

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS J907	21-00164-00-PV	WILLIAMSON	1	69
ILLINOIS		CAMBRIA ROAD ROUNDABOUT		
CONTRACT NO. 99757				

PROPOSED HIGHWAY PLANS

CAMBRIA ROAD ROUNDABOUT

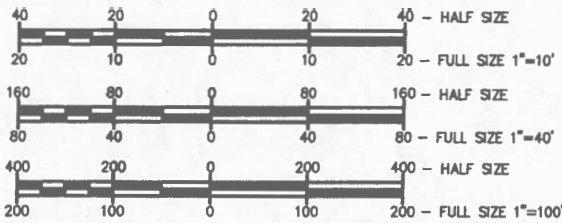
COUNTY: WILLIAMSON
ROUTE NO.: FAS ROUTE 0907 CAMBRIA RD.
SECTION NO.: 21-00164-00-PV
PROJECT NO.: MNI4(133)
JOB NO.: C-99-003-23

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

TRAFFIC DATA - CAMBRIA RD.
FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR
2024 ADT - 4500
2044 - 5600
POSTED SPEED = 45 MPH
DESIGN SPEED = 50 MPH

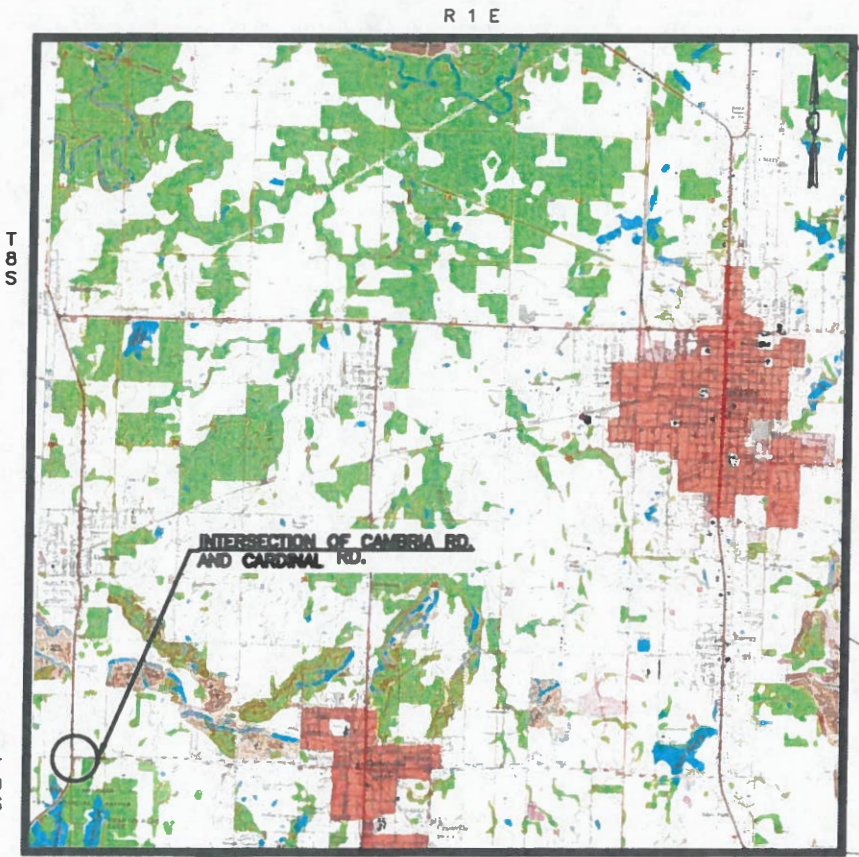
TRAFFIC DATA - GRAND AVE.
FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR
2024 ADT - 2400
2044 - 2050
POSTED SPEED = 45 MPH
DESIGN SPEED = 50 MPH

TRAFFIC DATA - CARDINAL RD.
FUNCTIONAL CLASSIFICATION: MINOR COLLECTOR
2024 ADT - 1350
2044 - 1680
POSTED SPEED = 45 MPH
DESIGN SPEED = 50 MPH

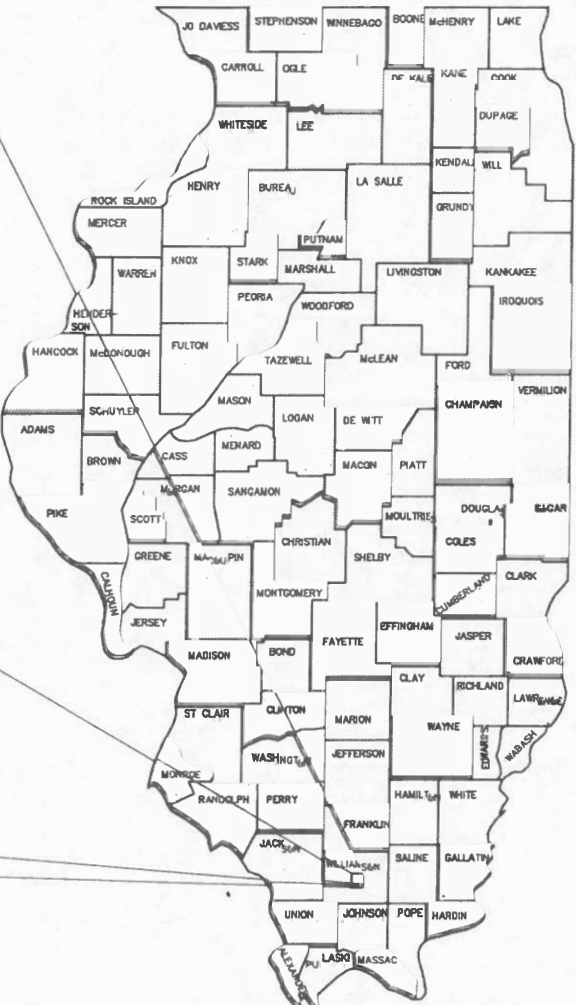


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALE. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E. - CALL BEFORE YOU DIG
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
1-800-892-0123 OR 811



LOCATION MAP
(NTS)



STATE OF ILLINOIS
(NTS)

DEVELOPMENT NOTES

- GROSS LENGTH (ROAD NAME) = 900 FT. = 0.17 MILE
- NET LENGTH (ROAD NAME) = 900 FT. = 0.17 MILE

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
APPROVED	July 8, 2025 WILLIAMSON COUNTY ENGINEER
PASSED	July 9, 2025 DISTRICT ENGINEER OF LOCAL ROADS & STREETS
RELEASING FOR BID BASED ON LIMITED REVIEW	July 9, 2025 DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

W. Brian Ziegler
WILLIAM BRIAN ZIEGLER, P.E.
DATE 7/8/25



ENGINEER:
HORNER SHIFRIN
410 N. COURT ST., MARION, IL 62959
618-993-6411 • WWW.HORNERSHIFRIN.COM
DISCIPLINE: PROFESSIONAL DESIGN FIRM LS/PE/SE CORPORATION
CERTIFICATE OF AUTHORITY: 184.000435
HS Project # 21246CZ

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	2	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
01	Cover – IDOT
02	Index of Sheets & Highway Standards
3-7	Summary of Quantities
8-12	Typical Sections
13-17	Schedules
18	GEOPAK-1
19	GEOPAK-2
20	ROW Plan
21-23	Traffic Control & Phasing
24-27	Plan & Profiles
28	Ditch Profiles
29	Removals
30	Construction Sheet
31	Intersection Closure Detour
32	Intersection Closure Signs
33	Erosion Control Plan
34	Drainage Plan
35	Geometric Detail Sheet
36	Geometric Detail Sheet-2
37	Joint Detail-1
38	Joint Detail-2
39	Joint Detail-3
40	Joint Detail-4
41	Joint Detail-5
42	Pavement Marking Detail – Striping
43	Signing Detail-1
44	Signing Detail-2
45	Sign Detail-3
46	Lighting Plan
47	Misc. Details
48-52	Cross Sections – CL20
53-57	Cross Sections – CL40
58-63	Cross Sections – CL60
64-69	Cross Sections – CL80

HIGHWAY STANDARDS

000001-08	Standard Symbols, Abbreviations and Patterns
001001-02	Areas of Reinforcement Bars
001006	Decimal of an Inch and of a Foot
280001-07	Temporary Erosion Control Systems
420001-10	Pavement Joints
420101-07	24' Jointed PCC Pavement
420111-04	PCC Pavement Roundabouts
420701-03	Pavement Welded Wire Reinforcement
542401-04	Metal Flared End Section for Pipe Culverts
602306-03	Inlet - Type B
604036-03	Grate Type 8
606001-08	Concrete Curb Type B and Combination Concrete Curb and Gutter
606006-04	Outlets for Concrete Curb and Gutter Type B-6,24
606101-05	Type A Gutter Inlet Outlet and Entrance
606301-04	PC Concrete Islands and Medians
666001-01	Right of Way Markers
701001-02	Off-RD Operations 2L 2W More Than 15ft
701006-05	Off-RD Operations 2L 2W 15' to 24" from Pavement Edge
701301-04	Lane Closure, 2L 2W, Short Time Operations
701306-04	Lane Closure, 2L 2W, Slow Moving Operations Day Only 45MPH or More
701326-04	Lane Closure, 2L 2W, Pavement Widening 45MPH or More
701602-10	Urban Lane Closure Multilane, 2W With Bidirectional Left Turn Lane
701901-10	Traffic Control Devices
720001-01	Sign Panel Mounting Details
720006-04	Sign Panel Erection Details
720011-01	Metal Posts for Signs Markers and Delineators
729001-01	Applications of Type A and B Metal Posts
780001-05	Typical Pavement Markings
781001-04	Typical Applications Raised Reflective Pavement Markers
805001-01	Electrical Service Installation Details
825001-04	Lighting Controller Pole Mounted, 240V
BLR 22-7	Typical Application of Traffic Control Devices for Construction on Rural Highways

GENERAL NOTES

THE FOLLOWING STANDARDS SHALL CONTROL ALL MATERIALS AND METHODS OF CONSTRUCTION ON THIS PROJECT, UNLESS OTHERWISE NOTED:

- ILLINOIS DEPARTMENT OF TRANSPORTATION’S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," ADOPTED JANUARY 1, 2022
- THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS"

FORMS FOR CONCRETE GUTTER AND COMBINATION CONCRETE CURB AND GUTTER SHALL BE OF METAL ONLY, EXCEPT THAT WOOD FORMS MAY BE USED ON SHORT RADIUS CURVES.

TRENCH BACKFILL REQUIRED FOR STORM SEWER, SANITARY SEWER, OR WATER MAINS SHALL ONLY BE PLACED UP TO ONE FOOT BELOW THE FINAL GRADE IN AREAS HAVING A PROPOSED GRASS OR SOD SURFACE. TRENCH BACKFILL SHALL ONLY BE PLACED UP TO ONE FOOT BELOW PROPOSED SUBGRADE IN ALL AREAS TO BE PAVED.

AT ALL LOCATIONS WHERE THE PROPOSED HOT-MIX ASPHALT OR CONCRETE PAVEMENT JOINS AN EXISTING HOT-MIX ASPHALT OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.

ALL EXCAVATION OF AGGREGATE AND OTHER MISCELLANEOUS MATERIAL IS INCLUDED IN THE QUANTITY OF EARTHWORK SHOWN IN THE PLANS AND SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD OF EARTH EXCAVATION.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCE THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS. AT THE LOCATION OF ANY MONUMENTS AND AFTER THE PAVING PORTION OF THE WORK HAS BEEN COMPLETED, THE CONTRACTOR SHALL CORE DRILL THE PAVEMENT 4" IN DIAMETER TO A DEPTH OF 24" TO ALLOW FOR THE PLACEMENT OF A SURVEY MONUMENT.

FACTORS USED FOR QUANTITY CALCULATIONS ARE AS FOLLOWS:
ALL AGGREGATE 1.9 TON/CU YD
TRENCH BACKFILL 1.9 TON/CU YD

TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE APPLICABLE STANDARDS AS INCLUDED WITH THE CONTRACT DOCUMENTS, EXCEPT AS MODIFIED IN THE PLANS AND AS DIRECTED BY THE ENGINEER.

CONTRACTOR SHALL CONTACT J.U.L.I.E. OPERATOR AT 1-800-892-0123 FOR MARKING OF EXISTING UNDERGROUND UTILITIES. J.U.L.I.E. SHOULD BE CONTACTED A MINIMUM OF 96 HOURS IN ADVANCE OF CONSTRUCTION. CONTRACTOR SHALL MEET ALL REQUIREMENTS FOR CROSSING OF ANY EXISTING UTILITIES. EXISTING UTILITIES ARE SHOWN IN ACCORDANCE WITH THE BEST AVAILABLE INFORMATION AND THEIR TRUE LOCATIONS ARE NOT GUARANTEED TO BE AS SHOWN IN THE PLANS.

REMOVAL OF ABANDONED UTILITIES SHALL BE INCLUDED IN THE CONTRACTORS UNIT PRICE FOR EARTH EXCAVATION.

PRIOR TO PLACEMENT OF PERMINANT PAVEMENT MARKINGS, THE COUNTY ENGINEER SHALL BE CONSULTED AND APPROVED.

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-004515			
REVISIONS		© 2025 ALL RIGHTS RESERVED  410 NORTH COURT ST, MARION, ILLINOIS 62959 618-993-6411 FAX 618-993-6750 WWW.HORNERSHIFRIN.COM	
DATE	NO.		
		INDEX OF SHEETS CAMBRIA ROAD ROUNDABOUT WILLIAMSON COUNTY, IL	
		Date APRIL 2025	DR. By BLW CK'D By MKW
		Scale N.T.S.	Job No. 21246CZ Sheet No. 2 of 69

P:\21246 - Wson Co Cambria Roundabout\Drawings - Plans\05-8 Sum of Quantities.MXD.dwg 6-27-25 12:22:27 PM mkkumrey

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	3	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				90% HSIP 10% LOCAL ROADWAY	90% HSIP 10% LOCAL HIGHWAY LIGHTING
				0004	0021
				RURAL	RURAL
20100500	TREE REMOVAL, ACRES	ACRE	0.45	0.45	
20200100	EARTH EXCAVATION	CU YD	2165	2165	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	988	988	
20400800	FURNISHED EXCAVATION	CU YD	3160	3160	
20800150	TRENCH BACKFILL	CU YD	16	16	
25000115	SEEDING, CLASS 1B	ACRE	1.25	1.25	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	106	106	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	106	106	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	106	106	
25000700	AGRICULTURAL GROUND LIMESTONE	TON	2.4	2.4	
25100115	MULCH, METHOD 2	ACRE	1.25	1.25	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	118	118	
28000305	TEMPORARY DITCH CHECKS	FOOT	120	120	
28000400	PERIMETER EROSION BARRIER	FOOT	2555	2555	

* SPECIALTY ITEM

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184000435-0014					
REVISIONS		© 2025 ALL RIGHTS RESERVED  410 NORTH COURT ST, MARION, ILLINOIS 62959 PHONE: 618-993-6411 WWW.HORNERSHIFRIN.COM SUMMARY OF QUANTITIES - 1 CAMBRIA ROAD ROUNDABOUT WILLIAMSON COUNTY, IL			
DATE	NO.				
		Date	APRIL 2025	DR. By	BLW
				CK'D By	MKW
		Scale	N.T.S.	Job No.	21246CZ
				Sheet No.	3 of 69

P:\21246 - Wson Co Cambria Roundabout\Drawings - Plans\05-8 Sum of Quantities.MXD.dwg 6-27-25 12:23:29 PM mkkumrey

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	4	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				90% HSIP 10% LOCAL	90% HSIP 10% LOCAL
				ROADWAY	HIGHWAY LIGHTING
				0004	0021
				RURAL	RURAL
28000500	INLET AND PIPE PROTECTION	EACH	7	7	
28100107	STONE RIPRAP, CLASS A4	SQ YD	30	30	
28200200	FILTER FABRIC	SQ YD	30	30	
31100100	SUBBASE GRANULAR MATERIAL, TYPE A	TON	6702	6702	
31102000	SUBBASE GRANULAR MATERIAL, TYPE C	CU YD	988	988	
42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	5665	5665	
42001300	PROTECTIVE COAT	SQ YD	7123	7123	
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	129	129	
44000100	PAVEMENT REMOVAL	SQ YD	4418	4418	
48300300	PORTLAND CEMENT CONCRETE SHOULDERS 8"	SQ YD	24	24	
50105220	PIPE CULVERT REMOVAL	FOOT	42	42	
542D0217	PIPE CULVERTS, CLASS D, TYPE 1 12"	FOOT	18	18	
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	25	25	
54262712	METAL FLARED END SECTIONS 12"	EACH	2	2	

* SPECIALTY ITEM

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184000435-0014					
REVISIONS		© 2025 ALL RIGHTS RESERVED  410 NORTH COURT ST, MARION, ILLINOIS 62959 PHONE: 618-993-6411 WWW.HORNERSHIFRIN.COM SUMMARY OF QUANTITIES - 1 CAMBRIA ROAD ROUNDABOUT WILLIAMSON COUNTY, IL			
DATE	NO.				
		Date	APRIL 2025	DR. By	BLW
				CK'D By	MKW
		Scale	N.T.S.	Job No.	21246CZ
				Sheet No.	4 of 69

P:\21246 - Wson Co Cambria Roundabout\Drawings - Plans\05-8 Sum of Quantities.MXD.dwg 6-27-25 12:23:45 PM mkkumrey

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	5	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				90% HSIP 10% LOCAL	90% HSIP 10% LOCAL
				ROADWAY	HIGHWAY LIGHTING
				0004	0021
				RURAL	RURAL
54262715	METAL FLARED END SECTIONS 15"	EACH	4	4	
550B0070	STORM SEWERS, CLASS B, TYPE 1 15"	FOOT	150	150	
55100700	STORM SEWER REMOVAL 15"	FOOT	90	90	
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	1	1	
60500060	REMOVING INLETS	EACH	1	1	
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	6	6	
60600605	CONCRETE CURB, TYPE B	FOOT	210	210	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	4567	4567	
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	10	10	
67100100	MOBILIZATION	L SUM	1	1	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	700	700	
* 72000100	SIGN PANEL - TYPE 1	SQ FT	549	549	
* 72000200	SIGN PANEL - TYPE 2	SQ FT	80	80	
72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	6	6	

* SPECIALTY ITEM

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184000435-0014					
REVISIONS		© 2025 ALL RIGHTS RESERVED  410 NORTH COURT ST, MARION, ILLINOIS 62959 PHONE: 618-993-6411 WWW.HORNERSHIFRIN.COM SUMMARY OF QUANTITIES - 2 CAMBRIA ROAD ROUNDABOUT WILLIAMSON COUNTY, IL			
DATE	NO.				
		Date	APRIL 2025	DR. By	BLW
				CK'D By	MKW
		Scale	N.T.S.	Job No.	21246CZ
				Sheet No.	5 of 69

P:\21246 - Wson Co Cambria Roundabout\Drawings - Plans\05-8 Sum of Quantities_M&O.dwg 6-27-25 12:24:03 PM mkkumrey

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	6	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				90% HSIP 10% LOCAL	90% HSIP 10% LOCAL
				ROADWAY	HIGHWAY LIGHTING
				0004	0021
				RURAL	RURAL
72400210	REMOVE AND RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	2	2	
* 73000100	WOOD SIGN SUPPORT	FOOT	495	495	
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	140	140	
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	7014	7014	
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	139	139	
* 78009018	MODIFIED URETHANE PAVEMENT MARKING - LINE 18"	FOOT	56	56	
* 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	140	140	
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	7014	7014	
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	139	139	
* 78011095	GROOVING FOR RECESSED PAVEMENT MARKING 19"	FOOT	56	56	
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1		1
* 81028750	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	250		250
* 81400100	HANDHOLE	EACH	5		5
* 81603010	UNIT DUCT, 600V, 2-1C NO.10, 1/C NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	400		400

* SPECIALTY ITEM

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184000435-0014					
REVISIONS		© 2025 ALL RIGHTS RESERVED  410 NORTH COURT ST, MARION, ILLINOIS 62959 PHONE: 618-993-6411 WWW.HORNERSHIFRIN.COM SUMMARY OF QUANTITIES - 3 CAMBRIA ROAD ROUNDABOUT WILLIAMSON COUNTY, IL			
DATE	NO.				
		Date	APRIL 2025	DR. By	BLW
		CK'D By	MKW		
		Scale	N.T.S.	Job No.	21246CZ
		Sheet No.	6	of	69

P:\21246 - Wsen Co Cambria Roundabout\Drawings - Plans\05-8 Sum of Quantities_MAO.dwg 6-27-25 12:24:16 PM mkkcrumrey

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	7	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				

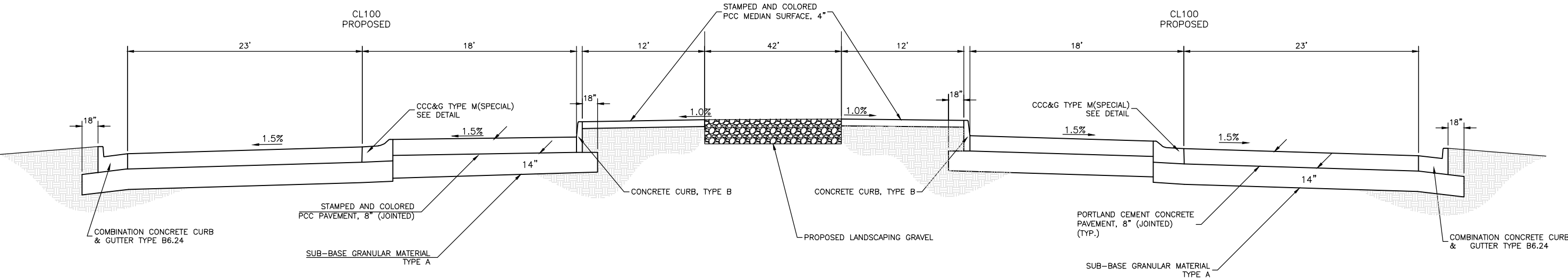
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				90% HSIP 10% LOCAL ROADWAY	90% HSIP 10% LOCAL HIGHWAY LIGHTING
				0004	0021
				RURAL	RURAL
* 82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	4		4
* 82500300	LIGHTING CONTROLLER, POLE MOUNTED, 240VOLT, 30AMP	EACH	1		1
* 83003600	LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. DAVIT ARM	EACH	4		4
* 83600356	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8 5/8" X 6'	EACH	4		4
* 83800650	BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	EACH	16		16
X0323117	LANDSCAPING GRAVEL	SQ YD	153	153	
X1700011	STAMPED COLORED PORTLAND CEMENT CONCRETE MEDIAN SURFACE 4 INCH	SQ FT	10340	10340	
X4200468	STAMPED COLORED PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	535	535	
# Z0076600	TRAINEES	HOURL	500		
X6061815	COMBINATION CONCRETE CURB AND GUTTER, TYPE M (SPECIAL)	FOOT	331	331	
# Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURL	500		
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	

* SPECIALTY ITEM

0042

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184000435-0014					
REVISIONS		© 2025 ALL RIGHTS RESERVED HORNER SHIFRIN 410 NORTH COURT ST, MARION, ILLINOIS 62959 PHONE: 618-993-6411 WWW.HORNERSHIFRIN.COM SUMMARY OF QUANTITIES - 3 CAMBRIA ROAD ROUNDABOUT WILLIAMSON COUNTY, IL			
DATE	NO.				
		Date	APRIL 2025	DR. By	BLW
		CK'D By		MKW	
		Scale	N.T.S.	Job No.	21246CZ
		Sheet No.	7	of	69

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	8	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				

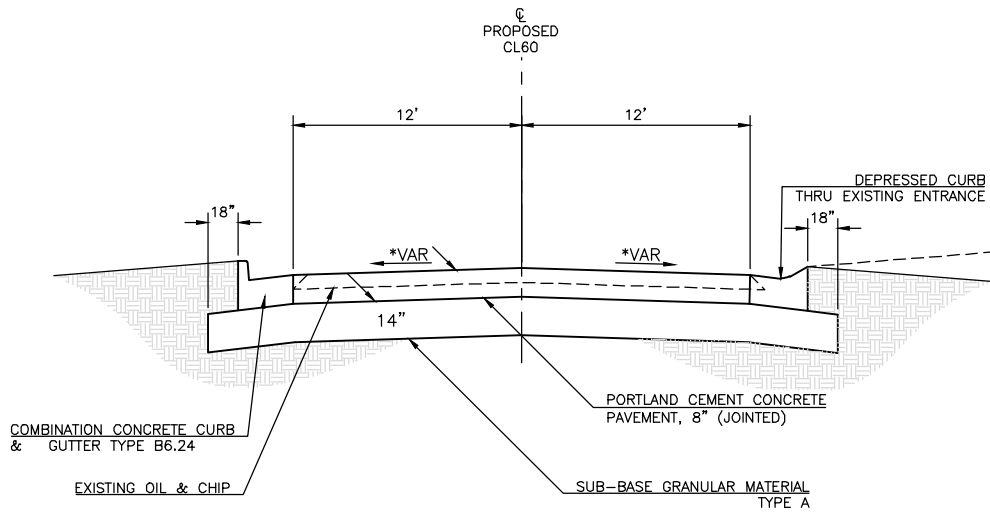


CIRCULAR ROADWAY

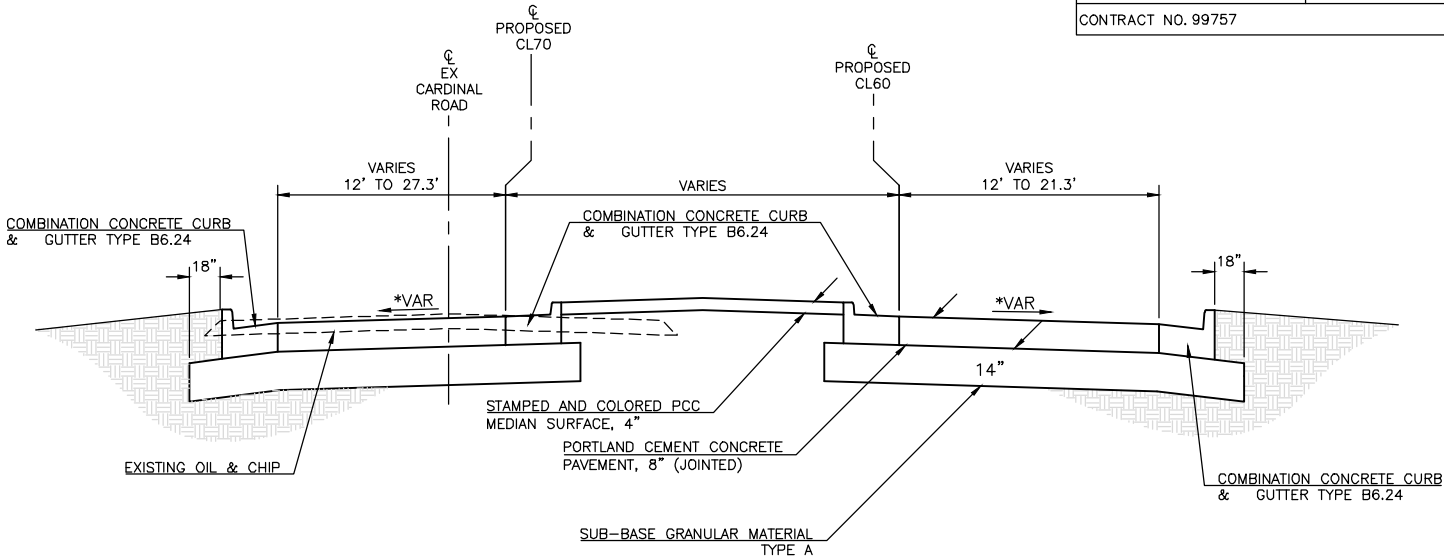
P:\21246 - Wson Co Cambria Roundabout\Drawings - Plans\11 Typical Sections.dwg 6-03-25 03:22:21 PM bwhite

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184000435-0014	
© 2025 ALL RIGHTS RESERVED	
HORNER SHIFRIN	
410 NORTH COURT ST, MARION, ILLINOIS 62959 PHONE: 618-993-6411 WWW.HORNERSHIFRIN.COM	
TYPICAL SECTIONS (CIRCULAR ROADWAY) CAMBRIA ROAD ROUNDABOUT WILLIAMSON COUNTY, IL	
Date <u>APRIL 2025</u>	DR. By <u>BLW</u> CK'D By <u>MKW</u>
Scale <u>N.T.S.</u>	Job No. <u>21246CZ</u> Sheet No. <u>8</u> of <u>69</u>

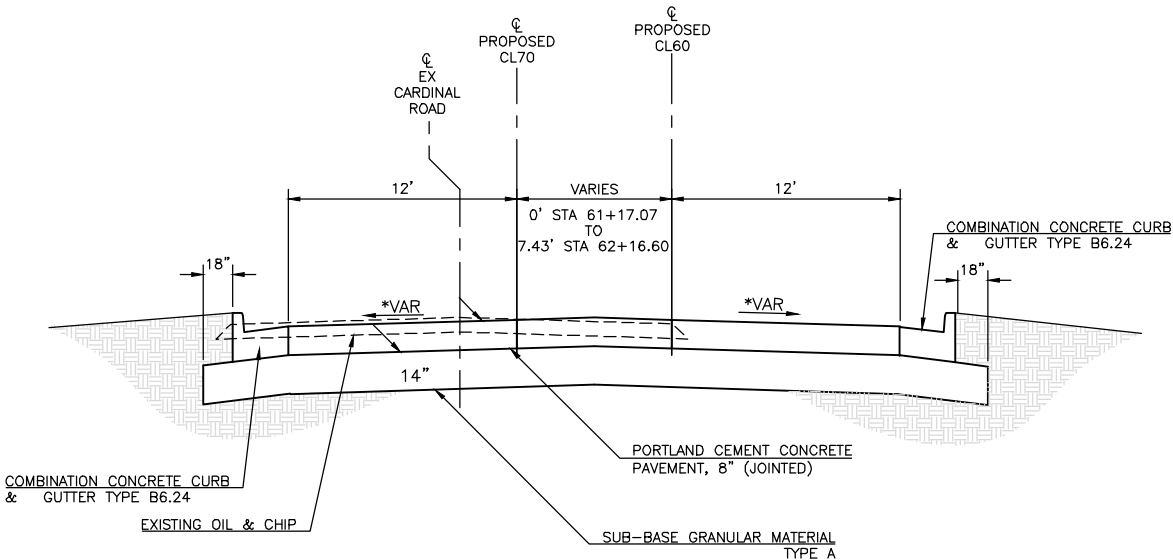
ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	9	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				



TO BE USED
STA 60+00 TO 61+17.07 (CL60)



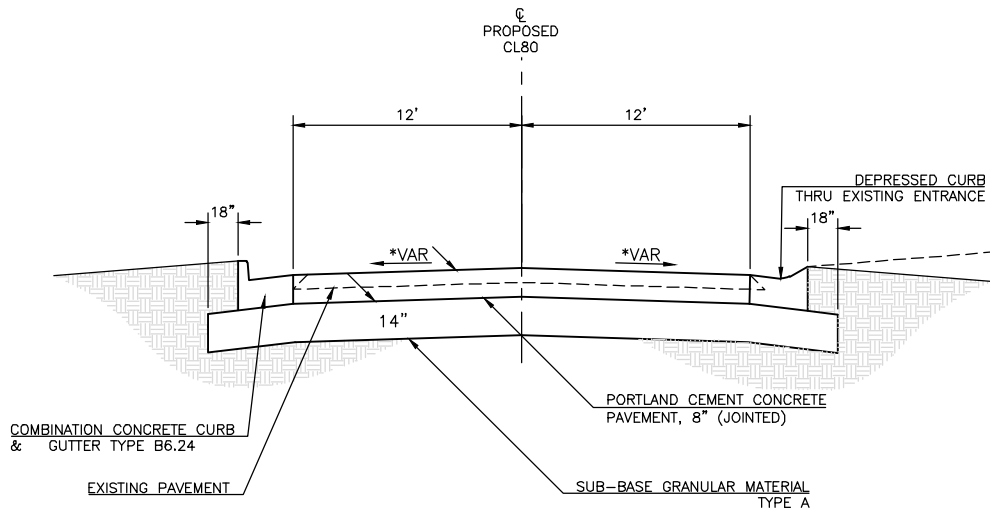
TO BE USED
STA 62+16.60 TO STA 63+76.42 (CL60)



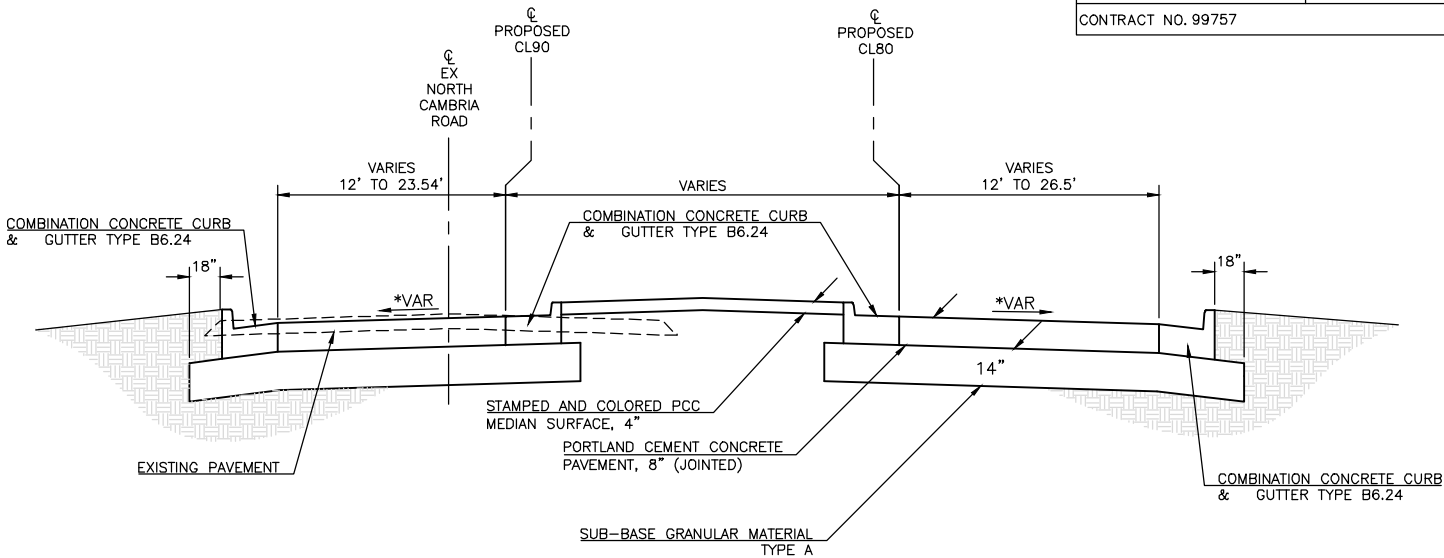
TO BE USED
STA 61+17.07 TO STA 62+16.60 (CL60)

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184000435-0014			
REVISIONS		© 2025 ALL RIGHTS RESERVED  410 NORTH COURT ST, MARION, ILLINOIS 62959 PHONE: 618-993-6411 WWW.HORNERSHIFRIN.COM TYPICAL SECTIONS CL 60 (CARDINAL ROAD) CAMBRIA ROAD ROUNDABOUT WILLIAMSON COUNTY, IL	
DATE	NO.		
		Date	APRIL 2025
		DR. By	BLW
		CK'D By	MKW
		Scale	N.T.S.
		Job No.	21246CZ
		Sheet No.	9 of 69

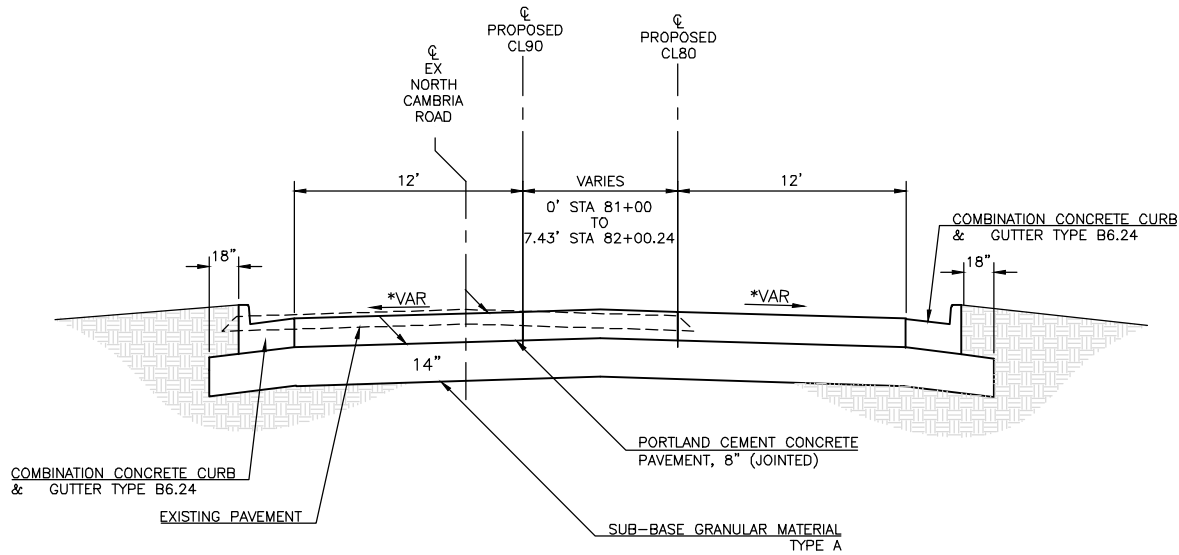
ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	10	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				



TO BE USED
STA 80+00 TO 81+00 (CL80)



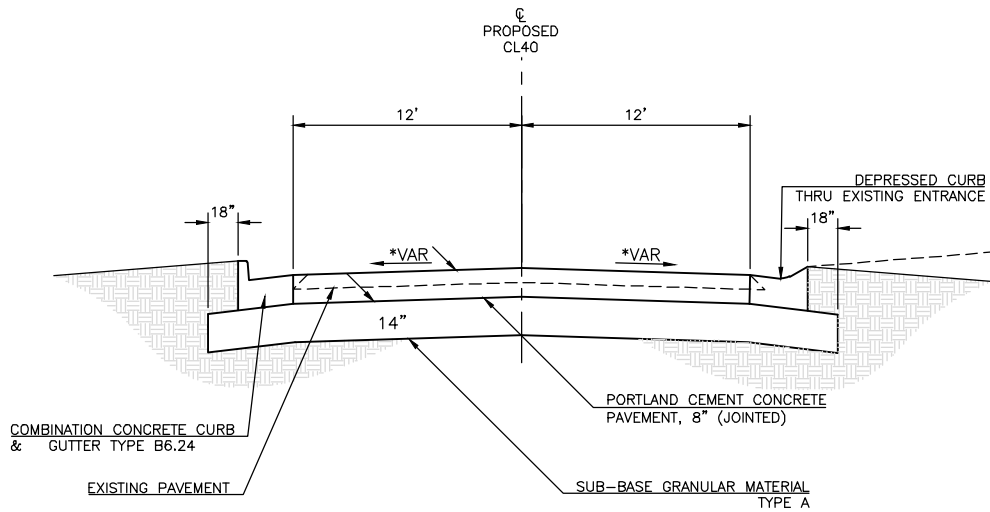
TO BE USED
STA 82+00.24 TO STA 83+76.73 (CL80)



