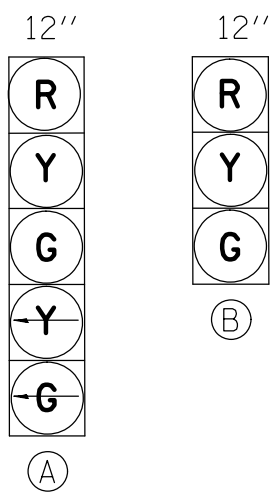


SEE CABLE DIAGRAM FOR "SCHEDULE OF QUANTITIES"



PROPOSED TRAFFIC SIGNAL FACES

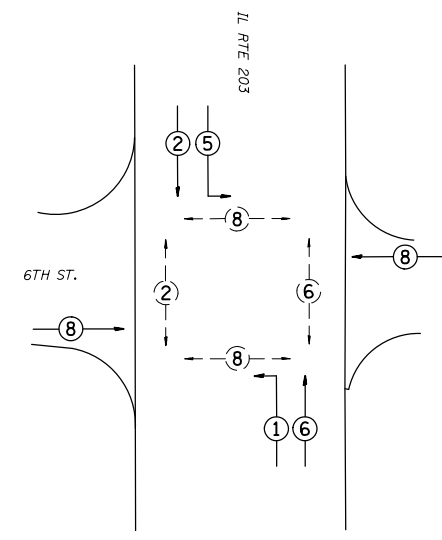
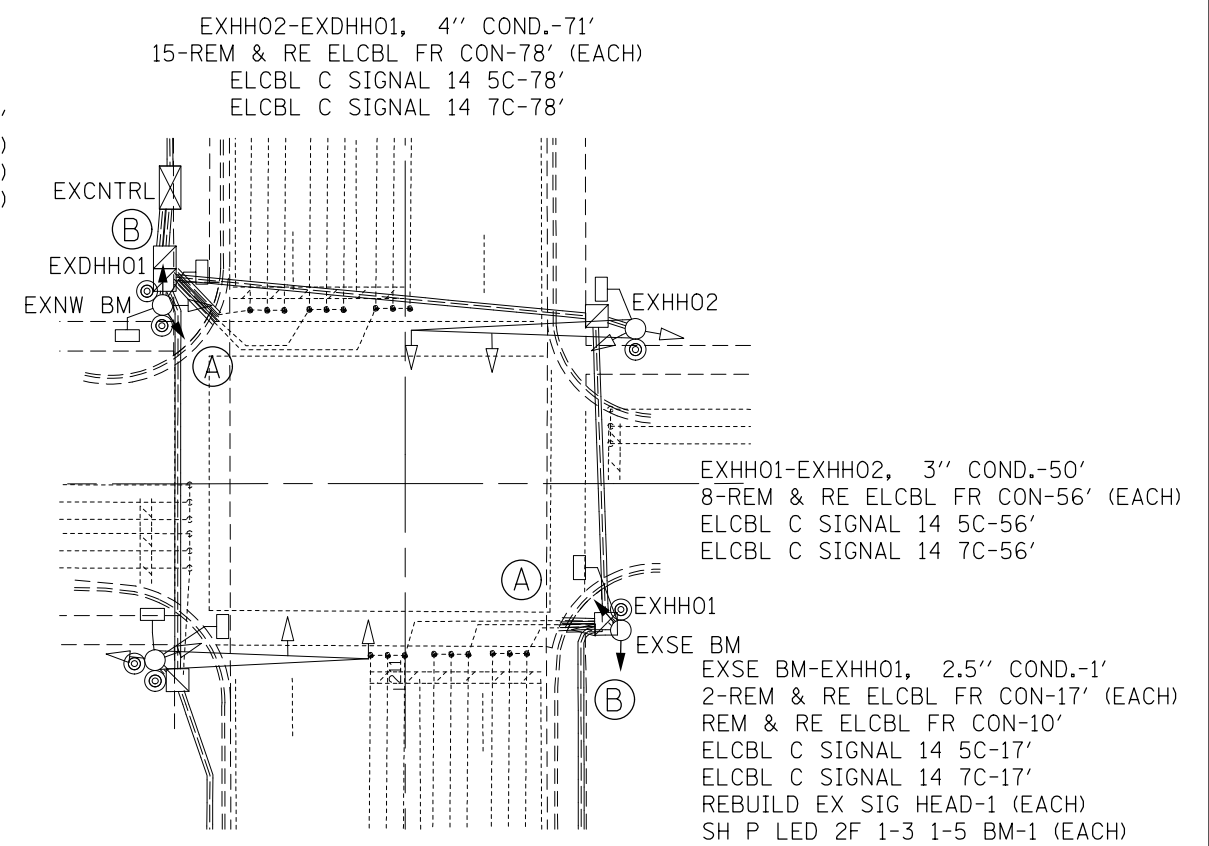
EXISTING FULL-ACTUATED CONTROLLER

EXISTING SEQUENCE OF OPERATION

PHASE	1	2	3	4	5	6	7	8
MOVEMENT	↙	↕*	NOT USED	NOT USED	↘	↕*	NOT USED	↔*
CONCURRENT MOVEMENT PERMITTED	5 OR 6	5 OR 6			1 OR 2	1 OR 2		NONE

\* PEDSTRIAN MOVEMENT ON ACTUATION ONLY

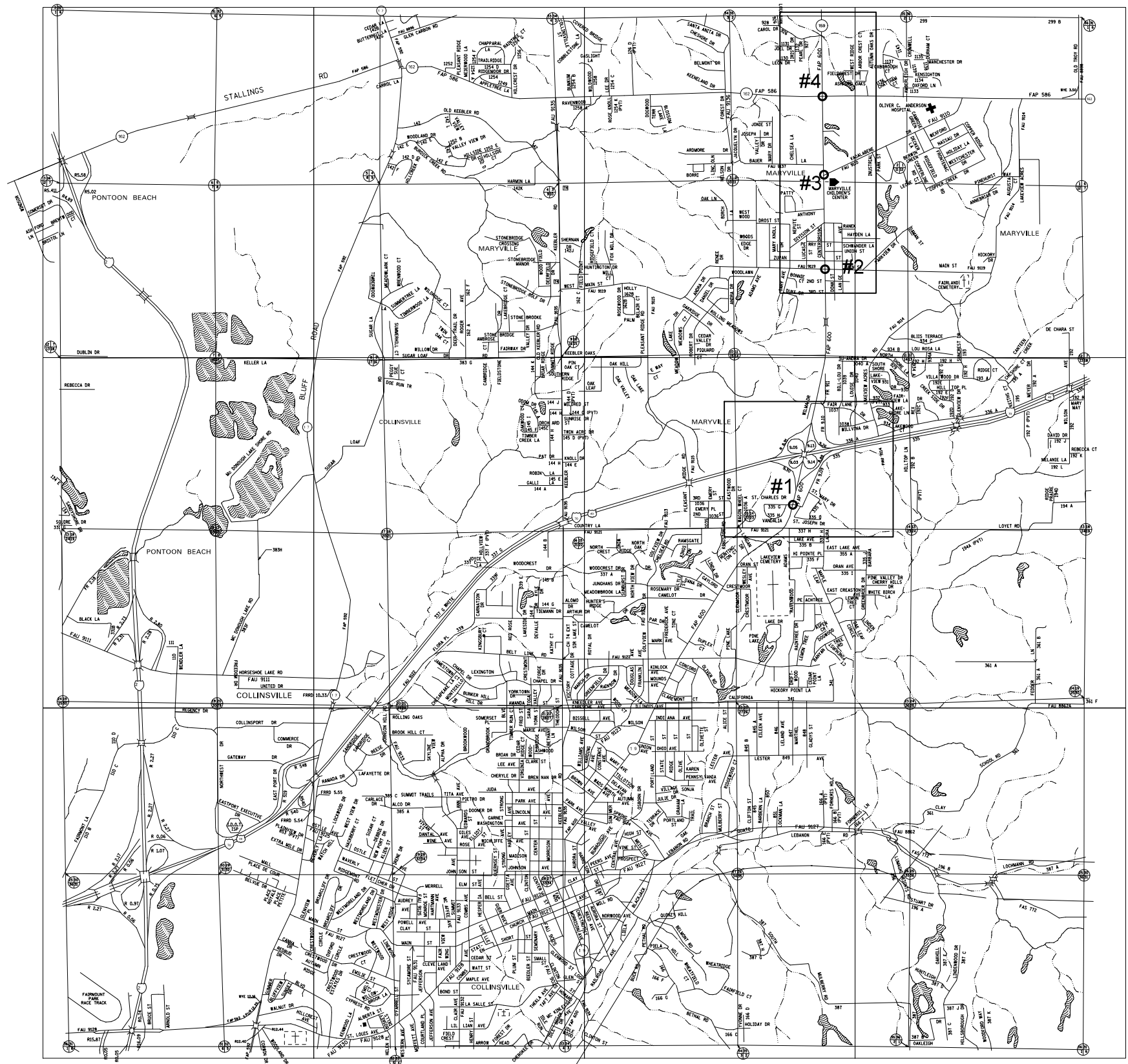
- EXDHH01-EXCNTRL, 2-4" COND.-6'  
33-REM & RE ELCBL FR CON-22' (EACH)  
2-ELCBL C SIGNAL 14 5C-22' (EACH)  
2-ELCBL C SIGNAL 14 7C-22' (EACH)
- EXNW BM-EXDHH01, 2.5" COND.-1'  
3-REM & RE ELCBL FR CON-17' (EACH)  
2-REM & RE ELCBL FR CON-10' (EACH)  
ELCBL C SIGNAL 14 5C-17'  
ELCBL C SIGNAL 14 7C-17'  
REBUILD EX SIG HEAD-1 (EACH)  
SH P LED 2F 1-3 1-5 BM-1 (EACH)



PHASE DESIGNATION DIAGRAM







#2 IL 159 & MAIN  
 #3 IL 159 & VADALEBENE  
 #4 IL 159 & IL 162

#1 IL 159 & ST CHARLES

\*\*-MADISON & ST. CLAIR

FILE NAME =	USER NAME = prestone	DESIGNED -	REVISED -
pw:\IL084EBIDINTEG.illinois.gov\PIDOT\Documents\DOT Offices\District 8\Projects\0876\DRAWING\data\EA0sheets\0876J22-sht-tsplo		CHECKED -	REVISED -
		DATE -	REVISED -

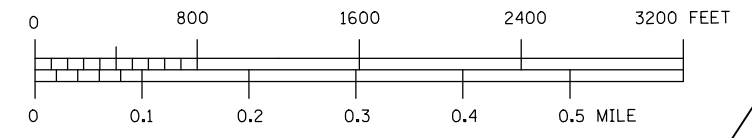
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

LOCATION MAP  
 MARYVILLE, MADISON CNTY.  
 1 OF 2

SCALE: SHEET NO. OF SHEETS STA. TO STA.

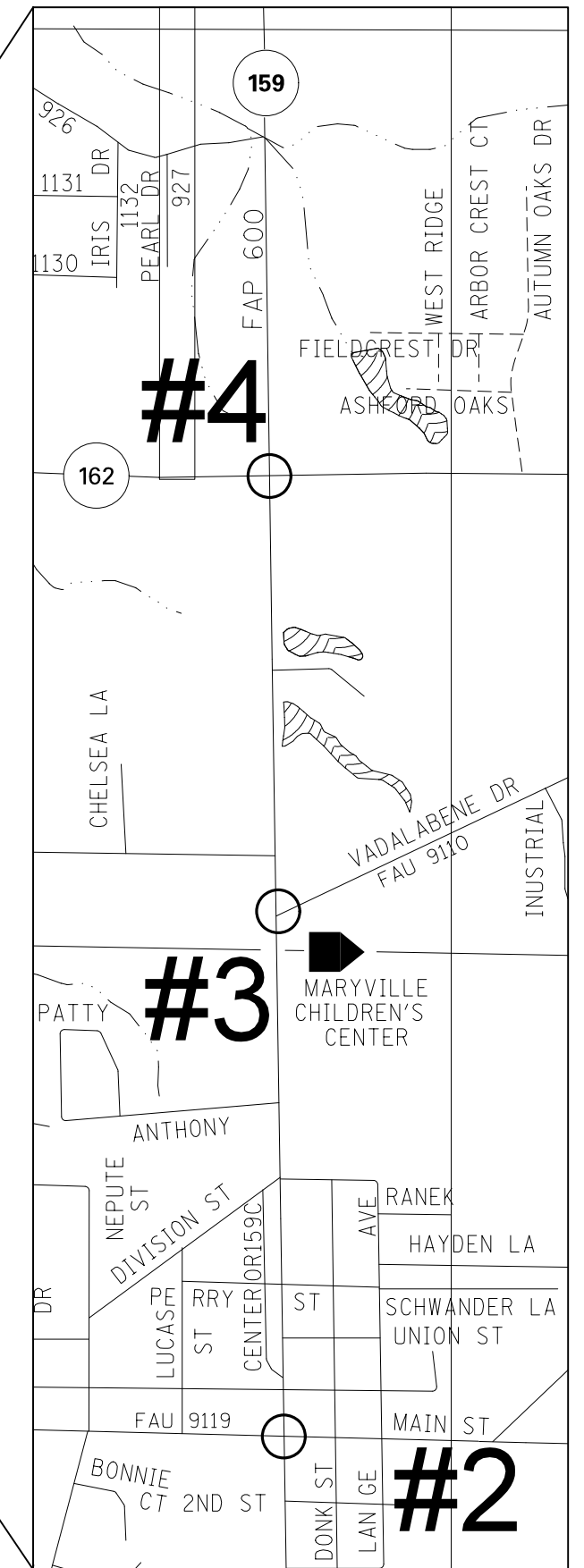
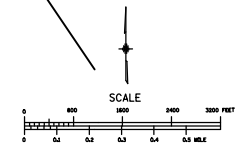
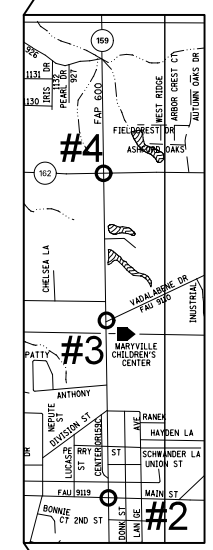
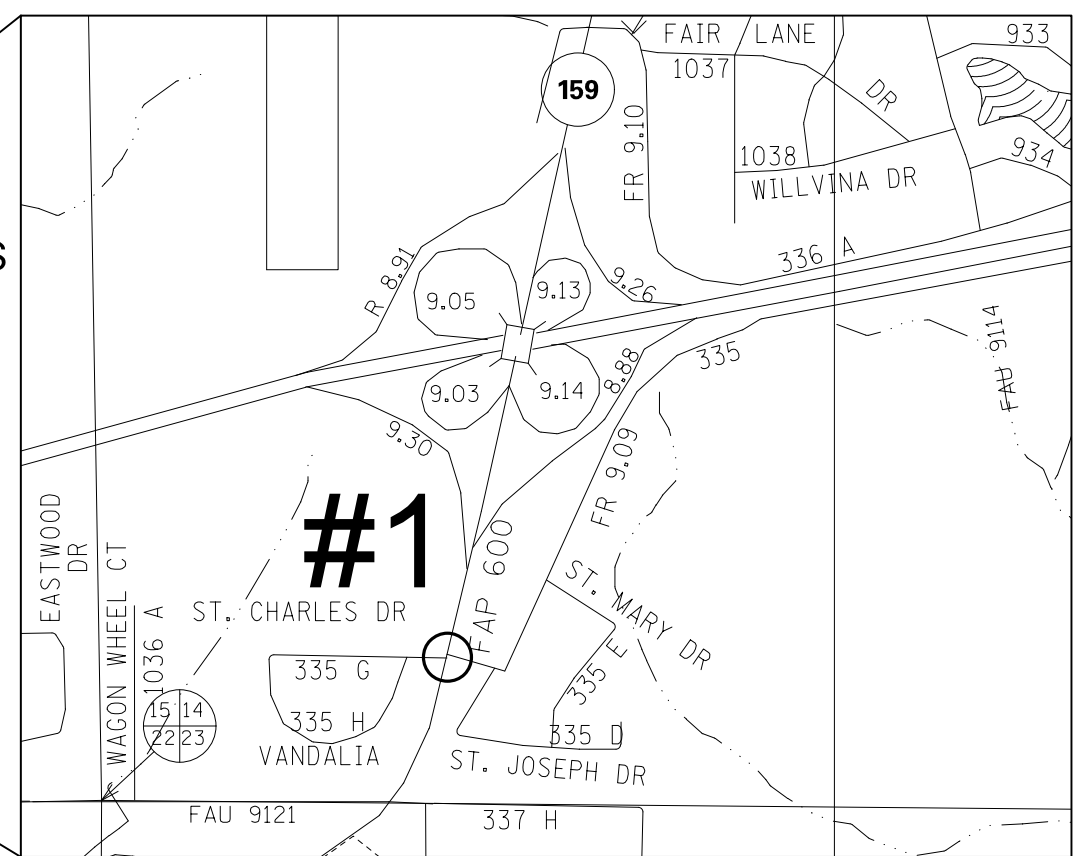
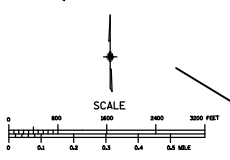
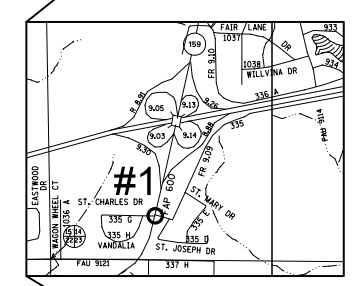
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•	DIST 8 TS 2017-1	**	136	103
**=VARIOUS			CONTRACT NO. 76J22	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SCALE



#2 IL 159 & MAIN  
#3 IL 159 & VADALEBENE  
#4 IL 159 & IL 162

#1 IL 159 & ST CHARLES



FILE NAME =	USER NAME = prestone	DESIGNED -	REVISED -
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	PLOT DATE = 10/21/2016	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

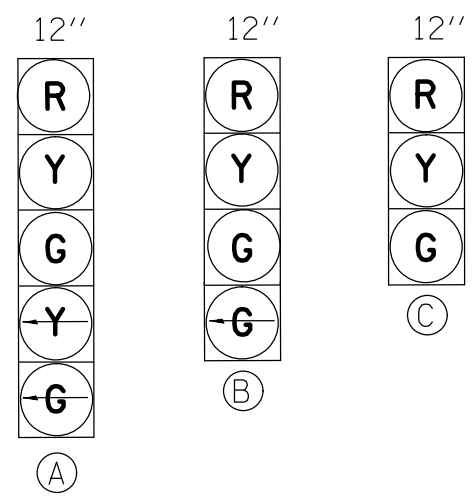
LOCATION MAP  
MARYVILLE, MADISON CNTY.  
2 OF 2

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•		DIST 8 TS 2017-1	**	136	104
•=VARIOUS				CONTRACT NO. 76J22	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

\*\*\*MADISON & ST. CLAIR

SEE CABLE DIAGRAM FOR "SCHEDULE OF QUANTITIES"



PROPOSED TRAFFIC SIGNAL FACES

EXISTING FULL-ACTUATED CONTROLLER								
EXISTING SEQUENCE OF OPERATION								
PHASE	1	2	3	4	5	6	7	8
MOVEMENT	↘	↙	↗	↖	↘	↙	NOT USED	NOT USED
CONCURRENT MOVEMENT PERMITTED	5 OR 6	5 OR 6	NONE	NONE	1 OR 2	1 OR 2		

EXHH02-EXDHH01, 2.5" COND.-103'  
 11-REM & RE ELCBL FR CON-116'(EACH)  
 2-ELCBL C SIGNAL 14 5C-116'(EACH)  
 2-ELCBL C SIGNAL 14 7C-116'(EACH)

EXNW BM-EXHH02, 2" COND.-2'  
 REM & RE ELCBL FR CON-66'  
 REM & RE ELCBL FR CON-46'  
 ELCBL C SIGNAL 14 5C-18'  
 ELCBL C SIGNAL 14 7C-18'  
 SH P LED 2F 1-3 1-5 BM-1(EACH)

EXHH01-EXHH02, 2" COND.-88'  
 3-REM & RE ELCBL FR CON-95' (EACH)  
 ELCBL C SIGNAL 14 5C-95'  
 ELCBL C SIGNAL 14 7C-95'

