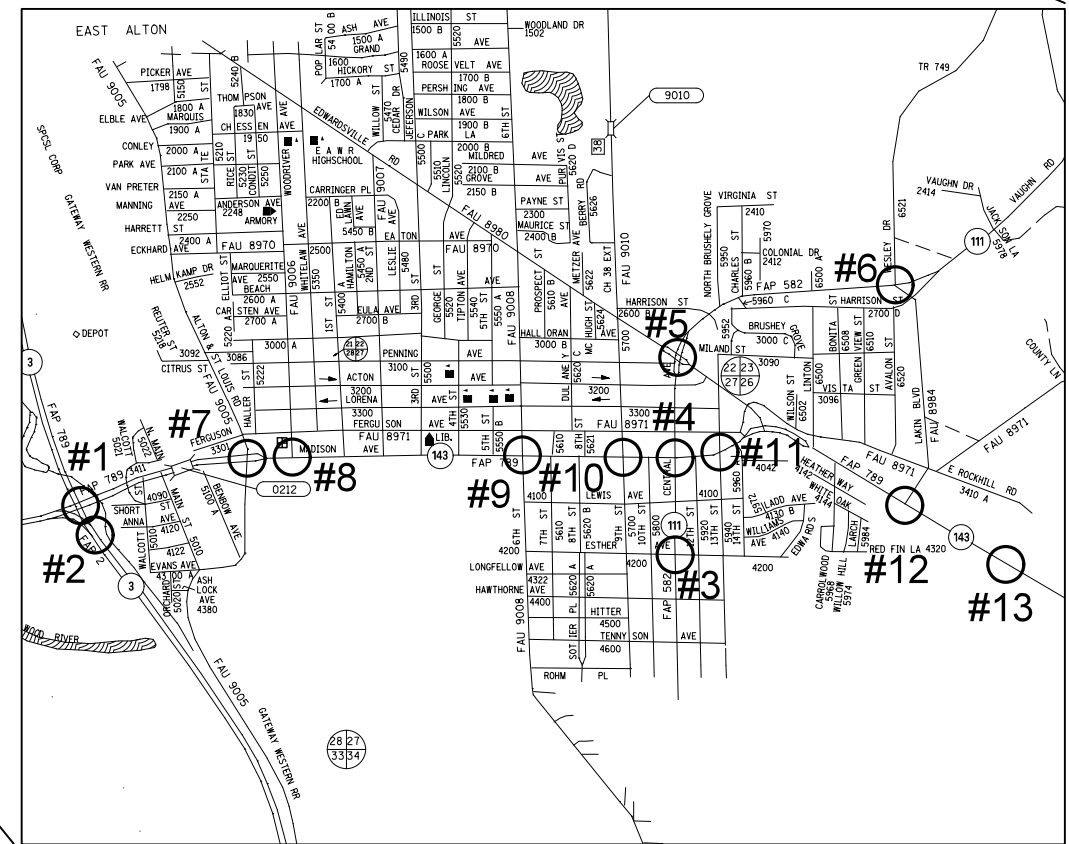
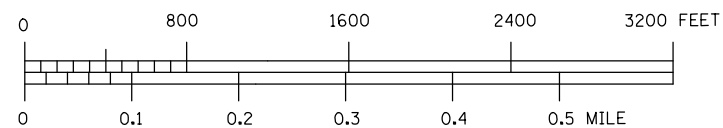


- #1 IL 3 & IL 143 MAIN
- #2 IL 3 & IL 143 S JCT
- #3 IL 111 & ESTHER
- #4 IL 111 & IL 143
- #5 IL 111 & EDWARDSVILLE
- #6 IL 111 & WESLEY
- #7 IL 143 & OLD ST LOUIS
- #8 IL 143 & WOOD RIVER
- #9 IL 143 & 6TH
- #10 IL 143 & 9TH
- #11 IL 143 & 13TH
- #12 IL 143 & LAKIN
- #13 IL 143 & SHOP N SAVE



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	PLOT DATE = 3/18/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LOCATION
MAP WOOD RIVER, MADISON CNTY.**

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

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	DIST 8 TS 2016-2	*	126	101
* = VARIOUS			CONTRACT NO. 76J21	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

12"

R
Y
G

(A)

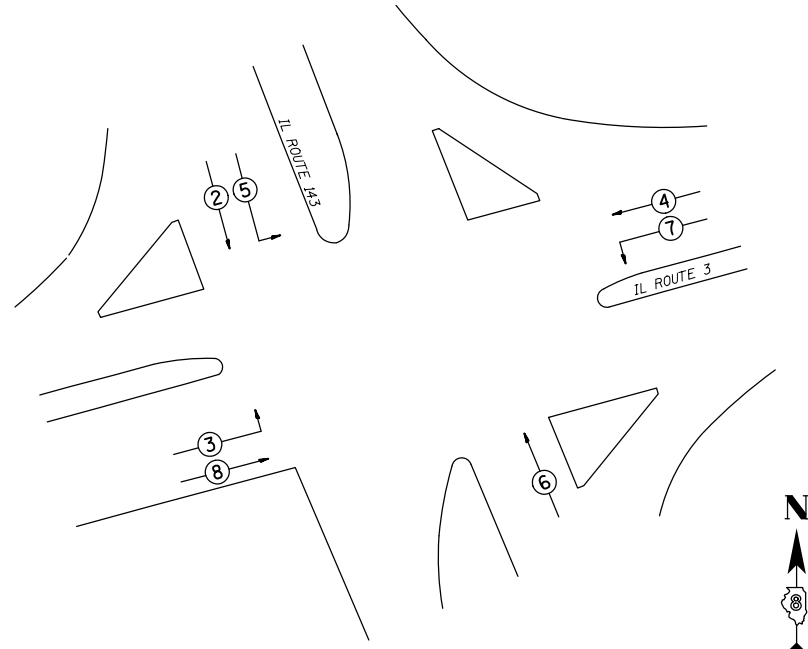
PROPOSED TRAFFIC SIGNAL FACES

EXISTING FULL-ACTUATED CONTROLLER

EXISTING SEQUENCE OF OPERATION										
PHASE	1	2	3	4	5	6	7	8	O.L. B	O.L. D
MOVEMENT	↖	↘	↗	↙	↘	↖	↗	↙	↘	
CONCURRENT MOVEMENT PERMITTED	5 OR 6	O.L. B + 6	7 OR 8 O.L. C	8 OR 7 O.L. C	8 OR 1 O.L. A	1 OR 2	O.L. B + 2	O.L. C + 3	2 + 7	1 + 8

* PEDSTRIAN MOVEMENT ON ACTUATION ONLY

SEE CABLE DIAGRAM FOR "SCHEDULE OF QUANTITIES"



PHASE DESIGNATION DIAGRAM



EXNW BM-EXHH04, EX. 2" COND.-43'
REM & RE ELCBL FR CON-116'
REM & RE ELCBL FR CON-101'
ELCBL C SIGNAL 14 5C-59'
SH P LED 1F 1-3 BM-1 (EACH)

EXHH04-EXHH05, EX. 2" COND.-34'
6-REM & RE ELCBL FR CON-41' (EACH)
ELCBL C SIGNAL 14 5C-41'

EXHH05-EXDHH01, EX. 2" COND.-52'
10-REM & RE ELCBL FR CON-59' (EACH)
ELCBL C SIGNAL 14 5C-59'

EXDHH01-EXCNTRL, EX. 2-4" COND.-10.5'
37-REM & RE ELCBL FR CON-26' (EACH)
3-ELCBL C SIGNAL 14 5C-26' (EACH)

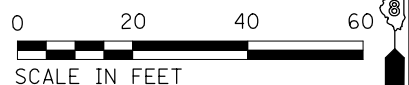
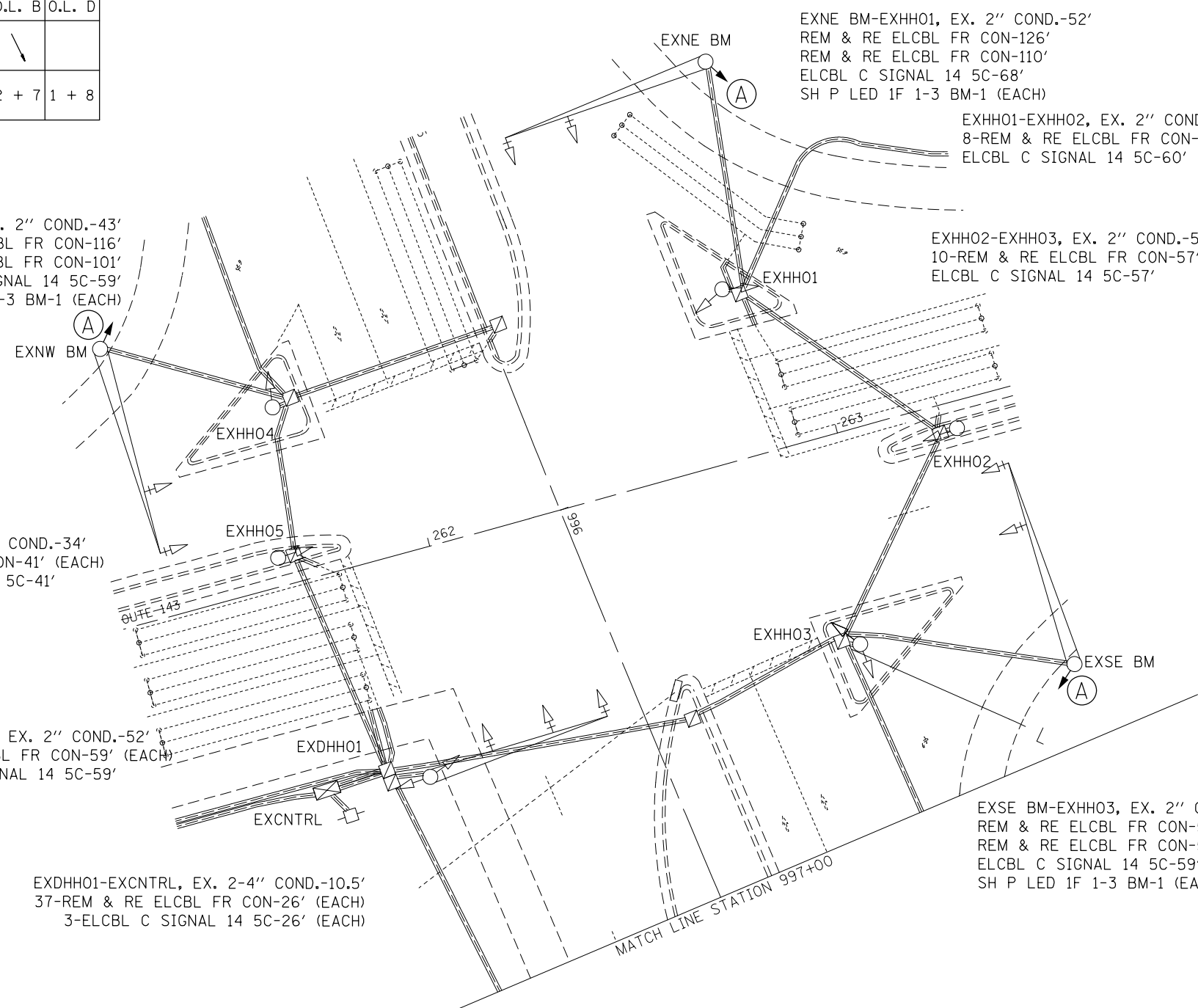
EXNE BM-EXHH01, EX. 2" COND.-52'
REM & RE ELCBL FR CON-126'
REM & RE ELCBL FR CON-110'
ELCBL C SIGNAL 14 5C-68'
SH P LED 1F 1-3 BM-1 (EACH)

EXHH01-EXHH02, EX. 2" COND.-54'
8-REM & RE ELCBL FR CON-60' (EACH)
ELCBL C SIGNAL 14 5C-60'

EXHH02-EXHH03, EX. 2" COND.-50'
10-REM & RE ELCBL FR CON-57' (EACH)
ELCBL C SIGNAL 14 5C-57'

EXSE BM-EXHH03, EX. 2" COND.-53'
REM & RE ELCBL FR CON-59'
REM & RE ELCBL FR CON-59'
ELCBL C SIGNAL 14 5C-59'
SH P LED 1F 1-3 BM-1 (EACH)

EXHH03-EXDHH01, EX. 3" COND.-107'
16-REM & RE ELCBL FR CON-113' (EACH)
2-ELCBL C SIGNAL 14 5C-113' (EACH)



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	PLOT DATE = 3/18/2016	DATE -	REVISED -

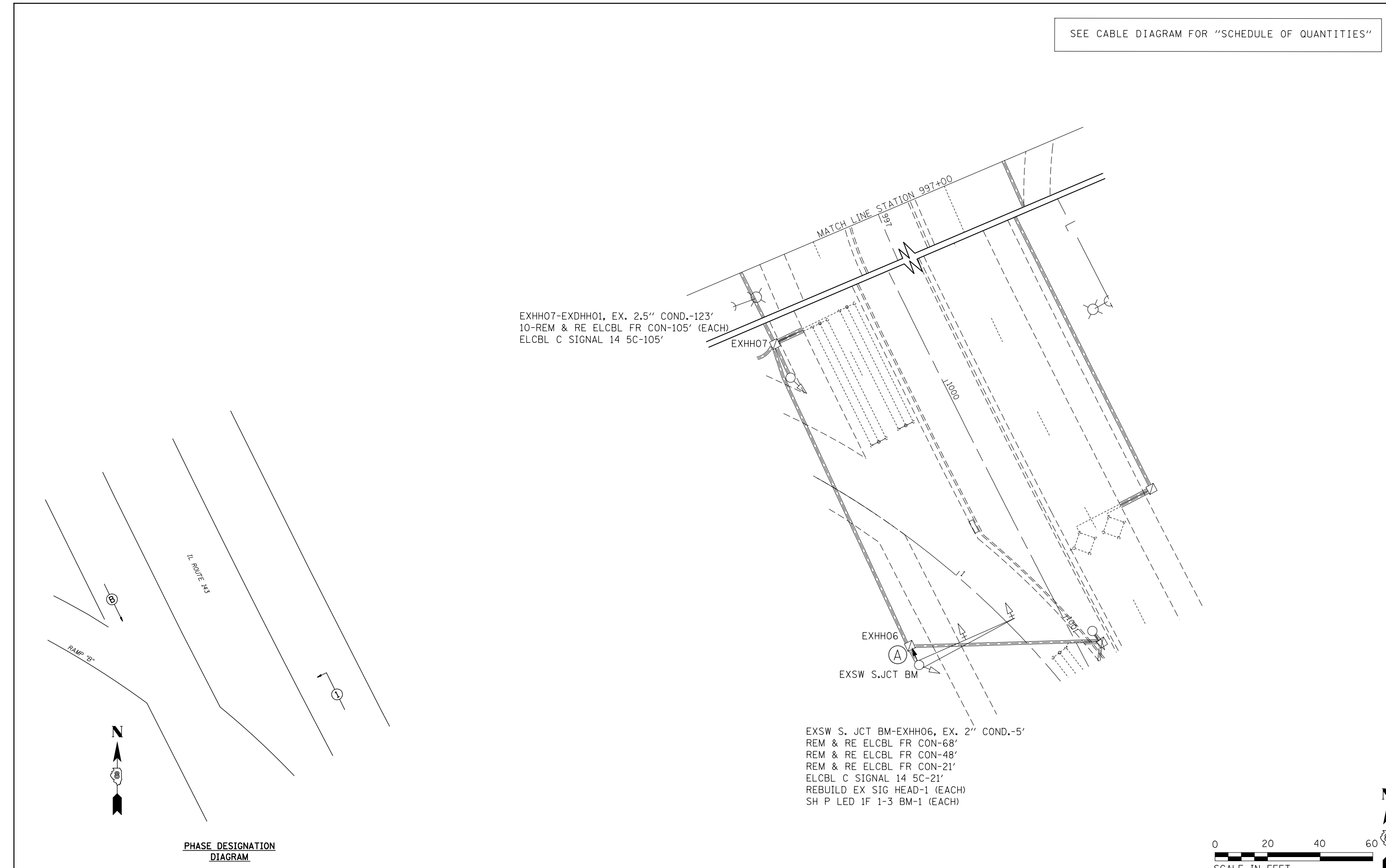
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 3 & IL 143 MAIN (WOOD RIVER, MADISON CNTY.)
TRAFFIC SIGNAL PLAN

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

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	Dist 8 TS 2016-2	•	126	102
•=VARIOUS			CONTRACT NO. 76J21	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SEE CABLE DIAGRAM FOR "SCHEDULE OF QUANTITIES"



EXHH07-EXDHH01, EX. 2.5" COND.-123'
 10-REM & RE ELCBL FR CON-105' (EACH)
 ELCBL C SIGNAL 14 5C-105'

EXSW S. JCT BM-EXHH06, EX. 2" COND.-5'
 REM & RE ELCBL FR CON-68'
 REM & RE ELCBL FR CON-48'
 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)

PHASE DESIGNATION
 DIAGRAM

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	PLOT DATE = 3/18/2016	DATE -	REVISED -

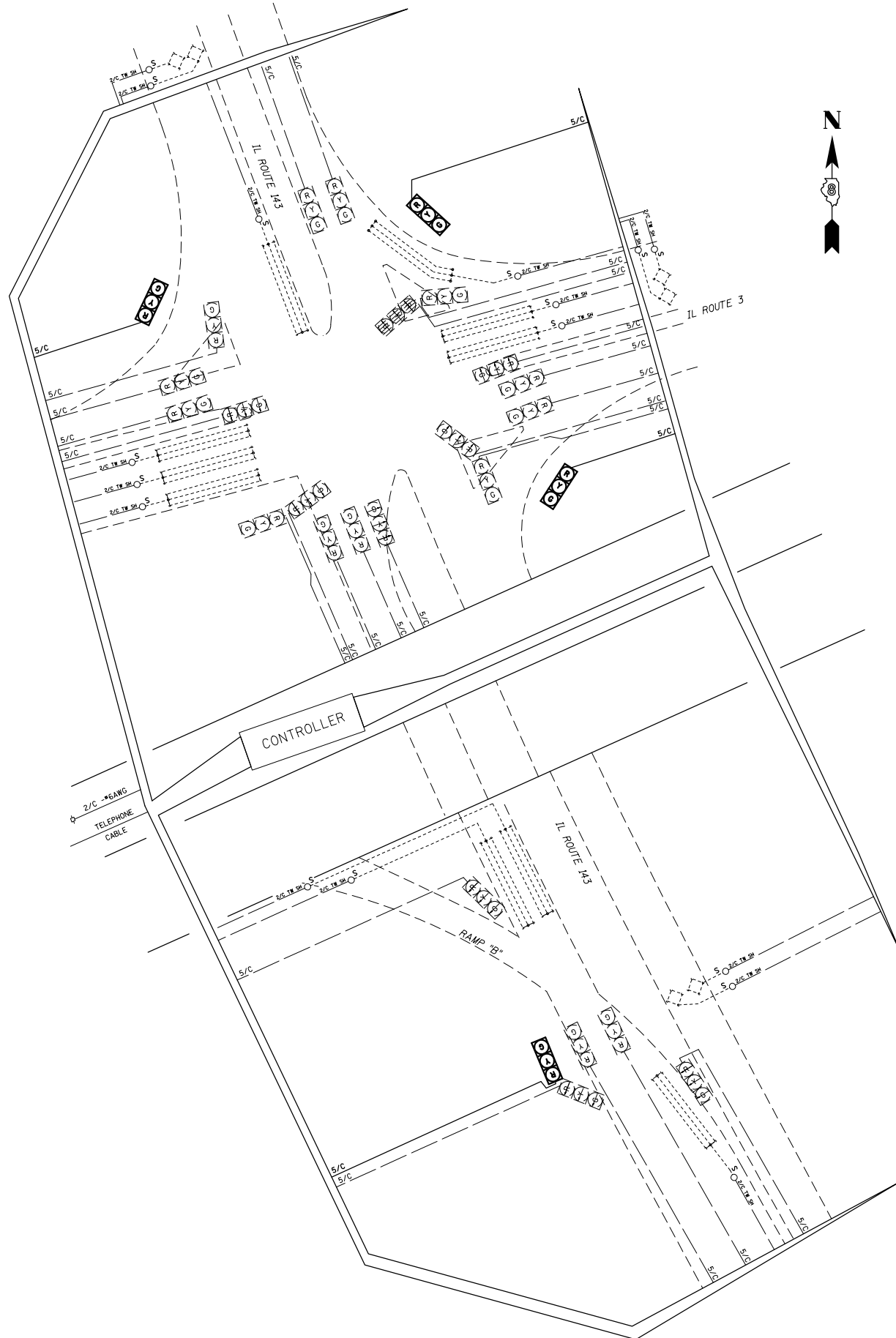
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 3 & IL 143 S JCT (WOOD RIVER, MADISON CNTY.) TRAFFIC SIGNAL PLAN			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	Dist 8 TS 2016-2	•	126	103
•=VARIOUS			CONTRACT NO. 76J21	
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
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1120
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
89502100	REBUILD EXISTING SIGNAL HEAD	EACH	1
89502200	MODIFY EXISTING CONTROLLER	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502330	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	8768

