

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

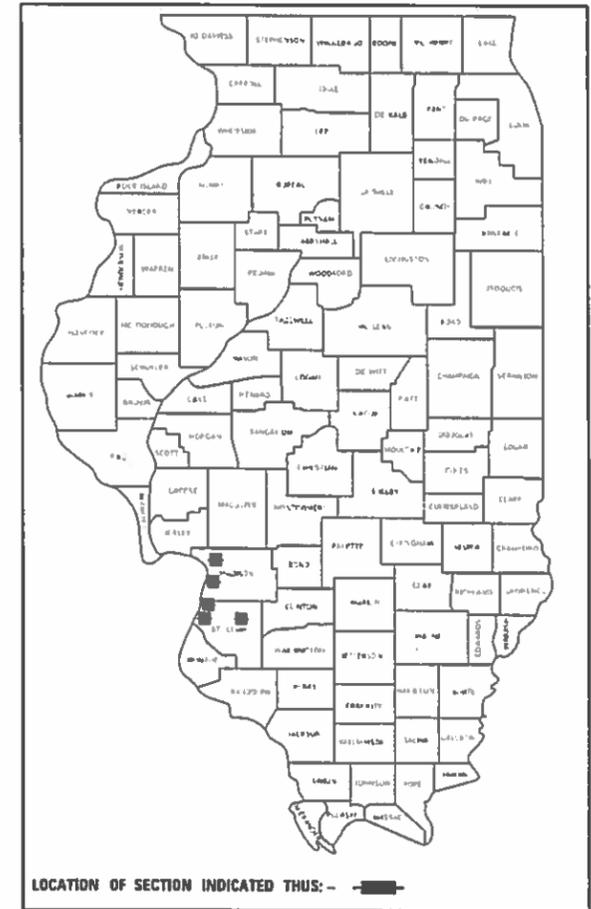
**PROPOSED
HIGHWAY PLANS**

VARIOUS ROUTES
SECTION : RR INTERCONNECT 2020
PROJECT : STP-8JDJ(731)
TRAFFIC SIGNAL UPGRADE
MADISON / ST. CLAIR COUNTY

FOR INDEX OF SHEETS, SEE SHEET NO. 2

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
44	RR INTERCONNECT 2020	ILLINOIS	23	1
		CONTRACT NO. 76N52		
VARIOUS		VARIOUS	MADISON / ST CLAIR	

D-98-085-20



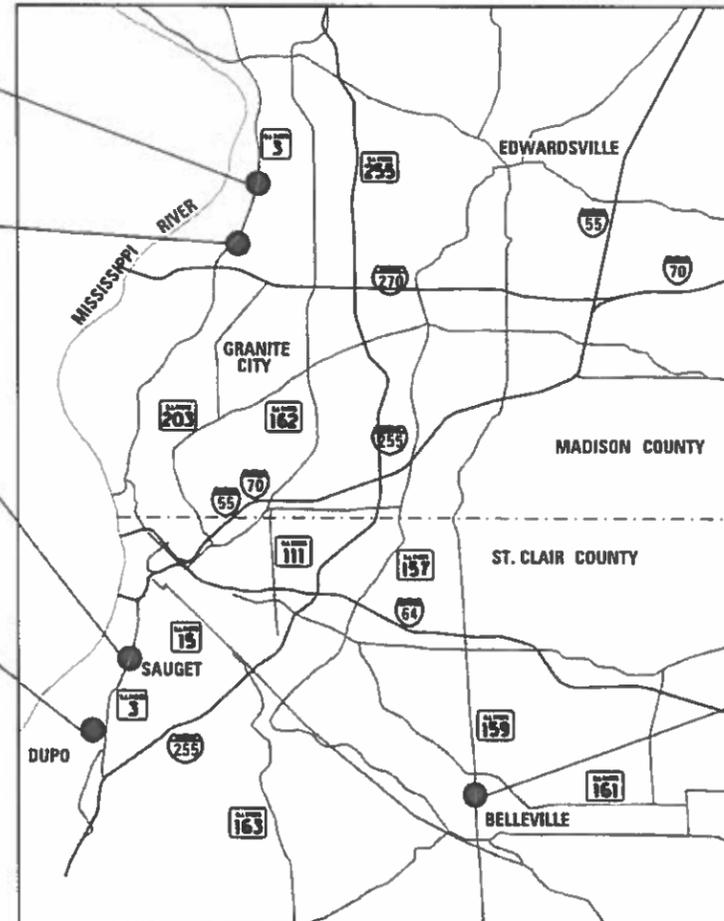
C-98-101-20

LOCATION 1
NORFOLK SOUTHERN
FRA CROSSING #328030C
IL ROUTE 3 & NEW POAG RD
HARTFORD, IL

LOCATION 2
NORFOLK SOUTHERN
FRA CROSSING #328042W
MISSOURI AVE & PONTOON RD
GRANITE CITY, IL

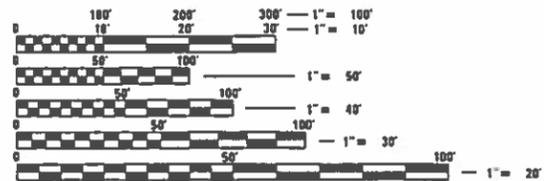
LOCATION 4
TERMINAL RAILROAD ASSOCIATION
FRA CROSSING #803121S
IL ROUTE 3 & MONSANTO
SAUGET, IL

LOCATION 5
UNION PACIFIC
FRA CROSSING #424763J
MAIN & DYROFFCARONDELET
DUPO, IL



NOT TO SCALE

LOCATION 3
NORFOLK SOUTHERN
FRA CROSSING #724592N
IL ROUTE 159 & DOUGLAS AVE
BELLEVILLE, IL



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

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



PROJECT ENGINEER : GELIN, HERVE
SQUAD LEADER : PRESTON, MICHAEL

Brian D. Schmitt 3/16/2020
Date



PLANS PREPARED BY
1022 Eastport Plaza Drive
Collinsville, Illinois 62234
Phone: (618) 855-8000
Illinois Professional Design Firm
No. 184-003252
License Expires 4/30/2021



License Expires 11/30/2021
MY SEAL APPLIES TO SHEETS: 16-23

CONTRACT NO. 76N52

License Expires 11/30/2021
MY SEAL APPLIES TO SHEETS: 1-15

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED *March 20 2020*
K. Roberts REGIONAL ENGINEER

MAY 8 2020
ENGINEER OF DESIGN AND ENVIRONMENT

MAY 8 2020
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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GENERAL NOTES

- 1 NO WORK SHALL COMMENCE UNTIL THE PROPOSED TRAFFIC CONTROL IS IN PLACE AND HAS BEEN APPROVED BY THE ENGINEER.
- 2 THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
- 3 ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DIPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY. ACCORDING TO THE ARTICLE 202.30 OF THE STANDARD SPECIFICATION AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPERATELY, BUT SHALL BE INCLUDED IN THE COSTS OF THE UNDERGROUND CONDUIT.
- 4 THE SCALE SHOWN ON THE DRAWINGS APPLIES ONLY TO FULL SIZE PLANS AND NOT TO THE REDUCED SIZE PLANS. REDUCED SIZE PLANS CAN BE PRINTED TO SCALE FOR USE IN THE FIELD.
- 5 NS RAILROAD AND UP RAILROAD FLAGGERS SHALL BE PRESENT WHEN WORKING WITHIN 25' OF THE RAILROAD TRACKS. THE CONTRACTOR SHALL COORDINATE WITH NS OR THE UP RAILROAD TO ASSURE FLAGGERS ARE PRESENT DURING CONSTRUCTION. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 6 EXISTING UTILITIES ARE SHOWN ON THE PLANS ACCORDING TO INFORMATION OBTAINED FROM THE LOCAL AGENCIES, OWNERS, AND FIELD SURVEYS. THE ACCURACY AND COMPLETENESS OF SAID INFORMATION IS NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE EXISTENCE, NATURE AND EXACT LOCATIONS OF ALL UTILITY LINES AND APPURTENANCES WITH THE LIMITS OF IMPROVEMENTS.
- 7 THE CONTRACTOR SHALL COORDINATE WITH NS FOR RIGHT OF ENTRY PERTAINING TO WORK WITHIN RAILROAD R.O.W.
- 7 THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING AND/OR INTELLIGENT TRANSPORTATION SYSTEMS (I.T.S.) UTILITIES WITHIN THE PROJECT LIMITS. IF HIGHWAY LIGHTING AND OR I.T.S. EXISTS WITHIN THE PROJECT LIMITS, AND IF THESE ITEMS REQUIRE LOCATING, THE CONTRACTOR SHALL BE DIRECTED TO DO SO ACCORDING TO SECTION 803 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- 8 THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUBCONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSE WORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. CONTACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.
- 9 MEMBERS OF J.U.L.I.E CALL TOLL FREE (800) 892-1023 OR 811. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.
- 10 ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES WITHIN THE PROJECT AREA BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY.
 THE FOLLOWING UTILITIES ARE KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA AS FOLLOWS:

<u>ADB COMPANIES</u> COMMUNICATIONS 21 PROGRESS PARKWAY UNION, MO 63084	<u>AMEREN ILLINOIS</u> GAS & ELECTRIC 1050 WEST BOULEVARD BELLEVILLE, IL 62221-4169	<u>AMEREN ILLINOIS</u> GAS & ELECTRIC 2600 N CENTER STREET PO BOX 378 MARYVILLE, IL 62062-0378	<u>AT&T</u> COMMUNICATIONS 160 W DIVISION ST MARYVILLE, IL 62062	<u>BUCKEYE PARTNERS L.P</u> PIPELINE 220 E HAWTHORNE ST HARTFORD, IL 62048
<u>CAHOKIA PUBLIC WATER DISTRICT</u> STORM AND SANTARY SEWER 2525 MOUSETTE LN CAHOKIA, IL 62206	<u>CHARTER COMMUNICATIONS</u> CABLE TV 101 NORTHWEST PLAZA ST ANN, MO 63074	<u>CITY OF BELLEVILLE</u> SANITARY SEWER 450 ENVIROMENTAL DR BELLEVILLE, IL 62220	<u>CITY OF COLUMBIA</u> STORM AND SANTARY SEWER 208 S.RAPP AVE. P.O. BOX 467 COLUMBIA, IL 62236-0467	<u>CITY OF EDWARDSVILLE</u> WATER & SANITARY SEWER PUBLIC WORKS 200 E PARK ST EDWARDSVILLE, IL 62025-0407
<u>CITY OF GRANITE CITY</u> SNAITARY SEWER PUBLIC WORKS DEPARTMENT 2301 ADAMS ST GRANITE CITY, IL 62040-3394	<u>CLEARWAVE COMMUNICATIONS</u> TWO N VINE ST P.O. BOX 808 HARRISBURG, IL 62946	<u>ENABLE MIDSTREAM PARTNERS</u> COMMUNICATIONS 5300 NORTSHORE COVE NORTH LITTLE ROCK, AR 72118	<u>EXTENET SYSTEMS</u> COMMUNICATIONS 3030 WARRENVILLE RD SUITE 340 LISLE, IL 60532	<u>HARRISONVILLE TELEPHONE CO</u> COMMUNICATIONS 214 S. MAIN ST P.O. BOX 149 WATERLOO, IL 62298-0149
<u>ILLINOIS AMERICAN WATER</u> WATER 100 N WATER WORKS DR BELLEVILLE, IL 62223-9040	<u>INDUSTRIAL GAS PRODUCTS</u> PIPELINE 2301 FALLING SPRINGS RD SAUGET, IL 62201	<u>LEVEL 3 COMMUNICATIONS</u> COMMUNICATIONS 1015 LOCUST ST SUITE 800 ST LOUIS, MO 63101	<u>LINDE NORTH AMERICA</u> GAS 1200 S DELMAR AVE P.O. BOX 37 HARTFORD, IL 62048	<u>MCI NETWORK SERVICES</u> COMMUNICATIONS 730 W HENRY ST INDIANAPOLIS, IN 46225
<u>SPIRE NGL</u> PIPELINE 4119 SHREWSBURY AVE SHREWSBURY, MO 63119	<u>ST LOUIS PIPELINE OPERATING</u> PIPELINE 1381 ROBBINS RD P.O. BOX 154 HARTFORD, IL 62048	<u>SUGAR LOAF TOWNSHIP SEWER</u> SANITARY SEWER 2174 JESSE EAST CARONDELET, IL 62241	<u>VILLAGE OF DUPO</u> WATER & SANITARY SEWER 107 N SECOND ST DUPO, IL 62239	<u>VILLAGE OF HARTFORD</u> STORM AND SANITARY SEWER 140 W HAWTHORNE HARTFORD, IL 620048
<u>VILLAGE OF SAUGET</u> ELECTRIC & SANITARY SEWER 2897 FALLING SPRINGS RD SAUGET, IL 62206	<u>WINDSTREAM KDL</u> COMMUNICATIONS 102 E. SHAFER FORSYTH, IL 62535			

