

**INDEX OF SHEETS**

01-19-2024 LETTING ITEM 123

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**GAS & ELECTRIC**

AMEREN ILLINOIS  
1008 E 14th STREET  
CENTRALIA, IL 62801

**COMMUNICATIONS**

CONSOLIDATED COMM.  
2116 S 17TH STREET  
MATTOON, IL 61938

AT&T  
1000 COMMERCE DRIVE  
OAK BROOK, IL 60523

**WATER**

CITY OF CENTRALIA  
CITY YARD OFFICE,  
114 E 5TH  
CENTRALIA, IL 62801

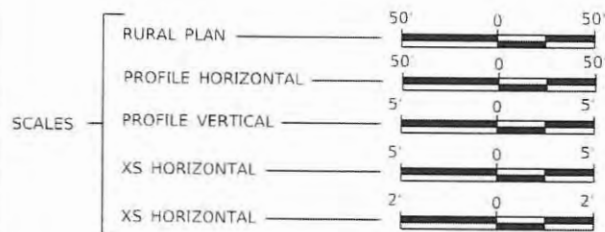
RACCOON WATER CO.  
2116 S 17TH STREET  
MATTOON, IL 61938

**GAS & OIL PIPELINE**

CITATION OIL & GAS CO.  
3943 BIG FOUR ROAD  
CLAY CITY, IL 62824

COUNTRYMARK  
6701 LOWER NEW HARMONY RD  
MT VERNON, IL 47620

MARATHON PETROLEUM  
3231 BUSSE ROAD  
ARLINGTON HEIGHTS, IL 60005



**J.U.L.I.E.**  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

**ODIN ROAD - MAJOR COLLECTOR**  
ADT = 650  
DESIGN SPEED = 50 MPH  
**GREEN STREET - MAJOR COLLECTOR**  
ADT = 2550  
DESIGN SPEED = 60 MPH

**3R GUIDELINES**

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
PLANS FOR PROPOSED  
SAFETY IMPROVEMENTS**

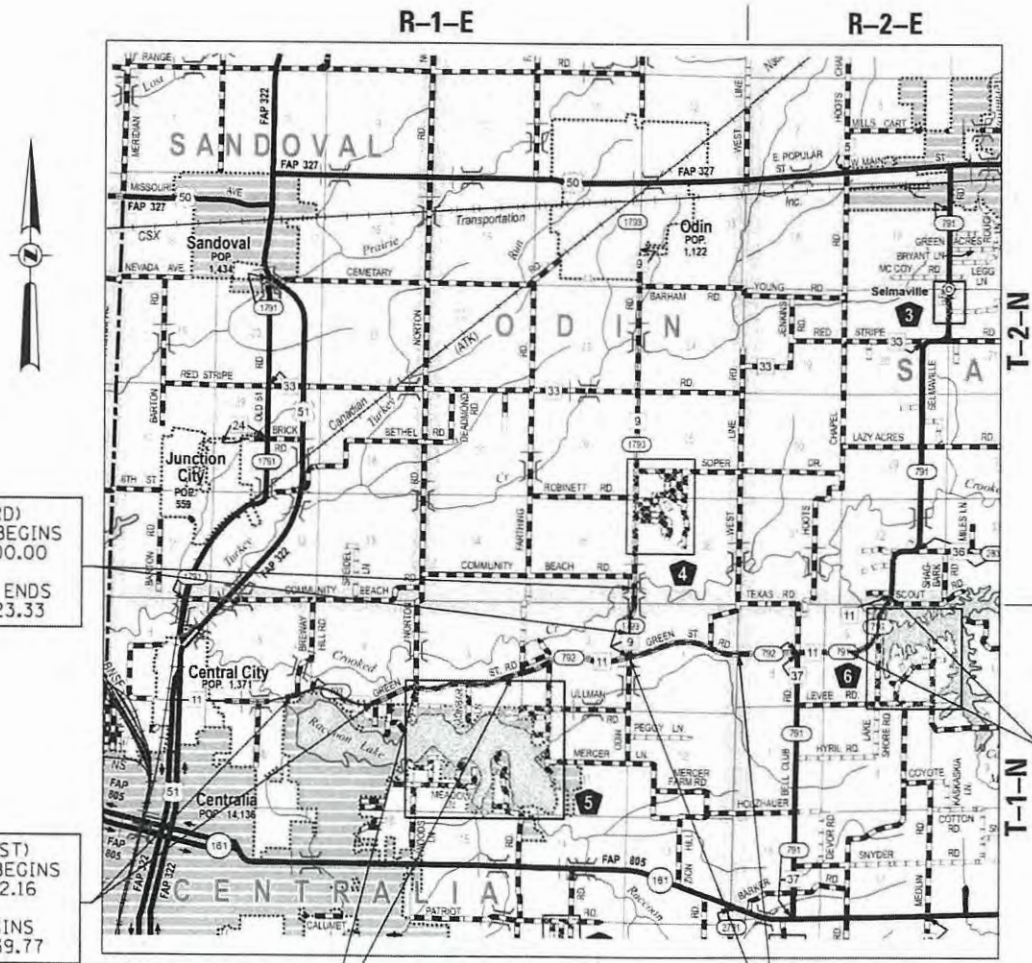
**MARION COUNTY HIGHWAY  
DEPARTMENT**

**SECTION 20-00144-00-SP  
F.A.U. 8591 / F.A.S. 792 - CH 11 (GREEN STREET)  
F.A.S. 1793 - CH 9 (ODIN ROAD)  
PROJECT NO. FU6M(069)  
JOB NO. C-98-042-22**

F.A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	20 00144 00 SP	MARION	181	I
F.A.S. 792 & 1793 & F.A.U. 8591		ILLINOIS	CONTRACT NO. 97820	



**DESCRIPTION OF WORK**  
THIS PROJECT CONSISTS OF CONSTRUCTING SAFETY IMPROVEMENTS FOR CH9 AND CH11. THE PROPOSED WORK WILL INCLUDE SHOULDER AND ENTRANCE WORK, DRIVEWAY CULVERT REMOVAL AND REPLACEMENT, GUARDRAIL PLACEMENT, DITCH GRADING, CROSSROAD CULVERT EXTENSIONS, SIGNING, AND ASSOCIATED WORK.

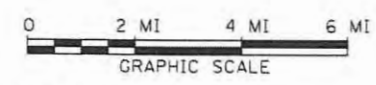


CH9 (ODIN RD)  
CONSTRUCTION BEGINS  
STATION 174+00.00  
CONSTRUCTION ENDS  
STATION 185+23.33

CH11 (GREEN ST)  
CONSTRUCTION BEGINS  
STATION 63+12.16  
OMISSION BEGINS  
STATION 109+39.77

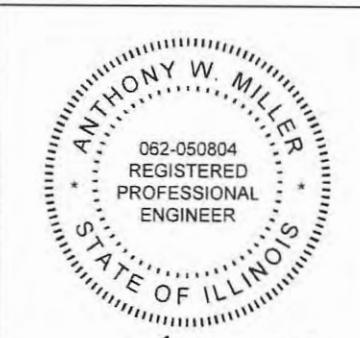
CH11 (GREEN ST)  
OMISSION ENDS  
STATION 126+02.52  
OMISSION BEGINS  
STATION 177+73.33

CH11 (GREEN ST)  
OMISSION ENDS  
STATION 351+21.86  
CONSTRUCTION ENDS  
STATION 385+58.46



**GREEN STREET**  
NET LENGTH = 18,783.66 FT. = 3.56 MI  
GROSS LENGTH = 32,246.30 FT. = 6.11 MI  
**ODIN ROAD**  
NET LENGTH = 1,130.73 FT. = 0.21 MI  
GROSS LENGTH = 1,130.73 FT. = 0.21 MI

Since 1945  
**Hutchison Engineering, Inc.**  
JACKSONVILLE • PEORIA • SHOREWOOD  
CARBONDALE • MOLINE  
Illinois Professional Design Firm No. 184-000825  
2023 JOB# 4925



SIGNATURE: *Anthony Miller* DATE: 10/30/2023  
ENGINEER'S SEAL EXPIRES 11/30/2023

APPROVED	<i>[Signature]</i>	2023
PASSED	11-8-2023	2023
DISTRICT EIGHT ENGINEER OF LOCAL ROADS & STREETS		
Released For Bid Based on Limited Review	11-8-2023	2023
REGION FIVE ENGINEER STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		

GENERAL NOTES

1. THE LOCATION OF UNDERGROUND UTILITIES SHOWN ON THE PLANS REPRESENTS THE BEST KNOWLEDGE OF THE COUNTY AND THE INDICATED ADJUSTMENTS OR RECONSTRUCTION ARE CONSIDERED TO BE REASONABLY ACCURATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATIONS OF UNDERGROUND INSTALLATIONS BEFORE STARTING CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL INDEMNIFY THE COUNTY, ITS OFFICERS, AND EMPLOYEES AGAINST ALL CLAIMS DUE TO DAMAGE TO CORPORATE OR PRIVATE PROPERTY RESULTING FROM HIS CONSTRUCTION OPERATIONS AS DESCRIBED IN ARTICLE 107.20 AND 107.26 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
2. THE CONTRACTOR MAY BE REQUIRED TO CONDUCT SOME OF HIS GRADING OPERATIONS AROUND TRANSMISSION POLES AND UNDER TRANSMISSION LINES. THE ADDED COST OF DOING SO SHALL BE INCLUDED WITH THE COST OF THE EARTH EXCAVATION.
3. WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND PRESERVE PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
4. WHEREVER IN THESE PLANS REFERENCE IS MADE TO THE "STANDARD SPECIFICATIONS", IT IS UNDERSTOOD TO INCLUDE THE "SUPPLEMENTAL SPECIFICATIONS" INCLUDED IN THE PROPOSAL.
5. THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER AND NOISE POLLUTION. THE CONTRACTOR WILL NOT BE ALLOWED TO BUILD FIRES ON THE SITE.
6. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS PROJECT, SPECIFICALLY AS THEY RELATE TO THE LUMP SUM PAY ITEMS.
7. THE CONTRACTOR SHALL NOTIFY THE AGENCIES AND UTILITIES AT LEAST 10 (TEN) DAYS PRIOR TO ANY CONSTRUCTION IN THE AREA AND SHALL COMPLY WITH ALL RESTRICTIONS FOR EQUIPMENT MOVEMENTS AND CLEARANCES AS REGARDS TO THEIR FACILITIES.
8. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR MUST CALL J.U.L.I.E. AT 1-800-892-0123 or 811 FOR FIELD LOCATIONS OF BURIED ELECTRICAL, TELEPHONE, GAS FACILITIES, AND ALL PUBLIC UTILITIES. A 48 HOUR NOTIFICATION IS REQUIRED.
9. VERIFICATION OF DIMENSIONS : IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
10. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY OWNERS AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT.
11. DURING CONSTRUCTION OPERATIONS, IF ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR DRAINAGE STRUCTURES SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SO AFFECTED SHALL BE FREE FROM ALL DEBRIS. THIS WORK SHALL BE INCLUDED WITH THE COST OF THE CONTRACT.
12. TRAFFIC SIGNS REMOVED MUST BE RESET AT THEIR PERMANENT LOCATIONS IN A WORKMANLIKE MANNER AND VISIBLE TO TRAFFIC ON THE ROADWAY AS DIRECTED BY THE ENGINEER. COST OF SUCH WORK SHALL BE INCLUDED WITH THE COST OF THE CONTRACT.
13. ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO REFER TO THE LATEST STANDARDS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION AS SHOWN ON THE TABULATION OF REQUIRED STANDARDS SHOWN IN THE PLANS.
14. ALL EXISTING PRIVATELY OWNED UTILITIES REQUIRING ADJUSTMENT WILL BE MADE BY THE UTILITY COMPANY INVOLVED. WHERE NO PROVISIONS HAVE BEEN MADE FOR ADJUSTMENTS ON THE PLANS, NO ADDITIONAL COMPENSATION WILL BE ALLOWED DUE TO DELAYS OR INCONVENIENCES CAUSED BY THE UTILITY ADJUSTMENTS.
15. MAILBOXES SHALL BE REMOVED AND RESET AT THEIR PERMANENT LOCATIONS IN ACCORDANCE WITH SECTION 107.20 OF THE STANDARD SPECIFICATIONS. MAILBOX LOCATION SHALL BE IN ACCORDANCE WITH HIGHWAY STANDARD BLR 24-2 AND AS DIRECTED BY THE ENGINEER.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES :

AGGREGATE	2.05 TON/CUBIC YARD
BITUMINOUS MATERIALS (PRIME COAT)	0.25 POUND/SQUARE FOOT
BITUMINOUS MATERIALS (TACK COAT)	0.05 POUND/SQUARE FOOT (ON MILLED PAVEMENT)
BITUMINOUS MATERIALS (TACK COAT)	0.025 POUND/SQUARE FOOT (BETWEEN LIFTS)
HOT-MIX ASPHALT	0.056 TON/SQUARE YARD/INCH
CEMENT	0.065 POUND/POUND MILLED MATERIAL (140 POUND/CUBIC FOOT)

MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION(S):	ODIN ROAD		GREEN STREET	
	SURFACE	BINDER	SHOULDERS	INCIDENTAL
MIXTURE USE(S):	PG 64-22	PG 64-22	PG 64-22	PG 64-22
AC/PG:	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4% @ Ndes=50	4% @ Ndes=50	4% @ Ndes=30	4% @ Ndes=50
MIXTURE COMP (GRADATION)	IL-9.5	IL-9.5	IL-9.5	IL-9.5
FRICITION				
AGGREGATE	MIX "C"	N/A	N/A	N/A
MIXTURE WEIGHT	112	112	112	112
QUALITY MANAGEMENT PROGRAM	QC/QA	QC/QA	QC/QA	QC/QA
SUBLOT SIZE	N/A	N/A	N/A	N/A
MATERIAL TRANSFER DEVICE (REQUIRED?)	N/A	N/A	N/A	N/A

BENCHMARKS

POINT#	STATION	OFFSET	ELEVATION	DESCRIPTION
ODIN ROAD				
BM 1	184+61.10	39.64' RT	501.76	RR SPIKE SET IN EAST SIDE OF WOODEN FENCE POST
BM 2	176+15.55	13.33' LT	475.09	CUT SQUARE IN NE CORNER OF CONC HEADWALL
GREEN STREET				
BM 3	65+30.51	40.40' RT	498.65	RR SPIKE SET IN NORTH SIDE OF TELEPHONE POLE
BM 4	70+25.74	35.62' LT	499.39	RR SPIKE SET IN NORTH SIDE OF POWER POLE
BM 5	73+56.82	65.71' RT	496.72	CUT X IN NE BOLT ON TOP OF FIRE HYDRANT
BM 6	78+18.98	37.12' LT	500.4	RR SPIKE SET IN SOUTH SIDE OF POWER POLE
BM 7	82+59.80	35.74' RT	500.94	RR SPIKE SET IN NORTH SIDE OF TELEPHONE POLE
BM 9	87+90.78	31.95' RT	505.48	RR SPIKE SET IN NORTH SIDE OF TELEPHONE POLE
BM 10	91+68.67	73.93' RT	508.99	TOP OF CONCRETE ROW MARKER
BM 11	101+47.74	36.13' LT	506.15	RR SPIKE SET IN SOUTH SIDE OF POWER POLE
BM 12	104+59.44	31.56' LT	508.78	RR SPIKE SET IN SOUTH SIDE OF POWER POLE
BM 13	129+20.21	37.56' LT	508.15	RR SPIKE SET IN SOUTH SIDE OF POWER POLE
BM 14	139+02.82	32.79' LT	510.26	RR SPIKE SET IN SOUTH SIDE OF POWER POLE
BM 15	150+22.00	34.50' LT	508.02	RR SPIKE SET IN SOUTH SIDE OF POWER POLE
BM 16	154+96.95	32.84' RT	507.37	RR SPIKE SET IN NORTH SIDE OF POWER POLE
BM 17	162+31.02	45.20' RT	512.81	RR SPIKE SET IN NORTH SIDE OF POWER POLE
BM 18	172+89.98	40.65' LT	514.56	RR SPIKE SET IN SOUTH SIDE OF POWER POLE
BM 19	240+18.33	50.71' LT	518.17	RR SPIKE SET IN SOUTH SIDE OF POWER POLE
BM 20	248+78.52	35.71' LT	520.05	RR SPIKE SET IN SOUTH SIDE OF POWER POLE
BM 21	254+71.27	31.58' RT	516.19	RR SPIKE SET IN NORTH SIDE OF POWER POLE
BM 22	262+27.05	35.90' RT	512.52	RR SPIKE SET IN NORTH SIDE OF POWER POLE
BM 23	266+31.15	34.07' LT	510.58	TOP OF CONCRETE ROW MARKER
BM 24	280+17.61	35.70' RT	502.68	RR SPIKE SET IN NORTH SIDE OF POWER POLE
BM 25	291+46.73	33.52' RT	510.93	RR SPIKE SET IN NORTH SIDE OF POWER POLE
BM 26	362+18.42	26.87' LT	504.79	MAG NAIL IN TOP OF 15" CMP
BM 27	371+54.85	49.14' LT	486.99	RR SPIKE SET IN EAST SIDE OF POWER POLE
BM 28	378+45.56	23.27' RT	497.43	CUT SQUARE IN S END OF CONC DRAINAGE DITCH

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
630001-13	STEEL PLATE BEAM GUARDRAIL
630116	BACK SIDE PROTECTION OF GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
642006-01	SHOULDER RUMBLE STRIPS, 8"
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEED > 45 MPH
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING 45MPH OR MORE
701901-09	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNT DETAILS
720006-04	SIGN PANEL ERECT DETAILS
725001-01	OBJECT AND TERMINAL MARKERS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
BLR 17-4	TRAFFIC CONTROL DEVICES - DAY LABOR CONSTRUCTION
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
BLR 24-2	MAILBOX TURNOUT FOR LOCAL ROADS
BLR 27-1	TRAFFIC BARRIER TERMINAL TYPE 5A

COMMITMENTS

1. ALL TREES THREE (3) INCHES IN DIAMETER AT BREAST HEIGHT SHALL NOT BE CLEARED FROM APRIL 1ST THROUGH SEPTEMBER 30TH OF ANY GIVEN YEAR.

MODEL: Default V:\1923 - CH 9 & CH 11 ISIP (Multiple)CADD\CADD Sheets\07-4923-sh-gmnote.dgn



USER NAME = JWhite	DESIGNED - AWM	REVISED -
PLOT SCALE = 2.0000' / 1"	DRAWN - HRC	REVISED -
PLOT DATE = 10/30/2023	CHECKED - CMB	REVISED -
	DATE - 07/2023	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ODIN ROAD AND GREEN STREET  
 GENERAL NOTES, HIGHWAY STANDARDS, AND BENCHMARKS

SCALE: N/A SHEET 1 OF 1 SHEETS

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	20-00144-00-SP	MARION	181	2
* F.A.S. 792 & 1793 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	MARION COUNTY
				SAFETY 0021 RURAL
# 20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	32	32
# 20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	74	74
# 20100500	TREE REMOVAL, ACRES	ACRE	1.75	1.75
20101000	TEMPORARY FENCE	FOOT	130	130
20200100	EARTH EXCAVATION	CU YD	5983	5983
20400800	FURNISHED EXCAVATION	CU YD	9131	9131
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1501	1501
28000305	TEMPORARY DITCH CHECKS	EACH	212	212
28000400	PERIMETER EROSION BARRIER	FOOT	8672	8672
28000500	INLET AND PIPE PROTECTION	EACH	80	80
28100209	STONE RIPRAP, CLASS A5	TON	140	140
28200200	FILTER FABRIC	SQ YD	130	130
35100500	AGGREGATE BASE COURSE, TYPE A 6"	SQ YD	238	238
35100700	AGGREGATE BASE COURSE, TYPE A 8"	SQ YD	480	480

\* SEE SPECIAL PROVISIONS

# SPECIALTY ITEMS

MODEL: DREQUR FILE NAME: V-4925 - C11.9 & C11.11 IISIP (Marion)CDDICADD Sheets02-4925-shi-50001.dgn

**Hutchison Engineering, Inc.**  
 Since 1945  
 JACKSONVILLE • PEORIA • SHREVEPORT  
 CARBONDALE • MOBILE  
 Illinois Professional Design Firm No. 184-00045

USER NAME = JWhite	DESIGNED - AWM	REVISED -
PLOT SCALE = 2.0000" / 1ft.	DRAWN - HRC	REVISED -
PLOT DATE = 10/30/2023	CHECKED - CMB	REVISED -
	DATE - 07/2023	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ODIN ROAD & GREEN STREET  
 SUMMARY OF QUANTITIES  
 SCALE: N/A SHEET 1 OF 5 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	20-00144-00-SP	MARION	181	3
* F.A.S. 792 & 1793 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	MARION COUNTY
				SAFETY
				0021 RURAL
40200500	AGGREGATE SURFACE COURSE, TYPE A 6"	SQ YD	3536	3536
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	1079	1079
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	173	173
* 40602978	HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50	TON	126	126
* 40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	65	65
* 40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	43	43
44000100	PAVEMENT REMOVAL	SQ YD	480	480
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	19607	19607
50102400	CONCRETE REMOVAL	CU YD	5.3	5.3
50105220	PIPE CULVERT REMOVAL	FOOT	2047	2047
50200100	STRUCTURE EXCAVATION	CU YD	7	7
50300225	CONCRETE STRUCTURES	CU YD	8.4	8.4
50300280	CONCRETE ENCASEMENT	CU YD	1.9	1.9
50400405	PRECAST PRESTRESSED CONCRETE DECK BEAMS (21" DEPTH)	SQ FT	639	639

\* SEE SPECIAL PROVISIONS

MODEL: Default  
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 2023

**Hutchison Engineering, Inc.**  
 Since 1945  
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 CARBONDALE • MOLINE  
 Illinois Professional Design Firm No. 154-000315  
 JOB # 4925

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PLOT DATE = 10/30/2023	CHECKED - CMB	REVISED -
	DATE - 07/2023	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**ODIN ROAD & GREEN STREET**  
**SUMMARY OF QUANTITIES**  
 SCALE: N/A SHEET 2 OF 5 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
'	20-00144-00-SP	MARION	181	4
* F.A.S. 792 & 1793 & F.A.U. 8591		CONTRACT NO. 97820		
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	MARION COUNTY
				SAFETY
				0021 RURAL
50800105	REINFORCEMENT BARS	POUND	1385	1385
# 50900205	STEEL RAILING, TYPE S1	FOOT	82	82
51201400	FURNISHING STEEL PILES HP10X42	FOOT	80	80
51202305	DRIVING PILES	FOOT	80	80
51203400	TEST PILE STEEL HP10X42	EACH	1	1
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	402	402
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	74	74
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	44	44
542A1060	PIPE CULVERTS, CLASS A, TYPE 2 15"	FOOT	10	10
542A1066	PIPE CULVERTS, CLASS A, TYPE 2 21"	FOOT	6	6
542A1069	PIPE CULVERTS, CLASS A, TYPE 2 24"	FOOT	6	6
542C0220	PIPE CULVERTS, CLASS C, TYPE 1 15"	FOOT	1288	1288
542C0223	PIPE CULVERTS, CLASS C, TYPE 1 18"	FOOT	160	160
542C0229	PIPE CULVERTS, CLASS C, TYPE 1 24"	FOOT	94	94

\* SEE SPECIAL PROVISIONS

# SPECIALTY ITEMS

MODEL: Default  
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 2023

**Hutchison Engineering, Inc.**  
Since 1945  
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Illinois Professional Design Firm No. 184-000025  
 JOB # 4925

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PLOT SCALE = 2.0000' / 1 in.	DRAWN - HRC	REVISED -
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	DATE - 07/2023	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ODIN ROAD & GREEN STREET  
 SUMMARY OF QUANTITIES  
 SCALE: N/A SHEET 3 OF 5 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1	20-00144-00-5P	MARION	181	5
* F.A.S. 792 & 1793 & F.A.U. 8591		CONTRACT NO. 97820		
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	MARION COUNTY	
				SAFETY	
				0021	RURAL
542C0241	PIPE CULVERTS, CLASS C, TYPE 1 36"	FOOT	6	6	
542C1060	PIPE CULVERTS, CLASS C, TYPE 2 15"	FOOT	112	112	
542C5479	PIPE CULVERTS, CLASS C, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	54	54	
54248510	CONCRETE COLLAR	CU YD	5	5	
58100200	WATERPROOFING MEMBRANE SYSTEM	SQ YD	290	290	
* 59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	5	5	
# 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	5575	5575	
# 63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	4	4	
# 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	29	29	
63200310	GUARDRAIL REMOVAL	FOOT	387	387	
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	35866	35866	
67100100	MOBILIZATION	L SUM	1	1	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	28	28	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	10	10	

\* SEE SPECIAL PROVISIONS

# SPECIALTY ITEMS

MODEL: Detail  
FILE NAME: V:\925 - C11.9 & C11.11\BSP (Marion)\CADD\CADD Sheets\06-4925\SM-50094.dwg  
2023

<b>Hutchison Engineering, Inc.</b> <small>Since 1945</small> JACKSONVILLE • FERRIS • SHOREWOOD CARBONDALE • MOLINE <small>Illinois Professional Design Firm No. 154-000315</small>	USER NAME = JVWhite	DESIGNED - AWM	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ODIN ROAD &amp; GREEN STREET</b> <b>SUMMARY OF QUANTITIES</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 2.0000" / 1ft.	CHECKED - CMB	REVISED -			'	20-00144-00-SP	MARION	181	6
	PLOT DATE = 10-30-2023	DATE - 07/2023	REVISED -			* F.A.S. 792 & 1793 & F.A.U. 8591	CONTRACT NO. 97820			
	JOB # 4925					ILLINOIS	FED. / ID PROJECT			

SCALE: N/A SHEET 4 OF 5 SHEETS

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	MARION COUNTY
					SAFETY
					0021 RURAL
#	72000100	SIGN PANEL - TYPE 1	SQ FT	276	276
#	72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	198	198
#	72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	29	29
#	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	555	555
#	78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	1109	1109
#	78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	88	88
*	X5010010	REMOVAL OF EXISTING PRECAST PRESTRESSED CONCRETE DECK BEAMS	SQ FT	319	319
# *	X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	15.25	15.25
*	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	254	254
*	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1
~	Z0076600	TRAINEES	HouR	2,000	
*	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
~	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HouR	2,000	
*	Z0016702	DETOUR SIGNING	L SUM	1	1

\* SEE SPECIAL PROVISIONS  
# SPECIALTY ITEMS  
~ 0042

MODEL: D:\PDR\ FILE NAME: VA1923 - CH 9 & CH 11 HSP (Marion)CAD\ICADD Sheets\07-4923-ht-SC005.dwg  
2023

**Hutchison Engineering, Inc.**  
Since 1985  
JACKSONVILLE - PEORIA - SHREVEPORT  
CARBONDALE - MOLINE  
Illinois Professional Design Firm No. 181-000815  
JOB # 4923

USER NAME = JWhite	DESIGNED - AWM	REVISED -
PLOT SCALE = 2.0000" / in.	DRAWN - HRC	REVISED -
PLOT DATE = 10/30/2023	CHECKED - CMB	REVISED -
	DATE - 07/2023	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**ODIN ROAD & GREEN STREET**  
**SUMMARY OF QUANTITIES**  
SCALE: N/A SHEET 5 OF 5 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	20-00144-00-SP	MARION	181	7
* F.A.S. 792 & 1793 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS FED. AID PROJECT				

TREE REMOVAL SCHEDULE					
STATION TO STATION	SIDE	TREE REMOVAL			ACRES
		6 TO 15 UNITS	OVER 15 UNITS	ACRES	
		UNIT		ACRE	
<b>ODIN ROAD</b>					
63+09.13	65+17.61	RT			0.03
65+65.11	71+69.79	RT			0.07
	87+50.73	LT		30	0.01
93+35.32	95+04.91	RT			
95+97.45	97+81.00	RT			0.01
106+58.20	107+83.64	RT			0.01
	127+93.23	RT	15		
	128+10.01	RT	7		
	148+35.26	RT	10		
149+39.41	150+99.21	LT			0.01
157+59.03	157+82.44	RT			0.01
	160+72.54	LT		27	
164+72.29	172+25.18	RT			0.05
165+19.59	167+28.43	LT			0.01
242+96.76	244+55.24	RT			0.09
	257+18.93	LT		17	
277+51.38	278+55.63	LT			0.02
354+02.86	367+57.18	RT			0.29
356+39.98	365+75.04	LT			0.16
370+06.22	384+90.49	RT			0.38
376+99.11	384+00.62	LT			0.11
<b>GREEN STREET</b>					
174+28.12	175+21.62	LT			0.01
174+36.93	175+12.44	RT			0.01
176+49.46	185+16.68	RT			0.19
177+29.31	185+13.62	LT			0.16
<b>TOTAL</b>			<b>32</b>	<b>74</b>	<b>1.64</b>
<b>USE</b>			<b>32</b>	<b>74</b>	<b>1.75</b>

CULVERT REMOVAL SCHEDULE				
STATION TO STATION	SIDE	PIPE CULVERT REMOVAL		
		FOOT	FOOT	
<b>GREEN STREET</b>				
65+08.91	65+35.19	LT	26.2	
72+01.16	72+30.98	LT	30.4	
73+35.40	73+64.70	LT	30.0	
74+43.89	74+75.19	LT	32.1	
76+05.93	76+84.50	LT	80.3	
76+36.11	76+73.93	RT	37.3	
76+87.29	77+14.62	RT	26.8	
77+89.27	78+13.34	RT	23.5	
78+24.47	78+50.59	LT	26.7	
78+54.15	78+83.91	RT	29.1	
79+77.42	80+07.13	LT	30.3	
81+25.84	81+53.32	RT	27.0	
82+14.84	82+41.09	RT	26.3	
83+82.06	84+30.71	RT	48.7	
84+26.74	84+51.08	LT	24.3	
87+70.66	87+97.35	LT	26.4	
88+78.35	89+04.79	LT	26.2	
92+28.32	92+58.55	LT	30.0	
92+62.09	92+82.52	LT	20.3	
93+46.68	93+73.11	LT	26.2	
94+79.47	95+10.03	LT	30.3	
95+95.18	96+21.90	LT	26.4	
97+94.11	98+18.48	RT	24.7	
103+97.50	104+39.30	RT	42.3	
104+30.23	104+56.62	LT	26.1	
104+55.59	105+00.76	RT	45.8	
105+20.93	105+66.22	RT	45.9	
106+05.35	106+34.70	LT	29.0	
126+62.00	126+80.58	RT	18.6	
129+08.18	129+26.69	RT	18.5	
129+35.03	129+69.79	RT	34.8	
132+39.59	132+69.46	LT	29.5	
142+47.66	142+89.37	RT	41.6	
146+13.64	146+41.28	RT	27.3	

CULVERT REMOVAL SCHEDULE				
STATION TO STATION	SIDE	PIPE CULVERT REMOVAL		
		FOOT	FOOT	
<b>GREEN STREET</b>				
146+30.16	146+56.08	LT	26.3	
149+17.71	149+43.54	LT	26.2	
156+47.41	156+73.66	RT	26.3	
158+35.46	158+54.95	RT	19.8	
162+31.08	162+69.28	RT	38.9	
162+50.06	162+76.51	LT	26.0	
164+51.70	164+84.50	RT	33.1	
177+33.37	177+59.28	LT	25.9	
251+16.37	251+42.38	RT	26.0	
251+33.57	251+62.68	LT	29.1	
253+85.31	254+11.06	LT	25.8	
255+41.38	255+81.67	LT	40.3	
255+53.66	255+79.58	RT	25.9	
257+23.93	257+54.16	LT	30.5	
257+48.67	257+75.03	RT	26.2	
261+09.11	261+35.44	RT	26.1	
270+74.44	271+12.30	RT	37.6	
270+83.64	271+13.53	LT	30.1	
279+24.12	279+65.69	LT	26.2	
280+17.52	280+43.73	RT	41.6	
286+60.66	286+80.66	RT	20.0	
287+59.32	287+86.44	LT	26.6	
290+02.02	291+04.70	RT	103.3	
290+78.08	291+03.70	LT	25.6	
351+29.90	351+56.04	LT	26.1	
353+94.79	354+15.33	LT	20.2	
355+20.74	355+45.48	LT	24.2	
356+24.20	356+46.91	LT	22.2	
361+91.66	362+18.63	LT	26.5	
368+10.64	368+57.84	LT	46.3	
380+24.08	380+52.21	LT	28.8	
381+40.05	381+60.05	RT	20.0	
<b>TOTAL</b>			<b>2046.2</b>	
<b>USE</b>			<b>2047</b>	

ENTRANCE SCHEDULE					
STATION	SIDE	WIDTH	AGG. BASE COURSE, TYPE A 6"	AGG. SURFACE COURSE, TYPE A 6"	INCIDENTAL HMA SURFACING
			SQ YD	SQ YD	
<b>GREEN STREET</b>					
65+23.70	LT	15'		35.6	
65+47.76	RT	22'	77.6		8.5
72+17.28	LT	15'		35.5	
73+41.16	RT	16'		37.8	
73+51.38	LT	15'		35.6	
74+61.11	LT	17'		31.1	
76+39.47	LT	35'		62.2	
76+54.62	RT	12'		29.4	
76+75.05	LT	12'		22.3	
77+02.72	RT	12'		29.3	
78+02.80	RT	13'		31.4	
78+36.44	LT	12'		22.4	
78+69.20	RT	18'		42.0	
79+89.84	LT	14'		25.9	
81+40.56	RT	16'		37.7	
82+29.20	RT	20'		46.2	
83+91.84	RT	12'		29.3	
84+14.26	RT	12'		29.3	
84+37.20	LT	12'		29.3	
87+82.59	LT	14'		33.5	
88+91.13	LT	13'		31.4	
90+76.29	LT	16'	41.8		6.3
90+99.47	RT	18'		42.0	
92+42.02	LT	13'		24.1	
92+72.12	LT	12'		22.3	
92+82.58	RT	12'		29.4	
93+63.52	LT	14'		33.5	
94+95.23	LT	18'		42.0	
95+54.61	RT	18'		42.0	
96+09.39	LT	16'		37.8	
98+07.59	RT	14'		33.6	
100+15.66	LT	16'		37.7	
104+13.25	RT	32'	42.1		7.9
104+39.27	LT	16'		37.7	
104+77.73	RT	28'		63.1	
105+44.41	RT	35'		77.8	
106+19.73	LT	12'		29.3	
126+70.89	RT	13'		31.4	
129+16.48	RT	12'		29.3	
129+55.16	RT	12'		29.3	
132+24.59	RT	19'		53.7	
132+56.35	LT	18'		42.0	
139+49.49	RT	23'		52.6	
139+74.40	LT	21'		48.3	
142+69.31	RT	23'		52.6	
146+27.80	RT	16'		37.7	
146+42.30	LT	16'		37.8	
149+27.69	LT	16'		29.5	
<b>TOTAL</b>				<b>237.4</b>	<b>3536.0</b>
<b>USE</b>				<b>238</b>	<b>3536</b>

ENTRANCE SCHEDULE					
STATION	SIDE	WIDTH	AGG. BASE COURSE, TYPE A 6"	AGG. SURFACE COURSE, TYPE A 6"	INCIDENTAL HMA SURFACING
			SQ YD	SQ YD	
<b>GREEN STREET</b>					
152+82.00	RT	32'		46.7	
154+74.14	LT	16'		37.8	
156+59.98	RT	12'		29.3	
156+90.99	LT	13'		31.4	
158+45.25	RT	16'		37.8	
162+50.49	RT	25'		66.4	
162+62.30	LT	13'		31.4	
164+63.59	RT	16'		37.8	
168+90.53	RT	12'		29.3	
169+07.09	LT	18'		51.5	
172+49.07	LT	14'		43.0	
176+72.14	RT	16'		37.8	
177+45.76	LT	16'		37.8	
251+30.14	RT	19'		44.1	
251+49.89	LT	18'		42.0	
253+94.41	LT	21'		48.3	
255+57.99	LT	31'		69.4	
255+66.37	RT	16'		37.8	
257+38.93	LT	24'		54.7	
257+62.44	RT	16'		37.8	
261+21.37	RT	21'		48.3	
270+90.56	RT	24'		54.7	
271+00.25	LT	25'		56.8	
274+49.48	LT	16'		37.8	
279+40.49	LT	34'	39.6		8.2
280+33.02	RT	13'		31.4	
286+66.76	LT	16'		37.7	
286+69.87	RT	16'		29.5	
287+73.18	LT	12'		22.3	
290+87.17	RT	12'		35.7	
290+89.85	LT	16'		37.8	
351+41.86	LT	20'		46.2	
351+43.45	RT	15'		35.7	
354+03.82	LT	16'		46.6	
355+27.88	LT	13'		38.6	
356+32.97	LT	13'		38.6	
359+59.72	LT	16'		64.4	
360+07.75	RT	14'		49.1	
362+03.71	LT	14'		56.9	
368+33.80	LT	20'		57.5	
368+36.35	RT	50'	36.3		11.4
373+03.11	RT	15'		60.4	
377+42.98	LT	12'		29.0	
380+40.08	LT	18'		52.1	
381+51.01	RT	12'		42.7	
<b>TOTAL</b>			<b>237.4</b>	<b>3536.0</b>	<b>42.3</b>
<b>USE</b>			<b>238</b>	<b>3536</b>	<b>43</b>

PAVEMENT MARKING SCHEDULE

STATION TO STATION	SIDE	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	PAINT PAVEMENT MARKING - LINE 4"	
				WHITE	DOUBLE YELLOW
				FOOT	SQ FT
<b>ODIN ROAD</b>					
174+58.44	177+35.56	CL	27.7	9.2	554.2
174+58.44	177+35.56	RT			277.1
174+58.44	177+35.56	LT			277.1
<b>TOTAL</b>			<b>27.7</b>	<b>9.2</b>	<b>1108.5</b>
<b>USE</b>		</			



ENTRANCE CULVERT SCHEDULE

STATION TO STATION	SIDE	INLET AND PIPE PROTECTION	CLASS A TYPE 1			CLASS C TYPE 1			CLASS C TYPE 2	CLASS C TYPE 1 EQRS 24"
			15"	18"	24"	15"	18"	24"	15"	
			FOOT							
<b>GREEN STREET</b>										
65+11.48	65+37.63	LT	1				26.0			
72+07.16	72+30.64	LT	1	24.0						
73+39.86	73+63.28	LT	1	24.0						
74+45.42	74+78.60	LT	1	34.0						
76+12.84	76+88.99	LT	1				78.0			
76+36.31	76+69.07	RT	1		32.0					
76+92.24	77+12.70	RT	1				20.0			
77+90.37	78+14.96	RT	1				24.0			
78+12.51	78+50.83	LT	1	30.0						
78+55.47	78+84.11	RT	1	28.0						
79+74.91	80+04.20	LT	1				30.0			
81+31.81	81+54.31	RT	1						22.0	
82+15.63	82+43.63	RT	1				28.0			
83+82.07	84+30.07	RT	1				48.0			
84+27.73	84+45.72	LT	1	18.0						
87+70.80	87+95.11	LT	1				24.0			
88+80.44	89+02.70	LT	1				22.0			
90+85.79	91+21.22	RT	1				36.0			
92+28.34	92+54.69	LT	1				26.0			
92+61.34	92+81.59	LT	1				20.0			
92+71.31	92+93.00	RT	1				22.0			
93+51.50	93+75.82	LT	1				24.0			
94+80.20	95+10.60	LT	1				30.0			
95+39.78	95+69.37	RT	1				30.0			
95+95.40	96+23.74	LT	1				28.0			
97+96.74	98+18.40	RT	1	22.0						
100+03.82	100+28.17	LT	1				24.0			
103+93.26	104+32.71	RT	1				40.0			
104+25.98	104+52.36	LT	1				26.0			
104+59.77	104+95.26	RT	1	36.0						
106+10.98	106+33.30	LT	1	22.0						
126+58.42	126+82.42	RT	1	24.0						
129+06.09	129+26.09	RT	1				20.0			
129+43.75	129+65.75	RT	1	22.0						
132+43.68	132+70.10	LT	1				26.0			
139+59.04	139+89.04	LT	1				30.0			
142+51.67	142+89.74	RT	1	38.0						

ENTRANCE CULVERT SCHEDULE

STATION TO STATION	SIDE	INLET AND PIPE PROTECTION	CLASS A TYPE 1			CLASS C TYPE 1			CLASS C TYPE 2	CLASS C TYPE 1 EQRS 24"	
			15"	18"	24"	15"	18"	24"	15"		
			FOOT								
<b>GREEN STREET</b>											
146+16.12	146+40.42	RT	1						24.0		
146+30.69	146+54.34	LT	1						24.0		
149+11.24	149+44.79	LT	1						34.0		
156+50.24	156+74.24	RT	1						24.0		
158+33.90	158+57.47	RT	1						24.0		
162+28.67	162+71.81	RT	1					44.0			
162+50.69	162+77.17	LT	1						26.0		
164+51.66	164+75.35	RT	1							24.0	
176+59.29	176+85.29	RT	1						26.0		
177+34.62	177+58.61	LT	1						24.0		
251+17.34	251+43.34	RT	1						26.0		
251+36.14	251+66.14	LT	1						30.0		
253+78.60	254+10.59	LT	1						32.0		
255+36.16	255+80.16	LT	1						44.0		
255+54.50	255+78.50	RT	1						24.0		
257+23.50	257+55.21	LT	1							32.0	
257+50.46	257+74.70	RT	1						24.0		
261+06.65	261+36.91	RT	1						30.0		
270+75.61	271+05.92	RT	1						30.0		
270+84.89	271+16.58	LT	1							32.0	
279+21.93	279+57.89	LT	1						36.0		
280+20.65	280+44.65	RT	1						24.0		
287+53.95	287+88.68	LT	1							34.0	
290+04.02	290+97.28	RT	1							94.0	
290+76.50	291+02.50	LT	1						26.0		
351+28.20	351+58.13	LT	1						30.0		
351+30.14	351+58.13	RT	1						28.0		
353+92.07	354+16.66	LT	1							24.0	
355+21.12	355+51.80	LT	1					30.0			
356+16.06	356+46.72	LT	1	30.0							
359+20.96	359+80.01	LT	1							58.0	
361+90.73	362+21.39	LT	1	30.0							
368+08.38	368+63.40	LT	1							54.0	
380+20.67	380+57.51	LT	1						38.0		
381+37.09	381+61.09	RT	1						24.0		
<b>TOTAL</b>			<b>72</b>	<b>382.0</b>	<b>74.0</b>	<b>32.0</b>	<b>1288.0</b>	<b>160.0</b>	<b>94.0</b>	<b>112.0</b>	<b>54.0</b>
<b>USE</b>			<b>72</b>	<b>382</b>	<b>74</b>	<b>32</b>	<b>1288</b>	<b>160</b>	<b>94</b>	<b>112</b>	<b>54</b>

EROSION CONTROL SCHEDULE

STATION TO STATION	TEMPORARY EROSION CONTROL SEEDING	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	SEEDING, CLASS 2 (SPECIAL)	
	POUND	EACH	FOOT	ACRE	
<b>GREEN STREET</b>					
63+00.00	111+00.00	324.4	40	1274.8	3.2
125+80.00	178+20.00	346.5	34	2237.6	3.5
237+00.00	293+20.00	440.4	45	1046.9	4.4
350+80.00	386+00.00	323.6	74	2504.4	3.2
<b>ODIN ROAD</b>					
174+20.00	185+50.00	65.8	19	1607.9	0.7
<b>TOTAL</b>		<b>1500.9</b>	<b>212</b>	<b>8671.5</b>	<b>15.0</b>
<b>USE</b>		<b>1501</b>	<b>212</b>	<b>8672</b>	<b>15.25</b>

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ODIN ROAD & GREEN STREET  
SCHEDULES OF QUANTITIES

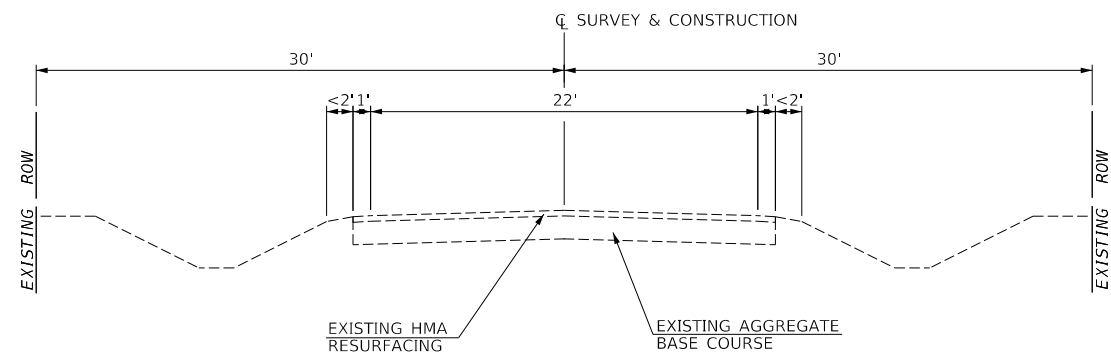
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	9
* F.A.S. 792 & 1793 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS FED. AID PROJECT				

SCALE: N/A SHEET 2 OF 4 SHEETS

USER NAME = jwhite	DESIGNED - AWM	REVISED -
	DRAWN - HRC	REVISED -
PLOT SCALE = 2,000' / in.	CHECKED - CMB	REVISED -
PLOT DATE = 10/23/2023	DATE - 07/2023	REVISED -







**EXISTING TYPICAL SECTION  
ODIN ROAD**  
 STA 173+24.69 TO STA 185+23.33  
**EXISTING TYPICAL SECTION  
GREEN STREET**  
 STA 63+12.16 TO STA 109+39.77  
 STA 126+02.52 TO STA 177+73.33  
 STA 237+24.69 TO STA 292+73.33  
 STA 351+21.86 TO STA 385+58.46

MODEL: D:\dgn\...  
 FILE NAME: 20-00144-00-5P - CH 9 & CH 11 - HSIP (Marion)\CADD\CADD - Sheets\12-4925-shr-EXTyp.dgn

**Hutchison Engineering, Inc.**  
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 CARBONDALE • MOLINE  
 Illinois Professional Design Firm No. 194-000825

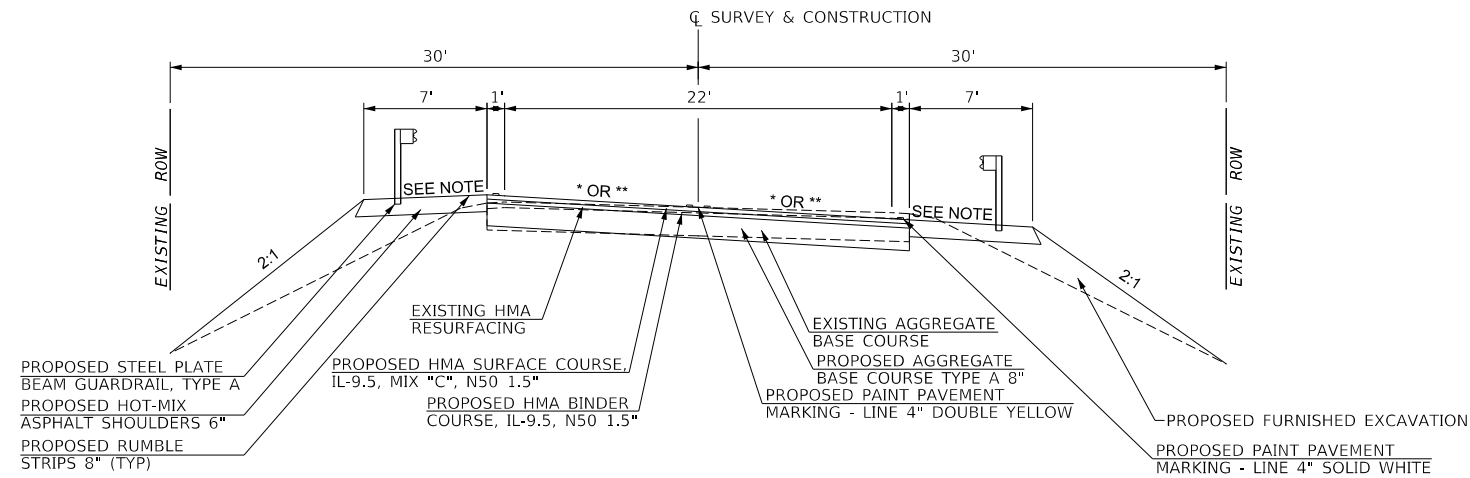
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	DRAWN - HRC	REVISED -
PLOT SCALE = 2,0000' / in.	CHECKED - CMB	REVISED -
PLOT DATE = 10/23/2023	DATE - 8-2-2022	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ODIN ROAD & GREEN STREET  
EXISTING TYPICAL SECTIONS**

SCALE: N/A SHEET 1 OF 1 SHEETS

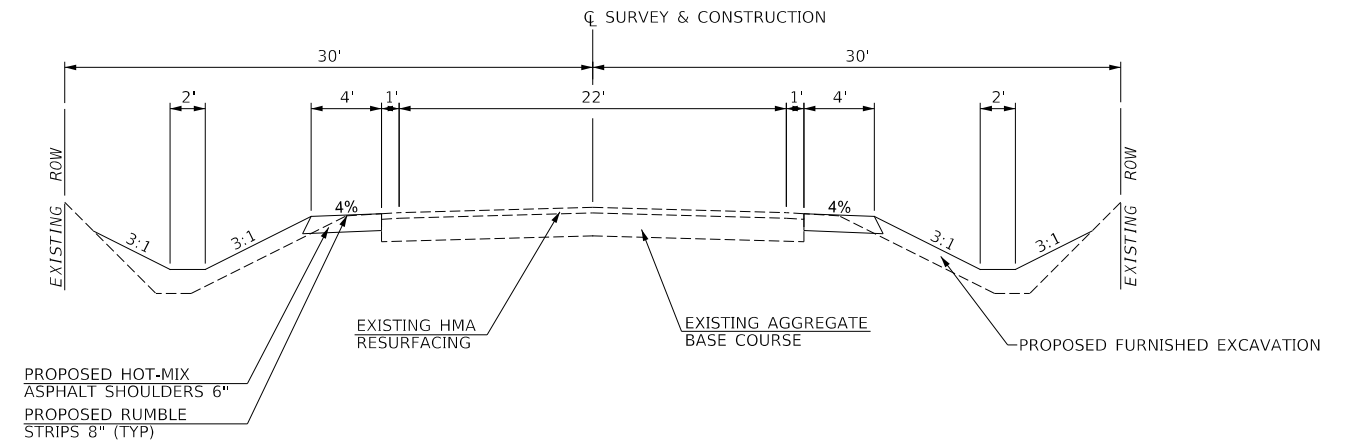
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	12
* F.A.S. 792 & 1793 & F.A.U. 8591		CONTRACT NO. 97820		
ILLINOIS				



**PROPOSED TYPICAL SECTION  
ODIN ROAD**

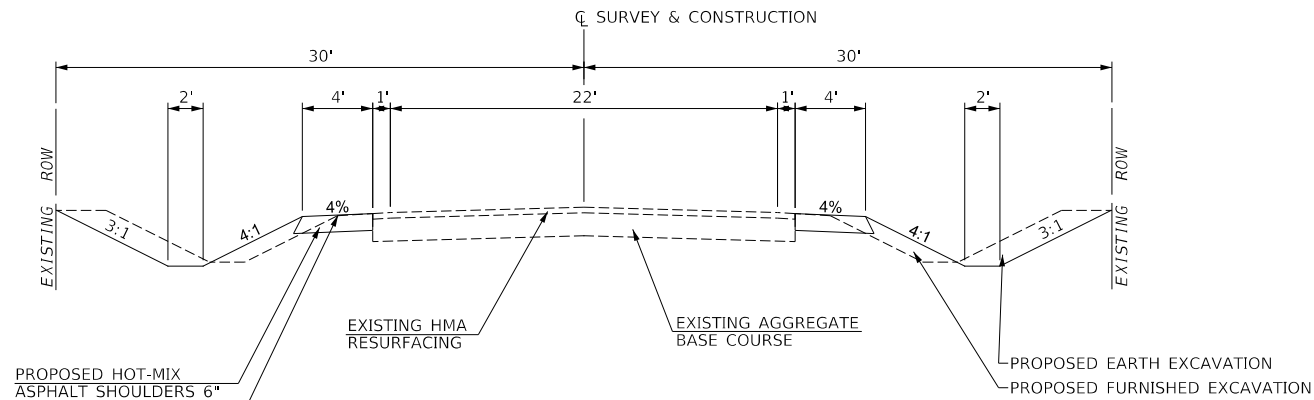
\* NC (EXISTING) TO 2.6% VAR.  
\*\* 2.6% TO 9.3% (EXISTING) VAR.

STA 174+58.44 TO STA 175+35.44 \*  
STA 175+35.44 TO STA 176+16.56 - BRIDGE OMISSION SEE BRIDGE PLANS  
STA 176+16.56 TO STA 177+37.56 \*\*



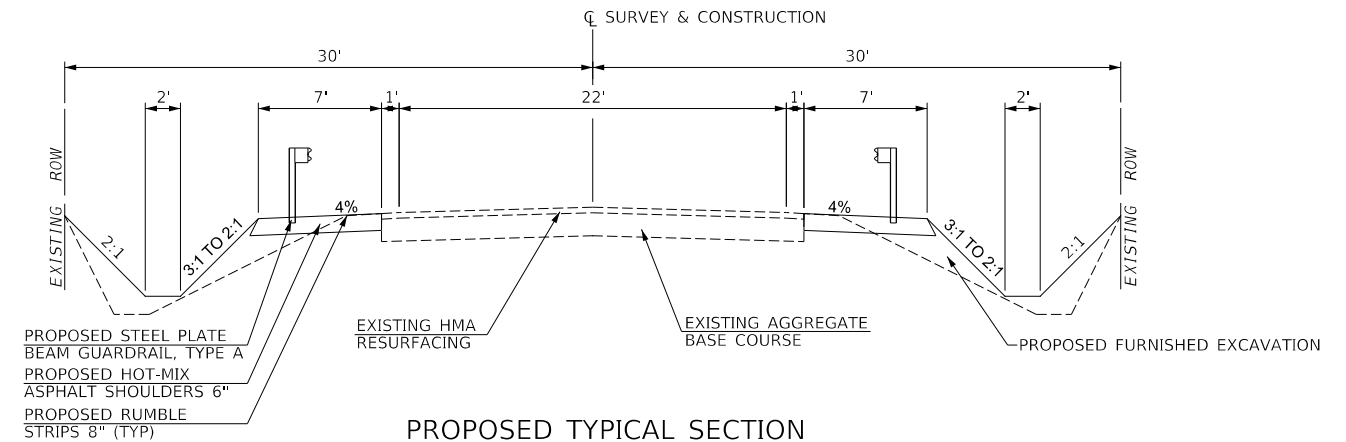
**PROPOSED TYPICAL SECTION  
ODIN ROAD**

STA 183+92.01 TO STA 185+00.00



**PROPOSED TYPICAL SECTION  
GREEN STREET**

STA 63+12.16 TO STA 67+00.41  
STA 70+87.50 TO STA 73+52.22  
STA 81+78.99 TO STA 91+24.64  
STA 93+53.88 TO STA 109+39.77  
STA 126+02.52 TO STA 133+87.38  
STA 136+64.94 TO STA 146+78.82  
STA 153+63.62 TO STA 177+73.33  
STA 237+24.69 TO STA 271+37.57  
STA 274+40.85 TO STA 276.47.49  
STA 279+26.47 TO STA 286+01.39  
STA 289+63.25 TO STA 292+73.33  
STA 351+21.86 TO STA 354+99.56  
STA 356+84.80 TO STA 368+41.56  
STA 371+50.36 TO STA 371+83.13  
STA 379+40.29 TO STA 385+58.46



**PROPOSED TYPICAL SECTION  
GREEN STREET & ODIN ROAD**

GREEN STREET  
STA 67+00.41 TO STA 70+87.50  
STA 73+52.22 TO STA 81+78.99  
STA 91+24.64 TO STA 93+53.88  
STA 133+87.38 TO STA 136+64.94  
STA 146+78.82 TO STA 153+63.62  
STA 271+37.57 TO STA 274+40.85  
STA 276+47.49 TO STA 279+26.47  
STA 286+01.39 TO STA 289+63.25  
STA 354+99.56 TO STA 356+84.80  
STA 368+41.56 TO STA 371+50.36  
STA 371+83.13 TO STA 379+40.29  
ODIN ROAD  
STA 177+14.56 TO STA 183+92.01  
GREEN STREET  
SHOULDER AND GUARDRAIL  
REDUCED BY 2'  
STA 375+50.00 TO STA 375+75.24

NOTE: MAXIMUM BREAKOVER FOR SUPERELEVATED SECTIONS IS 10% ON ODIN RD AND 8% ON GREEN STREET RD

MODEL: Default  
FILE NAME: 2023 - CH 9 & CH 11 - HSIP (Marion) CADDD/CADD - Sheets\13-4925-shc-PTyp.dgn  
2023

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Illinois Professional Design Firm No. 194-000825

USER NAME = jwhite	DESIGNED - AWM	REVISED -
PLOT SCALE = 2,000' / in.	DRAWN - HRC	REVISED -
PLOT DATE = 10/23/2023	CHECKED - CMB	REVISED -
	DATE - 8-2-2022	REVISED -

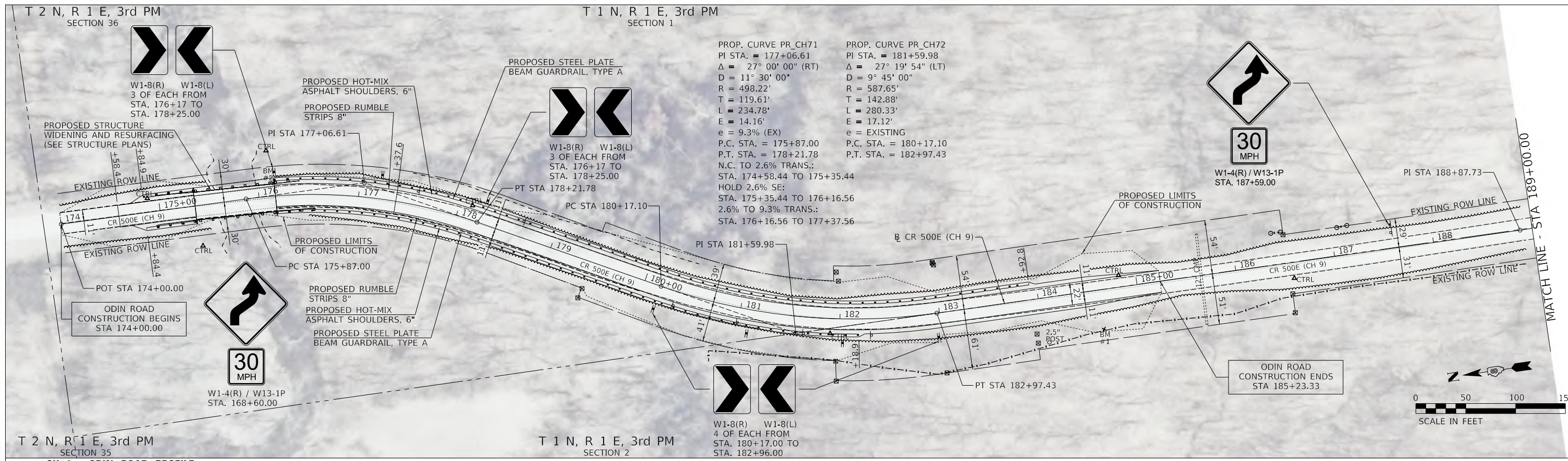
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ODIN ROAD & GREEN STREET  
PROPOSED TYPICAL SECTIONS**

SCALE: N/A SHEET 1 OF 1 SHEETS

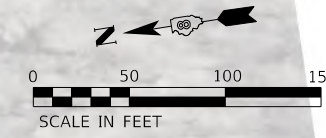
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	13
* F.A.S. 792 & 1793 & F.A.U. 8591		CONTRACT NO. 97820		
ILLINOIS				



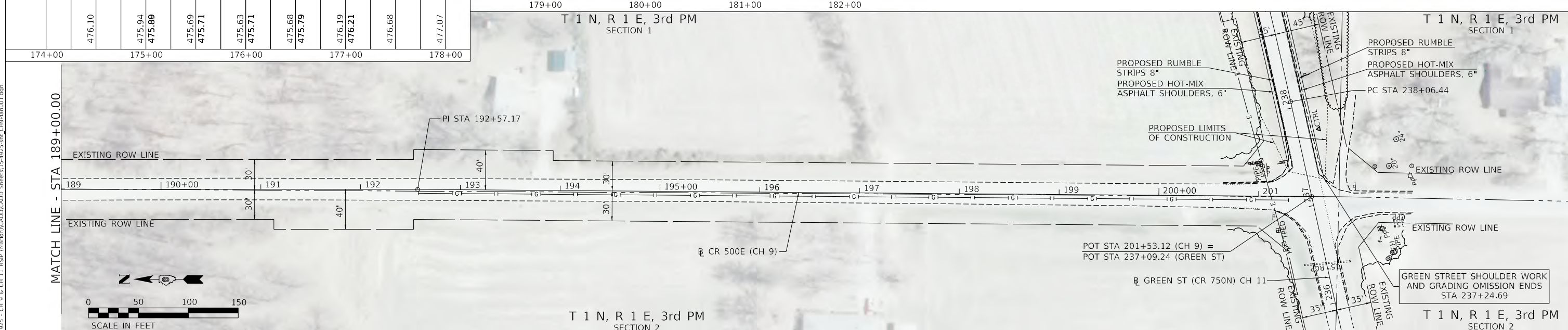
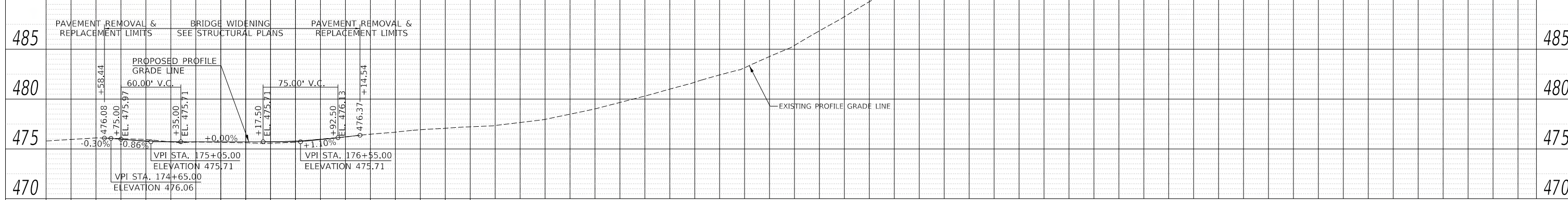


PROP. CURVE PR\_CH71  
 PI STA. = 177+06.61  
 $\Delta = 27^\circ 00' 00''$  (RT)  
 $D = 11^\circ 30' 00''$   
 $R = 498.22'$   
 $T = 119.61'$   
 $L = 234.78'$   
 $E = 14.16'$   
 $e = 9.3\%$  (EX)  
 P.C. STA. = 175+87.00  
 P.T. STA. = 178+21.78  
 N.C. TO 2.6% TRANS.:  
 STA. 174+58.44 TO 175+35.44  
 HOLD 2.6% SE:  
 STA. 175+35.44 TO 176+16.56  
 2.6% TO 9.3% TRANS.:  
 STA. 176+16.56 TO 177+37.56

