

NOT A CONTRACT DOCUMENT. SEE PLAN SHEET FOR DIMENSIONS AND NOTES.

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	4712.5	4712.5	Δ
# 63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	4	4	
# 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	36	36	Δ
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

Hutchison Engineering, Inc.
Since 1913
JACKSONVILLE • PEORIA • SHOSWOOD
CAMDENVILLE • MOUNTAIN
Equal Professional Design Firm, P.C. 11-002803
JOB # 4925

USER NAME	= jvwite
DESIGNED	= AWM
DRAWN	= HRC
CHECKED	= CMB
PLOT DATE	= 10/30/2023

DESIGNED	= AWM
REVISION	= Δ 12/19/2023
DRAWN	= HRC
REVISION	=
CHECKED	= CMB
REVISION	=
DATE	= 07/2023
REVISION	=

DESIGNED	= AWM
REVISION	= Δ 12/19/2023
DRAWN	= HRC
REVISION	=
CHECKED	= CMB
REVISION	=
DATE	= 07/2023
REVISION	=

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ODIN ROAD & GREEN STREET
SUMMARY OF QUANTITIES

SCALE: N/A SHEET 4 OF 5 SHEETS

F.A. RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	20-00144-00-5P	MARION	181	6
* F.A.S. 792 & 1793 & F.A.U. 8591		ILLINOIS	FED. AID PROJECT	

MARION
COUNTY
SAFETY
0021
RURAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
# 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	36	36
# 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
* X6330725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT	412.5	412.5
* 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 DRAWN: IAC MARION COUNTY SAFETY - CTI & CTM II (RIP) I:\Hatch\Projects\ODIN\Sheet\07-4925-2\10-0003.dwg

Hutchison Engineering, Inc.
JACKSONVILLE • PEORIA • BIRMINGHAM
CHICAGO • MOBILE
11001 Professional Bldg. Firm No. 181602115
1087 4925

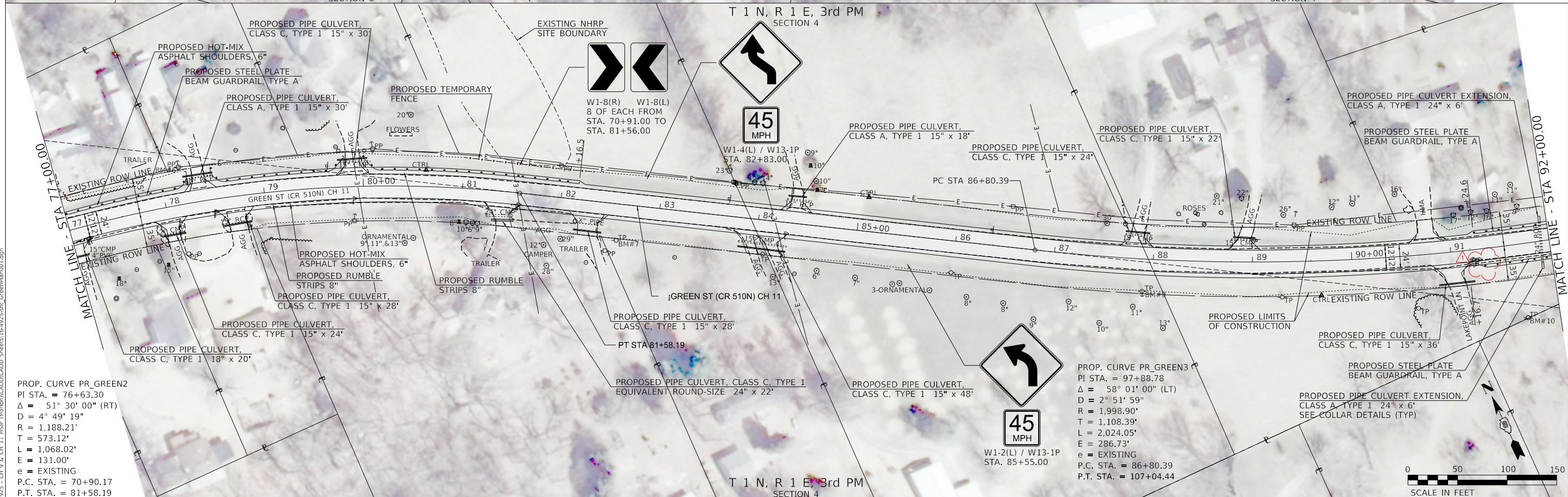
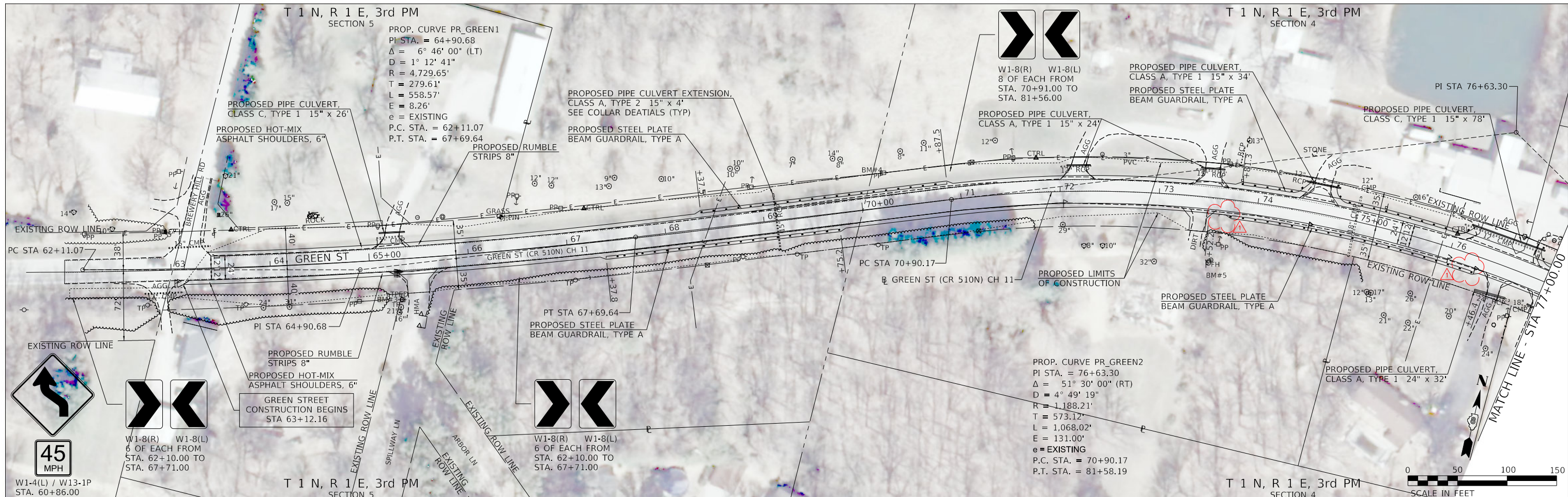
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DESIGNED	- AWM
DRAWN	- HRC
CHECKED	- CMB
PLCT DATE	= 10/30/2023

