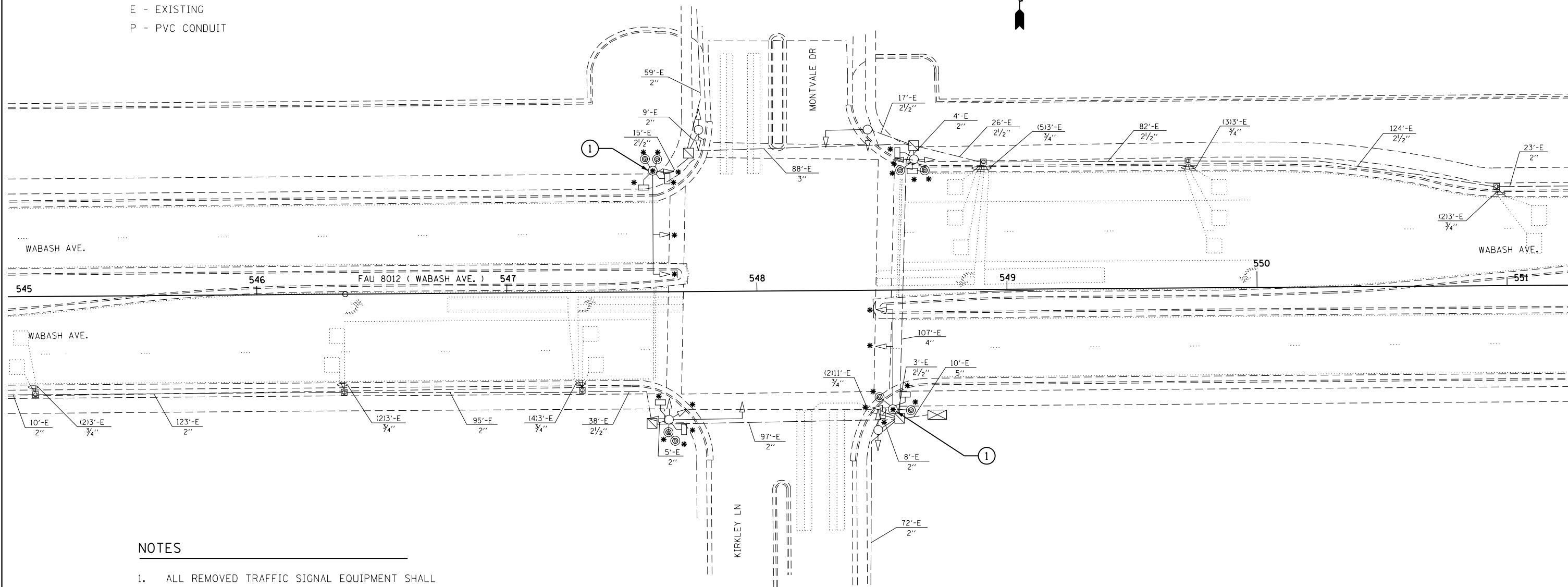
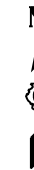


**LEGEND**

- ① REMOVE EXISTING CONCRETE FOUNDATION
  - \* REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
- | QTY. | EQUIPMENT                        |
|------|----------------------------------|
| 2    | STEEL MAST-ARM ASSEMBLY AND POLE |
| 2    | SIGNAL HEAD, LED, 1 F, 3 S, MM   |
| 2    | SIGNAL HEAD, LED, 1 F, 3 S, BM   |
| 2    | SIGNAL HEAD, LED, 1 F, 5 S, MM   |
| 2    | SIGNAL HEAD, LED, 1 F, 5 S, BM   |
| 8    | PEDESTRIAN SIGNAL HEAD           |
| 8    | PEDESTRIAN PUSH-BUTTON           |
| 1    | PEDESTRIAN PUSH-BUTTON POST      |

E - EXISTING  
P - PVC CONDUIT



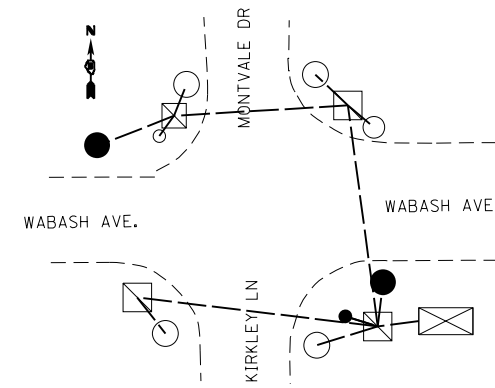
**NOTES**

- ALL REMOVED TRAFFIC SIGNAL EQUIPMENT SHALL BE DISPOSED OF BY THE CONTRACTOR. REMOVED EQUIPMENT BECOMES CONTRACTOR'S PROPERTY.

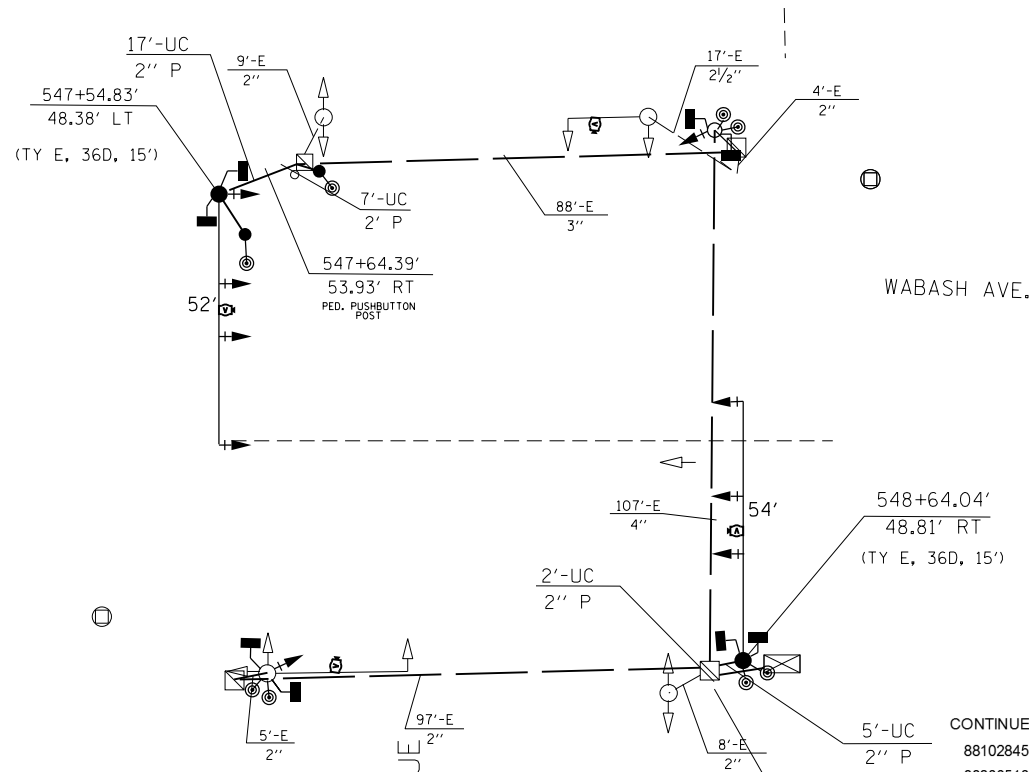
FILE NAME = c:\pwwork\pwwork\sparksgw\10296742\06729-sht-trf-signal.dgn	USER NAME = sparksgw	DESIGNED - DMS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING TRAFFIC SIGNAL PLAN SHEET WABASH AVE. &amp; KIRKLEY / MONTVALE AVE.</b>				F.A.P. RTE. 664	SECTION .	COUNTY SANGAMON	TOTAL SHEETS 126	SHEET NO. 101
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 72F29	
	PLOT DATE = Nov-08-2013 12:09:31PM	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
(GIRS-15,TS-9,(2)RS-9,TS-2													

**NOTE**

1. THE PROPOSED MAST ARM AND ALL ITS TRAFFIC SIGNAL EQUIPMENT SHALL BE INSTALLED PRIOR TO REMOVING THE EXISTING MAST ARM AND ALL ITS TRAFFIC SIGNAL EQUIPMENT. THIS WORK SHALL BE COMPLETED PRIOR TO END OF THE WORKING DAY;
2. WHILE TURNING ON THE PROPOSED SIGNALS, THE INTERSECTION SHALL BE PLACED ON 'FLASHING RED' MODE. IN ADDITION, PORTABLE STOP SIGNS SHALL BE INSTALLED ON EACH APPROACH;
3. EXISTING TRAFFIC SIGNALS SHALL BE COVERED/TURNED WHILE PROPOSED TRAFFIC SIGNALS ARE TURNED ON;



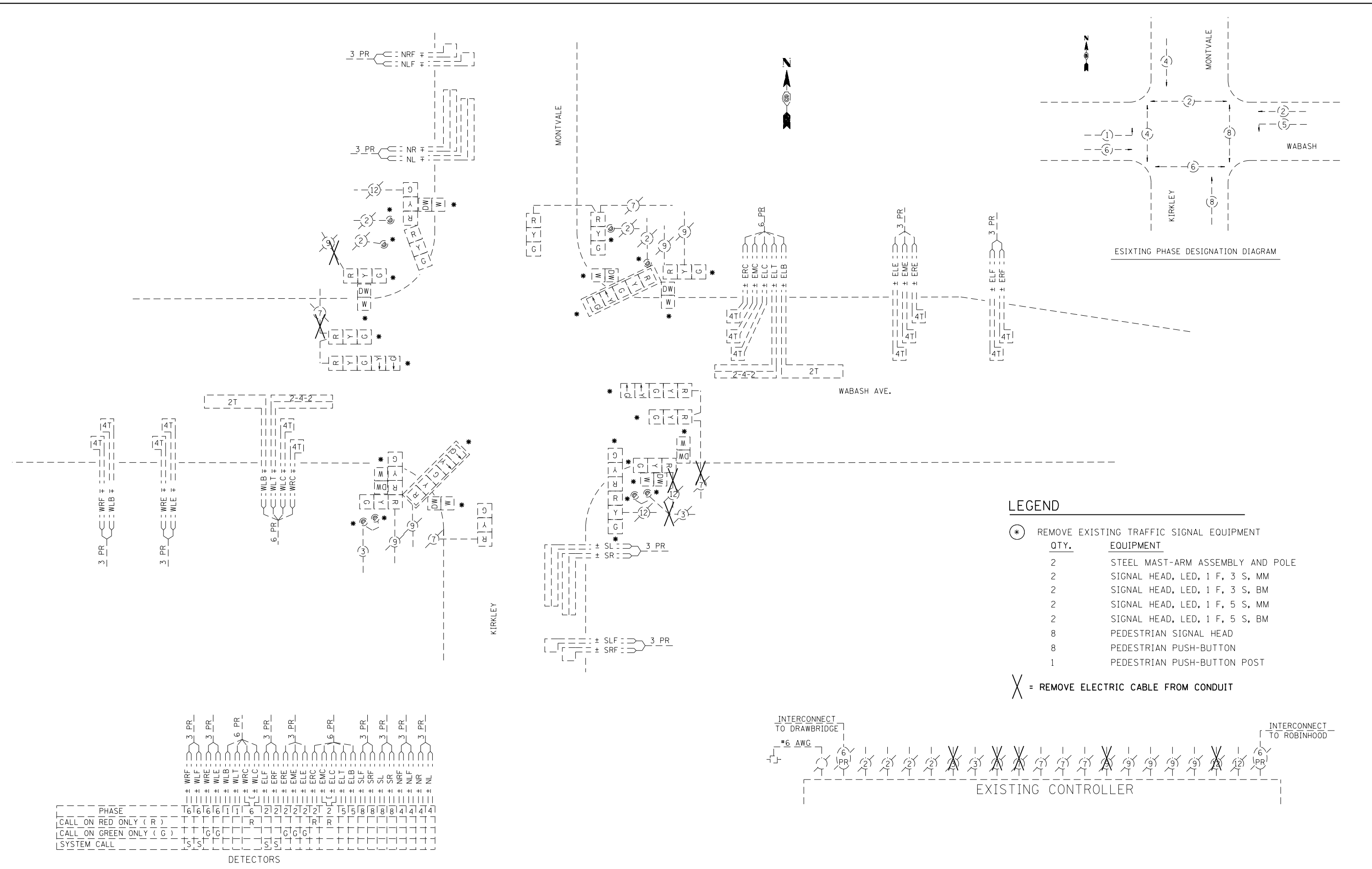
**PROPOSED GROUNDING DIAGRAM**



**BILL OF MATERIALS: WABASH & KIRKLEY/MONTVALE**

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	31
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
87300010	GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	4
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1445
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	690
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1 C	FOOT	455
87502700	TRAFFIC SIGNAL POST, ALUMINUM 16FT	EACH	1
87600100	PEDESTRIAN PUSH-BUTTON POST, TYPE I	EACH	2
87700300	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1
87700310	STEEL MAST ARM ASSEMBLY AND POLE, 54 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	3
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	30
87900200	DRILL EXISTING HANDHOLE	EACH	4
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4
88040110	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	2
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	2

CONTINUE	DESCRIPTION	UNIT	QUANTITY
88102845	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	5
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	9
88800100	PEDESTRIAN PUSH-BUTTON	EACH	8
89502200	MODIFY EXISTING CONTROLLER	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	845
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	27
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	3
X8140115	HANDHOLE TO BE ADJUSTED	EACH	3
Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	4
Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	1



EXISTING PHASE DESIGNATION DIAGRAM

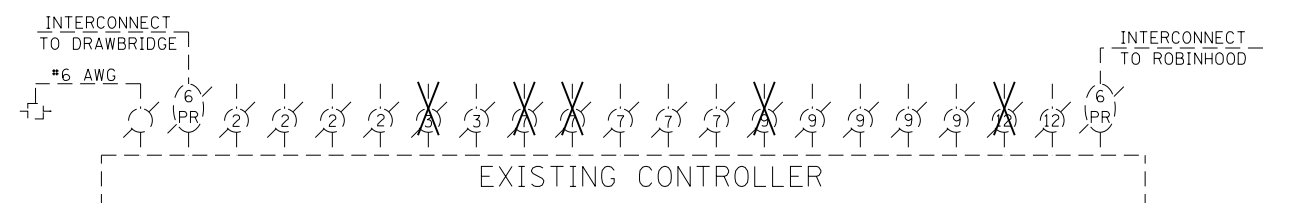
**LEGEND**

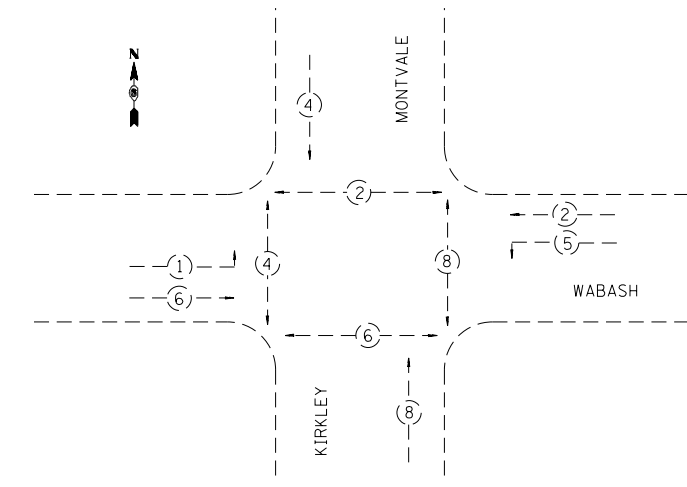
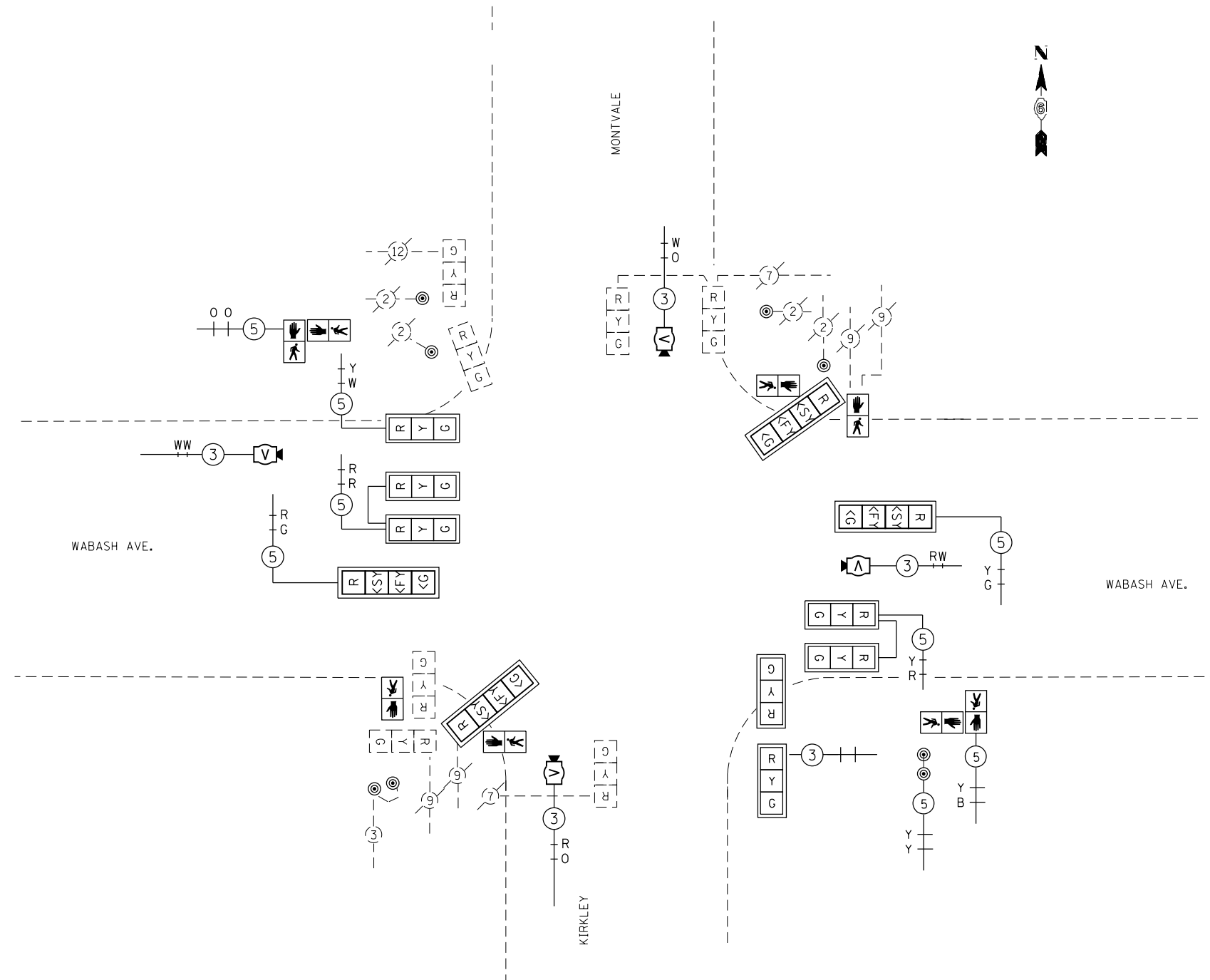
- (\*) REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT