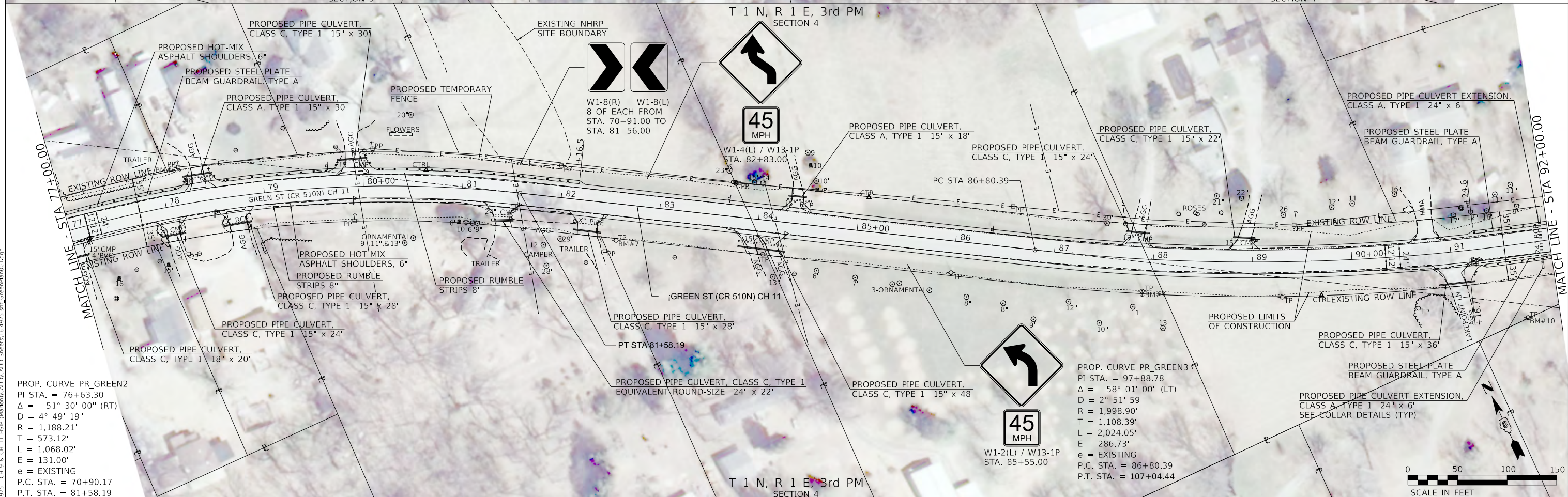
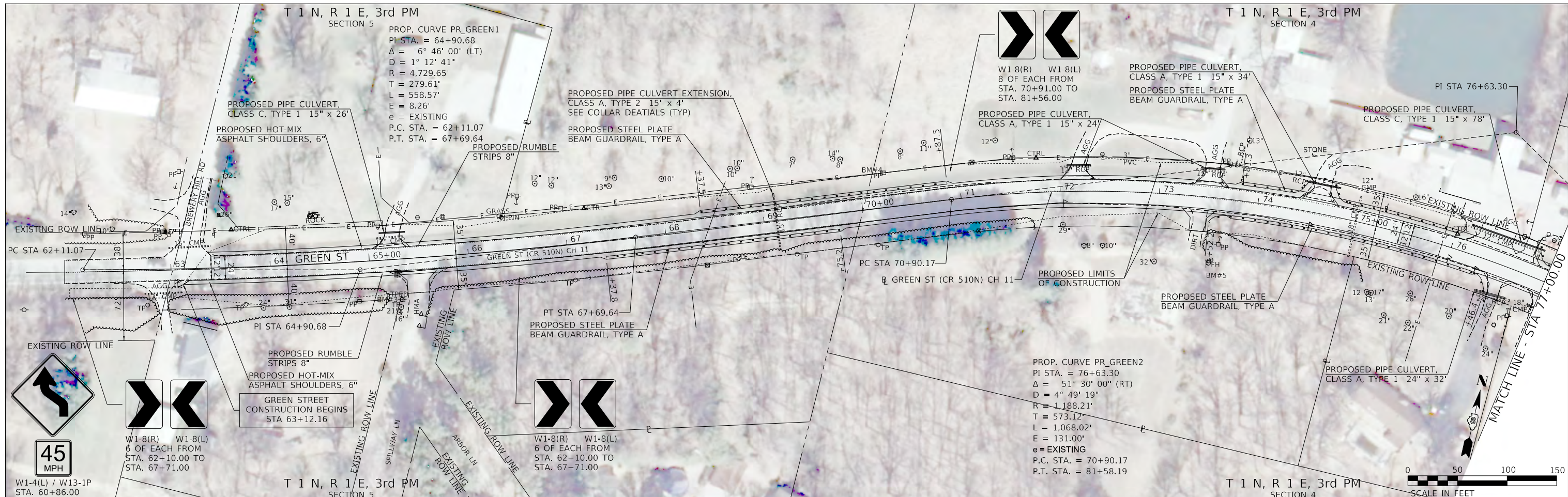
PROP. CURVE PR\_CH72  
 PI STA. = 181+59.98  
 $\Delta = 27^\circ 19' 54''$  (LT)  
 $D = 9^\circ 45' 00''$   
 $R = 587.65'$   
 $T = 142.88'$   
 $L = 280.33'$   
 $E = 17.12'$   
 $e =$  EXISTING  
 P.C. STA. = 180+17.10  
 P.T. STA. = 182+97.43



**CH 9 - ODIN ROAD PROFILE**



<p>Since 1945          JACKSONVILLE • PEORIA • SHOREWOOD          CARBONDALE • MOBILE          Illinois Professional Design Firm No. 184-000825          2023</p>	USER NAME = jwhite	DESIGNED - AWM	REVISED -	<b>STATE OF ILLINOIS          DEPARTMENT OF TRANSPORTATION</b>	<b>COUNTY HIGHWAY 9 - ODIN ROAD          PLAN SHEET</b>	F.A.S. RTE. = 1793	SECTION = 20-00144-00-5P	COUNTY = MARION	TOTAL SHEETS = 181	SHEET NO. = 15		
	PLOT SCALE = 100,0000' / in.	CHECKED - CMB	REVISED -			SCALE: 1"=50'	SHEET 1 OF 1 SHEETS	STA. 174+00.00 TO STA. 201+53.12	CONTRACT NO. 97820			
	PLOT DATE = 10/23/2023	DATE - 8-2-2022	REVISED -			ILLINOIS FED. AID PROJECT						



MODEL: Default  
 FILE NAME: 2023 - CH 9 & CH 11 - HSIP (Marion)CADDCADD\_Sheets(16-4925-shr\_GreenPlan001.dgn  
 2023

PROP. CURVE PR\_GREEN2  
 PI STA. = 76+63.30  
 $\Delta = 51^\circ 30' 00''$  (RT)  
 $D = 4^\circ 49' 19''$   
 $R = 1,188.21'$   
 $T = 573.12'$   
 $L = 1,068.02'$   
 $E = 131.00'$   
 $e = \text{EXISTING}$   
 P.C. STA. = 70+90.17  
 P.T. STA. = 81+58.19

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 Illinois Professional Design Firm No. 184-000825  
 Since 1945

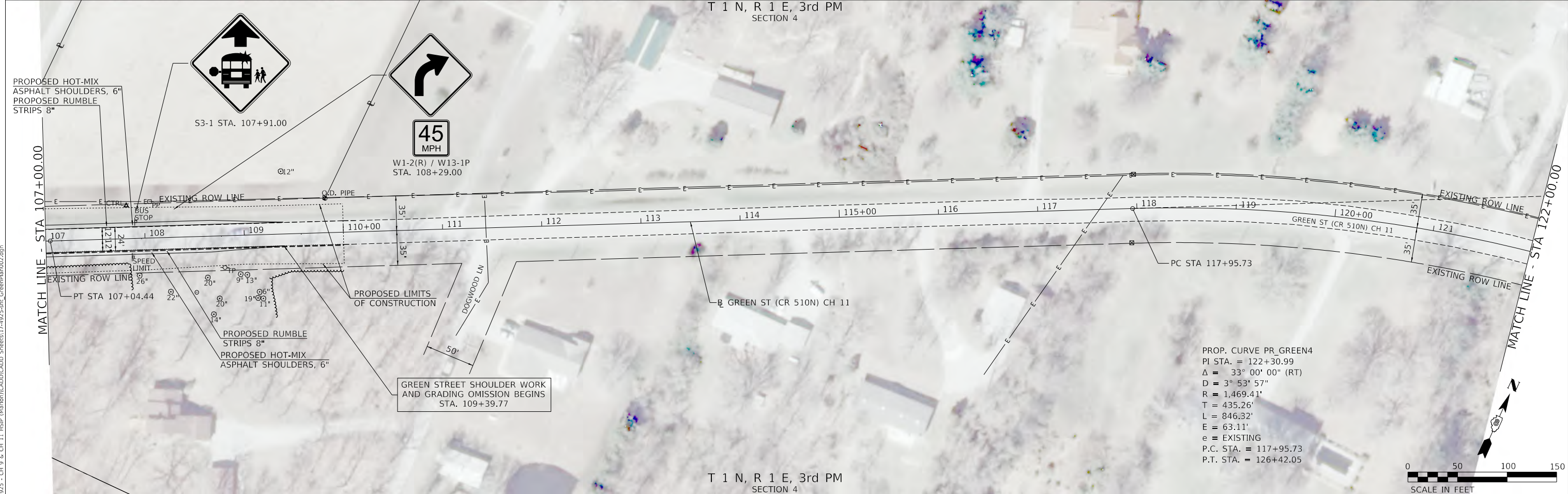
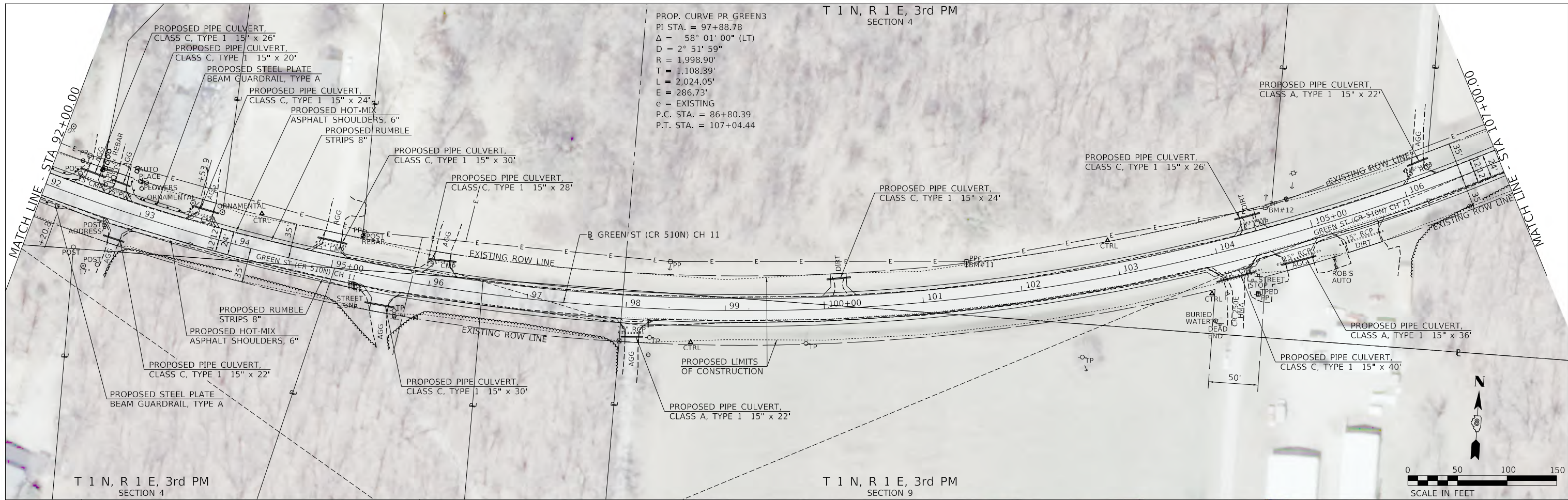
USER NAME = jwhite	DESIGNED - AWM	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - HRC	REVISED -
PLOT DATE = 10/30/2023	CHECKED - CMB	REVISED -
	DATE - 8-2-2022	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 11 - GREEN STREET**  
**PLAN SHEET**  
 SCALE: 1"=50' SHEET 1 OF 12 SHEETS STA. 62+11.07 TO STA. 92+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
* F.A.S. 792 & F.A.U. 8591	20-00144-00-5P	MARION	181	16
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97820	





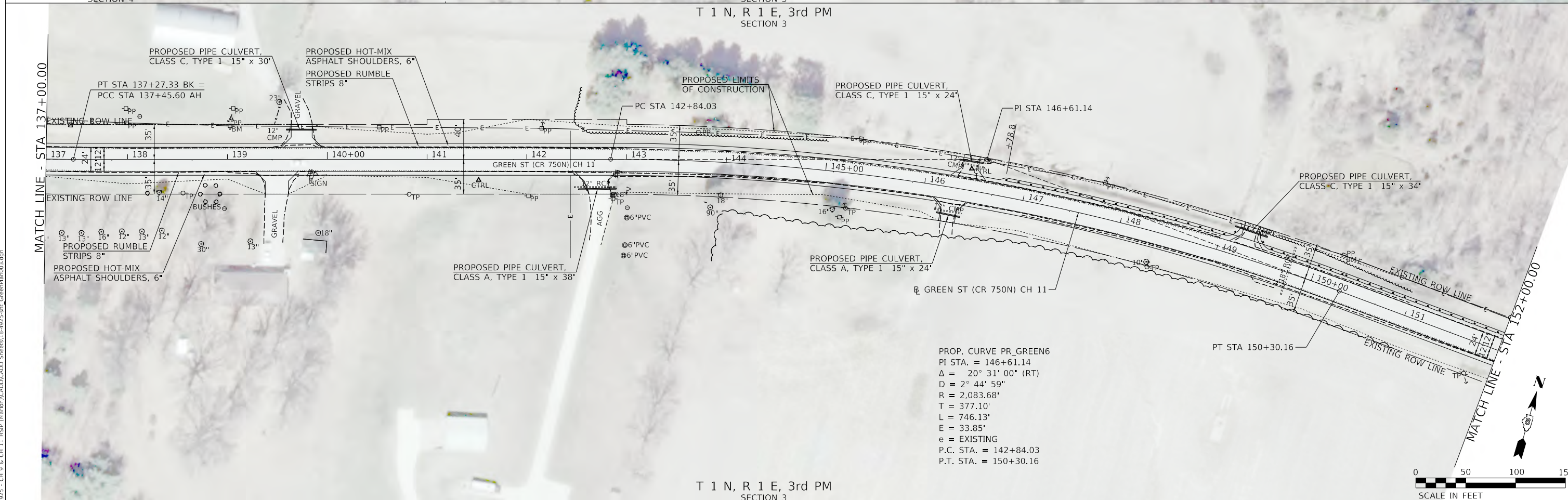
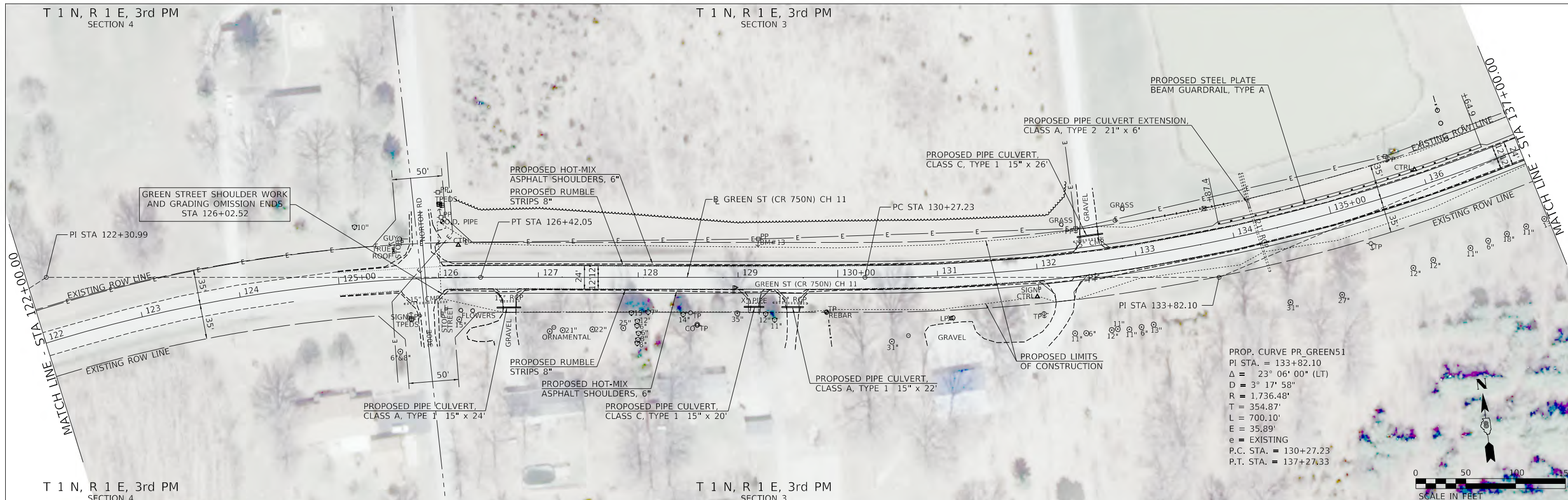
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 2023  
 Hutchison Engineering, Inc.  
 JACKSONVILLE • PEORIA • SHOREWOOD  
 CARBONDALE • MOBILE  
 Illinois Professional Design Firm No. 184-000825  
 JOB# 4925

USER NAME = jwhite	DESIGNED - AWM	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - HRC	REVISED -
PLOT DATE = 10/23/2023	CHECKED - CMB	REVISED -
	DATE - 8-2-2022	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

COUNTY HIGHWAY 11 - GREEN STREET  
 PLAN SHEET  
 SCALE: 1"=50'  
 SHEET 2 OF 12 SHEETS  
 STA. 92+00.00 TO STA. 122+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	17
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS FED. AID PROJECT				



MODEL: Default  
 FILE NAME: 2023 - CH 9 & CH 11 - HSIP (Mar) (b) (CADD) CADD - Sheets 18-4925-shr - GreenPlan003.dgn  
 2023

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 Illinois Professional Design Firm No. 184-000825

USER NAME =	JWhite	DESIGNED -	AWM	REVISED -	
PLOT SCALE =	100.0000' / in.	DRAWN -	HRC	REVISED -	
PLOT DATE =	10/23/2023	CHECKED -	CMB	REVISED -	
		DATE -	8-2-2022	REVISED -	

T 1 N, R 1 E, 3rd PM  
 SECTION 3  
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 11 - GREEN STREET**  
**PLAN SHEET**  
 SCALE: 1"=50'    SHEET 3 OF 12 SHEETS    STA. 122+00.00 TO STA. 152+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	18
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS		FED. AID PROJECT		

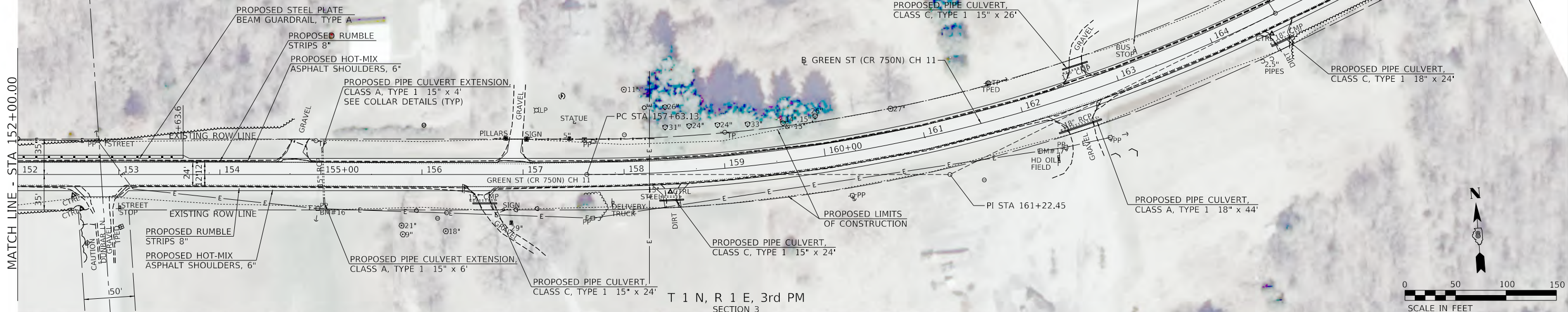
T 1 N, R 1 E, 3rd PM  
SECTION 3

PROP. CURVE PR\_GREEN7  
PI STA. = 161+22.45  
 $\Delta = 26^\circ 21' 00''$  (LT)  
D = 3° 43' 58"  
R = 1,534.98'  
T = 359.32'  
L = 705.93'  
E = 41.50'  
e = EXISTING  
P.C. STA. = 157+63.13  
P.T. STA. = 164+69.06



MATCH LINE - STA 152+00.00

MATCH LINE - STA 161+00.00

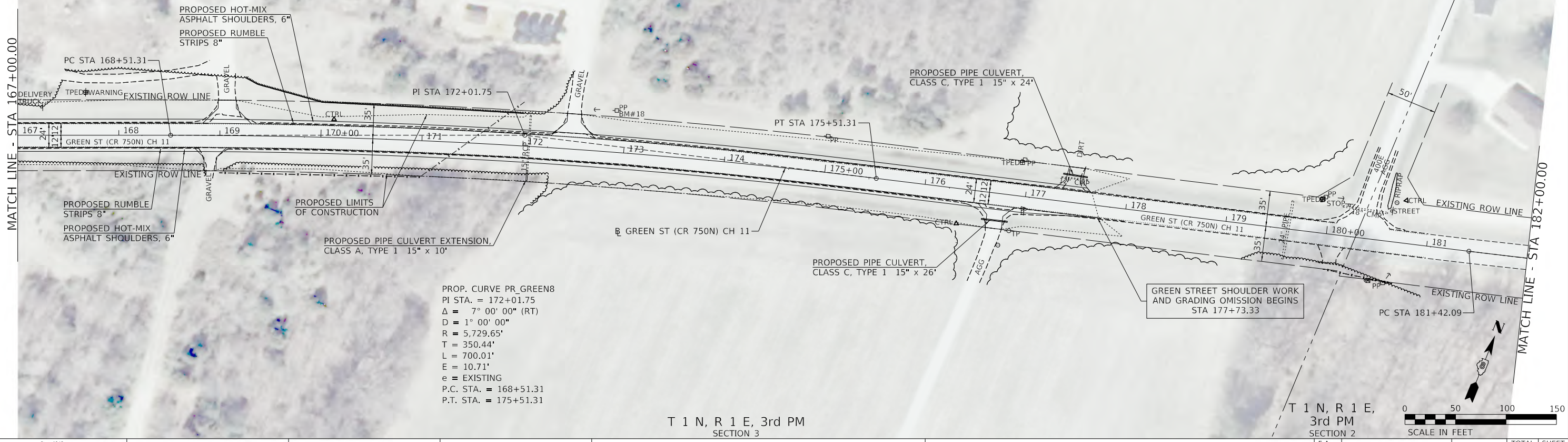


T 1 N, R 1 E, 3rd PM  
SECTION 3

T 1 N, R 1 E, 3rd PM  
SECTION 3

MATCH LINE - STA 167+00.00

T 1 N, R 1 E,  
3rd PM  
SECTION 2



T 1 N, R 1 E, 3rd PM  
SECTION 3

T 1 N, R 1 E,  
3rd PM  
SECTION 2

MODEL: Defaul  
FILE NAME: 2023 - CH 9 & CH 11\_HSR (Mar) (CADD) Sheets 19-1925-shr\_GreenPlan001a.dgn  
2023

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USER NAME = jwhite	DESIGNED - AWM	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - HRC	REVISED -
PLOT DATE = 10/23/2023	CHECKED - CMB	REVISED -
	DATE - 8-2-2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

COUNTY HIGHWAY 11 - GREEN STREET  
PLAN SHEET

SCALE: 1"=50' SHEET 4 OF 12 SHEETS STA. 152+00.00 TO STA. 182+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	19
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS FED. AID PROJECT				

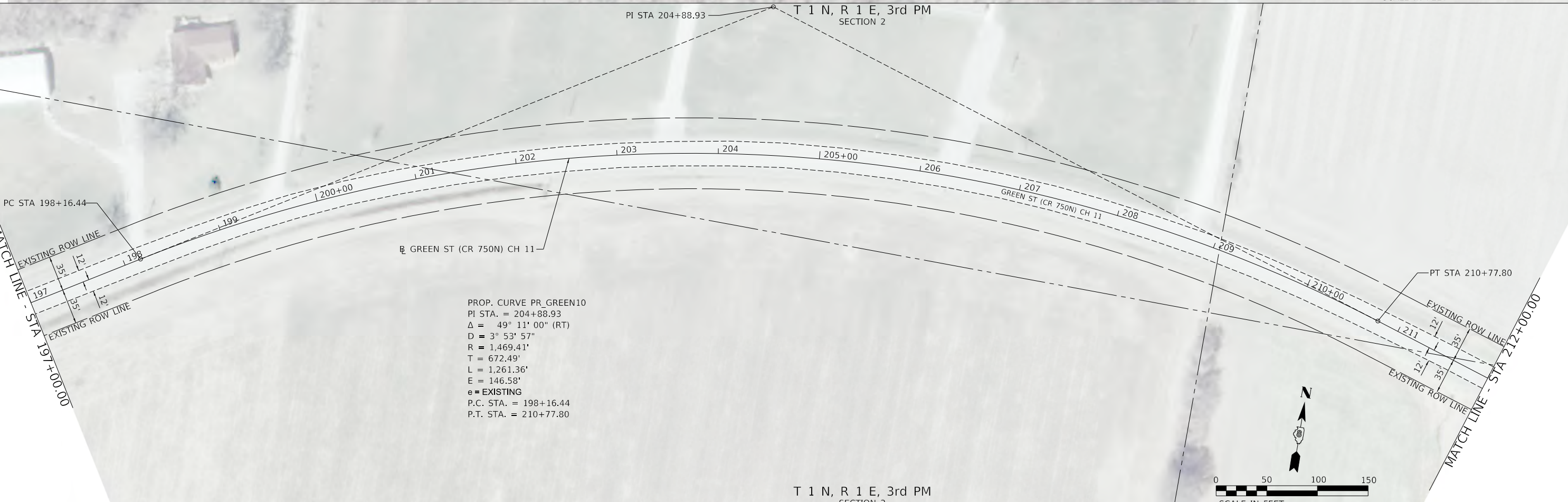
PROP. CURVE PR\_GREEN9  
 PI STA. = 187+82.21  
 $\Delta = 15^\circ 54' 00''$  (LT)  
 $D = 1^\circ 15' 00''$   
 $R = 4,583.75'$   
 $T = 640.13'$   
 $L = 1,272.02'$   
 $E = 44.48'$   
 e = EXISTING  
 P.C. STA. = 181+42.09  
 P.T. STA. = 194+14.11

T 1 N, R 1 E, 3rd PM  
 SECTION 2



PI STA 204+88.93

T 1 N, R 1 E, 3rd PM  
 SECTION 2  
 T 1 N, R 1 E, 3rd PM  
 SECTION 2



PROP. CURVE PR\_GREEN10  
 PI STA. = 204+88.93  
 $\Delta = 49^\circ 11' 00''$  (RT)  
 $D = 3^\circ 53' 57''$   
 $R = 1,469.41'$   
 $T = 672.49'$   
 $L = 1,261.36'$   
 $E = 146.58'$   
 e = EXISTING  
 P.C. STA. = 198+16.44  
 P.T. STA. = 210+77.80

T 1 N, R 1 E, 3rd PM  
 SECTION 2

MATCH LINE - STA 197+00.00

MATCH LINE - STA 212+00.00

Since 1945  
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USER NAME = jwhite	DESIGNED - AWM	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - HRC	REVISED -
DATE = 10/23/2023	CHECKED - CMB	REVISED -
	DATE - 8-2-2022	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 11 - GREEN STREET  
 PLAN SHEET**

SCALE: 1"=50' SHEET 5 OF 12 SHEETS STA. 182+00.00 TO STA. 212+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	20
* F.A.S. 792 & F.A.U. 8591		CONTRACT NO. 97820		
ILLINOIS		FED. AID PROJECT		

MODEL: Default  
 FILE NAME: V:\1925 - CH 9 & CH 11\_HSRP (Marion)\CAD\CADD\_Sheets\20-4925-shr\_GreenPlan000b.dgn  
 2023 JOB# 4925

T 1 N, R 1 E, 3rd PM  
SECTION 2

MATCH LINE - STA 212+00.00

MATCH LINE - STA 226+00.00

EXISTING ROW LINE  
35' 12'  
35' 12'

EXISTING ROW LINE  
35' 35'

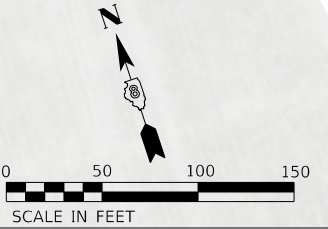
GREEN ST (CR 750N) CH 11

GREEN ST (CR 750N) CH 11

PC STA 218+29.74

PI STA 222+35.41

PROP. CURVE PR\_GREEN111  
PI STA. = 222+35.41  
 $\Delta = 30^\circ 52' 00''$  (LT)  
D =  $3^\circ 53' 57''$   
R = 1,469.41'  
T = 405.66'  
L = 791.61'  
E = 54.97'  
e = EXISTING  
P.C. STA. = 218+29.74  
P.T. STA. = 226+21.35



T 1 N, R 1 E, 3rd PM  
SECTION 2

T 1 N, R 1 E, 3rd PM  
SECTION 2

MATCH LINE - STA 226+00.00

MATCH LINE - STA 233+00.00

PCC STA 226+21.35 BK=  
POT STA 226+78.35 AH

GREEN ST (CR 750N) CH 11

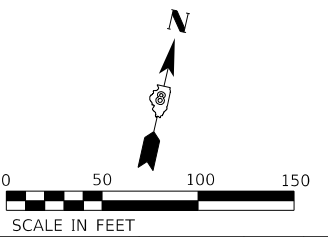
PROP. CURVE PR\_GREEN112  
PI STA. = 226+78.35  
 $\Delta = 0^\circ 00' 00''$  (LT)  
D =  $3^\circ 53' 57''$   
R = 1,469.41'  
T = 0.00'  
L = 0.00'  
E = 0.00'  
e = EXISTING  
P.C. STA. = 226+78.35  
P.T. STA. = 226+78.35



ODIN ROAD

W2-1 / N/A  
STA. 232+00.00  
NOTE: PLACE ON  
EXISTING POST

T 1 N, R 1 E, 3rd PM  
SECTION 2



MODEL: Default  
FILE NAME: \\s1925 - CH 9 & CH 11\_HSRP (Mar)dm\CAD\CADD\_Sheets\21-4925-sh\_GreenPlan001.cad

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**Hutchison Engineering, Inc.**  
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Illinois Professional Design Firm No. 184-000825

USER NAME = jwhite  
DESIGNED - AWM  
DRAWN - HRC  
PLOT SCALE = 100,0000' / in.  
CHECKED - CMB  
DATE - 8-2-2022  
PLOT DATE = 10/23/2023

REVISOR -  
REVISION -  
REVISION -  
REVISION -  
REVISION -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

COUNTY HIGHWAY 11 - GREEN STREET  
PLAN SHEET

SCALE: 1"=50' SHEET 6 OF 12 SHEETS STA. 212+00.00 TO STA. 233+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	21
* F.A.S. 792 & F.A.U. 8591		CONTRACT NO. 97820		
ILLINOIS		FED. AID PROJECT		

T 1 N, R 1 E, 3rd PM  
SECTION 2

T 1 N, R 1 E, 3rd PM  
SECTION 1

PROP. CURVE PR\_GREEN12  
PI STA. = 241+89.31  
 $\Delta = 6^\circ 53' 00''$  (LT)  
D = 0° 54' 00"  
R = 6,366.26'  
T = 382.87'  
L = 764.82'  
E = 11.50'  
e = EXISTING  
P.C. STA. = 238+06.44  
P.T. STA. = 245+71.26



**ODIN ROAD**

W2-1 / N/A  
STA. 242+08.28  
NOTE: PLACE ON  
EXISTING POST

PROPOSED HOT-MIX  
ASPHALT SHOULDERS, 6"

PROPOSED RUMBLE  
STRIPS 8"

PROPOSED RUMBLE  
STRIPS 8"

POT STA 237+09.24 (GREEN ST) =  
POT STA 201+53.12 (CH 9)

PC STA 238+06.44

PROPOSED LIMITS  
OF CONSTRUCTION

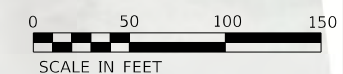
PROPOSED PIPE CULVERT EXTENSION,  
CLASS A, TYPE 2 24" x 6"  
SEE COLLAR DETAILS (TYP)

MATCH LINE - STA 233+00.00

MATCH LINE - STA 248+00.00

T 1 N, R 1 E, 3rd PM  
SECTION 2

T 1 N, R 1 E, 3rd PM  
SECTION 1



GREEN STREET SHOULDER WORK  
AND GRADING OMISSION ENDS  
STA 237+24.69

PROP. CURVE PR\_GREEN13  
PI STA. = 268+14.80  
 $\Delta = 43^\circ 12' 00''$  (RT)  
D = 2° 00' 00"  
R = 2,864.93'  
T = 1,134.31'  
L = 2,160.11'  
E = 216.38'  
e = EXISTING  
P.C. STA. = 256+80.49  
P.T. STA. = 278+40.60

PROPOSED PIPE CULVERT,  
CLASS C, TYPE 1 15" x 44"

PROPOSED PIPE CULVERT,  
CLASS C, TYPE 1 15" x 30"

PROPOSED HOT-MIX  
ASPHALT SHOULDERS, 6"

PROPOSED RUMBLE  
STRIPS 8"

PROPOSED PIPE CULVERT,  
CLASS C, TYPE 1 15" x 32"

PROPOSED PIPE CULVERT,  
CLASS C, TYPE 1 18" x 32"

PROPOSED RUMBLE  
STRIPS 8"

PROPOSED HOT-MIX  
ASPHALT SHOULDERS, 6"

PROPOSED PIPE CULVERT,  
CLASS C, TYPE 1 15" x 26"

PROPOSED PIPE CULVERT,  
CLASS C, TYPE 1 15" x 24"

PROPOSED PIPE CULVERT,  
CLASS C, TYPE 1 15" x 24"

PROPOSED LIMITS  
OF CONSTRUCTION

PROPOSED PIPE CULVERT,  
CLASS C, TYPE 1 15" x 30"



**50  
MPH**

W1-2(L) / W13-1P  
STA. 254+55.00

T 1 N, R 1 E, 3rd PM  
SECTION 1



MODEL: Default  
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2023

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CARRONDALE • MOBILE  
Illinois Professional Design Firm No. 184-000825  
JOB# 4925

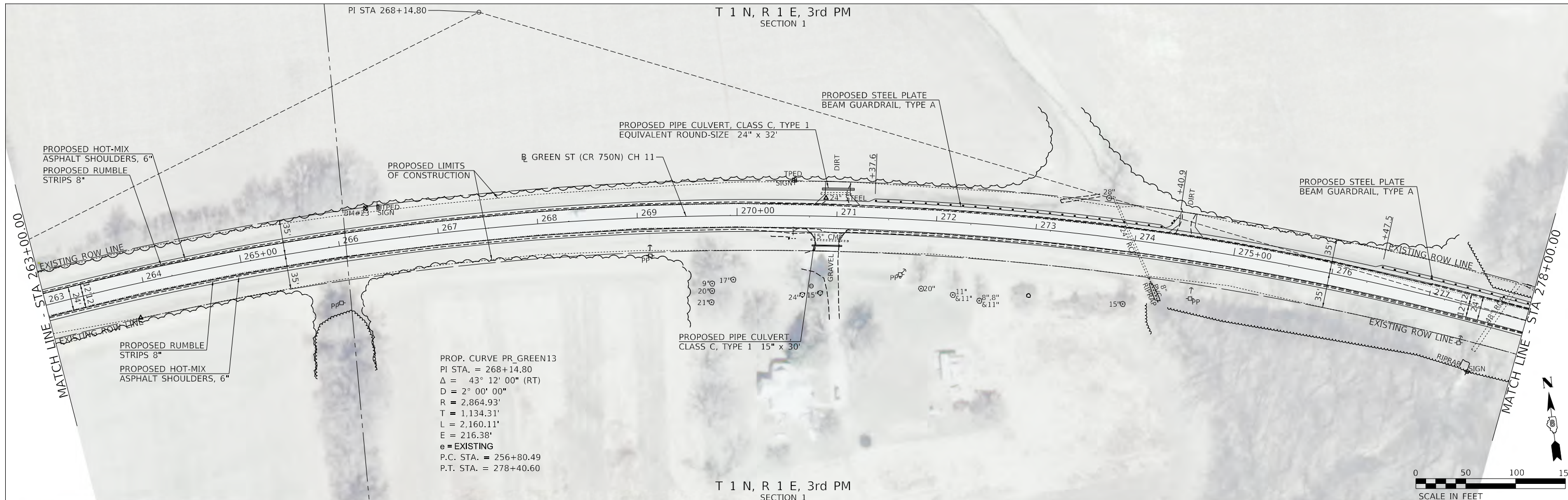
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

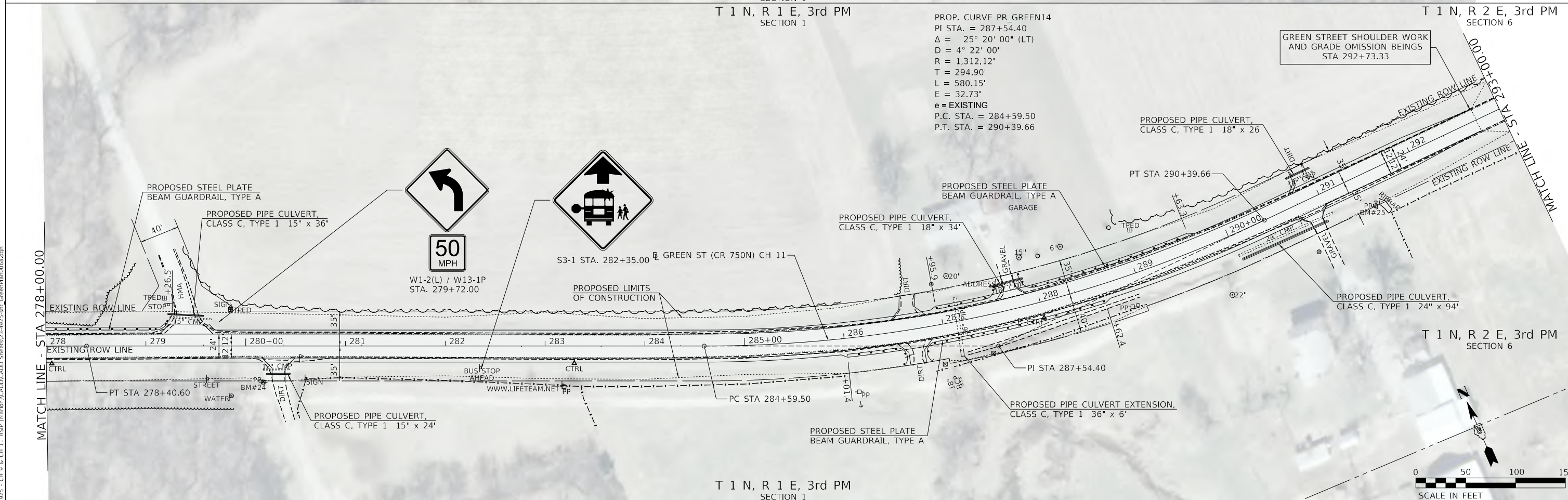
**COUNTY HIGHWAY 11 - GREEN STREET  
PLAN SHEET**

SCALE: 1"=50' SHEET 7 OF 12 SHEETS STA. 233+00.00 TO STA. 263+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	22
* F.A.S. 792 & F.A.U. 8591		CONTRACT NO. 97820		
ILLINOIS		FED. AID PROJECT		



T 1 N, R 1 E, 3rd PM  
SECTION 1



T 1 N, R 1 E, 3rd PM  
SECTION 1



MODEL: D:\dgn\2023 - CH 9 & CH 11 - HSR (Mar) (CADD)\CADD - Sheets\23-4925-shr\_GreenPlan06a.dgn  
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USER NAME = jwhite	DESIGNED - AWM	REVISED -
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	DATE - 8-2-2022	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

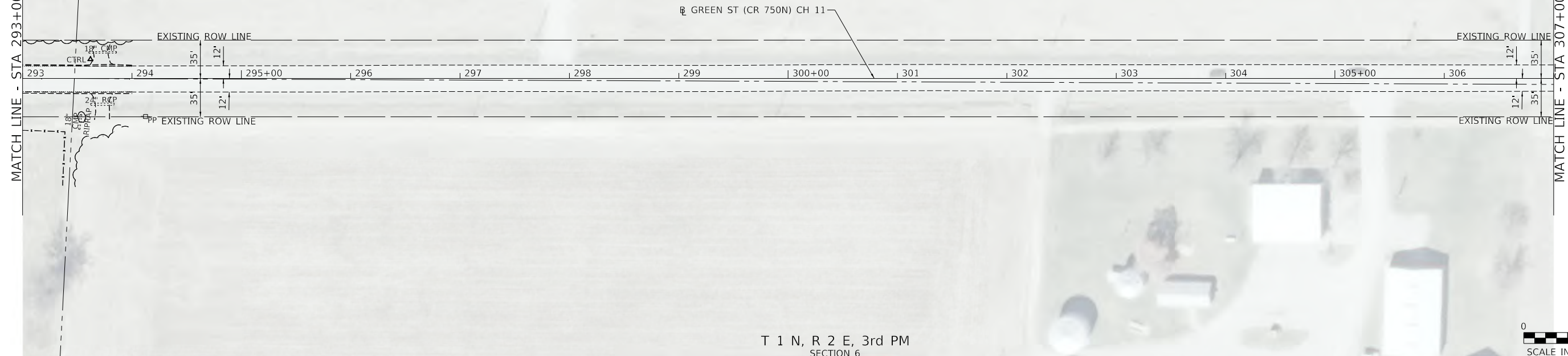
COUNTY HIGHWAY 11 - GREEN STREET  
 PLAN SHEET  
 SCALE: 1"=50' SHEET 8 OF 12 SHEETS STA. 263+00.00 TO STA. 293+00.00

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*	20-00144-00-5P	MARION	181	23
* F.A.S. 792 & F.A.U. 8591		CONTRACT NO. 97820		
ILLINOIS FED. AID PROJECT				

T 1 N, R 2 E, 3rd PM  
SECTION 6

MATCH LINE - STA 293+00.00

MATCH LINE - STA 307+00.00

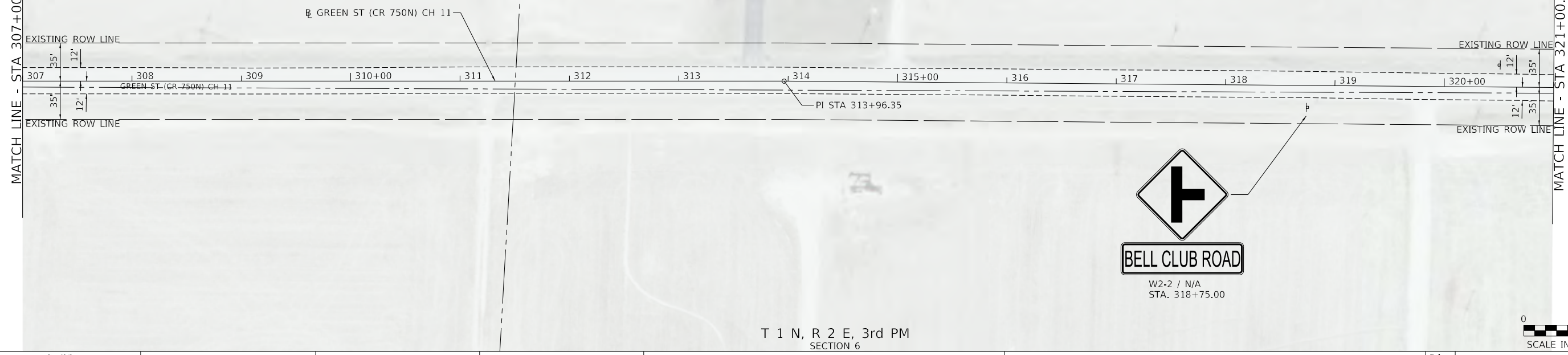


T 1 N, R 2 E, 3rd PM  
SECTION 6

T 1 N, R 2 E, 3rd PM  
SECTION 6

MATCH LINE - STA 307+00.00

MATCH LINE - STA 321+00.00



T 1 N, R 2 E, 3rd PM  
SECTION 6

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 2023

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USER NAME = jwhite	DESIGNED - AWM	REVISED -
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PLOT DATE = 10/23/2023	CHECKED - CMB	REVISED -
	DATE - 6-21-2022	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 11 - GREEN STREET**  
**PLAN SHEET**

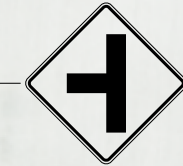
SCALE: 1"=50'    SHEET 9 OF 12 SHEETS    STA. 293+00.00 TO STA. 321+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	**	MARION	181	24
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS FED. AID PROJECT				

\*\* 20-00144-00-5P & 20-00145-00-5P



T 1 N, R 2 E, 3rd PM  
SECTION 6



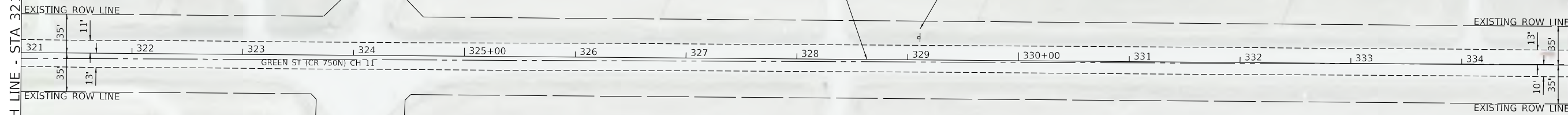
**BELL CLUB ROAD**

W2-2 / N/A  
STA. 329+10.00

GREEN ST (CR 750N) CH 11

MATCH LINE - STA 321+00.00

MATCH LINE - STA 335+00.00

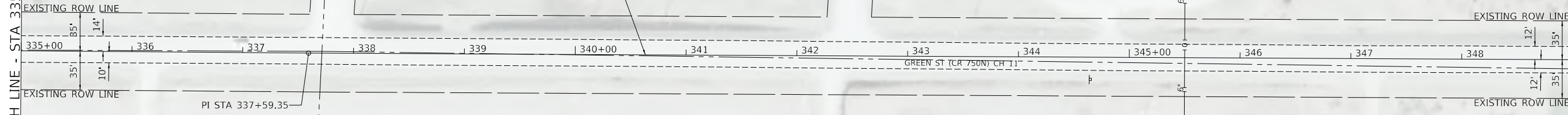


T 1 N, R 2 E, 3rd PM  
SECTION 6

T 1 N, R 2 E, 3rd PM  
SECTION 5

MATCH LINE - STA 335+00.00

MATCH LINE - STA 349+00.00



T 1 N, R 2 E, 3rd PM  
SECTION 6

T 1 N, R 2 E, 3rd PM  
SECTION 5

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2023

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Illinois Professional Design Firm No. 184-000825  
JOB# 4925

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

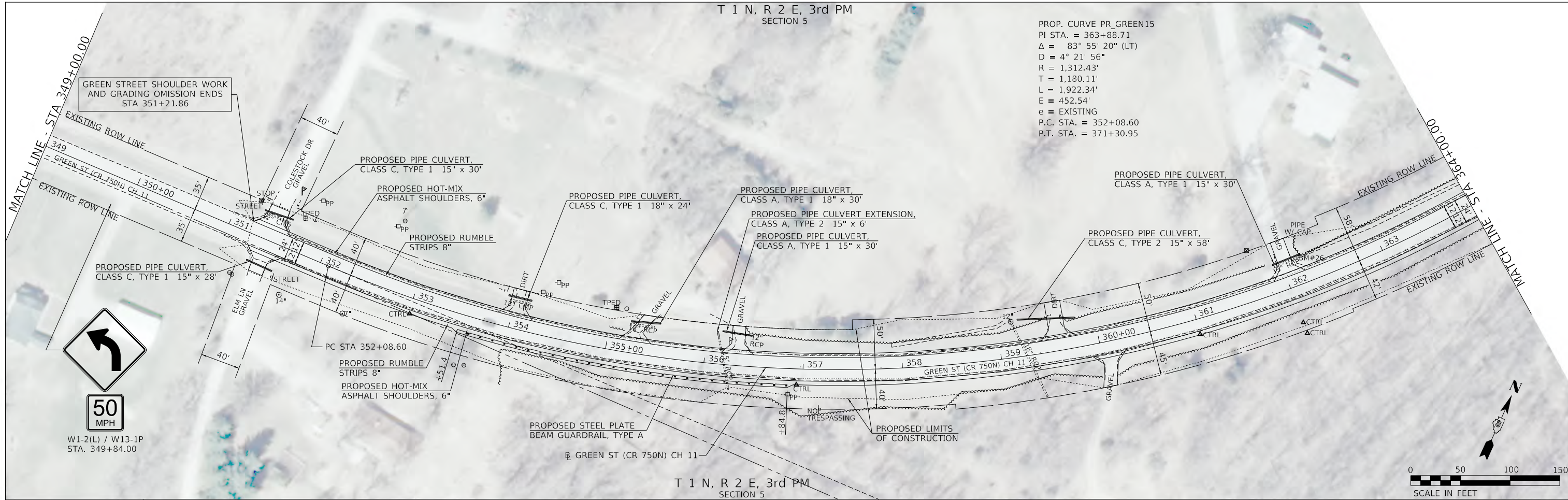
**COUNTY HIGHWAY 11 - GREEN STREET  
PLAN SHEET**

SCALE: 1"=50' SHEET 10 OF 12 SHEETS STA. 321+00.00 TO STA. 349+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	**	MARION	181	25
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS FED. AID PROJECT				
** 20-00144-00-5P & 20-00145-00-5P				

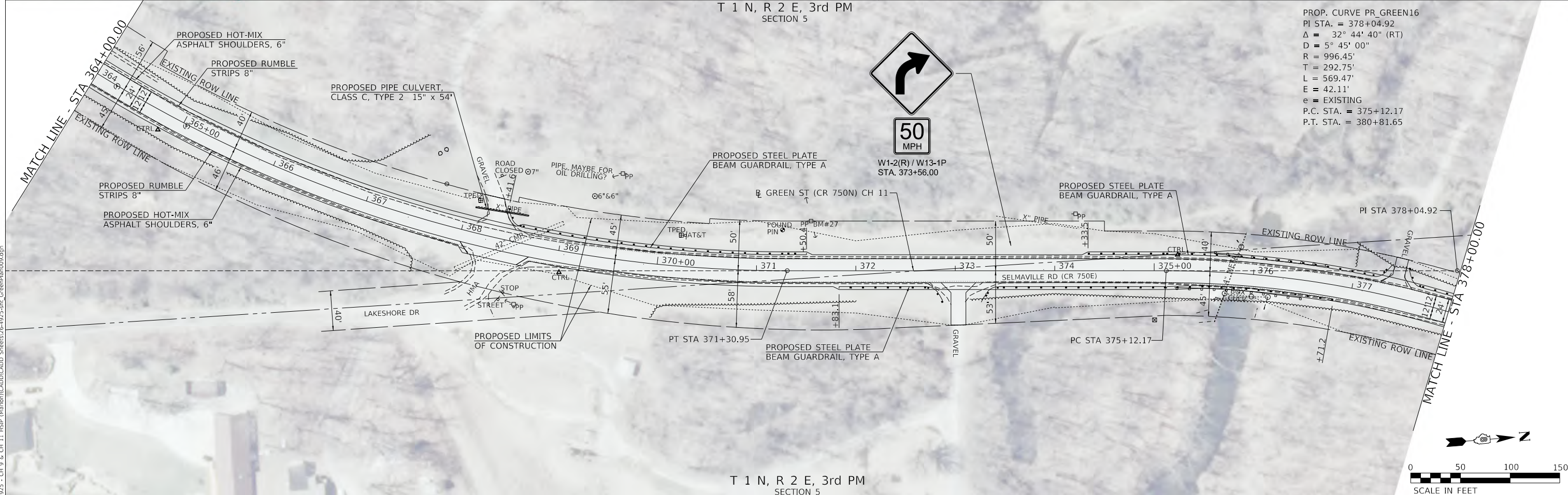
T 1 N, R 2 E, 3rd PM  
SECTION 5

PROP. CURVE PR GREEN15  
 PI STA. = 363+88.71  
 $\Delta = 83^\circ 55' 20''$  (LT)  
 $D = 4^\circ 21' 56''$   
 $R = 1,312.43'$   
 $T = 1,180.11'$   
 $L = 1,922.34'$   
 $E = 452.54'$   
 e = EXISTING  
 P.C. STA. = 352+08.60  
 P.T. STA. = 371+30.95



T 1 N, R 2 E, 3rd PM  
SECTION 5

PROP. CURVE PR GREEN16  
 PI STA. = 378+04.92  
 $\Delta = 32^\circ 44' 40''$  (RT)  
 $D = 5^\circ 45' 00''$   
 $R = 996.45'$   
 $T = 292.75'$   
 $L = 569.47'$   
 $E = 42.11'$   
 e = EXISTING  
 P.C. STA. = 375+12.17  
 P.T. STA. = 380+81.65



T 1 N, R 2 E, 3rd PM  
SECTION 5

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 2023

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 JOB # 4925

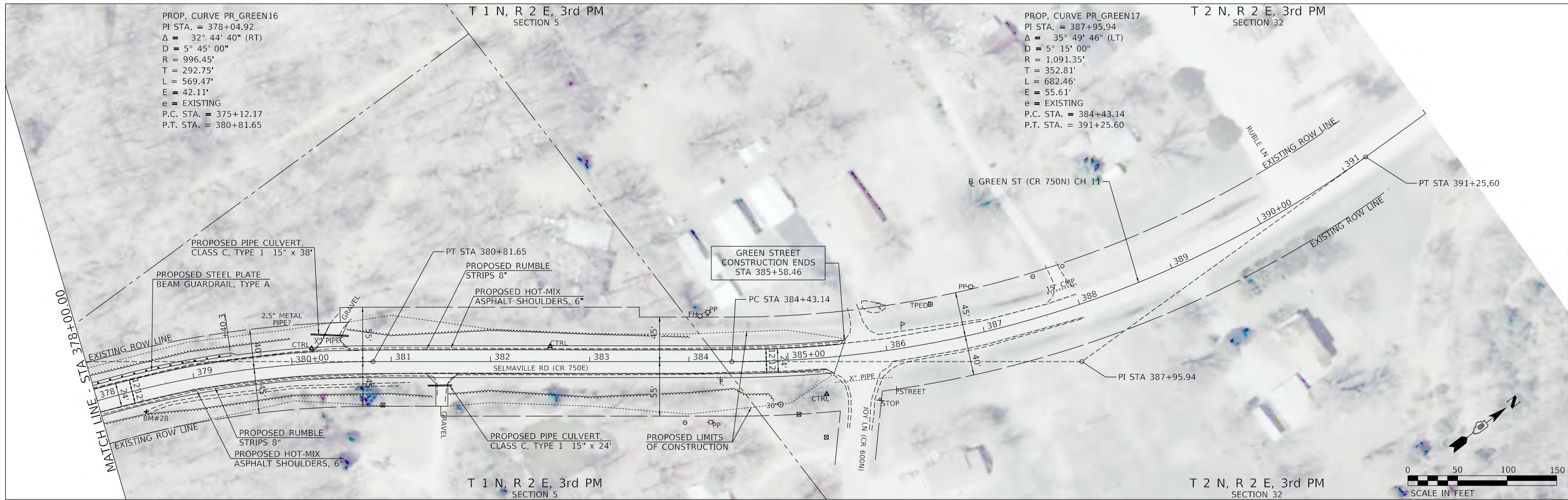
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	DATE - 8-2-2022	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

SCALE: 1"=50'	SHEET 11 OF 12 SHEETS	STA. 349+00.00 TO STA. 378+00.00
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**COUNTY HIGHWAY 11 - GREEN STREET**  
**PLAN SHEET**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	26
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS FED. AID PROJECT				



MODEL: Default  
 FILE NAME: 20-00144-00-5P - CH 9 & CH 11 - HSIP (Marion) CAD/CADD - Sheets 27-4925-shr\_GreenPlan01.dgn  
 2023

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 JOB # 4925

USER NAME = jwhite	DESIGNED - AWM	REVISED -
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	DATE - 8-2-2022	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 11 - GREEN STREET  
 PLAN SHEET**  
 SCALE: 1"=50'  
 SHEET 12 OF 12 SHEETS  
 STA. 378+00.00 TO STA. 392+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	27
* F.A.S. 792 & F.A.U. 8591		CONTRACT NO. 97820		
ILLINOIS FED. AID PROJECT				

B. M.: Spike in Power Pole  
40' Rt. Sta. 184+61, Elev. 501.76

**Existing Structure:**

Two-span precast prestressed concrete deck beam superstructure supported on concrete pile bent spill thru abutments. The structure is 81'-6" back to back of abutments, 28'-0" out to out of deck, and is not skewed. The structure was constructed in 1984. Str. No. 061-3221

Salvage: None  
Road to be closed to traffic during construction.

Traffic Barrier Terminal  
Type 5A, Std. BLR 27-1  
(Typ.)

**GENERAL NOTES**

A Corrosion Inhibitor shall be used in the concrete for Precast Prestressed Concrete Deck Beams according to Articles 1020.05(b)(10) and 1021.07 of the Standard Specifications.  
Layout of the slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.  
The top surface of the beams shall be finished according to the IDOT Manual for Fabrication of Precast Prestressed Concrete Products.  
Plan dimensions and details relative to the existing structure have been taken from existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

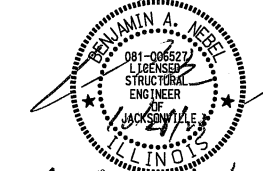
**TOTAL BILL OF MATERIAL**

ITEM	UNIT	SUPER	SUB	TOTAL
Stone Riprap, Class A5	TON	—	140	140
Filter Fabric	SQ YD	—	130	130
Concrete Removal	CU YD	—	5.3	5.3
① Removal of Existing Precast Prestressed Concrete Deck Beams	SQ FT	319	—	319
Bituminous Materials (Tack Coat)	POUND	—	65	65
Hot-Mix Asphalt Binder Course, IL-9.5, N50	TON	85	—	85
Hot-Mix Asphalt Surface Course, IL-9.5, Mix "C", N50	TON	24	—	24
① Hot-Mix Asphalt Surface Removal, Variable Depth	SQ YD	—	254	254
Structure Excavation	CU YD	—	7	7
Concrete Structures	CU YD	—	8.4	8.4
Concrete Encasement	CU YD	—	1.9	1.9
Precast Prestressed Concrete Deck Beams (21" Depth)	SQ FT	639	—	639
Reinforcement Bars	POUND	—	1,130	1,130
Steel Railing, Type S1	FOOT	82	—	82
Furnishing Steel Piles HP10x42	FOOT	—	80	80
Driving Piles	FOOT	—	80	80
Test Pile Steel HP10x42	EACH	—	1	1
① Waterproofing Membrane System	SQ YD	—	290	290
① Controlled Low-Strength Material	CU YD	—	5	5

① See Special Provisions

I certify that to the best of my knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current AASHTO Standard Specification for Highway Bridges. This design complies with all requirements of the current AASHTO Guide Specifications for Seismic Design of highway bridges.