REVISD	- Δ 12/19/2023
REVISD	-
REVISD	-
REVISD	-
DATE	- 07/2023

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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



MODEL: 1408\BENAMES
 FILE NAME: 031923 - CH 9 & CH 11 - HSRP (Mch)CAD\CADD\CADD_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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 CARBONDALE • MOBILE
 Illinois Professional Design Firm No. 184-000825

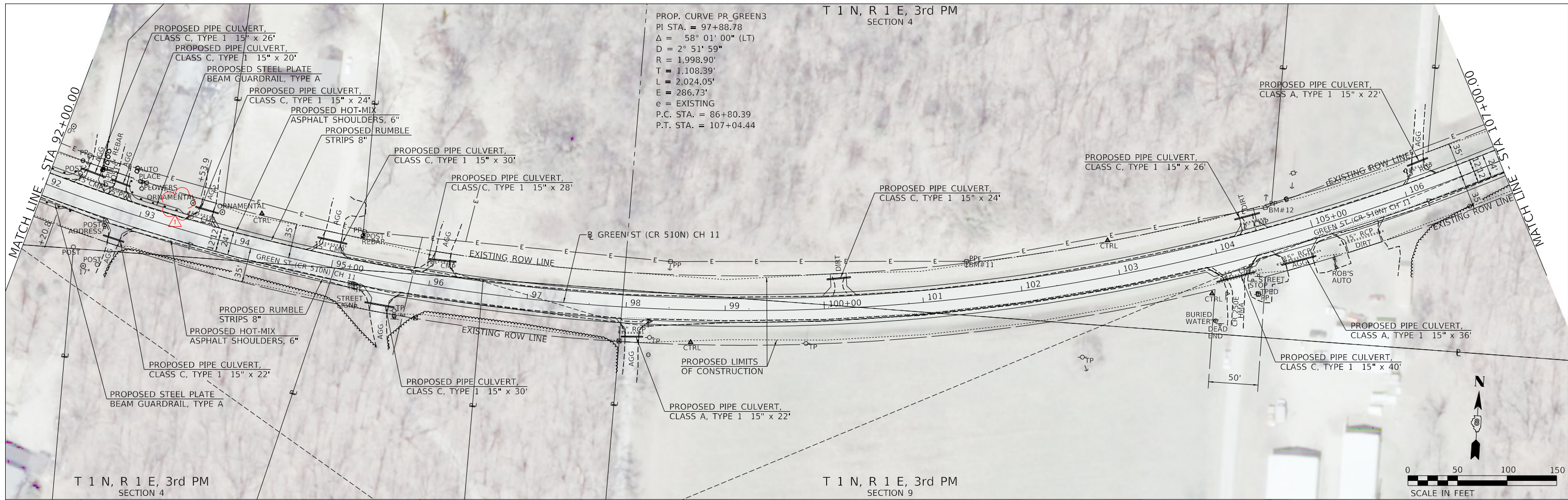
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PLOT SCALE = 100,0000' / in.	DRAWN - HRC	REVISED -
PLOT DATE = 12/19/2023	CHECKED - CMB	REVISED -
	DATE - 8-2-2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