QTY.	EQUIPMENT
2	STEEL MAST-ARM ASSEMBLY AND POLE
2	SIGNAL HEAD, LED, 1 F, 3 S, MM
2	SIGNAL HEAD, LED, 1 F, 3 S, BM
2	SIGNAL HEAD, LED, 1 F, 5 S, MM
2	SIGNAL HEAD, LED, 1 F, 5 S, BM
8	PEDESTRIAN SIGNAL HEAD
8	PEDESTRIAN PUSH-BUTTON
1	PEDESTRIAN PUSH-BUTTON POST

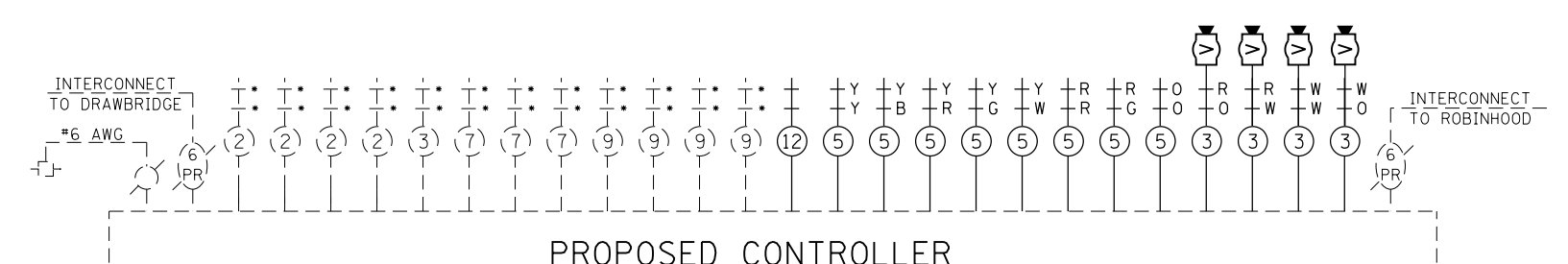
X = REMOVE ELECTRIC CABLE FROM CONDUIT

PHASE	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
CALL ON RED ONLY ( R )	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
CALL ON GREEN ONLY ( G )			G	G				G	G														
SYSTEM CALL	S	S			S	S																	
DETECTORS																							





PROPOSED PHASE DESIGNATION DIAGRAM



PROPOSED CONTROLLER

FILE NAME =	USER NAME = sparksgw	DESIGNED - DMS	REVISED -
ct:\pw\work\p\idot\sparksgw\10296742\06729-sht-trf-signal.dgn		DRAWN - DMS	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = Nov-08-2013 12:09:35PM	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

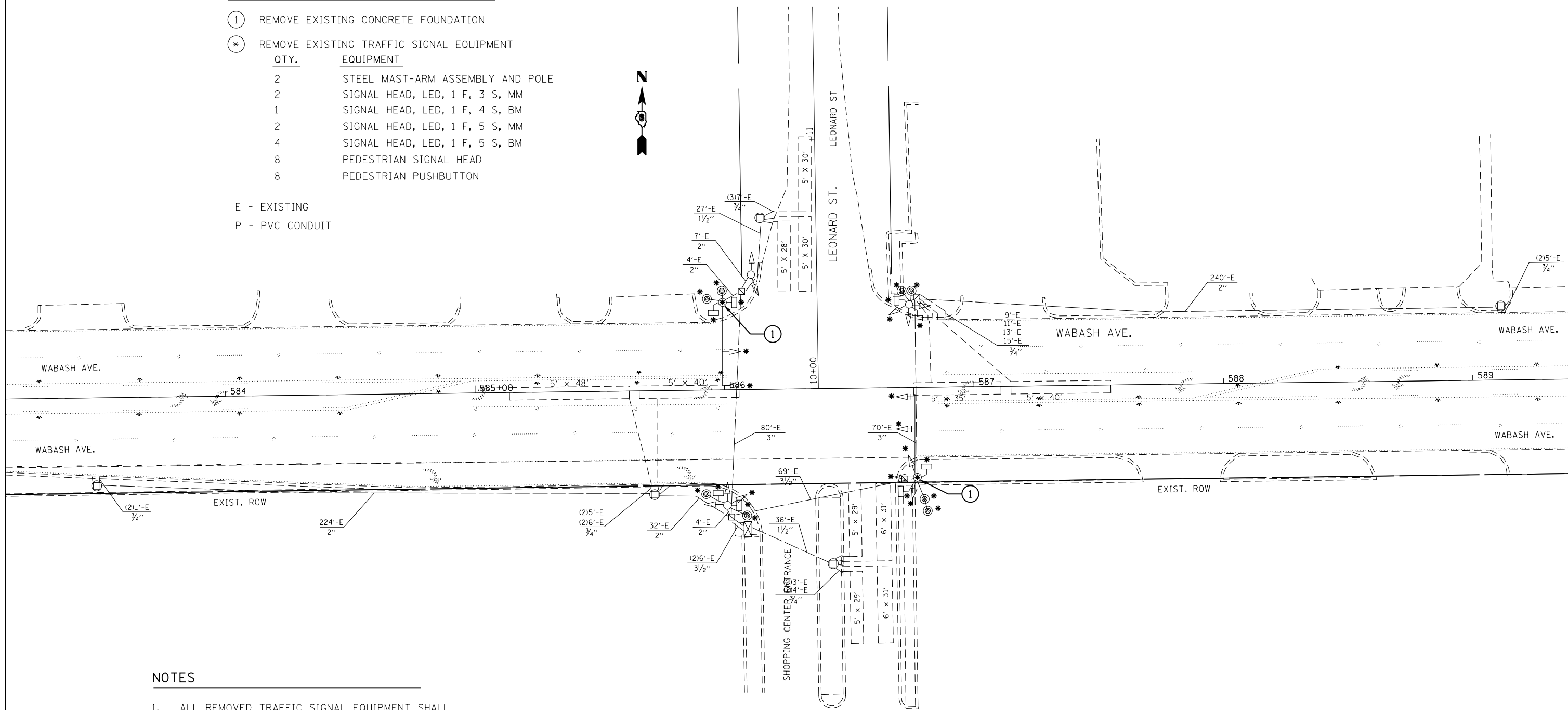
**PROPOSED CABLE DIAGRAM  
WABASH AVE. & KIRKLEY /MONTVALE AVE.**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
664	.	SANGAMON	126	104
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72F29	

**LEGEND**

- ① REMOVE EXISTING CONCRETE FOUNDATION
  - \* REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
- | QTY. | EQUIPMENT                        |
|------|----------------------------------|
| 2    | STEEL MAST-ARM ASSEMBLY AND POLE |
| 2    | SIGNAL HEAD, LED, 1 F, 3 S, MM   |
| 1    | SIGNAL HEAD, LED, 1 F, 4 S, BM   |
| 2    | SIGNAL HEAD, LED, 1 F, 5 S, MM   |
| 4    | SIGNAL HEAD, LED, 1 F, 5 S, BM   |
| 8    | PEDESTRIAN SIGNAL HEAD           |
| 8    | PEDESTRIAN PUSHBUTTON            |

E - EXISTING  
P - PVC CONDUIT



**NOTES**

- ALL REMOVED TRAFFIC SIGNAL EQUIPMENT SHALL BE DISPOSED OF BY THE CONTRACTOR. REMOVED EQUIPMENT BECOMES CONTRACTOR'S PROPERTY.

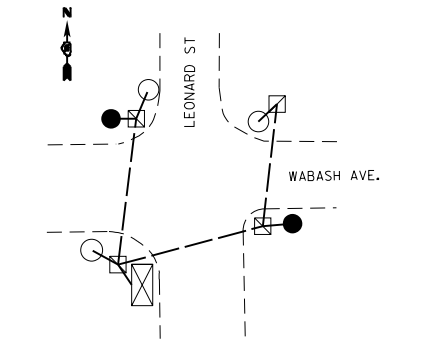
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = Nov-08-2013 12:09:35PM	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

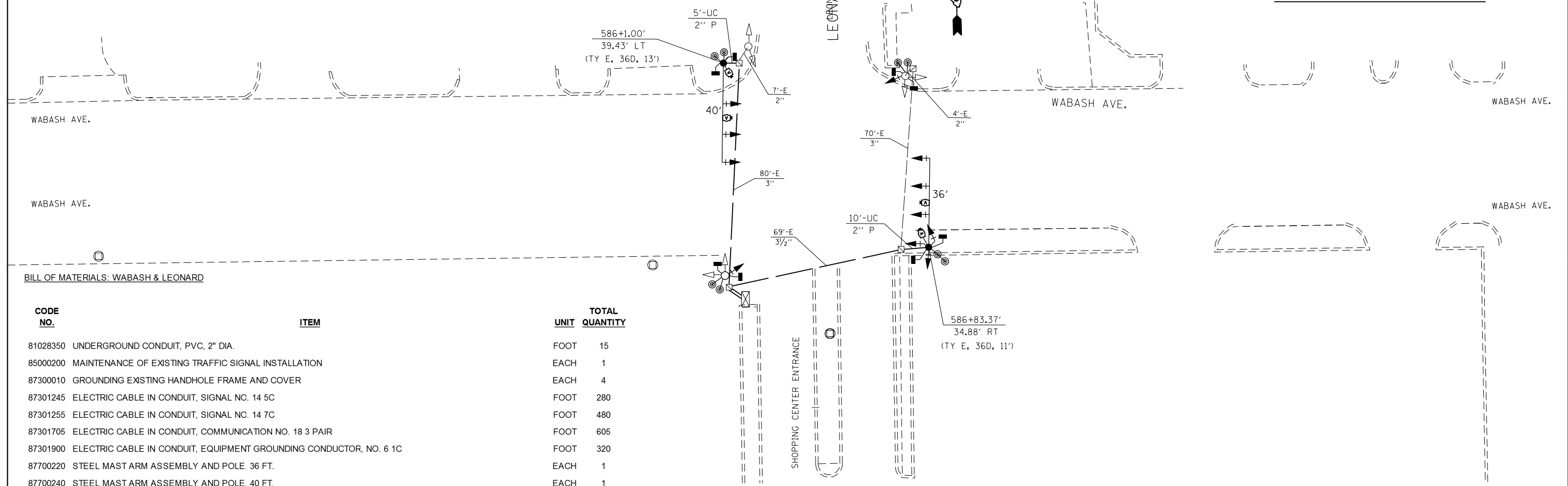
**EXISTING TRAFFIC SIGNAL PLAN SHEET  
WABASH AVE. & LEONARD ST.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
664	.	SANGAMON	126	105
			CONTRACT NO.	72F29



PROPOSED GROUNDING DIAGRAM



**BILL OF MATERIALS: WABASH & LEONARD**

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	15
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
87300010	GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	4
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	280
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	480
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	605
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	320
87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1
87700240	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	24
87900200	DRILL EXISTING HANDHOLE	EACH	2
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4
88040110	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	2
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	2
88040320	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 1-4-SECTION, 2-5-SECTION, BRACKET MOUNTED	EACH	1
88102845	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	4
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	11
88800100	PEDESTRIAN PUSH-BUTTON	EACH	8
89502200	MODIFY EXISTING CONTROLLER	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1010
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	27
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	2
Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	4
Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	1

**NOTE**

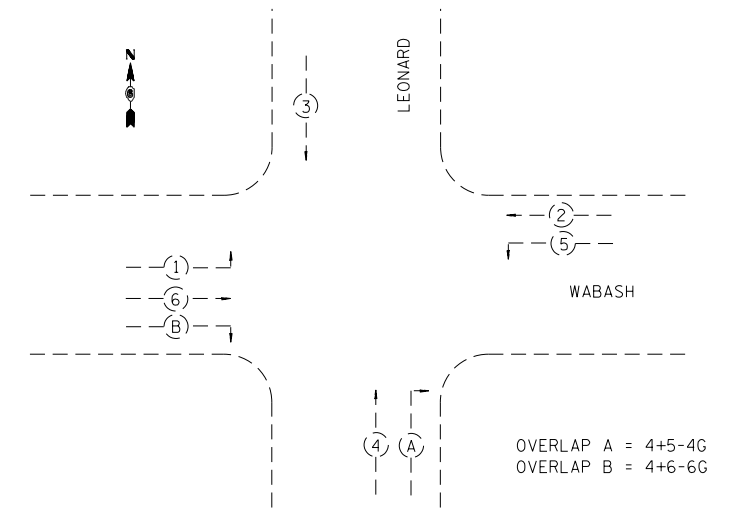
1. THE PROPOSED MAST ARM AND ALL ITS TRAFFIC SIGNAL EQUIPMENT SHALL BE INSTALLED PRIOR TO REMOVING THE EXISTING MAST ARM AND ALL ITS TRAFFIC SIGNAL EQUIPMENT. THIS WORK SHALL BE COMPLETED PRIOR TO END OF THE WORKING DAY;
2. WHILE TURNING ON THE PROPOSED SIGNALS, THE INTERSECTION SHALL BE PLACED ON 'FLASHING RED' MODE. IN ADDITION, PORTABLE STOP SIGNS SHALL BE INSTALLED ON EACH APPROACH;
3. EXISTING TRAFFIC SIGNALS SHALL BE COVERED/TURNED WHILE PROPOSED TRAFFIC SIGNALS ARE TURNED ON;

FILE NAME =	USER NAME = sparksgw	DESIGNED - DMS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED TRAFFIC SIGNAL PLAN SHEET WABASH AVE. &amp; LEONARD ST.</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLT DATE = Nov-08-2013 12:09:35PM	DRAWN - DMS	REVISED -						664	.	SANGAMON	126	106
		CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT	
		DATE -	REVISED -		CONTRACT NO. 72F29								