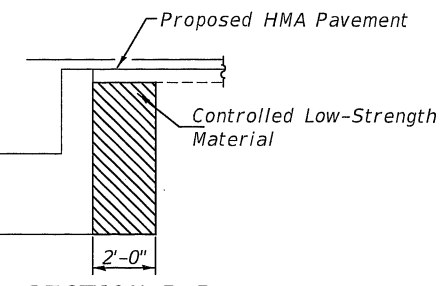
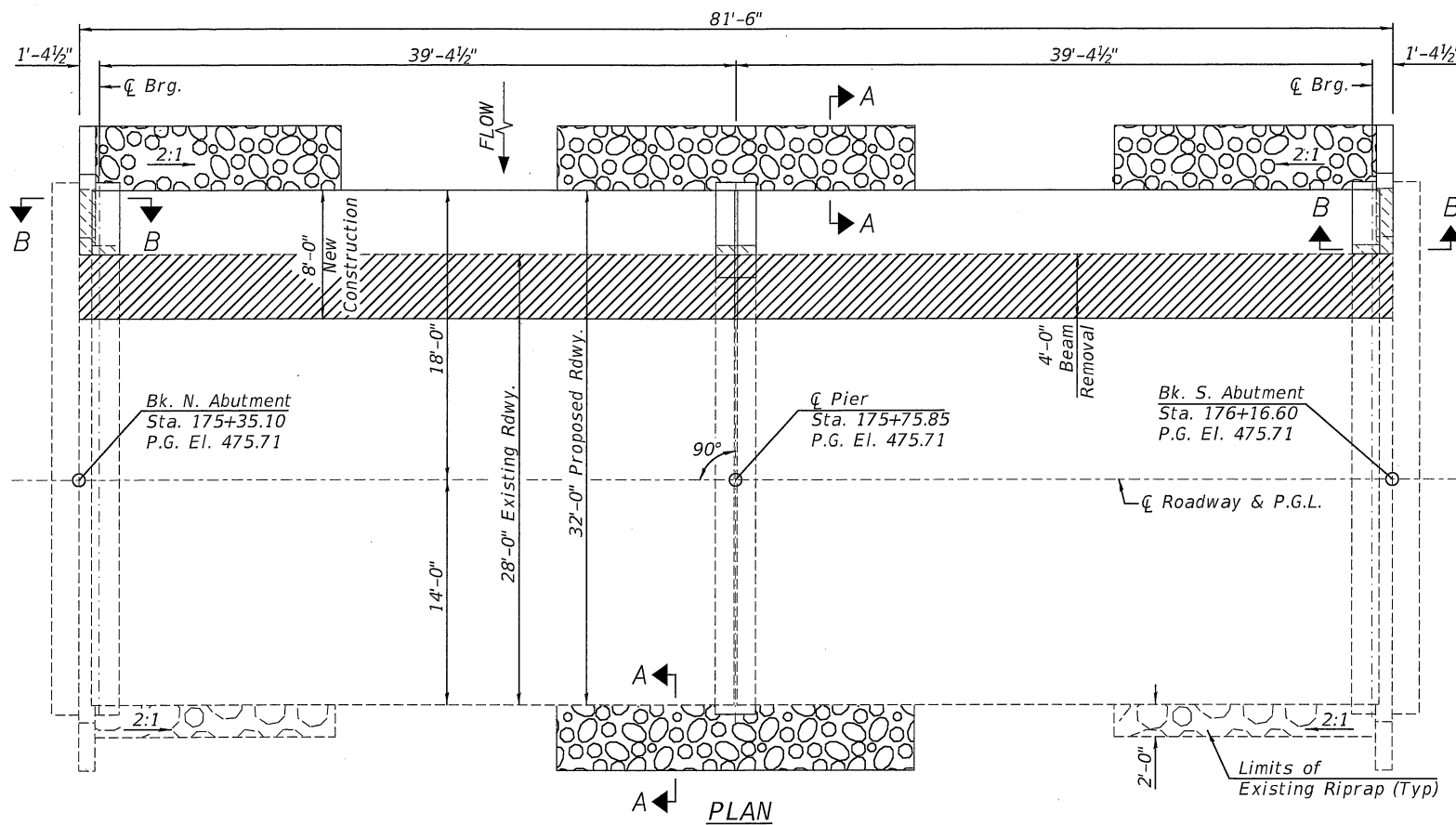
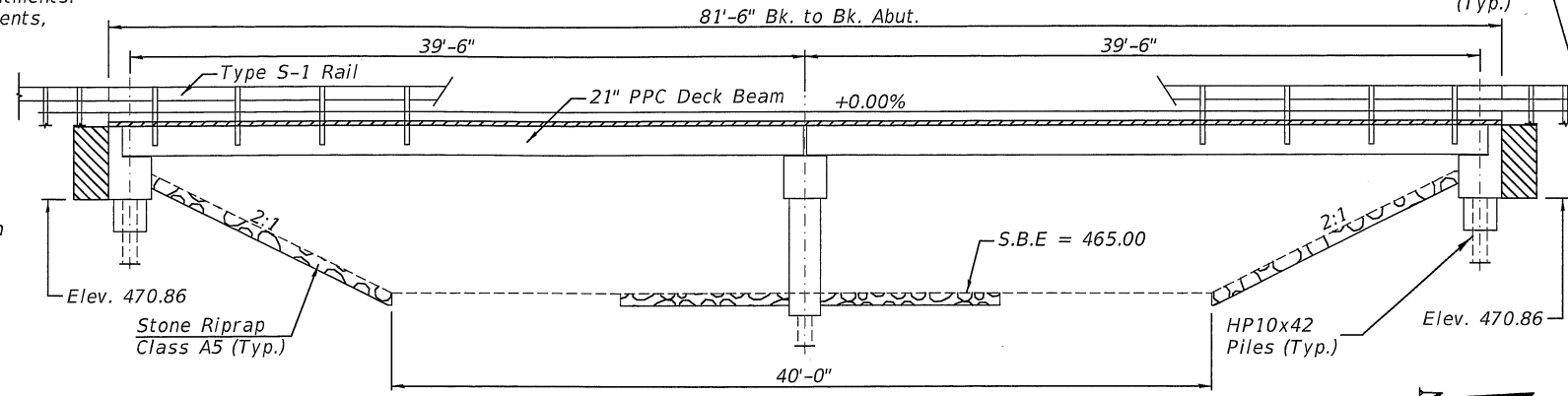
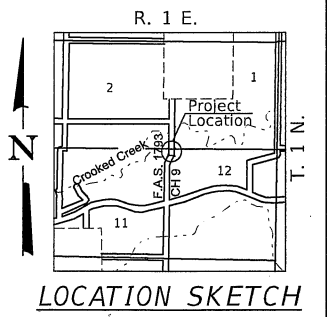
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10/20/23  
Illinois Structural No. 6527  
Expires 11/30/2024



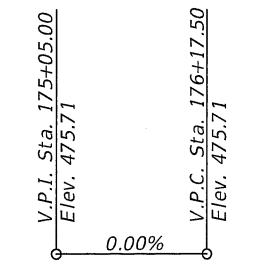
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**DESIGN SPECIFICATIONS**  
2002 LFD Bridge Design Specifications

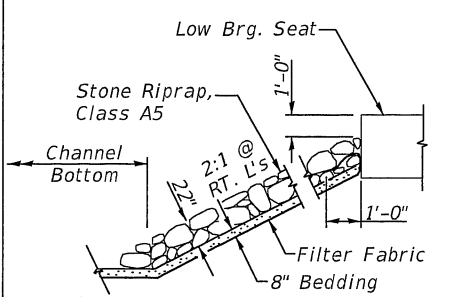
**LOADING HS20-44**



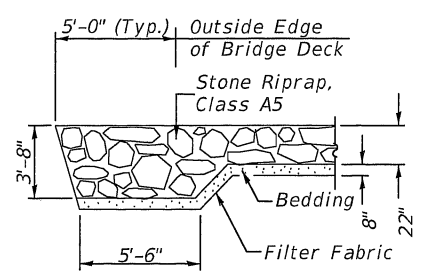
**SECTION B-B**



**PROFILE GRADE**



**STONE RIPRAP DETAIL**



**SECTION A-A**

**LEGEND**

- Existing PPC Deck Beam Removal
- Concrete Removal/Repair
- Proposed HMA Overlay

**DESIGN SCOUR ELEVATION TABLE**

Design Scour Elevations (ft.)	Item 113		
	S. Abut.	Pier #1	N. Abut.
Q100	471.0	461.6	471.0
Q200	471.0	461.5	471.0
Design	471.0	461.6	471.0
Check	471.0	461.5	471.0

**WATERWAY INFORMATION**

Drainage Area = 84.1 Sq. Mi.

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design	20	810	509	509	472.50	0.30	0.30	472.80	472.80
Base	100	1,200	620	620	473.50	1.30	1.30	474.80	474.80

**DESIGN STRESSES**

**PROPOSED**  
(FIELD UNITS)  $f'_c = 3,500$  p.s.i.,  $f_y = 60,000$  p.s.i. (Rein.)  
(PRECAST PRESTRESSED UNITS)  $f'_c = 6,000$  p.s.i.,  $f'_{ci} = 5,000$  p.s.i.,  $f'_s = 270,000$  p.s.i. ( $1/2$ " Strands),  $f'_{si} = 201,960$  p.s.i. ( $1/2$ " Strands)

**EXISTING**  
(FIELD UNITS)  $f'_c = 3,500$  p.s.i.,  $f_y = 60,000$  p.s.i. (Rein.)  
(PRECAST PRESTRESSED UNITS)  $f'_c = 5,000$  p.s.i.,  $f'_{ci} = 4,000$  p.s.i.,  $f'_s = 270,000$  p.s.i. ( $1/2$ " Strands),  $f'_{si} = 189,000$  p.s.i. ( $1/2$ " Strands)

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2023

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JOB# 4925

USER NAME = JWhite  
DESIGNED - ZL  
DRAWN - JCW/ZL  
CHECKED - JPS/BAN  
PLOT DATE = 10/26/2023

REVISIONS  
REVISED -  
REVISED -  
REVISED -  
REVISED -

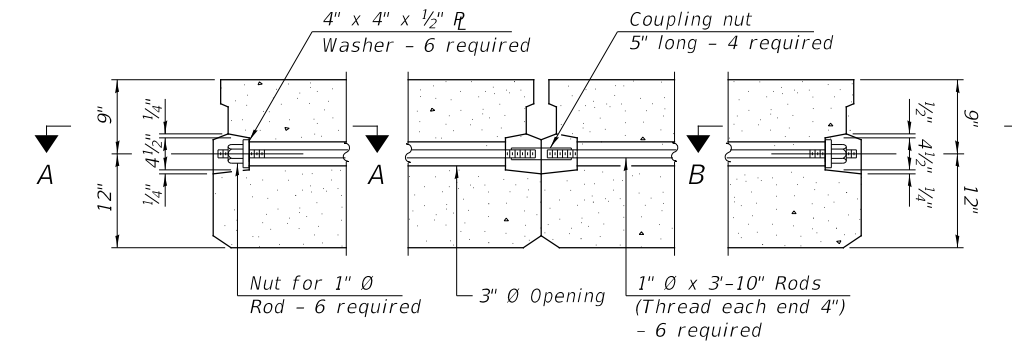
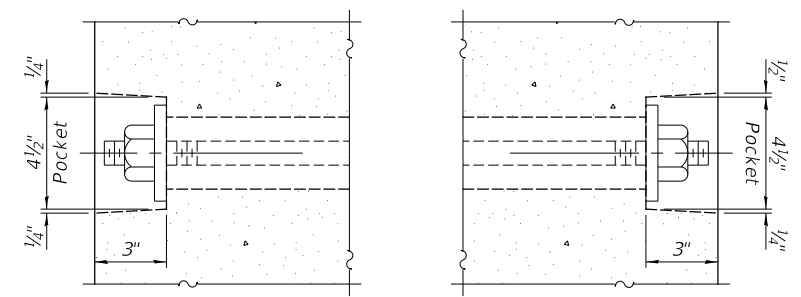
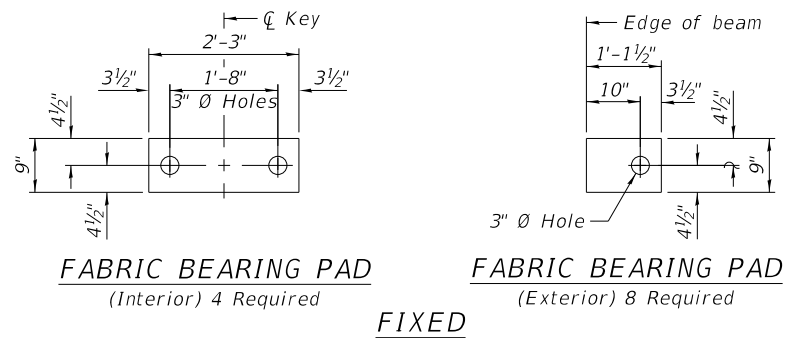
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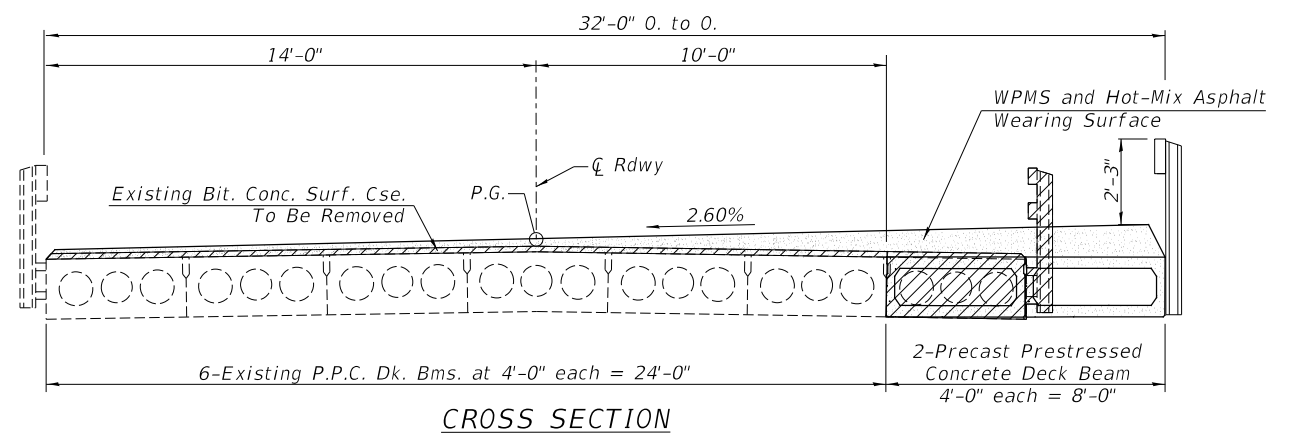
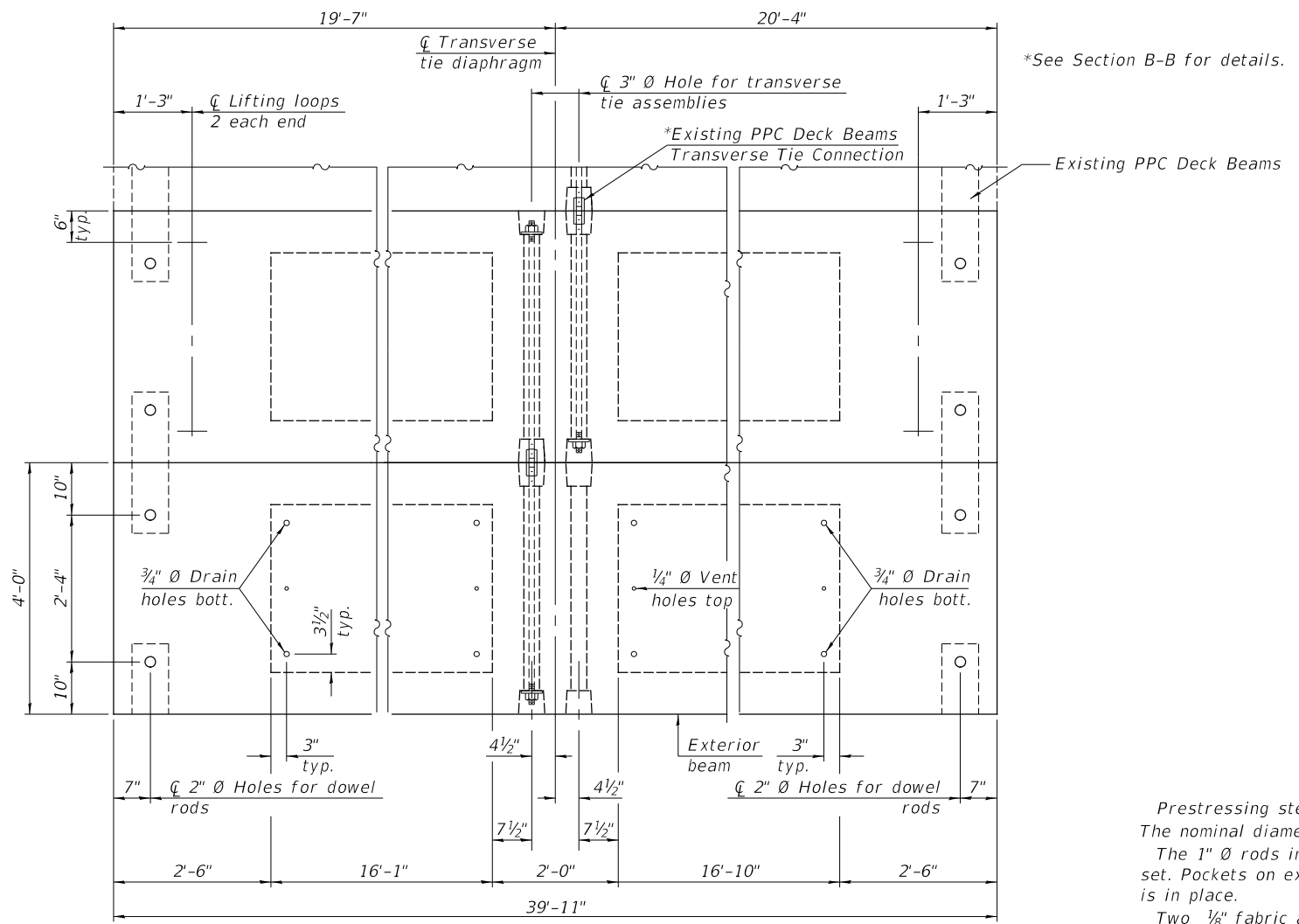
**ODIN ROAD OVER CROOKED CREEK  
GENERAL PLAN & ELEVATION**

SCALE: N/A SHEET 1 OF 9 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1793	20-00144-00-BR	MARION	181	28
	SN 061-3221			CONTRACT NO. 97820
		ILLINOIS		



Notes:  
All bearing pads shall be 1/2" thick.



**BILL OF MATERIAL**

Precast Prestressed Conc. Deck Bms. (21" depth)	Sq. Ft.	639
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**NOTES**

- Prestressing steel shall be uncoated high strength, low relaxation 7-wire strand, Grade 270. The nominal diameter shall be 1/2" and the nominal cross-sectional area shall be 0.153 sq. in.
- The 1" rods in the transverse tie assembly shall be tightened to a snug fit and the threads set. Pockets on exterior faces of bridge shall be filled with grout after transverse tie assembly is in place.
- Two 1/8" fabric adjusting shims of the dimensions of the exterior bearing pad shall be provided for each bearing pad location.
- A minimum 2 1/2" diameter lifting pin shall be used to engage the lifting loops during handling.
- Corrosion Inhibitor, per Article 1020.05(b)(10) and 1021.07 of the Standard Specifications, shall be used in the concrete for precast prestressed concrete deck beams.
- Compressive strength of prestressed concrete, f'c, shall be 6000 psi.
- Compressive strength of prestressed concrete at release, f'ci, shall be 5000 psi.
- Contractor shall verify location of transverse ties and make necessary adjustments prior to ordering beams.

MODEL: D:\dgn\... FILE NAME: 201925 - CH 9 & CH 11 HSIP (Mar) (CADD) Sheets 28-36-4925-001.dgn 2023

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JOB # 4925

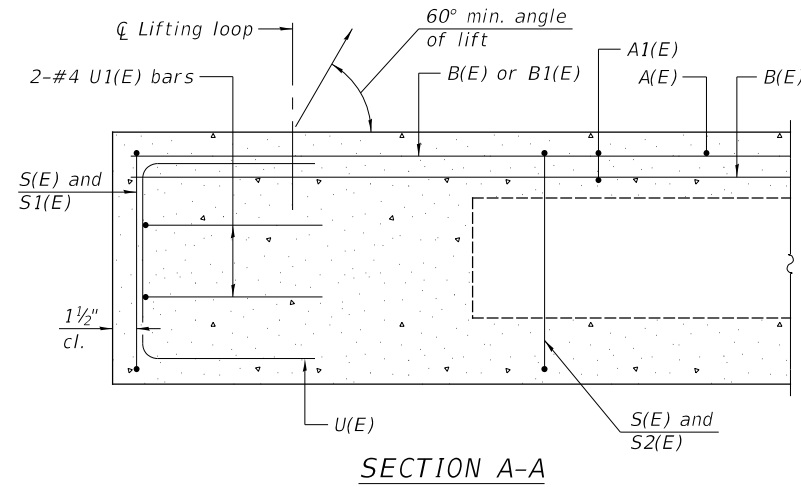
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	DATE - 6/28/2023	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

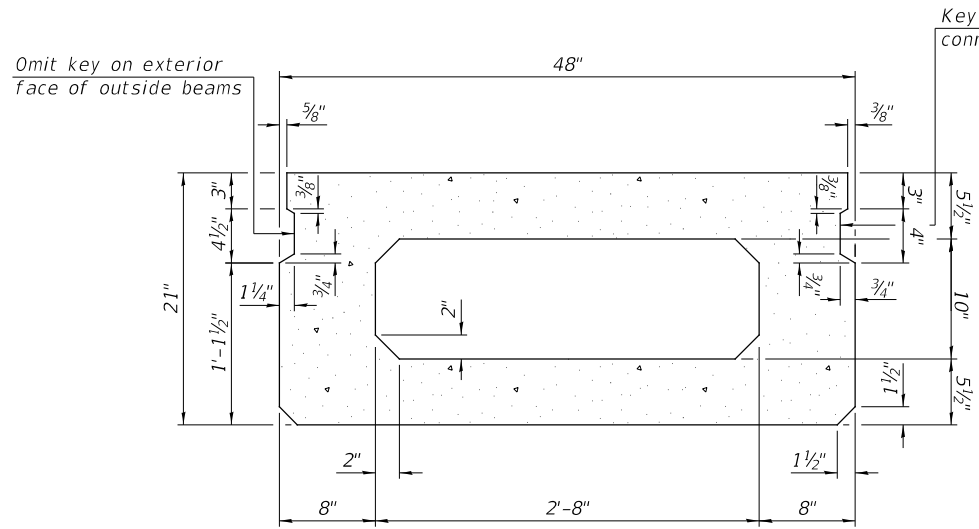
**ODIN ROAD OVER CROOKED CREEK**  
**SUPERSTRUCTURE - SPANS 1 & 2**

SCALE: N/A SHEET 2 OF 9 SHEETS

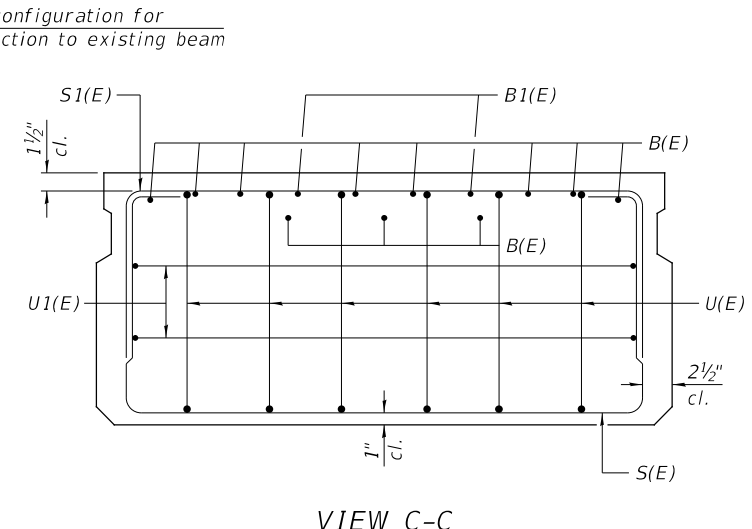
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1793	20-00144-00-BR	MARION	181	29
	SN 061-3221			CONTRACT NO. 97820
	ILLINOIS			



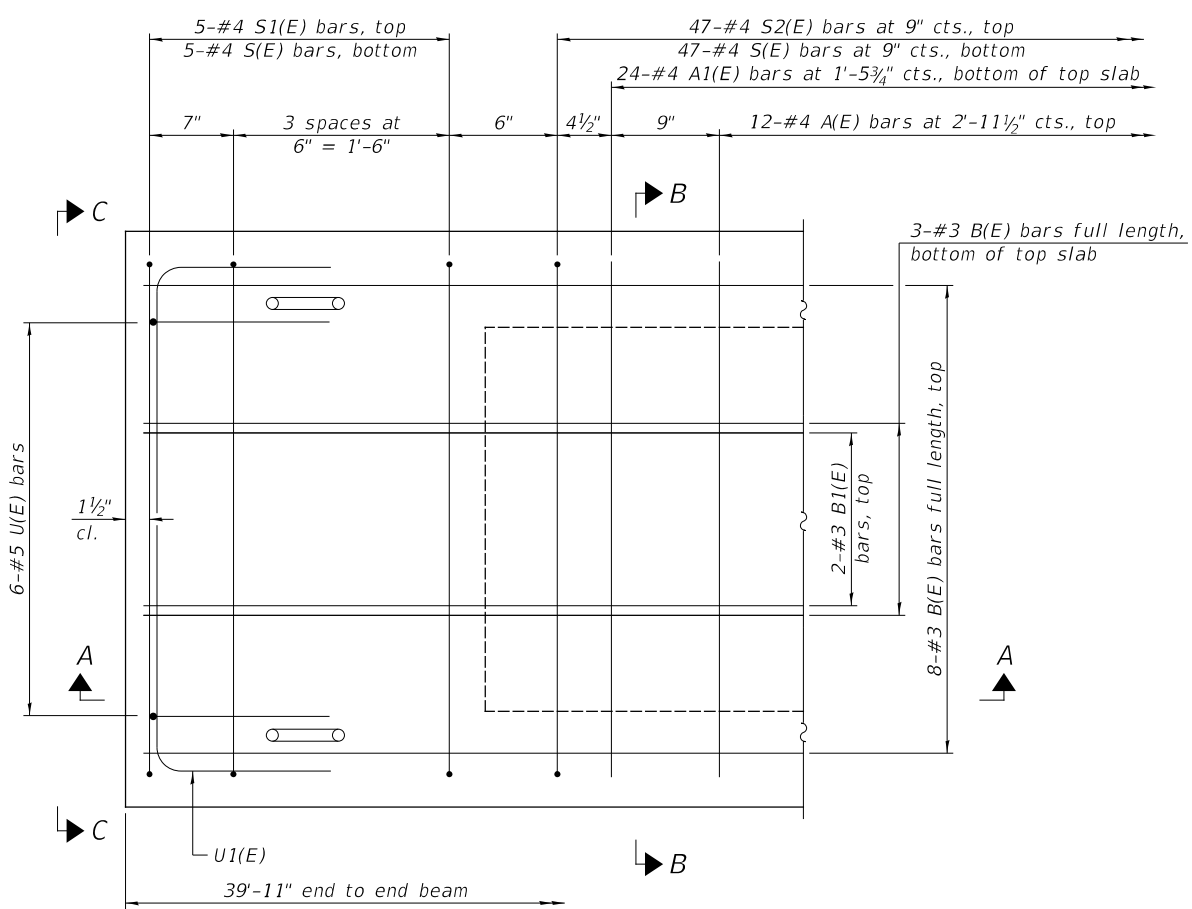
SECTION A-A



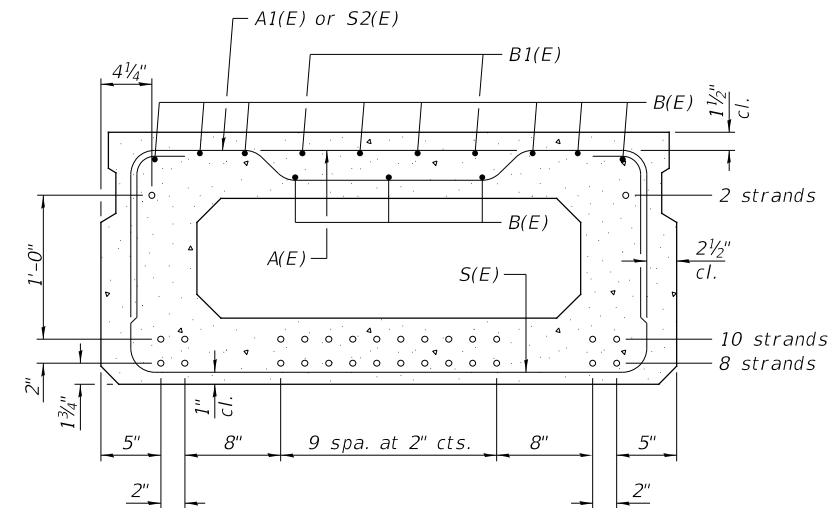
SECTION B-B  
(Showing dimensions)



VIEW C-C



PLAN VIEW



SECTION B-B  
(Showing reinforcement and permissible strand locations)  
20-1/2 inch O Strands Each Strand Stressed to 30,900 Lbs.  
8-Strands 1 3/4 inch up, 10-Strands 3 3/4 inch up,  
2-Strands 15 3/4 inch up

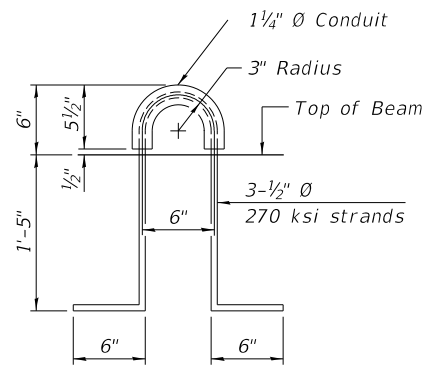
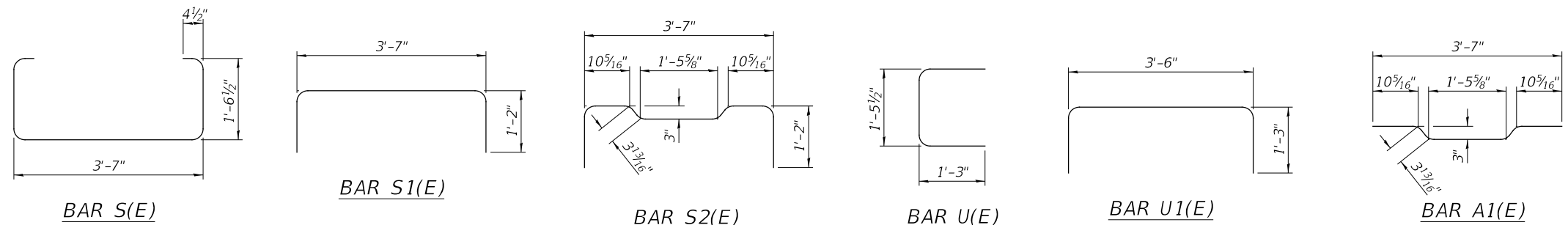
Note: Place the number of strands specified in each row symmetrically about the centerline of beam in the permissible strand locations shown.

BAR LIST  
ONE BEAM ONLY  
(For information only)

Bar	No.	Size	Length	Shape
A(E)	12	#4	3'-7"	—
A1(E)	24	#4	3'-10"	—
B(E)	11	#3	39'-8"	—
B1(E)	4	#3	10'-0"	—
S(E)	57	#4	7'-5"	□
S1(E)	10	#4	5'-11"	□
S2(E)	47	#4	6'-2"	□
U(E)	12	#5	4'-0"	□
U1(E)	4	#4	6'-0"	□

Note:  
See sheet 2 of 9 for additional details and Bill of Material.

MINIMUM BAR LAP  
#3 bar = 1'-6"



LIFTING LOOP DETAIL

MODEL: Defaul... FILE NAME: 2023-09-25 - CH 9 & CH 11 HSIP (Mn/Dm)CADDDCADD Sheets28-26-4925-001.dgn

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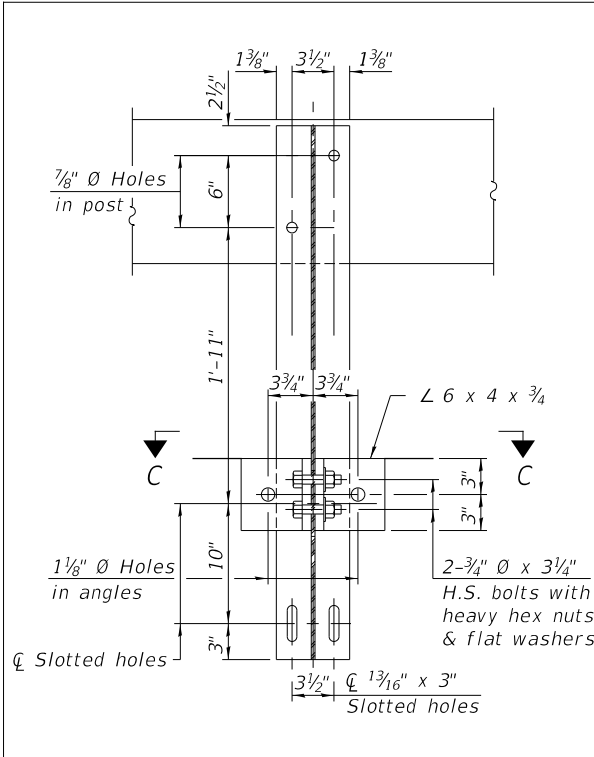
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	DATE - 8/24/2023	REVISED -

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DEPARTMENT OF TRANSPORTATION

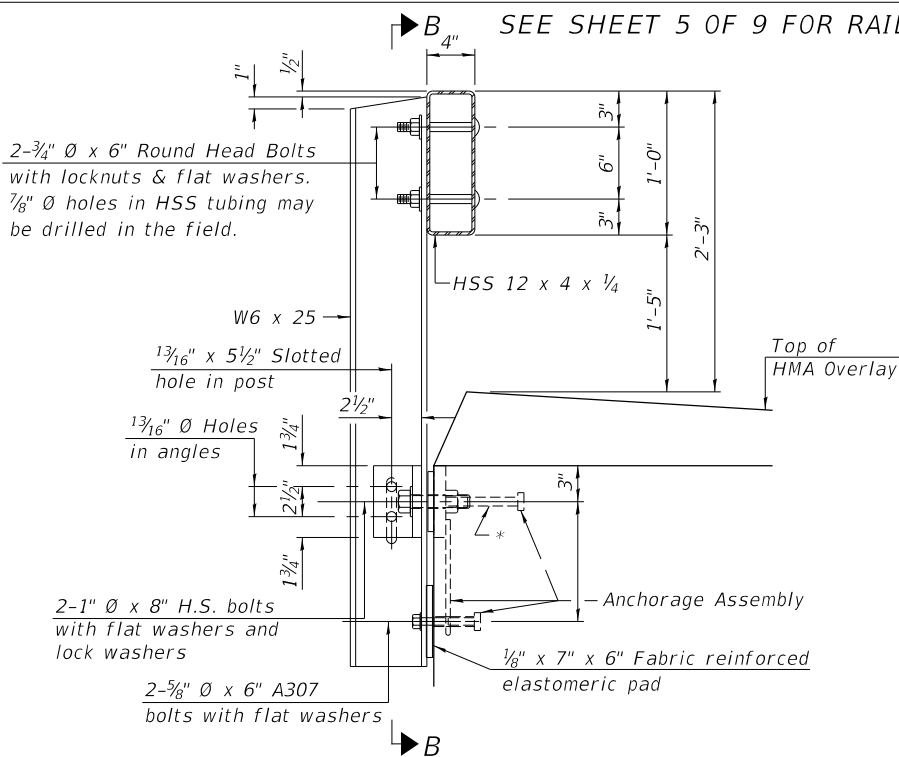
ODIN ROAD OVER CROOKED CREEK  
SUPERSTRUCTURE DETAILS

SCALE: N/A SHEET 3 OF 9 SHEETS

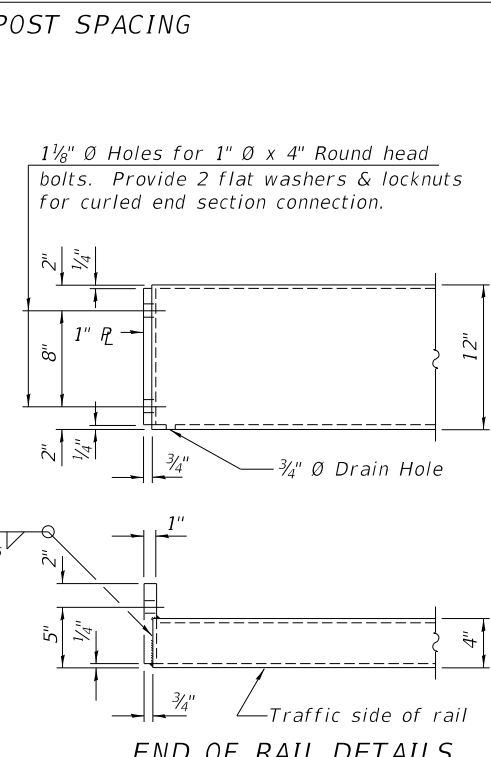
F.A.S. RTE. 1793	SECTION 20-00144-00-BR	COUNTY MARION	TOTAL SHEETS 181	SHEET NO. 30
SN 061-3221		CONTRACT NO. 97820		
ILLINOIS				



SECTION B-B



SECTION AT RAILING POST



END OF RAIL DETAILS

**NOTES**

A sufficient number of shims of various thicknesses, sized to fit behind the top spacer assembly, 5" x 11 1/2", and bottom spacer assembly, 6" x 7", shall be provided to adjust posts for proper alignment. If the summation of shims is greater than 1/4" (top) or 1/2" (bottom), longer bolts are required. Cost included with Steel Railing, Type S-1.

All steel rail elements including shims shall be galvanized according to Article 509.05 of the Standard Specifications.

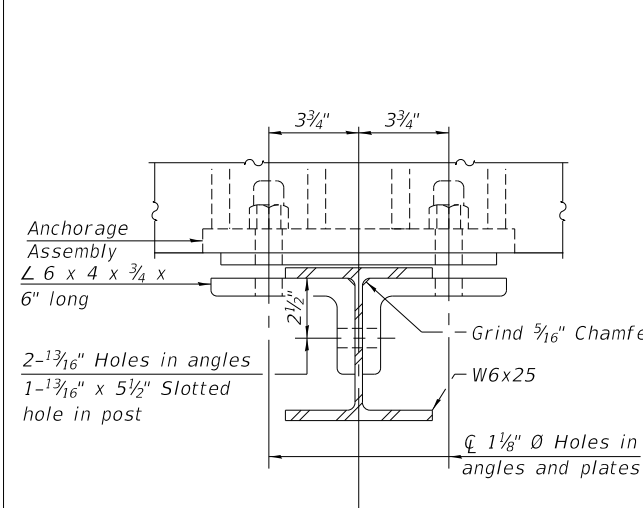
All HSS tubing serving as railing shall be CVN tested according to Article 1006.34(b) of the Standard Specifications.

Rail splice inserts may be built out of 2 - 3/8" bent plates in lieu of the 4 plate rail splice inserts shown, provided the outside dimensions are matched.

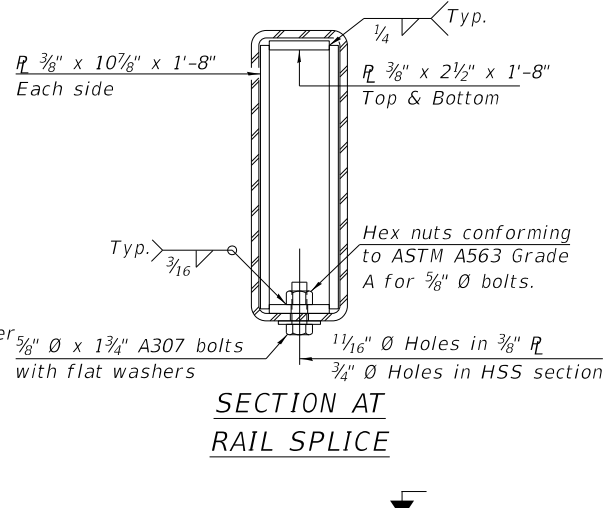
All round head bolts shall be ASTM A307 with locknuts according to ASTM A563 grade A.

All field drilled holes shall be coated with an approved zinc rich paint before erection.

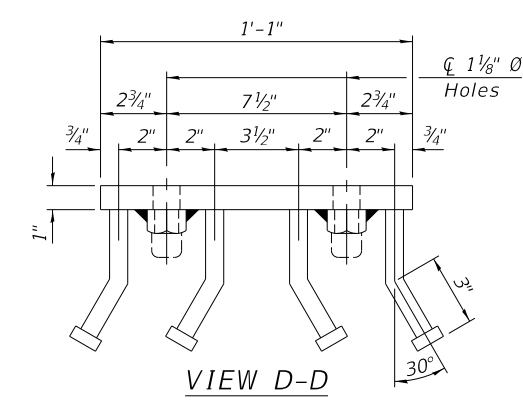
\* The outermost longitudinal reinforcement bar shall be placed directly above the studs of the rail post anchorage assembly. The anchorage studs may be bent down 1/2" to accommodate the top reinforcement bar placement.



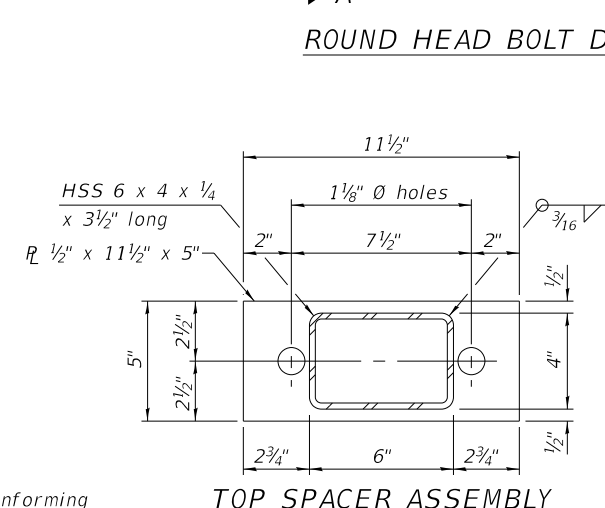
SECTION C-C



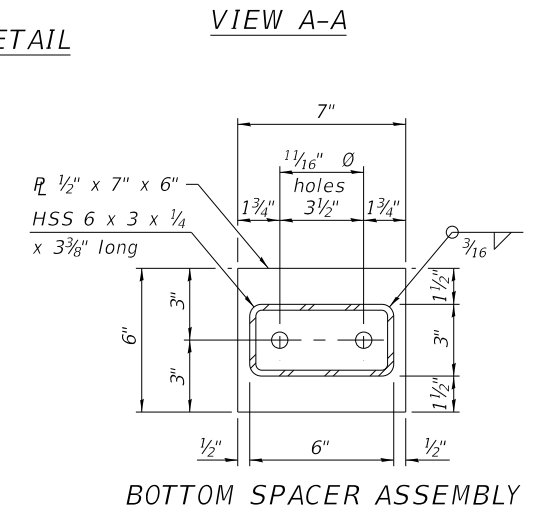
SECTION AT RAIL SPLICE



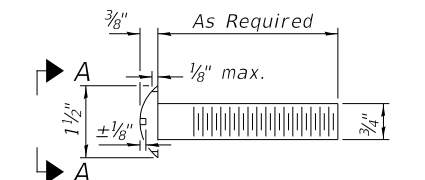
VIEW D-D



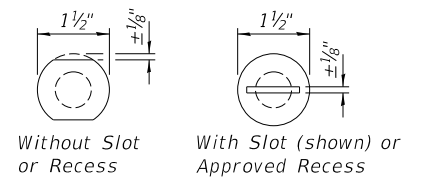
TOP SPACER ASSEMBLY



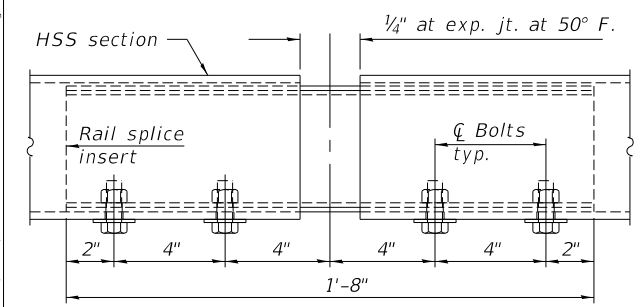
BOTTOM SPACER ASSEMBLY



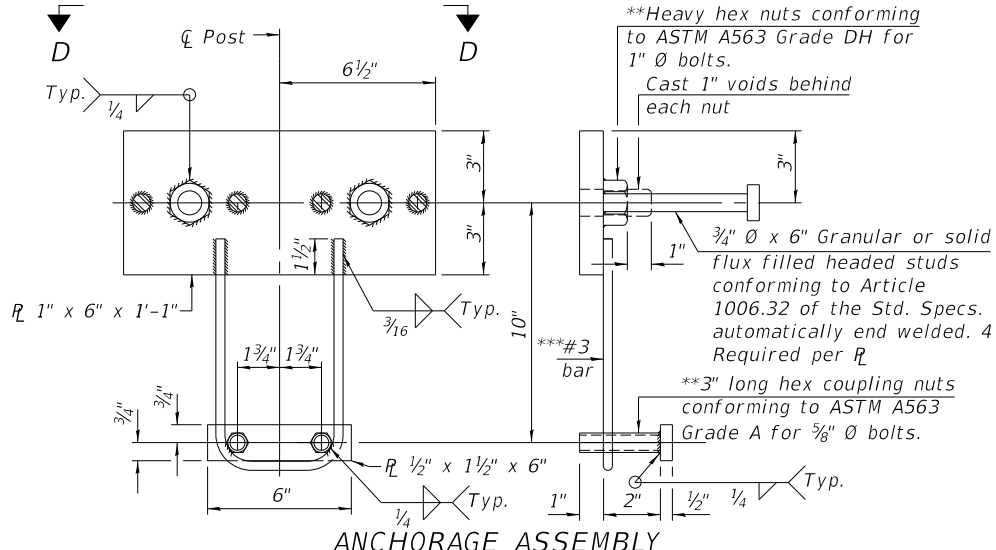
ROUND HEAD BOLT DETAIL



VIEW A-A



RAIL SPLICE ELEVATION



ANCHORAGE ASSEMBLY

\*\* Threaded areas shall be plugged or blocked off during casting of beam.

**BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
Steel Railing, Type S1	FOOT	81.5

\*\*\*Whenever the lower insert assemblies interfere with strand locations, the #3 bars shall be cut and adjusted in order to allow raising or lowering at the lower inserts. Maximum adjustment not to exceed 1/2".

MODEL: Defaul... FILE NAME: 201925 - CH 9 & CH 11 HSR (M&P)CADDDCAD - Sheets25-26-4925-001.dgn

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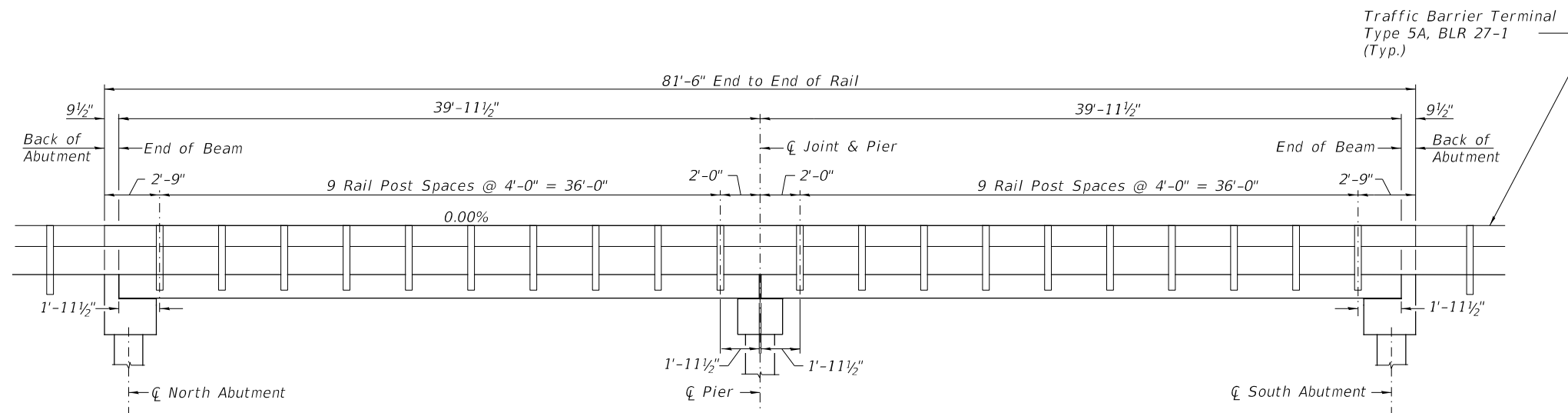
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PLOT DATE = 10/23/2023	CHECKED - JPS/BAN	REVISED -
	DATE - 8/24/2023	REVISED -

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**ODIN ROAD OVER CROOKED CREEK  
STEEL RAILING**

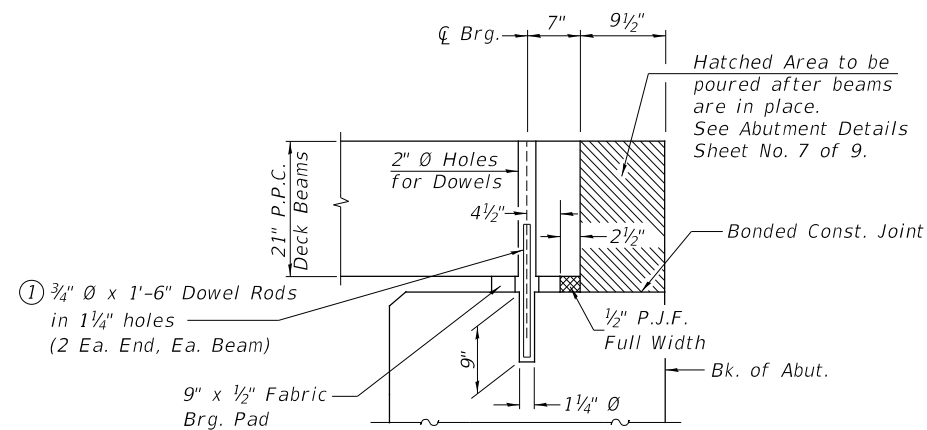
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1793	20-00144-00-BR	MARION	181	31
	SN 061-3221			CONTRACT NO. 97820
		ILLINOIS		

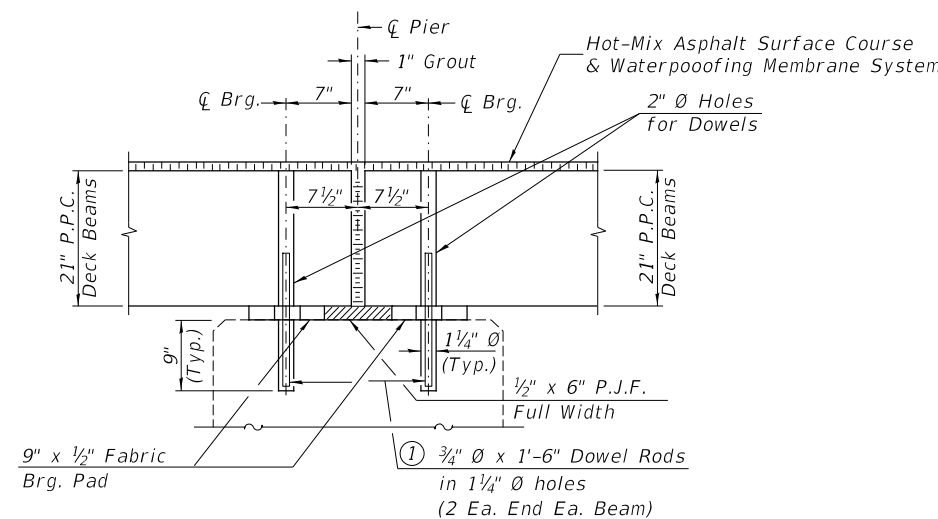


**RAIL POST SPACING**

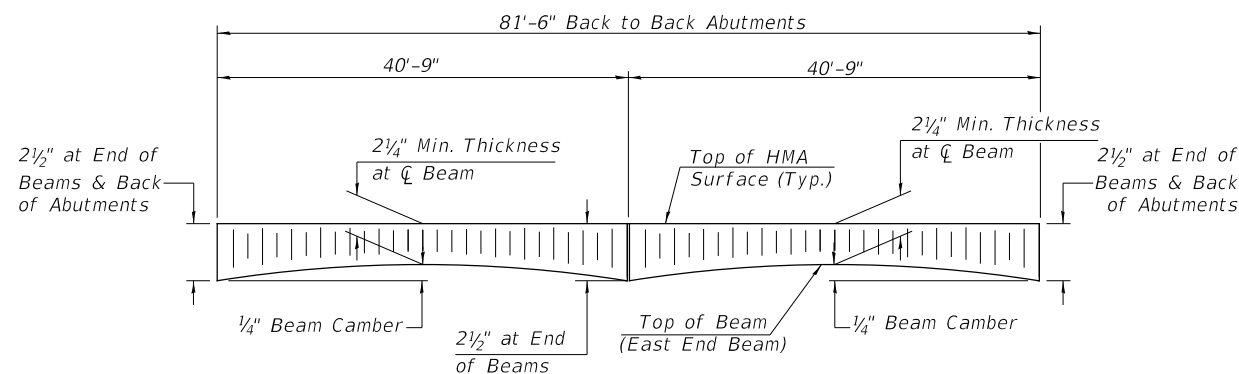
① Dowel Rods to be grouted after beams are in place and allowed to cure (Min. 24 hr.) prior to grouting the shear keys.



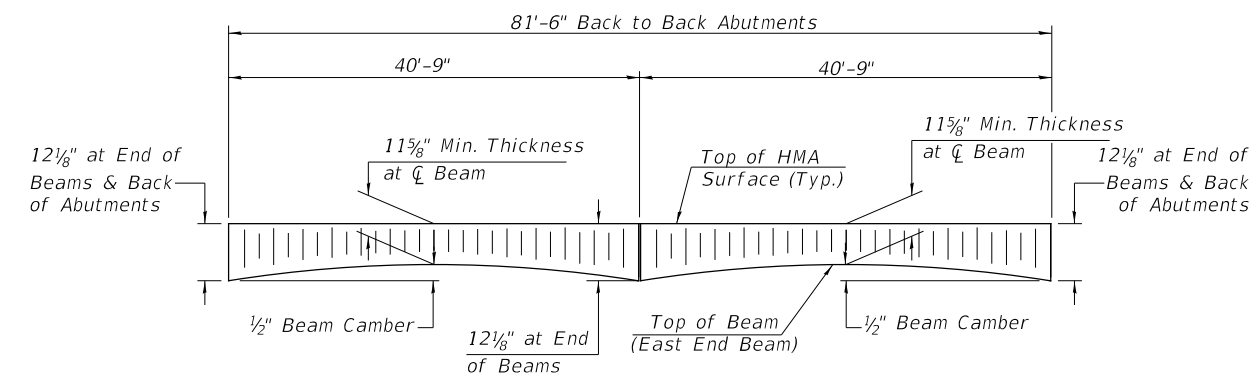
**SECTION THRU ABUTMENTS**



**SECTION THRU PIER**



**HMA SURFACE PROFILE - EAST EDGE**  
Includes Waterproofing Membrane System (±3/4)



**HMA SURFACE PROFILE - WEST EDGE**  
Includes Waterproofing Membrane System (±3/4)

MODEL: Default  
FILE NAME: 201925 - CH 9 & CH 11 HSIP (Mar) (CAD) Sheets 25-36-4925-001.dgn  
2023

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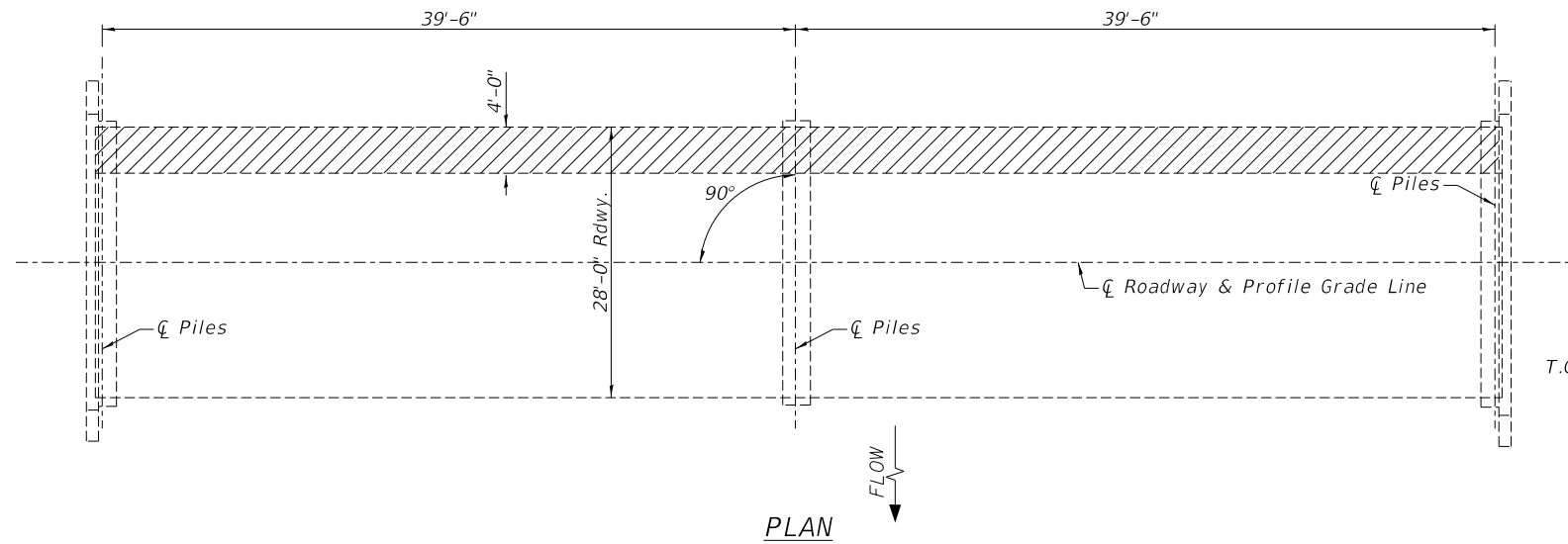
**STATE OF ILLINOIS  
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**ODIN ROAD OVER CROOKED CREEK  
RAIL POST SPACING AND SUPERSTRUCTURE DETAILS**

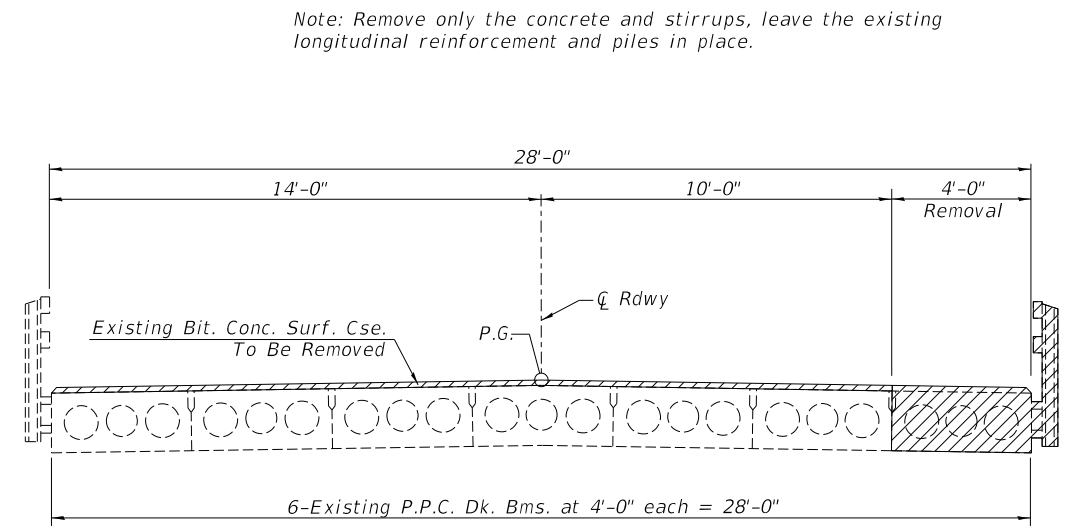
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	SN 061-3221			CONTRACT NO. 97820
	ILLINOIS			

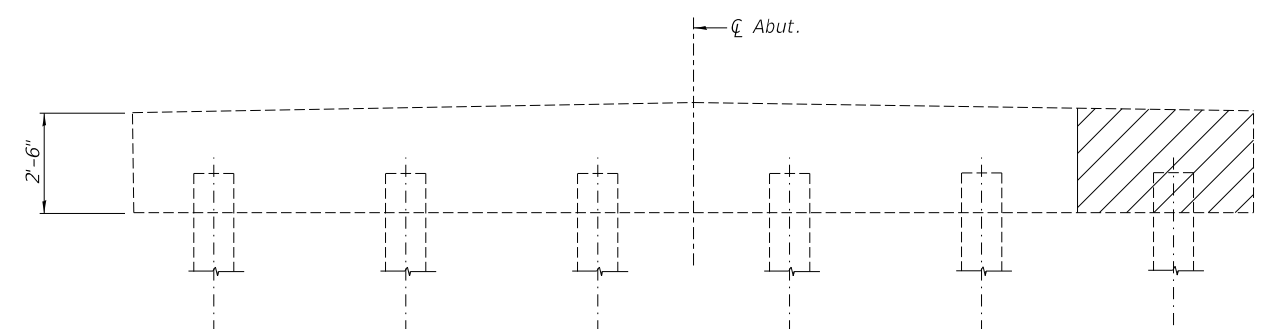
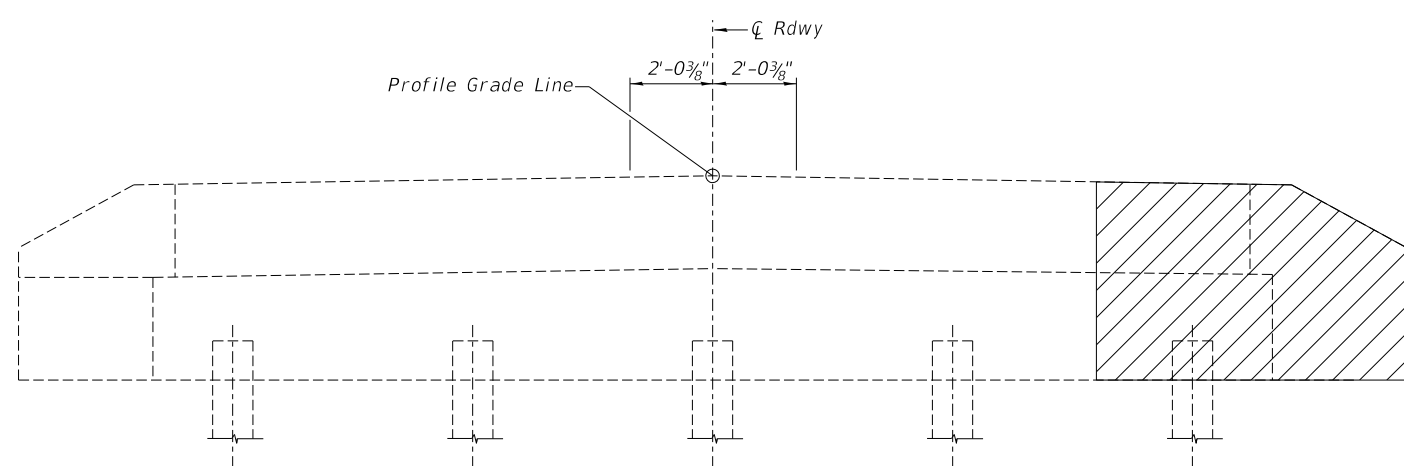
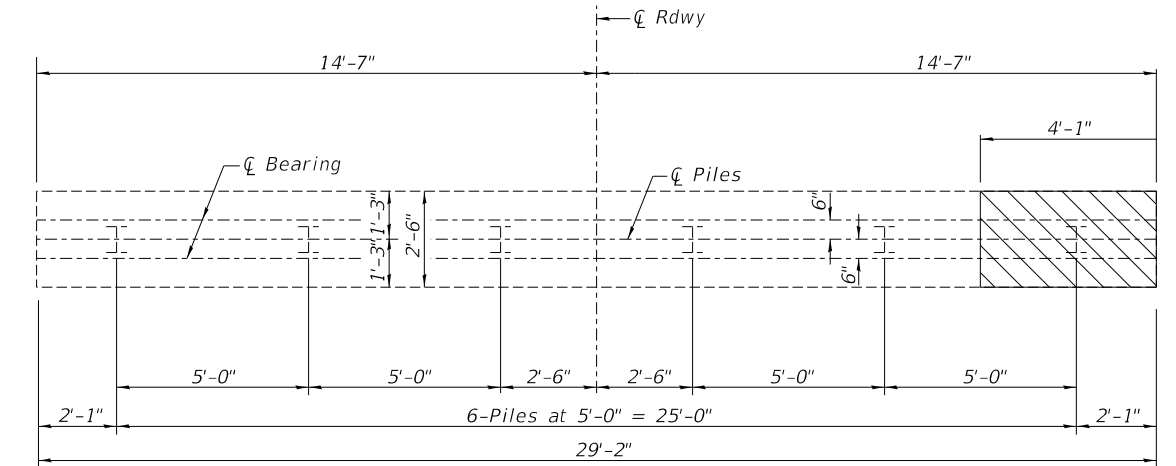
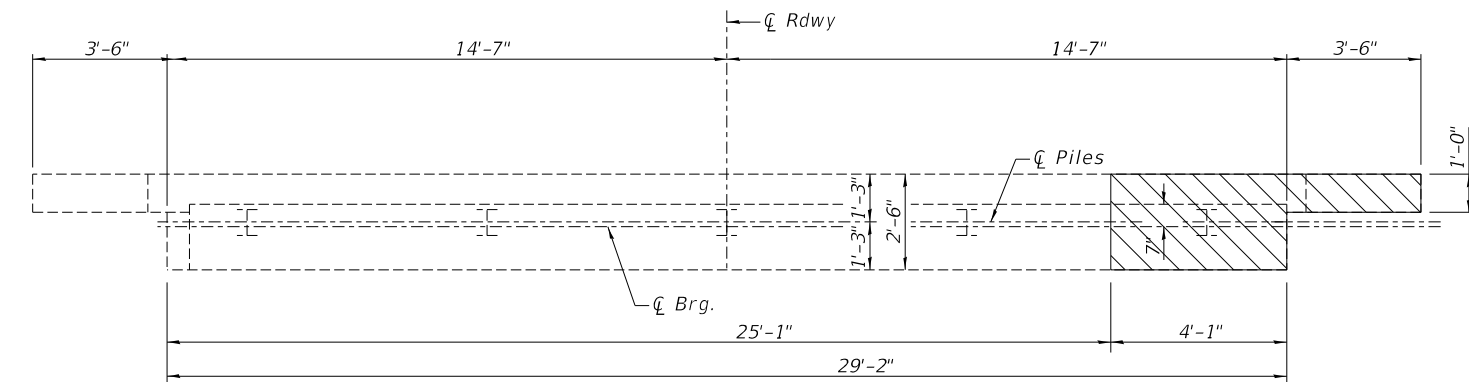




T.C.E. = Top of Cap Elevation



Note: Remove only the concrete and stirrups, leave the existing longitudinal reinforcement and piles in place.