HIGHWAY STANDARDS

- 000001-07 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
- 701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15 FT (4.5 m) TO 24 IN (600 mm) FROM PAVEMENT EDGE
- 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15 FT (4.5 m) AWAY
- 701426-09 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS ≥ 45 MPH
- 701427-05 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS ≤ 40 MPH
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701901-08 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-04 SIGN PANEL ERECTION DETAILS
- 728001-01 TELESCOPING STEEL SIGN SUPPORT
- 857001-01 STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
- 857006-01 SUPERVISED RAILROAD INTERCONNECT CIRCUIT
- 862001-01 UNINTERRUPTABLE POWER SUPPLY (UPS)
- 880006-01 TRAFFIC SIGNAL MOUNTING DETAILS

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PLOT DATE = 3/16/2020	DATE -	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INDEX OF SHEETS GENERAL NOTES HIGHWAY STANDARDS			
SCALE: NTS	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A. RTE. **	SECTION RR INTERCONNECT 2020	COUNTY ***	TOTAL SHEETS 23	SHEET NO. 2
CONTRACT NO. 76N52				
ILLINOIS FED. AID PROJECT				

+ VARIOUS ** VARIOUS *** MADISON / ST CLAIR

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL	CONSTRUCTION CODE				
				MADISON COUNTY 0021 80% FED 20% STATE	MADISON COUNTY 0021 80% FED 20% STATE	ST. CLAIR COUNTY 0021 80% FED 20% STATE	ST. CLAIR COUNTY 0021 80% FED 20% STATE	ST. CLAIR COUNTY 0021 80% FED 20% STATE
				TRAFFIC SIGNALS LOCATION #1	TRAFFIC SIGNALS LOCATION #2	TRAFFIC SIGNALS LOCATION #3	TRAFFIC SIGNALS LOCATION #4	TRAFFIC SIGNALS LOCATION #5
				FRA CROSSING #328030C	FRA CROSSING #328042W	FRA CROSSING #724592N	FRA CROSSING #803121S	FRA CROSSING #424793J
67100100	MOBILIZATION	L SUM	1	0.2	0.2	0.2	0.2	0.2
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0	0	0	0	1
* 72000100	SIGN PANEL - TYPE 1	SQ FT	60	0	15	0	30	15
* 72000200	SIGN PANEL - TYPE 2	SQ FT	12	0	12	0	0	0
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	74	0	16	0	58	0
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	5	1	1	1	1	1
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1030	0	680	0	350	0
87301750	ELECTRIC CABLE IN CONDUIT, RAILROAD, NO. 14 3C	FOOT	620	50	330	60	90	90
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	5	0	3	0	2	0
89100400	ILLUMINATED SIGN, LED	EACH	14	2	4	2	4	2
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	620	50	330	60	90	90
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	14	2	4	2	4	2
X1400144	UNINTERRUPTABLE POWER SUPPLY AND CABINET, SPECIAL	EACH	5	1	1	1	1	1
X1400214	SPARE RAILROAD, FULL ACTUATED CONTROLLER , SPECIAL	EACH	5	1	1	1	1	1
X1400399	VIDEO DETECTION SYSTEM COMPLETE	EACH	1	0	0	0	0	1
X8571215	RAILROAD, FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	5	1	1	1	1	1
X8950105	REMOVE EXISTING TRAFFIC CONTROLLER AND CABINET	EACH	5	1	1	1	1	1

* SPECIALTY ITEM

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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NTS SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. * RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	RR INTERCONNECT 2020	***	23	3
CONTRACT NO. 76N52				
ILLINOIS FED. AID PROJECT				

* VARIOUS ** VARIOUS *** MADISON / ST CLAIR

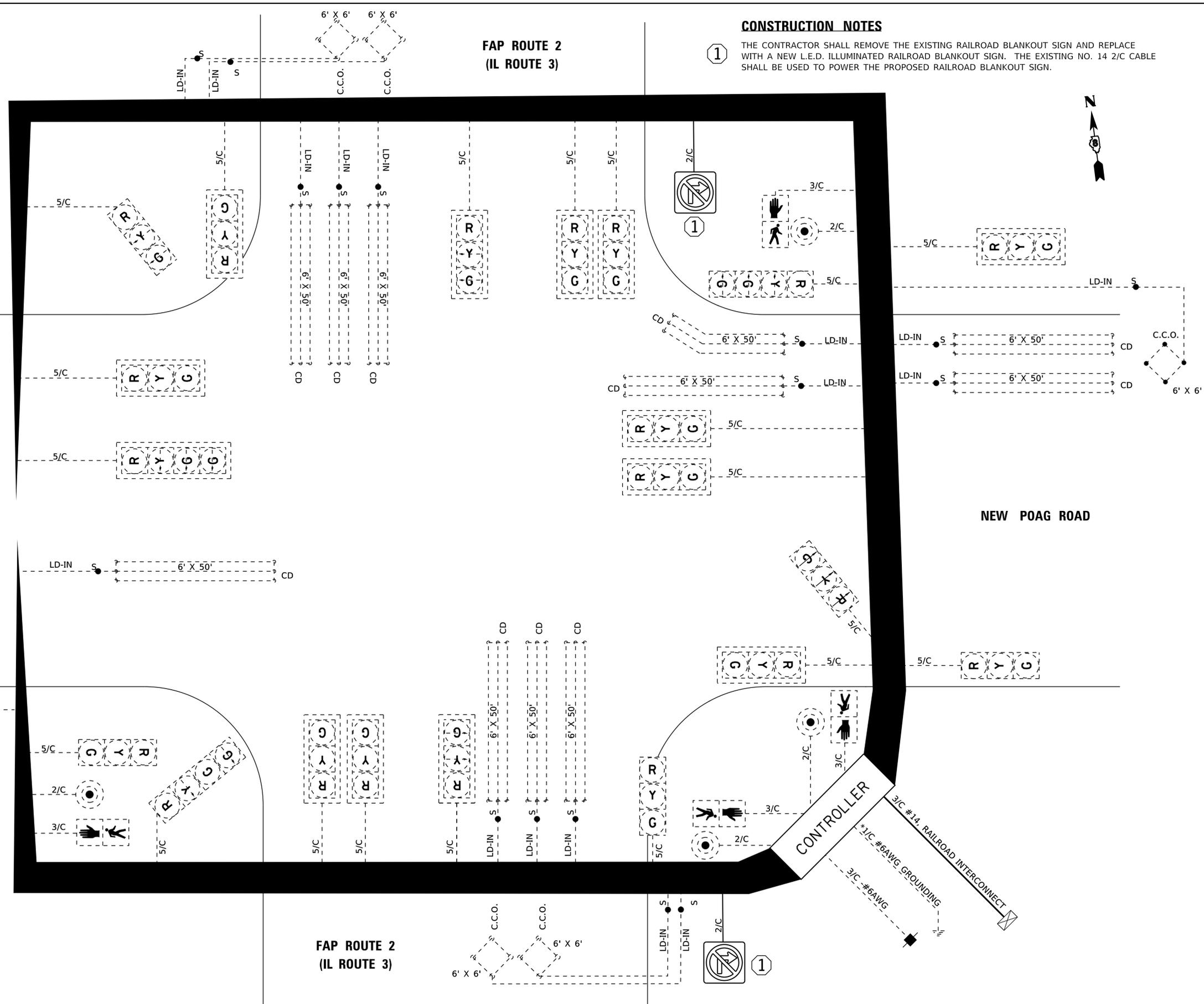
REV. - MS

CABLE DIAGRAM LEGEND

- ELECTRIC CABLE IN CONDUIT
- - - EXISTING ELECTRIC CABLE IN CONDUIT
- S CABLE SPLICE (SEE GENERAL NOTES)
- 2/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- CD CALL DELAY (SEE GENERAL NOTES)
- CCO CALL CARRY OVER (SEE GENERAL NOTES)
- EXISTING SERVICE INSTALLATION
- EXISTING ILLUMINATED SIGN
- #6 INDICATES AMERICAN WIRE GAUGE (AWG) SIZE 6 CONDUCTORS (SEE GENERAL NOTES)

CONSTRUCTION NOTES

- 1 THE CONTRACTOR SHALL REMOVE THE EXISTING RAILROAD BLANKOUT SIGN AND REPLACE WITH A NEW L.E.D. ILLUMINATED RAILROAD BLANKOUT SIGN. THE EXISTING NO. 14 2/C CABLE SHALL BE USED TO POWER THE PROPOSED RAILROAD BLANKOUT SIGN.



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE DIAGRAM
FRA CROSSING #328030C
IL ROUTE 3 & NEW POAG ROAD (HARTFORD, IL)

SCALE: NTS SHEET 2 OF 4 SHEETS STA. TO STA.

F.A. RTE. **	SECTION RR INTERCONNECT 2020	COUNTY ***	TOTAL SHEETS 23	SHEET NO. 5
CONTRACT NO. 76N52				
ILLINOIS FED. AID PROJECT				

* VARIOUS ** VARIOUS *** MADISON / ST CLAIR

TRAFFIC SIGNAL SEQUENCE OF OPERATION

MOVEMENT																									FLASH								
PHASE	1 + 5						2 + 5			1 + 6				2 + 6						3				4									
INTERVAL	1	2A	2B	3A	3B	4A	4B	5	6A	6B	7	8	9A	9B	10	11	12A	12B	13A	13B	14A	14B	15	16A		16B	16C	16D	17	18	19A	19B	
CHANGE TO	2 + 5		1 + 6			2 + 6			2 + 6			2 + 6				1 + 5, 3, 4		2 + 5		1 + 6		1 + 5, 1 + 6, 2 + 5, 2 + 6, 4				1+5,1+6 2+5,2+6							
ILLINOIS ROUTE 3 FAR LEFT AND LEFT MAST ARM SIGNAL	S/B	G	G	G	Y	R	Y	R	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
ILLINOIS ROUTE 3 NEAR RIGHT AND MIDDLE AND RIGHT MAST ARM SIGNALS	S/B	R	R	R	R	R	R	G	G	G	R	R	R	R	G	Y	Y	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	
ILLINOIS ROUTE 3 FAR LEFT AND LEFT MAST ARM SIGNAL	N/B	G	Y	R	G	G	Y	R	R	R	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
ILLINOIS ROUTE 3 NEAR RIGHT AND MIDDLE AND RIGHT MAST ARM SIGNALS	N/B	R	R	R	R	R	R	R	R	R	G	G	G	G	G	Y	Y	R	Y	R	G	G	R	R	R	R	R	R	R	R	R	R	
NEW POAG ROAD (PRE-SIGNAL) ALL SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	R	R	R	R	R	R	R	
NEW POAG ROAD (WEST OF TRACKS) FAR LEFT AND LEFT MAST ARM SIGNAL	W/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	G	Y	R	R	R	R	R	R	
NEW POAG ROAD (WEST OF TRACKS) RIGHT MAST ARM SIGNAL	W/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	G	Y	R	R	R	R	R	R	
PARK ENTRANCE FAR LEFT SIGNAL	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	
PARK ENTRANCE FAR RIGHT AND NEAR RIGHT SIGNAL	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	
PEDESTRIAN SIGNALS CROSSING IL 3 ON SOUTH SIDE OF NEW POAG ROAD		H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	*P	**FH	H	H		
PEDESTRIAN SIGNALS CROSSING NEW POAG ROAD ON EAST SIDE OF IL 3		H	H	H	H	H	H	H	H	H	*P	**FH	H	H	*P	**FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H		

