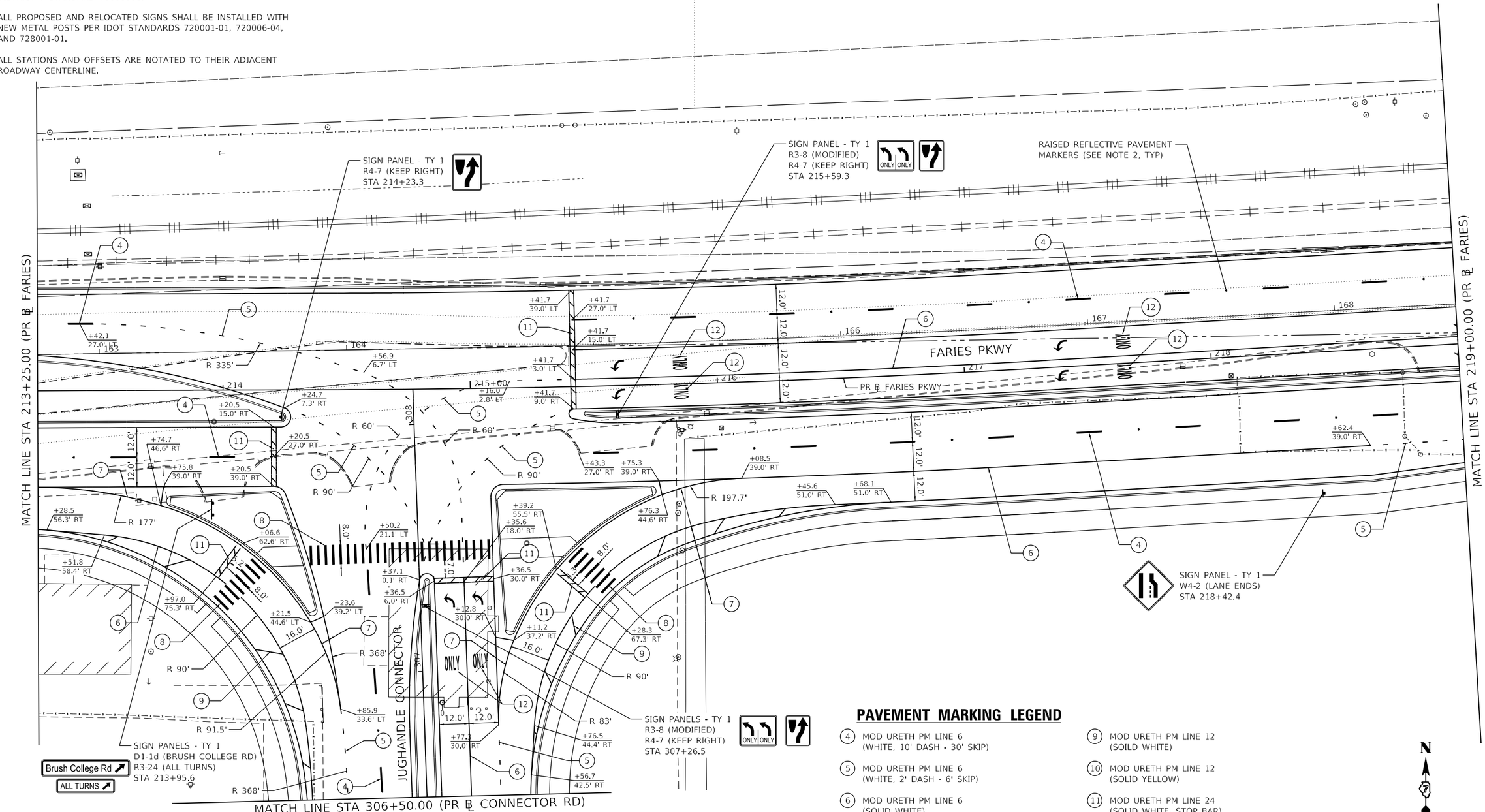
PAVEMENT MARKING & SIGNING NOTES

1. ALL PAVEMENT MARKINGS SHALL BE OF THE TYPE AND COLOR AS SPECIFIED IN THE PLANS AND SHALL BE PLACED PER DISTRICT 7 STANDARD 78000001 AND IDOT STANDARD 780001-05.

2. RAISED REFLECTIVE PAVMENT MARKERS SHALL BE PLACED PER DISTRICT 7 STANDARD 78000001.

3. ALL PROPOSED AND RELOCATED SIGNS SHALL BE INSTALLED WITH NEW METAL POSTS PER IDOT STANDARDS 720001-01, 720006-04, AND 728001-01.

4. ALL STATIONS AND OFFSETS ARE NOTATED TO THEIR ADJACENT ROADWAY CENTERLINE.



PAVEMENT MARKING LEGEND

(4) MOD URETH PM LINE 6 (WHITE, 10' DASH - 30' SKIP)

(5) MOD URETH PM LINE 6 (WHITE, 2' DASH - 6' SKIP)

(6) MOD URETH PM LINE 6 (SOLID WHITE)

(7) MOD URETH PM LINE 8 (SOLID WHITE)

(8) MOD URETH PM LINE 12 (SOLID WHITE, CROSS WALK)

(9) MOD URETH PM LINE 12 (SOILD WHITE)

(10) MOD URETH PM LINE 12 (SOLID YELLOW)

(11) MOD URETH PM LINE 24 (SOLID WHITE, STOP BAR)

(12) MOD URETH PM LTR-SYM

N

0 20 40

SCALE IN FEET

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Kaskaskia Engineering Group, LLC PROFESSIONAL REGISTRATIONS LICENSE NO. Illinois Professional Design Firm 184.004773 Professional Engineering Group 20-5080586	USER NAME = rjo	DESIGNED - NDP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FARIES PARKWAY PAVEMENT MARKING & SIGNING PLAN	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - NDP	REVISED -				09-00933-01-BR	MACON	572 / 336
	PLOT SCALE = 40.0000 ' / in.	CHECKED - LDC	REVISED -					CONTRACT NO. XXXX(XXX)	
	PLOT DATE = 6/12/2020	DATE - 6/12/2020	REVISED -		SCALE: 1"=20' SHEET 9 OF 20 SHEETS STA. 213+25.00 TO STA. 219+00.00		ILLINOIS FED. AID PROJECT		

PAVEMENT MARKING & SIGNING NOTES

1. ALL PAVEMENT MARKINGS SHALL BE OF THE TYPE AND COLOR AS SPECIFIED IN THE PLANS AND SHALL BE PLACED PER DISTRICT 7 STANDARD 78000001 AND IDOT STANDARD 780001-05.
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4. ALL STATIONS AND OFFSETS ARE NOTATED TO THEIR ADJACENT ROADWAY CENTERLINE.

PAVEMENT MARKING LEGEND

(4) MOD URETH PM LINE 6 (WHITE, 10' DASH - 30' SKIP)

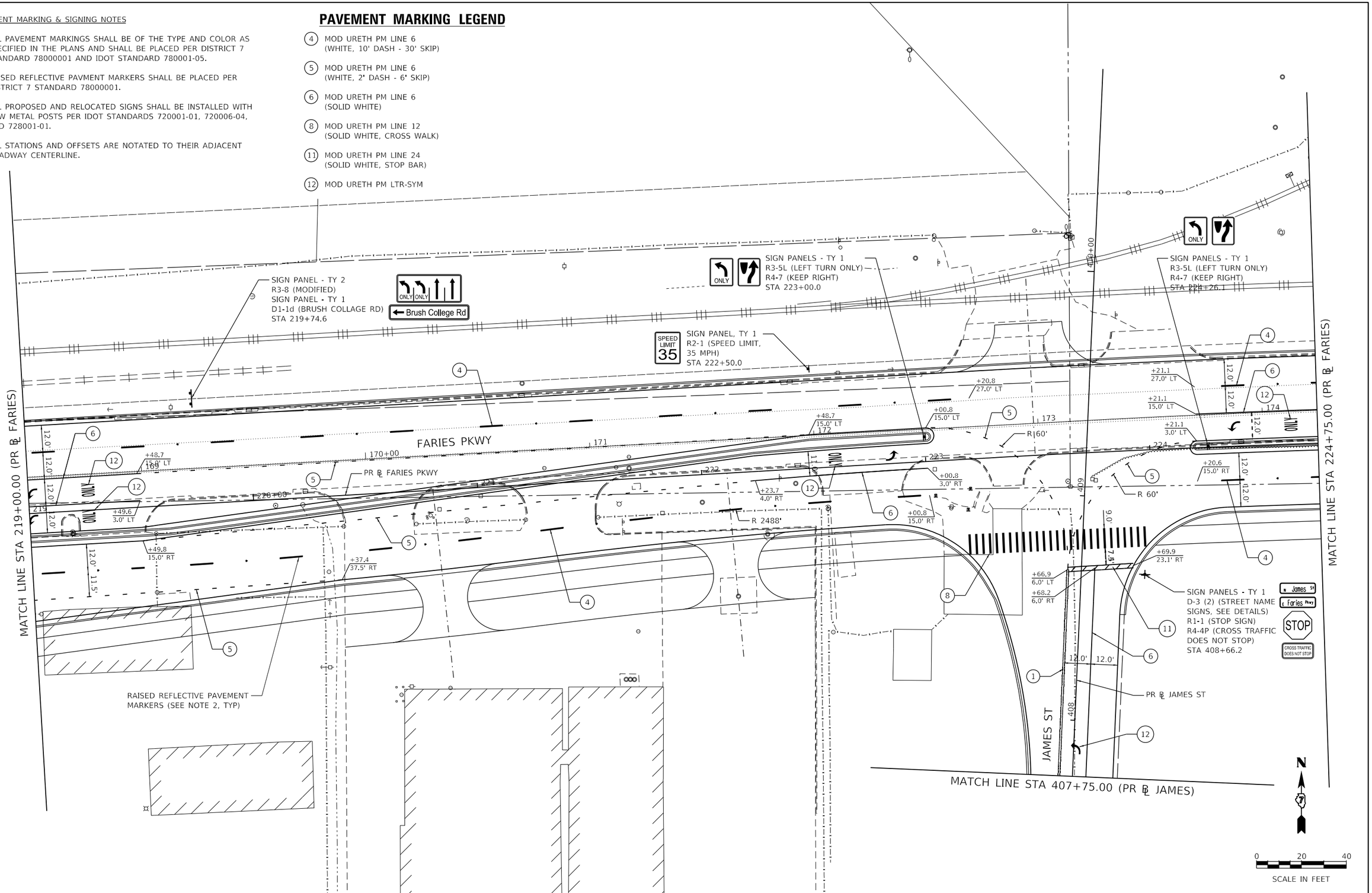
(5) MOD URETH PM LINE 6 (WHITE, 2' DASH - 6' SKIP)

(6) MOD URETH PM LINE 6 (SOLID WHITE)

(8) MOD URETH PM LINE 12 (SOLID WHITE, CROSS WALK)

(11) MOD URETH PM LINE 24 (SOLID WHITE, STOP BAR)

(12) MOD URETH PM LTR-SYM



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Kaskaskia Engineering Group, LLC. PROFESSIONAL REGISTRATIONS / LICENSE NO. Illinois Professional Design Firm 184.004773 Professional Engineering Group 20-5086586	USER NAME = rjo	DESIGNED - NDP	REVISED -
		DRAWN - NDP	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED - LDC	REVISED -
	PLOT DATE = 6/12/2020	DATE - 6/12/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FARIES PARKWAY
PAVEMENT MARKING & SIGNING PLAN

SCALE: 1"=20' | SHEET 10 OF 20 SHEETS | STA. 219+00.0 TO STA. 224+75.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00933-01-BR	MACON	572	337
		CONTRACT NO. XXXX(XXX)		
		ILLINOIS	FED. AID PROJECT	

PAVEMENT MARKING & SIGNING NOTES

1. ALL PAVEMENT MARKINGS SHALL BE OF THE TYPE AND COLOR AS SPECIFIED IN THE PLANS AND SHALL BE PLACED PER DISTRICT 7 STANDARD 78000001 AND IDOT STANDARD 780001-05.

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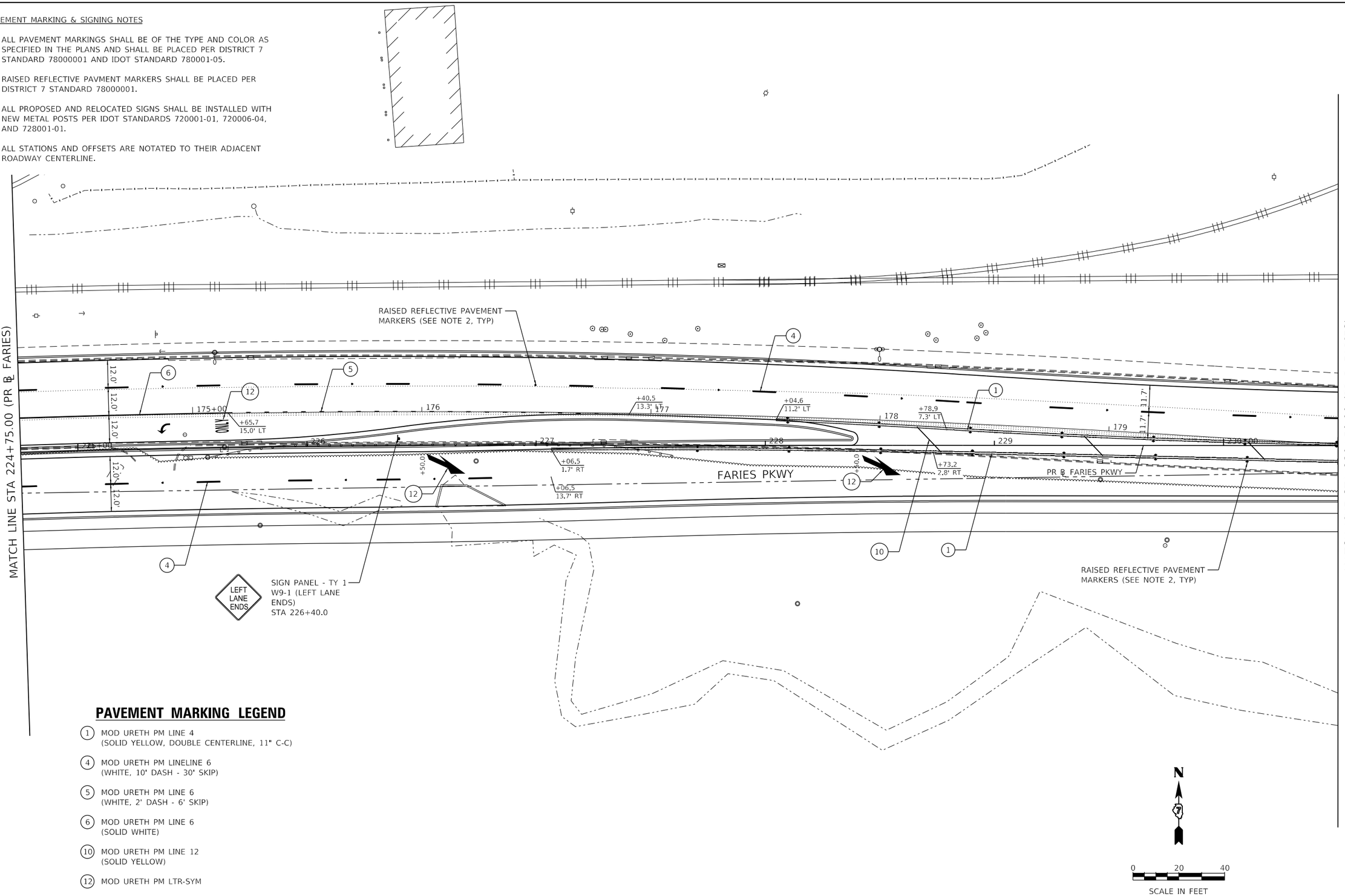
4. ALL STATIONS AND OFFSETS ARE NOTATED TO THEIR ADJACENT ROADWAY CENTERLINE.



PAVEMENT MARKING LEGEND

(1) MOD URETH PM LINE 4
(SOLID YELLOW, DOUBLE CENTERLINE, 11" C-C)

(4) MOD URETH PM LINELINE 6
(WHITE, 10' DASH - 30' SKIP)

(5) MOD URETH PM LINE 6
(WHITE, 2' DASH - 6' SKIP)

(6) MOD URETH PM LINE 6
(SOLID WHITE)

(10) MOD URETH PM LINE 12
(SOLID YELLOW)

(12) MOD URETH PM LTR-SYM

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Kaskaskia Engineering Group, LLC. PROFESSIONAL REGISTRATIONS Illinois Professional Design Firm 184.004773 Professional Engineering Group 20-5086586 LICENSE NO.	USER NAME = rjo	DESIGNED - NDP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FARIES PARKWAY PAVEMENT MARKING & SIGNING PLAN	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - NDP	REVISED -				09-00933-01-BR	MACON	572 / 338
	PLOT SCALE = 40.0000 ' / in.	CHECKED - LDC	REVISED -					CONTRACT NO. XXXX(XXX)	
	PLOT DATE = 6/12/2020	DATE - 6/12/2020	REVISED -		SCALE: 1"=20' SHEET 11 OF 20 SHEETS STA. 224+75.00 TO STA. 230+50.00			ILLINOIS FED. AID PROJECT	

PAVEMENT MARKING & SIGNING NOTES

1. ALL PAVEMENT MARKINGS SHALL BE OF THE TYPE AND COLOR AS SPECIFIED IN THE PLANS AND SHALL BE PLACED PER DISTRICT 7 STANDARD 78000001 AND IDOT STANDARD 780001-05.
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4. ALL STATIONS AND OFFSETS ARE NOTATED TO THEIR ADJACENT ROADWAY CENTERLINE.