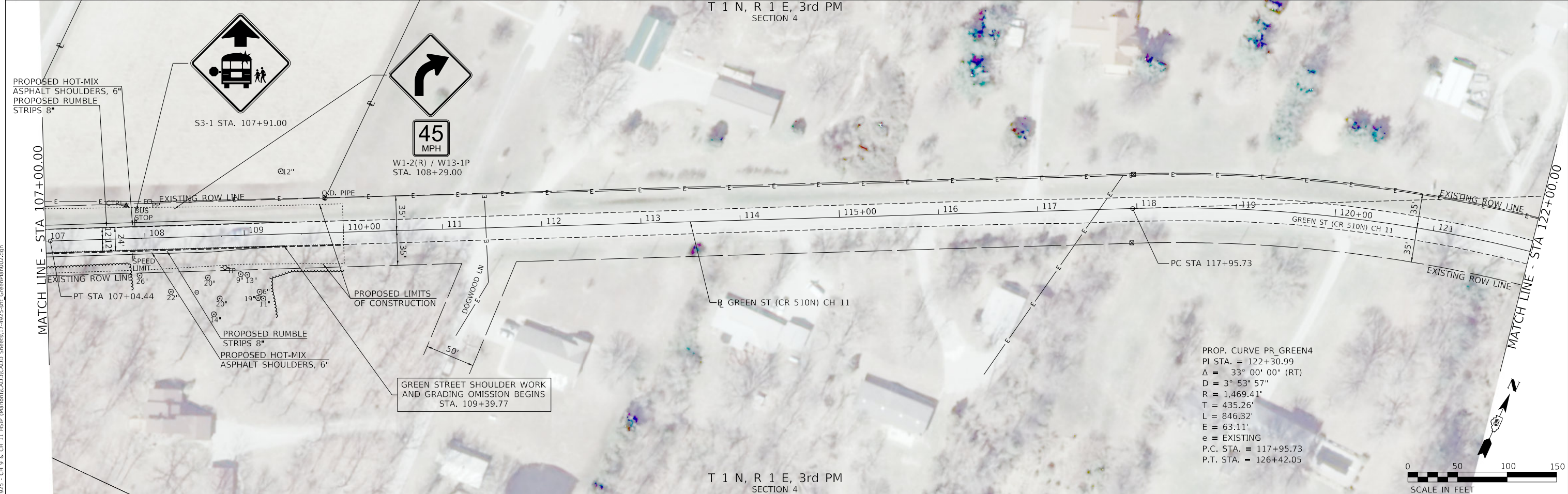
SCALE: 1"=50' SHEET 1 OF 12 SHEETS STA. 62+11.07 TO STA. 92+00.00

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	



PROP. CURVE PR_GREEN3
 PI STA. = 97+88.78
 $\Delta = 58^\circ 01' 00''$ (LT)
 $D = 2^\circ 51' 59''$
 $R = 1,998.90'$
 $T = 1,108.39'$
 $L = 2,024.05'$
 $E = 286.73'$
 $e = \text{EXISTING}$
 P.C. STA. = 86+80.39
 P.T. STA. = 107+04.44

PROP. CURVE PR_GREEN4
 PI STA. = 122+30.99
 $\Delta = 33^\circ 00' 00''$ (RT)
 $D = 3^\circ 53' 57''$
 $R = 1,469.41'$
 $T = 435.26'$
 $L = 846.32'$
 $E = 63.11'$
 $e = \text{EXISTING}$
 P.C. STA. = 117+95.73
 P.T. STA. = 126+42.05