ABUTMENT ELEVATION

PIER ELEVATION

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Removal	CU YD	5.3
Removal of Existing Precast Prestressed Concrete Deck Beams	SQ FT	319

Existing PPC Deck Beam/Concrete To Be Removed

MODEL: Default  
FILE NAME: 201925 - CH 9 & CH 11 HSIP (Marion)CADDDCADD\_Sheets28-36-4925-001.dgn  
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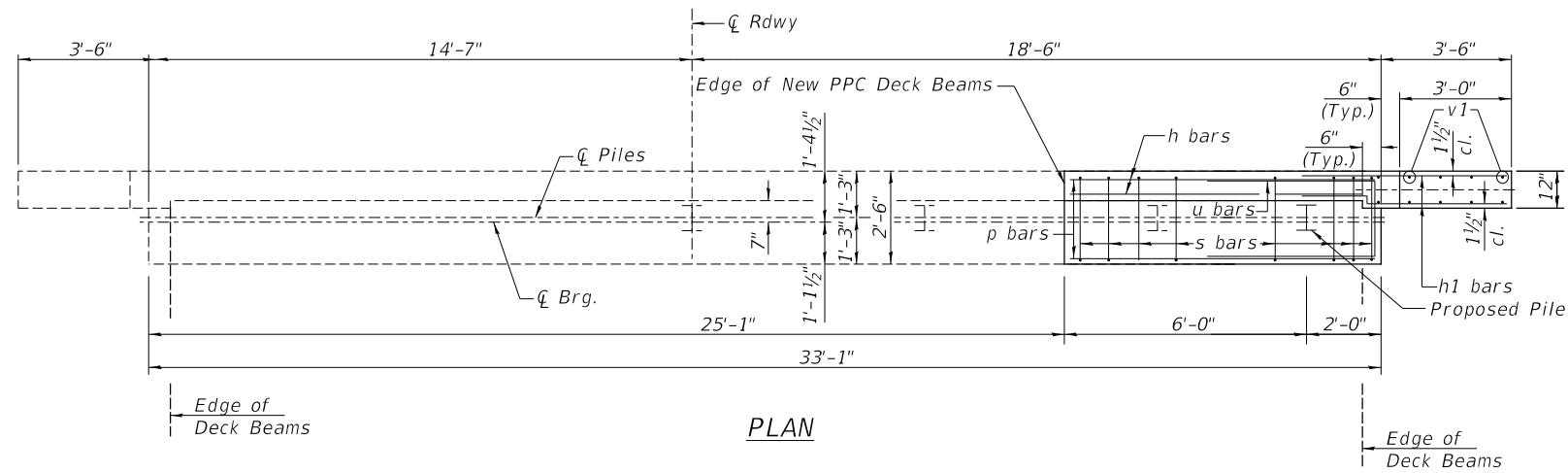
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	DATE - 8/24/2023	REVISED -

STATE OF ILLINOIS  
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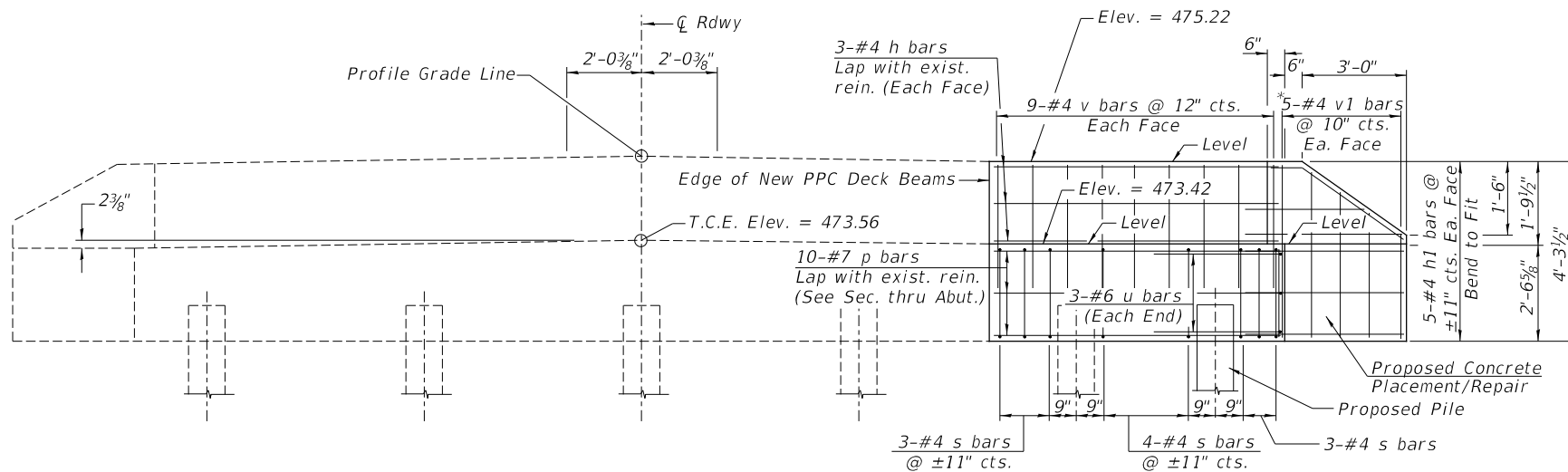
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SHEET 6 OF 9 SHEETS

ODIN ROAD OVER CROOKED CREEK  
CONCRETE REMOVAL

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1793	20-00144-00-BR	MARION	181	33
SN 061-3221		CONTRACT NO. 97820		
ILLINOIS				



PLAN



ELEVATION

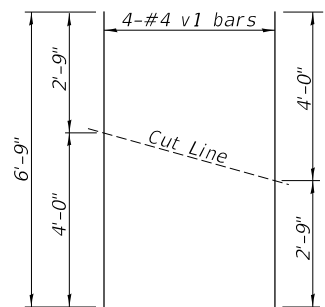
(Front View of Abutments)

**PILE DATA**

Type & Size: Steel HP10x42  
 Nominal Required Bearing: 335 kips  
 Factored Resistance Available: 184 kips  
 Est. Length: 40'  
 No. Req'd.: 2 (Includes 1 Test Pile at North Abut.)

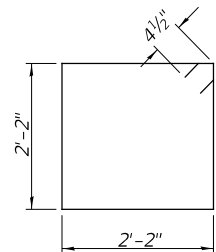
**NOTES**

1. The backwall and the portion of the wingwalls above the bonded construction joint shall be cast against the in-place beam.
2. All edges shall have standard 3/4" chamfer.
3. Lap longitudinal reinforcement with the existing longitudinal reinforcement

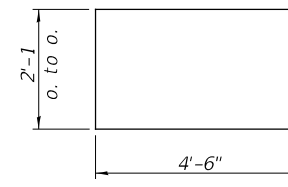


BAR CUTTING DIAGRAM

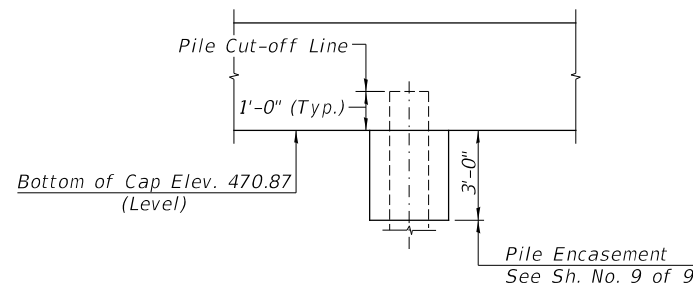
\*Order v1 bars full length. Cut as shown and use remainder of bars in opposite face.



BAR s



BAR u

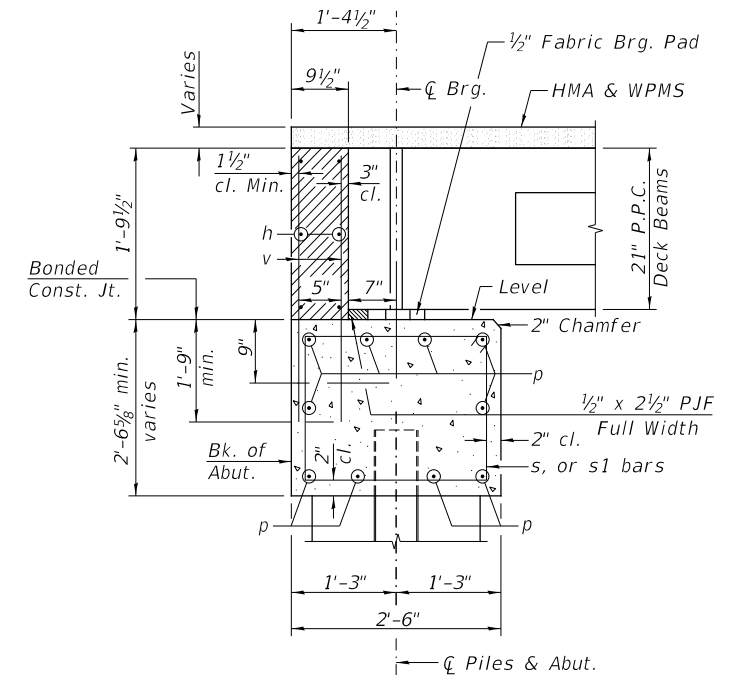


PILE ENCASEMENT



South Abut.

North Abut.



SECTION THRU ABUT.

**TWO ABUTMENTS  
BILL OF MATERIAL**

BAR	NO.	SIZE	LENGTH	SHAPE
h	12	#4	7'-8"	—
h1	20	#4	5'-6"	—
p	20	#7	7'-8"	—
s	20	#4	9'-5"	□
u	6	#6	11'-1"	□
v	36	#4	4'-0"	—
v1	10	#4	6'-7"	—
Structure Excavation		CU YD	7	
Concrete Structures		CU YD	6.5	
Concrete Encasement		CU YD	0.7	
Reinforcement Bars		POUND	820	
Furnishing Steel Piles HP10x42		FOOT	40	
Driving Piles		FOOT	40	
Test Pile Steel HP10x42		EACH	1	

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 2023

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 DATE - 8/24/2023

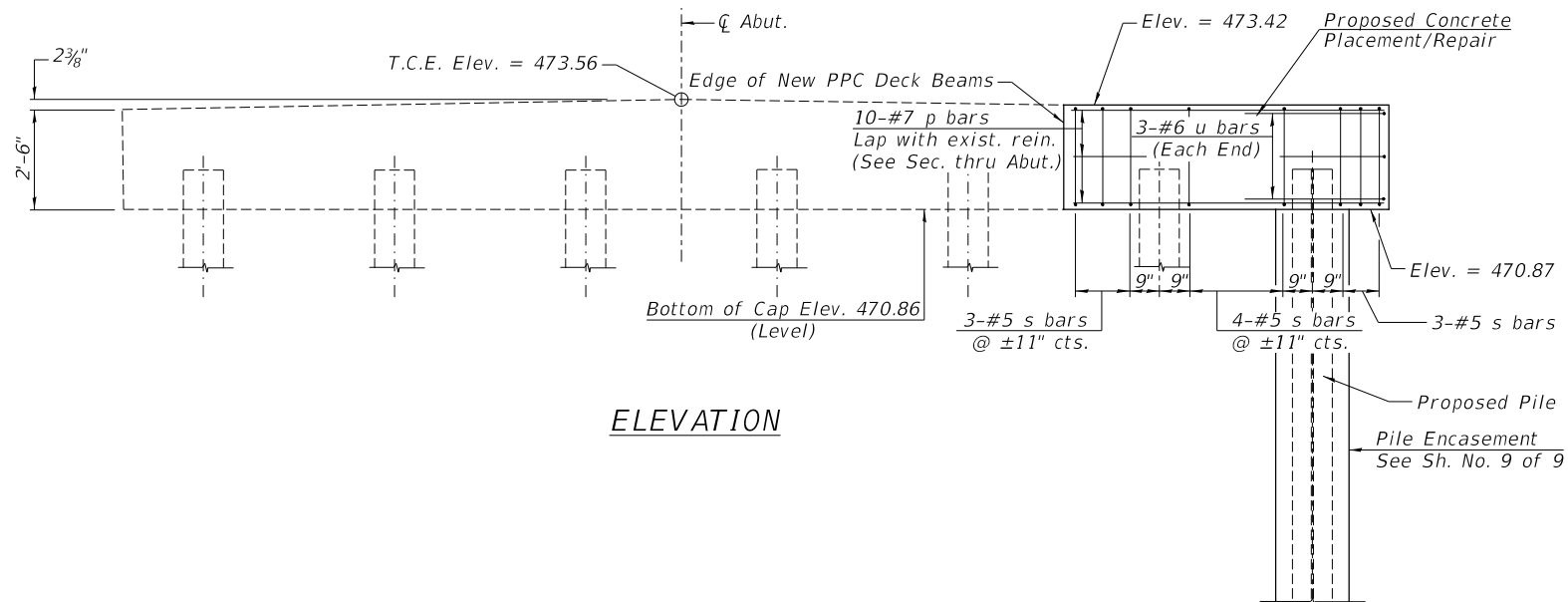
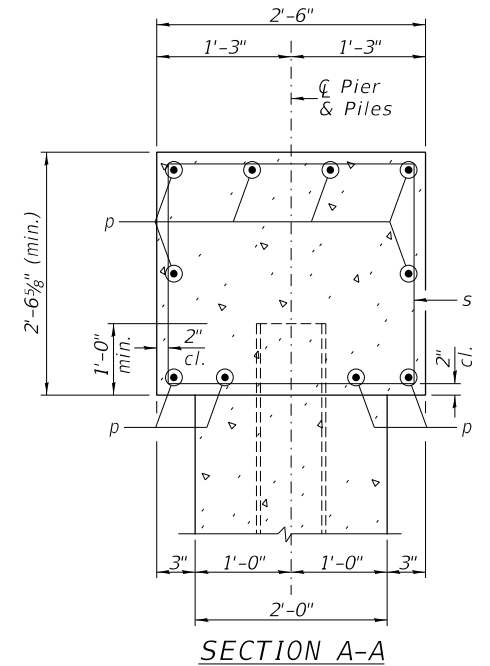
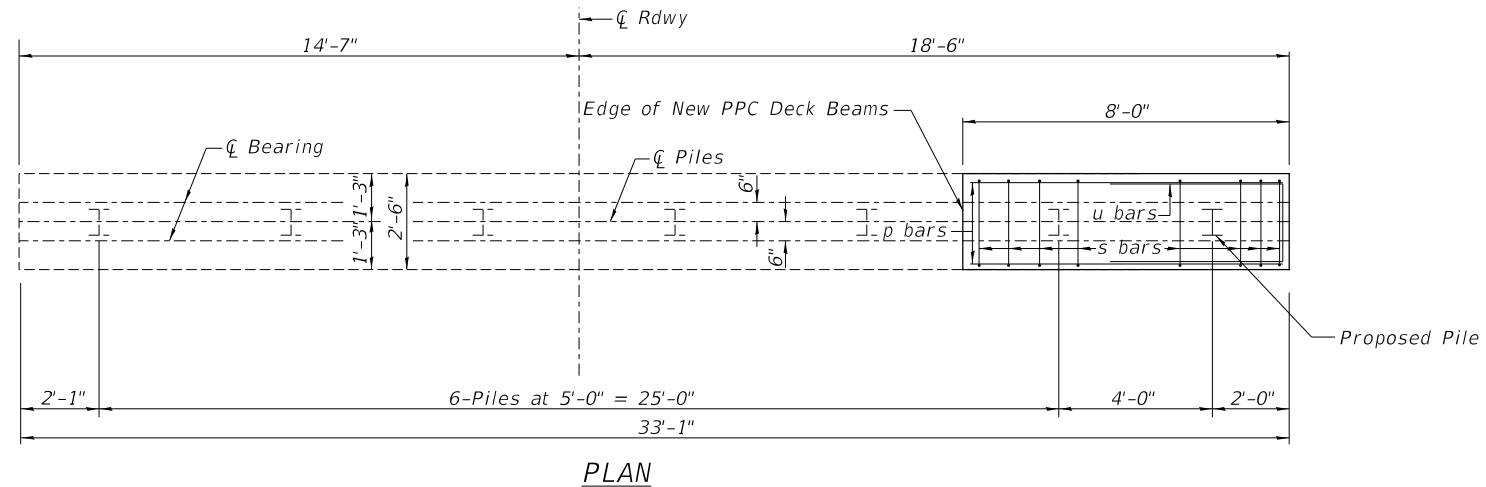
REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ODIN ROAD OVER CROOKED CREEK  
ABUTMENTS**

SCALE: N/A SHEET 7 OF 9 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1793	20-00144-00-BR	MARION	181	34
	SN 061-3221			CONTRACT NO. 97820
		ILLINOIS		



**PIER BILL OF MATERIAL**

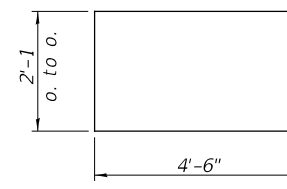
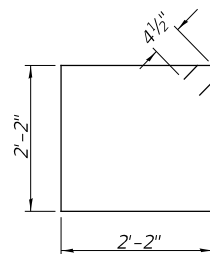
BAR	NO.	SIZE	LENGTH	SHAPE
p	10	#7	7'-8"	—
s	10	#5	9'-5"	□
u	3	#6	11'-1"	□
Concrete Structures			CU YD	1.9
Concrete Encasement			CU YD	1.2
Reinforcement Bars			POUND	310
Furnishing Steel Piles HP10x42			FOOT	40
Driving Piles			FOOT	40

**PILE DATA**

Type & Size: Steel HP10x42  
 Nominal Required Bearing: 335 kips  
 Factored Resistance Available: 184 kips  
 Est. Length: 40'  
 No. Req'd.: 1

**NOTES**

- All edges shall have standard 3/4" chamfer.
- Lap longitudinal reinforcement with the existing longitudinal reinforcement



MODEL: D:\p\p\2023 - CH 9 & CH 11 - HSIP (Mar) (p)\CAD\CADD - Sheets\28-36-4925-001.dgn  
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 2023

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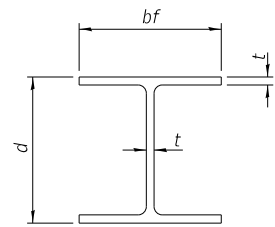
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	DATE - 8/24/2023	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ODIN ROAD OVER CROOKED CREEK  
 PIER**

SCALE: N/A SHEET 8 OF 9 SHEETS

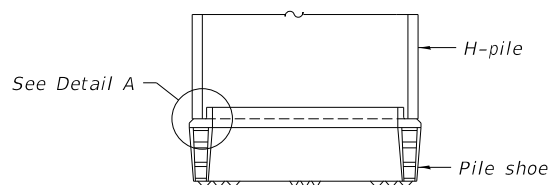
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1793	20-00144-00-BR	MARION	181	35
SN 061-3221			CONTRACT NO. 97820	
ILLINOIS				



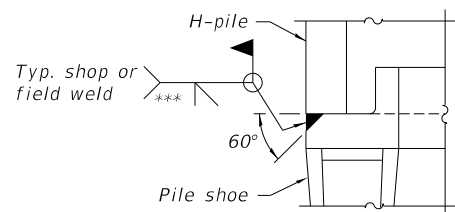
**STEEL PILE TABLE**

Designation	Depth d	Flange width bf	Web and Flange thickness t	Encasement diameter
HP 14x117	14 1/4"	14 7/8"	1 3/16"	30"
x102	14"	14 3/4"	1 1/16"	30"
x89	13 7/8"	14 3/4"	5/8"	30"
x73	13 3/8"	14 5/8"	1/2"	30"
HP 12x84	12 1/4"	12 1/4"	1 1/16"	24"
x74	12 1/8"	12 1/4"	5/8"	24"
x63	12"	12 1/8"	1/2"	24"
x53	11 3/4"	12"	7/16"	24"
HP 10x57	10"	10 1/4"	9/16"	24"
x42	9 3/4"	10 1/8"	7/16"	24"
HP 8x36	8"	8 1/8"	7/16"	18"

Note:  
The steel H-piles shall be according to AASHTO M270 Grade 50.



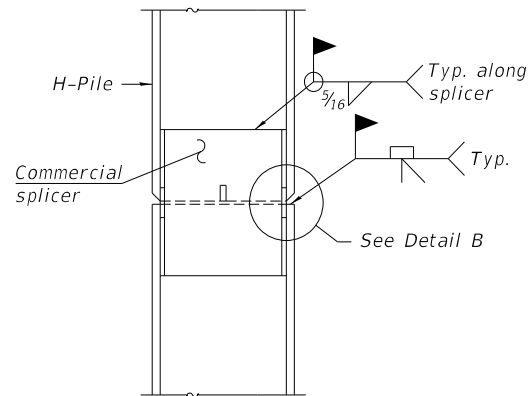
**ELEVATION**



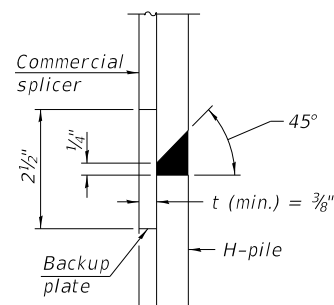
**DETAIL A**

**SHOE ATTACHMENT**

Note:  
The steel H-piles shall be according to AASHTO M270 Grade 50.

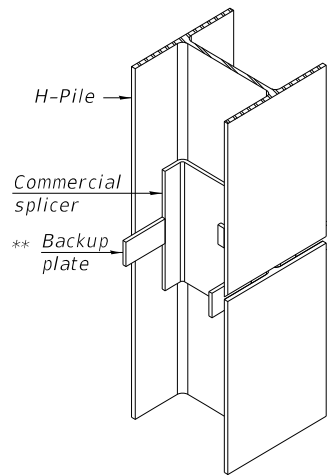


**ELEVATION**

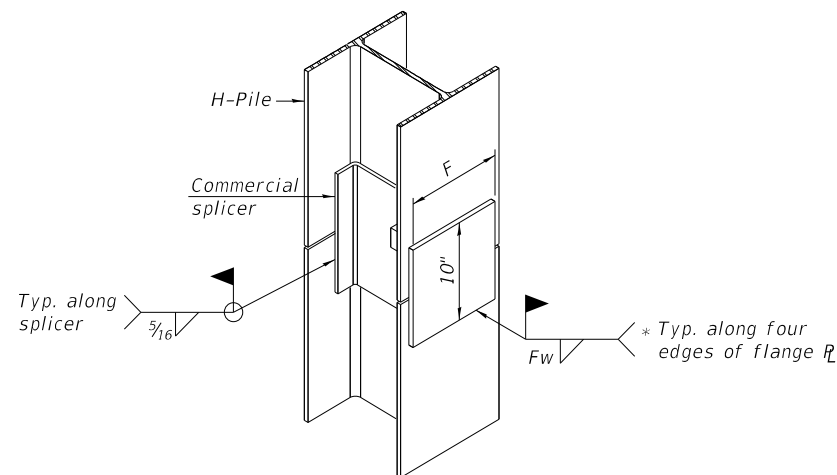


**DETAIL "B"**

**WELDED COMMERCIAL SPLICE**



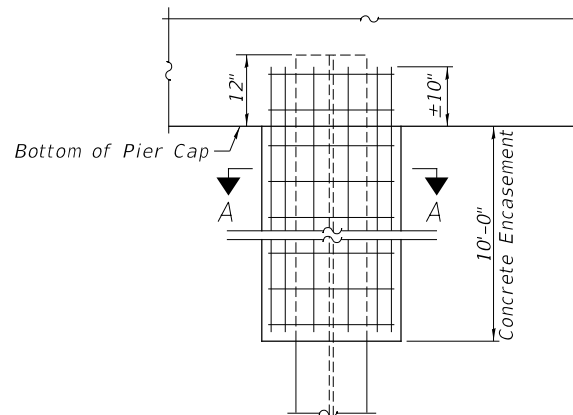
**ISOMETRIC VIEW**



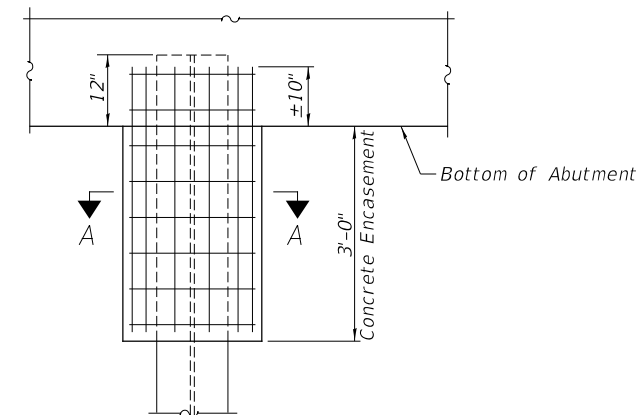
**ISOMETRIC VIEW**

**WELDED COMMERCIAL SPLICE ALTERNATE**

\* Interrupt welds 1/4" from end of web and/or each flange.  
\*\* Remove portions of backup plates that extend outside the flanges.  
\*\*\* Weld size per pile shoe manufacture (5/16" min.)

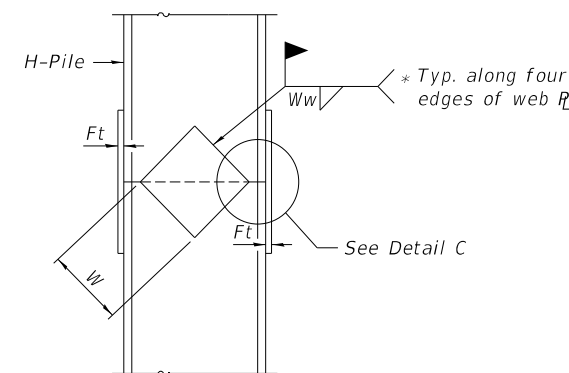


**PIER ELEVATION**

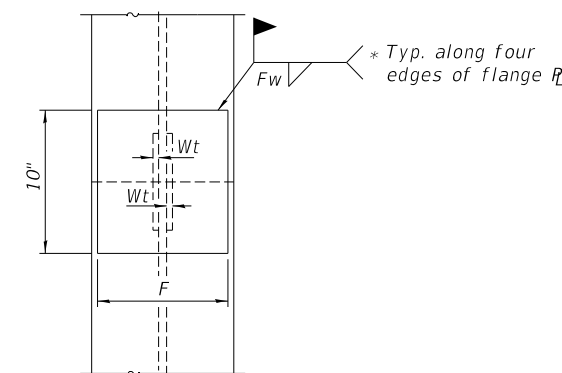


**ABUTMENT ELEVATION**

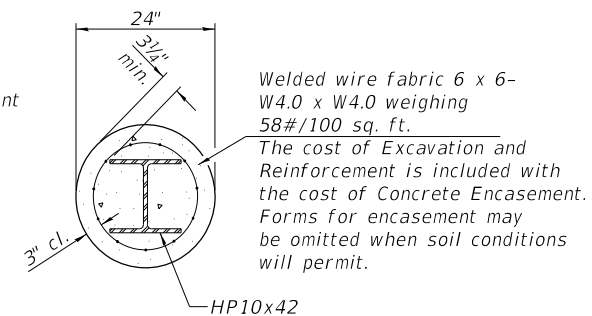
**PILE ENCASEMENT**



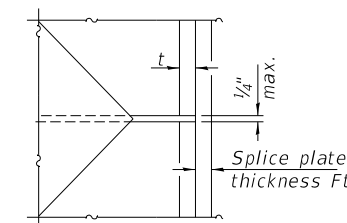
**ELEVATION**



**END VIEW**



**SECTION A-A**

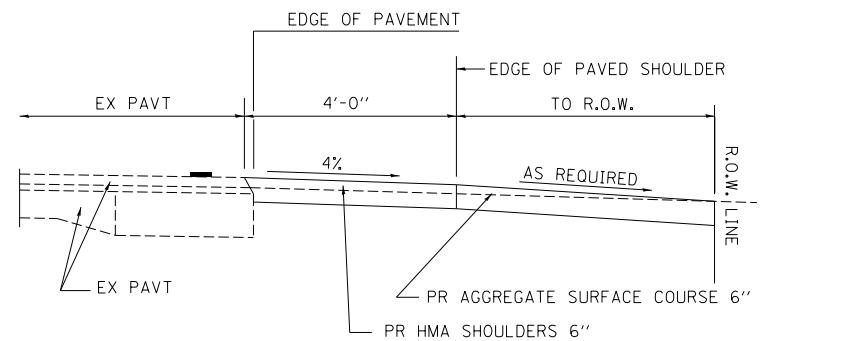


**DETAIL C**

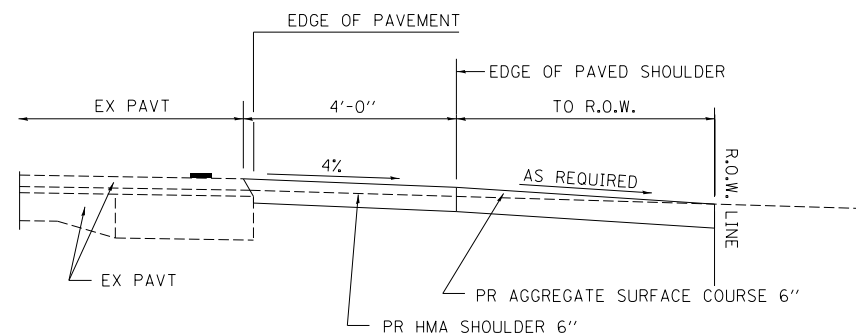
**WELDED PLATE FIELD SPLICE**

Designation	F	Ft	Fw	W	Wt	Ww
HP 14x117	12 1/2"	1"	7/8"	7 3/4"	5/8"	1/2"
x102	12 1/2"	7/8"	3/4"	7 3/4"	5/8"	1/2"
x89	12 1/2"	3/4"	1 1/16"	7 3/4"	5/8"	1/2"
x73	12 1/2"	5/8"	9/16"	7 3/4"	5/8"	1/2"
HP 12x84	10"	7/8"	1 1/16"	6 1/2"	5/8"	1/2"
x74	10"	7/8"	1 1/16"	6 1/2"	5/8"	1/2"
x63	10"	5/8"	1/2"	6 1/2"	1/2"	3/8"
x53	10"	5/8"	1/2"	6 1/2"	1/2"	3/8"
HP 10x57	8"	3/4"	9/16"	5 1/4"	1/2"	3/8"
x42	8"	5/8"	9/16"	5 1/4"	1/2"	3/8"
HP 8x36	7"	5/8"	7/16"	4 1/4"	1/2"	3/8"

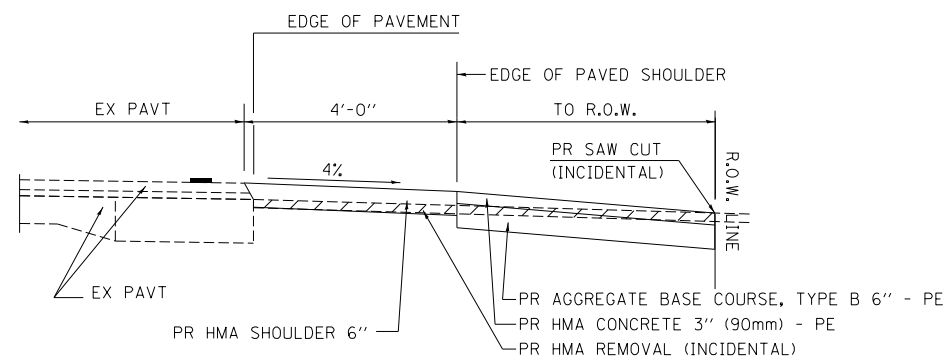
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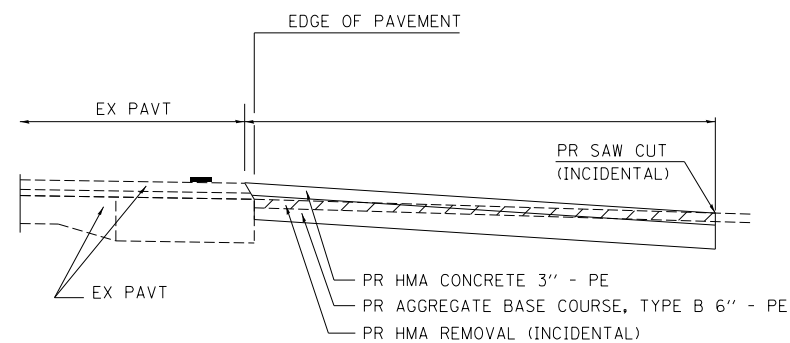
**SECTION A-A FOR EX EARTH/AGGREGATE PE**



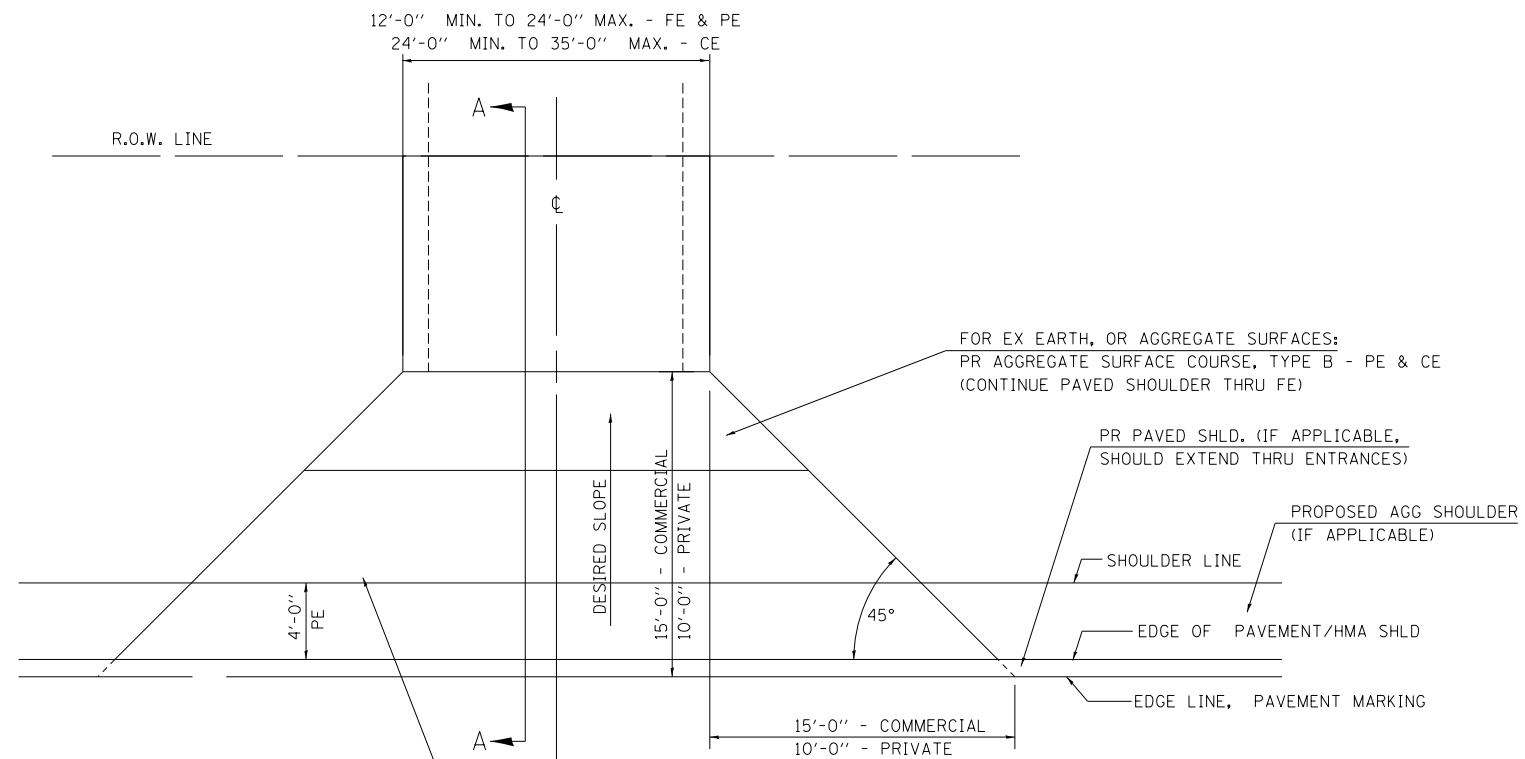
**SECTION A-A FOR EX EARTH/AGGREGATE CE & SIDE ROAD**



**SECTION A-A FOR EX HMA PE & CE**



**SECTION A-A FOR EX HMA SIDE ROAD**



FOR EX EARTH OR AGGREGATE SURFACES:  
 PR HMA SURFACE REMOVAL (IF APPLICABLE)  
 PR PAVED SHOULDER THRU - FE  
 PR HMA CONCRETE 6" - PE  
 PR HMA CONCRETE 8" - CE

FOR EX HMA CONCRETE SURFACES:  
 PR HMA SURFACE REMOVAL - BUTT JOINT

**GENERAL NOTES:**

THE RESIDENT ENGINEER WILL DETERMINE THE EXACT TYPE OF IMPROVEMENT TO BE COMPLETED FOR ALL ENTRANCES AND SIDEROADS ON THIS PROJECT.

THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

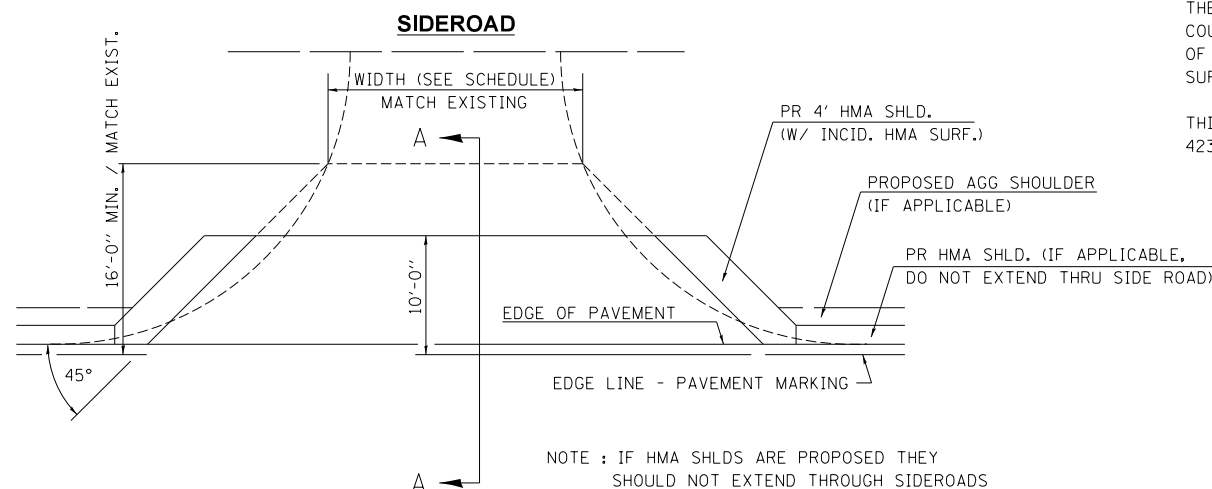
ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

HMA CONCRETE REQUIRED TO CONSTRUCT THE ENTRANCES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 406 AND 408 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

WHEN THE HMA CONCRETE PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 3 INCHES (75 mm) AND REQUIRE PLACEMENT IN MORE THAN ONE LIFT. THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF HMA BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 2 INCHES (50 mm) SHALL MEET THE REQUIREMENTS OF HMA CONCRETE SURFACE COURSE.

THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH SECTIONS 351, 358, 408, 423 AND 440 OF THE STANDARD SPECIFICATIONS.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.



NOTE : IF HMA SHLDS ARE PROPOSED THEY SHOULD NOT EXTEND THROUGH SIDEROADS

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**GREEN STREET DETAIL FOR RURAL/URBAN  
 ENTRANCES & SIDEROADS**

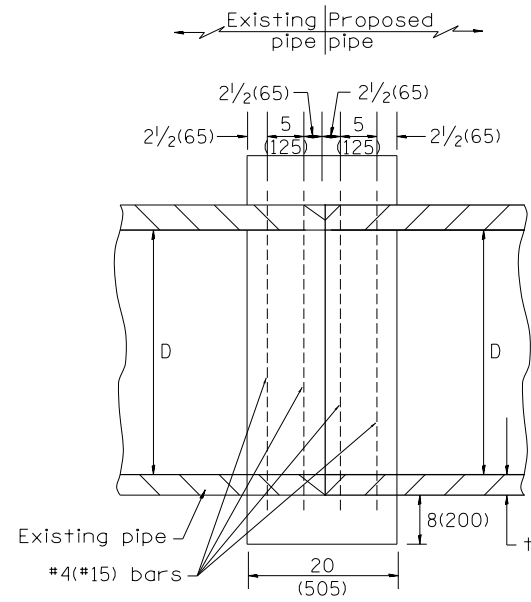
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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* F.A.S. 792 & 1793 & F.A.U. 8591		CONTRACT NO. 97820		
ILLINOIS		FED. AID PROJECT		

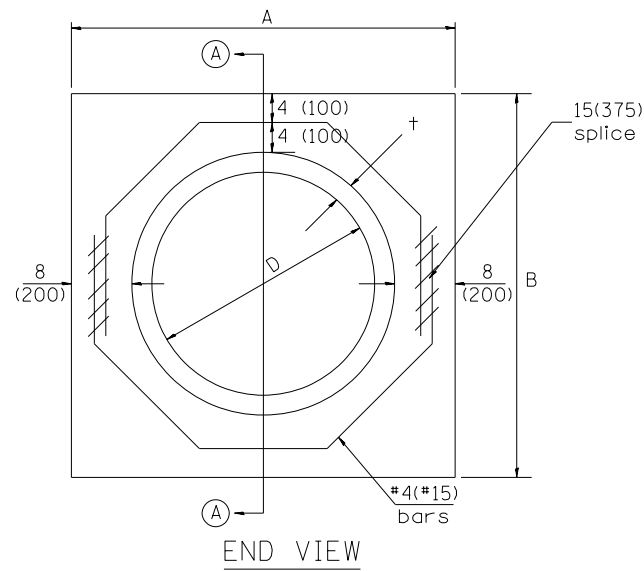
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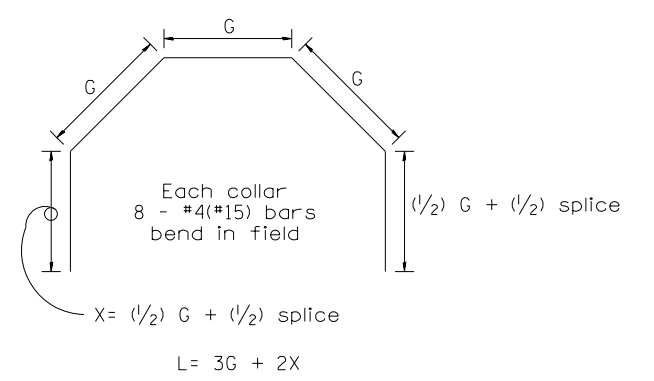
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PLOT DATE = 10/23/2023	CHECKED - CMB	REVISED -
JOB# 4925	DATE - 07/2023	REVISED -



SECTION A - A



END VIEW



Each Collar									
					Reinforcement Bars				
D	t	A	B	CL. SI CONC.	G	X	L	Weight	
in (mm)	in (mm)	ft (m)	ft (m)	cu. yd. (m <sup>3</sup> )	in (mm)	in (mm)	ft (m)	lb (kg)	
12 (300)	2.00 (51)	2.67 (0.814)	2.67 (0.814)	0.4 (0.270)	9 <sup>15</sup> / <sub>16</sub> (253)	12 <sup>7</sup> / <sub>16</sub> (317)	4.57 (1.393)	24 (11)	
15 (375)	2.25 (57)	2.96 (0.902)	2.96 (0.902)	0.4 (0.315)	11 <sup>3</sup> / <sub>8</sub> (290)	13 <sup>3</sup> / <sub>16</sub> (335)	5.05 (1.541)	27 (12)	
18 (450)	2.50 (64)	3.25 (0.991)	3.25 (0.991)	0.5 (0.362)	12 <sup>13</sup> / <sub>16</sub> (327)	13 <sup>7</sup> / <sub>8</sub> (354)	5.54 (1.689)	30 (14)	
21 (525)	2.75 (70)	3.54 (1.079)	3.54 (1.079)	0.5 (0.411)	14 <sup>1</sup> / <sub>4</sub> (364)	14 <sup>5</sup> / <sub>8</sub> (372)	6.02 (1.836)	32 (15)	
24 (600)	3.00 (76)	3.83 (1.167)	3.84 (1.167)	0.6 (0.460)	15 <sup>11</sup> / <sub>16</sub> (401)	15 <sup>5</sup> / <sub>16</sub> (391)	6.51 (1.984)	35 (16)	
27 (675)	3.25 (83)	4.13 (1.259)	4.13 (1.259)	0.7 (0.516)	17 <sup>1</sup> / <sub>4</sub> (438)	16 <sup>1</sup> / <sub>16</sub> (409)	6.99 (2.131)	37 (17)	
30 (750)	3.50 (89)	4.42 (1.347)	4.42 (1.347)	0.7 (0.570)	18 <sup>11</sup> / <sub>16</sub> (475)	16 <sup>3</sup> / <sub>4</sub> (428)	7.48 (2.279)	40 (18)	
33 (825)	3.75 (95)	4.71 (1.436)	4.71 (1.436)	0.8 (0.624)	20 <sup>1</sup> / <sub>8</sub> (512)	17 <sup>1</sup> / <sub>2</sub> (446)	7.96 (2.426)	43 (19)	
36 (900)	4.00 (102)	5.00 (1.524)	5.00 (1.524)	0.9 (0.682)	21 <sup>9</sup> / <sub>16</sub> (549)	18 <sup>3</sup> / <sub>16</sub> (465)	8.44 (2.574)	45 (20)	
42 (1050)	4.50 (114)	5.58 (1.701)	5.58 (1.701)	1.0 (.800)	24 <sup>7</sup> / <sub>16</sub> (622)	19 <sup>3</sup> / <sub>4</sub> (501)	9.41 (2.869)	50 (23)	
48 (1200)	5.00 (127)	6.17 (1.881)	6.17 (1.881)	1.2 (0.930)	27 <sup>5</sup> / <sub>16</sub> (696)	21 <sup>3</sup> / <sub>16</sub> (538)	10.38 (3.164)	55 (25)	

GENERAL NOTES

1. THE COLLAR SHALL BE CONSTRUCTED ENTIRELY OF CLASS SI CONCRETE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 503 OF THE STANDARD SPECIFICATIONS. REINFORCEMENT BARS SHALL CONFORM TO SECTION 508.
2. This work shall be paid for by the cubic yard (cubic meter) for CONCRETE COLLAR and by the pound (kg) for REINFORCEMENT BARS.

QUANTITIES	
CALC. BY: R. J. D.	2-2-98
CHECKED BY: R. D. H.	2-6-98
	DATE:
QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION	

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

MODEL: Defaul... FILE NAME: 201925 - CH 9 & CH 11 HSIP (Marion)CAD/CADD Sheets/38-4925-rh\_cd\_2225.dgn

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

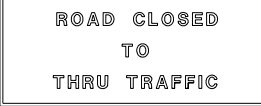





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	DATE - 07/2023	REVISED -

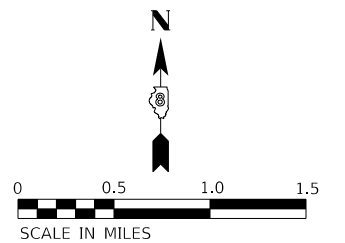
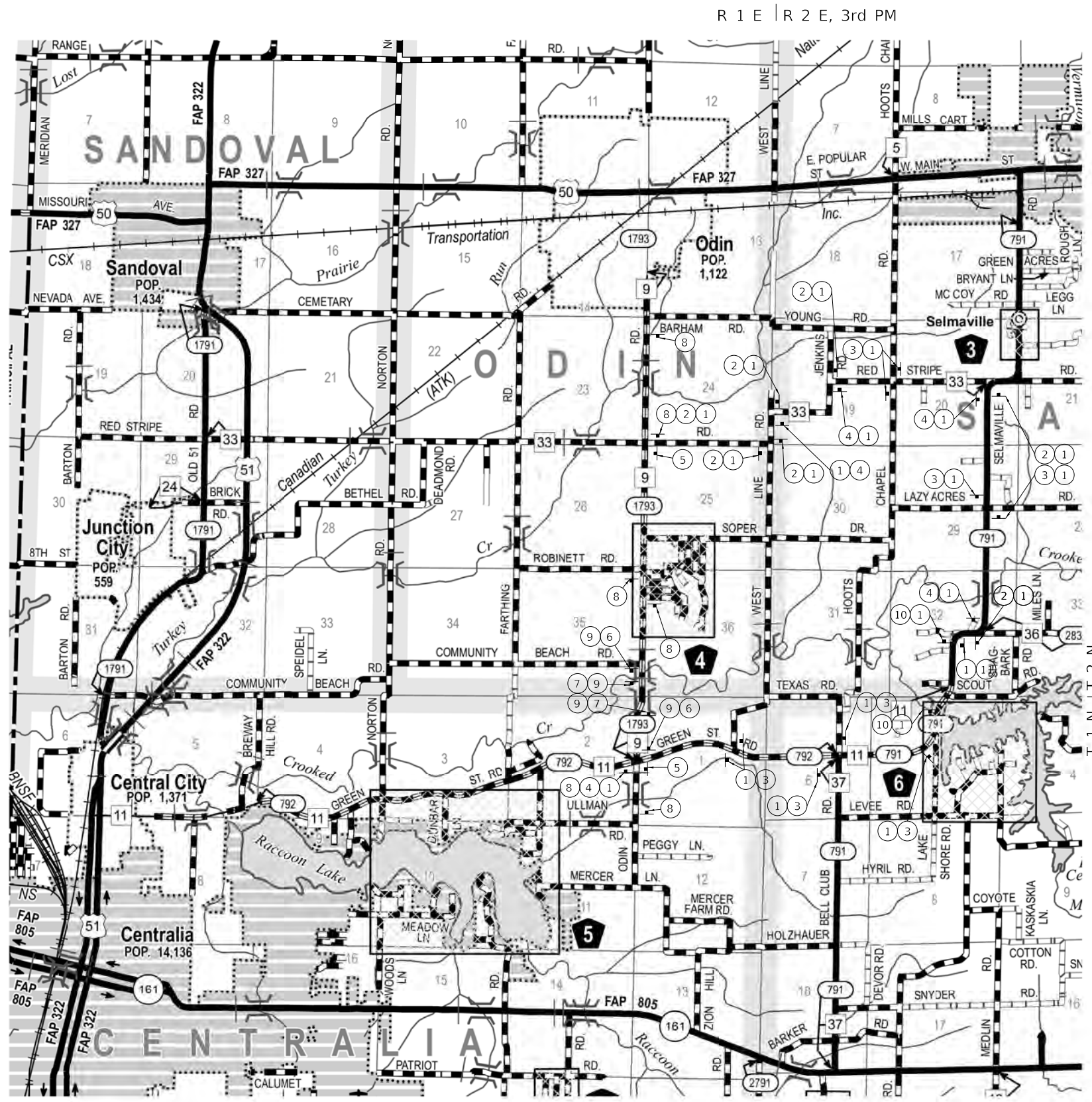
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**GREEN STREET**  
**PIPE CULVERT EXTENSION COLLAR (WITHOUT END SECTION)**  
 SCALE: N/A SHEET 1 OF 1 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	38
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS FED. AID PROJECT				

**SIGN LEGEND**

- 1  M4-8  
(24 REQ'D)
- 2  M5-1 L  
(7 REQ'D)
- 3  M6-3  
(9 REQ'D)
- 4  M5-1 R  
(5 REQ'D)
- 5  M4-8A  
(2 REQ'D)
- 6  R11-4  
(2 REQ'D)
- 7  R11-2  
(2 REQ'D)
- 8  W20-3, 48" x 48"  
WITH AMBER FLASHING  
LIGHT AND FLAG.  
(6 REQ'D)
- 9  TYPE III BARRICADES  
(4 REQ'D)
- 10  M6-1 R  
(2 REQ'D)
- 11  M6-1 L  
(1 REQ'D)



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 2023



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PLOT SCALE = 2,000' / in.	DRAWN - JCW	REVISED -
PLOT DATE = 10/30/2023	CHECKED - CMB	REVISED -
	DATE - 8-21-2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ODIEN ROAD & GREEN STREET  
DETOUR PLAN**

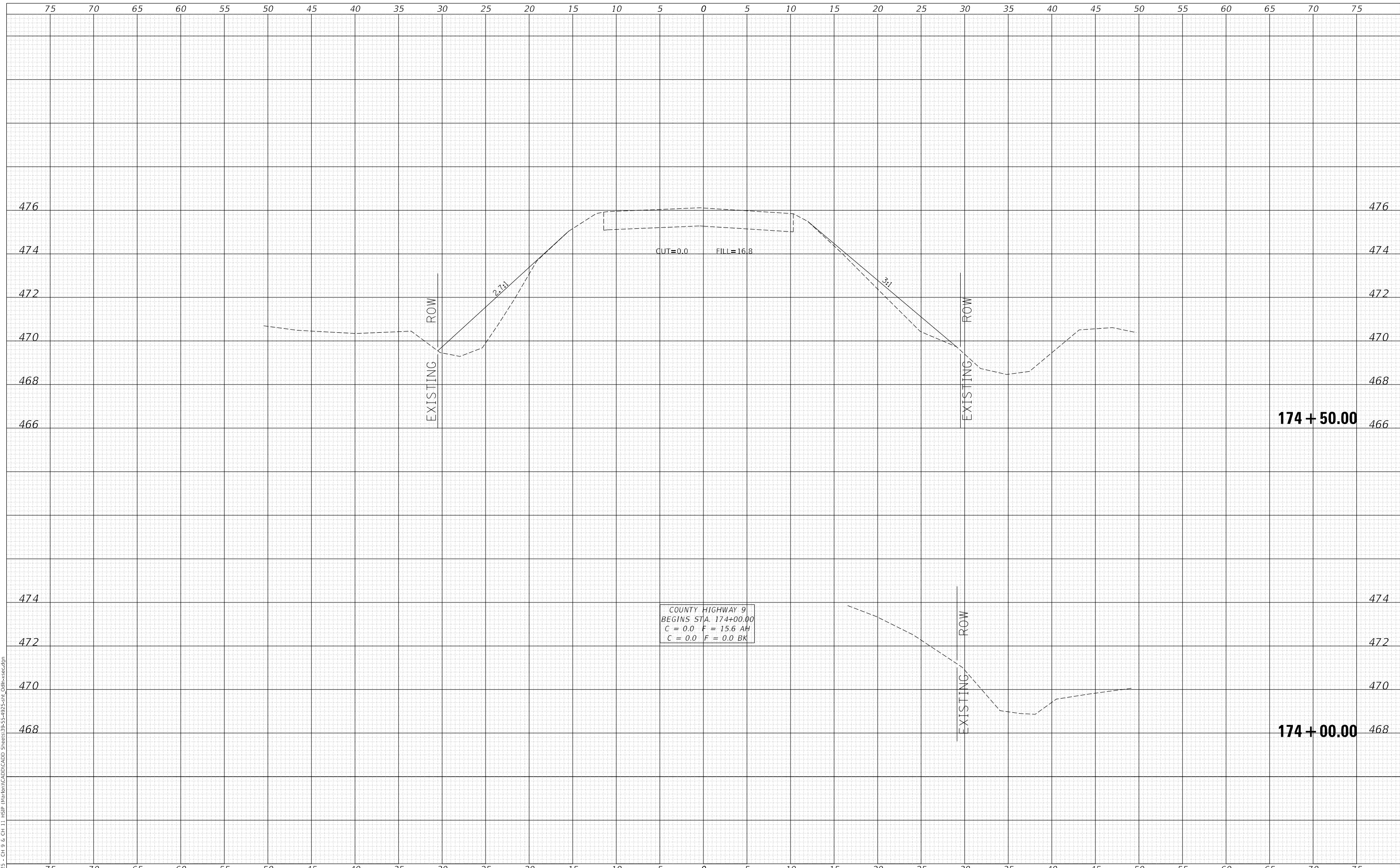
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* F.A.S. 792 & 1793 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY NO.	
NOTE BOOK NO.	
AREAS CHECKED	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY NO.	
NOTE BOOK NO.	
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COUNTY HIGHWAY 9  
 BEGINS STA. 174+00.00  
 C = 0.0 F = 15.6 AH  
 C = 0.0 F = 0.0 BK

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 PLOT DATE = 10/23/2023

DESIGNED - AWM  
 DRAWN - HRC  
 CHECKED - CMB  
 DATE - 8-2-2022

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 9 - ODIN ROAD  
 CROSS SECTIONS**

SCALE: 1"=5'H, 2'V SHEET 1 OF 17 SHEETS STA. 174+00.00 TO STA. 174+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1793	20-00144-00-5P	MARION	181	40
				97820

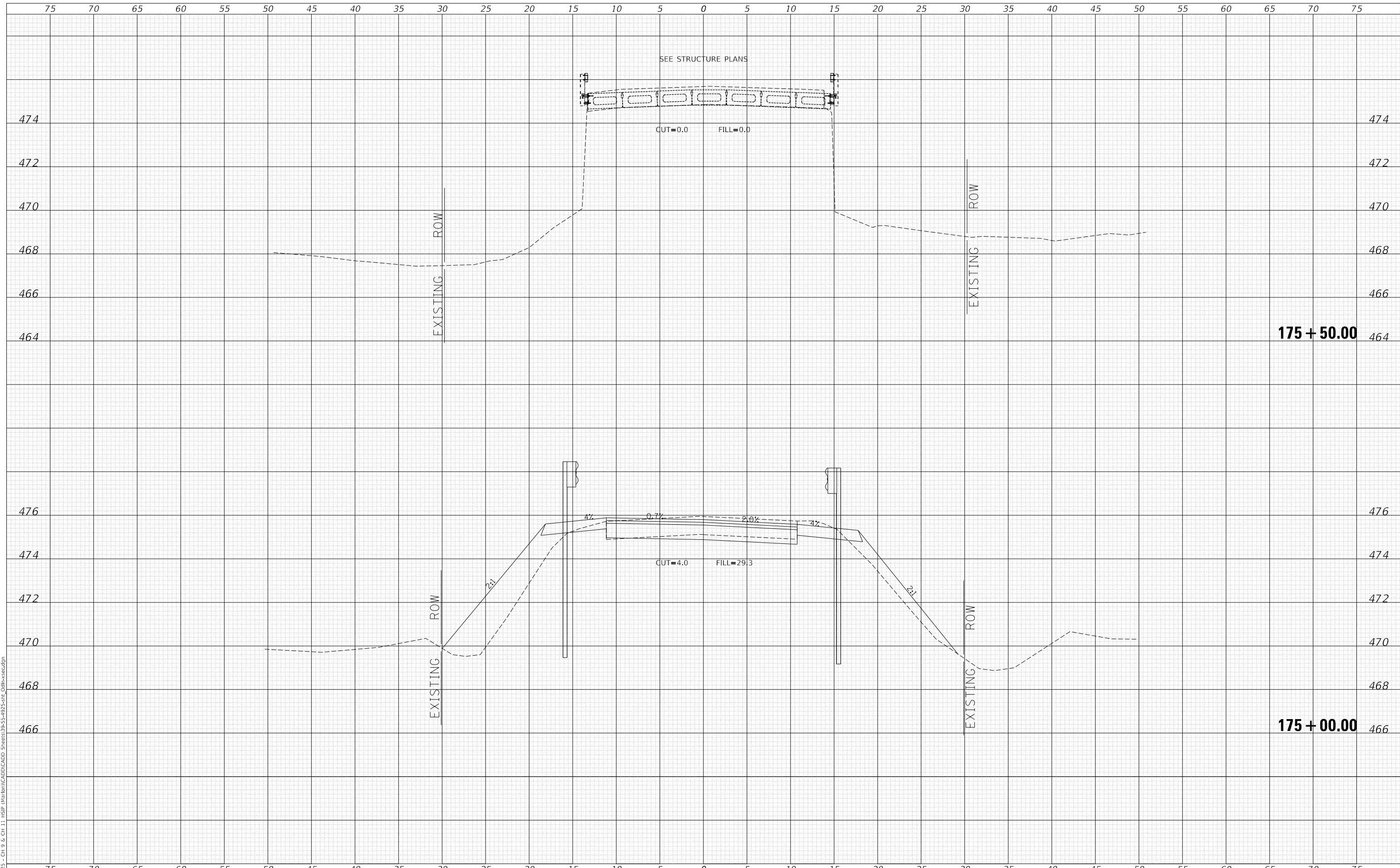
ILLINOIS FED. AID PROJECT



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
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FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
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	DRAWN - HRC	REVISD -
PLOT SCALE = 10.0000 ' / in.	CHECKED - CMB	REVISD -
PLOT DATE = 10/23/2023	DATE - 8-2-2022	REVISD -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 9 - ODIN ROAD  
 CROSS SECTIONS**

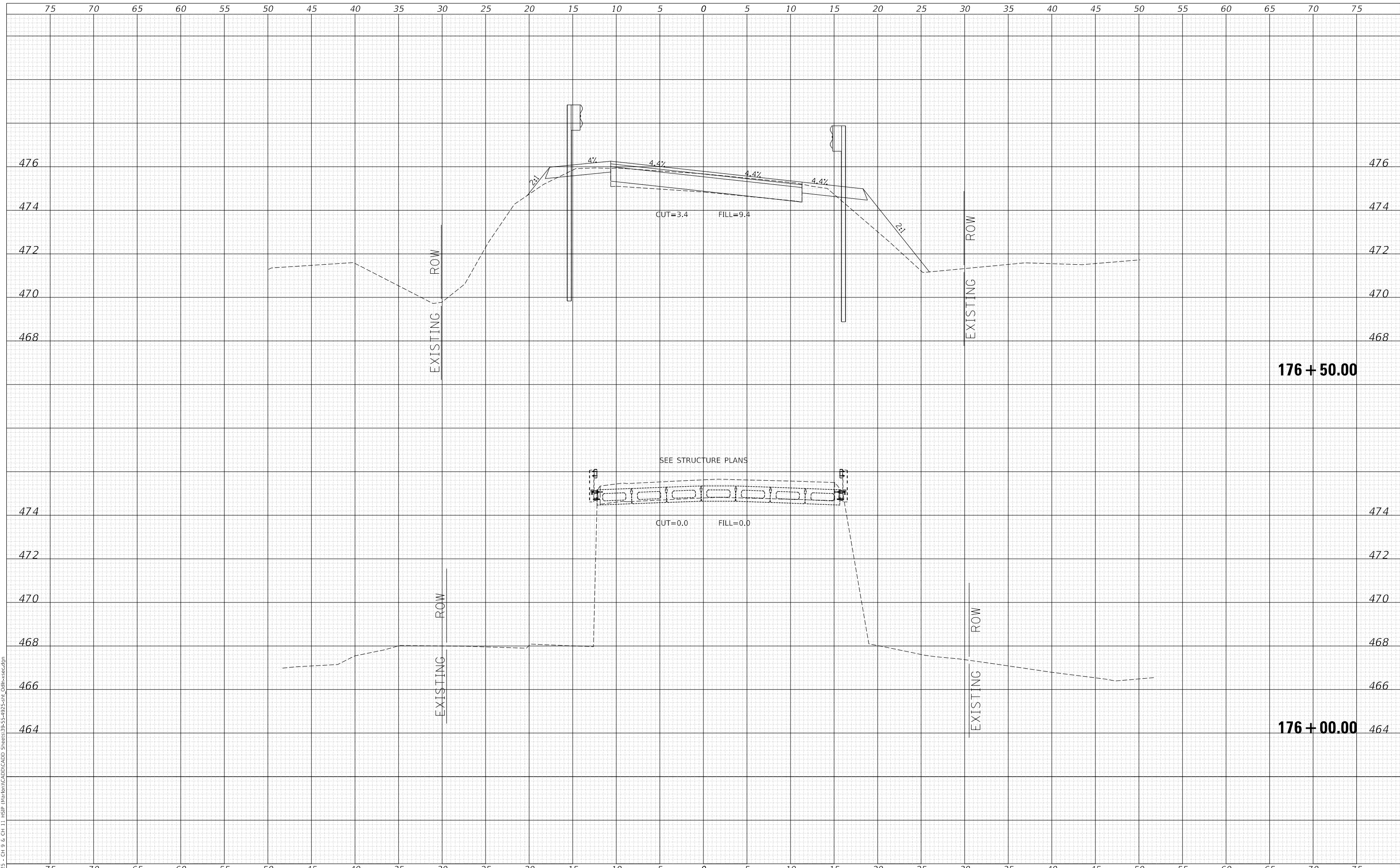
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1793	20-00144-00-5P	MARION	181	41
CONTRACT NO. 97820				
ILLINOIS		FED. AID PROJECT		