PAVEMENT MARKING LEGEND

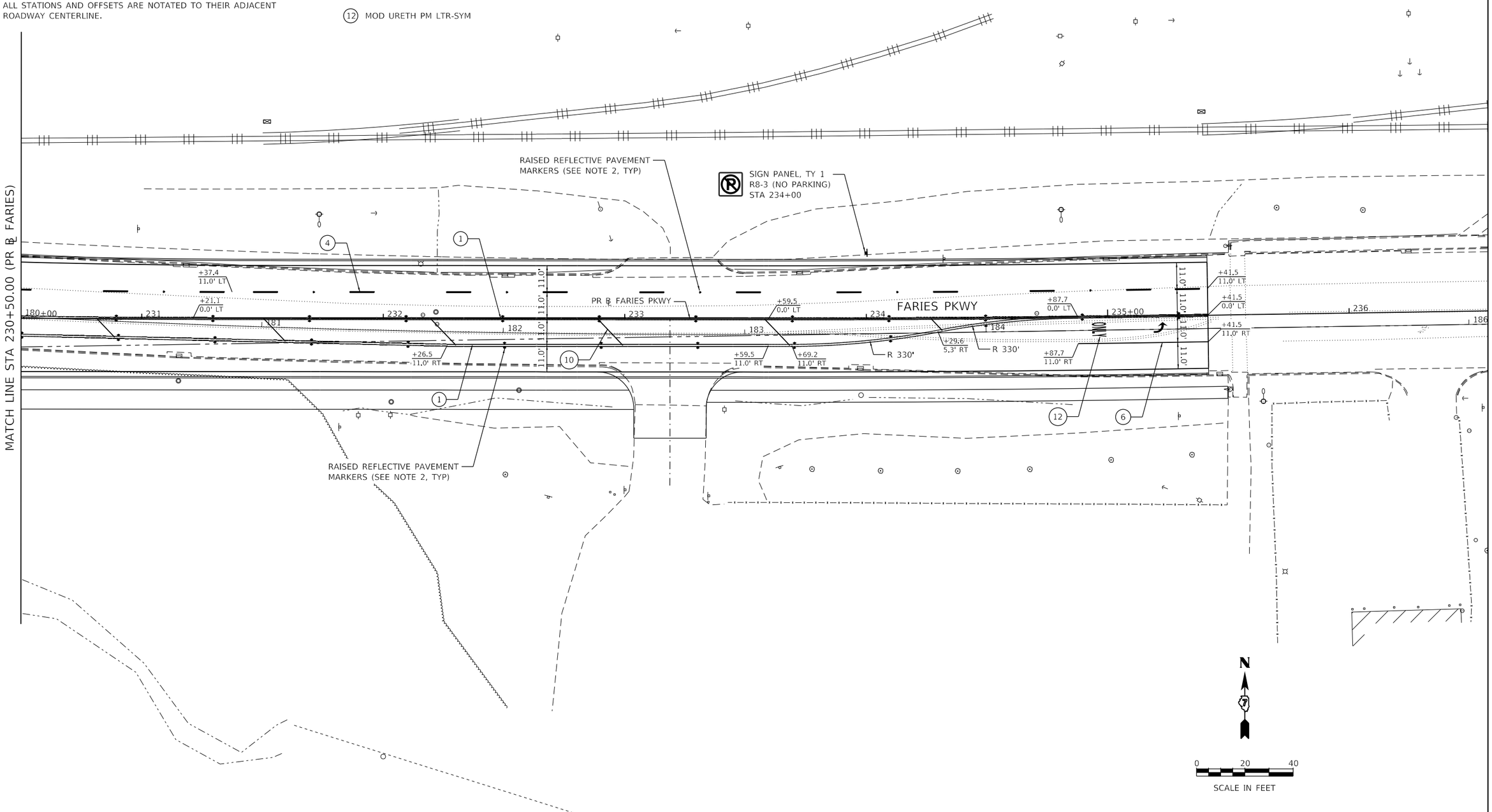
(1) MOD URETH PM LINE 4
(SOLID YELLOW, DOUBLE CENTERLINE, 11" C-C)

(4) MOD URETH PM LINE 6
(WHITE, 10' DASH - 30' SKIP)

(6) MOD URETH PM LINE 6
(SOLID WHITE)

(10) MOD URETH PM LINE 12
(SOLID YELLOW)

(12) MOD URETH PM LTR-SYM



Kaskaskia Engineering Group, LLC PROFESSIONAL REGISTRATIONS LICENSE NO. Illinois Professional Design Firm 184.004753 Professional Engineering Group 20-5080586	USER NAME = rjo	DESIGNED - NDP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FARIES PARKWAY PAVEMENT MARKING & SIGNING PLAN	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - NDP	REVISED -				09-00933-01-BR	MACON	572 / 339
	PLOT SCALE = 40.0000 ' / in.	CHECKED - LDC	REVISED -					CONTRACT NO. XXXX(XXX)	
	PLOT DATE = 6/12/2020	DATE - 6/12/2020	REVISED -		SCALE: 1"=20' / SHEET 12 OF 20 SHEETS / STA. 230+50.00 TO STA.		ILLINOIS	FED. AID PROJECT	

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PAVEMENT MARKING & SIGNING NOTES

1. ALL PAVEMENT MARKINGS SHALL BE OF THE TYPE AND COLOR AS SPECIFIED IN THE PLANS AND SHALL BE PLACED PER DISTRICT 7 STANDARD 78000001 AND IDOT STANDARD 780001-05.

2. RAISED REFLECTIVE PAVMENT MARKERS SHALL BE PLACED PER DISTRICT 7 STANDARD 78000001.

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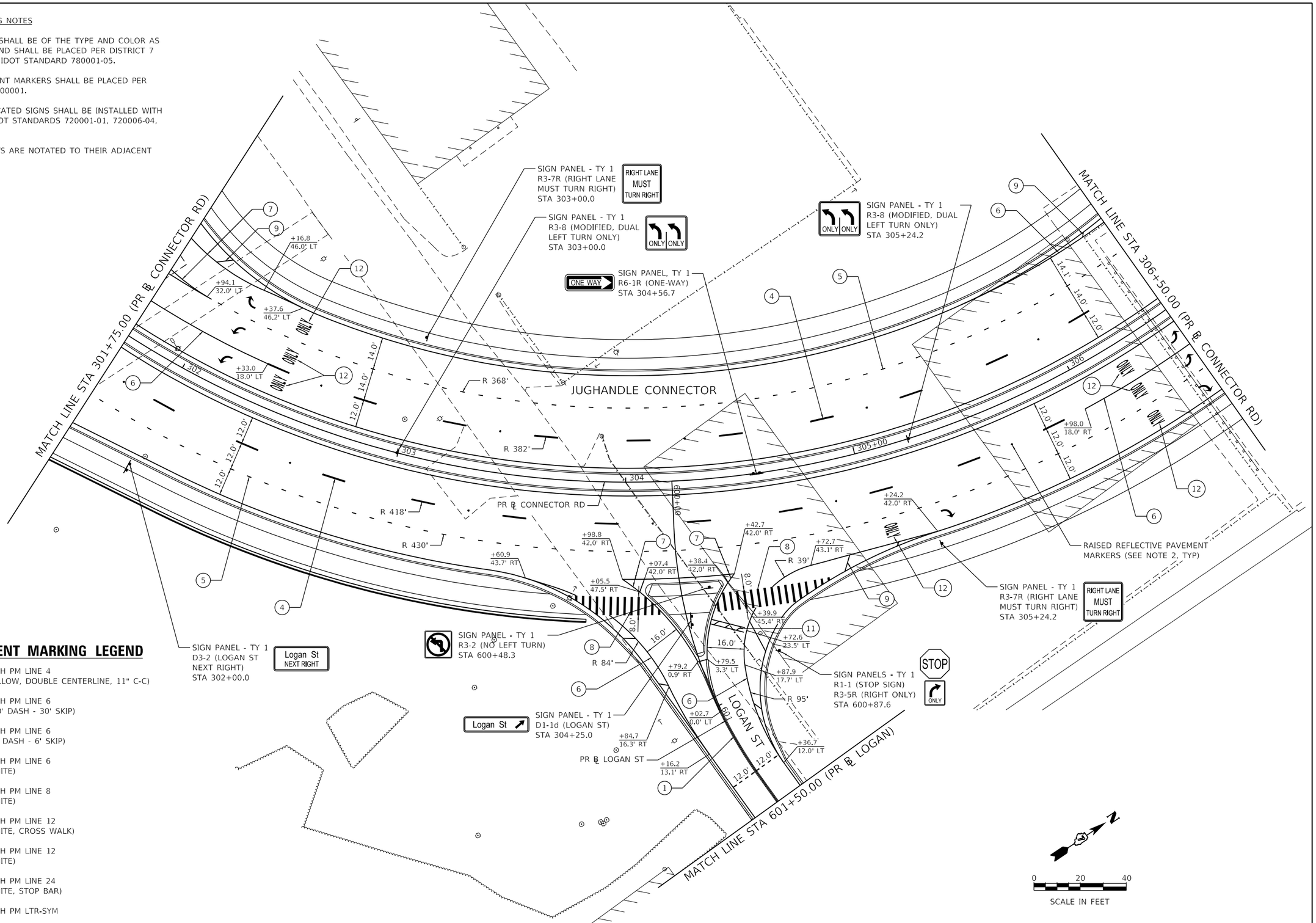
4. ALL STATIONS AND OFFSETS ARE NOTATED TO THEIR ADJACENT ROADWAY CENTERLINE.



PAVEMENT MARKING LEGEND

1. MOD URETH PM LINE 4 (SOLID YELLOW, DOUBLE CENTERLINE, 11" C-C)
4. MOD URETH PM LINE 6 (WHITE, 10' DASH - 30' SKIP)
5. MOD URETH PM LINE 6 (WHITE, 2' DASH - 6' SKIP)
6. MOD URETH PM LINE 6 (SOLID WHITE)
7. MOD URETH PM LINE 8 (SOLID WHITE)
8. MOD URETH PM LINE 12 (SOLID WHITE, CROSS WALK)
9. MOD URETH PM LINE 12 (SOILD WHITE)
11. MOD URETH PM LINE 24 (SOLID WHITE, STOP BAR)
12. MOD URETH PM LTR-SYM

Kaskaskia Engineering Group, LLC
PROFESSIONAL REGISTRATIONS — LICENSE NO.
Illinois Professional Design Firm 184.004773
Professional Engineering Group 20-5080586

USER NAME = rjo	DESIGNED - NDP	REVISED -	
	DRAWN - NDP	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - LDC	REVISED -	
PLOT DATE = 6/12/2020	DATE - 6/12/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONNECTOR ROAD
PAVEMENT MARKING & SIGNING PLAN

SCALE: 1"=20' | SHEET 13 OF 20 SHEETS | STA. 301+75.00 TO STA. 306+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00933-01-BR	MACON	572	340
		CONTRACT NO. XXXX(XXX)		
	ILLINOIS	FED. AID PROJECT		

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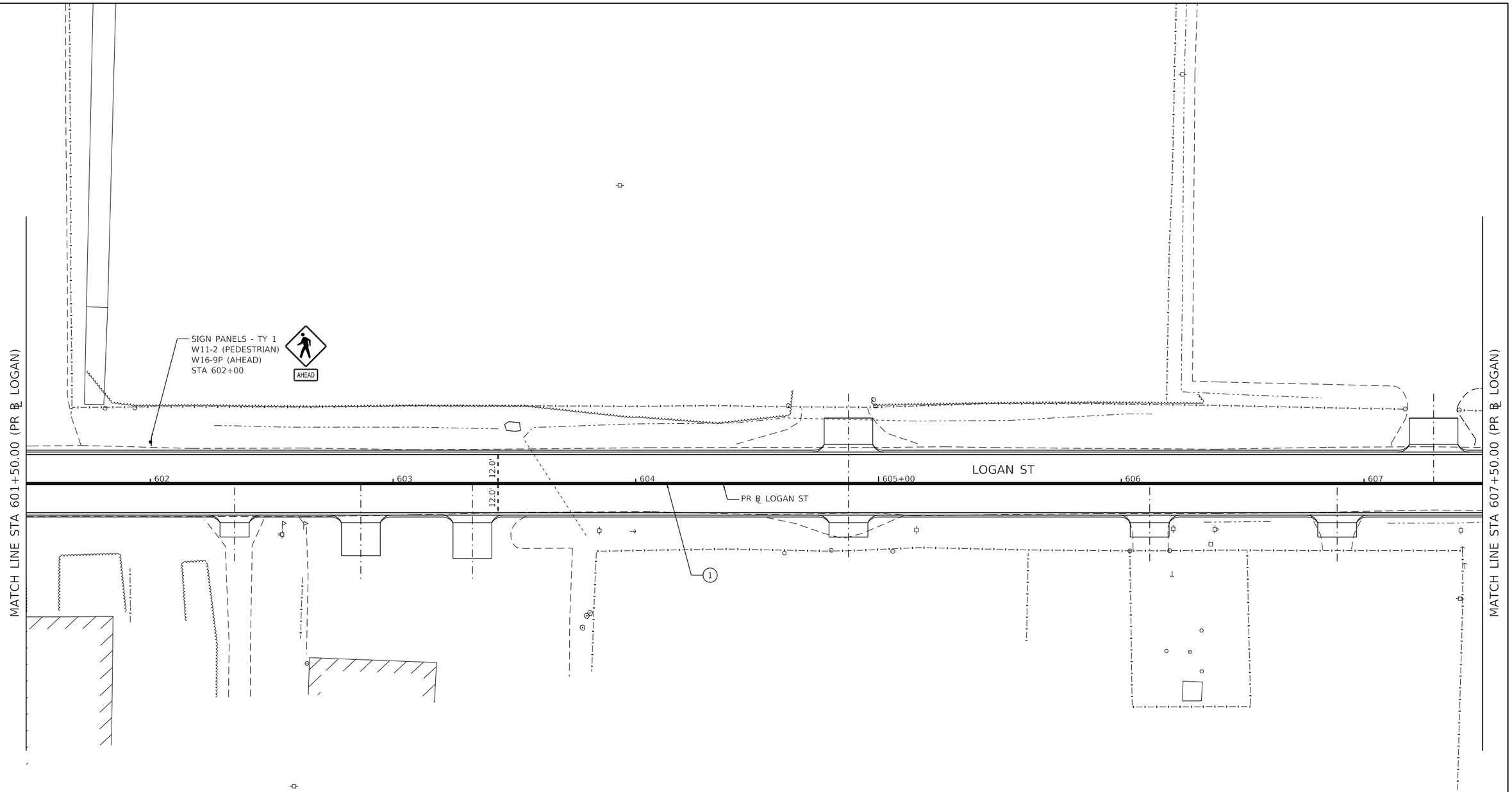


PAVEMENT MARKING & SIGNING NOTES

1. ALL PAVEMENT MARKINGS SHALL BE OF THE TYPE AND COLOR AS SPECIFIED IN THE PLANS AND SHALL BE PLACED PER DISTRICT 7 STANDARD 78000001 AND IDOT STANDARD 780001-05.

2. ALL PROPOSED AND RELOCATED SIGNS SHALL BE INSTALLED WITH NEW METAL POSTS PER IDOT STANDARDS 720001-01, 720006-04, AND 728001-01.

3. ALL STATIONS AND OFFSETS ARE NOTATED TO THEIR ADJACENT ROADWAY BASELINE.

PAVEMENT MARKING LEGEND

(1) MOD URETH PM LINE 4
(SOLID YELLOW, DOUBLE CENTERLINE, 11" C-C)

N

0 20 40
SCALE IN FEET

MODEL: Default
FILE NAME: pw:\\aecom-na-pw.bentley.com:AECOM_DS16_NA\Documents\60603202-Brush College\900-CAD GIS\910_CAD\03_SHEETS\04-KASKASKIA\Pavement Marking Plans\60603202_SHT_PMK-Sign_14_Logan_01.dgn

Kaskaskia Engineering Group, LLC
PROFESSIONAL REGISTRATIONS — LICENSE NO.
Illinois Professional Design Firm 184.004773
Professional Engineering Group 20-5080586

USER NAME = rjo	DESIGNED - NDP	REVISED -	
	DRAWN - NDP	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - LDC	REVISED -	
PLOT DATE = 6/12/2020	DATE - 6/12/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

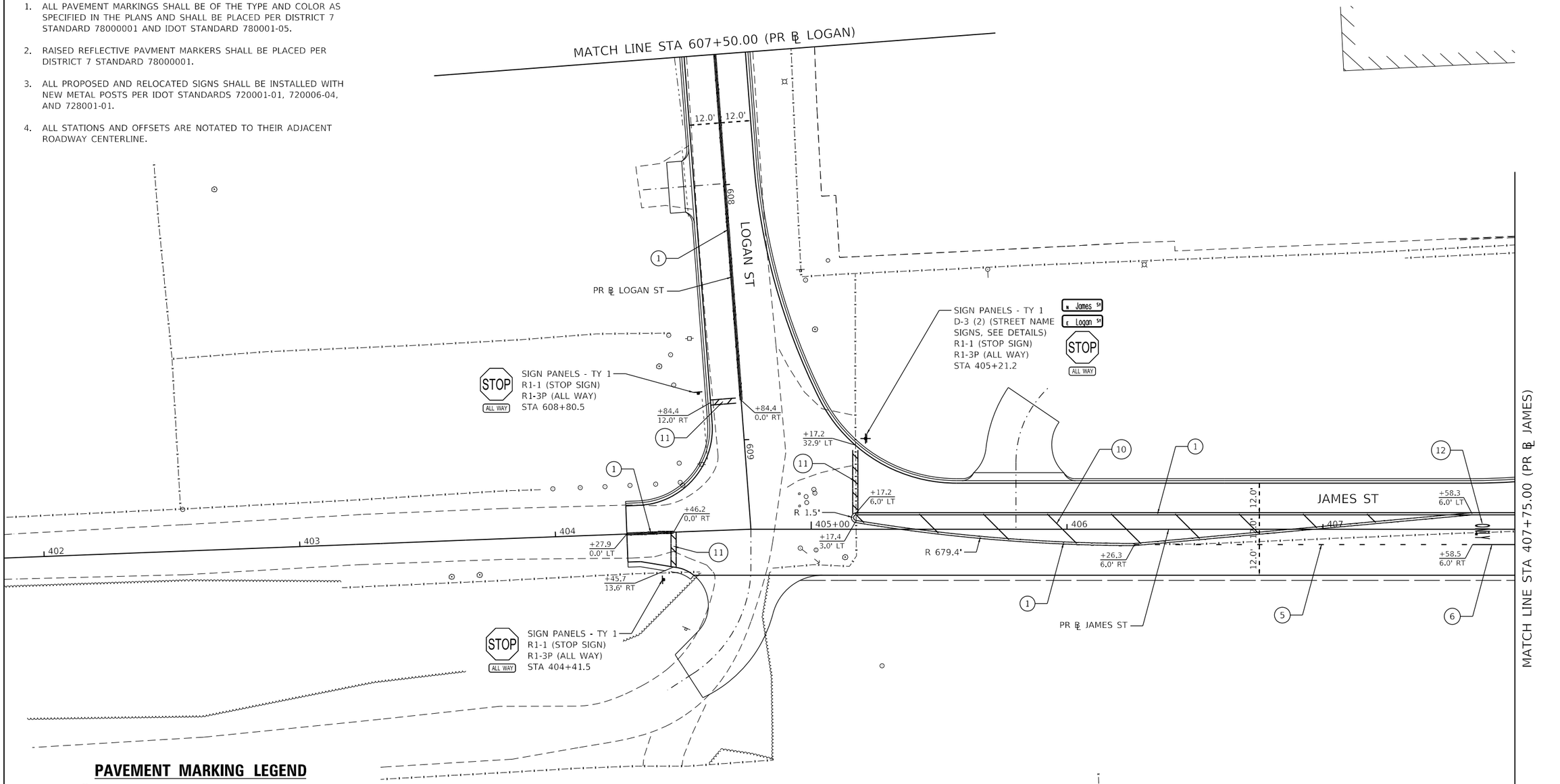
EAST LOGAN STREET
PAVEMENT MARKING & SIGNING PLAN

SCALE: 1"=20' | SHEET 14 OF 20 SHEETS | STA. 601+50.00 TO STA. 607+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00933-01-BR	MACON	572	341
		CONTRACT NO. XXXX(XXX)		
	ILLINOIS	FED. AID PROJECT		

PAVEMENT MARKING & SIGNING NOTES

1. ALL PAVEMENT MARKINGS SHALL BE OF THE TYPE AND COLOR AS SPECIFIED IN THE PLANS AND SHALL BE PLACED PER DISTRICT 7 STANDARD 78000001 AND IDOT STANDARD 780001-05.
2. RAISED REFLECTIVE PAVMENT MARKERS SHALL BE PLACED PER DISTRICT 7 STANDARD 78000001.
3. ALL PROPOSED AND RELOCATED SIGNS SHALL BE INSTALLED WITH NEW METAL POSTS PER IDOT STANDARDS 720001-01, 720006-04, AND 728001-01.
4. ALL STATIONS AND OFFSETS ARE NOTATED TO THEIR ADJACENT ROADWAY CENTERLINE.