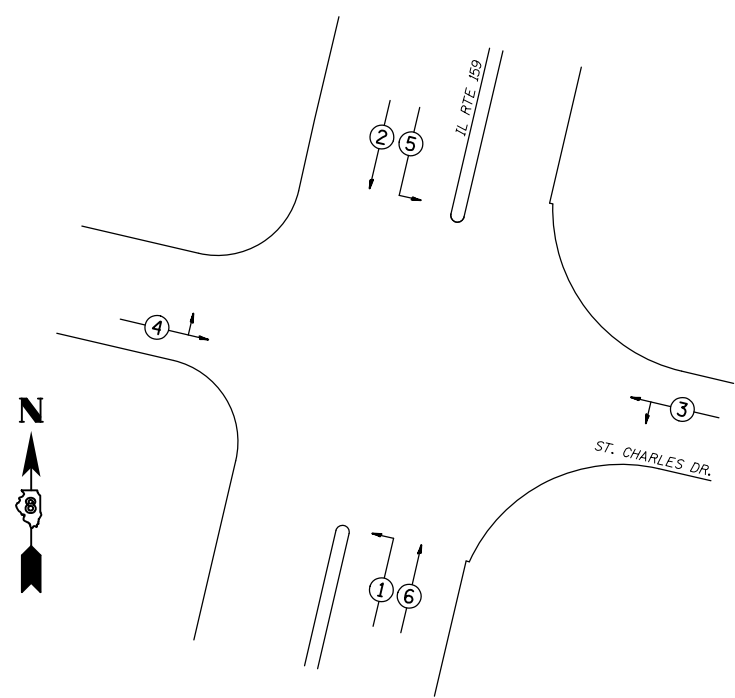
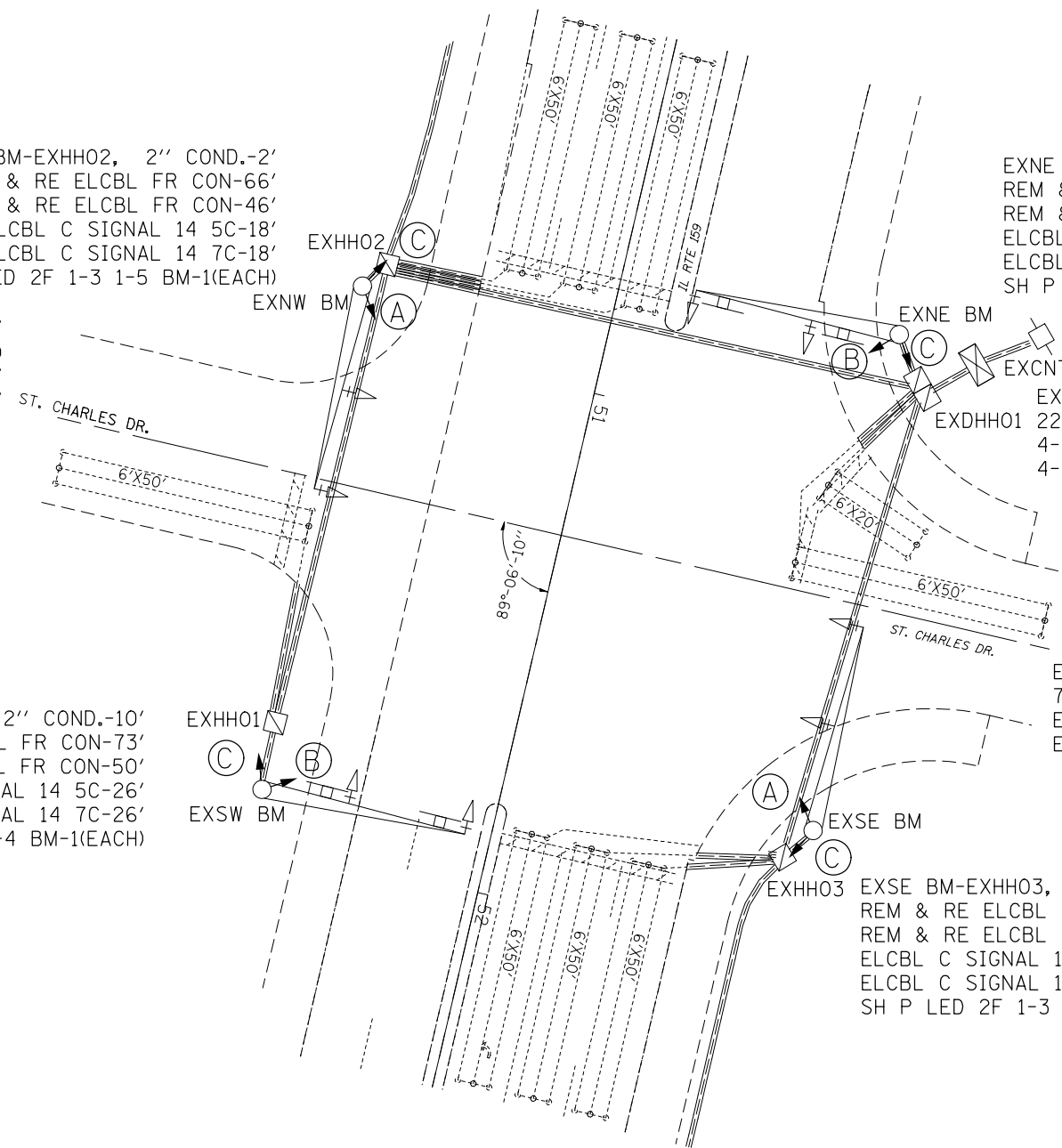
EXNE BM-EXDHH01, 2" COND.-6'  
 REM & RE ELCBL FR CON-69'  
 REM & RE ELCBL FR CON-46'  
 ELCBL C SIGNAL 14 5C-22'  
 ELCBL C SIGNAL 14 7C-22'  
 SH P LED 2F 1-3 1-4 BM-1(EACH)

EXDHH01-EXCNTRL, 4" COND.-8'  
 EXDHH01 22-REM & RE ELCBL FR CON-14' (EACH)  
 4-ELCBL C SIGNAL 14 5C-14' (EACH)  
 4-ELCBL C SIGNAL 14 7C-14' (EACH)

EXSW BM-EXHH01, 2" COND.-10'  
 REM & RE ELCBL FR CON-73'  
 REM & RE ELCBL FR CON-50'  
 ELCBL C SIGNAL 14 5C-26'  
 ELCBL C SIGNAL 14 7C-26'  
 SH P LED 2F 1-3 1-4 BM-1(EACH)

EXHH03-EXDHH01, 3" COND.-90'  
 7-REM & RE ELCBL FR CON-103' (EACH)  
 ELCBL C SIGNAL 14 7C-103'  
 ELCBL C SIGNAL 14 7C-103'

EXSE BM-EXHH03, 2" COND.-4'  
 REM & RE ELCBL FR CON-68'  
 REM & RE ELCBL FR CON-48'  
 ELCBL C SIGNAL 14 5C-20'  
 ELCBL C SIGNAL 14 7C-20'  
 SH P LED 2F 1-3 1-5 BM-1(EACH)



PHASE DESIGNATION DIAGRAM

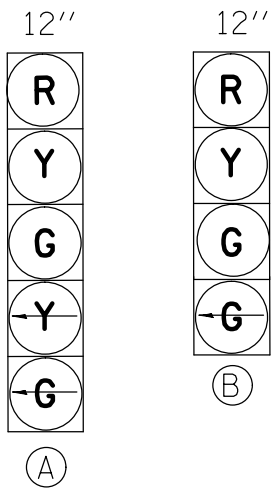


\*\*\*MADISON & ST. CLAIR

FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL 159 &amp; ST CHARLES (MARYVILLE, MADISON CNTY.) TRAFFIC SIGNAL PLAN</b>				RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN					REVISED -	SCALE:				• DIST 8 TS 2017-1	**	136	105
PLOT SCALE = 33.3333 ' / in.					CHECKED -	REVISED -	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 76J22		
PLOT DATE = 10/21/2016					DATE -	REVISED -	FED. ROAD DIST. NO.   ILLINOIS   FED. AID PROJECT						



SEE CABLE DIAGRAM FOR "SCHEDULE OF QUANTITIES"

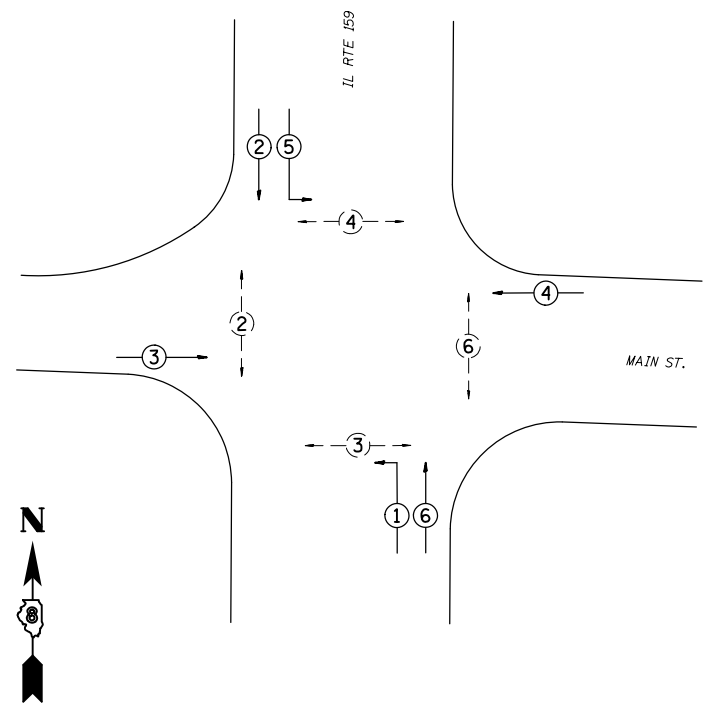


PROPOSED TRAFFIC SIGNAL FACES

EXISTING FULL-ACTUATED CONTROLLER

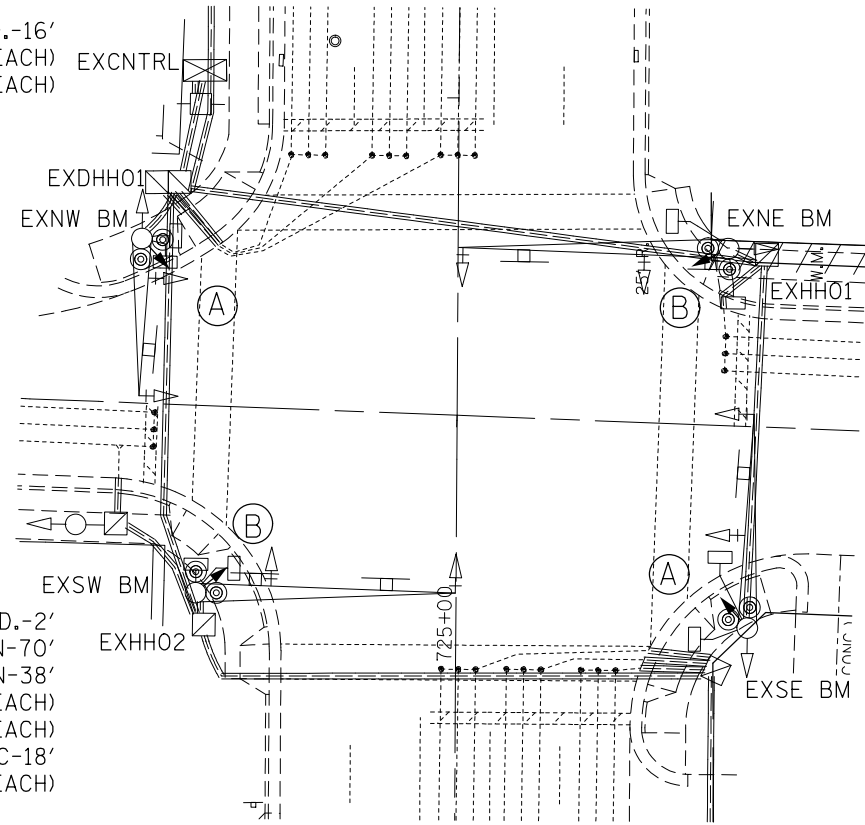
EXISTING SEQUENCE OF OPERATION								
PHASE	1	2	3	4	5	6	7	8
MOVEMENT	↖	↕*	↗	↔	↘	↕*	NOT USED	NOT USED
CONCURRENT MOVEMENT PERMITTED	5 OR 6	5 OR 6	4	8	1 OR 2	1 OR 2		

\* PEDSTRIAN MOVEMENT ON ACTUATION ONLY



PHASE DESIGNATION DIAGRAM

- EXHHO1-EXDHHO1, 2" COND.-99'  
15-REM & RE ELCBL FR CON-105' (EACH)  
2-ELCBL C SIGNAL 14 7C-105' (EACH)
- EXDHHO1-EXCNTRL, 4" COND.-16'  
40-REM & RE ELCBL FR CON-32' (EACH)  
4-ELCBL C SIGNAL 14 7C-32' (EACH)
- EXNW BM-EXDHHO1, 2" COND.-17'  
REM & RE ELCBL FR CON-68'  
REM & RE ELCBL FR CON-47'  
3-REM & RE ELCBL FR CON-33' (EACH)  
2-REM & RE ELCBL FR CON-26' (EACH)  
ELCBL C SIGNAL 14 7C-33'  
REBUILD EX SIG HEAD-1 (EACH)  
SH P LED 1F 1-5 BM-1 (EACH)
- EXHHO2-EXDHHO1, 2" COND.-74'  
13-REM & RE ELCBL FR CON-80' (EACH)  
ELCBL C SIGNAL 14 7C-80'
- EXSW BM-EXHHO2, 2" COND.-2'  
REM & RE ELCBL FR CON-70'  
REM & RE ELCBL FR CON-38'  
2-REM & RE ELCBL FR CON-18' (EACH)  
2-REM & RE ELCBL FR CON-11' (EACH)  
ELCBL C SIGNAL 14 7C-18'  
SH P LED 1F 1-4 BM-1 (EACH)



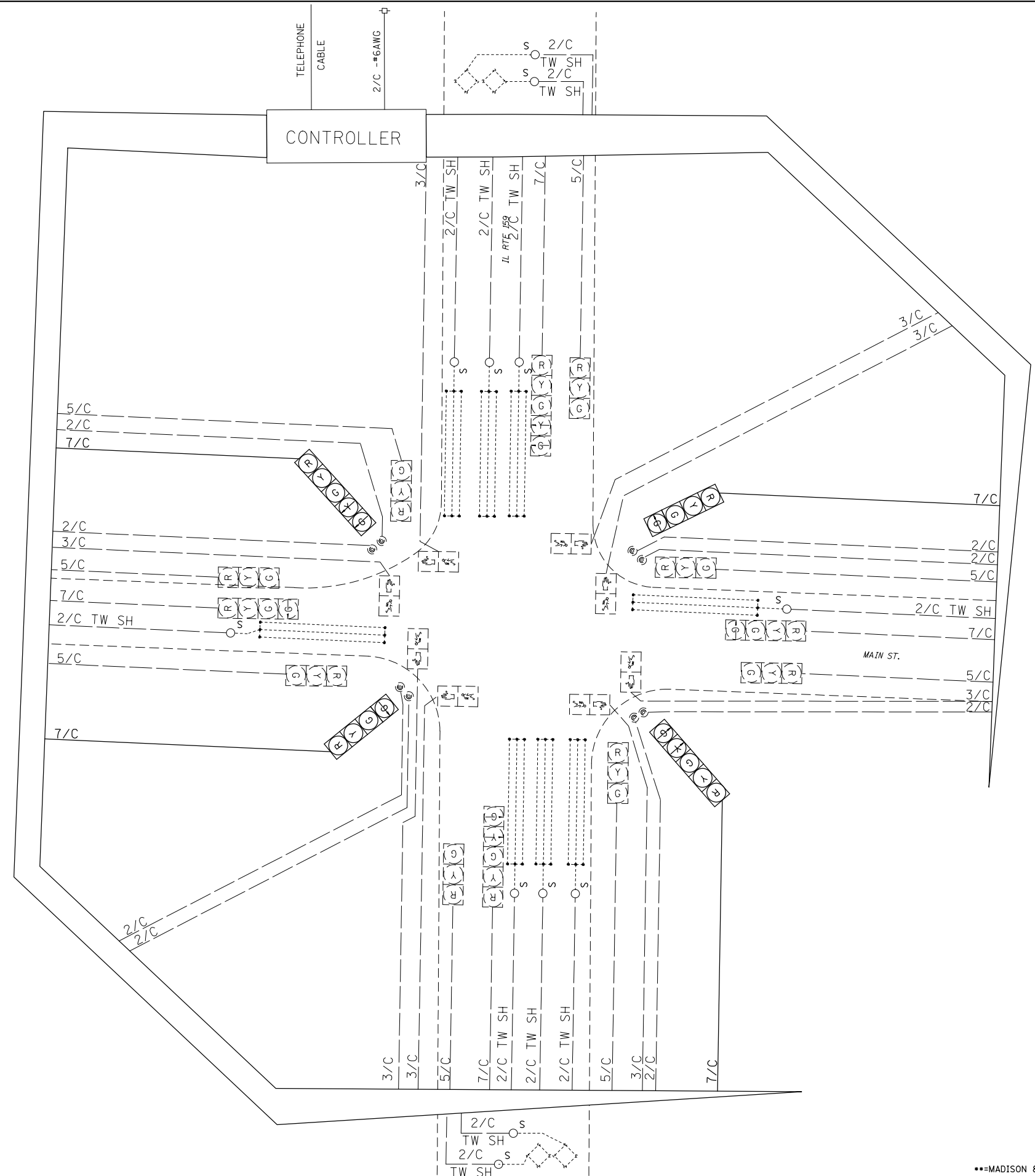
- EXNE BM-EXHHO1, 2" COND.-4'  
REM & RE ELCBL FR CON-73'  
REM & RE ELCBL FR CON-42'  
3-REM & RE ELCBL FR CON-20' (EACH)  
2-REM & RE ELCBL FR CON-13' (EACH)  
ELCBL C SIGNAL 14 7C-20'  
REBUILD EX SIG HEAD-1 (EACH)  
SH P LED 1F 1-4 BM-1 (EACH)
- EXSE BM-EXHHO1, 2" COND.-61'  
REM & RE ELCBL FR CON-121'  
REM & RE ELCBL FR CON-100'  
3-REM & RE ELCBL FR CON-77' (EACH)  
2-REM & RE ELCBL FR CON-70' (EACH)  
ELCBL C SIGNAL 14 7C-77'  
REBUILD EX SIG HEAD-1 (EACH)  
SH P LED 1F 1-5 BM-1 (EACH)



\*\*\*MADISON & ST. CLAIR

### CABLE DIAGRAM LEGEND

- PROPOSED ELECTRIC CABLE IN CONDUIT
- - - EXISTING ELECTRIC CABLE IN CONDUIT
- S EXISTING CABLE SPLICE
- 2/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- TW SH TWISTED AND SHIELDED CABLE
- #6 INDICATES AMERICAN WIRE GAUGE (AWG) SIZE 6 CONDUCTOR
- EXISTING SERVICE INSTALLATION



SCHEDULE OF QUANTITIES			
CODE NO.	ITEM	UNIT	QTY.
70102637	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	EACH	1
70102642	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	EACH	1
87301755	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	567
88040110	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	2
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
89502100	REBUILD EXISTING SIGNAL HEAD	EACH	3
89502200	MODIFY EXISTING CONTROLLER	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	5082

FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -
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	PLOT SCALE = 33.3333 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/21/2016	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 159 & MAIN (MARYVILLE, MADISON CNTY.)  
WIRING DIAGRAM

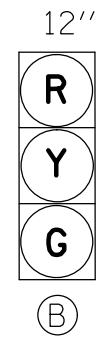
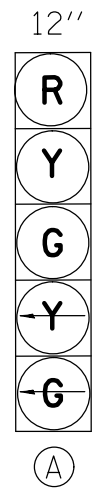
SCALE: SHEET NO. OF SHEETS STA. TO STA.

RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•		DIST 8 TS 2017-1	**	136	108
**=VARIOUS				CONTRACT NO. 76J22	
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT	

\*\*=MADISON & ST. CLAIR



SEE CABLE DIAGRAM FOR "SCHEDULE OF QUANTITIES"

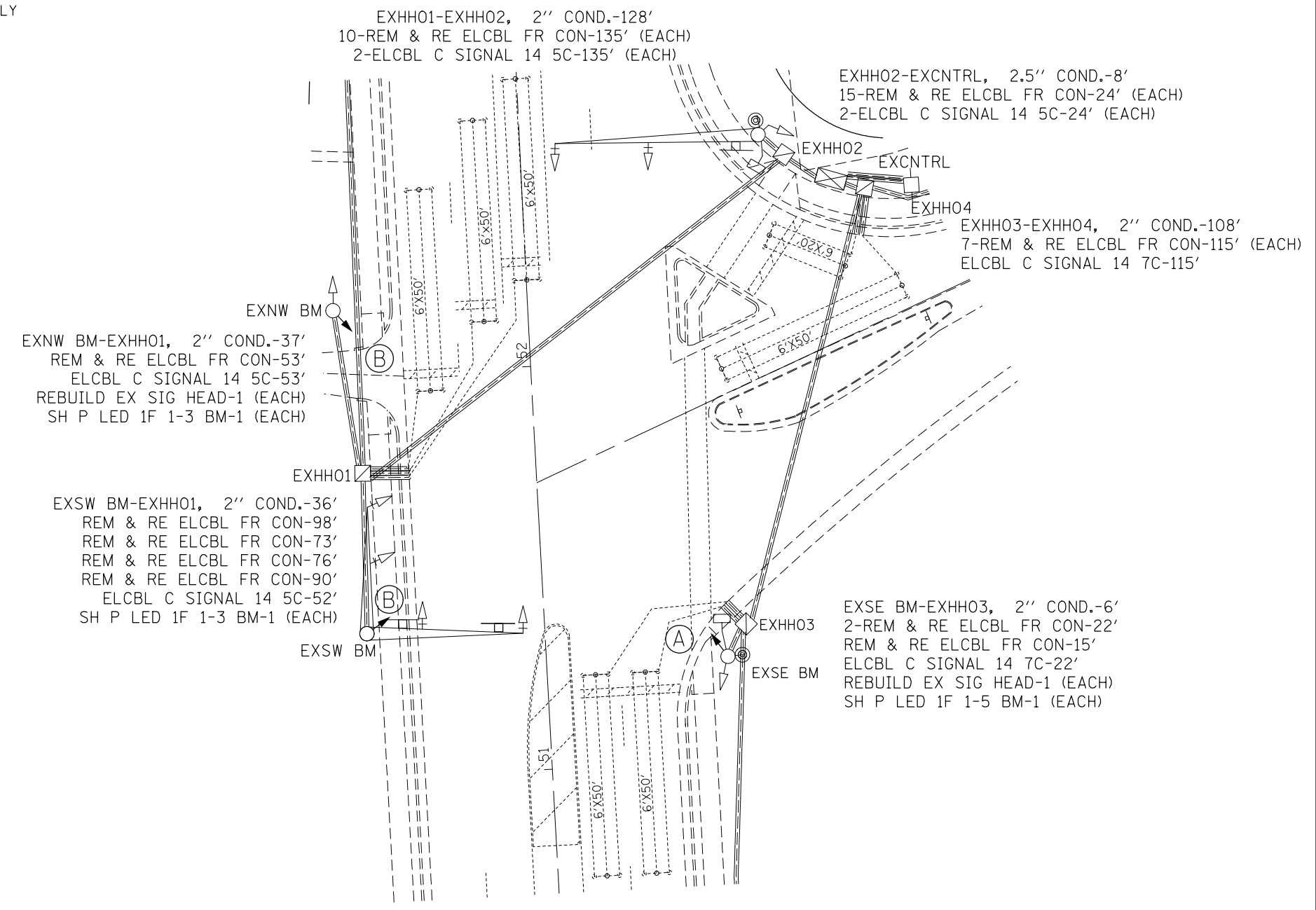
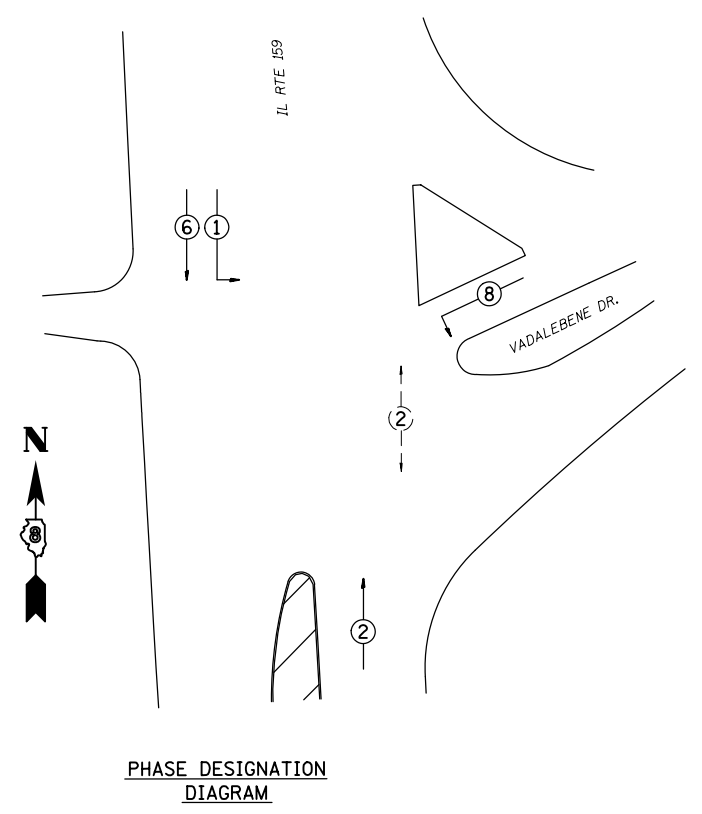


EXISTING FULL-ACTUATED CONTROLLER

EXISTING SEQUENCE OF OPERATION

PHASE	1	2	3	4	5	6	7	8
MOVEMENT	L	↑↑*	NOT USED	NOT USED	NOT USED	↓	NOT USED	↖
CONCURRENT MOVEMENT PERMITTED	6	6				2		NONE


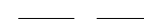
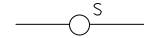

\* PEDSTRIAN MOVEMENT ON ACTUATION ONLY

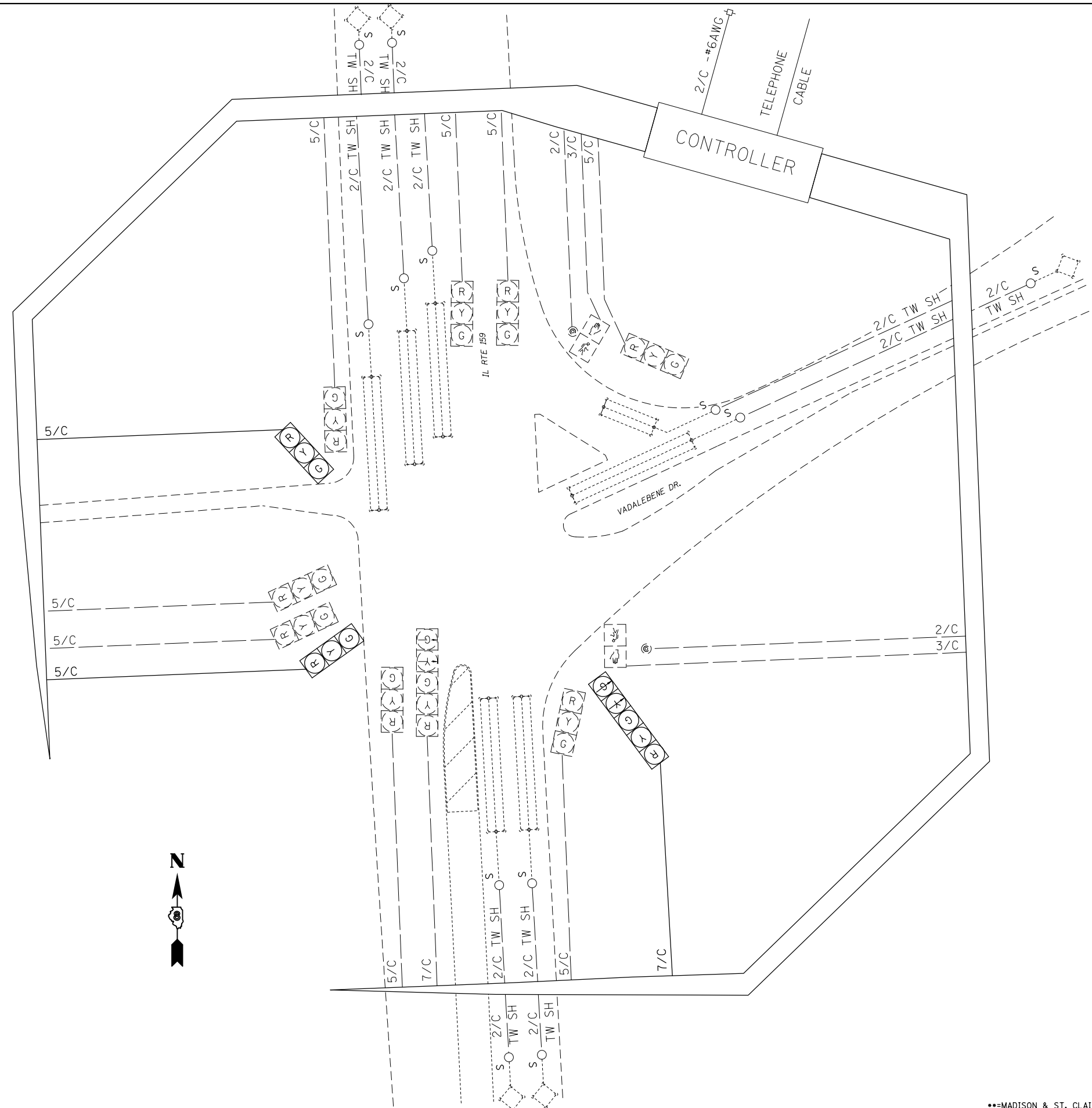


\*\*=MADISON & ST. CLAIR

FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL 159 &amp; VADALEBENE (MARYVILLE, MADISON CNTY.) TRAFFIC SIGNAL PLAN</b>	RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
\\IL084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 8\Projects\0875\0875-Data\EADsheets\0876J22-sht-tsp10	DESIGNED -	REVISED -	•			DIST 8 TS 2017-1	**	136	109	
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PLOT DATE = 10/21/2016	DATE -	REVISED -	FED. ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT			

### CABLE DIAGRAM LEGEND

-  PROPOSED ELECTRIC CABLE IN CONDUIT
-  EXISTING ELECTRIC CABLE IN CONDUIT
-  EXISTING CABLE SPLICE
- 2/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- TW SH TWISTED AND SHIELDED CABLE
- #6 INDICATES AMERICAN WIRE GAUGE (AWG) SIZE 6 CONDUCTOR
-  EXISTING SERVICE INSTALLATION



#### SCHEDULE OF QUANTITIES

CODE NO.	ITEM	UNIT	QTY.
70102637	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	EACH	1
70102642	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	EACH	1
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	369
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	156
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
89502100	REBUILD EXISTING SIGNAL HEAD	EACH	1
89502200	MODIFY EXISTING CONTROLLER	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	3093

FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -
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	PLOT DATE = 10/21/2016	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 159 & VADALEBENE (MARYVILLE, MADISON CNTY.)  
WIRING DIAGRAM


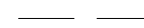
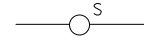
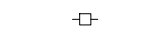
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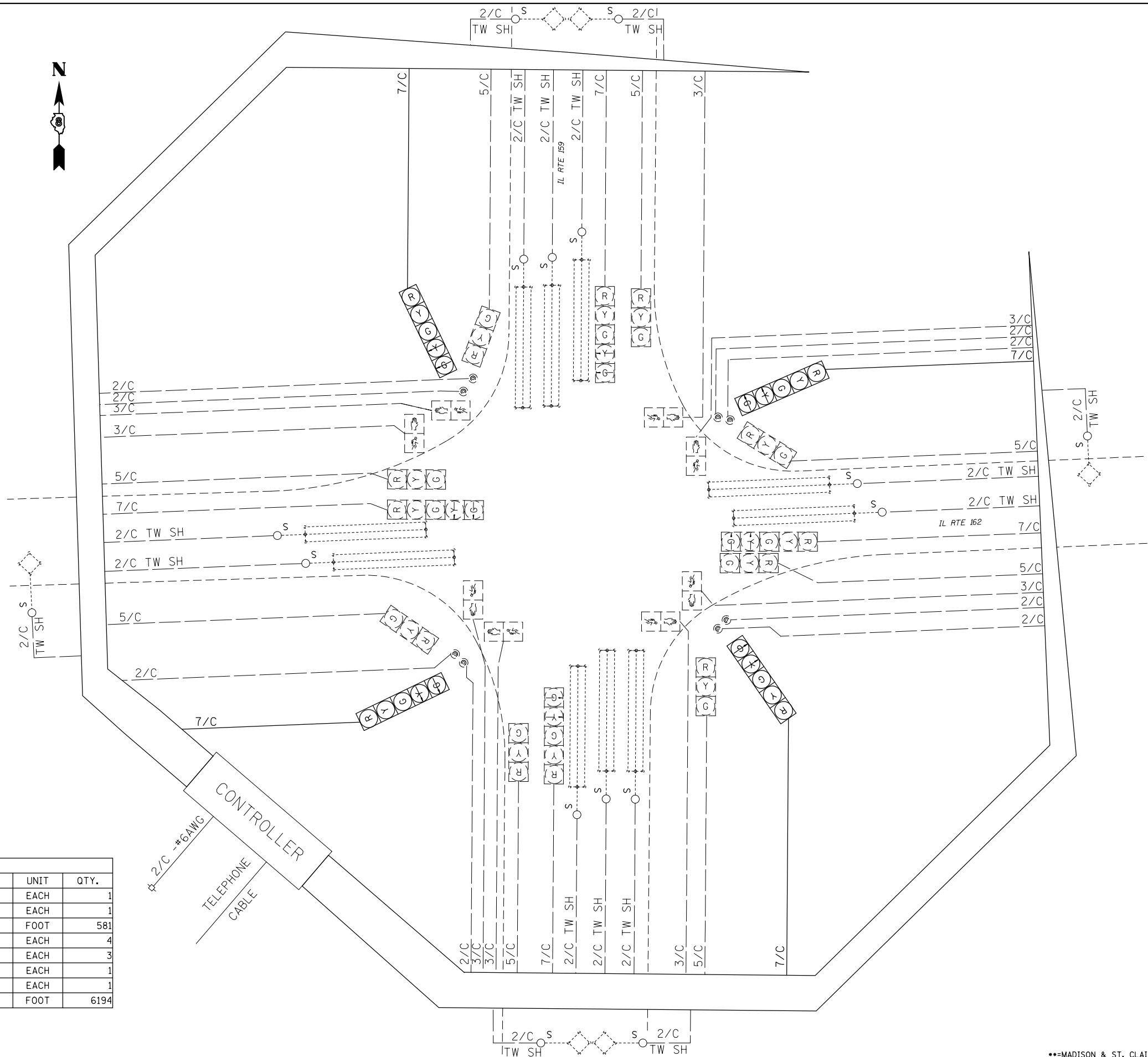
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•		DIST 8 TS 2017-1	**	136	110
**=VARIOUS				CONTRACT NO. 76J22	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

\*\*=MADISON & ST. CLAIR



### CABLE DIAGRAM LEGEND

-  PROPOSED ELECTRIC CABLE IN CONDUIT
-  EXISTING ELECTRIC CABLE IN CONDUIT
-  EXISTING CABLE SPLICE
- 2/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- TW SH TWISTED AND SHIELDED CABLE
- #6 INDICATES AMERICAN WIRE GAUGE (AWG) SIZE 6 CONDUCTOR
-  EXISTING SERVICE INSTALLATION



SCHEDULE OF QUANTITIES			
CODE NO.	ITEM	UNIT	QTY.
70102637	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	EACH	1
70102642	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	EACH	1
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	581
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4
89502100	REBUILD EXISTING SIGNAL HEAD	EACH	3
89502200	MODIFY EXISTING CONTROLLER	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	6194

FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -
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PLOT SCALE = 33.3333 ' / in.	CHECKED -	REVISOR -	REVISOR -
PLOT DATE = 10/21/2016	DATE -	REVISION -	REVISION -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

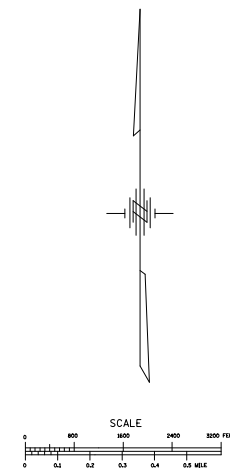
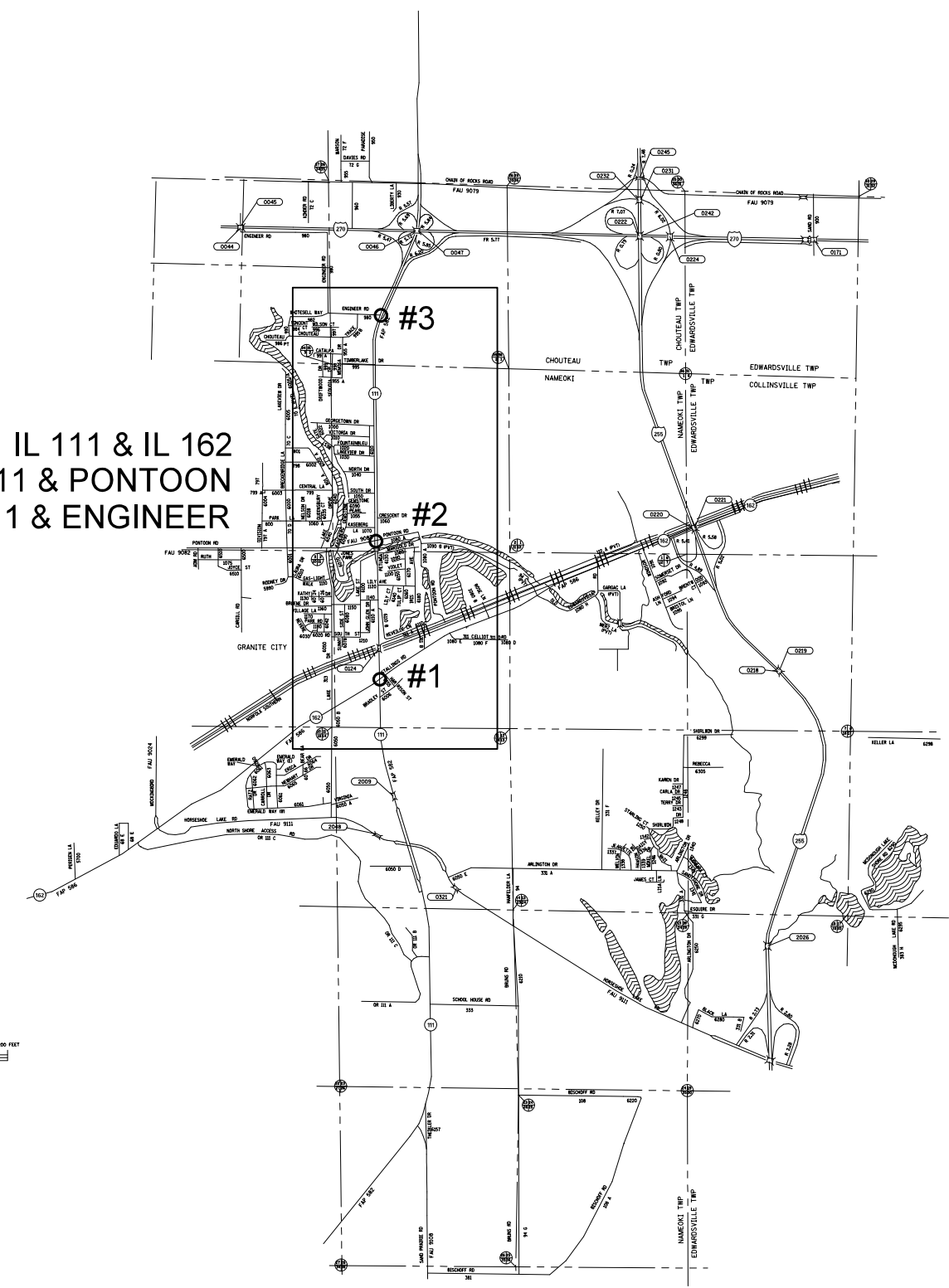
IL 159 & IL 162 (MARYVILLE, MADISON CNTY.)  
WIRING DIAGRAM

SCALE: SHEET NO. OF SHEETS STA. TO STA.

RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	DIST 8 TS 2017-1	**	136	112
**=VARIOUS			CONTRACT NO. 76J22	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

\*\*=MADISON & ST. CLAIR

#1 IL 111 & IL 162  
 #2 IL 111 & PONTOON  
 #3 IL 111 & ENGINEER



••=MADISON & ST. CLAIR

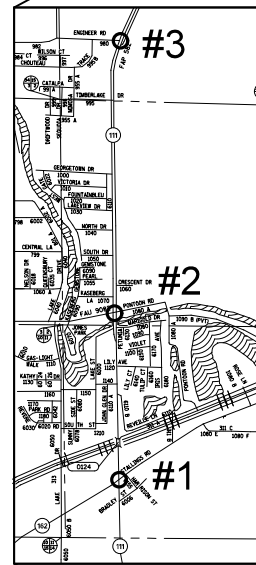
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	PLOT DATE = 10/21/2016	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

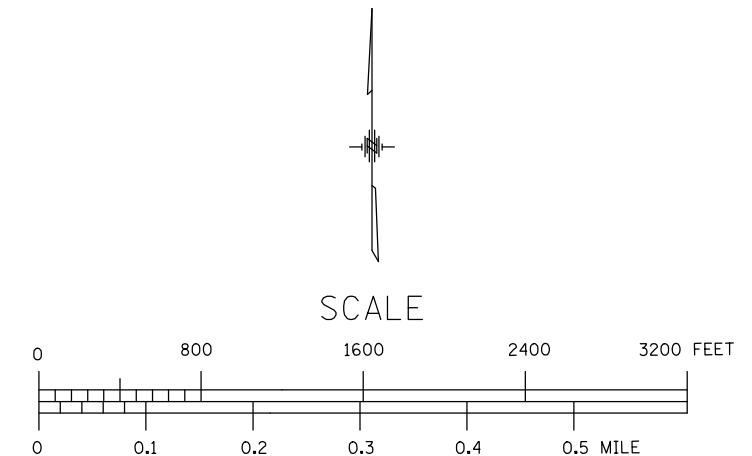
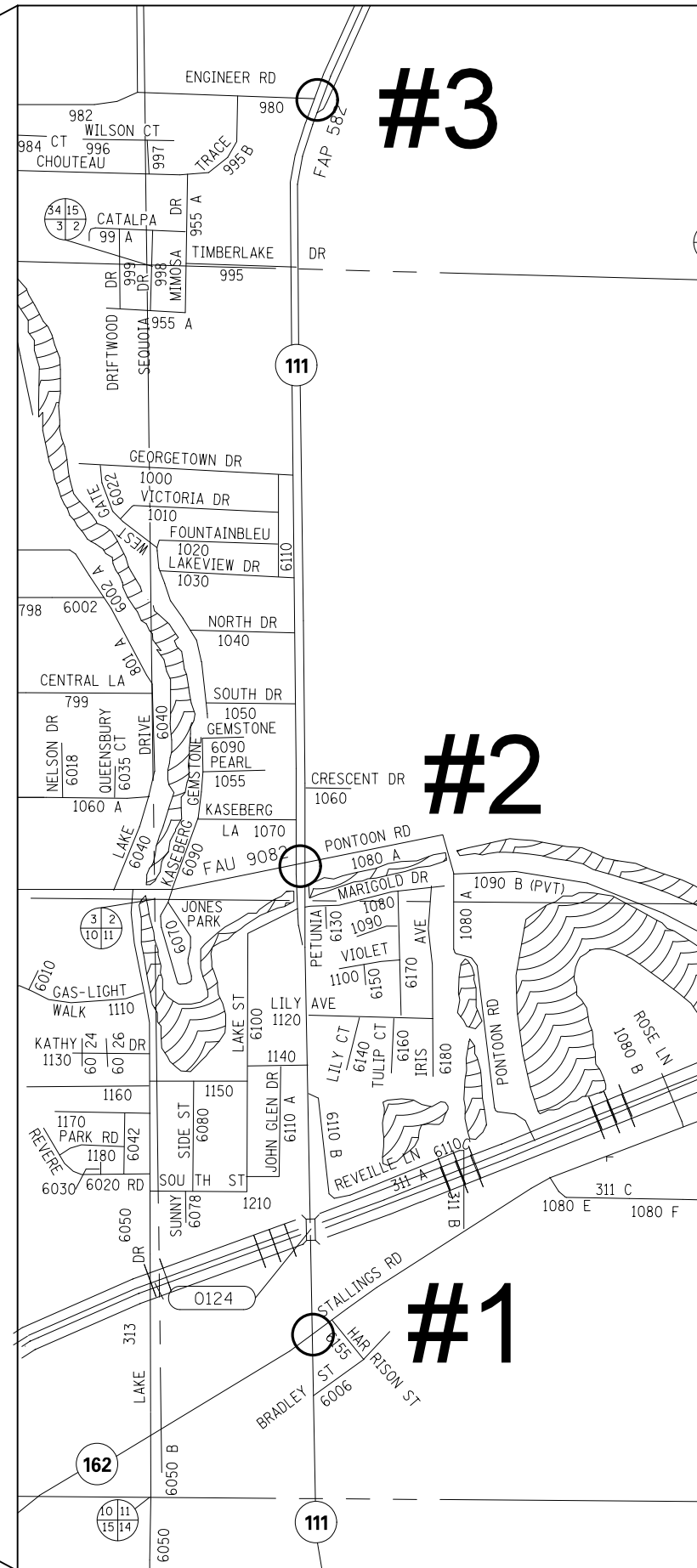
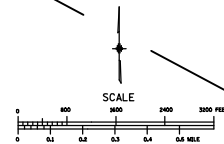
**LOCATION MAP  
 PONTOON BEACH, MADISON CNTY.  
 1 OF 2**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	DIST 8 TS 2017-1	••	136	113
•=VARIOUS			CONTRACT NO. 76J22	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