PHASES 2 AND 6 SHALL BE PLACED ON RECALL

P = ILLUMINATED PERSON = WALK
 FH = ILLUMINATED FLASHING HAND = FLASHING DON'T WALK
 H = ILLUMINATED SOLID HAND = DON'T WALK

* TO APPEAR ONLY UPON PUSHBUTTON ACTUATION
 ** "FH" TO TERMINATE AT THE COMPLETION OF THE PEDESTRIAN INTERVAL CLEARANCE

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* VARIOUS ** VARIOUS *** MADISON / ST CLAIR

RAILROAD PREEMPTION SEQUENCE OF OPERATION

PREEMPTOR
NUMBER 2

CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	1		5		7		10		15		17							CLEAR TO NORMAL SEQUENCE
RAILROAD PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1A	1B	1C	1D	1E	1F	1G	1H	1L	1M	1N	1P	2	3	4	5		
CHANGE TO RAILROAD PREEMPTION SEQUENCE OF OPERATION NUMBER	1B	2	1D	2	1F	2	1H	2	1M	2	1P	2	3	4	5	<input type="checkbox"/>		
ILLINOIS ROUTE 3 FAR LEFT AND LEFT MAST ARM SIGNAL	S/B Y ←	R	Y ←	R	R	R	R	R	R	R	R	R	R	R	R	R	△	
ILLINOIS ROUTE 3 NEAR RIGHT AND MIDDLE AND RIGHT MAST ARM SIGNALS	S/B	R	R	Y	R	R	R	Y	R	R	R	R	R	R	R	G	△	
ILLINOIS ROUTE 3 FAR LEFT AND LEFT MAST ARM SIGNAL	N/B Y ←	R	R	R	Y ←	R	R	R	R	R	R	R	R	R	R	R	△	
ILLINOIS ROUTE 3 NEAR RIGHT AND MIDDLE AND RIGHT MAST ARM SIGNALS	N/B	R	R	R	Y	R	Y	R	R	R	R	R	R	R	R	G	△	
NEW POAG ROAD (PRE-SIGNAL) ALL SIGNALS	W/B	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	R	△	
NEW POAG ROAD (WEST OF TRACKS) FAR LEFT AND LEFT MAST ARM SIGNAL	W/B	R	R	R	R	R	R	R	G ←	G ←	R	R	G ←	Y	R	R	△	
NEW POAG ROAD (WEST OF TRACKS) RIGHT MAST ARM SIGNAL	W/B	R	R	R	R	R	R	R	G	G	R	R	G	Y	R	R	△	
PARK ENTRANCE FAR LEFT SIGNAL	E/B	R	R	R	R	R	R	R	R	R	Y	R	R	R	R	R	△	
PARK ENTRANCE FAR RIGHT AND NEAR RIGHT SIGNAL	E/B	R	R	R	R	R	R	R	R	R	Y	R	R	R	R	R	△	
INTERNALLY ILLUMINATED NO RIGHT TURN SIGNS	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	△	
PEDESTRIAN SIGNALS CROSSING IL 3 ON SOUTH SIDE OF NEW POAG ROAD	H	H	H	H	H	H	H	H	H	H	FH	H	H	H	H	H	△	
PEDESTRIAN SIGNALS CROSSING NEW POAG ROAD ON EAST SIDE OF IL 3	H	H	H	H	FH	H	FH	H	H	H	H	H	H	H	H	H	△	

HOLD

- THE RAILROAD PREEMPTION SEQUENCE SHALL BE CAPABLE OF CYCLING BETWEEN PHASES 1+6, AND 2+6 UNTIL PREEMPTION IS TERMINATED
- △ RAILROAD PREEMPTION SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION AFTER RAILROAD INTERVAL 5 IS TERMINATED

P = ILLUMINATED PERSON = WALK
 FH = ILLUMINATED FLASHING HAND = FLASHING DON'T WALK
 H = ILLUMINATED SOLID HAND = DON'T WALK

- NOTES:
1. ONCE PREEMPTION HAS BEEN CALLED, THE TRACK CLEAR SIGNAL DISPLAY SHALL APPEAR IMMEDIATELY AFTER ALL NECESSARY VEHICULAR CLEARANCES HAVE BEEN PROVIDED.
 2. THE RAILROAD PREEMPTION SEQUENCE OF OPERATION SHALL HAVE PRIORITY OVER ALL OTHER SEQUENCES OF OPERATION.

MODEL: C:\FUHRMANN\ENGINEERING\2018\11\1366_PTB_18926_VARIOUS_PH_IL_TRAFFIC_DESIGN.DB - FEI_PRIMEVIO-02\CADD\CADD_SHEET\076N52-SHC-01-1328030C-04.dgn



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PLOT DATE = 3/16/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAILROAD PREEMPTION SEQUENCE OF OPERATION
FRA CROSSING #328030C
IL ROUTE 3 & NEW POAG ROAD (HARTFORD, IL)**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	RR INTERCONNECT 2020	***	23	7
			CONTRACT NO. 76N52	
ILLINOIS FED. AID PROJECT				

SCALE: NTS SHEET 4 OF 4 SHEETS STA. TO STA.

* VARIOUS ** VARIOUS *** MADISON / ST CLAIR



TRAFFIC SIGNAL FACES

CONSTRUCTION NOTES

- ① THE CONTRACTOR SHALL REMOVE THE EXISTING RAILROAD BLANKOUT SIGN AND REPLACE WITH A NEW L.E.D. ILLUMINATED RAILROAD BLANKOUT SIGN. THE EXISTING NO. 14 2/C CABLE SHALL BE USED TO POWER THE PROPOSED RAILROAD BLANKOUT SIGN.

TRAFFIC SIGNAL LEGEND

- ◻ EXISTING HANDHOLE
- ◻ EXISTING DOUBLE HANDHOLE
- ◻ EXISTING RAILROAD CONTROL CABINET
- ◻ PROPOSED TRAFFIC SIGNAL CONTROLLER
- ≡≡≡ EXISTING UNDERGROUND CONDUIT

TRAFFIC SIGNAL GENERAL NOTES

- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK, FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EQUIPMENT, AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES AND IDOT FOR LOCATES. THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123.
- THE CONTRACTOR SHALL CONTACT THE NORFOLK SOUTHERN RAILWAY AT (478) 832-0958 (JOEL VAN AKKEREN, C&S SUPERVISOR). JOEL.VANAKKEREN@NSCORP.COM
- THE CONTRACTOR SHALL COORDINATE WITH NORFOLK SOUTHERN (NS) RAILROAD BEFORE STARTING ANY WORK ON NS PROPERTY. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND FOLLOWING CURRENT SPECIFICATIONS FOR PIPELINE OCCUPANCY OF NORFOLK SOUTHERN CORPORATION PROPERTY. (NS DOT #328030C)
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES, IDOT, AND NS RAILWAY.
- COORDINATE ALL WORK WITH THE RAILROAD FORCES. SEE SPECIAL PROVISION "RAILROAD COORDINATION AND FLAGGERS."
- THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE NOTIFIED AT LEAST 72 HOURS PRIOR TO REPLACING OF AND TURNING ON OF THE CONTROLLER UNIT.
- THE CONTRACTOR SHALL PROVIDE A SELF-ADHERED PHASE DIAGRAM ON THE INSIDE OF THE CONTROLLER CABINET DOOR.
- RAILROAD, FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL SHALL INCLUDE VEHICLE DETECTOR AMPS, REMOTE MONITORING, AND AN INTERSECTION MONITOR.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE EXISTING TRAFFIC SIGNAL INSTALLATION DURING THE WORK.
- THE CONTRACTOR SHALL DOWNLOAD THE EXISTING TRAFFIC CONTROLLER DATABASES AND PROVIDE A COPY TO IDOT AND ICC STAFF PRIOR TO SHOP TESTING OF THE NEW TRAFFIC CONTROLLER EQUIPMENT.

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR THE PICK UP OF ALL EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY AS PER THE SPECIAL PROVISION.

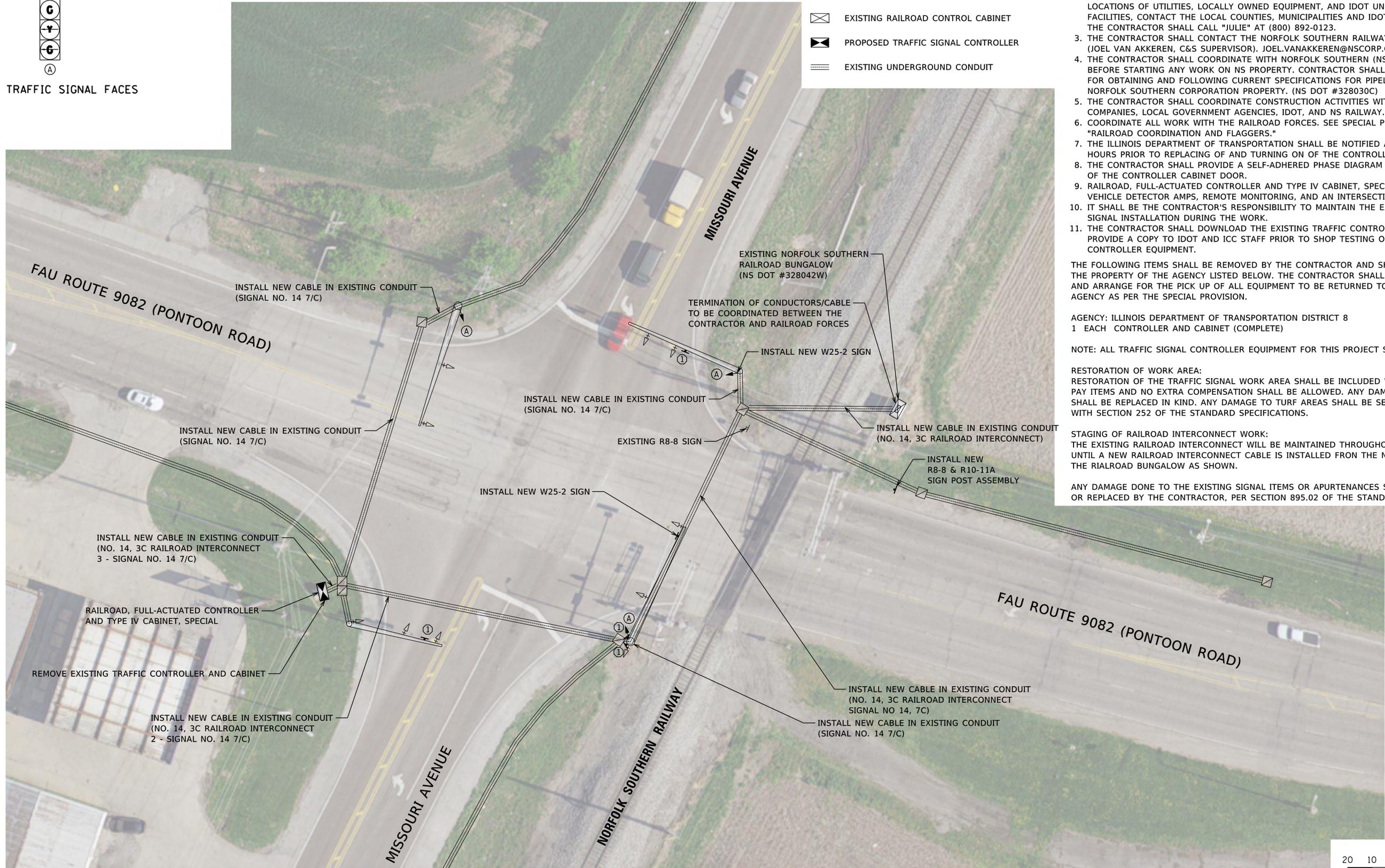
AGENCY: ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT 8
1 EACH CONTROLLER AND CABINET (COMPLETE)

NOTE: ALL TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE".