DATE	
BY	
FINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY NO.	
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PLOTTED	
TEMPLATE	
AREAS CHECKED	
NOTE BOOK	
AREAS CHECKED	

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USER NAME	= jwhite
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DRAWN	- HRC
CHECKED	- CMB
DATE	- 8-2-2022
REVISIONS	
REVISOR	
REVISION	
DATE	

DESIGNED	- AWM
DRAWN	- HRC
CHECKED	- CMB
DATE	- 8-2-2022
REVISIONS	
REVISOR	
REVISION	
DATE	

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 9 - ODIN ROAD  
 CROSS SECTIONS**

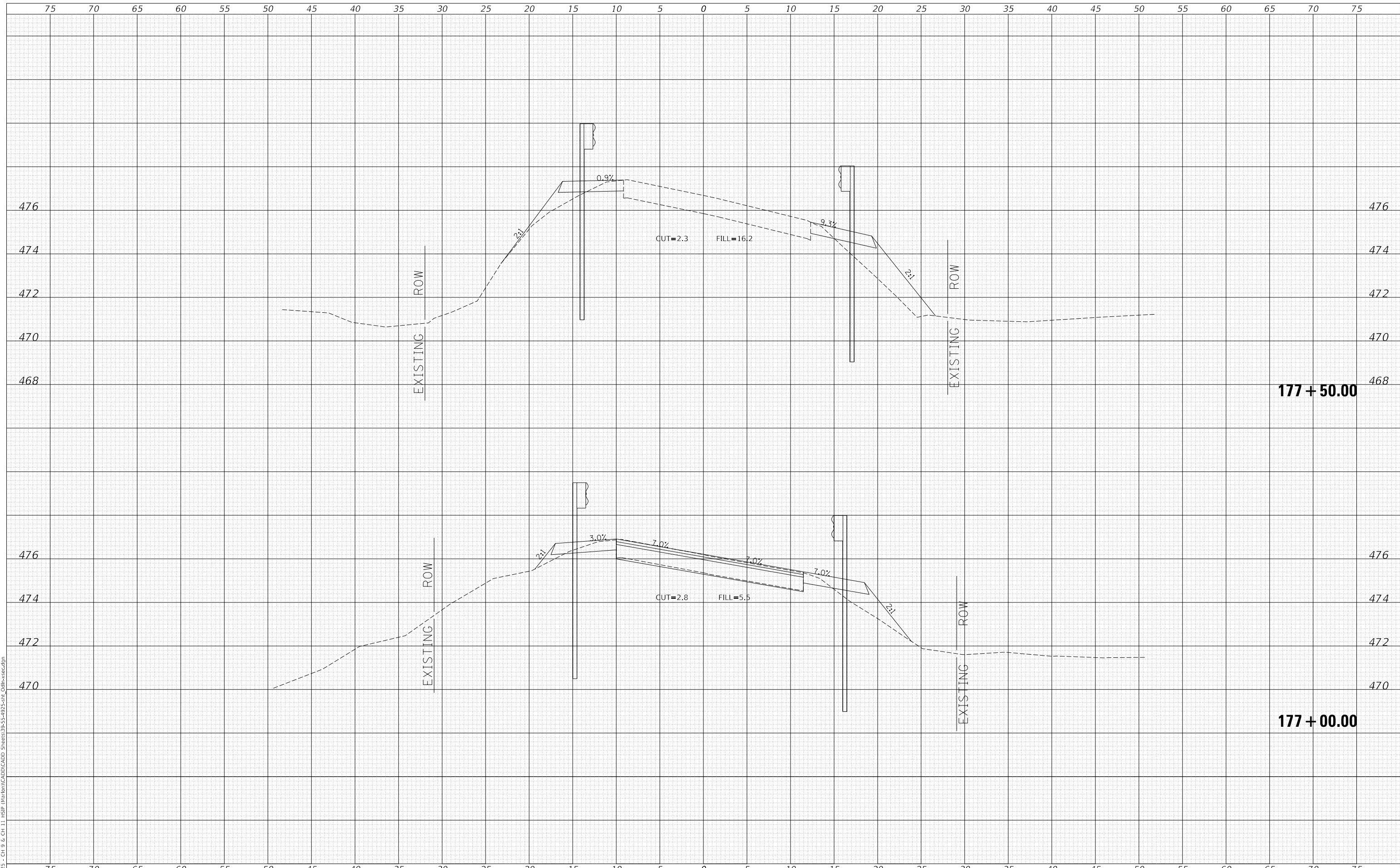
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1793	20-00144-00-5P	MARION	181	42
CONTRACT NO.			97820	
ILLINOIS		FED. AID PROJECT		

DATE	
BY	
SURVEYED	
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FINAL SURVEY	
NOTE BOOK	
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DATE	
BY	
SURVEYED	
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NOTE BOOK	
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 PLOT DATE = 10/23/2023

DESIGNED - AWM  
 DRAWN - HRC  
 CHECKED - CMB  
 DATE - 8-2-2022

REVISED -  
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 REVISED -

**STATE OF ILLINOIS  
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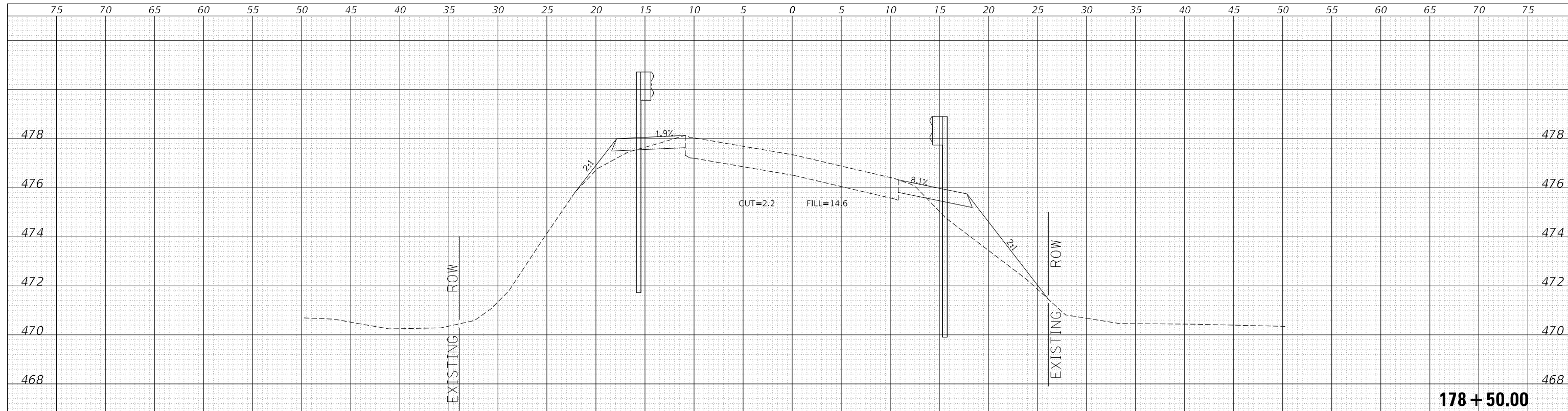
**COUNTY HIGHWAY 9 - ODIN ROAD  
 CROSS SECTIONS**

SCALE: 1"=5'H, 2'V SHEET 4 OF 17 SHEETS STA. 177+00.00 TO STA. 177+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1793	20-00144-00-5P	MARION	181	43
CONTRACT NO. 97820				

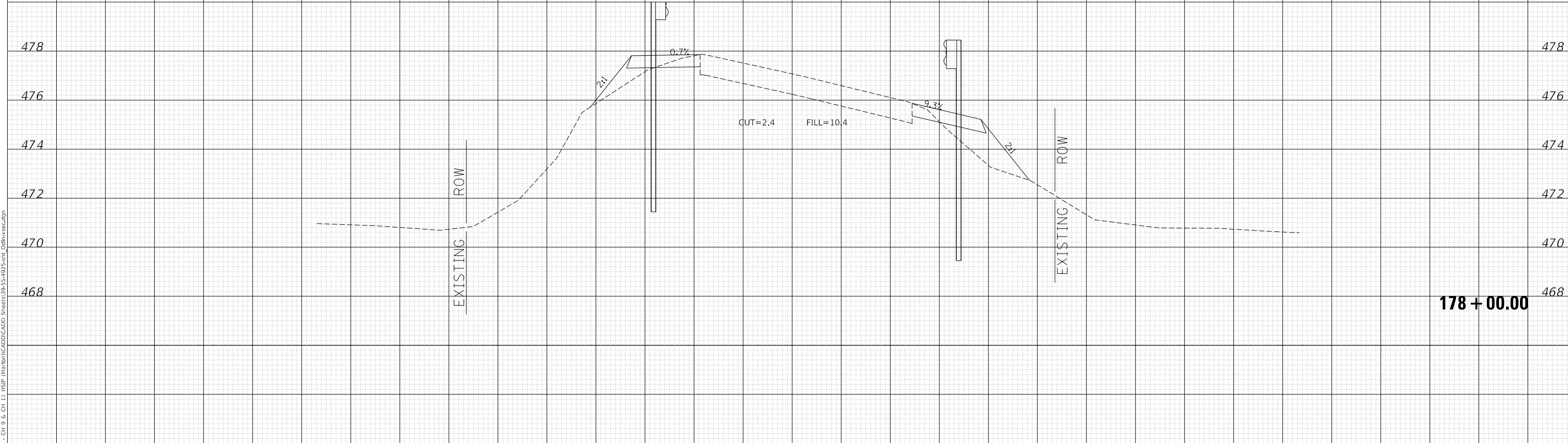
ILLINOIS FED. AID PROJECT

DATE	
BY	
FINAL SURVEY NO.	
SURVEYED	
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TEMPLATE	
NOTE BOOK	
AREAS CHECKED	



**178 + 50.00**

DATE	
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ORIGINAL SURVEY NO.	
SURVEYED	
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TEMPLATE	
NOTE BOOK	
AREAS CHECKED	



**178 + 00.00**

MODEL: Definit  
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 2023

USER NAME = jwhite	DESIGNED - AWM	REVISED -
	DRAWN - HRC	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - CMB	REVISED -
PLOT DATE = 10/23/2023	DATE - 8-2-2022	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

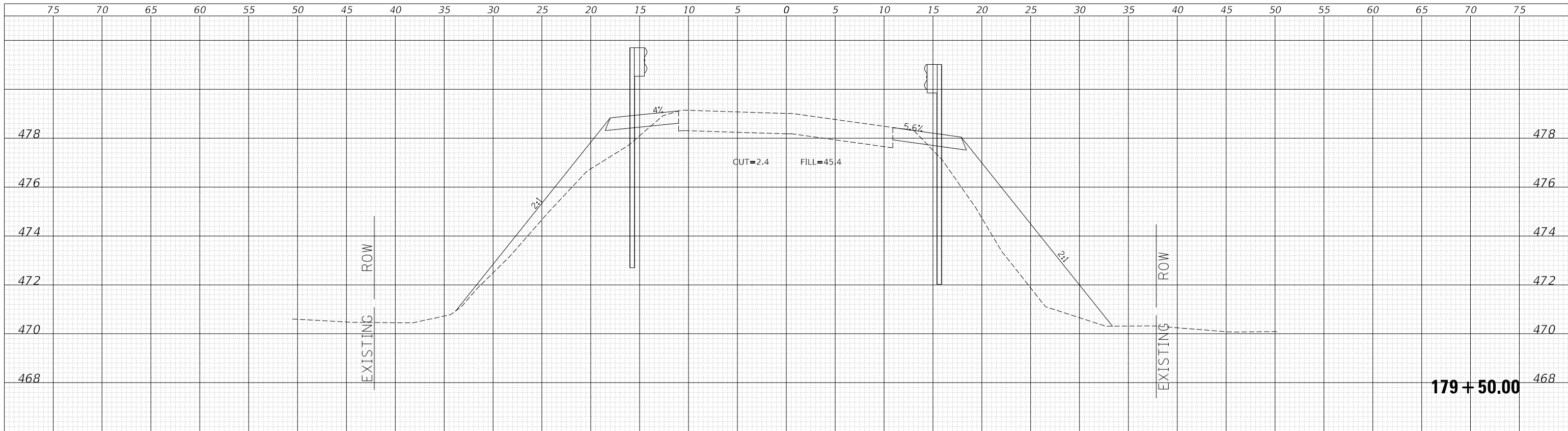
**COUNTY HIGHWAY 9 - ODIN ROAD  
 CROSS SECTIONS**

SCALE: 1"=5'H, 2'V SHEET 5 OF 17 SHEETS STA. 178+00.00 TO STA. 178+50.00

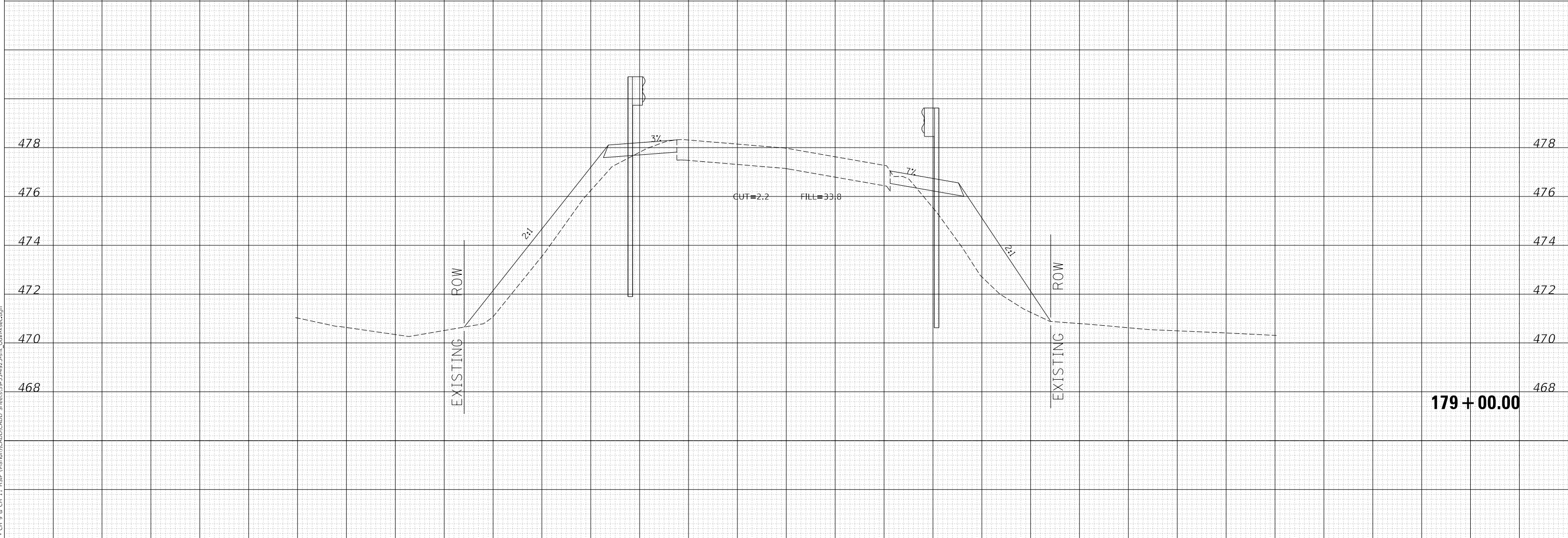
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1793	20-00144-00-5P	MARION	181	44
CONTRACT NO. 97820				

ILLINOIS FED. AID PROJECT

DATE	
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TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
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DATE	
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TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
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USER NAME = jwhite  
PLOT SCALE = 10.0000 ' / in.  
PLOT DATE = 10/23/2023

DESIGNED - AWM  
DRAWN - HRC  
CHECKED - CMB  
DATE - 8-2-2022

REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 9 - ODIN ROAD  
CROSS SECTIONS**

SCALE: 1"=5'H, 2'V SHEET 6 OF 17 SHEETS STA. 179+00.00 TO STA. 179+50.00

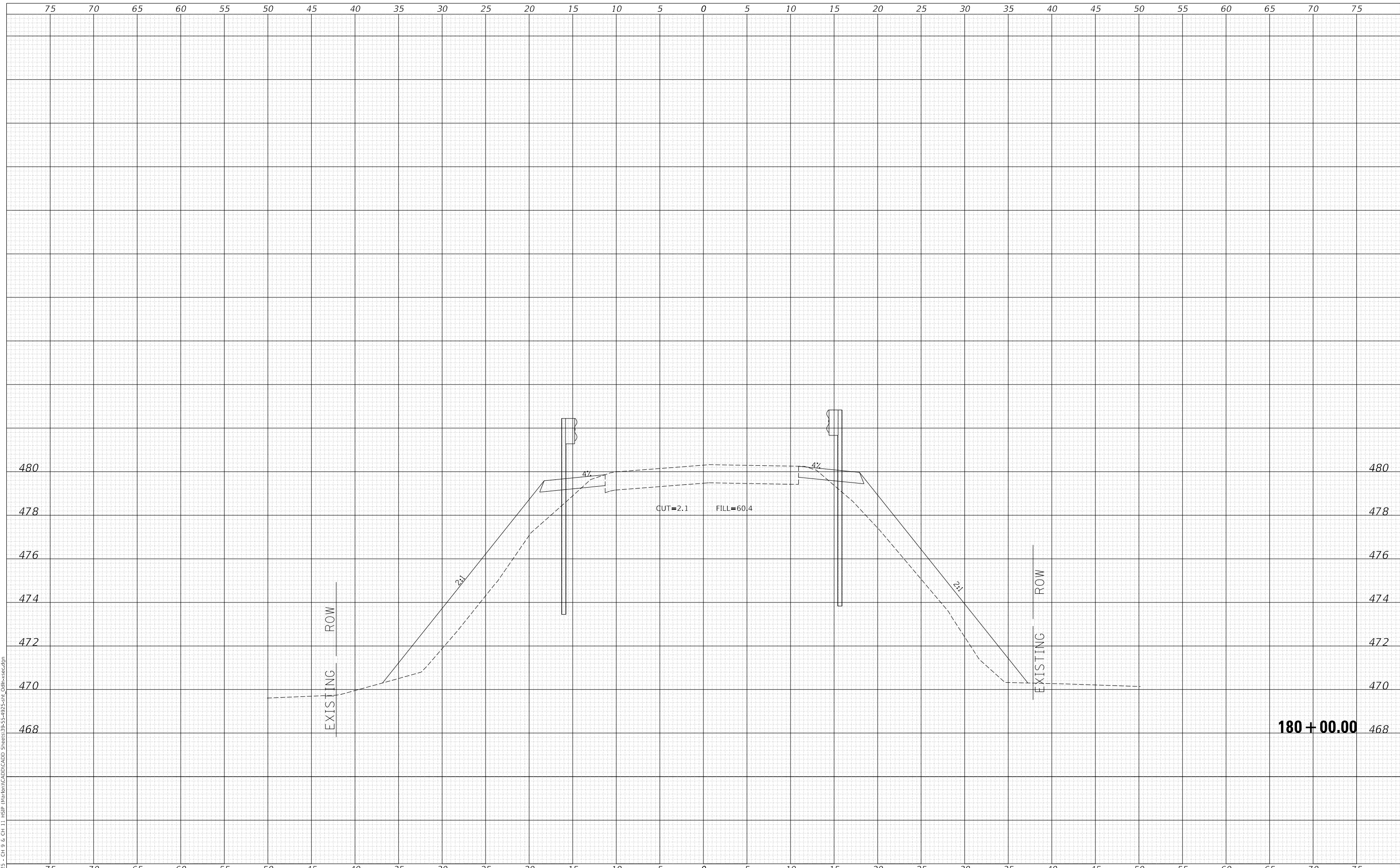
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1793	20-00144-00-5P	MARION	181	45
CONTRACT NO. 97820				

ILLINOIS FED. AID PROJECT

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AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
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AREAS CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
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**180 + 00.00**

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USER NAME	= jwhite
PLOT SCALE	= 10.0000 ' / in.
PLOT DATE	= 10/23/2023

DESIGNED	- AWM
DRAWN	- HRC
CHECKED	- CMB
DATE	- 8-2-2022

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REVISED	-
REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 9 - ODIN ROAD  
 CROSS SECTIONS**

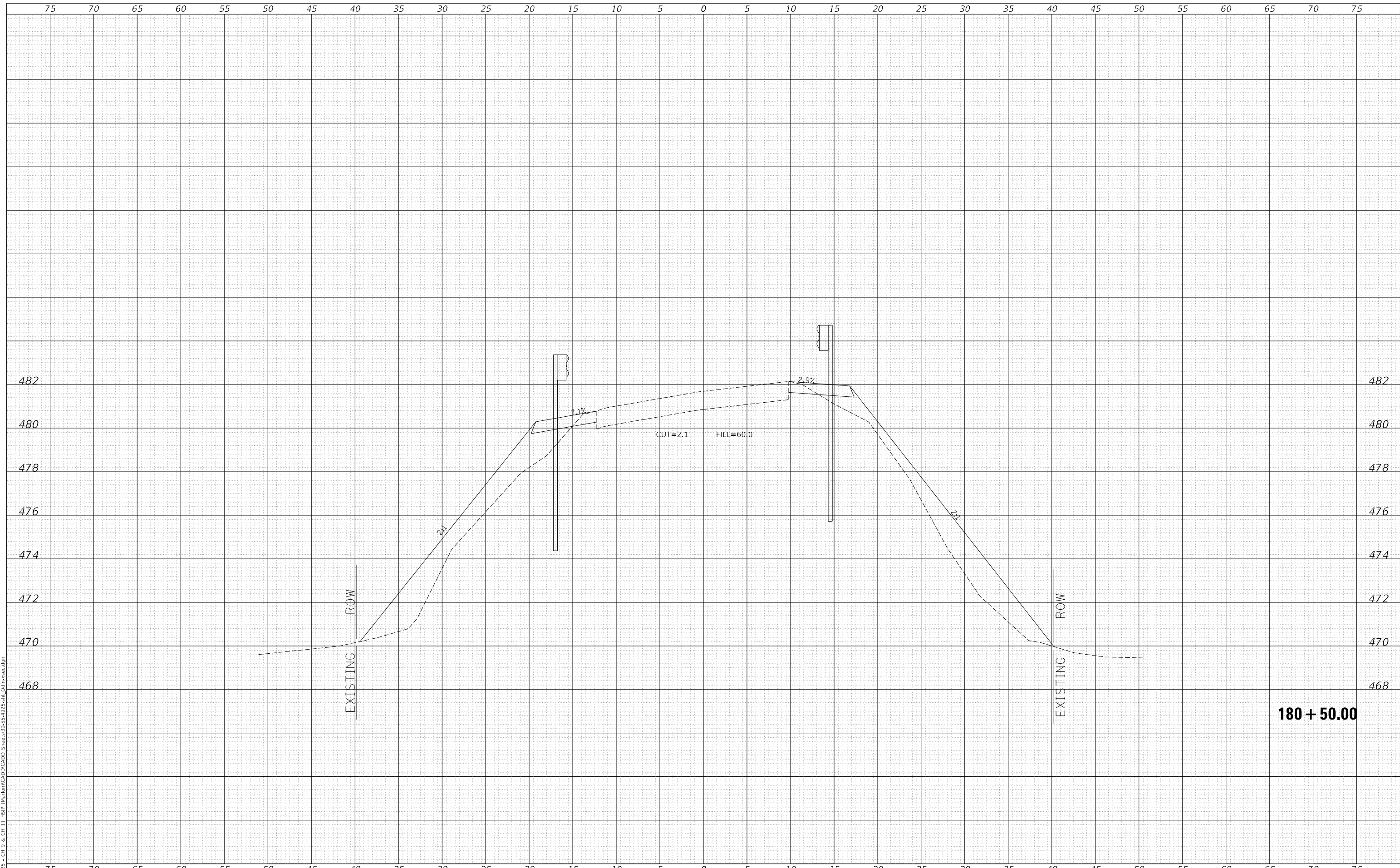
SCALE: 1"=5'H, 2'V SHEET 7 OF 17 SHEETS STA. 180+00.00 TO STA. 180+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1793	20-00144-00-5P	MARION	181	46
CONTRACT NO.			97820	
ILLINOIS		FED. AID PROJECT		

DATE	
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SURVEYED	
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TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
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SURVEYED	
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TEMPLATE	
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ORIGINAL SURVEY	
NOTE BOOK	
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MODEL: Definit  
 FILE NAME: V:\1925 - Ch 9 & Ch 11 HSIP Maribon\CADD\CADD - Sheets\39-55-4925-501\_Cdlfr-xsec.dgn  
 2023



**180 + 50.00**

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 Illinois Professional Design Firm No. 184-000825

USER NAME	= jwhite
PLOT SCALE	= 10.0000 ' / in.
PLOT DATE	= 10/23/2023

DESIGNED	- AWM
DRAWN	- HRC
CHECKED	- CMB
DATE	- 8-2-2022

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REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 9 - ODIN ROAD  
 CROSS SECTIONS**

SCALE: 1"=5'H, 2'V SHEET 8 OF 17 SHEETS STA. 180+50.00 TO STA. 180+50.00

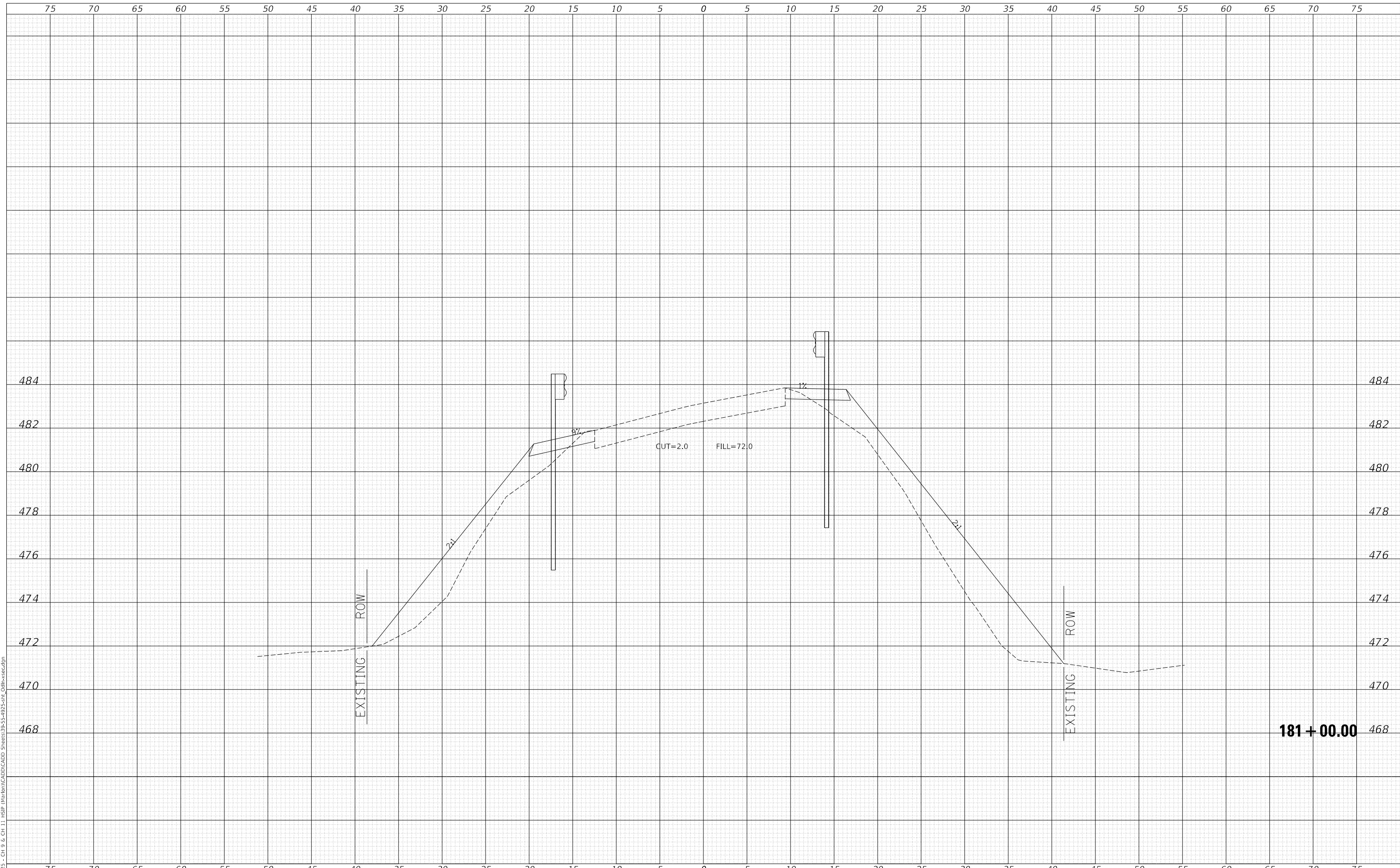
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1793	20-00144-00-5P	MARION	181	47
				CONTRACT NO. 97820

ILLINOIS FED. AID PROJECT

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
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DATE	
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AREAS CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
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MODEL: Definit  
 FILE NAME: V:\1925 - Ch 9 & Ch 11 HSP Maribon\CADD\CADD - Sheets\39-35-4925-5H\_Cdlh-xsec.dgn  
 2023



**181 + 00.00**

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	DRAWN - HRC	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - CMB	REVISED -
PLOT DATE = 10/23/2023	DATE - 8-2-2022	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 9 - ODIN ROAD  
 CROSS SECTIONS**

SCALE: 1"=5'H, 2'V SHEET 9 OF 17 SHEETS STA. 181+00.00 TO STA. 181+00.00

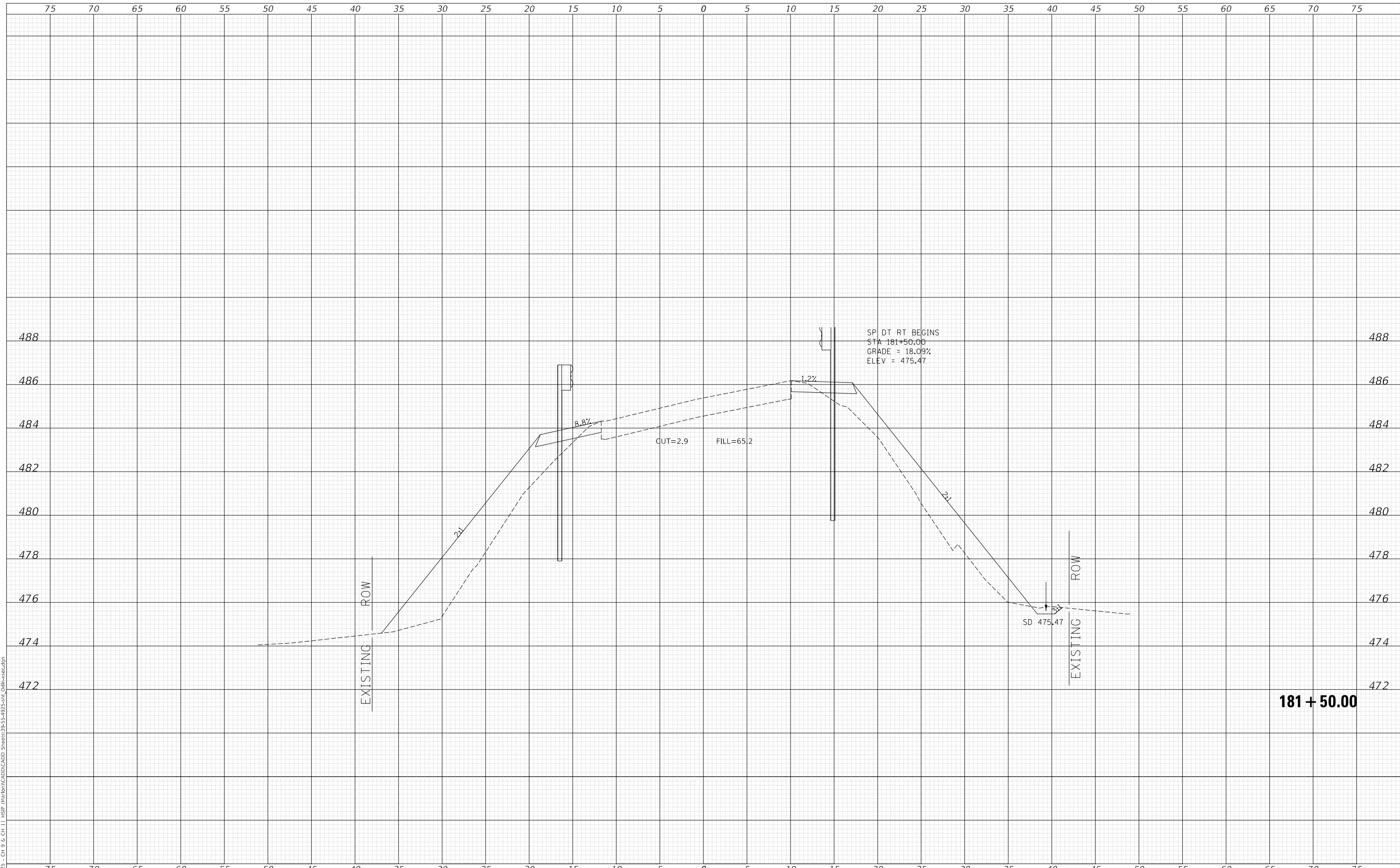
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1793	20-00144-00-5P	MARION	181	48
CONTRACT NO. 97820				
ILLINOIS FED. AID PROJECT				



DATE	
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SURVEYED PLOTTED AREAS CHECKED	
NOTE BOOK	
TEMPLATE	
AREAS CHECKED	

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BY	
ORIGINAL SURVEY NO.	
SURVEYED PLOTTED AREAS CHECKED	
NOTE BOOK	
TEMPLATE	
AREAS CHECKED	

MODEL Definit  
 FILE NAME: V:\1925 - Ch 9 & Ch 11 HSP Maribon\CADD\CADD - Sheet\39-55-4925-5H1\_Cdlr-xsec.dgn  
 2023



**181 + 50.00**

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USER NAME	= jwhite
PLOT SCALE	= 10.0000 ' / in.
PLOT DATE	= 10/23/2023

DESIGNED	- AWM
DRAWN	- HRC
CHECKED	- CMB
DATE	- 8-2-2022

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REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 9 - ODIN ROAD  
 CROSS SECTIONS**

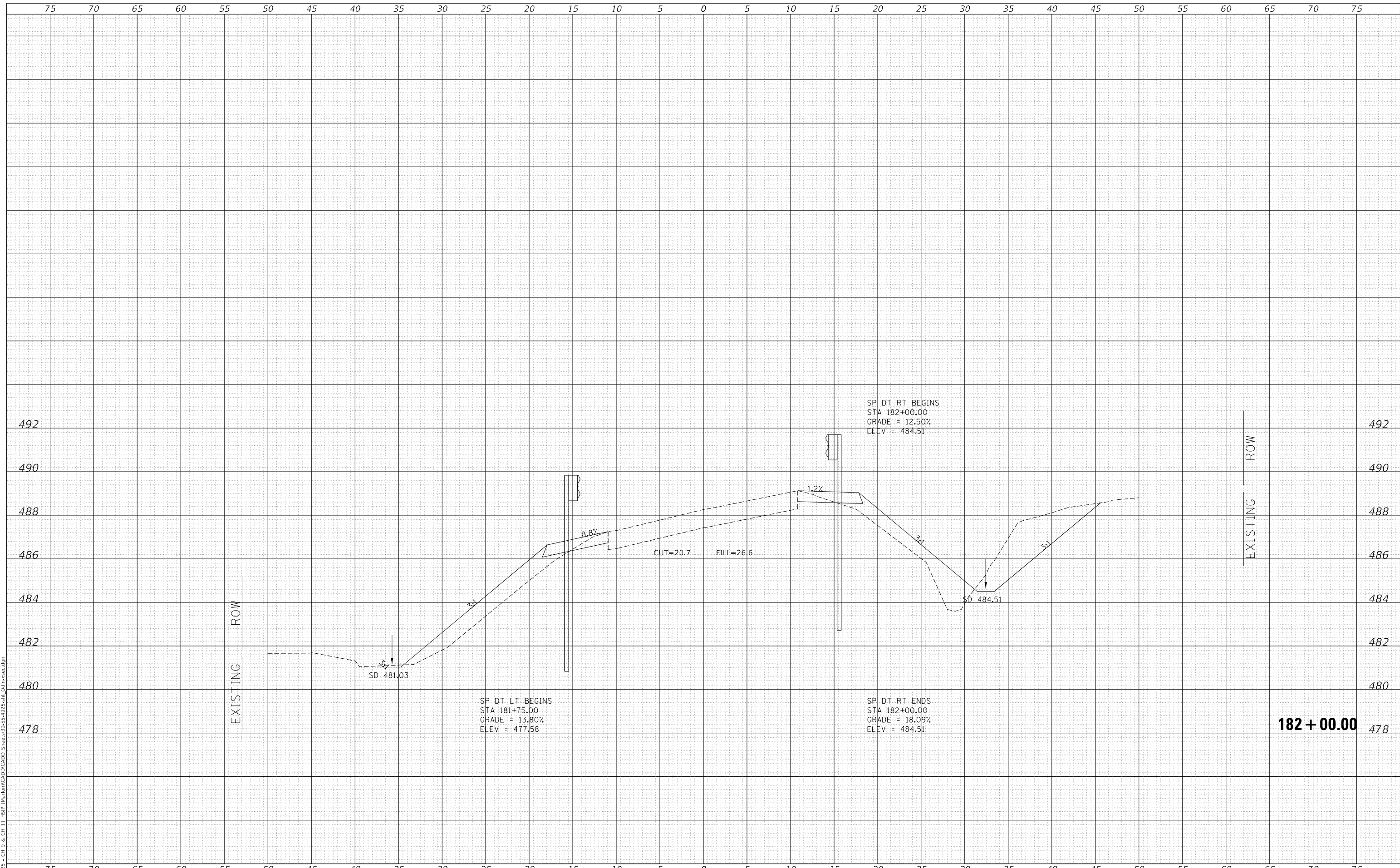
SCALE: 1"=5'H, 2'V SHEET 10 OF 17 SHEETS STA. 181+50.00 TO STA. 181+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1793	20-00144-00-5P	MARION	181	49
CONTRACT NO. 97820				
ILLINOIS FED. AID PROJECT				

DATE	
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SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
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AREAS CHECKED	
ORIGINAL SURVEY	
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MODEL: Definit  
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USER NAME	= jwhite
PLOT SCALE	= 10.0000 ' / in.
PLOT DATE	= 10/23/2023

DESIGNED	- AWM	REVISED	-
DRAWN	- HRC	REVISED	-
CHECKED	- CMB	REVISED	-
DATE	- 8-2-2022	REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 9 - ODIN ROAD  
 CROSS SECTIONS**

SCALE: 1"=5'H, 2'V    SHEET 11    OF 17    SHEETS    STA. 182+00.00    TO STA. 182+00.00

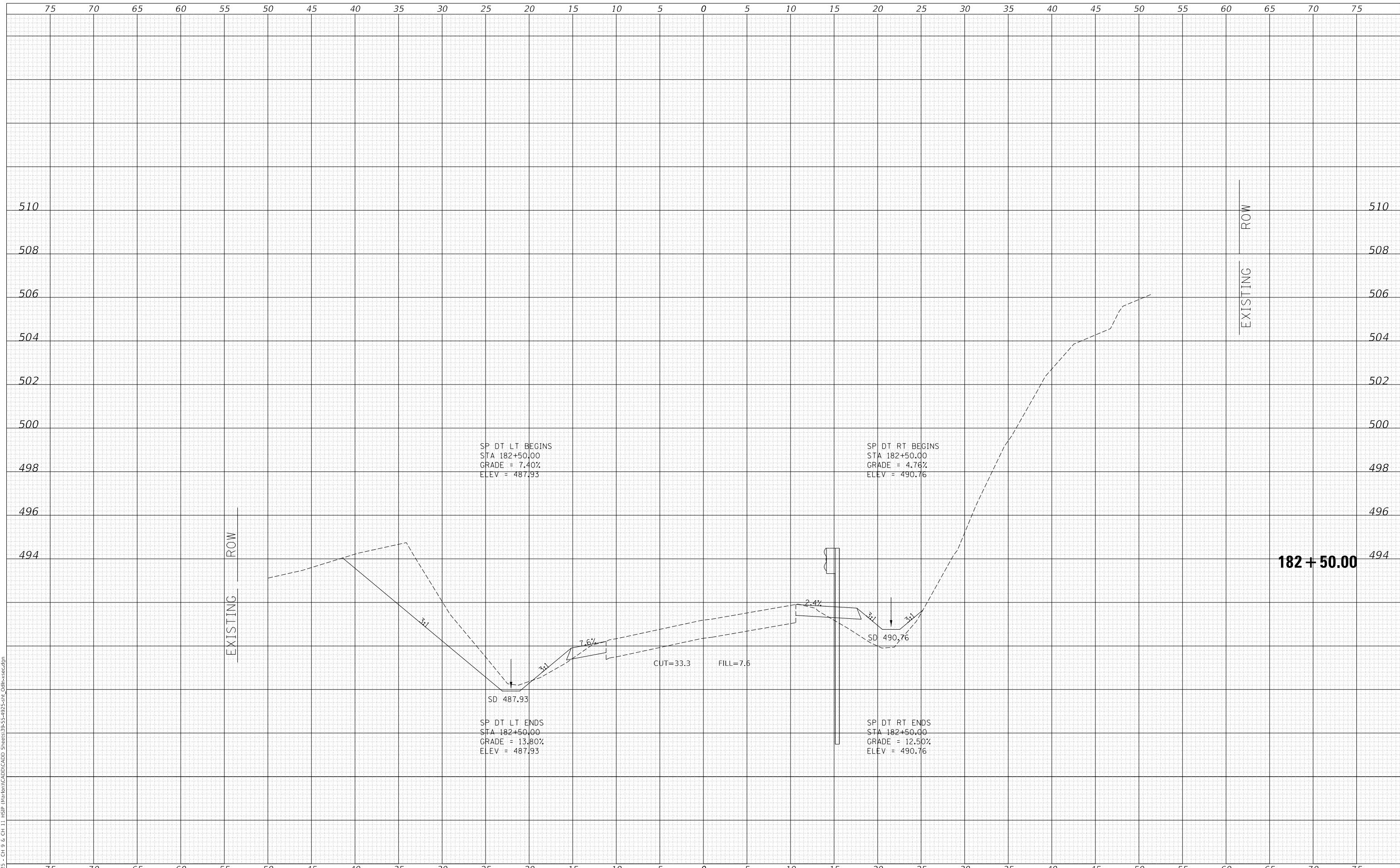
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1793	20-00144-00-5P	MARION	181	50
CONTRACT NO.			97820	
ILLINOIS		FED. AID PROJECT		

**182 + 00.00**

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
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TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
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MODEL: Definit  
 FILE NAME: V:\1925 - Ch 9 & Ch 11 HSP Marlon\CADD\CADD - Sheets\9-25-22\25-stl\_Cdlfr-xsec.dgn  
 2023



SP DT LT BEGINS  
 STA 182+50.00  
 GRADE = 7.40%  
 ELEV = 487.93

SP DT RT BEGINS  
 STA 182+50.00  
 GRADE = 4.76%  
 ELEV = 490.76

SD 487.93  
 SP DT LT ENDS  
 STA 182+50.00  
 GRADE = 13.80%  
 ELEV = 487.93

SD 490.76  
 SP DT RT ENDS  
 STA 182+50.00  
 GRADE = 12.50%  
 ELEV = 490.76

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

COUNTY HIGHWAY 9 - ODIN ROAD  
 CROSS SECTIONS

USER NAME = jwhite	DESIGNED - AWM	REvised -
	DRAWN - HRC	REvised -
PLOT SCALE = 10.0000' / in.	CHECKED - CMB	REvised -
PLOT DATE = 10/23/2023	DATE - 8-2-2022	REvised -

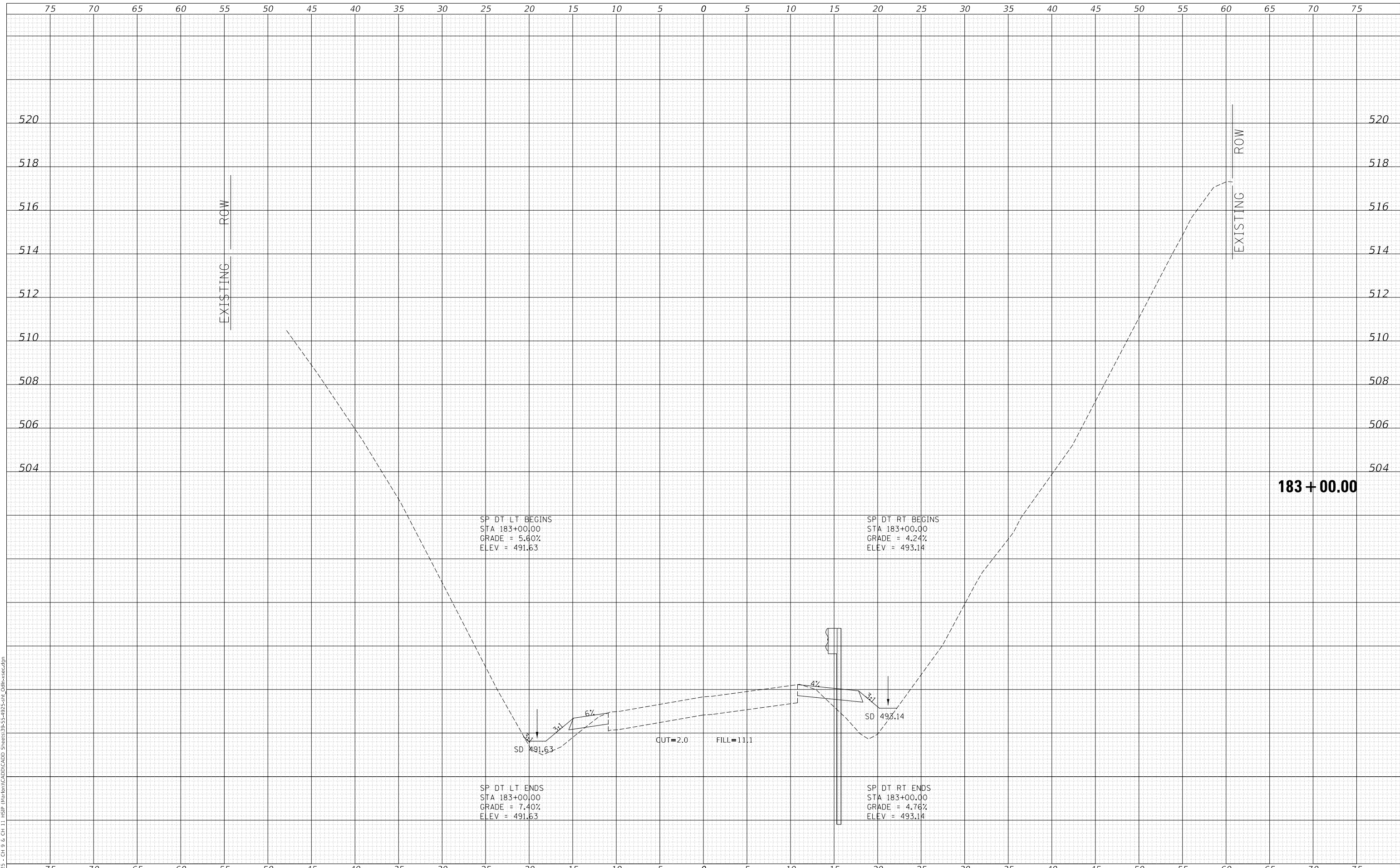
SCALE: 1"=5'H, 2'V SHEET 12 OF 17 SHEETS STA. 182+50.00 TO STA. 182+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1793	20-00144-00-5P	MARION	181	51
CONTRACT NO. 97820				
ILLINOIS		FED. AID PROJECT		

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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	AREAS CHECKED
	AREAS CHECKED

MODEL: Default  
 FILE NAME: V:\1925 - Ch 9 & Ch 11\_HSP\_Marion\CAD\CADD\_Sheet\39-55-4925-5H\_Cdlh-xsec.dgn



SP DT LT BEGINS  
 STA 183+00.00  
 GRADE = 5.60%  
 ELEV = 491.63

SP DT RT BEGINS  
 STA 183+00.00  
 GRADE = 4.24%  
 ELEV = 493.14

SP DT LT ENDS  
 STA 183+00.00  
 GRADE = 7.40%  
 ELEV = 491.63

SP DT RT ENDS  
 STA 183+00.00  
 GRADE = 4.76%  
 ELEV = 493.14

183 + 00.00

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USER NAME = jwhite  
 PLOT SCALE = 10.0000' / in.  
 PLOT DATE = 10/23/2023

DESIGNED - AWM  
 DRAWN - HRC  
 CHECKED - CMB  
 DATE - 8-2-2022

REVISED -  
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

COUNTY HIGHWAY 9 - ODIN ROAD  
 CROSS SECTIONS

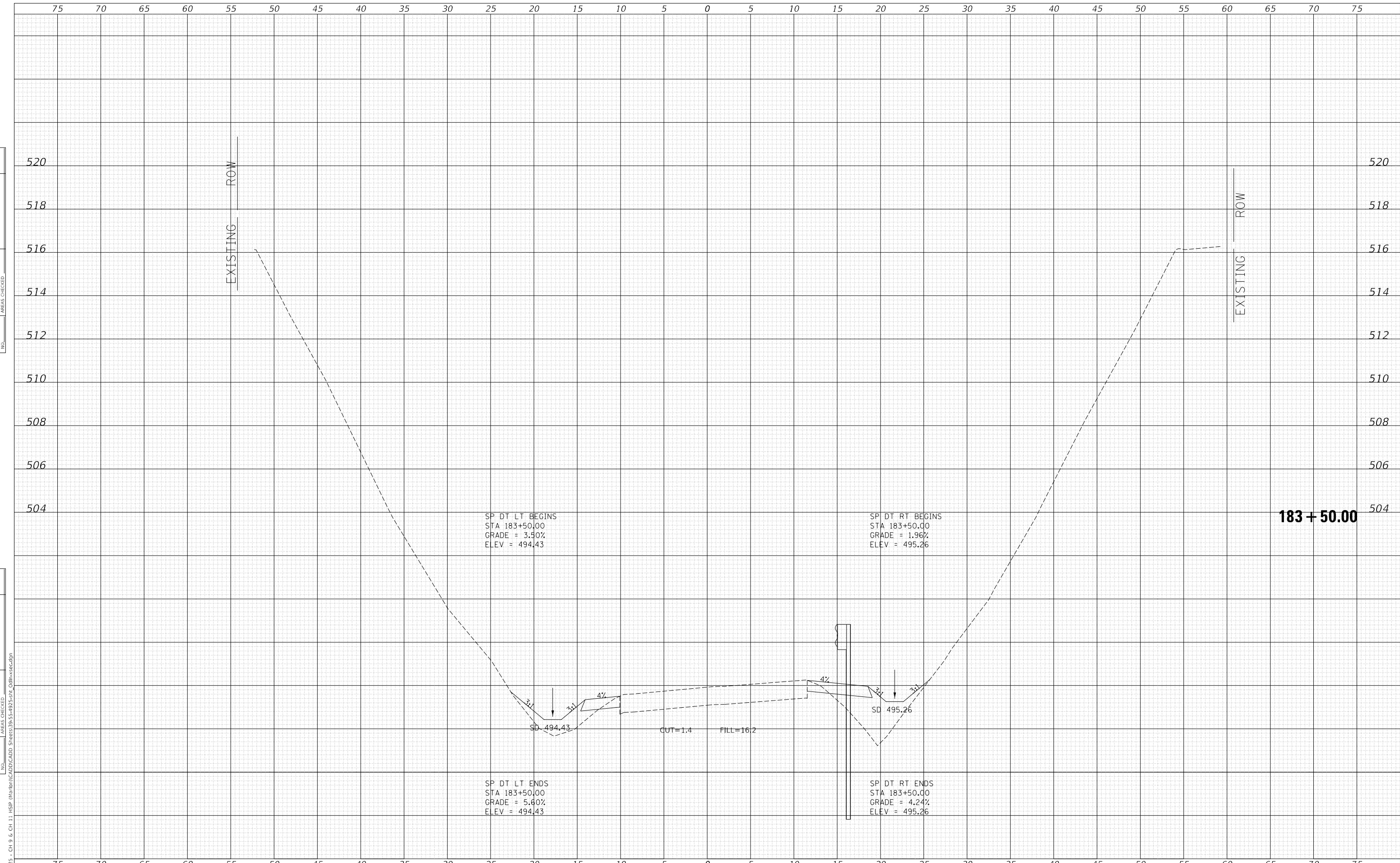
SCALE: 1"=5'H, 2'V SHEET 13 OF 17 SHEETS STA. 183+00.00 TO STA. 183+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1793	20-00144-00-5P	MARION	181	52
CONTRACT NO. 97820				

ILLINOIS FED. AID PROJECT

DATE	
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FINAL SURVEY NO.	
SURVEYED PLOTTED AREAS CHECKED	
NOTE BOOK NO.	
TEMPLATE AREAS CHECKED	

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BY	
ORIGINAL SURVEY NO.	
SURVEYED PLOTTED AREAS CHECKED	
NOTE BOOK NO.	
TEMPLATE AREAS CHECKED	



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 2023

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	DRAWN - HRC	REVISD -
PLOT SCALE = 10.0000' / in.	CHECKED - CMB	REVISD -
PLOT DATE = 10/23/2023	DATE - 8-2-2022	REVISD -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 9 - ODIN ROAD  
 CROSS SECTIONS**

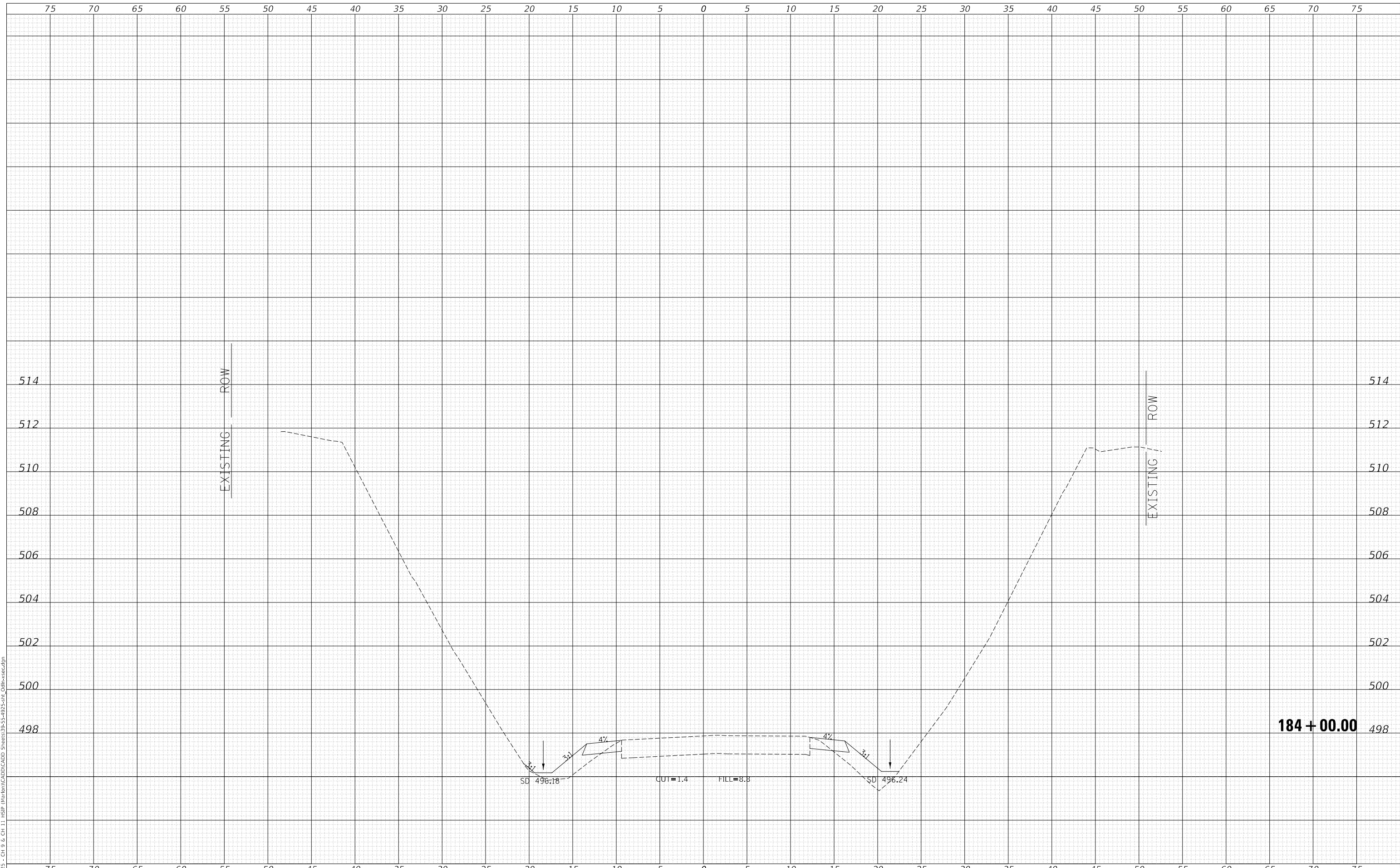
SCALE: 1"=5'H, 2'V    SHEET 14 OF 17 SHEETS    STA. 183+50.00 TO STA. 183+50.00

F.A.S. RTE. 1793	SECTION 20-00144-00-5P	COUNTY MARION	TOTAL SHEETS 181	SHEET NO. 53
CONTRACT NO. 97820			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
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PLOT DATE = 10/23/2023

DESIGNED - AWM
DRAWN - HRC
CHECKED - CMB
DATE - 8-2-2022

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REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 9 - ODIN ROAD  
 CROSS SECTIONS**

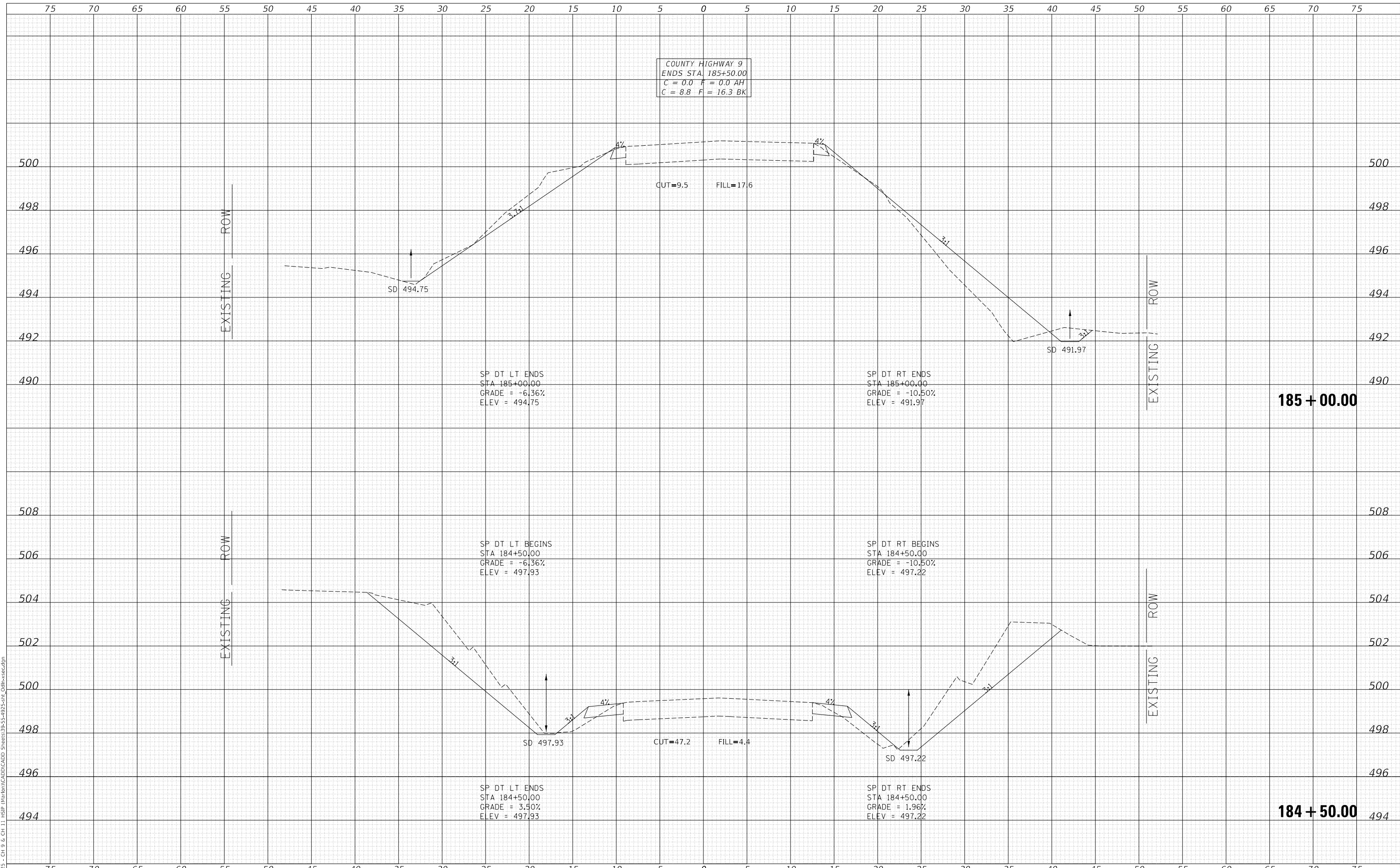
SCALE: 1"=5'H, 2'V SHEET 15 OF 17 SHEETS STA. 184+00.00 TO STA. 184+00.00

F.A.S. RTE. 1793	SECTION 20-00144-00-5P	COUNTY MARION	TOTAL SHEETS 181	SHEET NO. 54
CONTRACT NO. 97820			ILLINOIS FED. AID PROJECT	

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

MODEL: Definit  
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 2023



COUNTY HIGHWAY 9  
 ENDS STA. 185+50.00  
 C = 0.0 F = 0.0 AH  
 C = 8.8 F = 16.3 BK

SP DT LT ENDS  
 STA 185+00.00  
 GRADE = -6.36%  
 ELEV = 494.75

SP DT RT ENDS  
 STA 185+00.00  
 GRADE = -10.50%  
 ELEV = 491.97

SP DT LT BEGINS  
 STA 184+50.00  
 GRADE = -6.36%  
 ELEV = 497.93

SP DT RT BEGINS  
 STA 184+50.00  
 GRADE = -10.50%  
 ELEV = 497.22

SP DT LT ENDS  
 STA 184+50.00  
 GRADE = 3.50%  
 ELEV = 497.93

SP DT RT ENDS  
 STA 184+50.00  
 GRADE = 1.96%  
 ELEV = 497.22

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 Illinois Professional Design Firm No. 184-000825