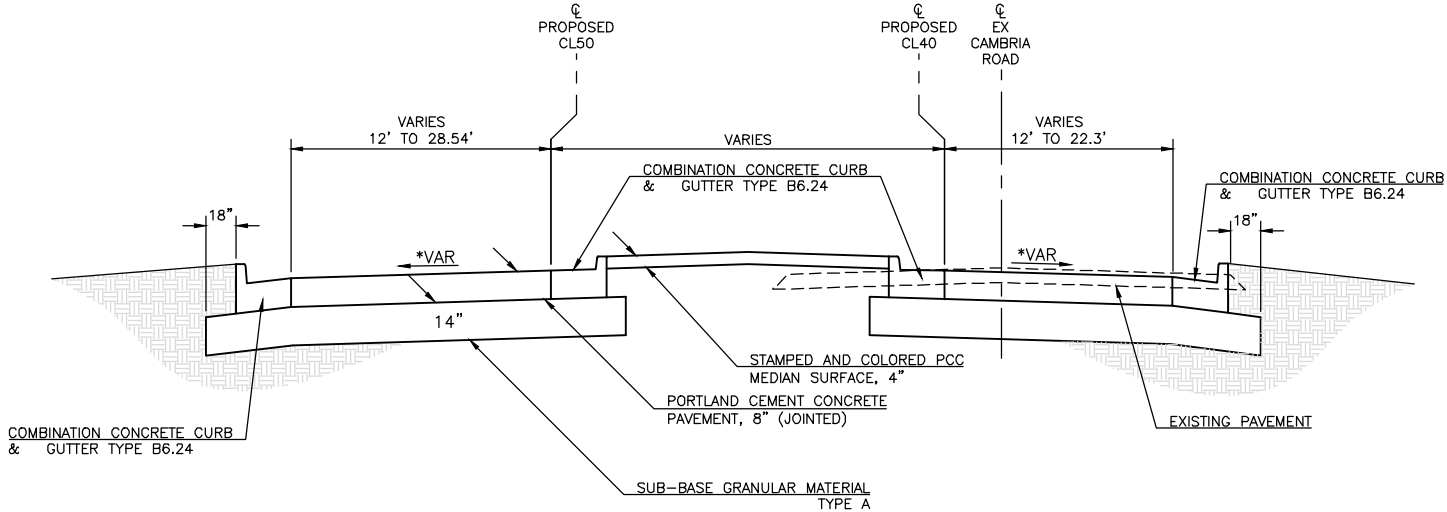
TO BE USED
STA 81+00 TO STA 82+00.24 (CL80)

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184000435-0014	
© 2025 ALL RIGHTS RESERVED	
HORNER SHIFRIN	
410 NORTH COURT ST, MARION, ILLINOIS 62959 PHONE: 618-993-6411 WWW.HORNERSHIFRIN.COM	
TYPICAL SECTIONS CL 80 (NORTH CAMBRIA ROAD) CAMBRIA ROAD ROUNDABOUT WILLIAMSON COUNTY, IL	
Date	APRIL 2025
DR. By	BLW
CK'D By	MKW
Scale	N.T.S.
Job No.	21246CZ
Sheet No.	10 of 69

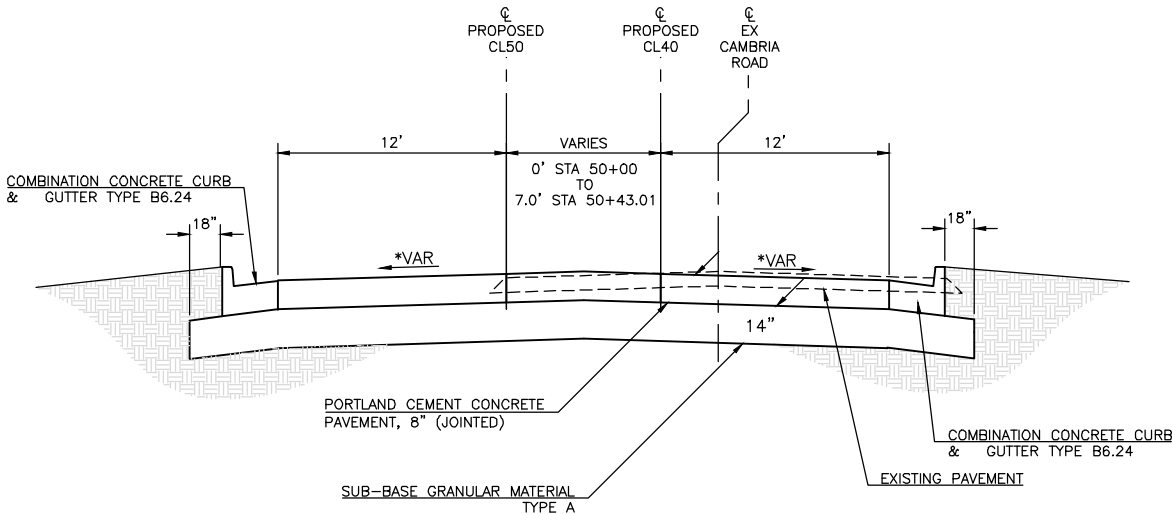
ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	11	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				



TO BE USED
STA 50+00 TO 51+73.70 (CL50)



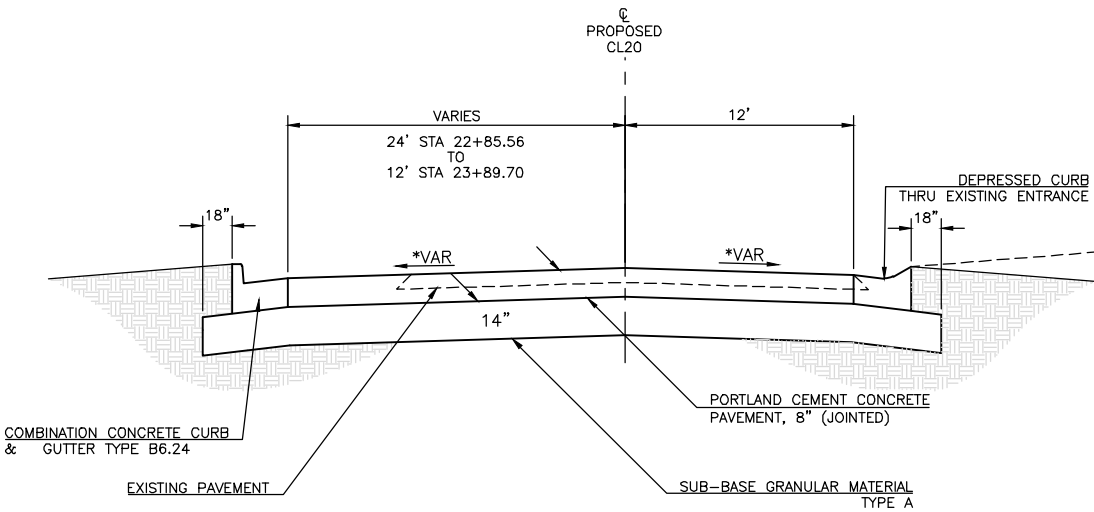
TO BE USED
STA 51+43.01 TO STA 53+32.19 (CL50)



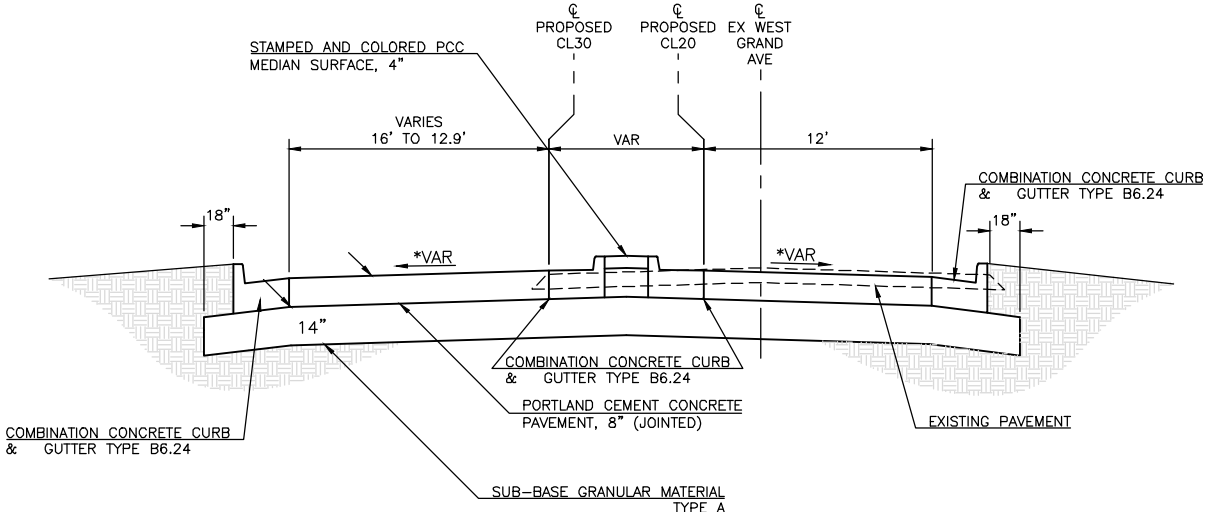
TO BE USED
STA 50+73.70 TO STA 51+43.01 (CL50)

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184000435-0014			
REVISIONS		© 2025 ALL RIGHTS RESERVED  410 NORTH COURT ST, MARION, ILLINOIS 62959 PHONE: 618-993-6411 WWW.HORNERSHIFRIN.COM TYPICAL SECTIONS CL 50 (SOUTH CAMBRIA ROAD) CAMBRIA ROAD ROUNDABOUT WILLIAMSON COUNTY, IL	
DATE	NO.		
Date		APRIL 2025	DR. By BLW CK'D By MKW
Scale		N.T.S.	Job No. 21246CZ Sheet No. 11 of 69

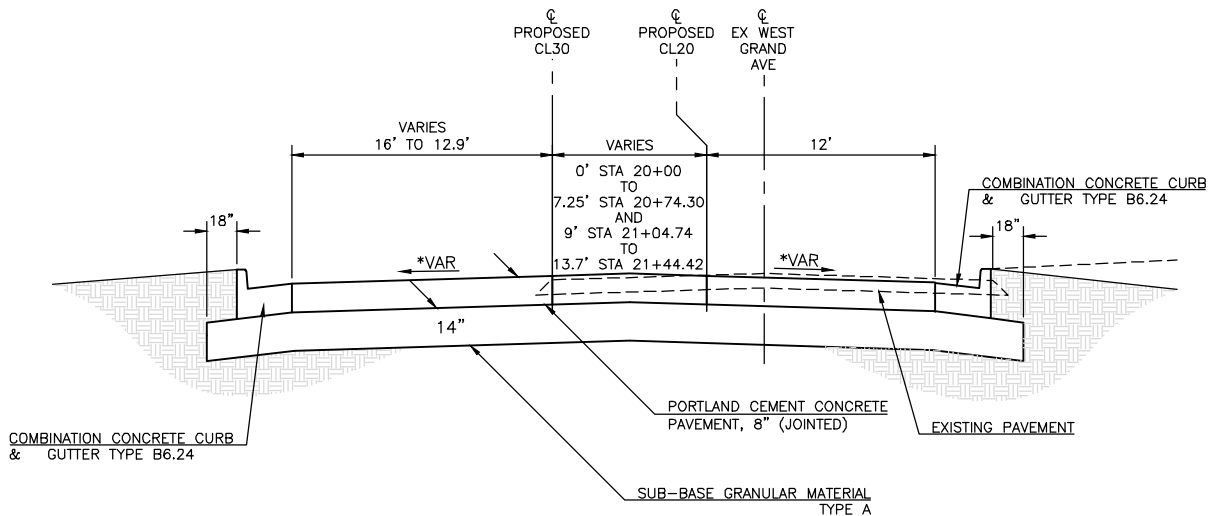
ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	12	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				



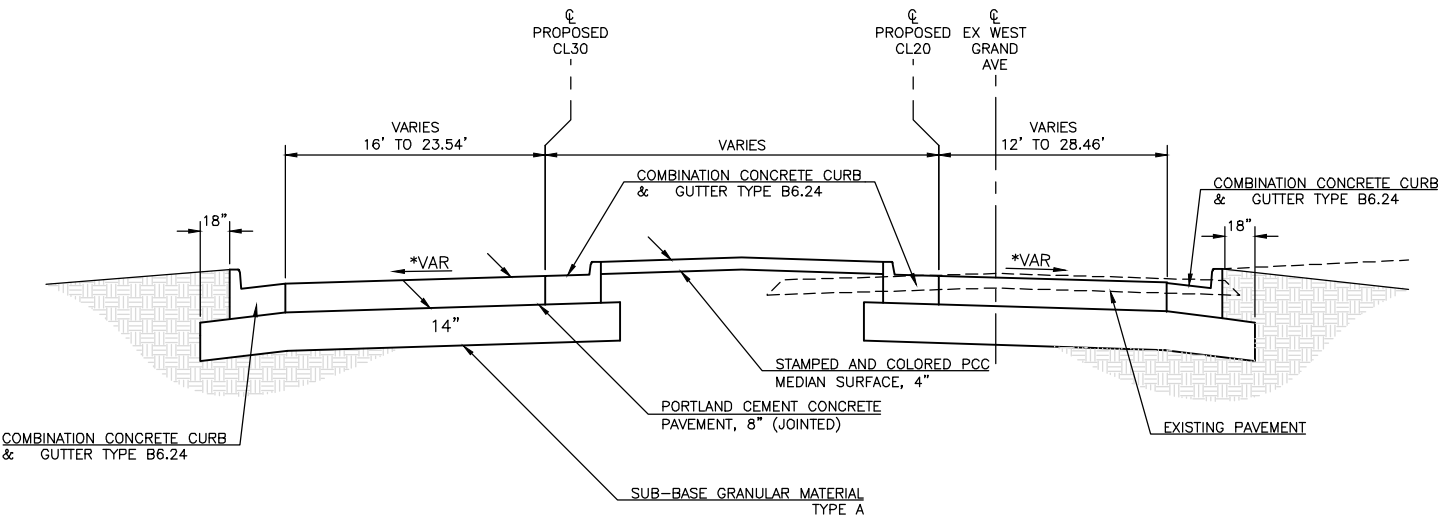
TO BE USED
STA 23+89.70 TO 23+59.62 (WEST GRAND AVE)



TO BE USED
STA 20+74.30 TO STA 21+02.91 (CL20)



TO BE USED
STA 20+00 TO STA 20+74.30 (CL20)
STA 21+04.74 TO STA 21+44.42 (CL20)



TO BE USED
STA 21+44.42 TO STA 23+31.16 (CL20)

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184000435-0014	
© 2025 ALL RIGHTS RESERVED	
HORNER SHIFRIN	
410 NORTH COURT ST, MARION, ILLINOIS 62959 PHONE: 618-993-6411 WWW.HORNERSHIFRIN.COM	
TYPICAL SECTIONS CL 20 (WEST GRAND AVENUE) CAMBRIA ROAD ROUNDABOUT WILLIAMSON COUNTY, IL	
Date	APRIL 2025
DR. By	BLW
CK'D By	MKW
Scale	N.T.S.
Job No.	21246CZ
Sheet No.	12 of 69

P:\21246 - Wison Co Cambria Roundabout\Drawings - Plans\16-25 Schedules.dwg 6-03-25 03:50:47 PM blwhite

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	13	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				

EARTHWORK SCHEDULE

LOCATION STATION TO STATION	EARTH EXCAVATION CU YD	FOR INFORMATION ONLY			FURNISHED EXCAVATION CU YD
		EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%) CU YD	EMBANKMENT CU YD	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) CU YD	
WEST LEG - CL60					
60+00 TO 63+75	482.0	361.5	722.0	-360.5	360.5
NORTH LEG - CL80					
80+00 TO 83+75	218.0	163.5	984.0	-820.5	820.5
EAST LEG - CL20					
20+00 TO 23+25	1268.0	951.0	417.0	534.0	-534.0
SOUTH LEG - CL40					
40+00 TO 43+25	193.0	144.8	859.0	-714.3	714.3
ROUNDABOUT CENTER	0.0	0.0	1798.0	-1798.0	1798.0
SUB-TOTAL	2161.0				3159.3
TOTAL	2165				3160

UNSUITABLE MATERIAL

LOCATION STATION TO STATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL CU YD	SUBBASE GRANULAR MATERIAL, TYPE C CU YD
W LEG - CARDINAL RD. & W GRAND AVE		
2+16 LT TO 2+91 LT	29.15	29.15
2+16 RT TO 6+79 LT	270.27	270.27
6+11 LT TO 6+83 LT	45.21	45.21
7+41 TO 10+91 RT	155.90	155.90
NORTH LEG - CAMBRIA RD.		
2+52 RT TO 5+75 LT	190.51	190.51
6+27 LT TO 9+43 RT	189.61	189.61
6+38 LT TO 8+73 LT	106.51	106.51
SUB-TOTAL	987.16	987.16
TOTAL	988	988

SEEDING SCHEDULE

LOCATION STATION TO STATION	SEEDING CLASS 1B ACRE	NITROGEN FERTILIZER NUTRIENT POUND	PHOSPHORUS FERTILIZER NUTRIENT POUND	POTASSIUM FERTILIZER NUTRIENT POUND	AGRICULTURAL GROUND LIMESTONE TON	MULCH, METHOD 2 ACRE	TEMPORARY EROSION CONTROL SEEDING POUND
W LEG - CARDINAL RD. & W GRAND AVE							
1+56 LT TO 6+16 LT	0.14	12.7	12.7	12.7	0.28	0.14	14.1
1+59 LT TO 5+99 LT							
2+16 RT TO 6+13 RT	0.17	15.7	15.7	15.7	0.35	0.17	17.4
2+16 RT TO 5+33 RT							
7+28 LT TO 10+98 LT	0.09	7.7	7.7	7.7	0.17	0.09	8.5
7+40 LT TO 8+16 LT							
9+62 LT TO 10+98 LT							
7+11 RT TO 11+42 RT	0.28	25.4	25.4	25.4	0.56	0.28	28.2
7+24 RT TO 11+42 RT							
NORTH LEG - CAMBRIA RD.							
1+89 LT TO 3+81 LT	0.05	4.6	4.6	4.6	0.10	0.05	5.1
1+78 LT TO 3+76 LT							
3+94 LT TO 5+85 LT	0.05	4.5	4.5	4.5	0.10	0.05	5.0
3+99 LT TO 5+76 LT							
7+20 LT TO 10+48 LT	0.10	9.4	9.4	9.4	0.21	0.10	10.4
7+88 LT TO 8+96 LT							
1+64 RT TO 5+87 RT	0.14	12.6	12.6	12.6	0.28	0.14	13.9
1+55 RT TO 3+37 RT							
6+97 RT TO 10+47 RT	0.15	13.4	13.4	13.4	0.30	0.15	14.9
8+41 RT TO 10+47 RT							
SUB TOTALS	1.18	105.9	105.9	105.9	2.4	1.18	117.6
TOTALS	1.25	106	106	106	2.4	1.25	118

DITCH CHECKS

LOCATION STATION	TEMPORARY DITCH CHECK FOOT	REMARKS
S LEG - CAMBRIA RD.		
CL40 STA 40+25	10	LEFT
CL40 STA 41+85	10	RIGHT
N LEG - CAMBRIA RD.		
CL80 STA 81++65	10	LEFT
CL80 STA 83+55	10	LEFT
CL80 STA 81+10	10	RIGHT
W LEG - CARDINAL RD.		
CL60 STA 59+85	10	LEFT
CL60 STA 62+59	10	LEFT
CL60 STA 60+33	10	RIGHT
CL60 STA 62+35	10	RIGHT
E LEG - GRAND AVE.		
CL20 STA 19+50	10	LEFT
CL20 STA 21+80	10	LEFT
CL20 STA 20+05	10	RIGHT
SUB-TOTAL	120	
TOTALS	120	

PERIMETER EROSION BARRIER

LOCATION STATION TO STATION	PERIMETER EROSION BARRIER FOOT
E LEG GRAND AVE TO N LEG CAMBRIA RD	
CL20 19+50 RT TO CL80 80+12 LT	585
N LEG CAMBRIA RD TO W LEG CARDINAL RD	
CL80 79+58 RT TO CL60 59+40 LT	875
E LEG CARDINAL RD TO S LEG CAMBRIA RD	
CL60 59+75 RT TO CL40 80+12 LT	740
S LEG CAMBRIA RD TO EAST LEG GRAND AVE	
CL40 19+50 RT TO CL40 43+35 RT	355
SUB-TOTAL	2555
TOTALS	2555

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184000435-0014			
REVISIONS		© 2025 ALL RIGHTS RESERVED  410 NORTH COURT ST, MARION, ILLINOIS 62959 PHONE: 618-993-6411 WWW.HORNERSHIFRIN.COM REMOVAL SCHEDULE CAMBRIA ROAD ROUNDABOUT WILLIAMSON COUNTY, IL	
DATE	NO.		
		Date APRIL 2025	DR. By BLW CK'D By MKW
		Scale N.T.S.	Job No. 21246CZ Sheet No. 13 of 69

P:\21246 - Wison Co Cambria Roundabout\Drawings - Plans\16-25 Schedules.dwg 6-05-25 11:51:21 AM mikrumrey

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	14	69
ILLINOIS		CAMRBIA ROUNDABOUT		
CONTRACT NO. 99757				

PCC PAVEMENT SCHEDULE

LOCATION STATION TO STATION	LENGTH	SUBBASE GRANULAR MATERIAL, TYPE A	PCC PAVEMENT, 8" (JOINTED)	STAMPED COLORED PCC MEDIAN SURFACE, 4"	STAMPED COLORED PCC PAVEMENT, 8"	PCC DRIVEWAY PAVEMENT, 6"	PCC SHOULDERS, 8"	PROTECTIVE COAT	REMARKS
	FOOT	TON	SQ YD	SQ FT	SQ YD	SQ YD	SQ YD	SQ YD	
W LEG - CARDINAL RD. & W GRAND AVE									
2+06 TO 2+16	10	6.4					6		CARDINAL RD - WEST TERMINUS
2+16 TO 5+95	379	1377	1240					1240	CARDINAL RD
4+36 TO 5+93	157			1876					SPLITTER ISLAND
7+43 TO 9+20	177			2348					SPLITTER ISLAND
9+26 LT TO 9+60 LT	34	15				36			PRIVATE DRIVE OFF W. GRAND AVE
9+65 TO 9+90	25			73					SPLITTER ISLAND
10+98 TO 11+08	10	6.4					6		W. GRAND AVE - EAST TERMINUS
7+40 TO 10+98	358	1439	1304					1304	
NORTH LEG - CAMBRIA RD.									
1+99 TO 5+72	373	1354	1214					1214	N. CAMBRIA RD
2+78 LT TO 3+08 LT	12	21				28			PRIVATE DRIVE OFF N. CAMBRIA RD
3+73 LT TO 4+05 LT	32	49				64			PRIVATE DRIVE OFF N. CAMBRIA RD
4+03 TO 5+69	166			1523					SPLITTER ISLAND
7+17 TO 10+46	329	1263	1109					1109	S. CAMBRIA RD
7+19 TO 9+00	181			2490					SPLITTER ISLAND
7+19 TO 9+01		6.4					6		CAMBRIA RD - NORTH TERMINUS
7+19 TO 9+02		6.4					6		CAMBRIA RD - SOUTH TERMINUS
CENTER CIRCLE - CAMBRIA RD.									
5+72 TO 7+17	145	1158	798					798	CENTER CIRCLE LANE
5+90 TO 6+99	103			2030	535				TRUCK APRON
	SUB-TOTAL	6701.41	5664.89	10340.00	535.00	128.33	23.56	5664.89	
	TOTAL	6702	5665	10340	535	129	24	5665	

CURB AND GUTTER SCHEDULE

LOCATION STATION TO STATION	CONCRETE CURB, TYPE B	COMBINATION CONCRETE CURB AND GUTTER, TYPE M (SPECIAL)	CLASS SI CONCRETE (OUTLET)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	STONE RIPRAP, CLASS A4	FILTER FABRIC	PROTECTIVE COAT
	FOOT	FOOT	CU YD	FOOT	SQ YD	SQ YD	SQ YD
CL100							
100+00 TO 103+42	210	331					111
CL200							
200+00 TO 201+37				137			39
201+71 TO 205+66				395			113
205+98 TO 207+74				176			51
200+00 RT			0.19		2	2	1
204+10 RT			0.46		2	2	3
207+09 RT			0.28		2	2	2
CL300							
300+00 TO 307+42				742			213
300+00 RT			0.37		2	2	2
302+82 RT			0.31		2	2	2
304+50 RT			0.56		2	2	3
307+42 RT			0.63		2	2	4
CL400							
400+00 TO 407+68				768			220
400+00 RT			0.17		2	2	1
402+97 RT			0.59		2	2	4
405+64 RT			0.59		2	2	4
407+68 RT			0.43		2	2	3
CL500							
500+00 TO 508+03				803			230
500+73 RT			0.30		2	2	2
503+68 RT			0.48		2	2	3
505+14 RT			0.48		2	2	3
508+03 RT			0.17		2	2	1
CL20							
20+74 TO 21+05				29			8
21+44 TO 23+31				192			55
CL30							
30+74 TO 31+05				29			8
31+45 TO 33+30				192			55
CL40							
41+43 TO 43+35				197			57
CL50							
51+43 TO 53+33				197			57
CL60							
62+17 TO 63+86				175			50
CL70							
72+17 TO 73+81				175			50
CL80							
82+00 TO 83+77				180			52
CL90							
92+00 TO 93+74				180			52
TOTAL	210	331	6	4567	30	30	1458

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184000435-0014			
REVISIONS		© 2025 ALL RIGHTS RESERVED  410 NORTH COURT ST, MARION, ILLINOIS 62959 PHONE: 618-993-6411 WWW.HORNERSHIFRIN.COM PCC PAVEMENT SCHEDULE CAMBRIA ROAD ROUNDABOUT WILLIAMSON COUNTY, IL	
DATE	NO.		
Date	APRIL 2025	DR. By	BLW
		CK'D By	MKW
Scale	N.T.S.	Job No.	21246CZ
		Sheet No.	14 of 69

P:\21246 - Wson Co Cambria Roundabout\Drawings - Plans\16-25 Schedules.dwg 6-03-25 03:49:59 PM blwhite

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	15	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				

REMOVAL SCHEDULE

LOCATION STATION TO STATION	TREE REMOVAL ACRE	PAVEMENT REMOVAL SQ YD	REMOVING INLETS EACH	PIPE CULVERT REMOVAL FOOT	STORM SEWER REMOVAL 15" FOOT
CARDINAL RD					
14+53 TO 16+43 LEFT	0.05				
15+16 TO 19+89		1140			
WEST GRAND AVE					
20+13 TO 23+60 RIGHT	0.17				
20+50 TO 23+47		1033			
21+64 TO 22+55 LEFT					90
22+06 LEFT			1		
CAMBRIA RD					
59+00 TO 67+38		2245			
60+32 TO 62+83 LEFT	0.14				
65+28 TO 65+53 RIGHT				25	
65+70 TO 67+59 LEFT	0.09				
66+35 TO 66+52 RIGHT				17	
TOTAL	0.45	4418	1	42	90

DRAINAGE SCHEDULE

LOCATION STATION TO STATION	PIPE CULVERTS, CLASS D, TYPE 1, 12"	PIPE CULVERTS, CLASS D, TYPE 1, 15"	STORM SEWERS, CLASS B, TYPE 1 15"	METAL FLARED END SECTIONS 12"	METAL FLARED END SECTIONS 15"	INLETS, TYPE B, TYPE 8 GRATE	TRENCH BACKFILL
	FOOT	FOOT	FOOT	EACH	EACH	EACH	CU YD
WEST LEG - CARDINAL RD. & WEST GRAND AVE							
8+17 LT					1		
8+17 LT TO 8+77 LT			60				
8+79 LT						1	
8+81 LT TO 9+64 LT			90				
9+64 LT					1		
8+76 LT TO 8+81 LT							2
9+32 LT TO 9+55 LT							6
NORTH LEG - CAMBRIA RD.							
PE 2+92 LT	18			2			4
PE 3+88 LT		25			2		4
SUB-TOTAL	18.00	25.00	150.00	2.00	4.00	1.00	15.56
TOTAL	18	25	150	2	4	1	16

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184000435-0014			
REVISIONS		© 2025 ALL RIGHTS RESERVED  410 NORTH COURT ST, MARION, ILLINOIS 62959 PHONE: 618-993-6411 WWW.HORNERSHIFRIN.COM PAVEMENT MARKING SCHEDULE CAMBRIA ROAD ROUNDABOUT WILLIAMSON COUNTY, IL	
DATE	NO.		
		Date <u>APRIL 2025</u>	DR. By <u>BLW</u> CK'D By <u>MKW</u>
		Scale <u>N.T.S.</u>	Job No. <u>21246CZ</u> Sheet No. <u>15</u> of <u>69</u>

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	16	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				

PAVEMENT MARKING SCHEDULE								
LOCATION STATION TO STATION	LENGTH	MODIFIED URETHANE PAVEMENT MARKING						REMARKS
		LINE 4"			LINE 12"	LINE 18"	LETTER & SYMBOLS	
		YELLOW		WHITE	YELLOW	WHITE	WHITE	
		DBL SOLID FOOT	SOLID FOOT	SOLID FOOT				
					FOOT	FOOT	SQ FT	
NORTH LEG								
2+00 TO 4+02		580						CENTERLINE TO SPLITTER ISLAND
2+00 RT TO 5+86 RT	386			423				RIGHT EDGE OF PAVEMENT
2+00 LT TO 5+86 LT	386			473				LEFT EDGE OF PAVEMENT
4+02 TO 5+72	170		344	34				SPLITTER ISLAND
3+49 TO 3+91	42				14			CENTERLINE
5+33 RT TO 5+96 RT	63				22			
5+78 RT						14		YIELD LINE
5+55 RT TO 5+70 RT							35	YIELD SYMBOL
WEST LEG								
2+17 TO 4+34		548						CENTERLINE TO SPLITTER ISLAND
2+17 RT TO 6+12 RT	395			462				RIGHT EDGE OF PAVEMENT
2+17 LT TO 6+15 LT	398			433				LEFT EDGE OF PAVEMENT
4+34 TO 5+96	162		326	39				SPLITTER ISLAND
3+81 TO 4+25	44				14			CENTERLINE
5+73 RT TO 6+12 RT	39				22			
6+02 RT						14		YIELD LINE
5+80 RT TO 5+92 RT							35	YIELD SYMBOL
SOUTH LEG								
9+03 TO 10+46		380						CENTERLINE TO SPLITTER ISLAND
6+90 RT TO 10+46 RT	356			397				RIGHT EDGE OF PAVEMENT
7+00 LT TO 10+46 LT	346			445				LEFT EDGE OF PAVEMENT
7+16 TO 9+03	187		376	35				SPLITTER ISLAND
9+11 TO 9+34	23				9			CENTERLINE
7+00 LT TO 7+56 LT	56				21			
7+11 LT						14		YIELD LINE
7+18 LT TO 7+33 LT							35	YIELD SYMBOL
EAST LEG								
9+91 TO 10+98		352						CENTERLINE TO SPLITTER ISLAND
7+19 RT TO 10+98 RT	379			423				RIGHT EDGE OF PAVEMENT
7+23 LT TO 10+98 LT	375			467				LEFT EDGE OF PAVEMENT
7+40 TO 9+23	183		379	34				SPLITTER ISLAND
10+01 TO 10+44	43				16			CENTERLINE
7+23 LT TO 7+87 LT	64				21			
7+35 LT						14		YIELD LINE
7+44 LT TO 7+56 LT							35	YIELD SYMBOL
9+62 TO 9+91	29		64					SPLITTER ISLAND
SUBTOTALS		1860.00	1489.00	3665.00	139.00	56.00	140.00	
TOTAL			7014		139	56	140	

RIGHT-OF-WAY MARKERS

LOCATION STATION & OFFSET	FURNISH AND ERECTING RIGHT OF WAY MARKERS
	EACH
CARDINAL ROAD	
STA 2+12.71 @ 25' RT	1
STA 5+36.98 @ 50.2' RT	1
STA 5+99.37 @ 73.27' LT	1
STA 7+43.05 @ 67.9' RT	1
STA 10+39.04 @ 58.77' RT	1
STA 11+45.83 @ 24.69' RT	1
CAMBRIA ROAD	
STA 2+52.71 @ 28.81' RT	1
STA 7+91.64 @ 64.0' LT	1
STA 8+42.81 @ 46.35' RT	1
STA 9+00.67 @ 43.61' RT	1
SUB-TOTAL	10
TOTALS	10

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184000435-0014			
REVISIONS		© 2025 ALL RIGHTS RESERVED  410 NORTH COURT ST, MARION, ILLINOIS 62959 PHONE: 618-993-6411 WWW.HORNERSHIFRIN.COM CURB & GUTTER SCHEDULE CAMBRIA ROAD ROUNDABOUT WILLIAMSON COUNTY, IL	
DATE	NO.		
	Date	APRIL 2025	DR. By BLW CK'D By MKW
	Scale	N.T.S.	Job No. 21246CZ Sheet No. 16 of 69

P:\21246 - Wison Co Cambria Roundabout\Drawings - Plans\16-25 Schedules.dwg 6-05-25 08:29:20 AM mtkumrney

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	17	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				

SIGNING SCHEDULE

LOCATION STATION TO STATION	SIGN PANEL TYPE 1												WOOD SIGN SUPPORT
	COMBINATION			COMBINATION		SPEED LIMIT	* COMBINATION		KEEP RIGHT	YIELD AHEAD	COMBINATION		
	STATE ROUTE SIGN	CARDINAL DIRECTION	DIRECTIONAL ARROW	ONE WAY	ROUND-ABOUT DIRECTIONAL		DO NOT ENTER	YIELD			ROUND-ABOUT CIRCULATION	ADVISORY SPEED	
	M1-5	M3-1,2,3,4	M6-2	R6-1r	R6-4		R2-1	R5-1			R1-2	R4-7	
	24" X 24"	24" X 12"	21" X 15"	36" X 12"	30" X 24"	24" X 30"	36" X 36"	36" X 36" X 36"	24" X 30"	36" X 36"	30" X 30"	24" X 24"	
SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	FOOT
ROUNDABOUT													
STA 100+03 RT	4	2	2.19										16.25
STA 100+13 RT							9						15.00
STA 100+37 LT				3	5								15.00
STA 100+38 RT							9	4.50					15.00
STA 100+60 RT						5							14.50
STA 100+83 RT	4	2	2.19										16.25
STA 100+93 RT							9						15.00
STA 101+17 RT							9	4.50					15.00
STA 101+18 LT				3	5								15.00
STA 101+46 RT						5							14.50
STA 101+69 RT	4	2	2.19										16.25
STA 101+82 RT							9						15.00
STA 102+07 RT							9	4.50					15.00
STA 102+08 LT				3	5								15.00
STA 102+35 RT						5							14.50
STA 102+60 RT	4	2	2.19										16.25
STA 102+70 RT							9						15.00
STA 102+95 RT							9	4.50					15.00
STA 102+96 LT				3	5								15.00
STA 103+23 RT						5							14.50
CAMBRIA ROAD													
SOUTH ROUNDABOUT APPROACH													
STA 40+01 RT											6.25	4.00	17.50
STA 41+50 RT										9.00			16.00
STA 41+60 LT									5.00				14.50
NORTH ROUNDABOUT APPROACH													
STA 80+03 RT											6.25	4.00	17.50
STA 82+12 RT										9.00			16.00
STA 82+20 LT									5.00				14.50
WEST GRAND AVE													
EAST ROUNDABOUT APPROACH													
STA 119+71 RT											6.25	4.00	17.50
STA 20+79 RT										9.00			16.00
STA 21+50 LT									5.00				14.50
CARDINAL ROAD													
WEST ROUNDABOUT APPROACH													
STA 60+01 RT											6.25	4.00	17.50
STA 62+22 RT										9.00			16.00
STA 62+30 LT									5.00				14.50
SUB-TOTAL	16.00	8.00	8.76	12.00	20.00	20.00	72.00	18.00	20.00	36.00	25.00	16.00	495.00
TOTAL	272												495

NOTES:
* 4 OF THE "DO NOT ENTER" SIGNS WILL BE MOUNTED ON THE BACK OF THE "YIELD" SIGNS. THE OTHER 4 WILL BE ON THEIR OWN SIGN POST

DETOUR ROUTE SIGN SCHEDULE

MUTCD SIGN ID NO.	DESCRIPTION	QUANTITY	SIGN SIZE	SIGN PANEL TYPE 1	SIGN PANEL TYPE 2
				SQ FT	SQ FT
W20-2	DETOUR AHEAD	6	48" X 48"		80
M4-9R	DETOUR	26	24" X 12"	52	
M1-I100	SOUTH CAMBRIA ROAD	12	24" X 24"	48	
M1-I100	NORTH CAMBRIA ROAD	12	24" X 24"	48	
M1-I100	GRAND AVENUE	18	24" X 24"	72	
M5-1R	7	2	21" X 15"	4.38	
M5-1L	2	3	21" X 15"	6.57	
M6-1	6 8 4A	4	21" X 15"	8.76	
M6-2	4	1	21" X 15"	2.19	
M6-1L	4B 5 5A	8	21" X 15"	17.52	
M6-3	3 3A 3B	8	21" X 15"	17.52	
SUB-TOTAL				276.94	80.00
TOTALS				277	80

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184000435-0014				
REVISIONS		© 2025 ALL RIGHTS RESERVED  410 NORTH COURT ST, MARION, ILLINOIS 62959 PHONE: 618-993-6411 WWW.HORNERSHIFRIN.COM DRAINAGE SCHEDULE CAMBRIA ROAD ROUNDABOUT WILLIAMSON COUNTY, IL		
DATE	NO.			
	Date	APRIL 2025	DR. By	BLW
			CK'D By	MKW
	Scale	N.T.S.	Job No.	21246CZ
			Sheet No.	17 of 69

