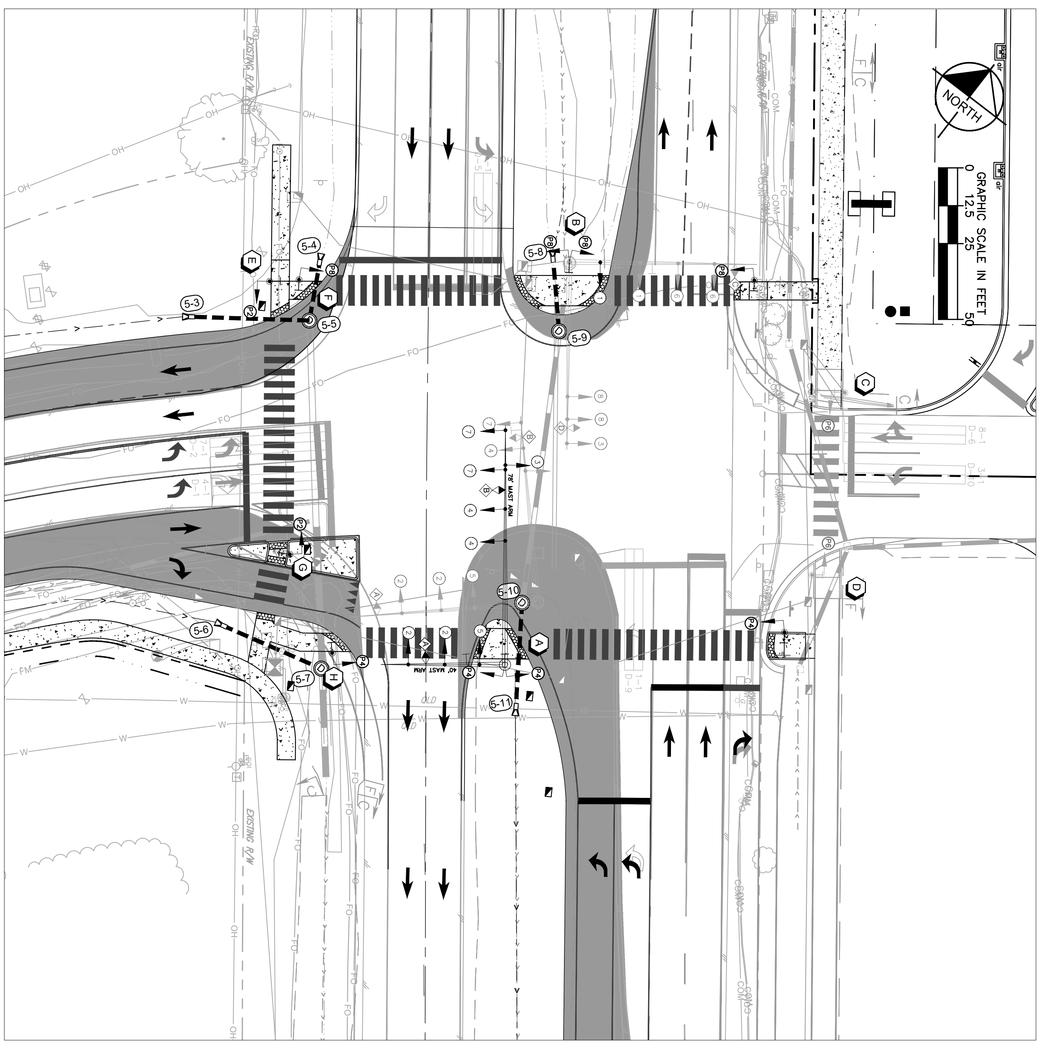
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PREPARED FOR
ISLE OF WIGHT COUNTY VIRGINIA
SMITHFIELD

SHEET NUMBER
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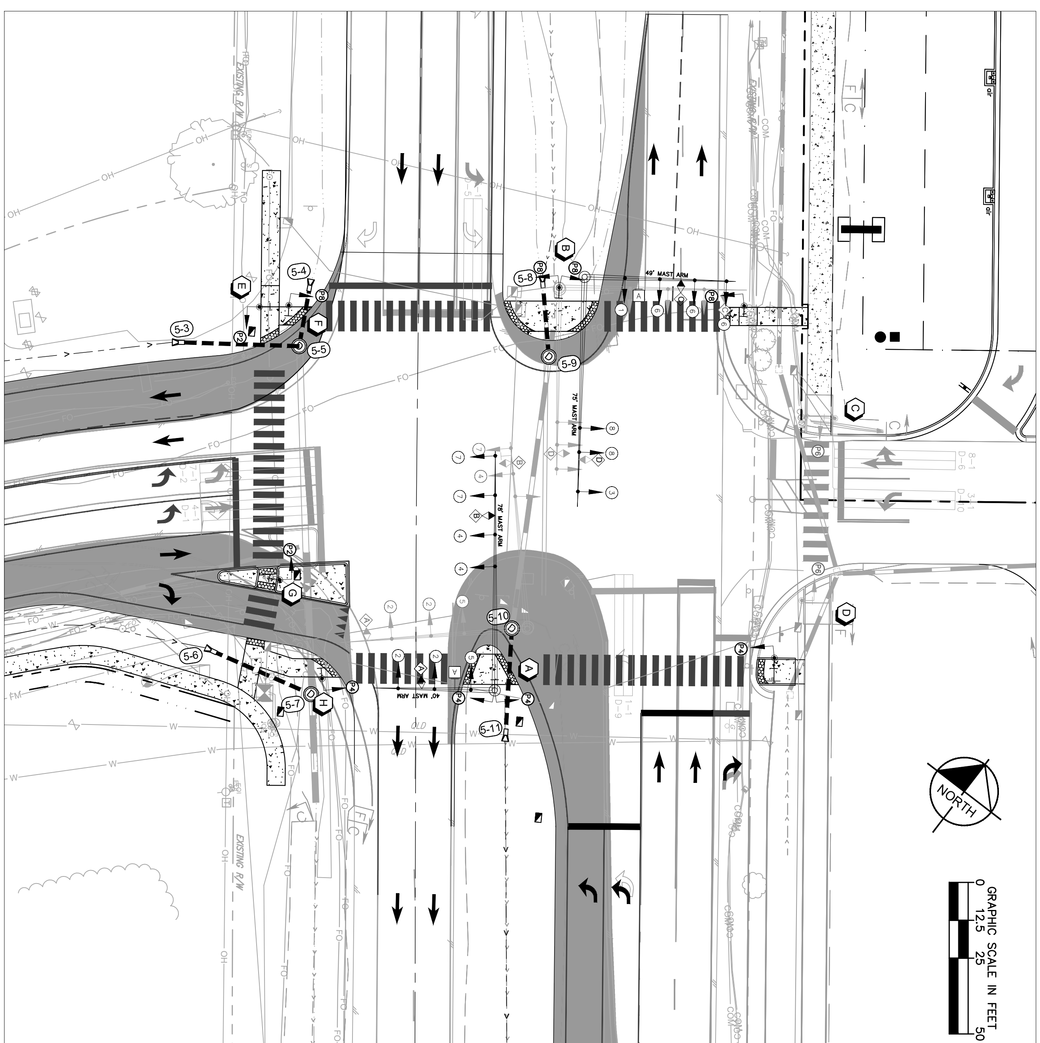
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TRAFFIC SIGNAL POLE LOCATIONS – ALTERNATIVE A



TRAFFIC SIGNAL POLE LOCATIONS – ALTERNATIVE B



SHEET NUMBER 8

TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT
PREPARED FOR
ISLE OF WIGHT COUNTY
SMITHFIELD VIRGINIA

TRAFFIC SIGNAL POLE ALTERNATIVES - UPC 124999

KHA PROJECT	117032044
DATE	05/04/2026
SCALE	AS SHOWN
DESIGNED BY	NVR
DRAWN BY	GMS
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Roadway Engineer

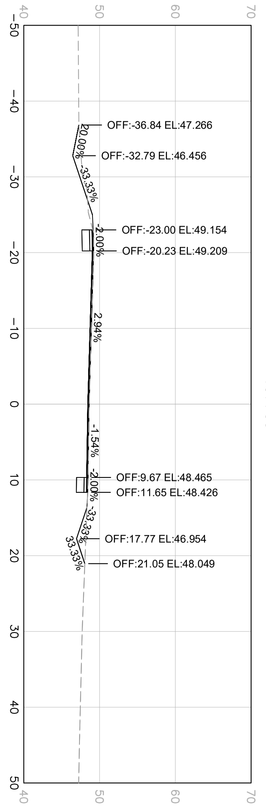
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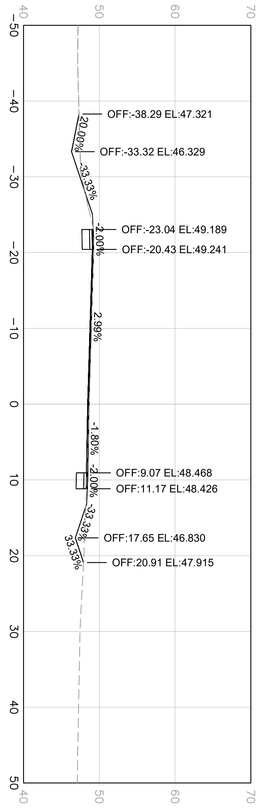
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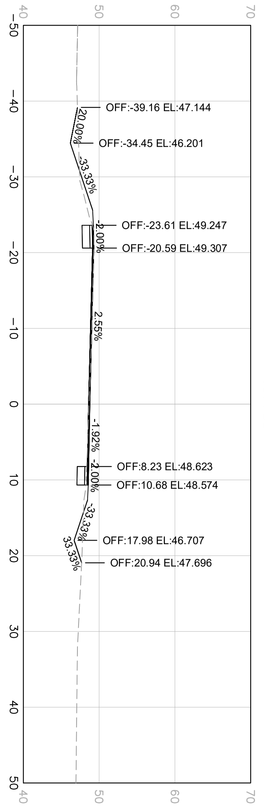
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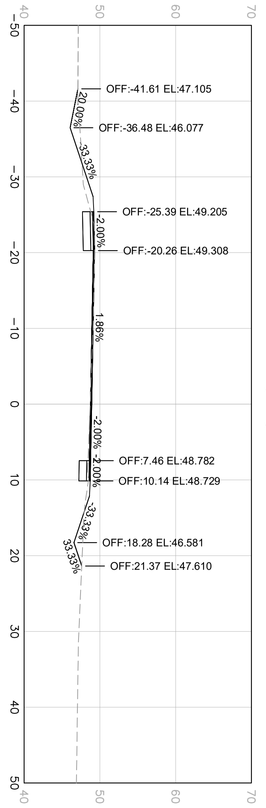
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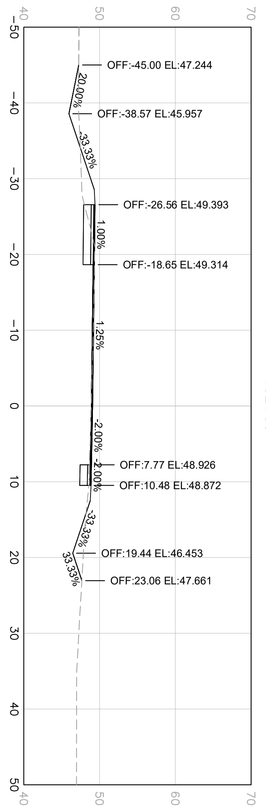
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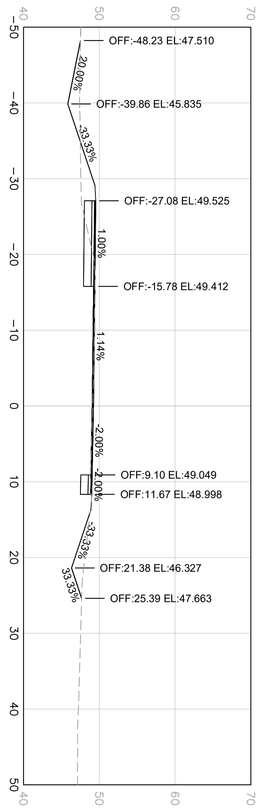