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		DATE -	REVISED -

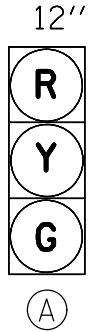
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 3 & IL 143 MAIN / S JCT (WOOD RIVER, MADISON CNTY.)
WIRING DIAGRAM**

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

RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	Dist 8 TS 2016-2	*	126	104
* = VARIOUS			CONTRACT NO. 76J21	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SEE CABLE DIAGRAM FOR "SCHEDULE OF QUANTITIES"



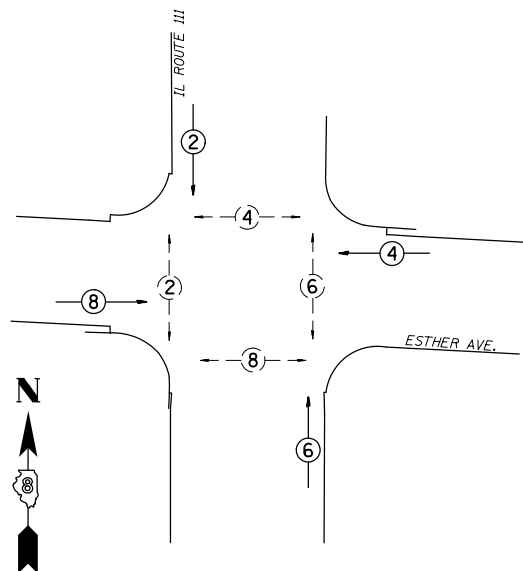
EXISTING FULL-ACTUATED CONTROLLER

EXISTING SEQUENCE OF OPERATION

PHASE	1	2	3	4	5	6	7	8
MOVEMENT	NOT USED	↑↓	NOT USED	←→*	NOT USED	↑↓*	NOT USED	←→*
CONCURRENT MOVEMENT PERMITTED		6		8		2		4

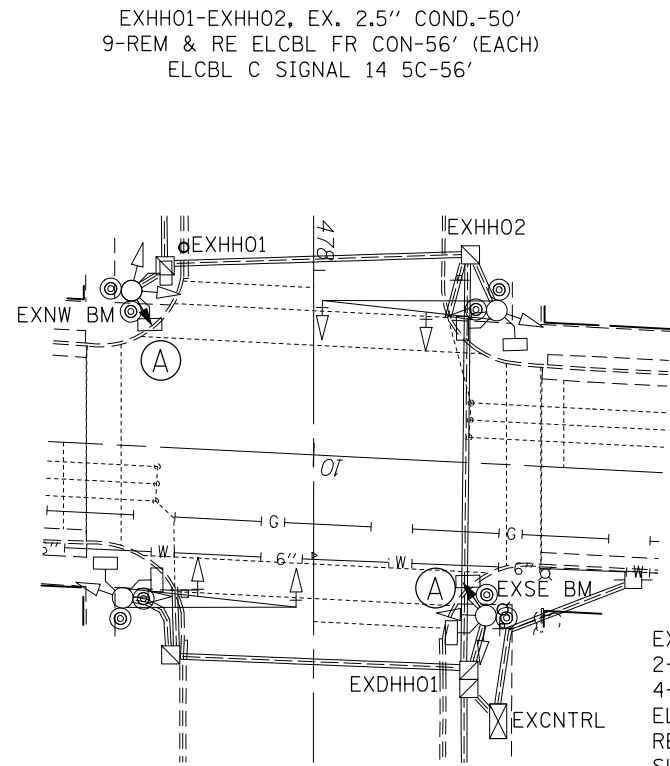
* PHASES 2&6 AND 4&8 SHALL TIME CONCURRENTLY. PEDSTRIAN MOVEMENT DISPLAYED UPON ACTUATION ONLY

PROPOSED TRAFFIC SIGNAL FACES



PHASE DESIGNATION DIAGRAM

EXNW BM-EXHH01, EX. 2" COND.-3'
 2-REM & RE ELCBL FR CON-12' (EACH)
 4-REM & RE ELCBL FR CON-19' (EACH)
 ELCBL C SIGNAL 14 5C-19'
 REBUILD EX SIG HEAD-1 (EACH)
 SH P LED 1F 1-3 BM-1 (EACH)



EXHH01-EXHH02, EX. 2.5" COND.-50'
 9-REM & RE ELCBL FR CON-56' (EACH)
 ELCBL C SIGNAL 14 5C-56'

EXHH02-EXDHH01, EX. 3.5" COND.-69'
 18-REM & RE ELCBL FR CON-76' (EACH)
 ELCBL C SIGNAL 14 5C-76'

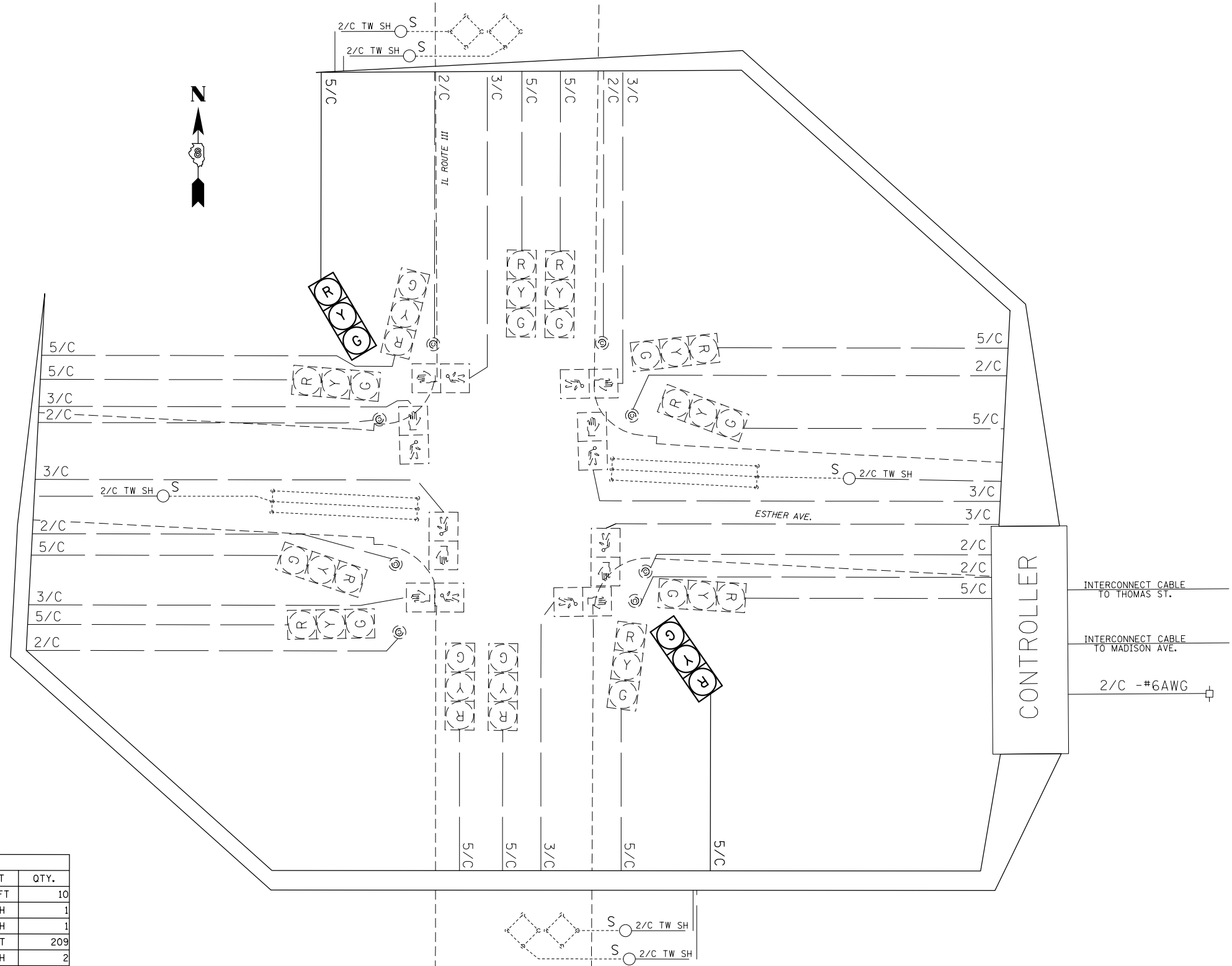
EXSE BM-EXDHH01, EX. 2" COND.-6'
 2-REM & RE ELCBL FR CON-15' (EACH)
 4-REM & RE ELCBL FR CON-22' (EACH)
 ELCBL C SIGNAL 14 5C-22'
 REBUILD EX SIG HEAD-1 (EACH)
 SH P LED 1F 1-3 BM-1 (EACH)

EXDHH01-EXCNTRL, EX. 2-3.5" COND.-2'
 36-REM & RE ELCBL FR CON-18' (EACH)
 2-ELCBL C SIGNAL 14 5C-18' (EACH)



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.
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	10
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	209
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
89502100	REBUILD EXISTING SIGNAL HEAD	EACH	2
89502200	MODIFY EXISTING CONTROLLER	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502330	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	2738
X4402020	CONCRETE MEDIAN SURFACE REMOVAL	SQ FT	10

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 111 & ESTHER (WOOD RIVER, MADISON CNTY.)
WIRING DIAGRAM**

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

RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	Dist 8 TS 2016-2	*	126	106
* = VARIOUS			CONTRACT NO. 76J21	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SEE CABLE DIAGRAM FOR "SCHEDULE OF QUANTITIES"

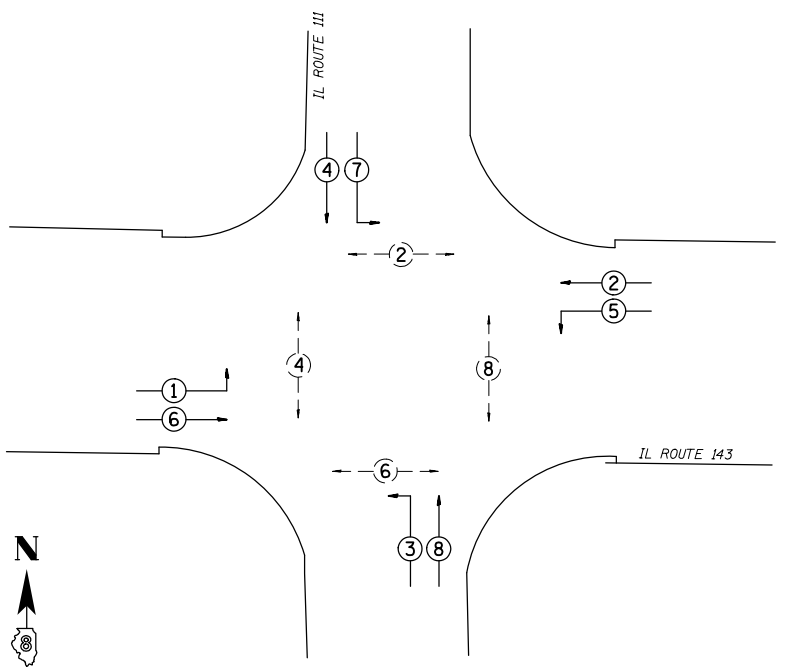


EXISTING FULL-ACTUATED CONTROLLER

EXISTING SEQUENCE OF OPERATION								
PHASE	1	2	3	4	5	6	7	8
MOVEMENT								
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

* PEDSTRIAN MOVEMENT ON ACTUATION ONLY

PROPOSED TRAFFIC SIGNAL FACES



PHASE DESIGNATION DIAGRAM

EXHH01-EXHH02, EX. 2.5" COND.-112'
10-REM & RE ELCBL FR CON-119' (EACH)
ELCBL C SIGNAL 14 7C-119'

EXHH02-EXHH03, EX. 2.5" COND.-24'
21-REM & RE ELCBL FR CON-31' (EACH)
ELCBL C SIGNAL 14 7C-31'

EXSW BM-EXHH03, EX. 2" COND.-11'
REM & RE ELCBL FR CON-74'
REM & RE ELCBL FR CON-61'
ELCBL C SIGNAL 14 7C-27'
SH P LED 1F 1-5 BM-1 (EACH)

EXNW BM-EXHH01, EX. 2" COND.-4'
REM & RE ELCBL FR CON-69'
REM & RE ELCBL FR CON-56'
2-REM & RE ELCBL FR CON-13' (EACH)
2-REM & RE ELCBL FR CON-20' (EACH)
ELCBL C SIGNAL 14 7C-20'
SH P LED 1F 1-5 BM-1 (EACH)

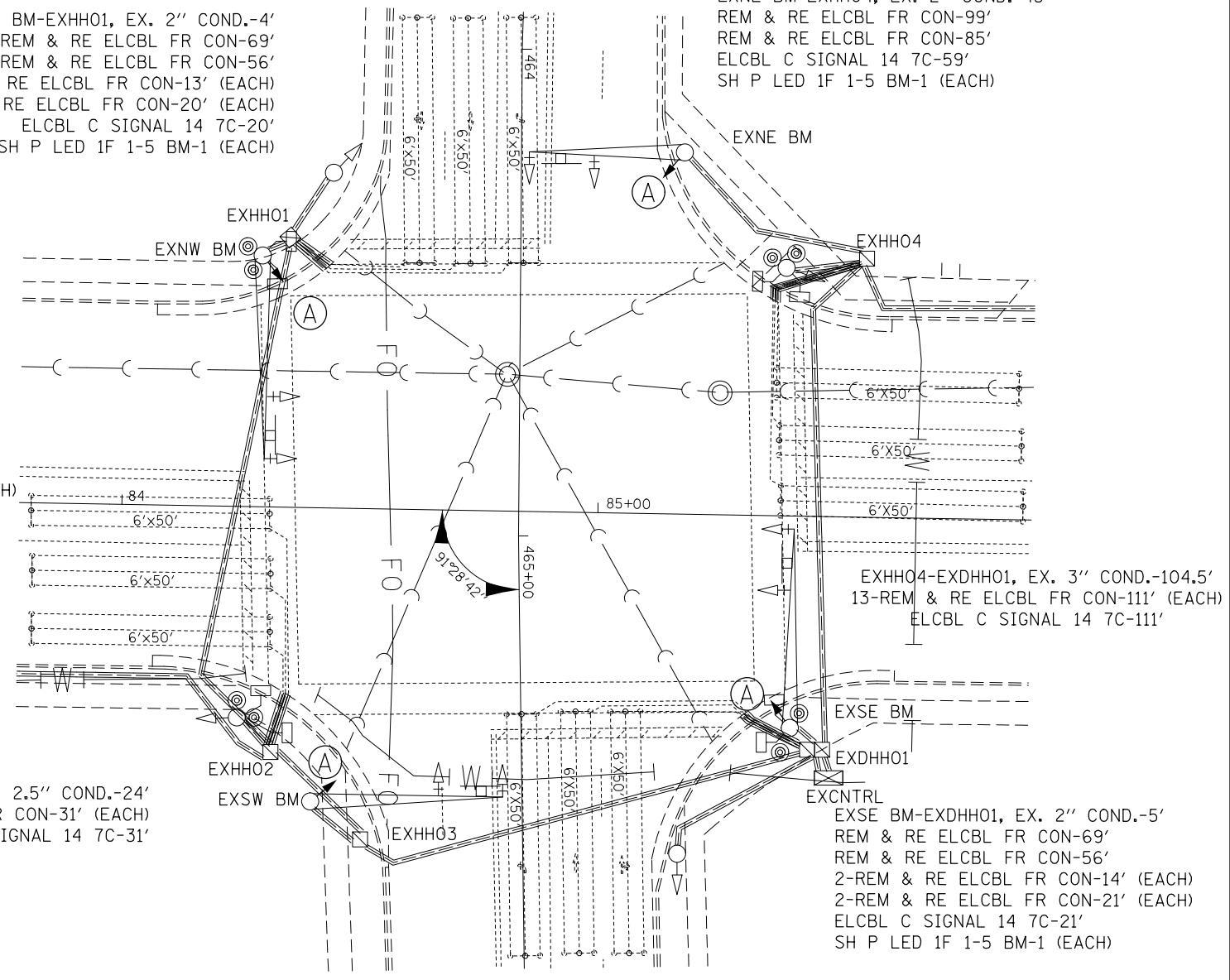
EXNE BM-EXHH04, EX. 2" COND.-43'
REM & RE ELCBL FR CON-99'
REM & RE ELCBL FR CON-85'
ELCBL C SIGNAL 14 7C-59'
SH P LED 1F 1-5 BM-1 (EACH)

EXHH04-EXDHH01, EX. 3" COND.-104.5'
13-REM & RE ELCBL FR CON-111' (EACH)
ELCBL C SIGNAL 14 7C-111'

EXSE BM-EXDHH01, EX. 2" COND.-5'
REM & RE ELCBL FR CON-69'
REM & RE ELCBL FR CON-56'
2-REM & RE ELCBL FR CON-14' (EACH)
2-REM & RE ELCBL FR CON-21' (EACH)
ELCBL C SIGNAL 14 7C-21'
SH P LED 1F 1-5 BM-1 (EACH)

EXDHH01-EXCNTRL, EX. 2-4" COND.-3'
46-REM & RE ELCBL FR CON-19' (EACH)
4-ELCBL C SIGNAL 14 7C-19' (EACH)