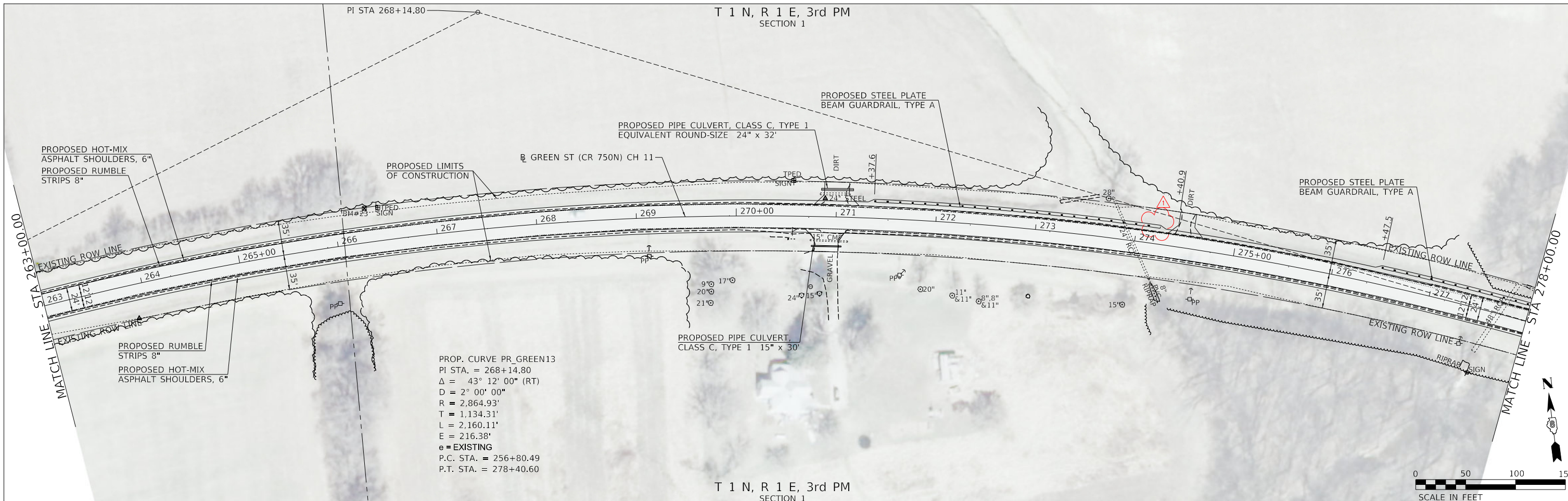
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 2023

USER NAME = jwhite	DESIGNED - AWM	REVISED - 12/19/2023
PLOT SCALE = 100,0000' / in.	DRAWN - HRC	REVISED -
PLOT DATE = 12/19/2023	CHECKED - CMB	REVISED -
	DATE - 8-2-2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

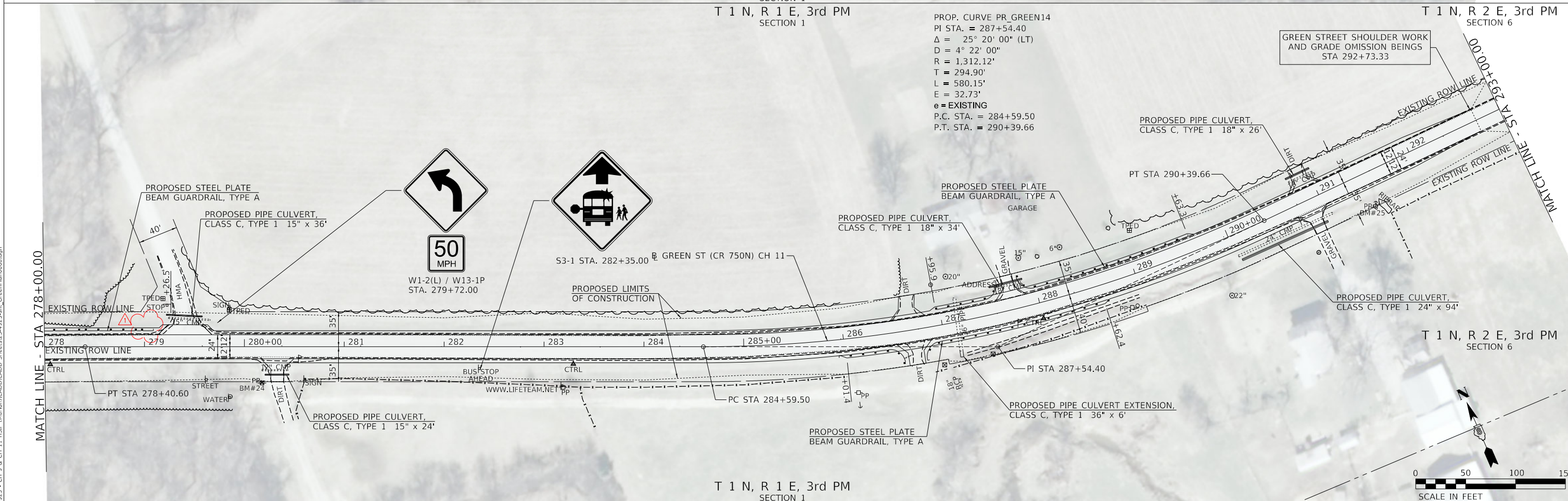
COUNTY HIGHWAY 11 - GREEN STREET
PLAN SHEET
 SCALE: 1"=50'
 SHEET 2 OF 12 SHEETS
 STA. 92+00.00 TO STA. 122+00.00

