

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9588	19-00072-00-RS	WILLIAMSON	31	01
ILLINOIS		E. HERRIN STREET		

CONTRACT NO. 99666

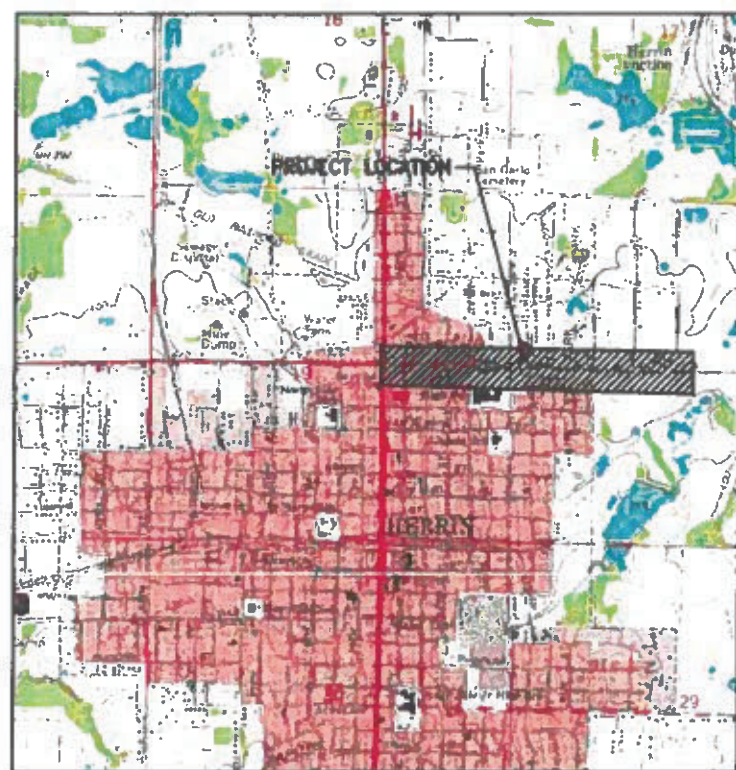
PLANS FOR: FAU 9588 (EAST HERRIN STREET) IMPROVEMENTS HERRIN, ILLINOIS

SECTION NO.: 19-00072-00-RS
JOB NO.: C-99-038-19
FEDERAL PROJECT NO.: NORW(487)

TRAFFIC DATA - 2022
ADT - 6,400 (5% HCV)
POSTED SPEED - 30 MPH

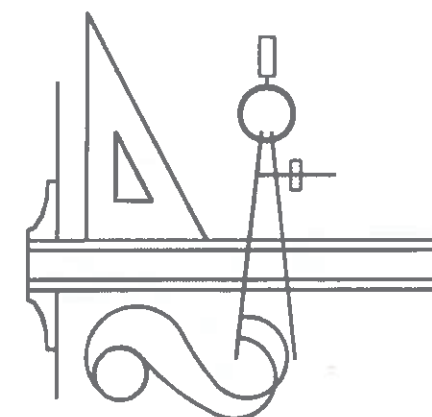
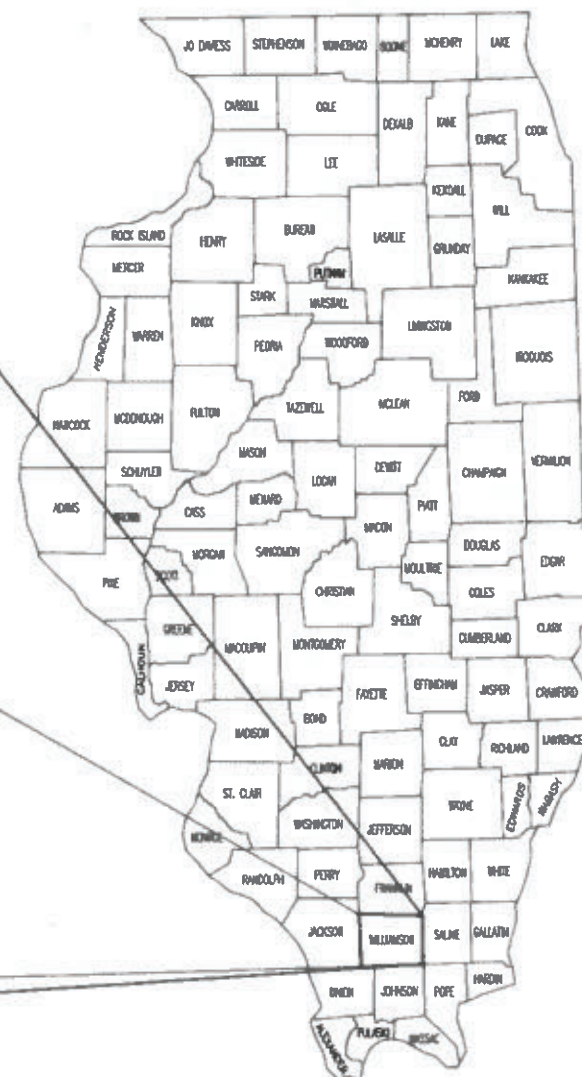
INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES
- 3-4 QUANTITIES
- 5 TYPICAL SECTIONS
- 6 SCHEDULE
- 7 GENERAL LAYOUT
- 8-10 REMOVAL SHEETS
- 11-15 PLAN SHEETS
- 16-18 STRIPING SHEETS
- 19-22 RETAINING WALL DETAIL
- 23 MISC. DETAILS
- 24-28 CROSS SECTIONS
- 29-31 RIGHT OF WAY SHEETS




LOCATION MAP
N.T.S.

GROSS LENGTH = 3,525 FT = 0.67 MILES
NET LENGTH = 3,525 FT = 0.67 MILES



CLARIDA & ZIEGLER ENGINEERING COMPANY
P.O. Box 937, 410 North Court Street
Marion, Illinois 62959
PROJECT NO. 18163

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
APPROVED <i>[Signature]</i>	20 23
MAYOR, CITY OF HERRIN	
PASSED <i>[Signature]</i>	20 23
DISTRICT ENGINEER OF LOCAL ROADS & STREETS	
RELEASING FOR BID BASED ON LIMITED REVIEW	20 23
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER	

PREPARED BY: CLARIDA & ZIEGLER ENGINEERING MARION, ILLINOIS	
DATE <i>[Signature]</i>	20 23
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER	
 EXPIRES: NOVEMBER 30, 2023	

GENERAL NOTES

UNDERGROUND STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS AND, THEREFORE, THEIR LOCATION MUST BE CONSIDERED APPROXIMATE ONLY. THE VERIFICATION OF THE LOCATION OF ALL UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES, EITHER SHOWN OR NOT SHOWN ON THESE PLANS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

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.

UNLESS MODIFIED BY THE PROJECT SPECIFICATIONS, ALL SITE WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION ON JANUARY 1, 2022. HOWEVER, STORM SEWER, SANITARY SEWER AND WATER LINE WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", LATEST EDITION, ALL SITEWORK SHALL COMPLY WITH THE ILLINOIS ACCESSIBILITY CODE.

CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO ENGINEER FOR APPROVAL BEFORE ORDERING MATERIALS FOR FINAL CONSTRUCTION.

ALL SIDEWALK CONSTRUCTION SHALL MEET THE UNITED STATES ACCESS BOARD'S PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG) PUBLISHED JULY 26, 2011.

ALL SIDEWALKS SHALL HAVE A MAXIMUM CROSS SLOPE OF 2.0% (1:50). ALL SIDEWALKS SHALL HAVE A MINIMUM CROSS SLOPE OF 1.0% (1:100) TO FACILITATE DRAINAGE, UNLESS OTHERWISE SHOWN. ALL SIDEWALKS SHALL HAVE A MAXIMUM LONGITUDINAL SLOPE OF 5.0% (1:20).

AFTER A LIFT OF BITUMINOUS CONCRETE PAVEMENT HAS BEEN PLACED ON A LANE, THAT LANE SHALL BE CLOSED TO TRAFFIC UNTIL THE TEMPERATURE OF THE NEW MAT HAS COOLED TO 150°F.

HMA SHALL BE PLACED IN A MANNER THAT WILL MINIMIZE THE AMOUNT OF TIME THE CENTERLINE EDGE IS EXPOSED TO TRAFFIC. AT THE END OF EACH DAY, THE EDGE EXPOSURE SHALL BE NO GREATER THAN 2,000 FT. THE CONTRACTOR SHALL BE REQUIRED TO PAVE IN THE ADJACENT LANES THE FOLLOWING WORK DAY.

THERE ARE NO AVAILABLE WASTE SITES ON THE EXISTING RIGHT OF WAY WITHIN THE PROJECT LIMITS. DISPOSAL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND ALL WASTE MUST BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RESTORE THE GRADE TO THE DESIGN ELEVATIONS CHANGED BY NATURAL CAUSES UNTIL FINAL ACCEPTANCE BY THE OWNER.

THE CONTRACTOR SHALL CONFINE HIS WORK WITHIN THE DESIGNATED WORK AREAS.

ASPHALT MILLINGS AND ANY EXCESS EXCAVATED SOIL SHALL BE HAULED TO THE CITY OF HERRIN'S MAINTENANCE YARD.

COMPACTION REQUIREMENTS FOR EMBANKMENT SHALL BE TO THE SATISFACTION OF THE ENGINEER.

COMMITMENTS

- 1 THE EXISTING TREES BETWEEN THE SIDEWALK AND CURB LEFT OF STATION 36+50 TO 38+00 SHALL NOT BE DISTURBED.
2. THE EXISTING WHITE FENCING ADJACENT TO THE EXISTING SIDEWALK LEFT OF STATION 36+50 TO 38+00 SHALL NOT BE DISTURBED.

HIGHWAY STANDARDS


000001-08	STANDARD SYMBOLS ABBREVIATIONS & PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF INCH & FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-11	PERPENDICULAR CURB RAMPS
424006-05	DIAGONAL CURB RAMPS
424011-04	CORNER PARALLEL CURB RAMPS
424016-05	MID-BLOCK CURB RAMPS
424021-06	DEPRESSED CORNER
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701001-02	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5m) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 2W WITH BIDIRECTIONAL LTL
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

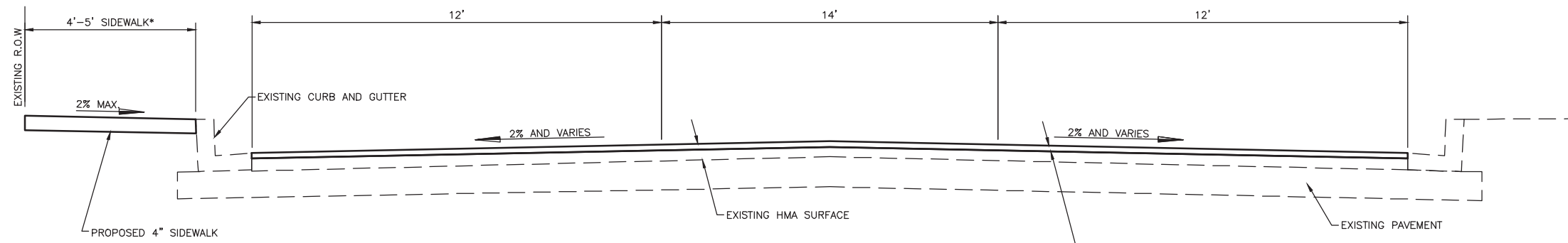
HMA MIX TABLE

LOCATIONS:	PAVEMENT SURFACE
MIXTURE USE(S):	HOT-MIX ASPHALT SURFACE COURSE
PG:	PG 64-22
DESIGN AIR VOIDS:	4.0 %, N70
MIXTURE COMPOSITION: (GRADATION)	IL-9.5MM L
FRICTION AGGREGATE:	MIX "C"
MIXTURE WEIGHT:	112 LBS/SQ YD/IN
QUALITY MANAGEMENT PROGRAM:	QC/QA
SUBLOT SIZE:	NA
MATERIAL TRANSFER DEVICE:	NO

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9588	19-00072 -00-RS	WILLIAMSON	31	02
ILLINOIS		E. HERRIN STREET		

CONTRACT NO. 99666

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-004515	
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 CLARIDA & ZIEGLER ENGINEERING CO. 410 North Court St, P.O. Box 937 Marion, Illinois 62959 Phone - (618)993-6411, Fax - (618)993-6750	
GENERAL NOTES E. HERRIN STREET IMPROVEMENTS WILLIAMSON COUNTY, ILLINOIS	
Date NOV. 2022	DR. By CWB/CSR
Scale No. Scale	Job No. 18163
Sheet No. 2	of 31

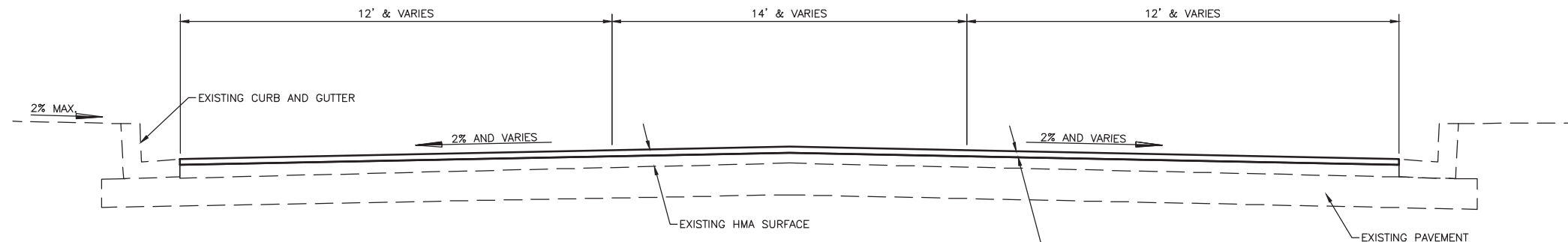


* 4' WIDTH STA 13+70 TO STA 34+54
5' WIDTH STA 34+85 TO STA 44+36

TYPICAL SECTION

STA 11+69.00 TO 44+36.00
HERRIN STREET

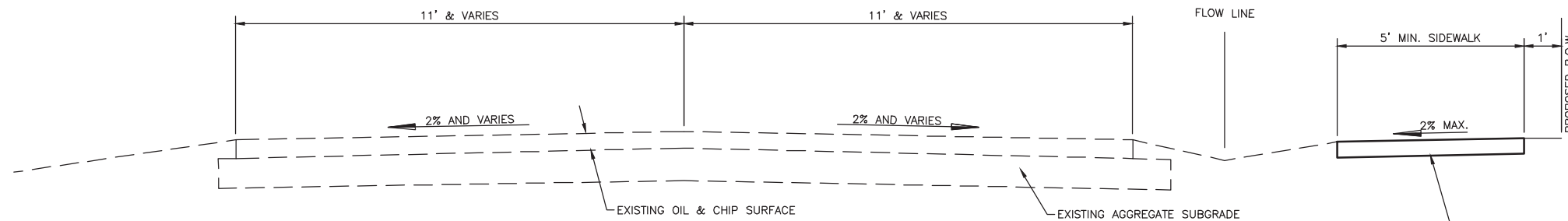
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70, 1.5"
AND
HOT-MIX ASPHALT SURFACE REMOVAL, 1.5"



TYPICAL SECTION

STA 44+36.00 TO 46+92.76
HERRIN STREET

HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70, 1.5"
AND
HOT-MIX ASPHALT SURFACE REMOVAL, 1.5"



TYPICAL SECTION

STA 100+50.00 TO 114+50.00
3RD STREET

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9588	19-00072-00-RS	WILLIAMSON	31	05
ILLINOIS		E. HERRIN STREET		

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**TYPICAL SECTIONS
E. HERRIN STREET IMPROVEMENTS
WILLIAMSON COUNTY, ILLINOIS**

REVISIONS			
DATE	NO.	BY	CHK'D BY
NOV. 2022		CWB/CSR	JVZ


Date: NOV. 2022 DR. By: CWB/CSR CK'D By: JVZ
Scale No. Scale: Job No. 18163 Sheet No. 5 of 31

SIDEWALK/DRIVEWAY PAVEMENT/CURB SCHEDULE

LOCATION	PORTLAND CEMENT CONCRETE SIDEWALK - 4" (SQ. FT.)	DETECTABLE WARNINGS (SQ. FT.)	COMB. CONC. CURB & GUTTER TYPE B 6.12 (FOOT)	PCC DRIVEWAY PAVEMENT 6 INCH (SQ. YD.)	AGGREGATE SURFACE COURSE TY B (TON)	CONCRETE STRUCTURE (RETAINING WALL) (CU. YD.)	COMMENTS
STA 13+70 TO 14TH STREET	346						4' WIDTH SIDEWALK
14TH STREET		35	39				
14 STREET TO STA 15+97	476						
STA 15+34 TO 15+53 & 15+68 TO 15+86			37				Parcel #1
STA 15+97 TO 16+56				36	1.1		Parcel #1 & #2
STA 16+56 TO 13TH STREET	485						
13TH STREET		30	40			1.00	
13 STREET TO STA 19+52	645						
STA 19+35 TO 19+50			15				
STA 19+52 TO 19+65				7	0.5		Alley
STA 19+65 TO 19+90			24				
STA 19+65 TO 12TH STREET	647						
12TH STREET		31	40				
12TH STREET TO STA 22+23	326						
STA 22+23 TO 22+34				6	0.3		Parcel #4
STA 22+34 TO 22+97	248						
STA 22+65 TO 22+80			15				
STA 22+97 TO 23+13				8	0.3		Alley
STA 23+13 TO 23+57	175						
STA 23+57 TO 23+74				9	0.6		Parcel #5
STA 23+74 TO 11TH STREET	349						
11TH STREET		22	36				
11TH STREET TO STA 25+52	217						
STA 25+52 TO 25+62				6	0.6		Parcel #6
STA 25+62 TO 25+96	129						
STA 25+96 TO 26+07				6	0.6		Parcel #7
STA 26+07 TO 26+50	167						
STA 26+50 TO 26+61				10			Parcel #8
STA 26+61 TO 26+95	128						
STA 26+94 TO 27+09				29		1.50	Parcel #9
STA 27+14 TO 27+96	301						
STA 27+95 TO 28+14				36		0.50	Parcel #10 & 11
STA 28+14 TO 30+44	850						
STA 30+44 TO 30+89				42			Parcel #12
STA 30+89 TO 8TH STREET	1,435						
STA 30+05 TO 30+20			15				
8TH STREET		26	35				
8TH STREET TO STA 36+11	697						5' SIDEWALK WIDTH BEGINS
STA 36+11 TO 36+84				74			Parcel #13
STA 36+84 TO 7TH STREET	546						
7TH STREET		24	28				
7TH STREET TO STA 41+20	1,478						
PARK ENTRANCE		21		19			
STA 41+53 TO 42+78	619						
STA 42+78 TO 43+24				37			
STA 43+24 TO 5TH STREET	525						
5TH STREET		8	18				
3RD STREET STA 0+00 TO 13+42	6,730	37					
TOTALS:	17,519	234	342	325	4.0	3.00	

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9588	19-00072-00-RS	WILLIAMSON	31	06
ILLINOIS		E. HERRIN STREET		

CONTRACT NO. 99666

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SCHEDULE		
E. HERRIN STREET IMPROVEMENTS		
WILLIAMSON COUNTY, ILLINOIS		
Date	DR. By	CK'D By
NOV. 2022	CWR/CSR	JVZ
Scale	Job No.	Sheet No.
No. Scale	18163	6 of 31

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P:\18163 - E. Herrin St. Improvements\Drawings - Plans\18163 - 7 - GENERAL LAYOUT.dwg 2-07-23 12:50:09 PM zmsmith



SCALE : 1" = 200'



LEGEND

- RESURFACING OF ROADWAY
- NEW SIDEWALK

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9588	19-00072-00-RS	WILLIAMSON	31	07
ILLINOIS		E. HERRIN STREET		

CONTRACT NO. 99666

REVISIONS	
DATE	NO.