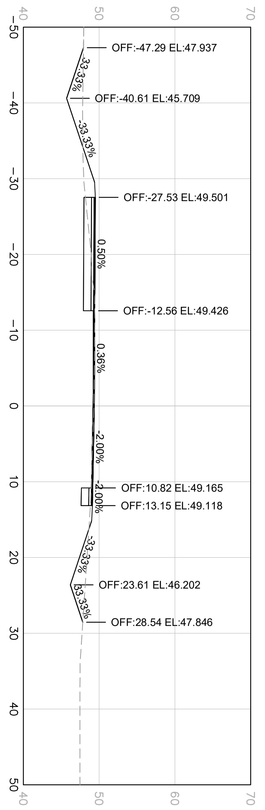


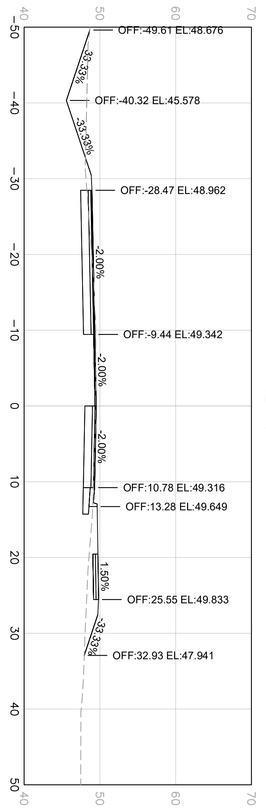


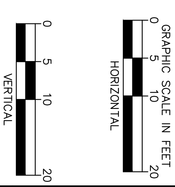












SHEET NUMBER
XS-1

TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT
PREPARED FOR
ISLE OF WIGHT COUNTY
SMITHFIELD VIRGINIA

TURNER DRIVE CROSS SECTIONS

KHA PROJECT 117032044
DATE 05/04/2026
SCALE AS SHOWN
DESIGNED BY NVR
DRAWN BY GMS
CHECKED BY APF

Kimley-Horn and Associates, Inc.
Virginia Beach, Virginia
Roadway Engineer

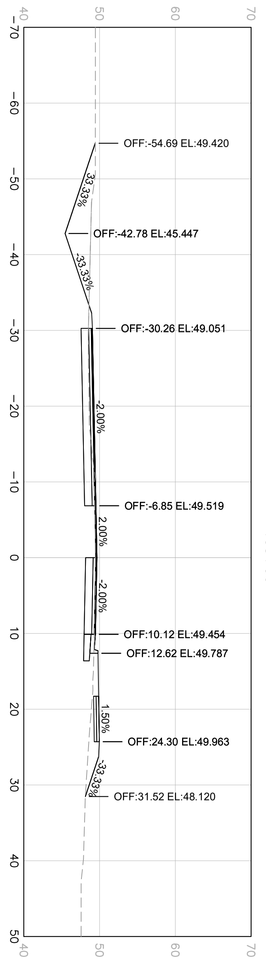
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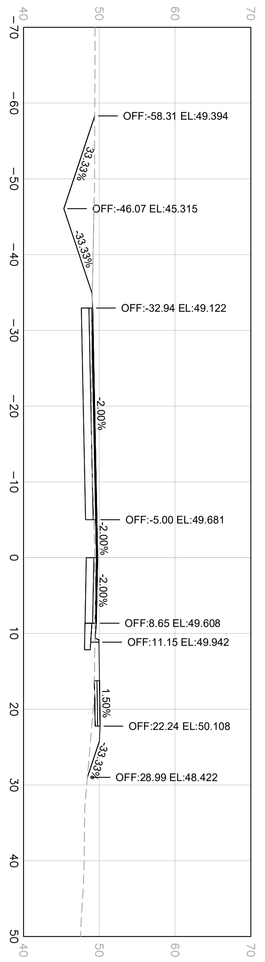
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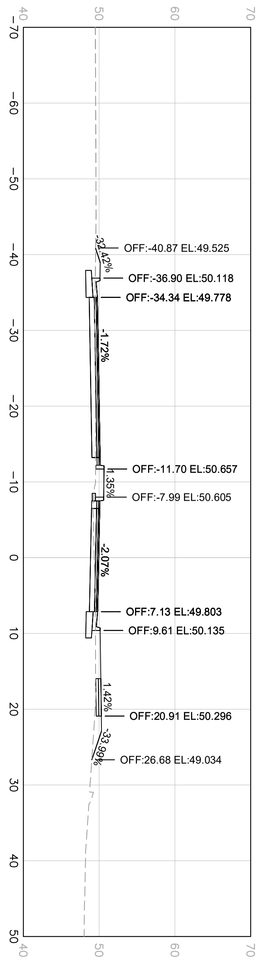
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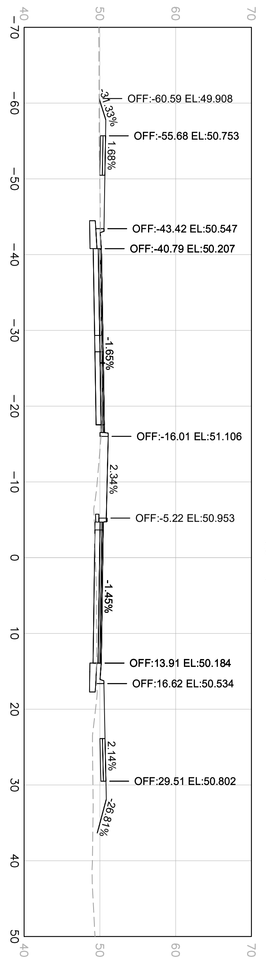
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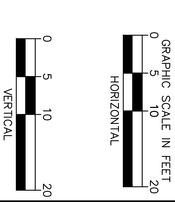
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SHEET NUMBER
XS-2

TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT
PREPARED FOR
ISLE OF WIGHT COUNTY
SMITHFIELD VIRGINIA

TURNER DRIVE CROSS SECTIONS

KHA PROJECT 117032044
DATE 05/04/2026
SCALE AS SHOWN
DESIGNED BY NVR
DRAWN BY GMS
CHECKED BY APF

Kimley-Horn and Associates, Inc.
Virginia Beach, Virginia
Roadway Engineer

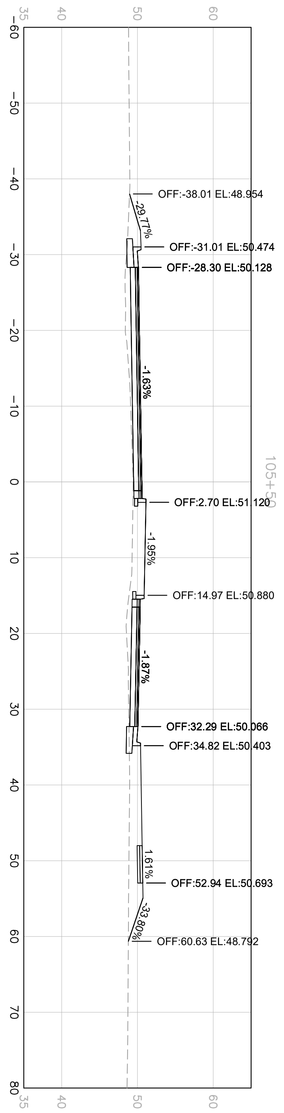
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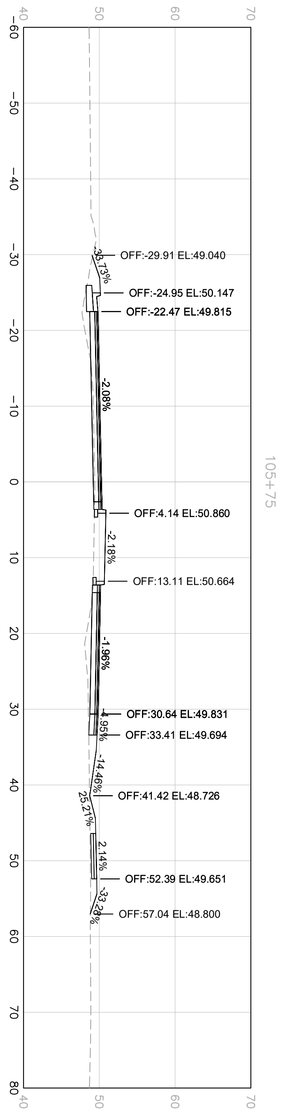
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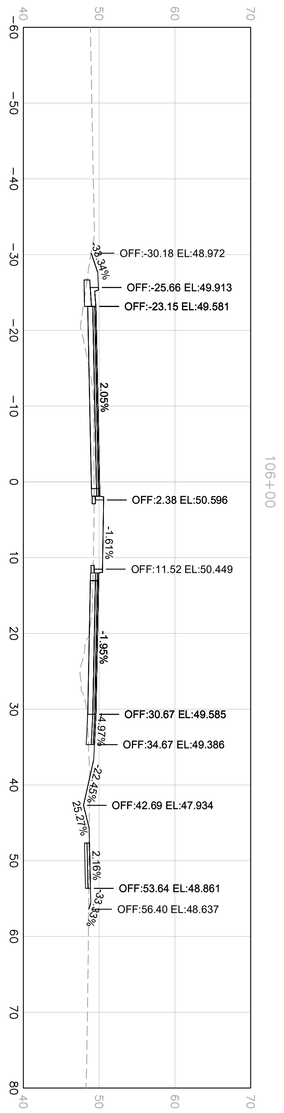
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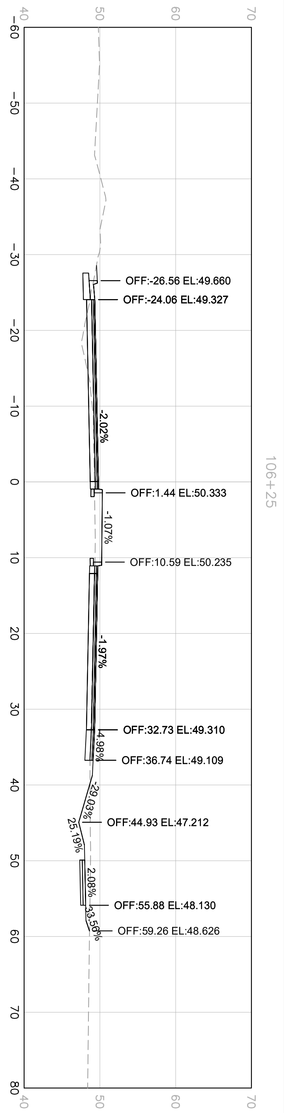
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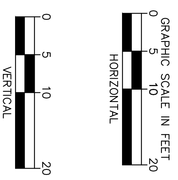
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SHEET NUMBER
XS-3

TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT
PREPARED FOR
ISLE OF WIGHT COUNTY
SMITHFIELD VIRGINIA

TURNER DRIVE CROSS SECTIONS

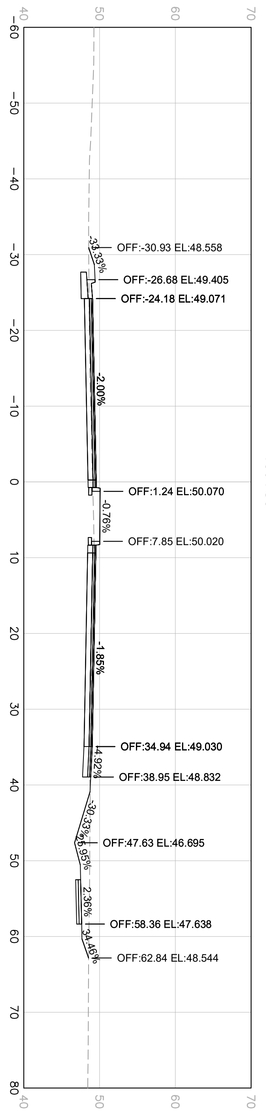
KHA PROJECT 117032044
DATE 05/04/2026
SCALE AS SHOWN
DESIGNED BY NVR
DRAWN BY GMS
CHECKED BY APF

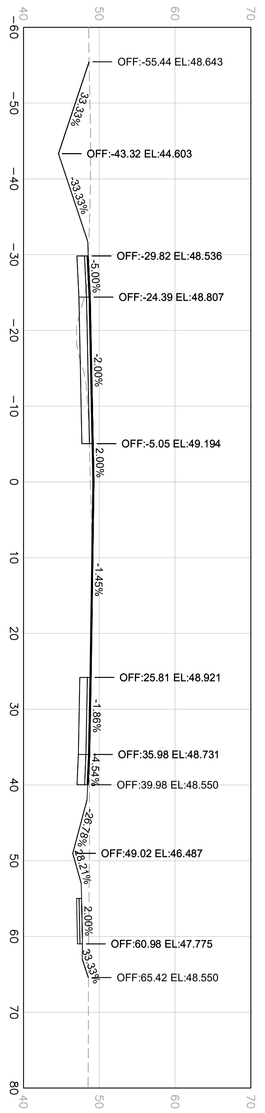
Kimley-Horn and Associates, Inc.
Virginia Beach, Virginia
Roadway Engineer

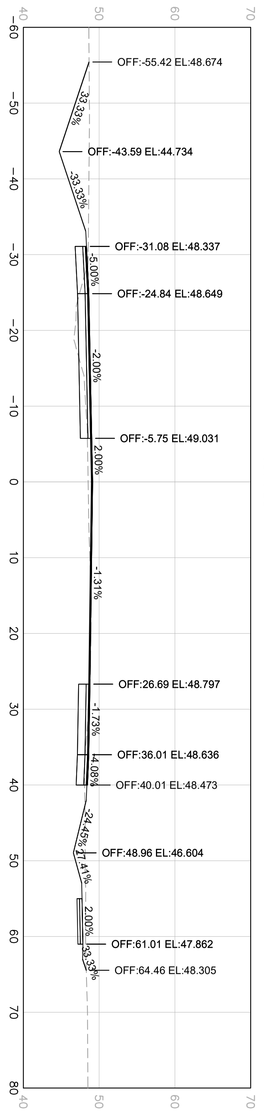
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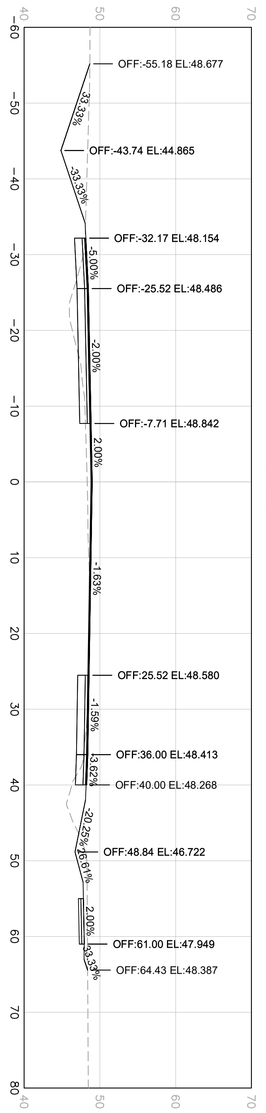
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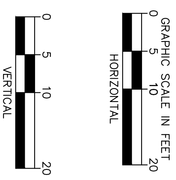
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XS-4

SHEET NUMBER

TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT

PREPARED FOR

ISLE OF WIGHT COUNTY

SMITHFIELD VIRGINIA

TURNER DRIVE CROSS SECTIONS

KHA PROJECT 117032044

DATE 05/04/2026

SCALE AS SHOWN

DESIGNED BY NVR

DRAWN BY GMS

CHECKED BY APF

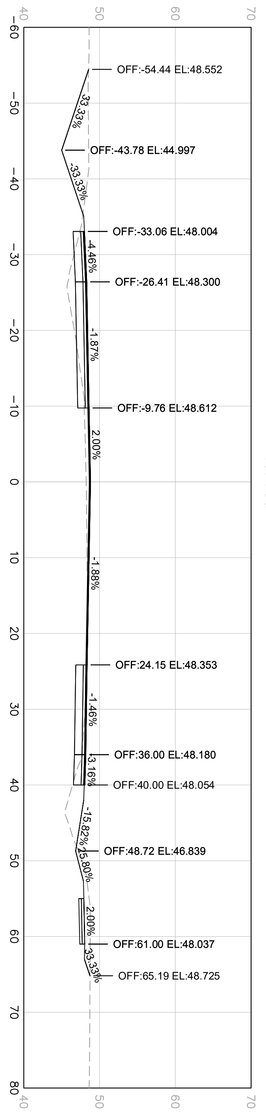
Kimley»Horn and Associates, Inc.
Virginia Beach, Virginia
Roadway Engineer

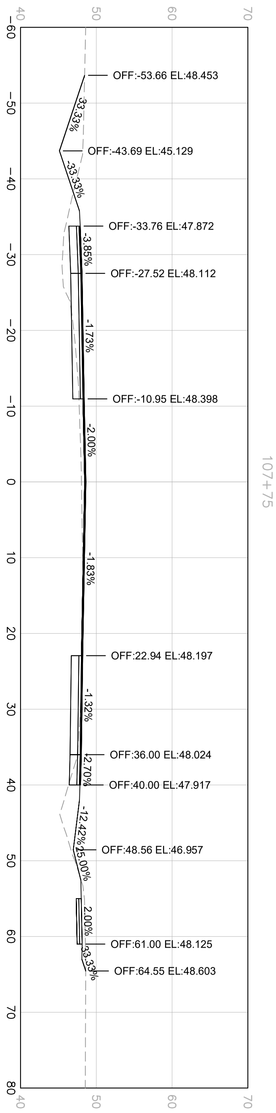
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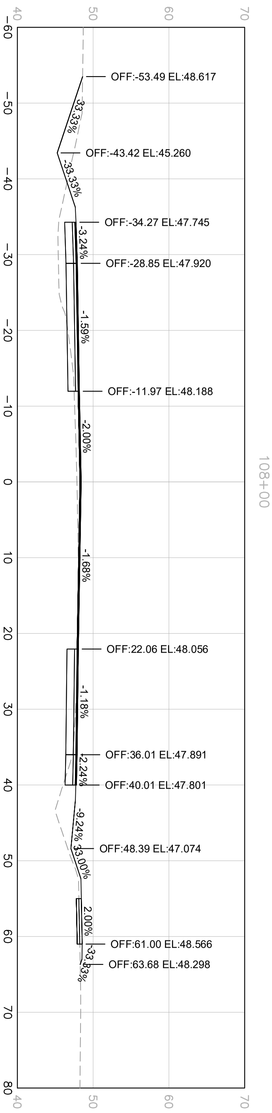
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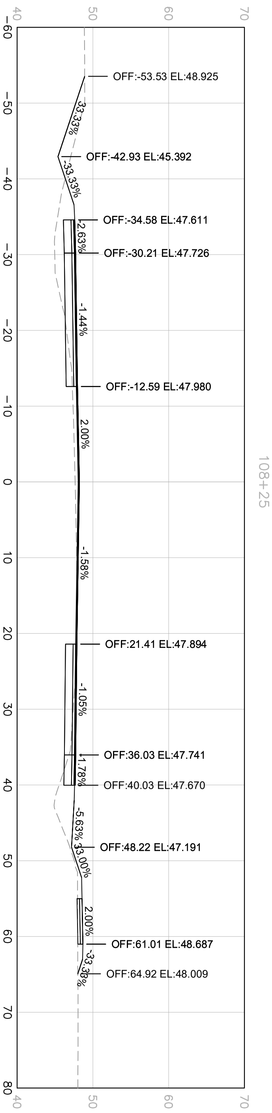
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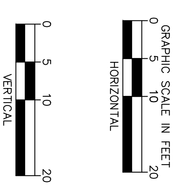
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SHEET NUMBER
XS-5

TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT
PREPARED FOR
ISLE OF WIGHT COUNTY
SMITHFIELD VIRGINIA

TURNER DRIVE CROSS SECTIONS

KHA PROJECT 117032044
DATE 05/04/2026
SCALE AS SHOWN
DESIGNED BY NVR
DRAWN BY GMS
CHECKED BY APF

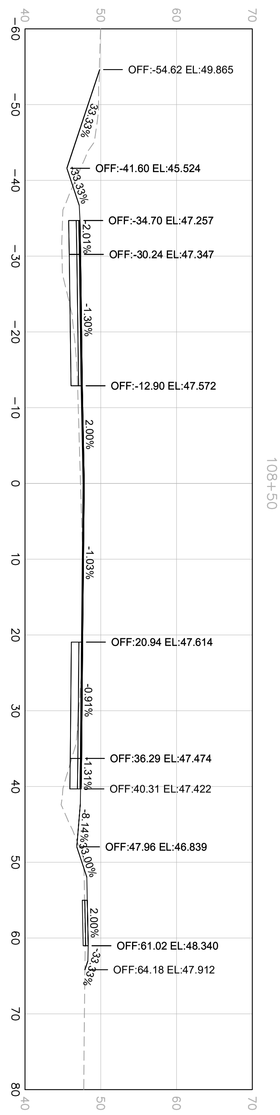
Kimley-Horn and Associates, Inc.
Virginia Beach, Virginia
Roadway Engineer