#1 IL 111 & IL 162  
 #2 IL 111 & PONTOON  
 #3 IL 111 & ENGINEER



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		DATE -	REVISED -

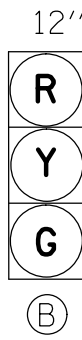
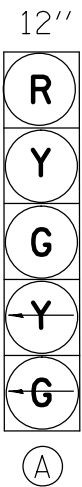
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**LOCATION  
 MAP PONTOON BEACH, MADISON CNTY.**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•		DIST 8 TS 2017-1	**	136	114
**=VARIOUS				CONTRACT NO. 76J22	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

\*\*\*MADISON & ST. CLAIR



PROPOSED TRAFFIC SIGNAL FACES

EXISTING FULL-ACTUATED CONTROLLER								
EXISTING SEQUENCE OF OPERATION								
PHASE	1	2	3	4	5	6	7	8
MOVEMENT								
CONCURRENT MOVEMENT PERMITTED	5 OR 6	5 OR 6	7 OR 8	7 OR 8	1 OR 2	1 OR 2	3 OR 4	3 OR 4

SEE CABLE DIAGRAM FOR "SCHEDULE OF QUANTITIES"

EXNE BM-EXHH01, 2" COND.-3'  
 REM & RE ELCBL FR CON-66'  
 REM & RE ELCBL FR CON-63'  
 REM & RE ELCBL FR CON-53'  
 ELCBL C SIGNAL 14 5C-19'  
 ELCBL C SIGNAL 14 7C-19'  
 SH P LED 2F 1-3 1-5 BM-1(EACH)

EXNW BM-EXHH03, 2" COND.-2'  
 REM & RE ELCBL FR CON-70'  
 REM & RE ELCBL FR CON-65'  
 REM & RE ELCBL FR CON-54'  
 ELCBL C SIGNAL 14 5C-18'  
 ELCBL C SIGNAL 14 7C-18'  
 SH P LED 2F 1-3 1-5 BM-1(EACH)

EXHH01-EXHH02, 2.5" COND.-128'  
 5-REM & RE ELCBL FR CON-135' (EACH)  
 ELCBL C SIGNAL 14 5C-135'  
 ELCBL C SIGNAL 14 7C-135'

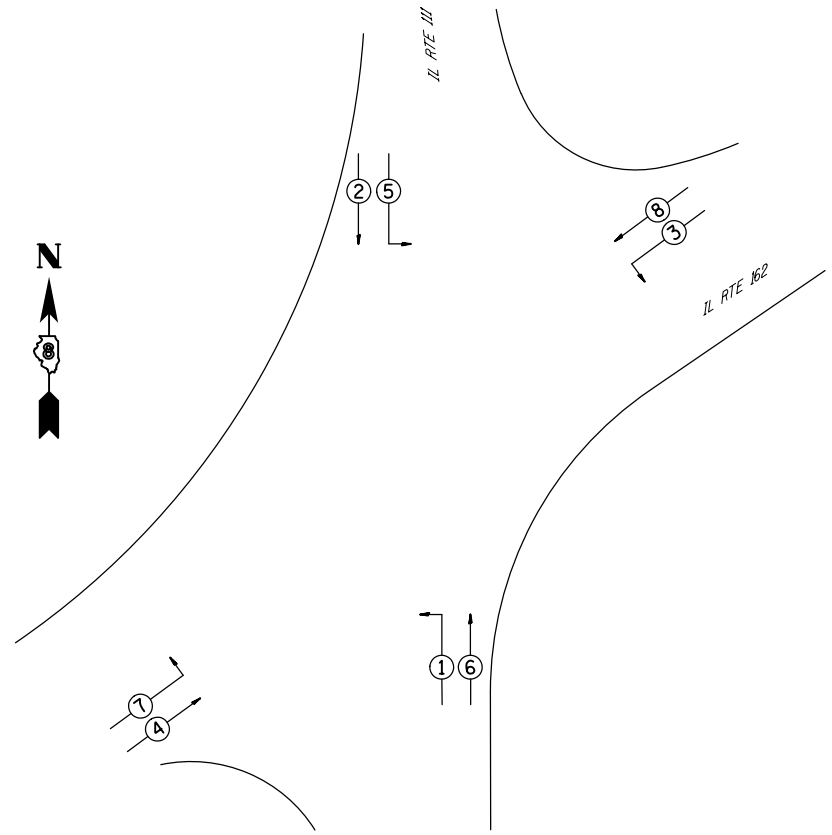
EXSE BM-EXHH02, 2" COND.-16'  
 REM & RE ELCBL FR CON-71'  
 REM & RE ELCBL FR CON-67'  
 REM & RE ELCBL FR CON-59'  
 ELCBL C SIGNAL 14 5C-32'  
 ELCBL C SIGNAL 14 7C-32'  
 SH P LED 2F 1-3 1-5 BM-1(EACH)

EXHH03-EXDHH01, 3" COND.-112'  
 7-REM & RE ELCBL FR CON-119' (EACH)  
 ELCBL C SIGNAL 14 5C-119'  
 ELCBL C SIGNAL 14 7C-119'

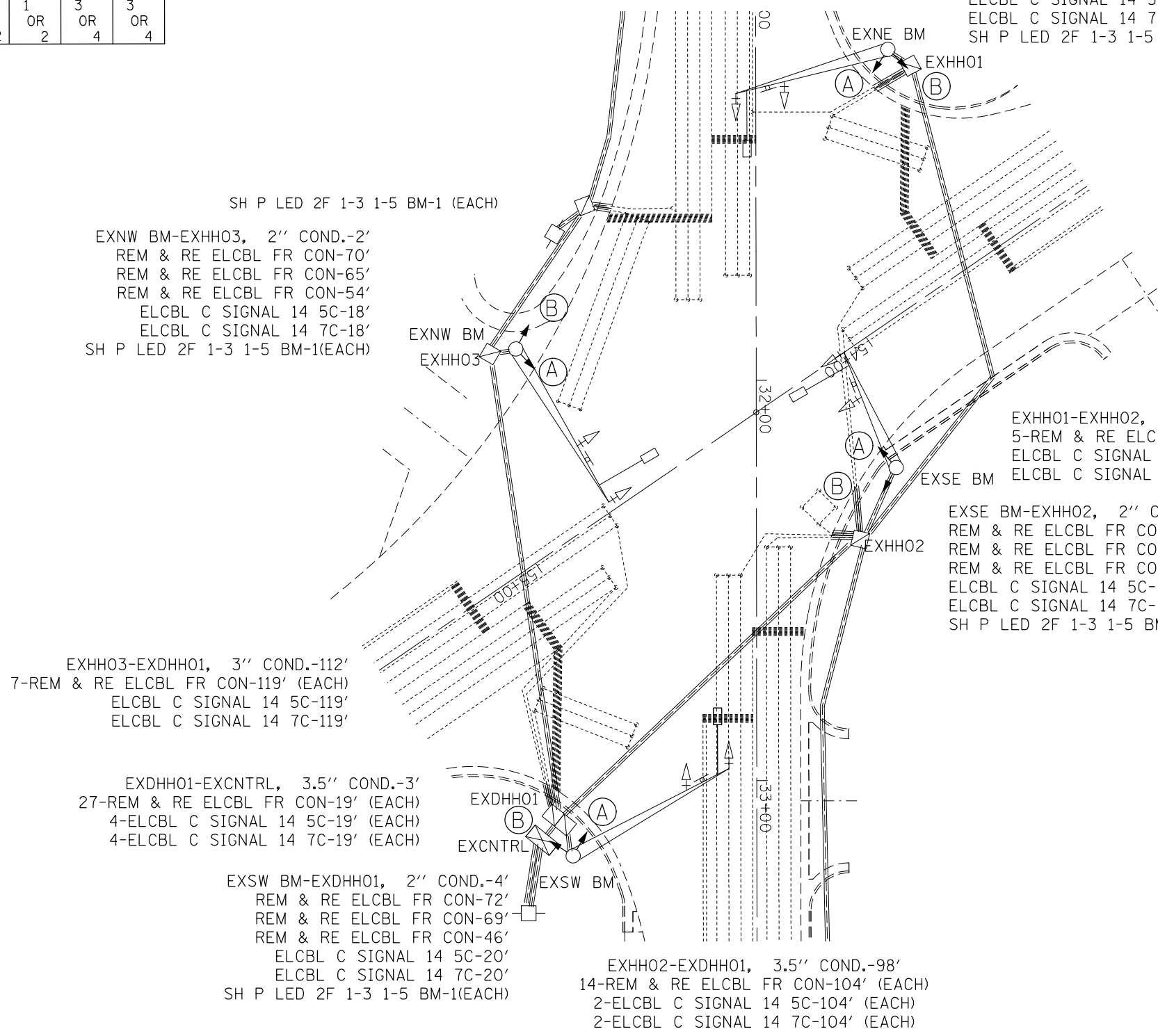
EXDHH01-EXCNTRL, 3.5" COND.-3'  
 27-REM & RE ELCBL FR CON-19' (EACH)  
 4-ELCBL C SIGNAL 14 5C-19' (EACH)  
 4-ELCBL C SIGNAL 14 7C-19' (EACH)

EXSW BM-EXDHH01, 2" COND.-4'  
 REM & RE ELCBL FR CON-72'  
 REM & RE ELCBL FR CON-69'  
 REM & RE ELCBL FR CON-46'  
 ELCBL C SIGNAL 14 5C-20'  
 ELCBL C SIGNAL 14 7C-20'  
 SH P LED 2F 1-3 1-5 BM-1(EACH)

EXHH02-EXDHH01, 3.5" COND.-98'  
 14-REM & RE ELCBL FR CON-104' (EACH)  
 2-ELCBL C SIGNAL 14 5C-104' (EACH)  
 2-ELCBL C SIGNAL 14 7C-104' (EACH)



PHASE DESIGNATION DIAGRAM



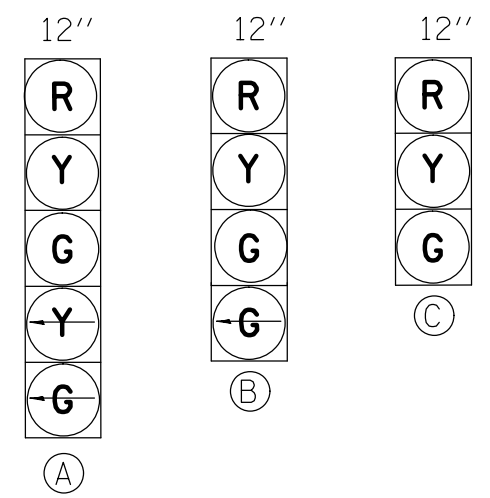
\*\*\*MADISON & ST. CLAIR

FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL 111 &amp; IL 162 (PONTON BEACH, MADISON CNTY.)</b> <b>TRAFFIC SIGNAL PLAN</b>	ROUTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
<small>p:\111\11104E\BIDINTEG\Illinois.gov\PIDOT\Documents\IDOT Offices\District 8\Projects\0876\0876-Data\EADsheets\0876J22-sht-tsp10.dwg</small>						•	DIST 8 TS 2017-1	**	136	115	
<small>PLOT SCALE = 33.3333' / in.</small>						•	VARIOUS	CONTRACT NO. 76J22			
<small>PLOT DATE = 10/21/2016</small>						•	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





SEE CABLE DIAGRAM FOR "SCHEDULE OF QUANTITIES"



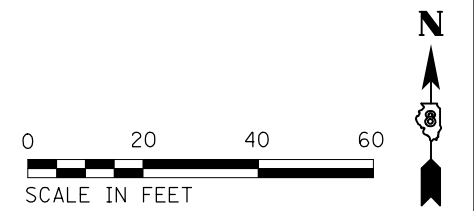
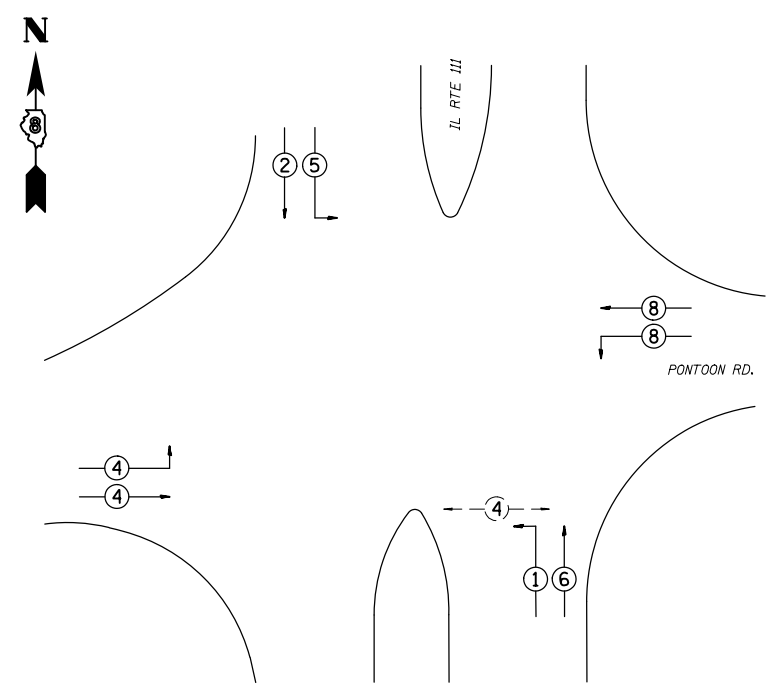
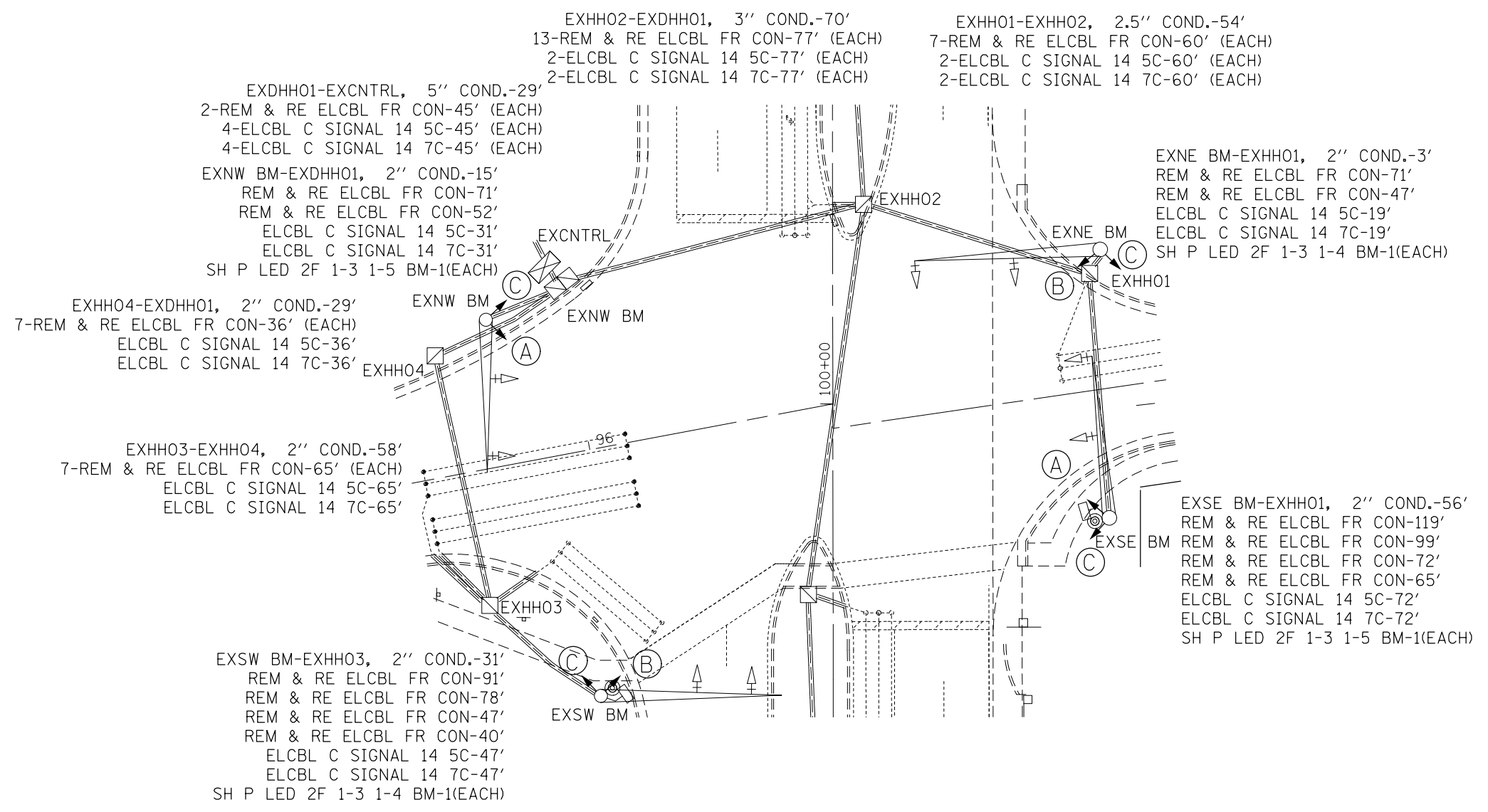
PROPOSED TRAFFIC SIGNAL FACES

EXISTING FULL-ACTUATED CONTROLLER

EXISTING SEQUENCE OF OPERATION

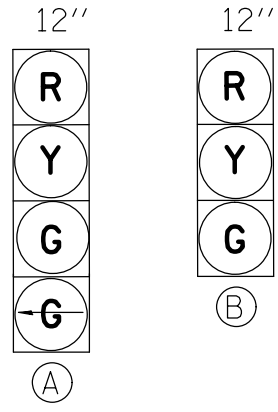
PHASE	1	2	3	4	5	6	7	8
MOVEMENT	↙	↓	NOT USED	↔	↘	↑	NOT USED	↗
CONCURRENT MOVEMENT PERMITTED	5 OR 6	5 OR 6		6	1 OR 2	1 OR 2		4

\* PEDSTRIAN MOVEMENT ON ACTUATION ONLY





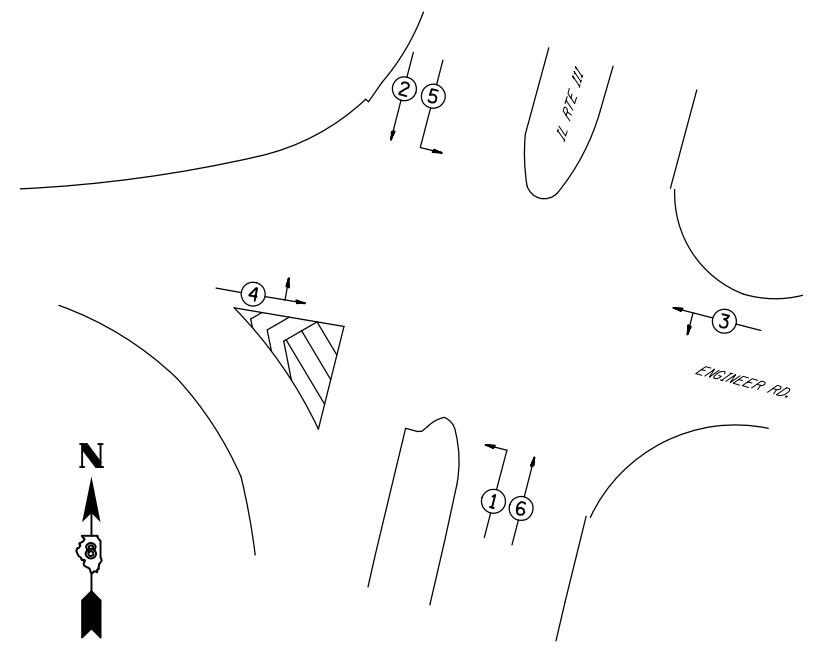
SEE CABLE DIAGRAM FOR "SCHEDULE OF QUANTITIES"