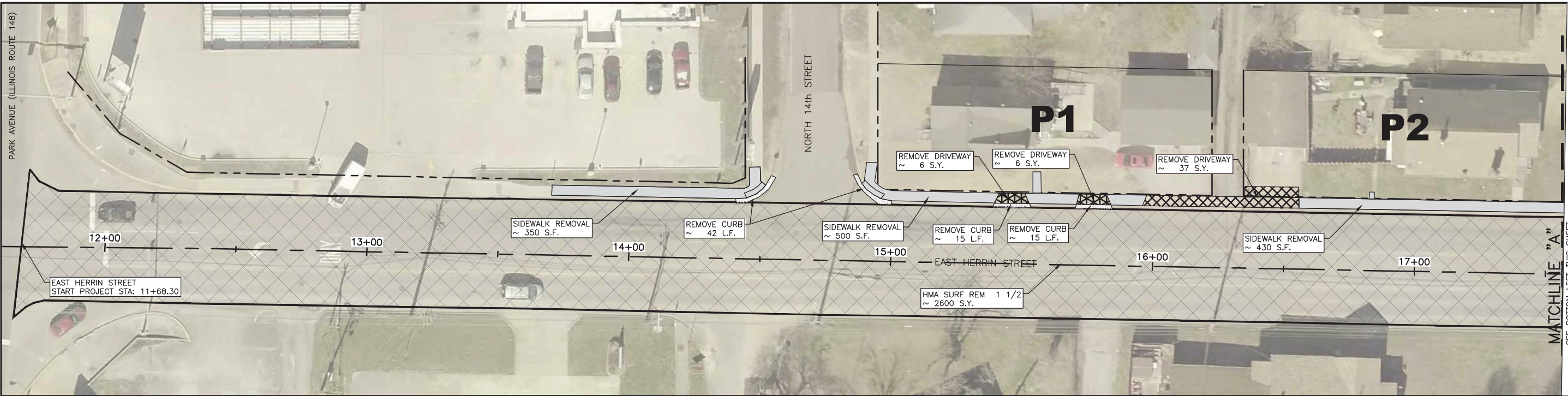
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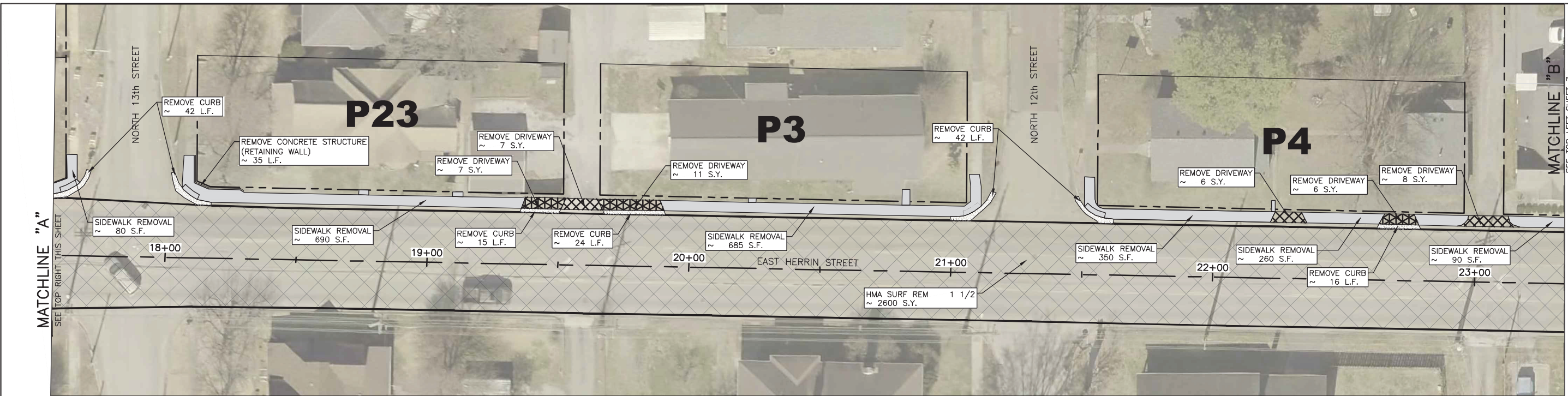
**GENERAL LAYOUT
 E. HERRIN STREET IMPROVEMENTS
 WILLIAMSON COUNTY, ILLINOIS**

Date NOV. 2022 DR. By CWB/CSR CK'D By JVZ
 Scale 1"=200' Job No. 18163 Sheet No. 7 of 31



SCALE:
1"=20'

MATCHLINE "A"
SEE BOTTOM LEFT THIS SHEET



SCALE:
1"=20'

MATCHLINE "B"
SEE TOP LEFT SHEET 7

- SIDEWALK REMOVAL
- CURB REMOVAL
- DRIVEWAY REMOVAL
- HMA SURF REMOVAL

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9588	19-00072-00-RS	WILLIAMSON	31	08
ILLINOIS		E. HERRIN STREET		

CONTRACT NO. 99666

REVISIONS	
DATE	NO.

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-004515

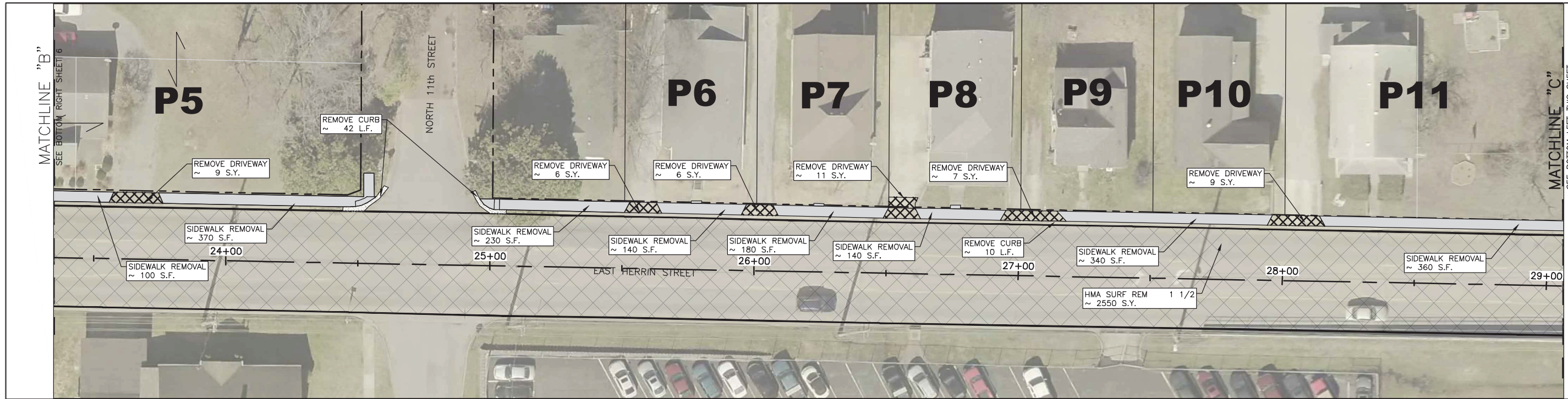
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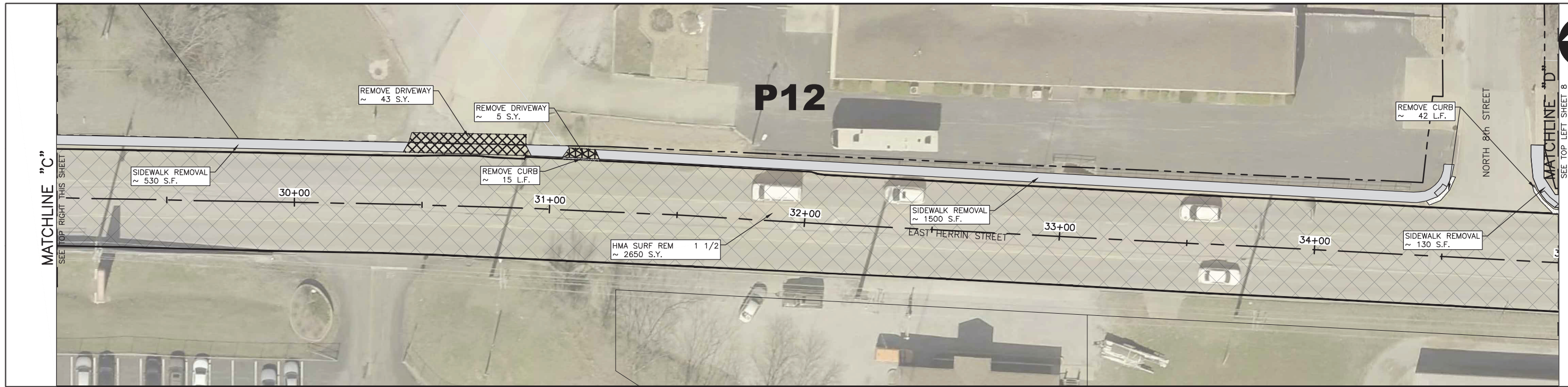
REMOVAL SHEET
E. HERRIN STREET IMPROVEMENTS
WILLIAMSON COUNTY, ILLINOIS

Date NOV. 2022 DR. By CWB/CSR CK'D By JVZ
 Scale 1"=20' Job No. 18163 Sheet No. 8 of 31

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SCALE:
1"=20'



SCALE:
1"=20'

- SIDEWALK REMOVAL
- CURB REMOVAL
- DRIVEWAY REMOVAL
- HMA SURF REMOVAL

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9588	19-00072-00-RS	WILLIAMSON	31	09
ILLINOIS		E. HERRIN STREET		

CONTRACT NO. 99666

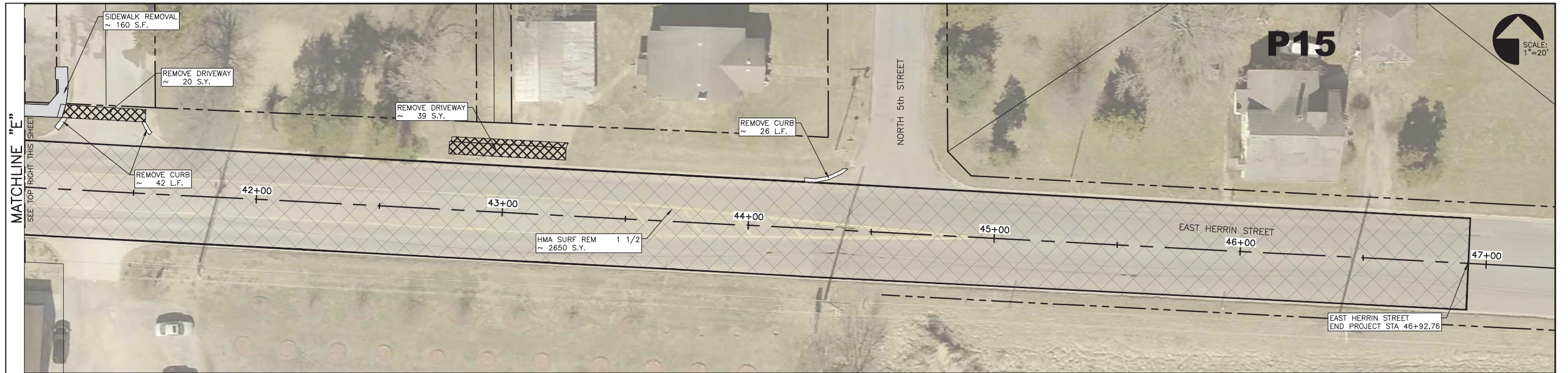
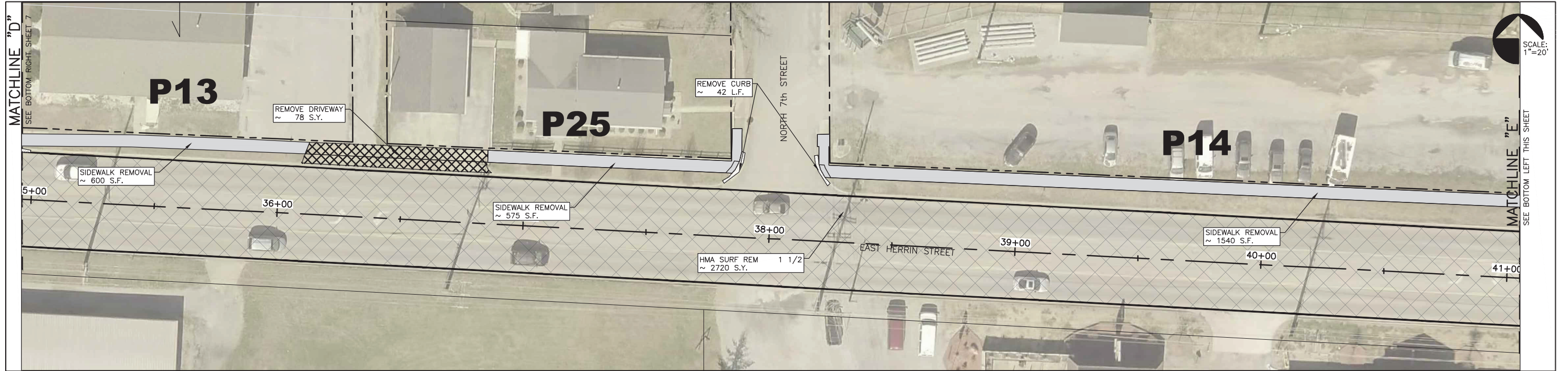
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**REMOVAL SHEET
E. HERRIN STREET IMPROVEMENTS
WILLIAMSON COUNTY, ILLINOIS**

Date	NOV. 2022	DR. By	CWB/CSR	CK'D By	JVZ
Scale	1"=20'	Job No.	18163	Sheet No.	9 of 31



- SIDEWALK REMOVAL
- DRIVEWAY REMOVAL
- CURB REMOVAL
- HMA SURF REMOVAL

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9588	19-00072-00-RS	WILLIAMSON	31	10
ILLINOIS		E. HERRIN STREET		

CONTRACT NO. 99666

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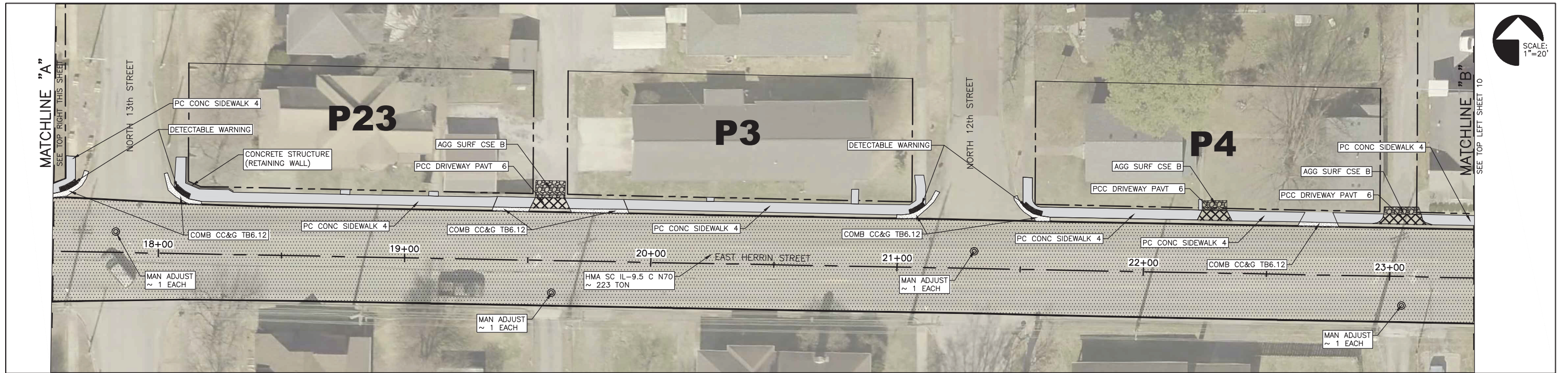
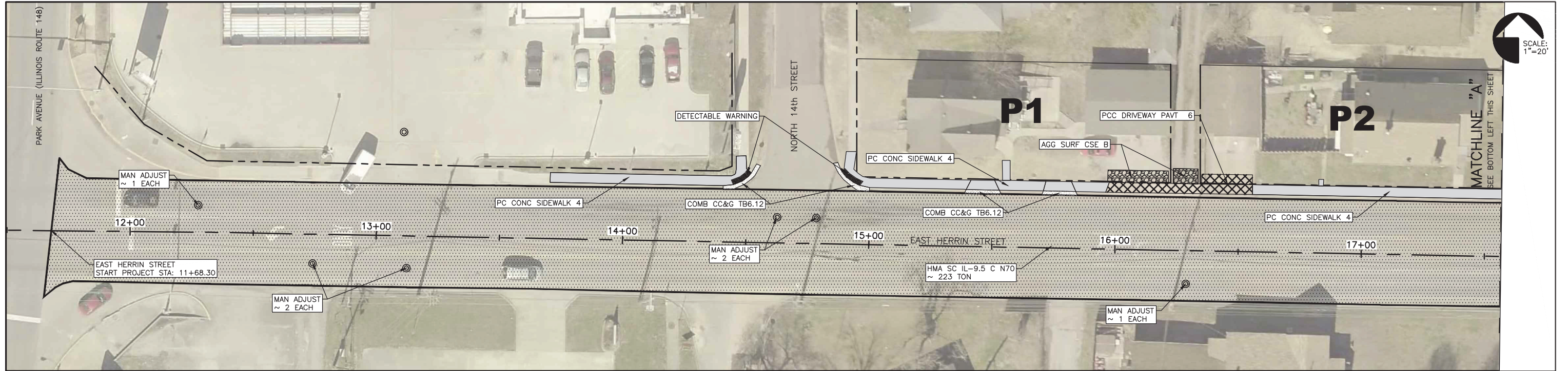
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REMOVAL SHEET
E. HERRIN STREET IMPROVEMENTS
WILLIAMSON COUNTY, ILLINOIS