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				



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

SCALE IN FEET



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

SCALE IN FEET

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 2023 JOB# 4925

USER NAME = jwhite	DESIGNED - AWM	REVISED - ▲ 12/19/2023
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	DATE - 8-2-2022	REVISED -

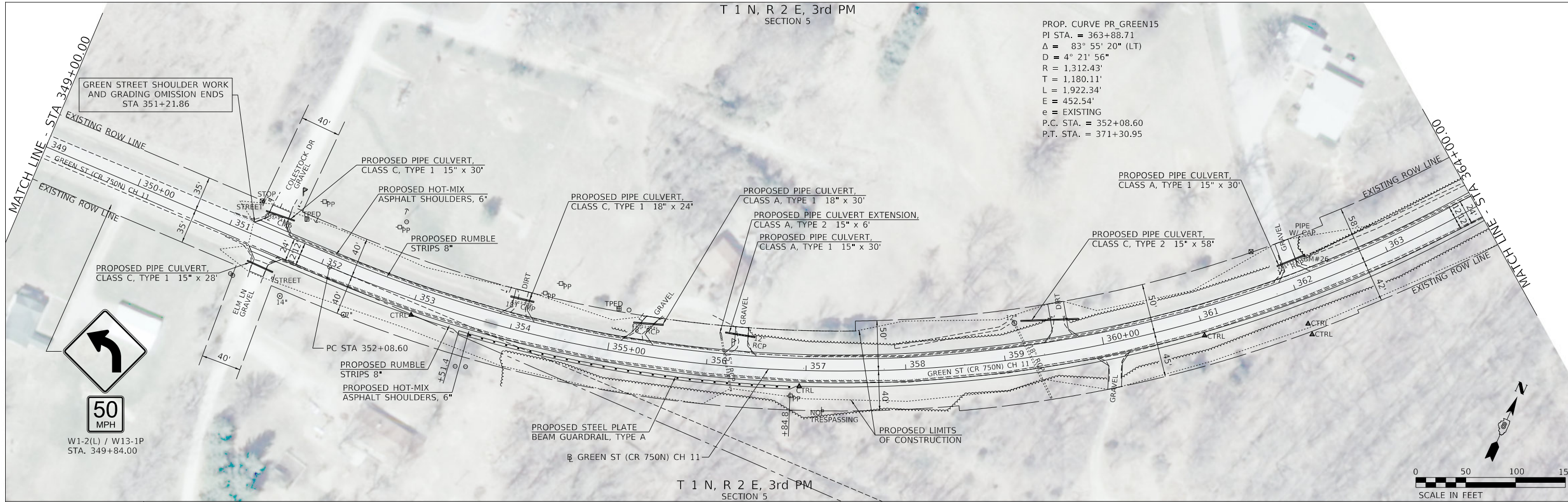
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