EXHH03-EXDHH01, EX. 3" COND.-95'
23-REM & RE ELCBL FR CON-101' (EACH)
2-ELCBL C SIGNAL 14 7C-101' (EACH)



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	PLOT DATE = 3/18/2016	DATE -	REVISED -



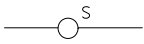
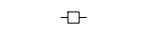
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

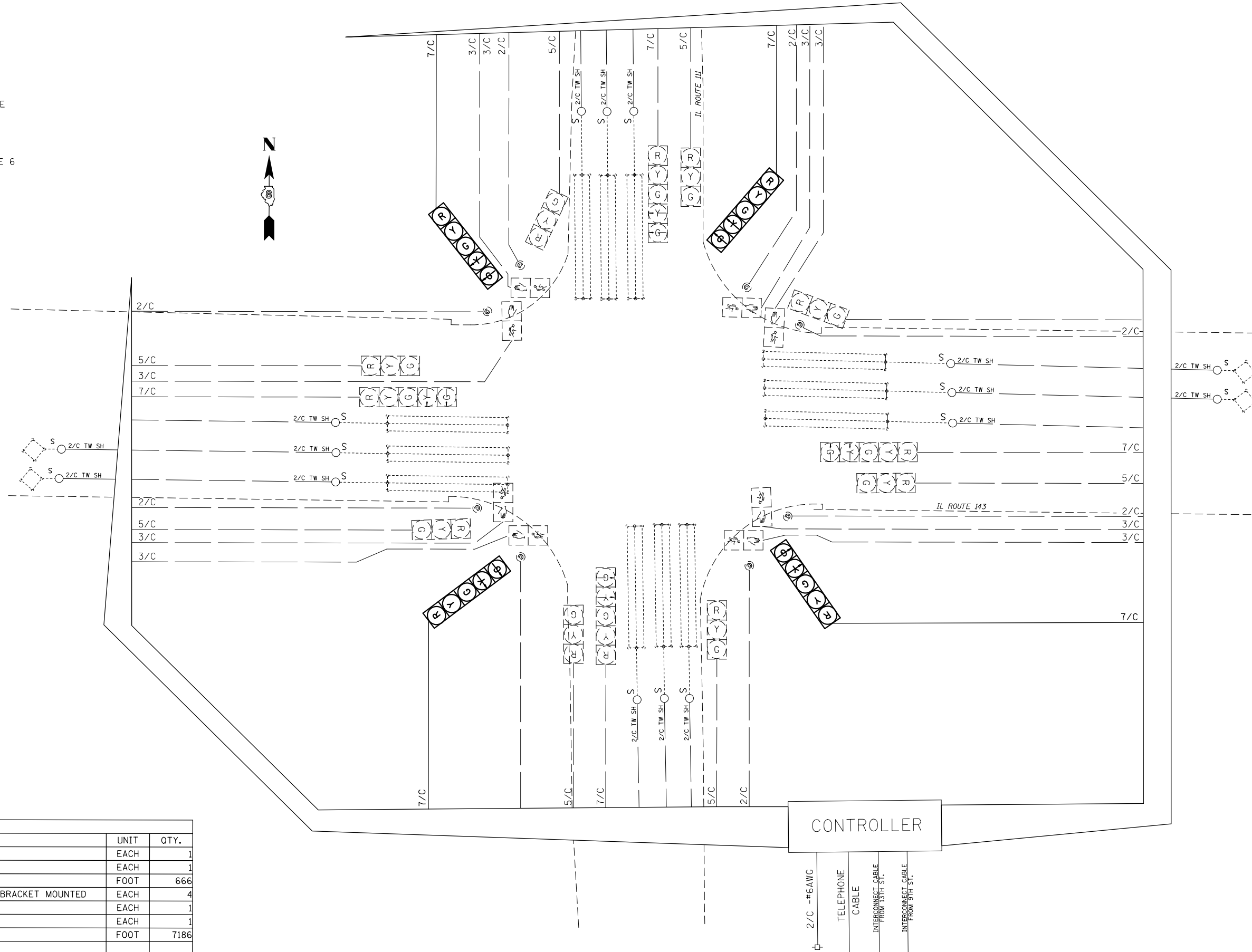
IL 111 & IL 143 (WOOD RIVER, MADISON CNTY.)
TRAFFIC SIGNAL PLAN

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

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	Dist 8 TS 2016-2	•	126	107
•=VARIOUS			CONTRACT NO. 76J21	
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
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	666
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4
89502200	MODIFY EXISTING CONTROLLER	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502330	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	7186

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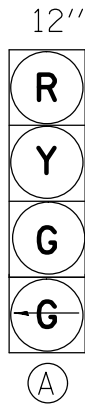
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 111 & IL 143 (WOOD RIVER, MADISON CNTY.)
WIRING DIAGRAM**

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

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	Dist 8 TS 2016-2	•	126	108
•=VARIOUS			CONTRACT NO. 76J21	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SEE CABLE DIAGRAM FOR "SCHEDULE OF QUANTITIES"

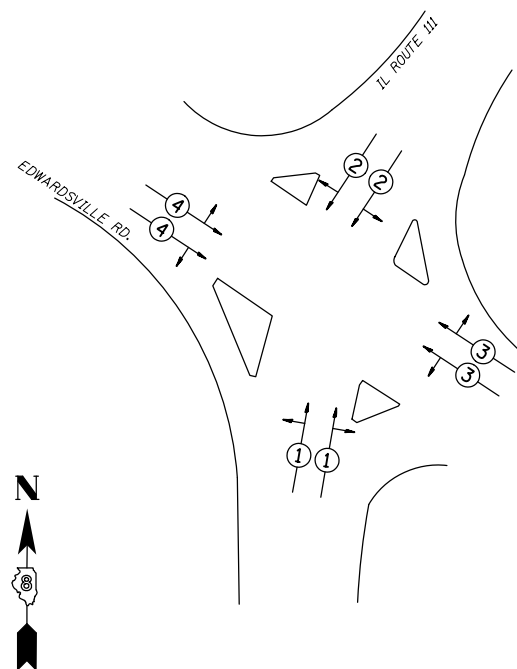


EXISTING FULL-ACTUATED CONTROLLER

EXISTING SEQUENCE OF OPERATION

PHASE	1	2	3	4	5	6	7	8
MOVEMENT					NOT USED	NOT USED	NOT USED	NOT USED
CONCURRENT MOVEMENT PERMITTED	NONE	NONE	NONE	NONE				

PROPOSED TRAFFIC SIGNAL FACES



PHASE DESIGNATION DIAGRAM

EXSW BM-EXHH02, EX. 2" COND.-32.5'
 REM & RE ELCBL FR CON-108'
 REM & RE ELCBL FR CON-96'
 REM & RE ELCBL FR CON-49'
 ELCBL C SIGNAL 14 7C-49'
 SH P LED 1F 1-4 BM-1 (EACH)

EXHH01-EXHH02, EX. 2" COND.-73'
 8-REM & RE ELCBL FR CON-80' (EACH)
 ELCBL C SIGNAL 14 7C-80'

EXNW BM-EXHH01, EX. 2" COND.-35'
 REM & RE ELCBL FR CON-100'
 REM & RE ELCBL FR CON-87'
 REM & RE ELCBL FR CON-51'
 ELCBL C SIGNAL 14 7C-51'
 SH P LED 1F 1-4 BM-1 (EACH)

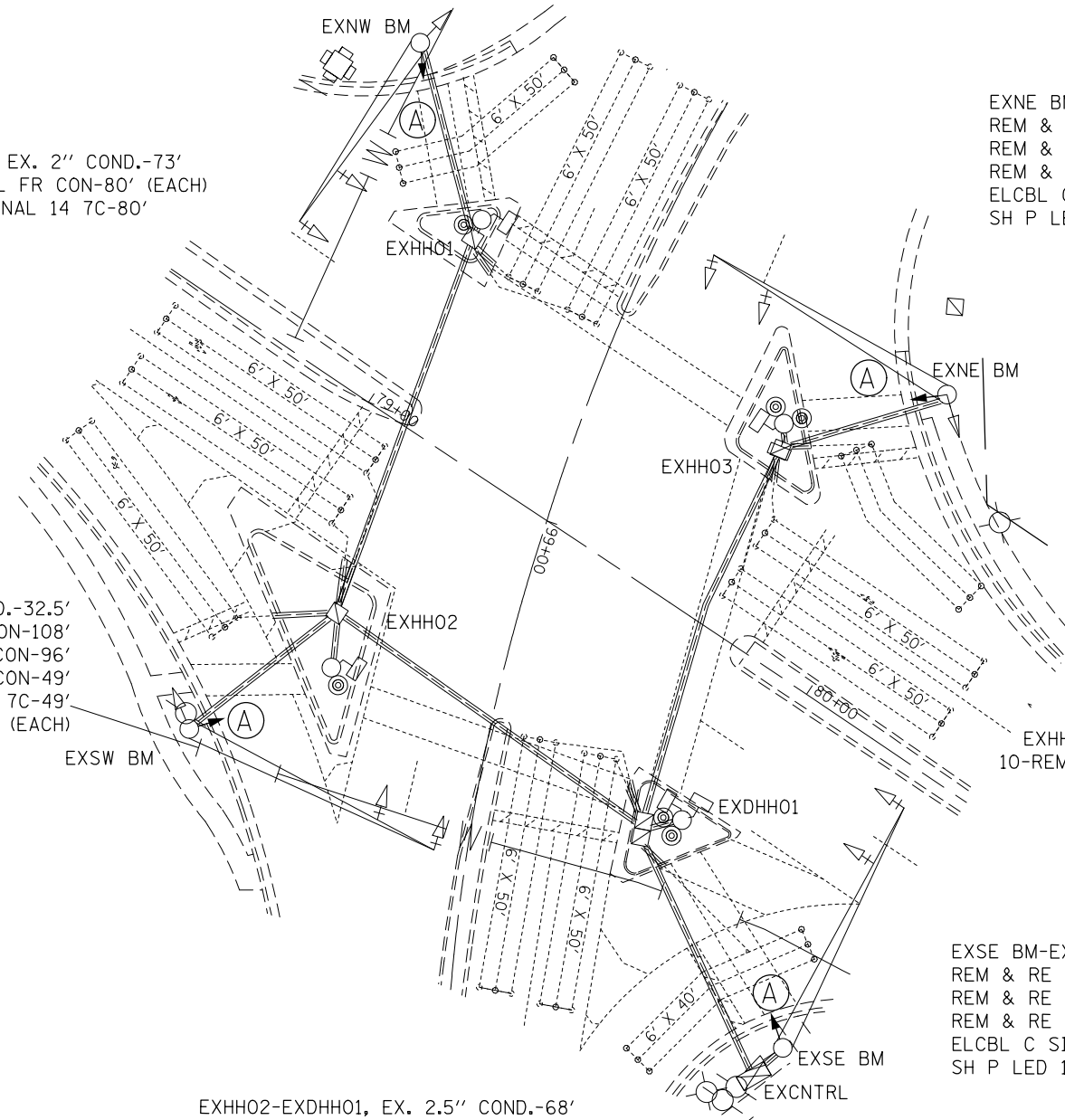
EXNE BM-EXHH03, EX. 2" COND.-30'
 REM & RE ELCBL FR CON-105'
 REM & RE ELCBL FR CON-93'
 REM & RE ELCBL FR CON-66'
 ELCBL C SIGNAL 14 7C-66'
 SH P LED 1F 1-4 BM-1 (EACH)

EXHH03-EXDHH01, EX. 2" COND.-73'
 10-REM & RE ELCBL FR CON-79' (EACH)
 ELCBL C SIGNAL 14 7C-79'

EXSE BM-EXCNTRL, EX. 2" COND.-3'
 REM & RE ELCBL FR CON-77'
 REM & RE ELCBL FR CON-65'
 REM & RE ELCBL FR CON-19'
 ELCBL C SIGNAL 14 7C-19'
 SH P LED 1F 1-4 BM-1 (EACH)

EXHH02-EXDHH01, EX. 2.5" COND.-68'
 16-REM & RE ELCBL FR CON-75' (EACH)
 ELCBL C SIGNAL 14 7C-75'

EXDHH01-EXCNTRL, EX. 4" COND.-47'
 33-REM & RE ELCBL FR CON-63' (EACH)
 3-ELCBL C SIGNAL 14 7C-63' (EACH)



FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -
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	PLOT DATE = 3/18/2016	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

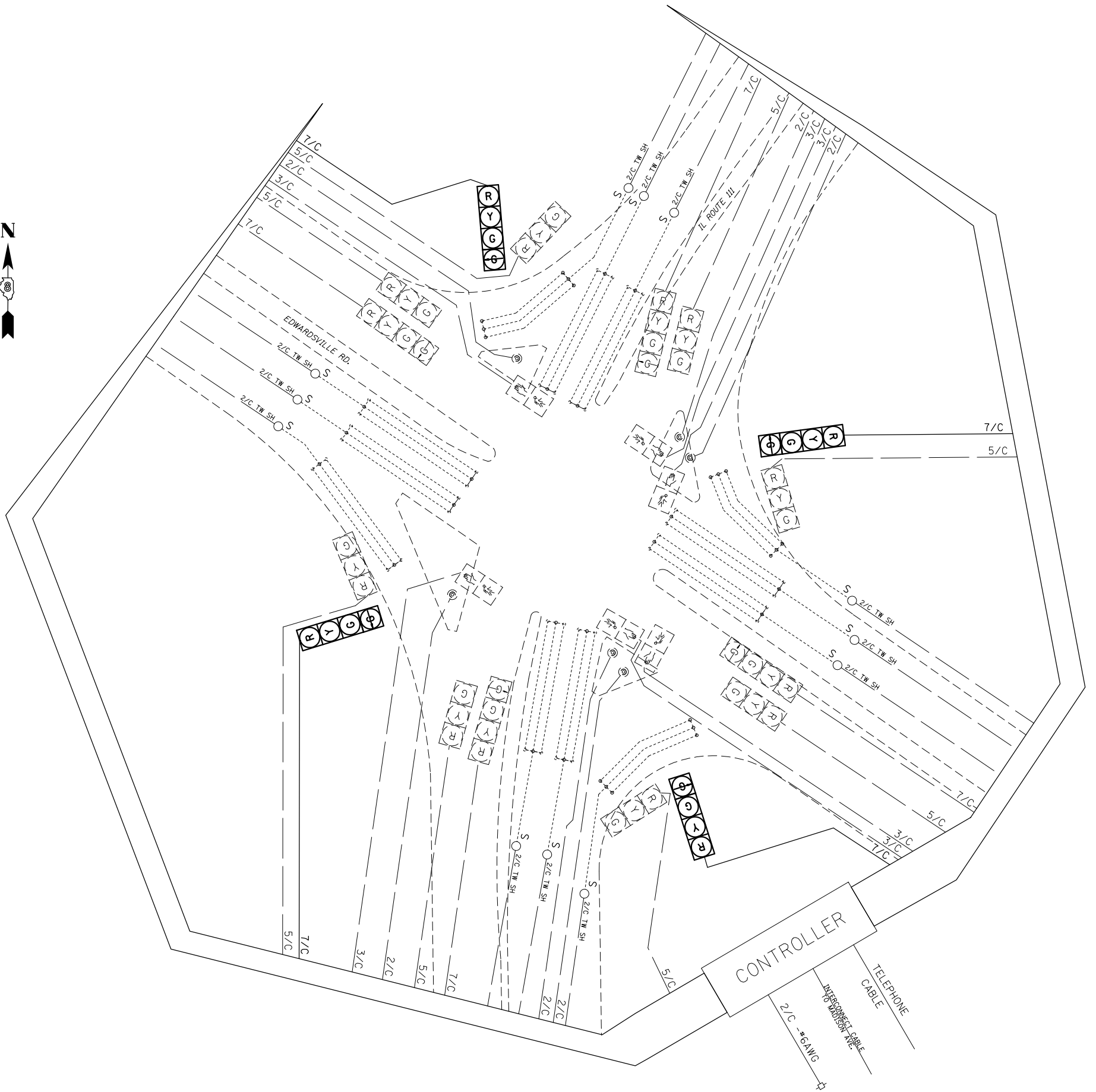
IL 111 & EDWARDSVILLE (WOOD RIVER, MADISON CNTY.)
 TRAFFIC SIGNAL PLAN

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

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	Dist 8 TS 2016-2	•	126	109
•=VARIOUS			CONTRACT NO. 76J21	
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
70102642	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	EACH	1
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	608
88040110	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	4
89502200	MODIFY EXISTING CONTROLLER	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502330	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	5625

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		DATE -	REVISED -

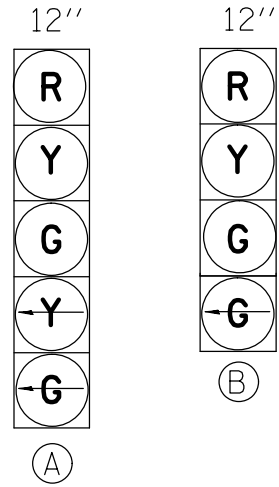
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 111 & EDWARDSVILLE (WOOD RIVER, MADISON CNTY.)
WIRING DIAGRAM**

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

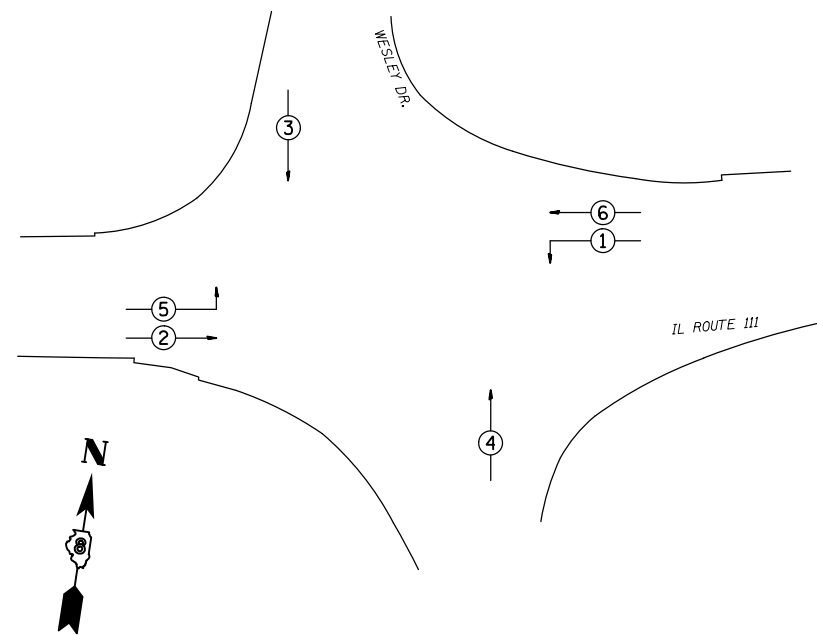
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	Dist 8 TS 2016-2	•	126	110
•=VARIOUS		CONTRACT NO. 76J21		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

EXHH02-EXDHH01, EX. 3" COND.-94'
10-REM & RE ELCBL FR CON-100' (EACH)
2-ELCBL C SIGNAL 14 7C-100' (EACH)

EXSW BM-EXDHH01, EX. 1.5" COND.-7'
REM & RE ELCBL FR CON-70'
REM & RE ELCBL FR CON-48'
REM & RE ELCBL FR CON-23'
ELCBL C SIGNAL 14 7C-23'
SH P LED 1F 1-5 BM-1 (EACH)