RESTORATION OF WORK AREA:
RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED WITH THE RELATED PAY ITEMS AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ANY DAMAGE TO PAVEMENT SHALL BE REPLACED IN KIND. ANY DAMAGE TO TURF AREAS SHALL BE SEEDING IN ACCORDANCE WITH SECTION 252 OF THE STANDARD SPECIFICATIONS.

STAGING OF RAILROAD INTERCONNECT WORK:
THE EXISTING RAILROAD INTERCONNECT WILL BE MAINTAINED THROUGHOUT THE WORK UNTIL A NEW RAILROAD INTERCONNECT CABLE IS INSTALLED FROM THE NEW CONTROLLER TO THE RAILROAD BUNGALOW AS SHOWN.

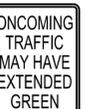
ANY DAMAGE DONE TO THE EXISTING SIGNAL ITEMS OR APURTENANCES SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR, PER SECTION 895.02 OF THE STANDARD SPECIFICATIONS.



R8-8
(24X36)



R10-11a
(36X48)



W25-2
(24X30)



SCALE IN FEET

MODEL: C:\E\Projects\2018\181366_PTB_18926_VARIOUS_P1_IL_TRAFFIC_DESIGN.DB - FEI_PRIME\10-02\CADD\CADD_Sheets\07\6NS2-SIG-14-02-328042W-C1.dgn



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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODIFICATION PLAN
FRA CROSSING #328042W
MISSOURI AVENUE & PONTOON ROAD (GRANITE CITY, IL)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	RR INTERCONNECT 2020	***	23	8
CONTRACT NO. 76N52				

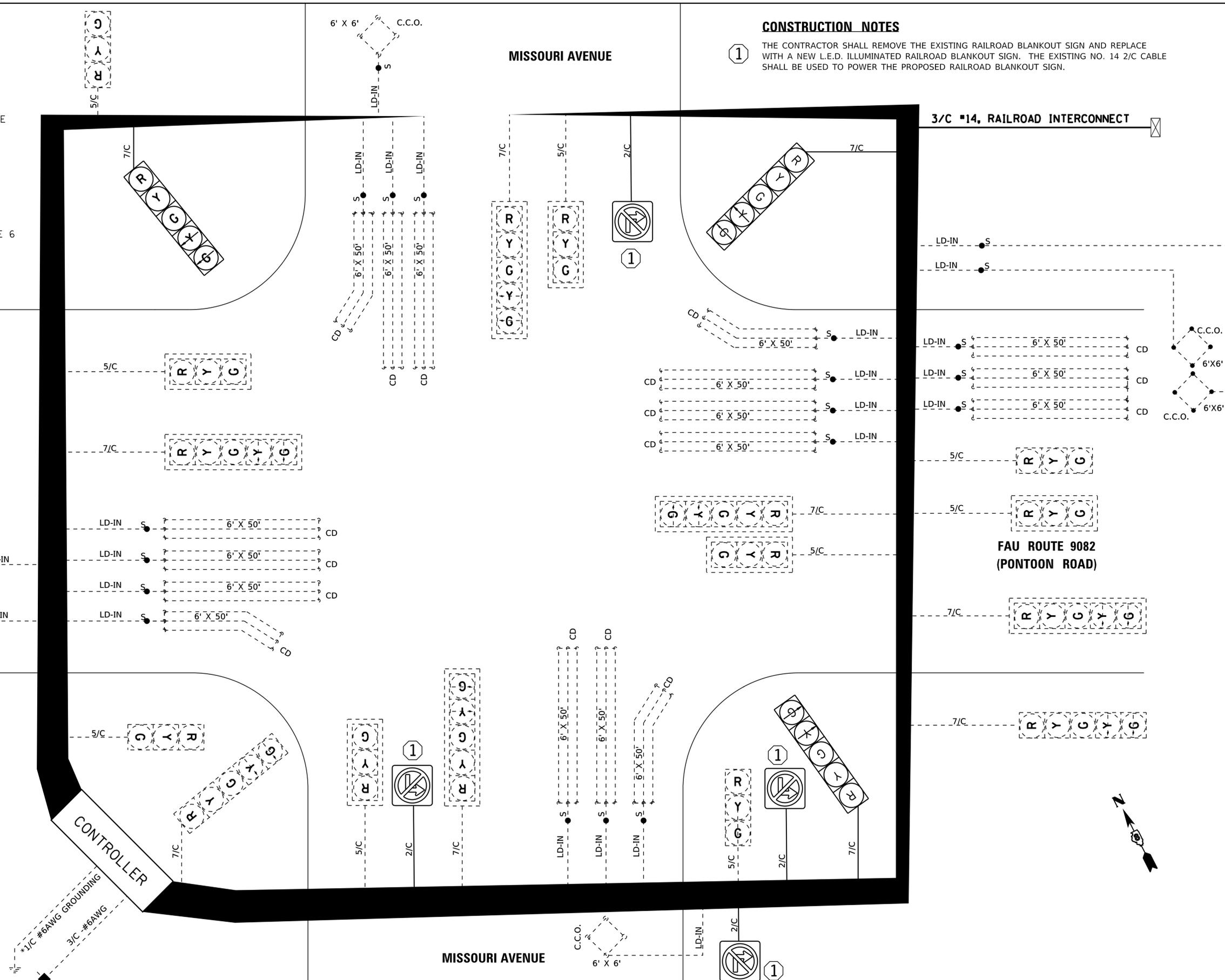
ILLINOIS FED. AID PROJECT
* VARIOUS ** VARIOUS *** MADISON / ST CLAIR

CABLE DIAGRAM LEGEND

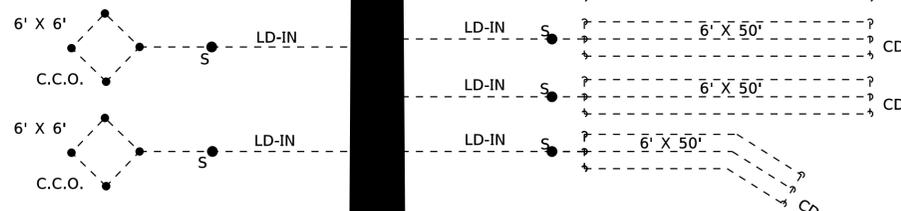
- ELECTRIC CABLE IN CONDUIT
- - - EXISTING ELECTRIC CABLE IN CONDUIT
- S CABLE SPLICE (SEE GENERAL NOTES)
- 2/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- CD CALL DELAY (SEE GENERAL NOTES)
- CCO CALL CARRY OVER (SEE GENERAL NOTES)
- EXISTING SERVICE INSTALLATION
- EXISTING ILLUMINATED SIGN
- #6 INDICATES AMERICAN WIRE GAUGE (AWG) SIZE 6 CONDUCTORS (SEE GENERAL NOTES)

CONSTRUCTION NOTES

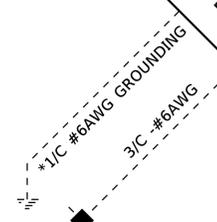
1 THE CONTRACTOR SHALL REMOVE THE EXISTING RAILROAD BLANKOUT SIGN AND REPLACE WITH A NEW L.E.D. ILLUMINATED RAILROAD BLANKOUT SIGN. THE EXISTING NO. 14 2/C CABLE SHALL BE USED TO POWER THE PROPOSED RAILROAD BLANKOUT SIGN.



FAU ROUTE 9082 (PONTOON ROAD)



CONTROLLER



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CABLE DIAGRAM
FRA CROSSING #328042W
MISSOURI AVENUE & PONTOON ROAD (GRANITE CITY, IL)**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	RR INTERCONNECT 2020	***	23	9
CONTRACT NO. 76N52			ILLINOIS FED. AID PROJECT	
+ VARIOUS ** VARIOUS *** MADISON / ST CLAIR				

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PLOT DATE = 3/16/2020	CHECKED -	REVISED -
	DATE -	REVISED -

SCALE: NTS SHEET 2 OF 4 SHEETS STA. TO STA.

RAILROAD PREEMPTION SEQUENCE OF OPERATION

PREEMPTOR
NUMBER 2

CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	1		5		7		9		11		15		18		21		PREEMPTOR NUMBER 2					
RAILROAD PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1A	1B	1C	1D	1E	1F	1G	1H	1L	1M	1N	1P	1R	1S	1T	1U	2	3	4	5	CLEAR TO NORMAL SEQUENCE	
CHANGE TO RAILROAD PREEMPTION SEQUENCE OF OPERATION NUMBER	1B	2	1D	2	1F	2	1H	2	1M	2	1P	2	1S	2	1U	2	3	4	5	<input type="checkbox"/>		
MISSOURI AVE LEFT MAST ARM SIGNAL	S/B	R Y	R	Y Y	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	G	△
MISSOURI AVE NEAR RIGHT AND RIGHT MAST ARM SIGNALS	S/B	R	R	Y	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	G	△
MISSOURI AVE LEFT MAST ARM SIGNAL	N/B	R Y	R	R	R	Y Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	G	△
MISSOURI AVE NEAR RIGHT AND RIGHT MAST ARM SIGNALS	N/B	R	R	R	R	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	G	△
PONTOON ROAD (PRE-SIGNAL) LEFT AND LEFT POST MOUNT SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	△
PONTOON ROAD (PRE-SIGNAL) RIGHT AND RIGHT POST MOUNT SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	△
PONTOON ROAD (WEST OF TRACKS) FAR LEFT AND LEFT MAST ARM SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	△
PONTOON ROAD (WEST OF TRACKS) RIGHT MAST ARM SIGNAL	W/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	△
PONTOON ROAD LEFT MAST ARM SIGNAL	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	△
PONTOON ROAD NEAR RIGHT AND RIGHT MAST ARM SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	△
INTERNALLY ILLUMINATED NO RIGHT TURN SIGNS		NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	△
INTERNALLY ILLUMINATED NO LEFT TURN SIGNS		NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	△

HOLD

- THE RAILROAD PREEMPTION SEQUENCE SHALL BE CAPABLE OF CYCLING BETWEEN PHASES 1+6, AND 2+6 UNTIL PREEMPTION IS TERMINATED
- △ RAILROAD PREEMPTION SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION AFTER RAILROAD INTERVAL 5 IS TERMINATED

- NOTES:
1. ONCE PREEMPTION HAS BEEN CALLED, THE TRACK CLEAR SIGNAL DISPLAY SHALL APPEAR IMMEDIATELY AFTER ALL NECESSARY VEHICULAR CLEARANCES HAVE BEEN PROVIDED.
 2. THE RAILROAD PREEMPTION SEQUENCE OF OPERATION SHALL HAVE PRIORITY OVER ALL OTHER SEQUENCES OF OPERATION.