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	18	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				

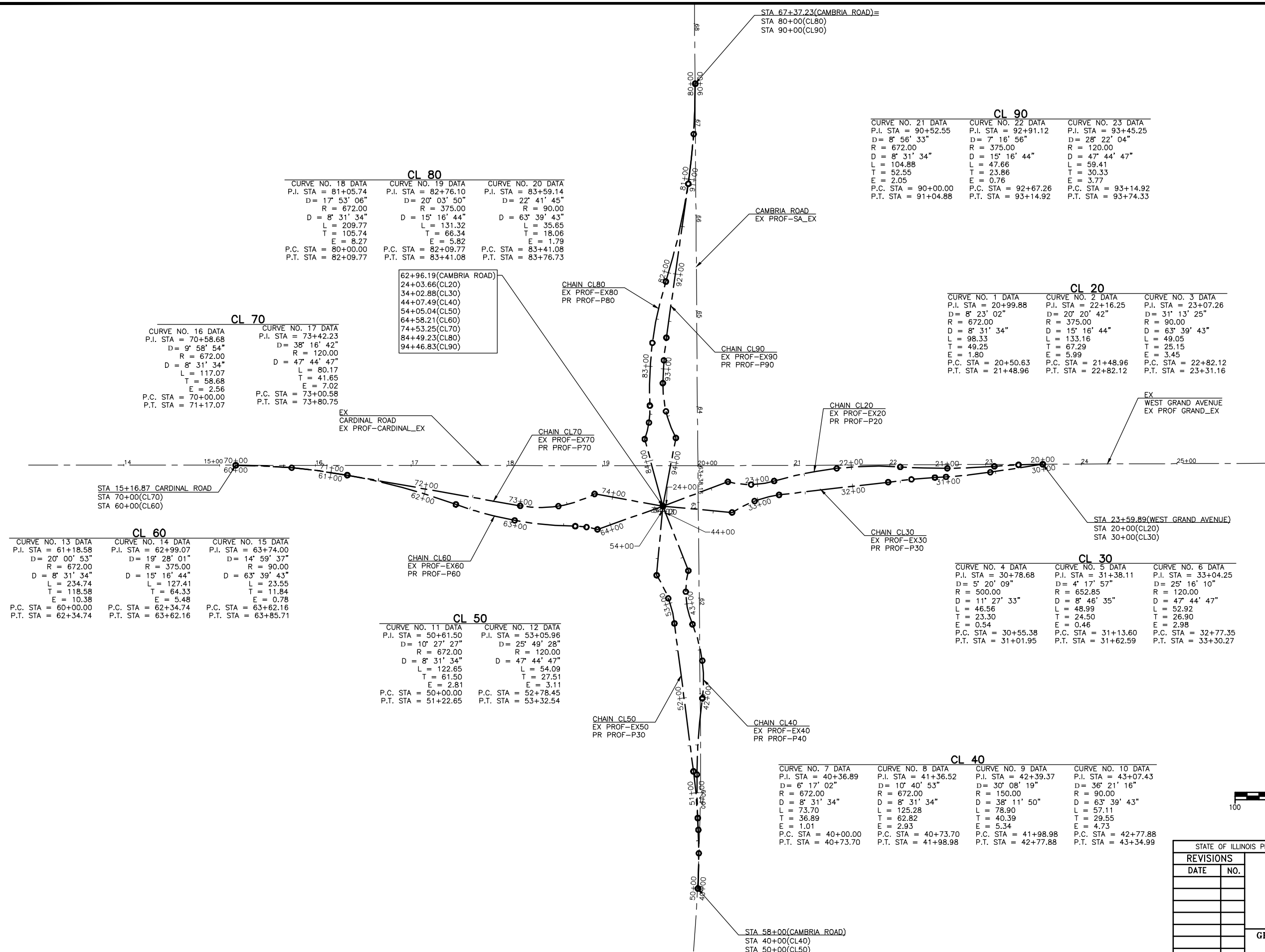
CL 90		
CURVE NO. 21 DATA	CURVE NO. 22 DATA	CURVE NO. 23 DATA
P.I. STA = 90+52.55	P.I. STA = 92+91.12	P.I. STA = 93+45.25
D = 8' 56" 33"	D = 7' 16" 56"	D = 28' 22" 04"
R = 672.00	R = 375.00	R = 120.00
D = 8' 31" 34"	D = 15' 16" 44"	D = 47' 44" 47"
L = 104.88	L = 47.66	L = 59.41
T = 52.55	T = 23.86	T = 30.33
E = 2.05	E = 0.76	E = 3.77
P.C. STA = 90+00.00	P.C. STA = 92+67.26	P.C. STA = 93+14.92
P.T. STA = 91+04.88	P.T. STA = 93+14.92	P.T. STA = 93+74.33

CL 20		
CURVE NO. 1 DATA	CURVE NO. 2 DATA	CURVE NO. 3 DATA
P.I. STA = 20+99.88	P.I. STA = 22+16.25	P.I. STA = 23+07.26
D = 8' 23' 02"	D = 20' 20' 42"	D = 31' 13' 25"
R = 672.00	R = 375.00	R = 90.00
D = 8' 31' 34"	D = 15' 16' 44"	D = 63' 39' 43"
L = 98.33	L = 133.16	L = 49.05
E = 49.25	T = 67.29	T = 25.15
E = 1.80	E = 5.99	E = 3.45
P.C. STA = 20+50.63	P.C. STA = 21+48.96	P.C. STA = 22+82.12
P.T. STA = 21+48.96	P.T. STA = 22+82.12	P.T. STA = 23+31.16

CL 30		
CURVE NO. 4 DATA	CURVE NO. 5 DATA	CURVE NO. 6 DATA
P.I. STA = 30+78.68	P.I. STA = 31+38.11	P.I. STA = 33+04.25
D = 5' 20" 09"	D = 4' 17" 57"	D = 25' 16' 10"
R = 500.00	R = 652.85	R = 120.00
D = 11' 27' 33"	D = 8' 46' 35"	D = 47' 44' 47"
L = 46.56	L = 48.99	L = 52.92
T = 23.30	T = 24.50	T = 26.90
E = 0.54	E = 0.46	E = 2.98
P.C. STA = 30+55.38	P.C. STA = 31+13.60	P.C. STA = 32+77.35
P.T. STA = 31+01.95	P.T. STA = 31+62.99	P.T. STA = 33+30.27

CL 40			
CURVE NO. 7 DATA	CURVE NO. 8 DATA	CURVE NO. 9 DATA	CURVE NO. 10 DATA
P.I. STA = 40+36.89	P.I. STA = 41+36.52	P.I. STA = 42+39.37	P.I. STA = 43+07.43
D = 6' 17" 02"	D = 10' 40" 53"	D = 30' 08" 19"	D = 36' 21" 16"
R = 672.00	R = 672.00	R = 150.00	R = 90.00
D = 8' 31' 34"	D = 8' 31' 34"	D = 38' 11' 50"	D = 63' 39' 43"
L = 73.70	L = 125.28	L = 78.90	L = 57.11
T = 36.89	T = 62.82	T = 40.39	T = 29.55
E = 1.01	E = 2.93	E = 5.34	E = 4.73
P.C. STA = 40+00.00	P.C. STA = 40+73.70	P.C. STA = 41+98.98	P.C. STA = 42+77.88
P.T. STA = 40+73.70	P.T. STA = 41+98.98	P.T. STA = 42+77.88	P.T. STA = 43+34.99

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184000435-0014			
REVISIONS		© 2025 ALL RIGHTS RESERVED	
DATE	NO.	 HORNERS SHIFRIN 410 NORTH COURT ST. MARION, ILLINOIS 62959 618-993-6411 FAX 618-993-6750 WWW.HORNERSHIFRIN.COM	
		GEOMETRIC ELEMENTS IDENTIFICATION SHEET CAMBRIA ROAD ROUNDABOUT WILLIAMSON COUNTY, IL	
Date	APRIL 2025	DR. By	PLD
Scale	1"=50'	Job No.	21246CZ
		Sheet No.	18 of 69
		CK'D By	JVZ



P:\21246 - Wson Co Cambria Roundabout\Drawings - Plans\26 Geopak Elements.dwg 6-03-25 03:52:35 PM blwhite

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	19	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				

CL 500		
CURVE NO. 21 DATA	CURVE NO. 23 DATA	CURVE NO. 22 DATA
P.I. STA = 507+43.75	P.I. STA = 503+99.89	P.I. STA = 504+62.47
D = 9° 58' 54"	D = 1° 10' 50"	D = 56° 29' 17"
D = 8.38	D = 73.93	D = 49.82
R = 684.00	R = 77.50	R = 115.00
L = 119.16	L = 1.60	L = 113.38
T = 59.73	T = 0.80	T = 61.78
E = 2.60	E = 0.00	E = 15.54
P.C. STA = 506+84.02	P.C. STA = 503+99.09	P.C. STA = 504+00.69
P.T. STA = 508+03.18	P.T. STA = 504+00.69	P.T. STA = 505+14.07

CURVE NO. 24 DATA	CURVE NO. 25 DATA	CURVE NO. 26 DATA
P.I. STA = 503+62.37	P.I. STA = 502+64.19	P.I. STA = 501+03.85
D = 44° 27' 33"	D = 17° 05' 48"	D = 17° 53' 04"
D = 57.30	D = 14.81	D = 8.68
R = 100.00	R = 387.00	R = 660.02
L = 77.60	L = 115.48	L = 206.02
T = 40.87	T = 58.17	T = 103.85
E = 8.03	E = 4.35	E = 8.12
P.C. STA = 503+21.50	P.C. STA = 502+06.02	P.C. STA = 500+00.00
P.T. STA = 503+99.09	P.T. STA = 503+21.50	P.T. STA = 502+06.02

CURVE NO. 27 DATA
P.I. STA = 506+39.17
D = 2° 17' 26"
D = 28.65
R = 200.00
L = 8.00
T = 4.00
E = 0.04
P.C. STA = 506+35.17
P.T. STA = 506+43.17

CL 400		
CURVE NO. 14 DATA	CURVE NO. 15 DATA	CURVE NO. 16 DATA
P.I. STA = 407+07.79	P.I. STA = 404+62.13	P.I. STA = 404+11.28
D = 10° 27' 27"	D = 45° 09' 49"	D = 4° 27' 48"
D = 8.68	D = 49.82	D = 73.93
R = 660.00	R = 115.00	R = 77.50
L = 120.46	L = 90.65	L = 6.04
T = 60.40	T = 47.83	T = 3.02
E = 2.76	E = 9.55	E = 0.06
P.C. STA = 406+47.39	P.C. STA = 404+14.30	P.C. STA = 404+08.26
P.T. STA = 407+67.85	P.T. STA = 405+04.95	P.T. STA = 404+14.30

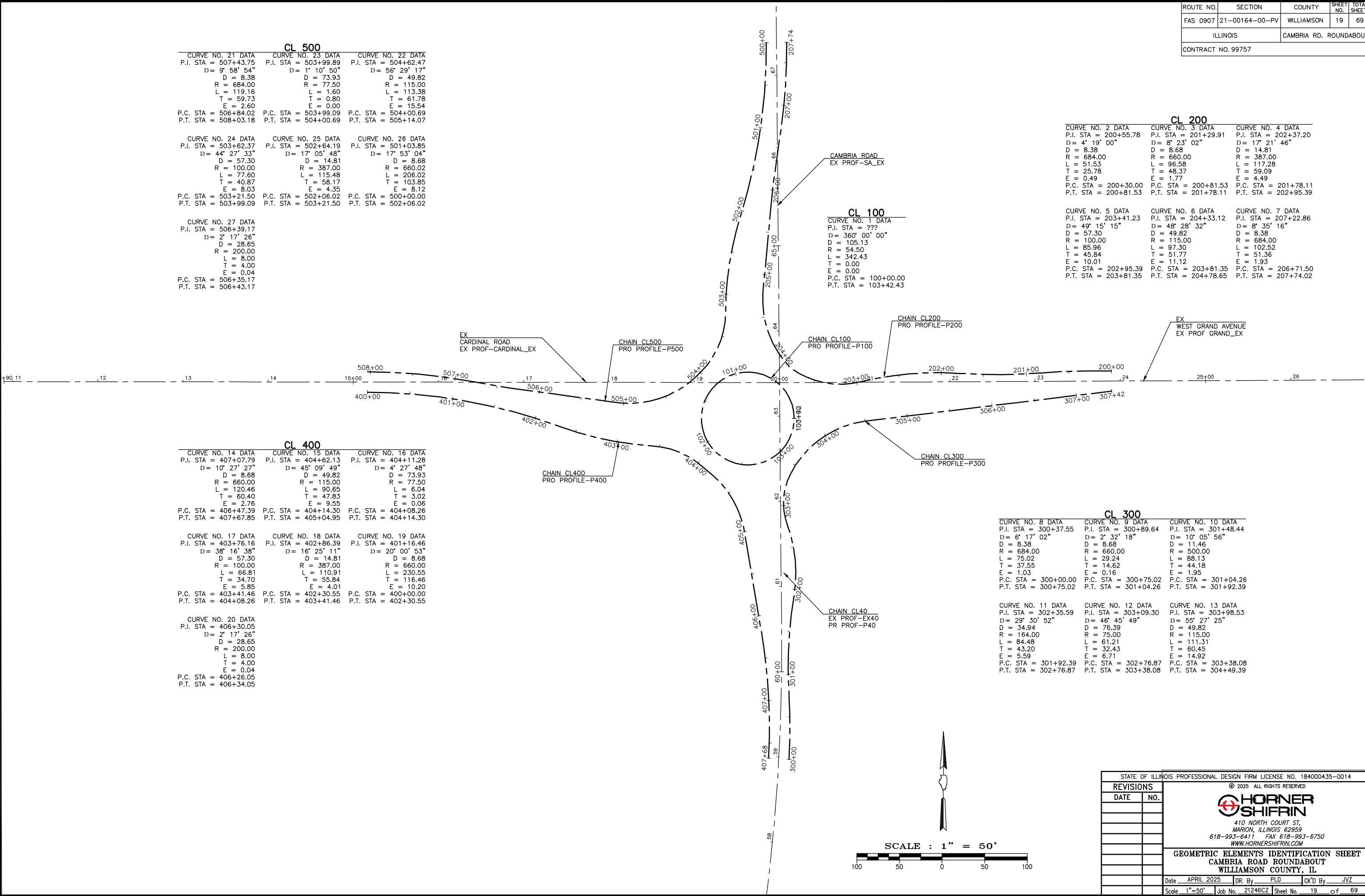
CURVE NO. 17 DATA	CURVE NO. 18 DATA	CURVE NO. 19 DATA
P.I. STA = 403+76.16	P.I. STA = 402+86.39	P.I. STA = 401+16.46
D = 38° 16' 38"	D = 16° 25' 11"	D = 20° 00' 53"
D = 57.30	D = 14.81	D = 8.68
R = 100.00	R = 387.00	R = 660.00
L = 66.81	L = 110.91	L = 230.55
T = 34.70	T = 55.84	T = 116.46
E = 5.85	E = 4.01	E = 10.20
P.C. STA = 403+41.46	P.C. STA = 402+30.55	P.C. STA = 400+00.00
P.T. STA = 404+08.26	P.T. STA = 403+41.46	P.T. STA = 402+30.55

CURVE NO. 20 DATA
P.I. STA = 406+30.05
D = 2° 17' 26"
D = 28.65
R = 200.00
L = 8.00
T = 4.00
E = 0.04
P.C. STA = 406+26.05
P.T. STA = 406+34.05

CL 200		
CURVE NO. 2 DATA	CURVE NO. 3 DATA	CURVE NO. 4 DATA
P.I. STA = 200+55.78	P.I. STA = 201+29.91	P.I. STA = 202+37.20
D = 4° 19' 00"	D = 8° 23' 02"	D = 17° 21' 46"
D = 8.38	D = 8.68	D = 14.81
R = 684.00	R = 660.00	R = 387.00
L = 51.53	L = 96.58	L = 117.28
T = 25.78	T = 48.37	T = 59.09
E = 0.49	E = 1.77	E = 4.49
P.C. STA = 200+30.00	P.C. STA = 200+81.53	P.C. STA = 201+78.11
P.T. STA = 200+81.53	P.T. STA = 201+78.11	P.T. STA = 202+95.39

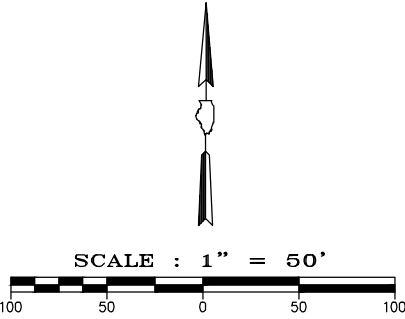
CURVE NO. 5 DATA	CURVE NO. 6 DATA	CURVE NO. 7 DATA
P.I. STA = 203+41.23	P.I. STA = 204+33.12	P.I. STA = 207+22.86
D = 49° 15' 15"	D = 48° 28' 32"	D = 8° 35' 16"
D = 57.30	D = 49.82	D = 8.38
R = 100.00	R = 115.00	R = 684.00
L = 85.96	L = 97.30	L = 102.52
T = 45.84	T = 51.77	T = 51.36
E = 10.01	E = 11.12	E = 1.93
P.C. STA = 202+95.39	P.C. STA = 203+81.35	P.C. STA = 206+71.50
P.T. STA = 203+81.35	P.T. STA = 204+78.65	P.T. STA = 207+74.02

CL 100	
CURVE NO. 1 DATA	
P.I. STA = ???	
D = 360° 00' 00"	
D = 105.13	
R = 54.50	
L = 342.43	
T = 0.00	
E = 0.00	
P.C. STA = 100+00.00	
P.T. STA = 103+42.43	



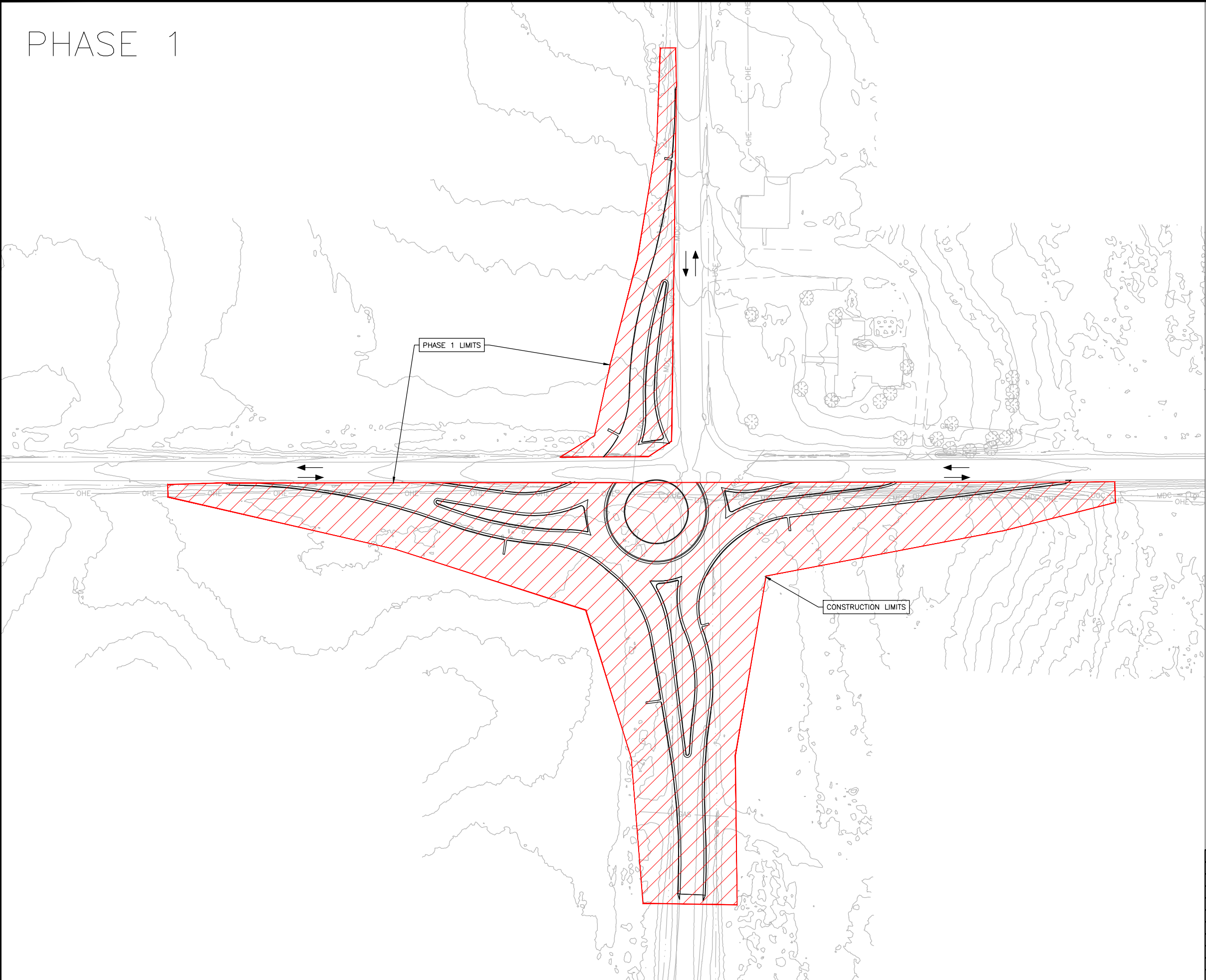
CL 300		
CURVE NO. 8 DATA	CURVE NO. 9 DATA	CURVE NO. 10 DATA
P.I. STA = 300+37.55	P.I. STA = 300+89.64	P.I. STA = 301+48.44
D = 6° 17' 02"	D = 2° 32' 18"	D = 10° 05' 56"
D = 8.38	D = 8.68	D = 11.46
R = 684.00	R = 660.00	R = 500.00
L = 75.02	L = 29.24	L = 88.13
T = 37.55	T = 14.62	T = 44.18
E = 1.03	E = 0.16	E = 1.95
P.C. STA = 300+00.00	P.C. STA = 300+75.02	P.C. STA = 301+04.26
P.T. STA = 300+75.02	P.T. STA = 301+04.26	P.T. STA = 301+92.39

CURVE NO. 11 DATA	CURVE NO. 12 DATA	CURVE NO. 13 DATA
P.I. STA = 302+35.59	P.I. STA = 303+09.30	P.I. STA = 303+98.53
D = 29° 30' 52"	D = 46° 45' 49"	D = 55° 27' 25"
D = 34.94	D = 76.39	D = 49.82
R = 164.00	R = 75.00	R = 115.00
L = 84.48	L = 61.21	L = 111.31
T = 43.20	T = 32.43	T = 60.45
E = 5.59	E = 6.71	E = 14.92
P.C. STA = 301+92.39	P.C. STA = 302+76.87	P.C. STA = 303+38.08
P.T. STA = 302+76.87	P.T. STA = 303+38.08	P.T. STA = 304+49.39

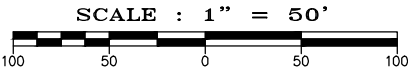


STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184000435-0014	
REVISIONS	
DATE	NO.
© 2025 ALL RIGHTS RESERVED	
	
410 NORTH COURT ST. MARION, ILLINOIS 62959 618-993-6411 FAX 618-993-6750 WWW.HORNERSHIFFRIN.COM	
GEOMETRIC ELEMENTS IDENTIFICATION SHEET CAMBRIA ROAD ROUNDABOUT WILLIAMSON COUNTY, IL	
Date APRIL 2025	DR. By PLD CK'D By JVZ
Scale 1"=50'	Job No. 21246CZ Sheet No. 19 of 69

PHASE 1



ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILKINSON	21	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				



PHASE 1 CLOSURE: CAMBRIA ROAD

PHASE 1 WORKING DAYS: 65
CALENDAR DAYS: 90

TOTAL WORKING DAYS: 116
TOTAL CALENDAR DAYS: 180

NOTES:

PRIOR TO INSTALLING POST MOUNTED SIGNS, THE CONTRACTOR SHALL CONTACT J.U.L.I.E.

CAMBRIA ROAD AND PORTIONS OF ROUTE 13 WILL BE CLOSED DUE TO ADJACENT IDOT PROJECT. ALTERNATE HAUL ROUTES MAY BE REQUIRED.

STAGE I INCLUDES ALL WORK PERFORMED WITHIN THE CONSTRUCTION LIMITS. THIS INCLUDES BUT NOT LIMITED TO, PAVEMENT REMOVAL, EARTH EXCAVATION, AGGREGATE SUBBASE, PORTLAND CEMENT CONCRETE PAVEMENT, CURB & GUTTER CONSTRUCTION, ELECTRICAL, AND DITCH GRADING.

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-000435

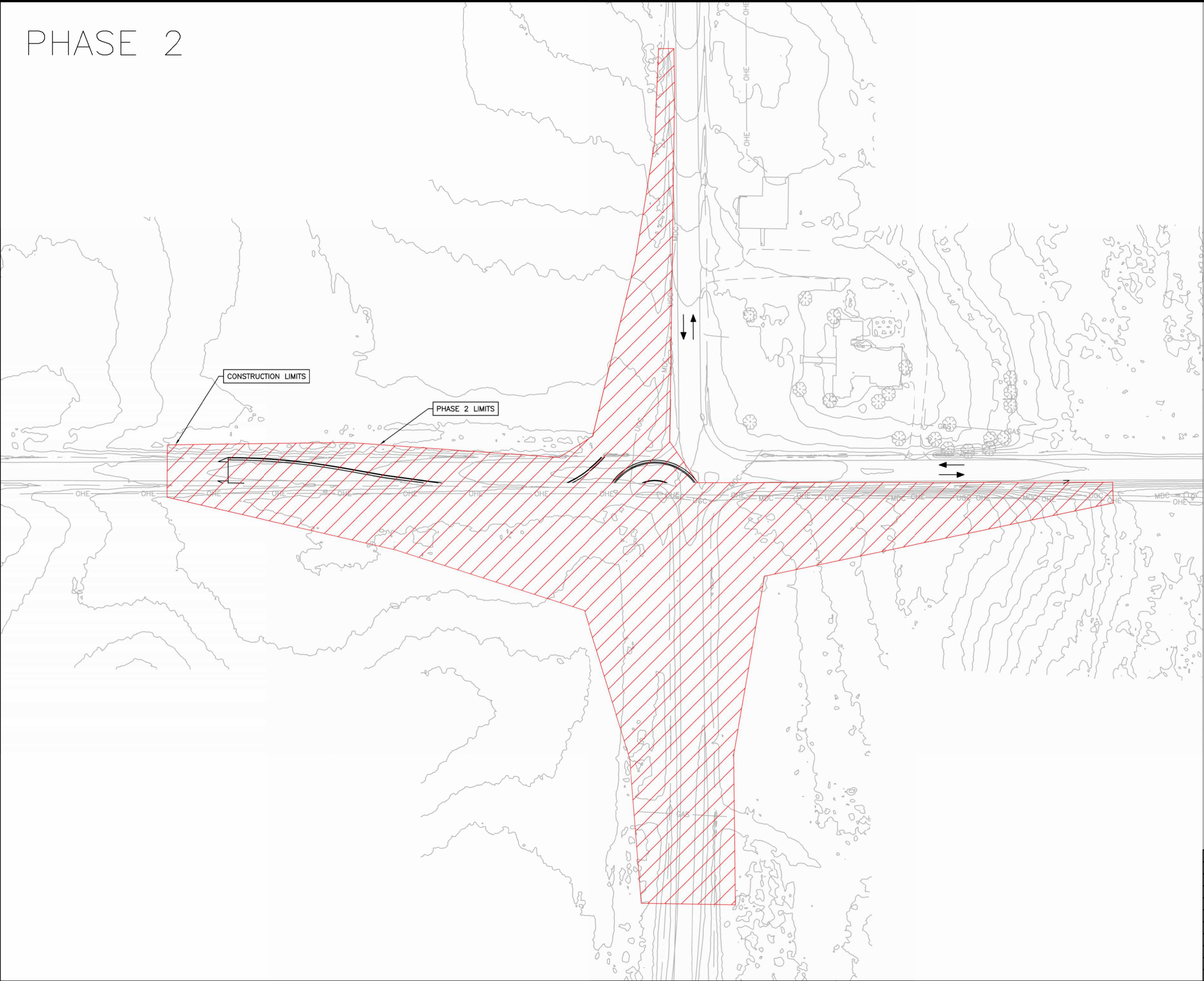
REVISIONS	
DATE	NO.

410 NORTH COURT ST.
MARION, ILLINOIS 62959
618-993-6411 FAX 618-993-6750
WWW.HORNERSHIFRIN.COM

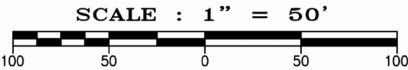
SAFETY AND PHASING - PHASE 1
CAMBRIA ROAD ROUNDABOUT
WILLIAMSON COUNTY, IL

Date	APRIL 2025	DR. By	BLW	CK'D By	MKW
Scale	1"=50'	Job No.	21246CZ	Sheet No.	21 of 69

PHASE 2



ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILSON	22	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				



NOTES:
PRIOR TO INSTALLING POST MOUNTED SIGNS, THE CONTRACTOR SHALL CONTACT J.U.L.I.E.

CAMBRIA ROAD AND PORTIONS OF ROUTE 13 WILL BE CLOSED DUE TO ADJACENT IDOT PROJECT. ALTERNATE HAUL ROUTES MAY BE REQUIRED.

A TRUCK DETOUR IS REQUIRED DURING STAGE II CONSTRUCTION.

TRAFFIC CONTROL WILL BE REQUIRED DURING STAGE II

STAGE 2 INCLUDES ALL WORK PERFORMED WITHIN THE CLOSURE LIMITS OF CARDINAL ROAD, THIS INCLUDES BUT NOT LIMITED TO, PAVEMENT REMOVAL, EARTH EXCAVATION, AGGREGATE SUBBASE, PORTLAND CEMENT CONCRETE PAVEMENT, CURB & GUTTER CONSTRUCTION, ELECTRICAL, AND DITCH GRADING.

INTERSECTION RENTAL WILL BE ACCESSED PER PROVISION INCLUDED IN CONTRACT SPECIFICATIONS.

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-000435

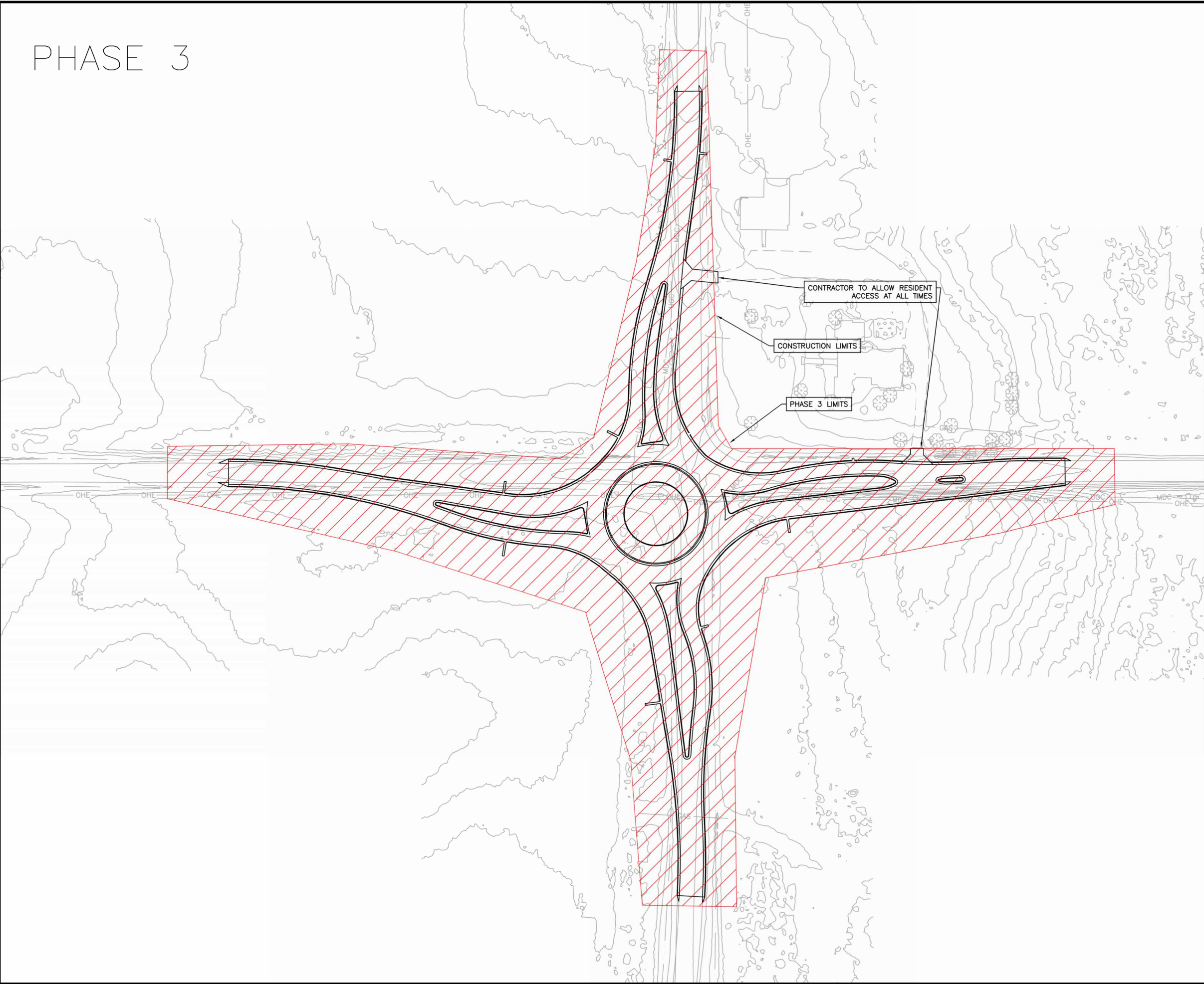
REVISIONS	
DATE	NO.

HORNER SHIFRIN
410 NORTH COURT ST.
MARION, ILLINOIS 62959
618-993-6411 FAX 618-993-6750
WWW.HORNERSHIFRIN.COM

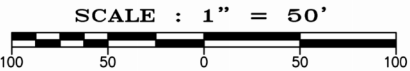
SAFETY AND PHASING - PHASE 2
CAMBRIA ROAD ROUNDABOUT
WILLIAMSON COUNTY, IL

Date	APRIL 2025	DR. By	BLW	CK'D By	MKW
Scale	1"=50'	Job No.	21246CZ	Sheet No.	22 of 69

PHASE 3



ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILKINSON	23	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				



NOTES:

PRIOR TO INSTALLING POST MOUNTED SIGNS, THE CONTRACTOR SHALL CONTACT J.U.L.I.E.

CAMBRIA ROAD AND PORTIONS OF ROUTE 13 WILL BE CLOSED DUE TO ADJACENT IDOT PROJECT. ALTERNATE HAUL ROUTES MAY BE REQUIRED.

FOR THE RESIDENT ON THE NORTHEAST CORNER OF THE INTERSECTION, THERE ARE TWO (2) PRIVATE DRIVES, ONE (1) MUST ALLOW ACCESS AT ALL TIMES.

A TRUCK DETOUR IS REQUIRED DURING STAGE III CONSTRUCTION.

TRAFFIC CONTROL WILL BE REQUIRED DURING STAGE III

STAGE 3 INCLUDES ALL WORK PERFORMED WITHIN THE CLOSURE LIMITS OF CARDINAL ROAD, THIS INCLUDES BUT NOT LIMITED TO, PAVEMENT REMOVAL, EARTH EXCAVATION, AGGREGATE SUBBASE, PORTLAND CEMENT CONCRETE PAVEMENT, CURB & GUTTER CONSTRUCTION, DITCH GRADING, ELECTRICAL, SEEDING, AND PAVEMENT MARKINGS.

INTERSECTION RENTAL WILL BE ACCESSED PER PROVISION INCLUDED IN CONTRACT SPECIFICATIONS.

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-000435

REVISIONS	
DATE	NO.