PAVEMENT MARKING LEGEND

(1) MOD URETH PM LINE 4
(SOLID YELLOW, DOUBLE CENTERLINE, 11" C-C)

(5) MOD URETH PM LINE 6
(WHITE, 2' DASH - 6' SKIP)

(6) MOD URETH PM LINE 6
(SOLID WHITE)

(10) MOD URETH PM LINE 12
(SOLID YELLOW)

(11) MOD URETH PM LINE 24
(SOLID WHITE, STOP BAR)

(12) MOD URETH PM LTR-SYM

N

0 20 40
SCALE IN FEET

MODEL: Default
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Kaskaskia Engineering Group, LLC PROFESSIONAL REGISTRATIONS LICENSE NO. Illinois Professional Design Firm 184.004773 Professional Engineering Group 20-5080586	USER NAME = rjo	DESIGNED - NDP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTH JAMES STREET PAVEMENT MARKING & SIGNING PLAN	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - NDP	REVISED -				09-00933-01-BR	MACON	572 / 342
	PLOT SCALE = 40.0000 ' / in.	CHECKED - LDC	REVISED -					CONTRACT NO. XXXX(XXX)	
	PLOT DATE = 6/12/2020	DATE - 6/12/2020	REVISED -		SCALE: 1"=20' / SHEET 15 OF 20 SHEETS / STA. 607+50.00 TO STA. 407+75.00			ILLINOIS FED. AID PROJECT	

PAVEMENT MARKING & SIGNING NOTES

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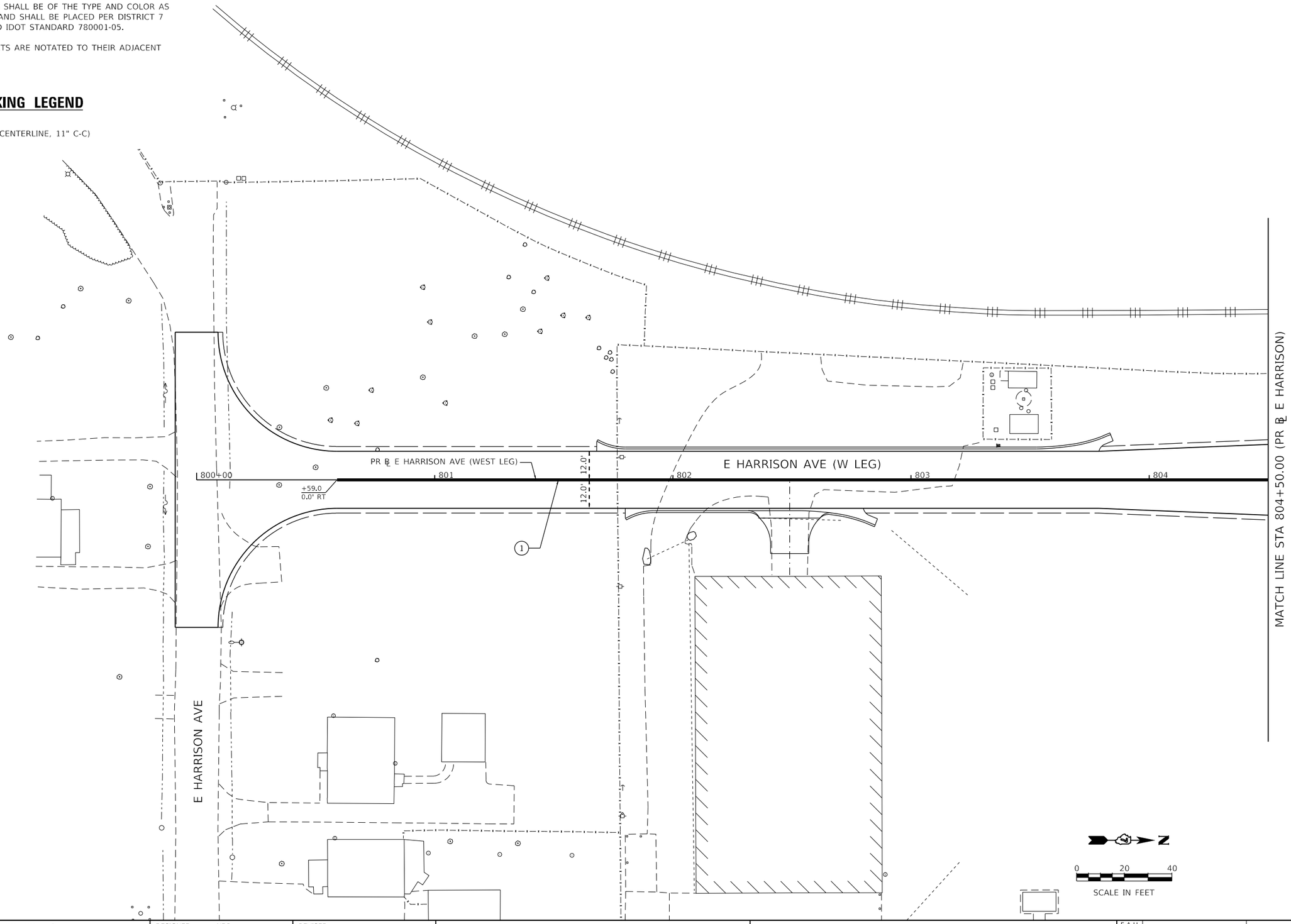
2. ALL STATIONS AND OFFSETS ARE NOTATED TO THEIR ADJACENT ROADWAY CENTERLINE.

PAVEMENT MARKING LEGEND

(1) MOD URETH PM LINE 4
(SOLID YELLOW, DOUBLE CENTERLINE, 11" C-C)



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Kaskaskia Engineering Group, LLC
PROFESSIONAL REGISTRATIONS — LICENSE NO.
Illinois Professional Design Firm — 184.004773
Professional Engineering Group — 20-5080586

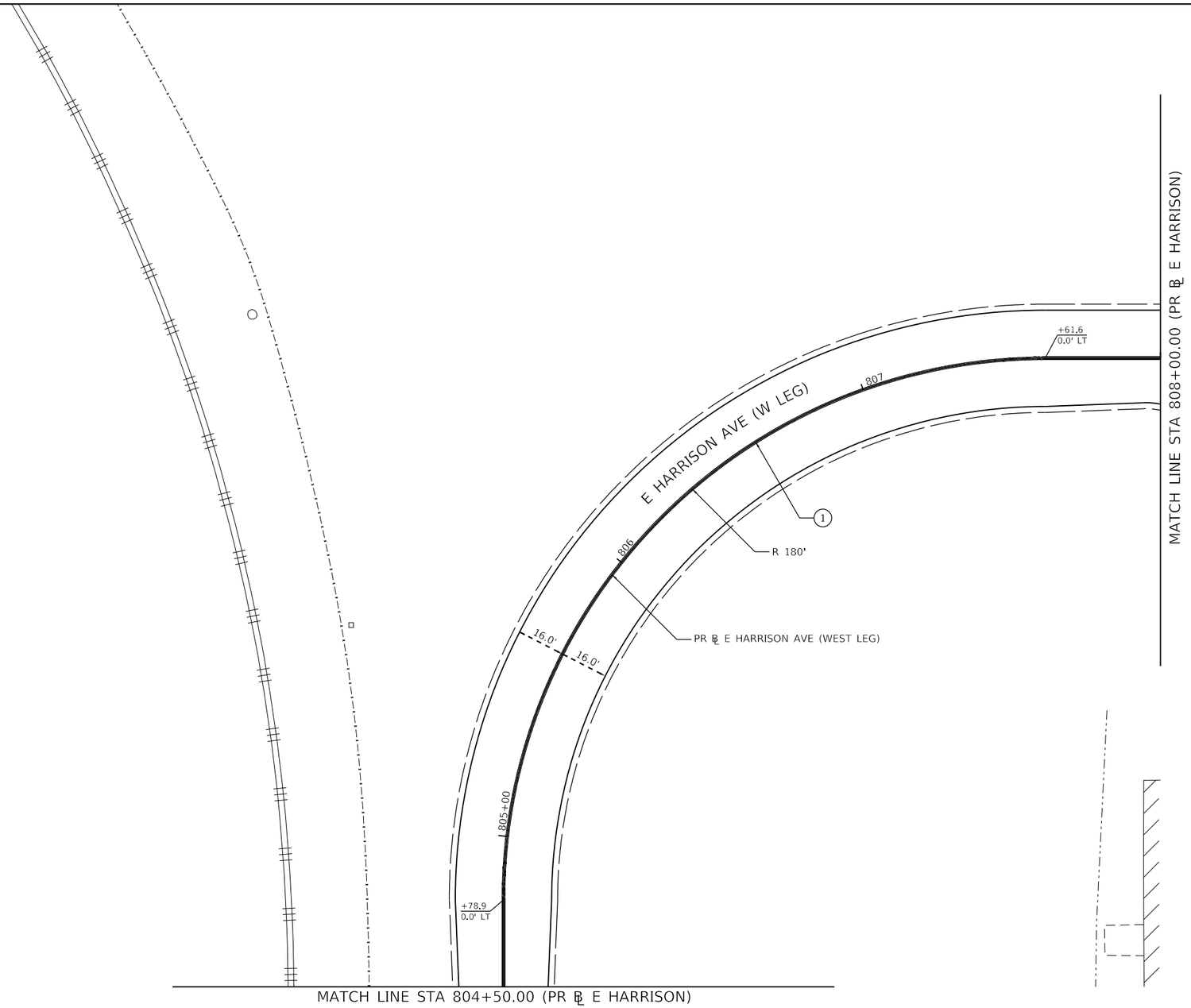
USER NAME = rjo	DESIGNED - NDP	REVISED -
	DRAWN - NDP	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - LDC	REVISED -
PLOT DATE = 6/12/2020	DATE - 6/12/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E HARRISON AVENUE (WEST LEG)
PAVEMENT MARKING & SIGNING PLAN

SCALE: 1"=20' | SHEET 16 OF 20 SHEETS | STA. 800+00.00 TO STA. 804+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00933-01-BR	MACON	572	343
		CONTRACT NO. XXXX(XXX)		
	ILLINOIS	FED. AID PROJECT		



PAVEMENT MARKING & SIGNING NOTES

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2. ALL STATIONS AND OFFSETS ARE NOTATED TO THEIR ADJACENT ROADWAY CENTERLINE.

PAVEMENT MARKING LEGEND

(1) MOD URETH PM LINE 4
(SOLID YELLOW, DOUBLE CENTERLINE, 11" C-C)

N

0 20 40

SCALE IN FEET

MODEL: Default
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Kaskaskia Engineering Group, LLC
PROFESSIONAL REGISTRATIONS — LICENSE NO.
Illinois Professional Design Firm 184.004773
Professional Engineering Group 20-5080586

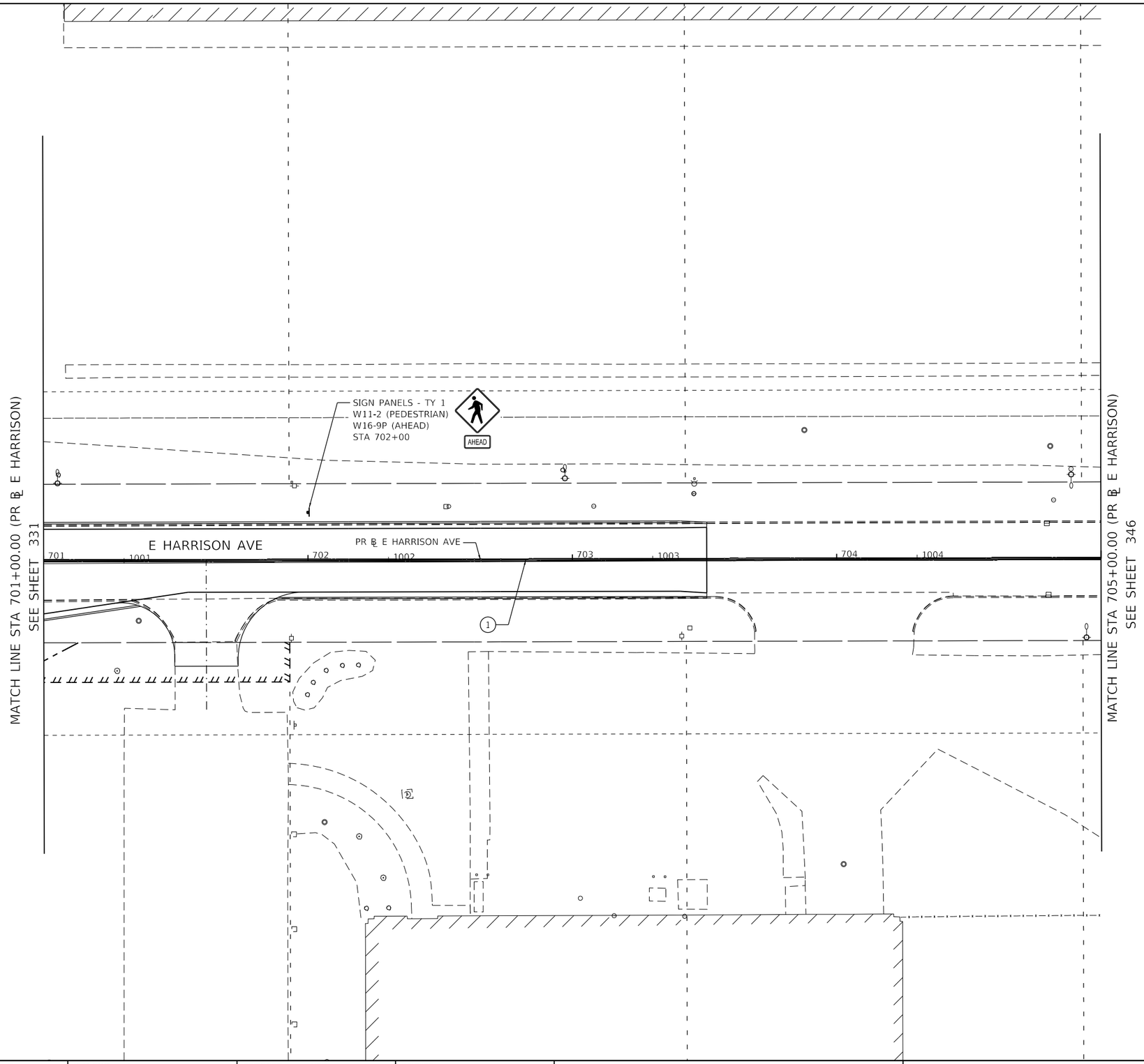
USER NAME = rjo	DESIGNED - NDP	REVISED -	
	DRAWN - NDP	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - LDC	REVISED -	
PLOT DATE = 6/12/2020	DATE - 6/12/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E HARRISON AVENUE (WEST LEG)
PAVEMENT MARKING & SIGNING PLAN

SCALE: 1"=20' | SHEET 17 OF 20 SHEETS | STA. 804+50.00 TO STA. 808+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00933-01-BR	MACON	572	344
		CONTRACT NO. XXXX(XXX)		
	ILLINOIS	FED. AID PROJECT		



PAVEMENT MARKING & SIGNING NOTES

1. ALL PAVEMENT MARKINGS SHALL BE OF THE TYPE AND COLOR AS SPECIFIED IN THE PLANS AND SHALL BE PLACED PER DISTRICT 7 STANDARD 78000001 AND IDOT STANDARD 780001-05.

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PAVEMENT MARKING LEGEND

(1) MOD URETH PM LINE 4
(SOLID YELLOW, DOUBLE CENTERLINE, 11" C-C)

N

0 20 40
SCALE IN FEET

MODEL: Default
FILE NAME: pw:\\aecom-na-pw.bentley.com:AECOM_DS16_NA\Documents\60603202-Brush College\900-CAD GIS\910_CAD\03_SHEETS\04-KASKASKIA\Pavement Marking Plans\60603202_SHT_PMK-Sign_18_EHarrison-01.dgn

Kaskaskia Engineering Group, LLC
PROFESSIONAL REGISTRATIONS — LICENSE NO.
Illinois Professional Design Firm — 184.004773
Professional Engineering Group — 20-5080586

USER NAME = rjo	DESIGNED - NDP	REVISED -
	DRAWN - NDP	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - LDC	REVISED -
PLOT DATE = 6/12/2020	DATE - 6/12/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E HARRISON AVENUE (EAST LEG)
PAVEMENT MARKING & SIGNING PLAN

SCALE: 1"=20' | SHEET 18 OF 20 SHEETS | STA. 701+00.00 TO STA. 705+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00933-01-BR	MACON	572	345
		CONTRACT NO. XXXX(XXX)		
	ILLINOIS	FED. AID PROJECT		

PAVEMENT MARKING & SIGNING NOTES

1. ALL PAVEMENT MARKINGS SHALL BE OF THE TYPE AND COLOR AS SPECIFIED IN THE PLANS AND SHALL BE PLACED PER DISTRICT 7 STANDARD 78000001 AND IDOT STANDARD 780001-05.