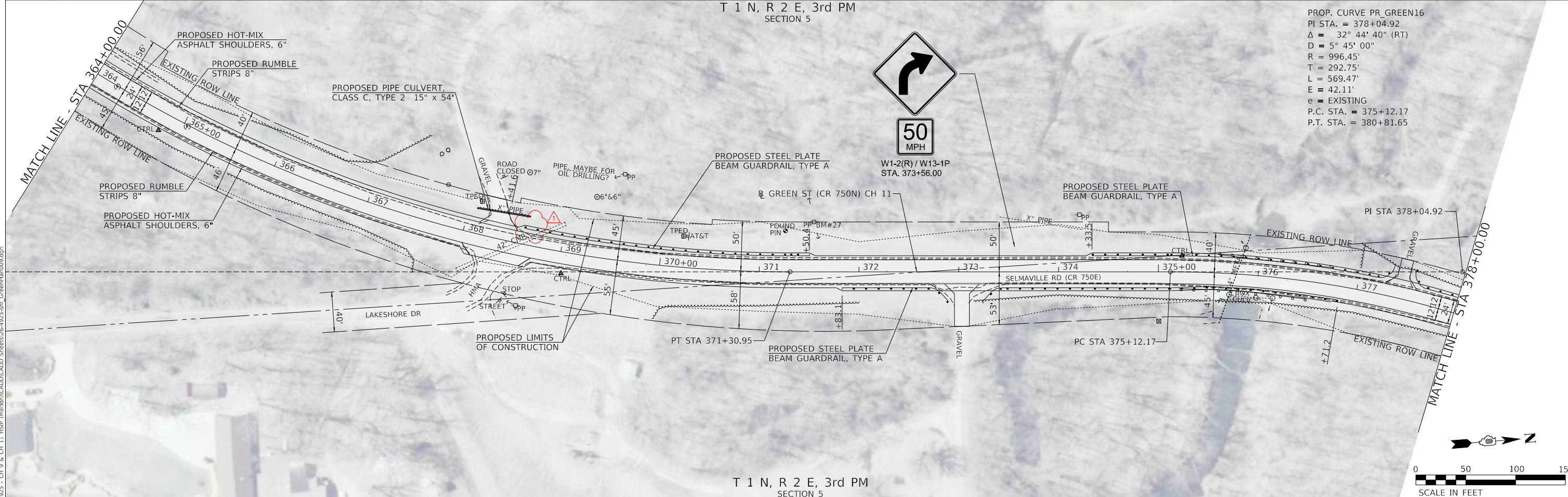
T 1 N, R 2 E, 3rd PM
SECTION 5

PROP. CURVE PR GREEN15
PI STA. = 363+88.71
 $\Delta = 83^\circ 55' 20''$ (LT)
D = 4° 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° 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

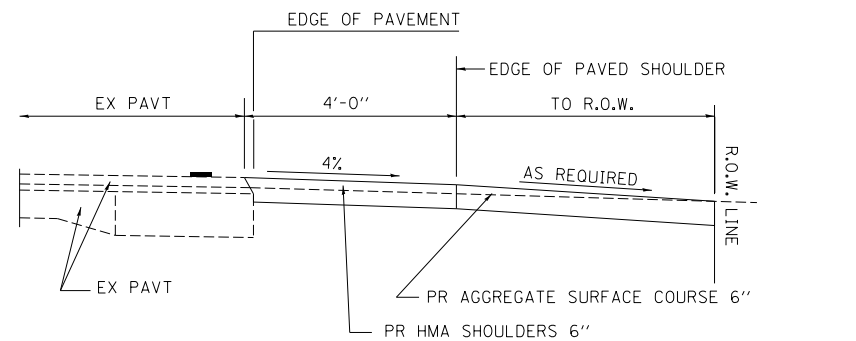
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USER NAME = jwhite	DESIGNED - AWM	REVISED - 12/19/2023
PLOT SCALE = 100,0000' / in.	DRAWN - HRC	REVISED -
PLOT DATE = 12/19/2023	CHECKED - CMB	REVISED -
	DATE - 8-2-2022	REVISED -

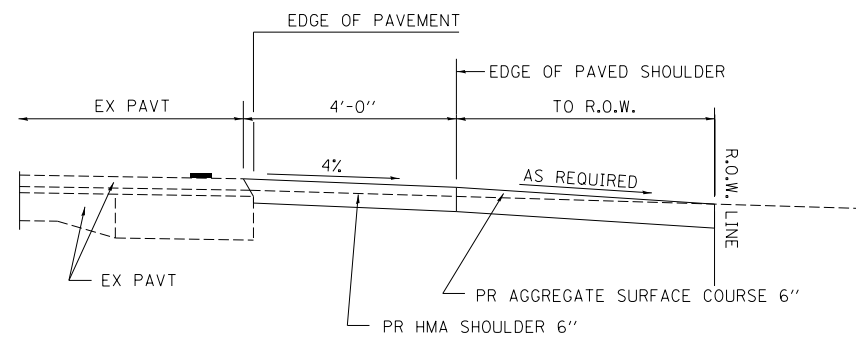
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