USER NAME	= jwhite
PLOT SCALE	= 10.0000 ' / in.
PLOT DATE	= 10/23/2023

DESIGNED	- AWM	REVISED	-
DRAWN	- HRC	REVISED	-
CHECKED	- CMB	REVISED	-
DATE	- 8-2-2022	REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 9 - ODIN ROAD  
 CROSS SECTIONS**

SCALE: 1"=5'H, 2'V SHEET 16 OF 17 SHEETS STA. 184+50.00 TO STA. 185+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1793	20-00144-00-5P	MARION	181	55
CONTRACT NO.			97820	
ILLINOIS		FED. AID PROJECT		

EXISTING ROW

EXISTING ROW

EXISTING ROW

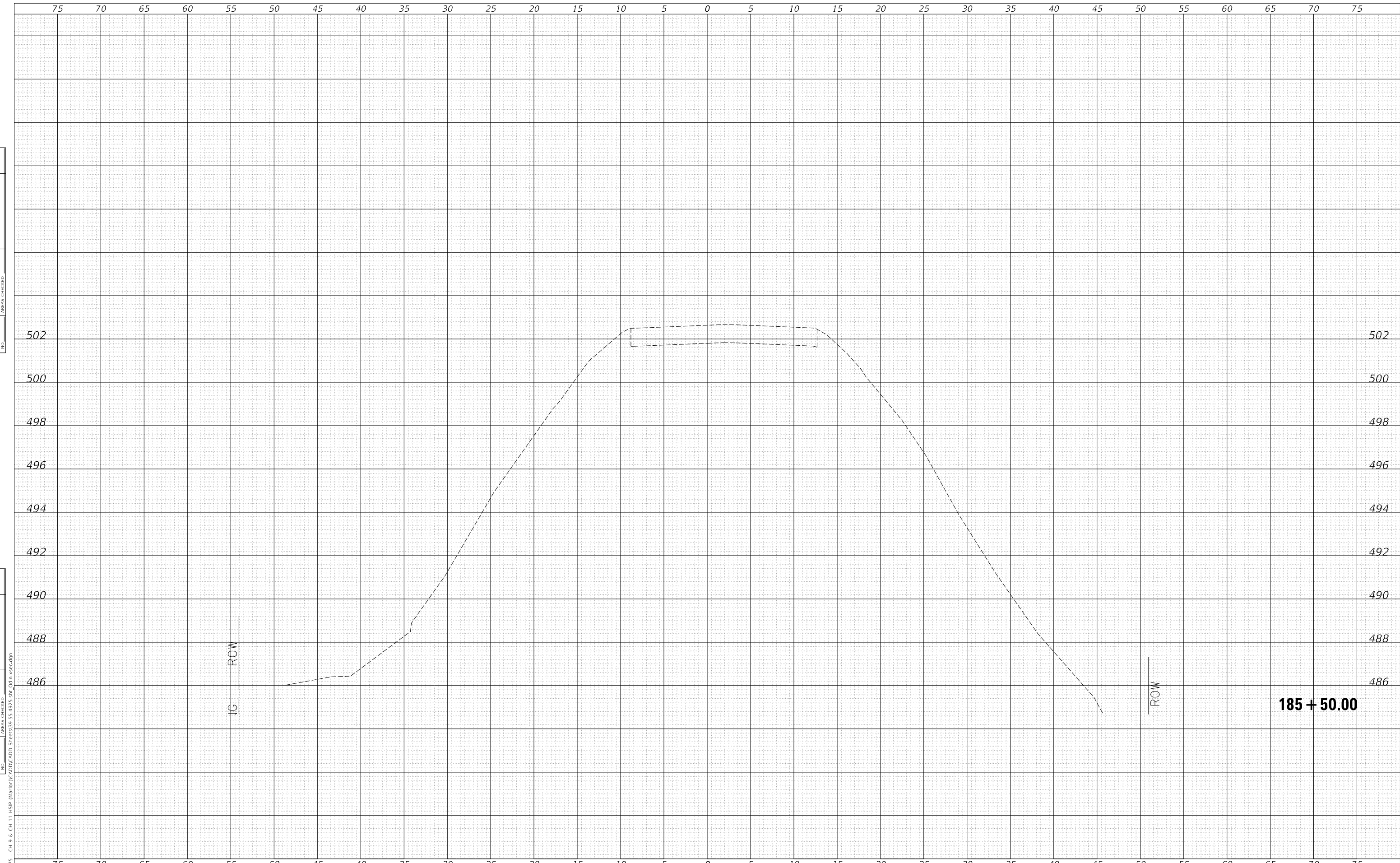
EXISTING ROW

**185 + 00.00**

**184 + 50.00**

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY NO.	
NOTE BOOK NO.	
AREAS CHECKED	

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TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY NO.	
NOTE BOOK NO.	
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 2023

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PLOT SCALE = 10.0000 ' / in.	DRAWN - HRC	REVISED -
PLOT DATE = 10/23/2023	CHECKED - CMB	REVISED -
	DATE - 8-2-2022	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 9 - ODIN ROAD  
 CROSS SECTIONS**

SCALE: 1"=5'H, 2'V    SHEET 17 OF 17 SHEETS    STA. 185+50.00 TO STA. 185+50.00

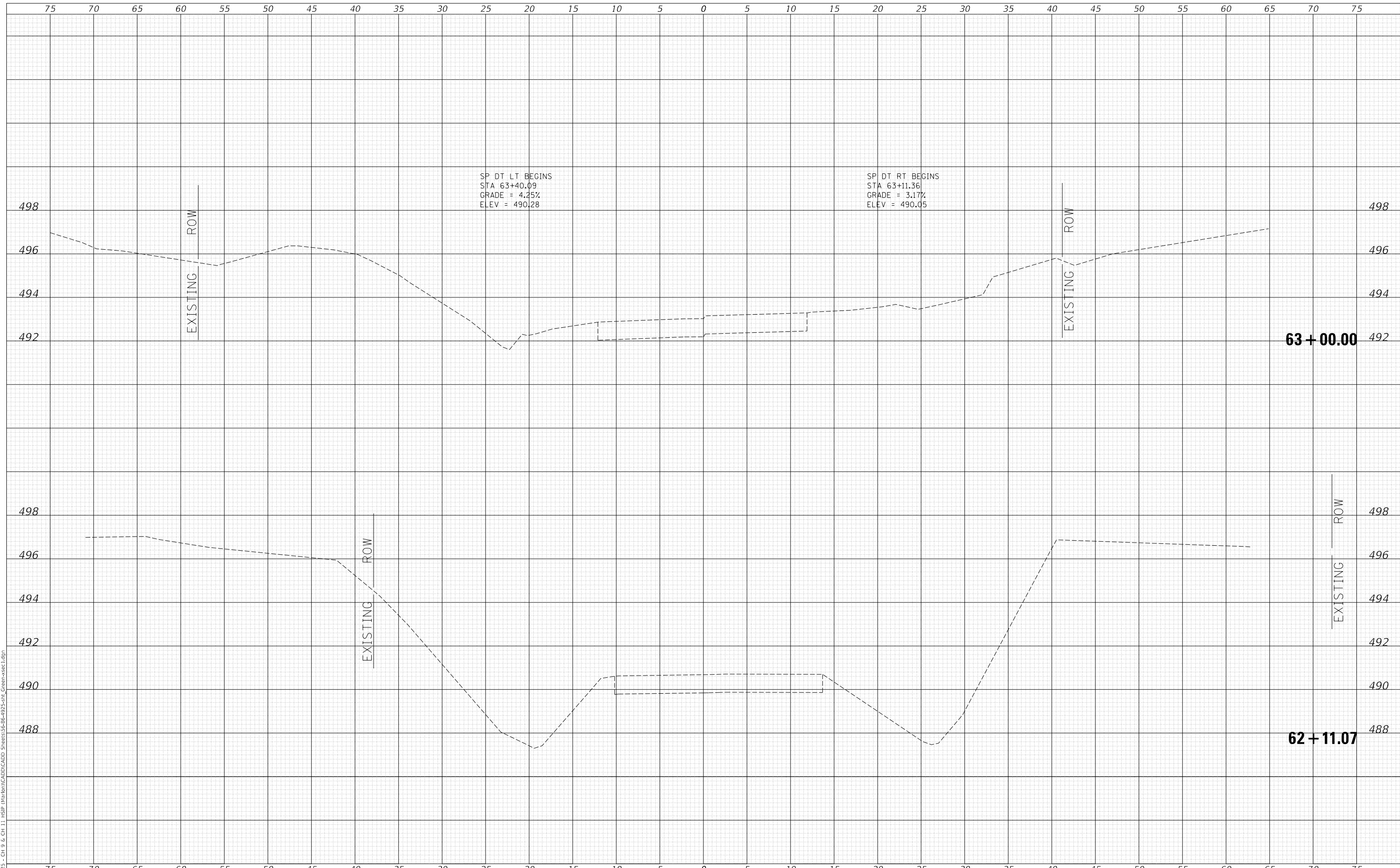
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1793	20-00144-00-5P	MARION	181	56
CONTRACT NO. 97820				
ILLINOIS FED. AID PROJECT				



DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

MODEL: Definit  
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USER NAME	= jwhite
PLOT SCALE	= 10.0000 ' / in.
PLOT DATE	= 10/23/2023

DESIGNED	- AWM
DRAWN	- HRC
CHECKED	- CMB
DATE	- 8-2-2022

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

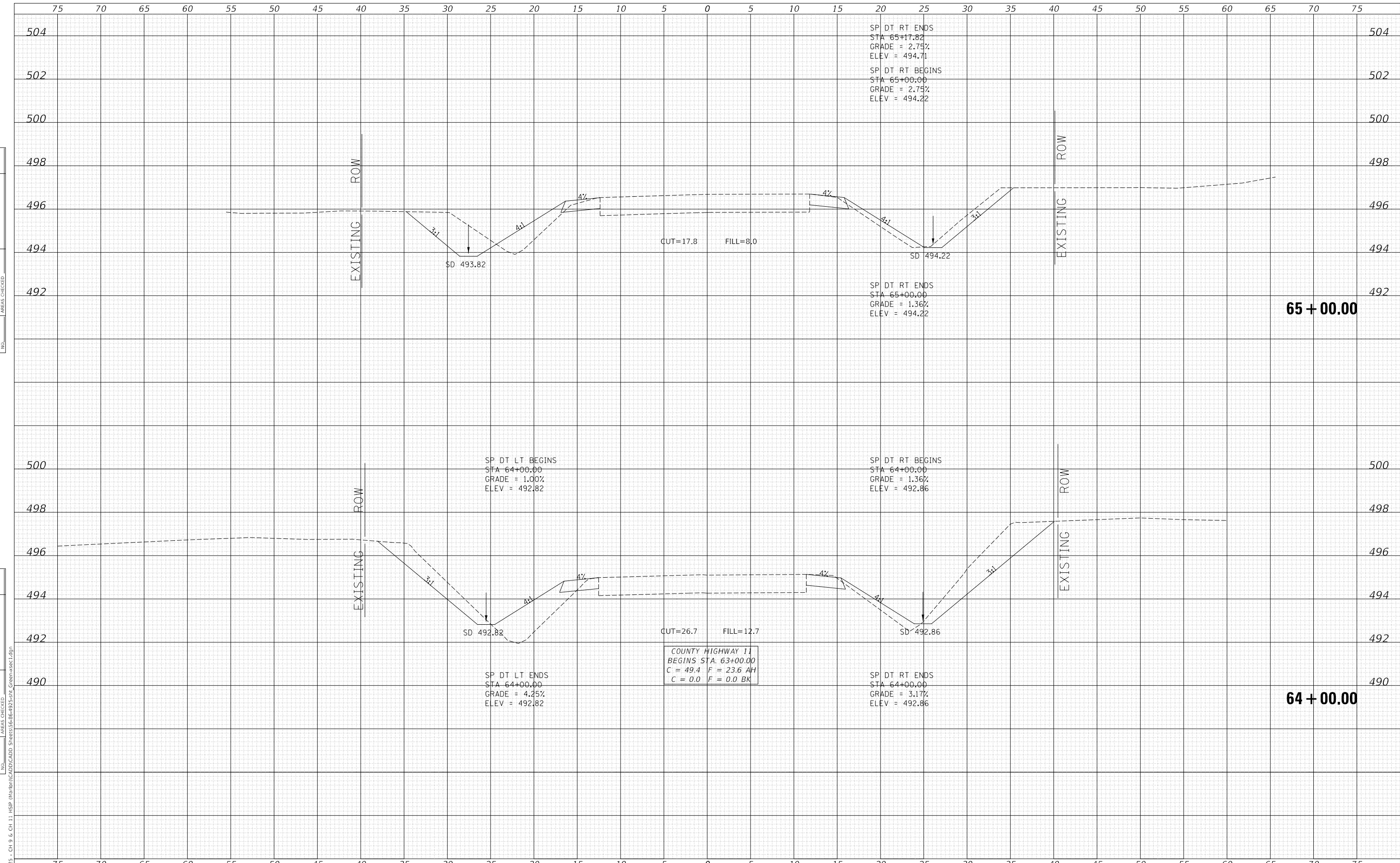
**COUNTY HIGHWAY 11 - GREEN STREET  
 CROSS SECTIONS**

SCALE: 1"=5'H, 2'V SHEET 1 OF 125 SHEETS STA. 62+11.07 TO STA. 63+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	57
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS			FED. AID PROJECT	

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

COUNTY HIGHWAY 11 - GREEN STREET  
CROSS SECTIONS

USER NAME = jwhite	DESIGNED - AWM	REVISED -
	DRAWN - HRC	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - CMB	REVISED -
PLOT DATE = 10/23/2023	DATE - 8-2-2022	REVISED -

SCALE: 1"=5'H, 2'V SHEET 2 OF 125 SHEETS STA. 64+00.00 TO STA. 65+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	58
* F.A.S. 792 & F.A.U. 8591		CONTRACT NO. 97820		

Hutchison Engineering, Inc.  
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Illinois Professional Design Firm No. 184-000825

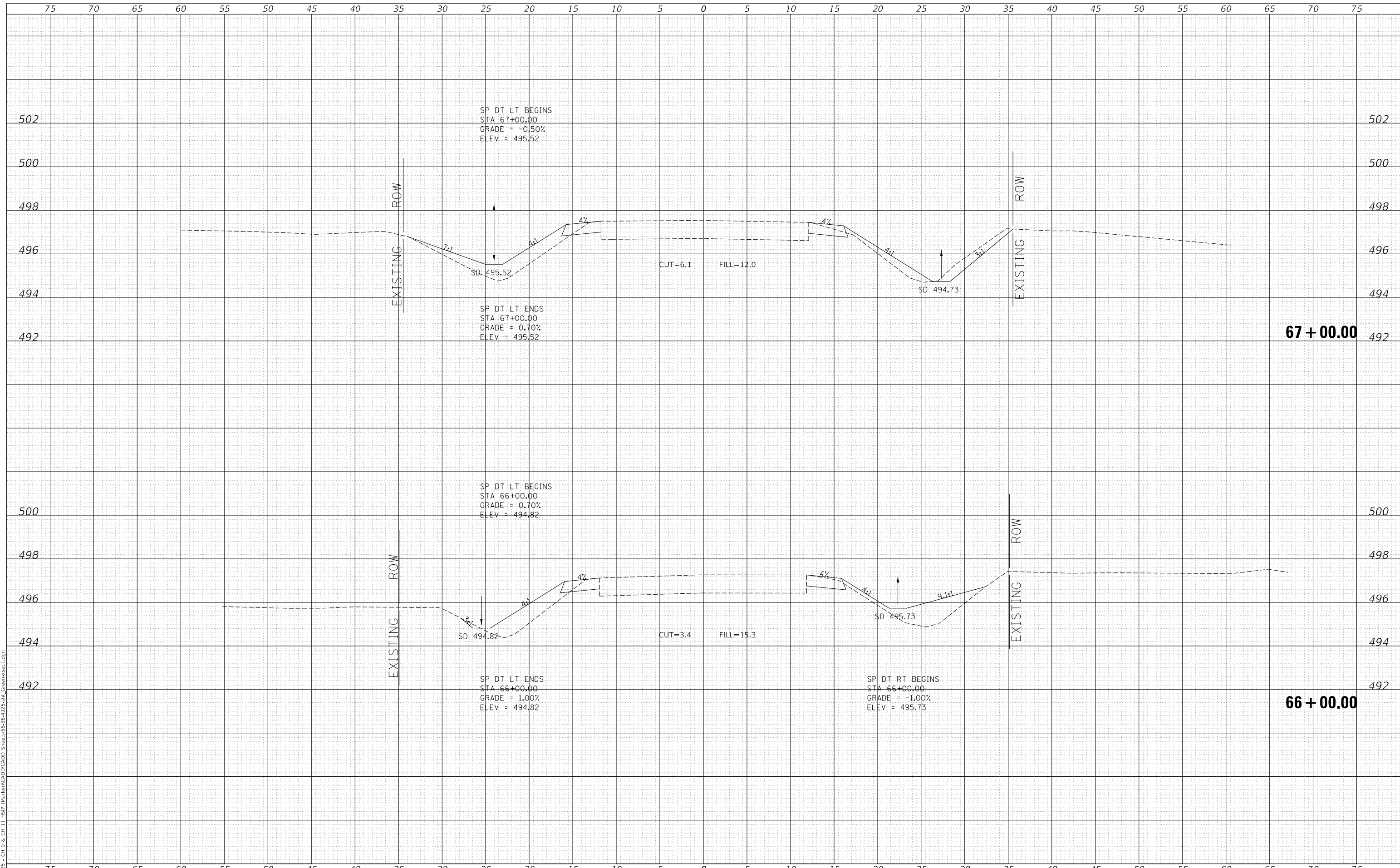
JOB# 4925

ILLINOIS FED. AID PROJECT

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FINAL SURVEY NO.	
SURVEYED PLOTTED AREAS CHECKED	
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 2023



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 CARBONDALE • MOKLENE  
 Illinois Professional Design Firm No. 184-000825

USER NAME = jwhite	DESIGNED - AWM	REVISD -
PLOT SCALE = 10.0000 ' / in.	DRAWN - HRC	REVISD -
PLOT DATE = 10/23/2023	CHECKED - CMB	REVISD -
	DATE - 2-8-2022	REVISD -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 11 - GREEN STREET  
 CROSS SECTIONS**

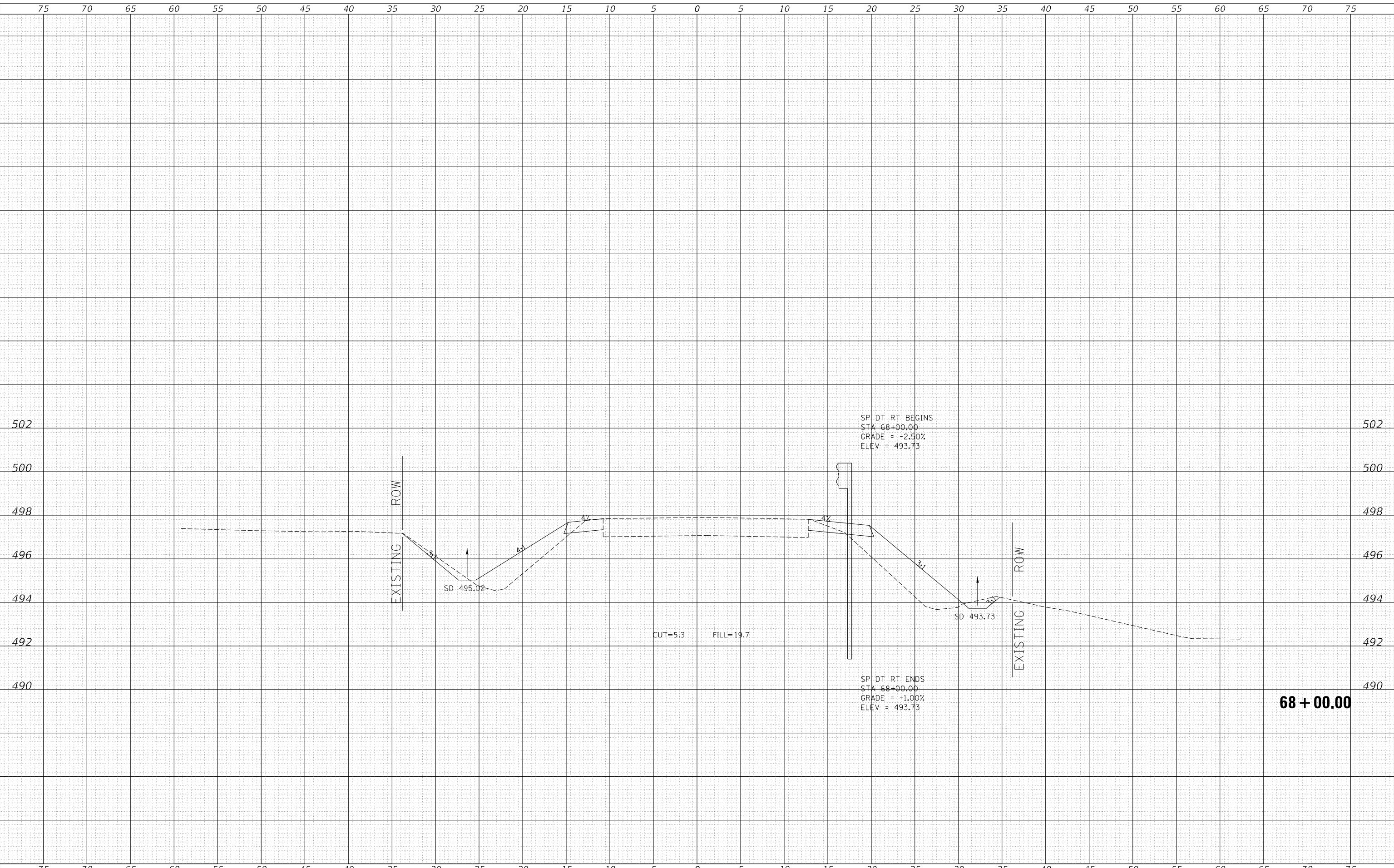
SCALE: 1"=5'H, 2'V SHEET 3 OF 125 SHEETS STA. 66+00.00 TO STA. 67+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	59
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS		FED. AID PROJECT		

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CARBONDALE • MOKLENE  
Illinois Professional Design Firm No. 184-000825

USER NAME	= jwhite
PLOT SCALE	= 10.0000 ' / in.
PLOT DATE	= 10/23/2023

DESIGNED	- AWM
DRAWN	- HRC
CHECKED	- CMB
DATE	- 8-2-2022

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 11 - GREEN STREET**  
**CROSS SECTIONS**

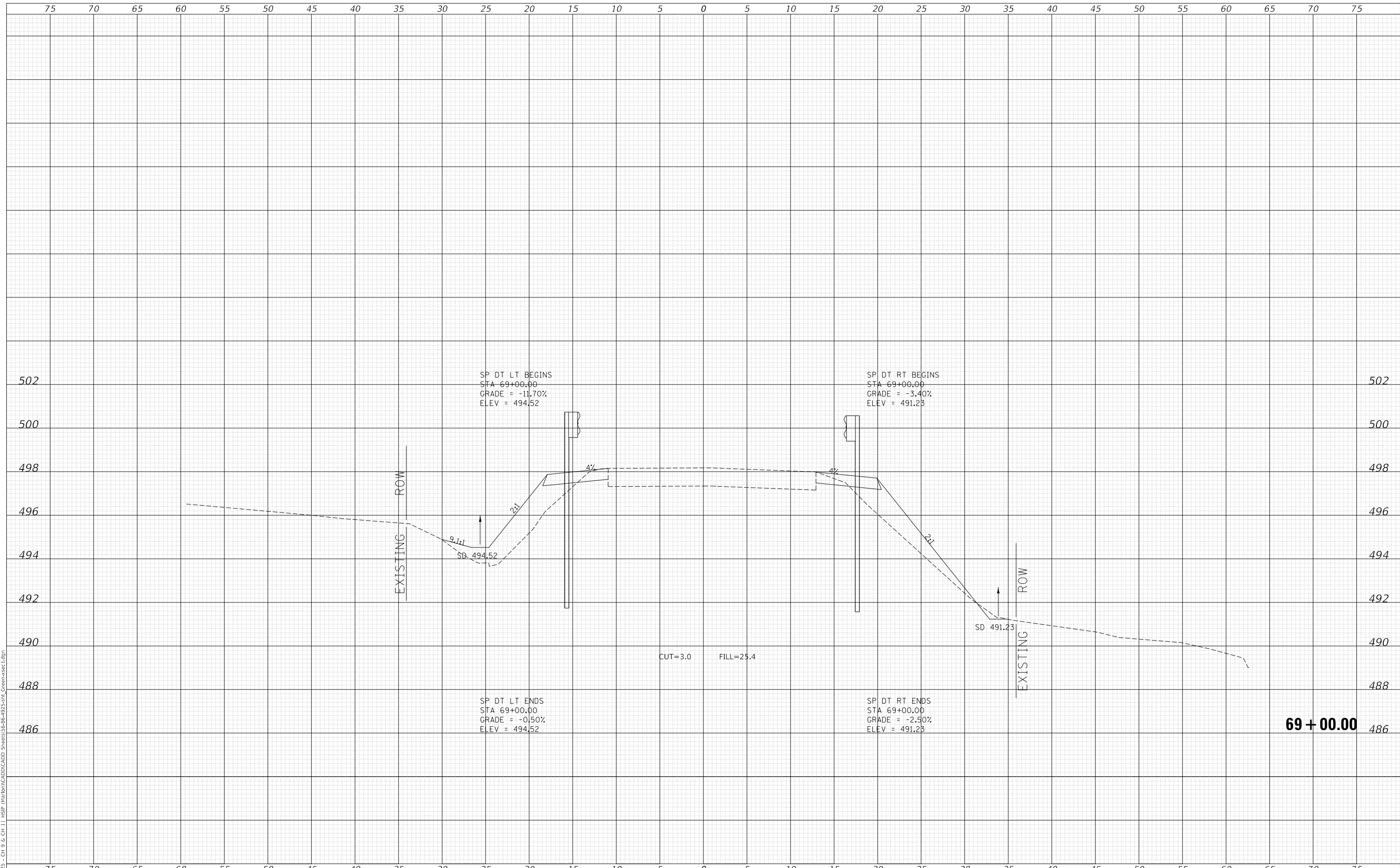
SCALE: 1"=5'H, 2'V SHEET 4 OF 125 SHEETS STA. 68+00.00 TO STA. 68+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	60
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS			FED. AID PROJECT	

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FINAL SURVEY	SURVEYED
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 CARBONDALE • MOKLENE  
 Illinois Professional Design Firm No. 184-000825

USER NAME	= jwhite
DESIGNED	- AWM
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CHECKED	- CMB
DATE	- 8-2-2022
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DESIGNED	- AWM
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DESIGNED	- AWM
DRAWN	- HRC
CHECKED	- CMB
DATE	- 8-2-2022
REVISIONS	
REVISOR	
REVISION	
DATE	

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 11 - GREEN STREET  
 CROSS SECTIONS**

SCALE: 1"=5'H, 2'V    SHEET 5    OF 125 SHEETS    STA. 69+00.00    TO STA. 69+00.00

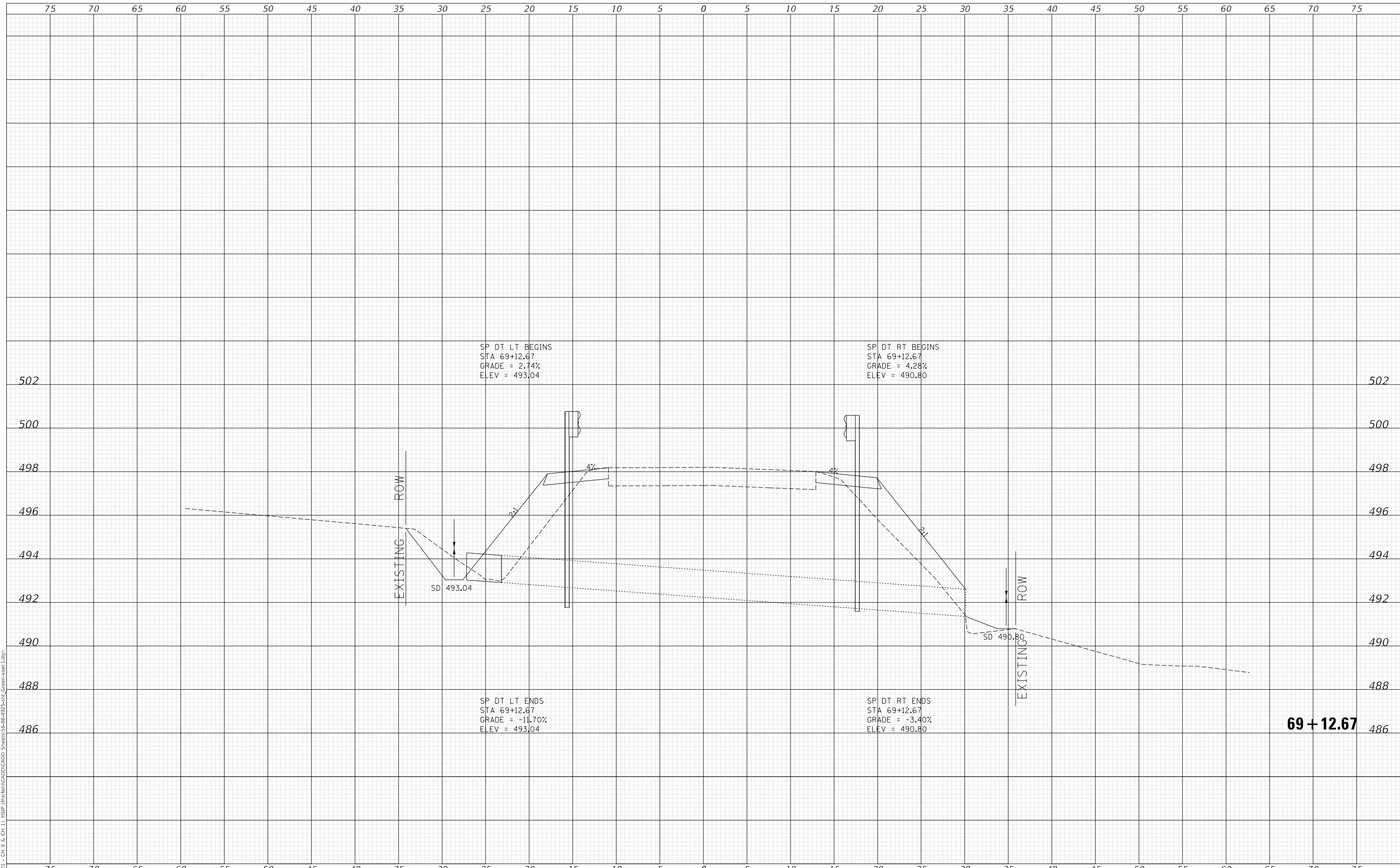
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	61
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS			FED. AID PROJECT	

**69 + 00.00**

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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ORIGINAL SURVEY	SURVEYED
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 JOB# 4925

USER NAME = jwhite	DESIGNED - AWM	REVISED -
	DRAWN - HRC	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - CMB	REVISED -
PLOT DATE = 10/23/2023	DATE - 8-2-2022	REVISED -

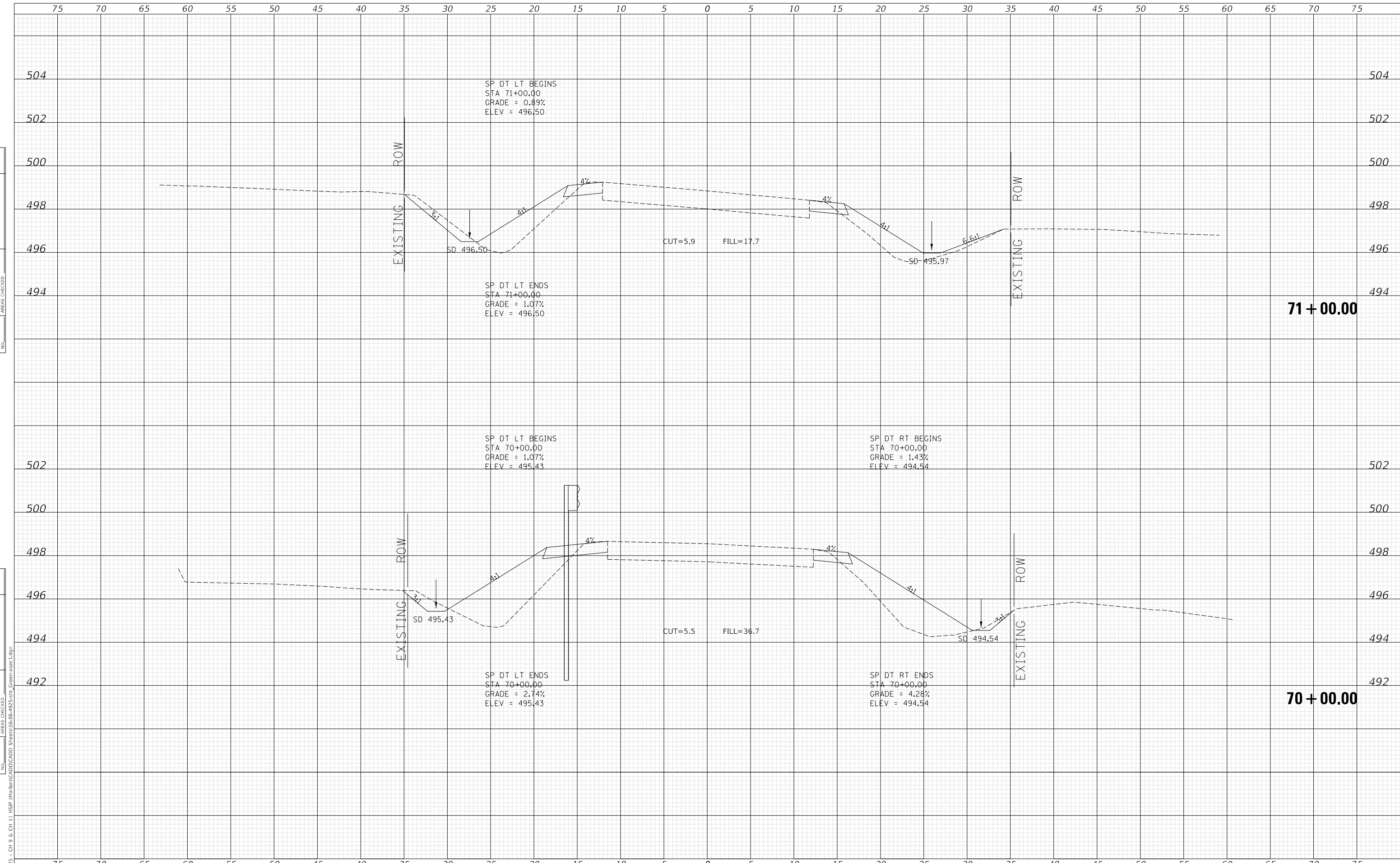
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 11 - GREEN STREET  
 CROSS SECTIONS**  
 SCALE: 1"=5'H, 2'V SHEET 6 OF 125 SHEETS STA. 69+12.67 TO STA. 69+12.67

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	62
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS			FED. AID PROJECT	

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FINAL SURVEY	SURVEYED
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USER NAME = jwhite	DESIGNED - AWM	REVISED -
	DRAWN - HRC	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - CMB	REVISED -
PLOT DATE = 10/23/2023	DATE - 8-2-2022	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

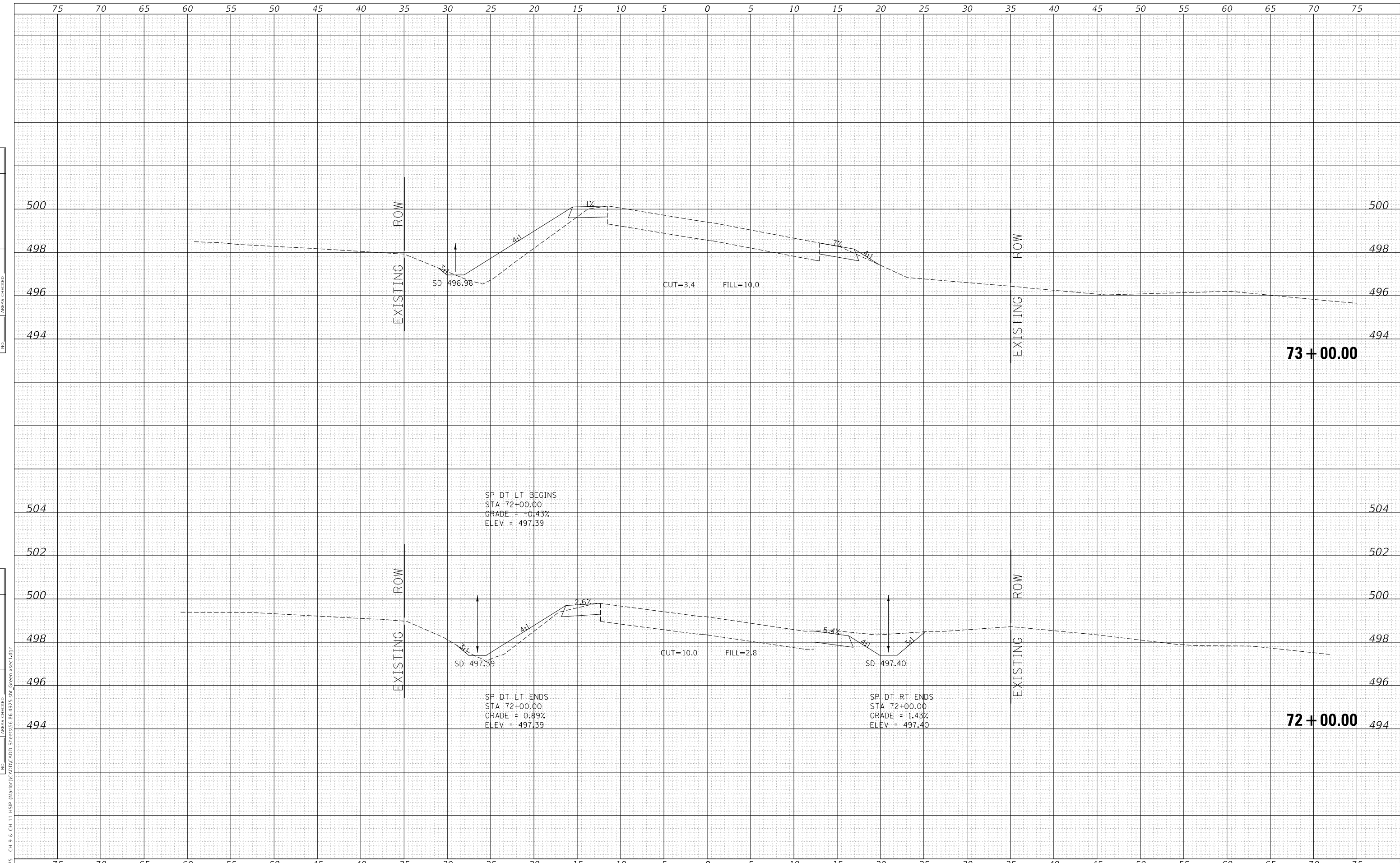
**COUNTY HIGHWAY 11 - GREEN STREET  
CROSS SECTIONS**

SCALE: 1"=5'H, 2'V SHEET 7 OF 125 SHEETS STA. 70+00.00 TO STA. 71+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	63
* F.A.S. 792 & F.A.U. 8591		CONTRACT NO. 97820		
ILLINOIS		FED. AID PROJECT		

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USER NAME = jwhite	DESIGNED - AWM	REVISED -
	DRAWN - HRC	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - CMB	REVISED -
PLOT DATE = 10/23/2023	DATE - 8-2-2022	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 11 - GREEN STREET  
 CROSS SECTIONS**

SCALE: 1"=5'H, 2'V    SHEET 8    OF 125 SHEETS    STA. 72+00.00    TO STA. 73+00.00

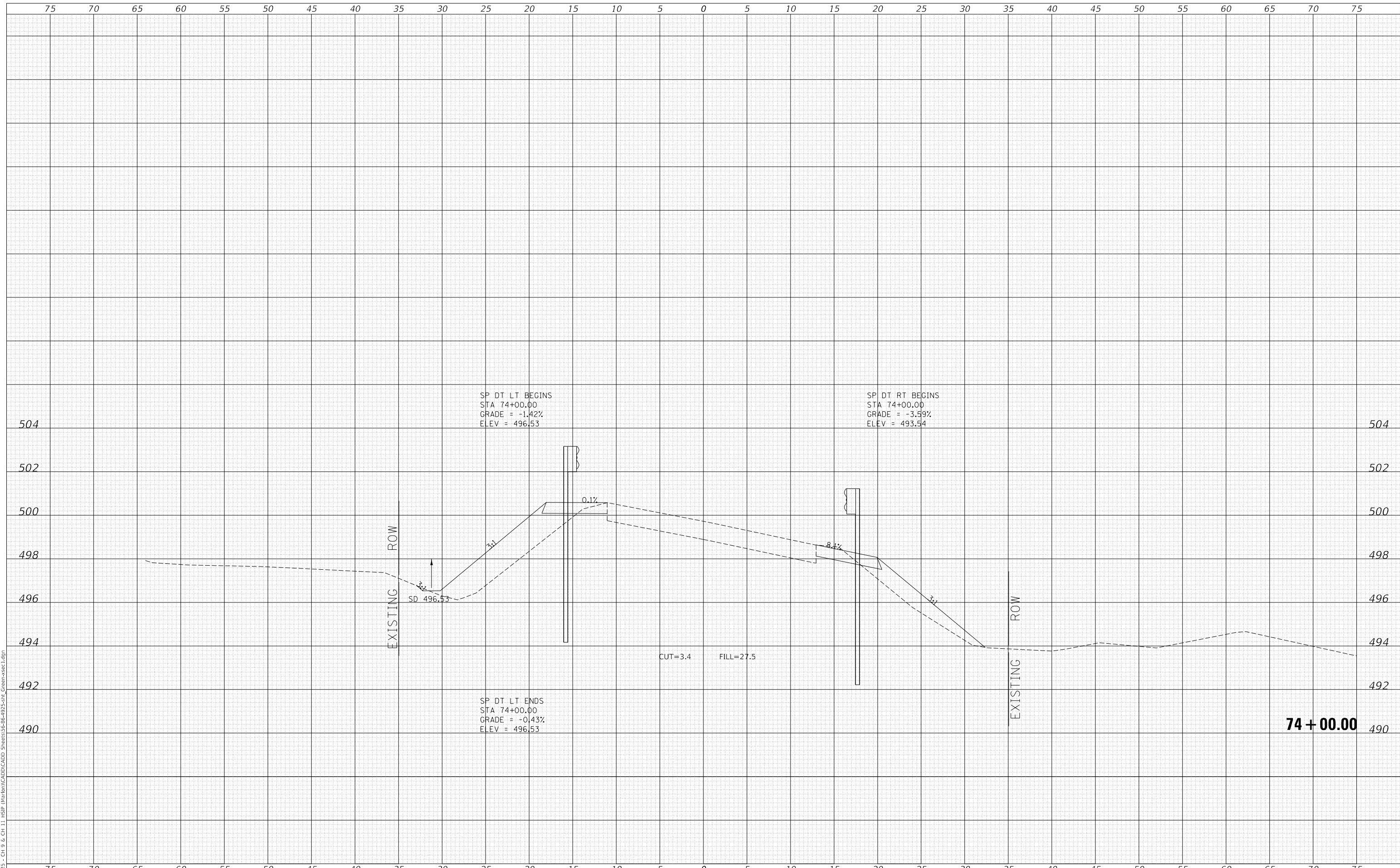
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	64
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS		FED. AID PROJECT		



DATE	
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 2023



Since 1945  
**Hutchison Engineering, Inc.**  
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 CARBONDALE • MOKLENE  
 Illinois Professional Design Firm No. 184-000825

USER NAME	= jwhite
PLOT SCALE	= 10.0000 ' / in.
PLOT DATE	= 10/23/2023

DESIGNED	- AWM
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 11 - GREEN STREET  
 CROSS SECTIONS**

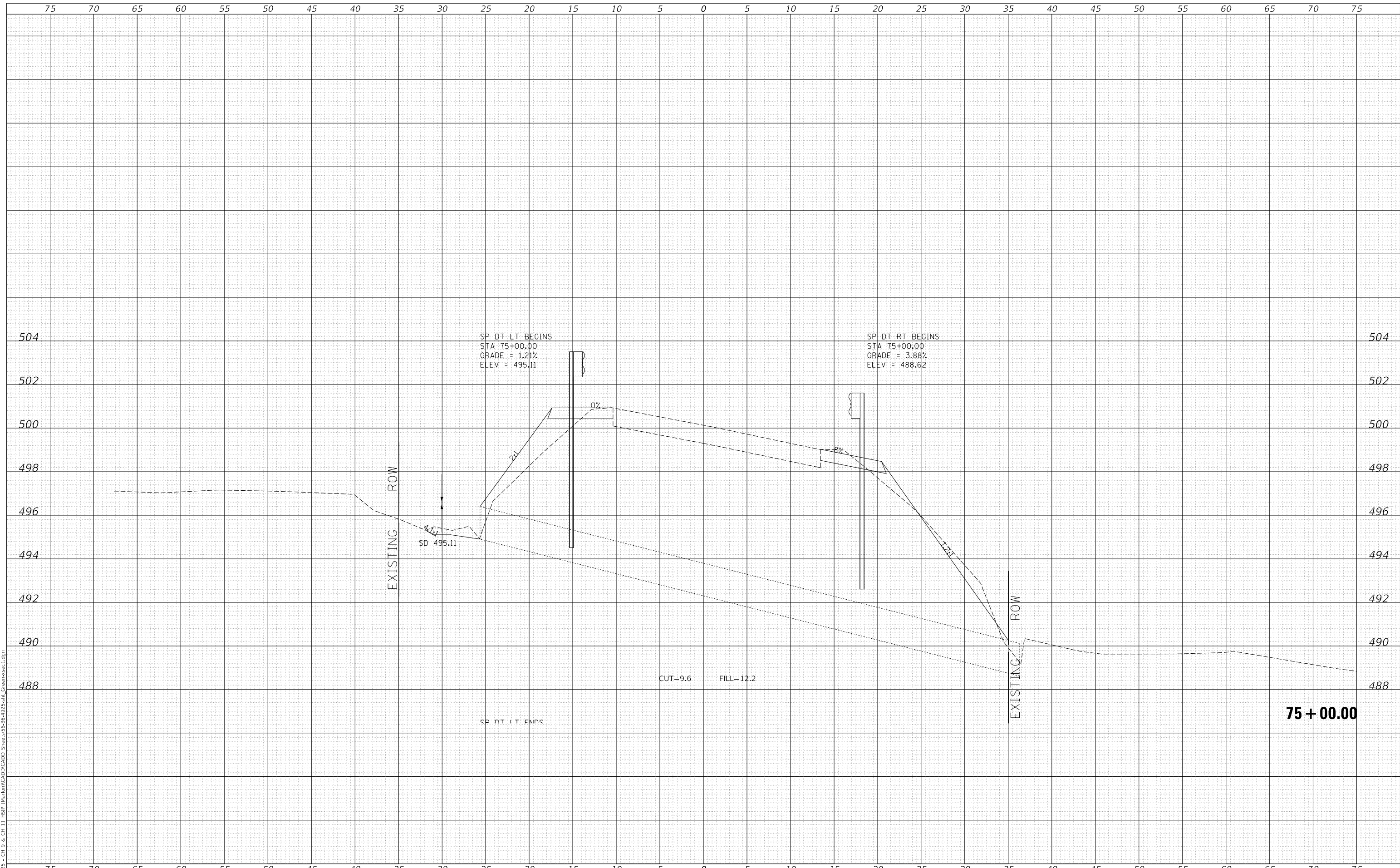
SCALE: 1"=5'H, 2'V SHEET 9 OF 125 SHEETS STA. 74+00.00 TO STA. 74+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	65
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS FED. AID PROJECT				

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**Hutchison Engineering, Inc.**  
 JACKSONVILLE • PEORIA • SHOREWOOD  
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 Illinois Professional Design Firm No. 184-000825

USER NAME	= jwhite
PLOT SCALE	= 10.0000 ' / in.
PLOT DATE	= 10/23/2023

DESIGNED	- AWM
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 11 - GREEN STREET  
 CROSS SECTIONS**

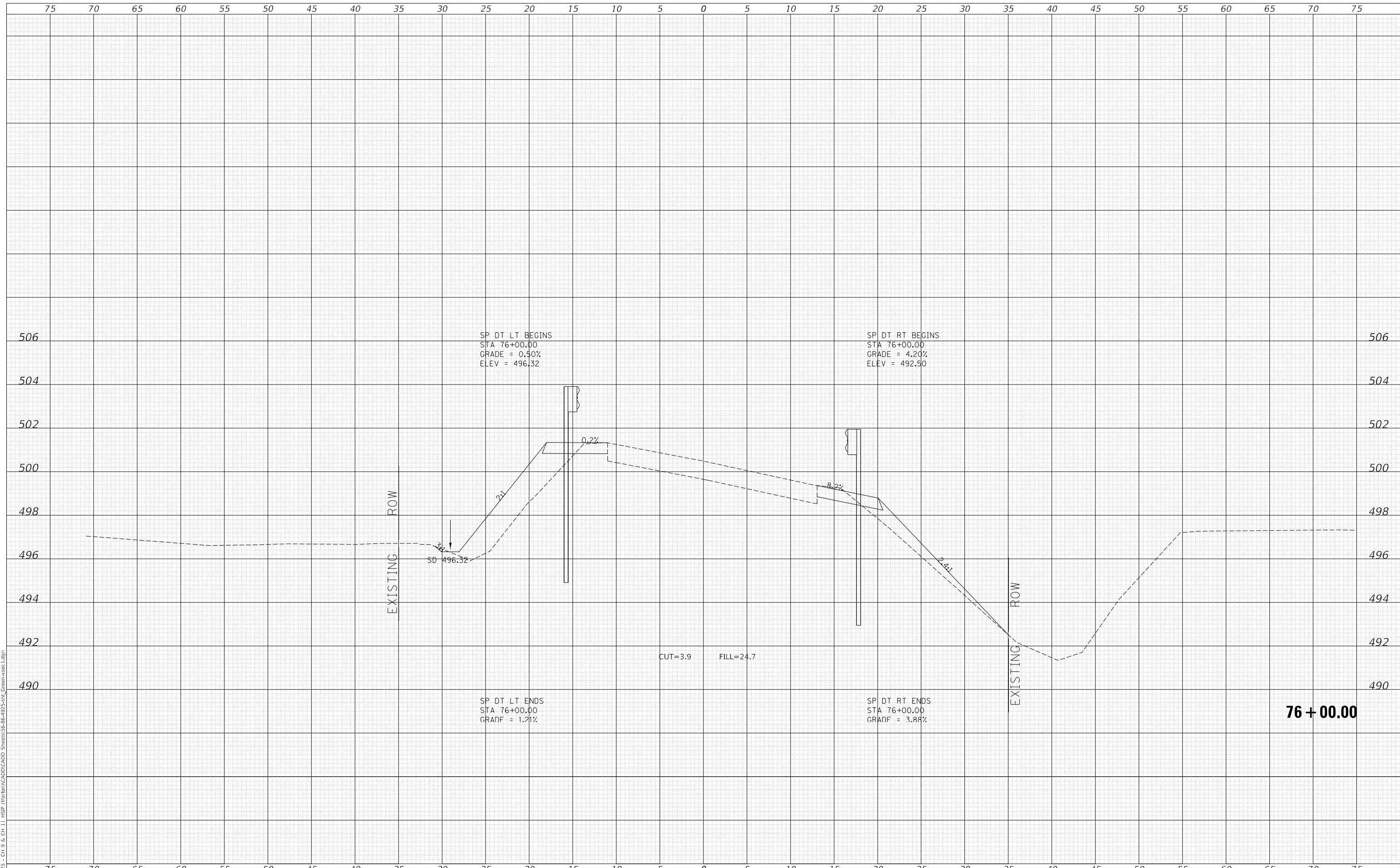
SCALE: 1"=5'H, 2'V SHEET 10 OF 125 SHEETS STA. 75+00.00 TO STA. 75+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	66
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS			FED. AID PROJECT	

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**Hutchison Engineering, Inc.**  
 JACKSONVILLE • PEORIA • SHOREWOOD  
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USER NAME	= jwhite
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 11 - GREEN STREET  
 CROSS SECTIONS**

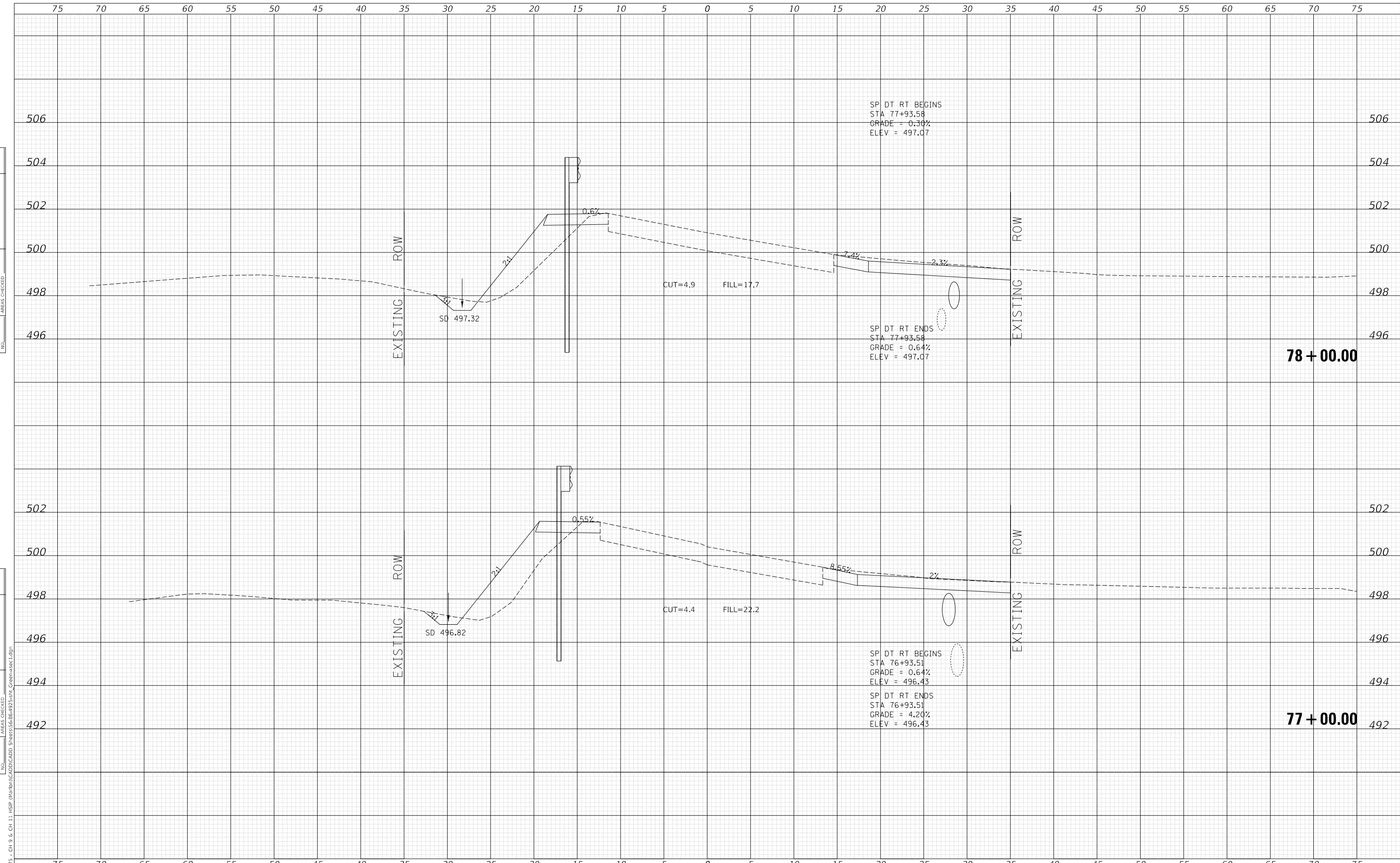
SCALE: 1"=5'H, 2'V    SHEET 11    OF 125 SHEETS    STA. 76+00.00    TO STA. 76+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	67
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS FED. AID PROJECT				

**76 + 00.00**

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 JOB# 4925

USER NAME = jwhite	DESIGNED - AWM	REVISED -
	DRAWN - HRC	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - CMB	REVISED -
PLOT DATE = 10/23/2023	DATE - 8-2-2022	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

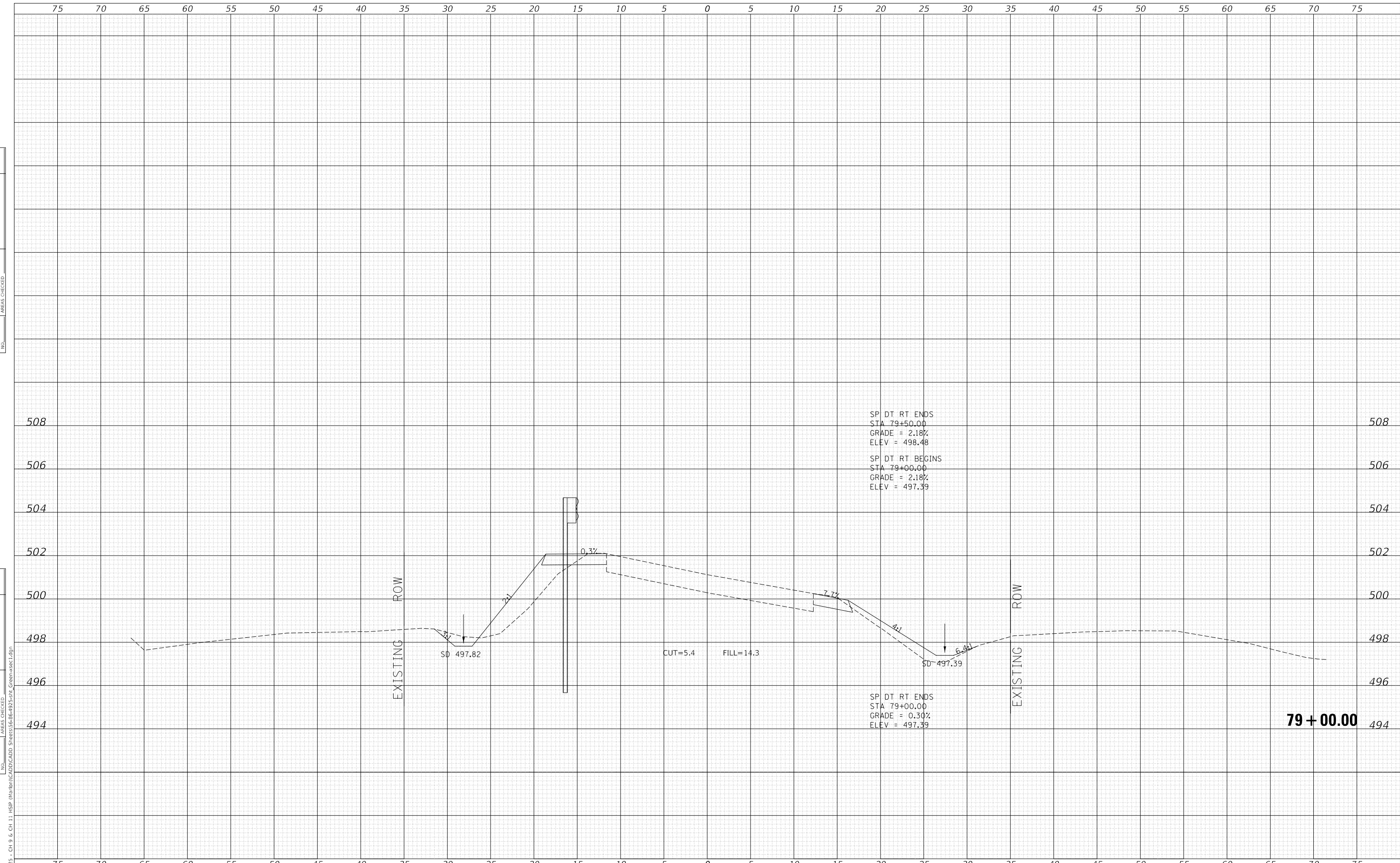
**COUNTY HIGHWAY 11 - GREEN STREET  
 CROSS SECTIONS**

SCALE: 1"=5'H, 2'V    SHEET 12    OF 125 SHEETS    STA. 77+00.00    TO STA. 78+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	68
* F.A.S. 792 & F.A.U. 8591		CONTRACT NO. 97820		
ILLINOIS		FED. AID PROJECT		

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ORIGINAL SURVEY	SURVEYED
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 JOB# 4925

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	DRAWN - HRC	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - CMB	REVISED -
PLOT DATE = 10/23/2023	DATE - 8-2-2022	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 11 - GREEN STREET  
 CROSS SECTIONS**

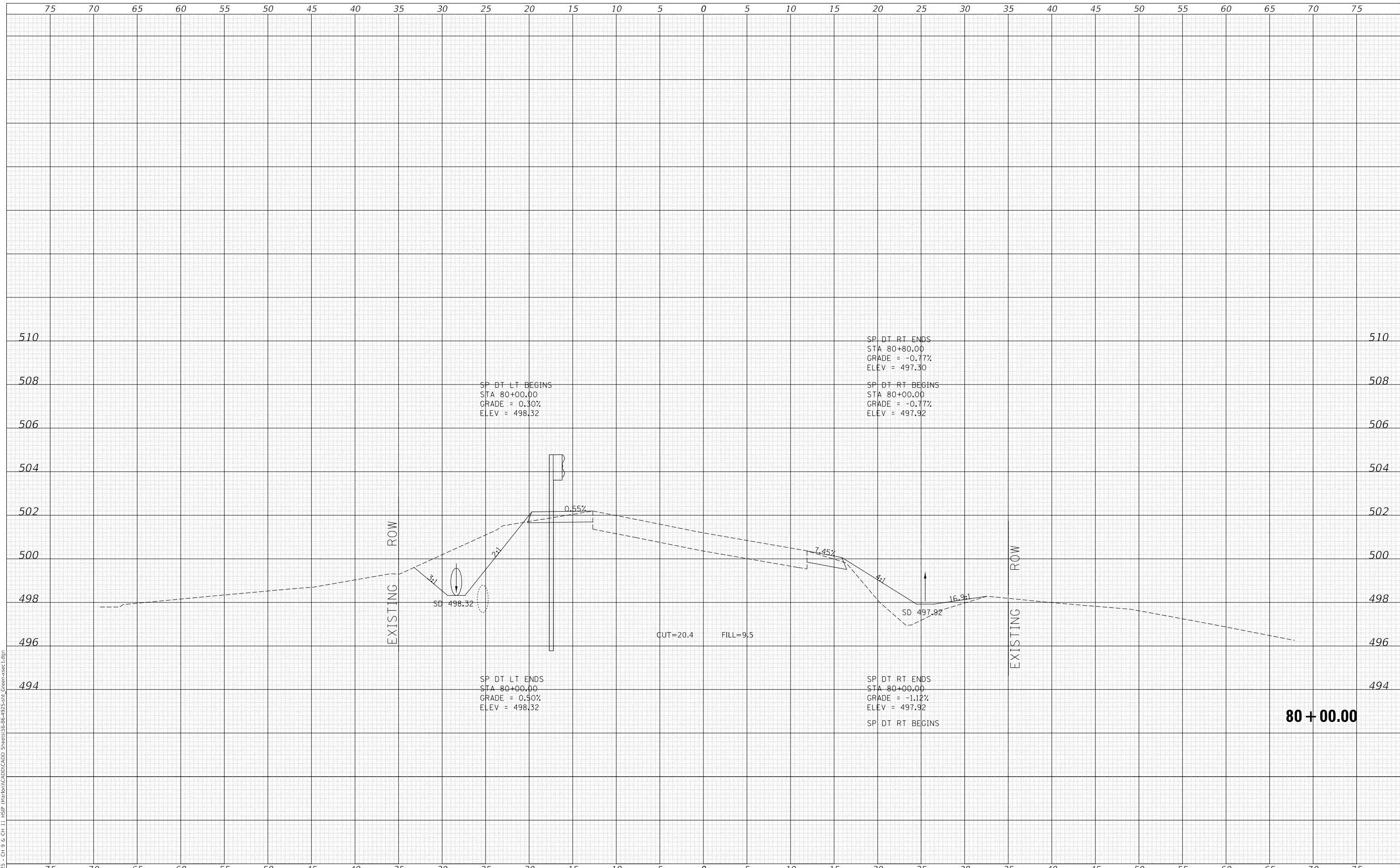
SCALE: 1"=5'H, 2'V    SHEET 13    OF 125 SHEETS    STA. 79+00.00    TO STA. 79+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	69
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS		FED. AID PROJECT		