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TRAFFIC SIGNAL GENERAL NOTES

- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK, FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EQUIPMENT, AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES AND IDOT FOR LOCATES. THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123.
- THE CONTRACTOR SHALL CONTACT THE NORFOLK SOUTHERN RAILWAY AT (478) 832-0958 (JOEL VAN AKKEREN, C&S SUPERVISOR), JOEL.VANAKKEREN@NSCORP.COM
- THE CONTRACTOR SHALL COORDINATE WITH NORFOLK SOUTHERN (NS) RAILROAD BEFORE STARTING ANY WORK ON NS PROPERTY. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND FOLLOWING CURRENT SPECIFICATIONS FOR PIPELINE OCCUPANCY OF NORFOLK SOUTHERN CORPORATION PROPERTY. (NS DOT #328030C)
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES, IDOT, AND NS RAILWAY.
- COORDINATE ALL WORK WITH THE RAILROAD FORCES. SEE SPECIAL PROVISION "RAILROAD COORDINATION AND FLAGGERS."
- THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE NOTIFIED AT LEAST 72 HOURS PRIOR TO REPLACING OF AND TURNING ON OF THE CONTROLLER UNIT.
- THE CONTRACTOR SHALL PROVIDE A SELF-ADHERED PHASE DIAGRAM ON THE INSIDE OF THE CONTROLLER CABINET DOOR.
- RAILROAD, FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL SHALL INCLUDE VEHICLE DETECTOR AMPS, REMOTE MONITORING, AND AN INTERSECTION MONITOR.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE EXISTING TRAFFIC SIGNAL INSTALLATION DURING THE WORK.
- THE CONTRACTOR SHALL DOWNLOAD THE EXISTING TRAFFIC CONTROLLER DATABASES AND PROVIDE A COPY TO IDOT AND ICC STAFF PRIOR TO SHOP TESTING OF THE NEW TRAFFIC CONTROLLER EQUIPMENT.

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR THE PICK UP OF ALL EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY AS PER THE SPECIAL PROVISION.

AGENCY: ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT 8
1 EACH CONTROLLER AND CABINET (COMPLETE)

NOTE: ALL TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE".

RESTORATION OF WORK AREA:
RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED WITH THE RELATED PAY ITEMS AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ANY DAMAGE TO PAVEMENT SHALL BE REPLACED IN KIND. ANY DAMAGE TO TURF AREAS SHALL BE SEEDED IN ACCORDANCE WITH SECTION 252 OF THE STANDARD SPECIFICATIONS.

STAGING OF RAILROAD INTERCONNECT WORK:
THE EXISTING RAILROAD INTERCONNECT WILL BE MAINTAINED THROUGHOUT THE WORK UNTIL A NEW RAILROAD INTERCONNECT CABLE IS INSTALLED FROM THE NEW CONTROLLER TO THE RAILROAD BUNGALOW AS SHOWN.

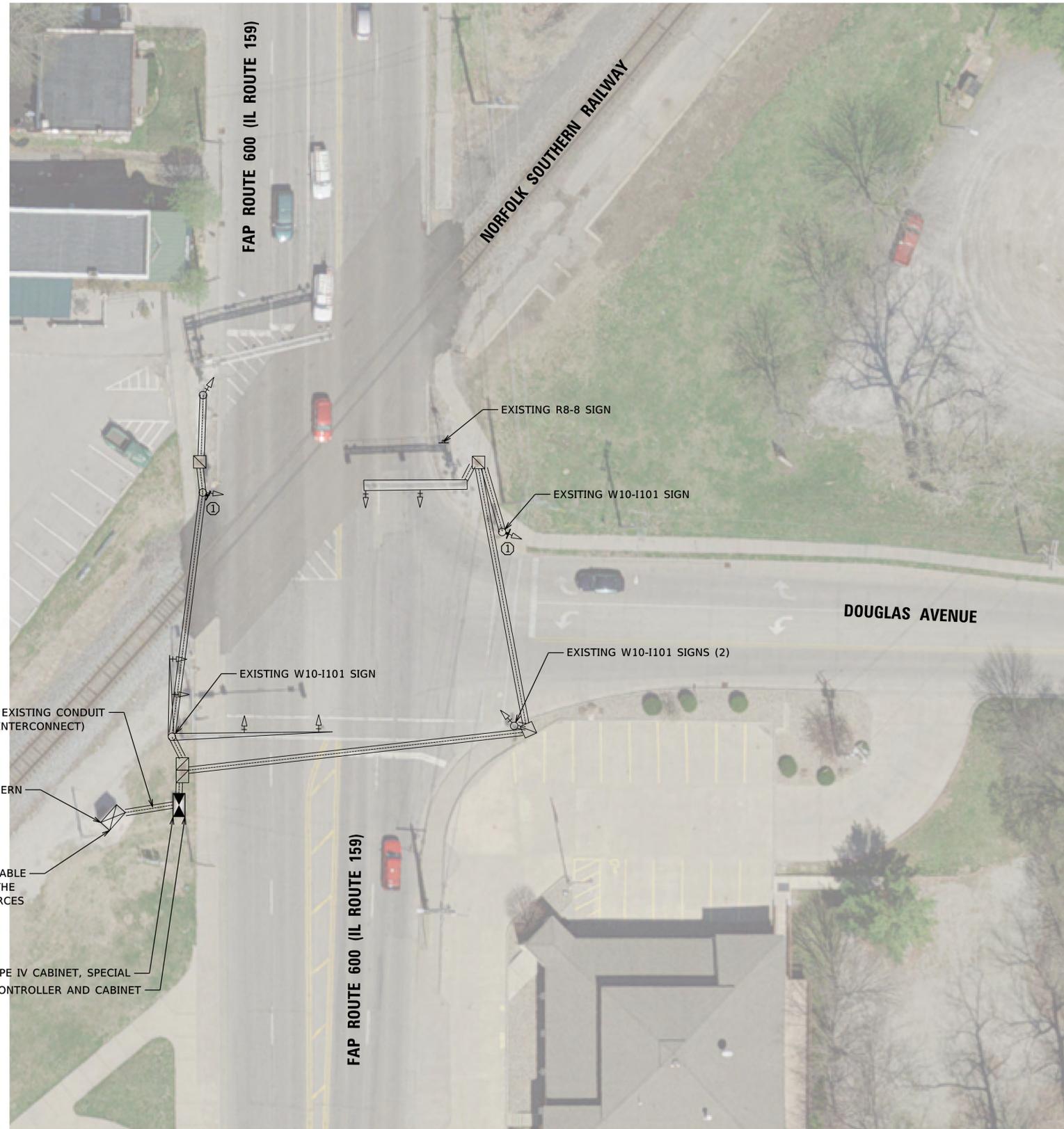
ANY DAMAGE DONE TO THE EXISTING SIGNAL ITEMS OR APURTENANCES SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR, PER SECTION 895.02 OF THE STANDARD SPECIFICATIONS.

TRAFFIC SIGNAL LEGEND

- EXISTING HANDHOLE
- EXISTING DOUBLE HANDHOLE
- EXISTING RAILROAD CONTROL CABINET
- PROPOSED TRAFFIC SIGNAL CONTROLLER
- EXISTING UNDERGROUND CONDUIT

CONSTRUCTION NOTES

- THE CONTRACTOR SHALL REMOVE THE EXISTING RAILROAD BLANKOUT SIGN AND REPLACE WITH A NEW L.E.D. ILLUMINATED RAILROAD BLANKOUT SIGN. THE EXISTING NO. 14 2/C CABLE SHALL BE USED TO POWER THE PROPOSED RAILROAD BLANKOUT SIGN.



RAILROAD, FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL
REMOVE EXISTING TRAFFIC CONTROLLER AND CABINET

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PLOT DATE = 3/16/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODIFICATION PLAN			
FRA CROSSING #724592N			
IL ROUTE 159 & DOUGLAS AVENUE (BELLEVILLE, IL)			
SCALE: 1"=20'	SHEET 1	OF 4 SHEETS	STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	RR INTERCONNECT 2020	***	23	12
CONTRACT NO. 76N52				
ILLINOIS FED. AID PROJECT				

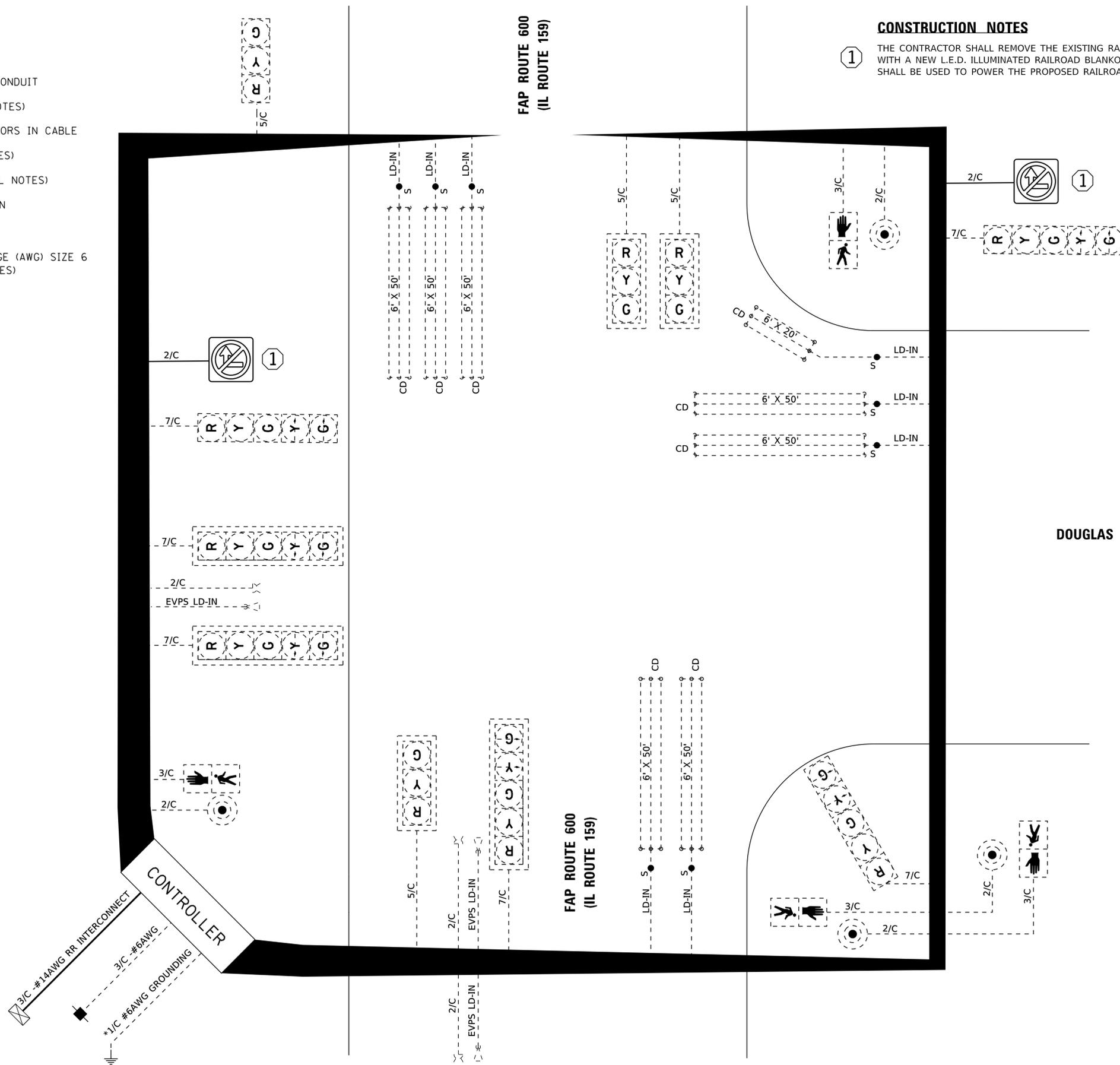
* VARIOUS ** VARIOUS *** MADISON / ST CLAIR

CABLE DIAGRAM LEGEND

- ELECTRIC CABLE IN CONDUIT
- EXISTING ELECTRIC CABLE IN CONDUIT
- S CABLE SPLICE (SEE GENERAL NOTES)
- 2/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- CD CALL DELAY (SEE GENERAL NOTES)
- CCO CALL CARRY OVER (SEE GENERAL NOTES)
- EXISTING SERVICE INSTALLATION
- EXISTING ILLUMINATED SIGN
- #6 INDICATES AMERICAN WIRE GAUGE (AWG) SIZE 6 CONDUCTORS (SEE GENERAL NOTES)

CONSTRUCTION NOTES

- ① THE CONTRACTOR SHALL REMOVE THE EXISTING RAILROAD BLANKOUT SIGN AND REPLACE WITH A NEW L.E.D. ILLUMINATED RAILROAD BLANKOUT SIGN. THE EXISTING NO. 14 2/C CABLE SHALL BE USED TO POWER THE PROPOSED RAILROAD BLANKOUT SIGN.