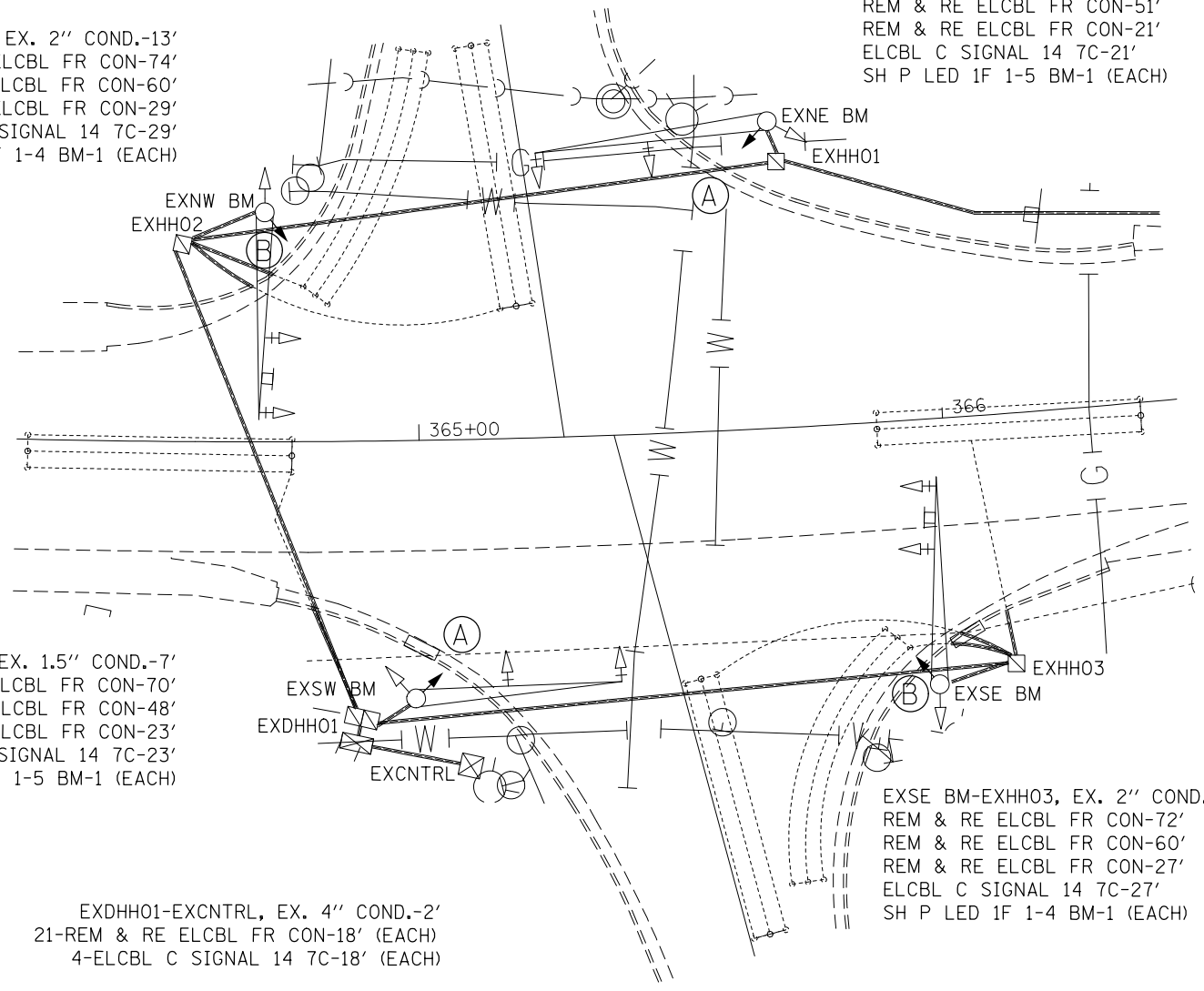
EXDHH01-EXCNTRL, EX. 4" COND.-2'
21-REM & RE ELCBL FR CON-18' (EACH)
4-ELCBL C SIGNAL 14 7C-18' (EACH)

EXHH03-EXDHH01, EX. 2" COND.-121'
6-REM & RE ELCBL FR CON-127' (EACH)
ELCBL C SIGNAL 14 7C-127'

EXNW BM-EXHH02, EX. 2" COND.-13'
REM & RE ELCBL FR CON-74'
REM & RE ELCBL FR CON-60'
REM & RE ELCBL FR CON-29'
ELCBL C SIGNAL 14 7C-29'
SH P LED 1F 1-4 BM-1 (EACH)

EXHH01-EXHH02, EX. 2" COND.-111'
4-REM & RE ELCBL FR CON-117' (EACH)
ELCBL C SIGNAL 14 7C-117'

EXNE BM-EXHH01, EX. 1.5" COND.-5'
REM & RE ELCBL FR CON-72'
REM & RE ELCBL FR CON-51'
REM & RE ELCBL FR CON-21'
ELCBL C SIGNAL 14 7C-21'
SH P LED 1F 1-5 BM-1 (EACH)



FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -
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	PLOT DATE = 3/18/2016	DATE -	REVISED -



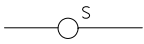
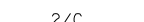
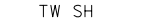
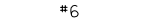
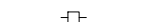
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

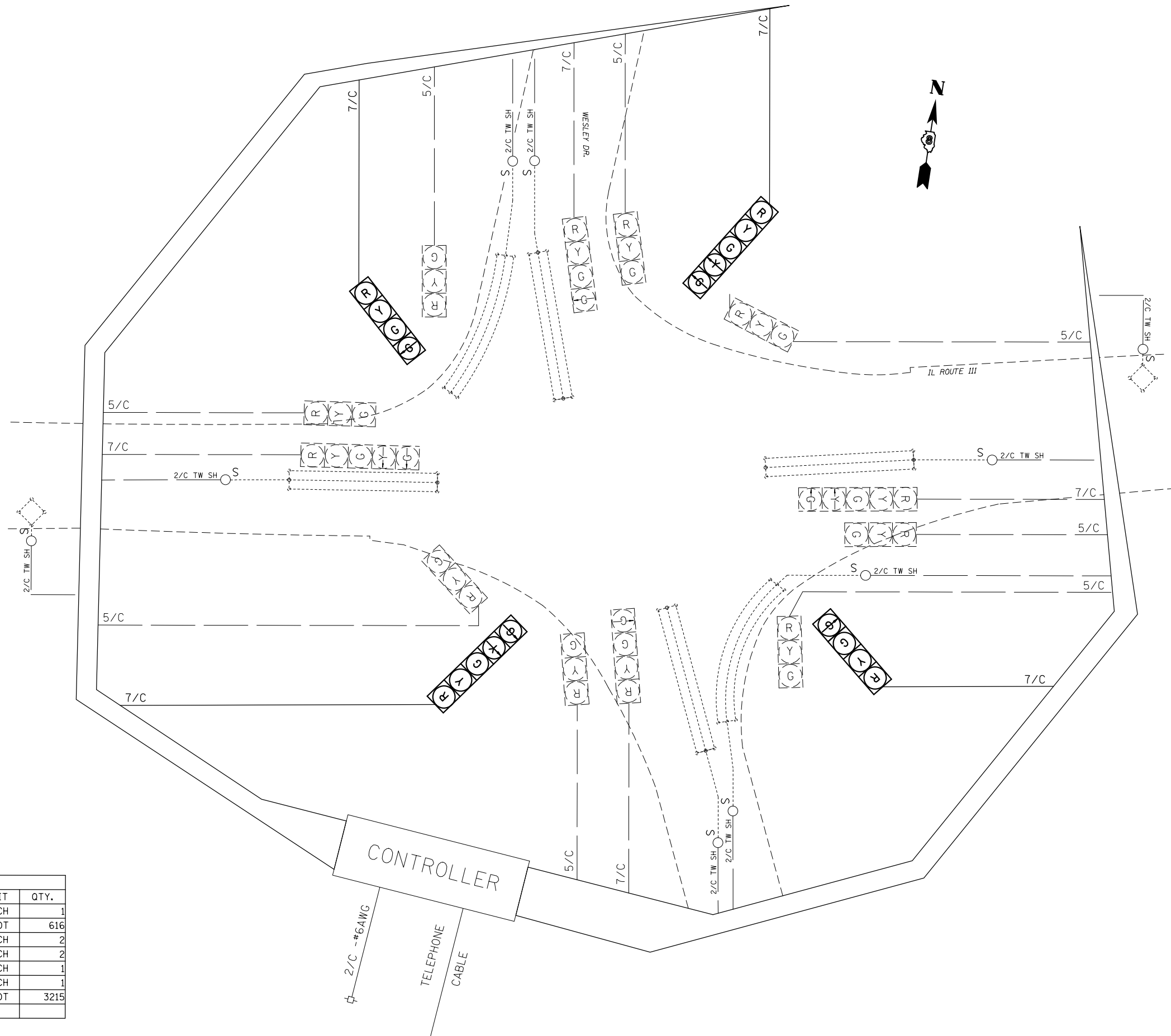
IL 111 & WESLEY (WOOD RIVER, MADISON CNTY.)
TRAFFIC SIGNAL PLAN

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

RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	Dist 8 TS 2016-2	*	126	111
* = VARIOUS			CONTRACT NO. 76J21	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	616
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
89502200	MODIFY EXISTING CONTROLLER	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	3215

CONTROLLER

TELEPHONE
CABLE

FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG.illinois.gov\PWIDOT\Documents\DOT Offices\District 8\Projects\0876\DRAWING\GADsheets\0876J21-sht-tsp1.dwg		REVISIONS	REVISIONS
	PLOT SCALE = 33.3333 ' / in.	CHECKED -	REVISED -
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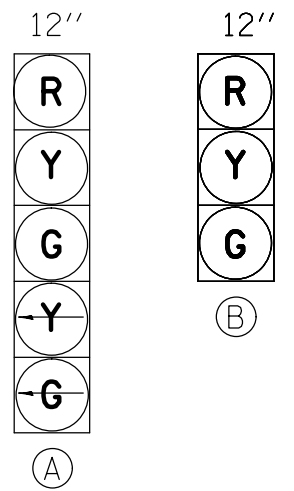
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 111 & WESLEY (WOOD RIVER, MADISON CNTY.)
WIRING DIAGRAM**

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

RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	Dist 8 TS 2016-2	*	126	112
* = VARIOUS			CONTRACT NO. 76J21	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SEE CABLE DIAGRAM FOR "SCHEDULE OF QUANTITIES"



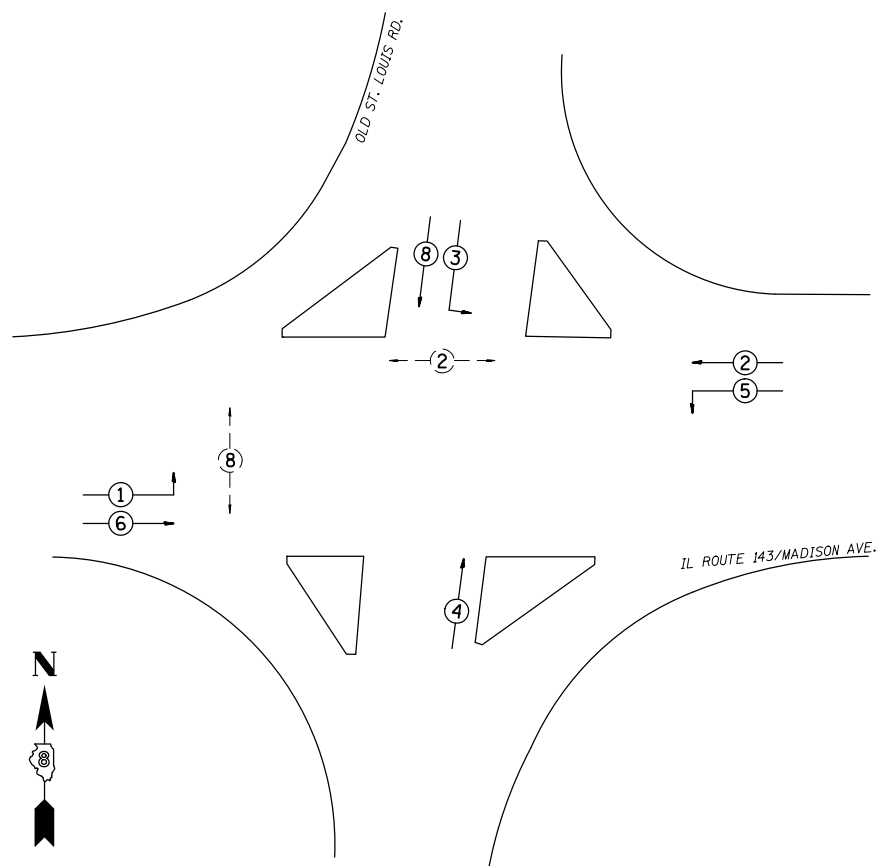
EXISTING FULL-ACTUATED CONTROLLER

EXISTING SEQUENCE OF OPERATION

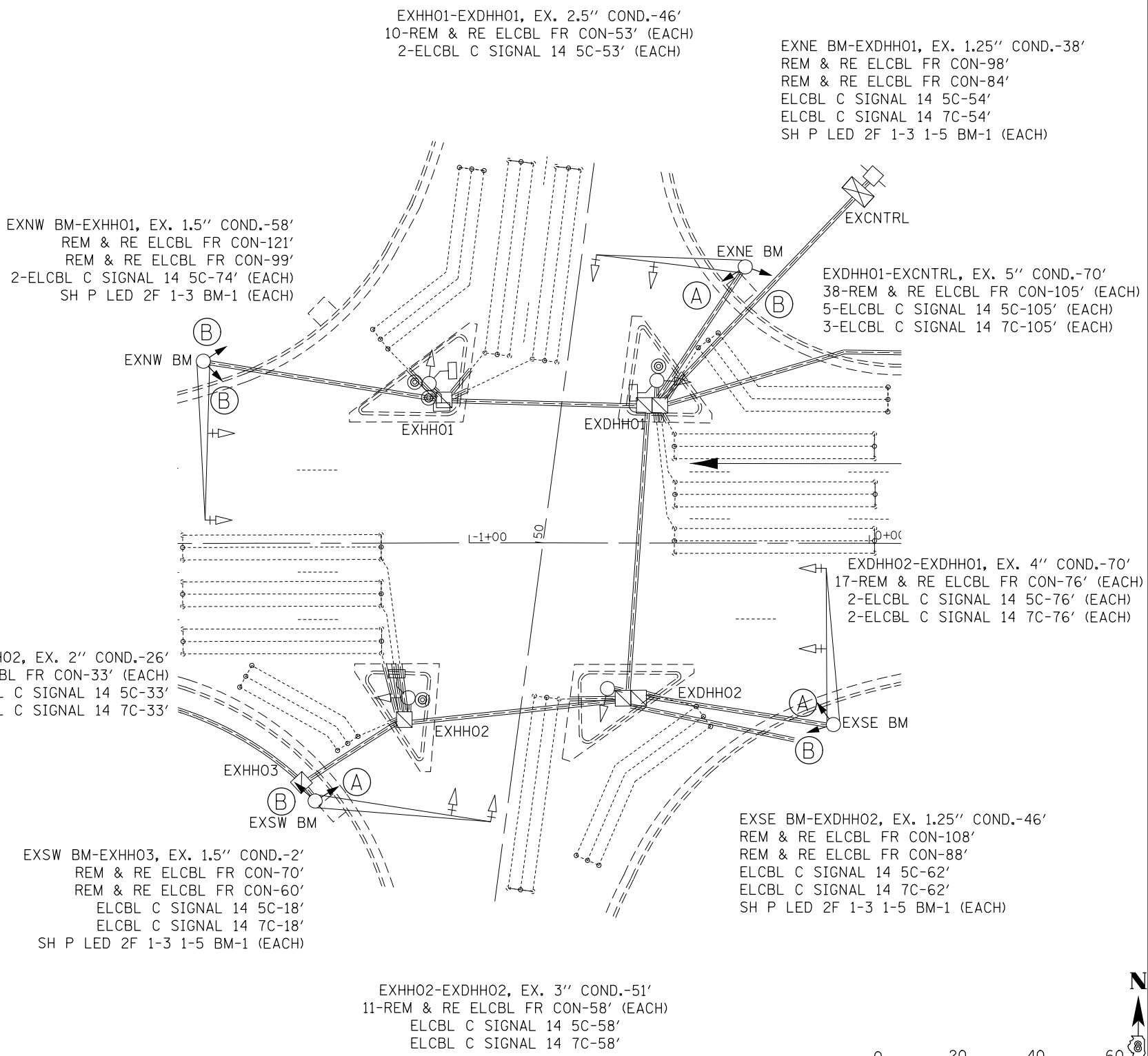
PHASE	1	2	3	4	5	6	7	8
MOVEMENT	→	↔	↙	↑	←	→	NOT USED	↕
CONCURRENT MOVEMENT PERMITTED	5 OR 6	5 OR 6	NONE	NONE	1 OR 2	1 OR 2		3

* PEDSTRIAN MOVEMENT ON ACTUATION ONLY



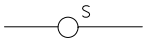
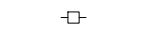
PROPOSED TRAFFIC SIGNAL FACES