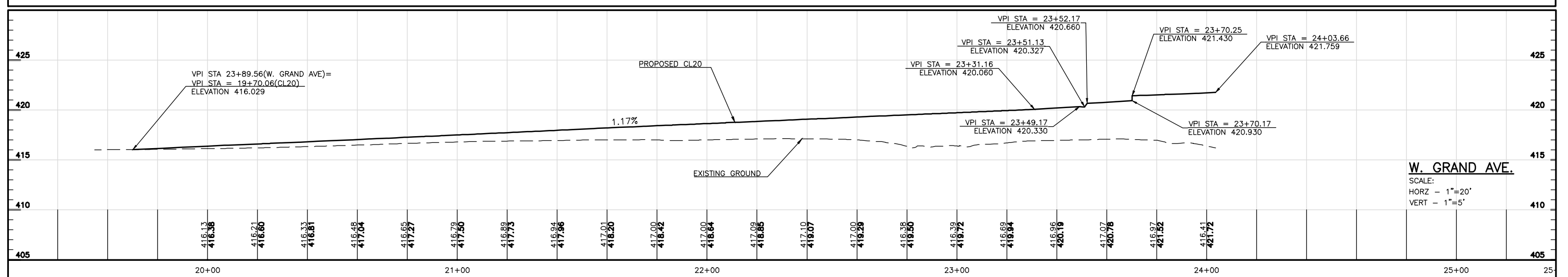
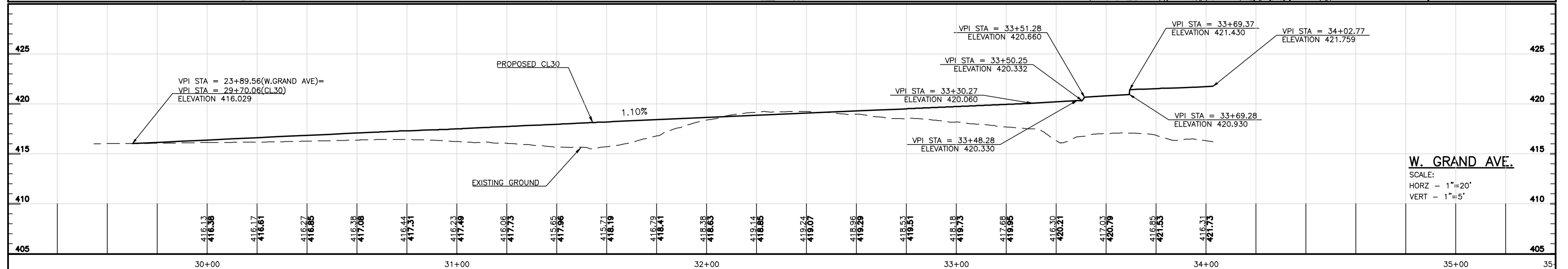
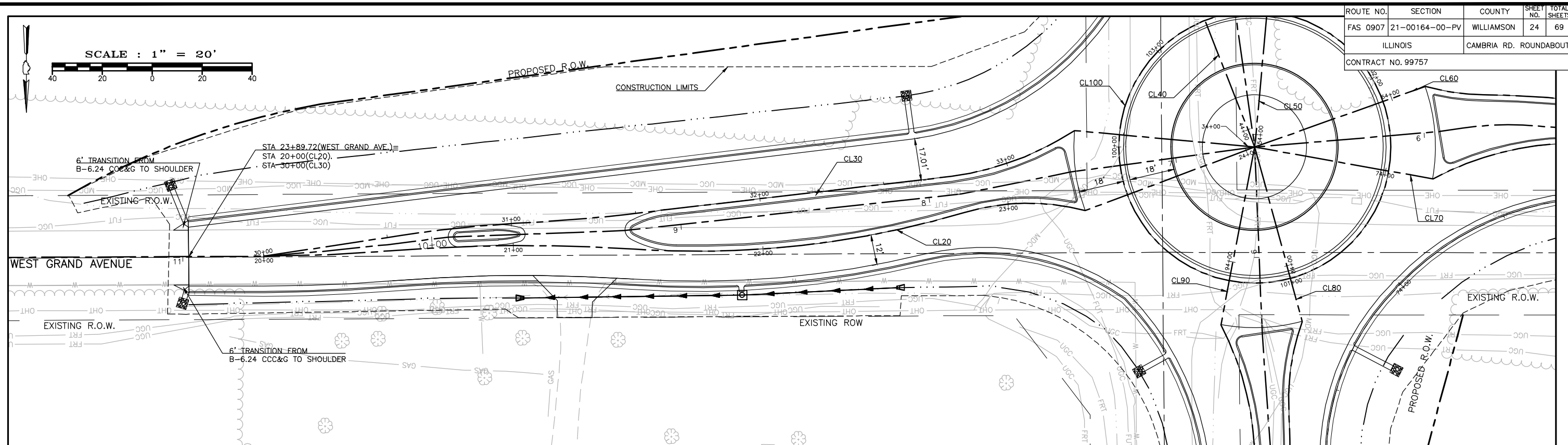


410 NORTH COURT ST.
MARION, ILLINOIS 62959
618-993-6411 FAX 618-993-6750
WWW.HORNERSHIFRIN.COM

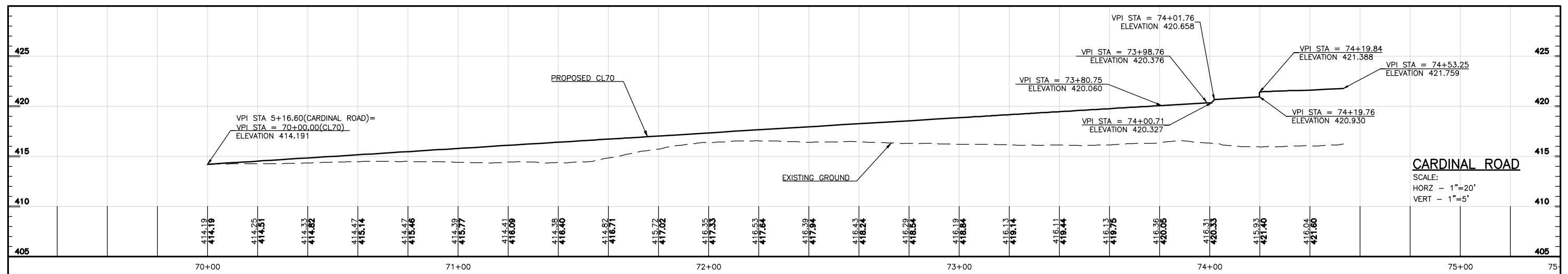
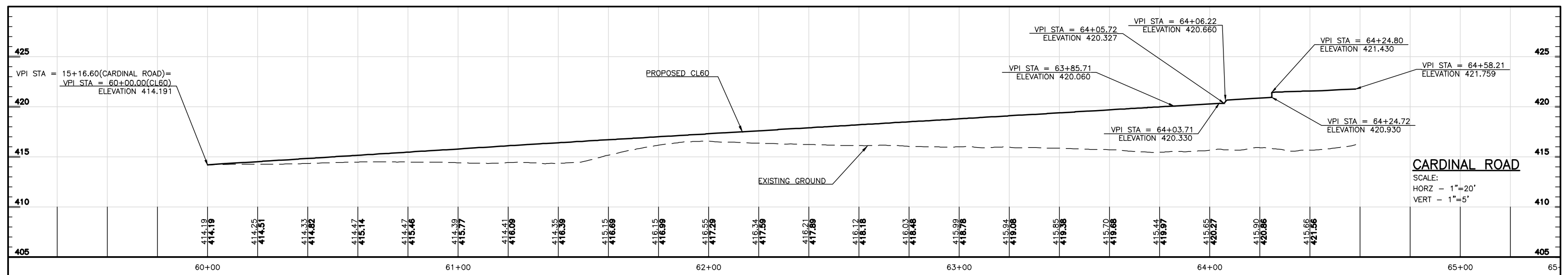
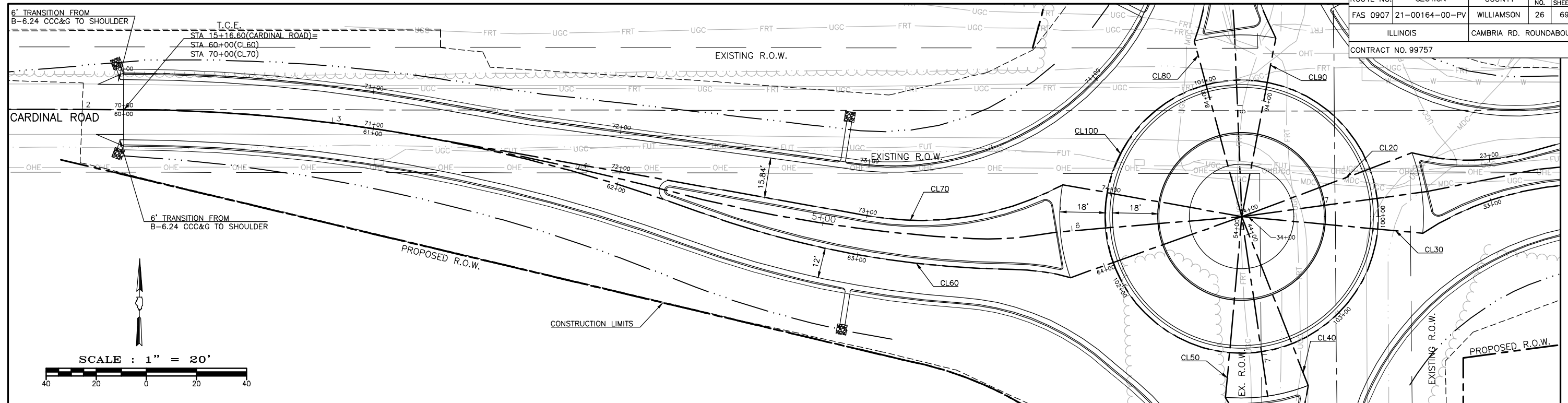
SAFETY AND PHASING - PHASE 3
CAMBRIA ROUNDABOUT
WILLIAMSON COUNTY, IL

Date	APRIL 2025	DR. By	BLW	CK'D By	MKW
Scale	1"=50'	Job No.	21246CZ	Sheet No.	23 of 69

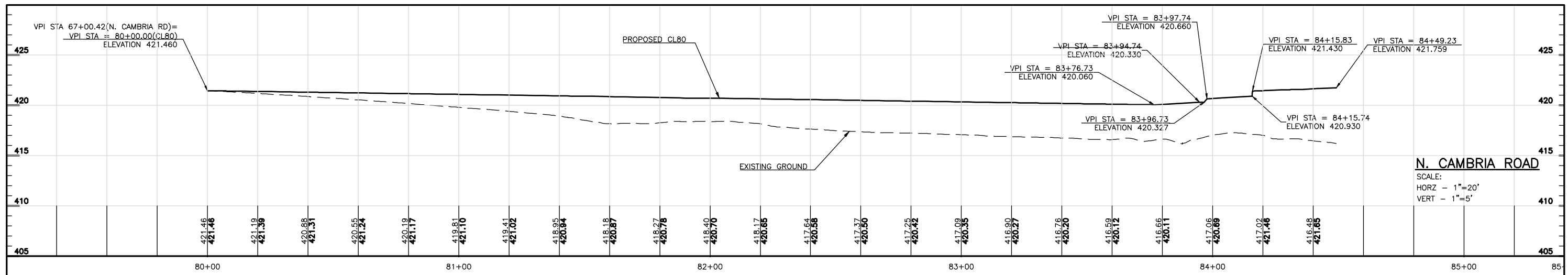
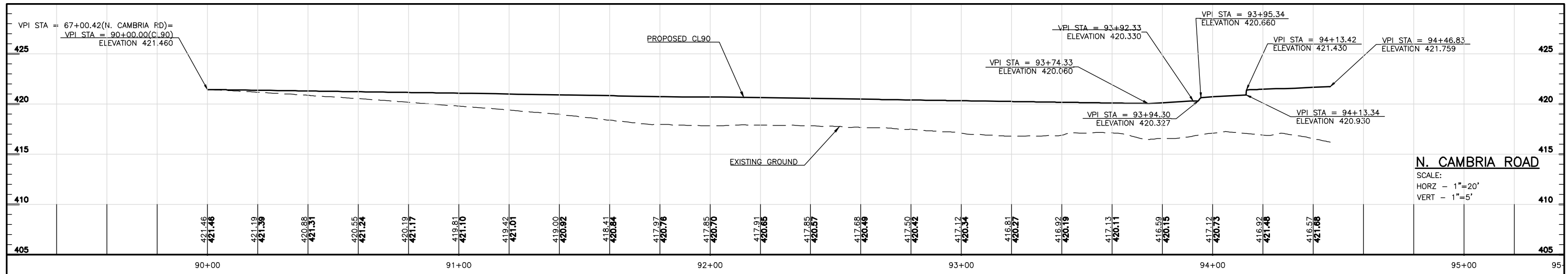
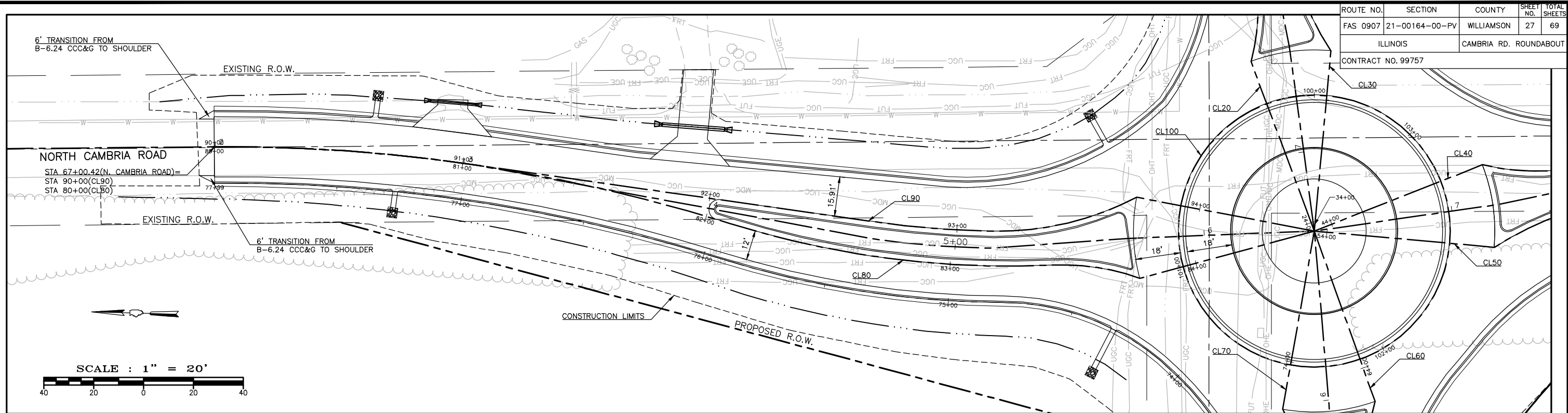
ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	24	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				



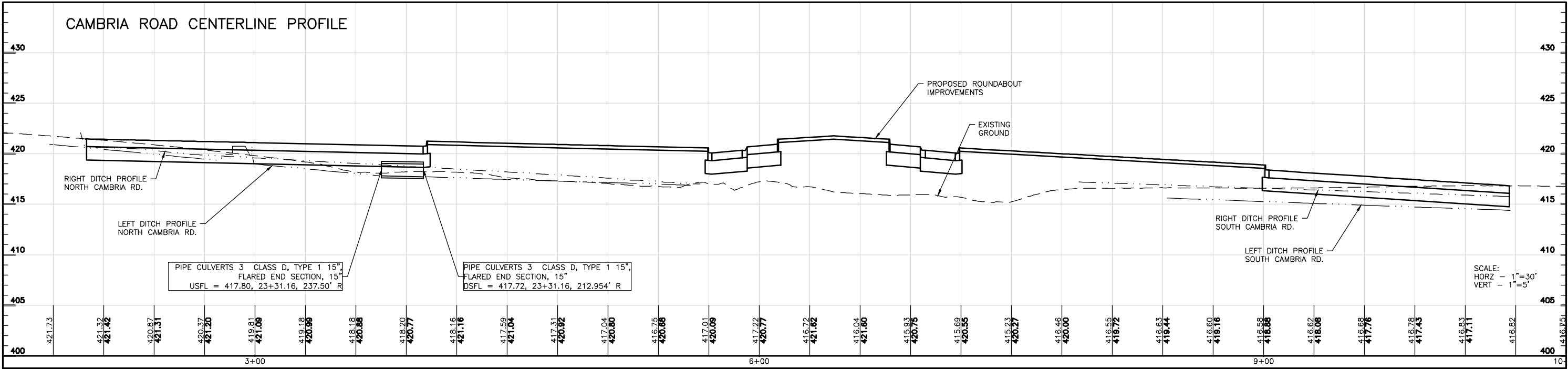
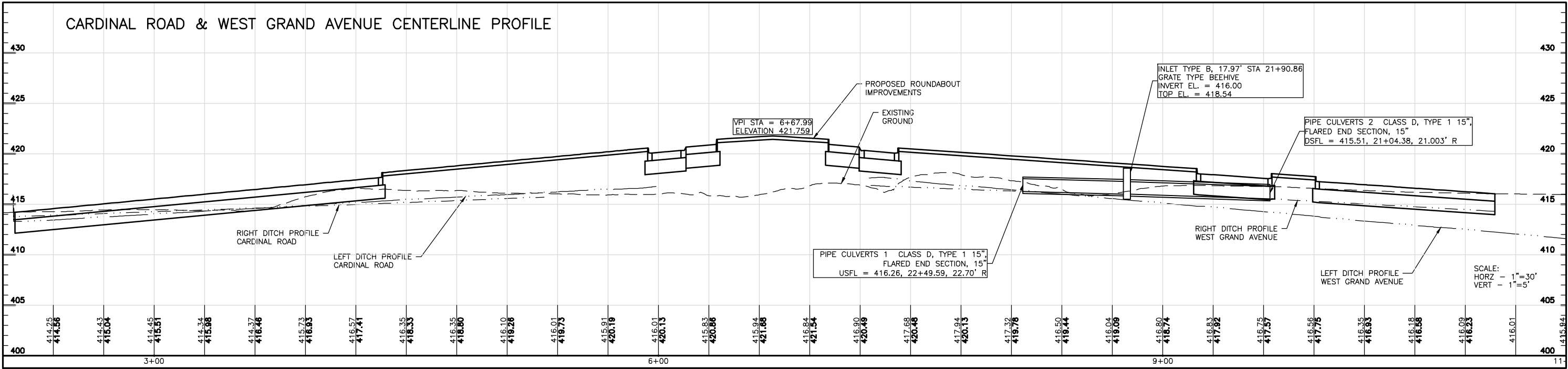
ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21--00164--00--PV	WILLIAMSON	26	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				



P:\21246 - Wason Co Cambria Roundabout\Drawings - Plans\28-31 Plan & Profiles.dwg 6-04-25 07:51:33 AM bwhite

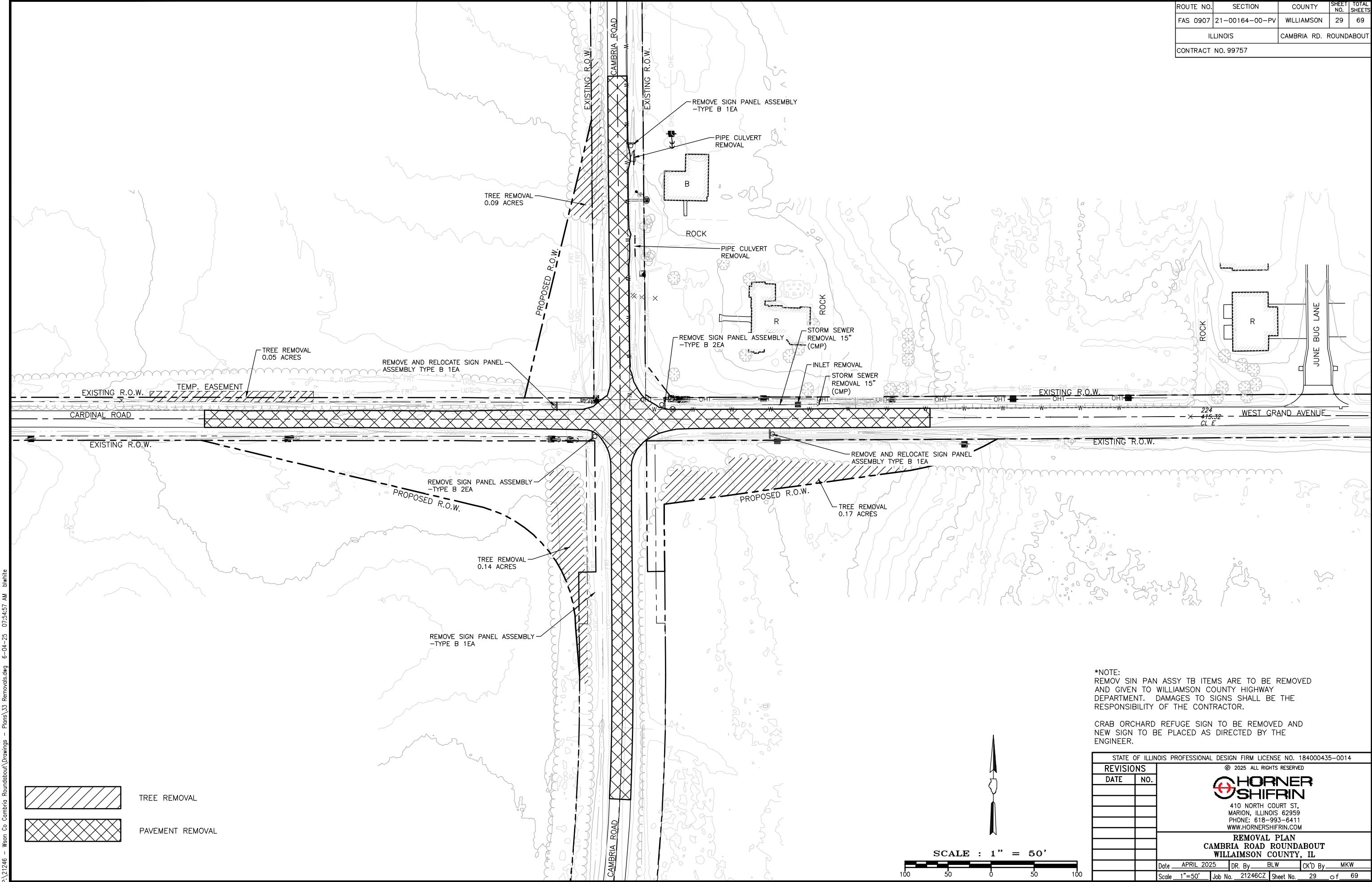


ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	28	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				



P:\21246 - Wison Co Cambria Roundabout\Drawings - Plans\32 Ditch Profiles.dwg 6-04-25 07:54:21 AM bwhite

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	29	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				

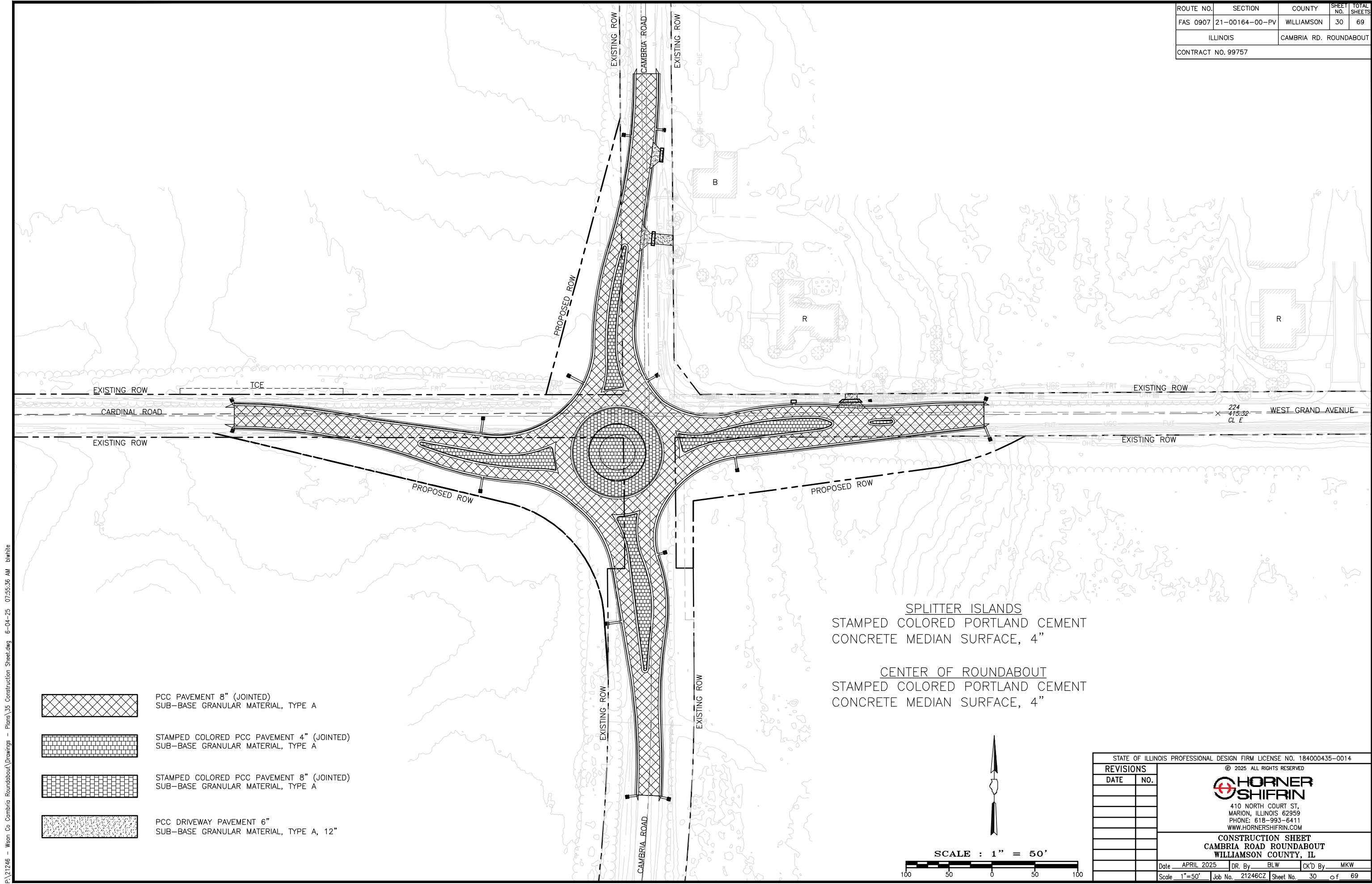


*NOTE:
REMOV SIN PAN ASSY TB ITEMS ARE TO BE REMOVED
AND GIVEN TO WILLIAMSON COUNTY HIGHWAY
DEPARTMENT. DAMAGES TO SIGNS SHALL BE THE
RESPONSIBILITY OF THE CONTRACTOR.

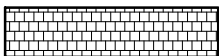
CRAB ORCHARD REFUGE SIGN TO BE REMOVED AND
NEW SIGN TO BE PLACED AS DIRECTED BY THE
ENGINEER.

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184000435-0014			
© 2025 ALL RIGHTS RESERVED			
REVISIONS		 HORNER SHIFRIN 410 NORTH COURT ST, MARION, ILLINOIS 62959 PHONE: 618-993-6411 WWW.HORNERSHIFRIN.COM	
DATE	NO.		
REMOVAL PLAN CAMBRIA ROAD ROUNDABOUT WILLIAMSON COUNTY, IL		Date APRIL 2025 DR. By BLW CK'D By MKW	
Scale 1"=50'		Job No. 21246CZ Sheet No. 29 of 69	

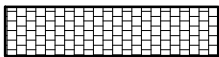
ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	30	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				



PCC PAVEMENT 8" (JOINTED)
SUB-BASE GRANULAR MATERIAL, TYPE A



STAMPED COLORED PCC PAVEMENT 4" (JOINTED)
SUB-BASE GRANULAR MATERIAL, TYPE A



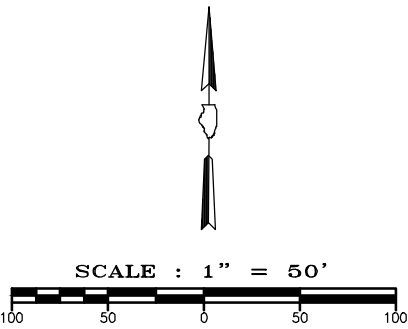
STAMPED COLORED PCC PAVEMENT 8" (JOINTED)
SUB-BASE GRANULAR MATERIAL, TYPE A



PCC DRIVEWAY PAVEMENT 6"
SUB-BASE GRANULAR MATERIAL, TYPE A, 12"

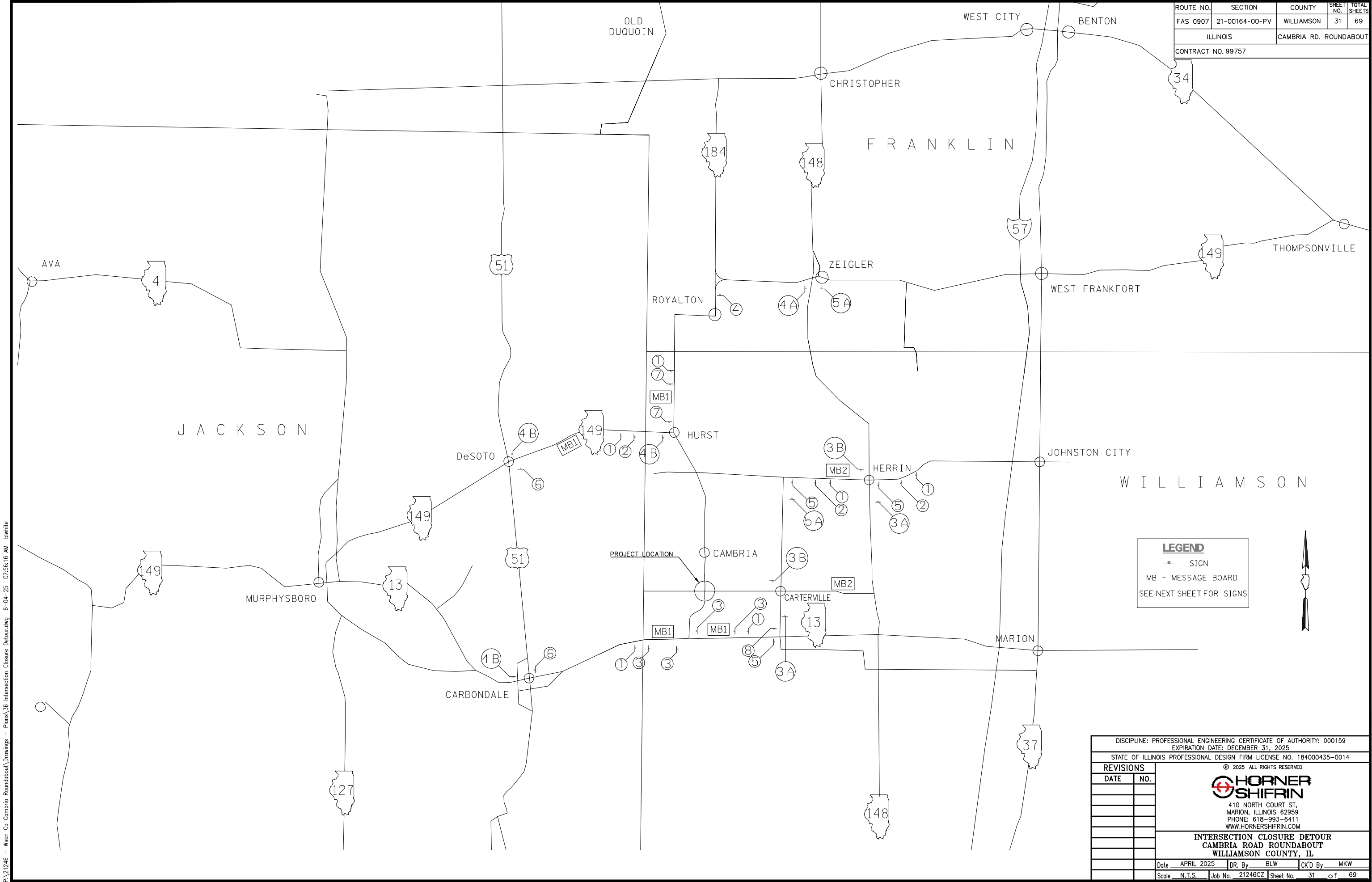
SPLITTER ISLANDS
STAMPED COLORED PORTLAND CEMENT
CONCRETE MEDIAN SURFACE, 4"

CENTER OF ROUNDABOUT
STAMPED COLORED PORTLAND CEMENT
CONCRETE MEDIAN SURFACE, 4"



STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184000435-0014			
REVISIONS		© 2025 ALL RIGHTS RESERVED  410 NORTH COURT ST, MARION, ILLINOIS 62959 PHONE: 618-993-6411 WWW.HORNERSHIFRIN.COM	
DATE	NO.		
CONSTRUCTION SHEET CAMBRIA ROAD ROUNDABOUT WILLIAMSON COUNTY, IL			
Date	APRIL 2025	DR. By	BLW
CK'D By	MKW		
Scale	1"=50'	Job No.	21246CZ
Sheet No.	30	of	69

P:\21246 - Wsn Co Cambria Roundabout\Drawings - Plans\36 Intersection Closure Detour.dwg 6-04-25 07:56:16 AM bwhite



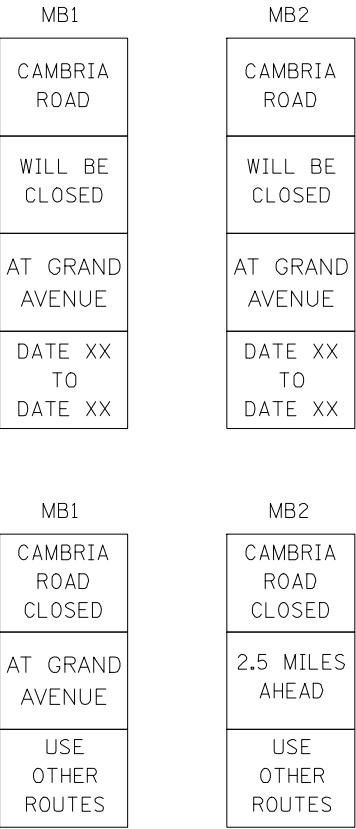
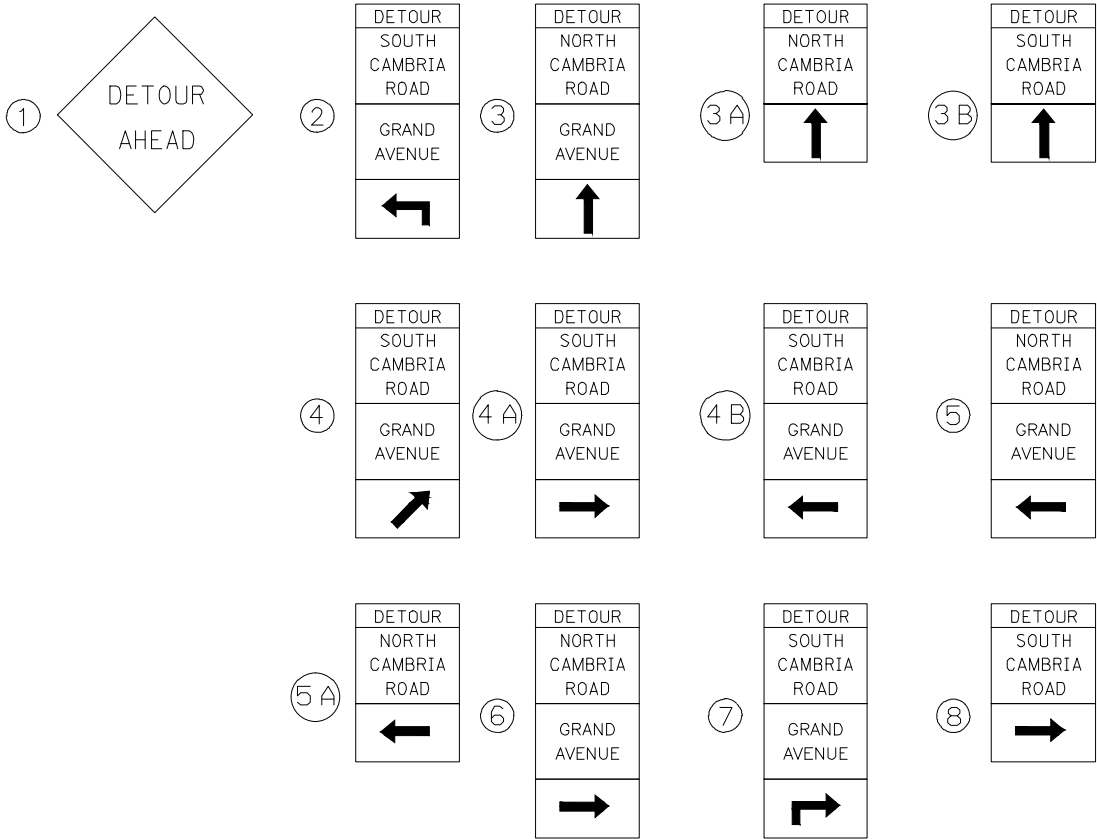
ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	31	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				

DISCIPLINE: PROFESSIONAL ENGINEERING CERTIFICATE OF AUTHORITY: 000159				
EXPIRATION DATE: DECEMBER 31, 2025				
STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184000435-0014				
© 2025 ALL RIGHTS RESERVED				
REVISIONS		 410 NORTH COURT ST, MARION, ILLINOIS 62959 PHONE: 618-993-6411 WWW.HORNERSHIFRIN.COM		
DATE	NO.			
INTERSECTION CLOSURE DETOUR CAMBRIA ROAD ROUNDABOUT WILLIAMSON COUNTY, IL		Date APRIL 2025 DR. By BLW CK'D By MKW		
Scale N.T.S.		Job No. 21246CZ Sheet No. 31 of 69		

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	32	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				

SIGNING

MESSAGE BOARD



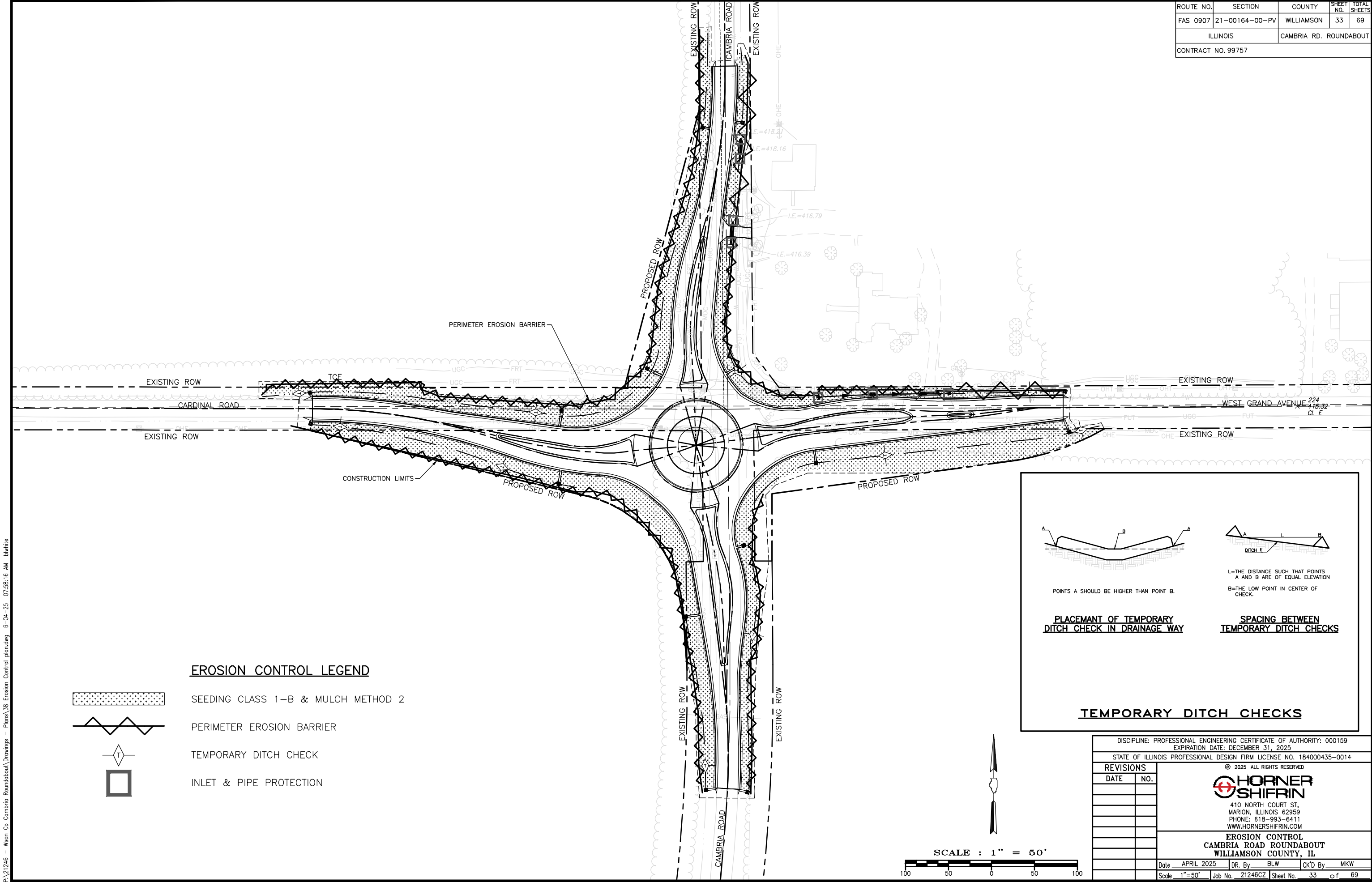
2 WEEKS PRIOR

AFTER JOB STARTS

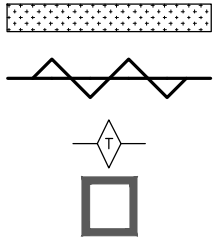
DISCIPLINE: PROFESSIONAL ENGINEERING CERTIFICATE OF AUTHORITY: 000159 EXPIRATION DATE: DECEMBER 31, 2025			
STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184000435-0014			
REVISIONS		© 2025 ALL RIGHTS RESERVED  410 NORTH COURT ST, MARION, ILLINOIS 62959 PHONE: 618-993-6411 WWW.HORNERSHIFRIN.COM INTERSECTION CLOSURE DETOUR (SIGNS) CAMBRIA ROAD ROUNDABOUT WILLIAMSON COUNTY, IL	
DATE	NO.		
Date	APRIL 2025	DR. By	BLW
		CK'D By	MKW
Scale	N.T.S.	Job No.	21246CZ
		Sheet No.	32 of 69

P:\21246 - Wson Co Cambria Roundabout\Drawings - Plans\38 Erosion Control plan.dwg 6-04-25 07:58:16 AM bwhite

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	33	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				



EROSION CONTROL LEGEND



- SEEDING CLASS 1-B & MULCH METHOD 2
- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- INLET & PIPE PROTECTION

POINTS A SHOULD BE HIGHER THAN POINT B.