Date NOV. 2022 DR. By CWB/CSR CK'D By JVZ
 Scale 1"=20' Job No. 18163 Sheet No. 10 of 31

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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9588	19-00072-00-RS	WILLIAMSON	31	11
ILLINOIS		E. HERRIN STREET		

CONTRACT NO. 99666

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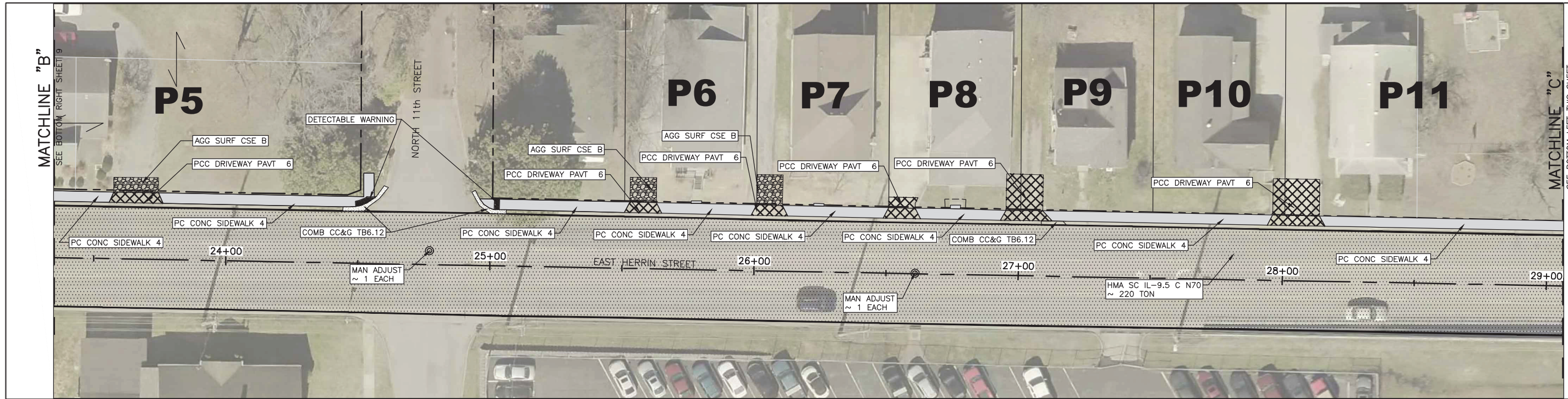
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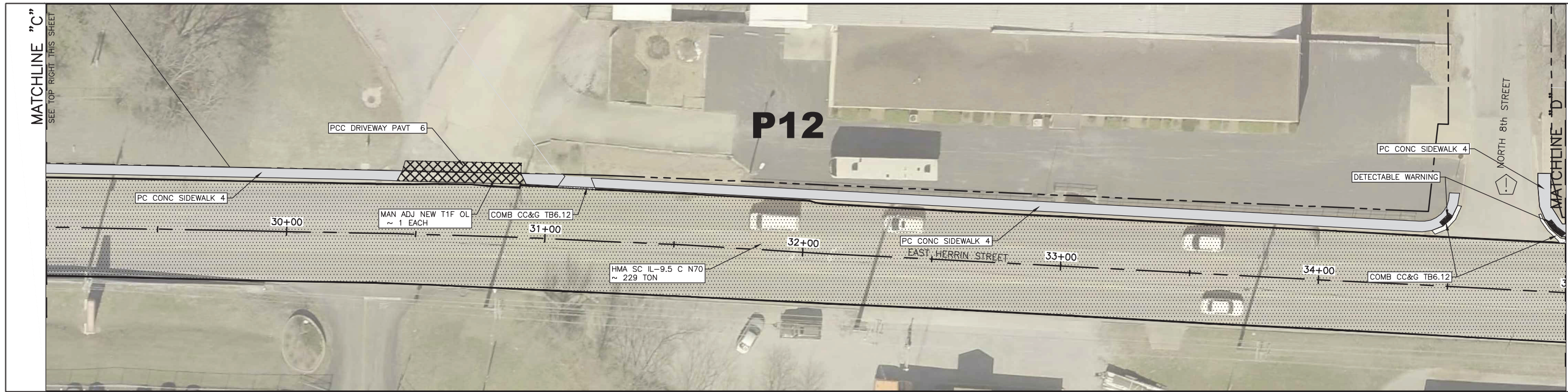
PLAN SHEET
E. HERRIN STREET IMPROVEMENTS
WILLIAMSON COUNTY, ILLINOIS

Date NOV. 2022 DR. By CWB/CSR CK'D By JVZ
 Scale 1"=20' Job No. 18163 Sheet No. 11 of 31

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SCALE:
1"=20'



SCALE:
1"=20'

NOTE: AT 8TH STREET INTERSECTION, PCC CONC SIDEWALK 4 TRANSITIONS FROM A 4 FOOT WIDTH TO 5 FOOT WIDTH

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9588	19-00072-00-RS	WILLIAMSON	31	12
ILLINOIS		E. HERRIN STREET		

CONTRACT NO. 99666

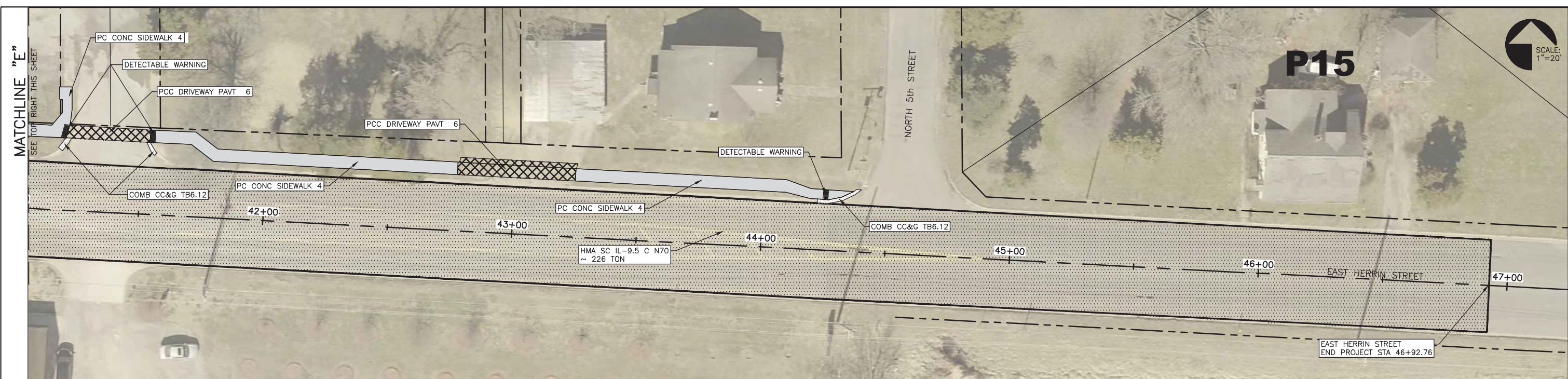
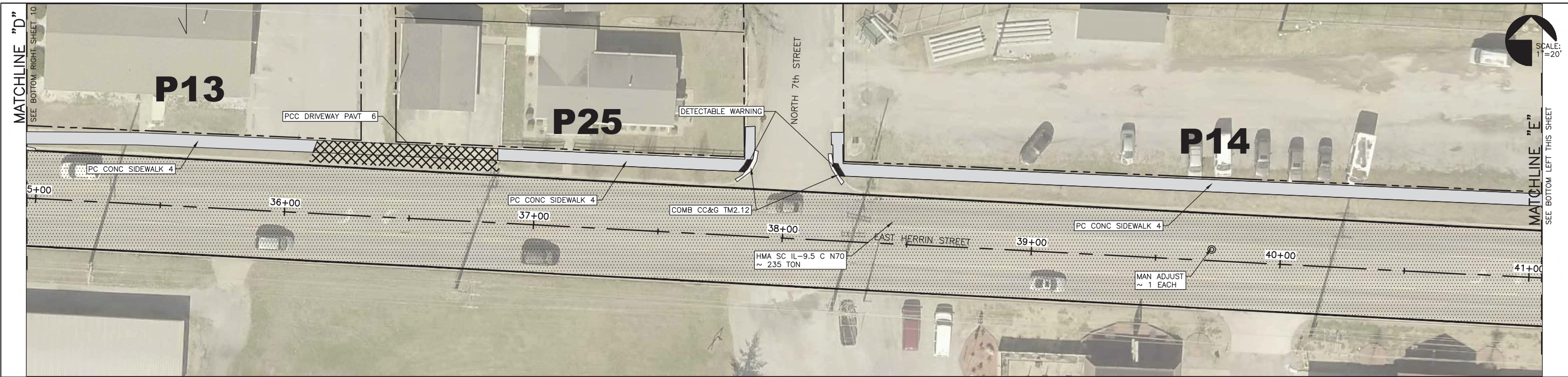
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PLAN SHEET
E. HERRIN STREET IMPROVEMENTS
WILLIAMSON COUNTY, ILLINOIS

Date NOV. 2022 DR. By CWB/CSR CK'D By JVZ
 Scale 1"=20' Job No. 18163 Sheet No. 12 of 31



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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9588	19-00072-00-RS	WILLIAMSON	31	13
ILLINOIS		E. HERRIN STREET		

CONTRACT NO. 99666

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-004515

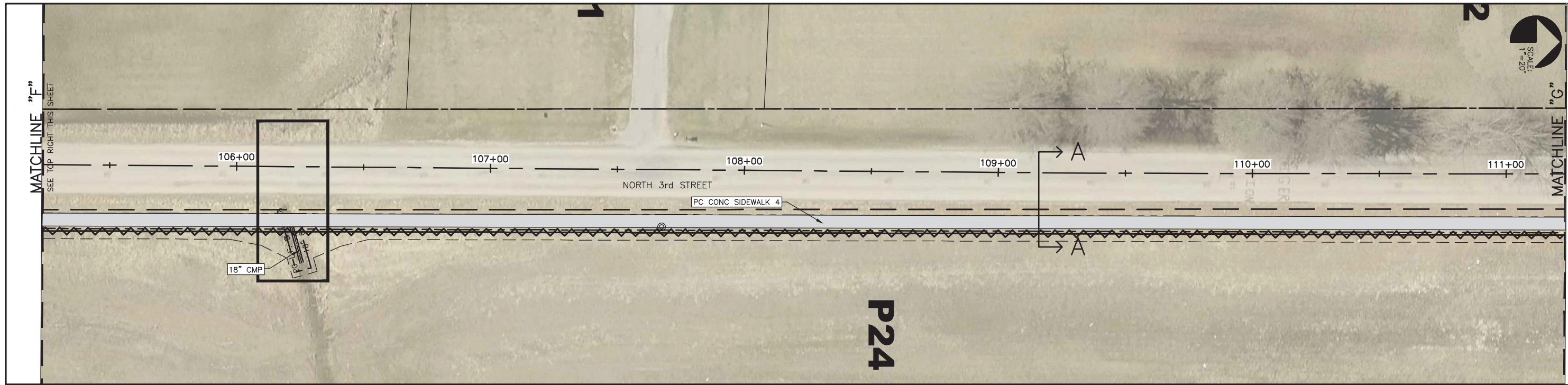
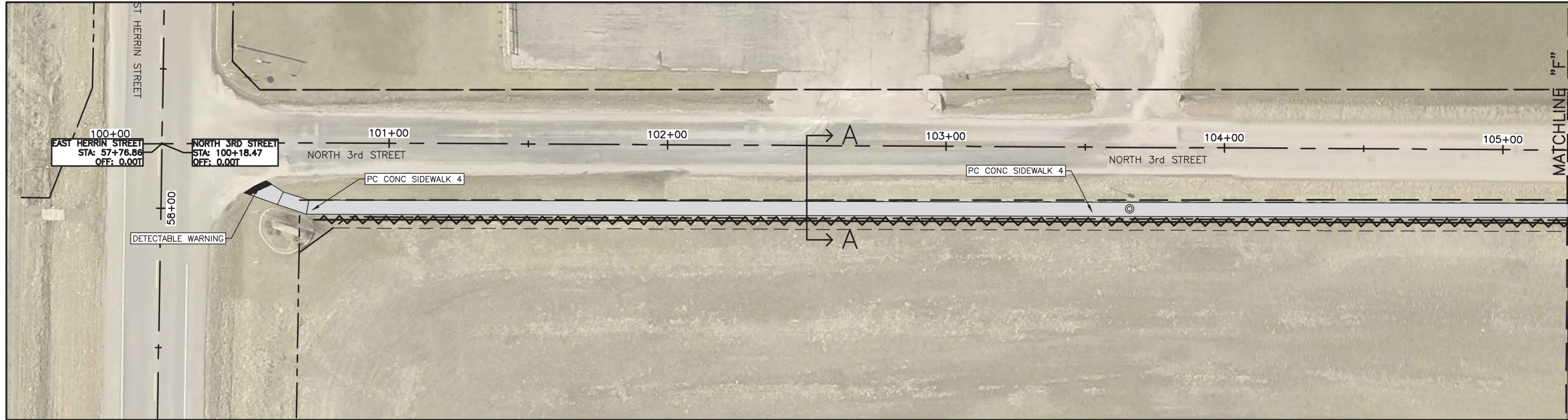
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PLAN SHEET
E. HERRIN STREET IMPROVEMENTS
WILLIAMSON COUNTY, ILLINOIS

Date NOV. 2022 DR. By CWB/CSR CK'D By JVZ
 Scale 1"=20' Job No. 18163 Sheet No. 13 of 31

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P24

- EROSION CONTROL BARRIER
- PROPOSED ROW
- CONSTRUCTION EASEMENT
- EXISTING ROW

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9588	19-00072-00-RS	WILLIAMSON	31	14
ILLINOIS		E. HERRIN STREET		

CONTRACT NO. 99666

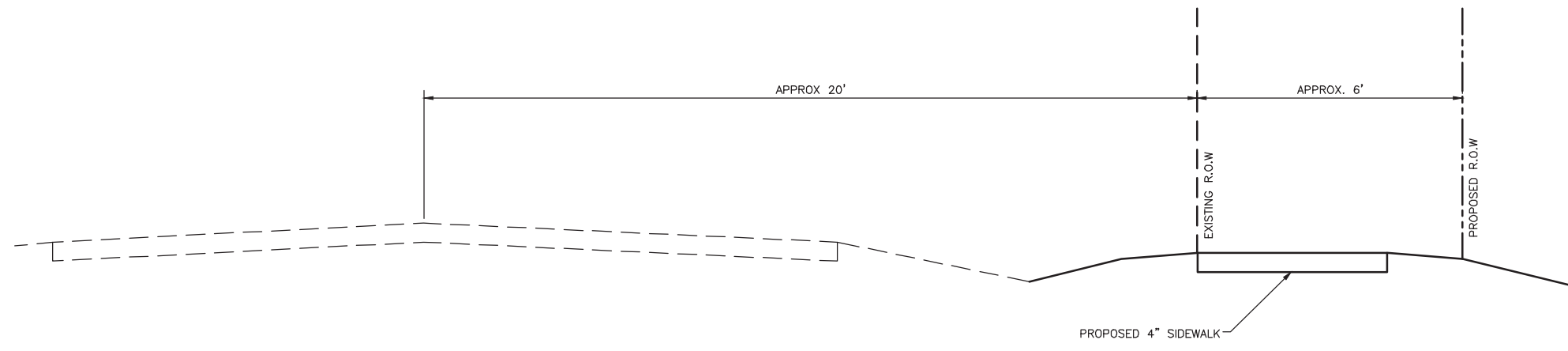
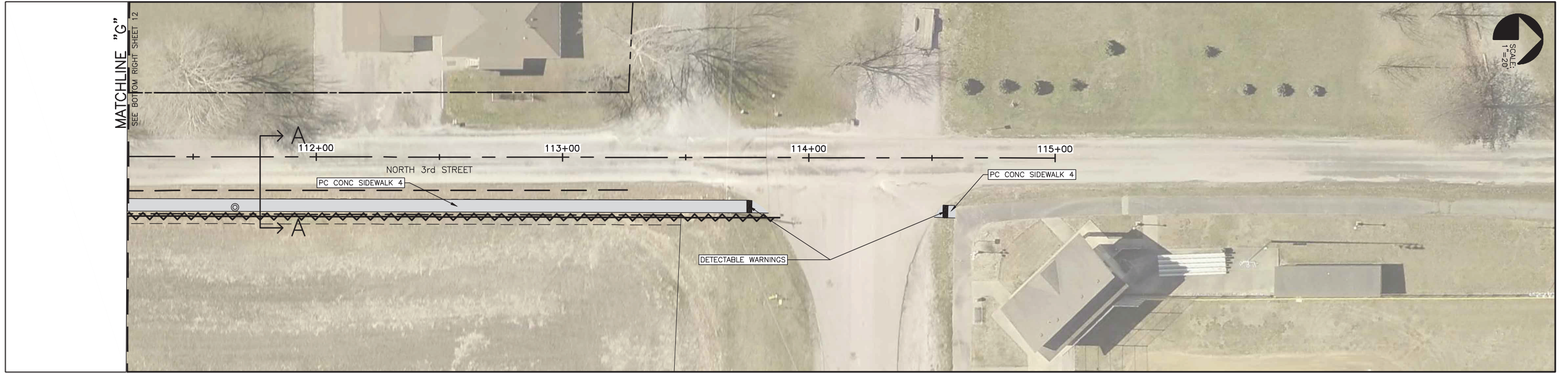
STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-004515