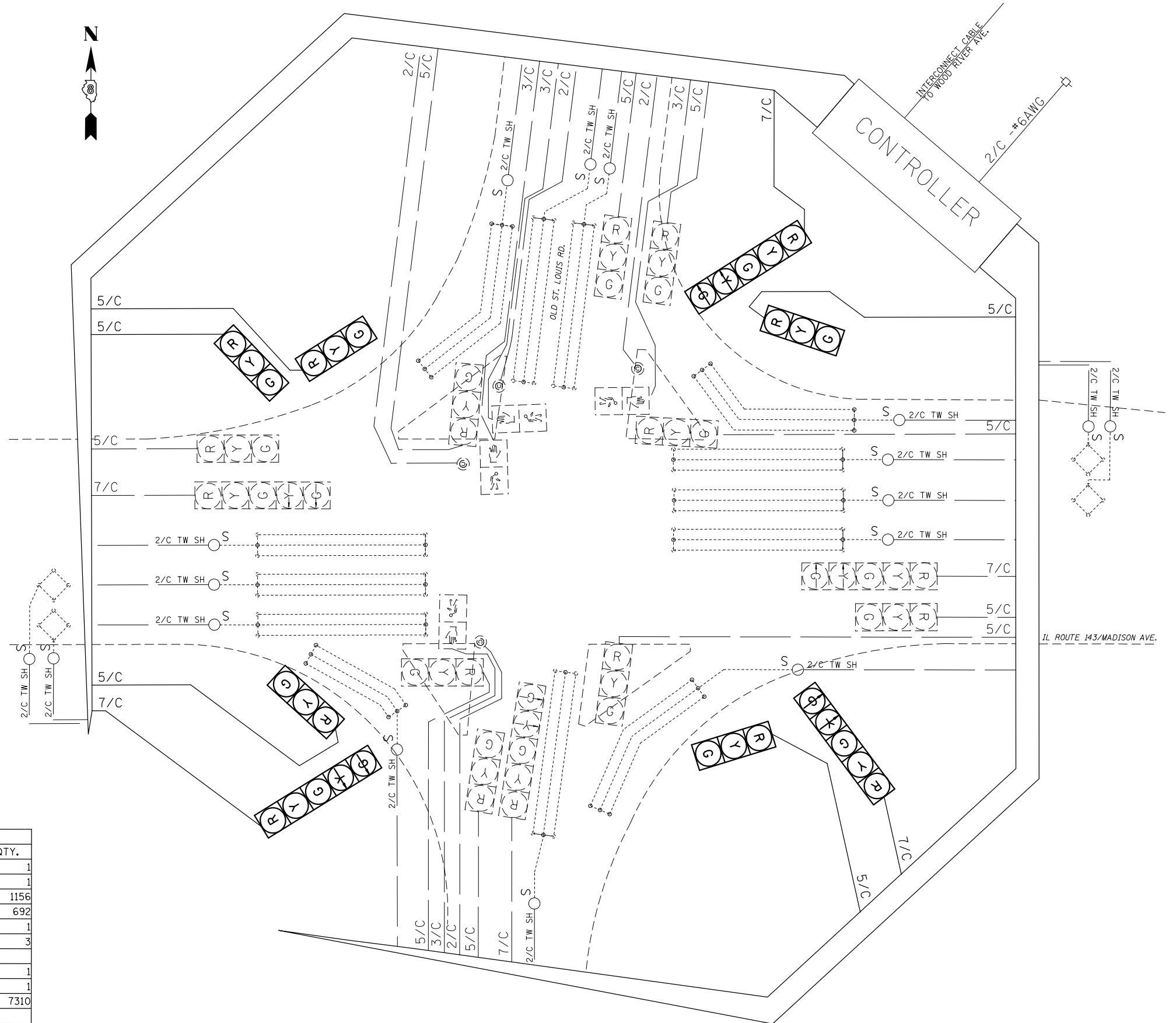


PHASE DESIGNATION DIAGRAM



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	1156
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	692
88040230	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
88040260	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	3
89502200	MODIFY EXISTING CONTROLLER	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	7310

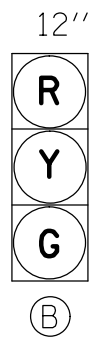
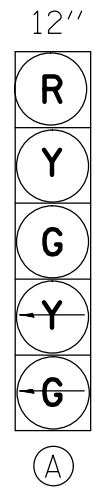
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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 143 & OLD ST LOUIS (WOOD RIVER, MADISON CNTY.)
WIRING DIAGRAM**

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

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	DIST 8 TS 2016-2	•	126	114
•=VARIOUS			CONTRACT NO. 76J21	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



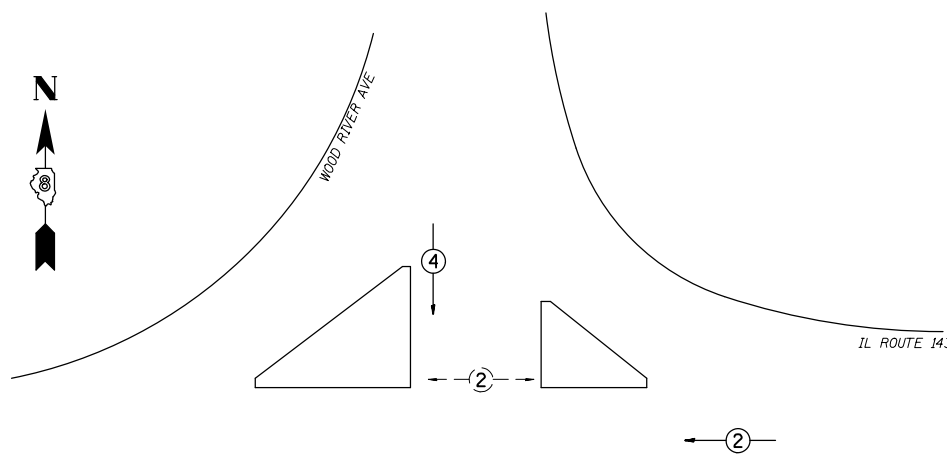
EXISTING FULL-ACTUATED CONTROLLER

EXISTING SEQUENCE OF OPERATION									
PHASE	1	2	3	4	5	6	7	8	FLASH
MOVEMENT	→	←*	NOT USED	↓	NOT USED	→	NOT USED	NOT USED	ALL RED
CONCURRENT MOVEMENT PERMITTED	6	6		NONE		1 OR 2			

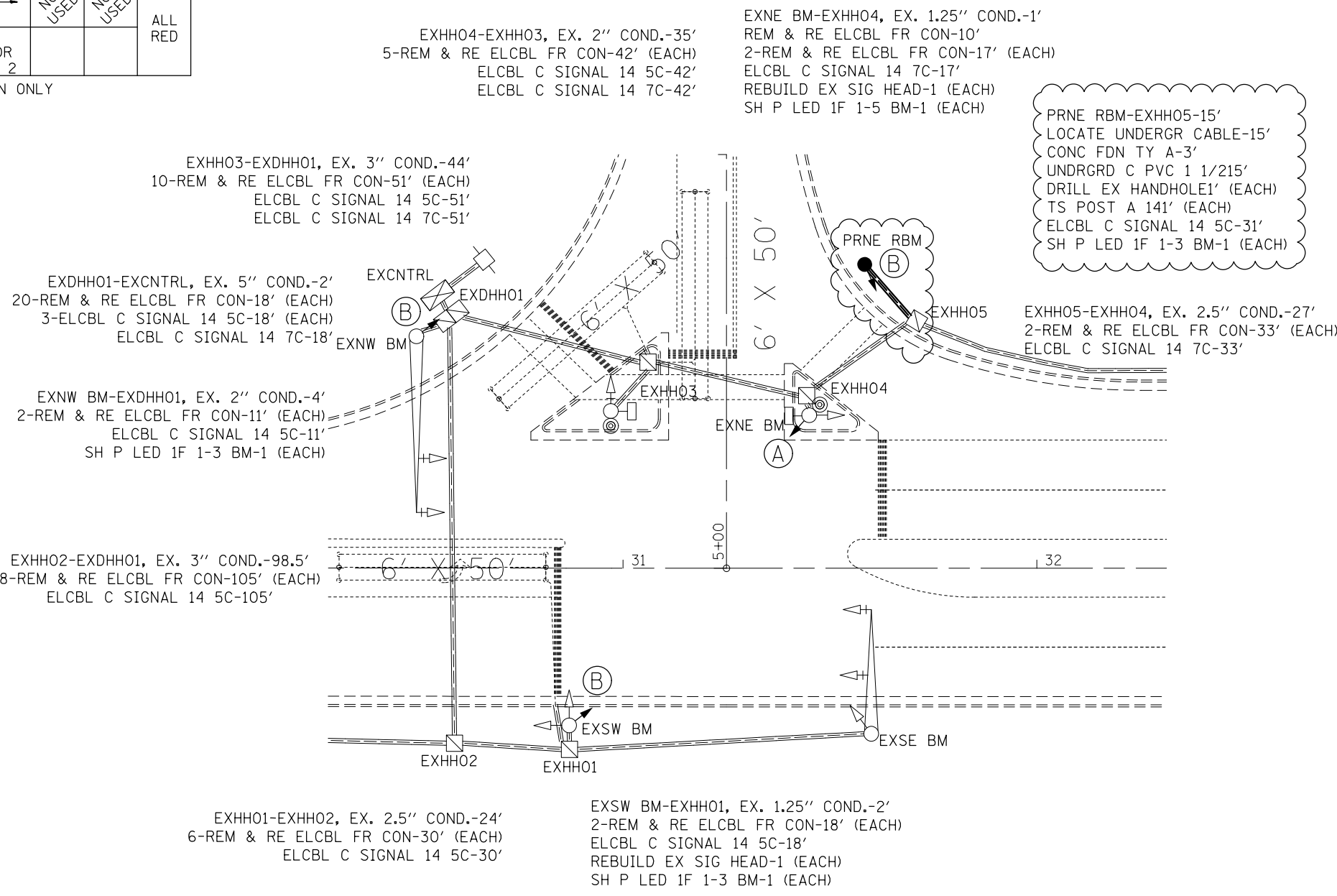
* PEDSTRIAN MOVEMENT ON ACTUATION ONLY

SEE CABLE DIAGRAM FOR "SCHEDULE OF QUANTITIES"

PROPOSED TRAFFIC SIGNAL FACES



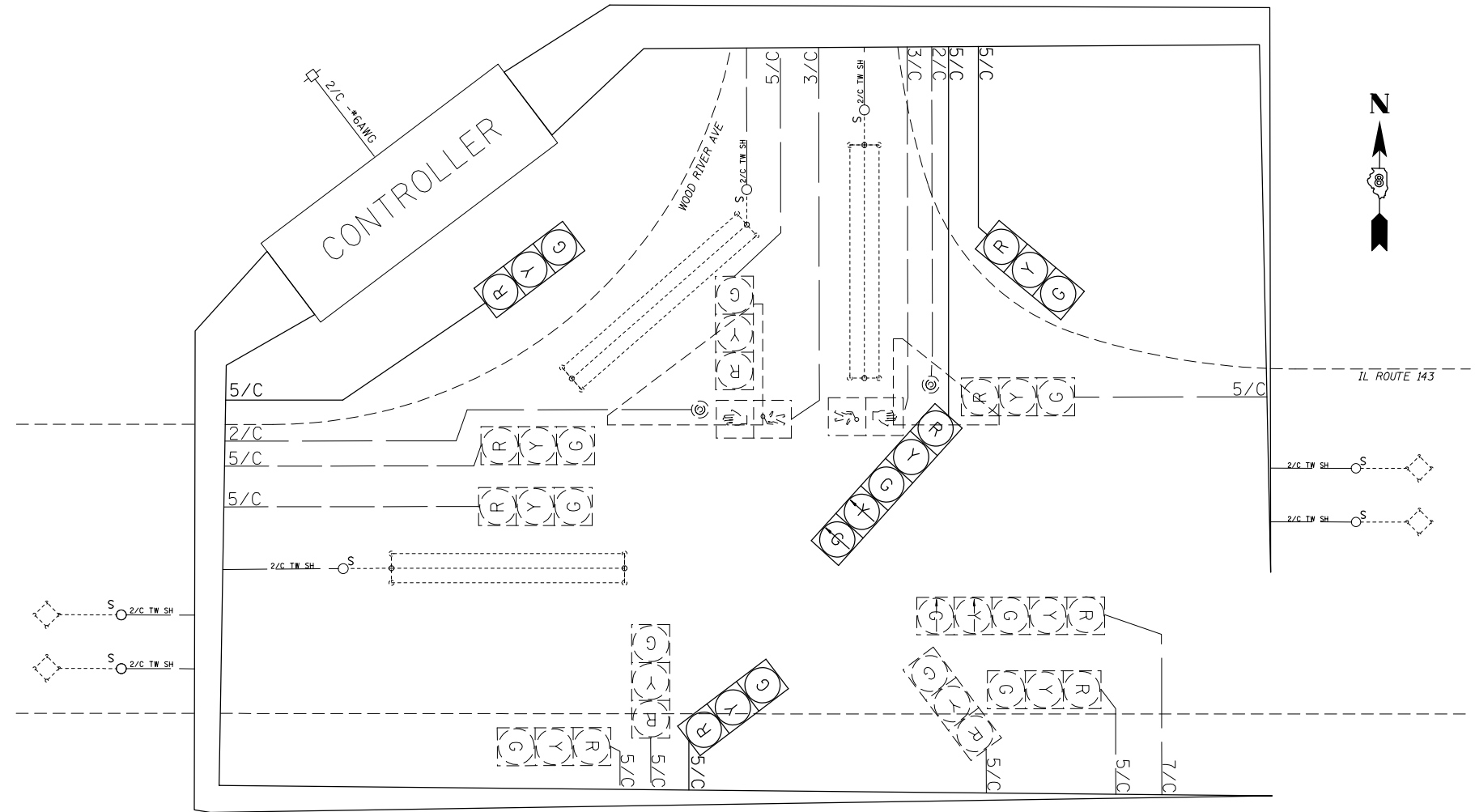
PHASE DESIGNATION DIAGRAM



PRNE RBM-EXHH05-15'
LOCATE UNDERGR CABLE-15'
CONC FDN TY A-3'
UNDRGRD C PVC 1 1/215'
DRILL EX HANDHOLE1' (EACH)
TS POST A 141' (EACH)
ELCBL C SIGNAL 14 5C-31'
SH P LED 1F 1-3 BM-1 (EACH)

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
80300100	LOCATING UNDERGROUND CABLE	FOOT	15
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	15
87301745	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	342
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	161
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	3
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
89502100	REBUILD EXISTING SIGNAL HEAD	EACH	2
89502200	MODIFY EXISTING CONTROLLER	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	2268

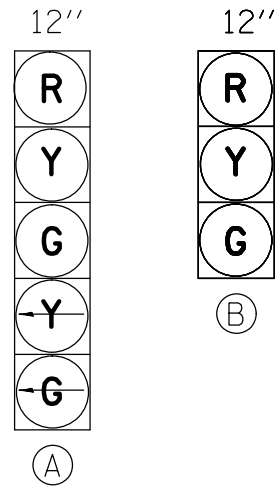
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 143 & WOOD RIVER (WOOD RIVER, MADISON CNTY.)
WIRING DIAGRAM**

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

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	Dist 8 TS 2016-2	•	126	116
•=VARIOUS			CONTRACT NO. 76J21	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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	NONE	NONE	1 OR 2	1 OR 2		

* PEDSTRIAN MOVEMENT ON ACTUATION ONLY

SEE CABLE DIAGRAM FOR "SCHEDULE OF QUANTITIES"

EXHH01-EXHH02, EX. 3" COND.-87.5'
10-REM & RE ELCBL FR CON-94' (EACH)
ELCBL C SIGNAL 14 7C-94'

EXNW BM-EXHH02, EX. 2" COND.-3'
REM & RE ELCBL FR CON-63'
REM & RE ELCBL FR CON-59'
REM & RE ELCBL FR CON-52'
REM & RE ELCBL FR CON-12'
REM & RE ELCBL FR CON-19'
ELCBL C SIGNAL 14 7C-19'
SH P LED 1F 1-5 BM-1 (EACH)

EXNE BM-EXHH01, EX. 2" COND.-13'
REM & RE ELCBL FR CON-62'
REM & RE ELCBL FR CON-55'
ELCBL C SIGNAL 14 7C-29'
SH P LED 1F 1-5 BM-1 (EACH)

EXHH02-EXDHH01, EX. 3.5" COND.-108'
18-REM & RE ELCBL FR CON-115' (EACH)
2-ELCBL C SIGNAL 14 7C-115' (EACH)

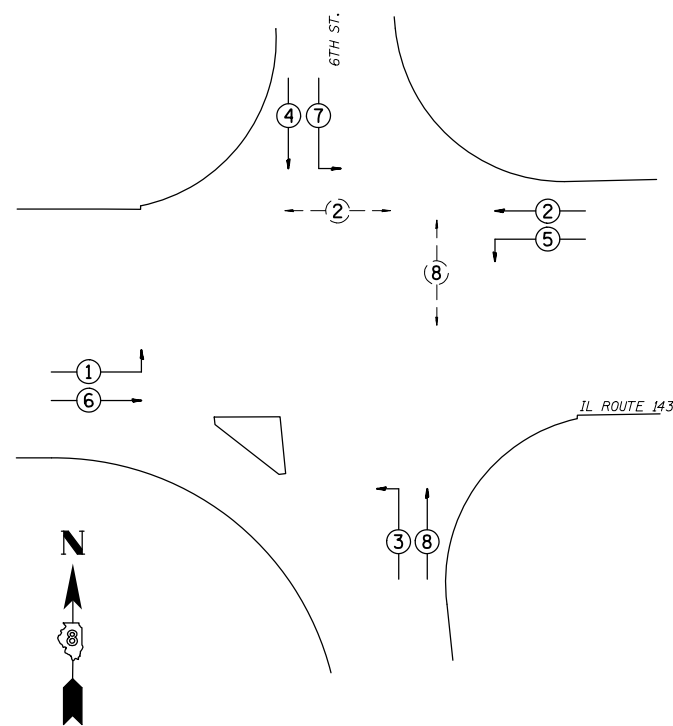
EXHH04-EXDHH01, EX. 2.5" COND.-29'
9-REM & RE ELCBL FR CON-35' (EACH)
ELCBL C SIGNAL 14 7C-35'

EXSW BM-EXDHH01, EX. 2" COND.-9'
REM & RE ELCBL FR CON-71'
REM & RE ELCBL FR CON-60'
ELCBL C SIGNAL 14 5C-25'
ELCBL C SIGNAL 14 7C-25'
SH P LED 2F 1-3 1-5 BM-1 (EACH)

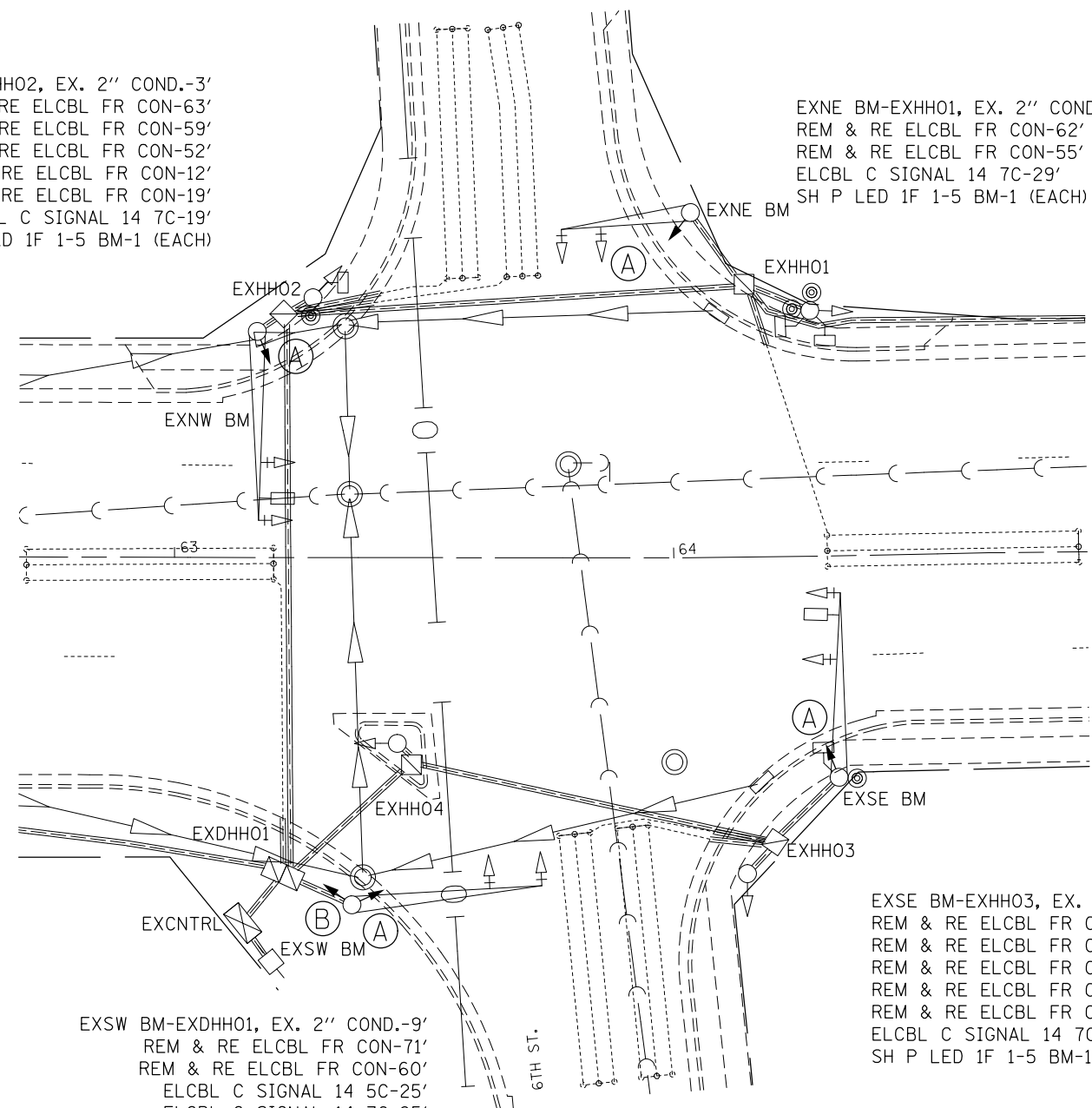
EXDHH01-EXCNTRL, EX. 5" COND.-9'
32-REM & RE ELCBL FR CON-25' (EACH)
ELCBL C SIGNAL 14 5C-25'
4-ELCBL C SIGNAL 14 7C-25' (EACH)