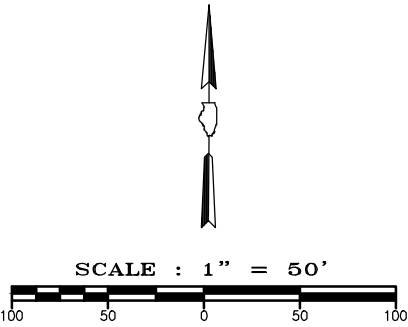
PLACEMENT OF TEMPORARY DITCH CHECK IN DRAINAGE WAY

L=THE DISTANCE SUCH THAT POINTS A AND B ARE OF EQUAL ELEVATION

B=THE LOW POINT IN CENTER OF CHECK.

SPACING BETWEEN TEMPORARY DITCH CHECKS

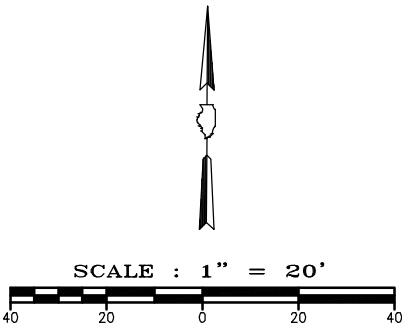
TEMPORARY DITCH CHECKS



DISCIPLINE: PROFESSIONAL ENGINEERING CERTIFICATE OF AUTHORITY: 000159						
EXPIRATION DATE: DECEMBER 31, 2025						
STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184000435-0014						
REVISIONS		© 2025 ALL RIGHTS RESERVED  HORNER SHIFRIN 410 NORTH COURT ST, MARION, ILLINOIS 62959 PHONE: 618-993-6411 WWW.HORNERSHIFRIN.COM				
DATE	NO.					
		EROSION CONTROL CAMBRIA ROAD ROUNDABOUT WILLIAMSON COUNTY, IL				
	Date	APRIL 2025	DR. By	BLW	CK'D By	MKW
	Scale	1"=50'	Job No.	21246CZ	Sheet No.	33 of 69

P:\21246 - Wason Co Cambria Roundabout\Drawings - Plans\38 Drainage Plan.dwg 6-05-25 09:03:55 AM mtkrumrey

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	34	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				



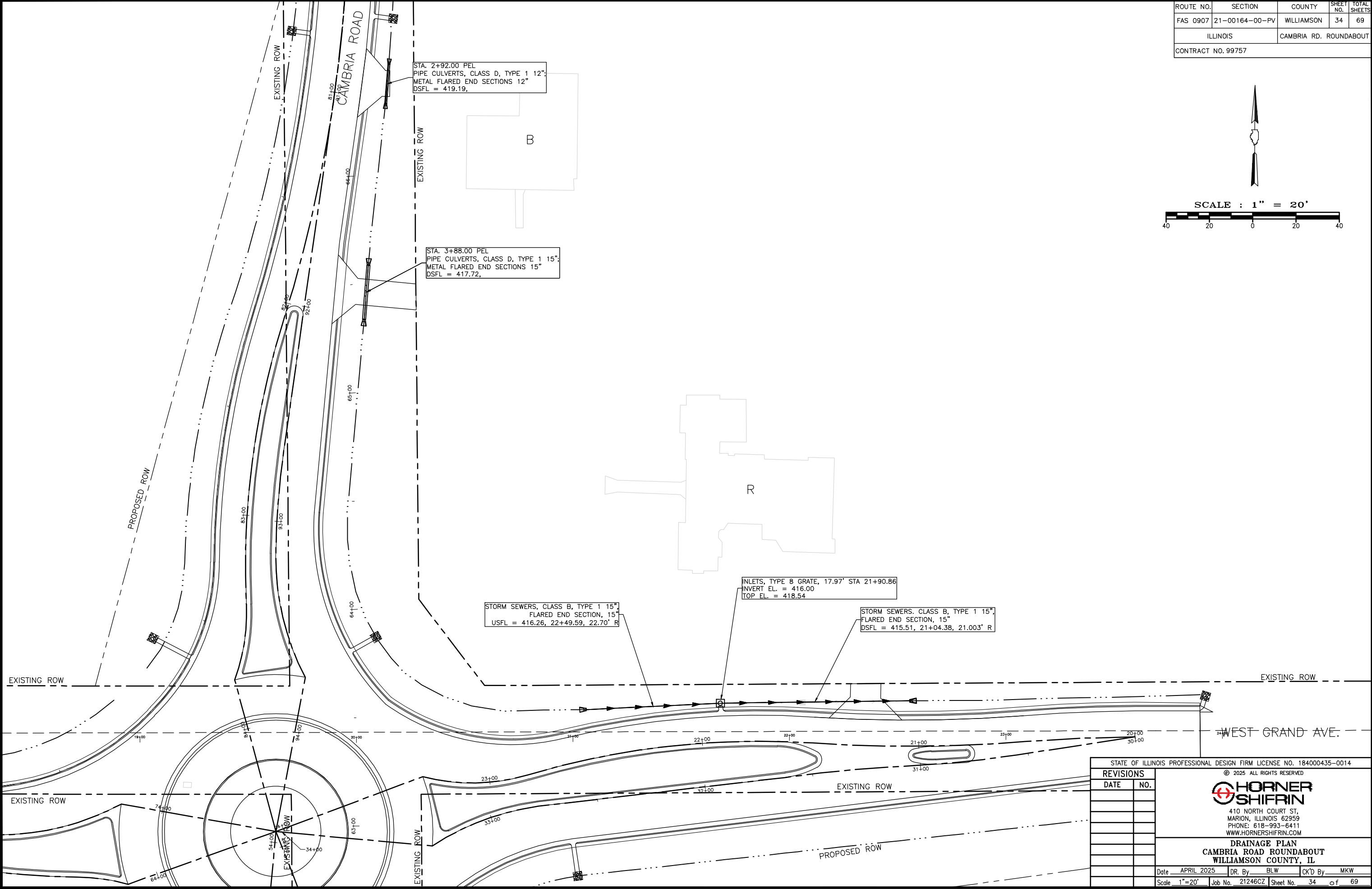
STA. 2+92.00 PEL
PIPE CULVERTS, CLASS D, TYPE 1 12";
METAL FLARED END SECTIONS 12"
DSFL = 419.19,

STA. 3+88.00 PEL
PIPE CULVERTS, CLASS D, TYPE 1 15";
METAL FLARED END SECTIONS 15"
DSFL = 417.72,

STORM SEWERS, CLASS B, TYPE 1 15";
FLARED END SECTION, 15"
USFL = 416.26, 22+49.59, 22.70' R

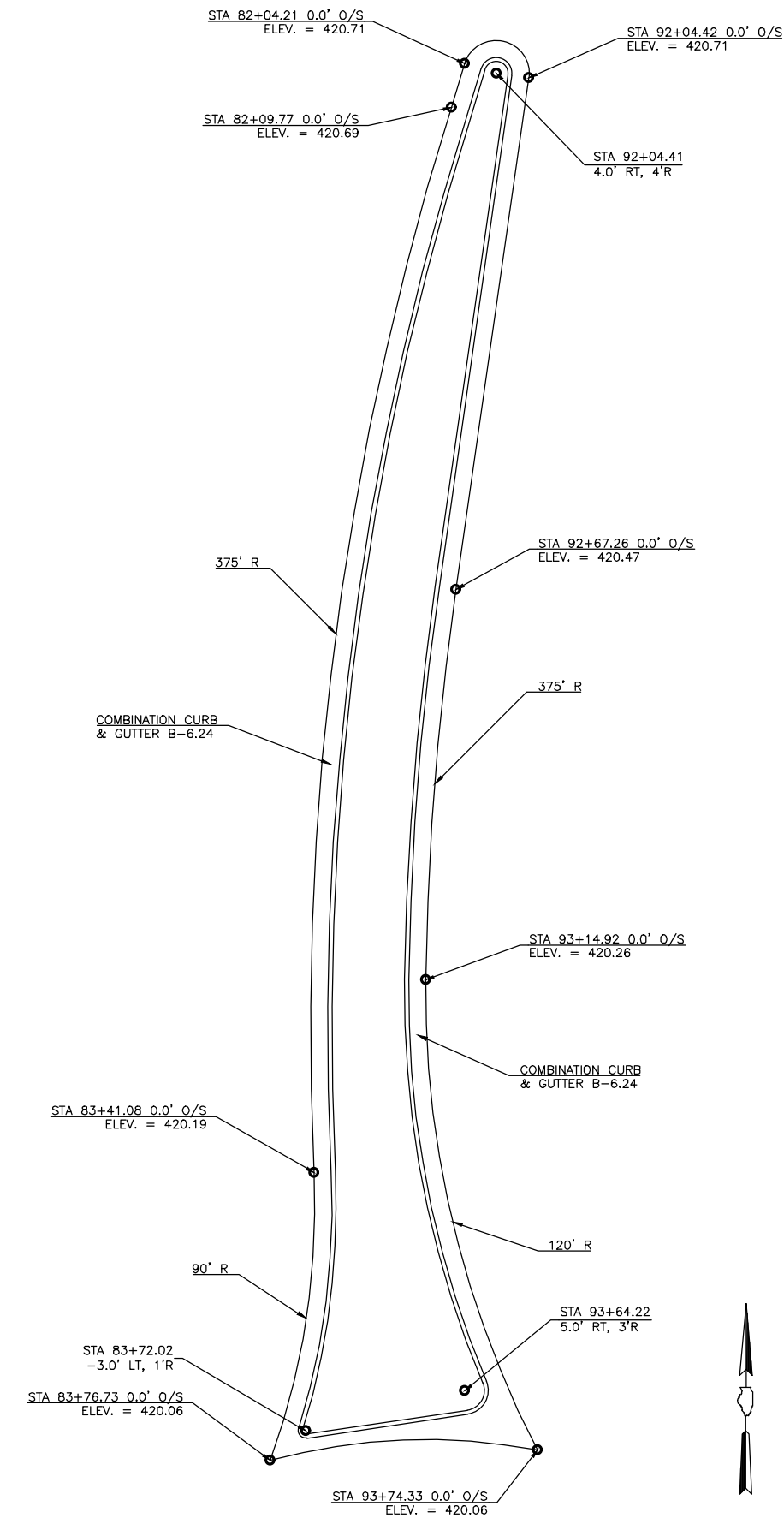
INLETS, TYPE 8 GRATE, 17.97' STA 21+90.86
INVERT EL. = 416.00
TOP EL. = 418.54

STORM SEWERS, CLASS B, TYPE 1 15";
FLARED END SECTION, 15"
DSFL = 415.51, 21+04.38, 21.003' R

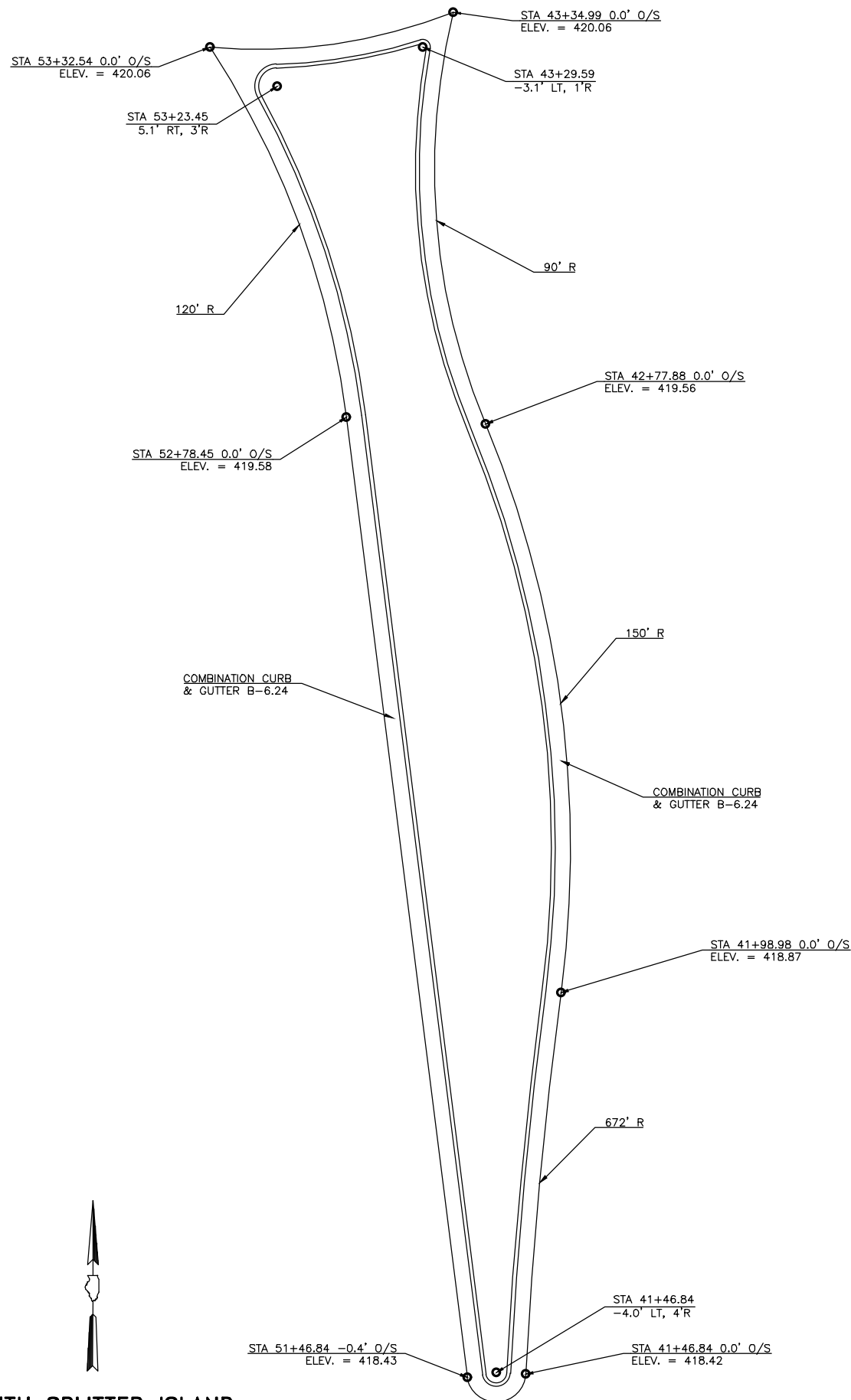


STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184000435-0014		
© 2025 ALL RIGHTS RESERVED		
HORNER SHIFRIN		
410 NORTH COURT ST, MARION, ILLINOIS 62959 PHONE: 618-993-6411 WWW.HORNERSHIFRIN.COM		
DRAINAGE PLAN CAMBRIA ROAD ROUNDABOUT WILLIAMSON COUNTY, IL		
Date	APRIL 2025	DR. By BLW CK'D By MKW
Scale	1"=20'	Job No. 21246CZ Sheet No. 34 of 69

P:\2\246 - Wson Co Cambria Roundabout\Drawings - Plans\40-41 Geometric Detail Sheet.dwg 6-04-25 07:59:56 AM bwhite



NORTH SPLITTER ISLAND



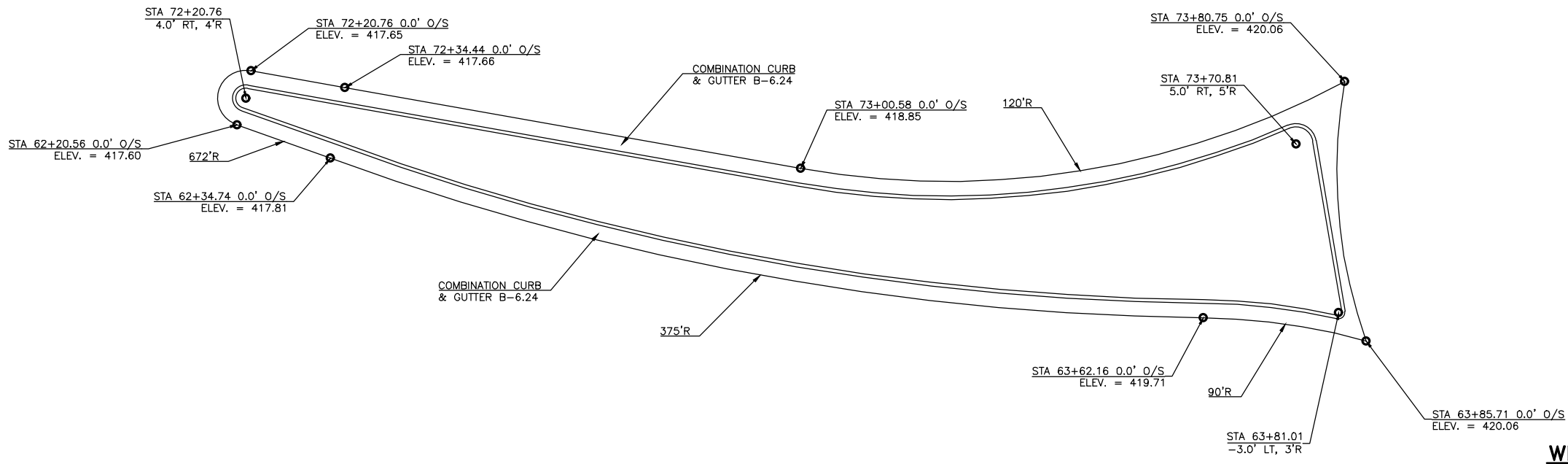
SOUTH SPLITTER ISLAND

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	35	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				

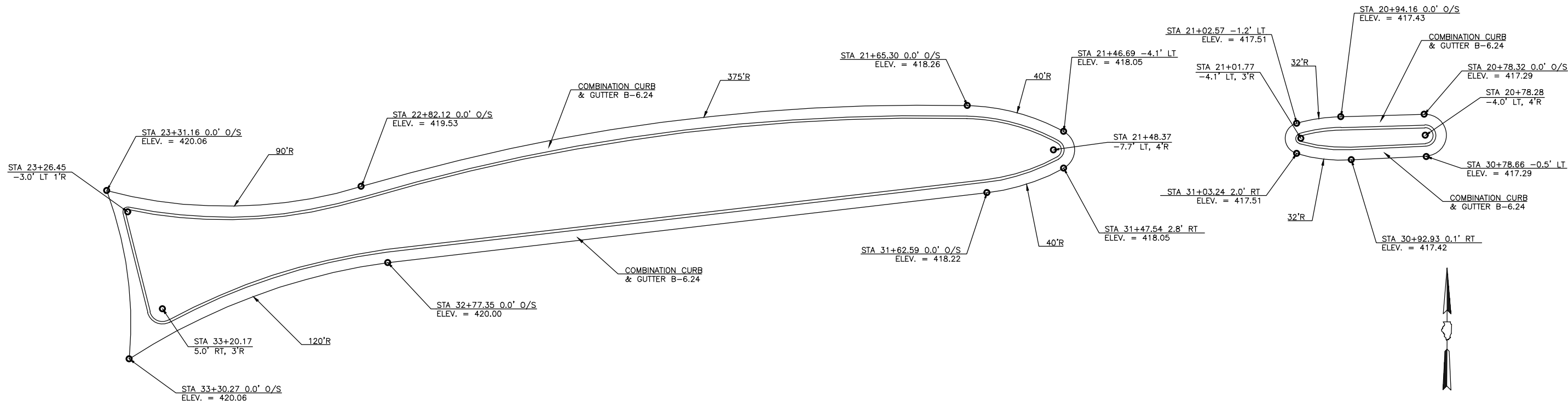
DISCIPLINE: PROFESSIONAL ENGINEERING CERTIFICATE OF AUTHORITY: 000159 EXPIRATION DATE: DECEMBER 31, 2025				
STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184000435-0014				
© 2025 ALL RIGHTS RESERVED				
HORNER SHIFRIN 410 NORTH COURT ST, MARION, ILLINOIS 62959 618-993-6411 FAX 618-993-6750 WWW.HORNERSHIFRIN.COM				
GEOMETRIC DETAILSHEET-1 CAMBRIA ROAD ROUNDABOUT WILLIAMSON COUNTY, IL				
Date		APRIL 2025	DR. By	PLD
			CK'D By	JVZ
Scale		1"=10'	Job No.	21246CZ
			Sheet No.	35 of 69

P:\2\246 - Wson Co Cambria Roundabout\Drawings - Plans\40-41 Geometric Detail Sheet.dwg 6-04-25 07:59:36 AM bwhite

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	36	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				



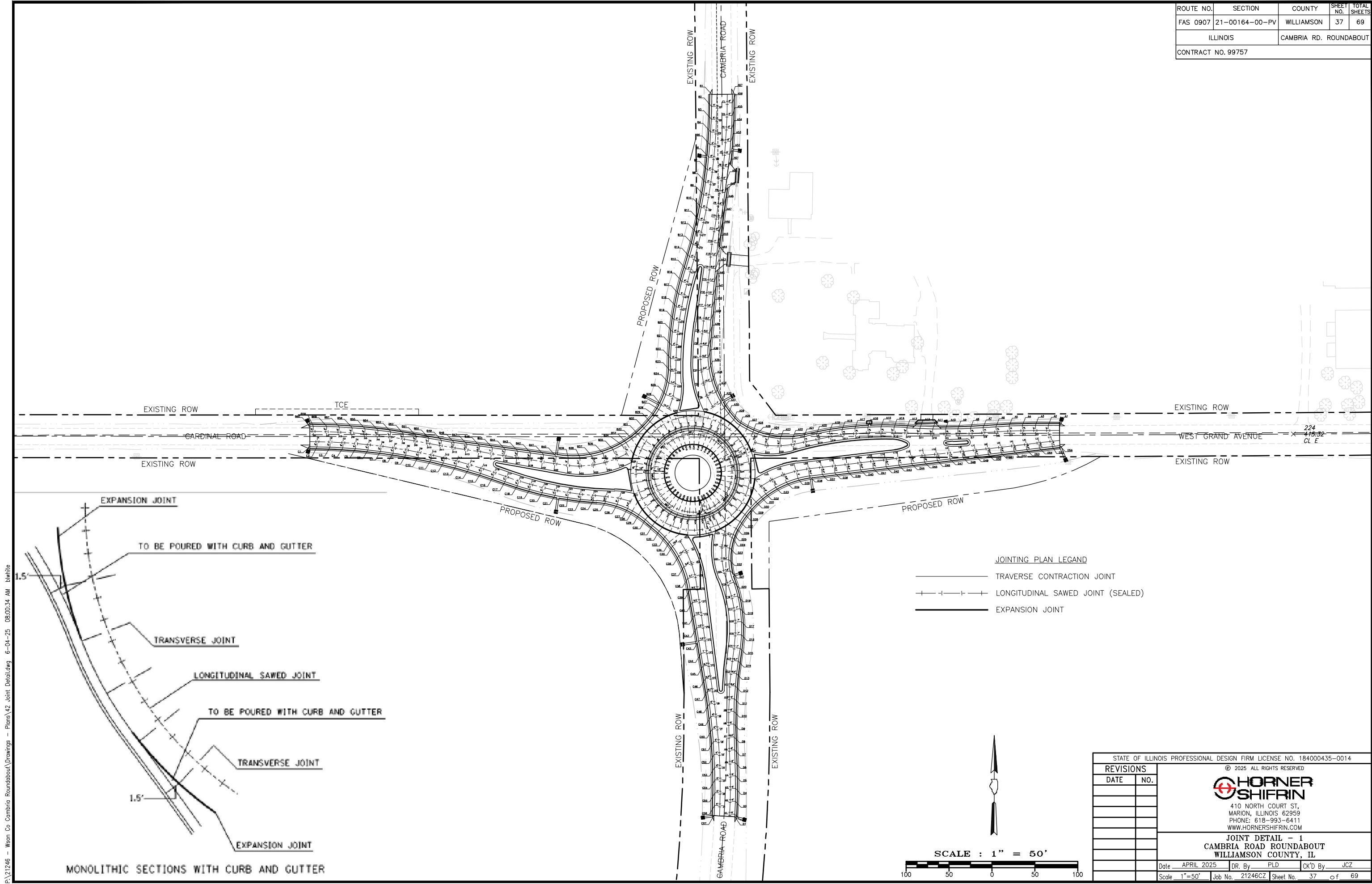
WEST SPLITTER ISLAND



EAST SPLITTER ISLAND

DISCIPLINE: PROFESSIONAL ENGINEERING CERTIFICATE OF AUTHORITY: 000159			
EXPIRATION DATE: DECEMBER 31, 2025			
STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184000435-0014			
REVISIONS		© 2025 ALL RIGHTS RESERVED  410 NORTH COURT ST, MARION, ILLINOIS 62959 618-993-6411 FAX 618-993-6750 WWW.HORNERSHIFRIN.COM GEOMETRIC DETAIL SHEET-2 CAMBRIA ROAD ROUNDABOUT WILLIAMSON COUNTY, IL	
DATE	NO.		
		Date	APRIL 2025
		DR. By	PLD
		CK'D By	JVZ
		Scale	1"=10'
		Job No.	21246CZ
		Sheet No.	36 of 69

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	37	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				



JOINTING PLAN LEGEND

- TRAVERSE CONTRACTION JOINT
- + + + + LONGITUDINAL SAWED JOINT (SEALED)
- EXPANSION JOINT

MONOLITHIC SECTIONS WITH CURB AND GUTTER

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184000435-0014	
© 2025 ALL RIGHTS RESERVED	
	
410 NORTH COURT ST, MARION, ILLINOIS 62959 PHONE: 618-993-6411 WWW.HORNERSHIFRIN.COM	
JOINT DETAIL - 1 CAMBRIA ROAD ROUNDABOUT WILLIAMSON COUNTY, IL	
Date APRIL 2025	DR. By PLD CK'D By JCZ
Scale 1"=50'	Job No. 21246CZ Sheet No. 37 of 69

P:\21246 - Wson Co Cambria Roundabout\Drawings - Plans\43-46 Joint Detail 2-5.dwg 6-04-25 08:02:09 AM bwhite

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	38	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				

ALIGNMENT CL-100 (OUTER CIRCLE)

POINT NO.	STATION	ELEVATION	OFFSET	POINT NO.	STATION	ELEVATION	OFFSET	POINT NO.	STATION	ELEVATION	OFFSET
N1	100+00	420.33	0.0'	N21	101+60.38	420.33	0.0'	N41	103+16.77	420.33	0.0'
N2	100+09.74	420.33	0.0'	N22	101+68.34	420.33	0.0'	N42	103+23.91	420.33	0.0'
N3	100+16.61	420.33	0.0'	N23	101+76.31	420.33	0.0'	N43	103+33.65	420.33	0.0'
N4	100+24.58	420.33	0.0'	N24	101+84.27	420.33	0.0'				
N5	100+32.54	420.33	0.0'	N25	101+92.24	420.33	0.0'				
N6	100+40.50	420.33	0.0'	N26	102+00.20	420.33	0.0'				
N7	100+48.47	420.33	0.0'	N27	102+08.16	420.33	0.0'				
N8	100+56.43	420.33	0.0'	N28	102+16.13	420.33	0.0'				
N9	100+64.39	420.33	0.0'	N29	102+24.09	420.33	0.0'				
N10	100+71.27	420.33	0.0'	N30	102+32.05	420.33	0.0'				
N11	100+79.64	420.33	0.0'	N31	102+36.49	420.33	0.0'				
N12	100+87.60	420.33	0.0'	N32	102+45.19	420.33	0.0'				
N13	100+95.97	420.33	0.0'	N33	102+53.15	420.33	0.0'				
N14	101+04.64	420.33	0.0'	N34	102+61.85	420.33	0.0'				
N15	101+12.60	420.33	0.0'	N35	102+68.99	420.33	0.0'				
N16	101+20.56	420.33	0.0'	N36	102+76.95	420.33	0.0'				
N17	101+28.53	420.33	0.0'	N37	102+84.92	420.33	0.0'				
N18	101+36.49	420.33	0.0'	N38	102+92.88	420.33	0.0'				
N19	101+44.45	420.33	0.0'	N39	103+00.84	420.33	0.0'				
N20	101+51.80	420.33	0.0'	N40	103+08.81	420.33	0.0'				

ALIGNMENT CL-200 (INNER CIRCLE)

POINT NO.	STATION	ELEVATION	OFFSET	POINT NO.	STATION	ELEVATION	OFFSET	POINT NO.	STATION	ELEVATION	OFFSET
M1	200+00	420.93	0.0'	M21	200+98.58	420.93	0.0'	M41	201+94.92	420.93	0.0'
M2	200+05.99	420.93	0.0'	M22	201+03.48	420.93	0.0'	M42	201+99.10	420.93	0.0'
M3	200+10.21	420.93	0.0'	M23	201+08.37	420.93	0.0'	M43	202+05.08	420.93	0.0'
M4	200+15.11	420.93	0.0'	M24	201+13.27	420.93	0.0'				
M5	200+20	420.93	0.0'	M25	201+18.16	420.93	0.0'				
M6	200+24.90	420.93	0.0'	M26	201+23.06	420.93	0.0'				
M7	200+29.79	420.93	0.0'	M27	201+27.95	420.93	0.0'				
M8	200+34.69	420.93	0.0'	M28	201+32.85	420.93	0.0'				
M9	200+39.58	420.93	0.0'	M29	201+37.74	420.93	0.0'				
M10	200+43.81	420.93	0.0'	M30	201+42.64	420.93	0.0'				
M11	200+48.95	420.93	0.0'	M31	201+45.37	420.93	0.0'				
M12	200+53.85	420.93	0.0'	M32	201+50.71	420.93	0.0'				
M13	200+58.99	420.93	0.0'	M33	201+55.61	420.93	0.0'				
M14	200+64.32	420.93	0.0'	M34	201+60.95	420.93	0.0'				
M15	200+69.21	420.93	0.0'	M35	201+65.34	420.93	0.0'				
M16	200+74.11	420.93	0.0'	M36	201+70.24	420.93	0.0'				
M17	200+79	420.93	0.0'	M37	201+75.13	420.93	0.0'				
M18	200+83.90	420.93	0.0'	M38	201+80.03	420.93	0.0'				
M19	200+88.79	420.93	0.0'	M39	201.84.92	420.93	0.0'				
M20	200+93.31	420.93	0.0'	M40	201+89.82	420.93	0.0'				

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184000435-0014			
REVISIONS		© 2025 ALL RIGHTS RESERVED  410 NORTH COURT ST, MARION, ILLINOIS 62959 PHONE: 618-993-6411 WWW.HORNERSHIFRIN.COM	
DATE	NO.		
		JOINT DETAIL - 2 CAMBRIA ROAD ROUNDABOUT WILLIAMSON COUNTY, IL	
	Date	APRIL 2025	DR. By PLD CK'D By JCZ
	Scale	1"=50'	Job No. 21246CZ Sheet No. 38 of 69

P:\21246 - Wson Co Cambria Roundabout\Drawings - Plans\43-46 Joint Detail 2-5.dwg 6-04-25 08:01:51 AM bwhite

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	39	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				

ALIGNMENT CL-200 (ENTRANCE EAST-EXIST NORTH)

POINT NO.	STATION	ELEVATION	OFFSET	POINT NO.	STATION	ELEVATION	OFFSET	POINT NO.	STATION	ELEVATION	OFFSET
A1	200+00	415.92	0.0'	A21	203+98.65	419.17	0.0'	A41	205+39.71	420.33	0.0'
A2	200+12.88	416.04	0.0'	A22	203+12.07	419.29	0.0'	A42	205+54.71	420.39	0.0'
A3	200+27.88	416.18	0.0'	A23	203+26.30	419.43	0.0'	A43	205+69.71	420.45	0.0'
A4	200+43.18	416.34	0.0'	A24	203+39.98	419.55	0.0'	A44	205+84.71	420.53	0.0'
A5	200+58.48	416.50	0.0'	A25	203+53.42	419.71	0.0'	A45	205+99.71	420.61	0.0'
A6	200+73.80	416.67	0.0'	A26	203+59.32	419.77	0.0'	A46	206+14.15	420.67	0.0'
A7	220+88.89	416.83	0.0'	A27	203+67.31	419.84	0.0'	A47	206+29.15	420.74	0.0'
A8	201+03.67	417.01	0.0'	A28	203+76.61	419.94	0.0'	A48	206+44.15	420.80	0.0'
A9	201+18.44	417.18	0.0'	A29	203+85.75	419.95	0.0'	A49	206+59.15	420.86	0.0'
A10	201+32.82	417.35	0.0'	A30	203+95.23	419.86	0.0'	A50	206+74.15	420.92	0.0'
A11	201+47.82	417.53	0.0'	A31	204+03.53	419.79	0.0'	A51	206+89.16	420.98	0.0'
A12	201+62.82	417.71	0.0'	A32	204+10.80	419.73	0.0'	A52	207+04.17	421.04	0.0'
A13	201+77.83	417.89	0.0'	A33	204+24.41	419.81	0.0'	A53	207+19.17	421.10	0.0'
A14	201+92.83	418.20	0.0'	A34	204+38.22	419.88	0.0'	A54	207+34.18	421.16	0.0'
A15	202+08.18	418.28	0.0'	A35	204+52.45	419.96	0.0'	A55	207+49.20	421.21	0.0'
A16	202+23.41	418.38	0.0'	A36	204+66.08	420.04	0.0'	A56	207+64.24	421.27	0.0'
A17	202+38.55	418.54	0.0'	A37	204+79.88	420.11	0.0'	A57	207+74.05	421.31	0.0'
A18	202+53.62	418.70	0.0'	A38	204+94.48	420.17	0.0'				
A19	202+68.18	418.85	0.0'	A39	205+09.70	420.22	0.0'				
A20	202+83.67	419.01	0.0'	A40	205+24.71	420.28	0.0'				

ALIGNMENT CL-400 (ENTRANCE WEST-EXIST SOUTH)

POINT NO.	STATION	ELEVATION	OFFSET	POINT NO.	STATION	ELEVATION	OFFSET	POINT NO.	STATION	ELEVATION	OFFSET
C1	400+00	413.75	0.0'	C21	402+92.38	418.52	0.0'	C41	405+32.83	418.99	0.0'
C2	400+08.33	413.90	0.0'	C22	403+07.45	418.74	0.0'	C42	405+47.83	418.86	0.0'
C3	400+23.27	414.18	0.0'	C23	403+22.48	418.96	0.0'	C43	405+62.83	418.74	0.0'
C4	400+38.16	414.45	0.0'	C24	403+37.48	0.00	0.0'	C44	405.77.83	418.62	0.0'
C5	400+53.01	414.72	0.0'	C25	403+51.86	419.40	0.0'	C45	405+92.83	418.50	0.0'
C6	400+67.81	415.00	0.0'	C26	403+65.81	419.58	0.0'	C46	406+07.83	418.38	0.0'
C7	400+82.59	415.27	0.0'	C27	403+78.78	419.72	0.0'	C47	406+22.83	418.26	0.0'
C8	400+97.35	415.54	0.0'	C28	403+85.07	419.78	0.0'	C48	406+37.49	418.02	0.0'
C9	401+12.09	415.81	0.0'	C29	403+93.57	419.85	0.0'	C49	406+52.23	417.86	0.0'
C10	401+26.82	416.05	0.0'	C30	404+03.21	419.92	0.0'	C50	406+67.04	417.64	0.0'
C11	401+41.84	416.28	0.0'	C31	404+13.89	419.97	0.0'	C51	406+81.82	417.43	0.0'
C12	401+56.86	416.51	0.0'	C32	404+23.97	419.89	0.0'	C52	406+96.63	417.22	0.0'
C13	401+71.88	416.74	0.0'	C33	404+33.32	419.82	0.0'	C53	407+11.48	417.00	0.0'
C14	401+86.90	416.96	0.0'	C34	404+41.41	419.76	0.0'	C54	407+26.38	416.79	0.0'
C15	402+01.91	417.19	0.0'	C35	404+47.33	419.72	0.0'	C55	407+41.33	416.57	0.0'
C16	402+16.93	417.42	0.0'	C36	404+60.94	419.59	0.0'	C56	407+56.06	416.36	0.0'
C17	402+31.97	417.65	0.0'	C37	404+74.75	419.47	0.0'	C57	407+67.86	416.19	0.0'
C18	402+47	417.87	0.0'	C38	404+88.98	419.35	0.0'				
C19	402+62	418.08	0.0'	C39	405+02.60	419.23	0.0'				
C20	402+77.24	418.30	0.0'	C40	405+17.83	419.11	0.0'				