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Phone - (618)993-6411, Fax - (618)993-6750

**PLAN SHEET
E. HERRIN STREET IMPROVEMENTS
WILLIAMSON COUNTY, ILLINOIS**

Date NOV. 2022 DR. By CWB/CSR CK'D By JVZ
Scale 1"=20' Job No. 18163 Sheet No. 14 of 31



- EROSION CONTROL BARRIER
- PROPOSED ROW
- CONSTRUCTION EASEMENT
- EXISTING ROW

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9588	19-00072-00-RS	WILLIAMSON	31	15
ILLINOIS		E. HERRIN STREET		

CONTRACT NO. 99666

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-004515

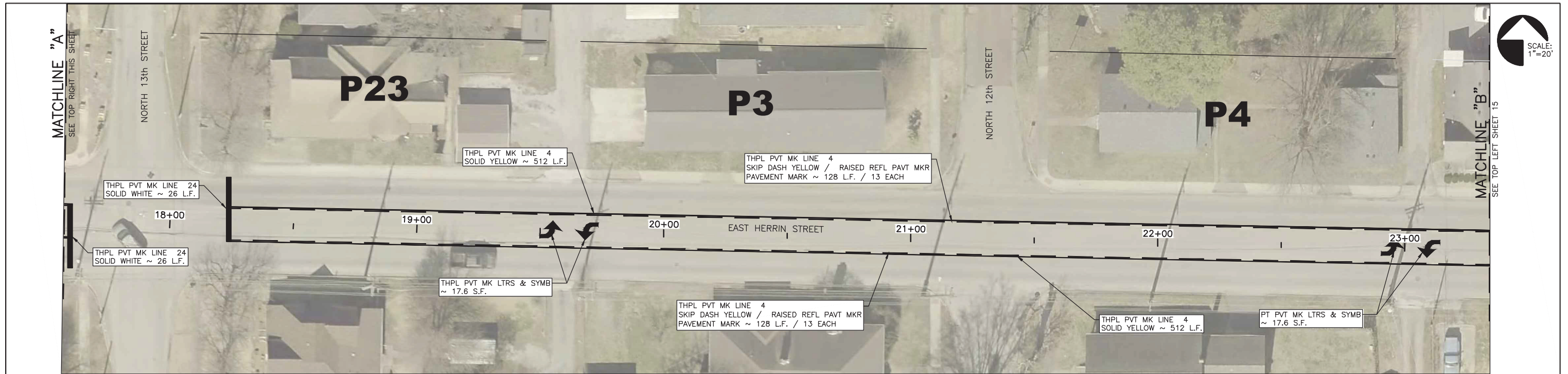
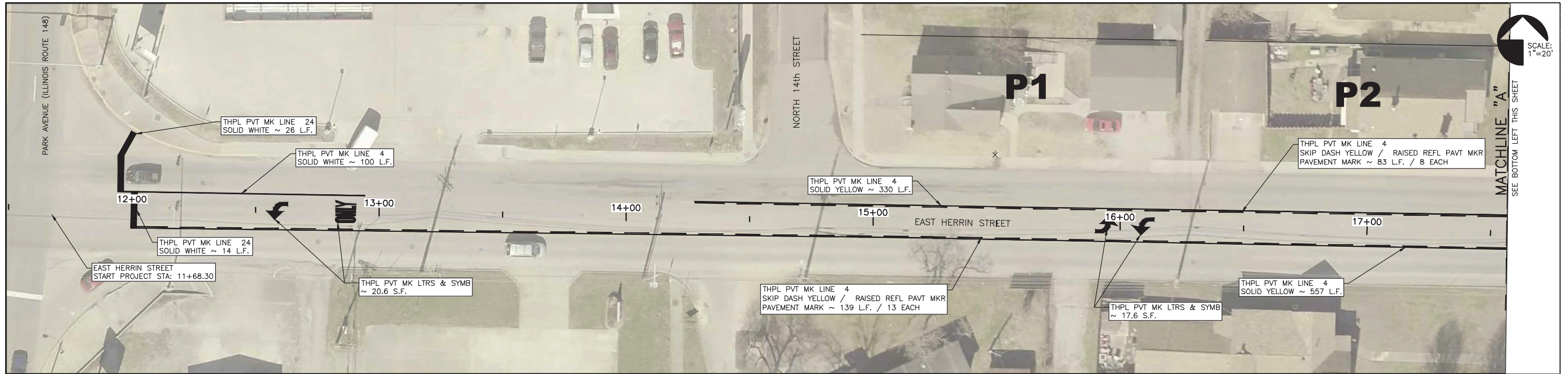
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**PLAN SHEET
E. HERRIN STREET IMPROVEMENTS
WILLIAMSON COUNTY, ILLINOIS**

Date NOV. 2022 DR. By CWB/CSR CK'D By JVZ
Scale 1"=20' Job No. 18163 Sheet No. 15 of 31

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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9588	19-00072-00-RS	WILLIAMSON	31	16
ILLINOIS		E. HERRIN STREET		

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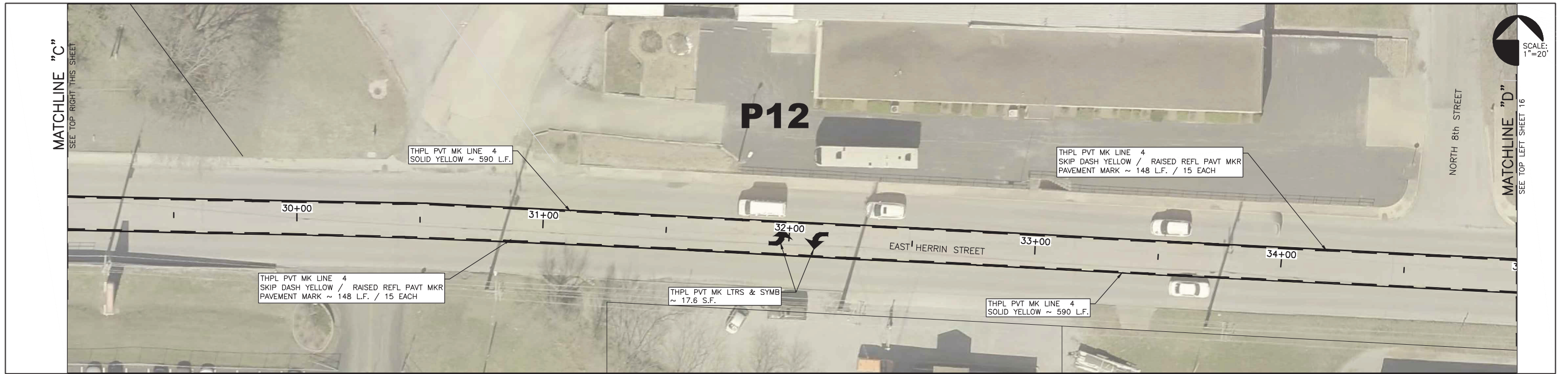
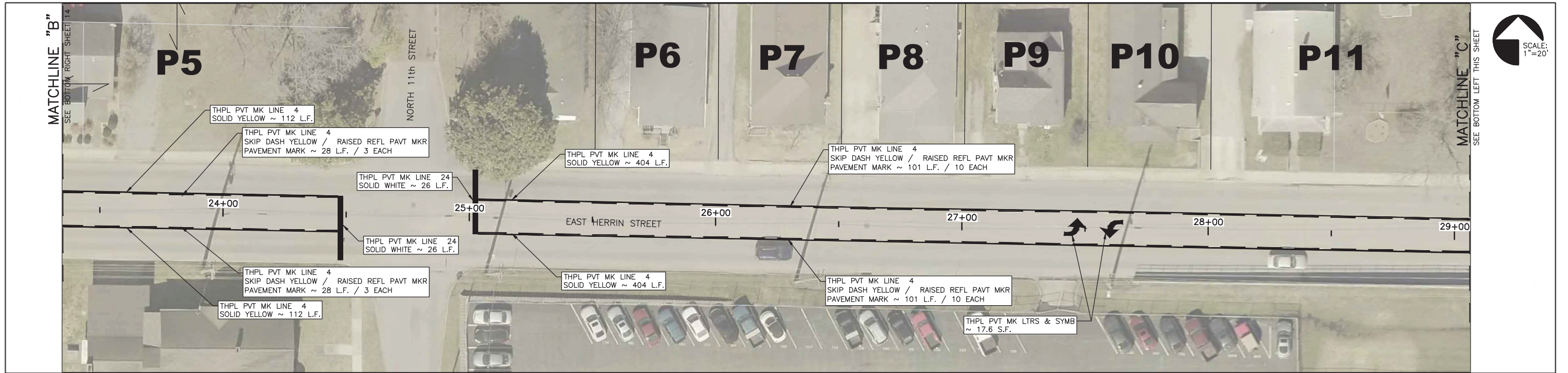
STRIPING SHEET
E. HERRIN STREET IMPROVEMENTS
WILLIAMSON COUNTY, ILLINOIS

REVISIONS

DATE	NO.
NOV. 2022	

DR. By: CWB/CSR CK'D By: JVZ
 Scale: 1"=20' Job No.: 18163 Sheet No.: 16 of 31

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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9588	19-00072-00-RS	WILLIAMSON	31	17
ILLINOIS		E. HERRIN STREET		

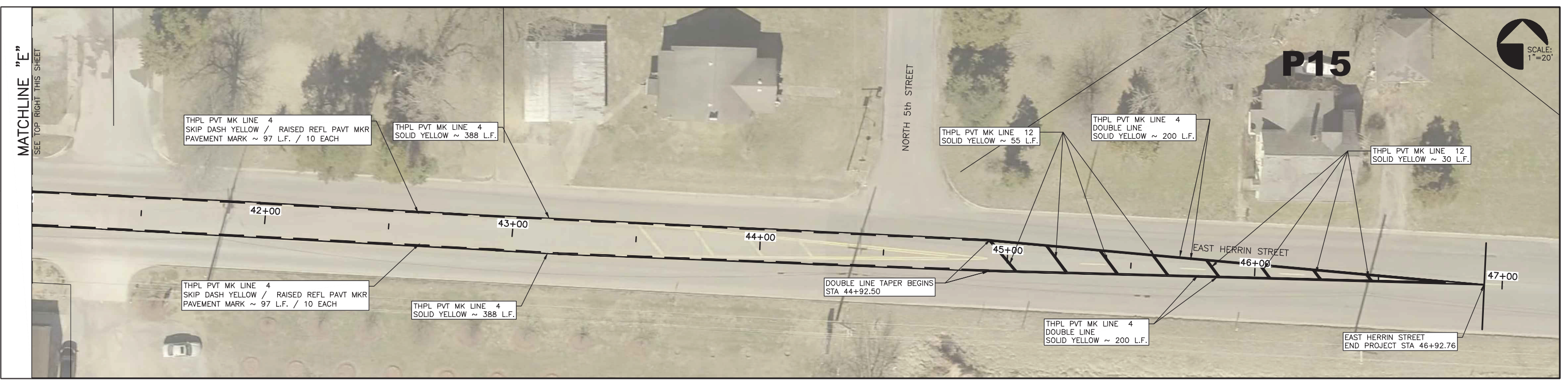
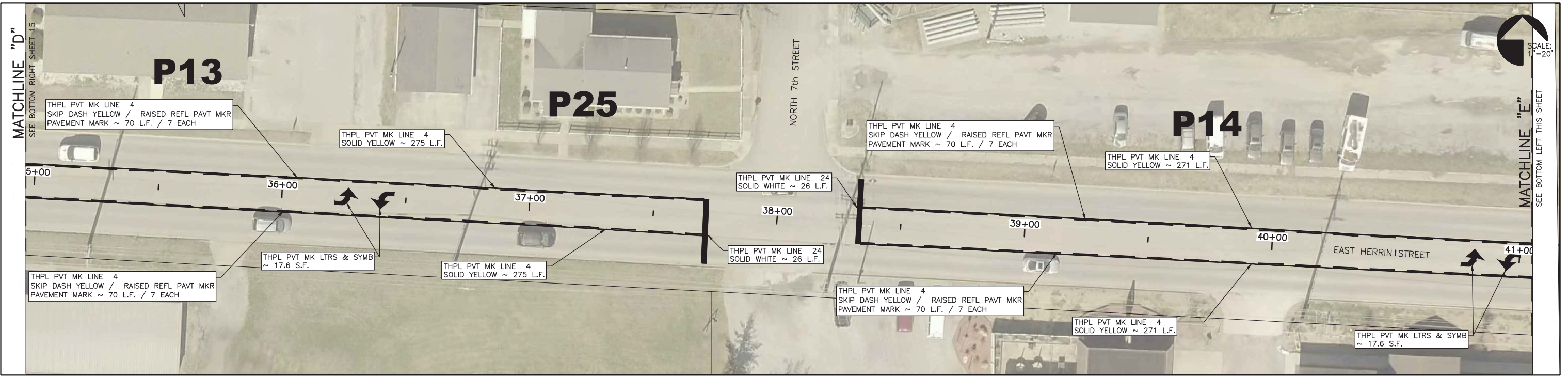
CONTRACT NO. 99666

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DATE	NO.

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STRIPING SHEET
E. HERRIN STREET IMPROVEMENTS
WILLIAMSON COUNTY, ILLINOIS

Date NOV. 2022 DR. By CWB/CSR CK'D By JVZ
 Scale 1"=20' Job No. 18163 Sheet No. 17 of 31



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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9588	19-00072-00-RS	WILLIAMSON	31	18
ILLINOIS		E. HERRIN STREET		

CONTRACT NO. 99666

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-004515

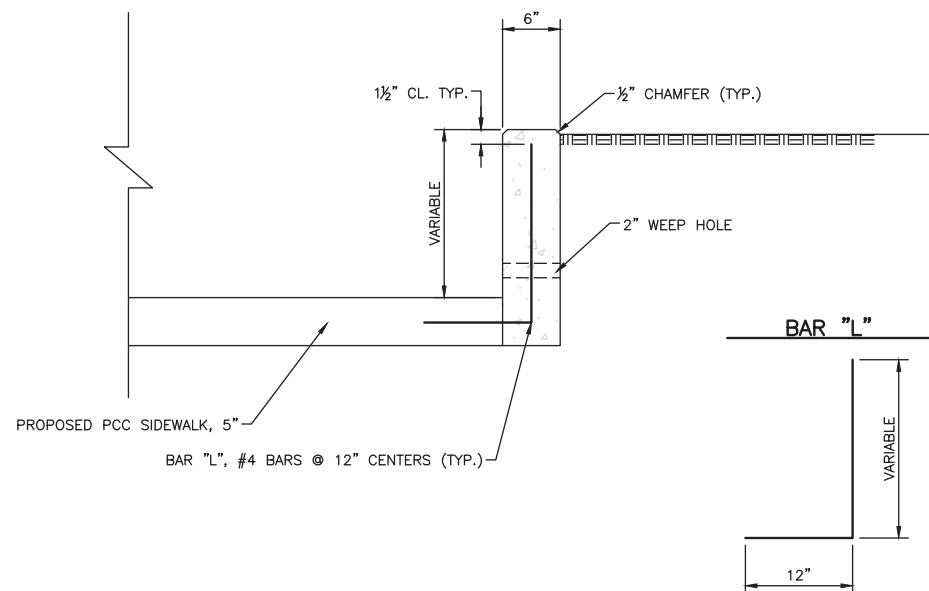
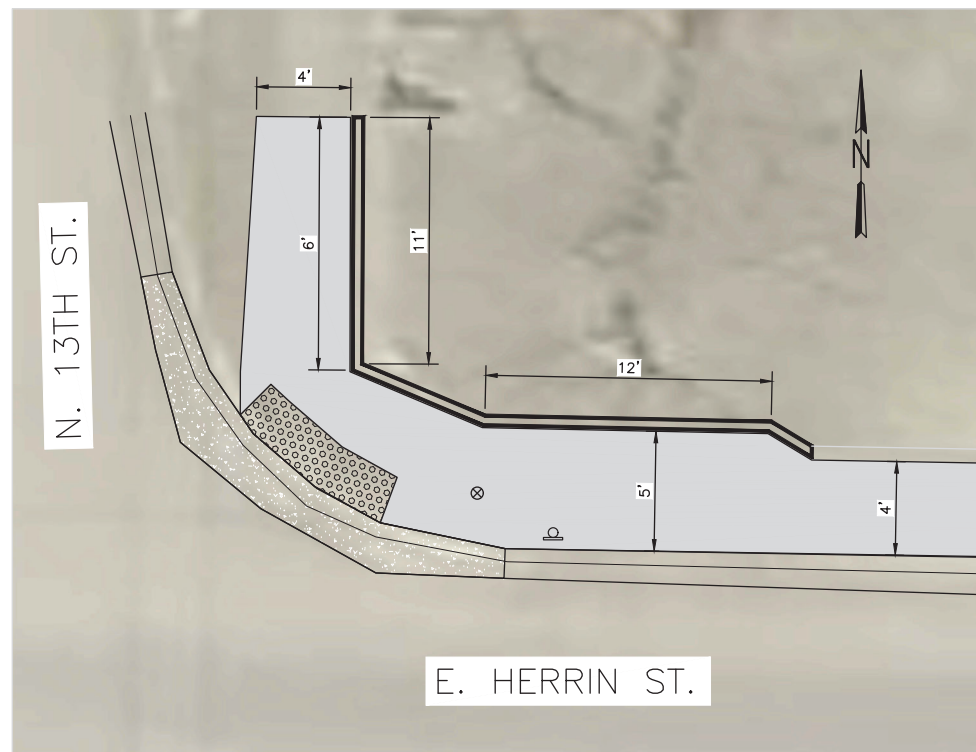
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STRIPING SHEET
E. HERRIN STREET IMPROVEMENTS
WILLIAMSON COUNTY, ILLINOIS

Date NOV. 2022 DR. By CWB/CSR CK'D By JVZ
 Scale 1"=20' Job No. 18163 Sheet No. 18 of 31

RETAINING WALL DETAIL TO BE USED STA. 18+10 TO 18+30



	CONCRETE STRUCTURES (CU. YD.)	CONCRETE RETAINING WALL REMOVAL (FOOT)
LT. 18+10 TO 18+30	1.00	35
TOTAL	1.00	35

WORK INVOLVED IN THE CONSTRUCTION OF RETAINING WALL, INCLUDING WEEP HOLES AND REINFORCEMENT WILL BE PAID FOR AS CONCRETE STRUCTURES (RETAINING WALL).