EXISTING FULL-ACTUATED CONTROLLER

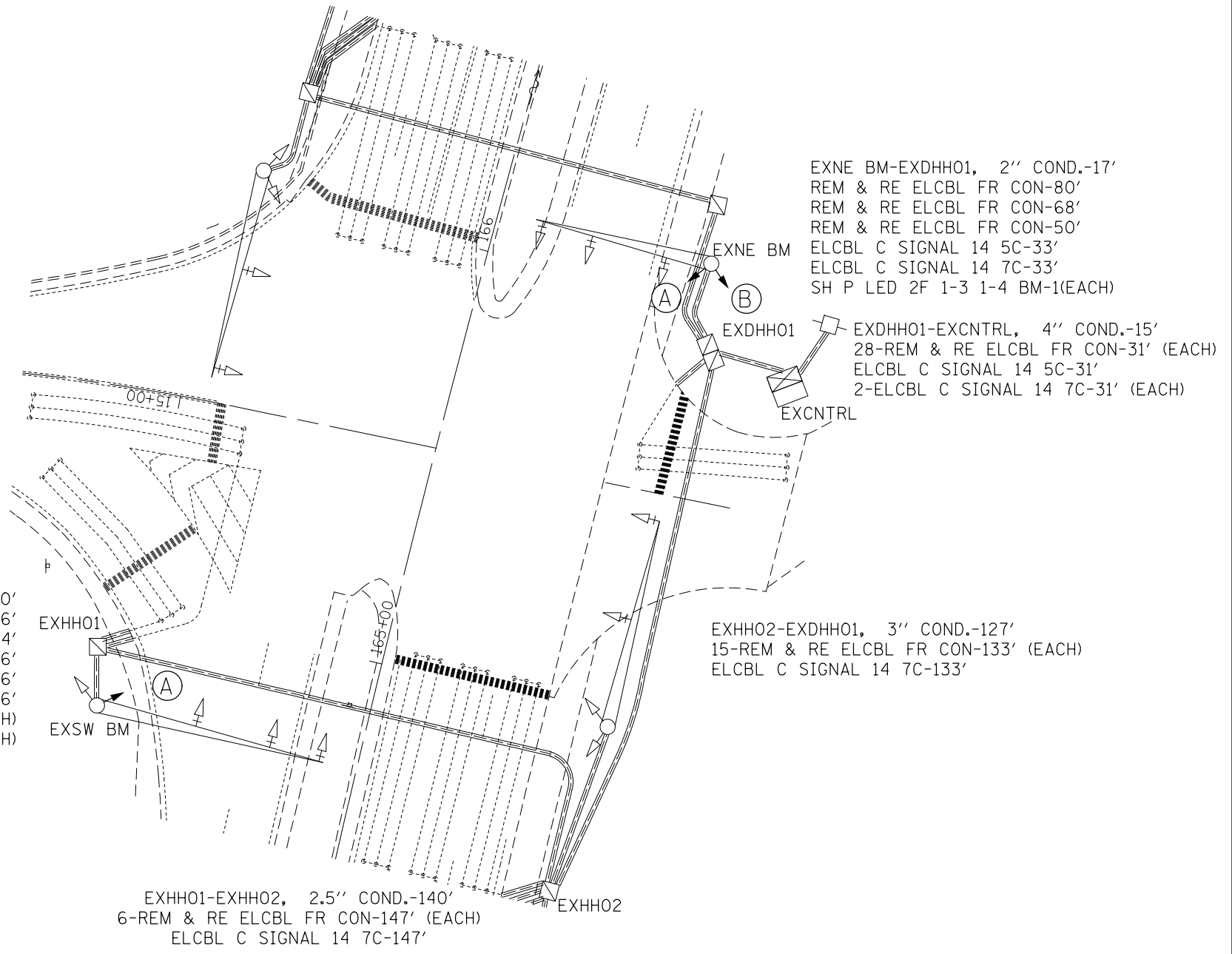
EXISTING SEQUENCE OF OPERATION								
PHASE	1	2	3	4	5	6	7	8
MOVEMENT	↙	↘	↖	↗	↙	↘	NOT USED	NOT USED
CONCURRENT MOVEMENT PERMITTED	5 OR 6	5 OR 6	NONE	NONE	1 OR 2	1 OR 2		

PROPOSED TRAFFIC SIGNAL FACES



PHASE DESIGNATION DIAGRAM

EXSW BM-EXHH01, 2" COND.-10'  
 REM & RE ELCBL FR CON-86'  
 REM & RE ELCBL FR CON-74'  
 REM & RE ELCBL FR CON-56'  
 REM & RE ELCBL FR CON-26'  
 ELCBL C SIGNAL 14 7C-26'  
 REBUILD EX SIG HEAD-1 (EACH)  
 SH P LED 1F 1-4 BM-1(EACH)



EXNE BM-EXDHH01, 2" COND.-17'  
 REM & RE ELCBL FR CON-80'  
 REM & RE ELCBL FR CON-68'  
 REM & RE ELCBL FR CON-50'  
 ELCBL C SIGNAL 14 5C-33'  
 ELCBL C SIGNAL 14 7C-33'  
 SH P LED 2F 1-3 1-4 BM-1(EACH)

EXDHH01-EXCCTRL, 4" COND.-15'  
 28-REM & RE ELCBL FR CON-31' (EACH)  
 ELCBL C SIGNAL 14 5C-31'  
 2-ELCBL C SIGNAL 14 7C-31' (EACH)

EXHH02-EXDHH01, 3" COND.-127'  
 15-REM & RE ELCBL FR CON-133' (EACH)  
 ELCBL C SIGNAL 14 7C-133'

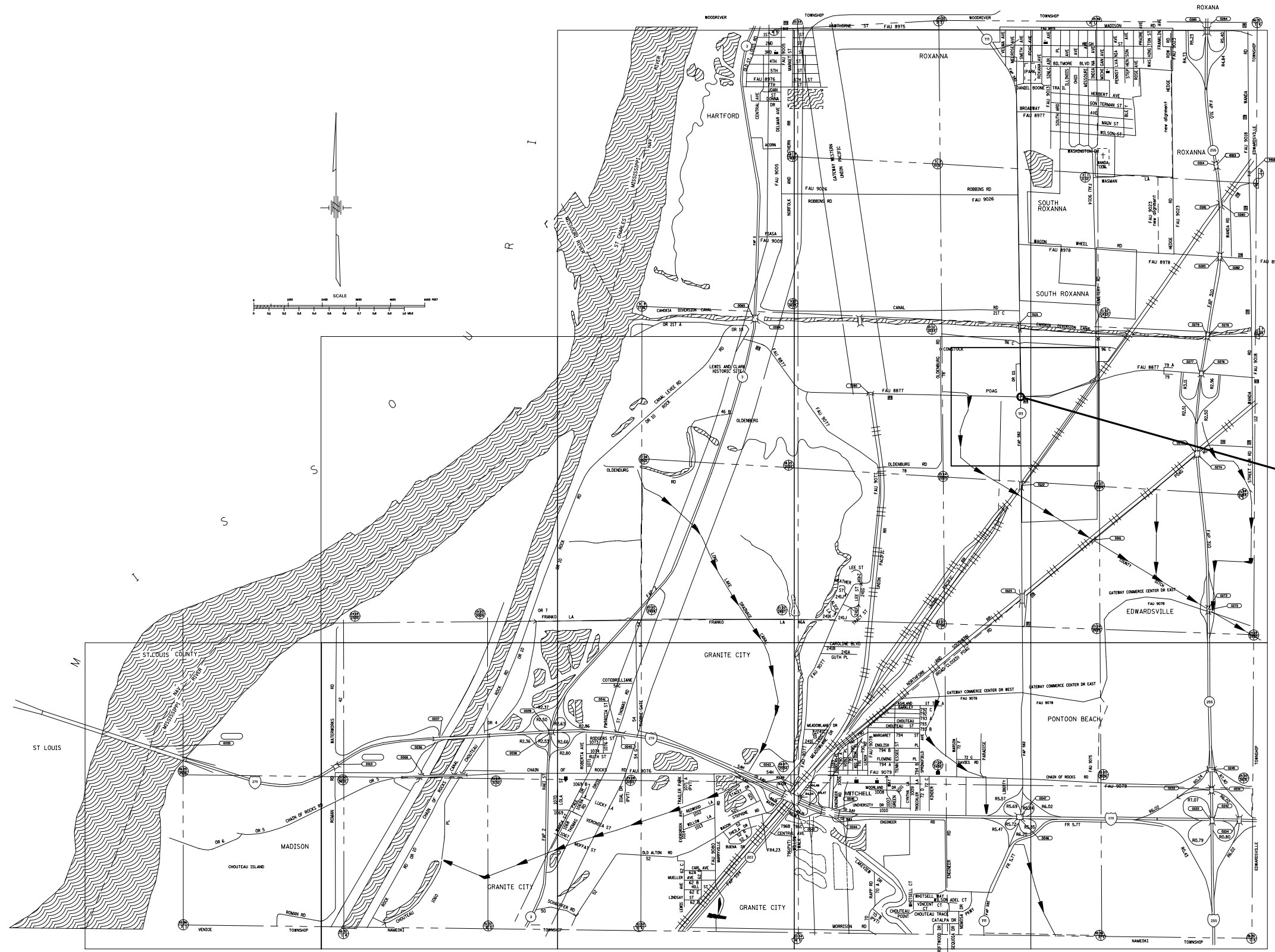
EXHH01-EXHH02, 2.5" COND.-140'  
 6-REM & RE ELCBL FR CON-147' (EACH)  
 ELCBL C SIGNAL 14 7C-147'



\*\*-MADISON & ST. CLAIR

FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL 111 &amp; ENGINEER RD. (PONTON BEACH, MADISON CNTY.) TRAFFIC SIGNAL PLAN</b>	RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PROJECT =	PROJECT =	CHECKED -	REVISED -			•	Dist 8 TS 2015-1	**	136	119
PLOT SCALE = 33.3333' / in.	DATE =	DATE =	DATE =			**=VARIOUS	CONTRACT NO. 76J22			
PLOT DATE = 10/21/2016						FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





#1 IL 111 & POAG

\*\*=MADISON & ST. CLAIR

FILE NAME =	USER NAME = prestone	DESIGNED -	REVISED -
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		DATE -	REVISED -

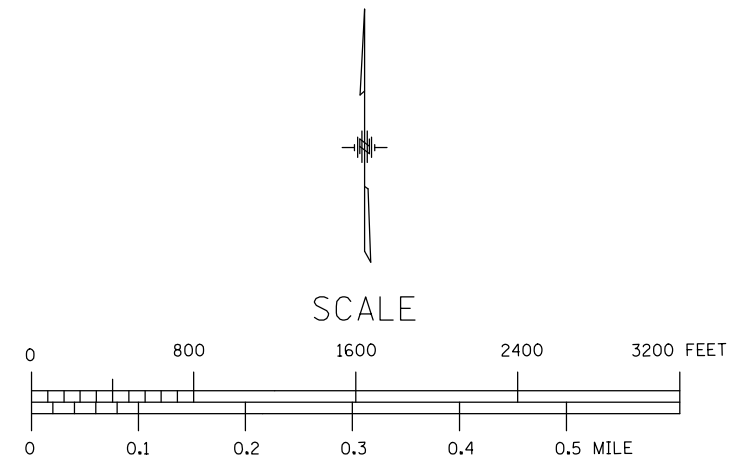
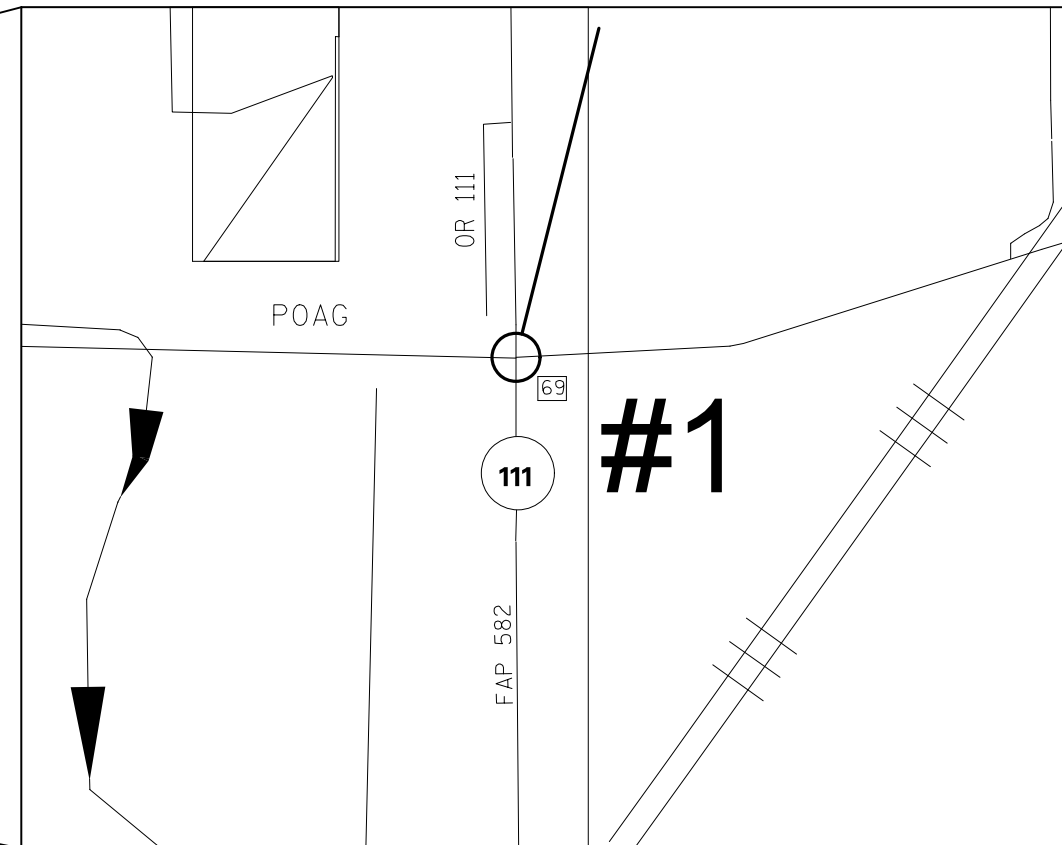
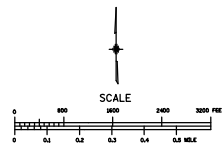
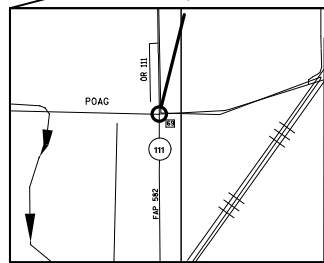
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION MAP  
SOUTH ROXANNA, MADISON CNTY.  
1 OF 2

SCALE: SHEET NO. OF SHEETS STA. TO STA.

RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	DIST 8 TS 2017-1	MADISON	136	121
**=VARIOUS			CONTRACT NO. 76J22	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

#1 IL 111 & POAG



\*\*\*MADISON & ST. CLAIR

FILE NAME =	USER NAME = prestone	DESIGNED -	REVISED -
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	PLOT SCALE = 33.3333 / in.	DATE -	REVISED -
	PLOT DATE = 10/21/2016		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION MAP  
SOUTH ROXANA, MADISON CNTY.  
2 OF 2

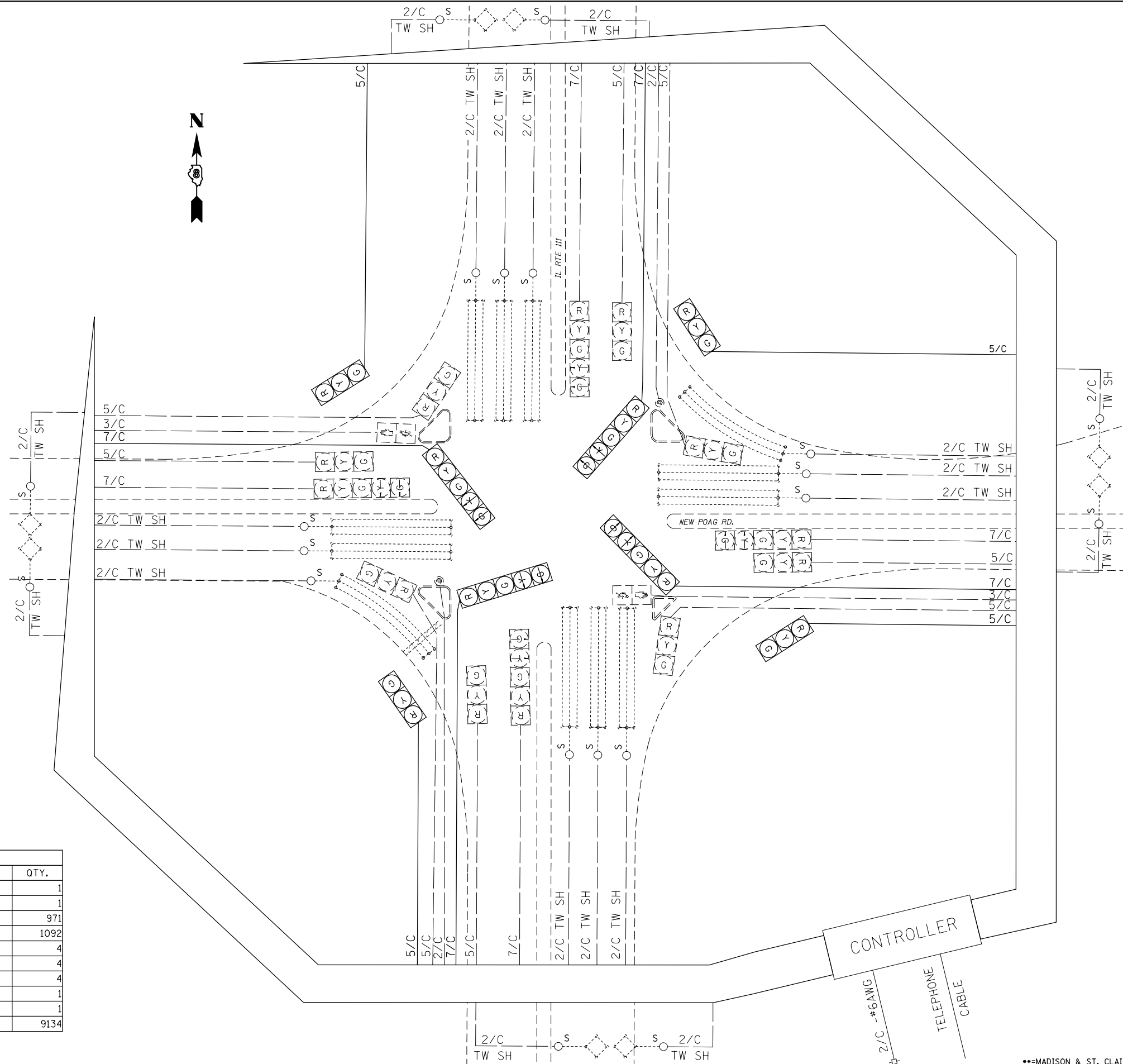
SCALE: SHEET NO. OF SHEETS STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	DIST 8 TS 2017-1	MADISON	136	122
**=VARIOUS			CONTRACT NO. 76J22	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**CABLE DIAGRAM LEGEND**

- PROPOSED ELECTRIC CABLE IN CONDUIT
- EXISTING ELECTRIC CABLE IN CONDUIT
- EXISTING CABLE SPLICE
- 2/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- TW SH TWISTED AND SHIELDED CABLE
- #6 INDICATES AMERICAN WIRE GAUGE (AWG) SIZE 6 CONDUCTOR
- EXISTING SERVICE INSTALLATION



SCHEDULE OF QUANTITIES			
CODE NO.	ITEM	UNIT	QTY.
7010263	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	EACH	1
7010264	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	EACH	1
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	971
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1092
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4
89502100	REBUILD EXISTING SIGNAL HEAD	EACH	4
89502200	MODIFY EXISTING CONTROLLER	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	9134

FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -
\\IL084EBIDINTEG.illinois.gov\PIWDOT\Documents\IDOT Offices\District 8\Projects\0875\Drawings\EA\Drawings\0875-122-sht-tsp10.dwg		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