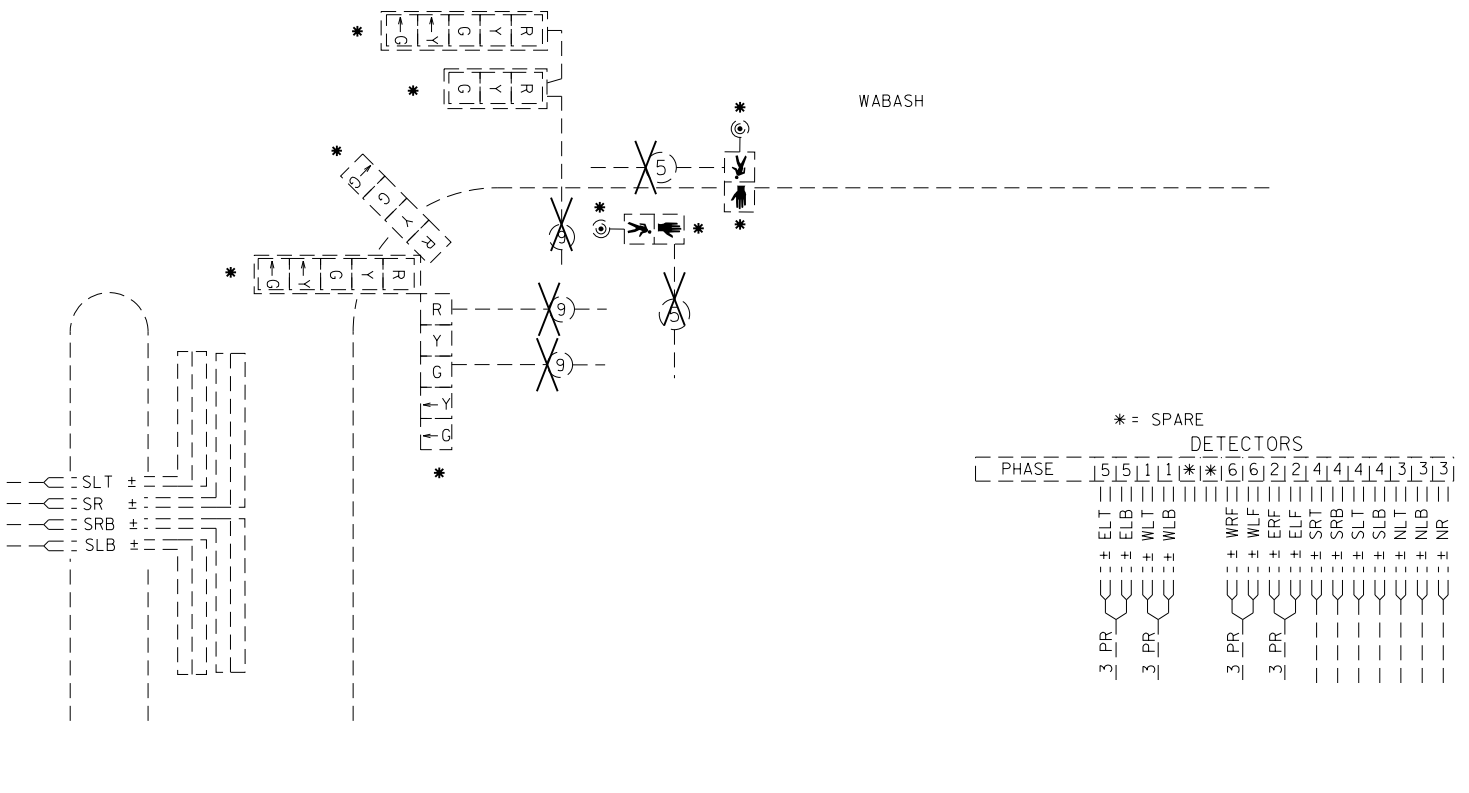
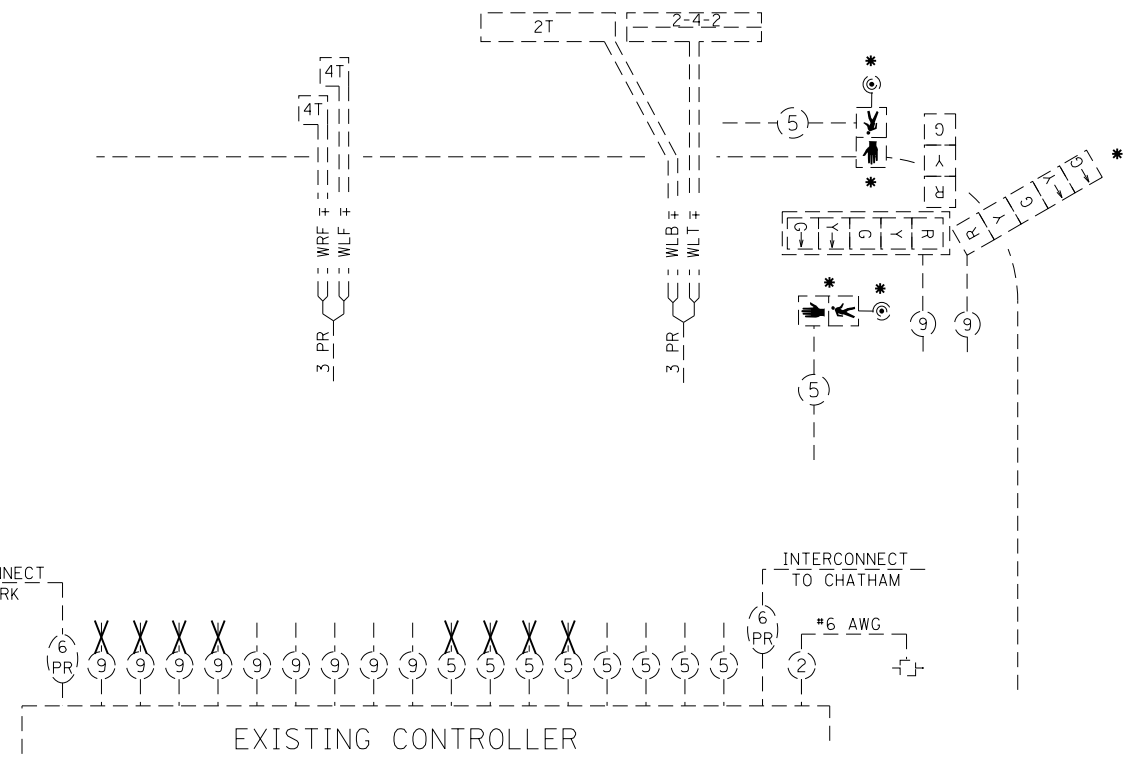
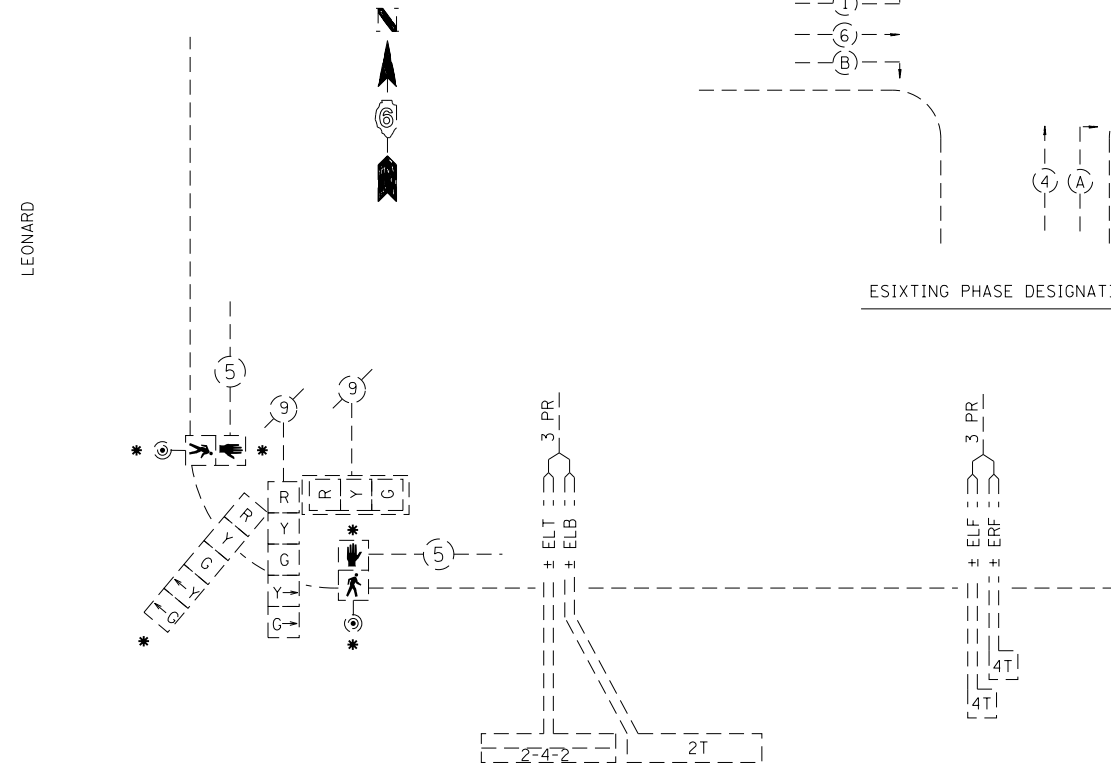
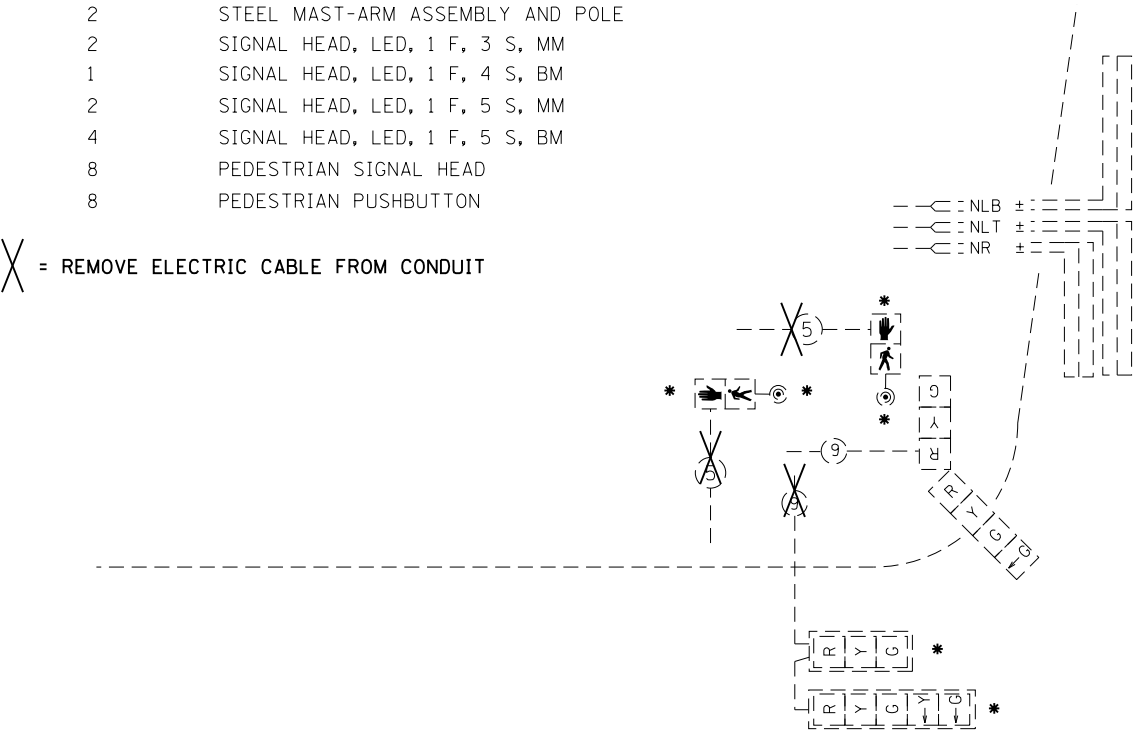
**LEGEND**

(*)	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
QTY.	EQUIPMENT
2	STEEL MAST-ARM ASSEMBLY AND POLE
2	SIGNAL HEAD, LED, 1 F, 3 S, MM
1	SIGNAL HEAD, LED, 1 F, 4 S, BM
2	SIGNAL HEAD, LED, 1 F, 5 S, MM
4	SIGNAL HEAD, LED, 1 F, 5 S, BM
8	PEDESTRIAN SIGNAL HEAD
8	PEDESTRIAN PUSHBUTTON

X = REMOVE ELECTRIC CABLE FROM CONDUIT

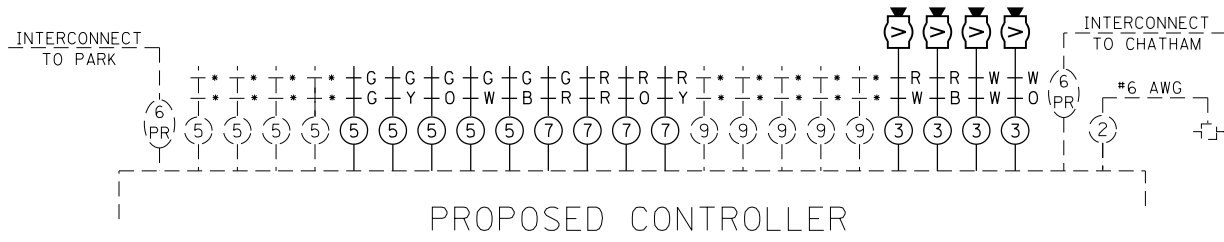


ESIXTING PHASE DESIGNATION DIAGRAM

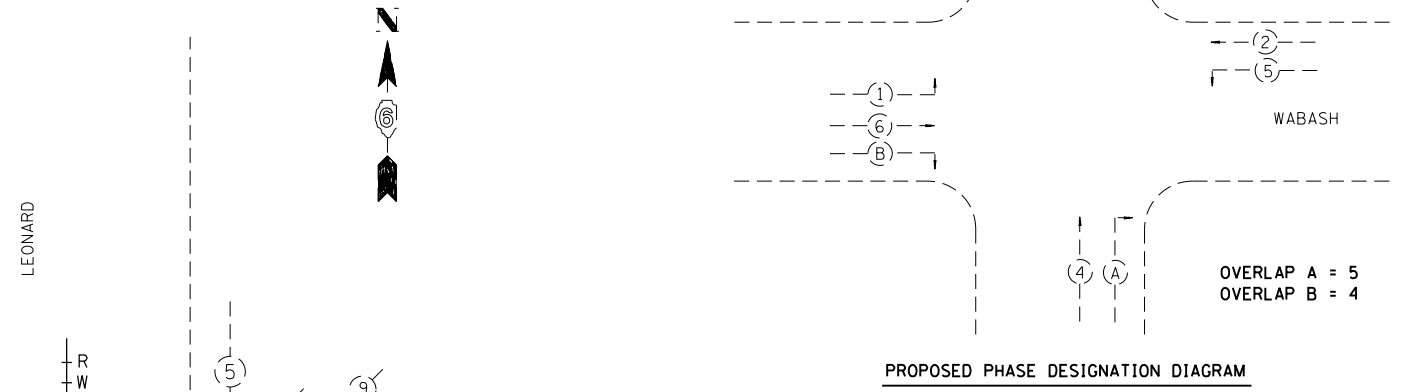
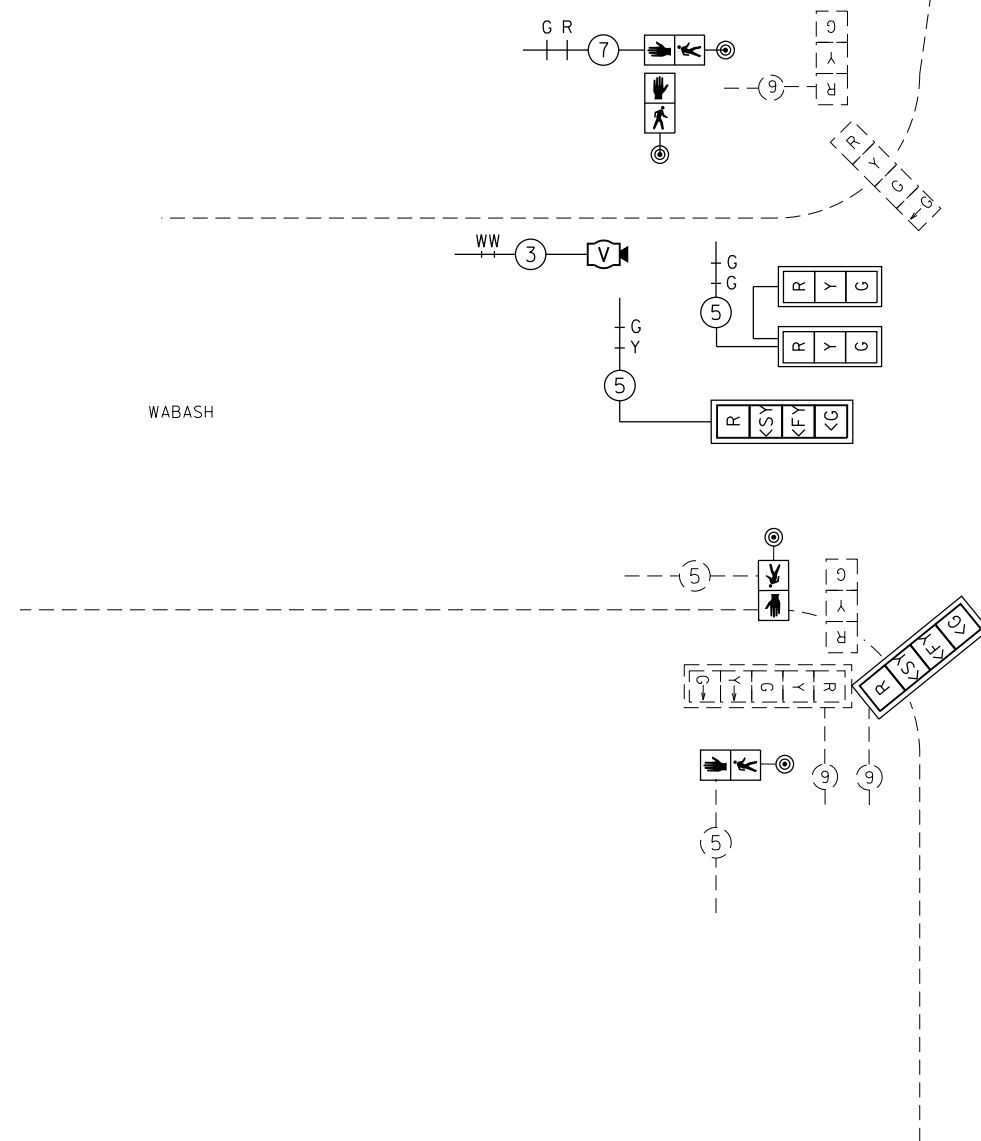


\* = SPARE

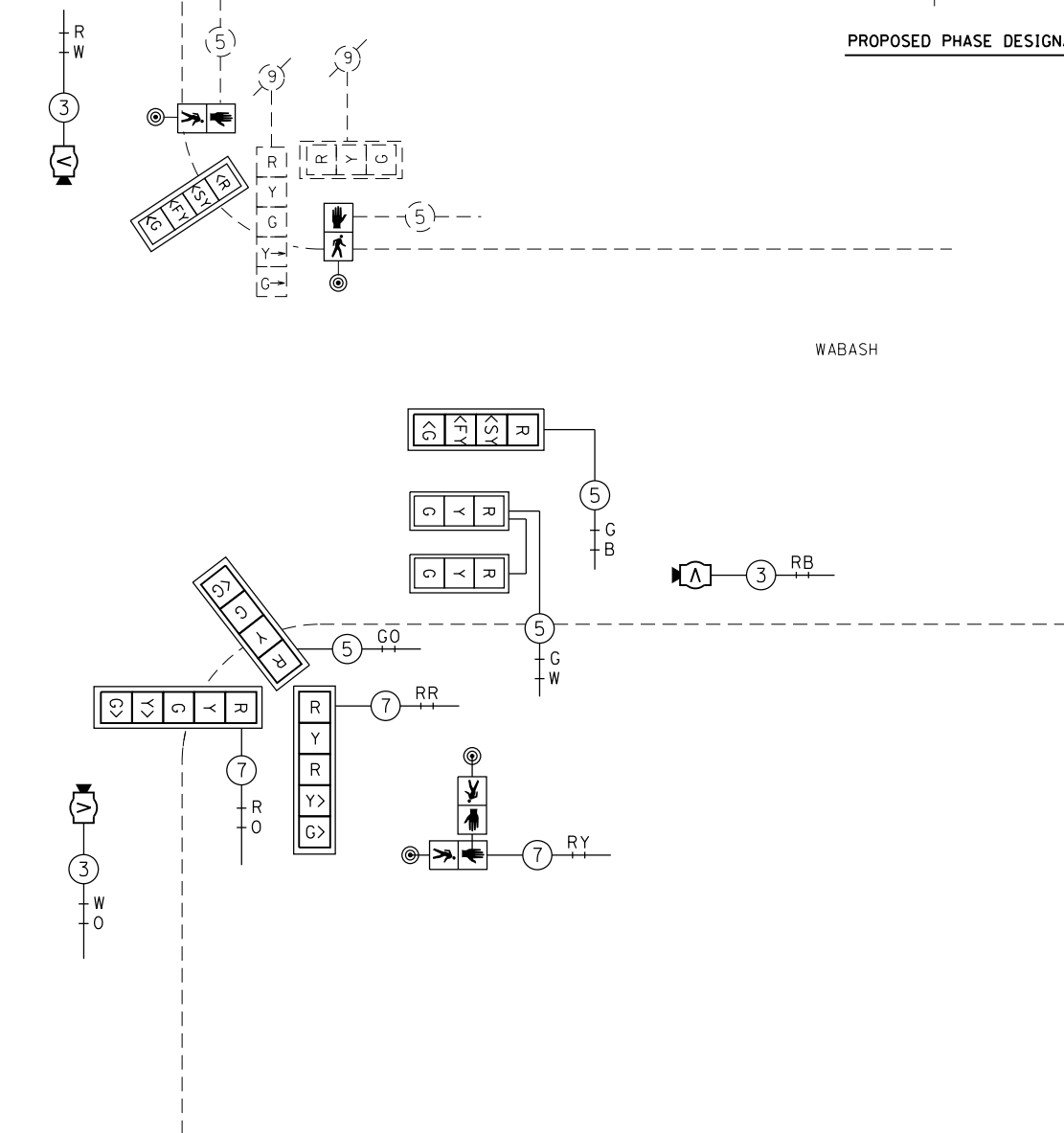
PHASE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ELT															
ELB															
ELF															
ERF															
WLB															
WLF															
SLT															
SRB															
SLB															
NLB															
NR															