ALIGNMENT CL-500 (ENTRANCE NORTH-EXIST WEST)

POINT NO.	STATION	ELEVATION	OFFSET	POINT NO.	STATION	ELEVATION	OFFSET	POINT NO.	STATION	ELEVATION	OFFSET
B1	500+00	421.31	0.0'	B21	502+96.99	420.18	0.0'	B41	505+28.84	418.18	0.0'
B2	500+13.96	421.26	0.0'	B22	503+12.48	420.12	0.0'	B42	505+43.85	417.97	0.0'
B3	500+28.85	421.20	0.0'	B23	503+27.10	420.05	0.0'	B43	505+58.85	417.75	0.0'
B4	500+43.69	421.14	0.0'	B24	503+41.33	419.96	0.0'	B44	505+73.86	417.54	0.0'
B5	500+58.50	0.00	0.0'	B25	503+55.01	419.87	0.0'	B45	505+88.86	417.31	0.0'
B6	500+73.28	421.02	0.0'	B26	503+68.44	419.77	0.0'	B46	506+03.87	417.09	0.0'
B7	500+88.03	420.96	0.0'	B27	503+74.20	419.81	0.0'	B47	506+18.87	416.87	0.0'
B8	501+02.77	420.90	0.0'	B28	503+82.38	419.86	0.0'	B48	506+33.87	416.64	0.0'
B9	501+17.51	420.84	0.0'	B29	503+91.81	419.93	0.0'	B49	506+48.69	416.41	0.0'
B10	501+32.35	420.77	0.0'	B30	504+02.03	419.97	0.0'	B50	506+63.69	416.17	0.0'
B11	501+47.16	420.71	0.0'	B31	504+12	0.00	0.0'	B51	506+78.69	415.94	0.0'
B12	501+61.93	420.65	0.0'	B32	504+21.16	419.82	0.0'	B52	506+93.69	415.68	0.0'
B13	501+76.69	420.59	0.0'	B33	504+29	419.76	0.0'	B53	507+08.70	415.40	0.0'
B14	501+91.43	420.52	0.0'	B34	504+34.49	419.72	0.0'	B54	507+23.72	415.11	0.0'
B15	502+06.02	420.51	0.0'	B35	504+46.17	419.52	0.0'	B55	507+38.75	414.83	0.0'
B16	502+21.55	420.45	0.0'	B36	504+58.72	419.31	0.0'	B56	507+53.82	414.55	0.0'
B17	502+36.80	420.40	0.0'	B37	504+71.88	419.09	0.0'	B57	507+68.91	414.26	0.0'
B18	502+51.96	420.34	0.0'	B38	504+8604	418.85	0.0'	B58	507+83.74	413.99	0.0'
B19	502+67.04	420.29	0.0'	B39	504+99.79	418.62	0.0'	B59	507+99.24	413.69	0.0'
B20	502+81.51	420.23	0.0'	B40	505+13.84	418.39	0.0'	B60	508+03.18	413.62	0.0'

ALIGNMENT CL-300 (ENTRANCE SOUTH-EXIST EAST)

POINT NO.	STATION	ELEVATION	OFFSET	POINT NO.	STATION	ELEVATION	OFFSET	POINT NO.	STATION	ELEVATION	OFFSET
D1	300+00	417.35	0.0'	D21	302+88.53	419.39	0.0'	D41	305+22.83	418.28	0.0'
D2	300+02.81	417.35	0.0'	D22	303+01.52	419.50	0.0'	D42	305+37.83	418.11	0.0'
D3	300+17.85	417.37	0.0'	D23	303+15.10	419.61	0.0'	D43	305+52.83	417.95	0.0'
D4	300+32.87	417.39	0.0'	D24	303+27.66	419.72	0.0'	D44	305+67.83	417.78	0.0'
D5	300+47.66	417.41	0.0'	D25	303+31.33	419.75	0.0'	D45	305+82.83	417.62	0.0'
D6	300+62.93	417.42	0.0'	D26	303+39.15	419.81	0.0'	D46	305+97.83	417.46	0.0'
D7	300+77.88	417.47	0.0'	D27	303+48.30	419.89	0.0'	D47	306+12.83	417.29	0.0'
D8	300+93.10	417.63	0.0'	D28	303+58.26	419.97	0.0'	D48	306+27.83	417.13	0.0'
D9	301+07.96	417.79	0.0'	D29	303+68.33	419.92	0.0'	D49	306+42.83	416.96	0.0'
D10	301+22.74	417.94	0.0'	D30	303+77.79	419.84	0.0'	D50	306+57.83	416.79	0.0'
D11	301+37.46	418.09	0.0'	D31	303+86.03	419.77	0.0'	D51	306+72.83	416.61	0.0'
D12	301+52.17	418.23	0.0'	D32	303+92.73	419.72	0.0'	D52	306+87.83	416.44	0.0'
D13	301+66.83	418.37	0.0'	D33	304+06.35	419.56	0.0'	D53	307+02.83	416.27	0.0'
D14	301+81.45	418.51	0.0'	D34	304+20.16	419.40	0.0'	D54	307+17.83	416.05	0.0'
D15	301+96.49	418.64	0.0'	D35	304+34.39	419.25	0.0'	D55	307+32.83	415.71	0.0'
D16	302+12.33	418.77	0.0'	D36	304+48	419.10	0.0'	D56	307+41.50	415.49	0.0'
D17	302+27.75	418.77	0.0'	D37	304+61.83	418.93	0.0'				
D18	302+42.90	419.02	0.0'	D38	304+77.83	418.77	0.0'				
D19	302+57.92	419.14	0.0'	D39	304+92.83	418.60	0.0'				
D20	302+74.69	419.27	0.0'	D40	305+07.83	418.44	0.0'				

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184000435-0014			
REVISIONS		© 2025 ALL RIGHTS RESERVED HORNER SHIFRIN 410 NORTH COURT ST, MARION, ILLINOIS 62959 PHONE: 618-993-6411 WWW.HORNERSHIFRIN.COM JOINT DETAIL - 3 CAMBRIA ROAD ROUNDABOUT WILLIAMSON COUNTY, IL	
DATE	NO.		
		Date <u>APRIL 2025</u>	DR. By <u>PLD</u> CK'D By <u>JCZ</u>
		Scale <u>1"=50'</u>	Job No. <u>21246CZ</u> Sheet No. <u>39</u> of <u>69</u>

P:\21246 - Wson Co Cambria Roundabout\Drawings - Plans\43-46 Joint Detail 2-5.dwg 6-04-25 08:01:30 AM bwhite

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	40	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				

ALIGNMENT CL-20 (ENTRANCE EAST LEG)

POINT NO.	STATION	ELEVATION	OFFSET	POINT NO.	STATION	ELEVATION	OFFSET
E1	0+0'	416.18	0.0'	E21	22+81.52	419.52	0.0'
E2	0+0'	416.36	0.0'	E22	22+98.34	419.70	0.0'
E3	20+12.92	416.52	0.0'	E23	23+14.80	419.88	0.0'
E4	20+27.95	416.68	0.0'	E24	23+31.16	420.06	0.0'
E5	20+43.01	416.85	0.0'				
E6	20+58.09	417.01	0.0'				
E7	20+73.14	417.19	0.0'				
E8	20+88.17	417.36	0.0'				
E9	21+02.82	417.53	0.0'				
E10	21+18.09	417.71	0.0'				
E11	21+33.37	417.89	0.0'				
E12	21+48.66	418.07	0.0'				
E13	21+63.20	418.23	0.0'				
E14	21+78.07	418.40	0.0'				
E15	21+92.83	418.56	0.0'				
E16	22+07.49	418.72	0.0'				
E17	22+22.10	418.88	0.0'				
E18	22+36.21	419.03	0.0'				
E19	22+51.22	419.19	0.0'				
E20	22+66.22	419.35	0.0'				

ALIGNMENT CL-40 (ENTRANCE SOUTH LEG)

POINT NO.	STATION	ELEVATION	OFFSET	POINT NO.	STATION	ELEVATION	OFFSET
K1	40+02.76	416.85	0.0'	K21	43+01.03	419.76	0.0'
K2	40+17.53	417.01	0.0'	K22	43+18	419.91	0.0'
K3	40+32.29	417.17	0.0'	K23	43+34.99	420.06	0.0'
K4	40+46.82	417.33	0.0'				
K5	40+61.82	417.49	0.0'				
K6	40+76.82	417.65	0.0'				
K7	40+92.05	417.81	0.0'				
K8	41+07.27	417.97	0.0'				
K9	41+22.39	418.12	0.0'				
K10	41+37.48	418.28	0.0'				
K11	41+52.56	418.47	0.0'				
K12	41+67.59	418.60	0.0'				
K13	41+82.61	418.73	0.0'				
K14	41+97.61	418.86	0.0'				
K15	42+12.10	418.99	0.0'				
K16	42+26.20	419.11	0.0'				
K17	42+40.06	419.23	0.0'				
K18	42+53.80	419.35	0.0'				
K19	42+69.14	419.48	0.0'				
K20	42+85.11	419.62	0.0'				

ALIGNMENT CL-30 (EXIST EAST LEG)

POINT NO.	STATION	ELEVATION	OFFSET	POINT NO.	STATION	ELEVATION	OFFSET
L1	0+00	416.12	0.0'	L21	32+81.18	419.52	0.0'
L2	0+00	416.29	0.0'	L22	32+97.82	419.70	0.0'
L3	30+10.16	416.46	2.4'	L23	33+14.11	419.88	0.0'
L4	30+25.15	416.64	1.8'	L24	33+30.27	420.06	0.0'
L5	30+40.13	416.83	1.1'				
L6	30+55.12	417.01	0.4'				
L7	30+70.11	417.20	0.0'				
L8	30+85.10	417.35	0.3'				
L9	31+00.13	417.49	0.0'				
L10	31+15.16	417.67	0.0'				
L11	31+30.17	417.85	0.0'				
L12	31+45.18	418.02	0.0'				
L13	31+60.18	418.20	0.0'				
L14	31+75.18	418.36	0.0'				
L15	31+90.18	418.53	0.0'				
L16	32+05.18	418.69	0.0'				
L17	32+20.18	418.85	0.0'				
L18	32+35.18	419.02	0.0'				
L19	32+50.18	419.18	0.0'				
L20	32+65.47	419.35	0.0'				

ALIGNMENT CL-50 (EXIST SOUTH LEG)

POINT NO.	STATION	ELEVATION	OFFSET	POINT NO.	STATION	ELEVATION	OFFSET
J1	50+12.01	416.95	0.0'	J21	53+16.36	419.92	0.0'
J2	50+27.01	417.11	0.0'	J22	53+32.54	420.06	0.0'
J3	50+42.23	417.28	0.0'				
J4	50+57.40	417.44	0.0'				
J5	50+72.52	417.60	0.0'				
J6	50+87.60	417.76	0.0'				
J7	51+02.65	417.91	0.0'				
J8	51+17.68	418.06	0.0'				
J9	51+32.69	418.21	0.0'				
J10	51+42.70	418.43	0.0'				
J11	51+62.71	418.57	0.0'				
J12	51+77.72	418.70	0.0'				
J13	51+92.73	418.83	0.0'				
J14	52+07.75	418.96	0.0'				
J15	52+22.76	419.10	0.0'				
J16	52+37.77	419.23	0.0'				
J17	52+52.78	419.36	0.0'				
J18	52+67.70	419.49	0.0'				
J19	52+83.43	419.63	0.0'				
J20	53+00.07	419.77	0.0'				

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184000435-0014			
REVISIONS		© 2025 ALL RIGHTS RESERVED  410 NORTH COURT ST, MARION, ILLINOIS 62959 PHONE: 618-993-6411 WWW.HORNERSHIFRIN.COM JOINT DETAIL - 4 CAMBRIA ROAD ROUNDABOUT WILLIAMSON COUNTY, IL	
DATE	NO.		
	Date	APRIL 2025	DR. By PLD CK'D By JCZ
	Scale	1"=50'	Job No. 21246CZ Sheet No. 40 of 69

P:\21246 - Wson Co Cambria Roundabout\Drawings - Plans\43-46 Joint Detail 2-5.dwg 6-04-25 08:01:10 AM bwhite

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	41	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				

ALIGNMENT CL-60 (ENTRANCE WEST LEG)

POINT NO.	STATION	ELEVATION	OFFSET	POINT NO.	STATION	ELEVATION	OFFSET
I1	60+08.48	414.32	0.0'	I21	63+09.26	418.92	0.0'
I2	60+23.70	414.57	0.0'	I22	63+23.35	419.13	0.0'
I3	60+38.86	414.81	0.0'	I23	63+38.36	419.35	0.0'
I4	60+53.97	415.04	0.0'	I24	63+53.92	419.59	0.0'
I5	60+69.05	415.28	0.0'	I25	63+70.20	419.83	0.0'
I6	60+84.09	415.52	0.0'	I26	63+85.71	420.06	0.0'
I7	60+99.12	415.76	0.0'				
I8	61+14.13	416.00	0.0'				
I9	61+29.13	416.23	0.0'				
I10	61+44.42	416.46	0.0'				
I11	61+59.71	416.69	0.0'				
I12	61+75	416.92	0.0'				
I13	61+90.29	417.14	0.0'				
I14	62+05.59	417.37	0.0'				
I15	62+20.88	417.60	0.0'				
I16	62+36.12	417.83	0.0'				
I17	62+50.68	418.05	0.0'				
I18	62+65.22	418.26	0.0'				
I19	62+79.98	418.48	0.0'				
I20	62+94.65	418.70	0.0'				

ALIGNMENT CL-80 (ENTRANCE NORTH LEG)

POINT NO.	STATION	ELEVATION	OFFSET	POINT NO.	STATION	ELEVATION	OFFSET
G1	80+14.21	421.41	0.0'	G21	82+12.92	420.30	0.0'
G2	80+29.37	421.35	0.0'	G22	83+27.94	420.24	0.0'
G3	80+44.49	421.30	0.0'	G23	83+44.30	420.18	0.0'
G4	80+59.56	421.24	0.0'	G24	83+60.54	420.12	0.0'
G5	80+74.61	421.19	0.0'	G25	83+76.73	420.06	0.0'
G6	80+89.63	421.13	0.0'				
G7	81+04.64	421.08	0.0'				
G8	81+19.64	421.02	0.0'				
G9	81+34.76	420.96	0.0'				
G10	81+49.83	420.91	0.0'				
G11	81+64.88	420.85	0.0'				
G12	81+79.90	420.78	0.0'				
G13	81+94.91	420.72	0.0'				
G14	82+09.91	420.69	0.0'				
G15	82+24.81	420.63	0.0'				
G16	82+39.59	420.58	0.0'				
G17	82+54.28	420.52	0.0'				
G18	82+68.90	420.47	0.0'				
G19	82+82.91	420.41	0.0'				
G20	82+97.92	420.36	0.0'				

ALIGNMENT CL-70 (EXIST WEST LEG)

POINT NO.	STATION	ELEVATION	OFFSET	POINT NO.	STATION	ELEVATION	OFFSET
H1	70+03.87	414.25	0.0'	H21	73+03.39	418.89	0.0'
H2	70+19.09	414.49	0.0'	H22	73+17.45	419.10	0.0'
H3	70+33.67	414.72	0.0'	H23	73+34.38	419.36	0.0'
H4	70+48.50	414.96	0.0'	H24	73+50.33	419.60	0.0'
H5	70+63.30	415.19	0.0'	H25	73+65.69	419.83	0.0'
H6	70+78.07	415.43	0.0'	H26	73+80.75	420.06	0.0'
H7	70+92.82	415.66	0.0'				
H8	71+07.57	415.89	0.0'				
H9	71+22.39	416.13	0.0'				
H10	71+37.39	416.36	0.0'				
H11	71+52.39	416.59	0.0'				
H12	71+67.40	416.82	0.0'				
H13	71+82.40	417.05	0.0'				
H14	71+97.40	417.29	0.0'				
H15	72+12.40	417.52	0.0'				
H16	72+27.40	417.75	0.0'				
H17	72+42.41	417.98	0.0'				
H18	72+57.41	418.20	0.0'				
H19	72+72.41	418.43	0.0'				
H20	72+87.41	418.65	0.0'				

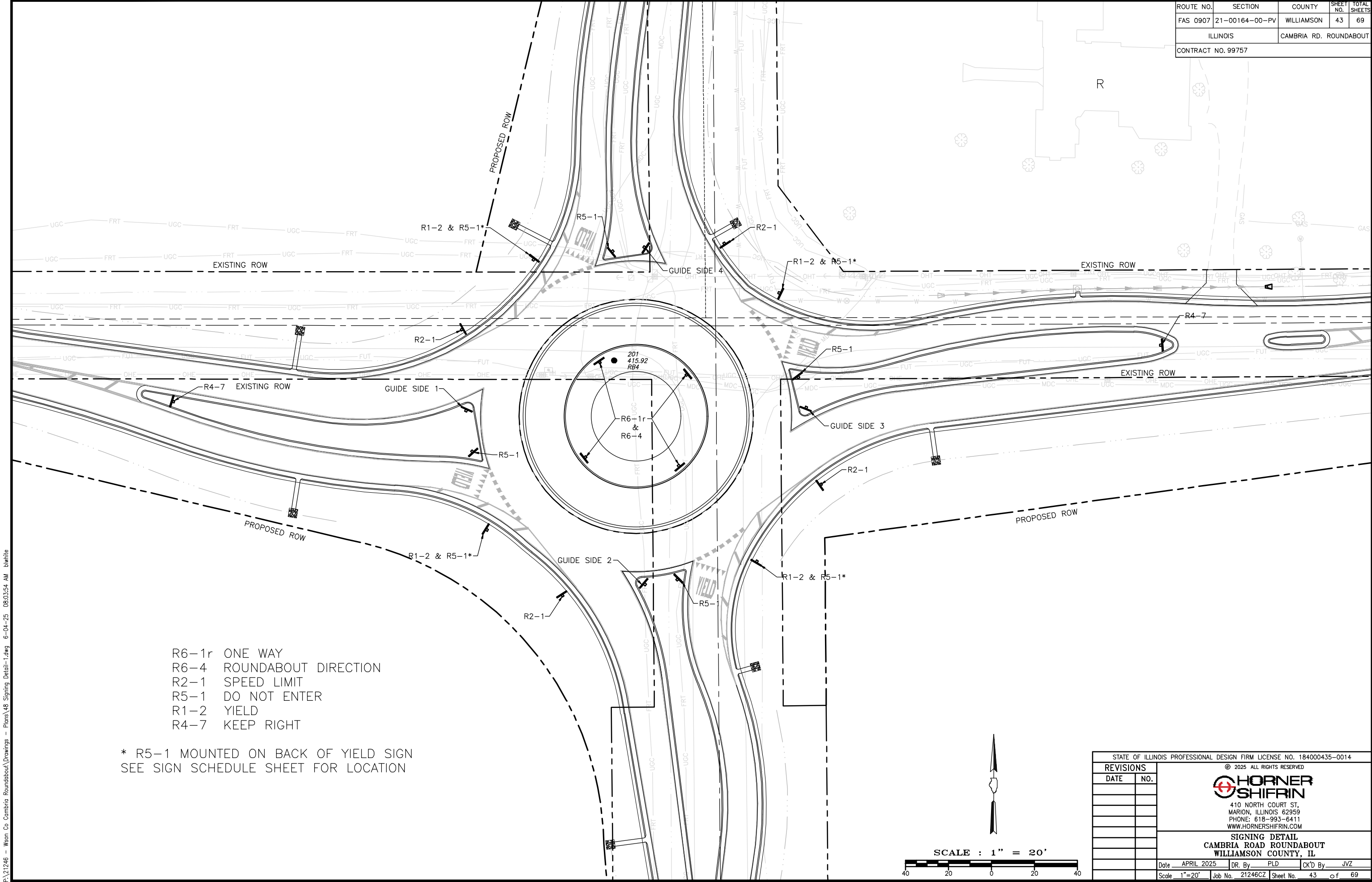
ALIGNMENT CL-90 (EXIST NORTH LEG)

POINT NO.	STATION	ELEVATION	OFFSET	POINT NO.	STATION	ELEVATION	OFFSET
F1	90+09.63	421.42	0.0'	F21	93+09.19	420.31	0.0'
F2	90+24.41	421.37	0.0'	F22	93+25.04	420.25	0.0'
F3	90+39.17	421.32	0.0'	F23	93+41.76	420.18	0.0'
F4	90+53.92	421.26	0.0'	F24	93+58.11	420.12	0.0'
F5	90+68.66	421.21	0.0'	F25	93+74.33	420.06	0.0'
F6	90+83.14	421.16	0.0'				
F7	90+98.14	421.10	0.0'				
F8	91.13.10	421.04	0.0'				
F9	91+28.10	420.98	0.0'				
F10	91+43.10	420.91	0.0'				
F11	91+58.10	420.85	0.0'				
F12	91+73.11	420.79	0.0'				
F13	91+88.13	420.72	0.0'				
F14	92+03.15	420.71	0.0'				
F15	92.18.17	420.65	0.0'				
F16	92+33.19	420.60	0.0'				
F17	92+48.21	420.54	0.0'				
F18	92+63.23	420.48	0.0'				
F19	92+78.14	420.43	0.0'				
F20	92+93.32	420.37	0.0'				

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184000435-0014			
REVISIONS		© 2025 ALL RIGHTS RESERVED  410 NORTH COURT ST, MARION, ILLINOIS 62959 PHONE: 618-993-6411 WWW.HORNERSHIFRIN.COM	
DATE	NO.		
		JOINT DETAIL - 5 CAMBRIA ROAD ROUNDABOUT WILLIAMSON COUNTY, IL	
	Date	APRIL 2025	DR. By PLD CK'D By JCZ
	Scale	1"=50'	Job No. 21246CZ Sheet No. 41 of 69

P:\21246 - Wson Co Cambria Roundabout\Drawings - Plans\48 Signing Detail-1.dwg 6-04-25 08:03:54 AM blwhite

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	43	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				



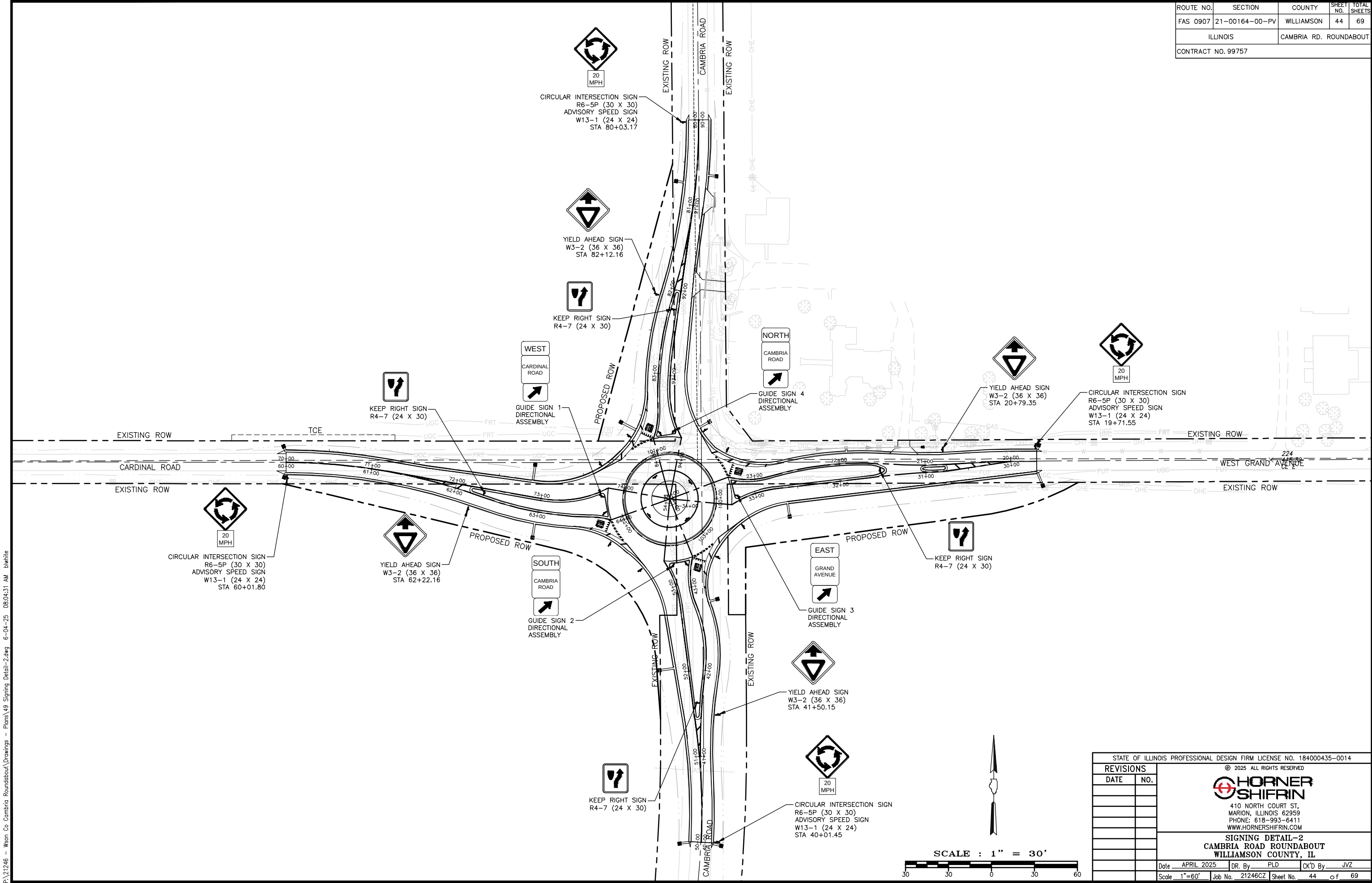
R6-1r ONE WAY
R6-4 ROUNDABOUT DIRECTION
R2-1 SPEED LIMIT
R5-1 DO NOT ENTER
R1-2 YIELD
R4-7 KEEP RIGHT

* R5-1 MOUNTED ON BACK OF YIELD SIGN
SEE SIGN SCHEDULE SHEET FOR LOCATION

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184000435-0014			
REVISIONS		© 2025 ALL RIGHTS RESERVED  410 NORTH COURT ST, MARION, ILLINOIS 62959 PHONE: 618-993-6411 WWW.HORNERSHIFRIN.COM SIGNING DETAIL CAMBRIA ROAD ROUNDABOUT WILLIAMSON COUNTY, IL	
DATE	NO.		
Date	APRIL 2025	DR. By	PLD
		CK'D By	JVZ
Scale	1"=20'	Job No.	21246CZ
		Sheet No.	43 of 69

P:\21246 - Wson Co Cambria Roundabout\Drawings - Plans\49 Signing Detail-2.dwg 6-04-25 08:04:31 AM blwhite

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	44	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				



STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184000435-0014			
REVISIONS		© 2025 ALL RIGHTS RESERVED  410 NORTH COURT ST, MARION, ILLINOIS 62959 PHONE: 618-993-6411 WWW.HORNERSHIFRIN.COM SIGNING DETAIL-2 CAMBRIA ROAD ROUNDABOUT WILLIAMSON COUNTY, IL	
DATE	NO.		
Date	APRIL 2025	DR. By	PLD
		CK'D By	JVZ
Scale	1"=60'	Job No.	21246CZ
		Sheet No.	44 of 69

P:\21246 - Wson Co Cambria Roundabout\Drawings - Plans\50 Signing Detail-3.dwg 6-04-25 08:05:07 AM bwhite

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	45	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				



GUIDE SIGN 1



GUIDE SIGN 2



GUIDE SIGN 3

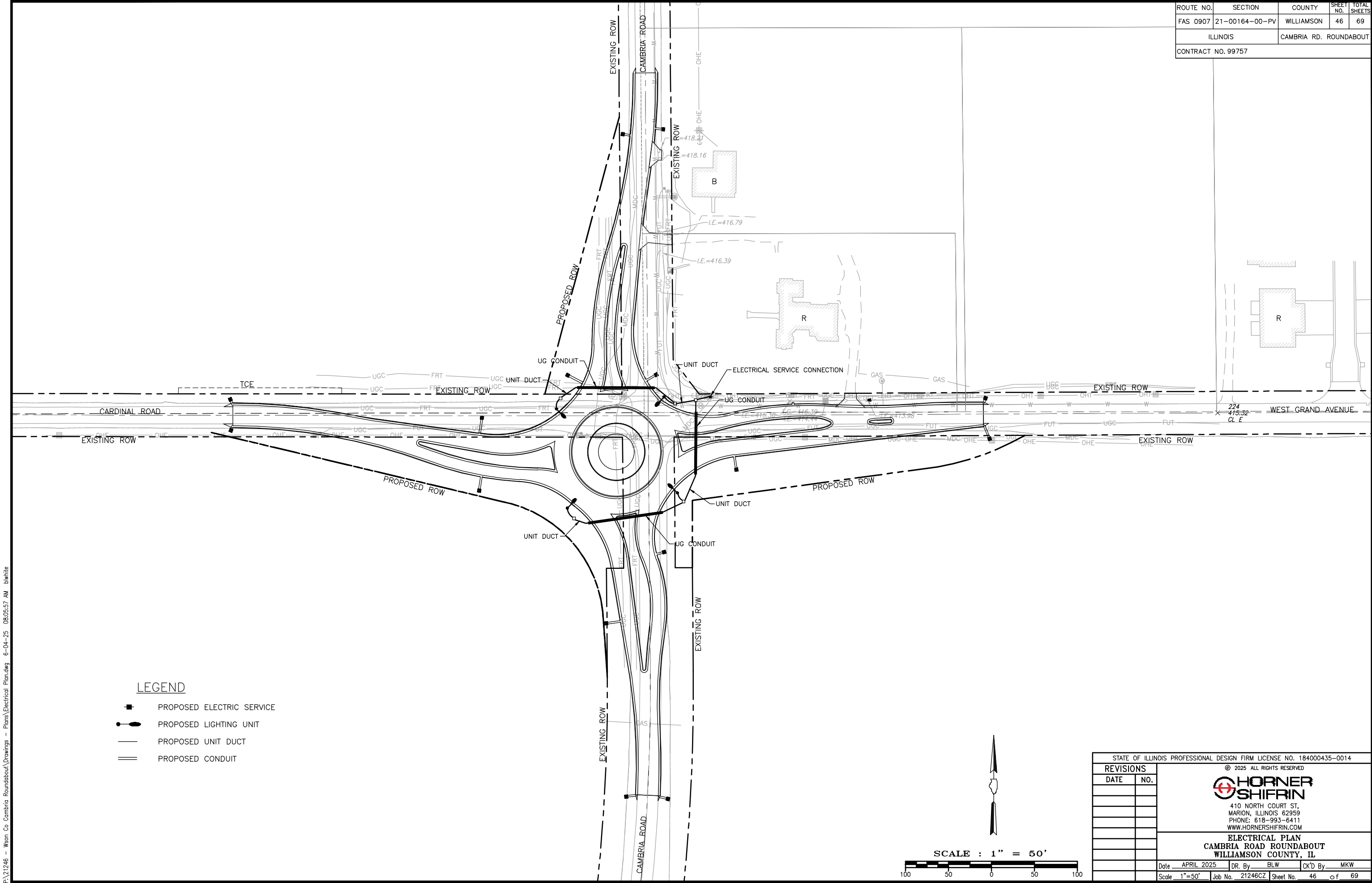


GUIDE SIGN 4

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184000435-0014			
REVISIONS		© 2025 ALL RIGHTS RESERVED  410 NORTH COURT ST, MARION, ILLINOIS 62959 PHONE: 618-993-6411 WWW.HORNERSHIFRIN.COM SIGNING DETAIL-3 CAMBRIA ROAD ROUNDABOUT WILLIAMSON COUNTY, IL	
DATE	NO.		
		Date APRIL 2025	DR. By PLD CK'D By JVZ
		Scale N.T.S.	Job No. 21246CZ Sheet No. 45 of 69

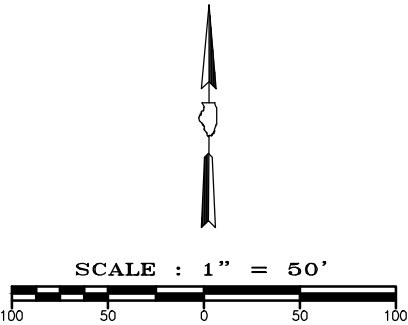
F:\21246 - Wsn Co Cambria Roundabout\Drawings - Plans\Electrical Plan.dwg 6-04-25 08:05:57 AM bwhite

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	46	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				



LEGEND

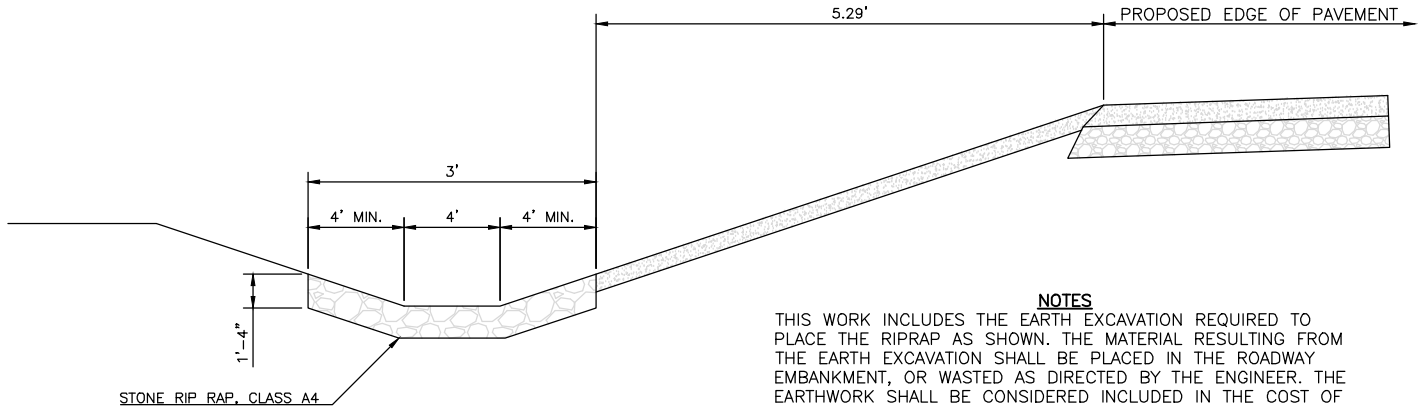
- PROPOSED ELECTRIC SERVICE
- PROPOSED LIGHTING UNIT
- PROPOSED UNIT DUCT
- PROPOSED CONDUIT



STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184000435-0014			
REVISIONS		© 2025 ALL RIGHTS RESERVED  410 NORTH COURT ST, MARION, ILLINOIS 62959 PHONE: 618-993-6411 WWW.HORNERSHIFRIN.COM ELECTRICAL PLAN CAMBRIA ROAD ROUNDABOUT WILLIAMSON COUNTY, IL	
DATE	NO.		
		Date	APRIL 2025
		DR. By	BLW
		CK'D By	MKW
		Scale	1"=50'
		Job No.	21246CZ
		Sheet No.	46 of 69

P:\21246 - Wson Co Cambria Roundabout\Drawings - Plans\51-52 Misc_Details-1.dwg 6-04-25 08:06:34 AM bwhite

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	47	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				



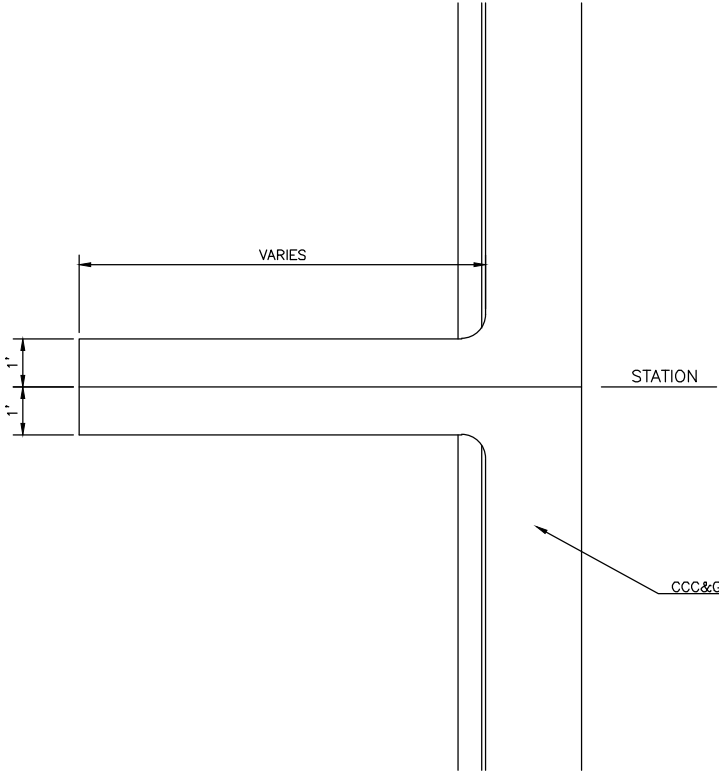
NOTES

THIS WORK INCLUDES THE EARTH EXCAVATION REQUIRED TO PLACE THE RIPRAP AS SHOWN. THE MATERIAL RESULTING FROM THE EARTH EXCAVATION SHALL BE PLACED IN THE ROADWAY EMBANKMENT, OR WASTED AS DIRECTED BY THE ENGINEER. THE EARTHWORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE DITCH.

THE RIPRAP DITCH SHALL BE CONSTRUCTED AT THE LOCATIONS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER. CONSTRUCTION OF THE STONE RIPRAP DITCH SHALL CONFORM TO THE REQUIREMENTS FOR CLASS A4 RIPRAP AS INDICATED IN SECTION 281 OF STANDARD SPECIFICATIONS.

THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ YD FOR **STONE RIPRAP, CLASS A4**, WHICH PRICE SHALL INCLUDE ALL MATERIAL, LABOR AND EQUIPMENT TO COMPLETE THE WORK IN PLACE AS SHOWN.

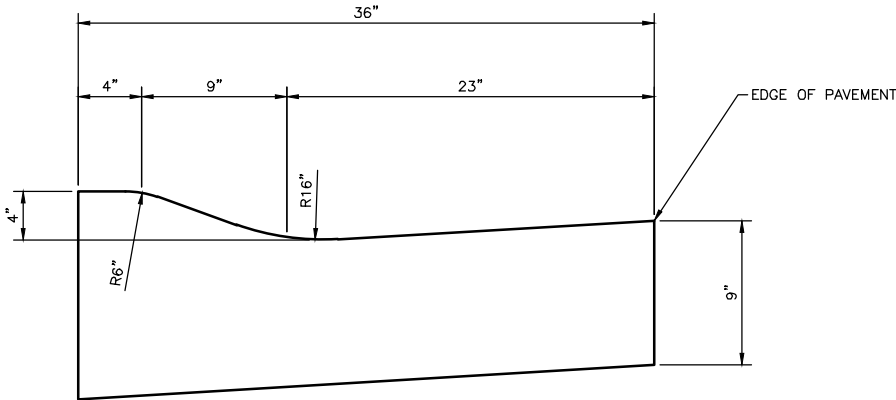
BEDDING MATERIAL AND FILTER FABRIC AS SPECIFIED IN SECTION 281 OF THE STANDARD SPECIFICATIONS WILL NOT BE REQUIRED.