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PLOT DATE = 3/16/2020	DATE -	REVISION -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE DIAGRAM
FRA CROSSING #724592N
IL ROUTE 159 & DOUGLAS AVENUE (BELLEVILLE, IL)

SCALE: NTS SHEET 2 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	RR INTERCONNECT 2020	***	23	13
			CONTRACT NO. 76N52	
ILLINOIS FED. AID PROJECT				
* VARIOUS ** VARIOUS *** MADISON / ST CLAIR				

TRAFFIC SIGNAL SEQUENCE OF OPERATION

MOVEMENT																									F L A S H
PHASE		2 + 5			2 + 6						4+7						4 + 8								
INTERVAL		1	2A	2B	3	4	5A	5B	6A	6B	7	8A	8B	9A	9B	10A	10B	11	12	13A	13B	14A	14B		
CHANGE TO		2 + 6			2 + 5						4 + 7 4 + 8		4 + 8				2 + 5		2 + 6						
ILLINOIS ROUTE 159 FAR LEFT AND LEFT MAST ARM SIGNAL	S/B	G	G	G	G	G	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
ILLINOIS ROUTE 159 RIGHT MAST ARM SIGNAL	S/B	G	G	G	G	G	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
ILLINOIS ROUTE 159 NEAR RIGHT SIGNAL (PRE-SIGNAL)	S/B	G	G	G	G	G	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
ILLINOIS ROUTE 159 LEFT AND RIGHT RR CANTILEVER SIGNALS	N/B	R	R	R	G	G	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
DOUGLAS AVE MAST ARM SIGNALS	W/B	R	R	R	R	R	R	R	R	R	G	G	G	Y	R	Y	R	G	G	Y	R	Y	R	R	
DOUGLAS AVE FAR RIGHT AND NEAR RIGHT SIGNALS	W/B	R	R	R	R	R	R	R	R	R	G	G	G	Y	R	Y	R	G	G	Y	R	Y	R	R	
PEDESTRIAN SIGNALS CROSSING DOUGLAS AVENUE ON EAST SIDE OF IL 159		H	H	H	*P	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	DARK	
PEDESTRIAN SIGNALS CROSSING IL 159 ON SOUTH SIDE OF DOUGLAS AVENUE		H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	*P	FH	H	H	H	H			

PHASES 2 AND 6 SHALL BE PLACED ON RECALL

- P = ILLUMINATED PERSON = WALK
- FH = ILLUMINATED FLASHING HAND = FLASHING DON'T WALK
- H = ILLUMINATED SOLID HAND = DON'T WALK

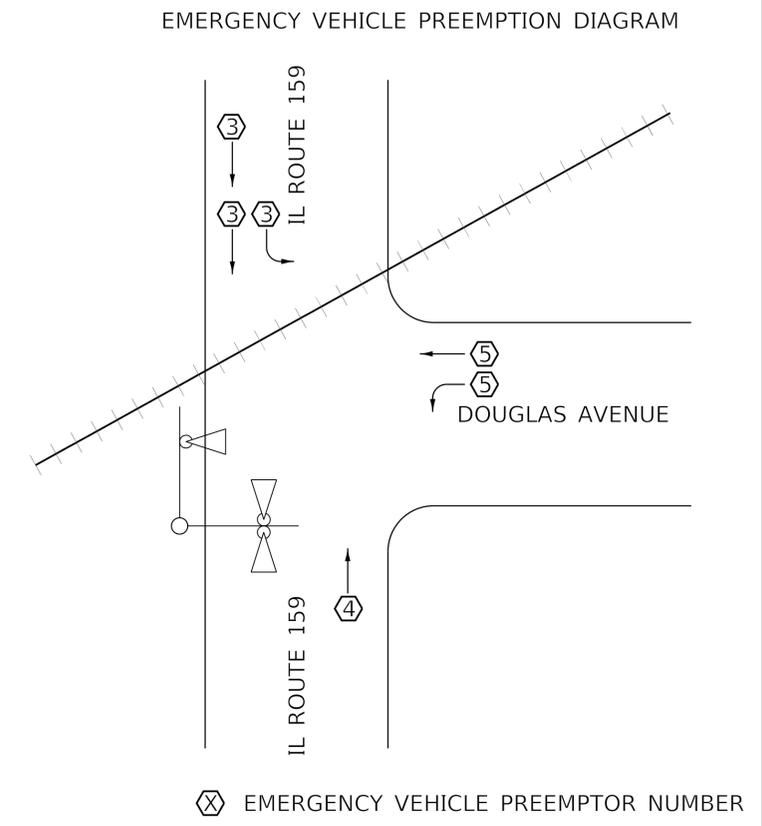
- * TO APPEAR ONLY UPON PUSHBUTTON ACTUATION
- ** "FH" TO TERMINATE AT THE COMPLETION OF THE PEDESTRIAN INTERVAL CLEARANCE

MODEL: C:\FUHRMANN\2018\181366.PTB 18926 VARIOUS PH. IL TRAFFIC DESIGN DB - FEI PRIME\110-02\CADD\CADD_Sheets\076NS2-sht-03-715924-03.dgn

RAILROAD PREEMPTION SEQUENCE OF OPERATION

CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	PREEMPTOR NUMBER 2											CLEAR TO NORMAL SEQUENCE	
	1		3		7		11		2	3	4		5
RAILROAD PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1A	1B	1C	1D	1E	1F	1G	1H	2	3	4	5	
CHANGE TO RAILROAD PREEMPTION SEQUENCE OF OPERATION NUMBER	1B	2	1D	2	1F	2	1H	2	3	4	5	□	
ILLINOIS ROUTE 159 FAR LEFT AND LEFT MAST ARM SIGNAL	S/B	G G	G G	G	R	R	R	R	G G	Y Y	R	R	△
ILLINOIS ROUTE 159 RIGHT MAST ARM SIGNAL	S/B	G	G	G	R	R	R	R	G	Y	R	R	△
ILLINOIS ROUTE 159 NEAR RIGHT SIGNAL (PRE-SIGNAL)	S/B	Y	R	Y	R	R	R	R	R	R	R	R	△
ILLINOIS ROUTE 159 LEFT AND RIGHT RAILROAD CANTILEVER SIGNALS	N/B	R	R	Y	R	R	R	R	R	R	R	R	△
DOUGLAS AVE LEFT MAST ARM SIGNALS	W/B	R	R	R	Y Y	R	Y	R	R	R	R	R G	△
DOUGLAS AVE FAR RIGHT AND NEAR RIGHT SIGNALS	W/B	R Y	R	R	Y Y	R	Y Y	R	R	R	R	R	△
INTERNALLY ILLUMINATED NO RIGHT TURN SIGNS		NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	△
PEDESTRIAN SIGNALS CROSSING DOUGLAS AVENUE ON EAST SIDE OF IL 159		H	H	FH	H	H	H	H	H	H	H	H	△
PEDESTRIAN SIGNALS CROSSING IL 159 ON SOUTH SIDE OF DOUGLAS AVENUE		H	H	H	H	H	FH	H	H	H	H	H	△

HOLD



△ RAILROAD PREEMPTION SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION AFTER RAILROAD INTERVAL 5 IS TERMINATED

- NOTES:
- ONCE PREEMPTION HAS BEEN CALLED, THE TRACK CLEAR SIGNAL DISPLAY SHALL APPEAR IMMEDIATELY AFTER ALL NECESSARY VEHICULAR CLEARANCES HAVE BEEN PROVIDED.
 - THE RAILROAD PREEMPTION SEQUENCE OF OPERATION SHALL HAVE PRIORITY OVER ALL OTHER SEQUENCES OF OPERATION.

P = ILLUMINATED PERSON = WALK
 FH = ILLUMINATED FLASHING HAND = FLASHING DON'T WALK
 H = ILLUMINATED SOLID HAND = DON'T WALK

MODEL: C:\FUHRMANN\2018\181366_PTB_18926_VARIOUS_PH_IL_TRAFFIC_DESIGN.DB - FEI_PRIME1110-02\CADD\CADD_Sheets\076N52-shc-h03-74592N.dgn

TRAFFIC SIGNAL GENERAL NOTES

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
2. THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK. FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EQUIPMENT, AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES AND IDOT FOR LOCATES. THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123.
3. THE CONTRACTOR SHALL CONTACT THE TERMINAL RAILROAD ASSOCIATION (TRRA) OF ST. LOUIS AT (888) 784-8772.
4. THE CONTRACTOR SHALL COORDINATE WITH TERMINAL RAILROAD ASSOCIATION (TRRA) BEFORE STARTING ANY WORK ON UP PROPERTY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND FOLLOWING CURRENT SPECIFICATIONS FOR PIPELINE OCCUPANCY OF TERMINAL RAILROAD ASSOCIATION (TRRA) PROPERTY. (TRRA DOT #803-121S)
5. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES, IDOT, AND TRRA RAILWAY.
6. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH THE RAILROAD FORCES. SEE SPECIAL PROVISION "RAILROAD COORDINATION AND FLAGGERS".
7. THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) SHALL BE NOTIFIED AT LEAST 72 HOURS PRIOR TO REPLACING AND TURNING ON OF THE CONTROLLER UNIT.
8. THE CONTRACTOR SHALL PROVIDE A SELF-ADHERED PHASE DIAGRAM ON THE INSIDE OF THE TRAFFIC SIGNAL CONTROLLER CABINET DOOR.
9. PAY ITEM "RAILROAD, FULL-ACTUATE CONTROLLER AND CABINET TYPE IV CABINET, SPECIAL" SHALL INCLUDE VEHICLE DETECTOR AMPS, REMOTE MONITORING, AND AN INTERSECTION MONITOR.
10. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE EXISTING TRAFFIC SIGNAL INSTALLATION DURING THE WORK.
11. THE CONTRACTOR SHALL DOWNLOAD THE EXISTING TRAFFIC CONTROLLER DATABASE AND PROVIDE A COPY TO IDOT AND ICC STAFF PRIOR TO SHOP TESTING OF THE NEW TRAFFIC CONTROLLER EQUIPMENT.

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR THE PICK UP OF ALL EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY AS PER THE SPECIAL PROVISION.