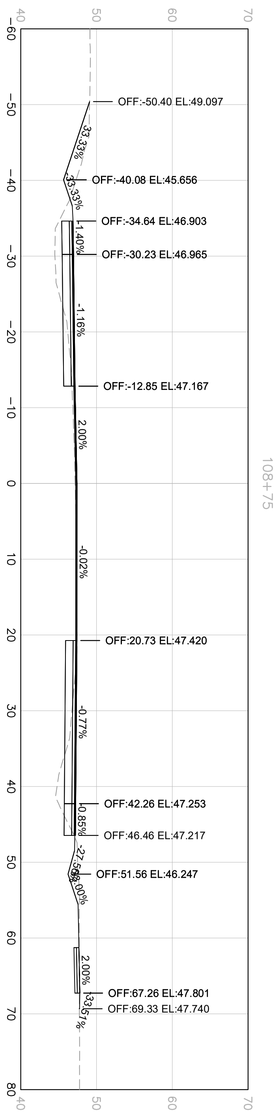
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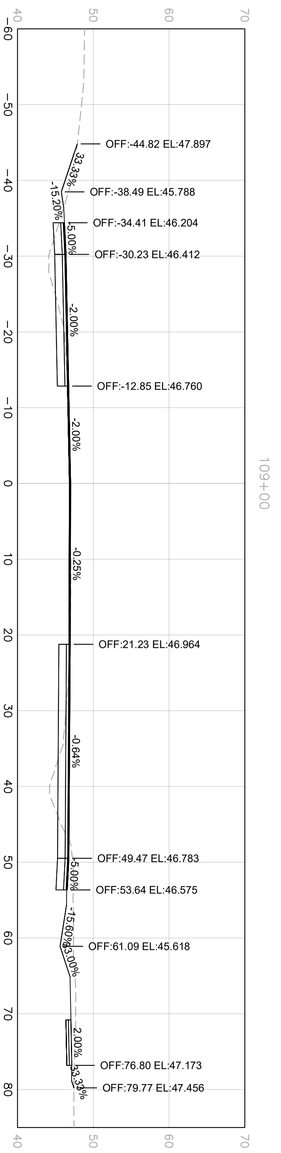
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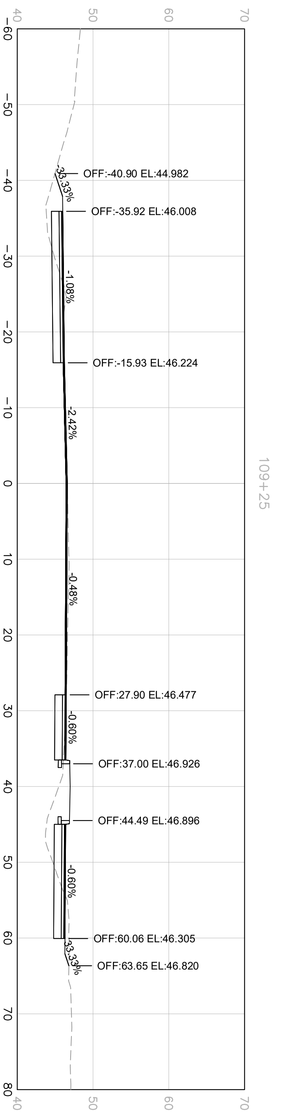
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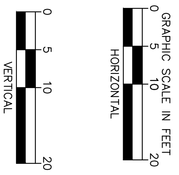
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XS-6
SHEET NUMBER

TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT
PREPARED FOR
ISLE OF WIGHT COUNTY
SMITHFIELD VIRGINIA

TURNER DRIVE CROSS SECTIONS

KHA PROJECT 117032044
DATE 05/04/2026
SCALE AS SHOWN
DESIGNED BY NVR
DRAWN BY GMS
CHECKED BY APF

Kimley-Horn and Associates, Inc.
Virginia Beach, Virginia
Roadway Engineer

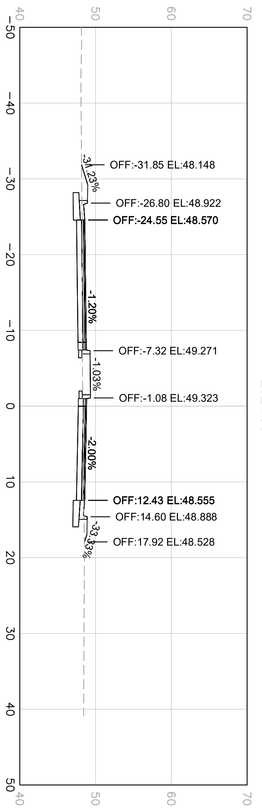
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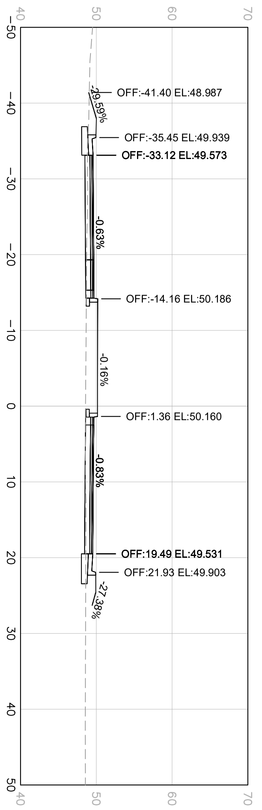
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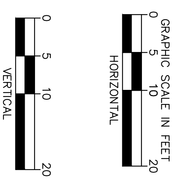
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SHEET NUMBER XS-7

TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT
PREPARED FOR
ISLE OF WIGHT COUNTY
SMITHFIELD VIRGINIA

LOCAL ROAD A CROSS SECTIONS

KHA PROJECT 117032044
DATE 05/04/2026
SCALE AS SHOWN
DESIGNED BY NVR
DRAWN BY GMS
CHECKED BY APF

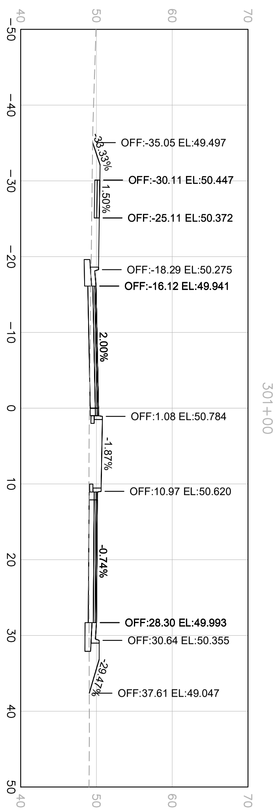
Kimley-Horn and Associates, Inc.
Virginia Beach, Virginia
Roadway Engineer

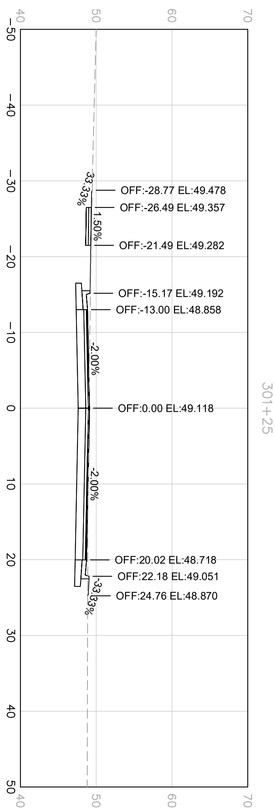
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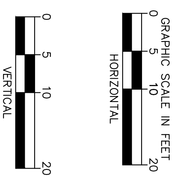
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SHEET NUMBER
XS-8

TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT
PREPARED FOR
ISLE OF WIGHT COUNTY
SMITHFIELD VIRGINIA

LOCAL ROAD B CROSS SECTIONS

KHA PROJECT 117032044
DATE 05/04/2026
SCALE AS SHOWN
DESIGNED BY NVR
DRAWN BY GMS
CHECKED BY APF

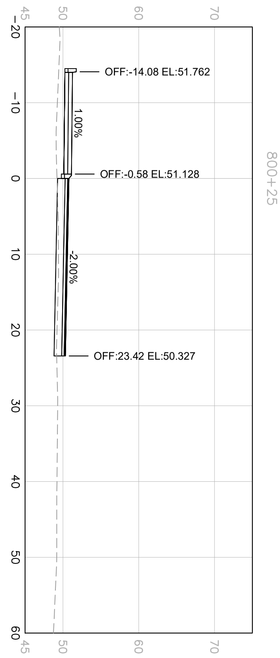
Kimley-Horn and Associates, Inc.
Virginia Beach, Virginia
Roadway Engineer

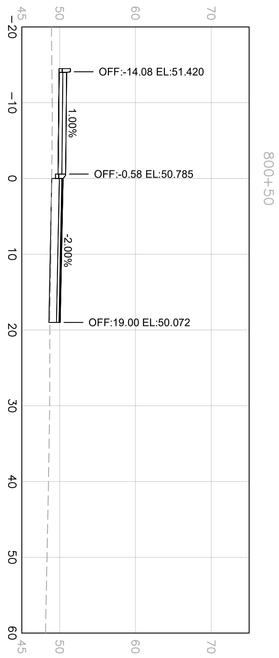
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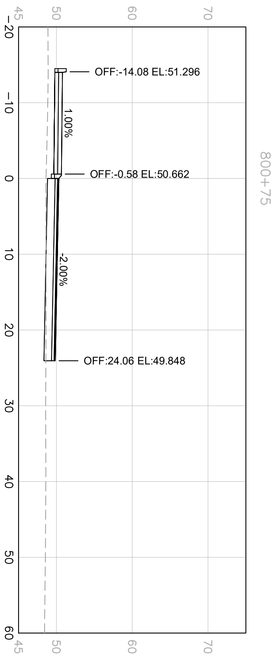
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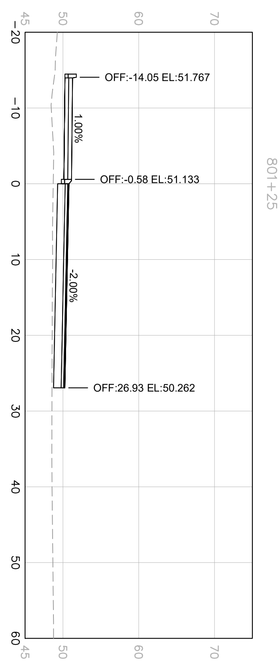
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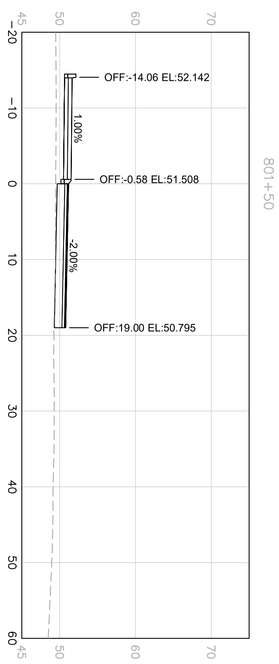