FOR INFORMATION ONLY

REINFORCEMENT FOR RET. WALL					
BAR	SIZE	SHAPE	LENGTH	NUMBER	WEIGHT LBS.
"L"	4		VAR.*	33	66
TOTAL					66

* FINAL QUANTITY OF BAR "L" TO BE DETERMINED IN FIELD

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9588	19-00072-00-RS	WILLIAMSON	31	19
ILLINOIS		E. HERRIN STREET		

CONTRACT NO. 99666

REVISIONS	
DATE	NO.

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-004515

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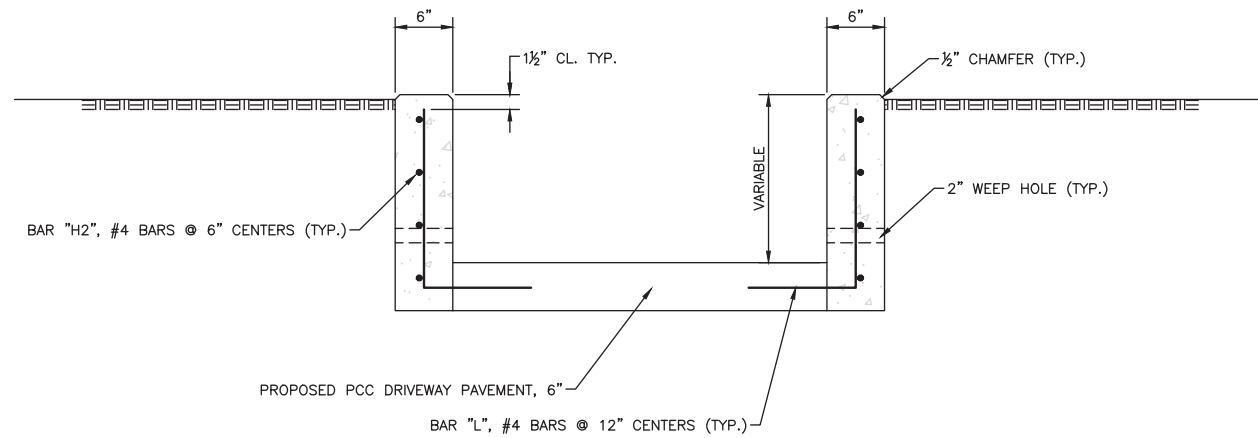
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**RETAINING WALL DETAILS
E. HERRIN STREET IMPROVEMENTS
WILLIAMSON COUNTY, ILLINOIS**

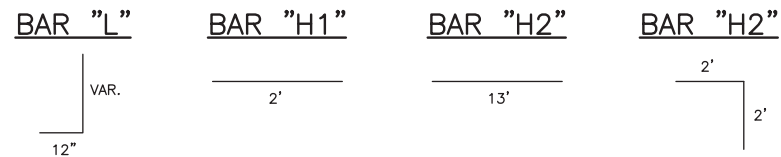
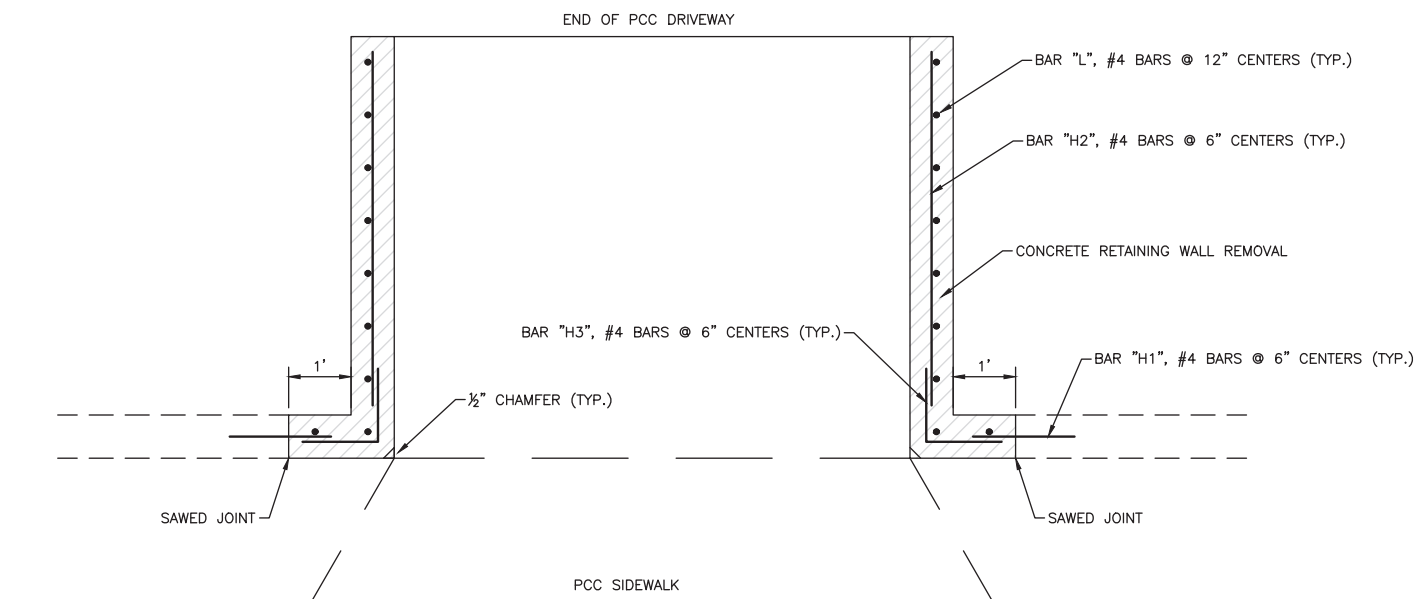
Date NOV. 2022 DR. By CWB/CSR CK'D By JVZ

Scale No. Scale Job No. 18163 Sheet No. 19 of 31

RETAINING WALL DETAIL TO BE USED STA. 26+94 TO 27+09



PLAN VIEW

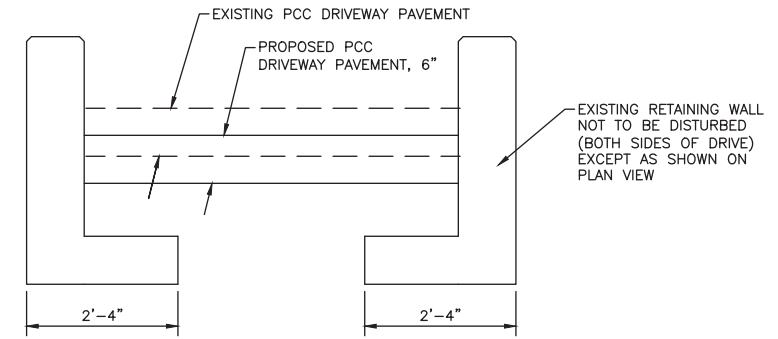


FOR INFORMATION ONLY, ACTUAL LENGTHS TO BE DETERMINED IN FIELD

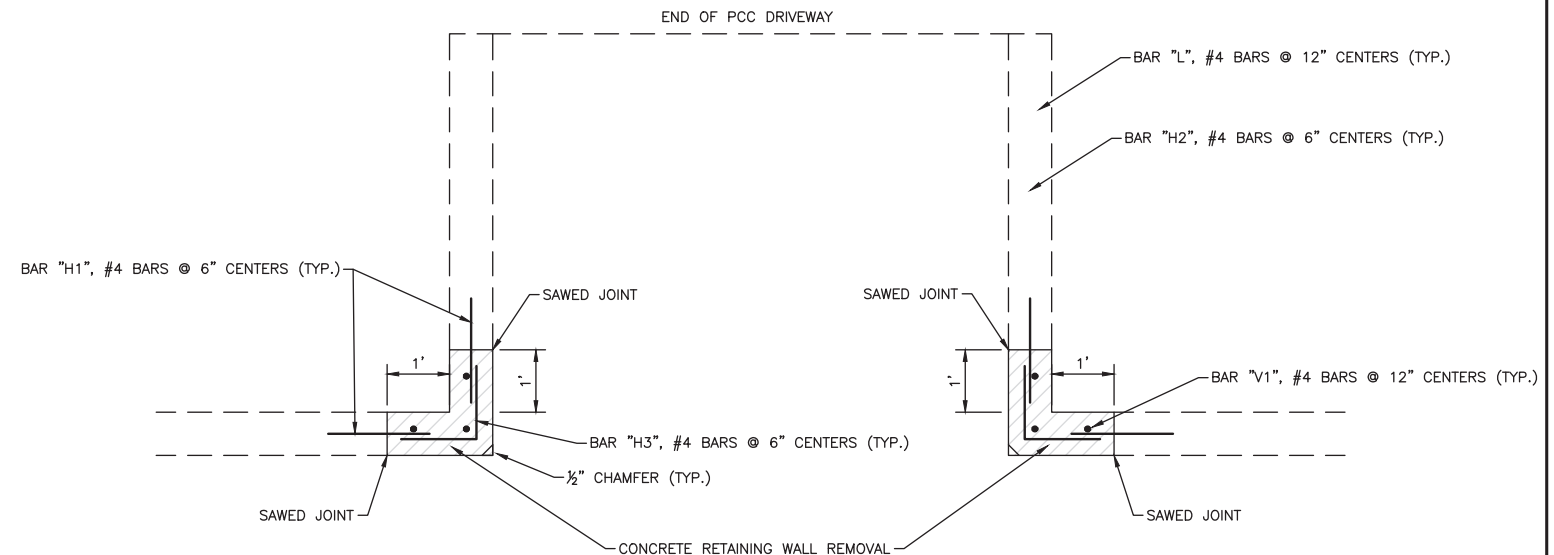
REINFORCEMENT FOR RETAINING WALL					
BAR	SIZE	SHAPE	LENGTH	NUMBER	WEIGHT (LBS.)
"L"	#4	└	VAR.	25	50
"H1"	#4	—	2'	8	11
"H2"	#4	—	13'	8	70
"H3"	#4	└	4'	8	21
TOTAL					152

	CONCRETE STRUCTURES (CU. YD.)	CONCRETE RETAINING WALL REMOVAL (FOOT)
LT. 26+94 TO 27+09	1.5	29
TOTAL	1.5	29

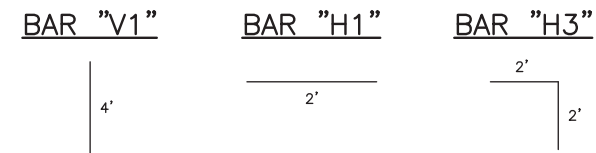
RETAINING WALL DETAIL TO BE USED STA. 27+95 TO 28+14



PLAN VIEW



NOTE: AREA TO BE REPAIRED 6" BELOW BOTTOM OF PROPOSED SIDEWALK ONLY. DRILL V1 BARS AND H1 BARS INTO EXISTING RETAINING WALL.



FOR INFORMATION ONLY, ACTUAL LENGTHS TO BE DETERMINED IN FIELD

REINFORCEMENT FOR RETAINING WALL					
BAR	SIZE	SHAPE	LENGTH	NUMBER	WEIGHT (LBS.)
"V1"	#4		4'	6	16
"H1"	#4	—	2'	20	27
"H3"	#4	└	4'	10	27
TOTAL					70

	CONCRETE STRUCTURES (CU. YD.)	CONCRETE RETAINING WALL REMOVAL (FOOT)
LT. 27+95 TO 28+14	0.50	6
TOTAL	0.50	6

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9588	19-00072-00-RS	WILLIAMSON	31	20
ILLINOIS		E. HERRIN STREET		

CONTRACT NO. 99666

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-004515

REVISIONS	
DATE	NO.

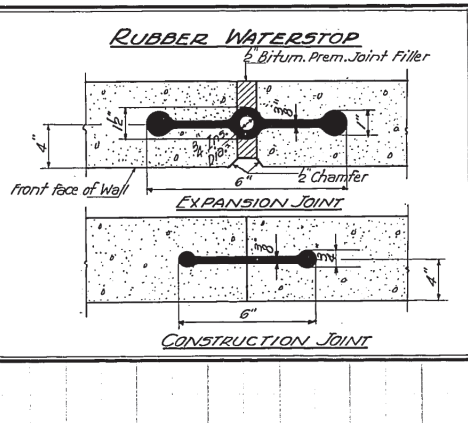
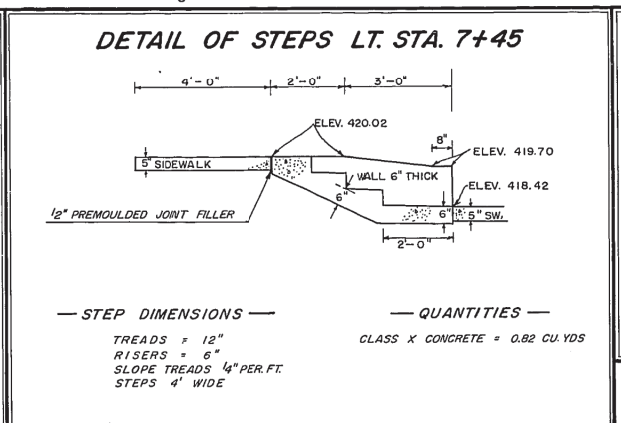
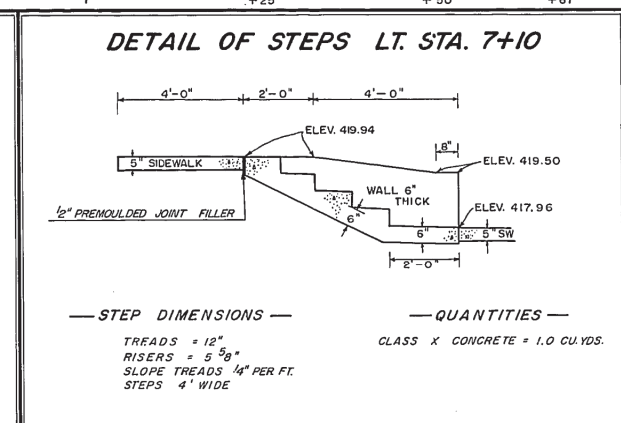
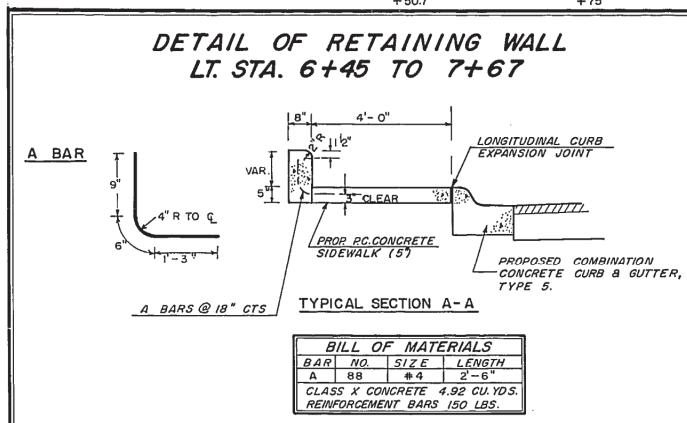
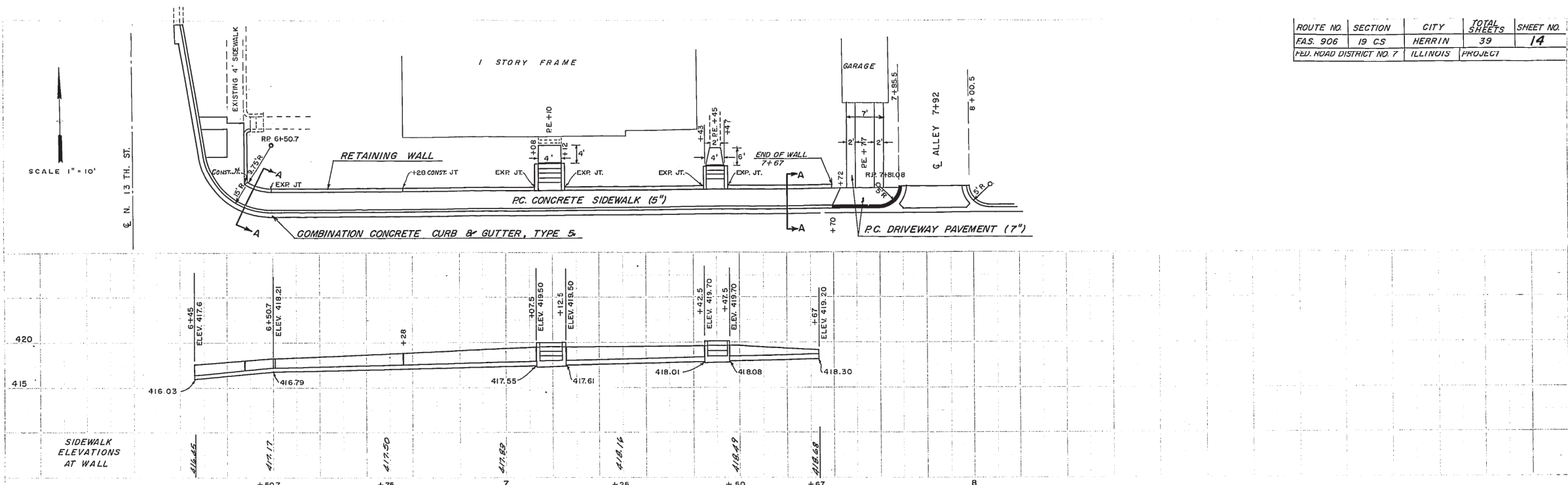
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RETAINING WALL DETAILS
E. HERRIN STREET IMPROVEMENTS
WILLIAMSON COUNTY, ILLINOIS

Date NOV. 2022 DR. By CWB/CSR CK'D By JVZ
Scale No. Scale Job No. 18163 Sheet No. 20 of 31

FOR INFORMATION ONLY

ROUTE NO.	SECTION	CITY	TOTAL SHEETS	SHEET NO.
FA 906	19 C.S.	HERRIN	39	14
ILLINOIS PROJECT		FED. ROAD DISTRICT NO. 7		



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9588	19-00072-00-RS	WILLIAMSON	31	21
ILLINOIS		E. HERRIN STREET		