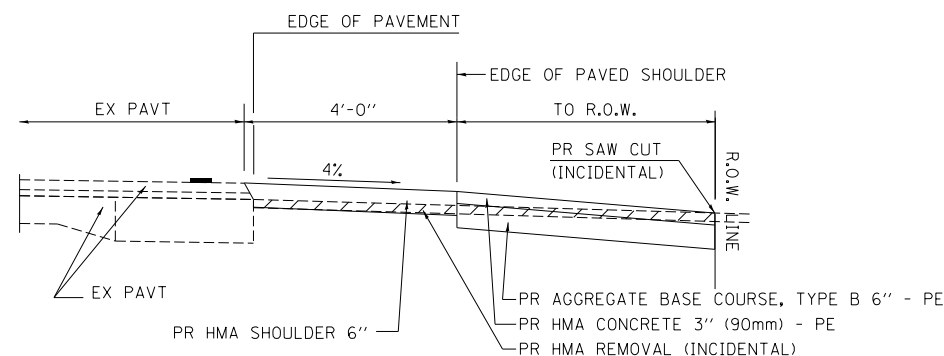
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	26
* F.A.S. 792 & F.A.U. 8591			CONTRACT NO. 97820	
ILLINOIS FED. AID PROJECT				



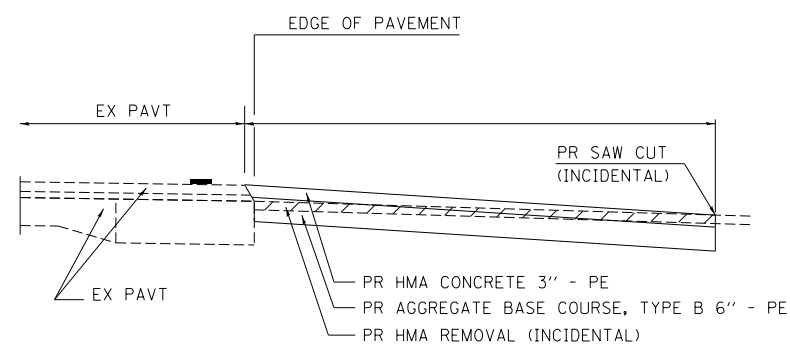
SECTION A-A FOR EX EARTH/AGGREGATE PE



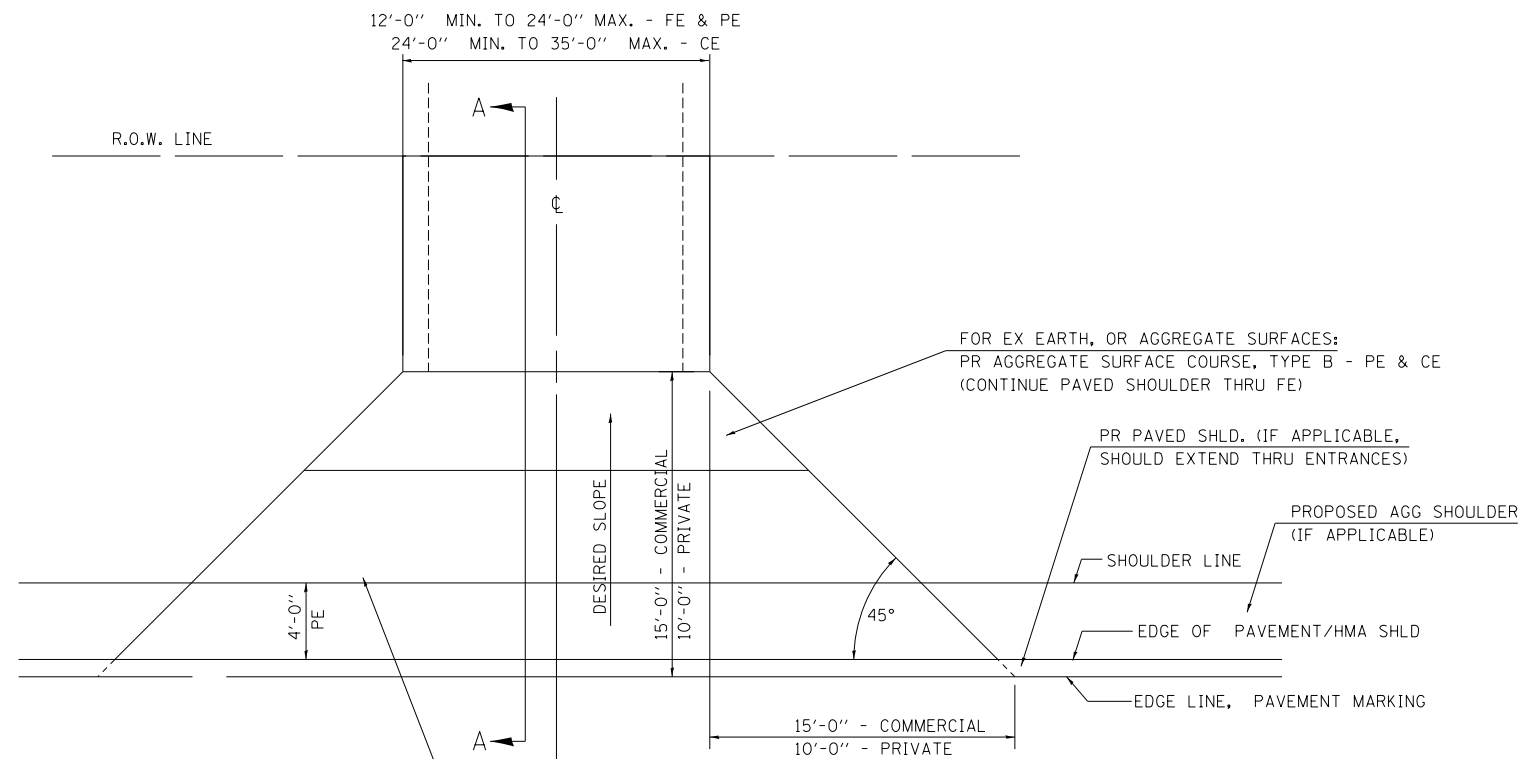
SECTION A-A FOR EX EARTH/AGGREGATE CE & SIDE ROAD