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 Illinois Professional Design Firm No. 184-000825  
 JOB# 4925

USER NAME = jwhite	DESIGNED - AWM	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - HRC	REVISED -
PLOT DATE = 10/23/2023	CHECKED - CMB	REVISED -
	DATE - 8-2-2022	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 11 - GREEN STREET  
 CROSS SECTIONS**

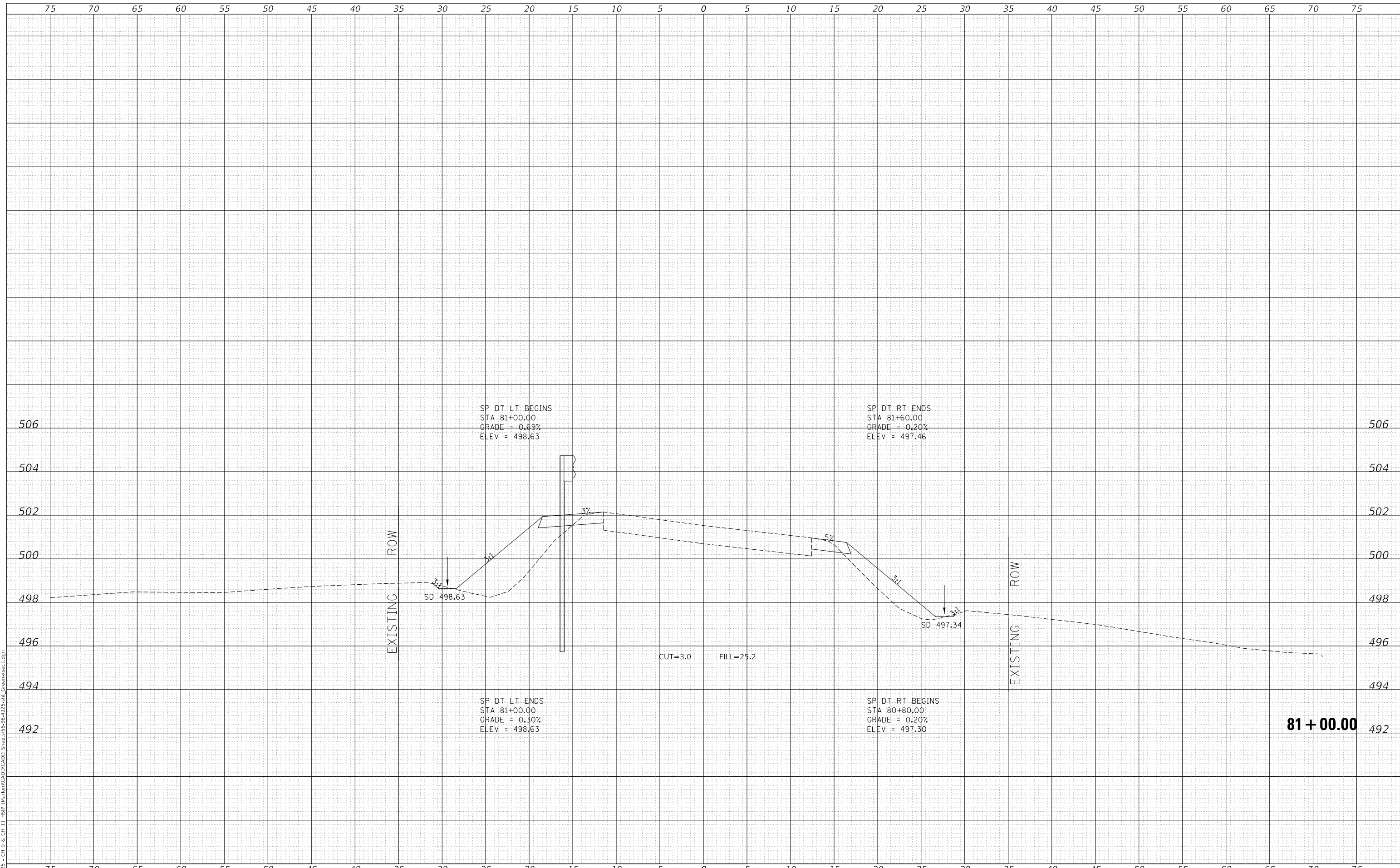
SCALE: 1"=5'H, 2'V    SHEET 14    OF 125 SHEETS    STA. 80+00.00    TO STA. 80+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	70
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS			FED. AID PROJECT	

DATE	
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FINAL SURVEY	SURVEYED
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USER NAME	= jwhite
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PLOT DATE	= 10/23/2023

DESIGNED	- AWM
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 11 - GREEN STREET  
 CROSS SECTIONS**

SCALE: 1"=5'H, 2'V SHEET 15 OF 125 SHEETS STA. 81+00.00 TO STA. 81+00.00

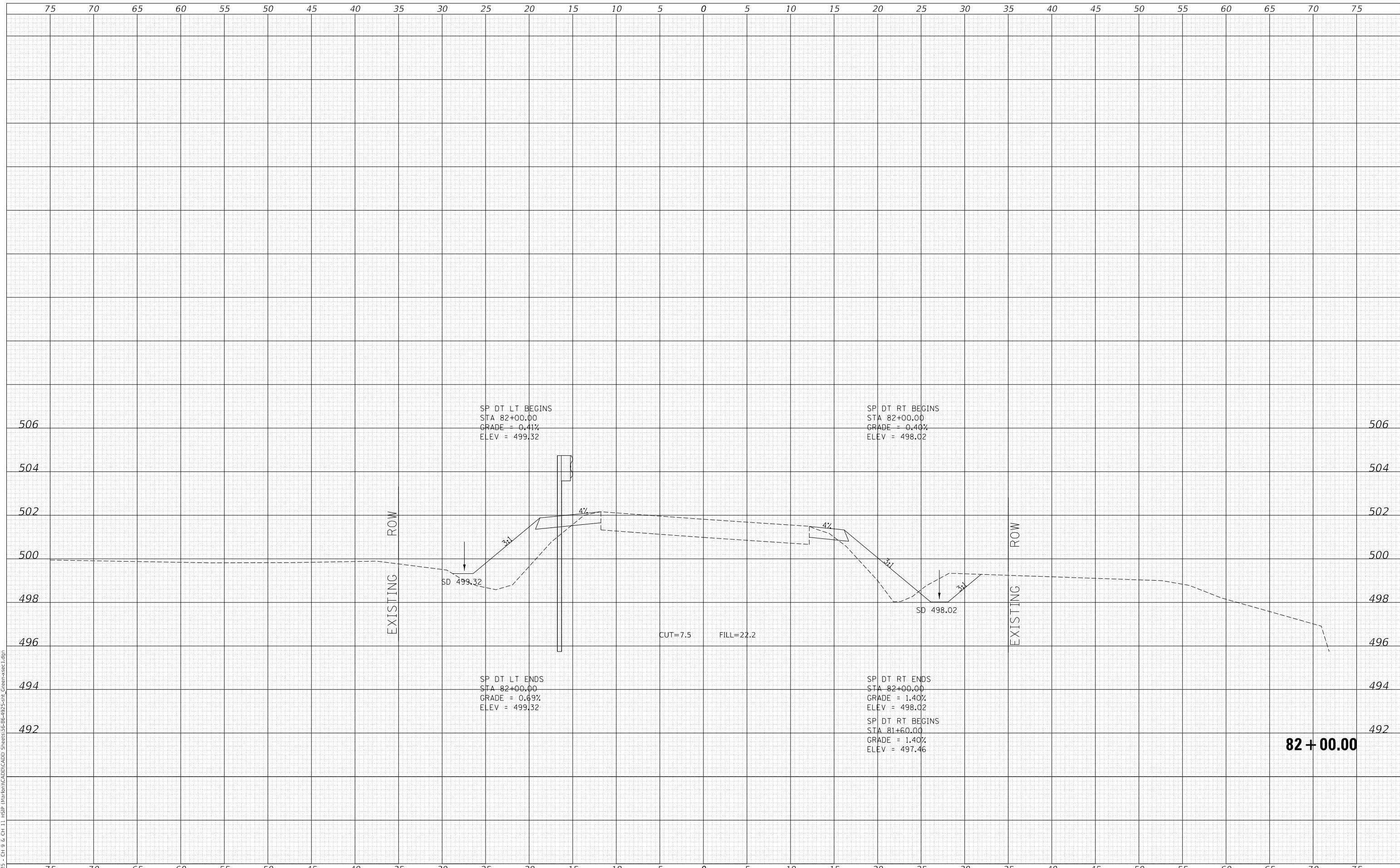
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	71
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS		FED. AID PROJECT		

**81 + 00.00**

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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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 2023



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**Hutchison Engineering, Inc.**  
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 CARBONDALE • MOKLENE  
 Illinois Professional Design Firm No. 184-000825

USER NAME	= jwhite
DESIGNED	- AWM
DRAWN	- HRC
CHECKED	- CMB
DATE	- 8-2-2022
PLLOT SCALE	= 10.0000 ' / in.
PLLOT DATE	= 10/23/2023

DESIGNED	- AWM	REVISED	-
DRAWN	- HRC	REVISED	-
CHECKED	- CMB	REVISED	-
DATE	- 8-2-2022	REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 11 - GREEN STREET  
 CROSS SECTIONS**

SCALE: 1"=5'H, 2'V    SHEET 16    OF 125 SHEETS    STA. 82+00.00    TO STA. 82+00.00

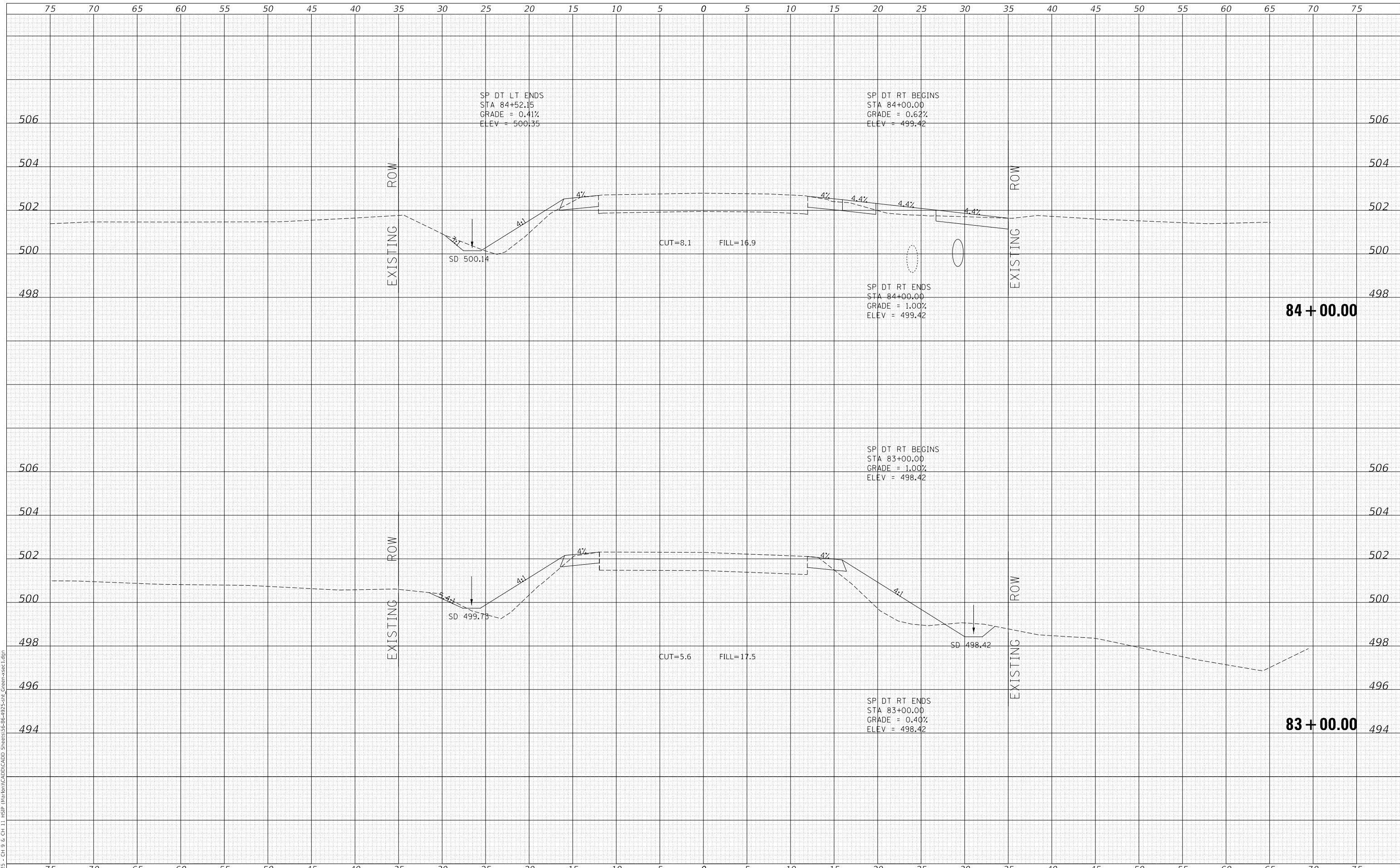
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	72
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS		FED. AID PROJECT		



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FINAL SURVEY	SURVEYED
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 Illinois Professional Design Firm No. 184-000825

USER NAME = jwhite	DESIGNED - AWM	REVISED -
	DRAWN - HRC	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - CMB	REVISED -
PLOT DATE = 10/23/2023	DATE - 8-2-2022	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

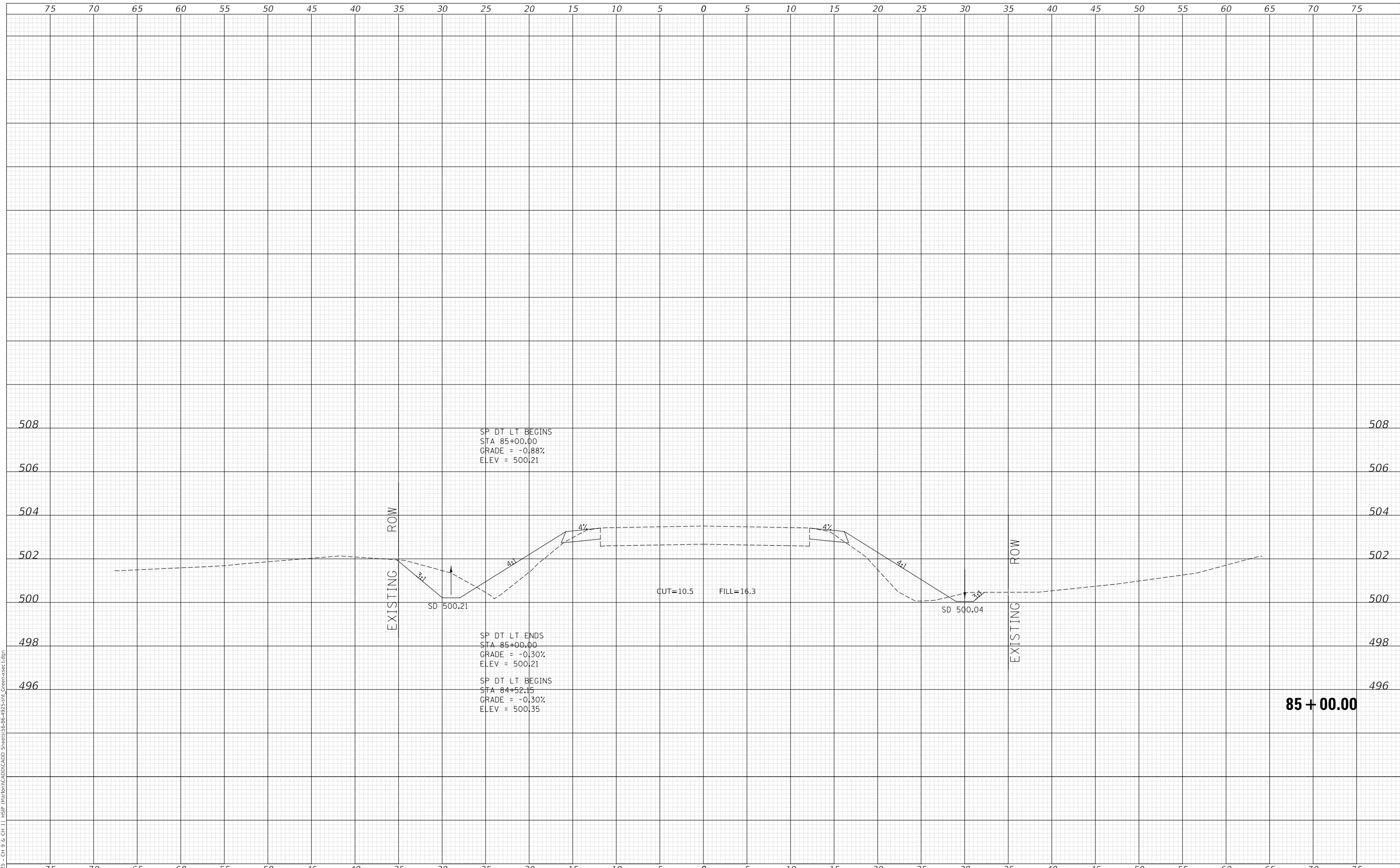
**COUNTY HIGHWAY 11 - GREEN STREET  
 CROSS SECTIONS**  
 SCALE: 1"=5'H, 2'V SHEET 17 OF 125 SHEETS STA. 83+00.00 TO STA. 84+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	73
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS FED. AID PROJECT				

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 Illinois Professional Design Firm No. 184-000825

USER NAME	= jwhite
PLOT SCALE	= 10.0000 ' / in.
PLOT DATE	= 10/23/2023

DESIGNED	- AWM
DRAWN	- HRC
CHECKED	- CMB
DATE	- 8-2-2022

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REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

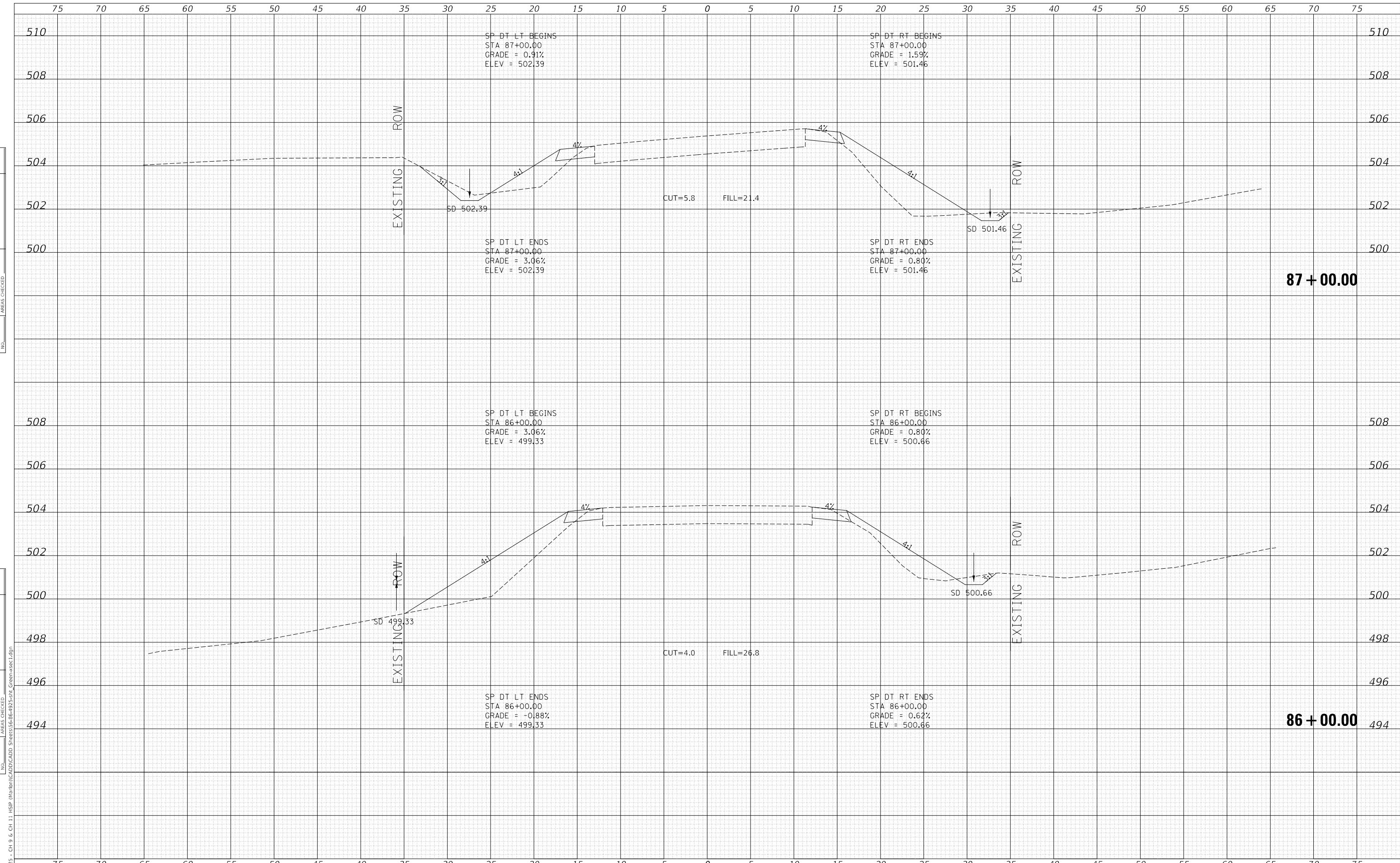
**COUNTY HIGHWAY 11 - GREEN STREET  
 CROSS SECTIONS**

SCALE: 1"=5'H, 2'V SHEET 18 OF 125 SHEETS STA. 85+00.00 TO STA. 85+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	74
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS		FED. AID PROJECT		

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USER NAME = jwhite	DESIGNED - AWM	REVISED -
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	DATE - 8-2-2022	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

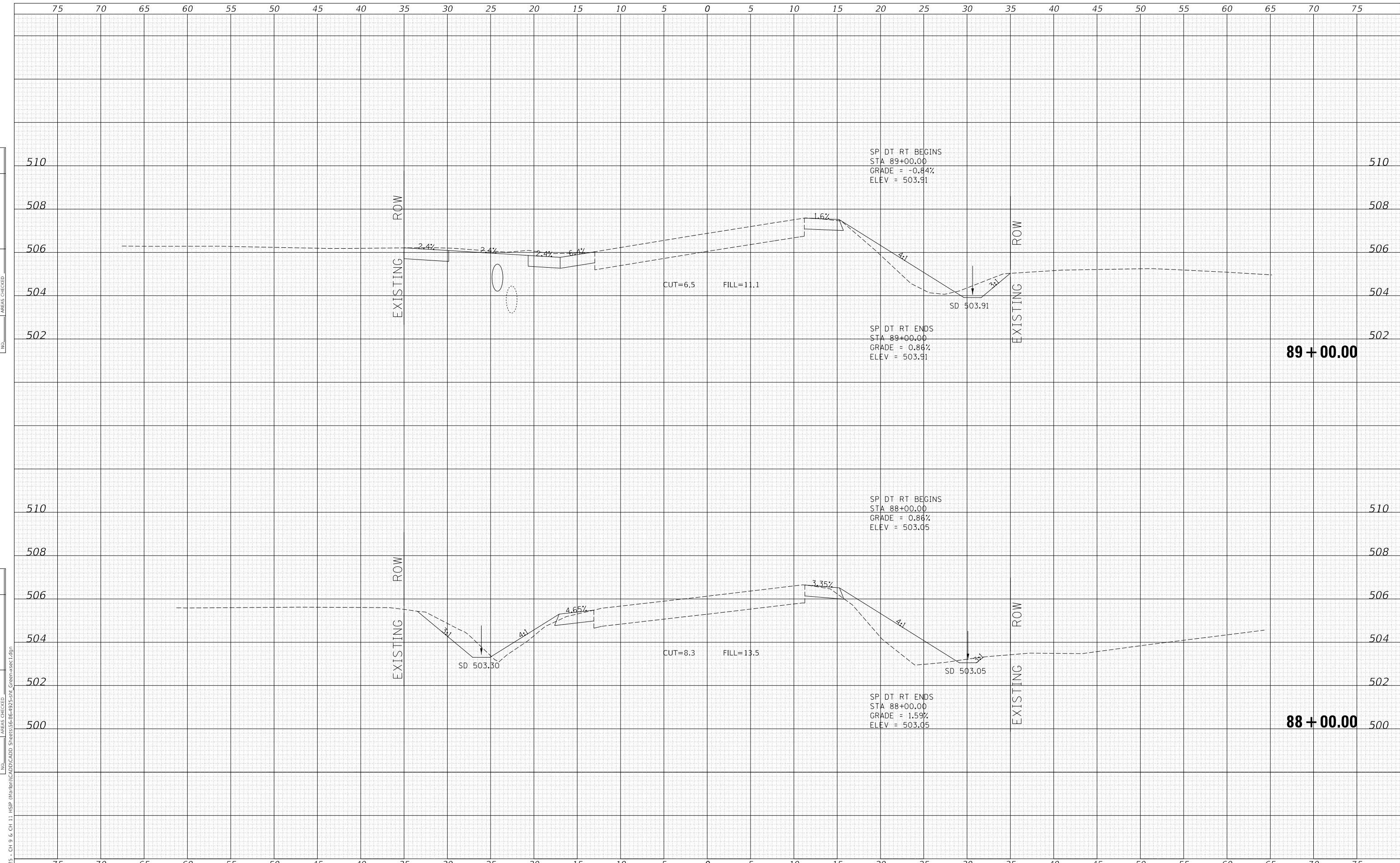
**COUNTY HIGHWAY 11 - GREEN STREET  
CROSS SECTIONS**

SCALE: 1"=5'H, 2'V SHEET 19 OF 125 SHEETS STA. 86+00.00 TO STA. 87+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	75
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS FED. AID PROJECT				

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USER NAME = jwhite	DESIGNED - AWM	REVISD -
	DRAWN - HRC	REVISD -
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PLOT DATE = 10/23/2023	DATE - 8-2-2022	REVISD -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

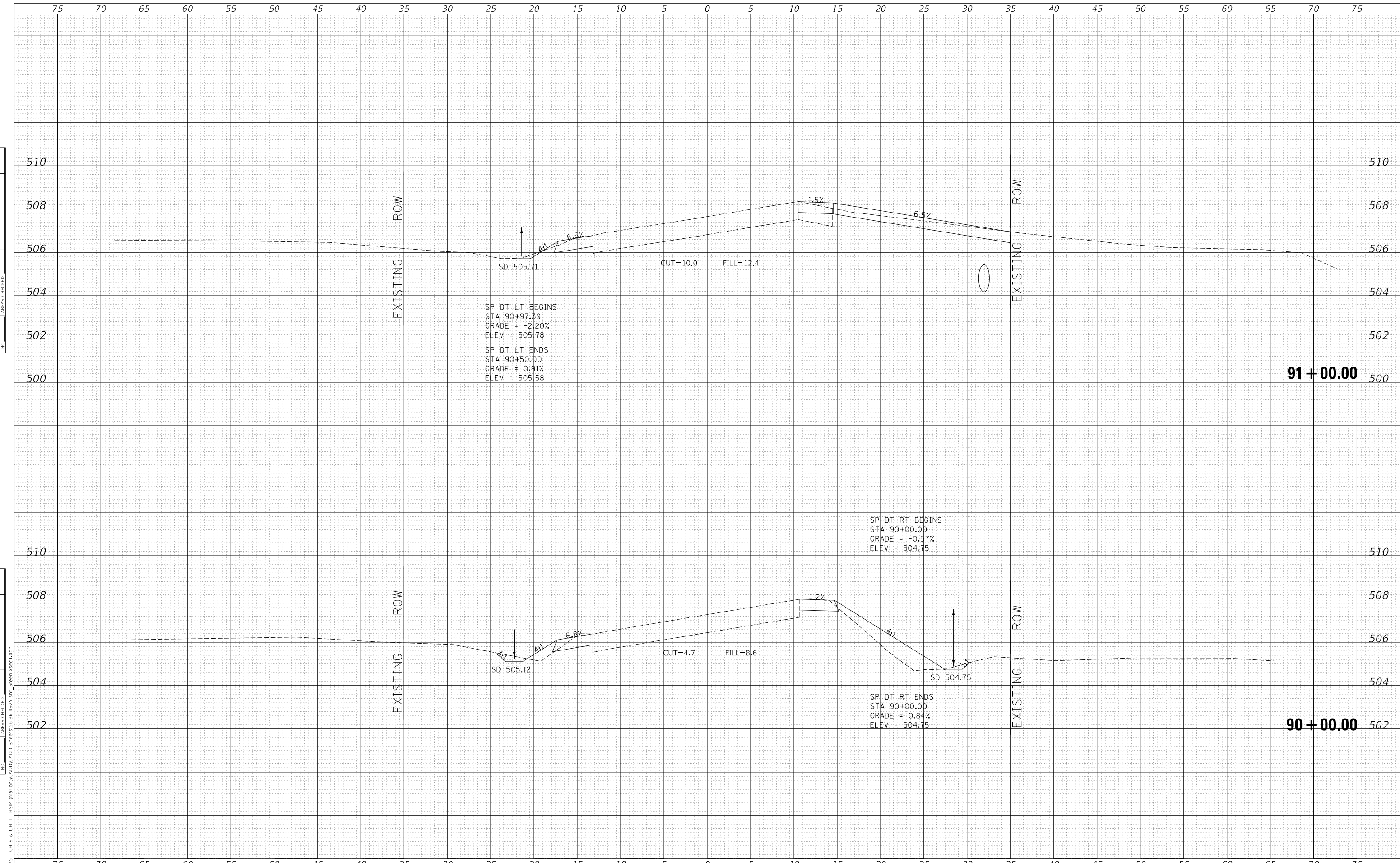
**COUNTY HIGHWAY 11 - GREEN STREET  
 CROSS SECTIONS**

SCALE: 1"=5'H, 2'V    SHEET 20    OF 125 SHEETS    STA. 88+00.00    TO STA. 89+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	76
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS		FED. AID PROJECT		

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USER NAME = jwhite	DESIGNED - AWM	REVISD -
	DRAWN - HRC	REVISD -
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PLOT DATE = 10/23/2023	DATE - 8-2-2022	REVISD -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

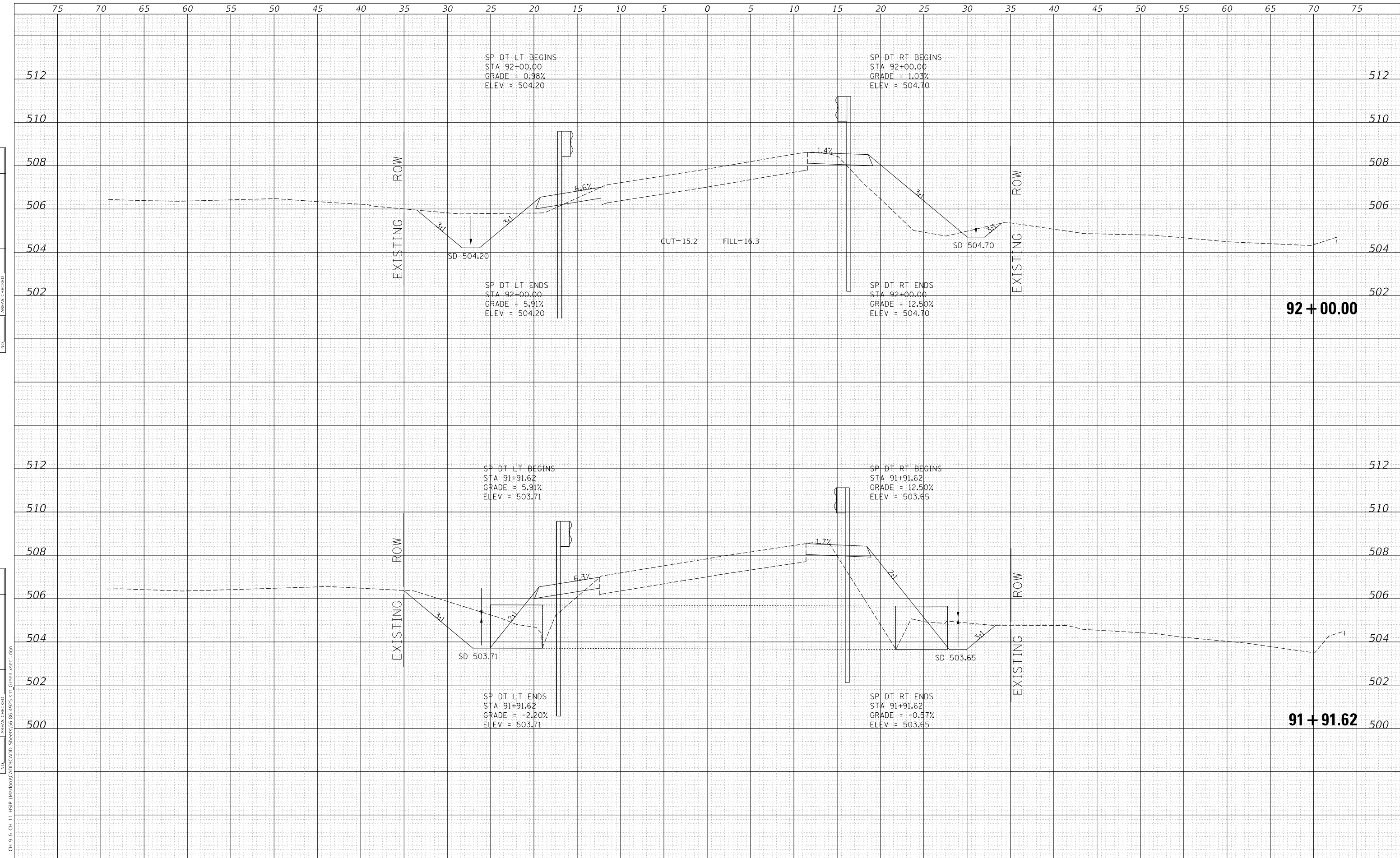
**COUNTY HIGHWAY 11 - GREEN STREET  
CROSS SECTIONS**

SCALE: 1"=5'H, 2'V SHEET 21 OF 125 SHEETS STA. 90+00.00 TO STA. 91+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	77
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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USER NAME = jwhite	DESIGNED - AWM	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN - HRC	REVISED -
PLOT DATE = 10/23/2023	CHECKED - CMB	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

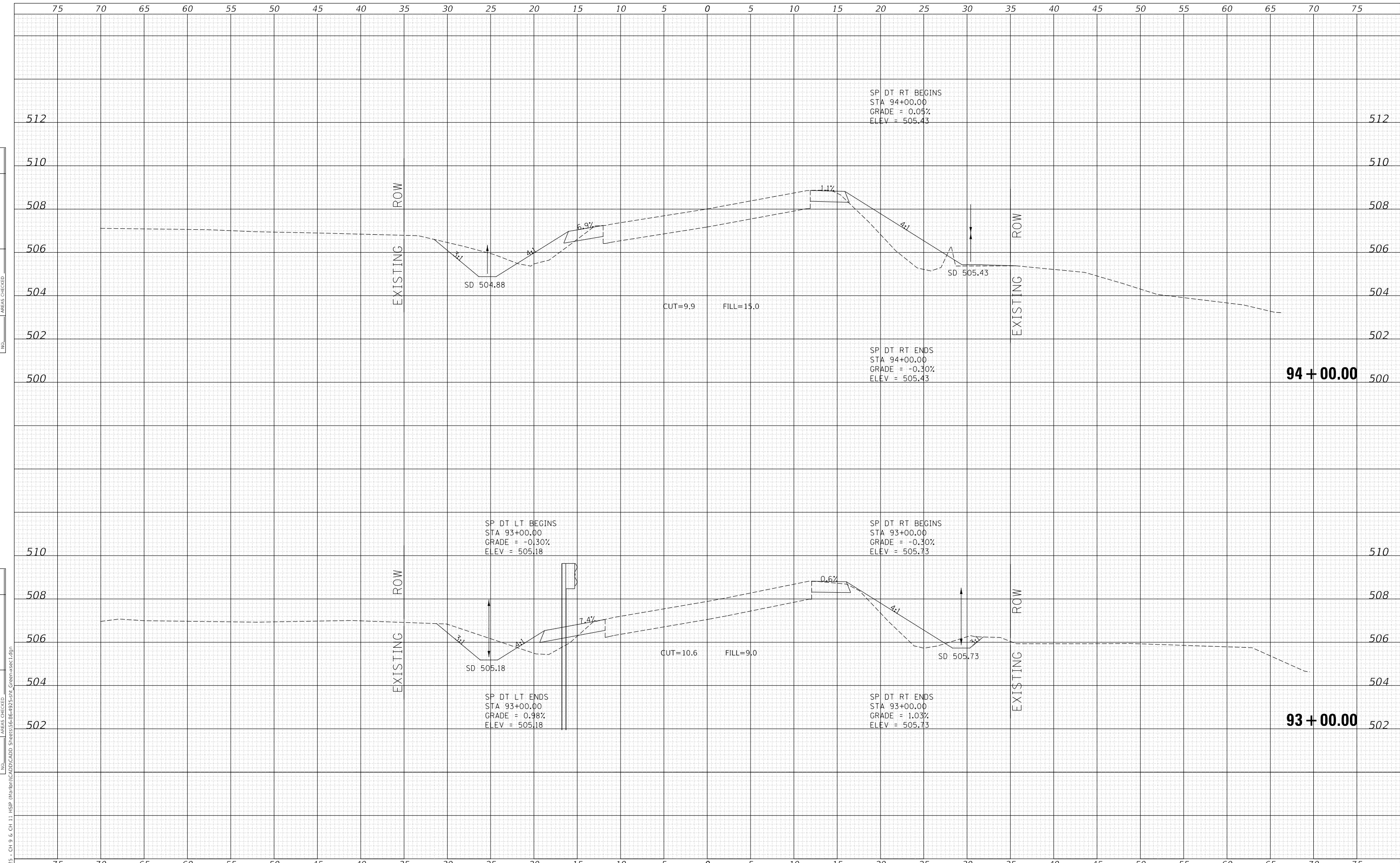
**COUNTY HIGHWAY 11 - GREEN STREET  
CROSS SECTIONS**

SCALE: 1"=5'H, 2'V SHEET 22 OF 125 SHEETS STA. 91+91.62 TO STA. 92+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	78
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS FED. AID PROJECT				

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NOTE BOOK	PLOTTED
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 JOB# 4925

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	DRAWN - HRC	REVISD -
PLOT SCALE = 10.0000' / in.	CHECKED - CMB	REVISD -
PLOT DATE = 10/23/2023	DATE - 8-2-2022	REVISD -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

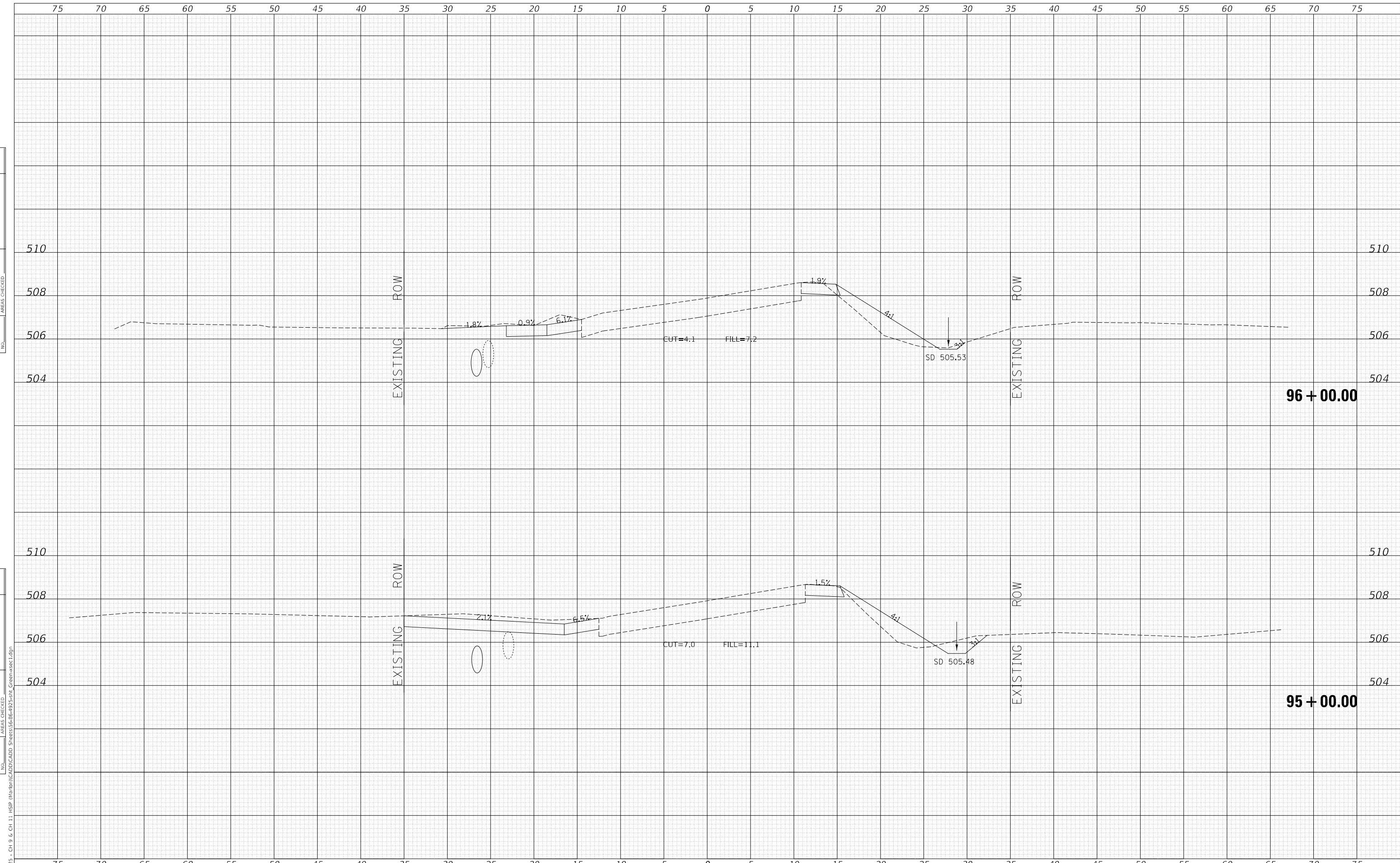
**COUNTY HIGHWAY 11 - GREEN STREET  
 CROSS SECTIONS**

SCALE: 1"=5'H, 2'V    SHEET 23    OF 125 SHEETS    STA. 93+00.00    TO STA. 94+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	79
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS FED. AID PROJECT				

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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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USER NAME = jwhite	DESIGNED - AWM	REVISD -
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PLOT SCALE = 10.0000 ' / in.	CHECKED - CMB	REVISD -
PLOT DATE = 10/23/2023	DATE - 8-2-2022	REVISD -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 11 - GREEN STREET  
 CROSS SECTIONS**

SCALE: 1"=5'H, 2'V    SHEET 24    OF 125 SHEETS    STA. 95+00.00    TO STA. 96+00.00

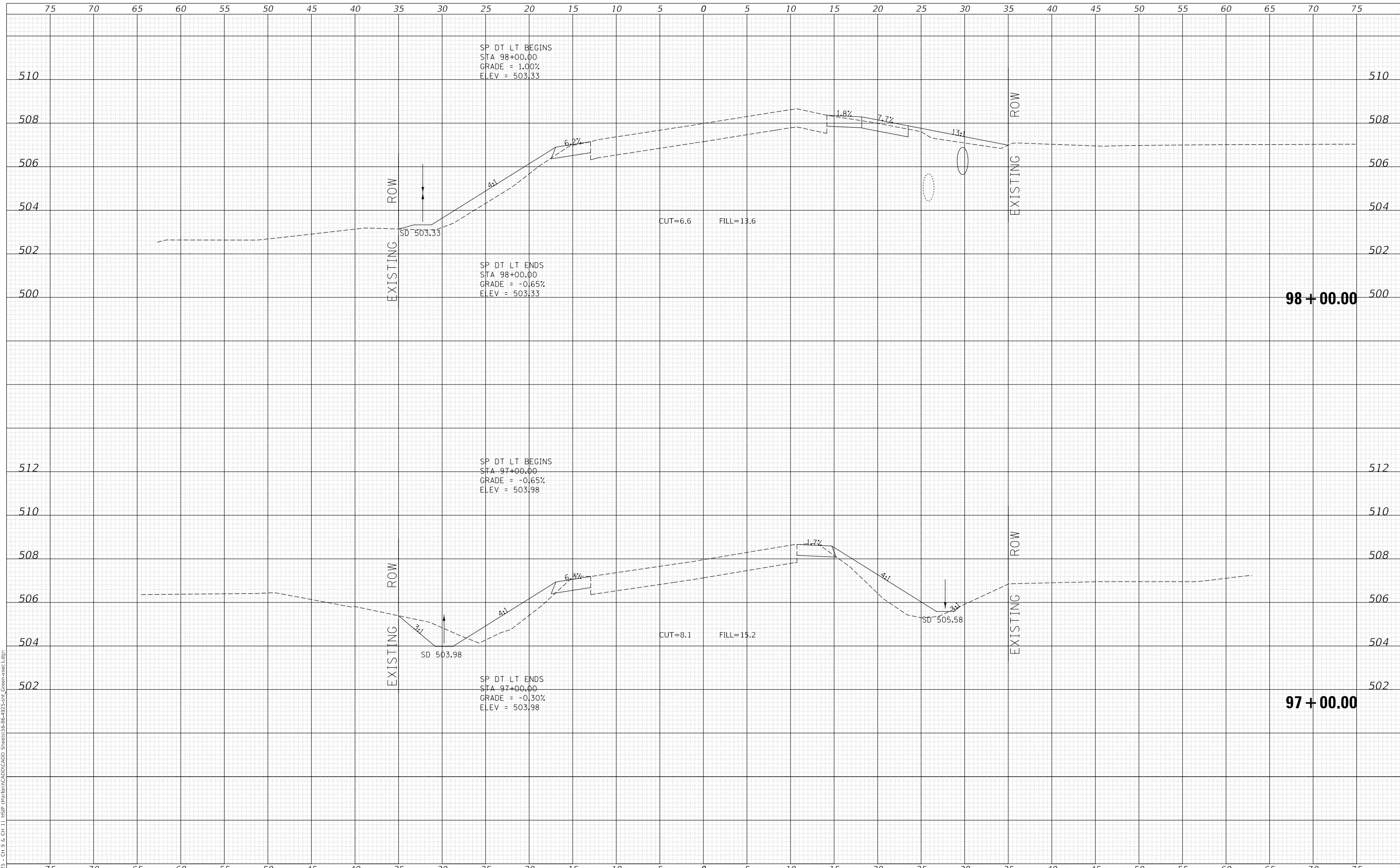
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	80
* F.A.S. 792 & F.A.U. 8591		CONTRACT NO. 97820		
ILLINOIS		FED. AID PROJECT		



DATE	
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FINAL SURVEY	SURVEYED
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USER NAME	= jwhite
DESIGNED	- AWM
DRAWN	- HRC
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DATE	- 8-2-2022
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

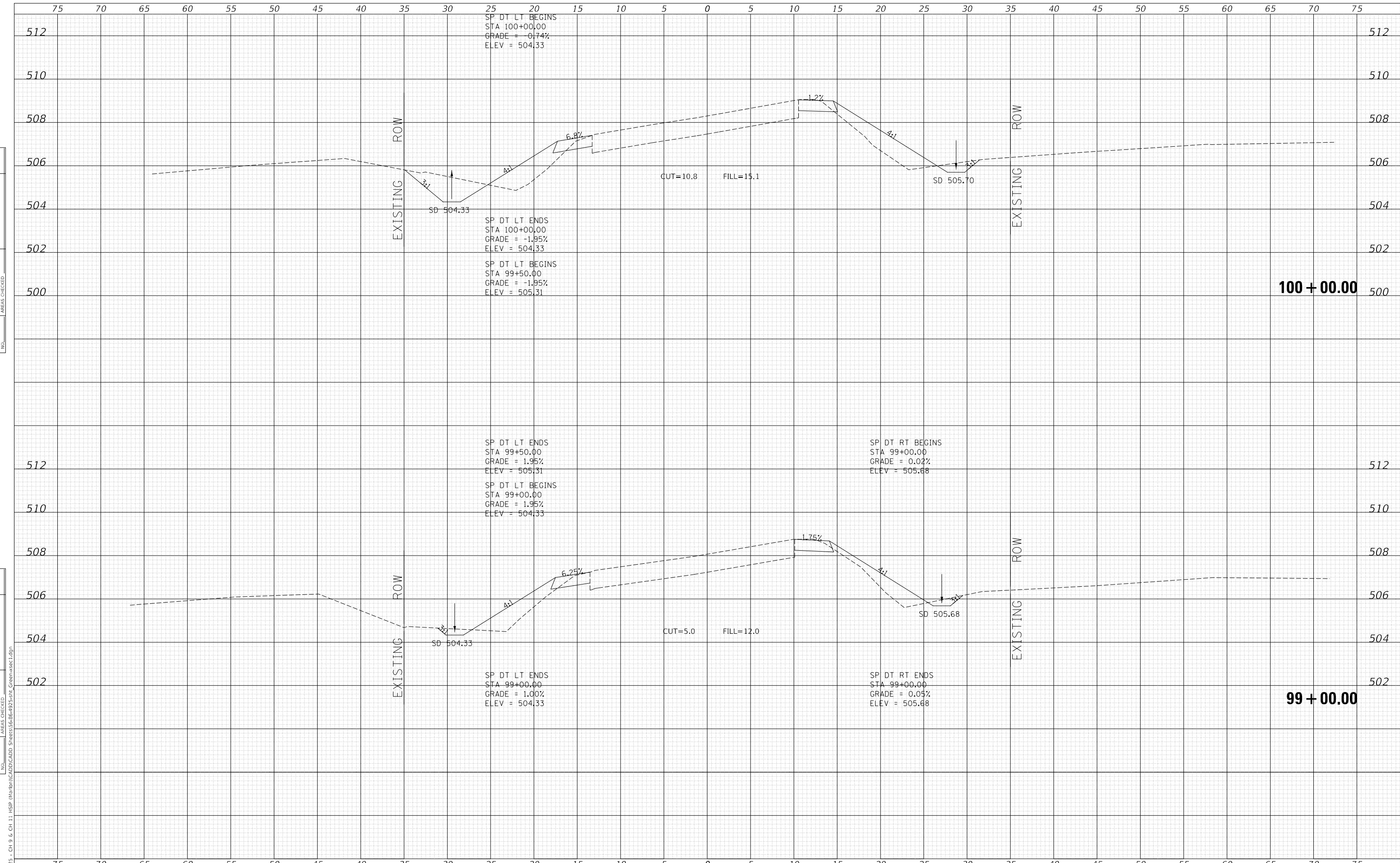
**COUNTY HIGHWAY 11 - GREEN STREET  
 CROSS SECTIONS**

SCALE: 1"=5'H, 2'V SHEET 25 OF 125 SHEETS STA. 97+00.00 TO STA. 98+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	81
* F.A.S. 792 & F.A.U. 8591		CONTRACT NO. 97820		
ILLINOIS		FED. AID PROJECT		

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

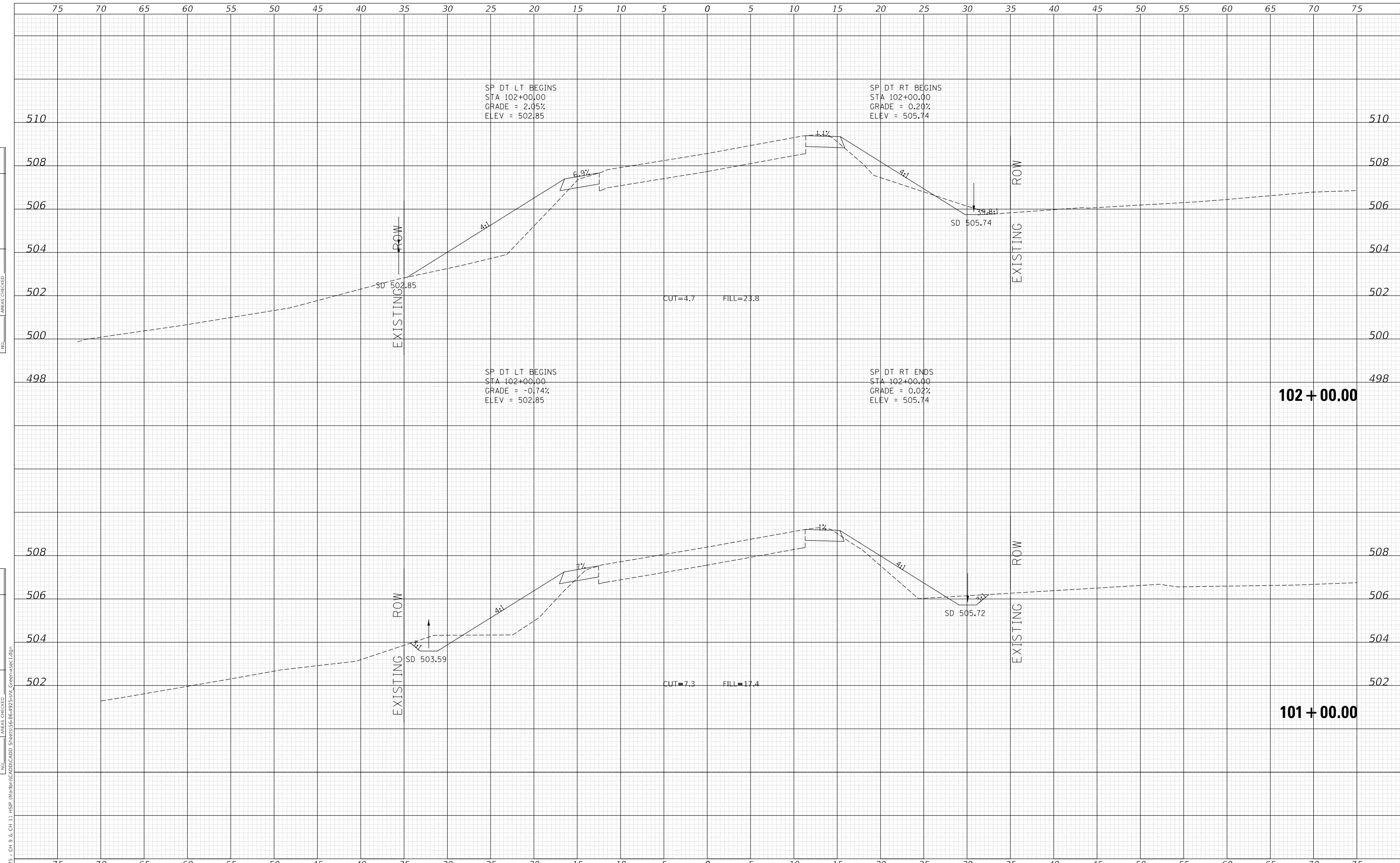
**COUNTY HIGHWAY 11 - GREEN STREET  
CROSS SECTIONS**

SCALE: 1"=5'H, 2'V SHEET 26 OF 125 SHEETS STA. 99+00.00 TO STA. 100+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	82
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS		FED. AID PROJECT		

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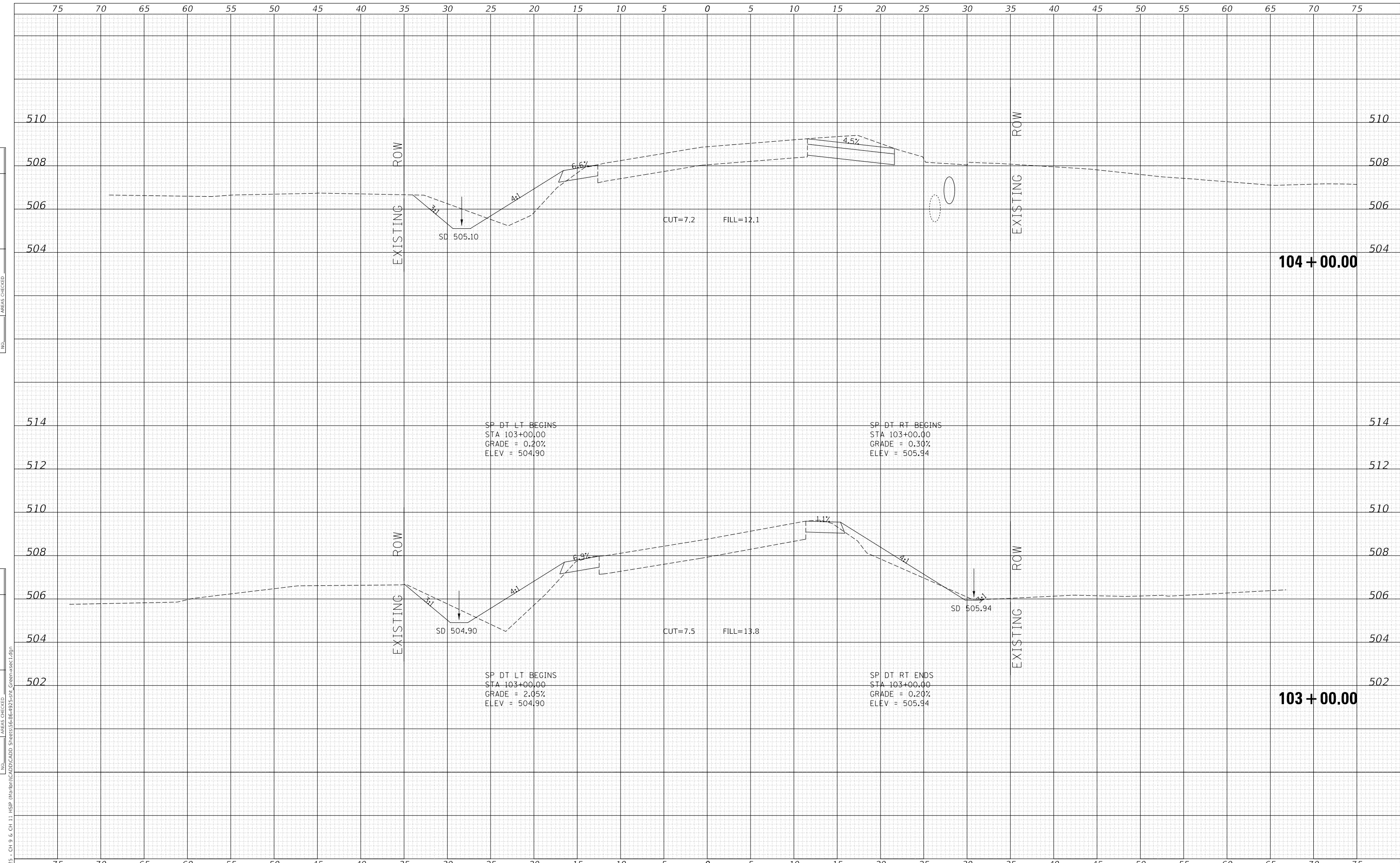
**COUNTY HIGHWAY 11 - GREEN STREET  
 CROSS SECTIONS**

SCALE: 1"=5'H, 2'V    SHEET 27 OF 125 SHEETS    STA. 101+00.00 TO STA. 102+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	83
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS		FED. AID PROJECT		

DATE	
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 2023  
 JOB# 4925

USER NAME = jwhite	DESIGNED - AWM	REVISED -
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PLOT SCALE = 10.0000' / in.	CHECKED - CMB	REVISED -
PLOT DATE = 10/23/2023	DATE - 8-2-2022	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

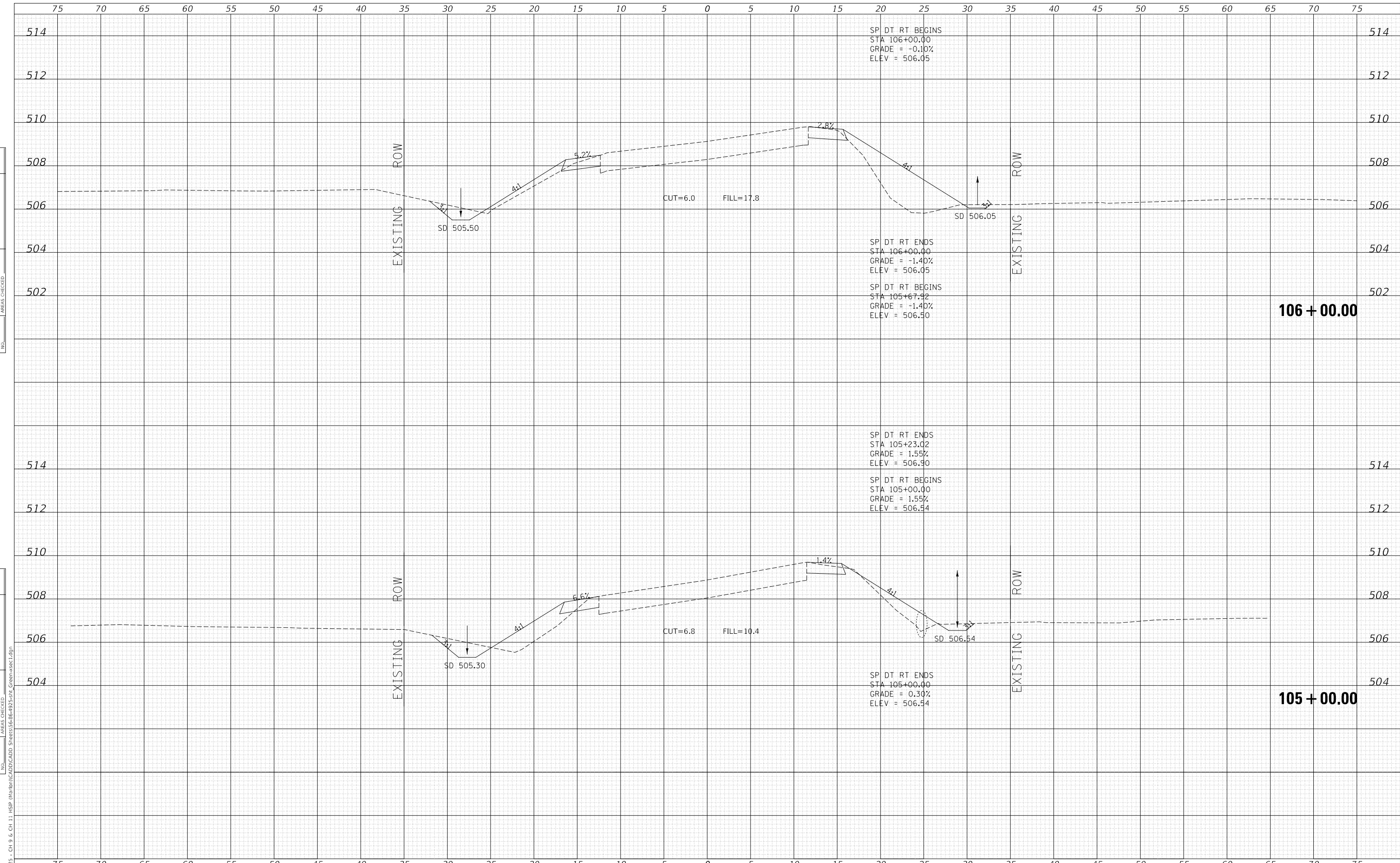
**COUNTY HIGHWAY 11 - GREEN STREET  
 CROSS SECTIONS**