CONTRACT NO. 99666

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-004515

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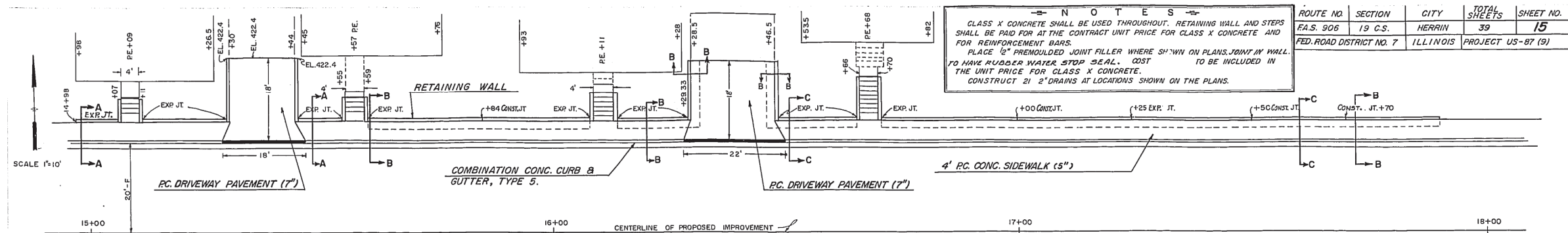
RETAINING WALL DETAILS
E. HERRIN STREET IMPROVEMENTS
WILLIAMSON COUNTY, ILLINOIS

Date NOV. 2022 DR. By CWB/CSR CK'D By JVZ

Scale No. Scale Job No. 18163 Sheet No. 21 of 31

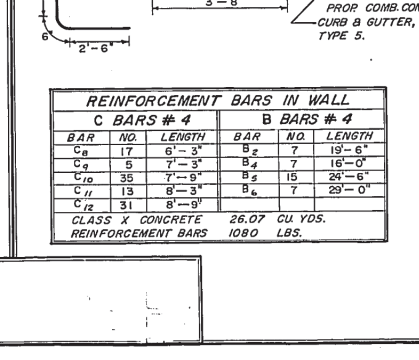
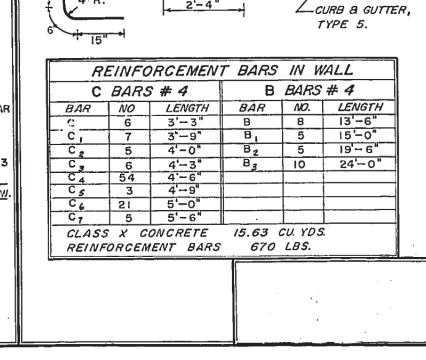
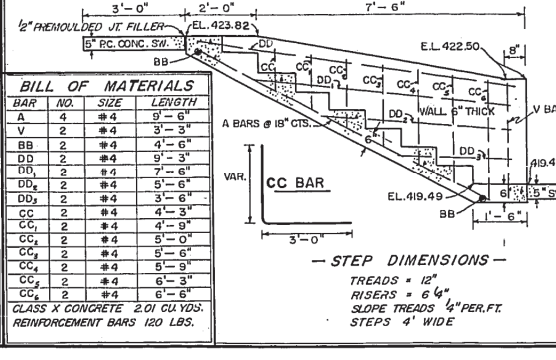
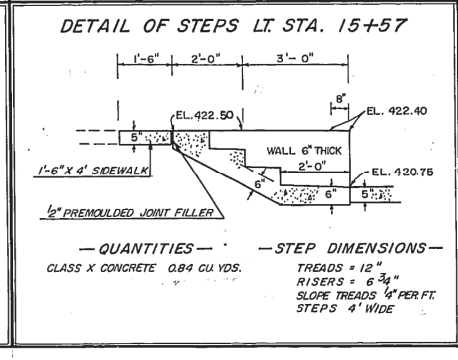
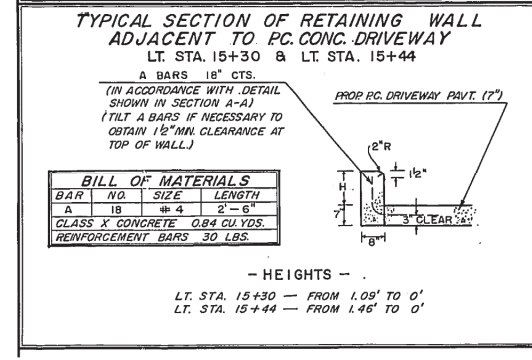
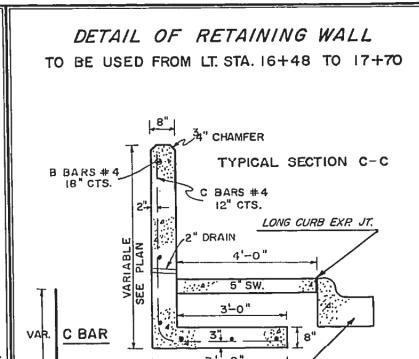
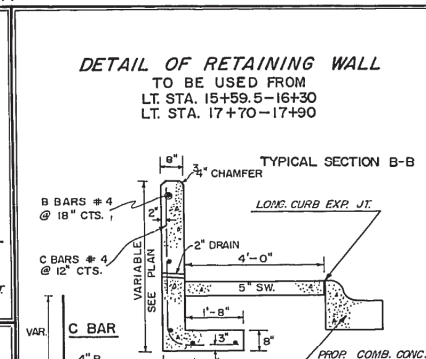
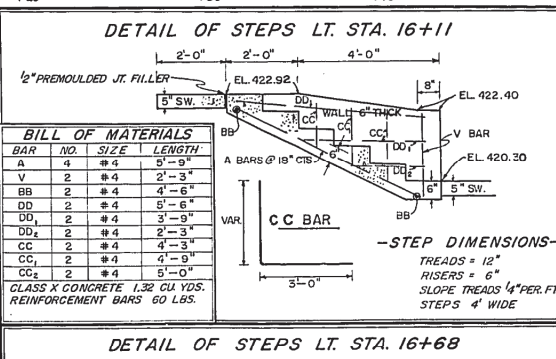
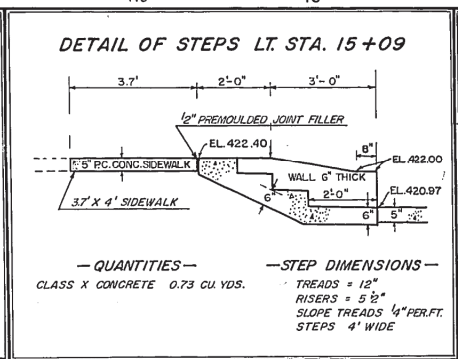
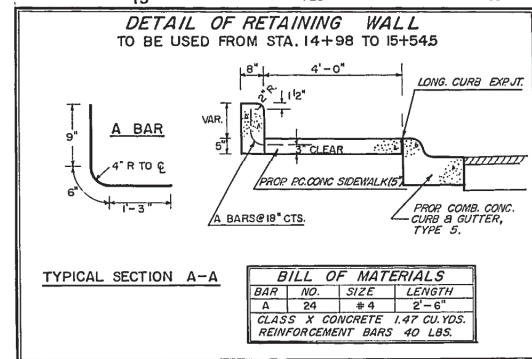
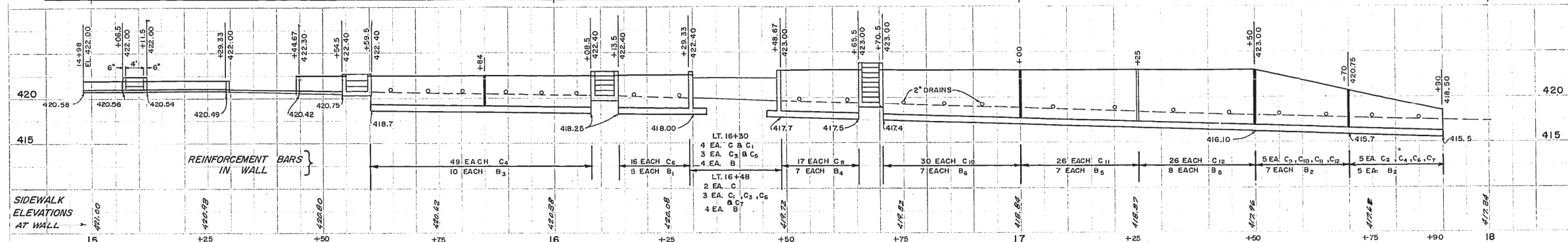
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ROUTE NO.	SECTION	CITY	TOTAL SHEETS	SHEET NO.
FA.S. 906	19 C.S.	HERRIN	39	15
FED. ROAD DISTRICT NO. 7 ILLINOIS			PROJECT US-87 (9)	

NOTES
 CLASS X CONCRETE SHALL BE USED THROUGHOUT. RETAINING WALL AND STEPS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR CLASS X CONCRETE AND FOR REINFORCEMENT BARS.
 PLACE 1/2" PREMOULDED JOINT FILLER WHERE SHOWN ON PLANS. JOINT IN WALL TO HAVE RUBBER WATER STOP SEAL. COST TO BE INCLUDED IN THE UNIT PRICE FOR CLASS X CONCRETE.
 CONSTRUCT 2" DRAINS AT LOCATIONS SHOWN ON THE PLANS.



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9588	19-00072-00-RS	WILLIAMSON	31	22
ILLINOIS		E. HERRIN STREET		

CONTRACT NO. 99666

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-004515

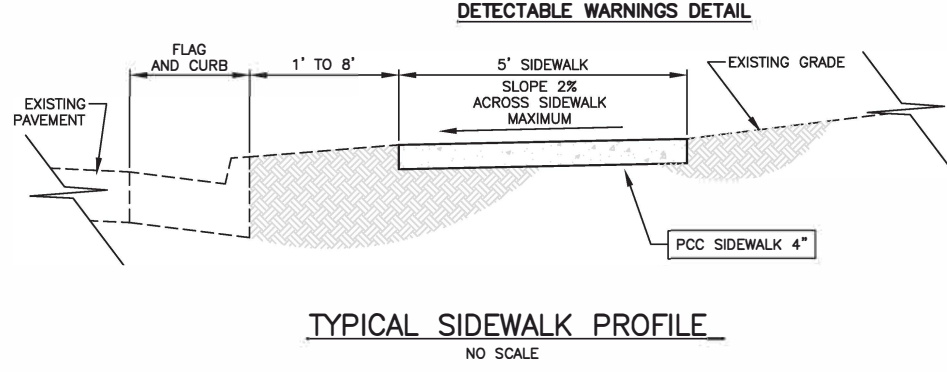
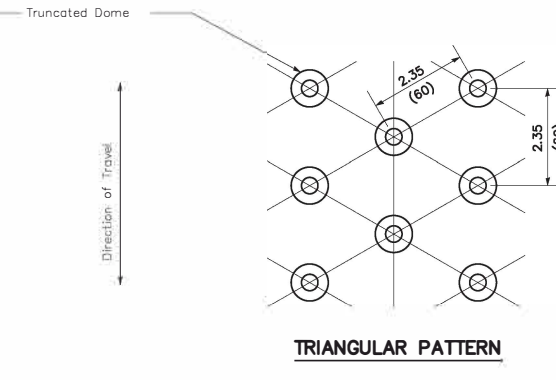
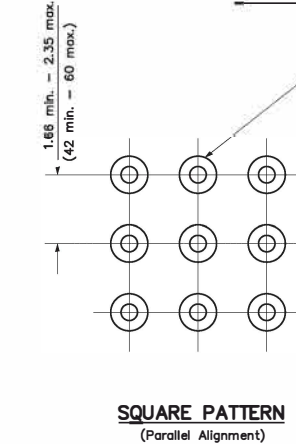
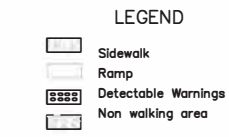
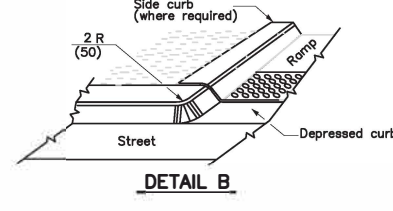
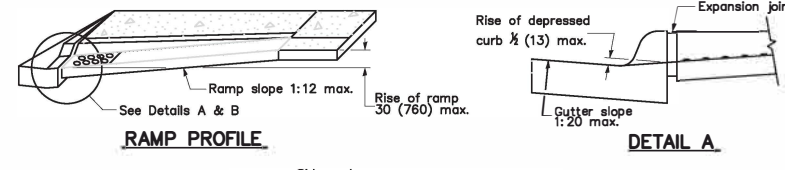
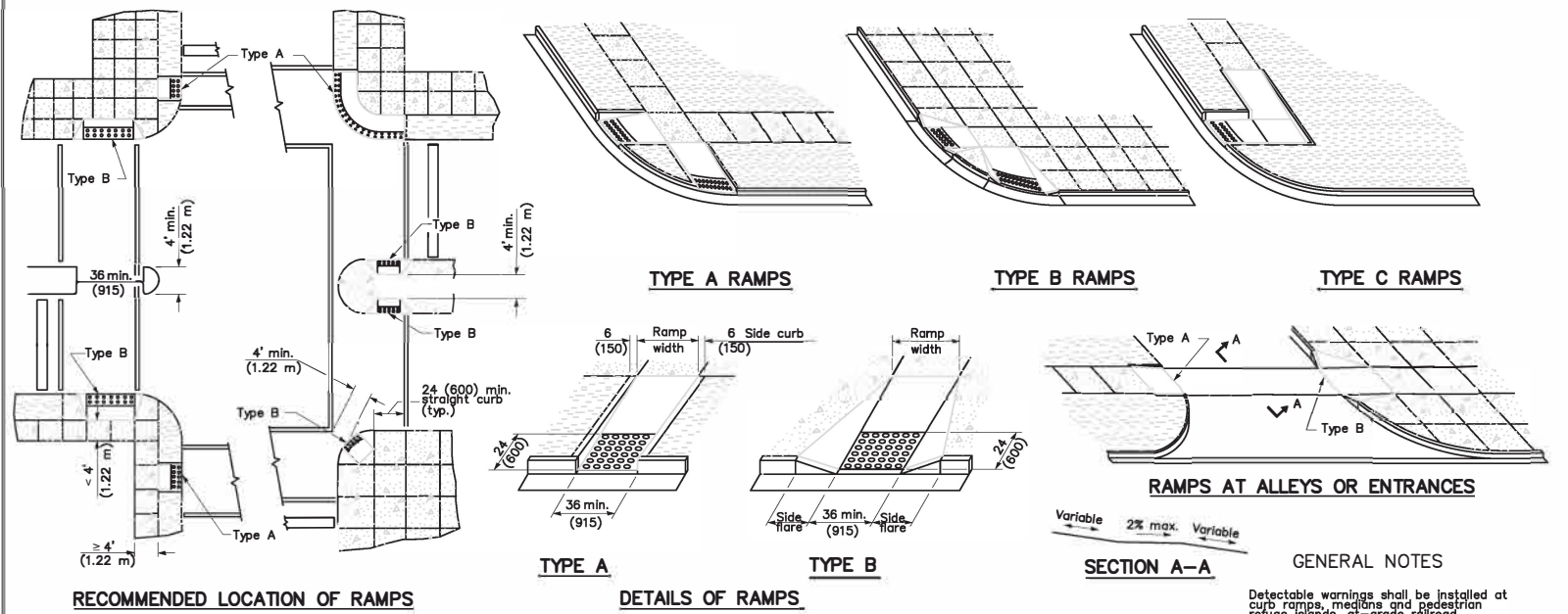
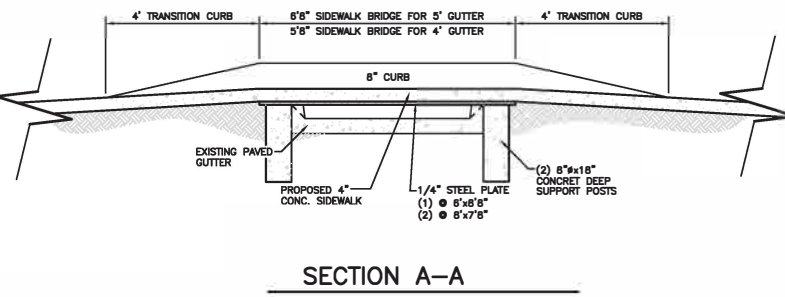
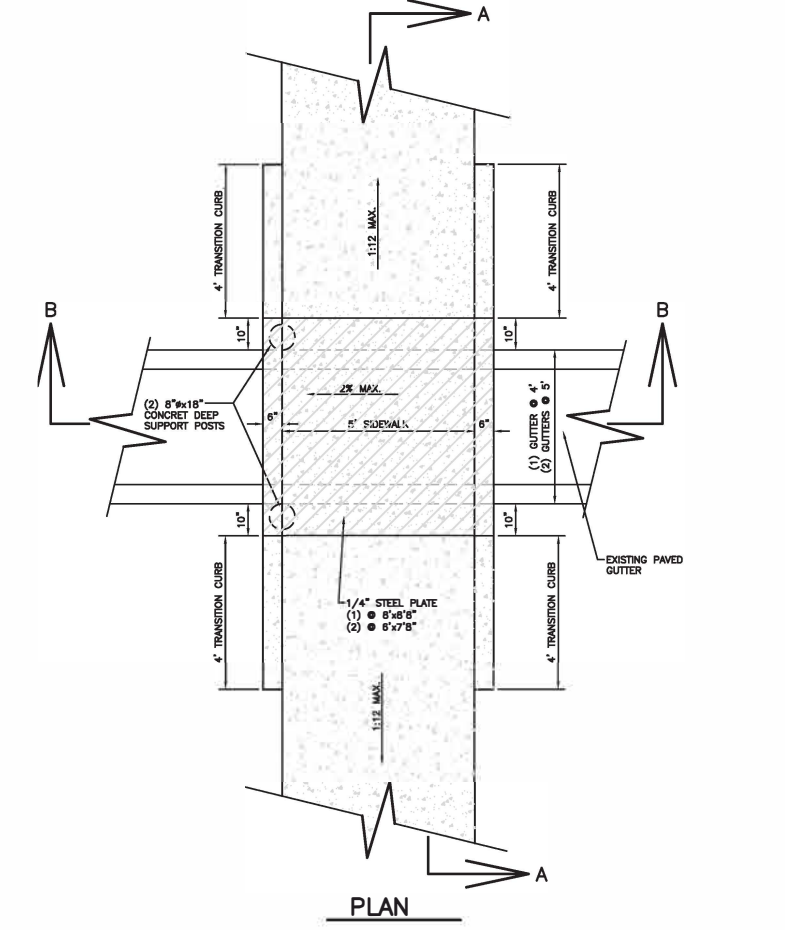
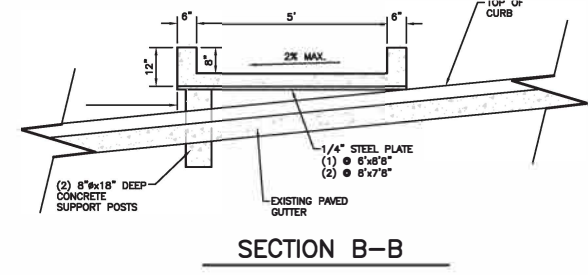
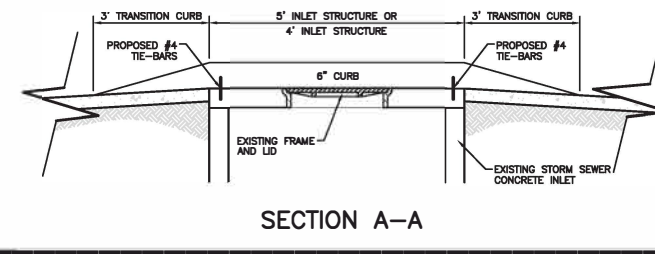
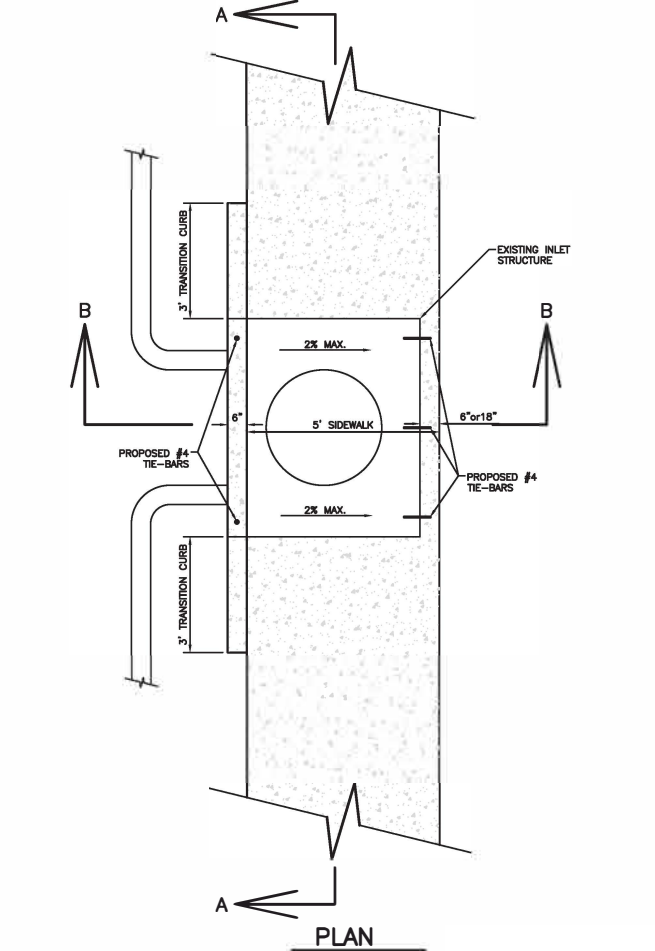
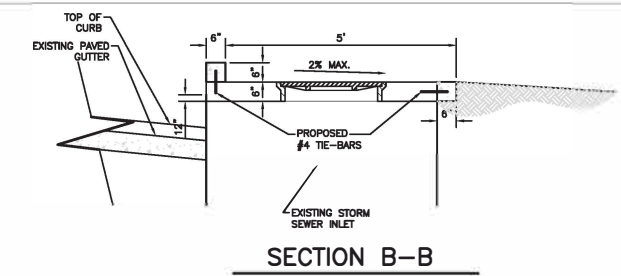
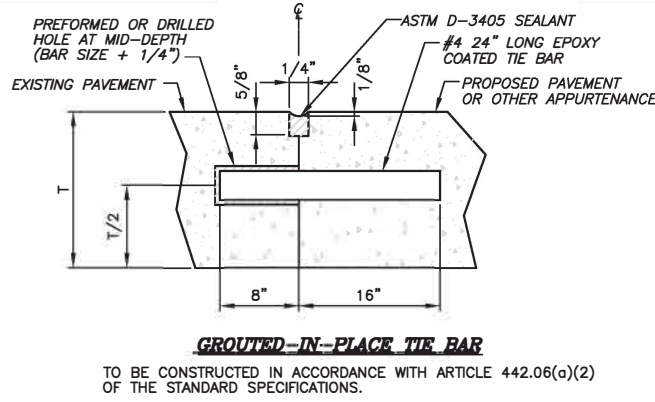
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RETAINING WALL DETAILS
E. HERRIN STREET IMPROVEMENTS
WILLIAMSON COUNTY, ILLINOIS