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.

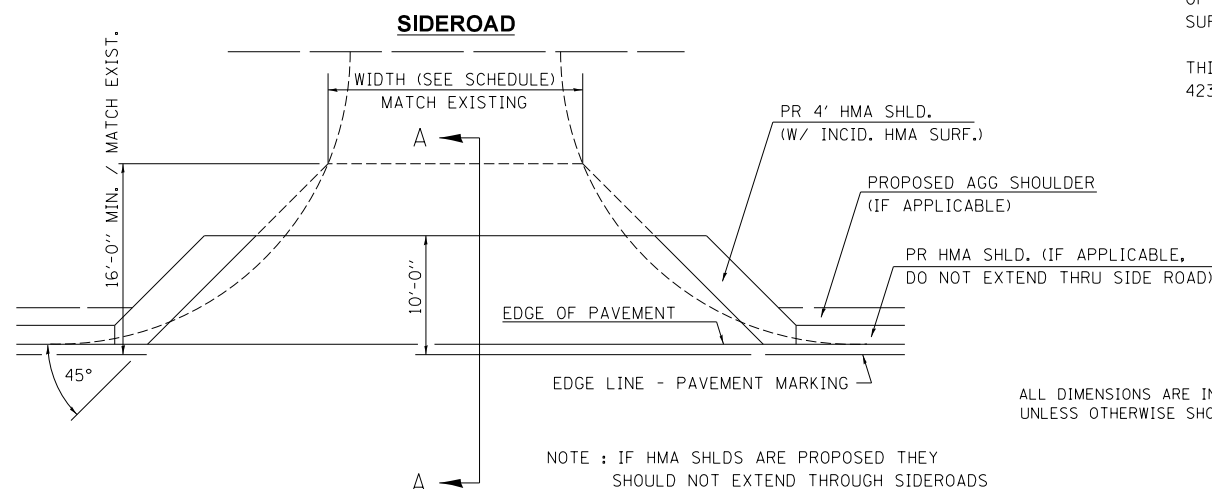
THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

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.

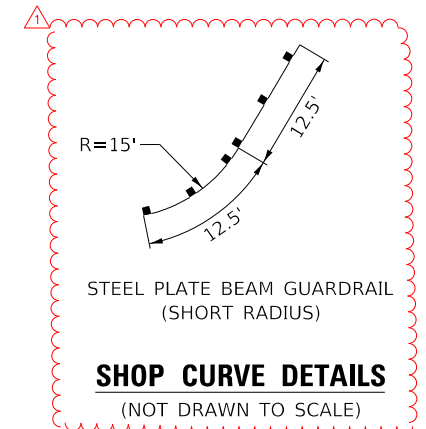
WHEN THE HMA CONCRETE PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 3 INCHES (75 mm) AND REQUIRE PLACEMENT IN MORE THAN ONE LIFT. THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF HMA BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 2 INCHES (50 mm) SHALL MEET THE REQUIREMENTS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



MODEL: 140821.DWG
 FILE NAME: 031923 - CH 9 & CH 11 HSIP (Marion) CADDDCADD Sheets 37-4925-sh_entr_entr.dwg
 2023

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

USER NAME = jwhite	DESIGNED - AWM	REVISED - 12/19/2023
PLOT SCALE = 40,000' / in.	DRAWN - HRC	REVISED -
PLOT DATE = 12/19/2023	CHECKED - CMB	REVISED -
	DATE - 07/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: N/A SHEET 1 OF 1 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	20-00144-00-5P	MARION	181	37
* F.A.S. 792 & 1793 & F.A.U. 8591		CONTRACT NO. 97820		
ILLINOIS FED. AID PROJECT				