PROPOSED CONTROLLER



PROPOSED PHASE DESIGNATION DIAGRAM



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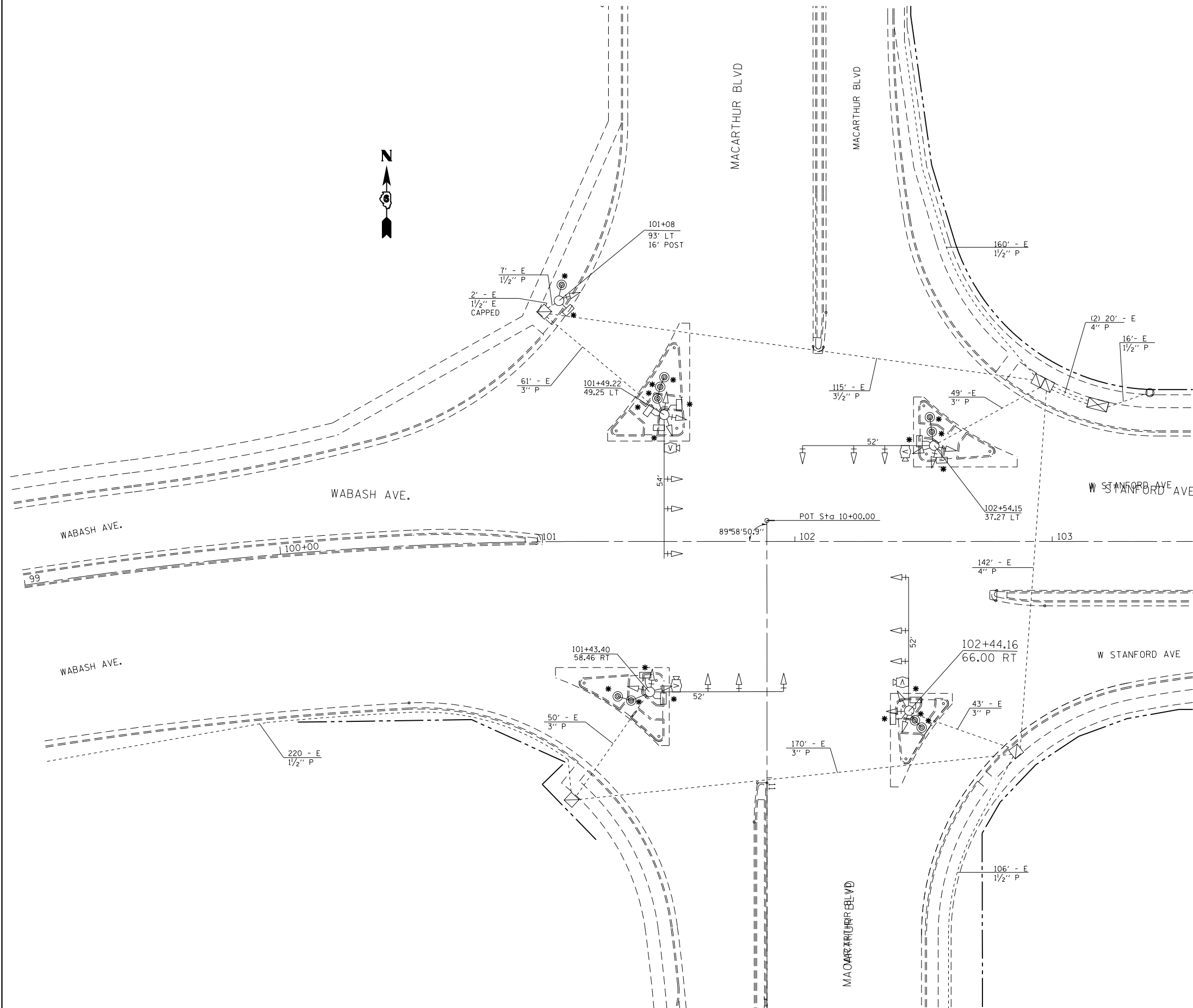
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED CABLE DIAGRAM  
WABASH AVE. & LEONARD ST.**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
664	•	SANGAMON	126	108
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72F29	





**LEGEND**

(*)	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
QTY.	EQUIPMENT
10	PEDESTRIAN SIGNAL HEAD
10	PEDESTRIAN PUSHBUTTON

E - EXISTING  
P - PVC CONDUIT

**NOTES**

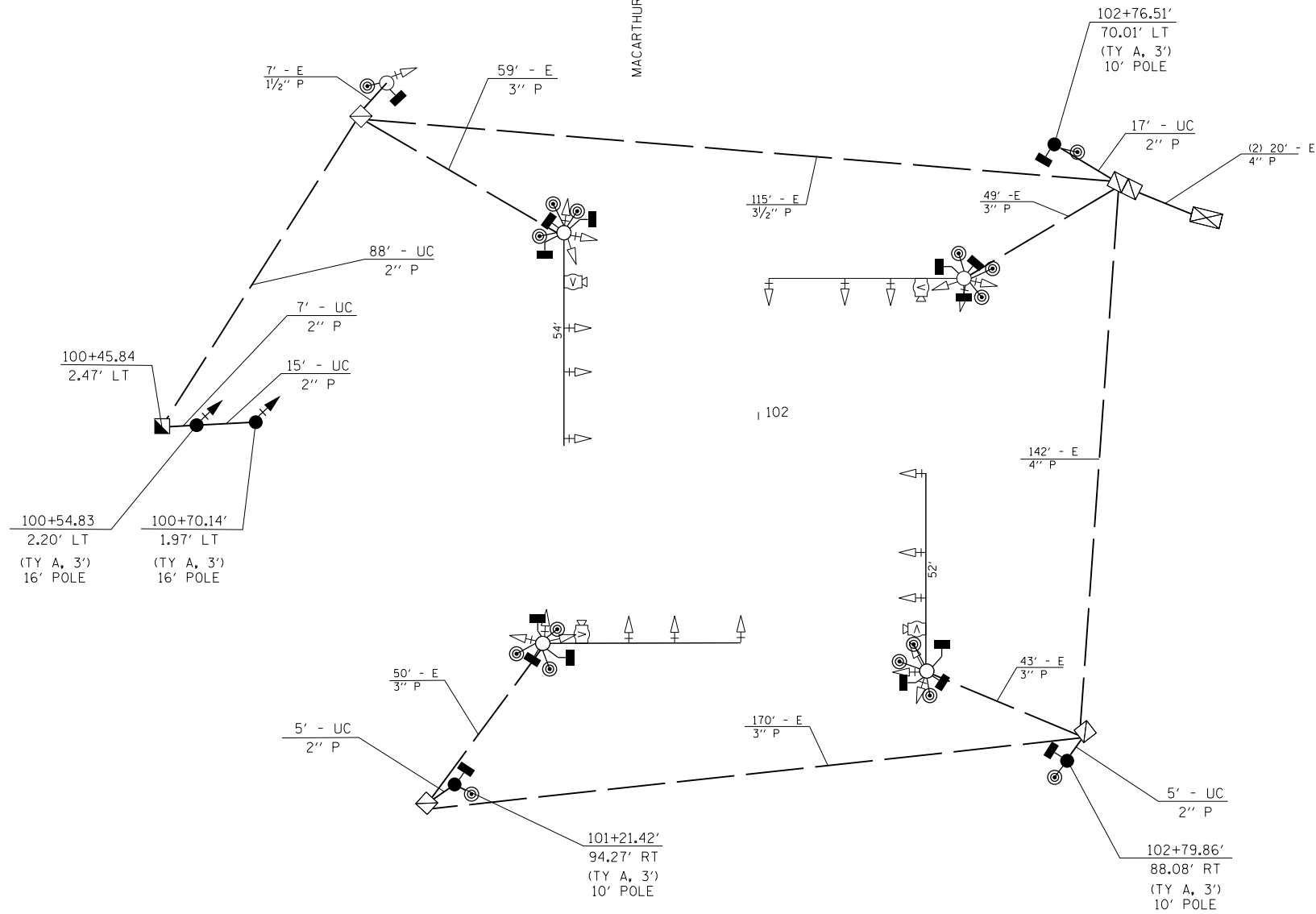
1. ALL REMOVED TRAFFIC SIGNAL EQUIPMENT SHALL BE DISPOSED OF BY THE CONTRACTOR. REMOVED EQUIPMENT BECOMES CONTRACTOR'S PROPERTY.

FILE NAME =	USER NAME = sparksgw	DESIGNED - DMS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING TRAFFIC SIGNAL PLAN SHEET WABASH AVE. &amp; MACARTHUR BLVD</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	ct:\pw\work\p\dot\sparksgw\10296742\06729-sht-trf-signal.dgn	DRAWN - DMS	REVISED -		664	.	SANGAMON	126	109				
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT				
	PLOT DATE = Nov-08-2013 12:09:39PM	DATE -	REVISED -		CONTRACT NO. 72F29				(G)RS-15,TS-9,(2)RS-9,TS-2				

WABASH AVE.

WABASH AVE.

MACARTHUR BLVD

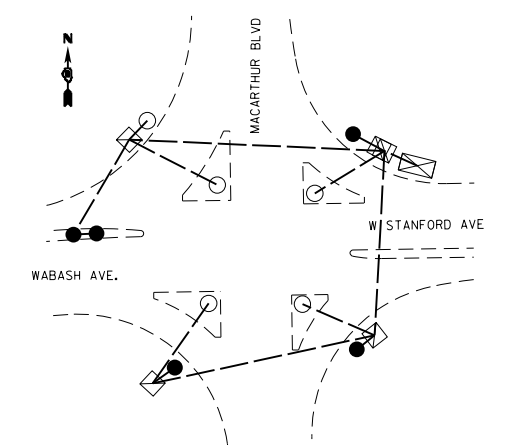


W STANFORD AVE

W STANFORD AVE

**BILL OF MATERIALS: WABASH & MACARTHUR**

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	137
81400100	HANDHOLE	EACH	1
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
87300010	GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	4
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1715
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	855
87502640	TRAFFIC SIGNAL POST, ALUMINUM 10 FT.	EACH	3
87502700	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	2
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	21
87900200	DRILL EXISTING HANDHOLE	EACH	4
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	8
88102845	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	4
88800100	PEDESTRIAN PUSH-BUTTON	EACH	16
89501250	RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	4
89502200	MODIFY EXISTING CONTROLLER	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	120
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	20



**PROPOSED GROUNDING DIAGRAM**

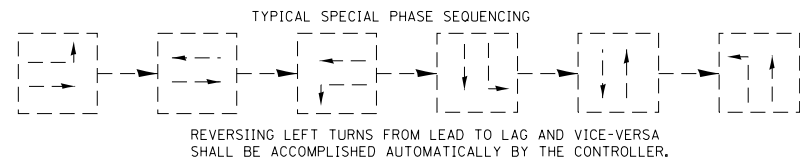
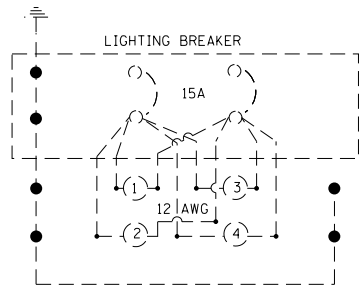
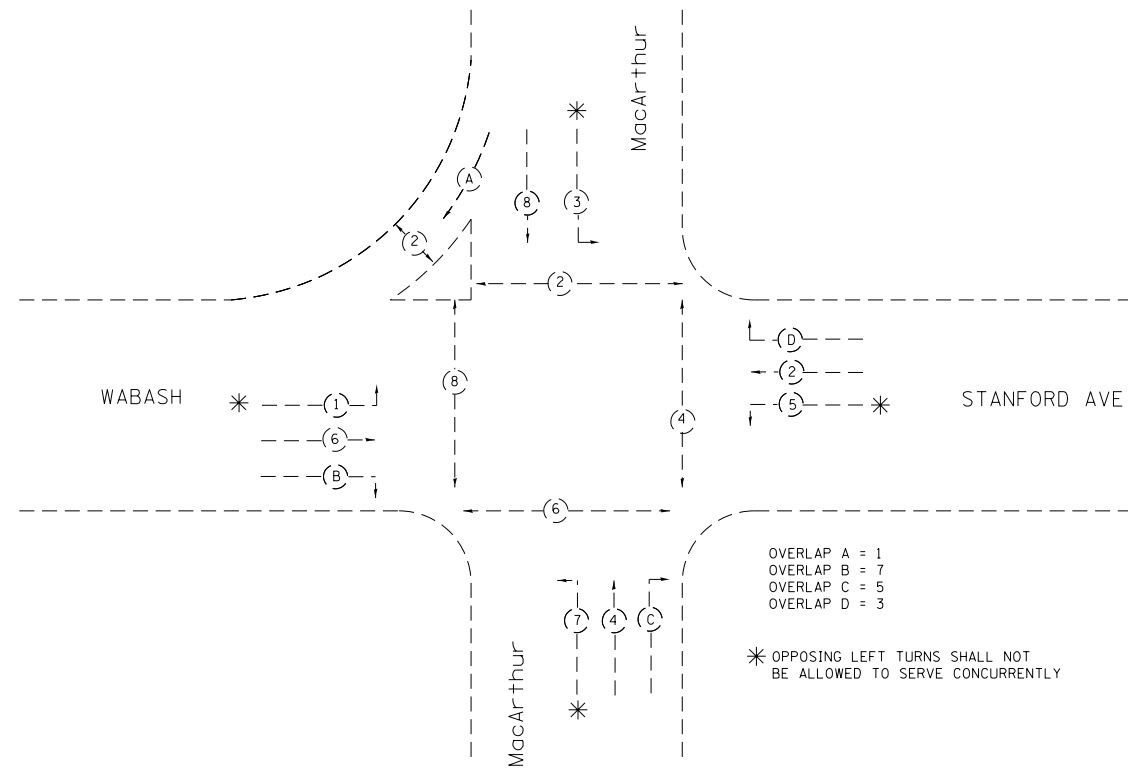
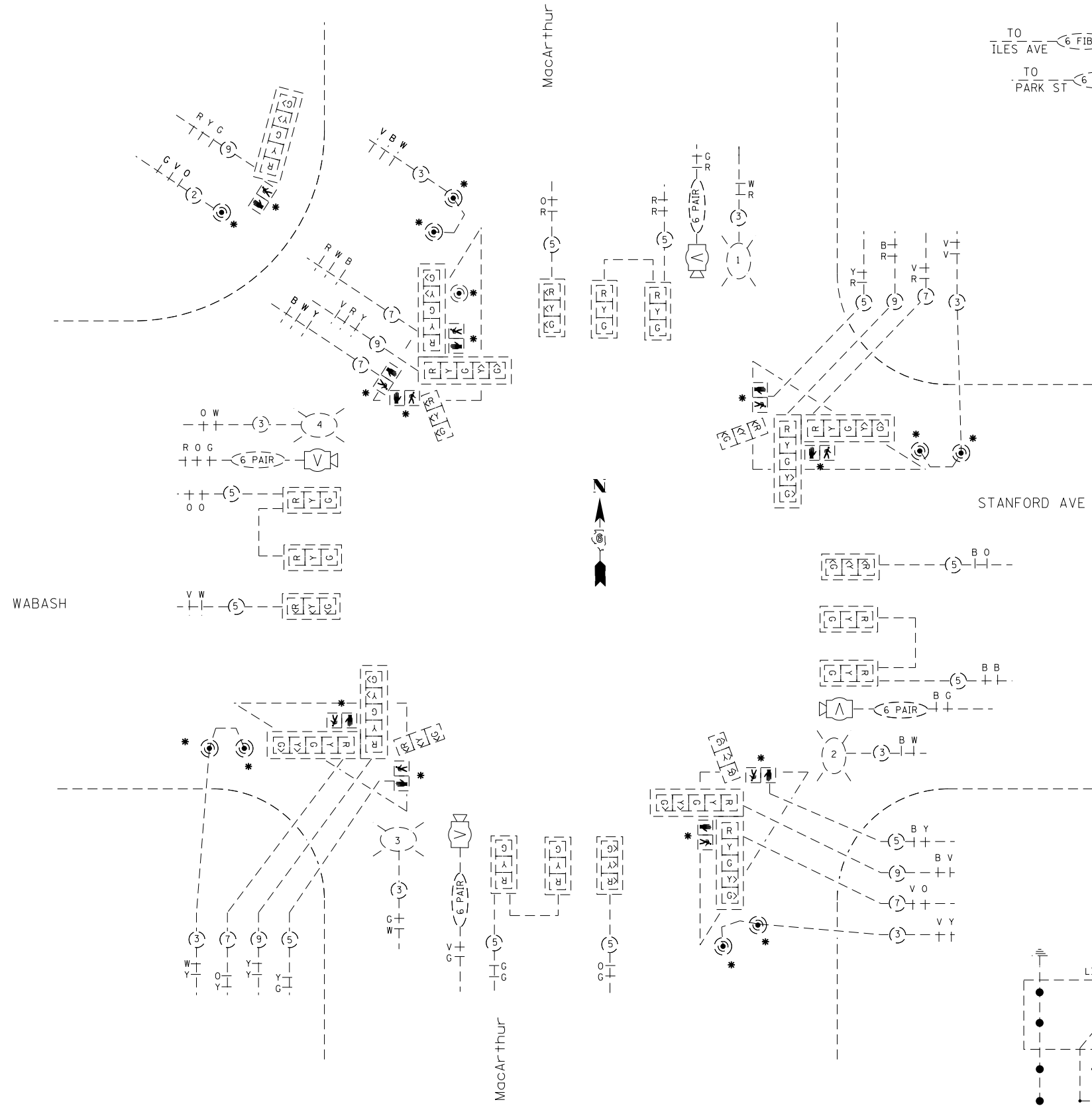
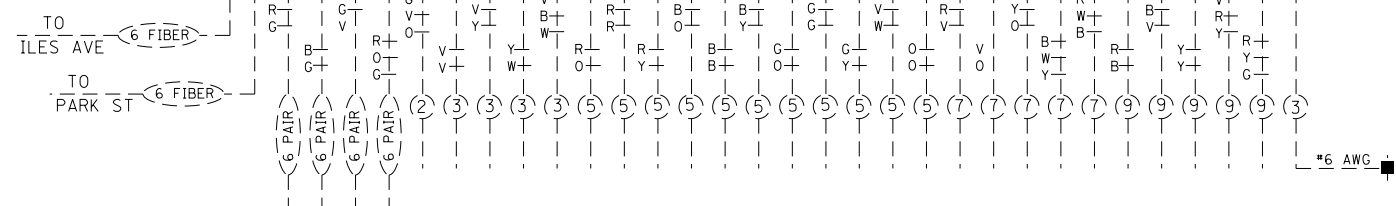
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ct:\pw\work\p1dot\sparksgw\10296742\06729\29-sht-trf-signal.dgn		DRAWN - DS	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = Nov-08-2013 12:09:39PM	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PROPOSED TRAFFIC SIGNAL PLAN SHEET</b>			
<b>WABASH AVE. &amp; MACARTHUR BLVD</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