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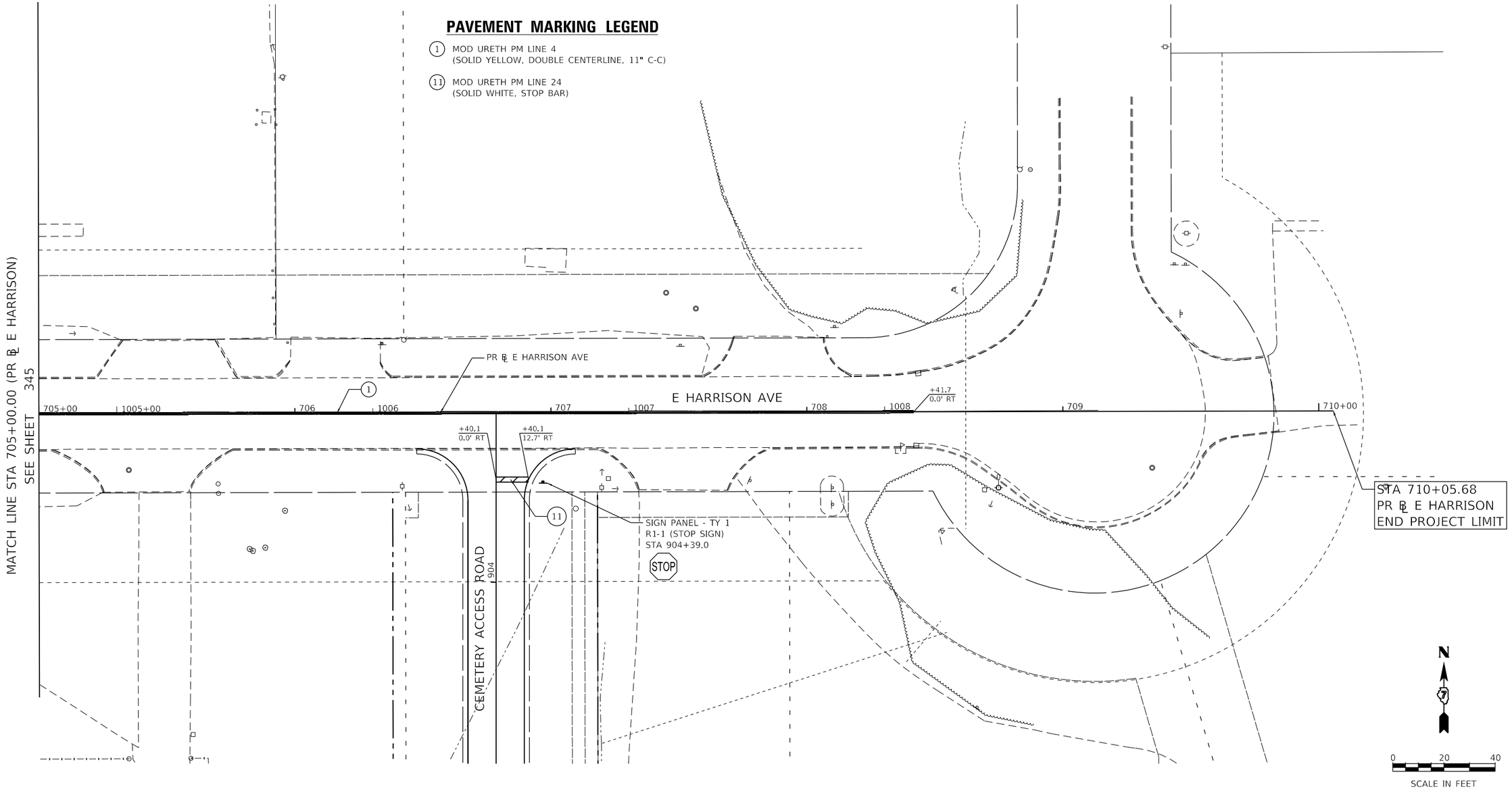
PAVEMENT MARKING LEGEND

(1) MOD URETH PM LINE 4
(SOLID YELLOW, DOUBLE CENTERLINE, 11" C-C)

(11) MOD URETH PM LINE 24
(SOLID WHITE, STOP BAR)



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Kaskaskia Engineering Group, LLC
PROFESSIONAL REGISTRATIONS — LICENSE NO.
Illinois Professional Design Firm — 184.004753
Professional Engineering Group — 20-5080586

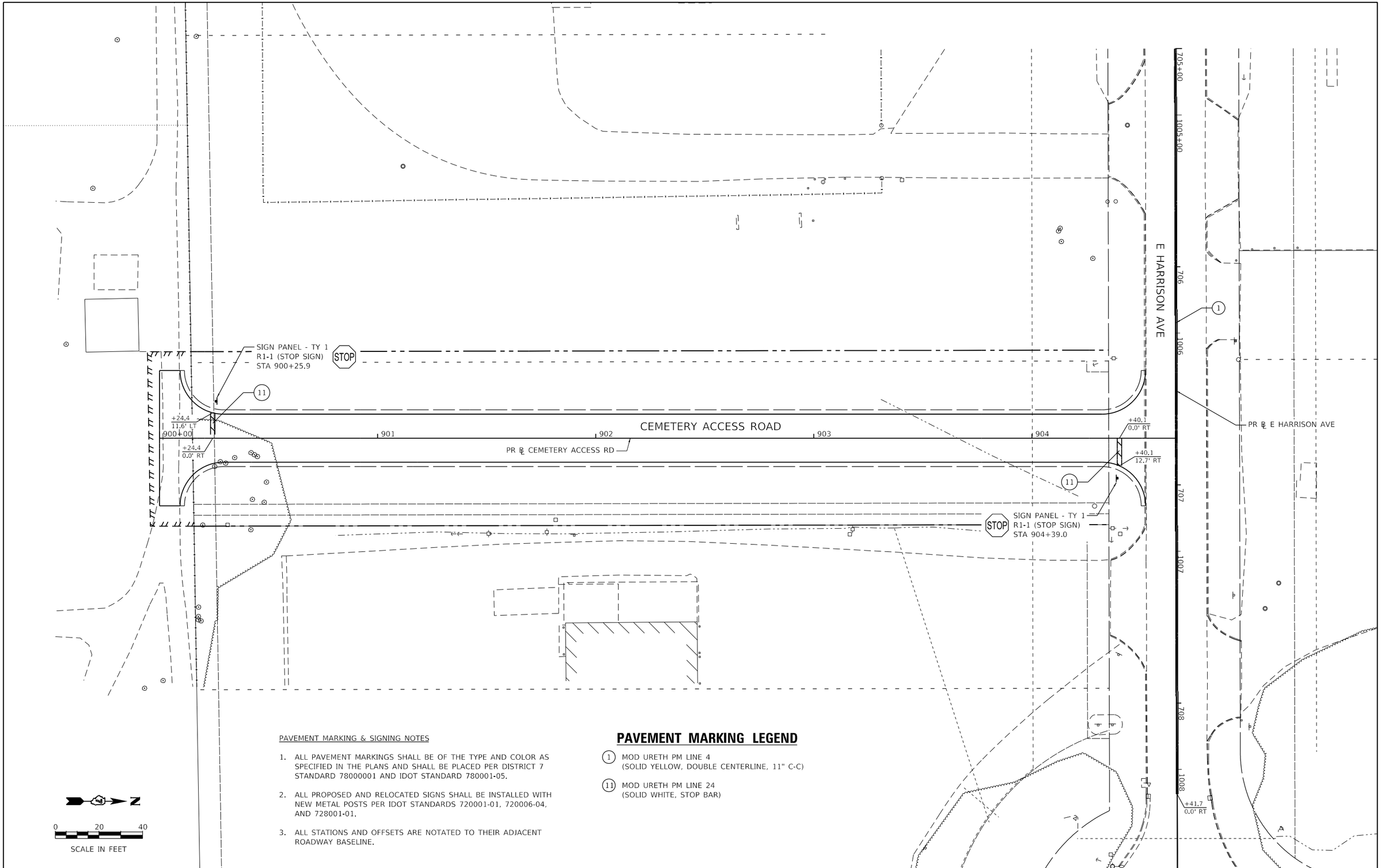
USER NAME = rjo	DESIGNED - NDP	REVISED -	
	DRAWN - NDP	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - LDC	REVISED -	
PLOT DATE = 6/12/2020	DATE - 6/12/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E HARRISON AVENUE (EAST LEG)
PAVEMENT MARKING & SIGNING PLAN

SCALE: 1"=20' | SHEET 19 OF 20 SHEETS | STA. 705+00.00 TO STA. 710+05.68

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00933-01-BR	MACON	572	346
		CONTRACT NO. XXXX(XXX)		
	ILLINOIS	FED. AID PROJECT		



PAVEMENT MARKING & SIGNING NOTES

1. ALL PAVEMENT MARKINGS SHALL BE OF THE TYPE AND COLOR AS SPECIFIED IN THE PLANS AND SHALL BE PLACED PER DISTRICT 7 STANDARD 78000001 AND IDOT STANDARD 780001-05.
2. ALL PROPOSED AND RELOCATED SIGNS SHALL BE INSTALLED WITH NEW METAL POSTS PER IDOT STANDARDS 720001-01, 720006-04, AND 728001-01.
3. ALL STATIONS AND OFFSETS ARE NOTATED TO THEIR ADJACENT ROADWAY BASELINE.

PAVEMENT MARKING LEGEND

(1) MOD URETH PM LINE 4
(SOLID YELLOW, DOUBLE CENTERLINE, 11" C-C)

(11) MOD URETH PM LINE 24
(SOLID WHITE, STOP BAR)

MODEL: Default
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Kaskaskia Engineering Group, LLC
PROFESSIONAL REGISTRATIONS — LICENSE NO.
Illinois Professional Design Firm 184.004773
Professional Engineering Group 20-5086586

USER NAME = rjo	DESIGNED - NDP	REVISED -	
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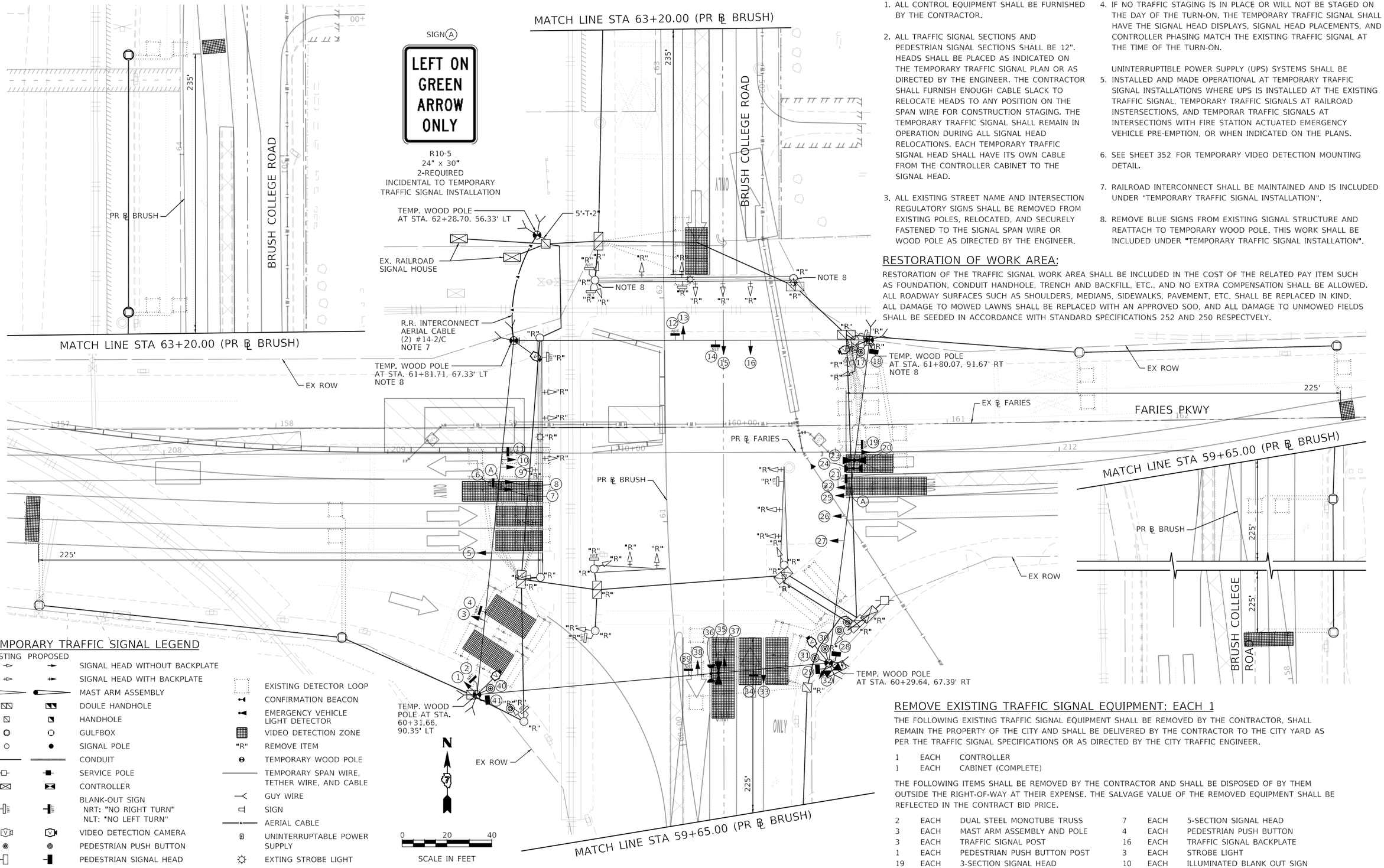
PLOT DATE = 6/12/2020	DATE - 6/12/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E HARRISON AVENUE (EAST LEG) & CEMETERY ROAD
PAVEMENT MARKING & SIGNING PLAN

SCALE: 1"=20' | SHEET 20 OF 20 SHEETS | STA. 900+00.00 TO STA. 904+52.12

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00933-01-BR	MACON	572	347
		CONTRACT NO. XXXX(XXX)		
	ILLINOIS	FED. AID PROJECT		



NOTES:

1. ALL CONTROL EQUIPMENT SHALL BE FURNISHED BY THE CONTRACTOR.
2. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE 12". HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
3. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED, AND SECURELY FASTENED TO THE SIGNAL SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
4. IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN-ON, THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS, AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL AT THE TIME OF THE TURN-ON.

   UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE
5. INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL, TEMPORARY TRAFFIC SIGNALS AT RAILROAD INSTERSECTIONS, AND TEMPORAR TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PRE-EMPTION, OR WHEN INDICATED ON THE PLANS.
6. SEE SHEET 352 FOR TEMPORARY VIDEO DETECTION MOUNTING DETAIL.
7. RAILROAD INTERCONNECT SHALL BE MAINTAINED AND IS INCLUDED UNDER "TEMPORARY TRAFFIC SIGNAL INSTALLATION".
8. REMOVE BLUE SIGNS FROM EXISTING SIGNAL STRUCTURE AND REATTACH TO TEMPORARY WOOD POLE. THIS WORK SHALL BE INCLUDED UNDER "TEMPORARY TRAFFIC SIGNAL INSTALLATION".

RESTORATION OF WORK AREA:

RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED IN THE COST OF THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTVELY.

TEMPORARY TRAFFIC SIGNAL LEGEND

EXISTING	PROPOSED	
		SIGNAL HEAD WITHOUT BACKPLATE
		SIGNAL HEAD WITH BACKPLATE
		MAST ARM ASSEMBLY
		DOULE HANDHOLE
		HANDHOLE
		GULFBOX
		SIGNAL POLE
		CONDUIT
		SERVICE POLE
		CONTROLLER
		BLANK-OUT SIGN NRT: "NO RIGHT TURN" NLT: "NO LEFT TURN"
		VIDEO DETECTION CAMERA
		PEDESTRIAN PUSH BUTTON
		PEDESTRIAN SIGNAL HEAD

	EXISTING DETECTOR LOOP
	CONFIRMATION BEACON
	EMERGENCY VEHICLE LIGHT DETECTOR
	VIDEO DETECTION ZONE
"R"	REMOVE ITEM
	TEMPORARY WOOD POLE
	TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
	GUY WIRE
	SIGN
	AERIAL CABLE
	UNINTERRUPTABLE POWER SUPPLY
	EXTING STROBE LIGHT

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT: EACH 1

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE CITY AND SHALL BE DELIVERED BY THE CONTRACTOR TO THE CITY YARD AS PER THE TRAFFIC SIGNAL SPECIFICATIONS OR AS DIRECTED BY THE CITY TRAFFIC ENGINEER.

1	EACH	CONTROLLER
1	EACH	CABINET (COMPLETE)

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

2	EACH	DUAL STEEL MONOTUBE TRUSS	7	EACH	5-SECTION SIGNAL HEAD
3	EACH	MAST ARM ASSEMBLY AND POLE	4	EACH	PEDESTRIAN PUSH BUTTON
3	EACH	TRAFFIC SIGNAL POST	16	EACH	TRAFFIC SIGNAL BACKPLATE
1	EACH	PEDESTRIAN PUSH BUTTON POST	3	EACH	STROBE LIGHT
19	EACH	3-SECTION SIGNAL HEAD	10	EACH	ILLUMINATED BLANK OUT SIGN

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AECOM
345 EAST ASH AVENUE, SUITE B
DECATUR, IL 62526-6161
PHONE: (217) 875-4800 FAX: (217) 875-3577

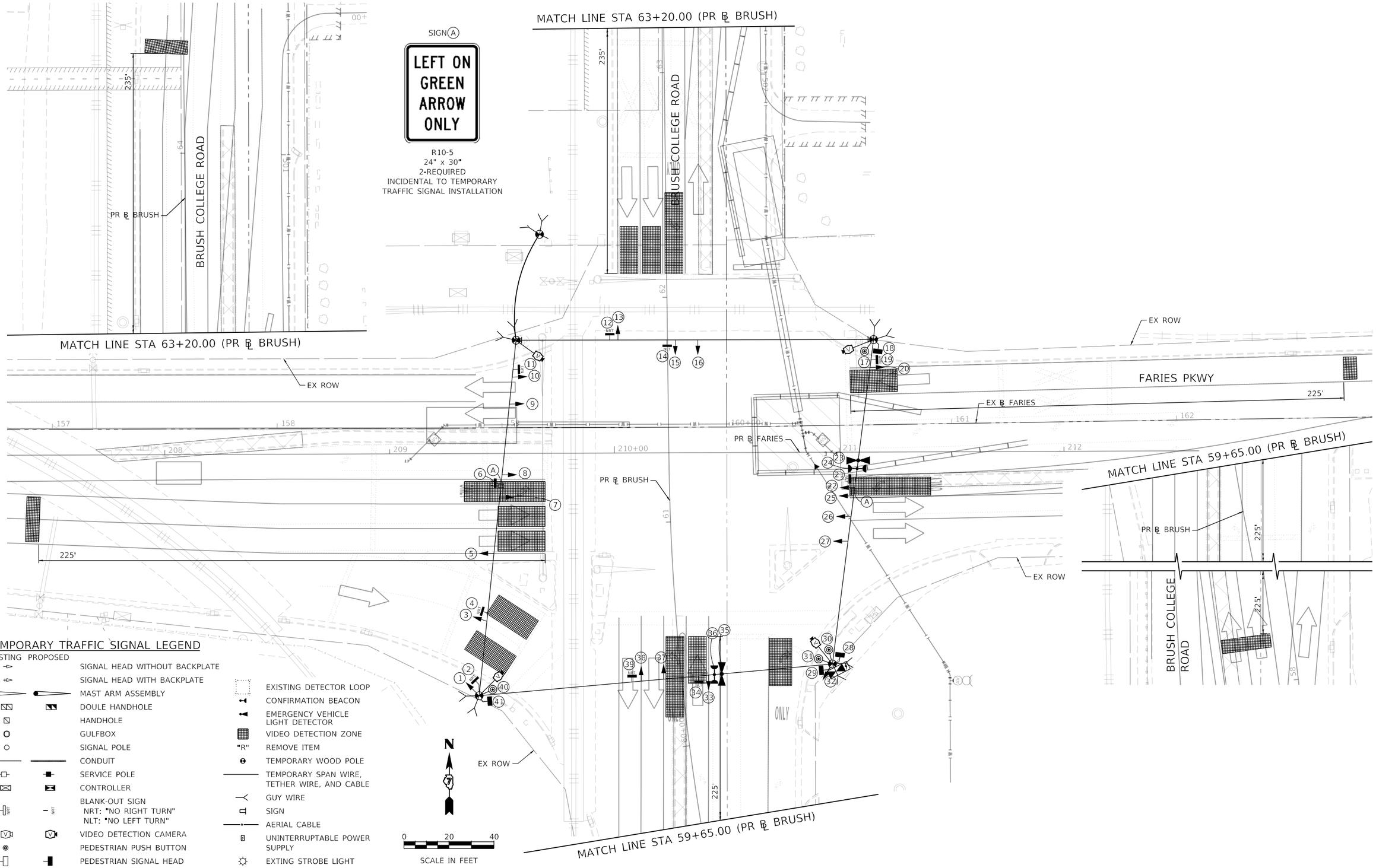
USER NAME = patrick.jordan	DESIGNED - PTJ	REVISED -	
	DRAWN - PTJ	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - MJL	REVISED -	
PLOT DATE = 6/11/2020	DATE - 6/12/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRUSH COLLEGE ROAD & EAST FARIES PARKWAY
TEMPORARY TRAFFIC SIGNAL PLAN – STAGE 0B