SCALE: 1"=5'H, 2'V SHEET 28 OF 125 SHEETS STA. 103+00.00 TO STA. 104+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	84
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS FED. AID PROJECT				

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USER NAME = jwhite	DESIGNED - AWM	REVISD -
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PLOT DATE = 10/23/2023	DATE - 8-2-2022	REVISD -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 11 - GREEN STREET  
CROSS SECTIONS**

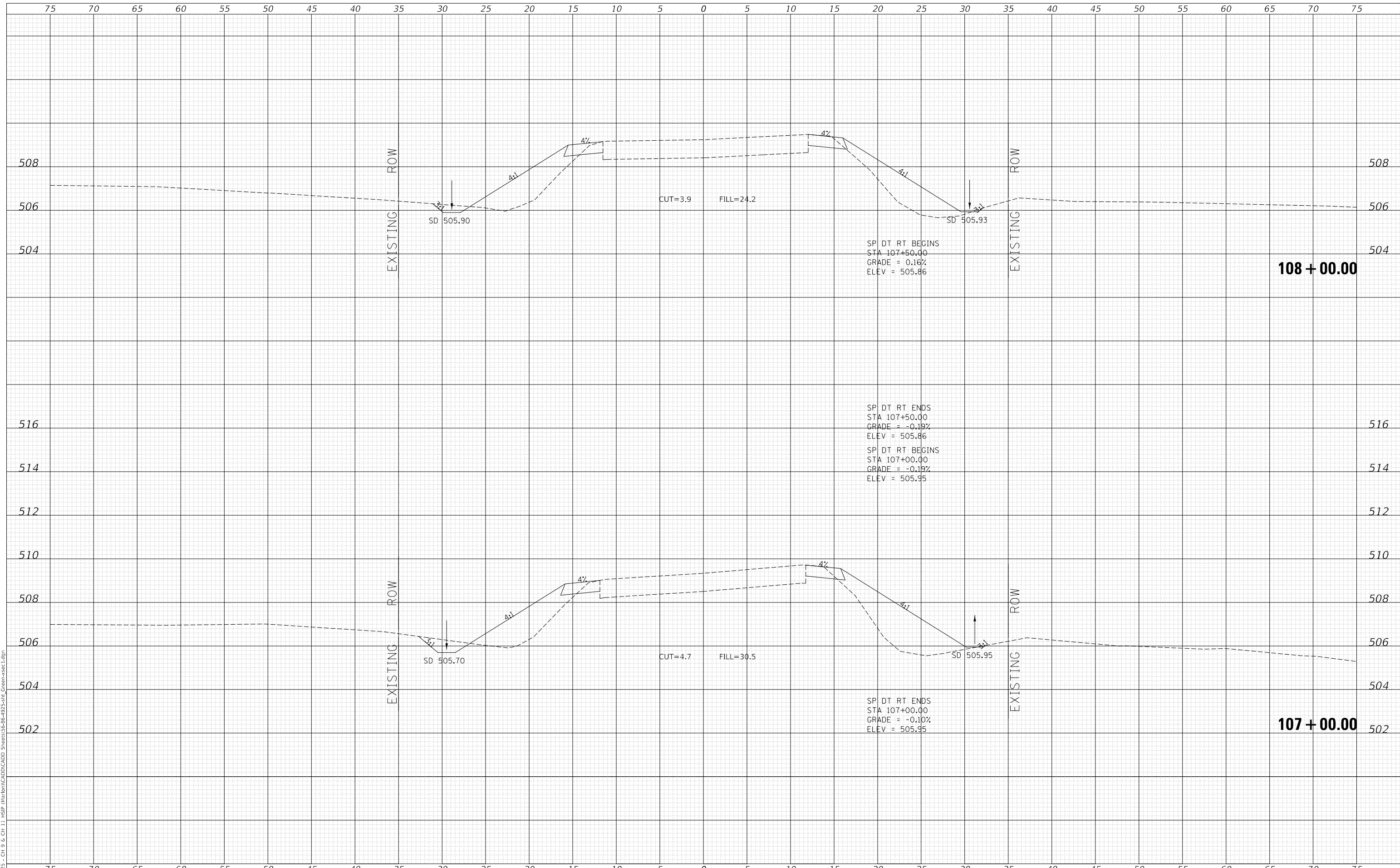
SCALE: 1"=5'H, 2'V    SHEET 29 OF 125 SHEETS    STA. 105+00.00 TO STA. 106+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	85
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS FED. AID PROJECT				

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USER NAME	= jwhite
PLOT SCALE	= 10.0000 ' / in.
PLOT DATE	= 10/23/2023

DESIGNED	- AWM
DRAWN	- HRC
CHECKED	- CMB
DATE	- 8-2-2022

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**STATE OF ILLINOIS  
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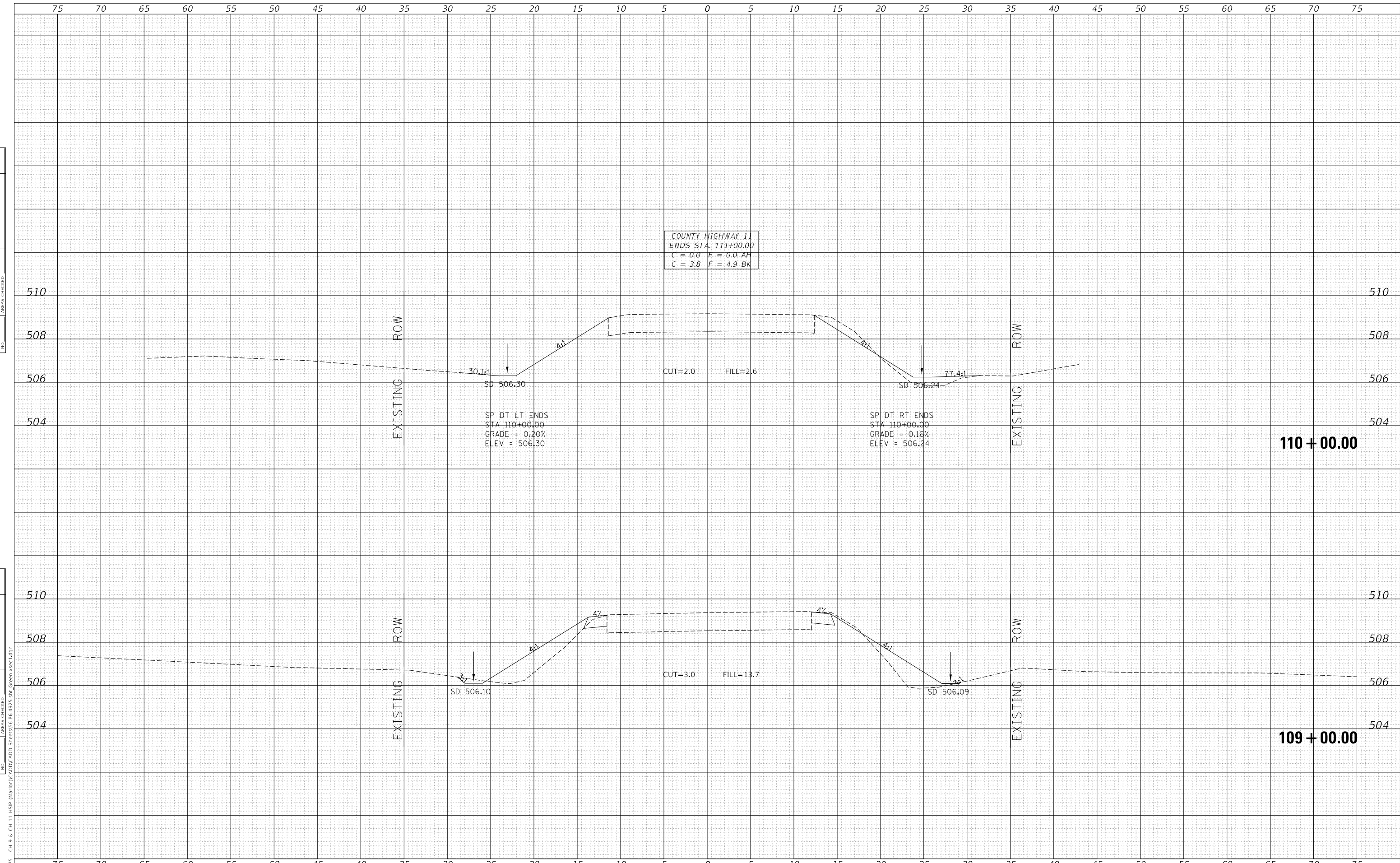
**COUNTY HIGHWAY 11 - GREEN STREET  
 CROSS SECTIONS**

SCALE: 1"=5'H, 2'V SHEET 30 OF 125 SHEETS STA. 107+00.00 TO STA. 108+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	86
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS		FED. AID PROJECT		

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FINAL SURVEY NO.	
SURVEYED PLOTTED TEMPLATE AREAS CHECKED	
NOTE BOOK NO.	
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ORIGINAL SURVEY NO.	
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NOTE BOOK NO.	
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	DRAWN - HRC	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - CMB	REVISED -
PLOT DATE = 10/23/2023	DATE - 8-2-2022	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

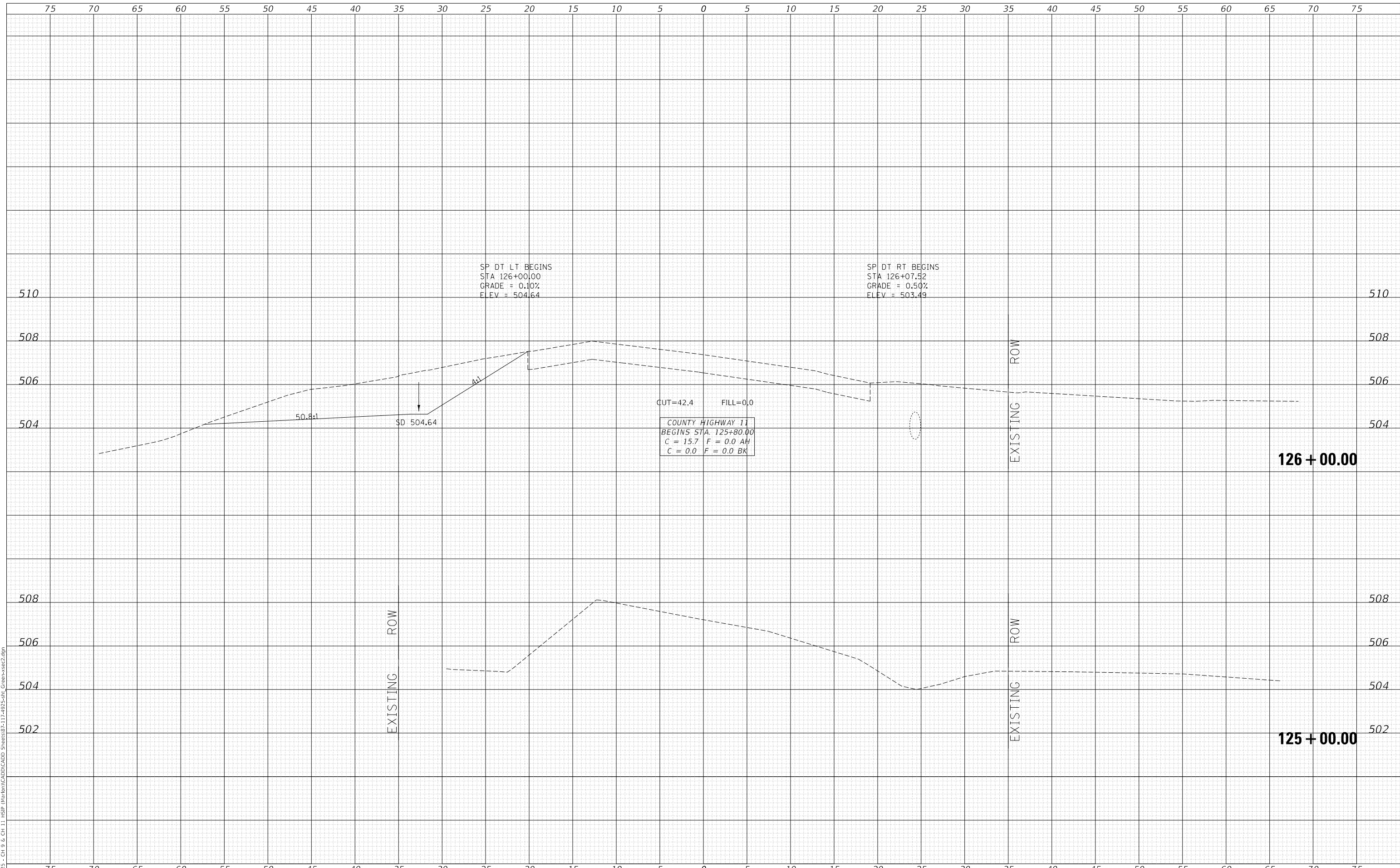
<b>COUNTY HIGHWAY 11 - GREEN STREET</b>	
<b>CROSS SECTIONS</b>	
SCALE: 1"=5'H, 2'V	SHEET 31 OF 125 SHEETS
STA. 109+00.00	TO STA. 110+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	87
* F.A.S. 792 & F.A.U. 8591		CONTRACT NO. 97820		
ILLINOIS		FED. AID PROJECT		

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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

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USER NAME	= jwhite
PLOT SCALE	= 10.0000 ' / in.
PLOT DATE	= 10/23/2023

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DATE	- 8-2-2022

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 11 - GREEN STREET  
 CROSS SECTIONS**

SCALE: 1"=5'H, 2'V SHEET 32 OF 125 SHEETS STA. 125+00.00 TO STA. 126+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	88
* F.A.S. 792 & F.A.U. 8591		CONTRACT NO. 97820		

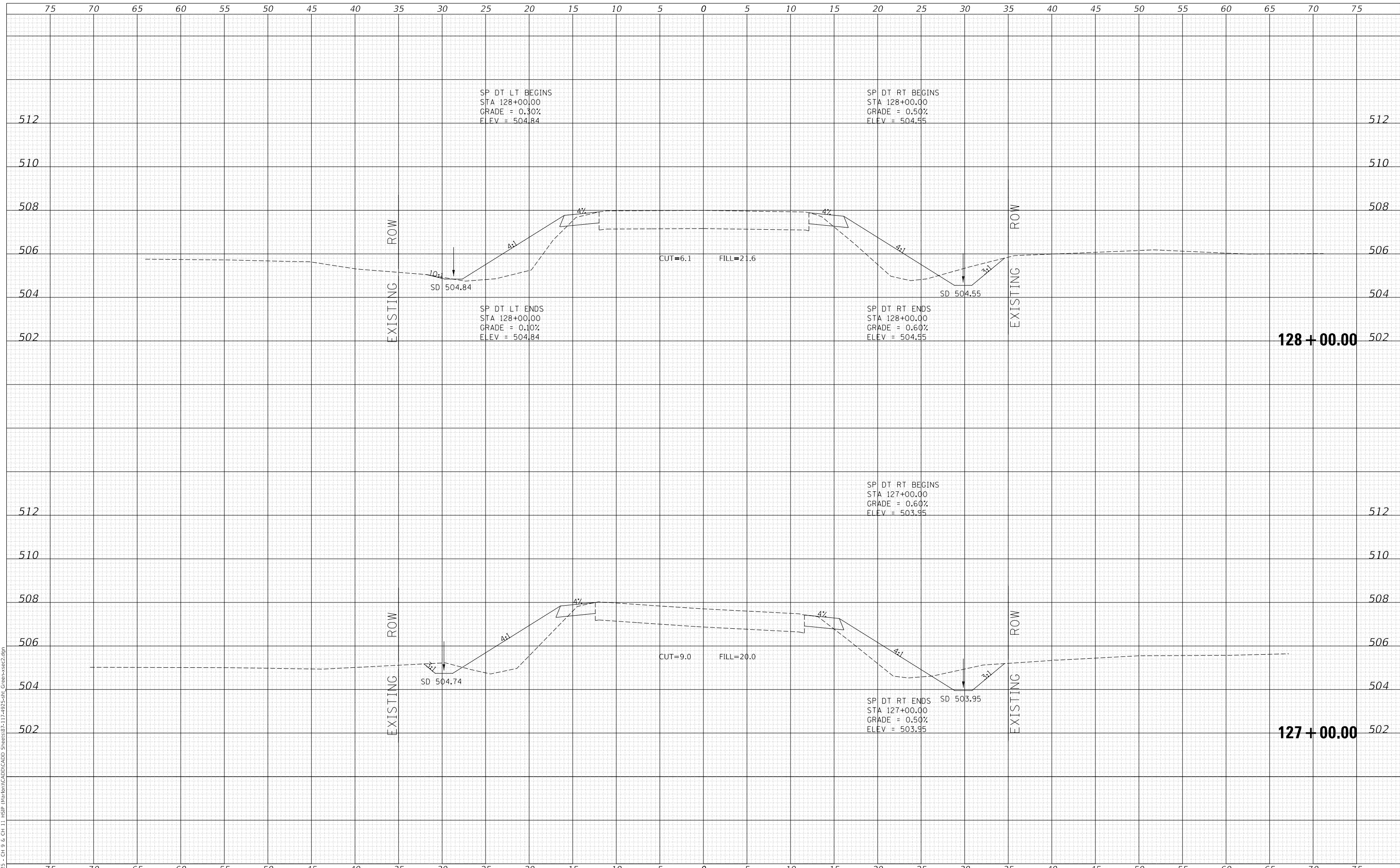
ILLINOIS FED. AID PROJECT



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USER NAME	= jwhite
PLOT SCALE	= 10.0000 ' / in.
PLOT DATE	= 10/23/2023

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 11 - GREEN STREET  
 CROSS SECTIONS**

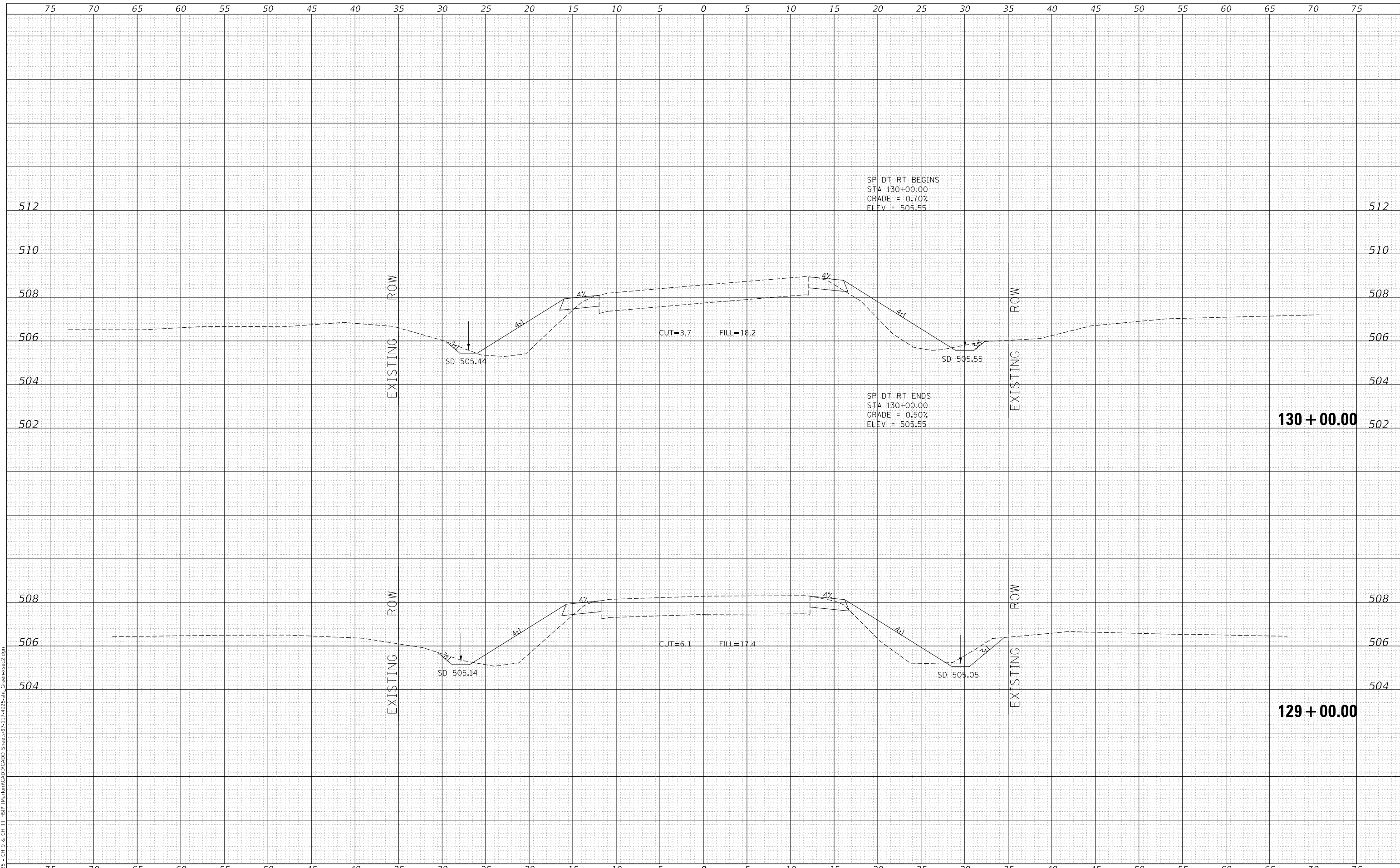
SCALE: 1"=5'H, 2'V SHEET 33 OF 125 SHEETS STA. 127+00.00 TO STA. 128+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	89
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS		FED. AID PROJECT		

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 Illinois Professional Design Firm No. 184-000825

USER NAME = jwhite  
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 PLOT DATE = 10/23/2023

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 11 - GREEN STREET  
 CROSS SECTIONS**

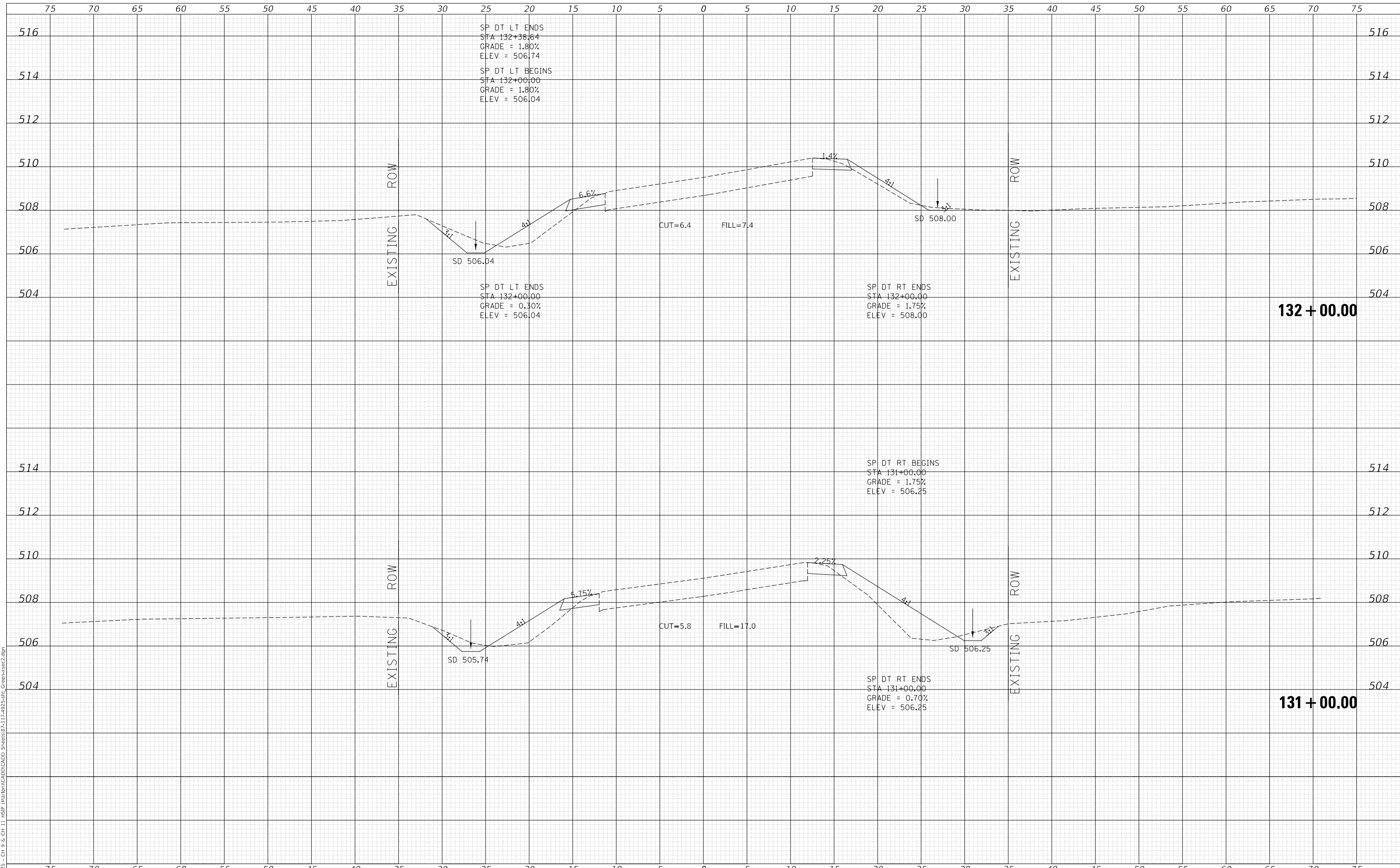
SCALE: 1"=5'H, 2'V SHEET 34 OF 125 SHEETS STA. 129+00.00 TO STA. 130+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	90
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS		FED. AID PROJECT		

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 Illinois Professional Design Firm No. 184-000825

USER NAME	= jwhite
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PLOT DATE	= 10/23/2023

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 11 - GREEN STREET  
 CROSS SECTIONS**

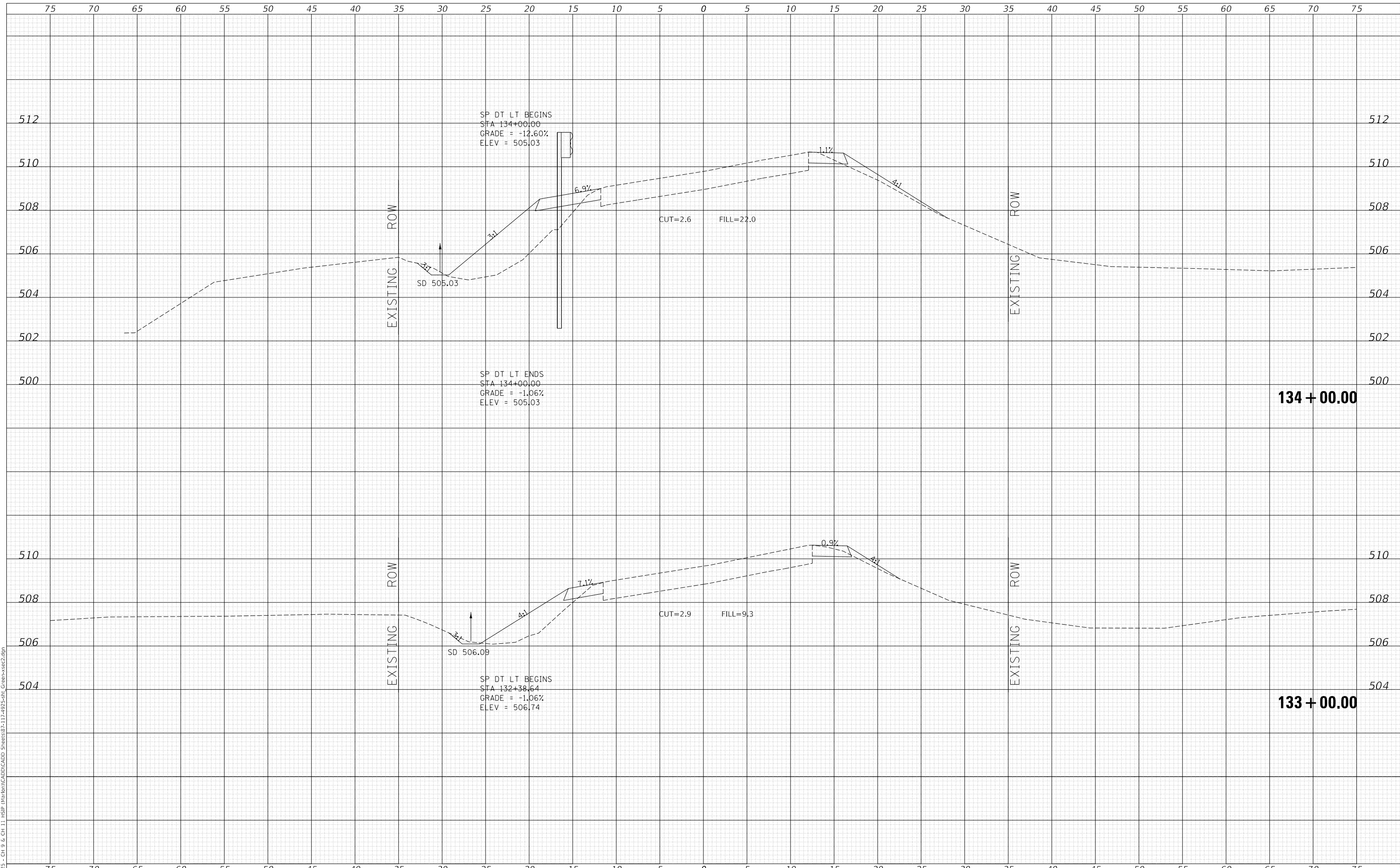
SCALE: 1"=5'H, 2'V SHEET 35 OF 125 SHEETS STA. 131+00.00 TO STA. 132+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	91
* F.A.S. 792 & F.A.U. 8591		CONTRACT NO. 97820		
ILLINOIS		FED. AID PROJECT		

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 Illinois Professional Design Firm No. 184-000825

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 11 - GREEN STREET  
 CROSS SECTIONS**

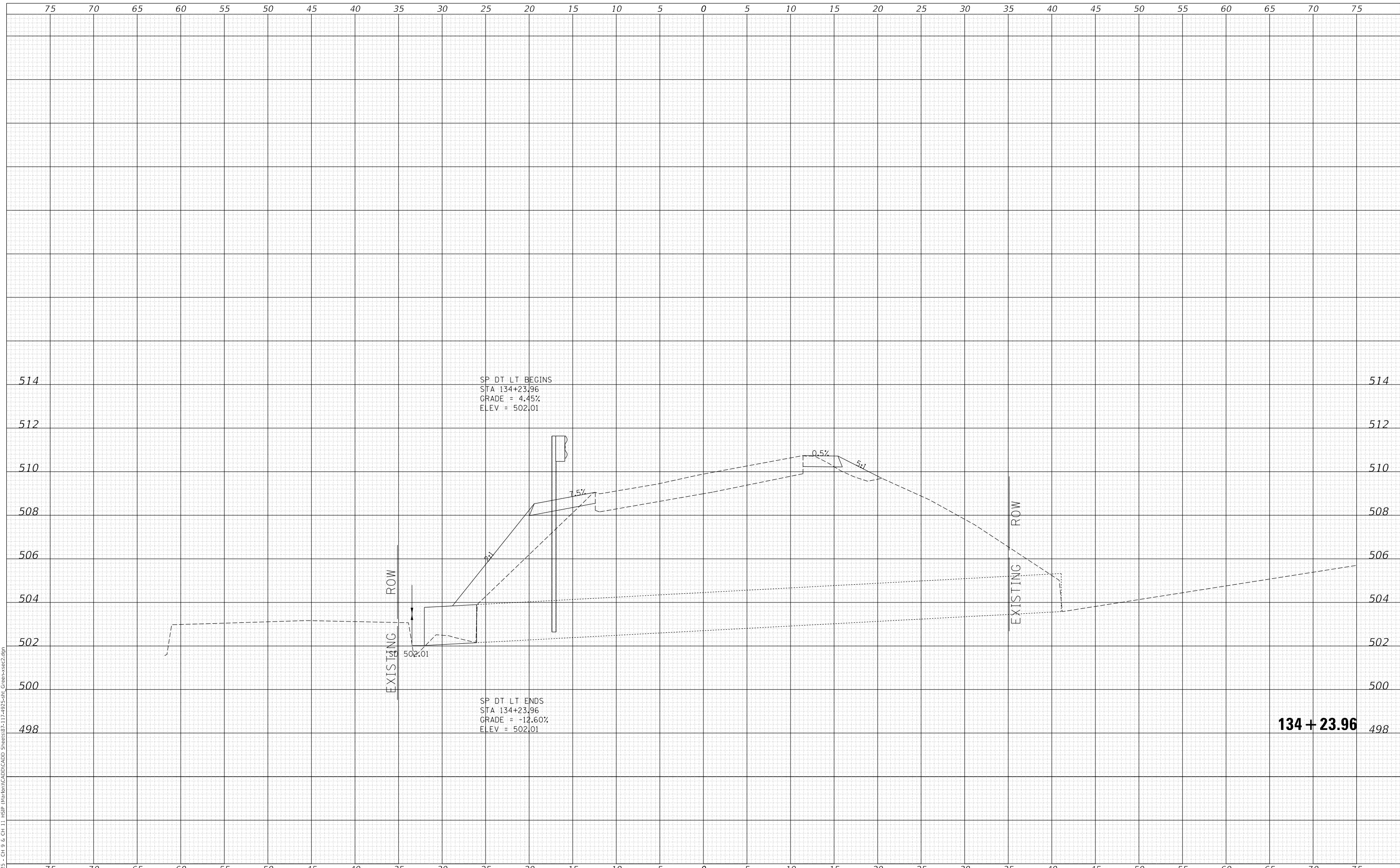
SCALE: 1"=5'H, 2'V SHEET 36 OF 125 SHEETS STA. 133+00.00 TO STA. 134+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	92
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS			FED. AID PROJECT	

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 11 - GREEN STREET  
 CROSS SECTIONS**

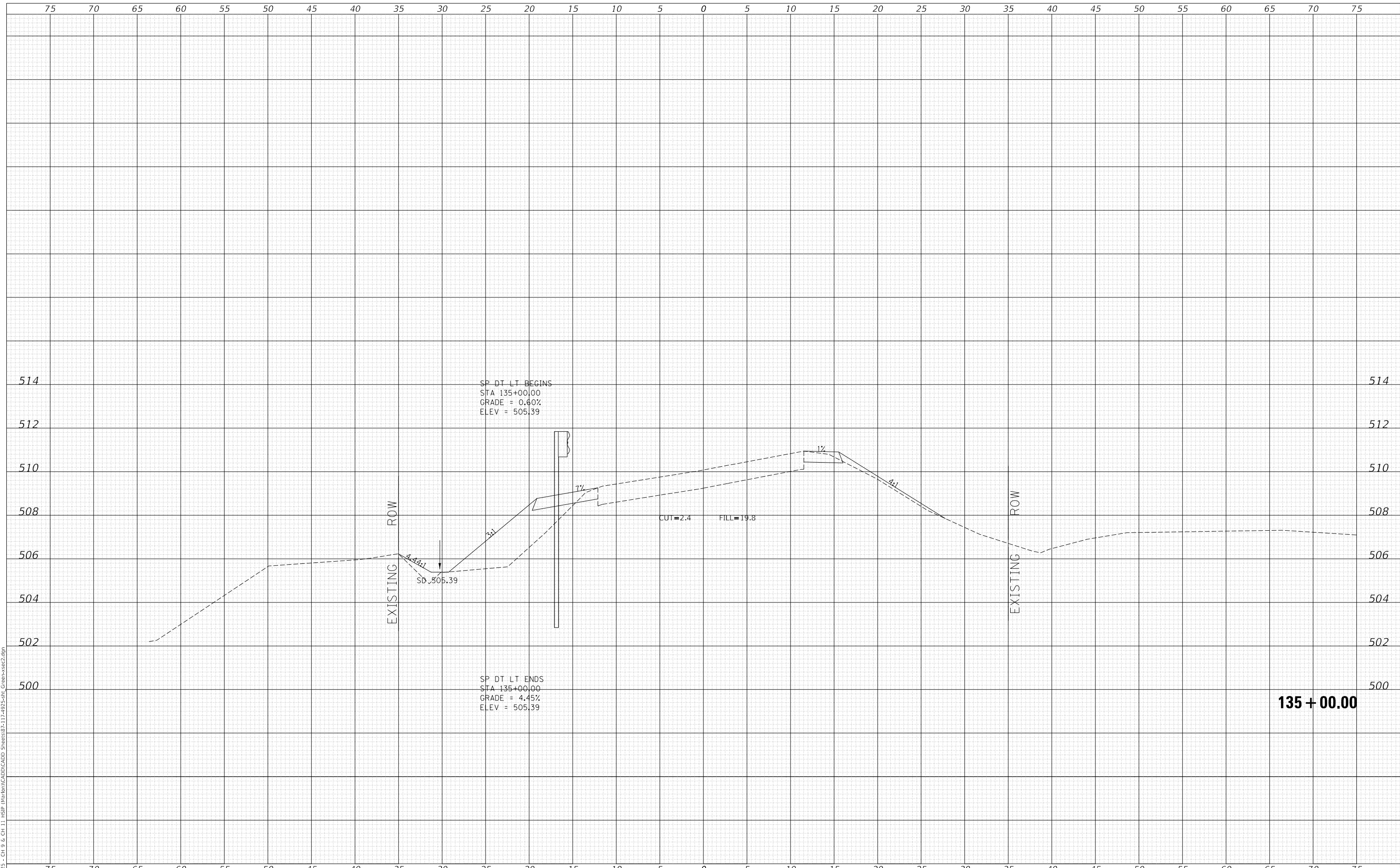
SCALE: 1"=5'H, 2'V SHEET 37 OF 125 SHEETS STA. 134+23.96 TO STA. 134+23.96

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	93
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS			FED. AID PROJECT	

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USER NAME = jwhite
PLOT SCALE = 10.0000 ' / in.
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 11 - GREEN STREET  
 CROSS SECTIONS**

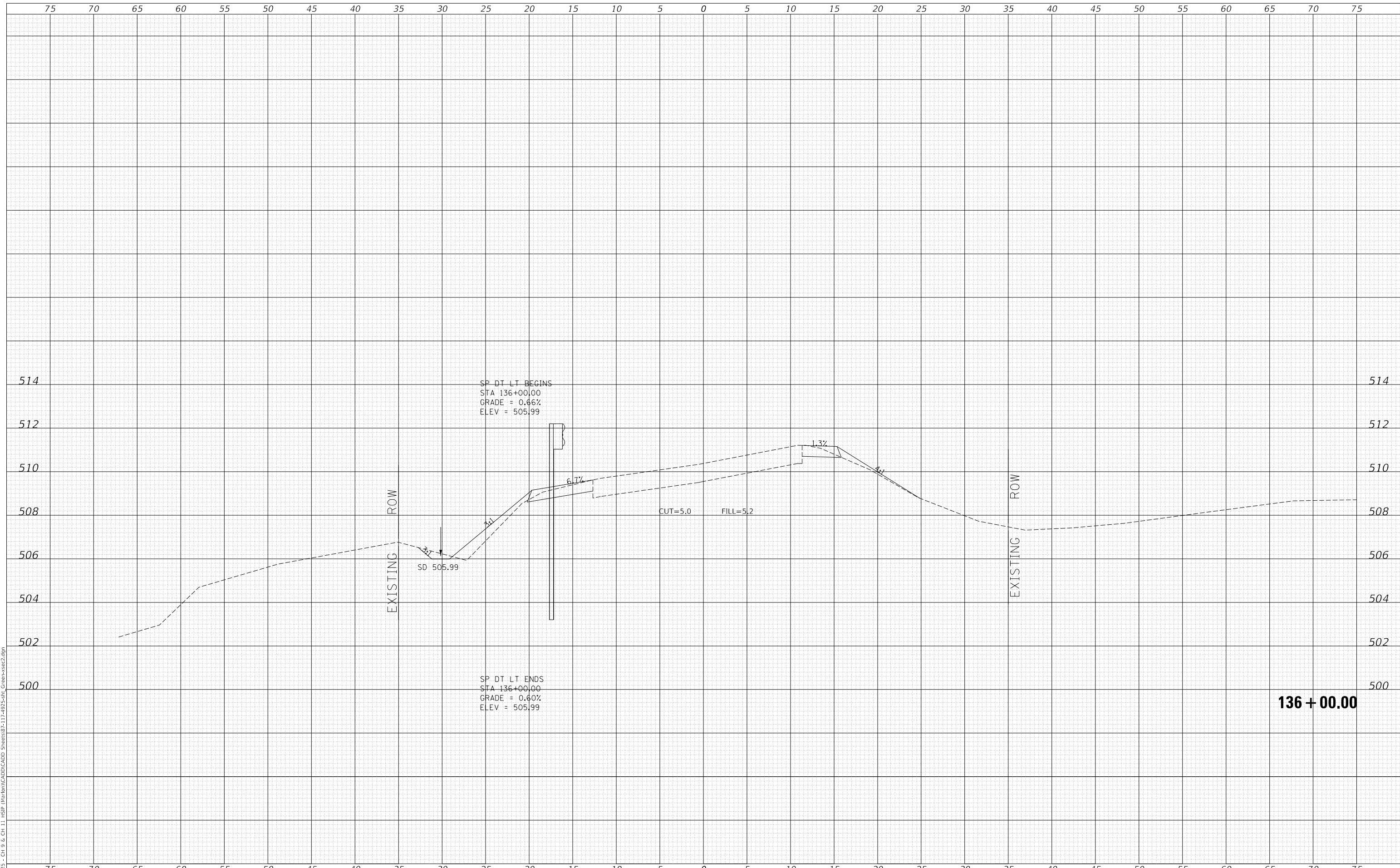
SCALE: 1"=5'H, 2'V SHEET 38 OF 125 SHEETS STA. 135+00.00 TO STA. 135+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	94
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 11 - GREEN STREET**  
**CROSS SECTIONS**  
 SCALE: 1"=5'H, 2'V SHEET 39 OF 125 SHEETS STA. 136+00.00 TO STA. 136+00.00

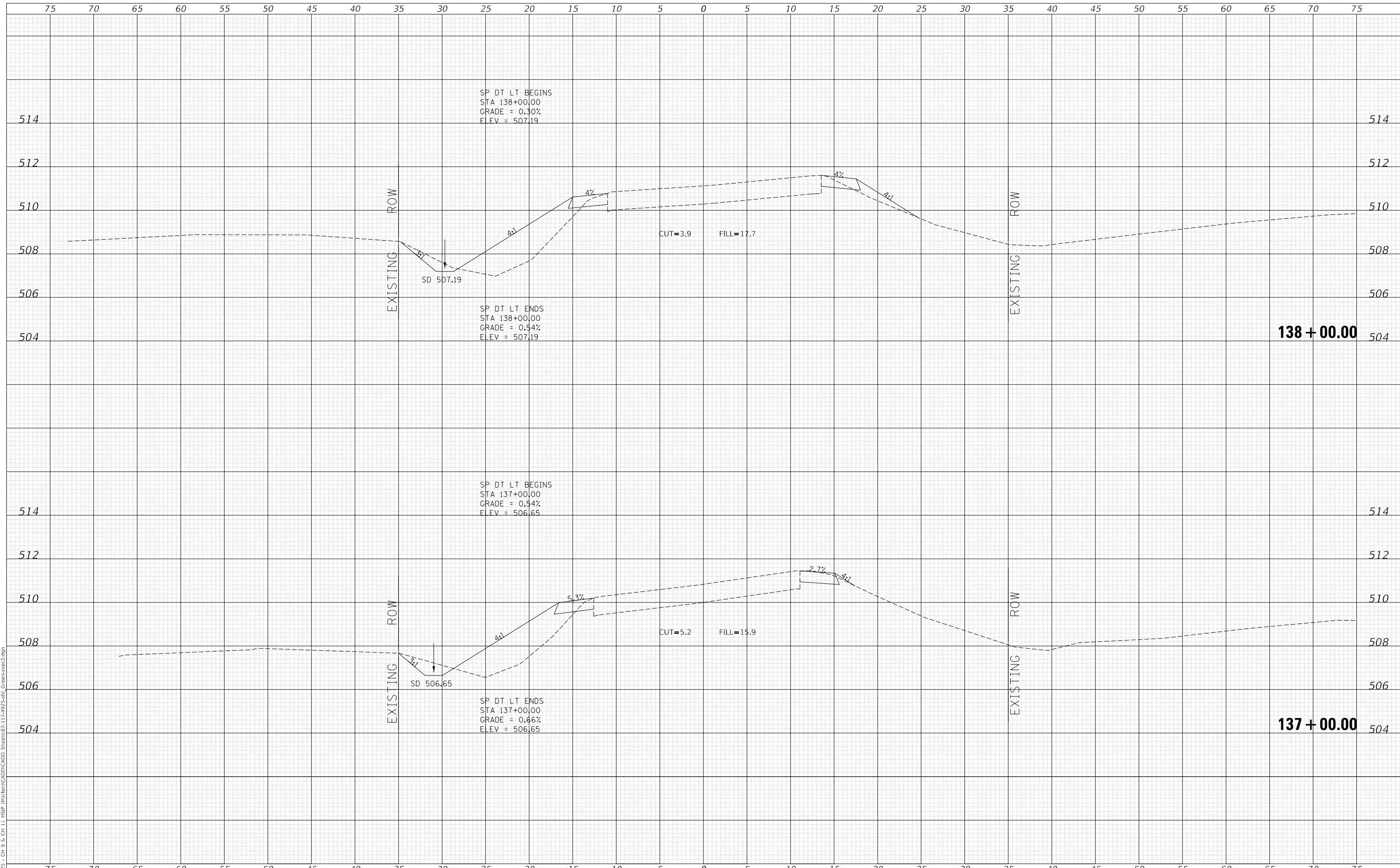
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	95
* F.A.S. 792 & F.A.U. 8591		CONTRACT NO. 97820		
ILLINOIS		FED. AID PROJECT		

**136 + 00.00**

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PLOT DATE = 10/23/2023	DATE - 8-2-2022	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 11 - GREEN STREET  
 CROSS SECTIONS**

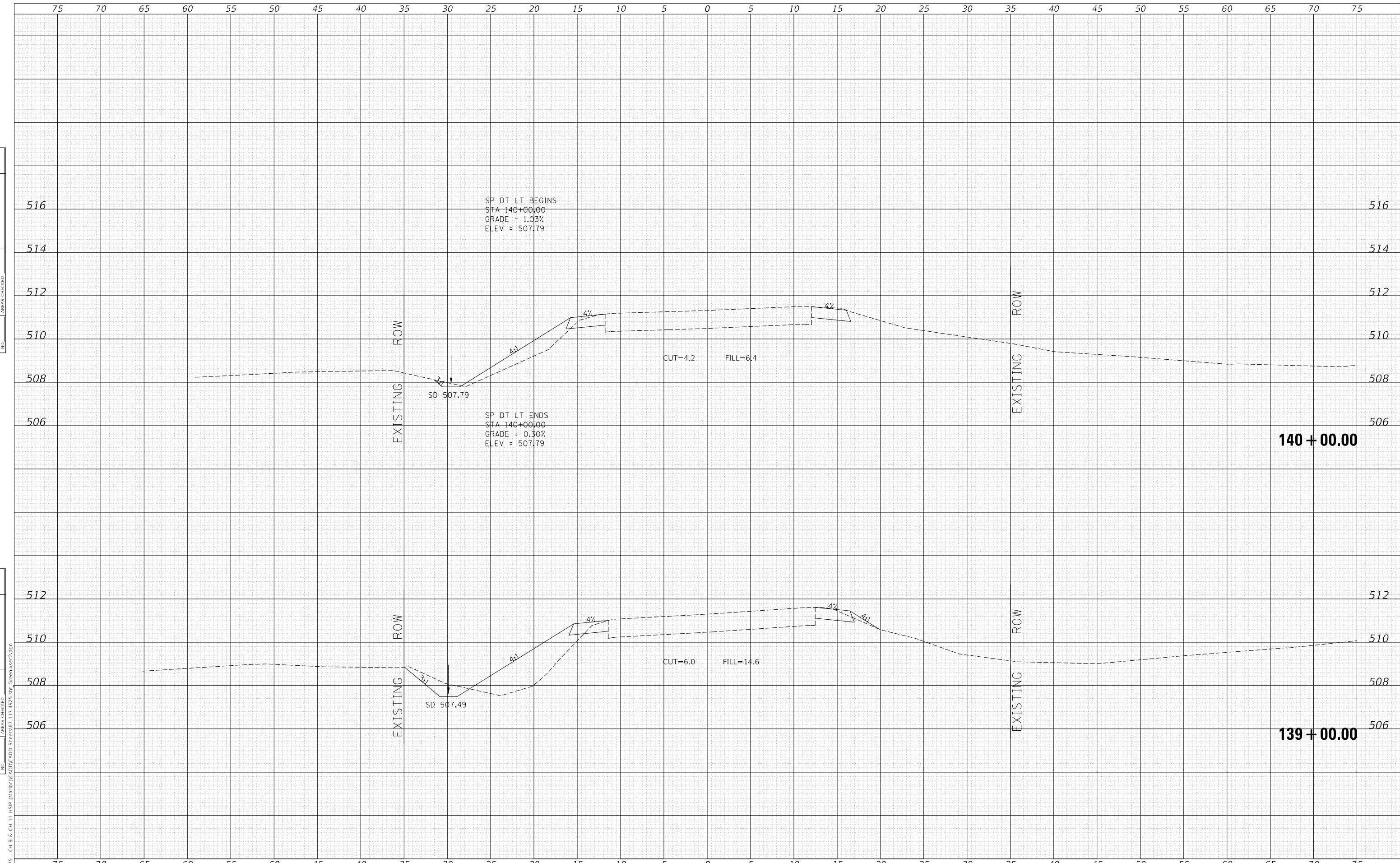
SCALE: 1"=5'H, 2'V SHEET 40 OF 125 SHEETS STA. 137+00.00 TO STA. 138+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	96
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS		FED. AID PROJECT		



DATE	
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PLOT DATE = 10/23/2023	DATE - 8-2-2022	REVISD -

**STATE OF ILLINOIS  
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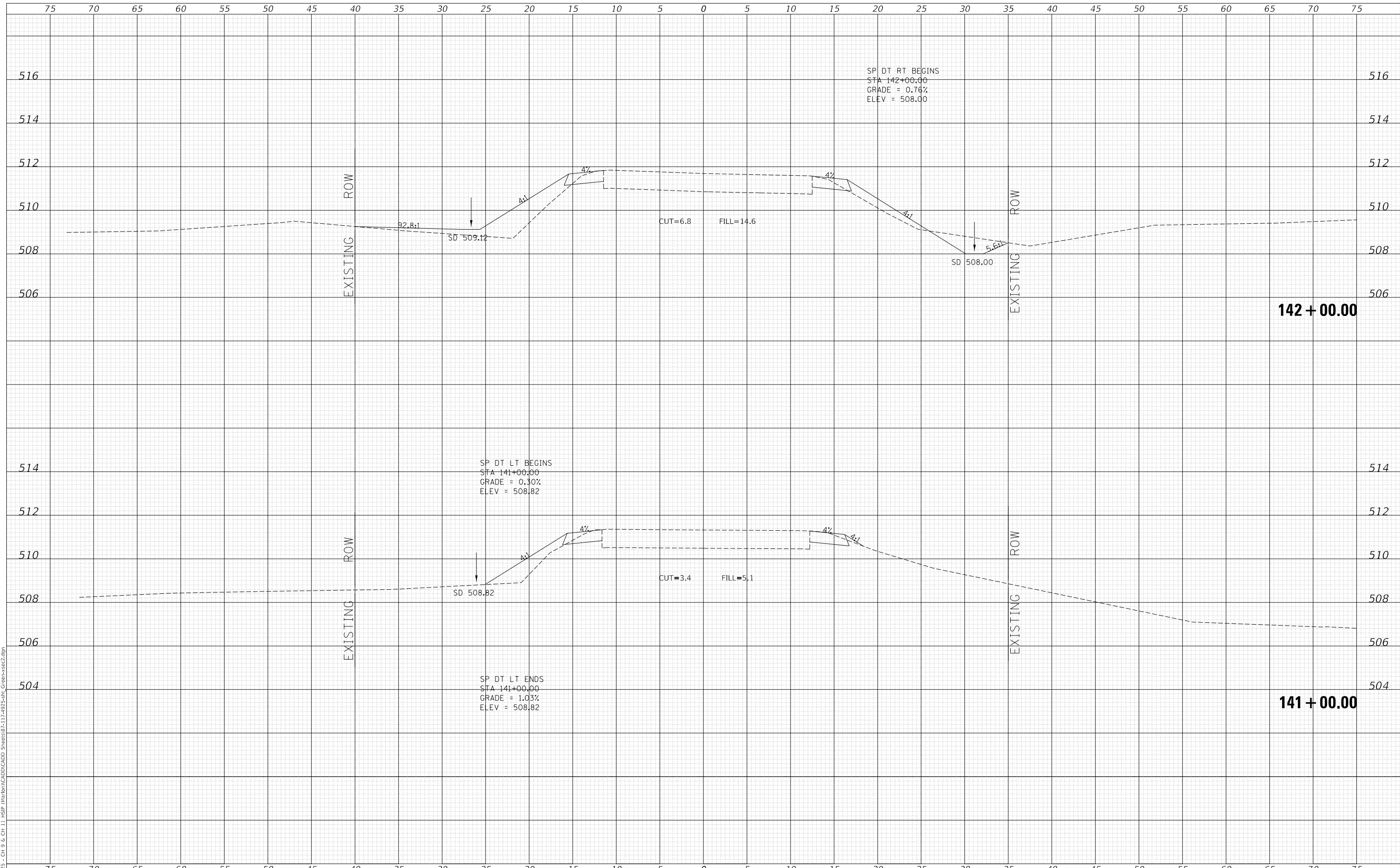
**COUNTY HIGHWAY 11 - GREEN STREET  
 CROSS SECTIONS**  
 SCALE: 1"=5'H, 2'V SHEET 41 OF 125 SHEETS STA. 139+00.00 TO STA. 140+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	97
* F.A.S. 792 & F.A.U. 8591		CONTRACT NO. 97820		
ILLINOIS		FED. AID PROJECT		

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 Illinois Professional Design Firm No. 184-000825

USER NAME	= jwhite
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PLOT DATE	= 10/23/2023

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 11 - GREEN STREET  
 CROSS SECTIONS**

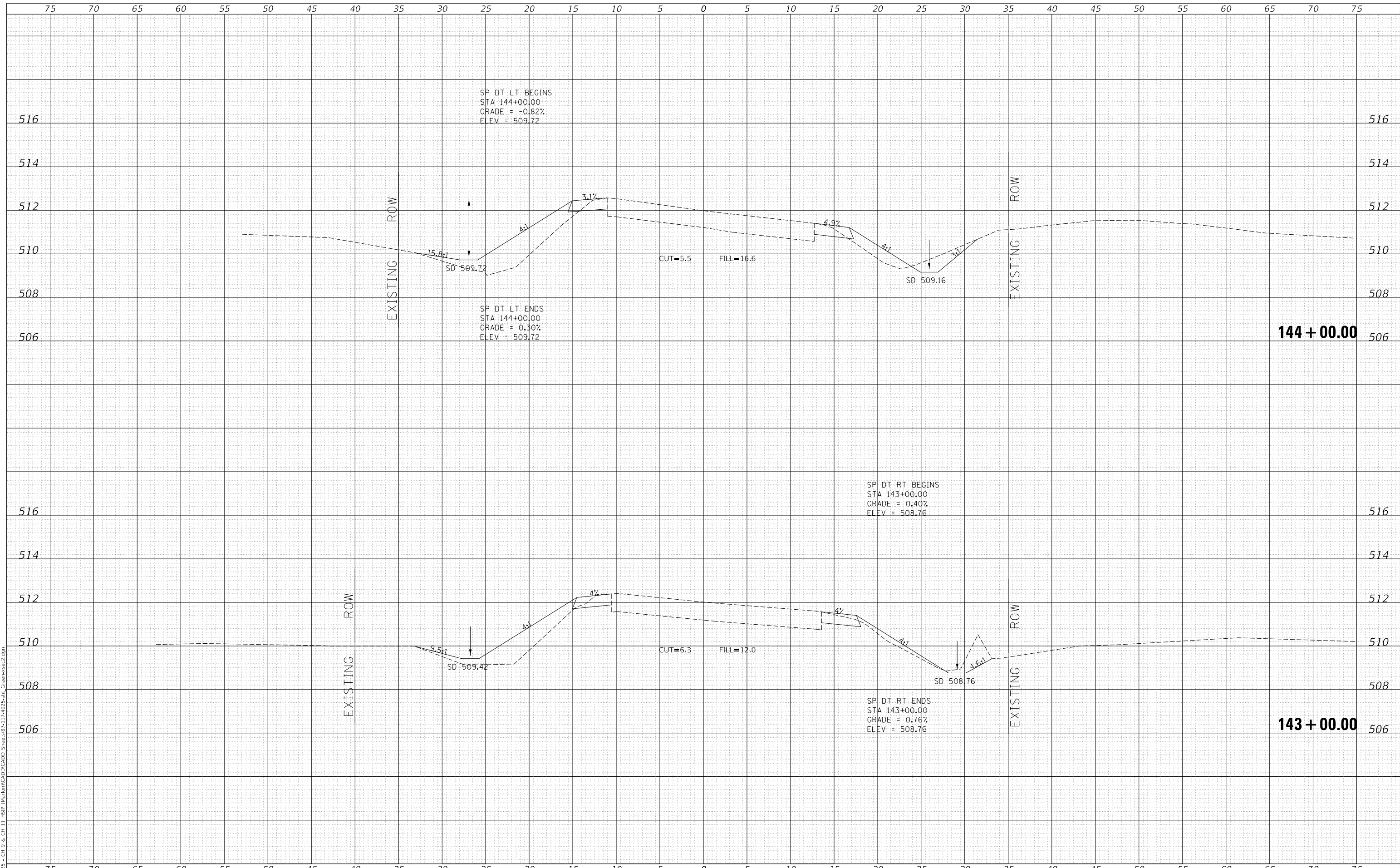
SCALE: 1"=5'H, 2'V SHEET 42 OF 125 SHEETS STA. 141+00.00 TO STA. 142+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	98
* F.A.S. 792 & F.A.U. 8591		CONTRACT NO. 97820		
ILLINOIS		FED. AID PROJECT		

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

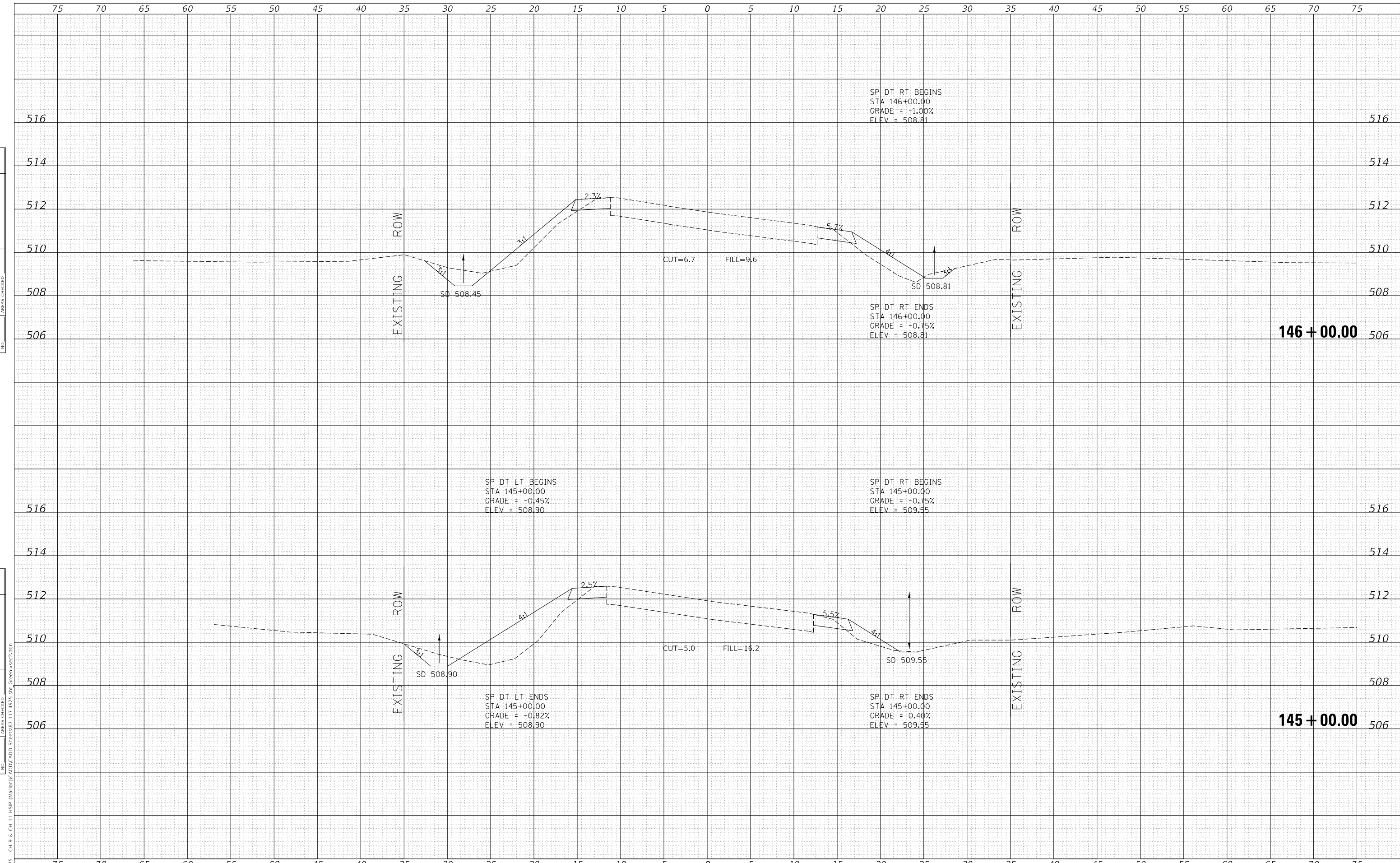
**COUNTY HIGHWAY 11 - GREEN STREET  
 CROSS SECTIONS**

SCALE: 1"=5'H, 2'V SHEET 43 OF 125 SHEETS STA. 143+00.00 TO STA. 144+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	99
* F.A.S. 792 & F.A.U. 8591		CONTRACT NO. 97820		
ILLINOIS		FED. AID PROJECT		

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	DATE - 8-2-2022	REVISED -

**STATE OF ILLINOIS  
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**COUNTY HIGHWAY 11 - GREEN STREET  
 CROSS SECTIONS**

SCALE: 1"=5'H, 2'V    SHEET 44    OF 125 SHEETS    STA. 145+00.00    TO STA. 146+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	100
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS FED. AID PROJECT				