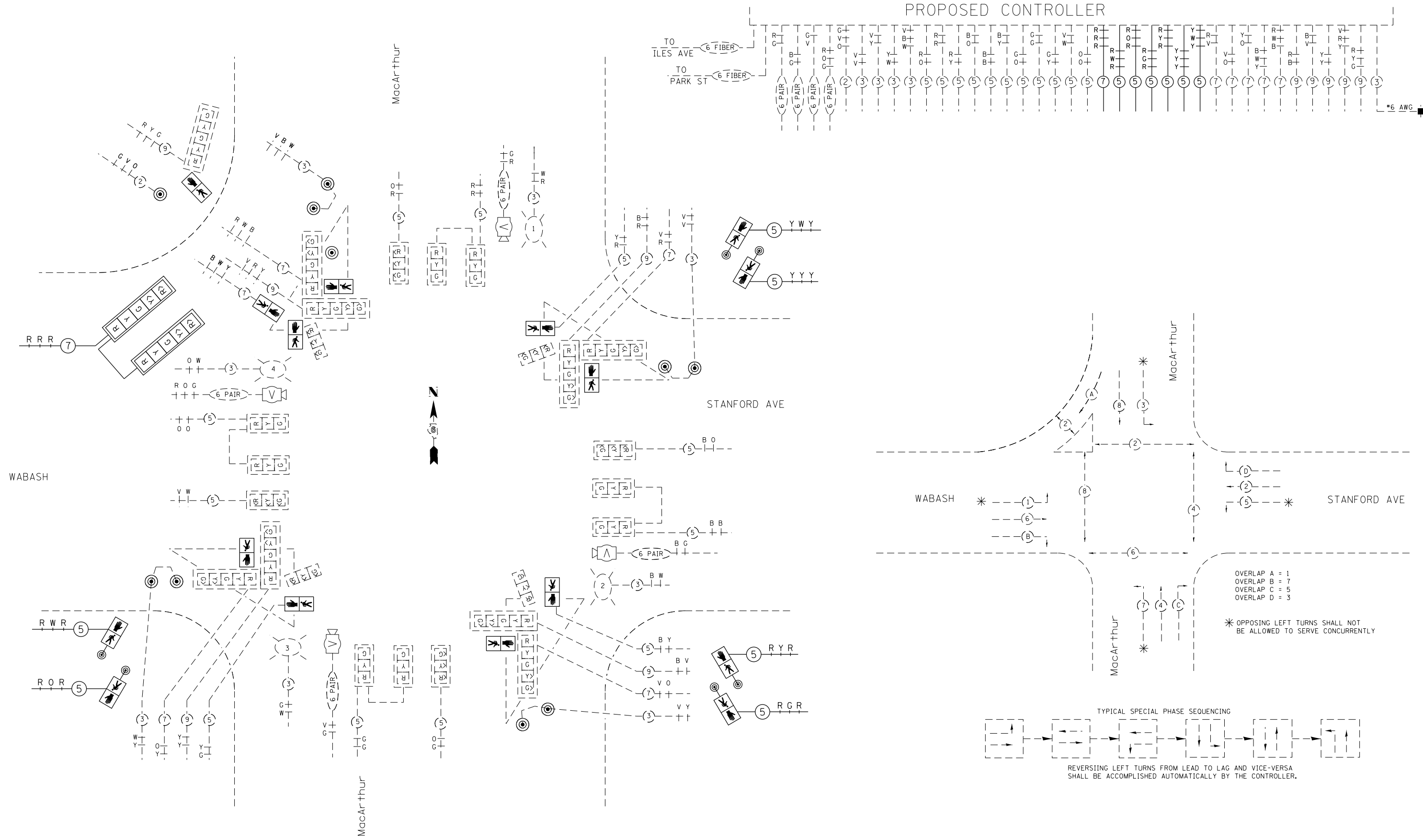
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
664	.	SANGAMON	126	110
CONTRACT NO. 72F29			ILLINOIS FED. AID PROJECT	

EXISTING CONTROLLER



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	PLOT SCALE = 40.0000' / in.	DRAWN - DS	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT	126
Default	PLOT DATE = Nov-08-2013 12:09:41PM	CHECKED -	REVISED -								CONTRACT NO. 72F29		

PROPOSED CONTROLLER

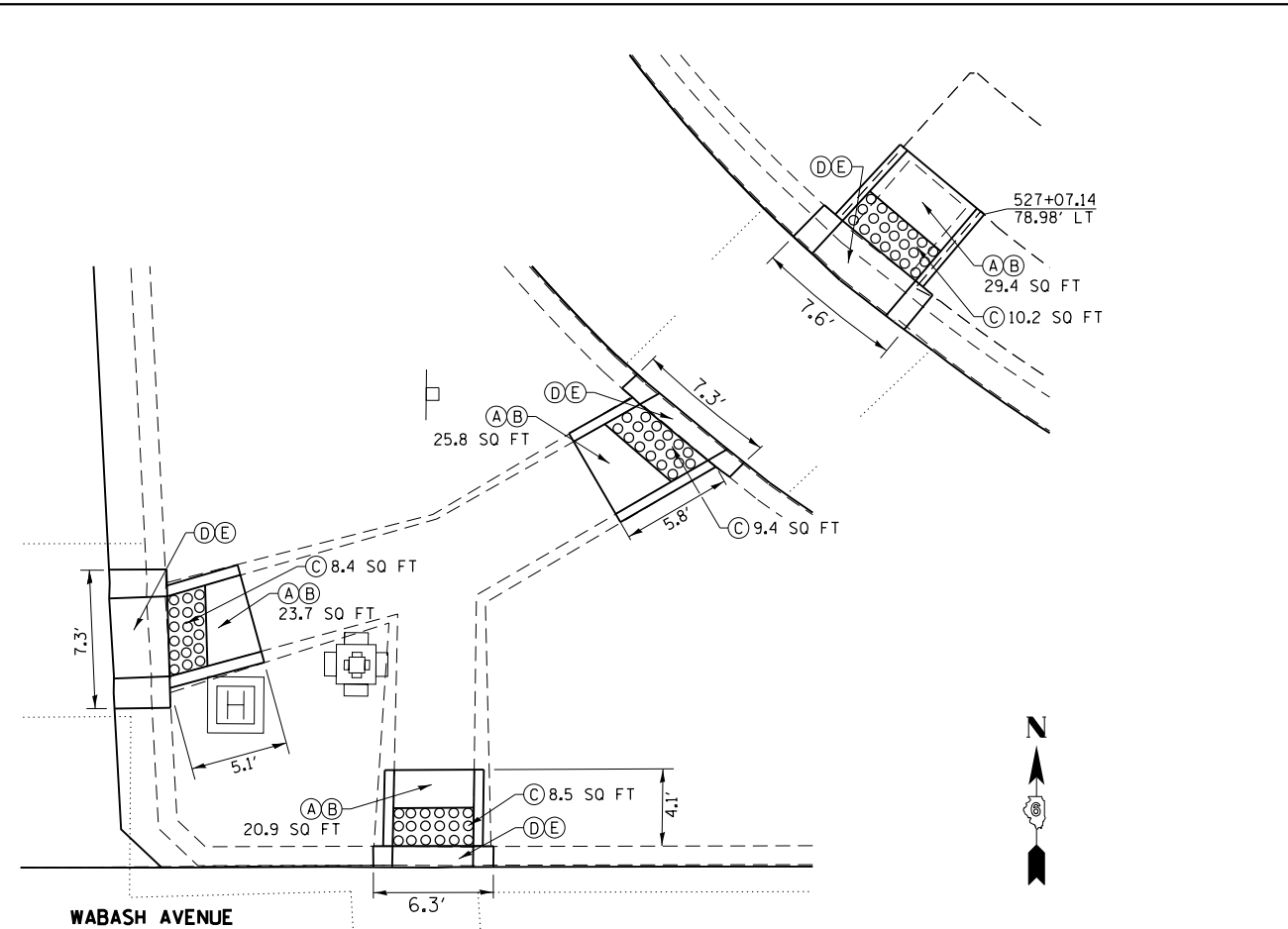


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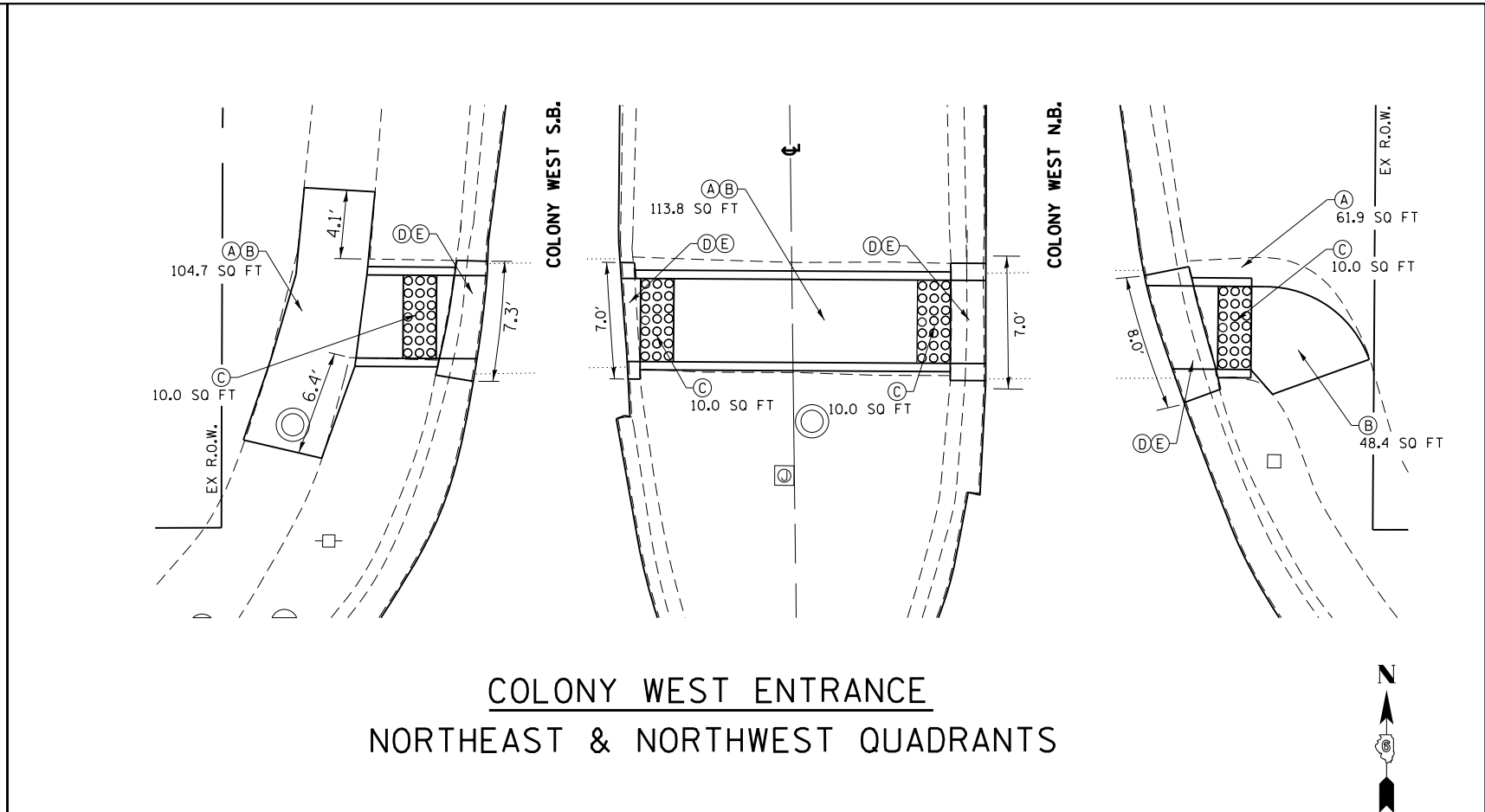
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED CABLE DIAGRAM  
WABASH AVE. & MACARTHUR BLVD**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
664	*	SANGAMON	126	112
CONTRACT NO. 72F29			ILLINOIS FED. AID PROJECT	