SCALE: 1"=20' | SHEET 1 OF 9 SHEETS | STA. TO STA. 52+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00933-01-BR	MACON	572	348
		CONTRACT NO. 6WGY(165)		
	ILLINOIS	FED. AID PROJECT		



TEMPORARY TRAFFIC SIGNAL LEGEND

EXISTING	PROPOSED			
		SIGNAL HEAD WITHOUT BACKPLATE		
		SIGNAL HEAD WITH BACKPLATE		
		MAST ARM ASSEMBLY		
		DOULE HANDHOLE		
		HANDHOLE		
		GULFBOX		
		SIGNAL POLE		
		CONDUIT		
		SERVICE POLE		
		CONTROLLER		
NRT	NRT	BLANK-OUT SIGN NRT: "NO RIGHT TURN" NLT: "NO LEFT TURN"		
V	V	VIDEO DETECTION CAMERA		
		PEDESTRIAN PUSH BUTTON		
		PEDESTRIAN SIGNAL HEAD		
			EXISTING DETECTOR LOOP	
			CONFIRMATION BEACON	
			EMERGENCY VEHICLE LIGHT DETECTOR	
			VIDEO DETECTION ZONE	
			"R"	REMOVE ITEM
			TEMPORARY WOOD POLE	
			TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE	
			GUY WIRE	
			SIGN	
			AERIAL CABLE	
			UNINTERRUPTABLE POWER SUPPLY	
			EXTING STROBE LIGHT	

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DECATUR, IL 62526-6161
PHONE: (217) 875-4800 FAX: (217) 875-3377

USER NAME = patrick.jordan	DESIGNED - PTJ	REVISED -	
	DRAWN - PTJ	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - MJL	REVISED -	
PLOT DATE = 6/11/2020	DATE - 6/12/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRUSH COLLEGE ROAD & EAST FARIES PARKWAY
TEMPORARY TRAFFIC SIGNAL PLAN – STAGE 0C

SCALE: 1"=20' | SHEET 2 OF 9 SHEETS | STA. TO STA. 52+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00933-01-BR	MACON	572	349
		CONTRACT NO. 6WGY(165)		
	ILLINOIS	FED. AID PROJECT		

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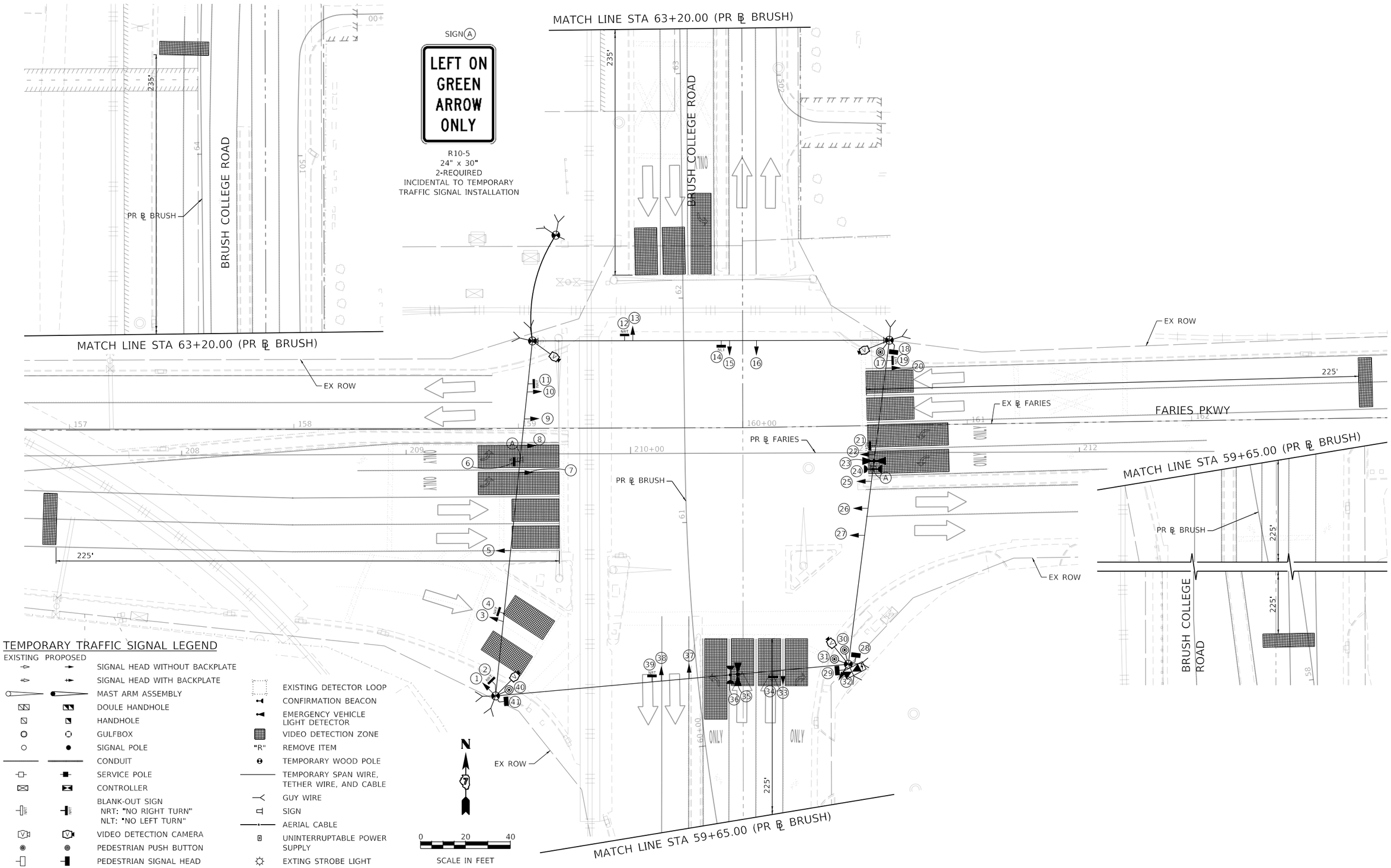

TEMPORARY TRAFFIC SIGNAL LEGEND

EXISTING PROPOSED

- SIGNAL HEAD WITHOUT BACKPLATE
- SIGNAL HEAD WITH BACKPLATE
- MAST ARM ASSEMBLY
- DOULE HANDHOLE
- HANDHOLE
- GULFBOX
- SIGNAL POLE
- CONDUIT
- SERVICE POLE
- CONTROLLER
- BLANK-OUT SIGN NRT: "NO RIGHT TURN" NLT: "NO LEFT TURN"
- VIDEO DETECTION CAMERA
- PEDESTRIAN PUSH BUTTON
- PEDESTRIAN SIGNAL HEAD
- EXISTING DETECTOR LOOP
- CONFIRMATION BEACON
- EMERGENCY VEHICLE LIGHT DETECTOR
- VIDEO DETECTION ZONE
- "R" REMOVE ITEM
- TEMPORARY WOOD POLE
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- GUY WIRE
- SIGN
- AERIAL CABLE
- UNINTERRUPTABLE POWER SUPPLY
- EXTING STROBE LIGHT

AECOM
345 EAST ASH AVENUE, SUITE B
DECATUR, IL 62526-6161
PHONE: (217) 875-4800 FAX: (217) 875-3577

USER NAME = patrick.jordan	DESIGNED - PTJ	REVISED -	
	DRAWN - PTJ	REVISED -	
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PLOT DATE = 6/11/2020	DATE - 6/12/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRUSH COLLEGE ROAD & EAST FARIES PARKWAY
TEMPORARY TRAFFIC SIGNAL PLAN – STAGES 1 AND 2

SCALE: 1"=20' | SHEET 3 OF 9 SHEETS | STA. TO STA. 52+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00933-01-BR	MACON	572	350
		CONTRACT NO. 6WGY(165)		
	ILLINOIS	FED. AID PROJECT		

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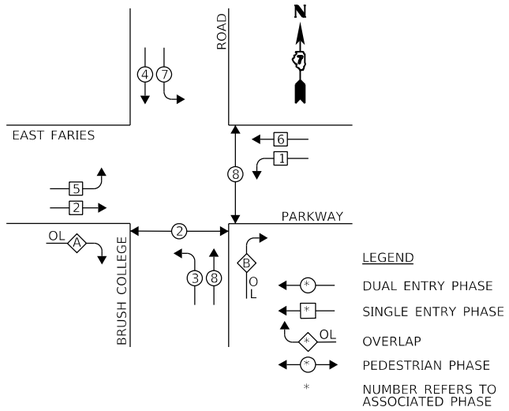
TEMPORARY CONTROLLER SEQUENCE

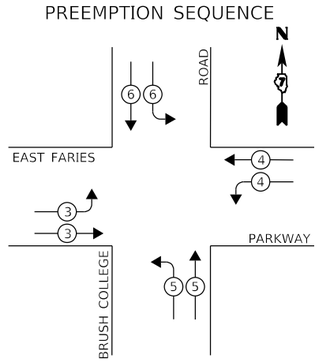


TEMPORARY PHASE DESIGNATION DIAGRAM

RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
A	=	2	+	3
B	=	8	+	1

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



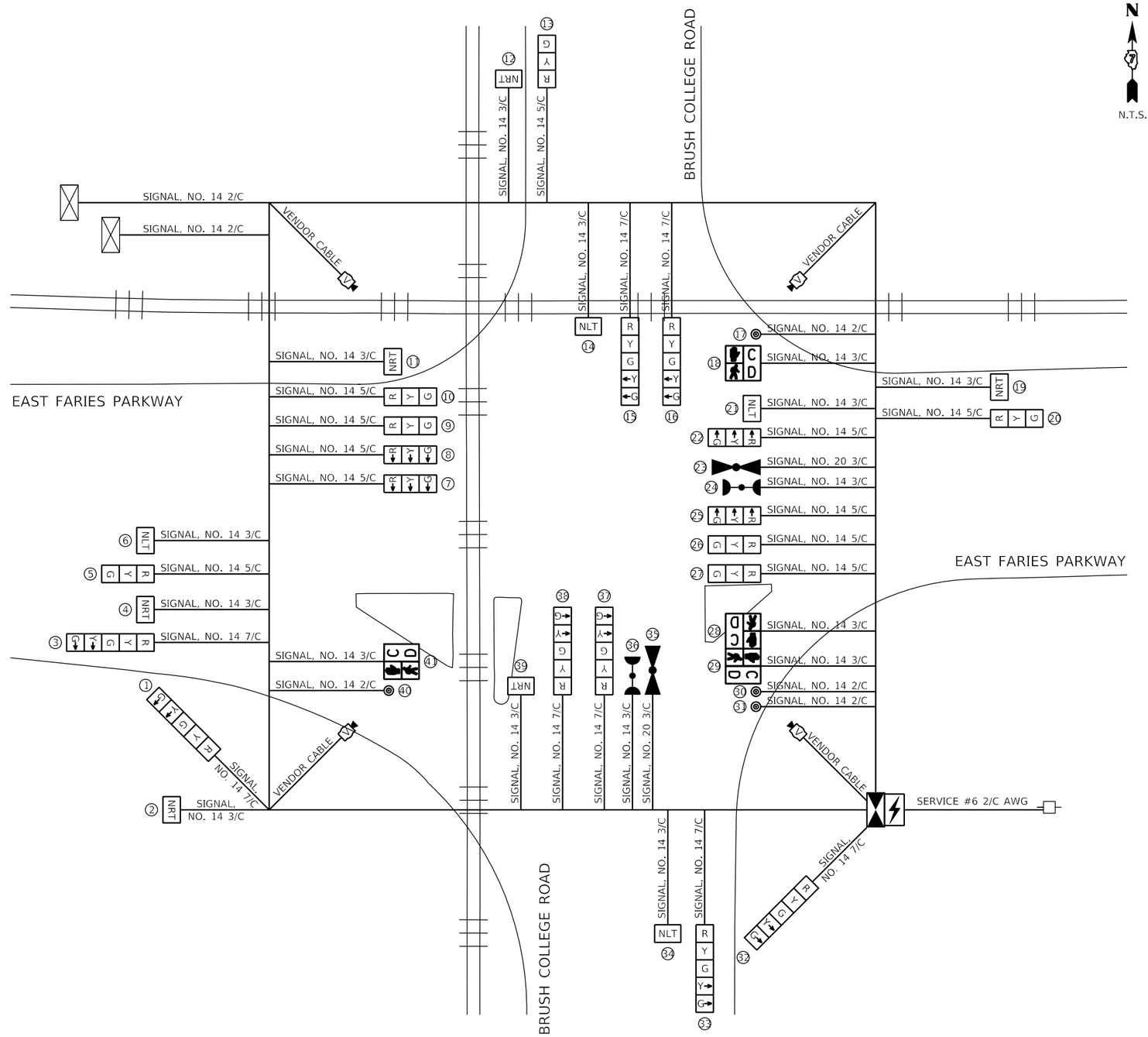
TEMPORARY EMERGENCY VEHICLE PREEMPTOR				
EMERGENCY VEHICLE PREEMPTOR	3	4	5	6
MOVEMENT				

CITY OF DECATUR TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE X INCAND.	LED X	% OPERATION	
SIGNAL (RED)	19		17	0.50	161.50
(YELLOW)	19		25	0.25	118.75
(GREEN)	19		15	0.25	71.25
ARROW	26		12	0.10	19.20
PED. SIGNAL	4		25	1.00	100.00
CONTROLLER	1		300	1.00	300.00
VIDEO SYSTEM	1	150	-	1.00	0.00
UPS	1		25	1.00	25.00
BLANK-OUT	10		30	0.10	30.00
ENERGY COSTS TO:				TOTAL =	825.70

CITY OF DECATUR

[INSERT AGENCY ADDRESS]

ENERGY SUPPLY: CONTACT: [INSERT CONTACT NAME]
PHONE: [INSERT CONTACT PHONE]
COMPANY: AMEREN



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PHONE: (217) 875-4800 FAX: (217) 875-3577

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	DRAWN - PTJ	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - MJL	REVISED -	
PLOT DATE = 6/11/2020	DATE - 6/12/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FARIES PARKWAY & JUG HANDLE CONNECTOR ROAD
TEMPORARY TRAFFIC SIGNAL CABLE PLAN – STAGES 0B TO 2

SCALE: N.T.S. | SHEET 4 OF 9 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00933-01-BR	MACON	572	351
		CONTRACT NO. 6WGY(165)		
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
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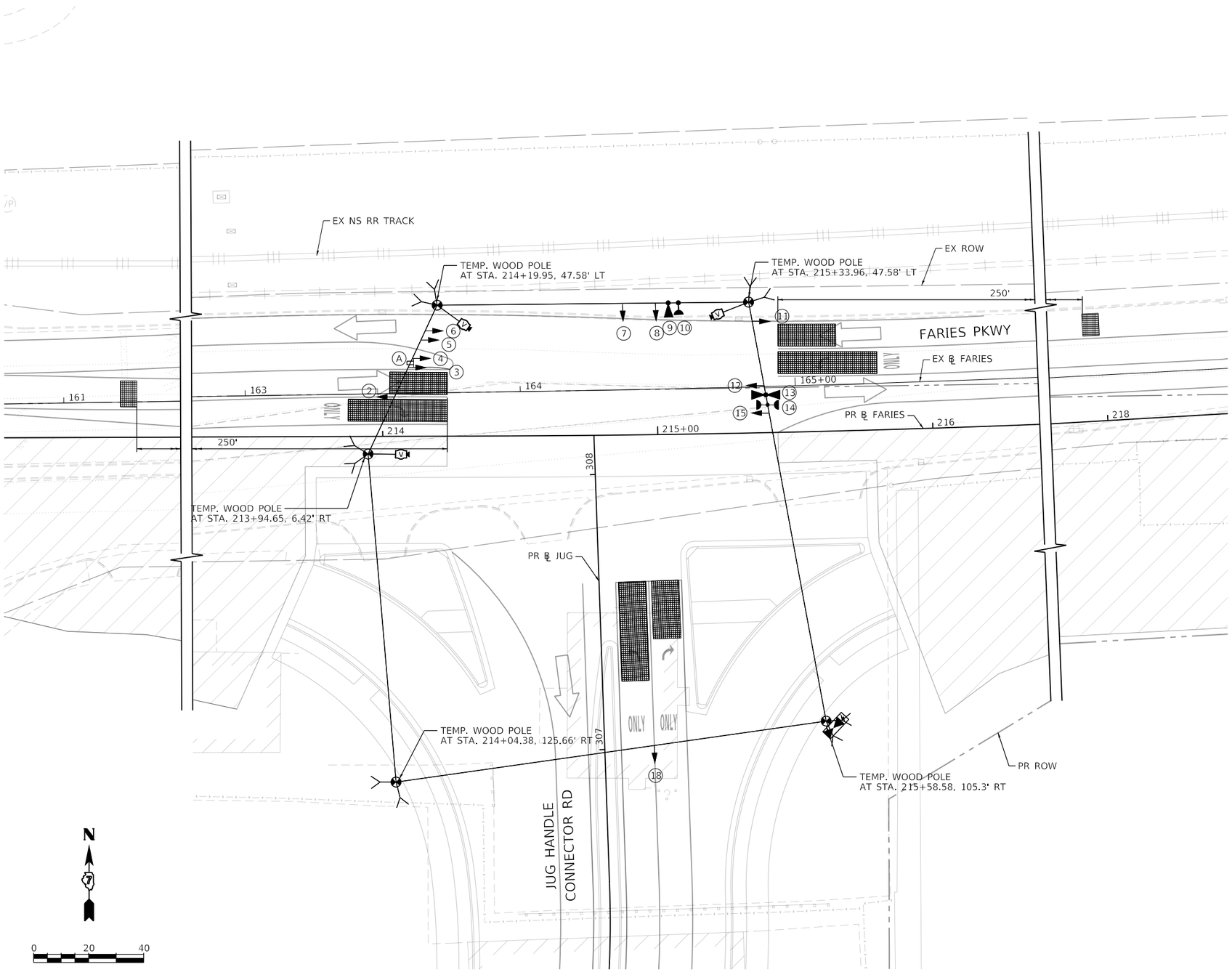

TEMPORARY TRAFFIC SIGNAL LEGEND

- SIGNAL HEAD WITHOUT BACKPLATE
- CONDUIT
- SERVICE POLE
- CONTROLLER
- UNINTERRUPTABLE POWER SUPPLY
- VIDEO DETECTION CAMERA
- PEDESTRIAN PUSH BUTTON
- PEDESTRIAN SIGNAL HEAD
- CONFIRMATION BEACON
- EMERGENCY VEHICLE LIGHT DETECTOR
- VIDEO DETECTION ZONE
- "R" REMOVE ITEM
- TEMPORARY WOOD POLE
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- GUY WIRE
- SIGN
- AERIAL CABLE

NOTES:

1. ALL CONTROL EQUIPMENT SHALL BE FURNISHED BY THE CONTRACTOR.

2. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE 12". HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.

3. UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL, TEMPORARY TRAFFIC SIGNALS AT RAILROAD INSTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PRE-EMPTION, OR WHEN INDICATED ON THE PLANS.

4. SEE SHEET 356 FOR TEMPORARY VIDEO DETECTION MOUNTING DETAIL.

5. SEE SHEET 357 FOR STREET SIGN PANEL DETAILS. FURNISH AND INSTALLATION OF SIGN PANELS UNDER THE TEMPOARY CONDITION AND RELOCATION OF SIGN PANELS TO THE PERMANAT MAST ARMS SHALL BE INCLUDED IN UNDER THE "SIGN PANEL - TYPE 1" PAY ITEM.

RESTORATION OF WORK AREA:

RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED IN THE COST OF THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

SIGN (A)

R10-5
24" x 30"
1-REQUIRED
INCIDENTAL TO TEMPORARY
TRAFFIC SIGNAL INSTALLATION

AECOM
345 EAST ASH AVENUE, SUITE B
DECATUR, IL 62526-6161
PHONE: (217) 875-4800 FAX: (217) 875-3577

USER NAME = patrick.jordan	DESIGNED - PTJ	REVISED -	
	DRAWN - PTJ	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - MJL	REVISED -	
PLOT DATE = 6/11/2020	DATE - 6/12/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FARIES PARKWAY & JUG HANDLE CONNECTOR ROAD
TEMPORARY TRAFFIC SIGNAL PLAN – STAGES 3 AND 4A

SCALE: 1"=20' | SHEET 5 OF 9 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00933-01-BR	MACON	572	352
		CONTRACT NO. 6WGY(165)		
	ILLINOIS	FED. AID PROJECT		

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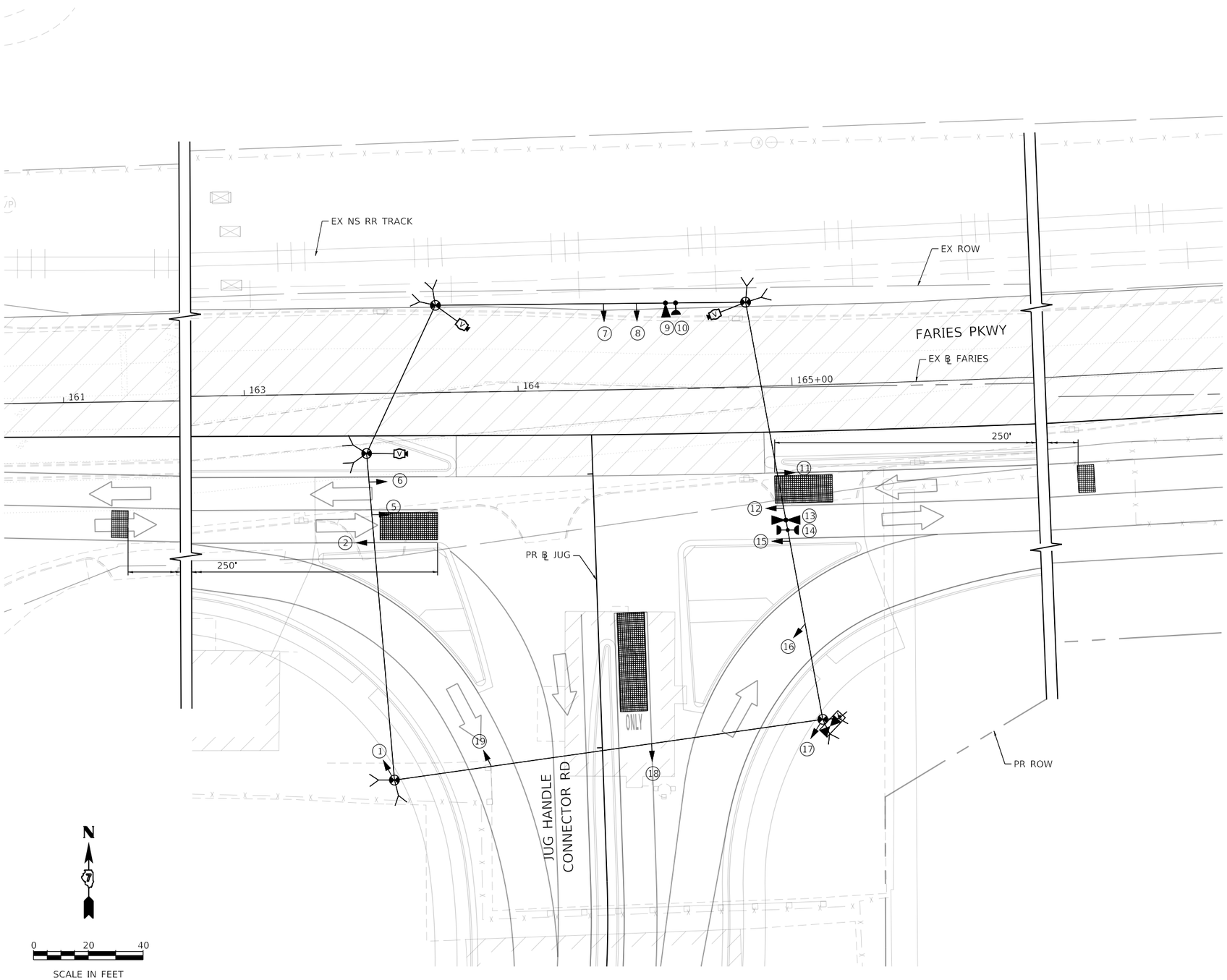
TEMPORARY TRAFFIC SIGNAL LEGEND

- SIGNAL HEAD WITHOUT BACKPLATE
- CONDUIT
- SERVICE POLE
- CONTROLLER
- UNINTERRUPTABLE POWER SUPPLY
- VIDEO DETECTION CAMERA
- PEDESTRIAN PUSH BUTTON
- PEDESTRIAN SIGNAL HEAD
- CONFIRMATION BEACON
- EMERGENCY VEHICLE LIGHT DETECTOR
- VIDEO DETECTION ZONE
- "R" REMOVE ITEM
- TEMPORARY WOOD POLE
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- GUY WIRE
- SIGN
- AERIAL CABLE



AECOM
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DECATUR, IL 62526-6161
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PLOT SCALE = 40.0000 ' / in.	CHECKED - MJL	REVISED -	
PLOT DATE = 6/11/2020	DATE - 6/12/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FARIES PARKWAY & JUG HANDLE CONNECTOR ROAD
TEMPORARY TRAFFIC SIGNAL PLAN – STAGE 4B

SCALE: 1"=XX' | SHEET 6 OF 9 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00933-01-BR	MACON	572	353
		CONTRACT NO. 6WGY(165)		
	ILLINOIS	FED. AID PROJECT		

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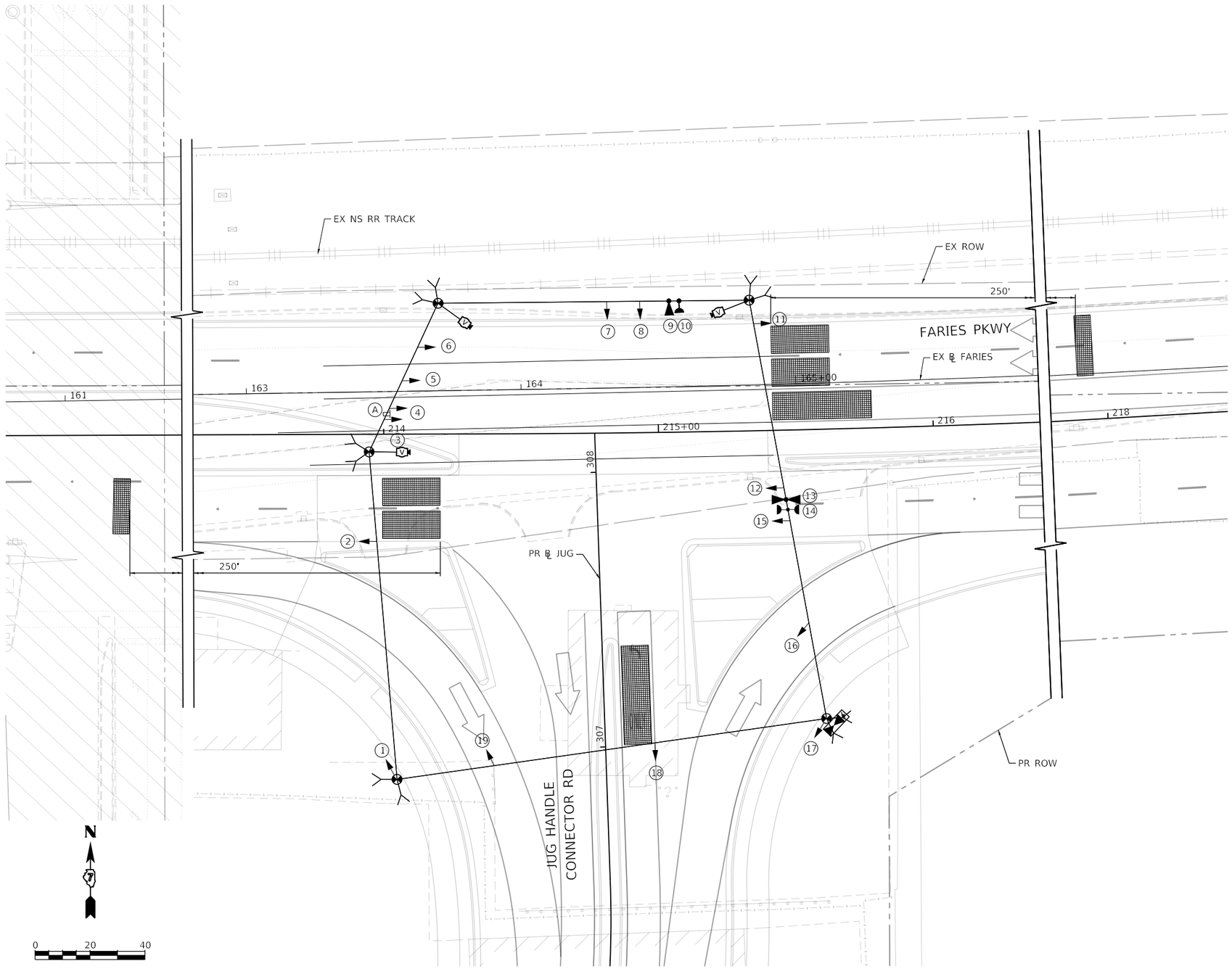
TEMPORARY TRAFFIC SIGNAL LEGEND

- SIGNAL HEAD WITHOUT BACKPLATE
- CONDUIT
- SERVICE POLE
- CONTROLLER
- UNINTERRUPTABLE POWER SUPPLY
- VIDEO DETECTION CAMERA
- PEDESTRIAN PUSH BUTTON
- PEDESTRIAN SIGNAL HEAD
- CONFIRMATION BEACON
- EMERGENCY VEHICLE LIGHT DETECTOR
- VIDEO DETECTION ZONE
- "R" REMOVE ITEM
- TEMPORARY WOOD POLE
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- GUY WIRE
- SIGN
- AERIAL CABLE



SIGN (A)

R10-5
24" x 30"
1-REQUIRED
INCIDENTAL TO TEMPORARY
TRAFFIC SIGNAL INSTALLATION

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AECOM
345 EAST ASH AVENUE, SUITE B
DECATUR, IL 62526-6361
PHONE: (217) 875-4800 FAX: (217) 875-3577

USER NAME = patrick.jordan	DESIGNED - PTJ	REVISED -	
	DRAWN - PTJ	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - MJL	REVISED -	
PLOT DATE = 6/11/2020	DATE - 6/12/2020	REVISED -	

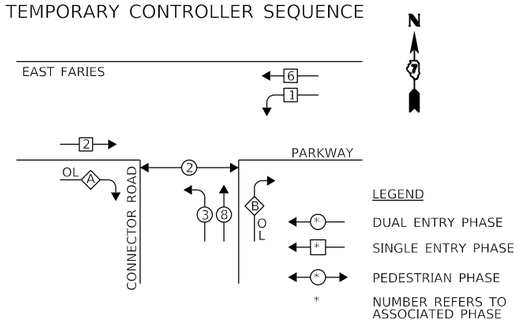
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FARIES PARKWAY & JUG HANDLE CONNECTOR ROAD
TEMPORARY TRAFFIC SIGNAL PLAN – STAGE 5

SCALE: 1"=20' | SHEET 7 OF 9 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00933-01-BR	MACON	572	354
		CONTRACT NO. 6WGY(165)		
	ILLINOIS	FED. AID PROJECT		

TEMPORARY CONTROLLER SEQUENCE



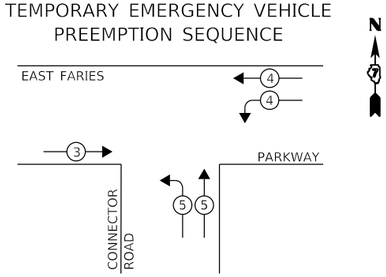
TEMPORARY PHASE DESIGNATION DIAGRAM

RIGHT TURN OVERLAP PHASE DESIGNATION

(SEE NOTE 3)

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
A	=	2	+	3
B	=	8	+	1

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



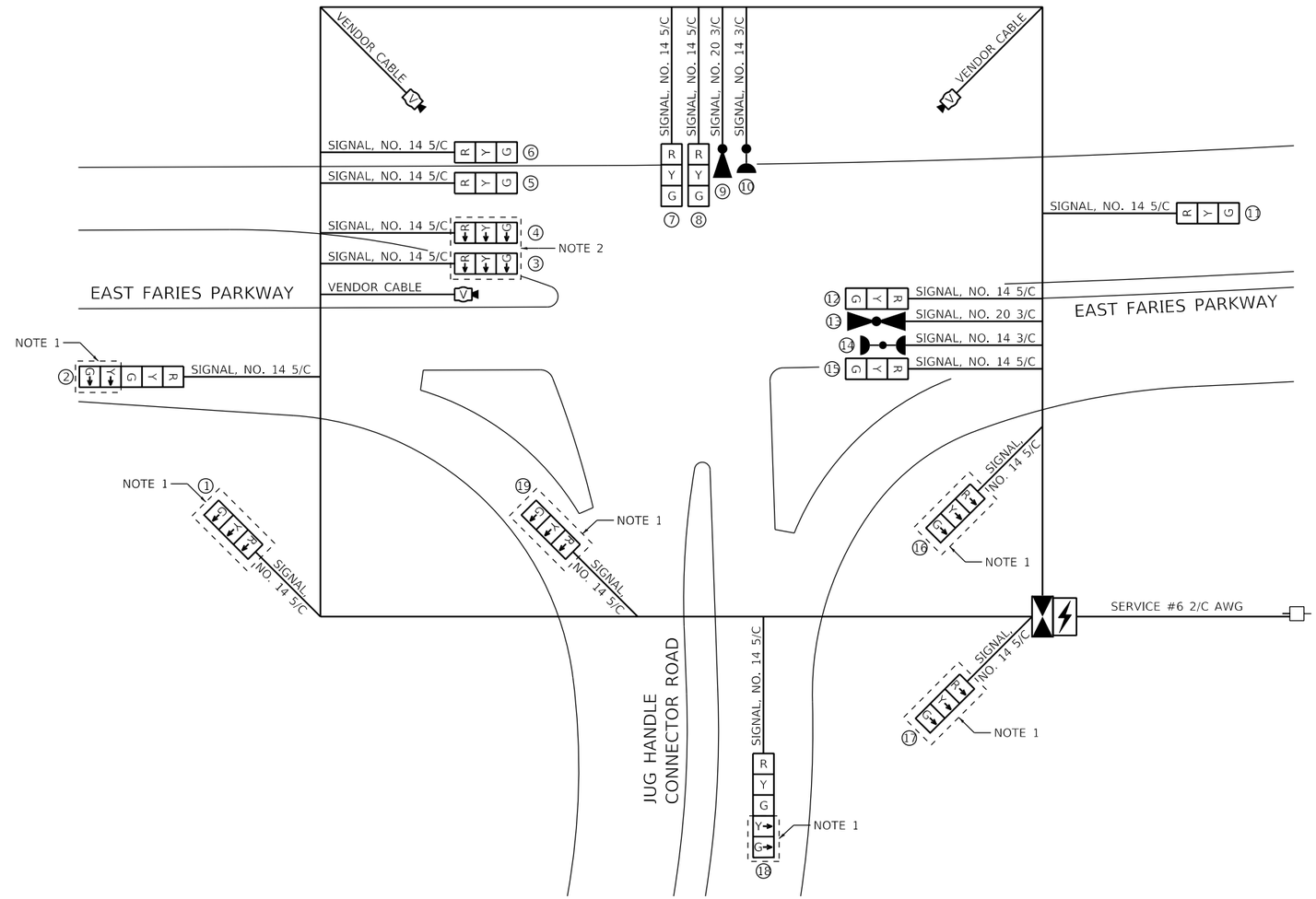
TEMPORARY EMERGENCY VEHICLE PREEMPTOR			
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT	→	←	↰

CITY OF DECATUR TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE X INCAND.	WATTAGE LED	X % OPERATION	
SIGNAL (RED)	15		17	0.50	127.50
(YELLOW)	15		25	0.25	93.75
(GREEN)	15		15	0.25	56.25
ARROW	4		12	0.10	4.80
PED. SIGNAL	0		25	1.00	0.00
CONTROLLER	1		300	1.00	300.00
VIDEO SYSTEM	1	150	-	1.00	150.00
UPS	1	-	25	1.00	25.00
ENERGY COSTS TO:				TOTAL =	757.3

CITY OF DECATUR

[INSERT AGENCY ADDRESS]

ENERGY SUPPLY: CONTACT: [INSERT CONTACT NAME]
PHONE: [INSERT CONTACT PHONE]
COMPANY: AMEREN



NOTES:

1. BAG AND DE-ENERGIZE DURING STAGES 3 AND 4A. ENERGIZE DURING STAGES 4B AND 5.
2. BAG AND DE-ENERGIZE DURING STAGE 4B. ENERGIZE DURING STAGES 3, 4A, AND 5.
3. OVERLAP A AND B SHALL ONLY BE IN OPERATION DURING STAGES 4B AND 5.