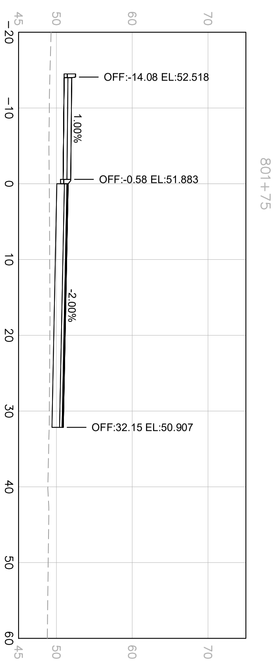


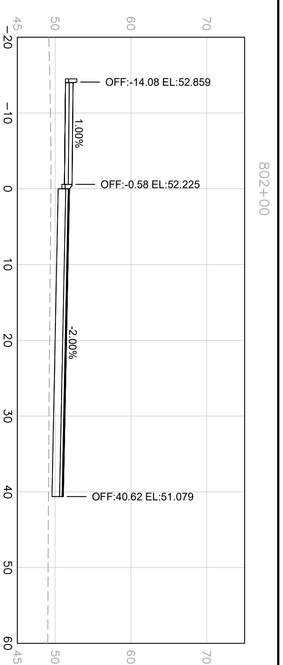


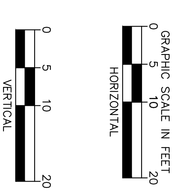












SHEET NUMBER XS-9

TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT
PREPARED FOR
ISLE OF WIGHT COUNTY
SMITHFIELD VIRGINIA

CIRCULATORY ROADWAY CROSS SECTIONS

KHA PROJECT 117032044
DATE 05/04/2026
SCALE AS SHOWN
DESIGNED BY NVR
DRAWN BY GMS
CHECKED BY APF

Kimley-Horn and Associates, Inc.
Virginia Beach, Virginia
Roadway Engineer

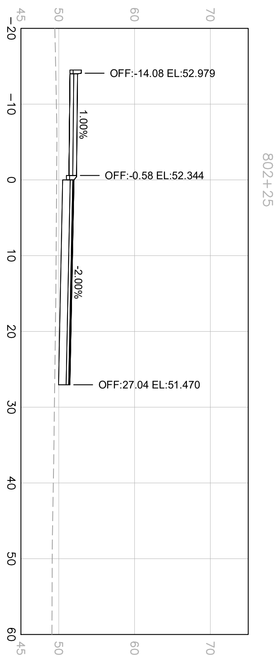
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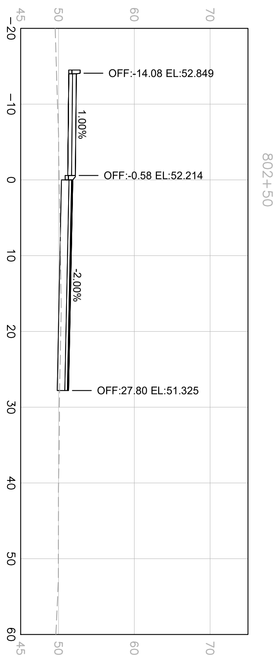
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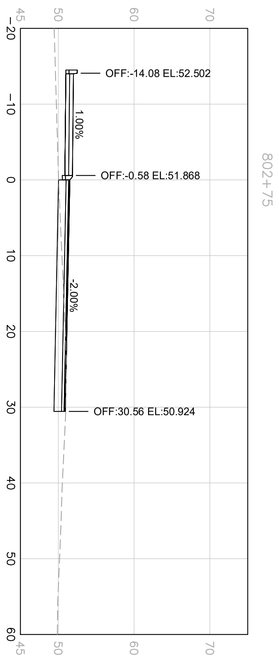
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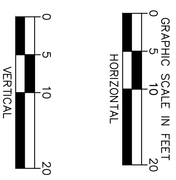
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SHEET NUMBER
XS-10

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SMITHFIELD VIRGINIA

CIRCULATORY ROADWAY CROSS SECTIONS

KHA PROJECT 117032044
DATE 05/04/2026
SCALE AS SHOWN
DESIGNED BY NVR
DRAWN BY GMS
CHECKED BY APF

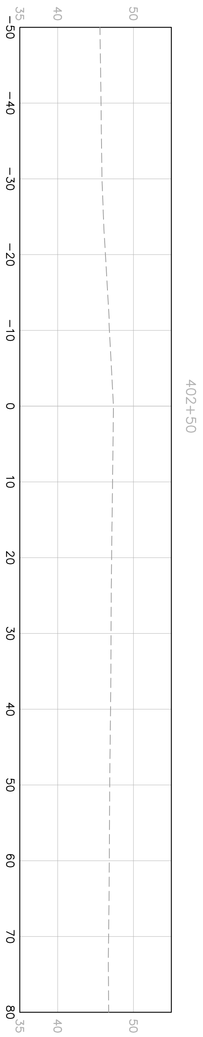
Kimley-Horn and Associates, Inc.
Virginia Beach, Virginia
Roadway Engineer

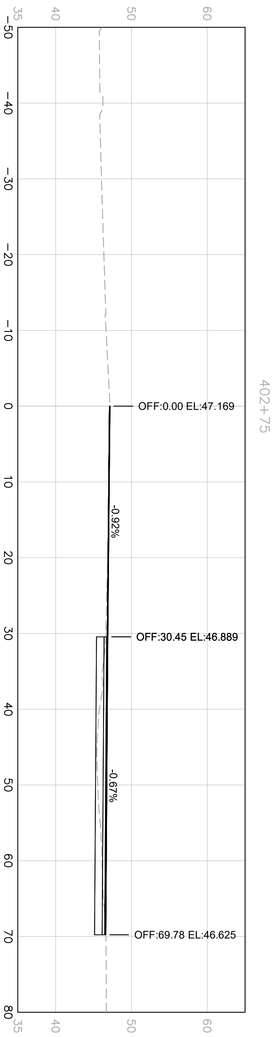
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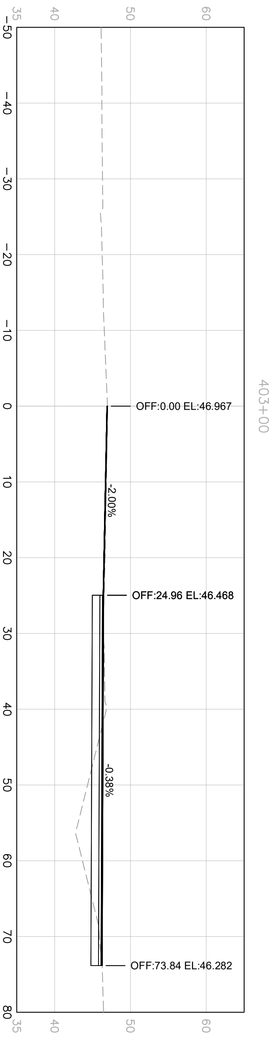
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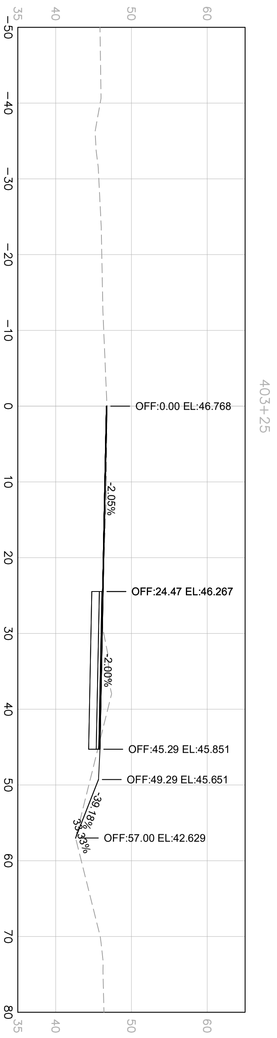
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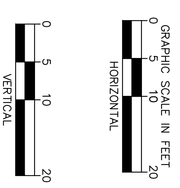
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SMITHFIELD VIRGINIA

BENNS CHURCH CROSS SECTIONS

KHA PROJECT 117032044
DATE 05/04/2026
SCALE AS SHOWN
DESIGNED BY NVR
DRAWN BY GMS
CHECKED BY APF

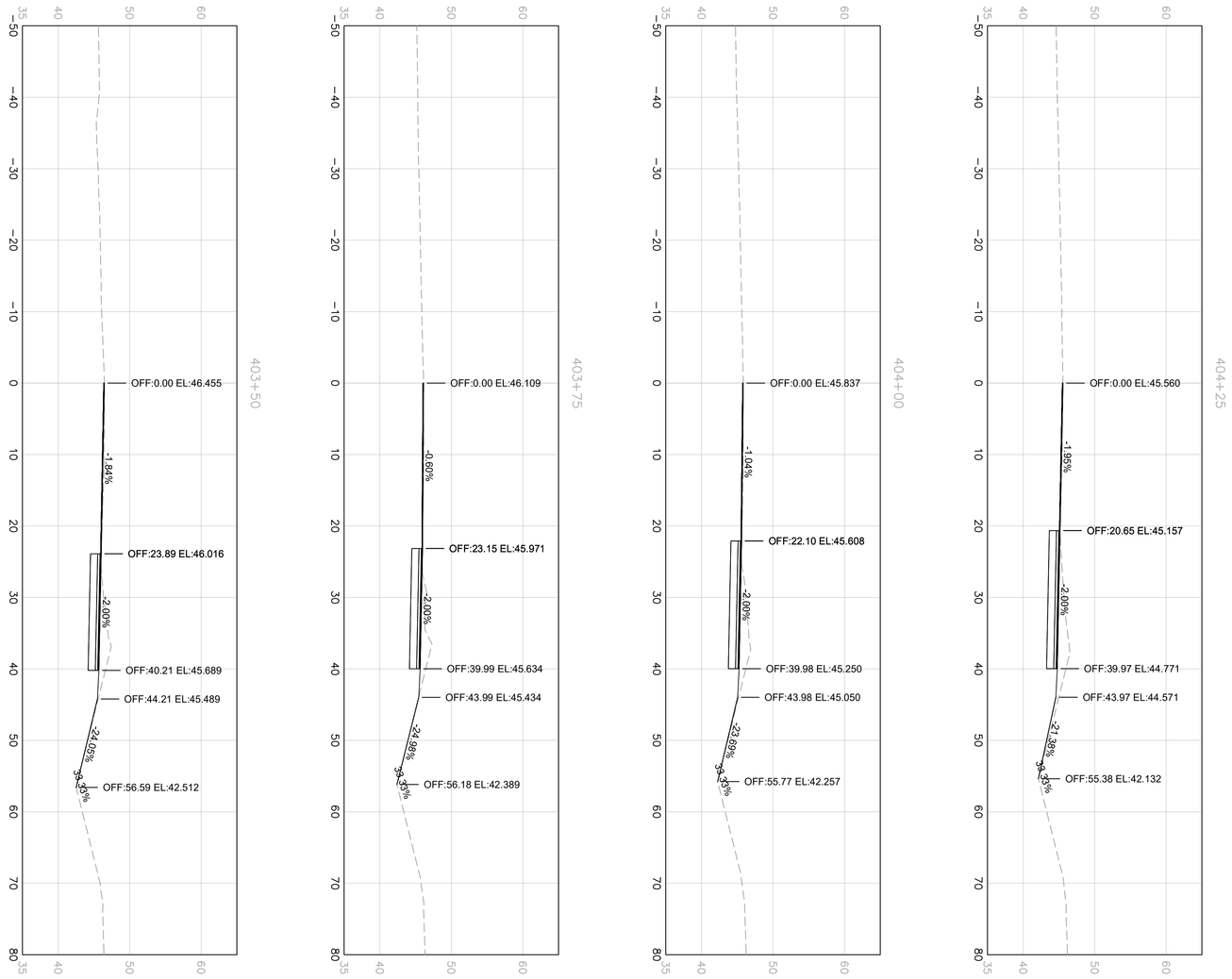
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GRAPHIC SCALE IN FEET
HORIZONTAL 0 5 10 20
VERTICAL 0 5 10 20