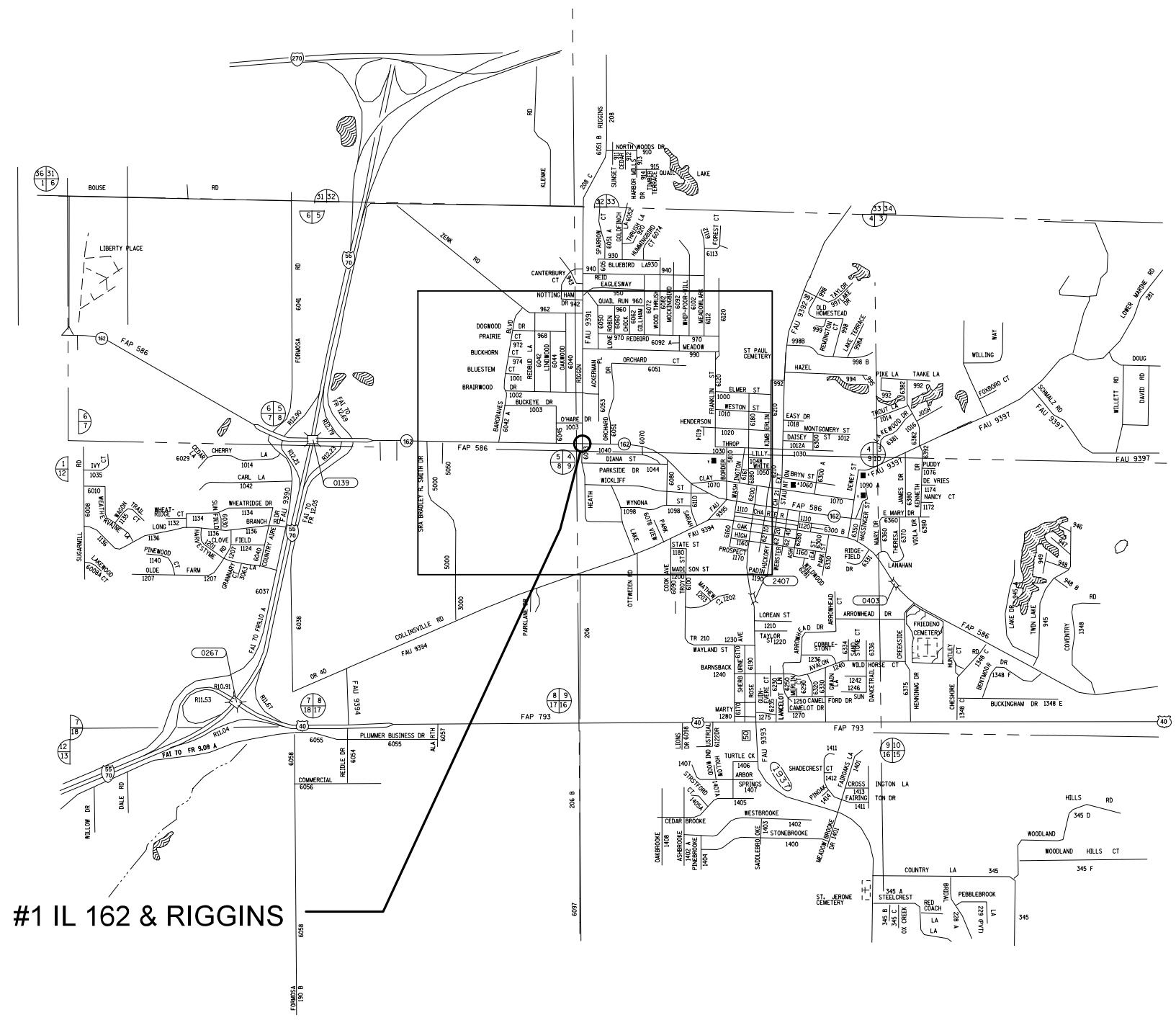
**IL 111 & POAG (SOUTH ROXANA, MADISON CNTY.)  
WIRING DIAGRAM**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•		DIST 8 TS 2017-1	**	136	124
**VARIOUS				CONTRACT NO. 76J22	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

\*\*MADISON & ST. CLAIR





#1 IL 162 & RIGGINS

FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -
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		DATE -	REVISED -

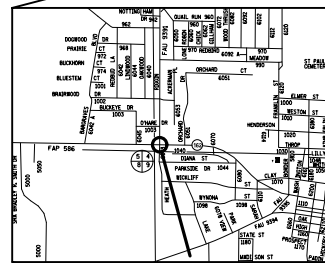
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LOCATION MAP  
TROY, MADISON CNTY.  
1 OF 2**

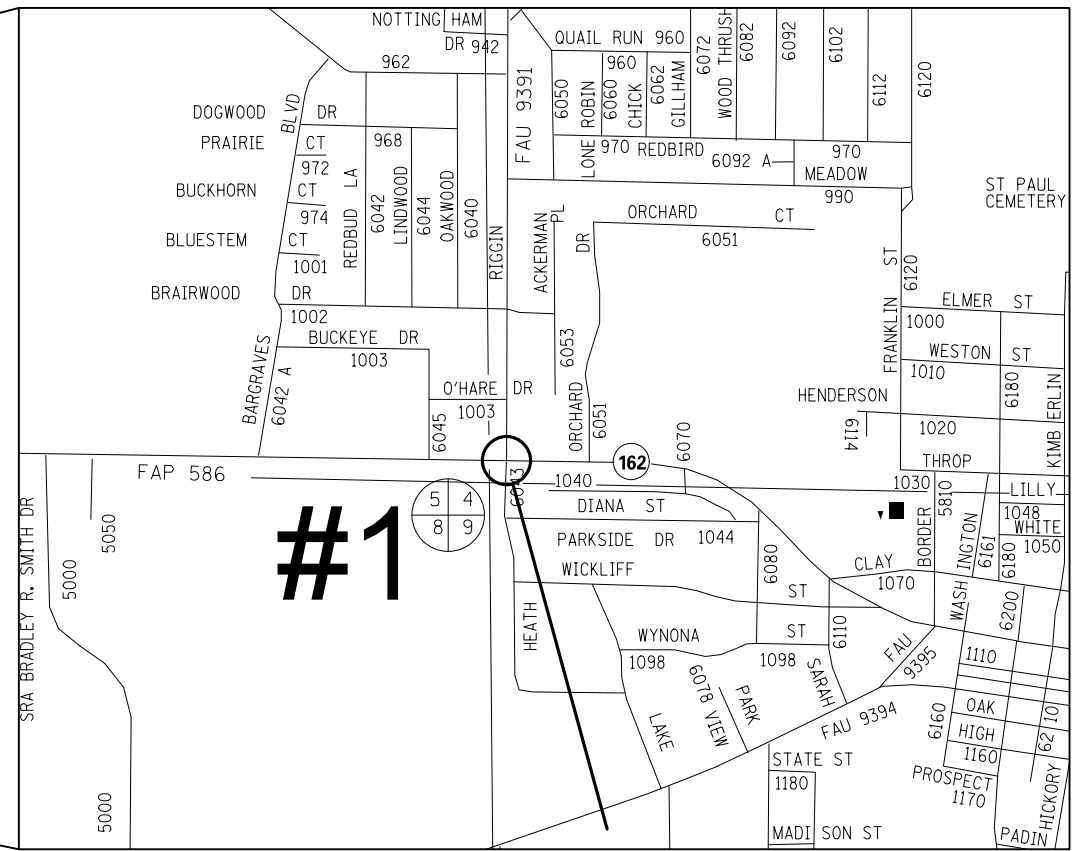
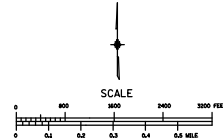
SCALE: SHEET NO. OF SHEETS STA. TO STA.

\*\*=MADISON & ST. CLAIR

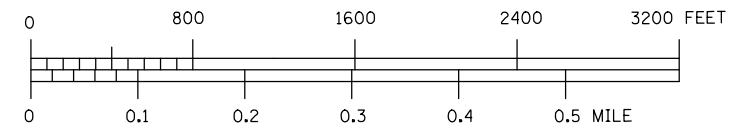
RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	DIST 8 TS 2017-1	**	136	125
**=VARIOUS			CONTRACT NO. 76J22	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



#1 IL 162 & RIGGINS



SCALE



\*\*\*MADISON & ST. CLAIR

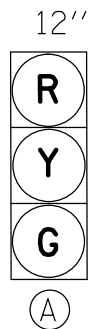
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		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LOCATION MAP  
TROY, MADISON CNTY.  
2 OF 2**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	DIST 8 TS 2017-1	**	136	126
•=VARIOUS			CONTRACT NO. 76J22	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



EXISTING FULL-ACTUATED CONTROLLER

EXISTING SEQUENCE OF OPERATION								
PHASE	1	2	3	4	5	6	7	8
MOVEMENT							NOT USED	NOT USED
CONCURRENT MOVEMENT PERMITTED	5 OR 6	5 OR 6	NONE	NONE	1 OR 2	1 OR 2		

\* PEDSTRIAN MOVEMENT ON ACTUATION ONLY

SEE CABLE DIAGRAM FOR "SCHEDULE OF QUANTITIES"

### PROPOSED TRAFFIC SIGNAL FACES

EXNW BM-EXHH01, 2.5" COND.-10'  
 3-REM & RE ELCBL FR CON-26' (EACH)  
 2-REM & RE ELCBL FR CON-19' (EACH)  
 ELCBL C SIGNAL 14 5C-26'  
 REBUILD EX SIG HEAD-1 (EACH)  
 SH P LED 1F 1-3 BM-1(EACH)

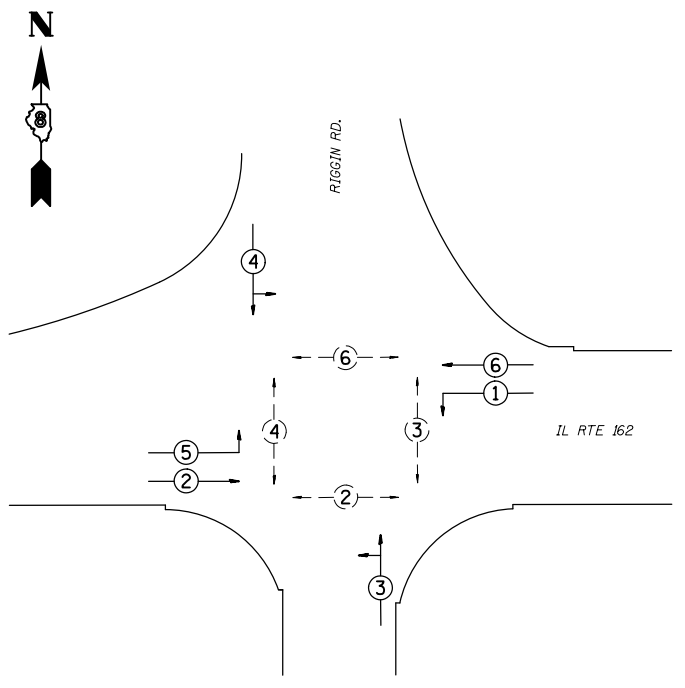
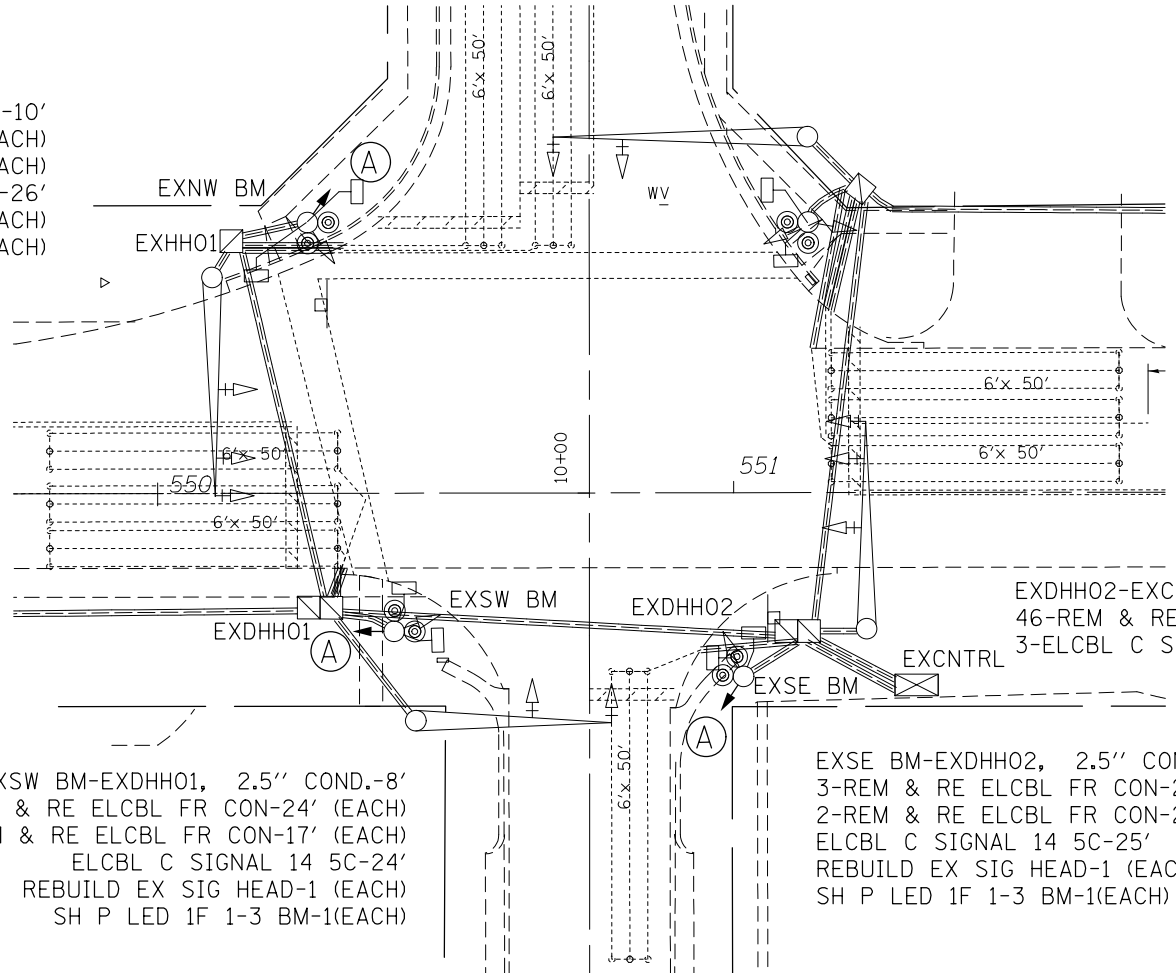
EXHH01-EXDHH01, 2.5" COND.-61'  
 10-REM & RE ELCBL FR CON-68' (EACH)  
 ELCBL C SIGNAL 14 5C-68'

EXSW BM-EXDHH01, 2.5" COND.-8'  
 3-REM & RE ELCBL FR CON-24' (EACH)  
 2-REM & RE ELCBL FR CON-17' (EACH)  
 ELCBL C SIGNAL 14 5C-24'  
 REBUILD EX SIG HEAD-1 (EACH)  
 SH P LED 1F 1-3 BM-1(EACH)

EXSE BM-EXDHH02, 2.5" COND.-9'  
 3-REM & RE ELCBL FR CON-25' (EACH)  
 2-REM & RE ELCBL FR CON-25' (EACH)  
 ELCBL C SIGNAL 14 5C-25'  
 REBUILD EX SIG HEAD-1 (EACH)  
 SH P LED 1F 1-3 BM-1(EACH)

EXDHH01-EXDHH02, 5" COND.-75'  
 22-REM & RE ELCBL FR CON-88' (EACH)  
 2-ELCBL C SIGNAL 14 5C-88' (EACH)

EXDHH02-EXCNTRL, 2-4" COND.-17'  
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 3-ELCBL C SIGNAL 14 5C-33' (EACH)







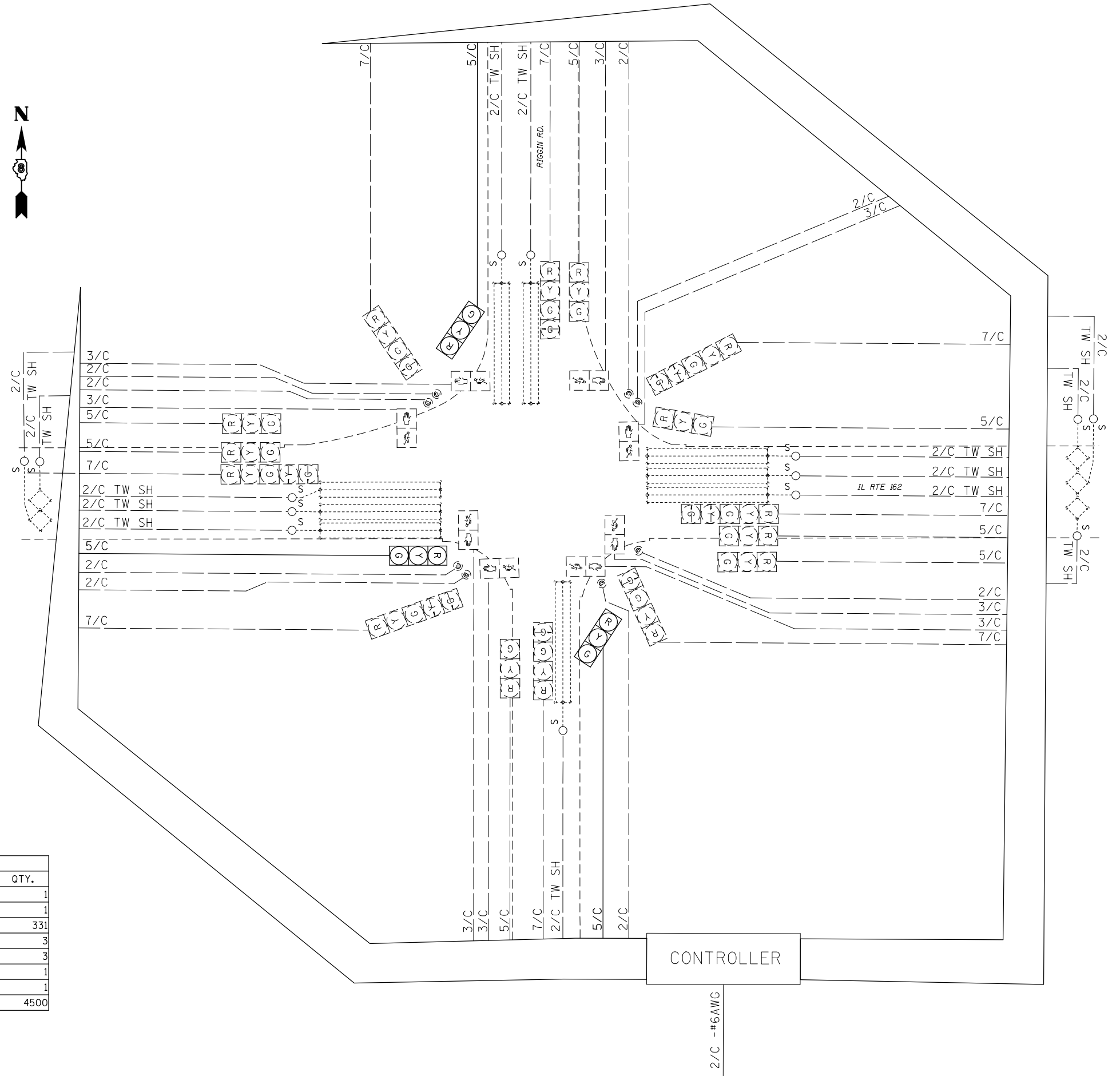
PHASE DESIGNATION DIAGRAM



\*\*=MADISON & ST. CLAIR

# CABLE DIAGRAM LEGEND

-  PROPOSED ELECTRIC CABLE IN CONDUIT
-  EXISTING ELECTRIC CABLE IN CONDUIT
-  EXISTING CABLE SPLICE
- 2/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- TW SH TWISTED AND SHIELDED CABLE
- #6 INDICATES AMERICAN WIRE GAUGE (AWG) SIZE 6 CONDUCTOR
-  EXISTING SERVICE INSTALLATION



SCHEDULE OF QUANTITIES			
CODE NO.	ITEM	UNIT	QTY.
70102637	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	EACH	1
70102642	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	EACH	1
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	331
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
89502100	REBUILD EXISTING SIGNAL HEAD	EACH	3
89502200	MODIFY EXISTING CONTROLLER	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	4500

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	PLOT SCALE = 33.3333 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/21/2016	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

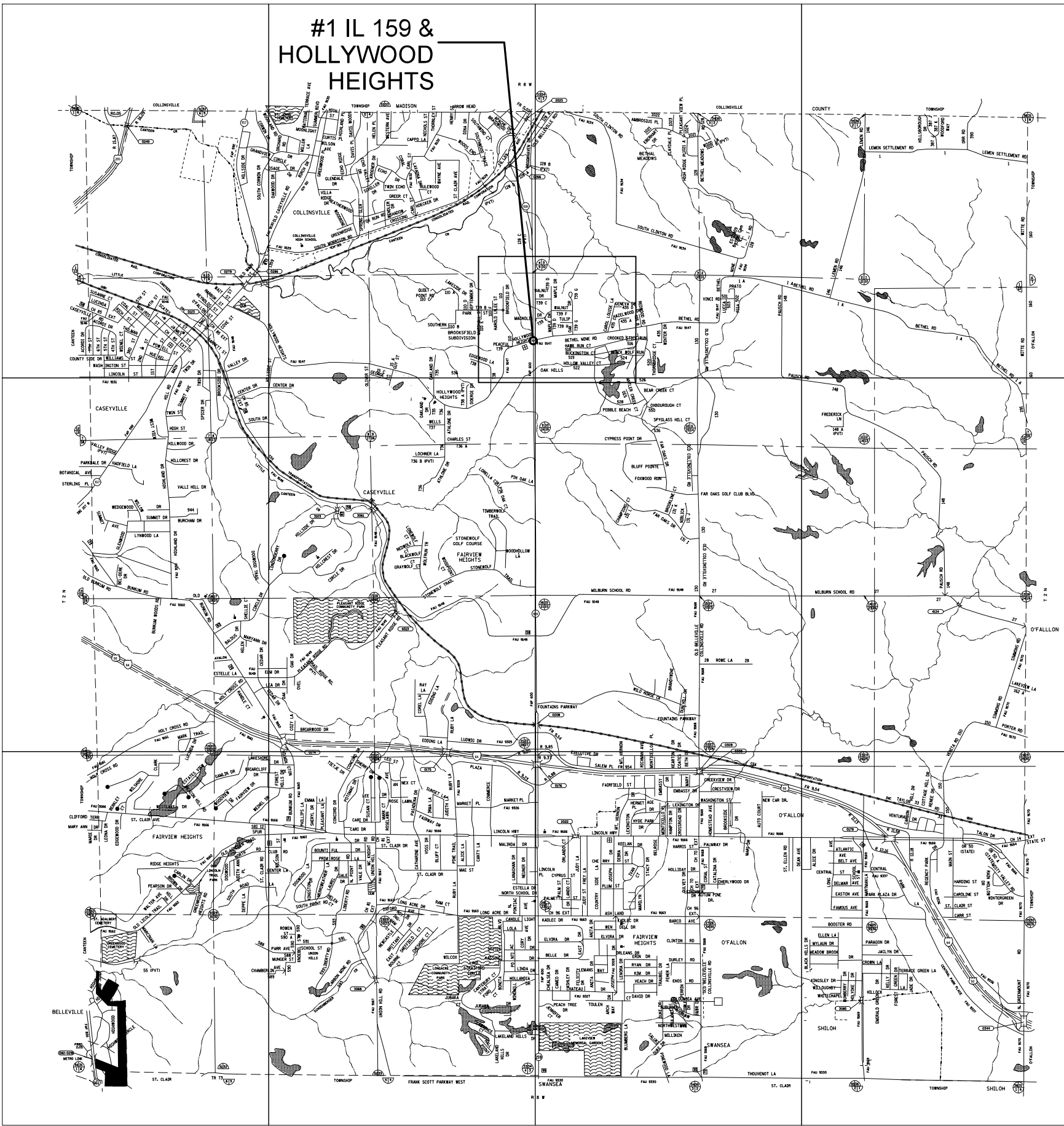
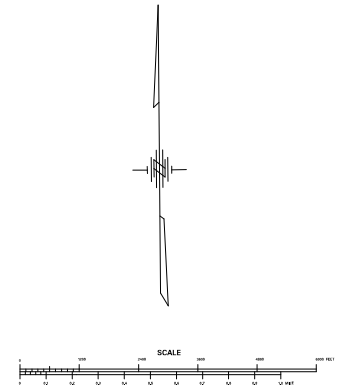
**IL 162 & RIGGIN (TROY, MADISON CNTY.)  
WIRING DIAGRAM**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	DIST 8 TS 2017-1	**	136	128
**=VARIOUS			CONTRACT NO. 76J22	
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