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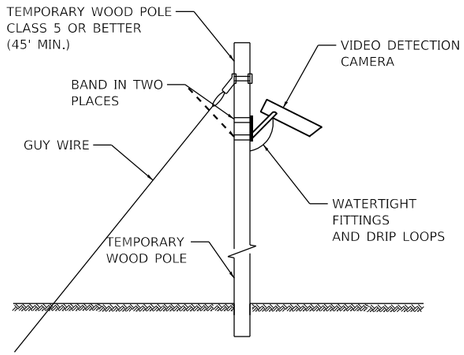
USER NAME = patrick.jordan	DESIGNED - PTJ	REVISED -	
	DRAWN - PTJ	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - MJL	REVISED -	
PLOT DATE = 6/11/2020	DATE - 6/12/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FARIES PARKWAY & JUG HANDLE CONNECTOR ROAD
TEMPORARY TRAFFIC SIGNAL CABLE PLAN – STAGES 3 TO 5

SCALE: N.T.S. | SHEET 8 OF 9 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00933-01-BR	MACON	572	355
		CONTRACT NO. 6WGY(165)		
	ILLINOIS	FED. AID PROJECT		



TEMPORARY VIDEO DETECTION MOUNTING DETAIL

(NOT TO SCALE)

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AECOM
345 EAST ASH AVENUE SUITE B
DECATUR, IL 62526-6161
PHONE: (217) 875-4800 FAX: (217) 875-3577

USER NAME = patrick.jordan	DESIGNED - PTJ	REVISED -
	DRAWN - PTJ	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 6/11/2020	DATE - 6/12/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL PLAN DETAILS

SCALE: N.T.S. | SHEET 9 OF 9 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00933-01-BR	MACON	572	356
		CONTRACT NO. 6WGY(165)		
	ILLINOIS	FED. AID PROJECT		

ELECTRICAL GENERAL NOTES

1. ALL SIGNAL HEADS SHALL HAVE 12" SECTIONS. MOUNTING HARDWARE SHALL BE UNPAINTED ALUMINUM. ALL BOLTS, SCREWS, NUTS AND WASHERS SHALL BE STAINLESS STEEL. ANTI-SEIZE PAST COMPOUND SHALL BE USED ON ALL MOUNTING HARDWARE CONNECTIONS.

2. BACK PLATES SHALL BE ABS PLASTIC WITH REFLECTORIZED BORDER.

3. THE LOCATION OF MAST ARM SUPPORTS SHALL BE APPROVED BY THE ENGINEER BEFORE FOUNDATIONS ARE CONSTRUCTED. MAST ARM POLES SHALL BE LOCATED A MINIMUM OF 10 FEET FROM THE EDGE OF PAVEMENT OR 2 FEET FROM THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER. IN CURBED SECTION, THE MAST ARM POLES SHALL BE LOCATED A MINIMUM OF 5 FEET FROM THE FACE OF THE CURB. THESE DISTANCES ARE TO THE NEAR FACE OF THE MAST ARM POLE.

4. ALL TRAFFIC SIGNAL CABLES SHALL BE #14 A.W.G. STRANDED COPPER UNLESS OTHERWISE SPECIFIED.

5. ALL HANDHOLE'S SHALL BE CAST-IN-PLACE PORTLAND CEMENT CONCRETE (PER ARTICLE 814.03). THE CAST-IN-PLACE LEGEND IN THE COVER SHALL BE "TRAFFIC SIGNALS".

6. SLOPE HANDHOLE COVERS TO MATCH PROPOSED GRADE ELEVATIONS.

7. MAST ARM FOUNDATION DEPTHS SHOWN ARE APPROXIMATE. THE ENGINEER WILL PROVIDE SOIL BORINGS TO DETERMINE ACTUAL MAST ARM FOUNDATION DEPTHS. THE CONTRACTOR SHALL VERIFY REQUIRED DEPTHS PRIOR TO STEEL FABRICATION AND CONSTRUCTION OF CONCRETE FOUNDATIONS.

8. CENTER TO CENTER DISTANCE BETWEEN THE CONDUITS, WHERE TWO OR MORE LOOP LEAD-IN CONDUITS ARE INSTALLED FROM THE EDGE OF THE PAVEMENT TO THE NEAREST HANDHOLE, SHALL BE SIX INCHES MINIMUM AT THE EDGE OF PAVEMENT.

9. THERE SHALL BE FOUR (4) GROUND RODS IN THE CONTROLLER CABINET. GROUND WIRES SHALL BE TYPE XLP, NO. 6 A.W.G., STRANDED COPPER, GREEN COLOR CODED AND IN ACCORDANCE WITH STANDARD 873001 AND SECTION 873 OF THE STANDARD SPECIFICATIONS.

10. CONDUIT SPLICES WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED PART OF THE NEW CONDUIT INSTALLATION.

11. THE LOCATION OF SIGNAL HEADS ON MAST ARMS SHALL BE APPROVED BY THE ENGINEER BEFORE MAST ARMS ARE INSTALLED.

12. ALL UTILITIES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY ATTEMPT TO CONSTRUCT ANY COMPONENT OF THE VARIOUS TRAFFIC SIGNAL INSTALLATIONS. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE LIMITS OF THIS IMPROVEMENT ARE THE FOLLOWING:

SANITARY SEWER:
_
_
DECATUR, ILLINOIS 625__
(__) __-___

STORM SEWER:
_
_
DECATUR, ILLINOIS 625__
(__) __-___

WATER:
_
_
DECATUR, ILLINOIS 625__
(__) __-___

ELECTRIC AND GAS:
AMEREN ILLINOIS
370 S. MAIN STREET
DECATUR, ILLINOIS 62523
(800) 755-5000

COMMUNICATIONS:
AT&T
(__) __-___

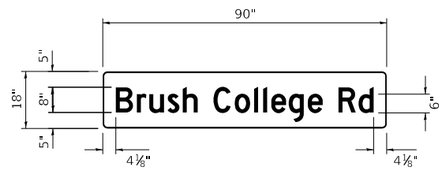
THE LOCATION OF EXISTING UTILITIES AS SHOWN ON THE PLANS HAVE BEEN LOCATED AT THE TIME OF SURVEY, OR BASED ON AVAILABLE EXISTING INFORMATION. NO GUARANTEE IS IMPLIED THAT ALL UTILITIES HAVE BEEN LOCATED OR DEPICTED ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXACT LOCATION OF ALL UTILITIES. IT MAY BE NECESSARY TO HAND DIG TEST HOLES TO EXPOSE EXISTING UTILITIES AT SOME LOCATIONS.

R3-5L
24" X 30"

Ⓒ

FURNISH & INSTALL EIGHT (8) EACH SIGN

DETAIL OF
SIGN PANEL - TYPE 1
(NOT TO SCALE)



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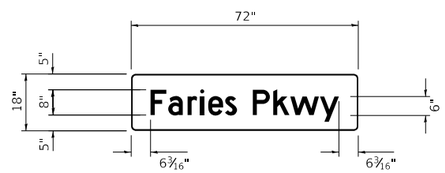
FURNISH & INSTALL ONE (1) EACH SIGN

DETAIL OF
SIGN PANEL - TYPE 2
(NOT TO SCALE)



Ⓔ

FURNISH & INSTALL ONE (1) EACH SIGN

DETAIL OF
SIGN PANEL - TYPE 1
(NOT TO SCALE)

R10-3e
9" X 15"

Ⓕ FURNISH & INSTALL EIGHT (8) EACH SIGN

Ⓖ FURNISH & INSTALL FOUR (4) EACH SIGN

DETAIL OF
SIGN PANEL - TYPE 1
(NOT TO SCALE)

TRAFFIC SIGNAL QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES
72000100	SIGN PANEL - TYPE 1	SQ FT	61
72000200	SIGN PANEL - TYPE 2	SQ FT	12
80500100	SERVICE INSTALLATION, TYPE A	EACH	2
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	1,156
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	24
81400100	HANDHOLE	EACH	8
81400200	HEAVY-DUTY HANDHOLE	EACH	2
81400300	DOUBLE HANDHOLE	EACH	2
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	2
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	2
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	3,792
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	7,861
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	2,300
87501000	TRAFFIC SIGNAL POST, 14 FT.	EACH	11
87600100	PEDESTRIAN PUSH-BUTTON POST, TYPE I	EACH	3
87702920	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT.	EACH	1
87702940	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	1
87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1
87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1
87704554	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 54 FT. AND 46 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	30
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	6
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	52
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	16
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	16
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	12
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	16
88800100	PEDESTRIAN PUSH-BUTTON	EACH	12
X1400399	VIDEO DETECTION SYSTEM COMPLETE	EACH	2
X8870300	EMERGENCY VEHICLE PRIORTY SYSTEM	EACH	2

SCHEDULE OF POST & MAST ARM ASSEMBLIES
BRUSH COLLEGE ROAD AND CONNECTOR ROAD

REF.	LOCATION	TYPE	LENGTH	FOUNDATION TYPE	FOUNDATION DEPTH	STATION	OFFSET	BOLT CIRCLE	NO. ANCHOR RODS	ANCHOR ROD SIZE
TSP 1	NORTHWEST QUADRANT	TS POST A 14		MOUNT ON WALL		56+00	57.28 LT			
MA 1	SOUTHWEST QUADRANT	S C MAA&P DMA	54.0 FT. 46.0 FT.	MOUNT ON WALL		55+07.31	51.96 LT	21 IN.	6	2" x 7'-6"
TSP 2	SOUTHEAST QUADRANT	TS POST A 14		CONC FDN TY A	3.0 FT.	54+67.36	91.50 RT			
TSP 3	SOUTHEAST QUADRANT	TS POST A 14		CONC FDN TY A	3.0 FT.	54+91.54	34.57 RT			
TSP 4	SOUTHEAST QUADRANT	TS POST A 14		CONC FDN TY A	3.0 FT.	54+96.65	67.83 RT			
MA 2	NORTHEAST QUANDRANT	STL COMB MAA&P	44.0 FT.	CONC FDN TY E	13.0 FT.	55+94.37	50.95 RT	21 IN.	6	1 3/4" x 7'
TSP 5	NORTHEAST QUANDRANT	TS POST A 14		CONC FDN TY A	3.0 FT.	56+38.04	57.50 RT			
TSP 6	NORTHEAST QUANDRANT	TS POST A 14		CONC FDN TY A	3.0 FT.	56+75.87	86.99 RT			

SCHEDULE OF HANDHOLE QUANTITIES
BRUSH COLLEGE ROAD AND CONNECTOR ROAD

REF.	LOCATION	DESCRIPTION	STATION	OFFSET
HD HH	NORTHWEST QUADRANT			LT
HD HH	SOUTHWEST QUADRANT			LT
HH-4	SOUTHEAST QUADRANT	HANDHOLE PCC	54+82.33	99.21 RT
HH-3	SOUTHEAST QUADRANT	HANDHOLE PCC	55+02.91	78.95 RT
HH-2	NORTHEAST QUADRANT	HANDHOLE PCC	56+10.65	60.89 RT
DHH-1	NORTHEAST QUADRANT	HANDHOLE PCC	56+69.30	100.68 RT

SCHEDULE OF SIGNAL HEAD QUANTITIES
BRUSH COLLEGE ROAD AND CONNECTOR ROAD

QTY.	UNIT	ITEM	SIGNAL #
8	EACH	SH, P, LED, 1F, 3-SEC, BM	5,8,11,12,13,14,15,16
8	EACH	SH, P, LED, 1F, 3-SEC, MAM	1,2,3,4,6,7,9,10
8	EACH	TRAFFIC SIGNAL BACKPLATE, FORMED PLASTIC	1,2,3,4,6,7,9,10
6	EACH	PED, SH, P, LED, 1F, BM CT	

SCHEDULE OF POST & MAST ARM ASSEMBLIES
FARIES PARKWAY AND CONNECTOR ROAD

REF.	LOCATION	TYPE	LENGTH	FOUNDATION TYPE	FOUNDATION DEPTH	STATION	OFFSET	BOLT CIRCLE	NO. ANCHOR RODS	ANCHOR ROD SIZE
MA 3	NORTHWEST QUADRANT	STL COMB MAA&P	52.0 FT.	CONC FDN TY E	15.0 FT.	214+38.03	47.50 LT	21 IN.	6	1 3/4" x 7'
TSP 7	SOUTHWEST QUADRANT	TS POST A 14		CONC FDN TY A	3.0 FT.	213+85.68	99.10 RT			
TSP 8	SOUTHWEST QUADRANT	TS POST A 14		CONC FDN TY A	3.0 FT.	214+18.09	47.61 RT			
TSP 9	SOUTHWEST QUADRANT	TS POST A 14		CONC FDN TY A	3.0 FT.	214+21.61	62.42 RT			
MA 4	SOUTHEAST QUADRANT	STL COMB MAA&P	38.0 FT.	CONC FDN TY E	11.0 FT.	215+16.92	59.42 RT	21 IN.	6	1 3/4" x 7'
TSP 10	SOUTHEAST QUADRANT	TS POST A 14		CONC FDN TY A	3.0 FT.	215+27.82	69.74 RT			
TSP 11	SOUTHEAST QUADRANT	TS POST A 14		CONC FDN TY A	3.0 FT.	215+67.11	94.11 RT			
MA 5	SOUTHEAST QUADRANT	STL COMB MAA&P	42.0 FT.	CONC FDN TY E	13.0 FT.	215+30.00	47.50 LT	21 IN.	6	1 3/4" x 7'

SCHEDULE OF HANDHOLE QUANTITIES
FARIES PARKWAY AND CONNECTOR ROAD

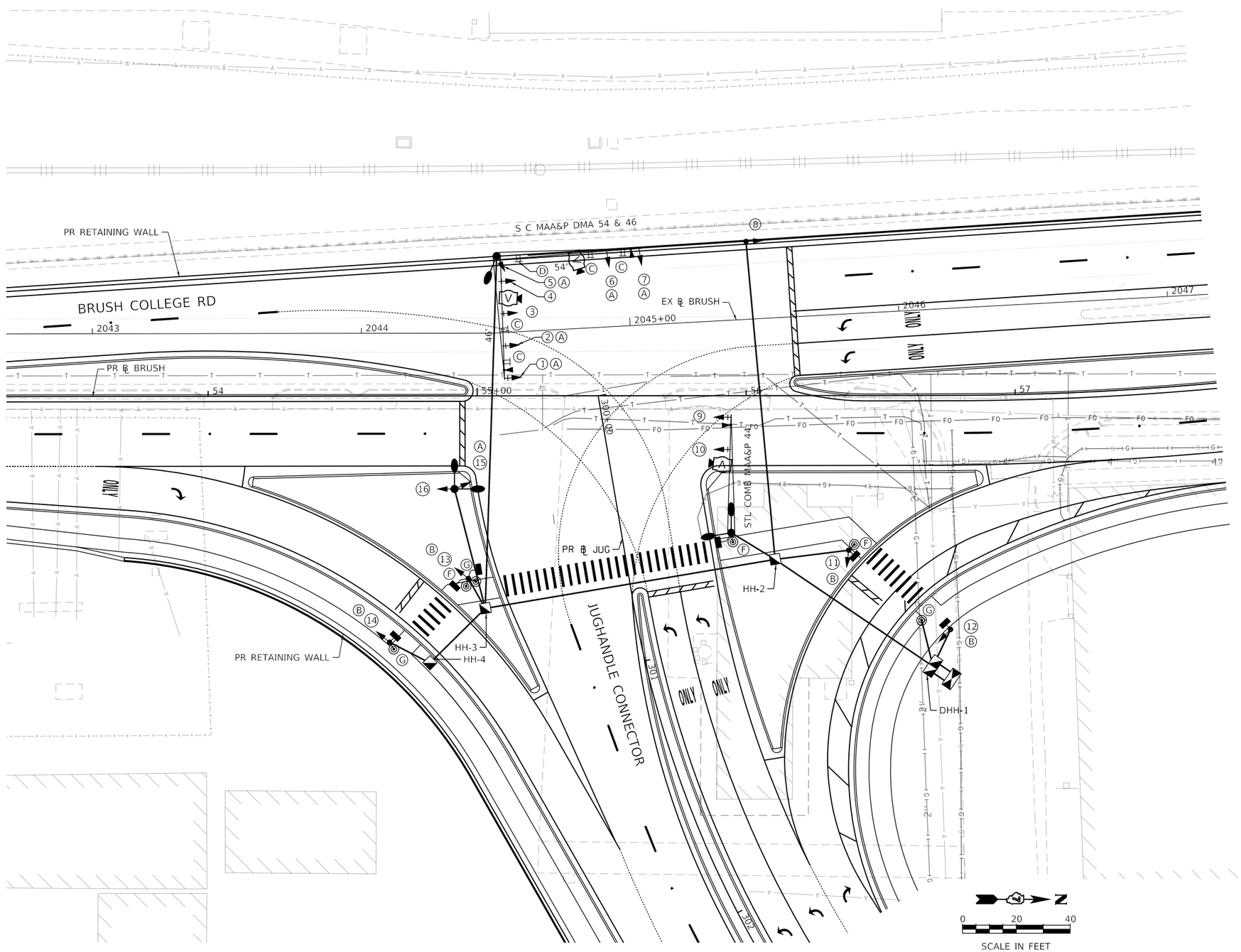
REF.	LOCATION	DESCRIPTION	STATION	OFFSET
DHH-5	SOUTHWEST QUADRANT	HANDHOLE PCC	213+70.42	92.12 RT
HH-6	SOUTHWEST QUADRANT	HANDHOLE PCC	214+09.34	51.07 RT
HH-7	SOUTHEAST QUADRANT	HANDHOLE PCC	215+25.23	48.04 RT
HH-8	SOUTHEAST QUADRANT	HANDHOLE PCC	215+53.49	90.97 RT
HH-9	NORTHWEST QUADRANT	HANDHOLE PCC	214+09.34	43.50 LT
HH-10	NORTHEAST QUADRANT	HANDHOLE PCC	215+20.00	43.50 LT

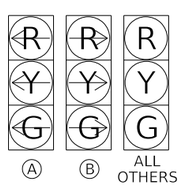
SCHEDULE OF SIGNAL HEAD QUANTITIES
FARIES PARKWAY AND CONNECTOR ROAD

QTY.	UNIT	ITEM	SIGNAL #
8	EACH	SH, P, LED, 1F, 3-SEC, BM	21,24,27,28,29,30,31,32
8	EACH	SH, P, LED, 1F, 3-SEC, MAM	17,18,19,20,22,23,25,26
8	EACH	TRAFFIC SIGNAL BACKPLATE, FORMED PLASTIC	17,18,19,20,22,23,25,26
6	EACH	PED, SH, P, LED, 1F, BM CT	