TO BE USED		
STA 21+90.78	- EL =	418.62
STA 32+63.30	- EL =	418.02
STA 42+75.34	- EL =	418.25
STA 52+05.40	- EL =	417.62
STA 62+98.87	- EL =	417.46
STA 72+86.72	- EL =	417.27
STA 80+73.90	- EL =	420.06
STA 83+71.02	- EL =	418.65

CURB OUTLET DETAIL

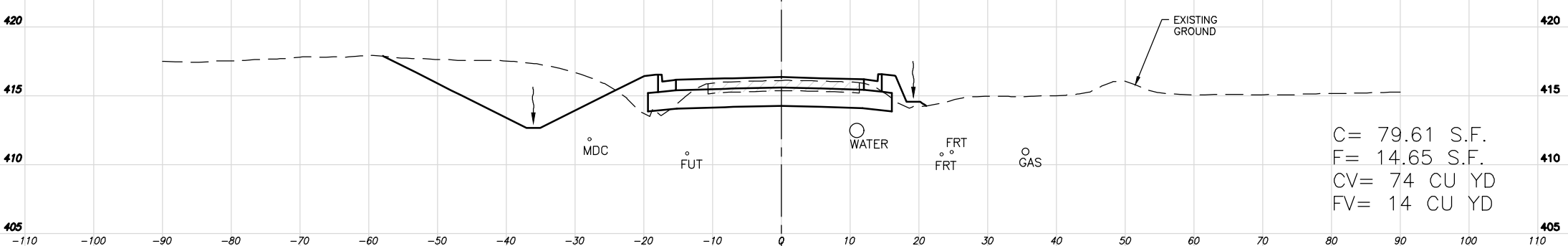
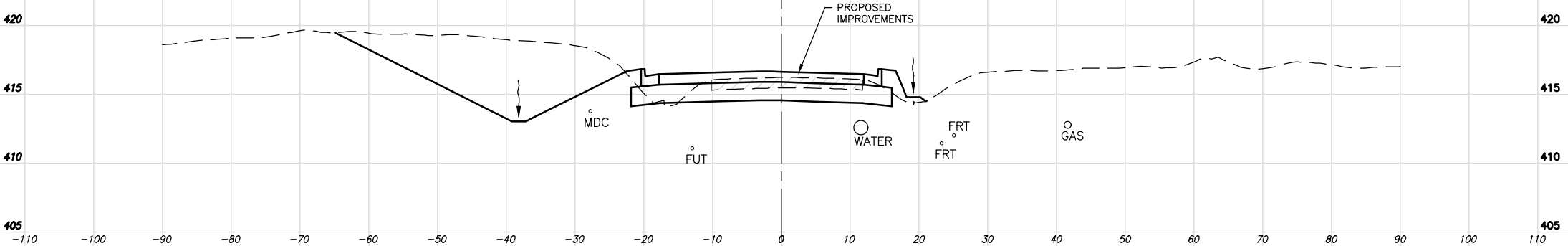
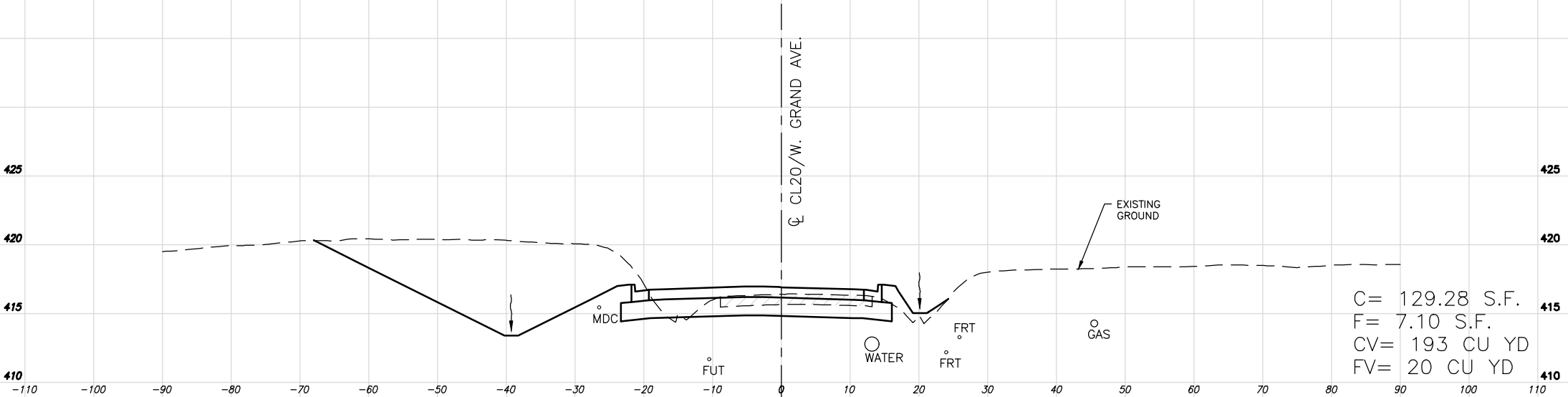
NOT TO SCALE



COMBINATION CONCRETE
CURB AND GUTTER, TYPE M
(SPECIAL)

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184000435-0014				
REVISIONS		© 2025 ALL RIGHTS RESERVED  410 NORTH COURT ST, MARION, ILLINOIS 62959 PHONE: 618-993-6411 WWW.HORNERSHIFRIN.COM MISCELLANEOUS DETAIL-1 CAMBRIA ROAD ROUNDABOUT WILLIAMSON COUNTY, IL		
DATE	NO.			
Date		APRIL 2025	DR. By	PLD
			CK'D By	JVZ
Scale		N.T.S.	Job No.	21246CZ
			Sheet No.	47 of 69

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	48	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				



P:\21246 - Wron Co Cambria Roundabout\Drawings - Plans\53-63 X-Sections.dwg 6-04-25 08:40:54 AM blwhite

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	49	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				

PRIVATE
ENTRANCE

PRIVATE
ENTRANCE

STA: 21+25.00
East Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'

STA: 21+00.00
East Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'

STA: 20+75.00
East Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'

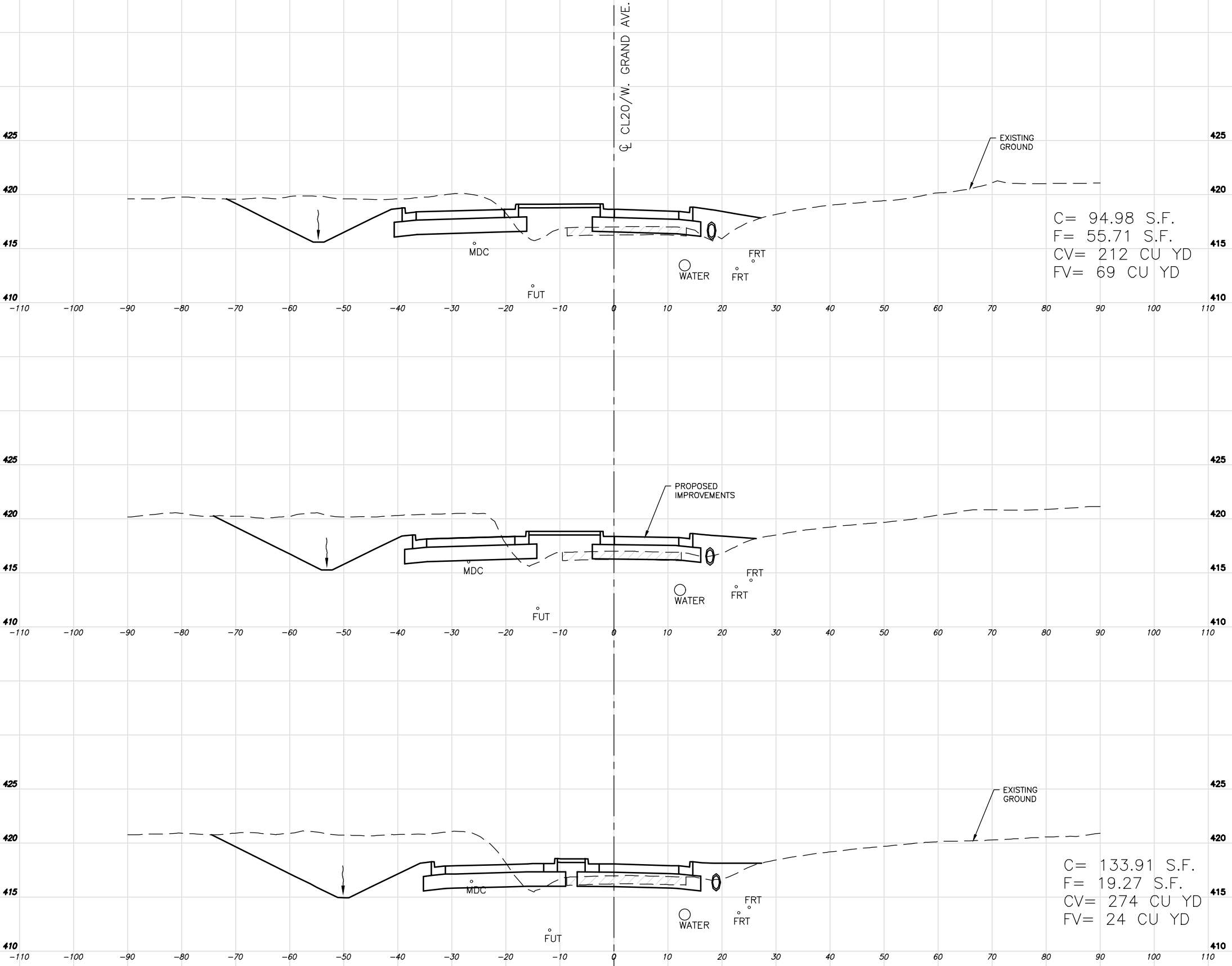
C= 162.32 S.F.
F= 6.83 S.F.
CV= 270 CU YD
FV= 13 CU YD

WEST GRAND AVENUE ENTRANCE - STA: 20+75 TO 21+25

PROJECT No. 21246CZ
SHT. 49 OF 69

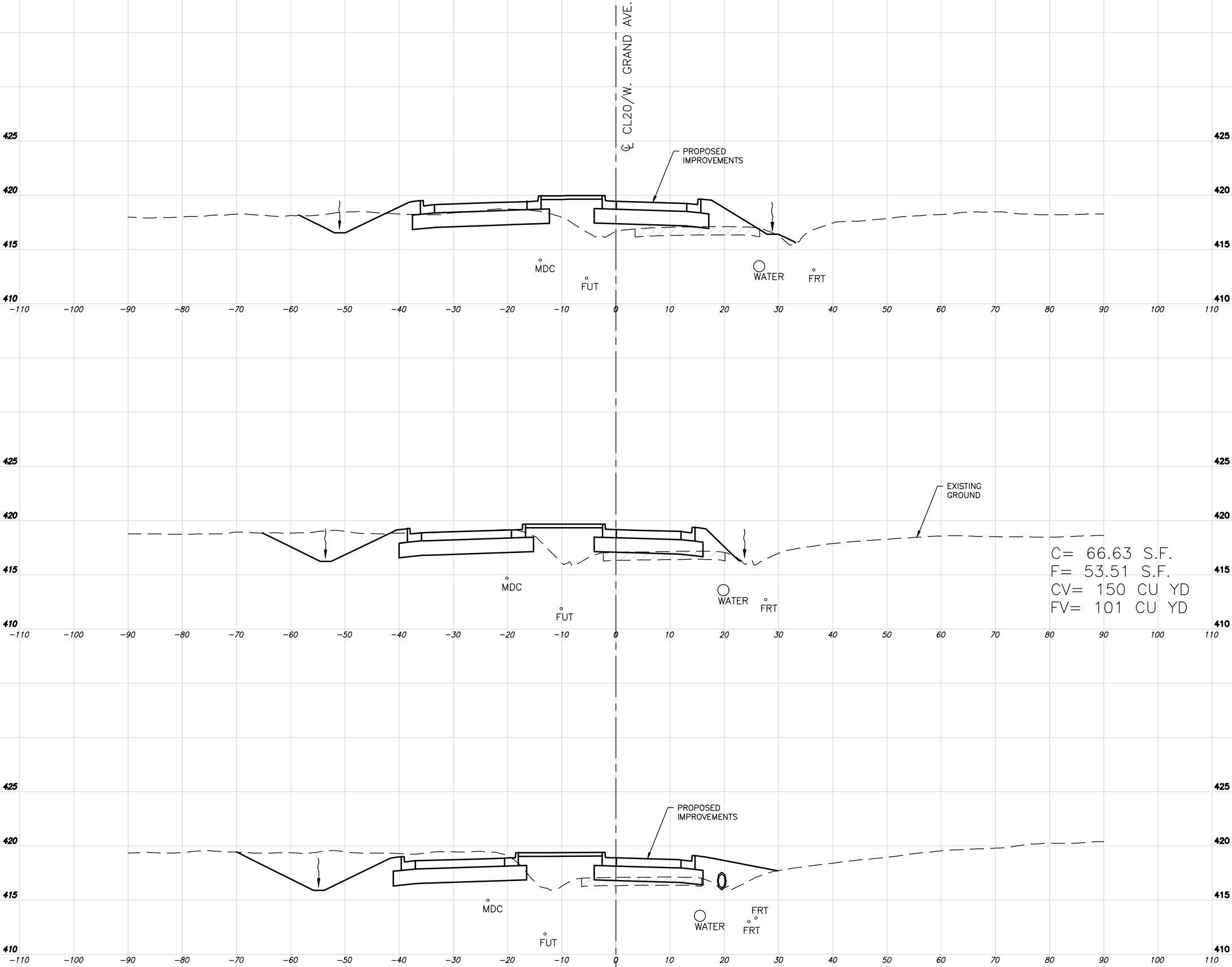
C:\Users\blwhite\AppData\Local\Temp\vePublish\306A\33-63 X-Sections.dwg 6-03-25 10:56:19 AM blwhite

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	50	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				



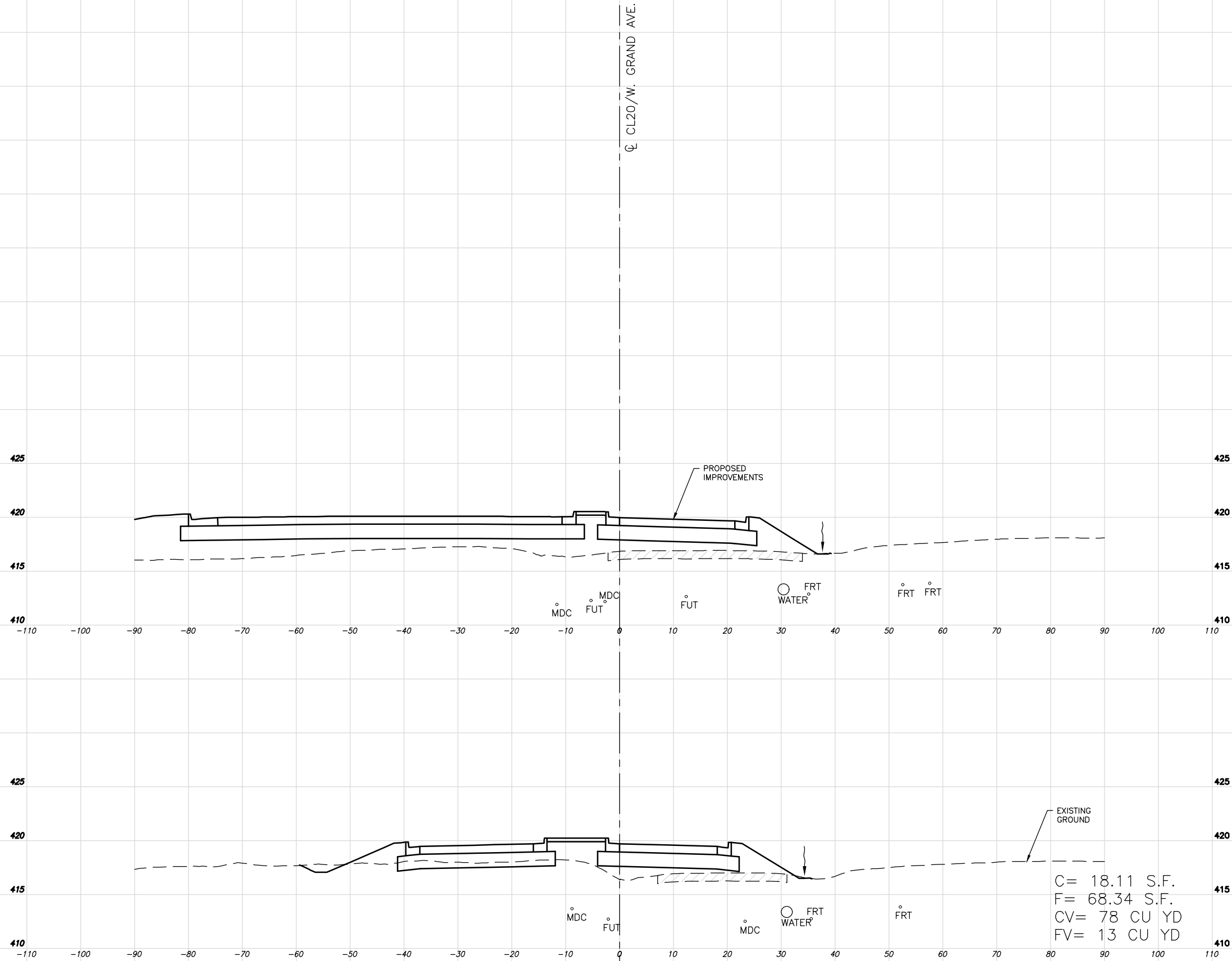
C:\Users\blwhite\AppData\Local\Temp\vePublish\306A\53-63 X-Sections.dwg 6-03-25 10:56:22 AM blwhite

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	51	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				



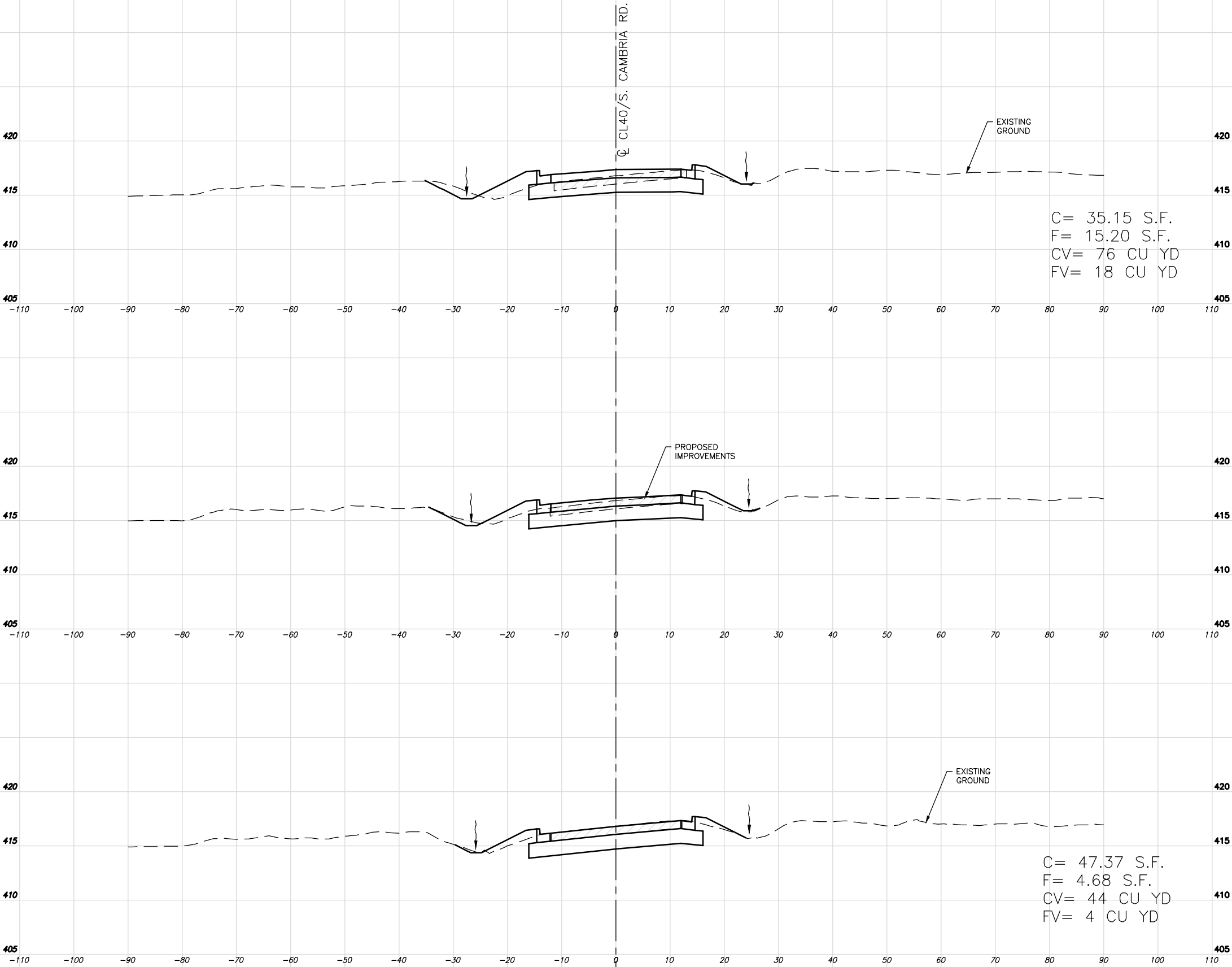
C:\Users\blwhite\AppData\Local\Temp\vePublish\306A\53-63 X-Sections.dwg 6-03-25 10:56:25 AM blwhite

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	52	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				



C:\Users\blwhite\AppData\Local\Temp\XePublish_306A\53-63 X-Sections.dwg 6-03-25 10:56:28 AM blwhite

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	53	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				



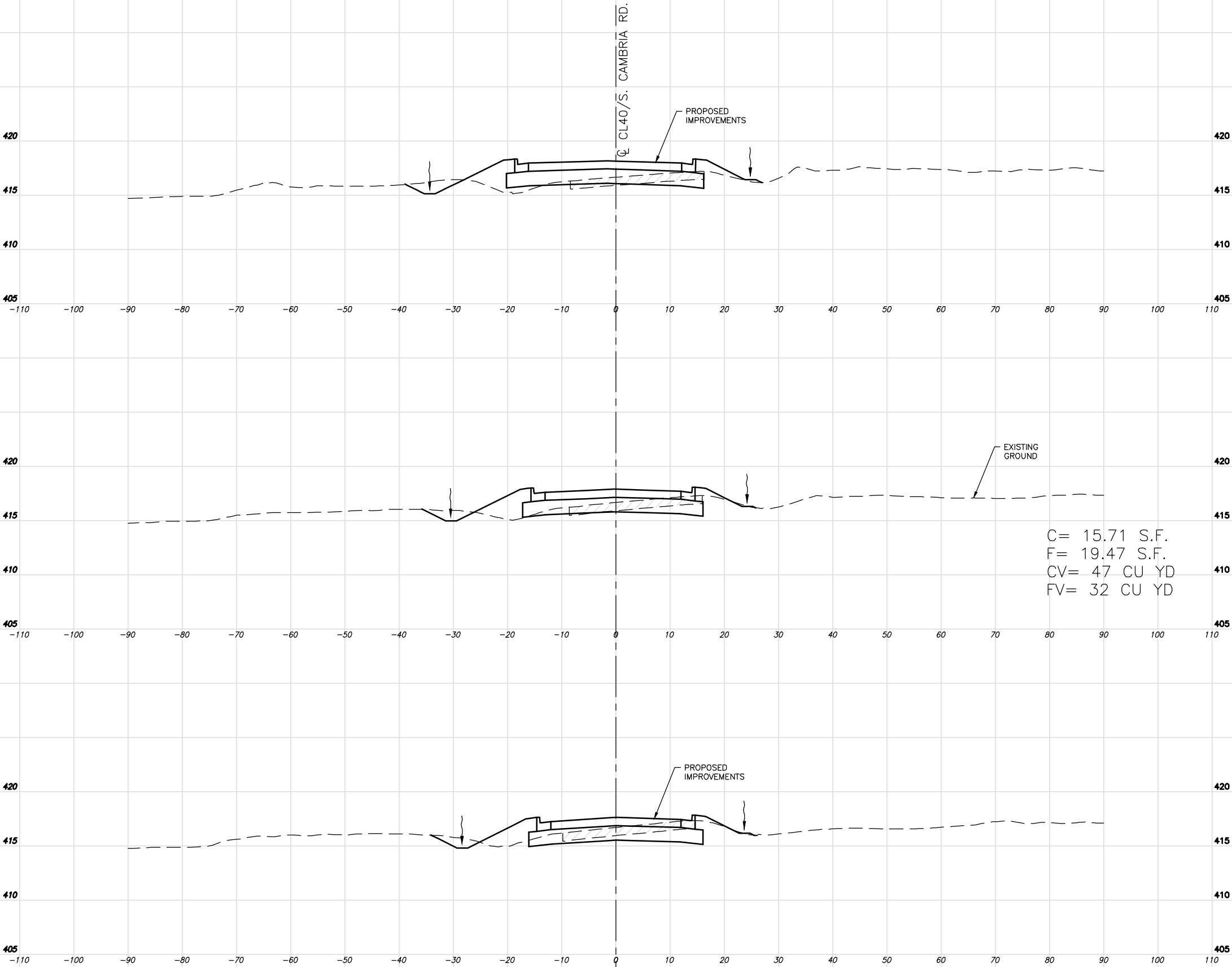
STA: 40+50.00
South Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'

STA: 40+25.00
South Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'

STA: 40+00.00
South Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'

C:\Users\blwhite\AppData\Local\Temp\Veripublish_306A\53-63 X-Sections.dwg 6-03-25 10:56:31 AM blwhite

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	54	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				



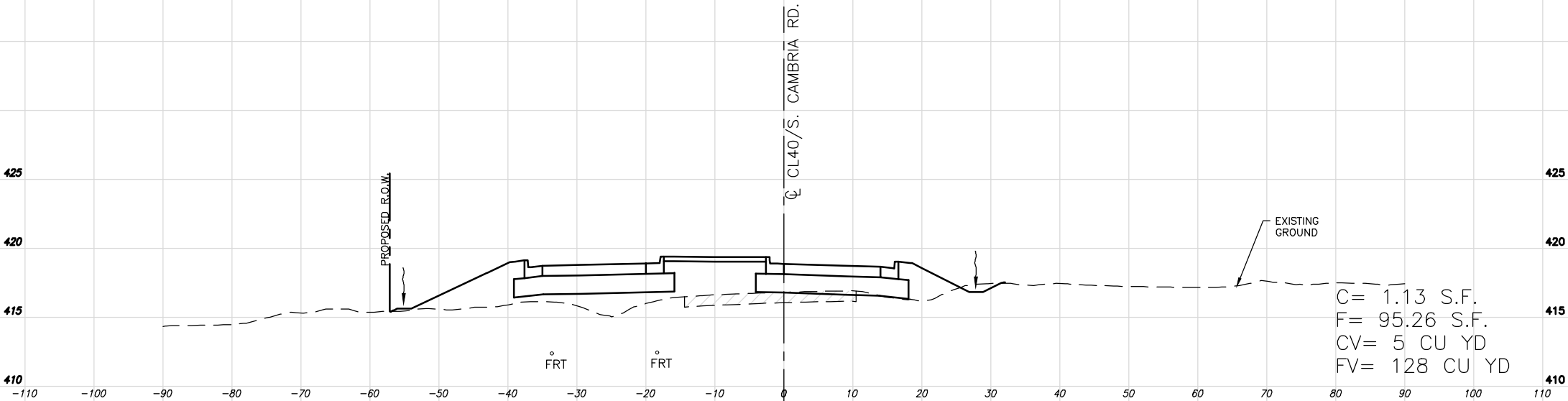
STA: 41+25.00
South Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'

STA: 41+00.00
South Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'

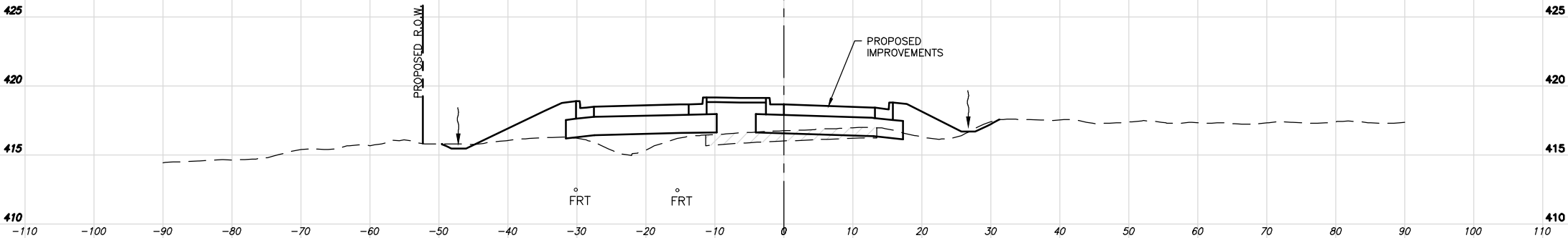
STA: 40+75.00
South Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'

SOUTH CAMBRIA ROAD ENTRANCE - STA: 40+75 TO 41+25

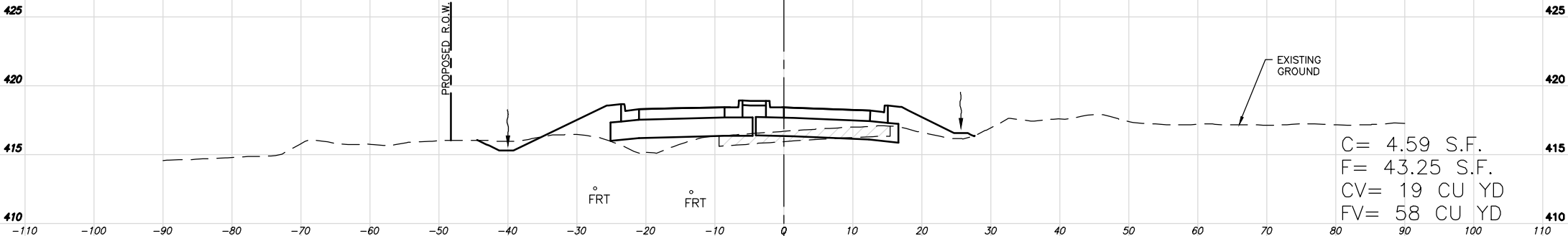
ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	55	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				



STA: 42+00.00
South Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'



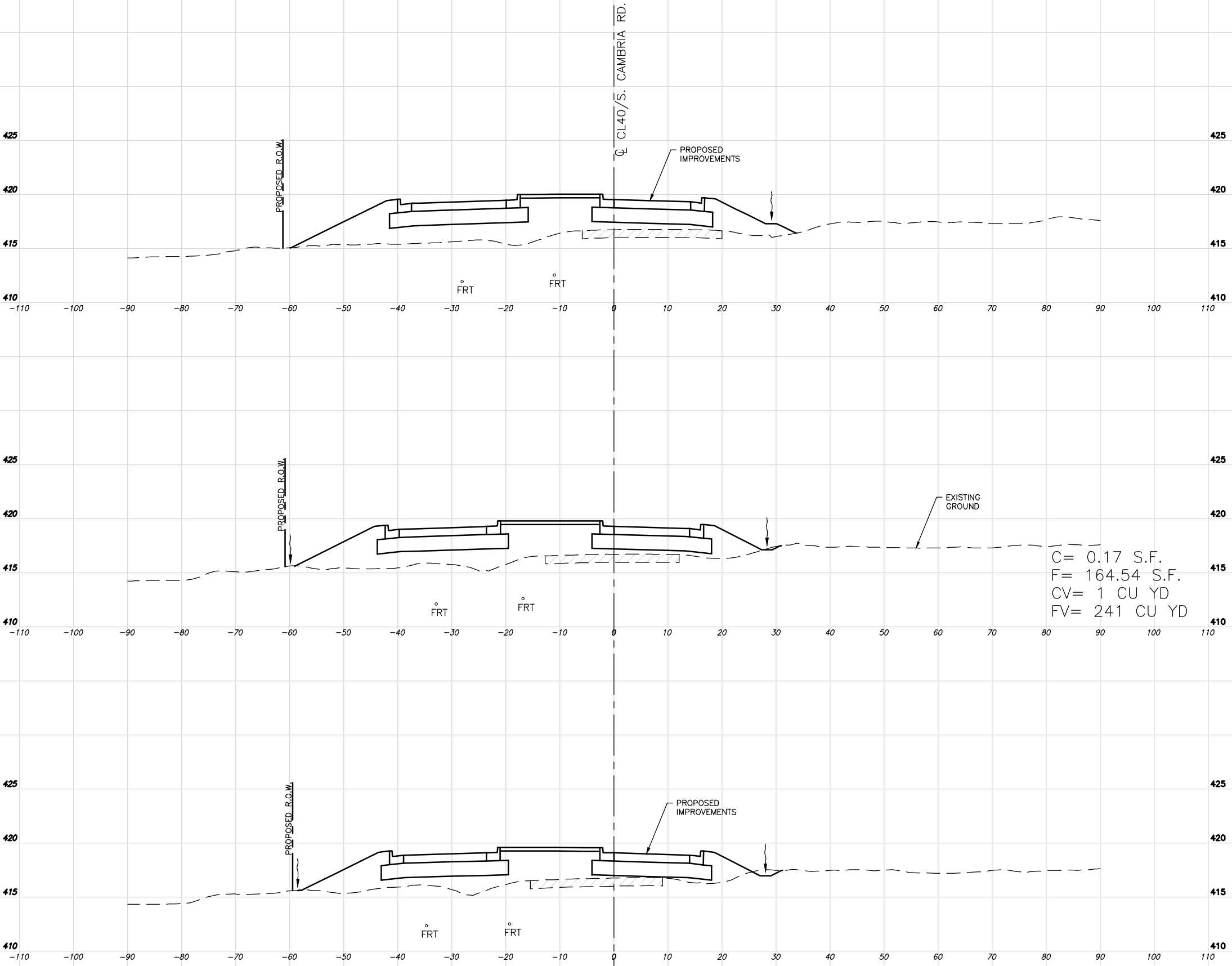
STA: 41+75.00
South Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'



STA: 41+50.00
South Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'

C:\Users\blwhite\AppData\Local\Temp\XePublish_306A\53-63 X-Sections.dwg 6-03-25 10:56:38 AM blwhite

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	56	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				



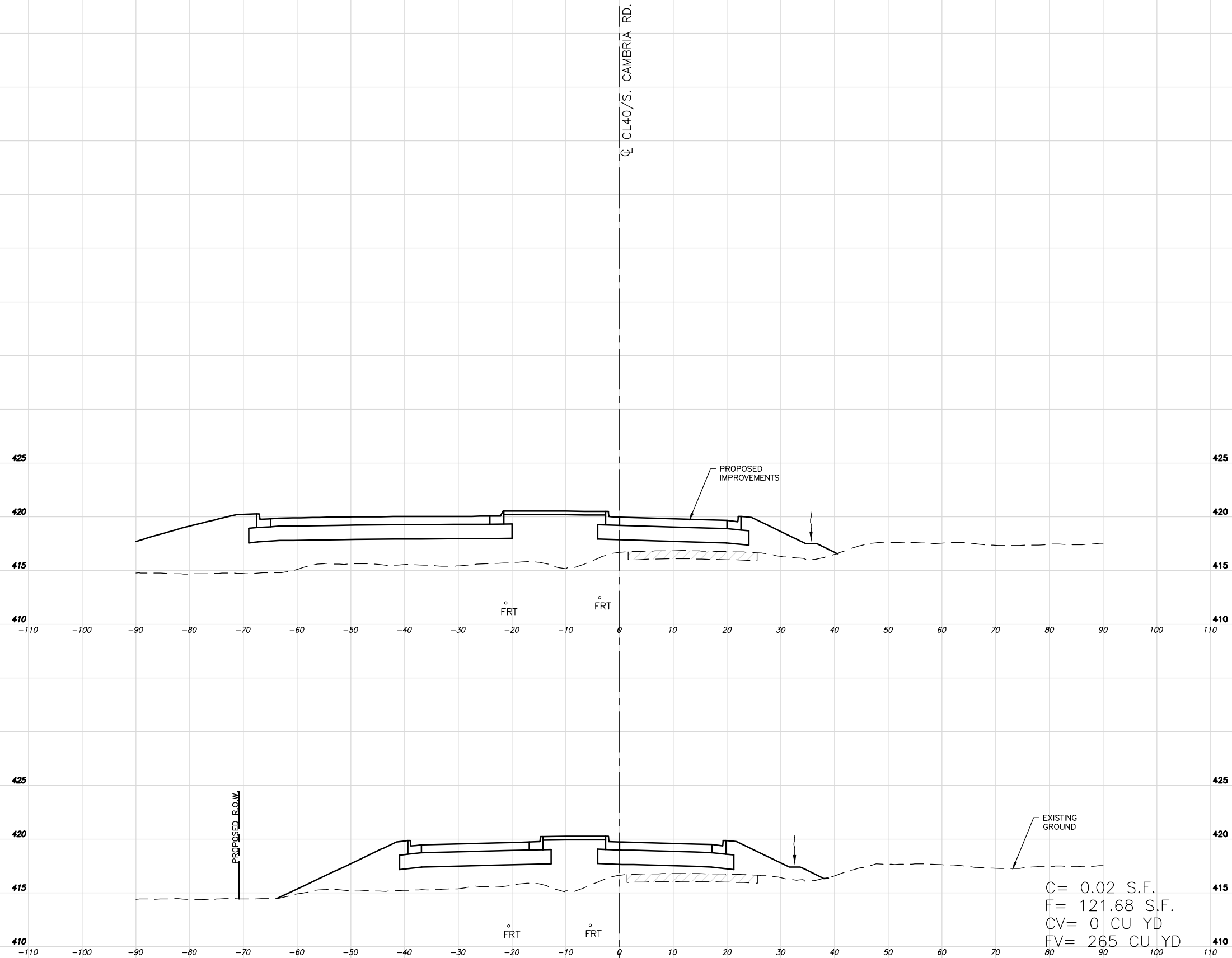
STA: 42+75.00
South Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'