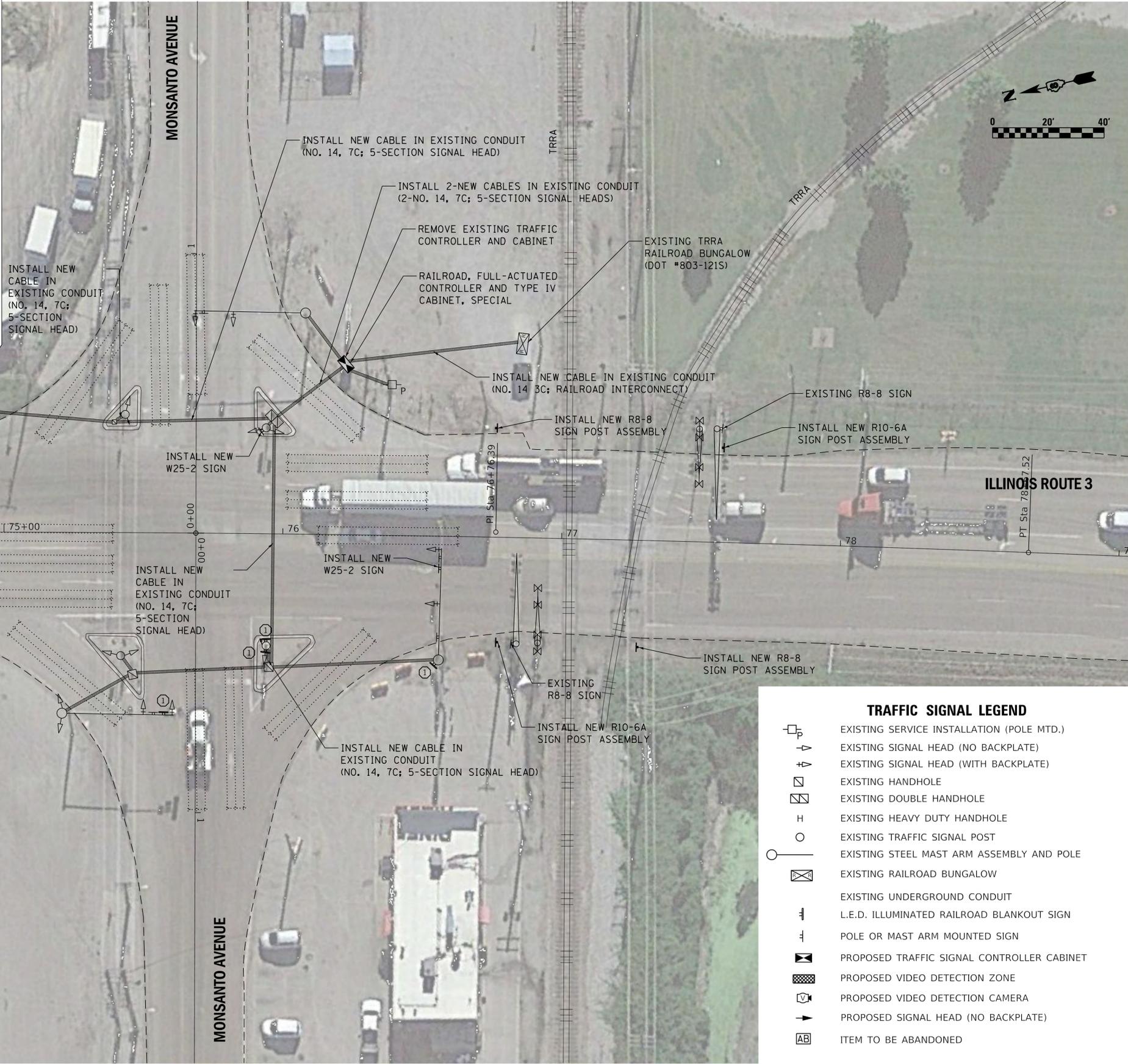
AGENCY: ILLINOIS DEPARTMENT OF TRANSPORTATION - DISTRICT 8
1 EACH CONTROLLER AND CABINET (COMPLETE)

NOTE: ALL TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE".

RESTORATION OF WORK AREA:
RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED IN THE RELATED PAY ITEMS AND NO EXTRA COMPENSTAIION SHALL BE ALLOWED. ANY DAMAGE TO TURF AREAS SHALL BE SEEDED IN ACCORDANCE WITH SECTION 252 OF THE STANDARD SPECIFICATIONS.

STAGING OF THE RAILROAD INTERCONNECT WORK:
THE EXISTING RAILROAD INTERCONNECT WILL BE MAINTAINED THROUGHOUT THE WORK UNTIL A NEW RAILROAD INTERCONNECT CABLE IS INSTALLED FROM THE NEW CONTROLLER TO THE RAILROAD BUNGALOW AS SHOWN.

ANY DAMAGE DONE TO THE EXISTING SIGNAL ITEMS OR APURTENANCES SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR, PER PER SECTION 895.02 OF THE STANDARD SPECIFICATIONS.



ILLINOIS ROUTE 3



CONSTRUCTION NOTES:

- ① THE CONTRACTOR SHALL REMOVE THE EXISTING RAILROAD BLANKOUT SIGN AND REPLACE WITH A NEW L.E.D. ILLUMINATED RAILROAD BLANKOUT SIGN. THE EXISTING NO. 14, 2/C CABLE SHALL BE USED TO POWER THE PROPOSED RAILROAD BLANKOUT SIGN.

TRAFFIC SIGNAL LEGEND

	EXISTING SERVICE INSTALLATION (POLE MTD.)
	EXISTING SIGNAL HEAD (NO BACKPLATE)
	EXISTING SIGNAL HEAD (WITH BACKPLATE)
	EXISTING HANDHOLE
	EXISTING DOUBLE HANDHOLE
	EXISTING HEAVY DUTY HANDHOLE
	EXISTING TRAFFIC SIGNAL POST
	EXISTING STEEL MAST ARM ASSEMBLY AND POLE
	EXISTING RAILROAD BUNGALOW
	EXISTING UNDERGROUND CONDUIT
	L.E.D. ILLUMINATED RAILROAD BLANKOUT SIGN
	POLE OR MAST ARM MOUNTED SIGN
	PROPOSED TRAFFIC SIGNAL CONTROLLER CABINET
	PROPOSED VIDEO DETECTION ZONE
	PROPOSED VIDEO DETECTION CAMERA
	PROPOSED SIGNAL HEAD (NO BACKPLATE)
	ITEM TO BE ABANDONED

MODEL: MonsantoPlan
FILE NAME: S:\POS\2019\Projects\19-0032-ITE - IDOT DB_Signals\ITS On-call\WVO #2\CAD\Sheets.dgn



USER NAME = Synchro	DESIGNED -	REVISED -
PLOT SCALE = 20.0000" / in.	DRAWN -	REVISED -
PLOT DATE = 3/5/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MODIFICATION PLAN
FRA CROSSING #803121S
IL ROUTE 3 & MONSANTO AVENUE (SAUGET, IL)**

SCALE: 1"=20' SHEET 1 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	RR INTERCONNECT 2020	***	23	16
CONTRACT NO. 76N52				

ILLINOIS FED. AID PROJECT
* VARIOUS ** VARIOUS *** MADISON / ST CLAIR



MONSANTO AVENUE

ILLINOIS ROUTE 3

ILLINOIS ROUTE 3

MONSANTO AVENUE

CONTROLLER

2/C #6 AWG POWER

NEW CABLE (NO. 14 3C₂ RAILROAD INTERCONNECT)

TRAFFIC SIGNAL LEGEND

-  EXISTING SERVICE INSTALLATION (POLE MTD.)
-  INDICATES NUMBER OF CONDUCTORS IN CABLE
-  CALL DELAY (SEE GENERAL NOTES)
-  ELECTRIC CABLE LEAD-IN 1 PAIR
-  INDICATES AMERICAN WIRE GAUGE (AWG) SIZE, 6 CONDUCTORS
-  ELECTRIC CABLE IN CONDUIT
-  EXISTING ELECTRIC CABLE IN CONDUIT
-  EXISTING LOOP DETECTION ZONE
-  PROPOSED L.E.D. ILLUMINATED RAILROAD BLANKOUT SIGN

CONSTRUCTION NOTES:

- ① THE CONTRACTOR SHALL REMOVE THE EXISTING RAILROAD BLANKOUT SIGN AND REPLACE WITH A NEW L.E.D. ILLUMINATED RAILROAD BLANKOUT SIGN. THE EXISTING NO. 14, 2/C CABLE SHALL BE USED TO POWER THE PROPOSED RAILROAD BLANKOUT SIGN.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE DIAGRAM
FRA CROSSING #803121S
IL ROUTE 3 & MONSANTO AVENUE (SAUGET, IL)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	RR INTERCONNECT 2020	***	23	17
CONTRACT NO. 76N52				

SCALE: NTS SHEET 2 OF 4 SHEETS STA. TO STA.

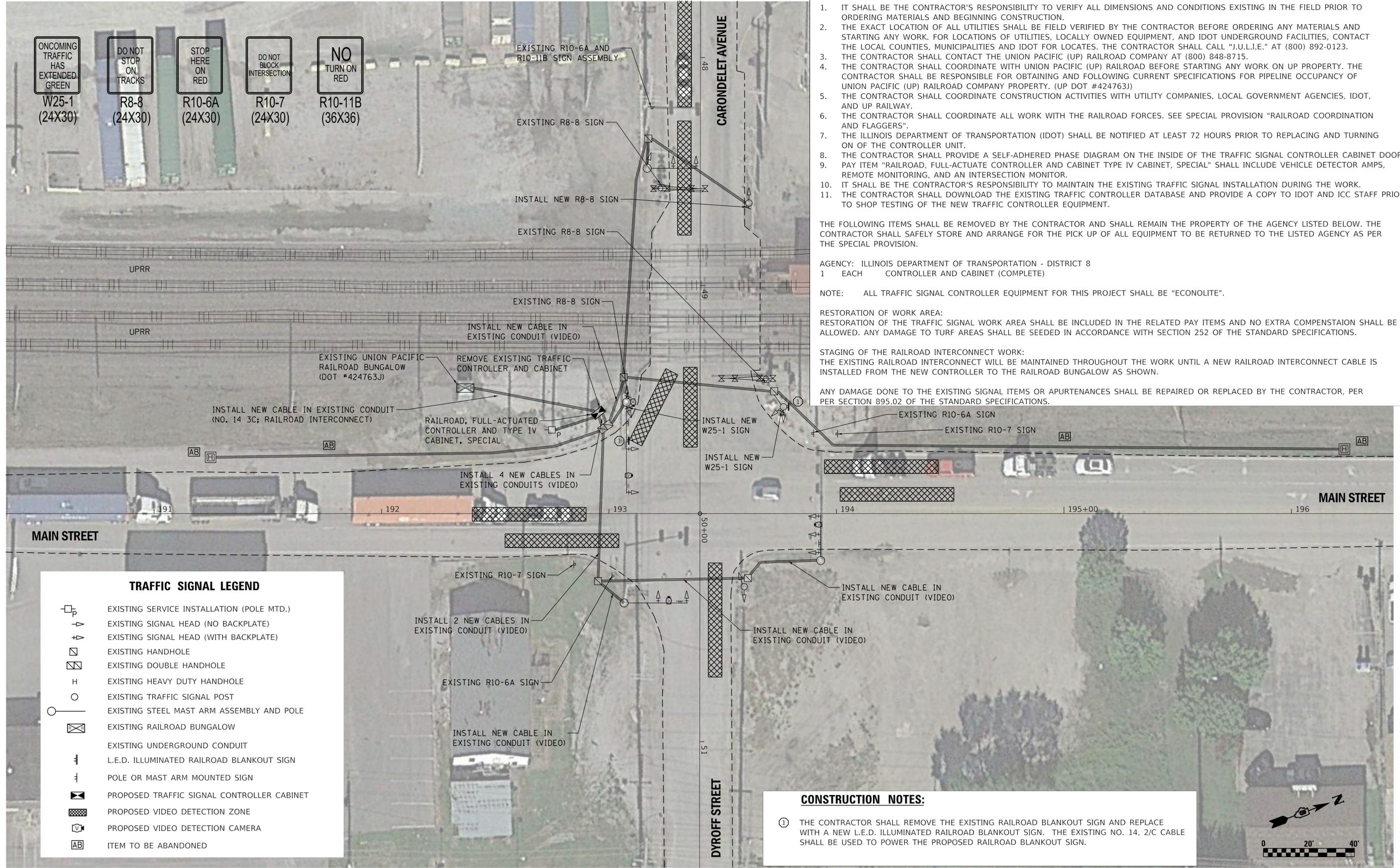
ILLINOIS FED. AID PROJECT

* VARIOUS ** VARIOUS *** MADISON / ST CLAIR

MODEL: Monsanto_CableDiagram.dwg
FILE NAME: S:\PROJECTS\2020\176\803121S\176-0032-ITE-1\DOT_DB_Signals\ITE-1\DOT_DB_Signals.dwg