SHEET NUMBER XS-12

TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT
PREPARED FOR
ISLE OF WIGHT COUNTY
SMITHFIELD VIRGINIA

BENNS CHURCH CROSS SECTIONS

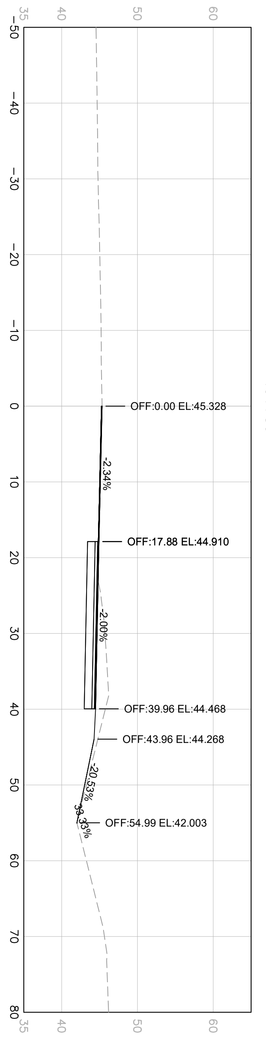
KHA PROJECT 117032044
DATE 05/04/2026
SCALE AS SHOWN
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DRAWN BY GMS
CHECKED BY APF

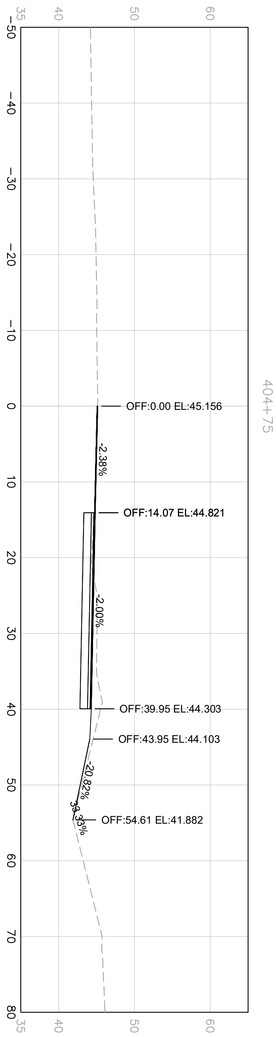
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Virginia Beach, Virginia
Roadway Engineer

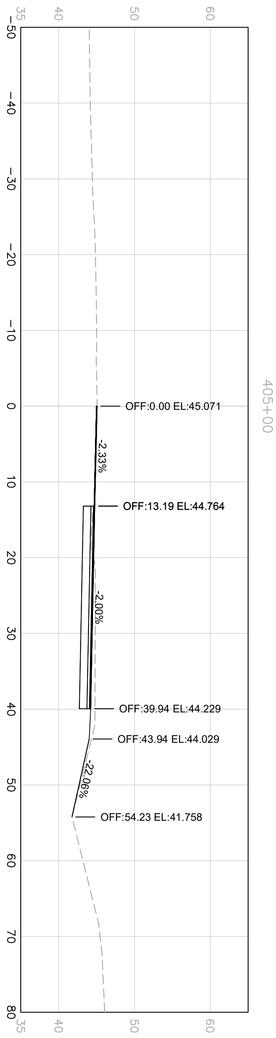
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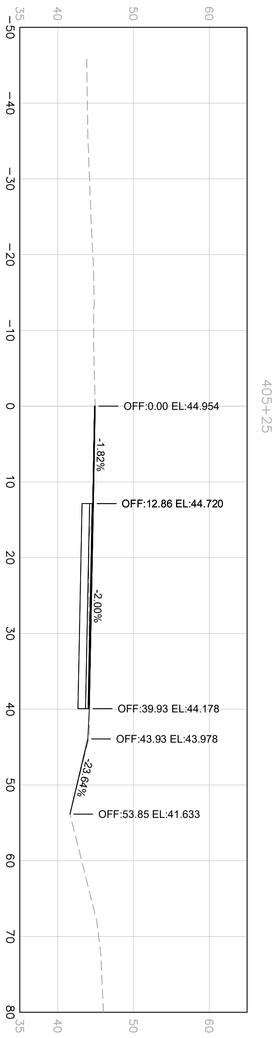
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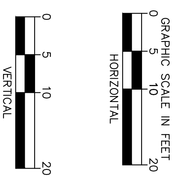
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SHEET NUMBER
XS-13

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PREPARED FOR
ISLE OF WIGHT COUNTY
SMITHFIELD VIRGINIA

BENNS CHURCH CROSS SECTIONS

KHA PROJECT 117032044
DATE 05/04/2026
SCALE AS SHOWN
DESIGNED BY NVR
DRAWN BY GMS
CHECKED BY APF

Kimley-Horn and Associates, Inc.
Virginia Beach, Virginia
Roadway Engineer

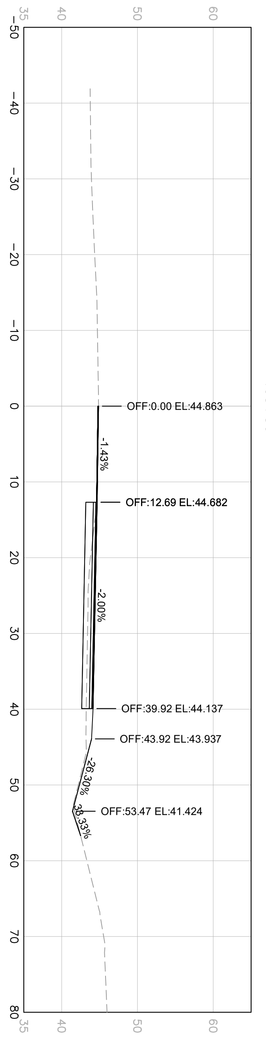
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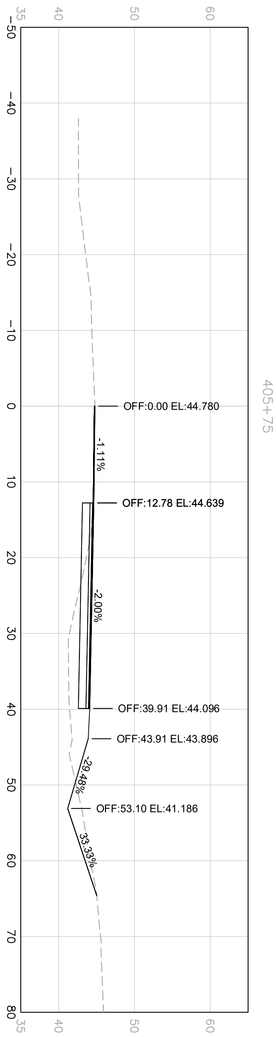
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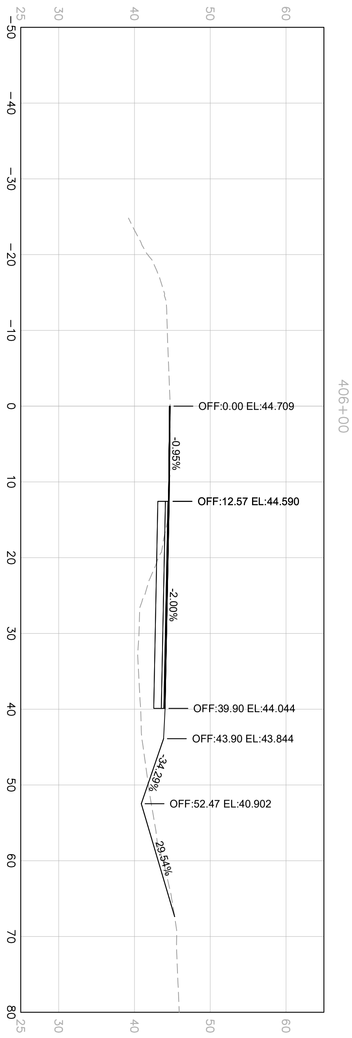
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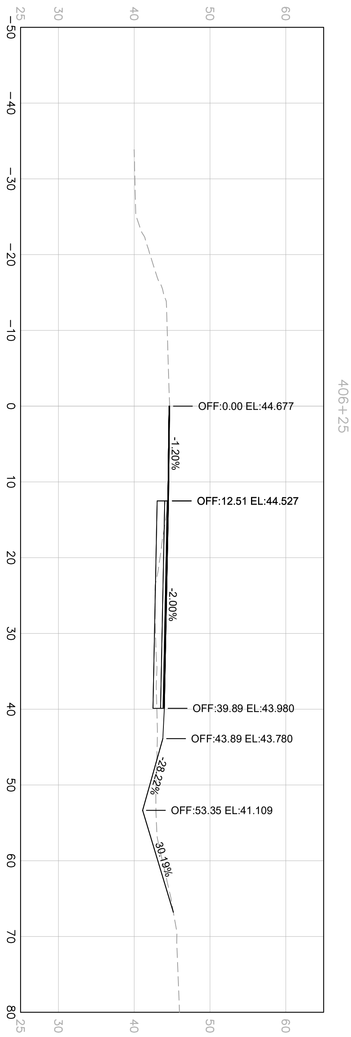
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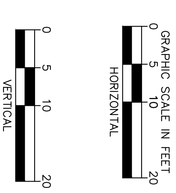
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SMITHFIELD VIRGINIA