**WHITE OAKS MALL, EAST ENTRANCE  
NORTHWEST QUADRANT**

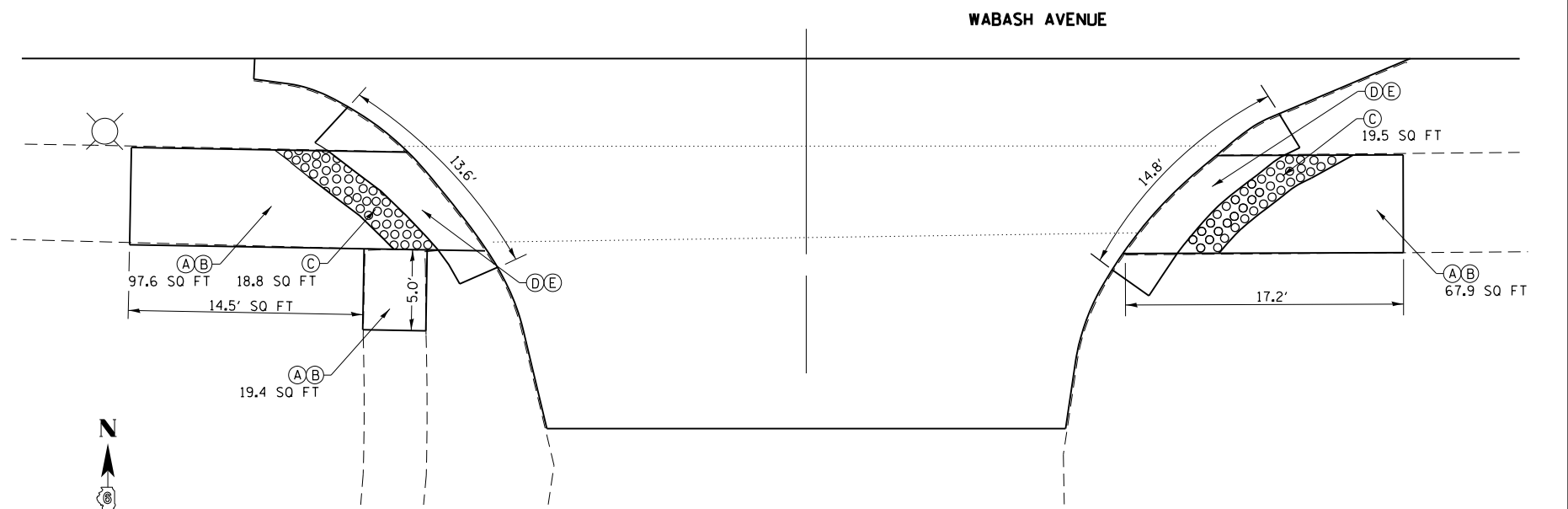


**COLONY WEST ENTRANCE  
NORTHEAST & NORTHWEST QUADRANTS**

**LEGEND**

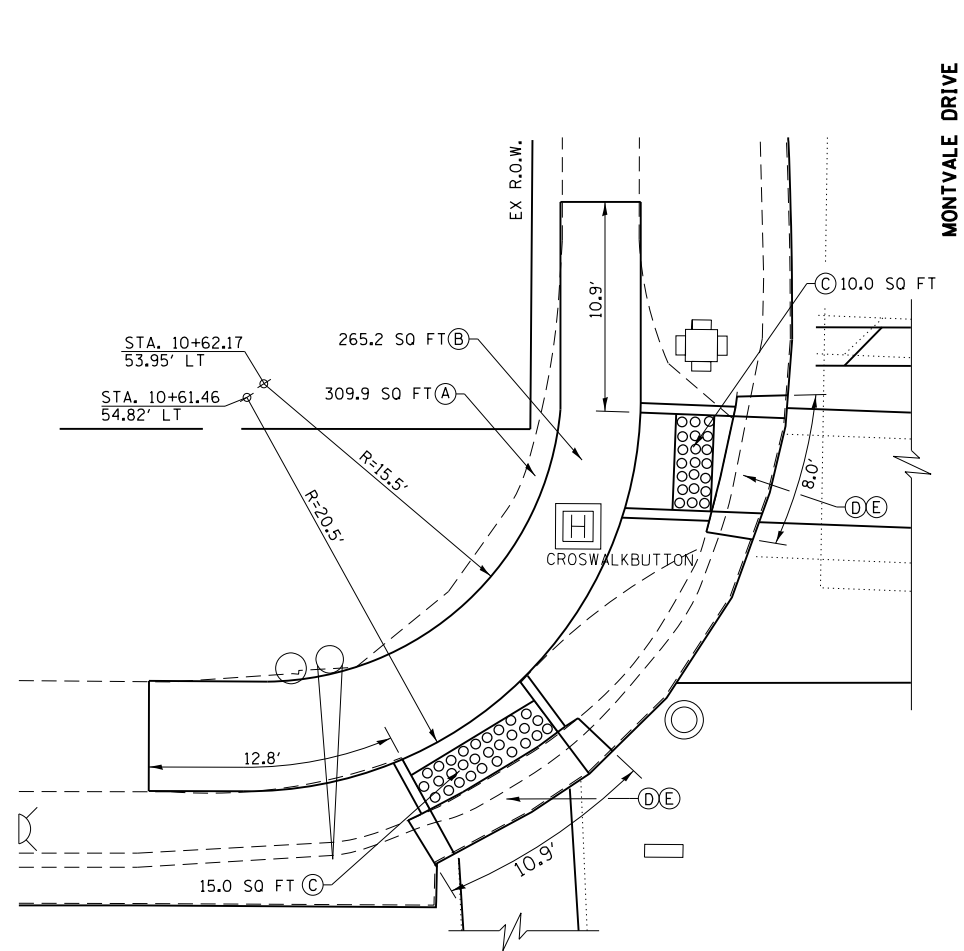
- (A) PR SIDEWALK REMOVAL (SQ FT)
- (B) PR PCC SIDEWALK 4" (SQ FT)
- (C) PR DETECTABLE WARNING (SQ FT)
- (D) PR COMBINATION C&G REMOVAL (FT)
- (E) PR COMBINATION C&G TYPE B 6.24 (DEPRESSED)

**NOTES:**  
 PROPOSED SAWCUTS ARE INCLUDED IN THE COSTS FOR PROPOSED SIDEWALK REMOVAL.  
 PROPOSED SIDEWALK DIMENSIONS AND QUANTITIES SHOWN ON THIS SHEET ARE ONLY APPROXIMATIONS. THE ENGINEER SHALL VERIFY FINAL LOCATIONS OF SIDEWALK REMOVAL AND PLACEMENT OF PCC SIDEWALK (4") AND DETECTABLE WARNINGS. THE ENGINEER SHALL INSURE THAT FINAL SIDEWALK CONSTRUCTION IS IN COMPLIANCE WITH CHAPTER 6 OF THE AMERICAN DISABILITIES ACT AND THE APPROPRIATE HIGHWAY STANDARDS.

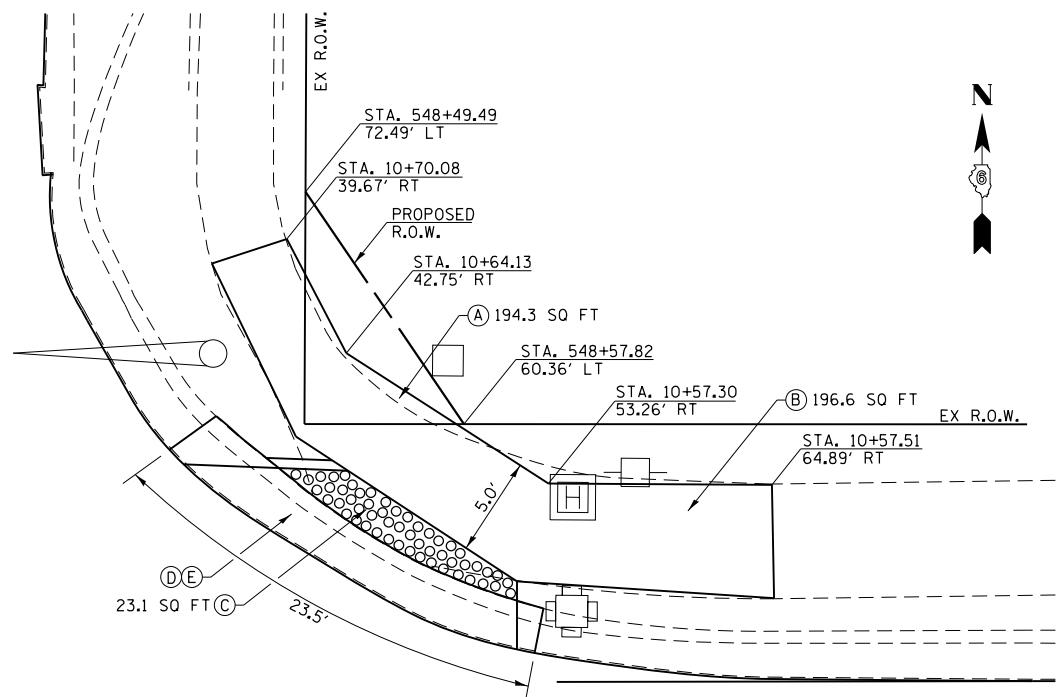


**SPRINGFIELD CLINIC (PROMPT CARE) ENTRANCE  
SOUTH SIDE OF WABASH AVENUE**

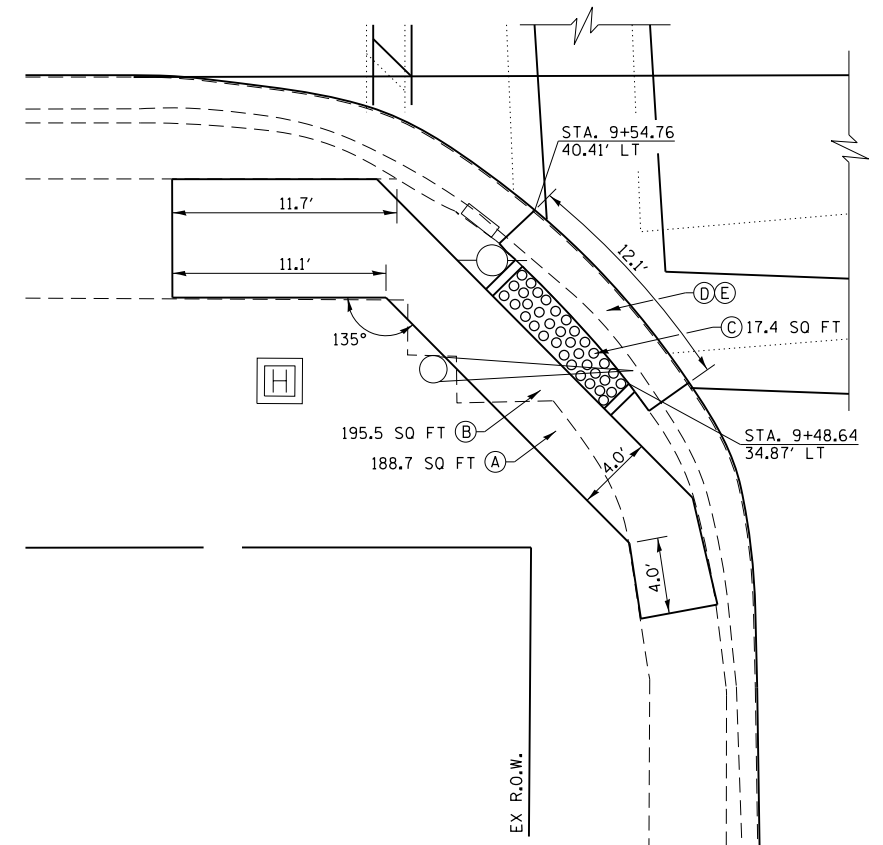
FILE NAME =	USER NAME = sparksgw	DESIGNED - RTS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED SIDEWALK AND CURB RAMP DETAILS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT DATE = Nov-08-2013 12:09:44PM	DRAWN - RTS	REVISED -					664	(G)RS-15, TS-9, (I)RS-9, TS-2	SANGAMON	126	113
		CHECKED -	REVISED -		SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.			CONTRACT NO. 72F29				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



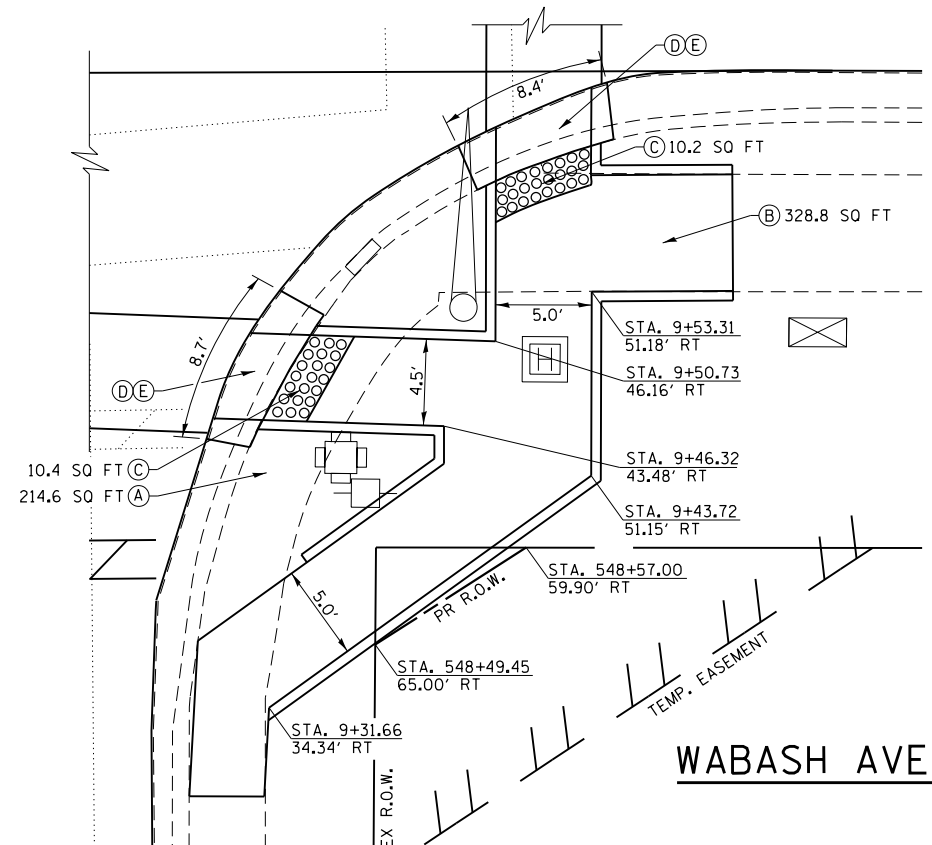
MONTVALE DRIVE



WABASH AVENUE



KIRKLEY LANE



WABASH AVENUE

WABASH AVE. & MONTVALE DR. / KIRKLEY LANE

LEGEND	
(A)	PR SIDEWALK REMOVAL (SQ FT)
(B)	PR PCC SIDEWALK 4" (SQ FT)
(C)	PR DETECTABLE WARNING (SQ FT)
(D)	PR COMBINATION C&G REMOVAL (FT)
(E)	PR COMBINATION C&G TYPE B 6.24 (DEPRESSED)

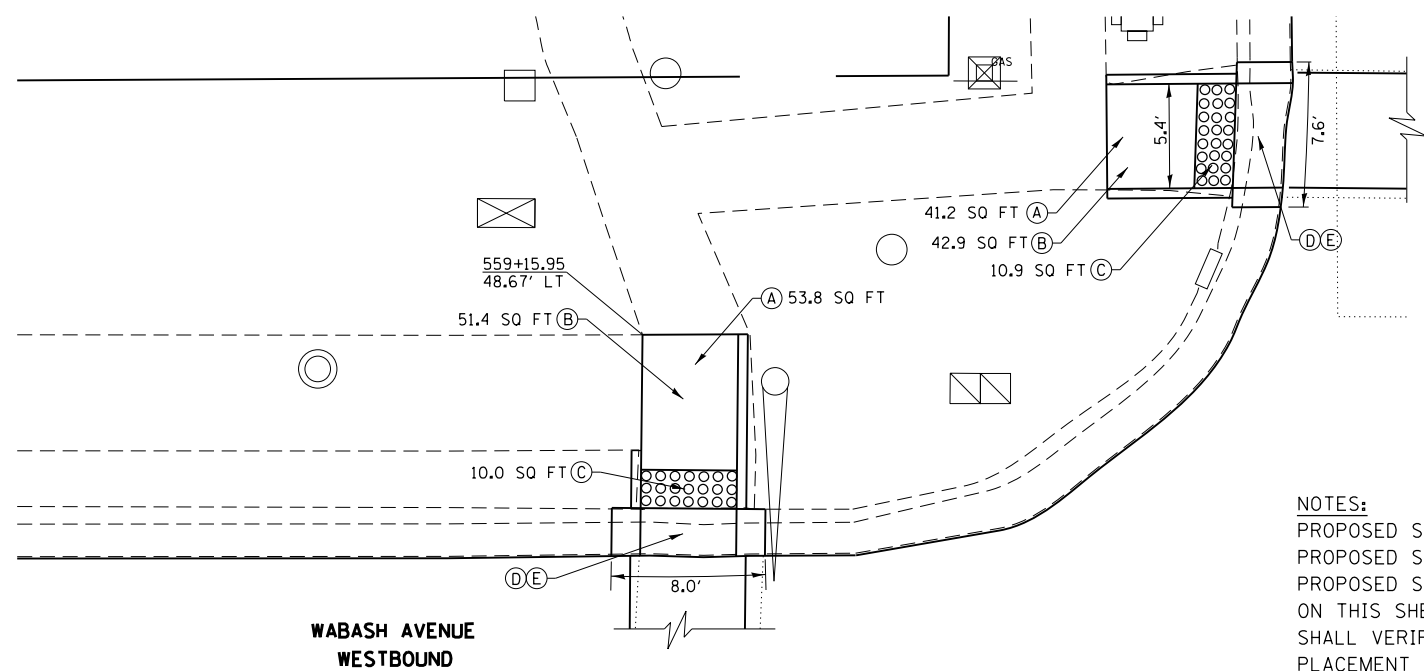
**NOTES:**  
 PROPOSED SAWCUTS ARE INCLUDED IN THE COSTS FOR PROPOSED SIDEWALK REMOVAL.  
 PROPOSED SIDEWALK DIMENSIONS AND QUANTITIES SHOWN ON THIS SHEET ARE ONLY APPROXIMATIONS. THE ENGINEER SHALL VERIFY FINAL LOCATIONS OF SIDEWALK REMOVAL AND PLACEMENT OF PCC SIDEWALK (4") AND DETECTABLE WARNINGS. THE ENGINEER SHALL INSURE THAT FINAL SIDEWALK CONSTRUCTION IS IN COMPLIANCE WITH CHAPTER 6 OF THE AMERICAN DISABILITIES ACT AND THE APPROPRIATE HIGHWAY STANDARDS.

FILE NAME =	USER NAME = sparksgw	DESIGNED - RTS	REVISED -
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	PLOT DATE = Nov-08-2013 12:09:44PM	DATE -	REVISED -

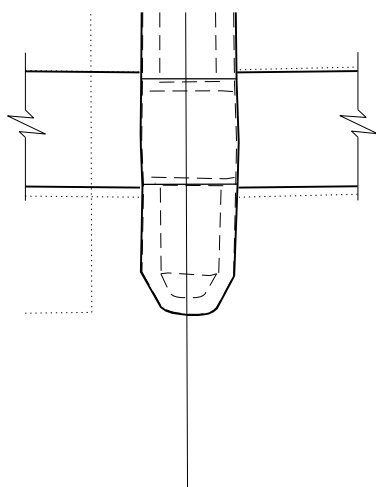
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PROPOSED SIDEWALK AND CURB RAMP DETAILS			
SCALE:	SHEET 2 OF 5 SHEETS	STA.	TO STA.