Date NOV. 2022 DR. By CWB/CSE CK'D By JVZ
 Scale No. Scale Job No. 18163 Sheet No. 22 of 31



GENERAL NOTES

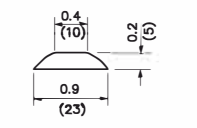
Detectable warnings shall be installed at curb ramps, medians and pedestrian refuge islands, at-grade railroad crossings, transit platform edges, and other locations where pedestrians are required to cross a hazardous vehicular way. Detectable warnings shall also be installed at alleys and commercial entrances when permanent traffic control devices are present.

The maximum slope of the side flare for Type B ramps shall be 1:10; however, if the width of the landing area between the top of the ramp and an obstruction is less than 4'-0" (1.22 m), then the maximum slope shall be 1:12.

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

All dimensions are in inches (millimeters) unless otherwise shown.

CURB RAMPS FOR SIDEWALKS
STANDARD 424001-11



TRUNCATED DOME DETAIL

CURB RAMPS FOR SIDEWALKS
STANDARD 424001-11

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9588	19-00072-00-RS	WILLIAMSON	31	23
		ILLINOIS E. HERRIN STREET		

CONTRACT NO. 99666

REVISIONS		DATE		NO.	

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-004515

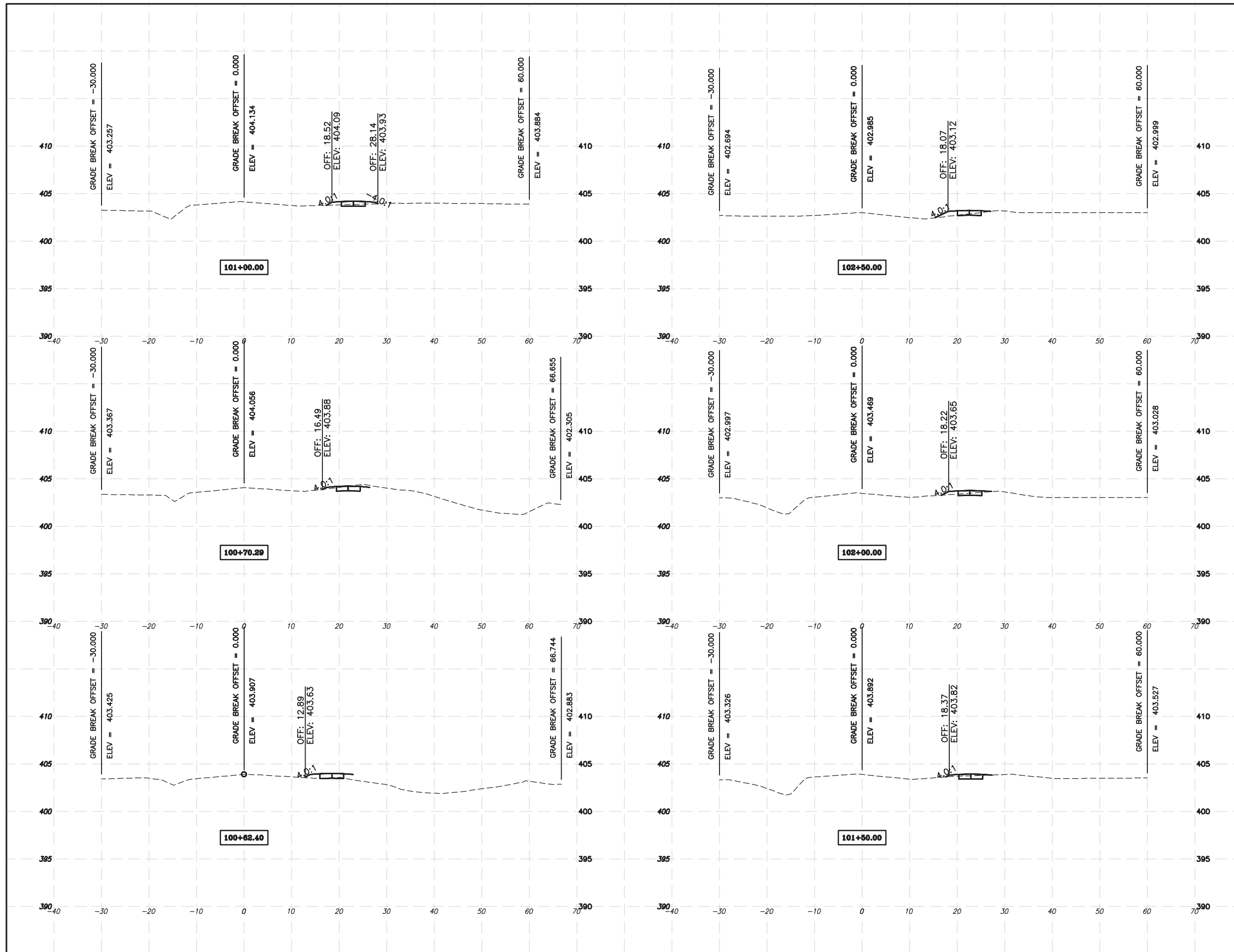
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MISC. DETAILS
E. HERRIN STREET IMPROVEMENTS
WILLIAMSON COUNTY, ILLINOIS

Date NOV. 2022 DR. By CWB/CSP CK'D By JVZ
Scale No Scale Job No. 18163 Sheet No. 23 of 31

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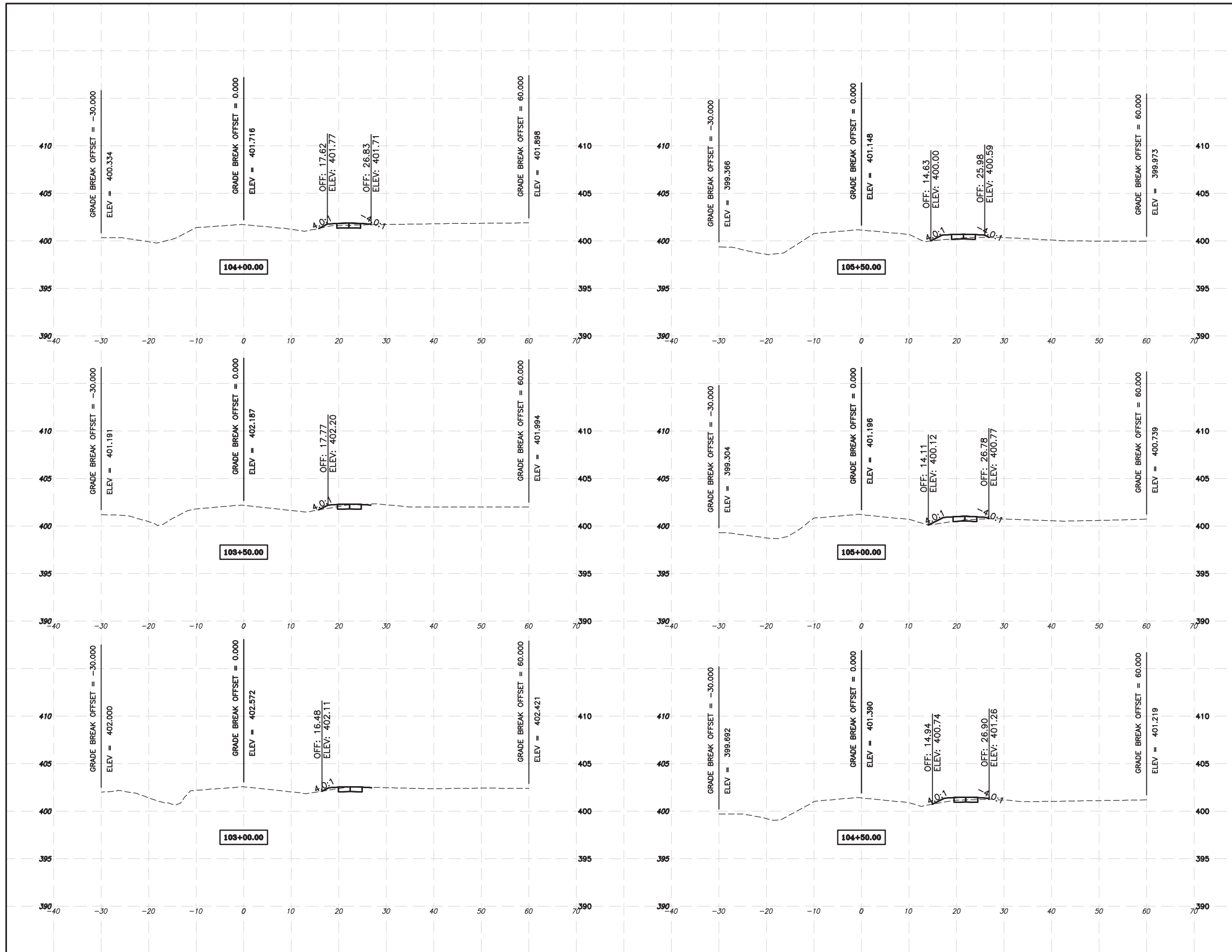


EAST HERRIN STREET IMPROVEMENTS – 3RD STREET CROSS-SECTIONS – STA 100+62.40 TO 102+50.00

PROJECT No. 18163
SHT. 24 OF 31

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9588	19-00072-00-RS	WILLIAMSON	31	24
ILLINOIS		E. HERRIN STREET		

CONTRACT NO. 99666

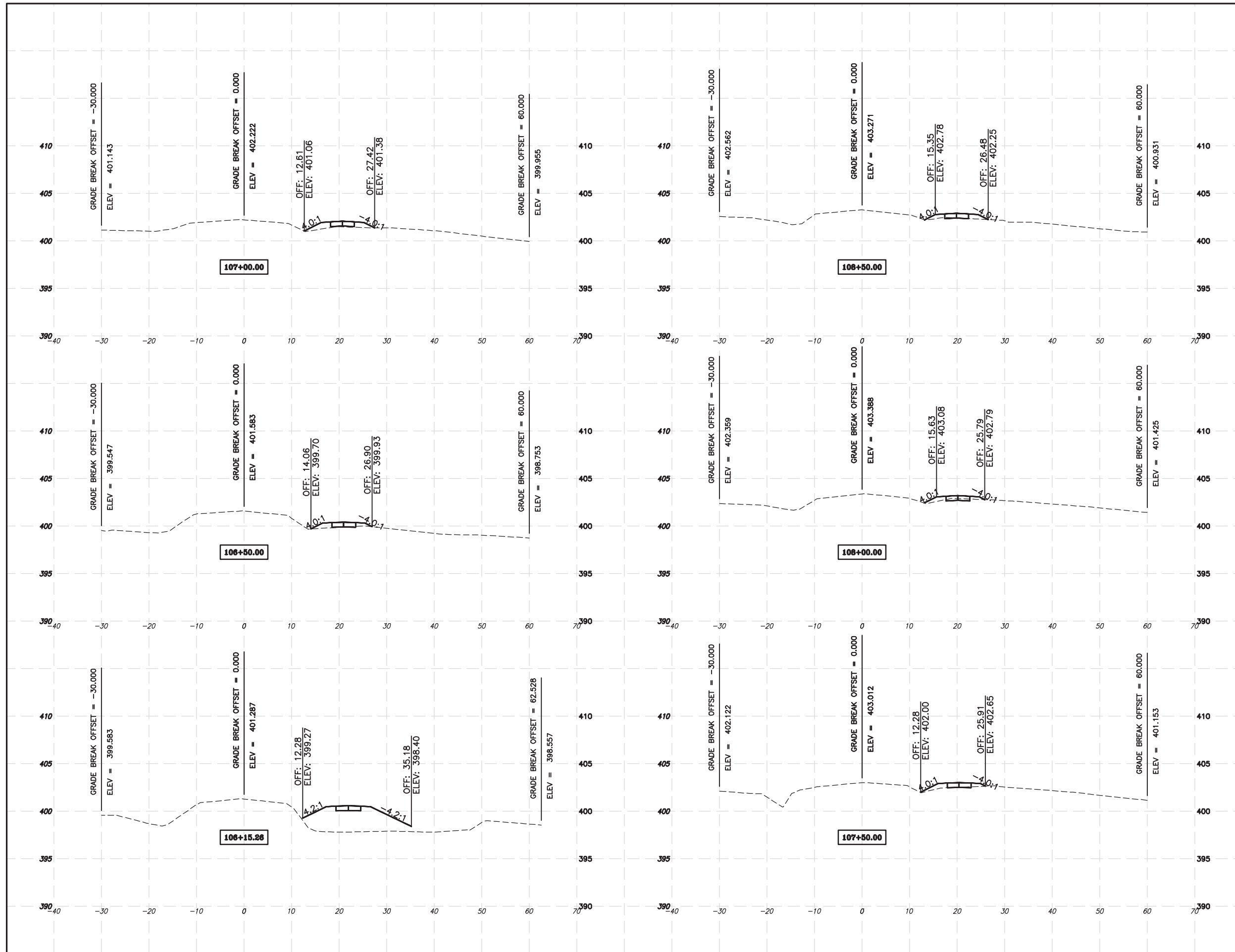


EAST HERRIN STREET IMPROVEMENTS – 3RD STREET CROSS-SECTIONS – STA 103+00.00 TO 105+50.00

PROJECT No. 18163
SHT. 25 OF 31

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9588	19-00072-00-RS	WILLIAMSON	31	25
ILLINOIS		E. HERRIN STREET		