BENNS CHURCH CROSS SECTIONS

KHA PROJECT 117032044
DATE 05/04/2026
SCALE AS SHOWN
DESIGNED BY NVR
DRAWN BY GMS
CHECKED BY APF

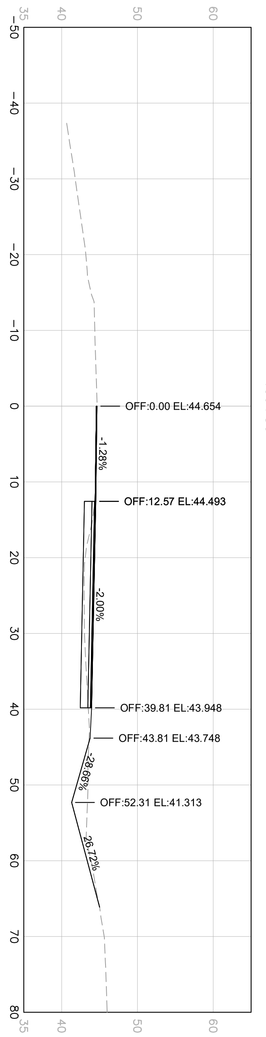
Kimley-Horn and Associates, Inc.
Virginia Beach, Virginia
Roadway Engineer

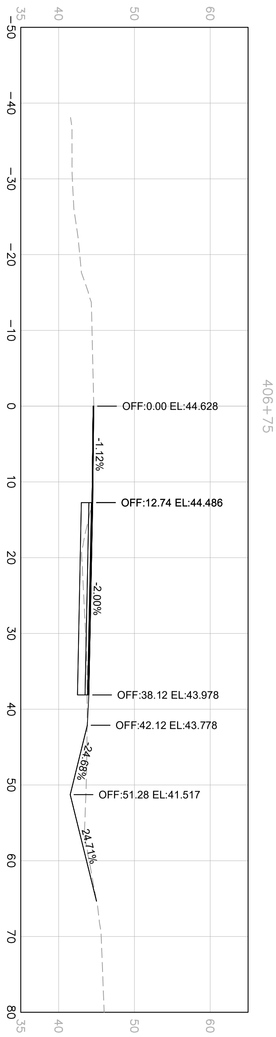
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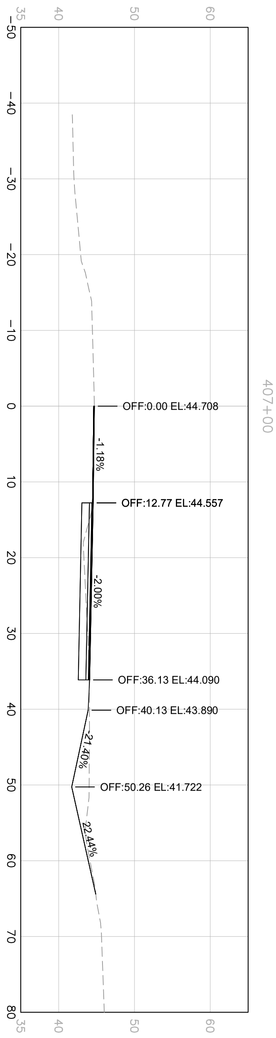
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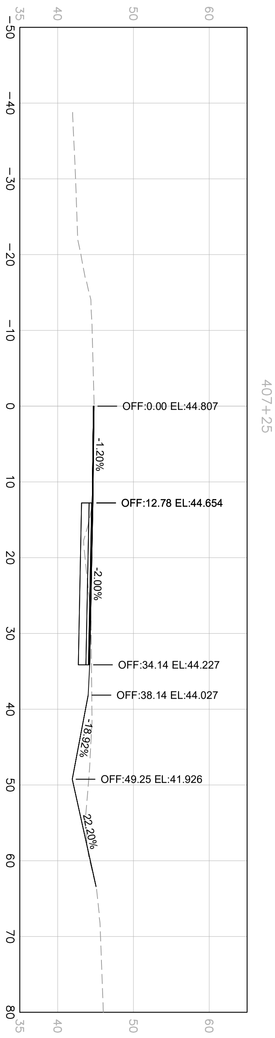
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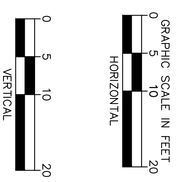
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SHEET NUMBER
XS-15

TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT
PREPARED FOR
ISLE OF WIGHT COUNTY
SMITHFIELD VIRGINIA

BENNS CHURCH CROSS SECTIONS

KHA PROJECT 117032044
DATE 05/04/2026
SCALE AS SHOWN
DESIGNED BY NVR
DRAWN BY GMS
CHECKED BY APF

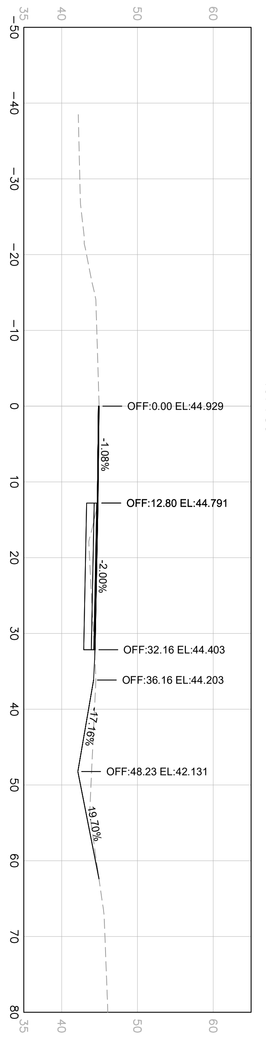
Kimley-Horn and Associates, Inc.
Virginia Beach, Virginia
Roadway Engineer

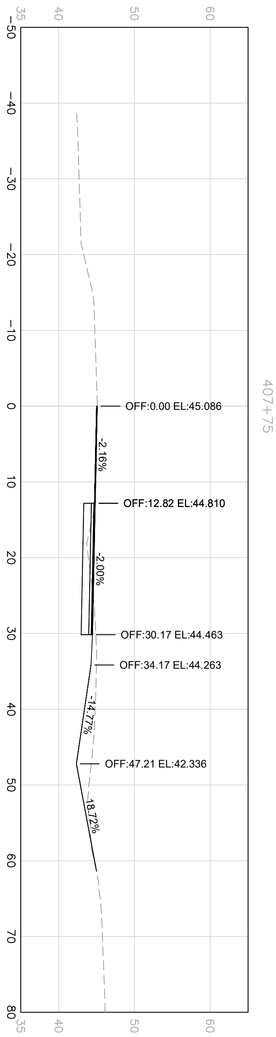
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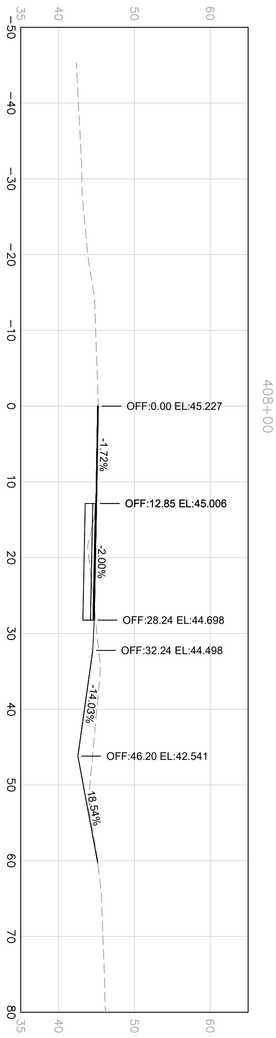
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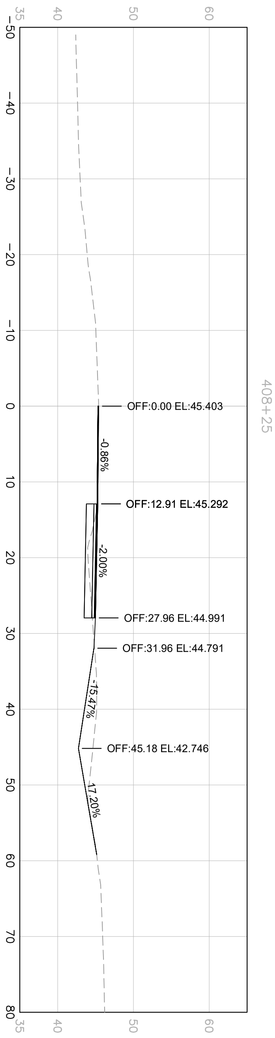
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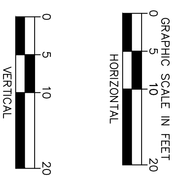
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SHEET NUMBER
XS-16

TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT
PREPARED FOR
ISLE OF WIGHT COUNTY
SMITHFIELD VIRGINIA

BENNS CHURCH CROSS SECTIONS

KHA PROJECT 117032044
DATE 05/04/2026
SCALE AS SHOWN
DESIGNED BY NVR
DRAWN BY GMS
CHECKED BY APF

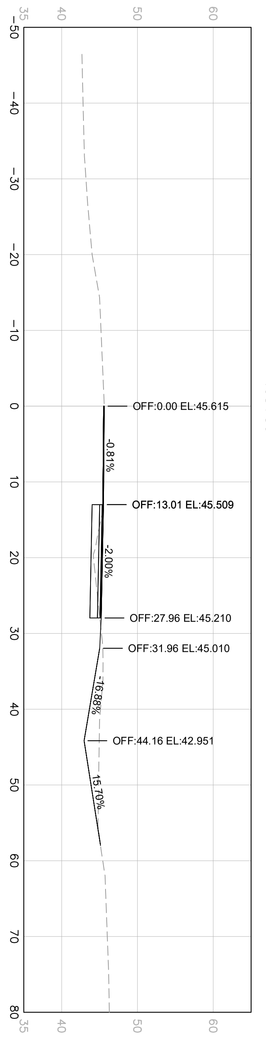
Kimley-Horn and Associates, Inc.
Virginia Beach, Virginia
Roadway Engineer