\*\*=MADISON & ST. CLAIR

# #1 IL 159 & HOLLYWOOD HEIGHTS



==MADISON & ST. CLAIR

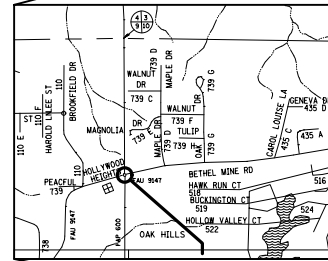
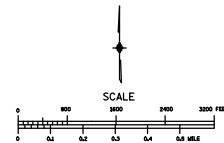
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		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

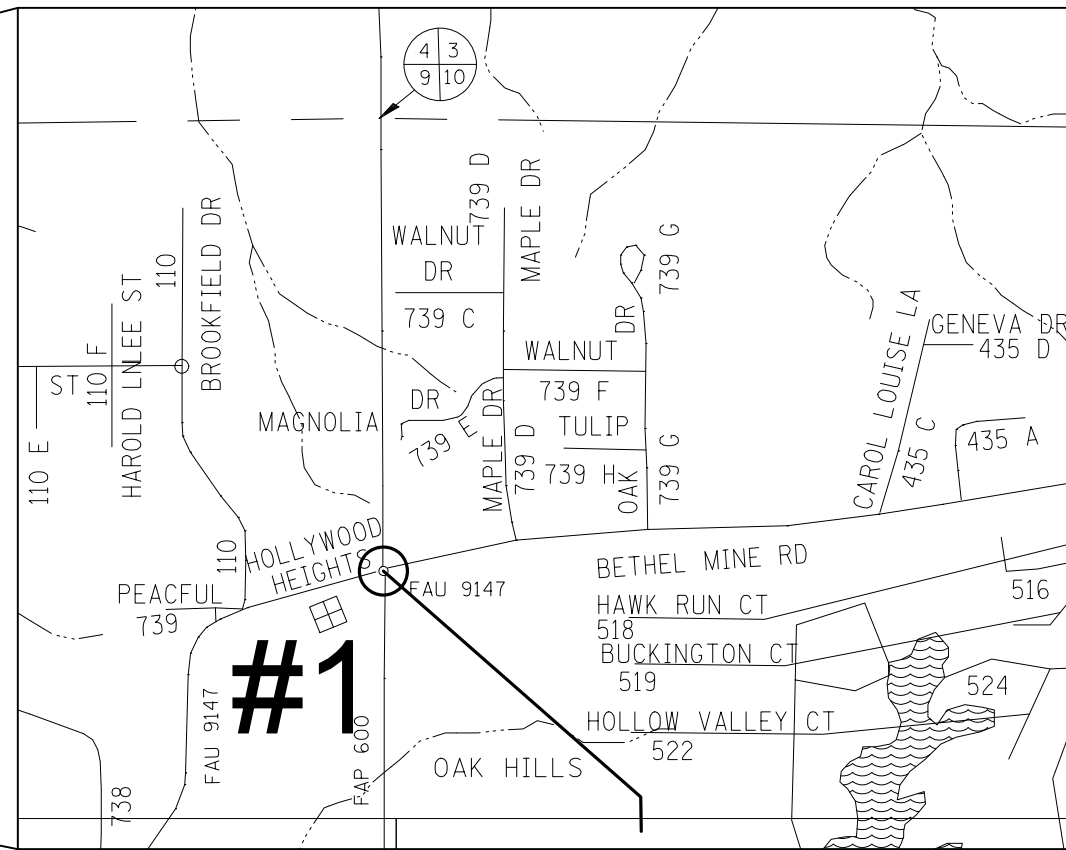
**LOCATION MAP  
CASEYVILLE, ST. CLAIR CNTY.  
1 OF 2**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

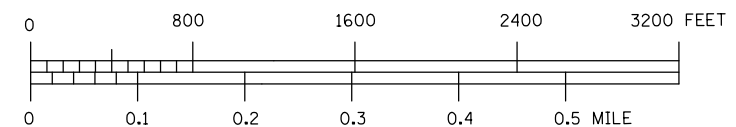
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
* = VARIOUS	DIST 8 TS 2017-1	**	136	129
FED. ROAD DIST. NO.				CONTRACT NO. 76J22
ILLINOIS FED. AID PROJECT				



#1 IL 159 &  
HOLLYWOOD  
HEIGHTS



SCALE



\*\*\*MADISON & ST. CLAIR

FILE NAME =	USER NAME = prestone	DESIGNED -	REVISED -
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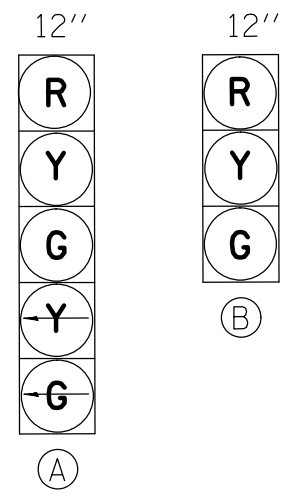
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION MAP  
CASEYVILLE, ST. CLAIR CNTY.  
2 OF 2

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	DIST 8 TS 2017-1	**	126	130
**=VARIOUS			CONTRACT NO. 76J22	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

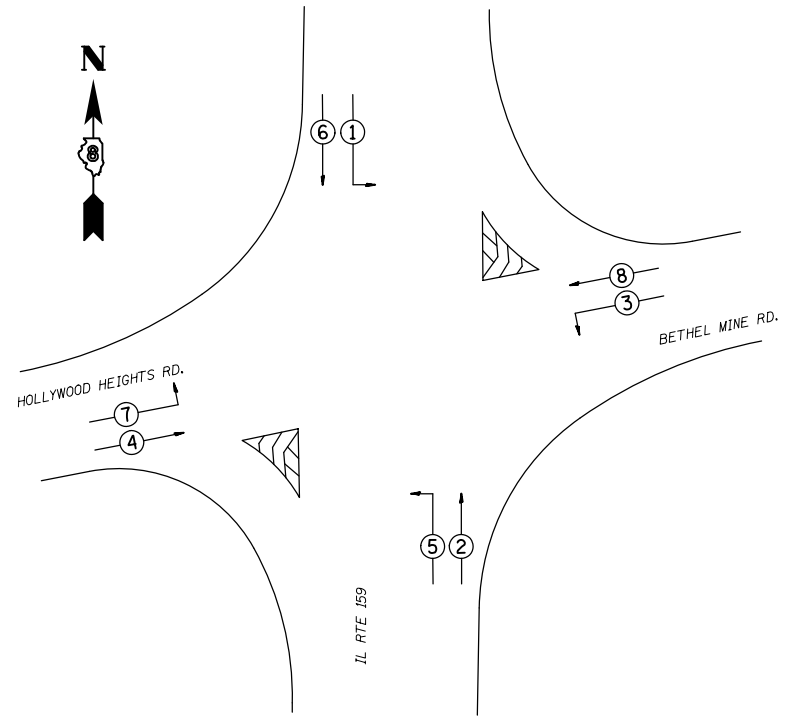
SEE CABLE DIAGRAM FOR "SCHEDULE OF QUANTITIES"



PROPOSED TRAFFIC SIGNAL FACES

EXISTING FULL-ACTUATED CONTROLLER

EXISTING SEQUENCE OF OPERATION								
PHASE	1	2	3	4	5	6	7	8
MOVEMENT							NOT USED	NOT USED
CONCURRENT MOVEMENT PERMITTED	5 OR 6	5 OR 6	NONE	NONE	1 OR 2	1 OR 2		



PHASE DESIGNATION DIAGRAM

EXNW BM-EXHH03, 2.5" COND.-4'  
 REM & RE ELCBL FR CON-68'  
 REM & RE ELCBL FR CON-52'  
 ELCBL C SIGNAL 14 5C-20'  
 ELCBL C SIGNAL 14 7C-20'  
 SH P LED 2F 1-3 1-5 BM-1(EACH)

EXHH02-EXDHH01, 3" COND.-109'  
 13-REM & RE ELCBL FR CON-' (EACH)  
 2-ELCBL C SIGNAL 14 5C-' (EACH)  
 2-ELCBL C SIGNAL 14 7C-' (EACH)

EXDHH01-EXCNTRL, 4" COND.-15'  
 26-REM & RE ELCBL FR CON-31' (EACH)  
 4-ELCBL C SIGNAL 14 5C-31' (EACH)  
 4-ELCBL C SIGNAL 14 7C-31' (EACH)

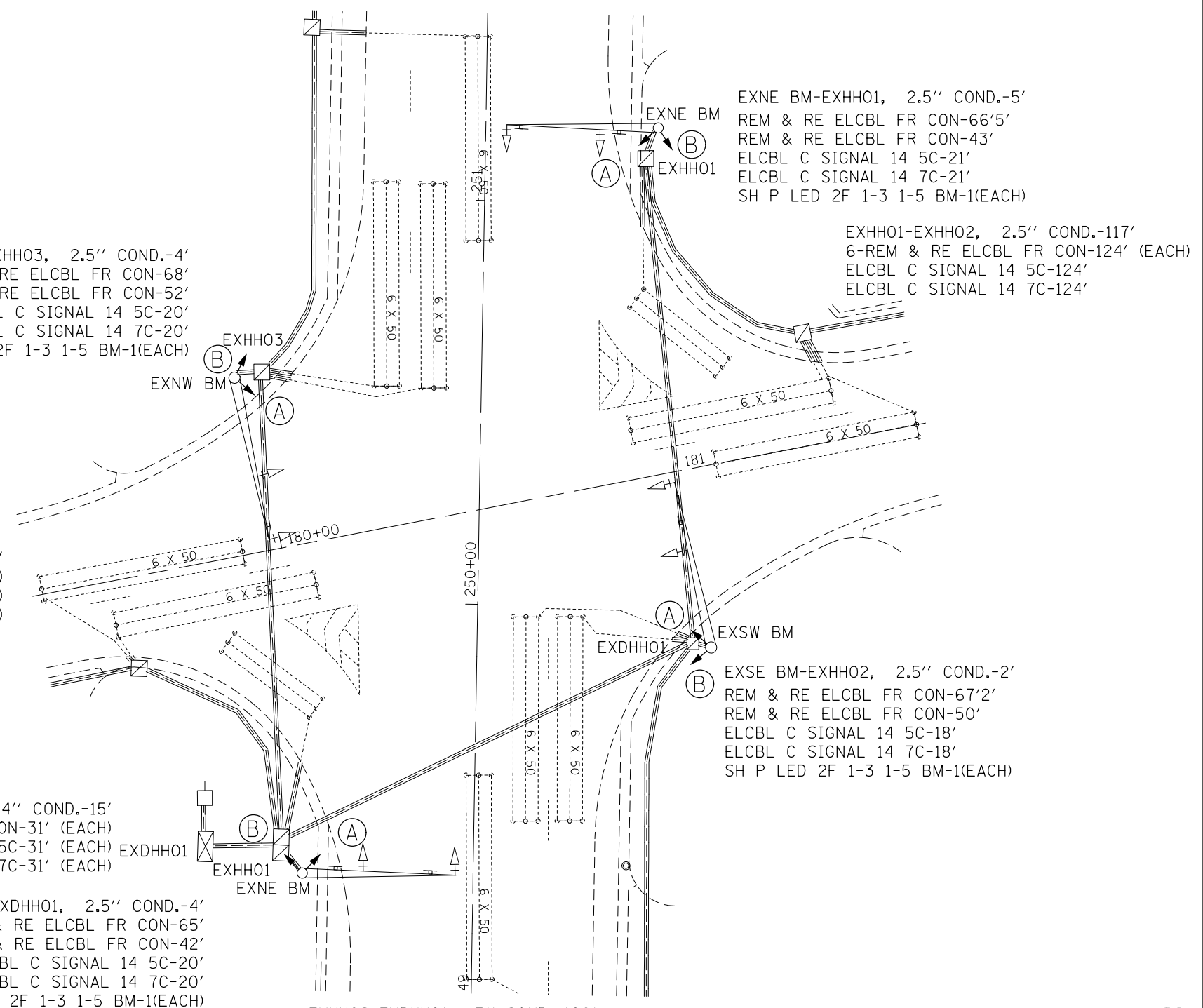
EXSW BM-EXDHH01, 2.5" COND.-4'  
 REM & RE ELCBL FR CON-65'  
 REM & RE ELCBL FR CON-42'  
 ELCBL C SIGNAL 14 5C-20'  
 ELCBL C SIGNAL 14 7C-20'  
 SH P LED 2F 1-3 1-5 BM-1(EACH)

EXHH02-EXDHH01, 3" COND.-109'  
 13-REM & RE ELCBL FR CON-' (EACH)  
 2-ELCBL C SIGNAL 14 5C-' (EACH)  
 2-ELCBL C SIGNAL 14 7C-' (EACH)

EXNE BM-EXHH01, 2.5" COND.-5'  
 REM & RE ELCBL FR CON-66'5'  
 REM & RE ELCBL FR CON-43'  
 ELCBL C SIGNAL 14 5C-21'  
 ELCBL C SIGNAL 14 7C-21'  
 SH P LED 2F 1-3 1-5 BM-1(EACH)



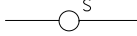
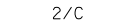
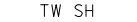

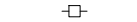
EXHH01-EXHH02, 2.5" COND.-117'  
 6-REM & RE ELCBL FR CON-124' (EACH)  
 ELCBL C SIGNAL 14 5C-124'  
 ELCBL C SIGNAL 14 7C-124'

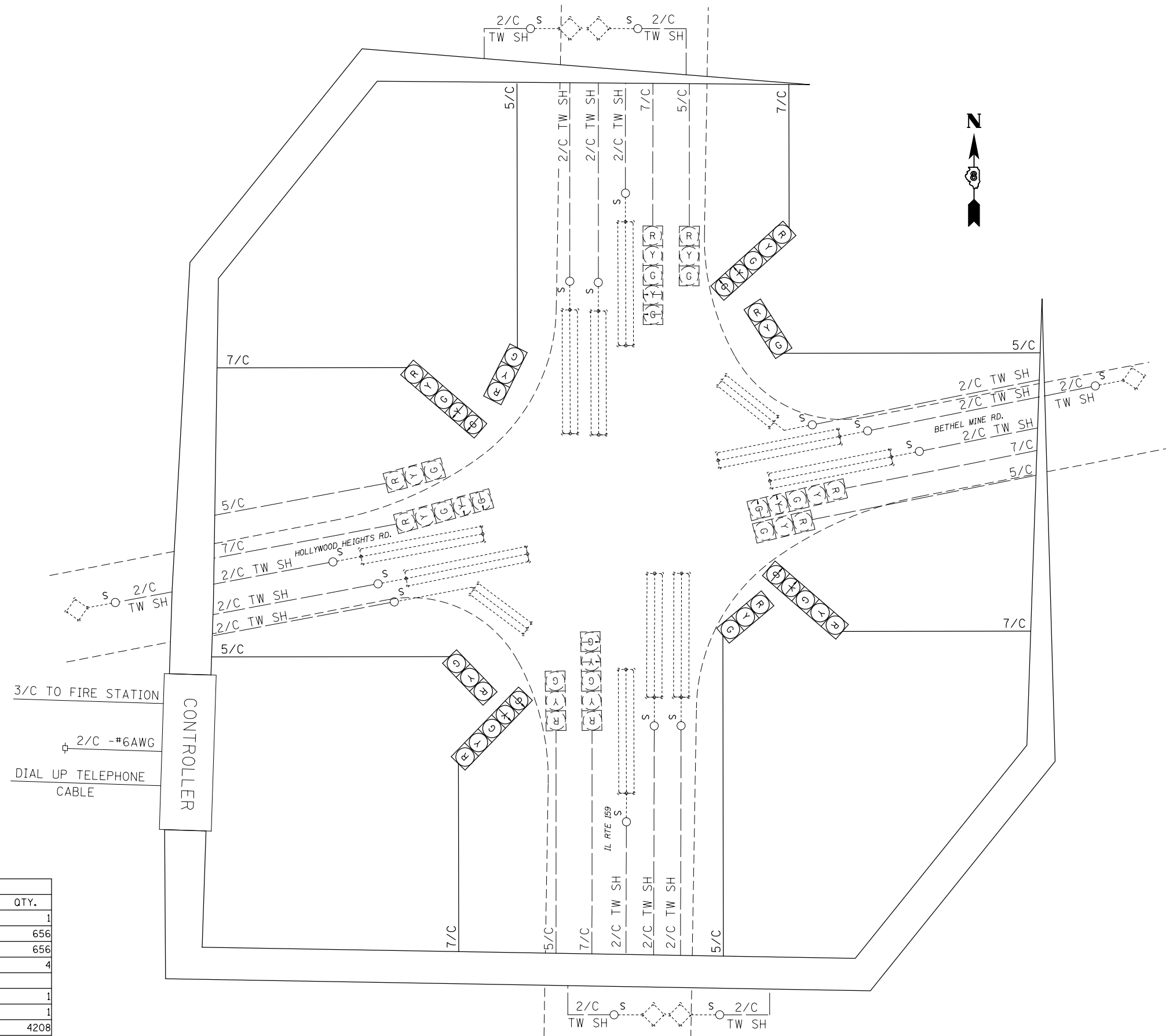
EXSE BM-EXHH02, 2.5" COND.-2'  
 REM & RE ELCBL FR CON-67'2'  
 REM & RE ELCBL FR CON-50'  
 ELCBL C SIGNAL 14 5C-18'  
 ELCBL C SIGNAL 14 7C-18'  
 SH P LED 2F 1-3 1-5 BM-1(EACH)



\*\*\*MADISON & ST. CLAIR

### CABLE DIAGRAM LEGEND

-  PROPOSED ELECTRIC CABLE IN CONDUIT
-  EXISTING ELECTRIC CABLE IN CONDUIT
-  EXISTING CABLE SPLICE
-  INDICATES NUMBER OF CONDUCTORS IN CABLE
-  TWISTED AND SHIELDED CABLE
-  INDICATES AMERICAN WIRE GAUGE (AWG) SIZE 6 CONDUCTOR
-  EXISTING SERVICE INSTALLATION



SCHEDULE OF QUANTITIES			
CODE NO.	ITEM	UNIT	QTY.
70102637	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	EACH	1
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	656
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	656
88040260	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	4
89502200	MODIFY EXISTING CONTROLLER	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	4208

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		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 159 & HOLLYWOOD HEIGHTS (CASEVILLE, ST. CLAIR CNTY.)  
WIRING DIAGRAM**