TRAFFIC SIGNAL LEGEND

- PROPOSED SIGNAL HEAD WITH BACKPLATE
- PROPOSED SIGNAL HEAD WITHOUT BACKPLATE
- PROPOSED HANDHOLE
- PROPOSED DOUBLE HANDHOLE
- PROPOSED CONDUIT
- PROPOSED COMBINATION MAST ARM ASSEMBLY & POLE (LENGTH SPECIFIED)
- PROPOSED TRAFFIC SIGNAL POST
- PROPOSED SERVICE POLE
- PROPOSED CONTROLLER WITH CONCRETE FOUNDATION, TYPE D
- PROPOSED TRAFFIC SIGNAL VIDEO DETECTOR SYSTEM
- PROPOSED TRAFFIC SIGNAL PEDESTRIAN SIGNAL HEAD
- PROPOSED TRAFFIC SIGNAL PEDESTRIAN PUSH BUTTON
- PROPOSED SIGN
- PROPOSED EMERGENCY VEHICLE PRIORITY SYSTEM





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Kaskaskia Engineering Group, LLC
PROFESSIONAL REGISTRATIONS — LICENSE NO.
Illinois Professional Design Firm — 184.004773
Professional Engineering Group — 20-5080586

USER NAME = rjo	DESIGNED - LDC	REVISED -	
	DRAWN - RJO	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - LDC	REVISED -	
PLOT DATE = 6/12/2020	DATE - 6/12/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

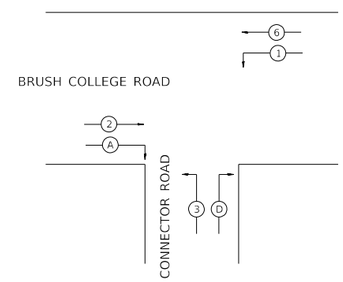
BRUSH COLLEGE ROAD
TRAFFIC SIGNAL INSTALLATION PLAN

SCALE: 1"=20' | SHEET 3 OF 6 SHEETS | STA. 52+00.00 TO STA. 57+75.00

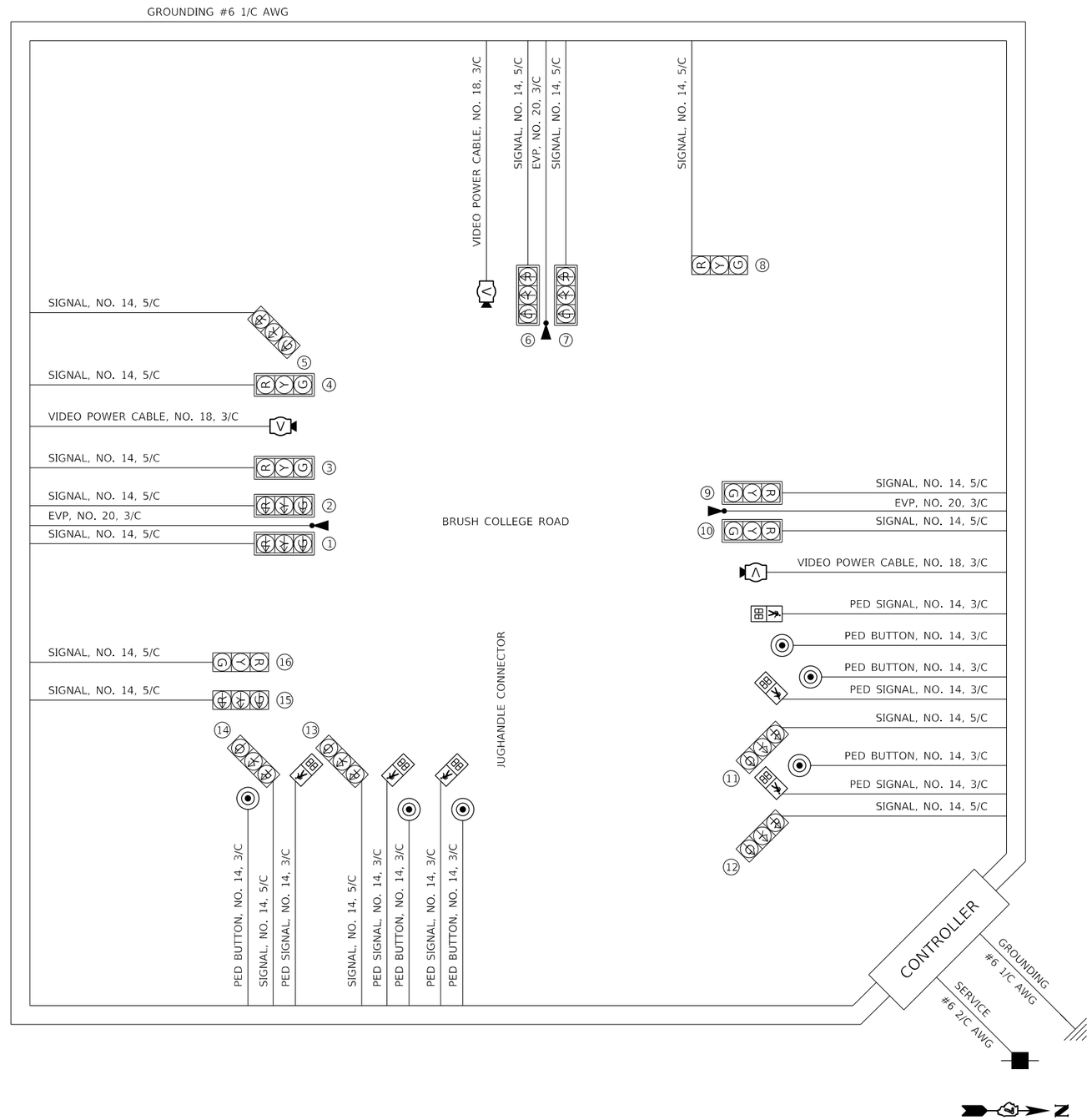
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00933-01-BR	MACON	572	359
	CONTRACT NO. XXXX(XXX)			
	ILLINOIS	FED. AID PROJECT		

CABLE DIAGRAM LEGEND

———	ELECTRIC CABLE IN CONDUIT
5/C	NUMBER OF CONDUCTORS IN CABLE
	PROPOSED SERVICE INSTALLATION
NO. 14	AMERICAN WIRE GAUGE (AWG) SIZE 14 CONDUCTORS (SEE GENERAL NOTES)
C.D.	CALL DELAY (SEE GENERAL NOTES)
C.C.O.	CALL CARRY OVER (SEE GENERAL NOTES)
—●S—	CABLE SPLICE (SEE GENERAL NOTES)
V	TRAFFIC SIGNAL VIDEO DETECTOR SYSTEM
	PEDESTRIAN PUSH BUTTON
	PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN DISPLAY
	EMERGENCY VEHICLE PRIORITY SYSTEM



PHASE DESIGNATION DIAGRAM



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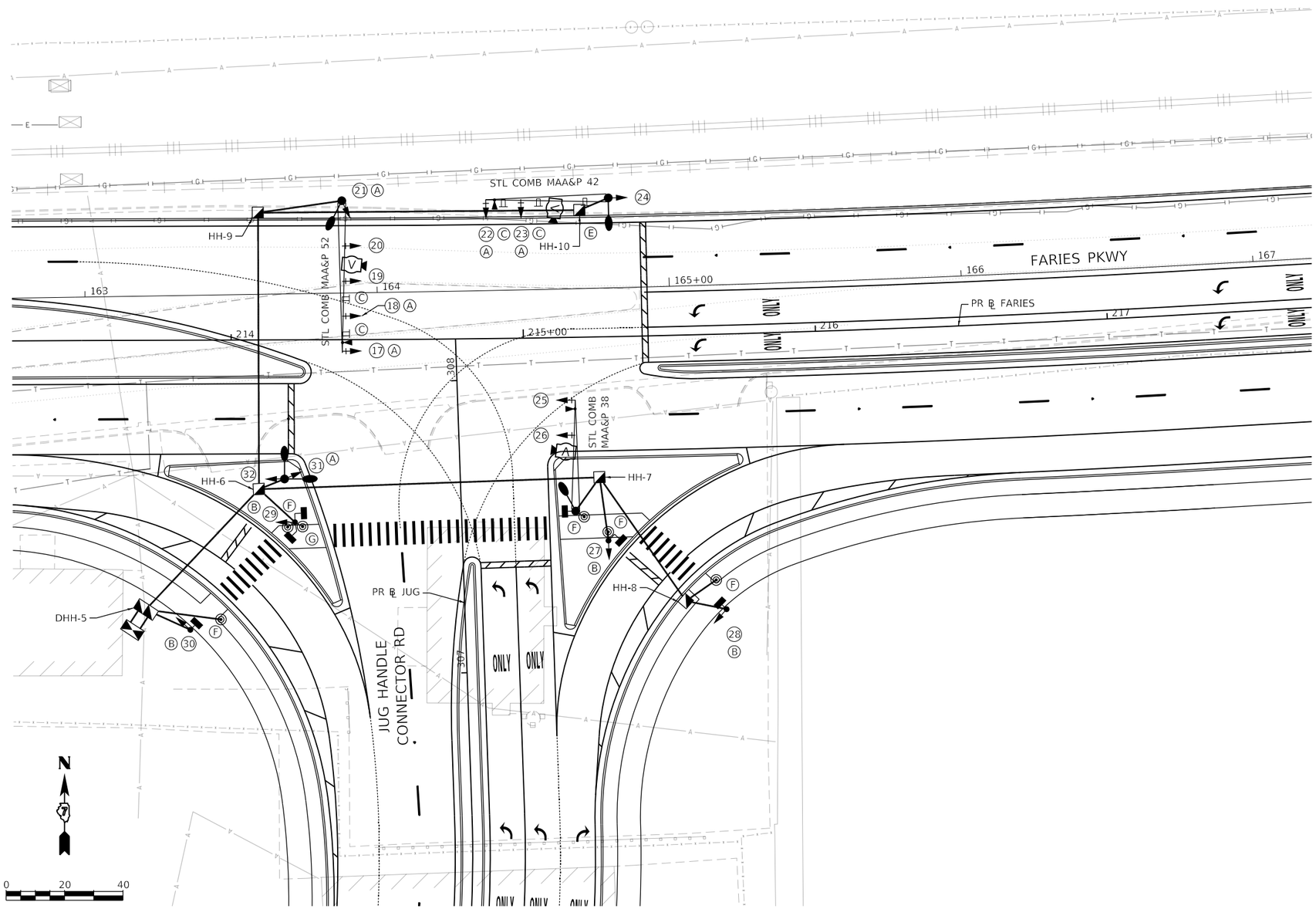
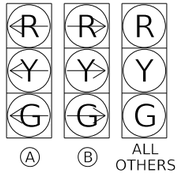
Kaskaskia Engineering Group, LLC PROFESSIONAL REGISTRATIONS LICENSE NO. Illinois Professional Design Firm 184.004773 Professional Engineering Group 20-5080586	USER NAME = rjo	DESIGNED - LDC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BRUSH COLLEGE ROAD TRAFFIC SIGNAL PLAN CABLE DIAGRAM
		DRAWN - RJO	REVISED -		
	PLOT SCALE = 40.0000 ' / in.	CHECKED - LDC	REVISED -		
	PLOT DATE = 6/12/2020	DATE - 6/12/2020	REVISED -		SCALE: SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00933-01-BR	MACON	572	360
		CONTRACT NO. XXXX(XXX)		
	ILLINOIS	FED. AID PROJECT		

TRAFFIC SIGNAL LEGEND

- PROPOSED SIGNAL HEAD WITH BACKPLATE
- PROPOSED SIGNAL HEAD WITHOUT BACKPLATE
- PROPOSED HANDHOLE
- PROPOSED DOUBLE HANDHOLE
- PROPOSED CONDUIT
- PROPOSED COMBINATION MAST ARM ASSEMBLY & POLE (LENGTH SPECIFIED)
- PROPOSED TRAFFIC SIGNAL POST
- PROPOSED SERVICE POLE
- PROPOSED CONTROLLER WITH CONCRETE FOUNDATION, TYPE D
- PROPOSED TRAFFIC SIGNAL VIDEO DETECTOR SYSTEM
- PROPOSED TRAFFIC SIGNAL PEDESTRIAN SIGNAL HEAD
- PROPOSED TRAFFIC SIGNAL PEDESTRIAN PUSH BUTTON
- PROPOSED SIGN
- PROPOSED EMERGENCY VEHICLE PRIORITY SYSTEM





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Kaskaskia Engineering Group, LLC
PROFESSIONAL REGISTRATIONS — LICENSE NO.
Illinois Professional Design Firm — 184.004773
Professional Engineering Group — 20-5080586

USER NAME = rjo	DESIGNED - LDC	REVISED -	
	DRAWN - RJO	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - LDC	REVISED -	
PLOT DATE = 6/12/2020	DATE - 6/12/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

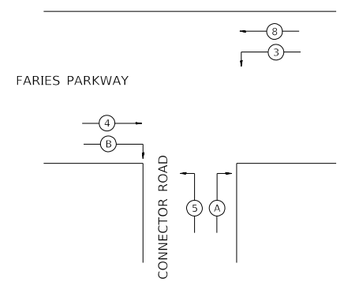
FARIES PARKWAY
TRAFFIC SIGNAL INSTALLATION PLAN

SCALE: 1"=20' | SHEET 5 OF 6 SHEETS | STA. 213+25.00 TO STA. 219+00.00

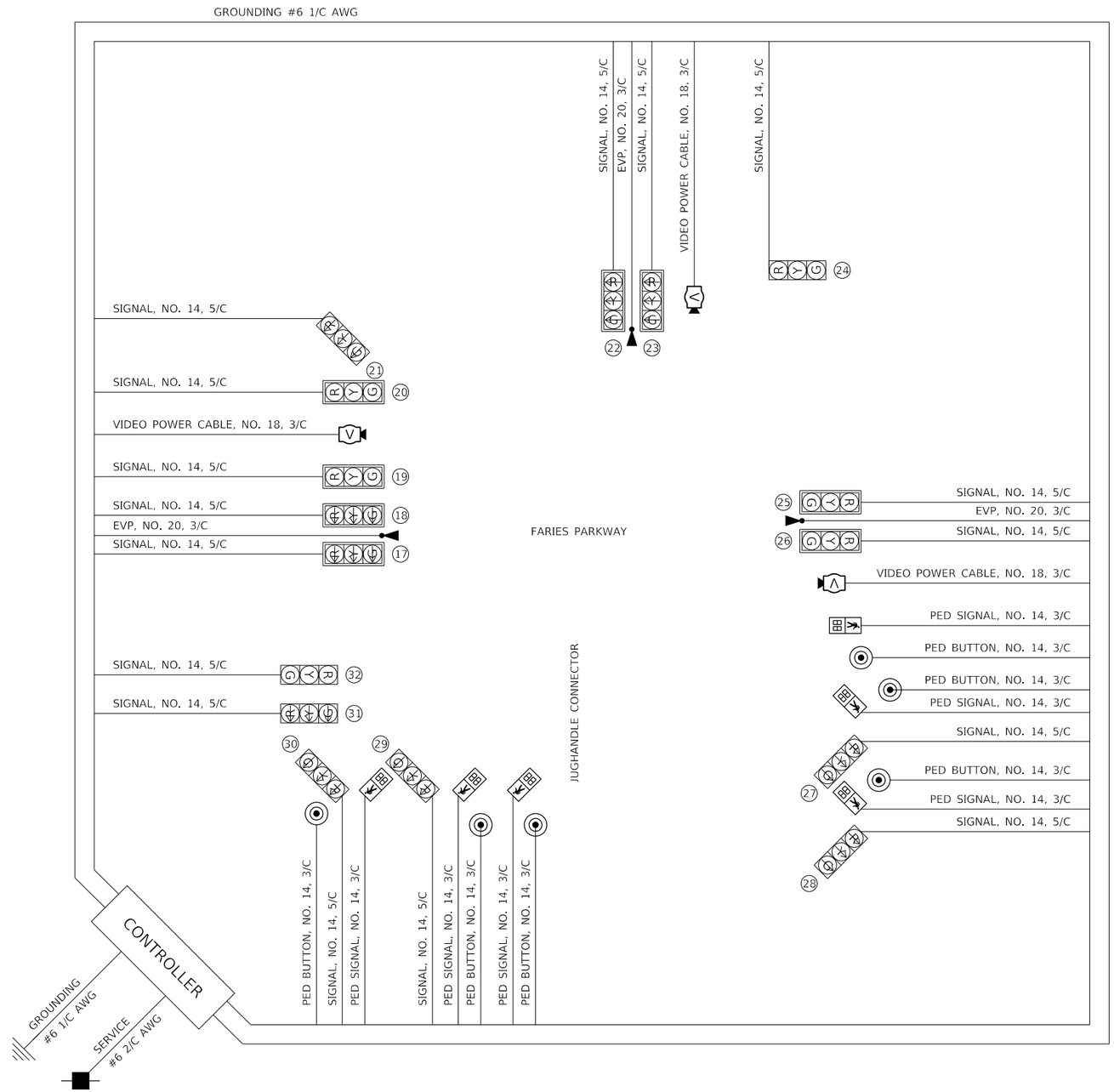
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00933-01-BR	MACON	572	361
		CONTRACT NO. XXXX(XXX)		
		ILLINOIS	FED. AID PROJECT	

CABLE DIAGRAM LEGEND

———	ELECTRIC CABLE IN CONDUIT
5/C	NUMBER OF CONDUCTORS IN CABLE
—■—	PROPOSED SERVICE INSTALLATION
NO. 14	AMERICAN WIRE GAUGE (AWG) SIZE 14 CONDUCTORS (SEE GENERAL NOTES)
C.D.	CALL DELAY (SEE GENERAL NOTES)
C.C.O.	CALL CARRY OVER (SEE GENERAL NOTES)
—●S—	CABLE SPLICE (SEE GENERAL NOTES)
V	TRAFFIC SIGNAL VIDEO DETECTOR SYSTEM
	PEDESTRIAN PUSH BUTTON
	PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN DISPLAY
	EMERGENCY VEHICLE PRIORITY SYSTEM



PHASE DESIGNATION DIAGRAM



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Kaskaskia Engineering Group, LLC PROFESSIONAL REGISTRATIONS LICENSE NO. Illinois Professional Design Firm 184.004773 Professional Engineering Group 20-5086586	USER NAME = rjo	DESIGNED - LDC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FARIES PARKWAY TRAFFIC SIGNAL PLAN CABLE DIAGRAM
		DRAWN - RJO	REVISED -		
	PLOT SCALE = 40.0000 ' / in.	CHECKED - LDC	REVISED -		
	PLOT DATE = 6/12/2020	DATE - 6/12/2020	REVISED -		SCALE: SHEET 6 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00933-01-BR	MACON	572	362
		CONTRACT NO. XXXX(XXX)		
	ILLINOIS	FED. AID PROJECT		