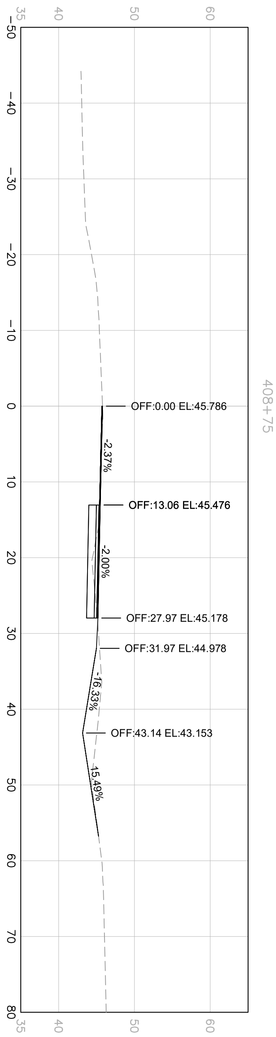
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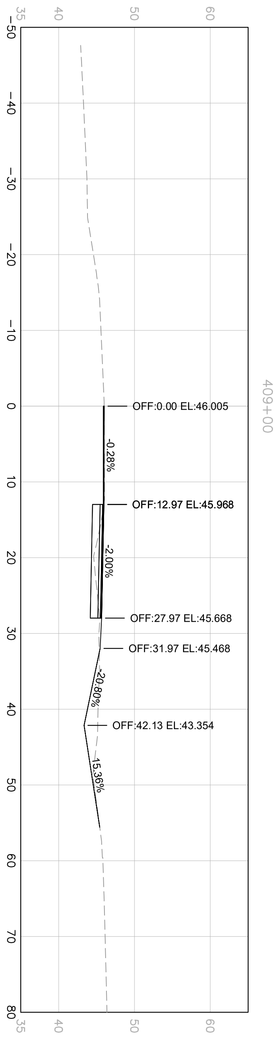
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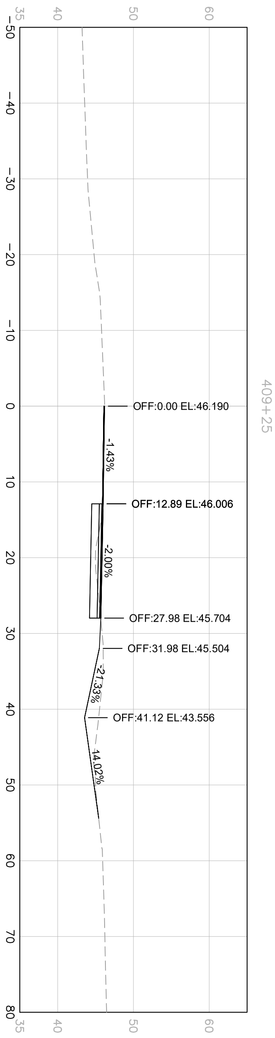
No.	REVISIONS	DATE

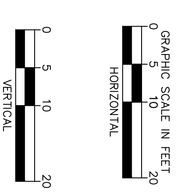
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XS-17
SHEET NUMBER

TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT
PREPARED FOR
ISLE OF WIGHT COUNTY
SMITHFIELD VIRGINIA

BENNS CHURCH CROSS SECTIONS

KHA PROJECT 117032044
DATE 05/04/2026
SCALE AS SHOWN
DESIGNED BY NVR
DRAWN BY GMS
CHECKED BY APF

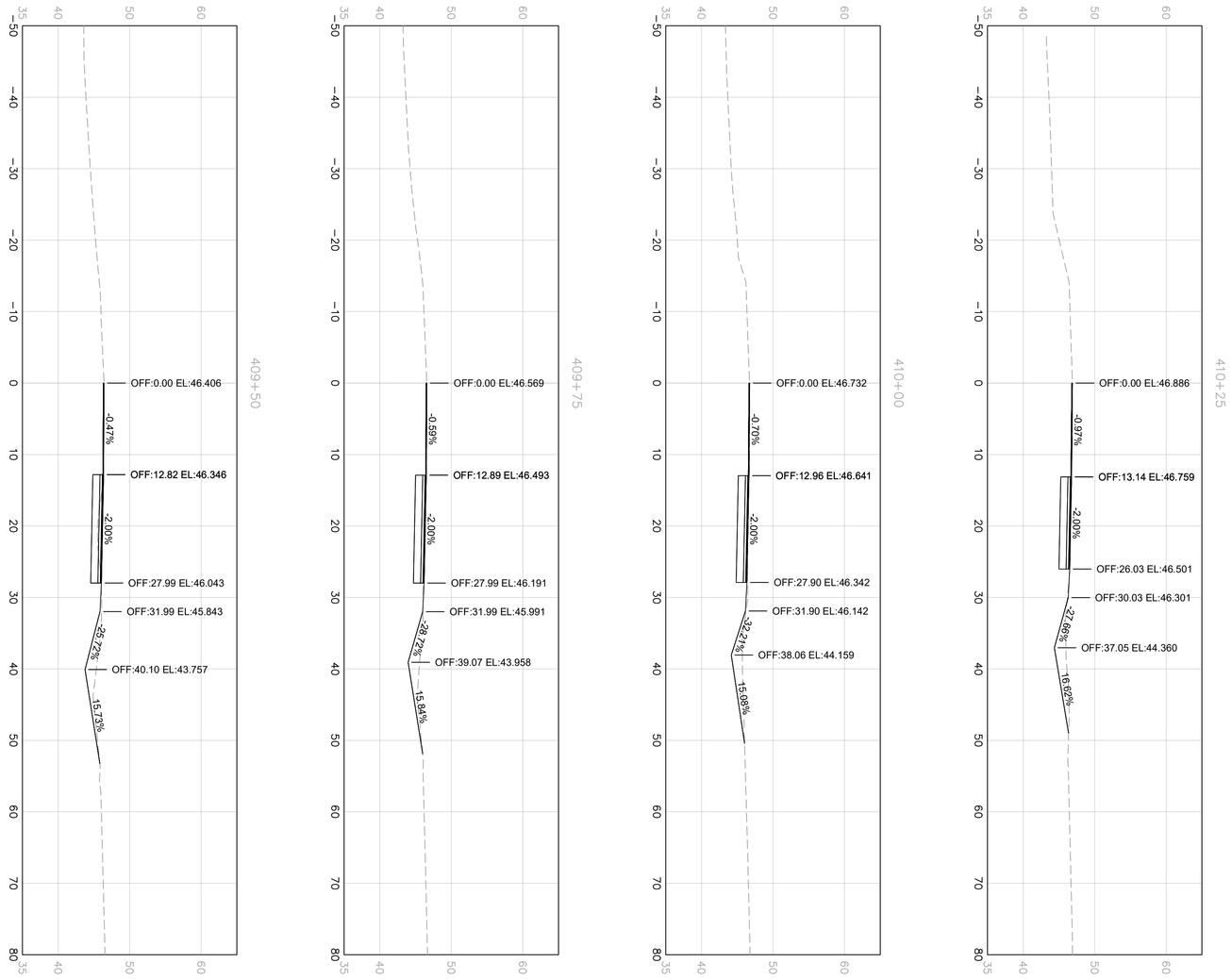
Kimley-Horn and Associates, Inc.
Virginia Beach, Virginia
Roadway Engineer

Kimley»Horn

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PHONE: 757-213-8600
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GRAPHIC SCALE IN FEET
HORIZONTAL: 0 5 10 20
VERTICAL: 0 5 10 20

SHEET NUMBER XS-18

TURNER DRIVE & BENNS CHURCH BOULEVARD IMPROVEMENTS PROJECT
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BENNS CHURCH CROSS SECTIONS

KHA PROJECT 117032044
DATE 05/04/2026
SCALE AS SHOWN
DESIGNED BY NVR
DRAWN BY GMS
CHECKED BY APF

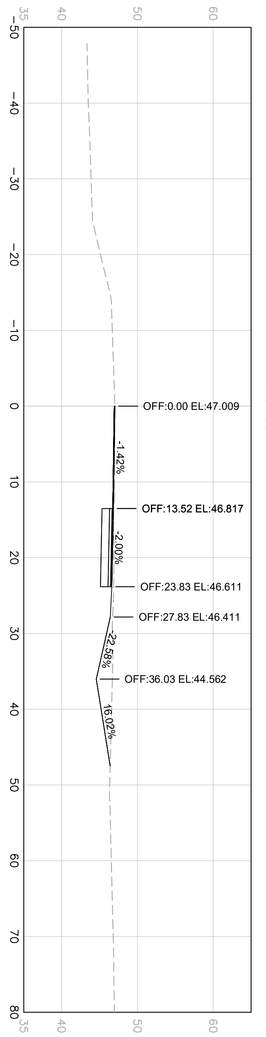
Kimley-Horn and Associates, Inc.
Virginia Beach, Virginia
Roadway Engineer

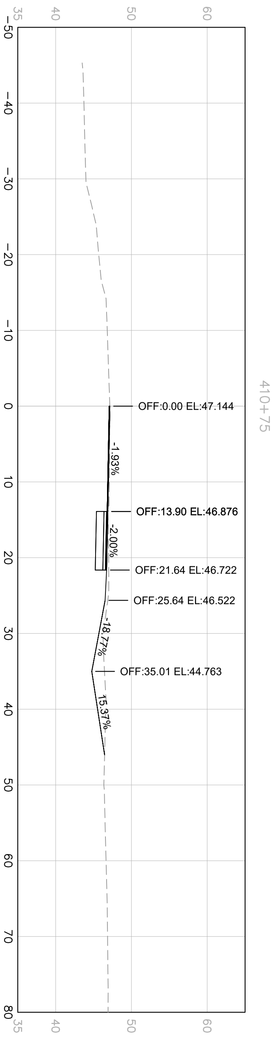
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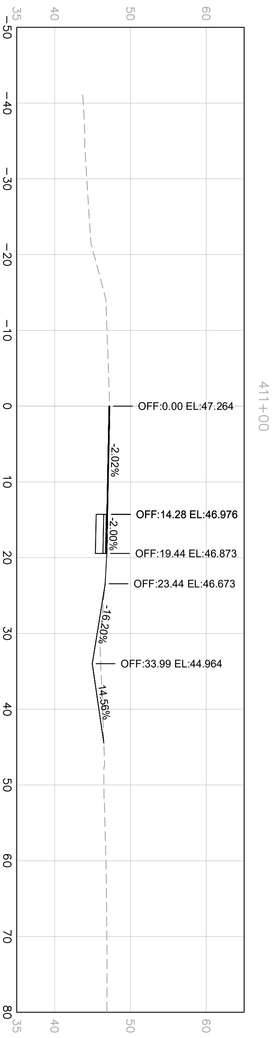
No.	REVISIONS	DATE

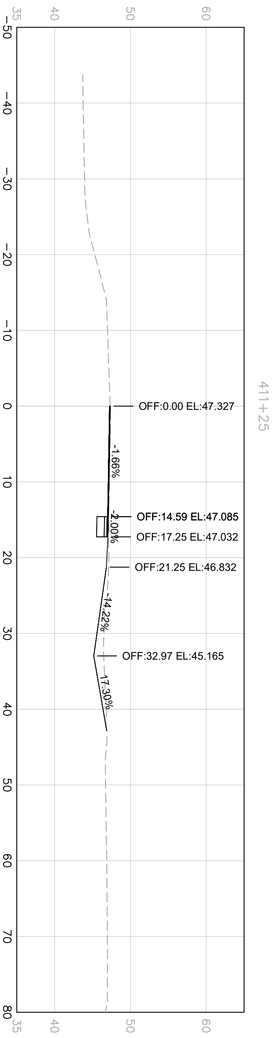
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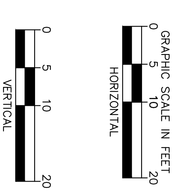
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XS-19
SHEET NUMBER

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Kimley-Horn and Associates, Inc.
Virginia Beach, Virginia
Roadway Engineer

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