EXHH03-EXHH04, EX. 2.5" COND.-70.5'
8-REM & RE ELCBL FR CON-77' (EACH)
ELCBL C SIGNAL 14 7C-77'

EXSE BM-EXHH03, EX. 2" COND.-14'
REM & RE ELCBL FR CON-74'
REM & RE ELCBL FR CON-70'
REM & RE ELCBL FR CON-61'
REM & RE ELCBL FR CON-23'
REM & RE ELCBL FR CON-30'
ELCBL C SIGNAL 14 7C-30'
SH P LED 1F 1-5 BM-1 (EACH)

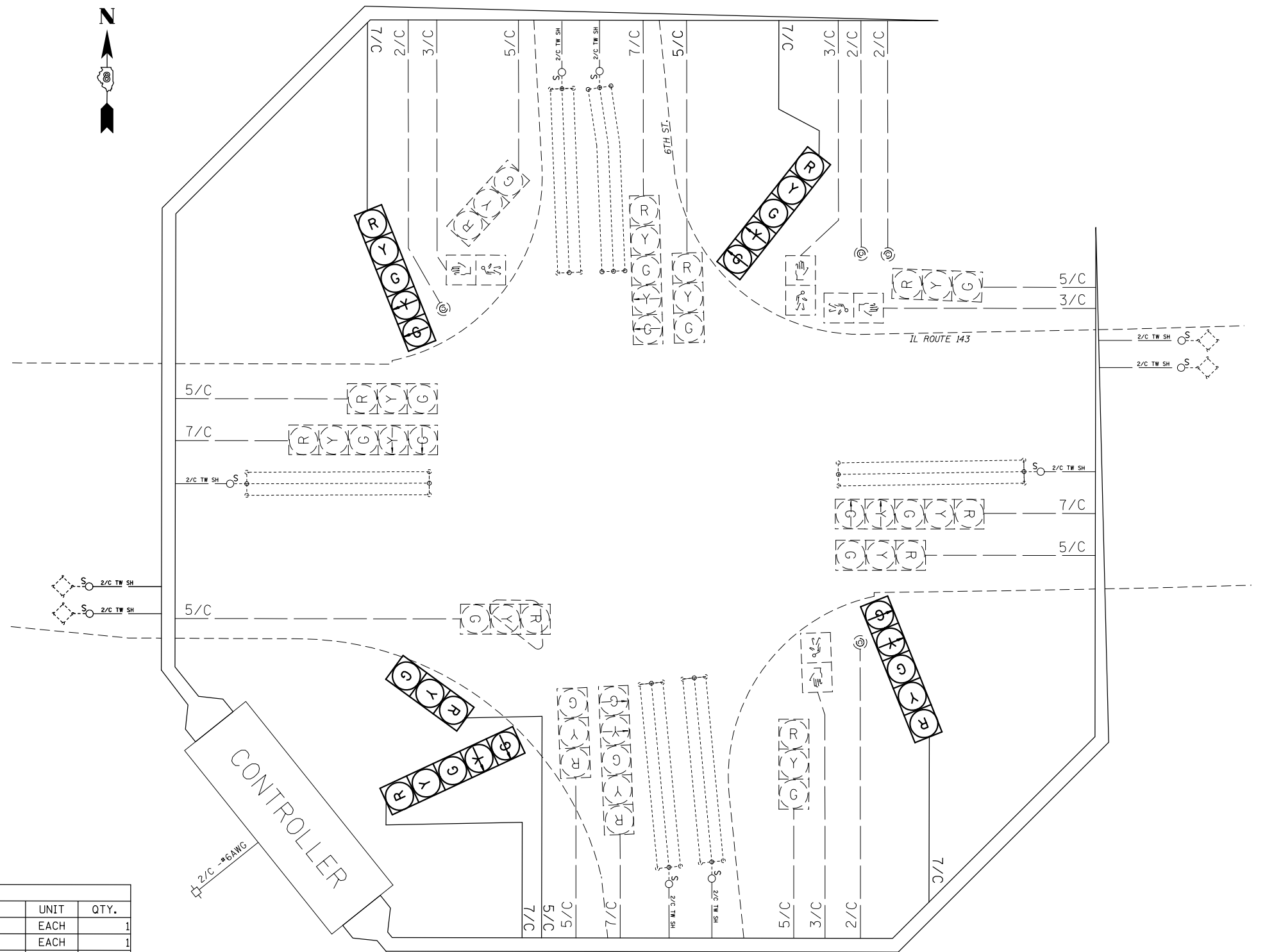


PHASE DESIGNATION DIAGRAM



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
- EXISTING LEFT TURN YIELD light sign



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
87301745	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	50
87301755	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	639
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3
88040260	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	1
89502200	MODIFY EXISTING CONTROLLER	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	5452

FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 8\Projects\0876\DRAWING\GAD\Drawings\0876J21-sht-tsp\		CHECKED -	REVISED -
		DATE -	REVISED -

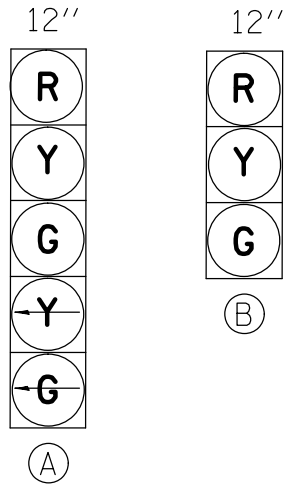
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 143 & 6TH (WOOD RIVER, MADISON CNTY.)
WIRING DIAGRAM**

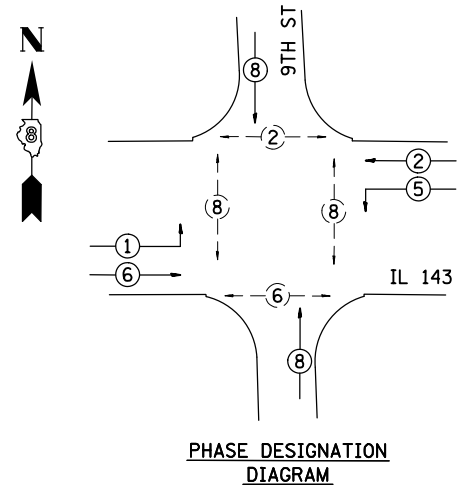
SCALE: SHEET NO. OF SHEETS STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	Dist 8 TS 2016-2	•	126	118
•=VARIOUS			CONTRACT NO. 76J21	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SEE CABLE DIAGRAM FOR "SCHEDULE OF QUANTITIES"



PROPOSED TRAFFIC SIGNAL FACES

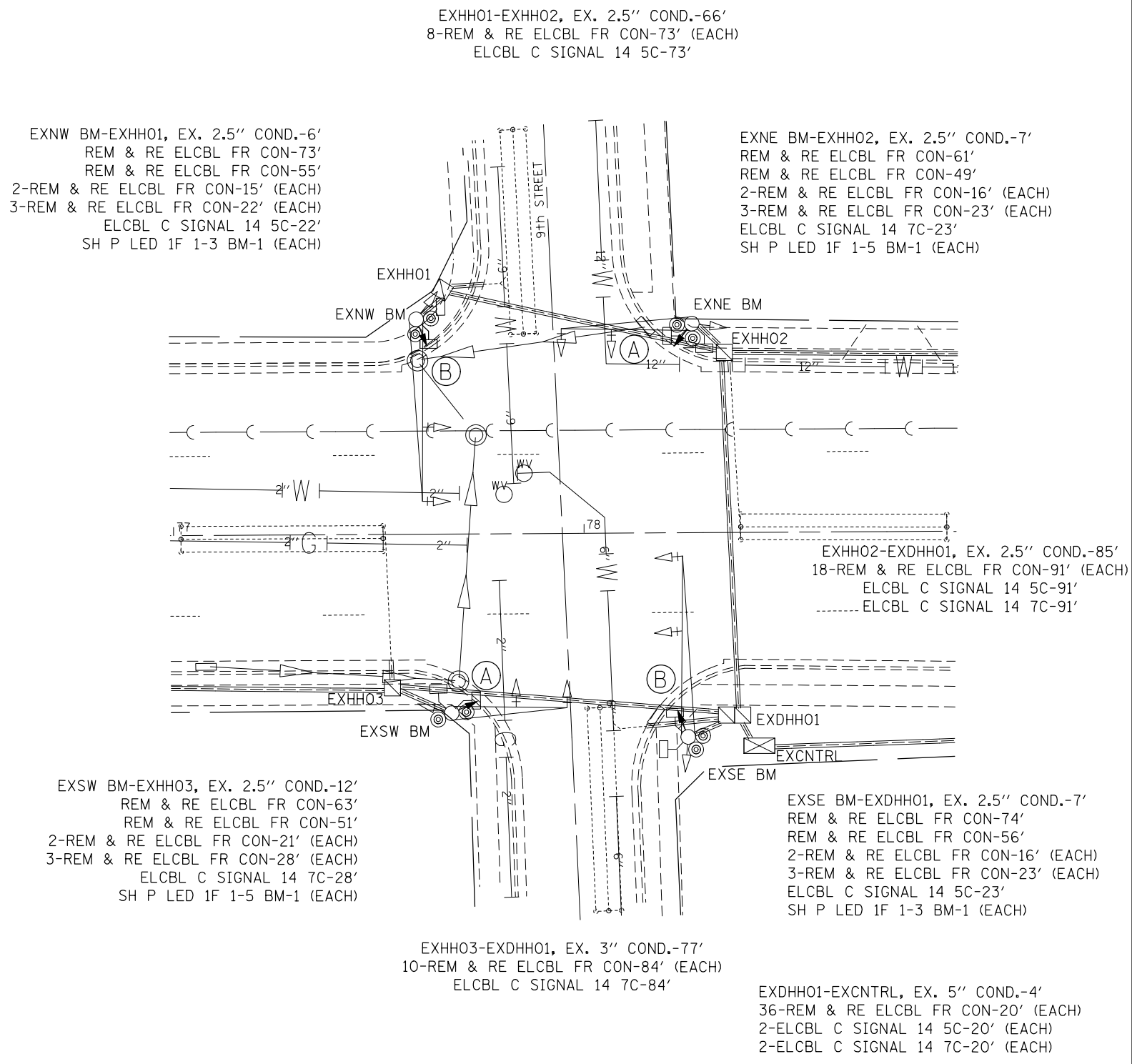


PHASE DESIGNATION DIAGRAM

EXISTING FULL-ACTUATED CONTROLLER

EXISTING SEQUENCE OF OPERATION									
PHASE	1	2	3	4	5	6	7	8	FLASH
MOVEMENT	→	←	NOT USED	NOT USED	→	←	NOT USED	↑ ↓	ALL RED
CONCURRENT MOVEMENT PERMITTED	5 OR 6	5 OR 6			1 OR 2	1 OR 2		NONE	

* PEDSTRIAN MOVEMENT ON ACTUATION ONLY



EXHH01-EXHH02, EX. 2.5" COND.-66'
8-REM & RE ELCBL FR CON-73' (EACH)
ELCBL C SIGNAL 14 5C-73'

EXNW BM-EXHH01, EX. 2.5" COND.-6'
REM & RE ELCBL FR CON-73'
REM & RE ELCBL FR CON-55'
2-REM & RE ELCBL FR CON-15' (EACH)
3-REM & RE ELCBL FR CON-22' (EACH)
ELCBL C SIGNAL 14 5C-22'
SH P LED 1F 1-3 BM-1 (EACH)

EXNE BM-EXHH02, EX. 2.5" COND.-7'
REM & RE ELCBL FR CON-61'
REM & RE ELCBL FR CON-49'
2-REM & RE ELCBL FR CON-16' (EACH)
3-REM & RE ELCBL FR CON-23' (EACH)
ELCBL C SIGNAL 14 7C-23'
SH P LED 1F 1-5 BM-1 (EACH)

EXHH02-EXDHH01, EX. 2.5" COND.-85'
18-REM & RE ELCBL FR CON-91' (EACH)
ELCBL C SIGNAL 14 5C-91'
ELCBL C SIGNAL 14 7C-91'

EXSW BM-EXHH03, EX. 2.5" COND.-12'
REM & RE ELCBL FR CON-63'
REM & RE ELCBL FR CON-51'
2-REM & RE ELCBL FR CON-21' (EACH)
3-REM & RE ELCBL FR CON-28' (EACH)
ELCBL C SIGNAL 14 7C-28'
SH P LED 1F 1-5 BM-1 (EACH)

EXSE BM-EXDHH01, EX. 2.5" COND.-7'
REM & RE ELCBL FR CON-74'
REM & RE ELCBL FR CON-56'
2-REM & RE ELCBL FR CON-16' (EACH)
3-REM & RE ELCBL FR CON-23' (EACH)
ELCBL C SIGNAL 14 5C-23'
SH P LED 1F 1-3 BM-1 (EACH)

EXHH03-EXDHH01, EX. 3" COND.-77'
10-REM & RE ELCBL FR CON-84' (EACH)
ELCBL C SIGNAL 14 7C-84'

EXDHH01-EXCNTRL, EX. 5" COND.-4'
36-REM & RE ELCBL FR CON-20' (EACH)
2-ELCBL C SIGNAL 14 5C-20' (EACH)
2-ELCBL C SIGNAL 14 7C-20' (EACH)



FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -
pw\IL084EBIDINTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\District 8\Projects\0876\DRAWING\CADsheets\0876J21-sht-tsp\		DRAWN -	REVISED -
	PLOT SCALE = 33.3333' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/18/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

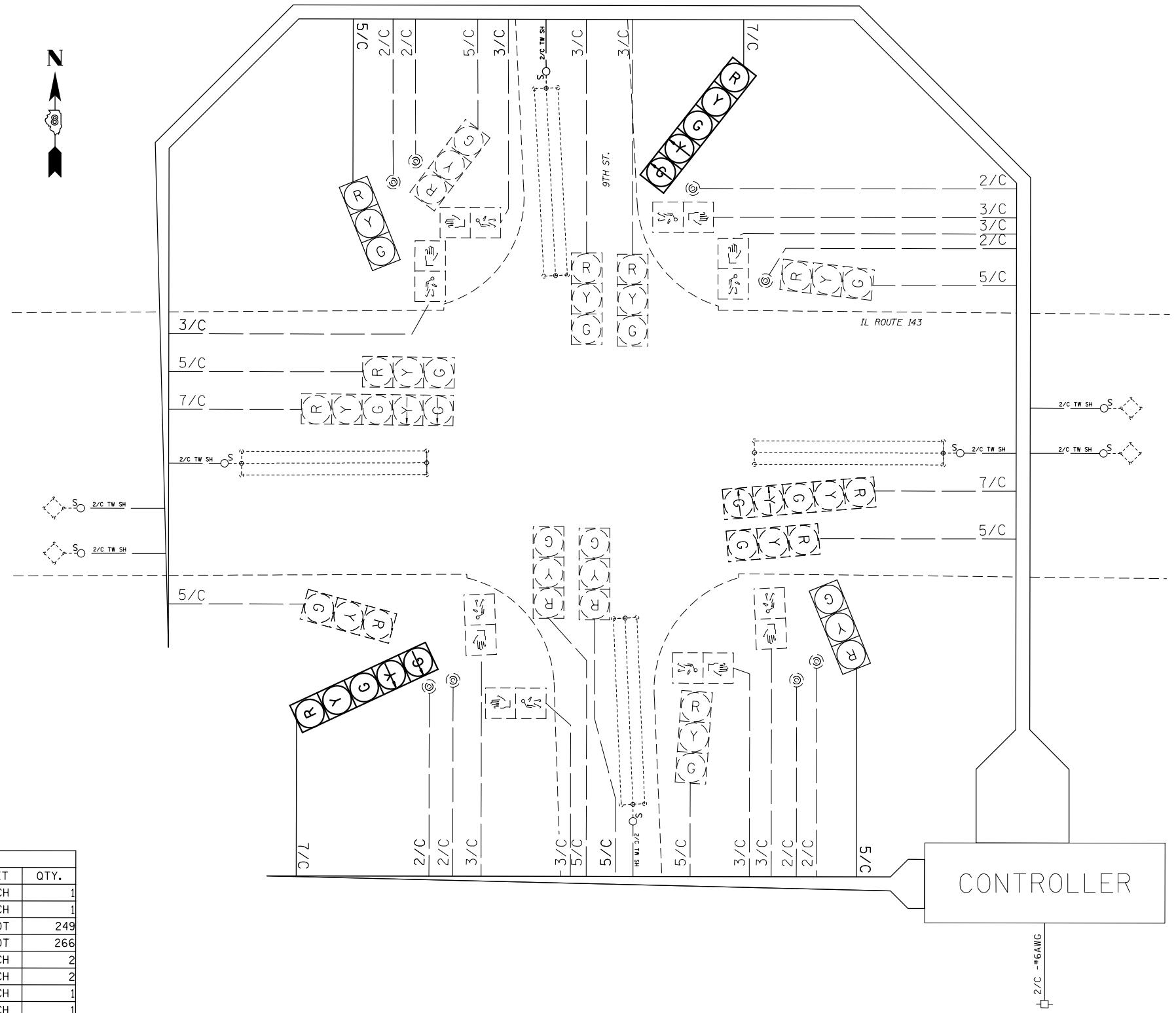
IL 143 & 9TH (WOOD RIVER, MADISON CNTY.)
TRAFFIC SIGNAL PLAN

SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	Dist 8 TS 2016-2	•	126	119
•=VARIOUS			CONTRACT NO. 76J21	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