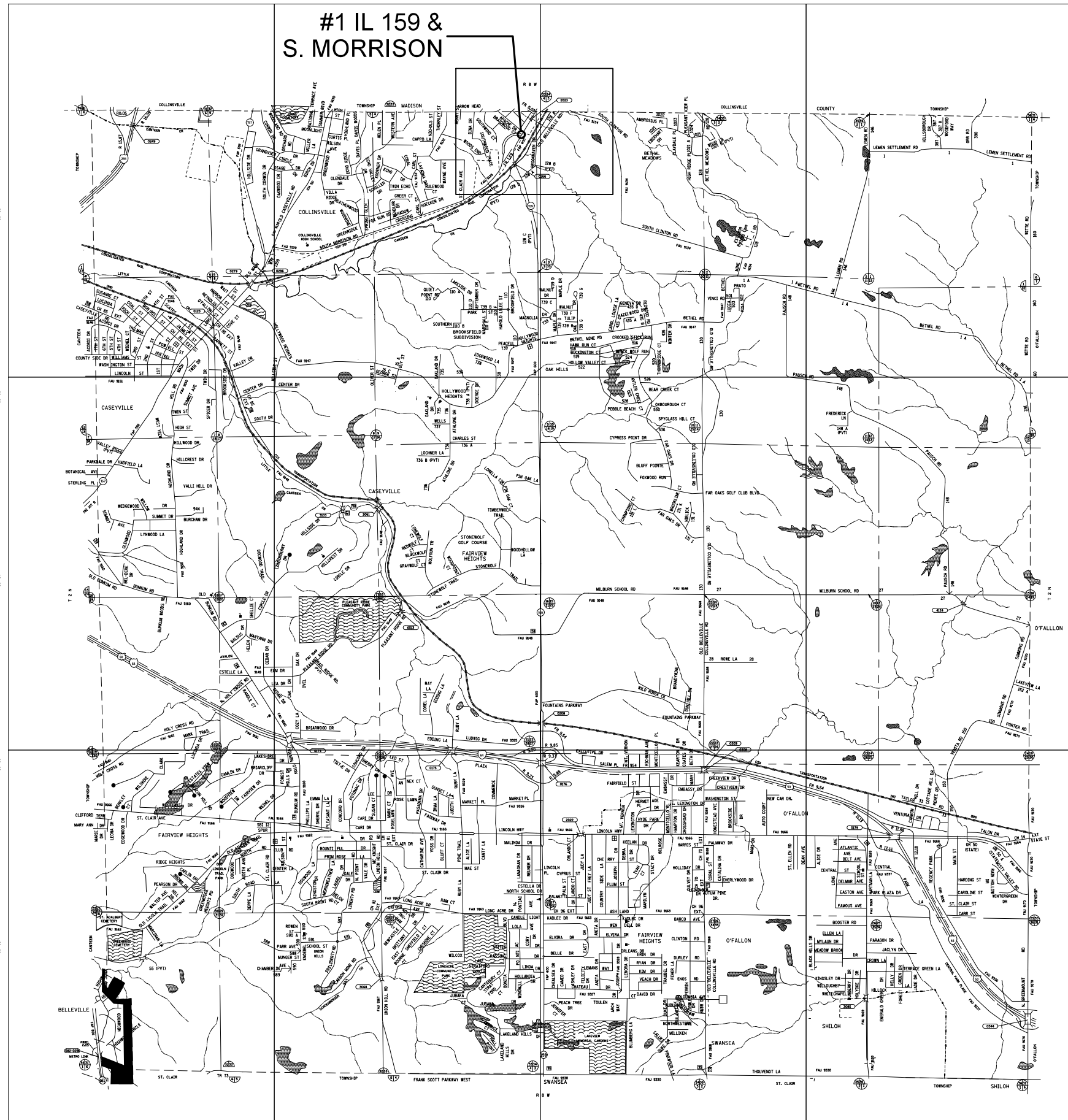
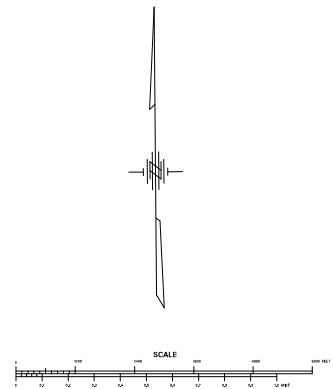
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RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•		DIST 8 TS 2017-1	••	136	132
••=VARIOUS				CONTRACT NO. 76J22	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

\*\*\*MADISON & ST. CLAIR



# #1 IL 159 & S. MORRISON



\*\*=MADISON & ST. CLAIR

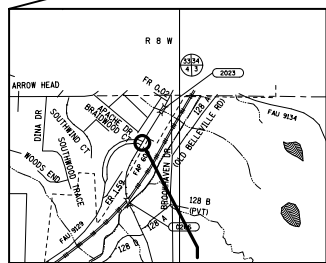
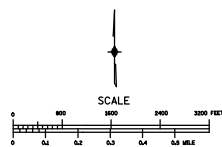
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		DATE -	REVISED -

## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

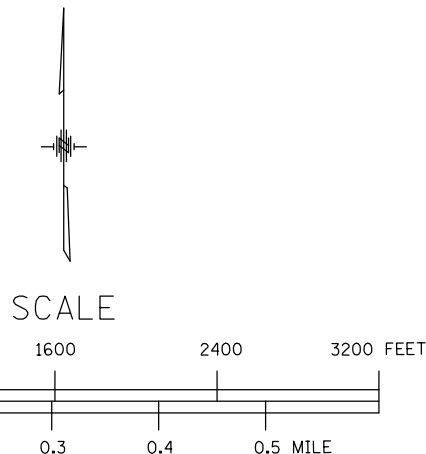
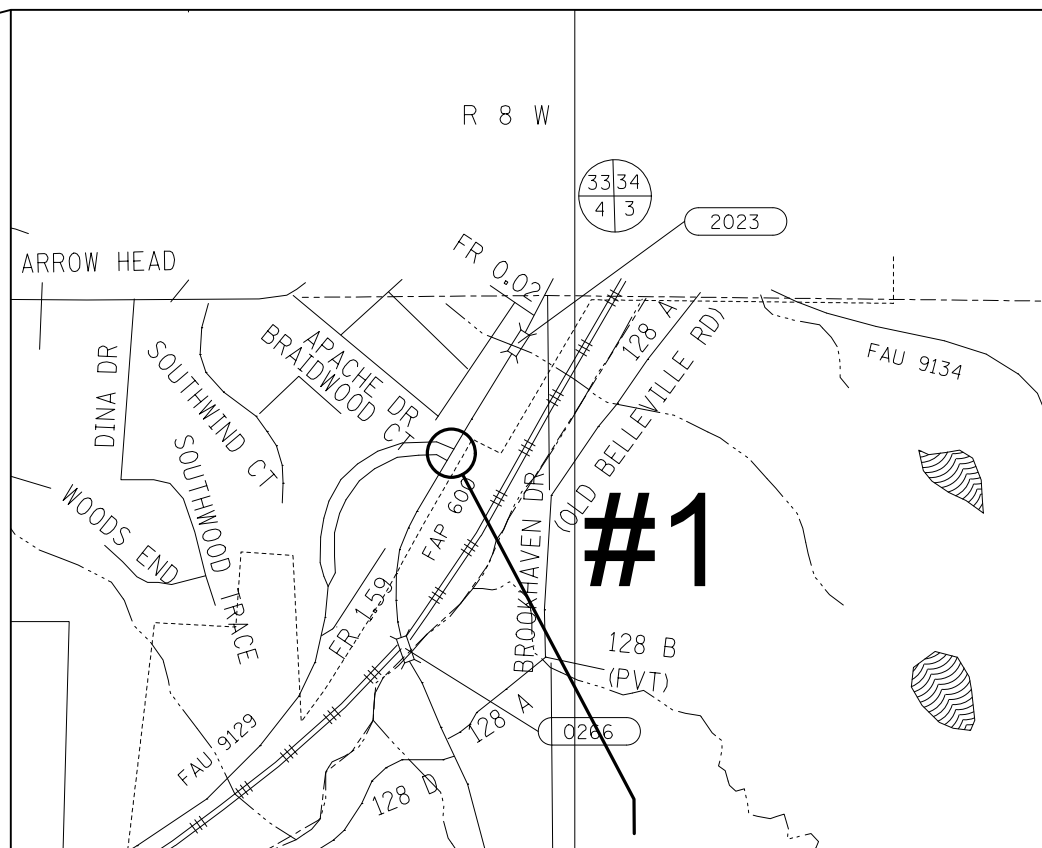
### LOCATION MAP COLLINSVILLE, ST. CLAIR CNTY. 1 OF 2

SCALE: SHEET NO. OF SHEETS STA. TO STA.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	DIST 8 TS 2017-1	**	136	133
*=VARIOUS				CONTRACT NO. 76J22
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



#1 IL 159 &  
S. MORRISON



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	PLOT DATE = 10/21/2016		

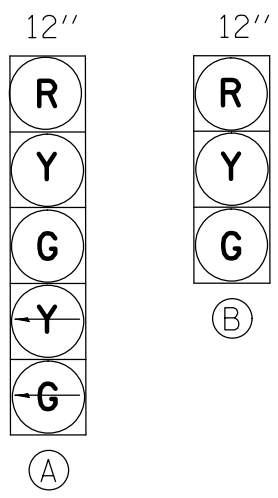
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION MAP  
CASEVILLE, ST. CLAIR CNTY.  
2 OF 2

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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		***MADISON & ST. CLAIR	
ROUTE.	SECTION	COUNTY	TOTAL SHEETS SHEET NO.
•	DIST 8 TS 2017-1	**	136 134
•=VARIOUS		CONTRACT NO. 76J22	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

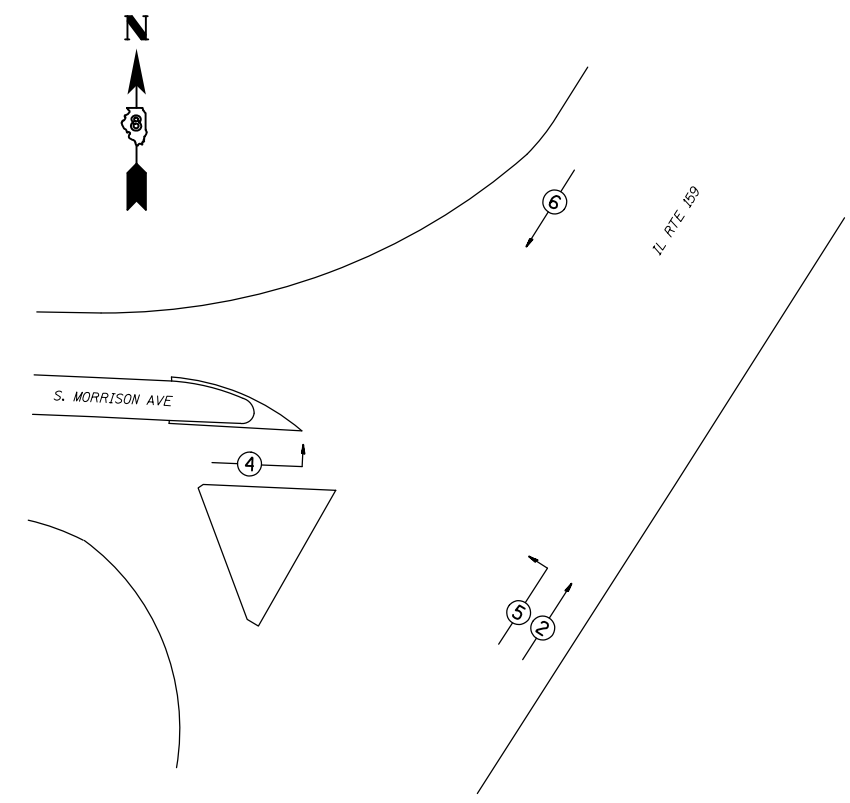
SEE CABLE DIAGRAM FOR "SCHEDULE OF QUANTITIES"



PROPOSED TRAFFIC SIGNAL FACES

EXISTING FULL-ACTUATED CONTROLLER

EXISTING SEQUENCE OF OPERATION								
PHASE	1	2	3	4	5	6	7	8
MOVEMENT	NOT USED	↗	NOT USED	↘	↗	↘	NOT USED	NOT USED
CONCURRENT MOVEMENT PERMITTED		5 OR 6		NONE	2	2		



PHASE DESIGNATION DIAGRAM

PRNW BM-EXCCTRL, 1.5" COND.-5'  
 LOCATE UNDERGR CABLE-10'  
 CONC FDN TY A-5'  
 UNDRGRD C PVC 1 1/2-5'  
 DRILL EX HANDHOLE-1 (EACH)  
 TS POST A 14-1 (EACH)  
 ELCBL C SIGNAL 14 5C-21'  
 ELCBL C SIGNAL 14 7C-21'  
 SH P LED 2F 1-3 1-5 BM-1 (EACH)

EXHH04-EXDHH01, EX. 2.5"  
 8-REM & RE ELCBL FR CON-126'  
 ELCBL C SIGNAL 14 5C-132'

EXHH03-EXHH04, EX. 2" COND.-57'  
 6-REM & RE ELCBL FR CON-63'  
 ELCBL C SIGNAL 14 5C-63'

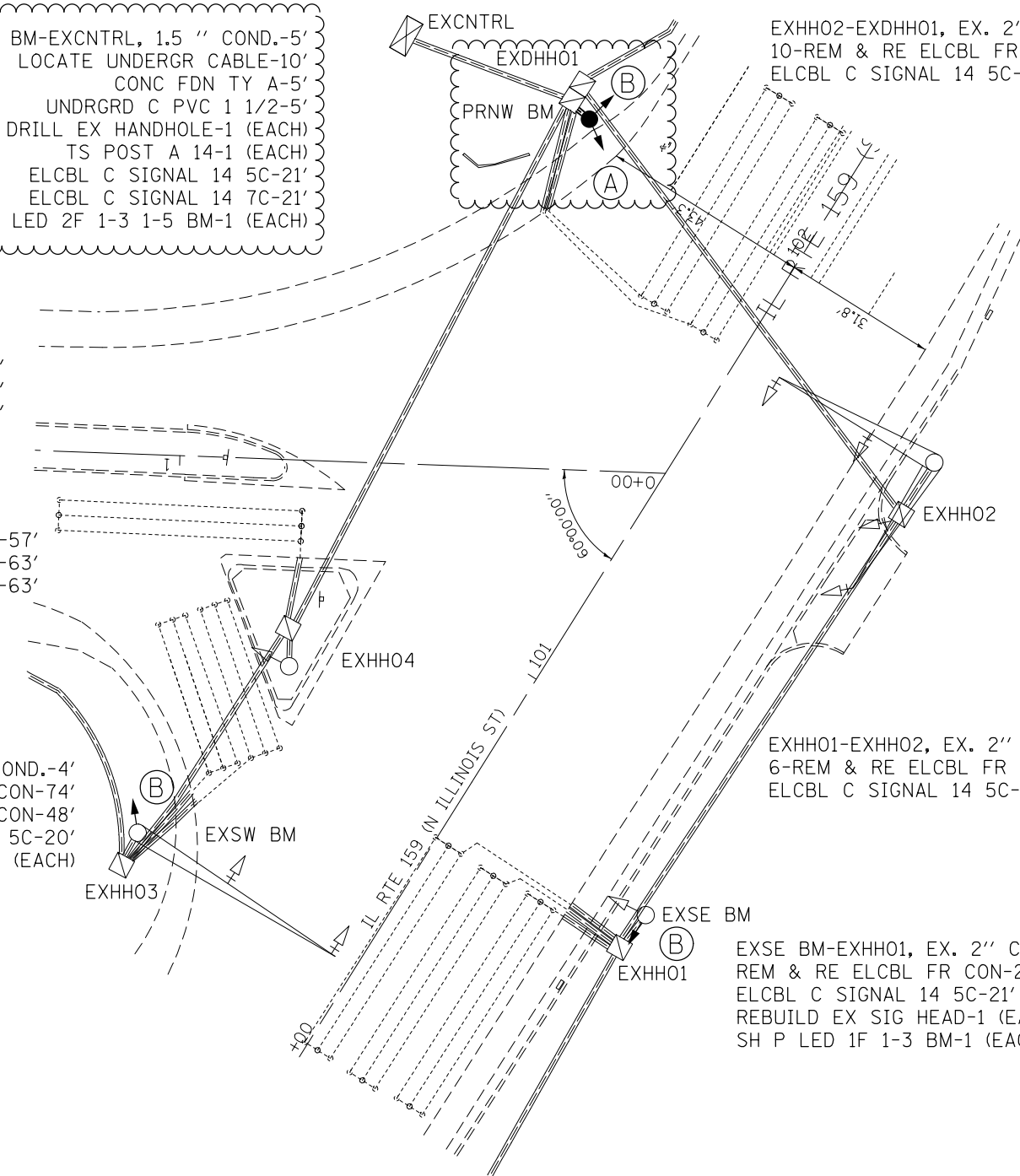
EXSW BM-EXHH03, EX. 2.5" COND.-4'  
 REM & RE ELCBL FR CON-74'  
 REM & RE ELCBL FR CON-48'  
 ELCBL C SIGNAL 14 5C-20'  
 SH P LED 1F 1-3 BM-1 (EACH)

EXDHH01-EXCCTRL, EX. 4" COND.-33'  
 22-REM & RE ELCBL FR CON-49'  
 3-ELCBL C SIGNAL 14 5C-65' (EACH)  
 ELCBL C SIGNAL 14 7C-81'

EXHH02-EXDHH01, EX. 2" COND.-106'  
 10-REM & RE ELCBL FR CON-112' (EACH)  
 ELCBL C SIGNAL 14 5C-112'

EXHH01-EXHH02, EX. 2" COND.-103'  
 6-REM & RE ELCBL FR CON-109' (EACH)  
 ELCBL C SIGNAL 14 5C-109'

EXSE BM-EXHH01, EX. 2" COND.-5'  
 REM & RE ELCBL FR CON-21'  
 ELCBL C SIGNAL 14 5C-21'  
 REBUILD EX SIG HEAD-1 (EACH)  
 SH P LED 1F 1-3 BM-1 (EACH)



\*\*\*MADISON & ST. CLAIR

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

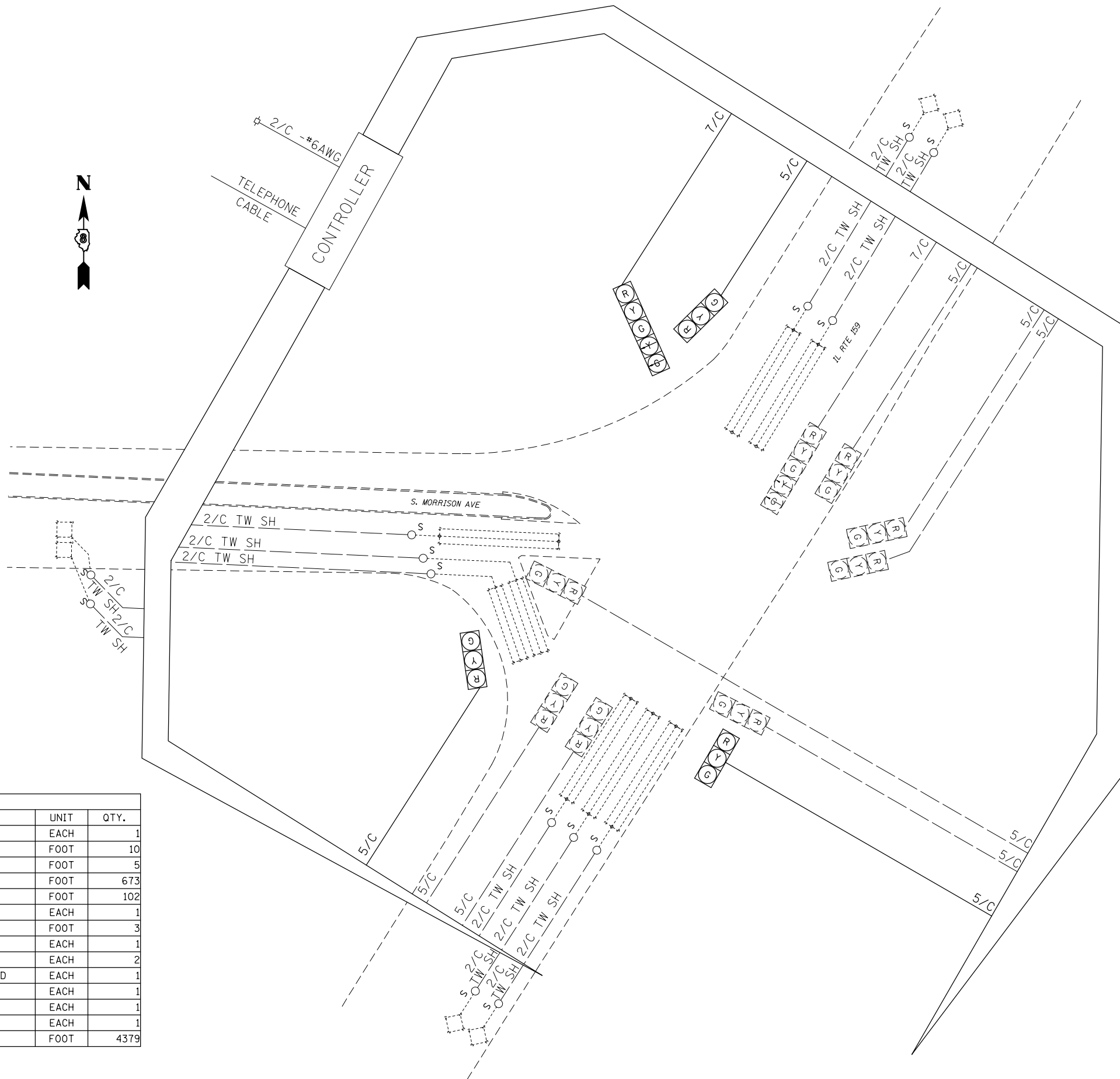
IL 159 & S MORRISON (COLLINSVILLE, ST. CLAIR CNTY.)  
 TRAFFIC SIGNAL PLAN

SCALE: SHEET NO. OF SHEETS STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	DIST 8 TS 2017-1	**	136	135
**=VARIOUS			CONTRACT NO. 76J22	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

**CABLE DIAGRAM LEGEND**

- PROPOSED ELECTRIC CABLE IN CONDUIT
- - - EXISTING ELECTRIC CABLE IN CONDUIT
- S EXISTING CABLE SPLICE
- 2/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- TW SH TWISTED AND SHIELDED CABLE
- #6 INDICATES AMERICAN WIRE GAUGE (AWG) SIZE 6 CONDUCTOR
- EXISTING SERVICE INSTALLATION



**SCHEDULE OF QUANTITIES**

CODE NO.	ITEM	UNIT	QTY.
70102637	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	EACH	1
80300100	LOCATING UNDERGROUND CABLE	FOOT	10
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	5
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	673
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	102
87502680	TRAFFIC SIGNAL POST, ALUMINUM 14 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	3
87900200	DRILL EXISTING HANDHOLE	EACH	1
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
88040260	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	1
89502100	REBUILD EXISTING SIGNAL HEAD	EACH	1
89502200	MODIFY EXISTING CONTROLLER	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	4379

FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -
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	PLOT SCALE = 33.3333 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/21/2016	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 159 & S MORRISON (COLLINSVILLE, ST. CLAIR CNTY.)  
WIRING DIAGRAM**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

\*\*\*MADISON & ST. CLAIR

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	DIST 8 TS 2017-1	**	136	136
**=VARIOUS			CONTRACT NO. 76J22	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		