STA: 42+50.00
South Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'

STA: 42+25.00
South Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'

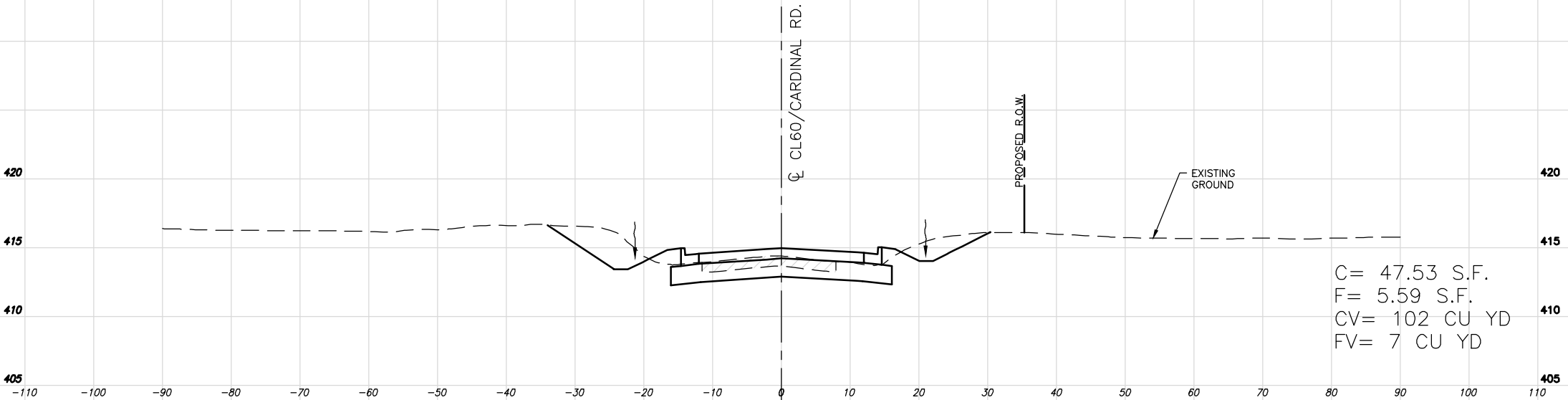
C:\Users\blwhite\AppData\Local\Temp\vePublish_306A\33-63 X-Sections.dwg 6-03-25 10:56:41 AM blwhite

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	57	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				

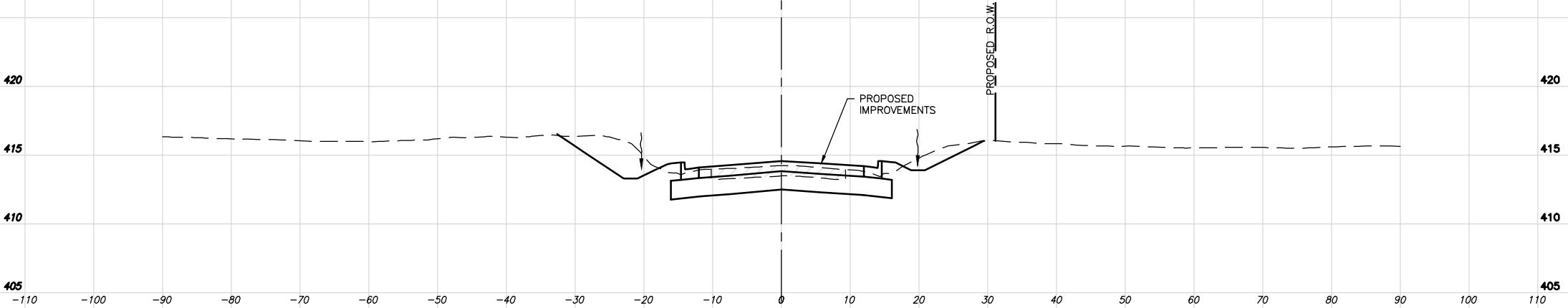


SOUTH CAMBRIA ROAD ENTRANCE - STA: 43+00 TO 43+25

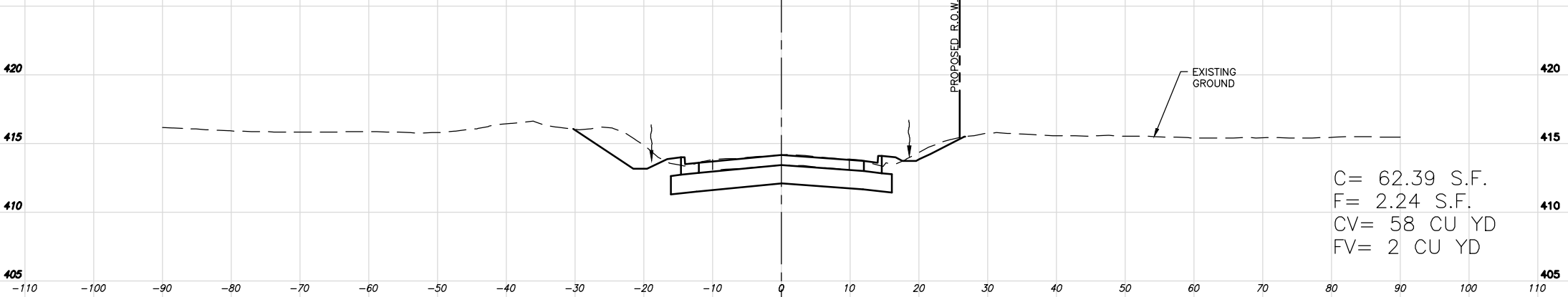
ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	58	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				



STA: 60+50.00
West Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'



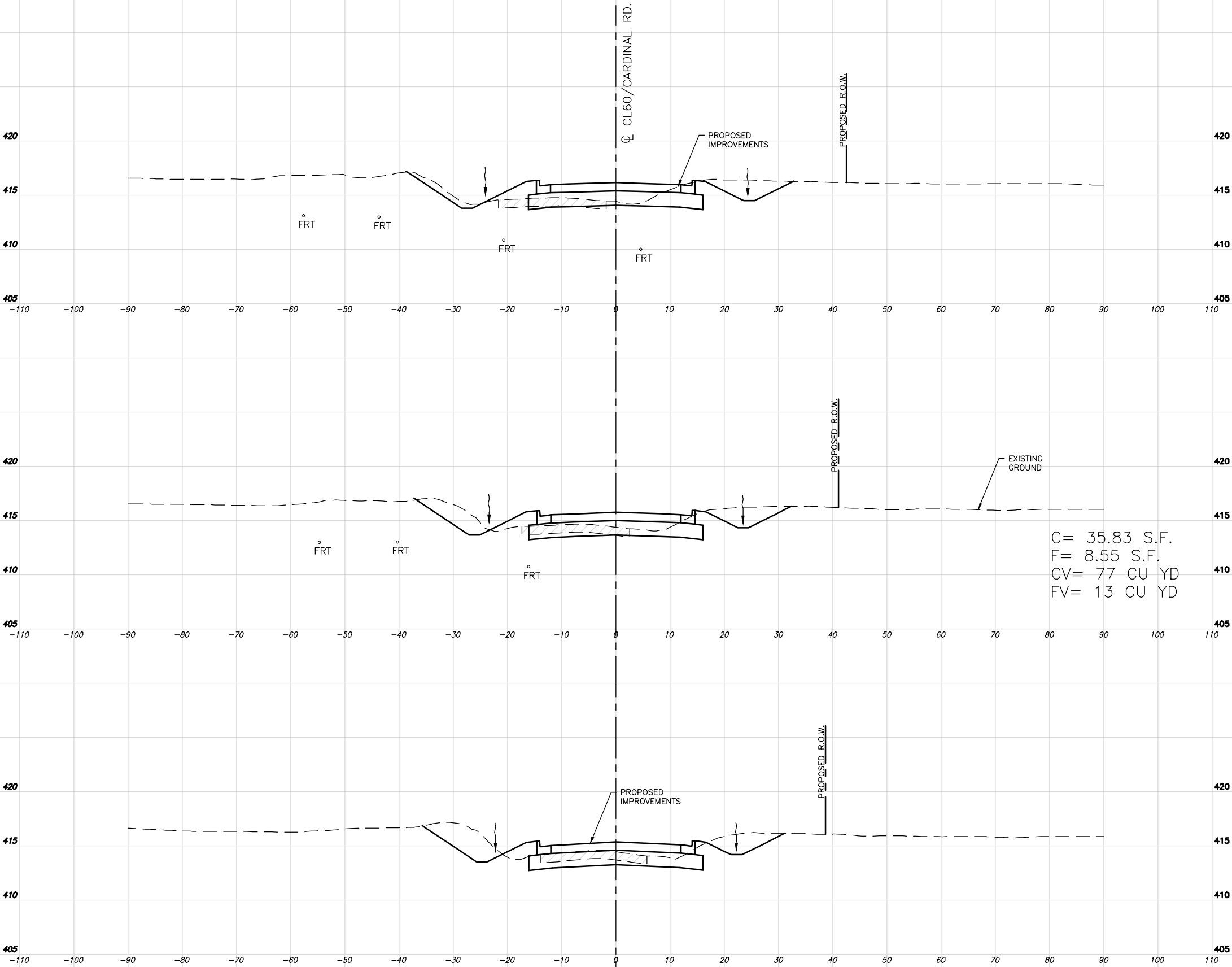
STA: 60+25.00
West Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'



STA: 60+00.00
West Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'

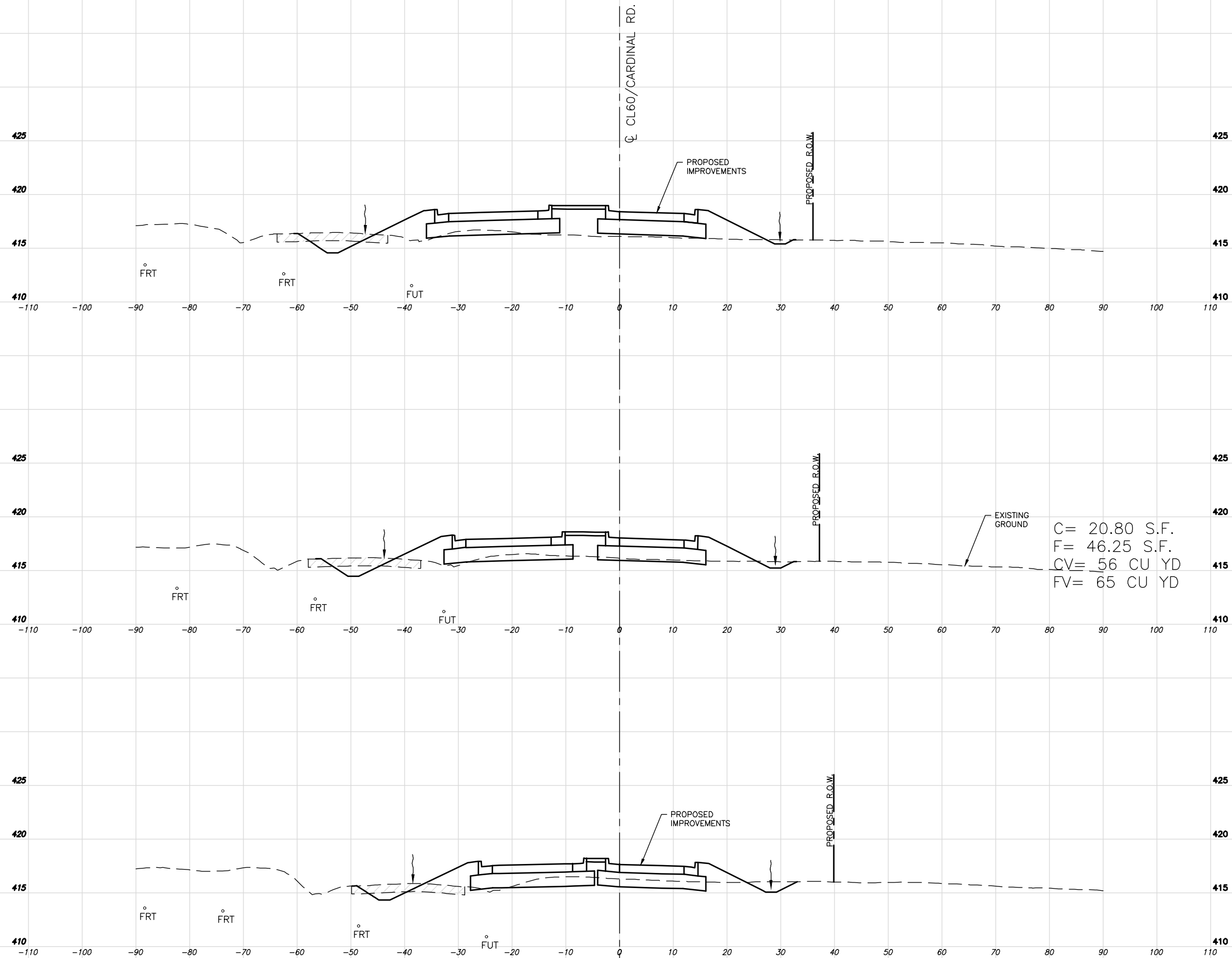
C:\Users\blwhite\AppData\Local\Temp\vePublish\306A\53-63 X-Sections.dwg 6-03-25 10:56:47 AM blwhite

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	59	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				



C:\Users\blwhite\AppData\Local\Temp\vePublish\306A\64-74 X-Sections.dwg 6-03-25 11:07:09 AM blwhite

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	61	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				



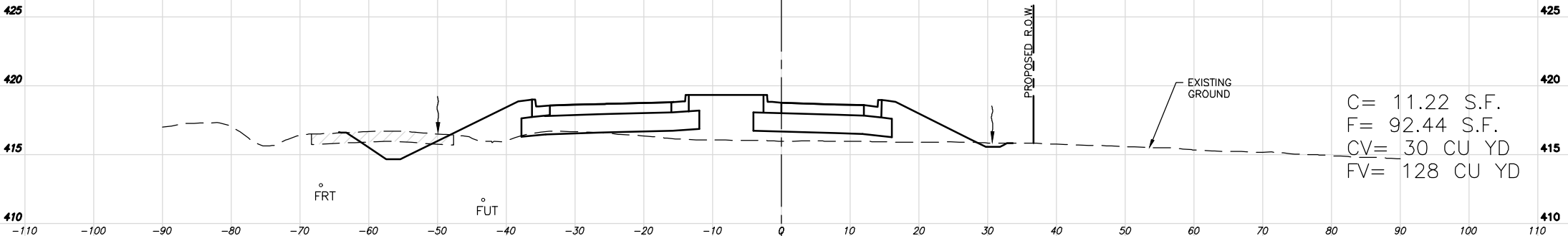
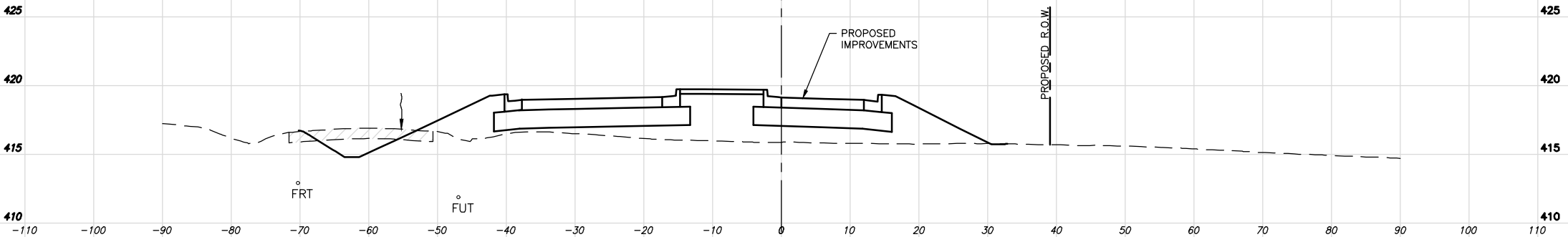
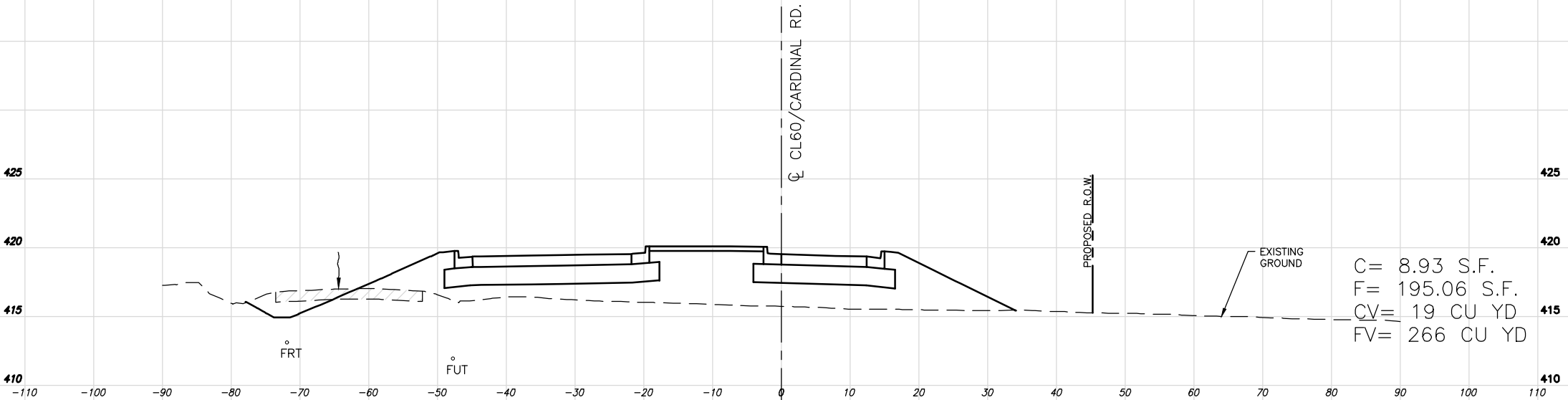
STA: 62+75.00
West Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'

STA: 62+50.00
West Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'

STA: 62+25.00
West Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'

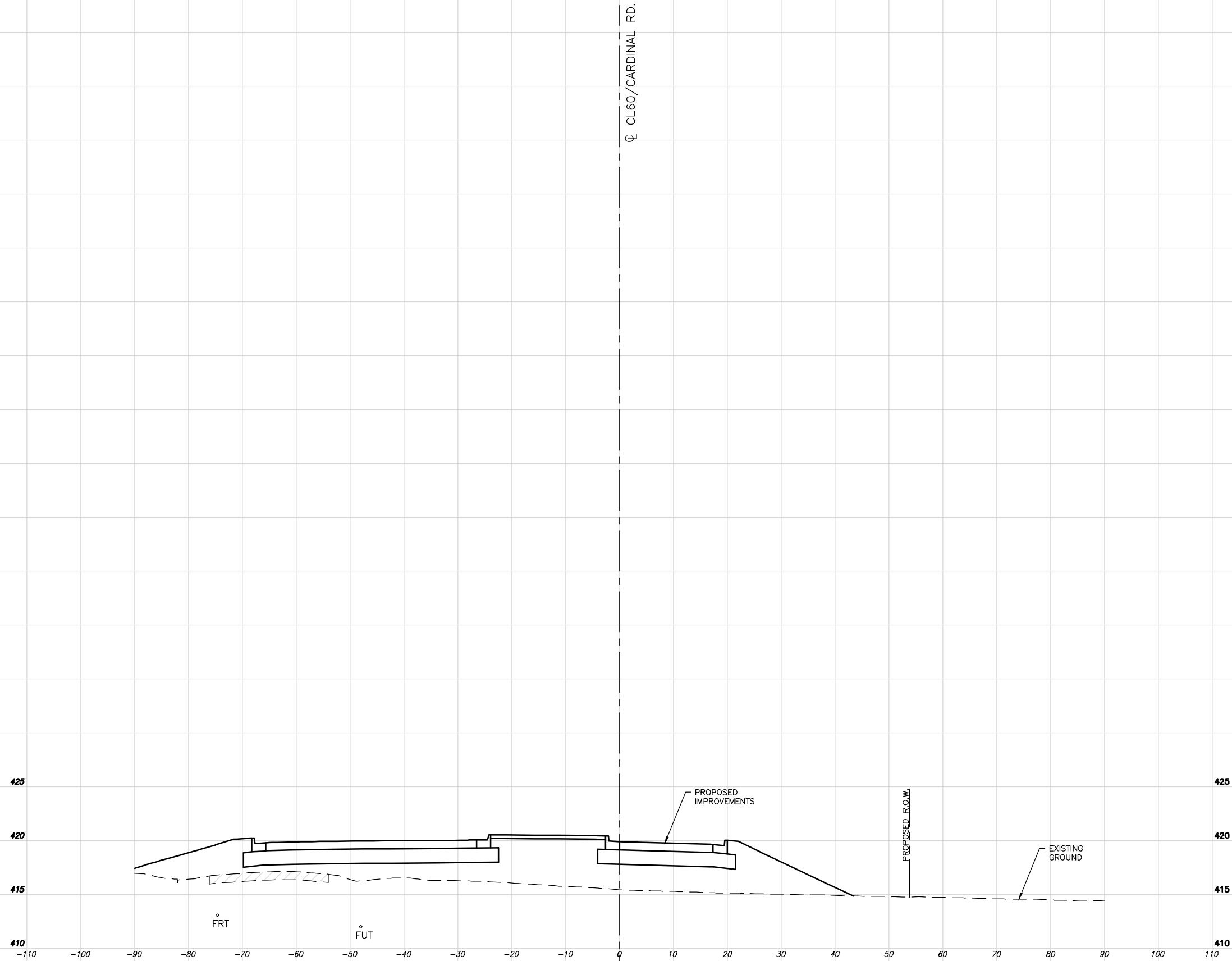
C:\Users\blwhite\AppData\Local\Temp\vePublish\306A\64-74 X-Sections.dwg 6-03-25 11:07:15 AM blwhite

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	62	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				



C:\Users\blwhite\AppData\Local\Temp\XePublish_306A\64-74 X-Sections.dwg 6-03-25 11:07:19 AM blwhite

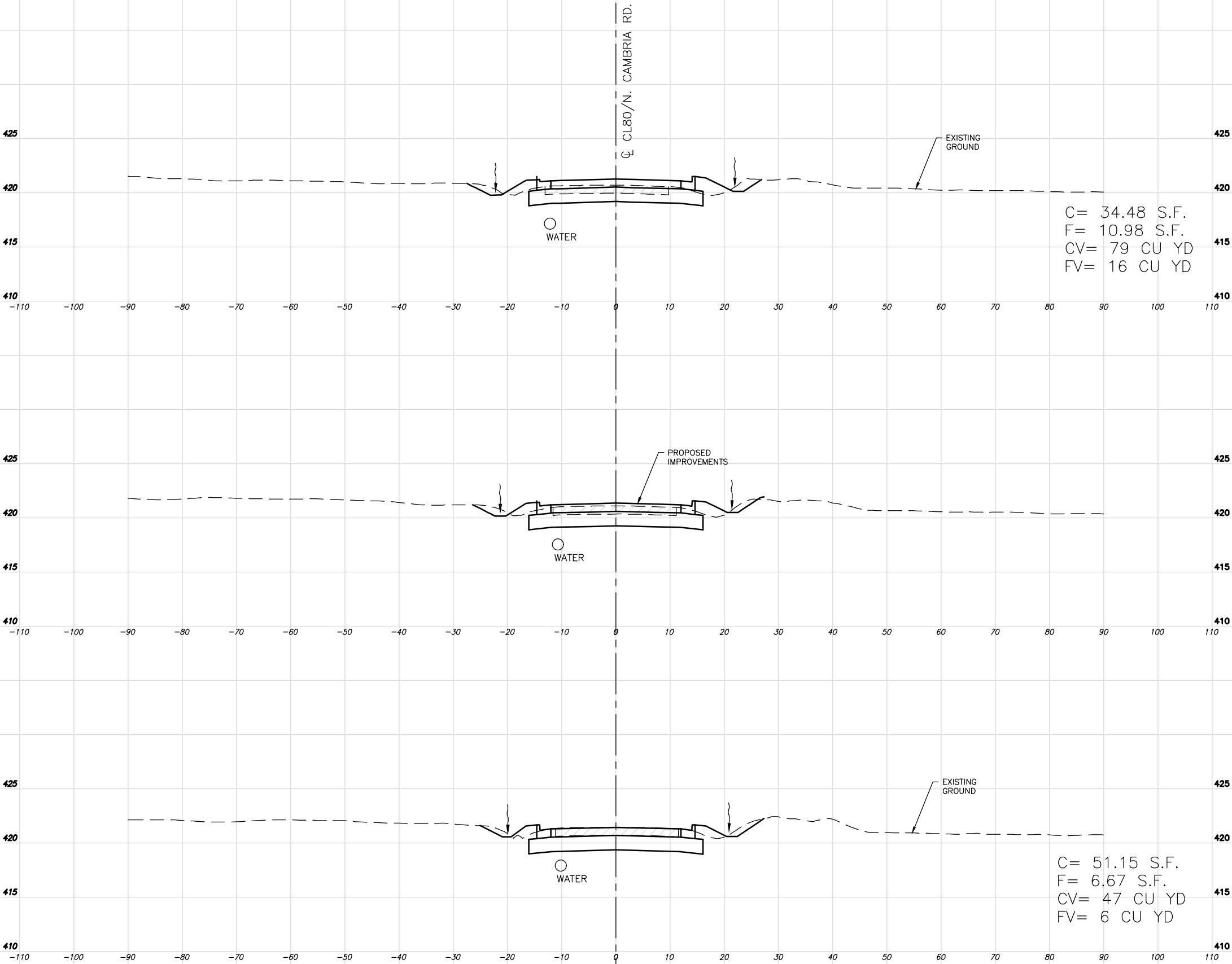
ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	63	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				



STA: 63+75.00
West Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'

C:\Users\blwhite\AppData\Local\Temp\vePublish\306\64-74 X-Sections.dwg 6-03-25 11:07:22 AM blwhite

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	64	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				



STA: 80+50.00
North Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'

STA: 80+25.00
North Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'

STA: 80+00.00
North Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'

C:\Users\blwhite\AppData\Local\Temp\vePublish\306A\64-74 X-Sections.dwg 6-03-25 11:07:25 AM blwhite

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	65	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				

STA: 81+25.00
North Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'

STA: 81+00.00
North Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'

STA: 80+75.00
North Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'

C= 14.45 S.F.
F= 23.09 S.F.
CV= 45 CU YD
FV= 32 CU YD

C:\Users\blwhite\AppData\Local\Temp\vePublish\306A\64-74 X-Sections.dwg 6-03-25 11:07:29 AM blwhite

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	66	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				

BUSINESS
ENTRANCE

425

420

415

410

-110

-100

-90

-80

-70

-60

-50

-40

-30

-20

-10

0

10

20

30

40

50

60

70

80

90

100

110

FRT

FRT

FUT

WATER

MDC

FRT

FRT

FRT

FRT

FRT

C= 1.51 S.F.
F= 53.16 S.F.
CV= 12 CU YD
FV= 76 CU YD

BUSINESS
ENTRANCE

425

420

415

410

STA: 82+00.00
North Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'

BUSINESS
ENTRANCE

425

420

415

410

-110

-100

-90

-80

-70

-60

-50

-40

-30

-20

-10

0

10

20

30

40

50

60

70

80

90

100

110

FRT

FRT

FUT

WATER

MDC

FRT

CLASS D, TYPE 1

PROPOSED IMPROVEMENTS

PROPOSED R.O.W.

BUSINESS
ENTRANCE

425

420

415

410

STA: 81+75.00
North Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'

425

420

415

410

-110

-100

-90

-80

-70

-60

-50

-40

-30

-20

-10

0

10

20

30

40

50

60

70

80

90

100

110

GAS

FRT

FRT

FUT

WATER

MDC

C= 11.92 S.F.
F= 29.01 S.F.
CV= 24 CU YD
FV= 48 CU YD

PROPOSED R.O.W.

EXISTING GROUND

BUSINESS
ENTRANCE

425

420

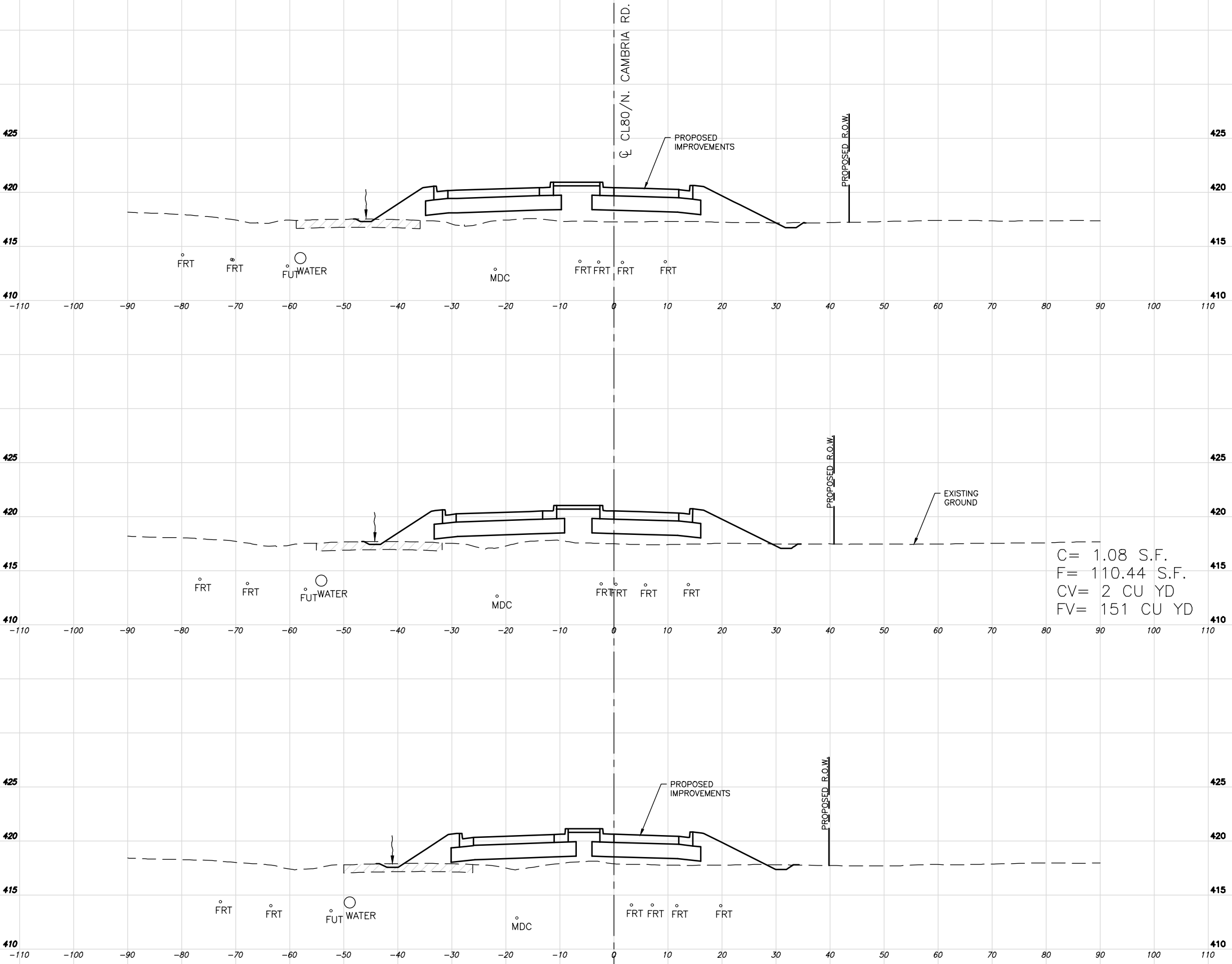
415

410

STA: 81+50.00
North Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'

C:\Users\blwhite\AppData\Local\Temp\vePublish\306A\64-74 X-Sections.dwg 6-03-25 11:07:32 AM blwhite

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	67	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				



STA: 82+75.00
North Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'

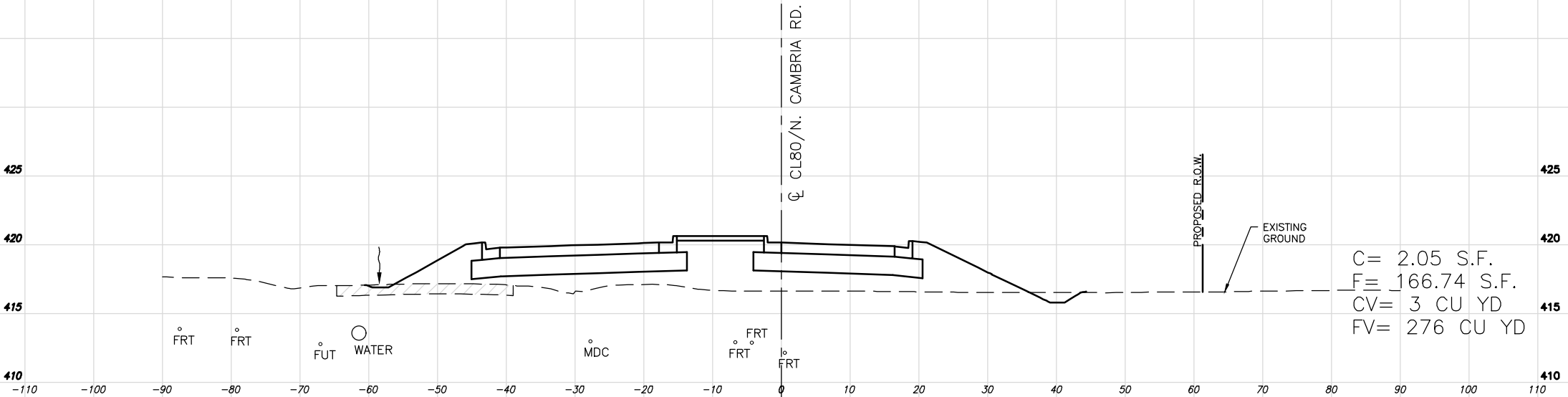
C= 1.08 S.F.
F= 110.44 S.F.
CV= 2 CU YD
FV= 151 CU YD

STA: 82+50.00
North Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'

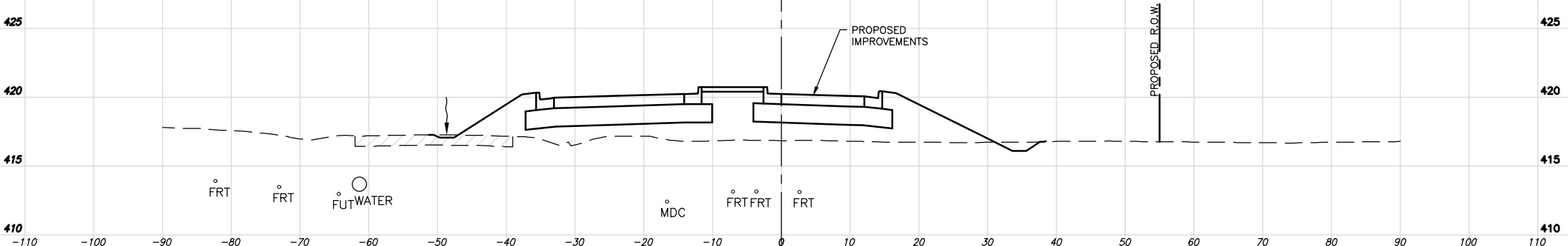
STA: 82+25.00
North Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'

C:\Users\blwhite\AppData\Local\Temp\XePublish_306A\64-74 X-Sections.dwg 6-03-25 11:07:35 AM blwhite

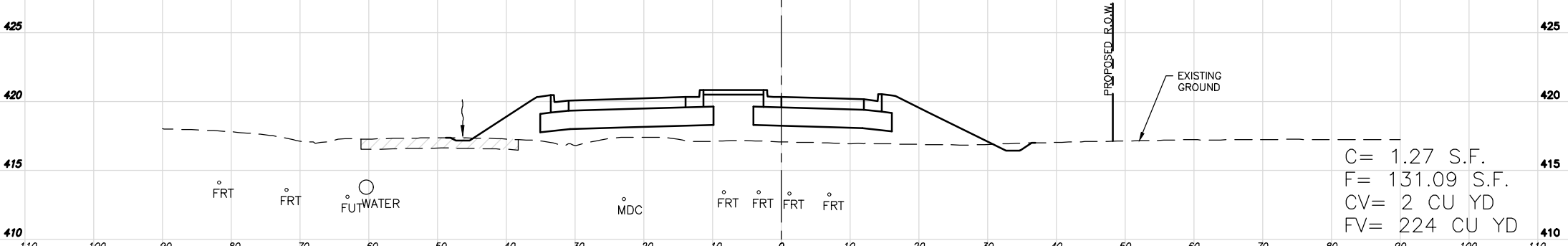
ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	68	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				



STA: 83+50.00
North Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'



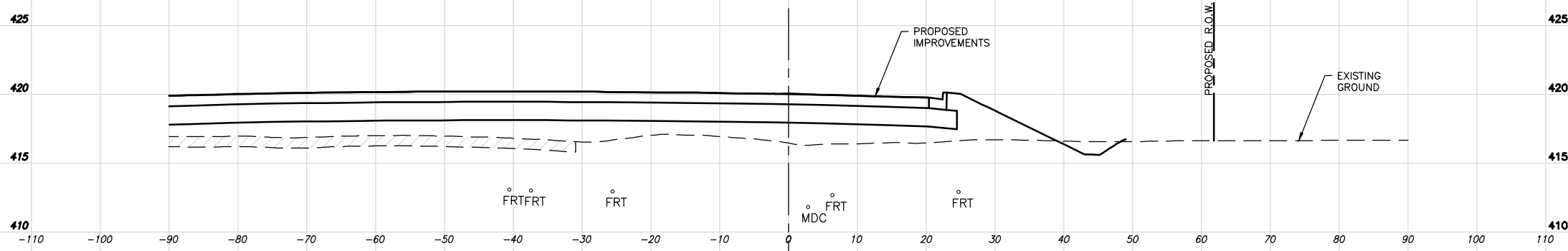
STA: 83+25.00
North Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'



STA: 83+00.00
North Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'

NORTH CAMBRIA ROAD ENTRANCE - STA: 83+00 TO 83+50

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
FAS 0907	21-00164-00-PV	WILLIAMSON	69	69
ILLINOIS		CAMBRIA RD. ROUNDABOUT		
CONTRACT NO. 99757				



STA: 83+75.00
North Leg Entrance
SCALE:
HORZ - 1"=10'
VERT - 1"=5'