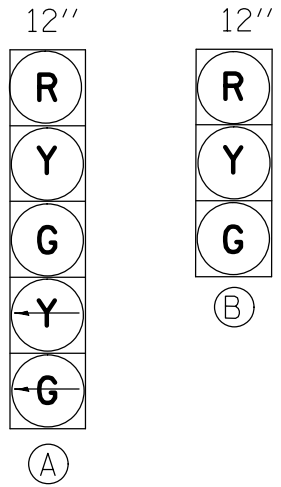
CABLE DIAGRAM LEGEND

- 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

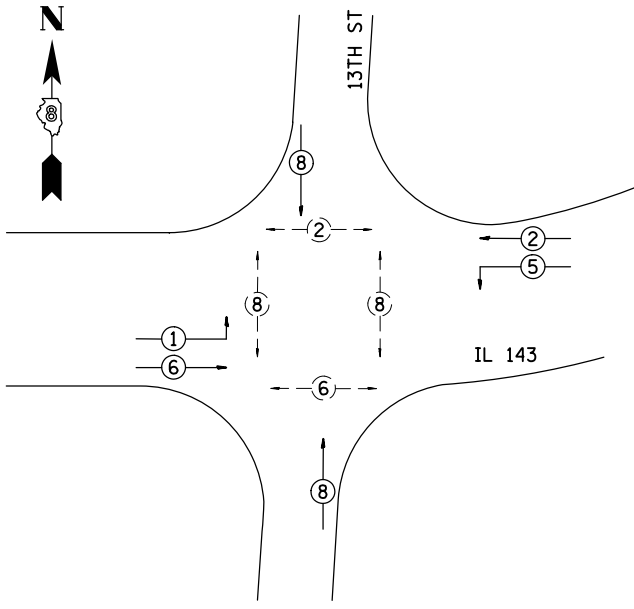


SCHEDULE OF QUANTITIES			
CODE NO.	ITEM	UNIT	QTY.
7010263	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	EACH	1
7010264	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	EACH	1
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	249
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	266
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
89502200	MODIFY EXISTING CONTROLLER	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	4688

SEE CABLE DIAGRAM FOR "SCHEDULE OF QUANTITIES"



PROPOSED TRAFFIC SIGNAL FACES



PHASE DESIGNATION DIAGRAM

EXISTING FULL-ACTUATED CONTROLLER

EXISTING SEQUENCE OF OPERATION									
PHASE	1	2	3	4	5	6	7	8	FLASH
MOVEMENT	→	←*	NOT USED	NOT USED	→	←	NOT USED	↑↑↑	ALL RED
CONCURRENT MOVEMENT PERMITTED	5 OR 6	5 OR 6			1 OR 2	1 OR 2		NONE	

* PEDSTRIAN MOVEMENT ON ACTUATION ONLY

EXHH01-EXHH02, EX. 3" COND.-97'
10-REM & RE ELCBL FR CON-103' (EACH)
ELCBL C SIGNAL 14 7C-103'

EXNW BM-EXHH02, EX. 2" COND.-4'
REM & RE ELCBL FR CON-66'
REM & RE ELCBL FR CON-54'
2-REM & RE ELCBL FR CON-13' (EACH)
2-REM & RE ELCBL FR CON-20' (EACH)
ELCBL C SIGNAL 14 5C-20'
SH P LED 1F 1-3 BM-1 (EACH)

EXHH02-EXDHH01, EX. 3.5" COND.-74'
18-REM & RE ELCBL FR CON-81' (EACH)
ELCBL C SIGNAL 14 5C-81'
ELCBL C SIGNAL 14 7C-81'

EXNE BM-EXDHH01, EX. 2" COND.-9'
REM & RE ELCBL FR CON-56'
REM & RE ELCBL FR CON-48'
ELCBL C SIGNAL 14 7C-25'
SH P LED 1F 1-5 BM-1 (EACH)

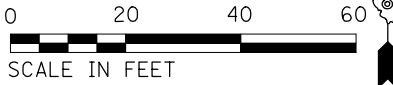
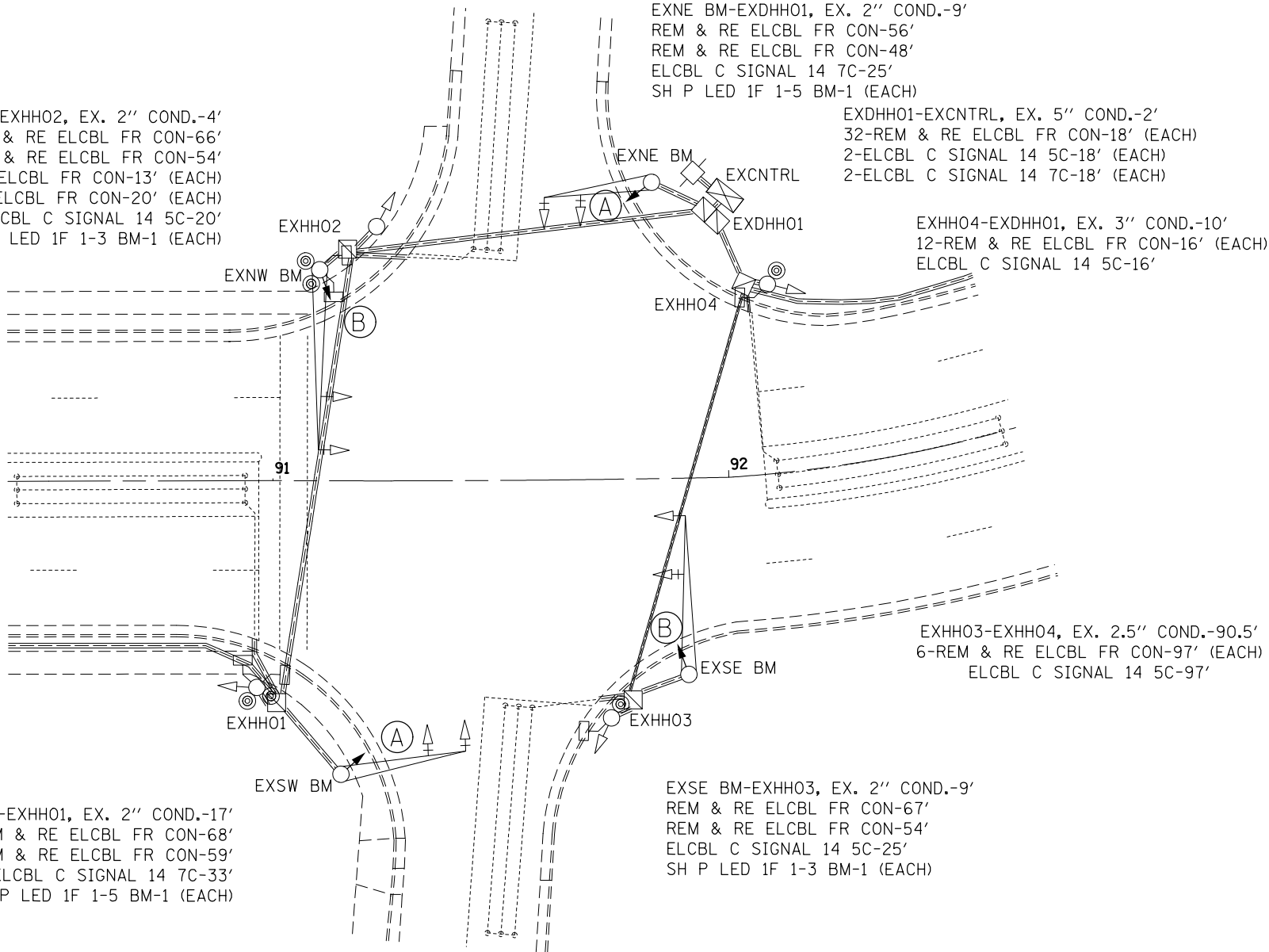
EXDHH01-EXCNTRL, EX. 5" COND.-2'
32-REM & RE ELCBL FR CON-18' (EACH)
2-ELCBL C SIGNAL 14 5C-18' (EACH)
2-ELCBL C SIGNAL 14 7C-18' (EACH)

EXHH04-EXDHH01, EX. 3" COND.-10'
12-REM & RE ELCBL FR CON-16' (EACH)
ELCBL C SIGNAL 14 5C-16'

EXHH03-EXHH04, EX. 2.5" COND.-90.5'
6-REM & RE ELCBL FR CON-97' (EACH)
ELCBL C SIGNAL 14 5C-97'

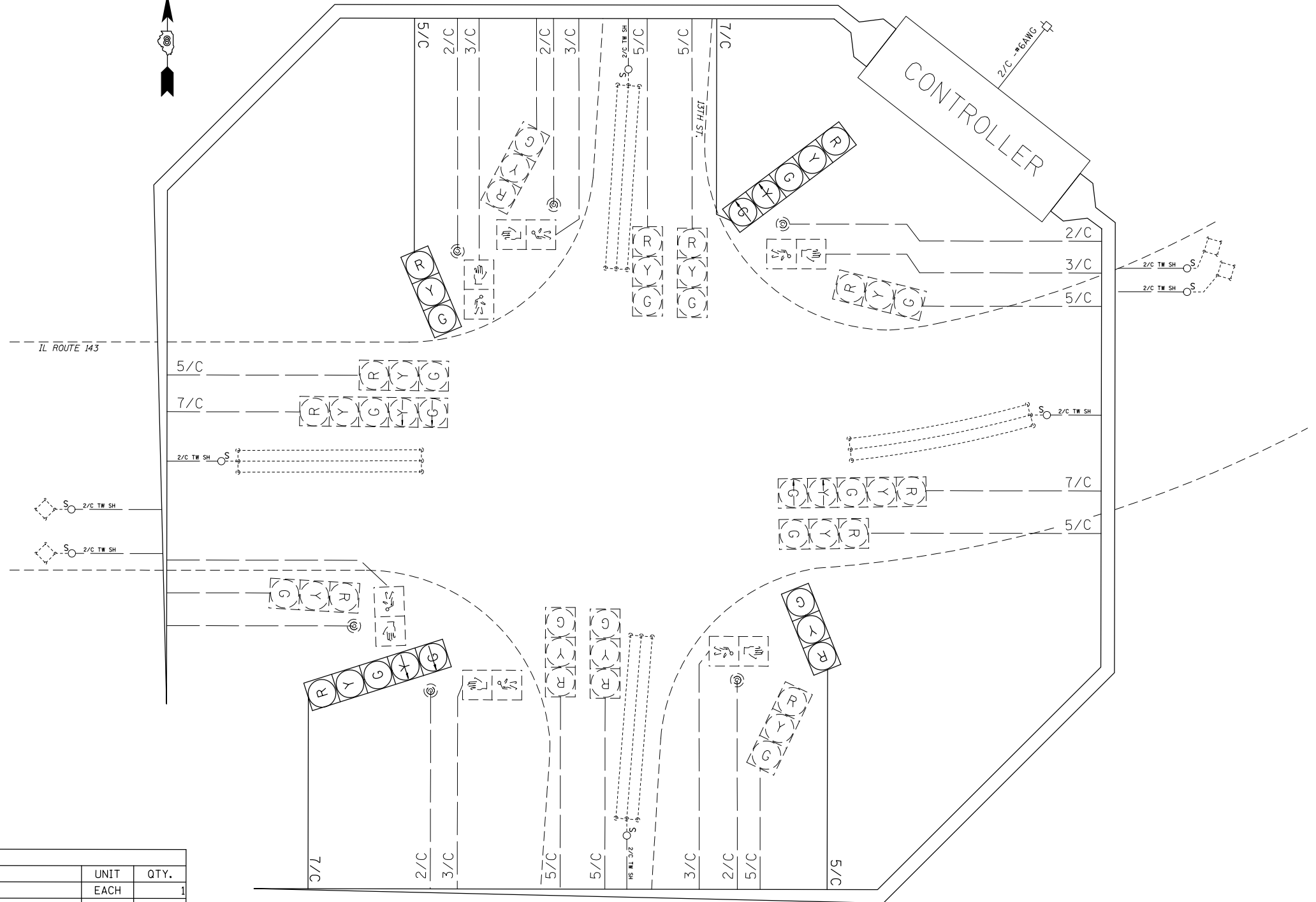
EXSE BM-EXHH03, EX. 2" COND.-9'
REM & RE ELCBL FR CON-67'
REM & RE ELCBL FR CON-54'
ELCBL C SIGNAL 14 5C-25'
SH P LED 1F 1-3 BM-1 (EACH)

EXSW BM-EXHH01, EX. 2" COND.-17'
REM & RE ELCBL FR CON-68'
REM & RE ELCBL FR CON-59'
ELCBL C SIGNAL 14 7C-33'
SH P LED 1F 1-5 BM-1 (EACH)



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
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	275
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	278
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	2
89502200	MODIFY EXISTING CONTROLLER	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	4376

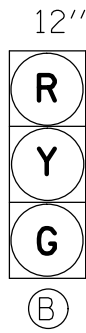
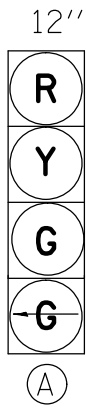
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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 143 & 13TH (WOOD RIVER, MADISON CNTY.)
WIRING DIAGRAM**

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

RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	Dist 8 TS 2016-2	*	126	122
* = VARIOUS			CONTRACT NO. 76J21	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

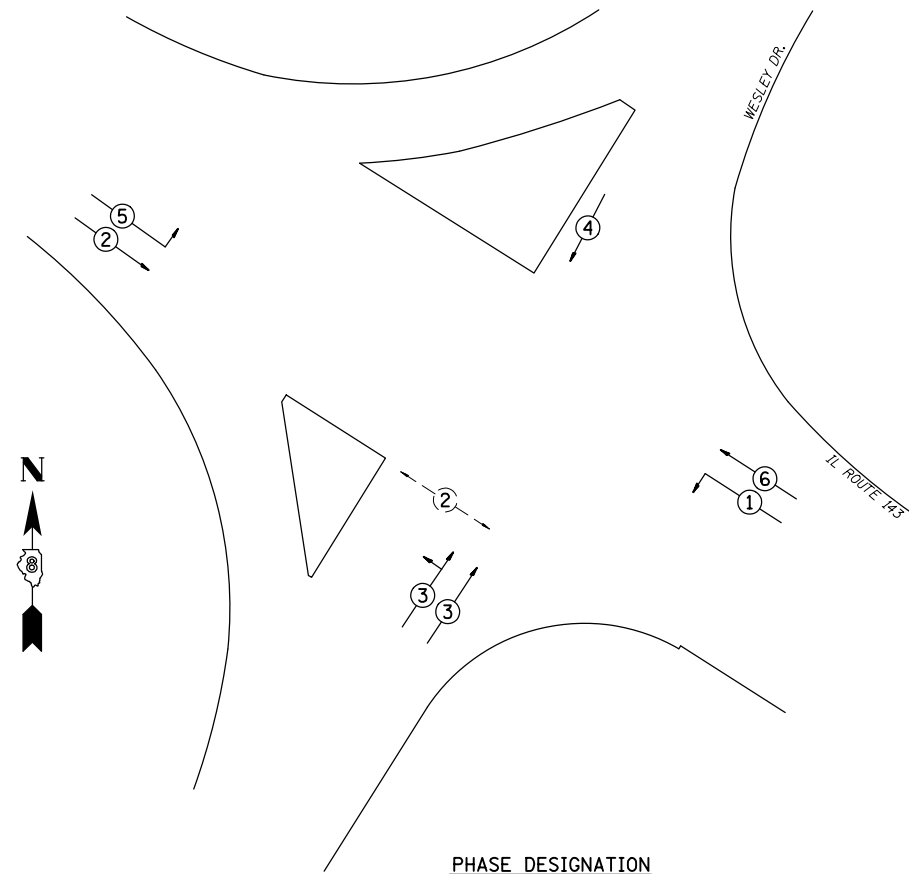


EXISTING FULL-ACTUATED CONTROLLER

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

PROPOSED TRAFFIC SIGNAL FACES



PHASE DESIGNATION DIAGRAM

SEE CABLE DIAGRAM FOR "SCHEDULE OF QUANTITIES"

PRNW RBM-EXHH01-74'
LOCATE UNDERGR CABLE-74'
CONC FDN TY A-3'
UNDRGRD C PVC 1 1/274'
DRILL EX HANDHOLE1' (EACH)
TS POST A 141' (EACH)
ELCBL C SIGNAL 14 5C-90'
CONC MEDIAN SURF 4IN-160 SQ FT
CONC MEDIAN SURF REM-160 SQ FT
SH P LED 1F 1-3 BM-1 (EACH)

EXHH01-EXDHH01, EX. 2" COND.-87'
6-REM & RE ELCBL FR CON-94' (EACH)
ELCBL C SIGNAL 14 5C-94'

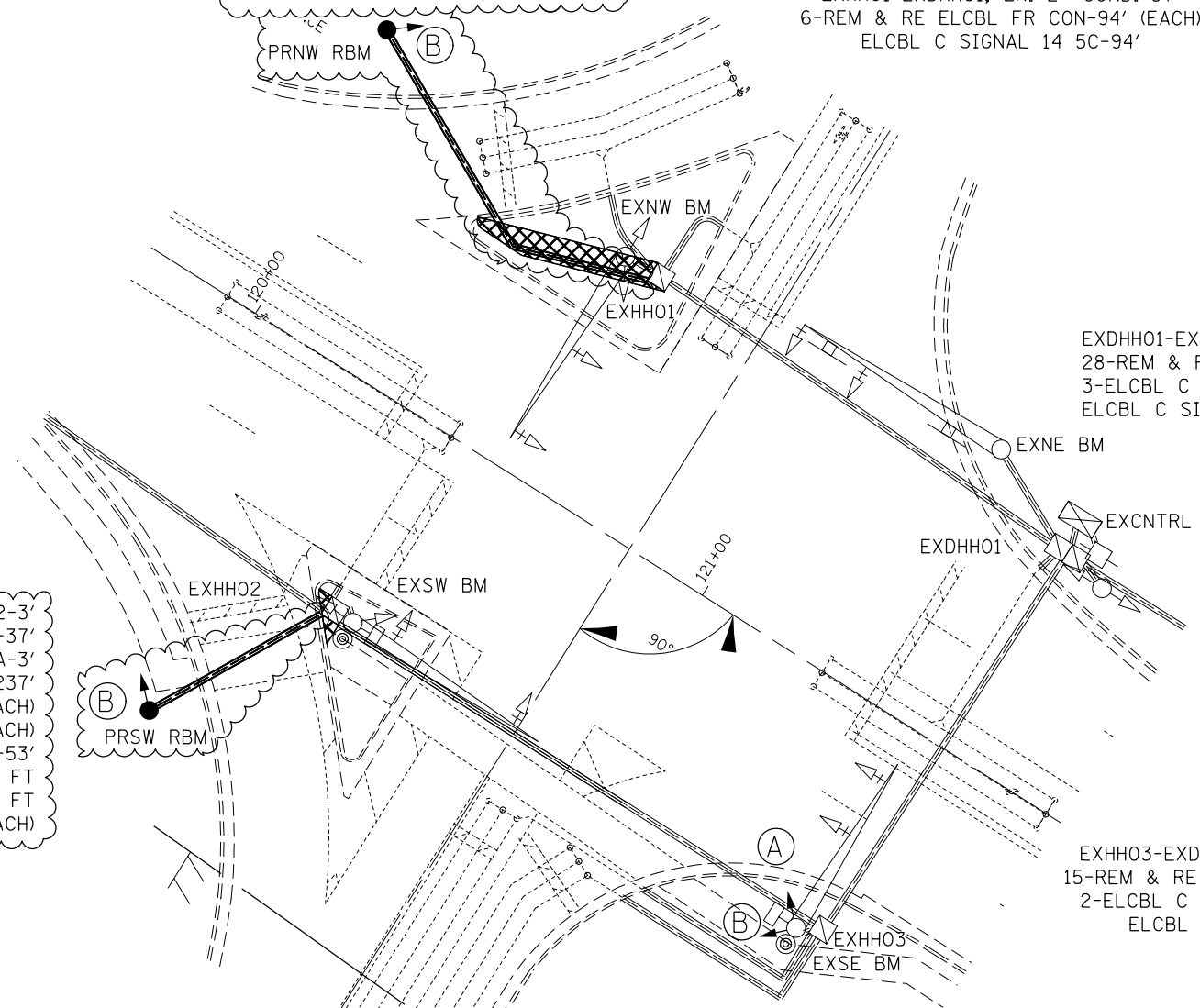
EXDHH01-EXCNTRL, EX. 4" COND.-3'
28-REM & RE ELCBL FR CON-19' (EACH)
3-ELCBL C SIGNAL 14 5C-19' (EACH)
ELCBL C SIGNAL 14 7C-19'