CONTRACT NO. 99666

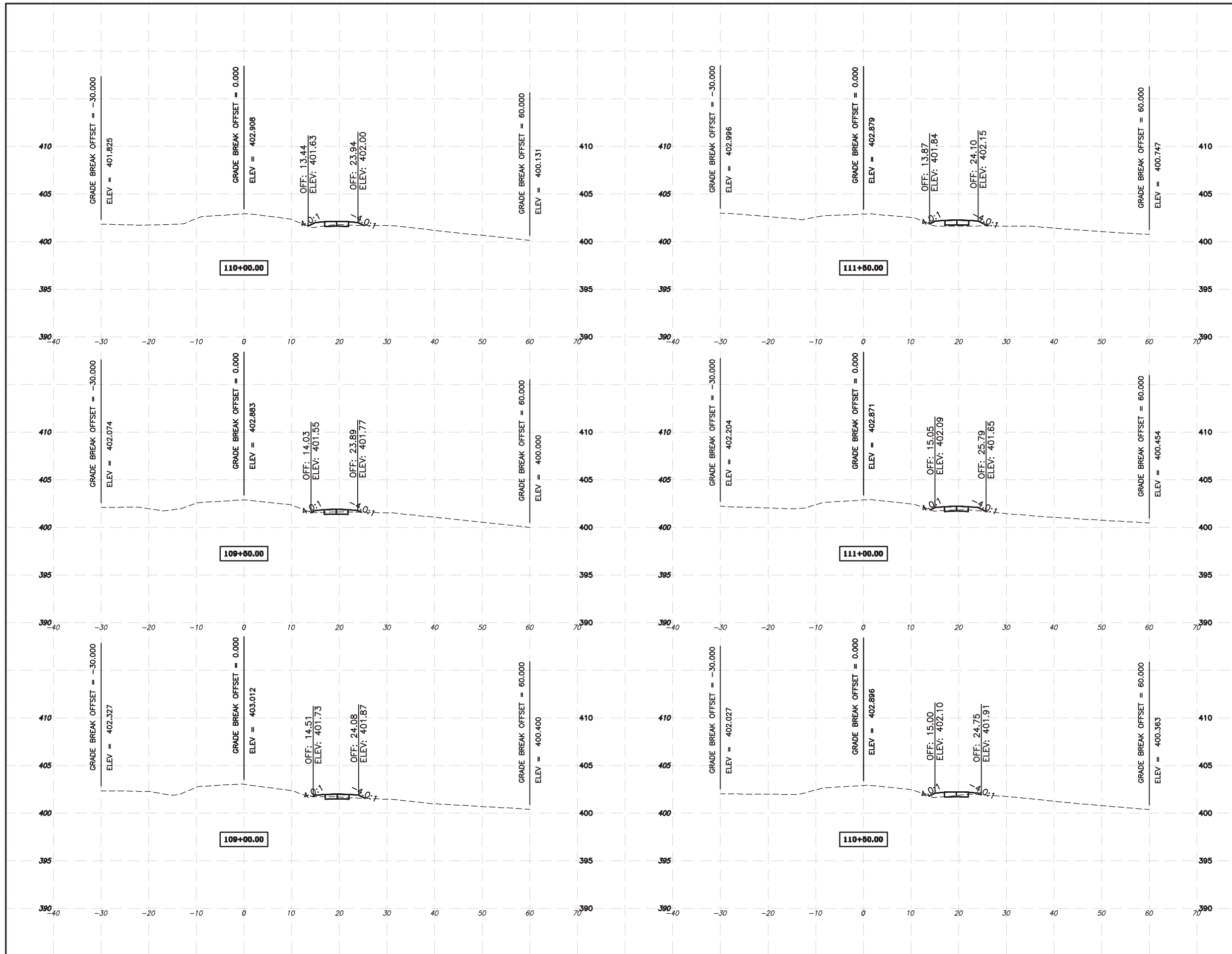


EAST HERRIN STREET IMPROVEMENTS – 3RD STREET CROSS-SECTIONS – STA 106+15.26 TO 108+50.00

PROJECT No. 18163
SHT. 28 OF 31

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9588	19-00072-00-RS	WILLIAMSON	31	26
ILLINOIS		E. HERRIN STREET		

CONTRACT NO. 99666

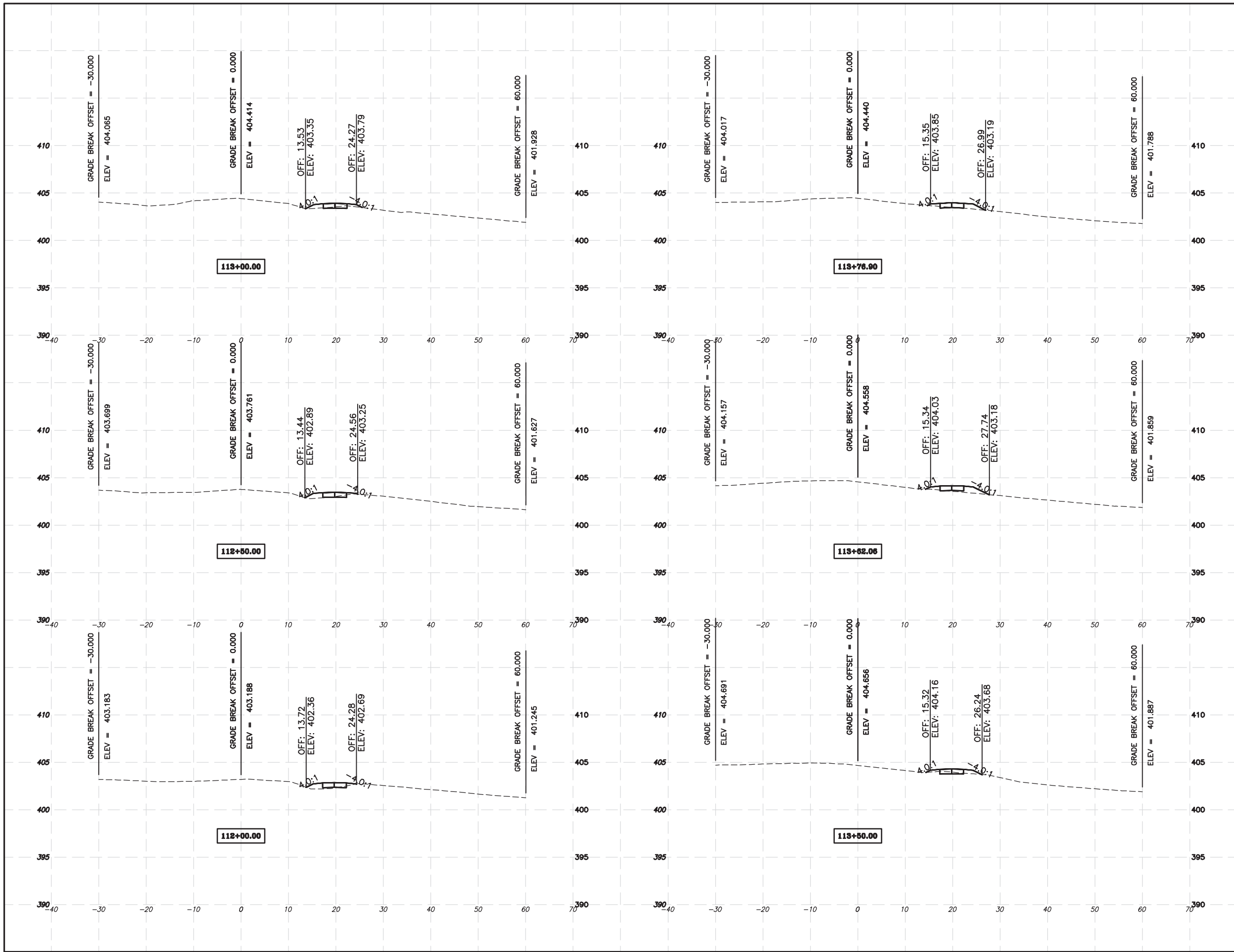


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9588	19-00072-00-RS	WILLIAMSON	31	27
ILLINOIS		E. HERRIN STREET		

CONTRACT NO. 99666

EAST HERRIN STREET IMPROVEMENTS – 3RD STREET CROSS-SECTIONS – STA 109+00.00 TO 111+50.00

PROJECT No. 18163
SHT. 27 OF 31

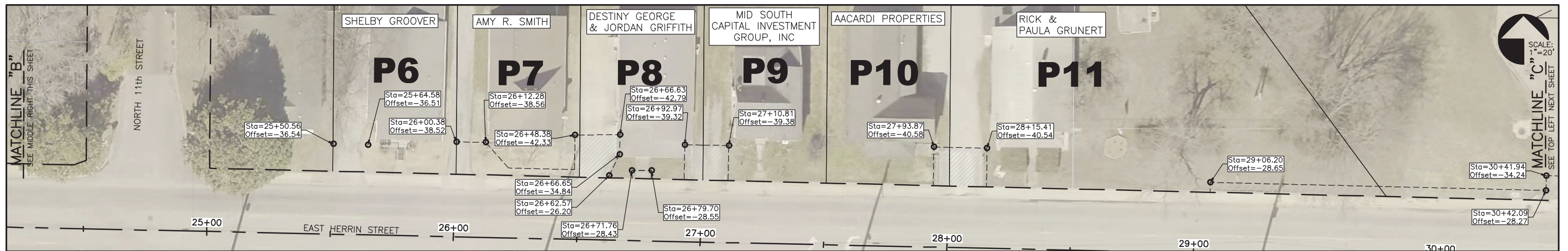
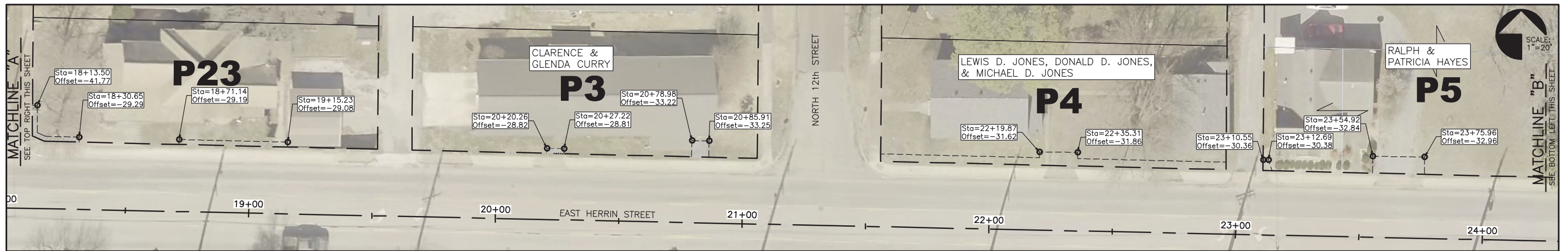
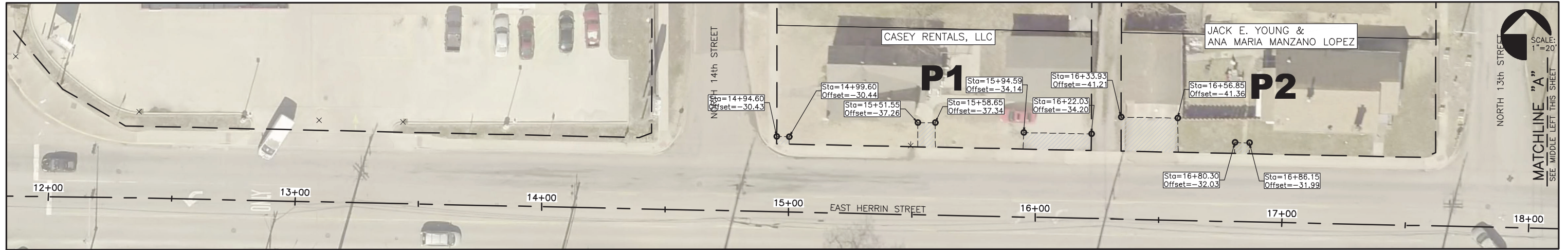


EAST HERRIN STREET IMPROVEMENTS – 3RD STREET CROSS-SECTIONS – STA 112+00.00 TO 113+76.90

PROJECT No. 18163
SHT. 28 OF 31

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9588	19-00072-00-RS	WILLIAMSON	31	28
ILLINOIS		E. HERRIN STREET		

CONTRACT NO. 99666



- PROPOSED ROW
- CONSTRUCTION EASEMENT
- EXISTING ROW

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9588	19-00072-00-RS	WILLIAMSON	31	29
ILLINOIS		E. HERRIN STREET		

CONTRACT NO. 99666

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-004515

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 410 North Court St, P.O. Box 937
 Marion, Illinois 62959
 Phone - (618)993-6411, Fax - (618)993-6750

RIGHT OF WAY SHEET
EAST HERRIN STREET SIDEWALK IMPROVEMENTS
WILLIAMSON COUNTY, ILLINOIS

Date AUG 2022 DR. By JWF/CSR CK'D By JVZ
 Scale 1"=20' Job No. 18163 Sheet No. 29 of 31



- PROPOSED ROW
- CONSTRUCTION EASEMENT
- EXISTING ROW

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9588	19-00072-00-RS	WILLIAMSON	31	30
ILLINOIS		E. HERRIN STREET		

CONTRACT NO. 99666

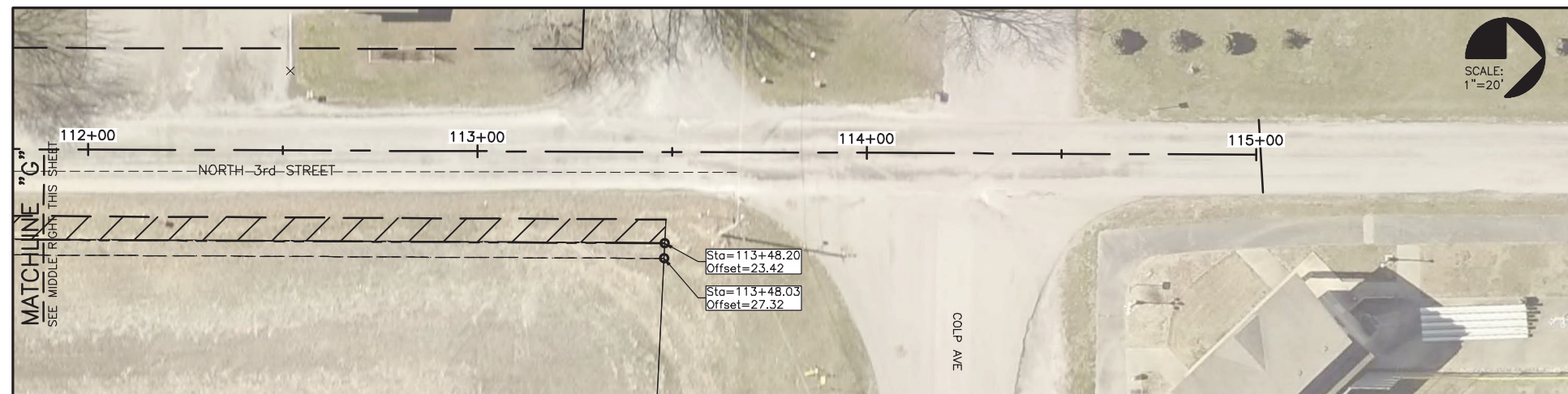
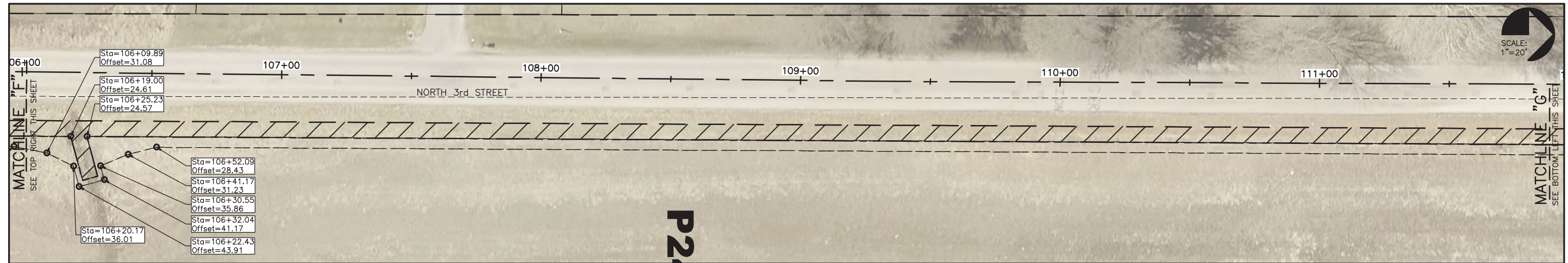
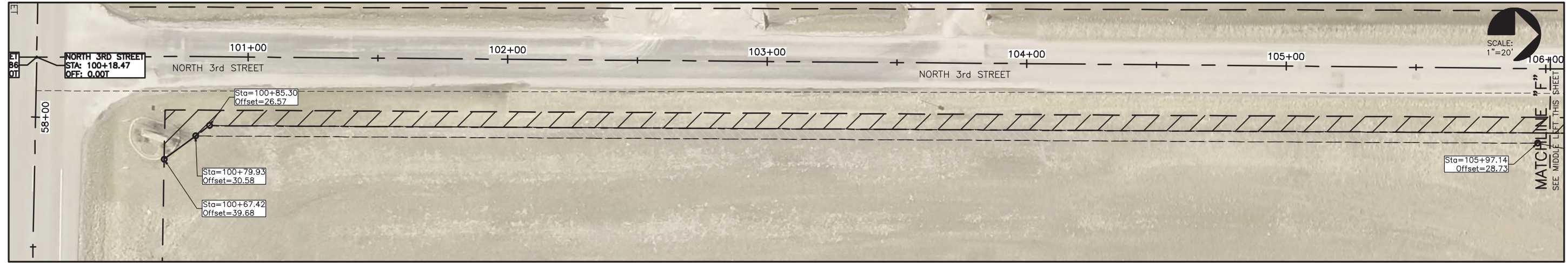
STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-004515

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RIGHT OF WAY SHEET
EAST HERRIN ST. IMPROVEMENTS
WILLIAMSON COUNTY, ILLINOIS

Date AUG 2022 DR. By JWF/CSR CK'D By JVZ
 Scale 1"=20' Job No. 18163 Sheet No. 30 of 31



- PROPOSED ROW
- CONSTRUCTION EASEMENT
- EXISTING ROW

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9588	19-00072-00-RS	WILLIAMSON	31	31
ILLINOIS		E. HERRIN STREET		

CONTRACT NO. 99666

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RIGHT OF WAY SHEETS
EAST HERRIN STREET SIDEWALK IMPROVEMENTS
WILLIAMSON COUNTY, ILLINOIS

Date AUG 2022 DR. By JWF/CSR CK'D By JVZ
 Scale 1"=20' Job No. 18163 Sheet No. 31 of 31