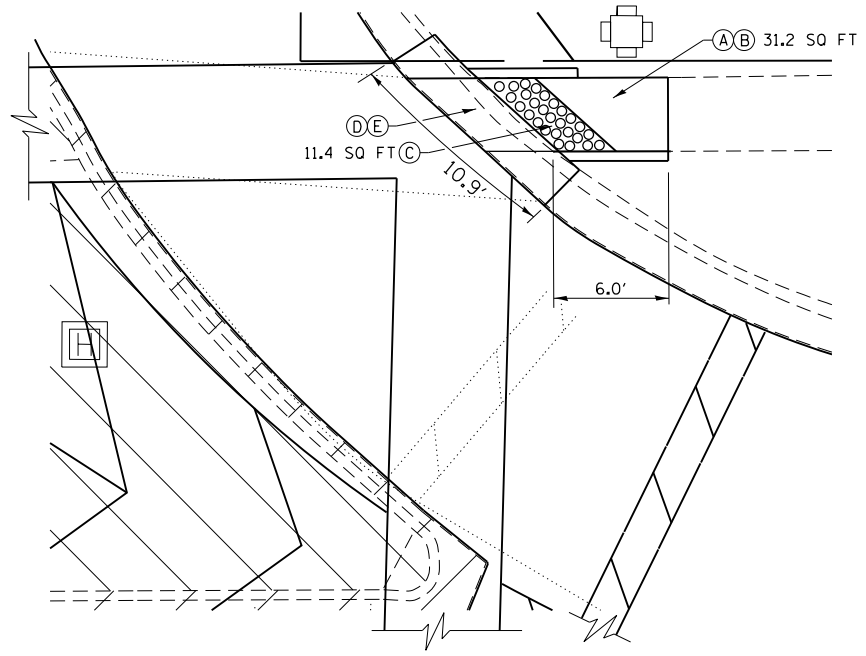
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
664	(G)RS-15, TS-9, (2)RS-9, TS-2	SANGAMON	126	114
CONTRACT NO. 72F29				
ILLINOIS FED. AID PROJECT				



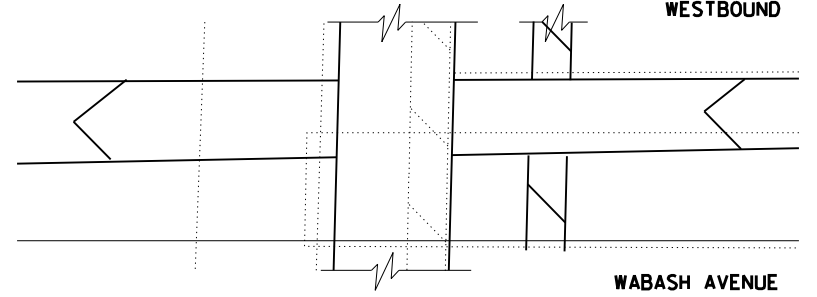
ROBINHOOD LANE  
SOUTHBOUND



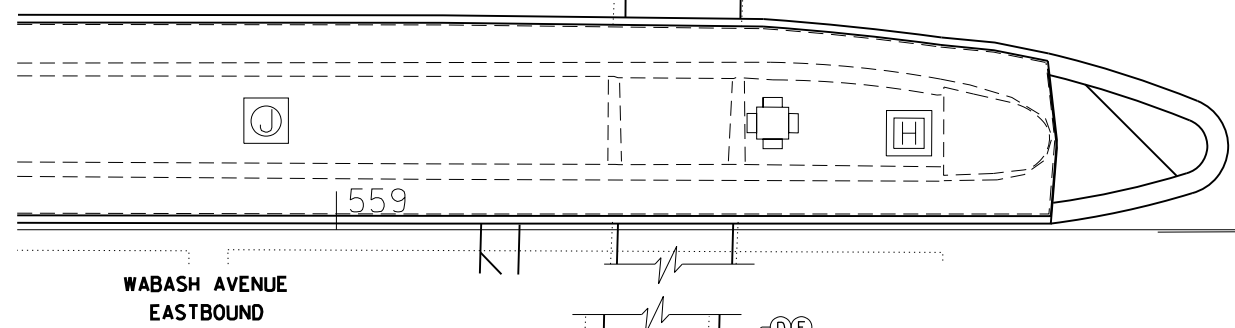
ROBINHOOD LANE  
NORTHBOUND



WABASH AVENUE  
WESTBOUND

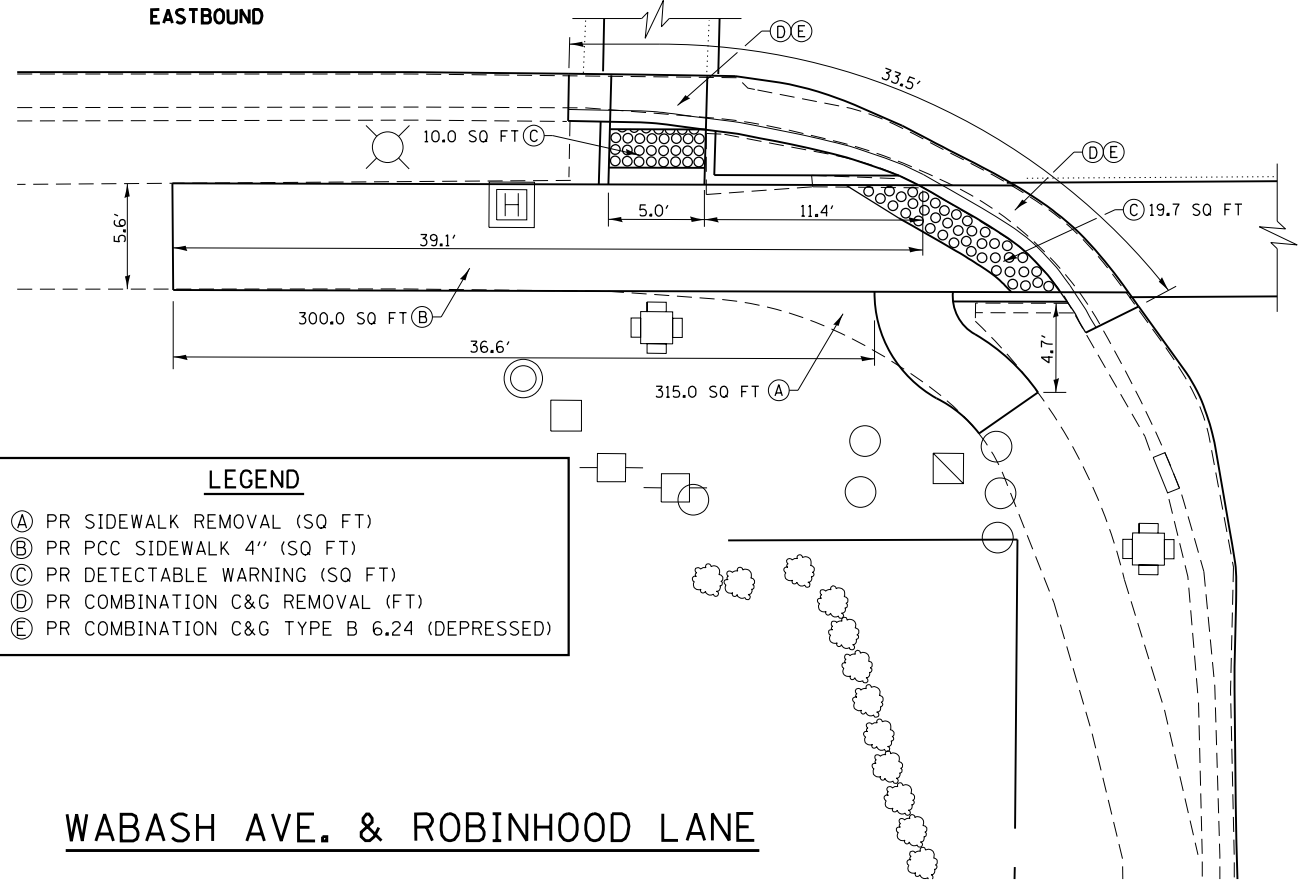
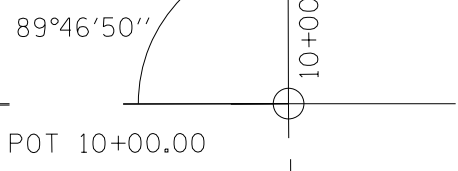


WABASH AVENUE  
EASTBOUND



WABASH AVENUE  
EASTBOUND

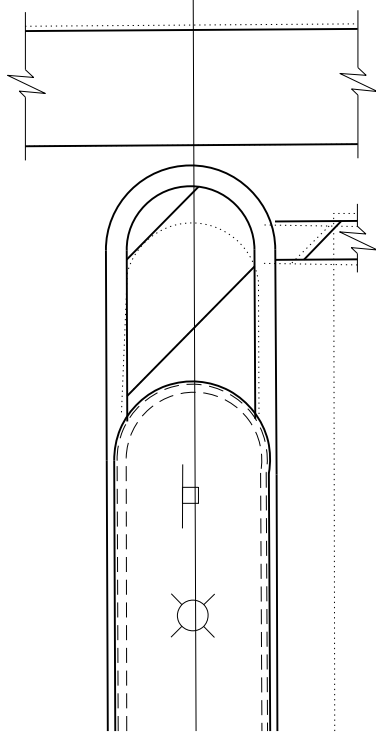
NOTES:  
PROPOSED SAWCUTS ARE INCLUDED IN THE COSTS FOR PROPOSED SIDEWALK REMOVAL.  
PROPOSED SIDEWALK DIMENSIONS AND QUANTITIES SHOWN ON THIS SHEET ARE ONLY APPROXIMATIONS. THE ENGINEER SHALL VERIFY FINAL LOCATIONS OF SIDEWALK REMOVAL AND PLACEMENT OF PCC SIDEWALK (4") AND DETECTABLE WARNINGS. THE ENGINEER SHALL INSURE THAT FINAL SIDEWALK CONSTRUCTION IS IN COMPLIANCE WITH CHAPTER 6 OF THE AMERICAN DISABILITIES ACT AND THE APPROPRIATE HIGHWAY STANDARDS.



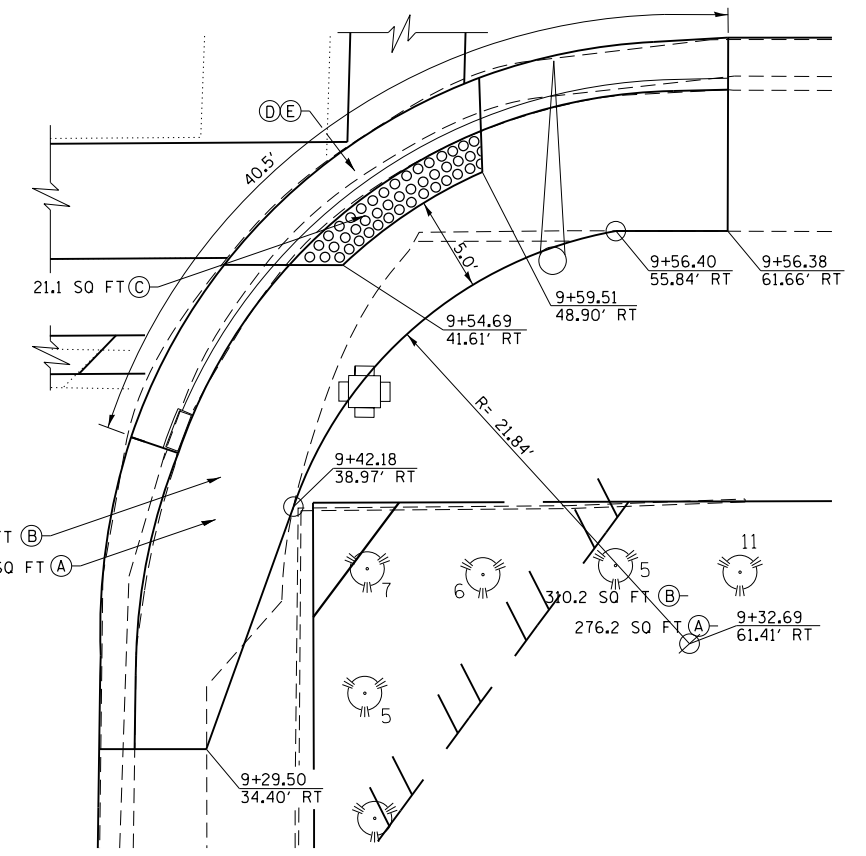
**LEGEND**

- (A) PR SIDEWALK REMOVAL (SQ FT)
- (B) PR PCC SIDEWALK 4" (SQ FT)
- (C) PR DETECTABLE WARNING (SQ FT)
- (D) PR COMBINATION C&G REMOVAL (FT)
- (E) PR COMBINATION C&G TYPE B 6.24 (DEPRESSED)

ROBINHOOD LANE  
SOUTHBOUND



ROBINHOOD LANE  
NORTHBOUND



**WABASH AVE. & ROBINHOOD LANE**

FILE NAME =	USER NAME = sparksgw	DESIGNED - RTS	REVISED -
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

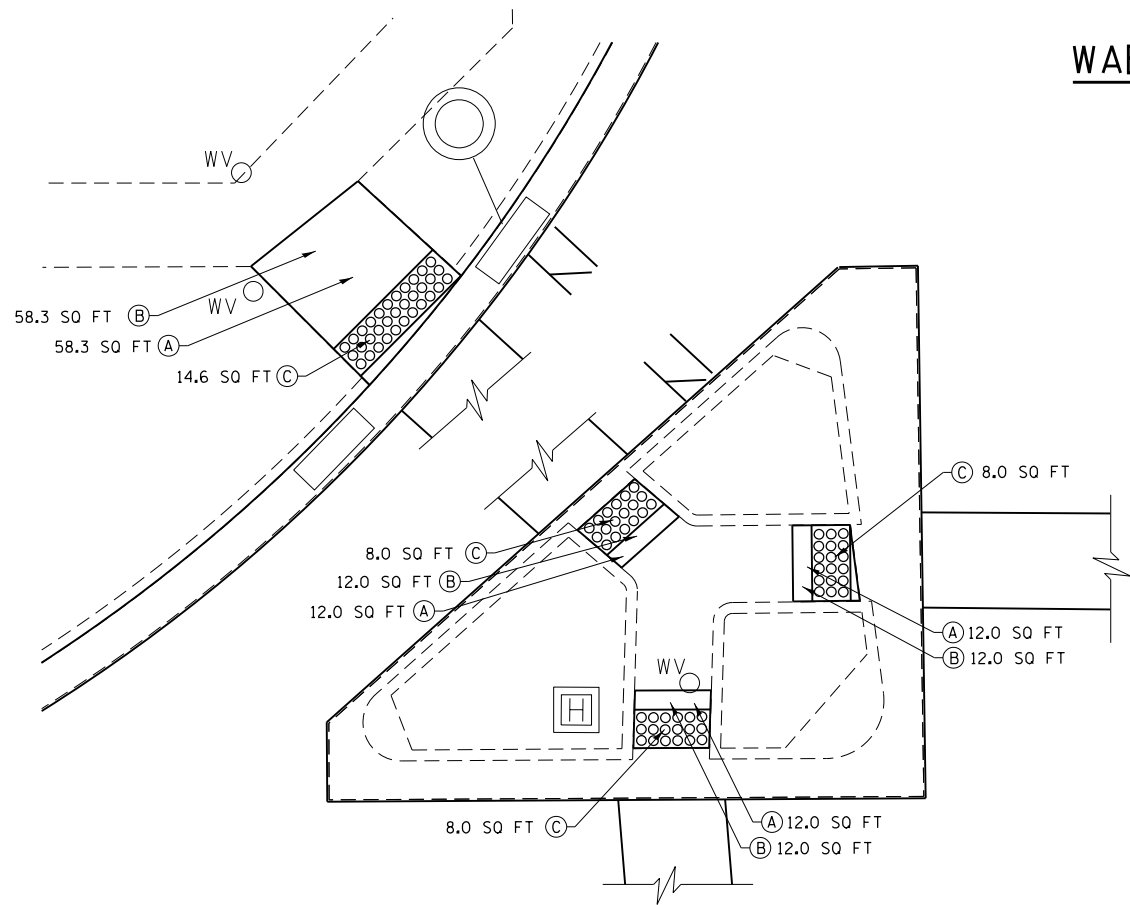
**PROPOSED SIDEWALK AND CURB RAMP DETAILS**

SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
664	(G)RS-15, TS-9, (2)RS-9, TS-2	SANGAMON	126	115
CONTRACT NO. 72F29				

ILLINOIS FED. AID PROJECT

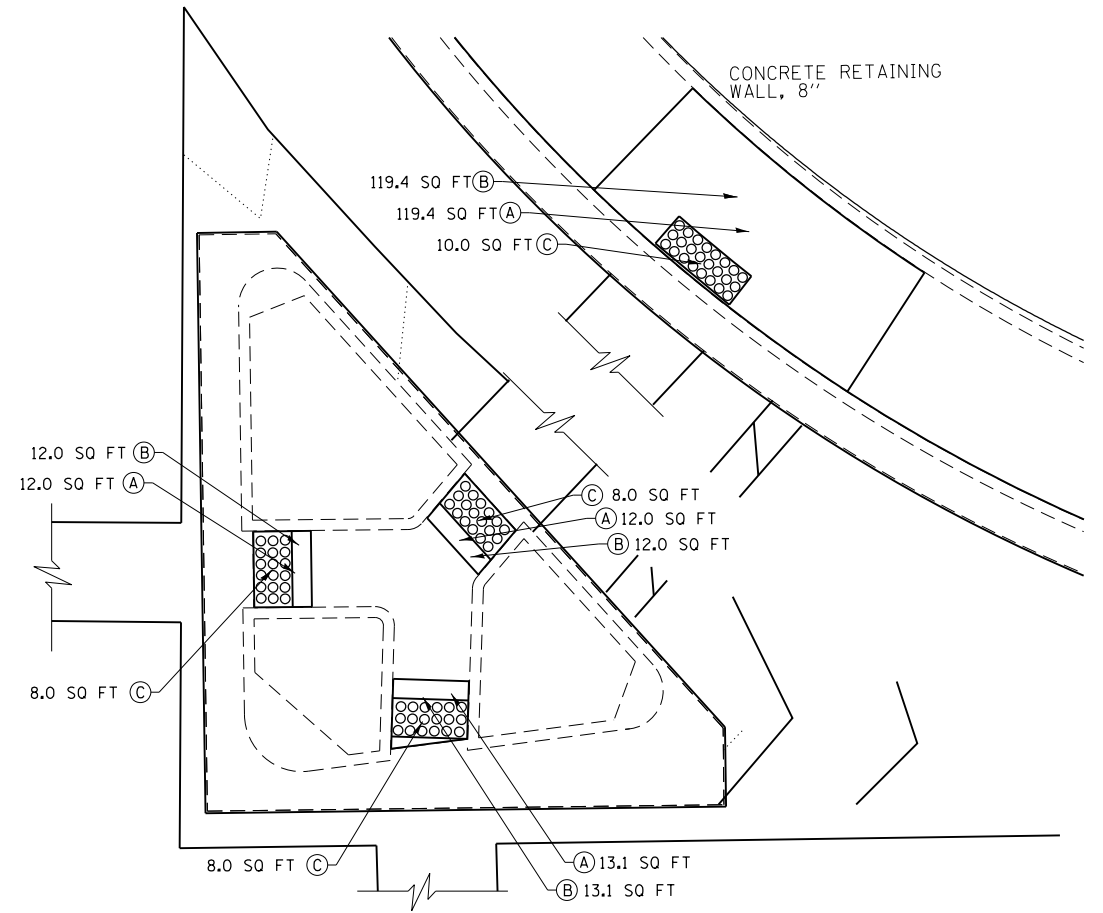
WABASH AVE. & CHATHAM RD.