PRSW RBM-EXHH02-3'
LOCATE UNDERGR CABLE-37'
CONC FDN TY A-3'
UNDRGRD C PVC 1 1/237'
DRILL EX HANDHOLE1' (EACH)
TS POST A 141' (EACH)
ELCBL C SIGNAL 14 5C-53'
CONC MEDIAN SURF 4IN-15 SQ FT
CONC MEDIAN SURF REM-15 SQ FT
SH P LED 1F 1-3 BM-1 (EACH)

EXHH02-EXHH03, EX. 2.5" COND.-170'
9-REM & RE ELCBL FR CON-177' (EACH)
ELCBL C SIGNAL 14 5C-177'

EXSE BM-EXHH03, EX. 2" COND.-1'
REM & RE ELCBL FR CON-57'
REM & RE ELCBL FR CON-45'
REM & RE ELCBL FR CON-10'
REM & RE ELCBL FR CON-17'
ELCBL C SIGNAL 14 5C-17'
ELCBL C SIGNAL 14 7C-17'
SH P LED 2F 1-3 1-4 BM-1 (EACH)

EXHH03-EXDHH01, EX. 2.5" COND.-81'
15-REM & RE ELCBL FR CON-88' (EACH)
2-ELCBL C SIGNAL 14 5C-88' (EACH)
ELCBL C SIGNAL 14 7C-88'



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	PLOT SCALE = 33.3333 ' / in.	DATE -	REVISED -
	PLOT DATE = 3/18/2016		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

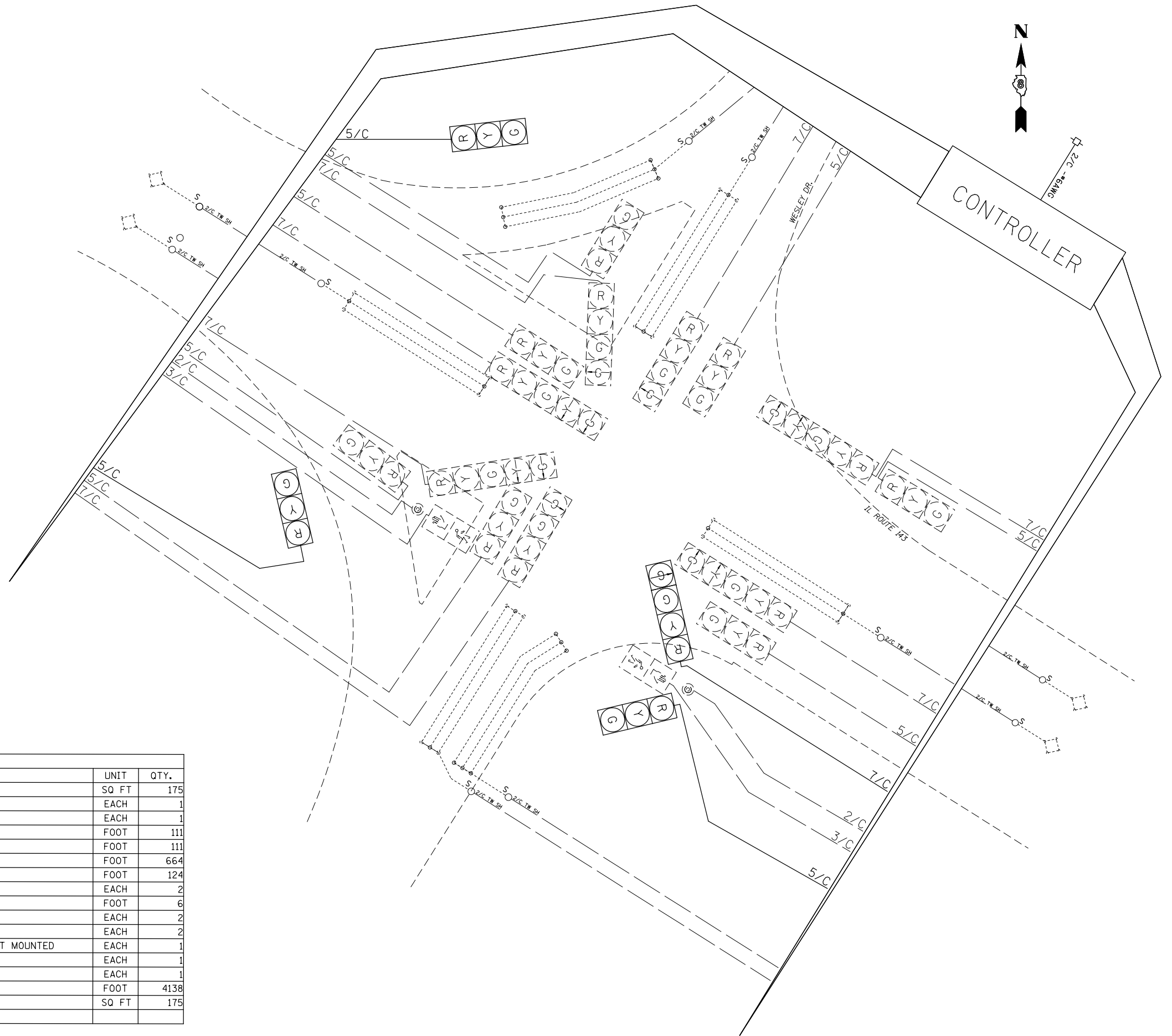
IL 143 & LAKIN (WOOD RIVER, MADISON CNTY.)
TRAFFIC SIGNAL PLAN

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

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	Dist 8 TS 2016-2	•	126	123
•=VARIOUS			CONTRACT NO. 76J21	
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.
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	175
70102637	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	EACH	1
70102642	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	EACH	1
80300100	LOCATING UNDERGROUND CABLE	FOOT	111
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	111
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	664
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	124
87502680	TRAFFIC SIGNAL POST, ALUMINUM 14 FT.	EACH	2
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	6
87900200	DRILL EXISTING HANDHOLE	EACH	2
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
88040250	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-4-SECTION, BRACKET MOUNTED	EACH	1
89502200	MODIFY EXISTING CONTROLLER	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	4138
X4402020	CONCRETE MEDIAN SURFACE REMOVAL	SQ FT	175

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	PLOT DATE = 3/18/2016	DATE -	REVISED -

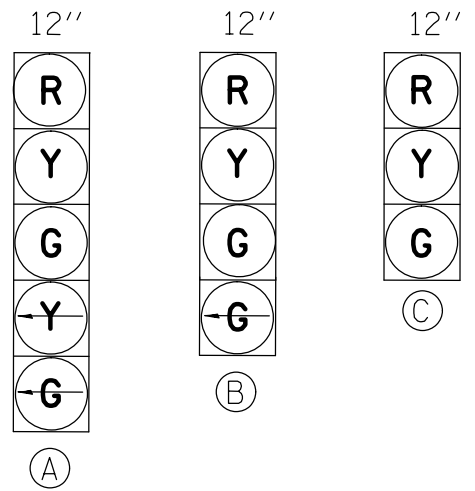
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 143 & LAKIN (WOOD RIVER, MADISON CNTY.)
WIRING DIAGRAM**

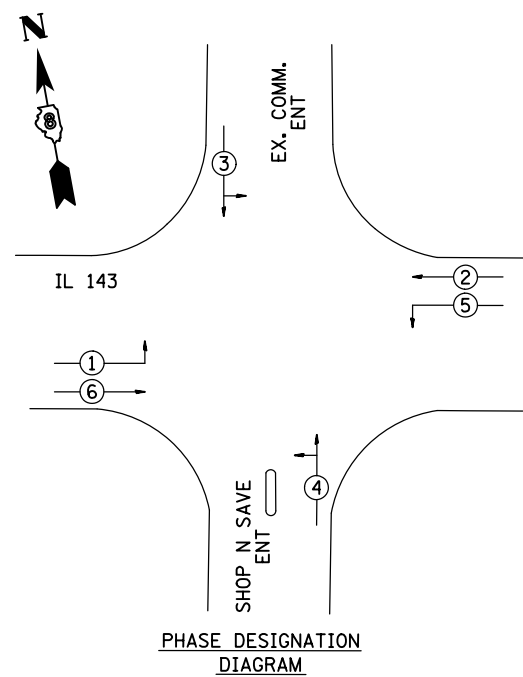
SCALE: SHEET NO. OF SHEETS STA. TO STA.

RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	Dist 8 TS 2016-2	*	126	124
* = VARIOUS			CONTRACT NO. 76J21	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SEE CABLE DIAGRAM FOR "SCHEDULE OF QUANTITIES"



PROPOSED TRAFFIC SIGNAL FACES



PHASE DESIGNATION DIAGRAM

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		

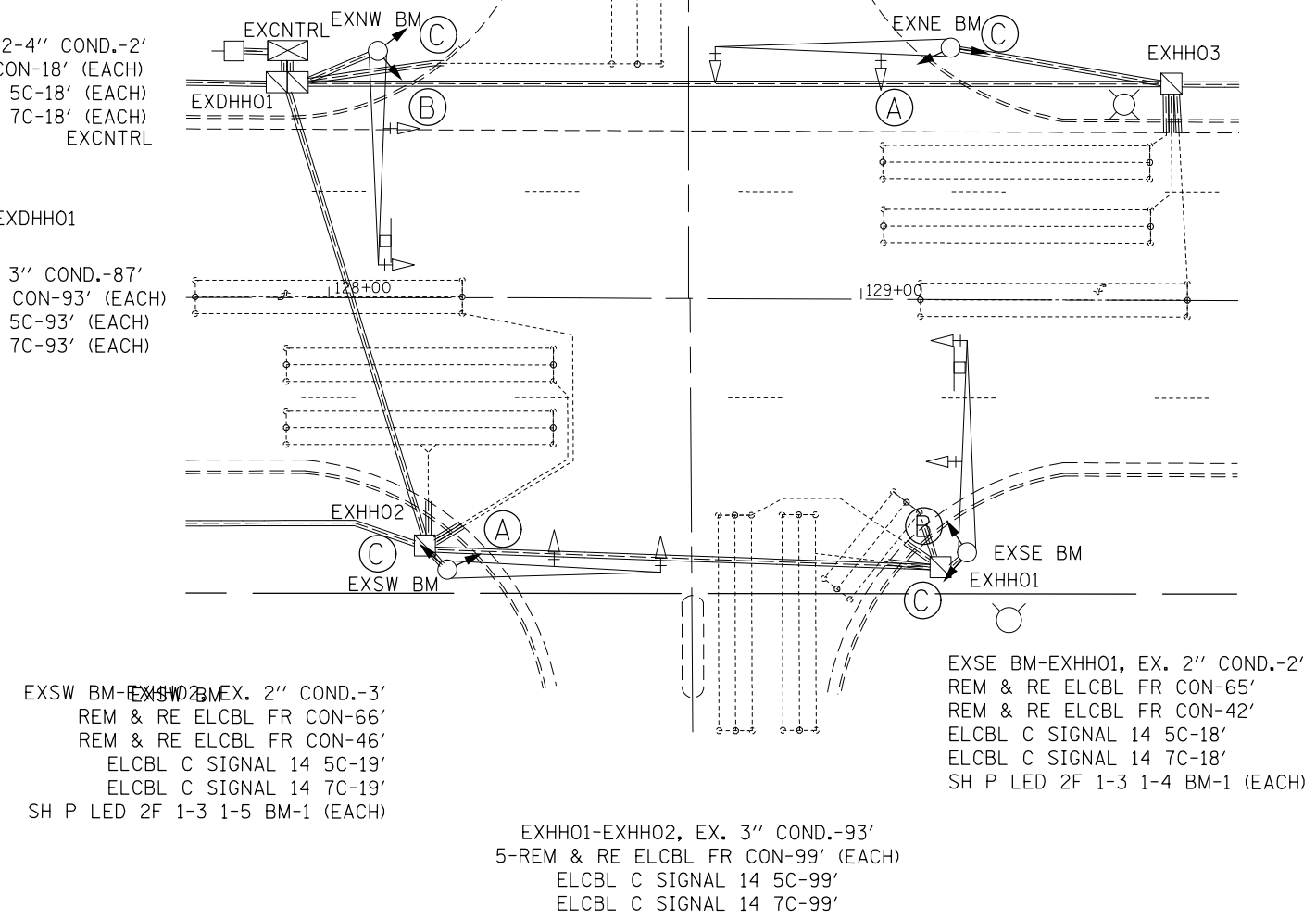
EXDHH01-EXCNTRL, EX. 2-4" COND.-2'
 21-REM & RE ELCBL FR CON-18' (EACH)
 4-ELCBL C SIGNAL 14 5C-18' (EACH)
 4-ELCBL C SIGNAL 14 7C-18' (EACH)
 EXCNTRL

EXHH02-EXDHH01, EX. 3" COND.-87'
 12-REM & RE ELCBL FR CON-93' (EACH)
 2-ELCBL C SIGNAL 14 5C-93' (EACH)
 2-ELCBL C SIGNAL 14 7C-93' (EACH)

EXSW BM-EXSH02, EX. 2" COND.-3'
 REM & RE ELCBL FR CON-66'
 REM & RE ELCBL FR CON-46'
 ELCBL C SIGNAL 14 5C-19'
 ELCBL C SIGNAL 14 7C-19'
 SH P LED 2F 1-3 1-5 BM-1 (EACH)

EXHH03-EXDHH01, EX. 3" COND.-160'
 7-REM & RE ELCBL FR CON-166' (EACH)
 ELCBL C SIGNAL 14 5C-166'
 ELCBL C SIGNAL 14 7C-166'

EXNE BM-EXHH03, EX. 2" COND.-38'
 REM & RE ELCBL FR CON-105'
 REM & RE ELCBL FR CON-74'
 ELCBL C SIGNAL 14 5C-54'
 ELCBL C SIGNAL 14 7C-54'
 SH P LED 2F 1-3 1-5 BM-1 (EACH)

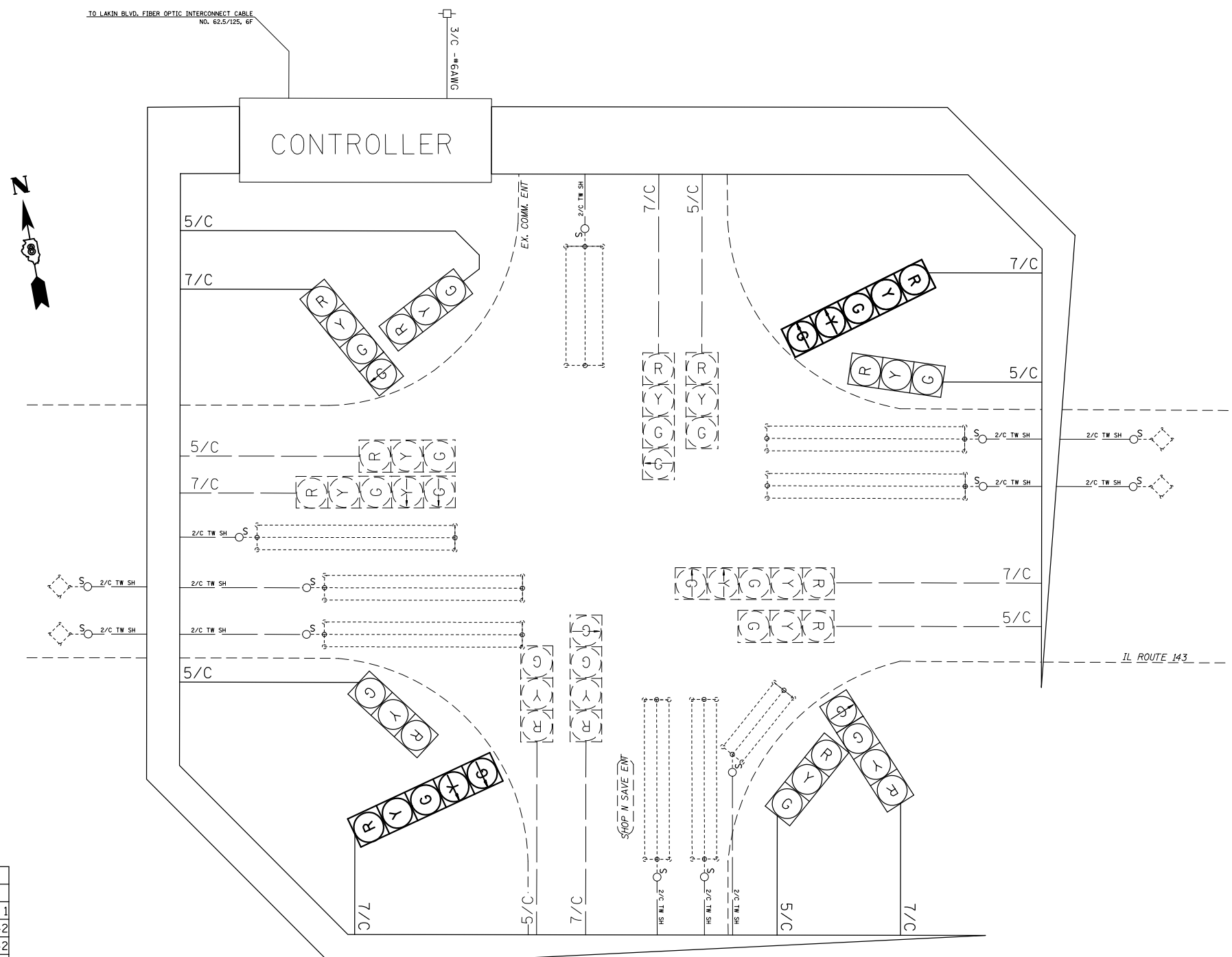


EXHH01-EXHH02, EX. 3" COND.-93'
 5-REM & RE ELCBL FR CON-99' (EACH)
 ELCBL C SIGNAL 14 5C-99'
 ELCBL C SIGNAL 14 7C-99'



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
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	642
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	642
88040250	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-4-SECTION, BRACKET MOUNTED	EACH	2
88040260	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	2
89502200	MODIFY EXISTING CONTROLLER	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	3675