LOCHMUELLER GROUP
1928 SRA BRADLEY R. SMITH DR
ROY, ILLINOIS 62294
P (618) 667-1400 F (618) 667-1401
WWW.LOCHGROUP.COM

USER NAME = Synchro	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000" / in.	CHECKED -	REVISED -
PLOT DATE = 3/5/2020	DATE -	REVISED -



TRAFFIC SIGNAL GENERAL NOTES

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
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3. THE CONTRACTOR SHALL CONTACT THE UNION PACIFIC (UP) RAILROAD COMPANY AT (800) 848-8715.
4. THE CONTRACTOR SHALL COORDINATE WITH UNION PACIFIC (UP) RAILROAD BEFORE STARTING ANY WORK ON UP PROPERTY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND FOLLOWING CURRENT SPECIFICATIONS FOR PIPELINE OCCUPANCY OF UNION PACIFIC (UP) RAILROAD COMPANY PROPERTY. (UP DOT #424763J)
5. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES, IDOT, AND UP RAILWAY.
6. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH THE RAILROAD FORCES. SEE SPECIAL PROVISION "RAILROAD COORDINATION AND FLAGGERS".
7. THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) SHALL BE NOTIFIED AT LEAST 72 HOURS PRIOR TO REPLACING AND TURNING ON OF THE CONTROLLER UNIT.
8. THE CONTRACTOR SHALL PROVIDE A SELF-ADHERED PHASE DIAGRAM ON THE INSIDE OF THE TRAFFIC SIGNAL CONTROLLER CABINET DOOR.
9. PAY ITEM "RAILROAD, FULL-ACTUATE CONTROLLER AND CABINET TYPE IV CABINET, SPECIAL" SHALL INCLUDE VEHICLE DETECTOR AMPS, REMOTE MONITORING, AND AN INTERSECTION MONITOR.
10. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE EXISTING TRAFFIC SIGNAL INSTALLATION DURING THE WORK.
11. THE CONTRACTOR SHALL DOWNLOAD THE EXISTING TRAFFIC SIGNAL CONTROLLER DATABASE AND PROVIDE A COPY TO IDOT AND ICC STAFF PRIOR TO SHOP TESTING OF THE NEW TRAFFIC CONTROLLER EQUIPMENT.

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR THE PICK UP OF ALL EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY AS PER THE SPECIAL PROVISION.

AGENCY: ILLINOIS DEPARTMENT OF TRANSPORTATION - DISTRICT 8
 1 EACH CONTROLLER AND CABINET (COMPLETE)

NOTE: ALL TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE".

RESTORATION OF WORK AREA:
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STAGING OF THE RAILROAD INTERCONNECT WORK:
 THE EXISTING RAILROAD INTERCONNECT WILL BE MAINTAINED THROUGHOUT THE WORK UNTIL A NEW RAILROAD INTERCONNECT CABLE IS INSTALLED FROM THE NEW CONTROLLER TO THE RAILROAD BUNGALOW AS SHOWN.

ANY DAMAGE DONE TO THE EXISTING SIGNAL ITEMS OR APURTENANCES SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR, PER PER SECTION 895.02 OF THE STANDARD SPECIFICATIONS.

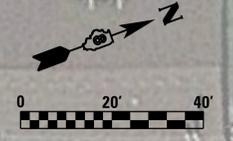
- ONCOMING TRAFFIC HAS EXTENDED GREEN
W25-1 (24X30)
- DO NOT STOP ON TRACKS
R8-8 (24X30)
- STOP HERE ON RED
R10-6A (24X30)
- DO NOT BLOCK INTERSECTION
R10-7 (24X30)
- NO TURN ON RED
R10-11B (36X36)

TRAFFIC SIGNAL LEGEND

	EXISTING SERVICE INSTALLATION (POLE MTD.)
	EXISTING SIGNAL HEAD (NO BACKPLATE)
	EXISTING SIGNAL HEAD (WITH BACKPLATE)
	EXISTING HANDHOLE
	EXISTING DOUBLE HANDHOLE
	EXISTING HEAVY DUTY HANDHOLE
	EXISTING TRAFFIC SIGNAL POST
	EXISTING STEEL MAST ARM ASSEMBLY AND POLE
	EXISTING RAILROAD BUNGALOW
	EXISTING UNDERGROUND CONDUIT
	L.E.D. ILLUMINATED RAILROAD BLANKOUT SIGN
	POLE OR MAST ARM MOUNTED SIGN
	PROPOSED TRAFFIC SIGNAL CONTROLLER CABINET
	PROPOSED VIDEO DETECTION ZONE
	PROPOSED VIDEO DETECTION CAMERA
	ITEM TO BE ABANDONED

CONSTRUCTION NOTES:

① THE CONTRACTOR SHALL REMOVE THE EXISTING RAILROAD BLANKOUT SIGN AND REPLACE WITH A NEW L.E.D. ILLUMINATED RAILROAD BLANKOUT SIGN. THE EXISTING NO. 14, 2/C CABLE SHALL BE USED TO POWER THE PROPOSED RAILROAD BLANKOUT SIGN.



MODEL: D:\projects\2019 Projects\19-0032-ITE - IDOT DB Signposts On-call\1100 #2\CAD\Sheets.dgn
 FILE NAME: SUP\03032019 Projects\19-0032-ITE - IDOT DB Signposts On-call\1100 #2\CAD\Sheets.dgn



USER NAME = Synchro	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/5/2020	CHECKED -	REVISED -
	DATE -	REVISED -

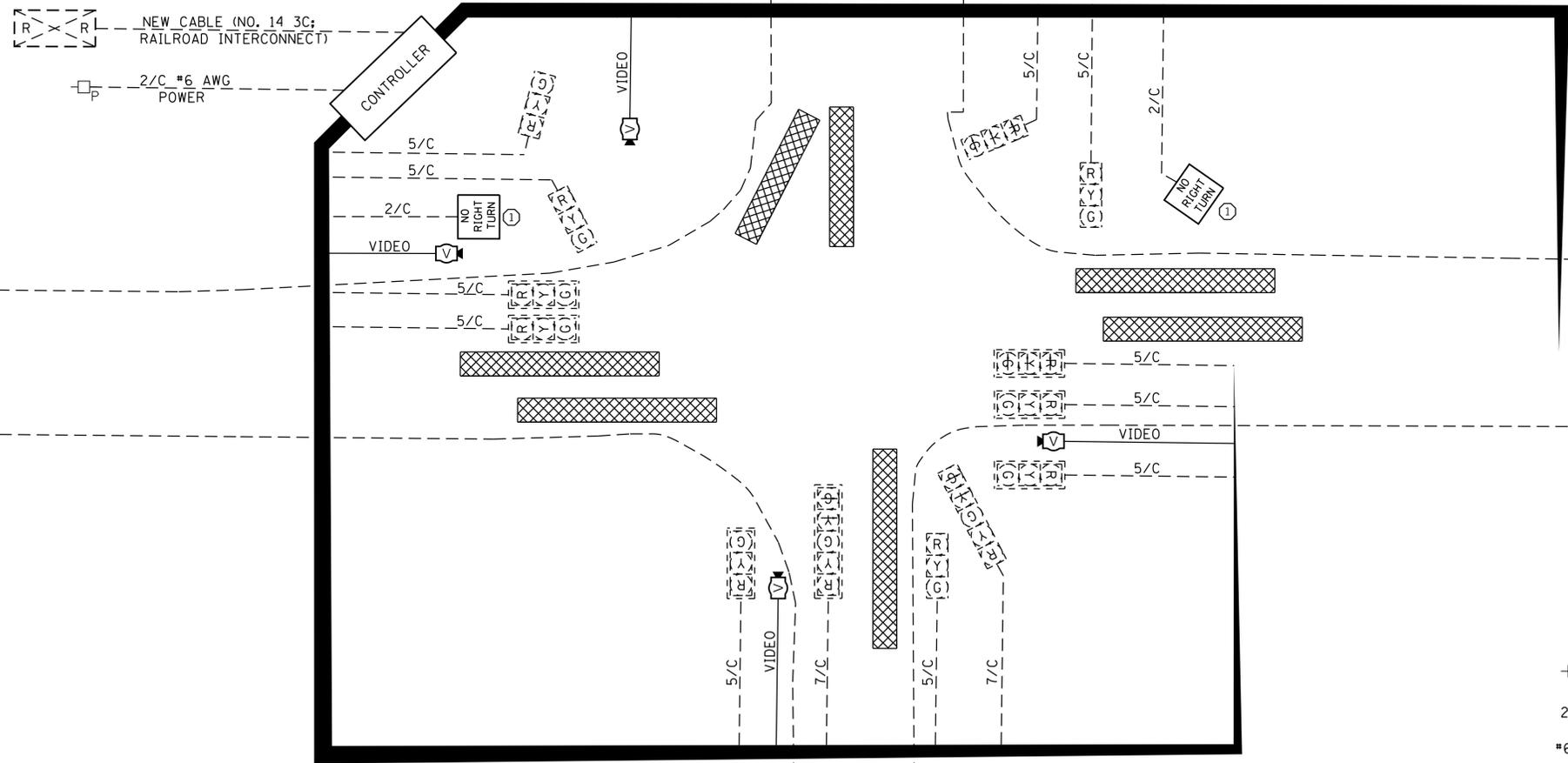
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MODIFICATION PLAN
 FRA CROSSING #424763J
 MAIN STREET & DYROFF STREET /CARONDELET AVENUE (DUPO, IL)**

SCALE: 1"=20' SHEET 1 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	RR INTERCONNECT 2020	***	23	20
CONTRACT NO. 76N52				

ILLINOIS FED. AID PROJECT
 * VARIOUS ** VARIOUS *** MADISON / ST CLAIR



MAIN STREET

MAIN STREET

CARONDELET AVENUE

DYROFF STREET

CONSTRUCTION NOTES:

① THE CONTRACTOR SHALL REMOVE THE EXISTING RAILROAD BLANKOUT SIGN AND REPLACE WITH A NEW L.E.D. ILLUMINATED RAILROAD BLANKOUT SIGN. THE EXISTING NO. 14, 2/C CABLE SHALL BE USED TO POWER THE PROPOSED RAILROAD BLANKOUT SIGN.

TRAFFIC SIGNAL LEGEND

- EXISTING SERVICE INSTALLATION (POLE MTD.)
- 2/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- #6 INDICATES AMERICAN WIRE GAUGE (AWG) SIZE, 6 CONDUCTORS
- ELECTRIC CABLE IN CONDUIT
- - - EXISTING ELECTRIC CABLE IN CONDUIT
- PROPOSED L.E.D. ILLUMINATED RAILROAD BLANKOUT SIGN
- PROPOSED VIDEO DETECTION CAMERA
- PROPOSED VIDEO DETECTION ZONE

MODEL: D:\mfr_CableDiagram.dwg
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USER NAME = Synchro	DESIGNED -	REVISED -
PLOT SCALE = 20.0000" / in.	DRAWN -	REVISED -
PLOT DATE = 3/5/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE DIAGRAM
FRA CROSSING #424763J
MAIN STREET & DYROFF STREET /CARONDELET AVENUE (DUPO, IL)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	RR INTERCONNECT 2020	***	23	21
			CONTRACT NO. 76N52	
ILLINOIS FED. AID PROJECT				

SCALE: NTS SHEET 2 OF 4 SHEETS STA. TO STA.

* VARIOUS ** VARIOUS *** MADISON / ST CLAIR