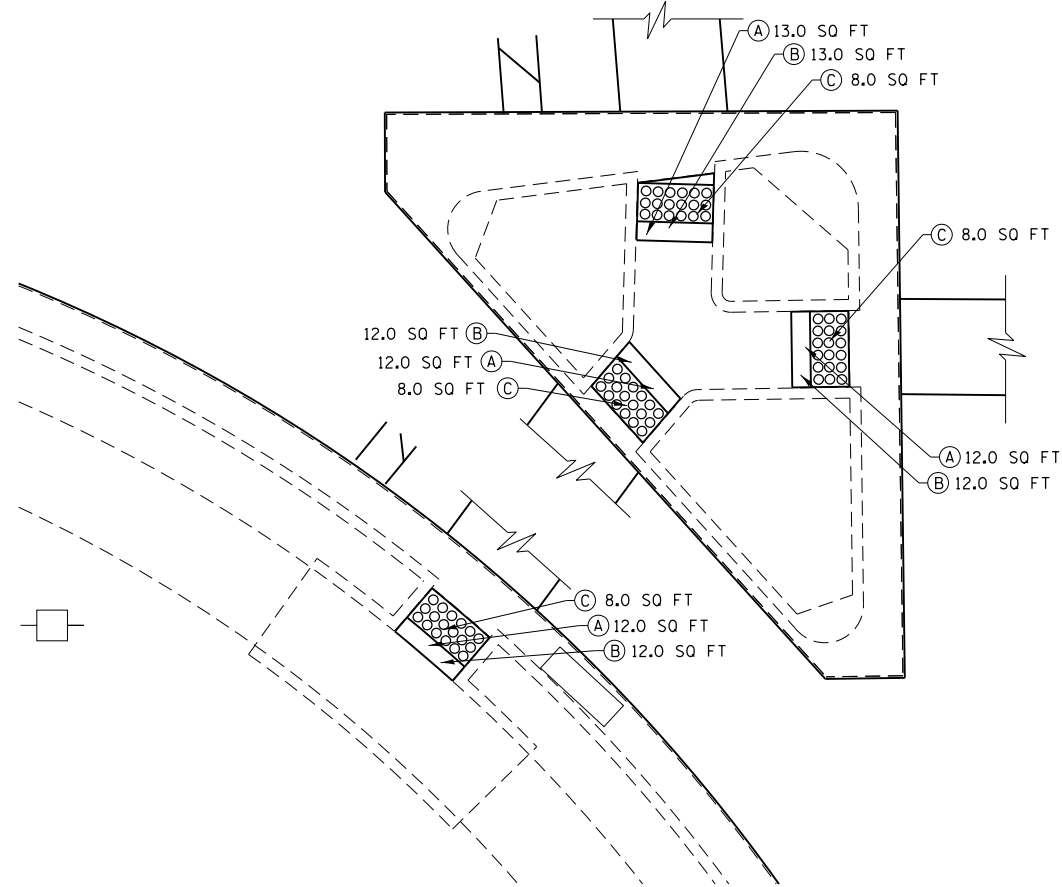
WABASH AVENUE

CHATHAM RD

223



WABASH AVENUE



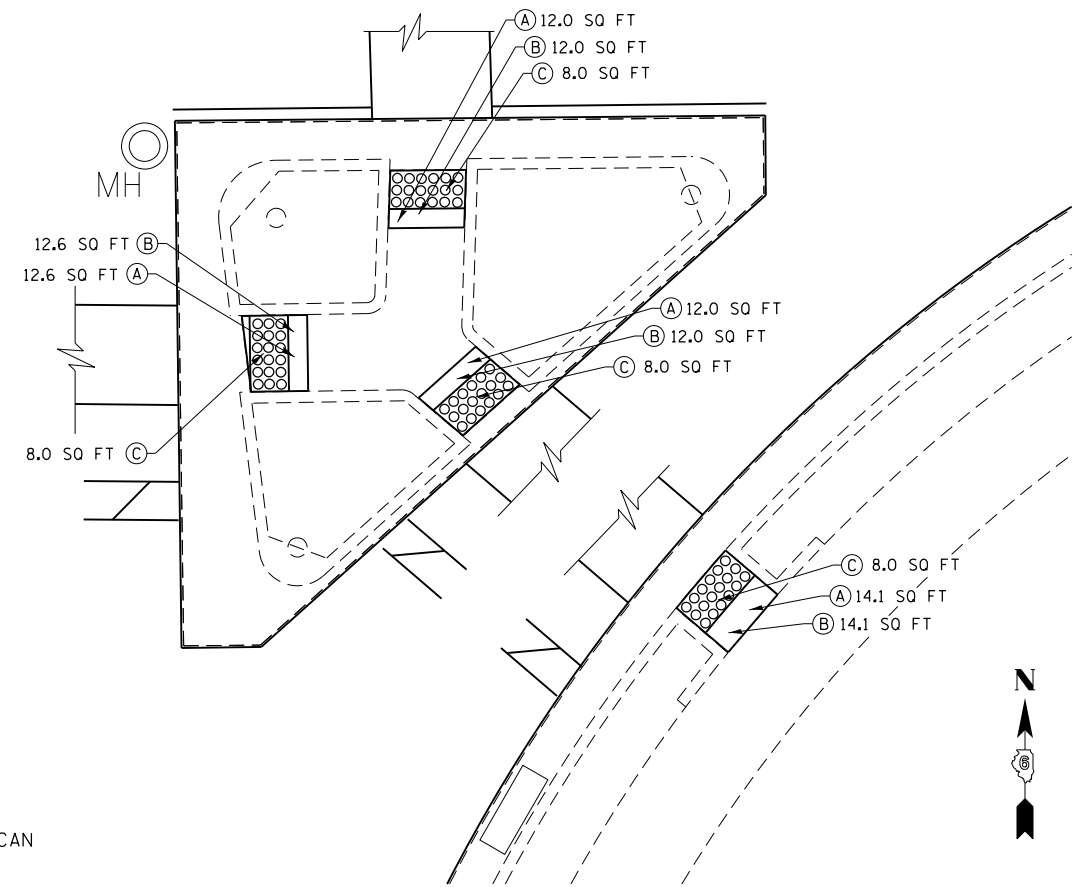
CHATHAM RD

82

**LEGEND**

- (A) PR SIDEWALK REMOVAL (SQ FT)
- (B) PR PCC SIDEWALK 4" (SQ FT)
- (C) PR DETECTABLE WARNING (SQ FT)
- (D) PR COMBINATION C&G REMOVAL (FT)
- (E) PR COMBINATION C&G TYPE B 6.24 (DEPRESSED)

**NOTES:**  
 PROPOSED SAWCUTS ARE INCLUDED IN THE COSTS FOR PROPOSED SIDEWALK REMOVAL.  
 PROPOSED SIDEWALK DIMENSIONS AND QUANTITIES SHOWN ON THIS SHEET ARE ONLY APPROXIMATIONS. THE ENGINEER SHALL VERIFY FINAL LOCATIONS OF SIDEWALK REMOVAL AND PLACEMENT OF PCC SIDEWALK (4") AND DETECTABLE WARNINGS. THE ENGINEER SHALL INSURE THAT FINAL SIDEWALK CONSTRUCTION IS IN COMPLIANCE WITH CHAPTER 6 OF THE AMERICAN DISABILITIES ACT AND THE APPROPRIATE HIGHWAY STANDARDS.



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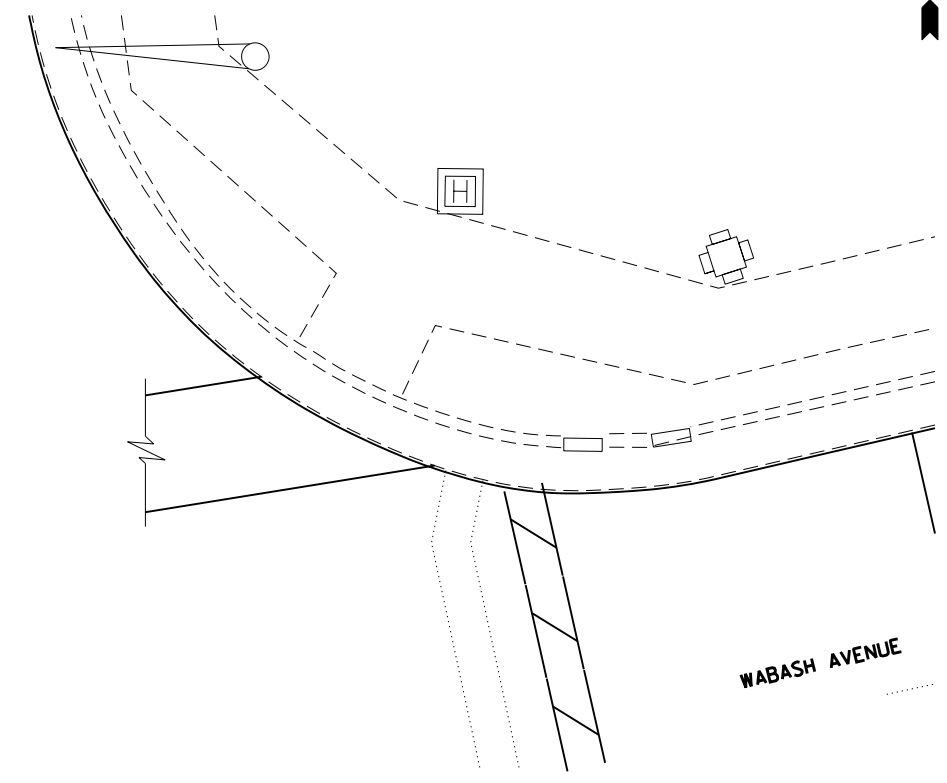
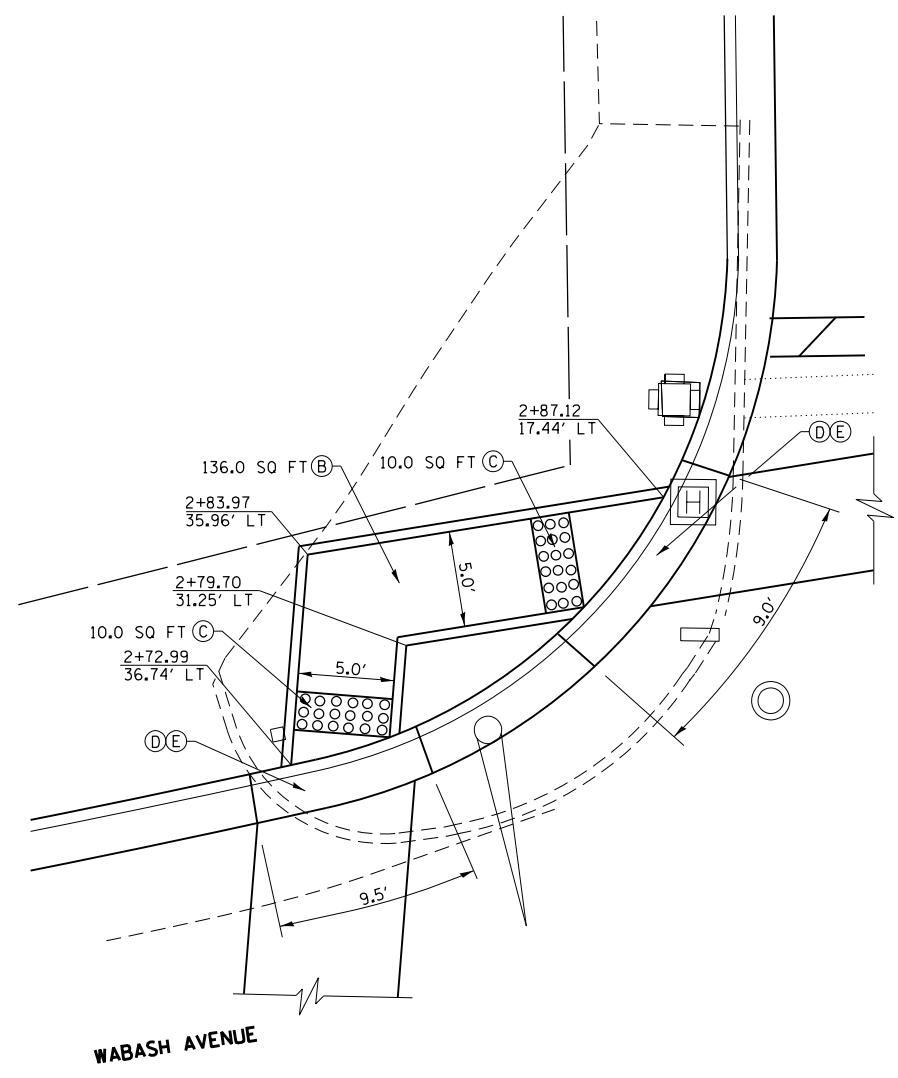
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PROPOSED SIDEWALK AND CURB RAMP DETAILS

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
664		SANGAMON	126	116
CONTRACT NO. 72F29				
ILLINOIS FED. AID PROJECT				





**WABASH AVE. & PARK ST.**

**NOTES:**  
 PROPOSED SAWCUTS ARE INCLUDED IN THE COSTS FOR PROPOSED SIDEWALK REMOVAL.  
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LEGEND	
(A)	PR SIDEWALK REMOVAL (SQ FT)
(B)	PR PCC SIDEWALK 4" (SQ FT)
(C)	PR DETECTABLE WARNING (SQ FT)
(D)	PR COMBINATION C&G REMOVAL (FT)
(E)	PR COMBINATION C&G TYPE B 6.24 (DEPRESSED)

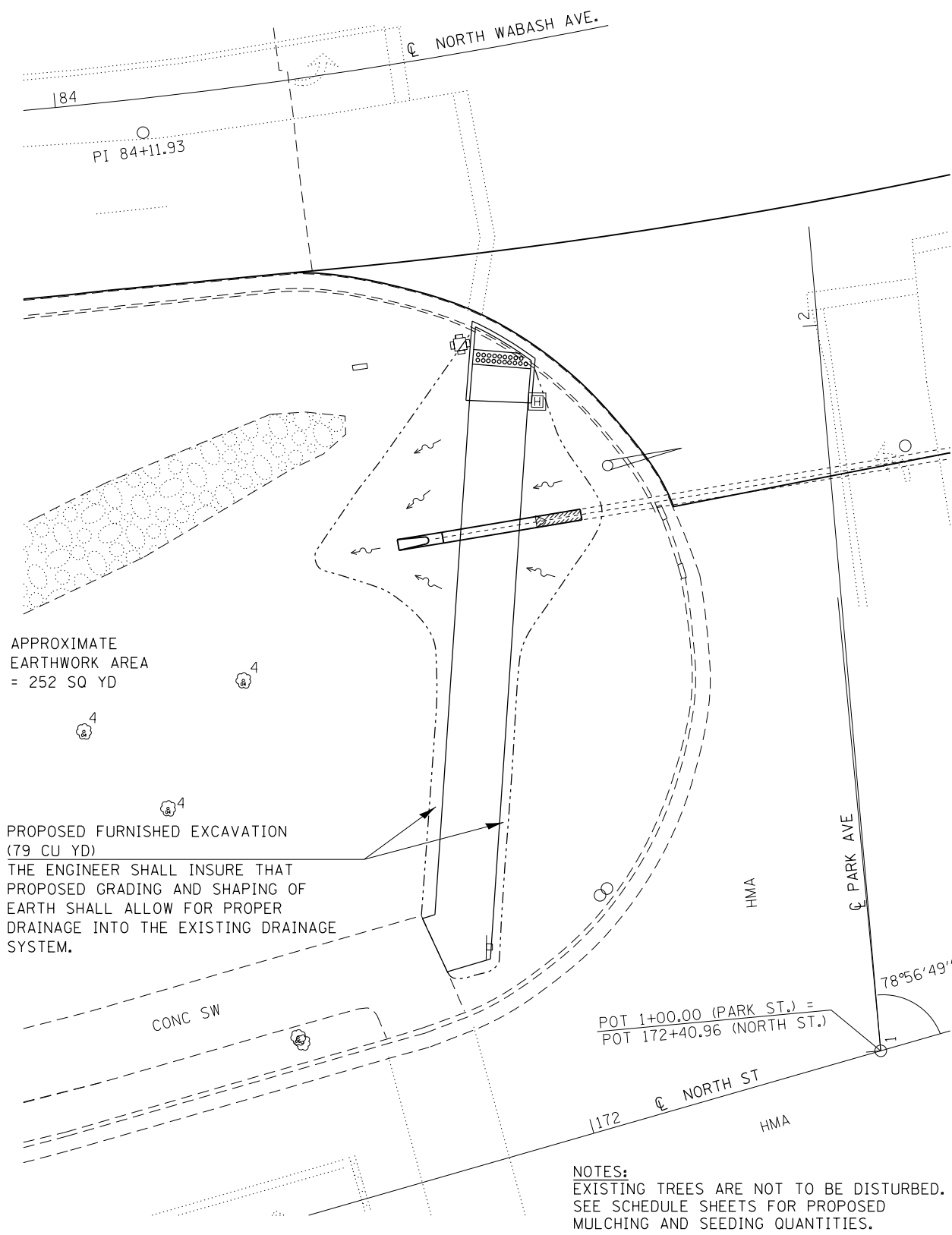
**NOTE:**  
 PROPOSED SAWCUTS ARE INCLUDED IN THE COSTS FOR PROPOSED SIDEWALK REMOVAL.

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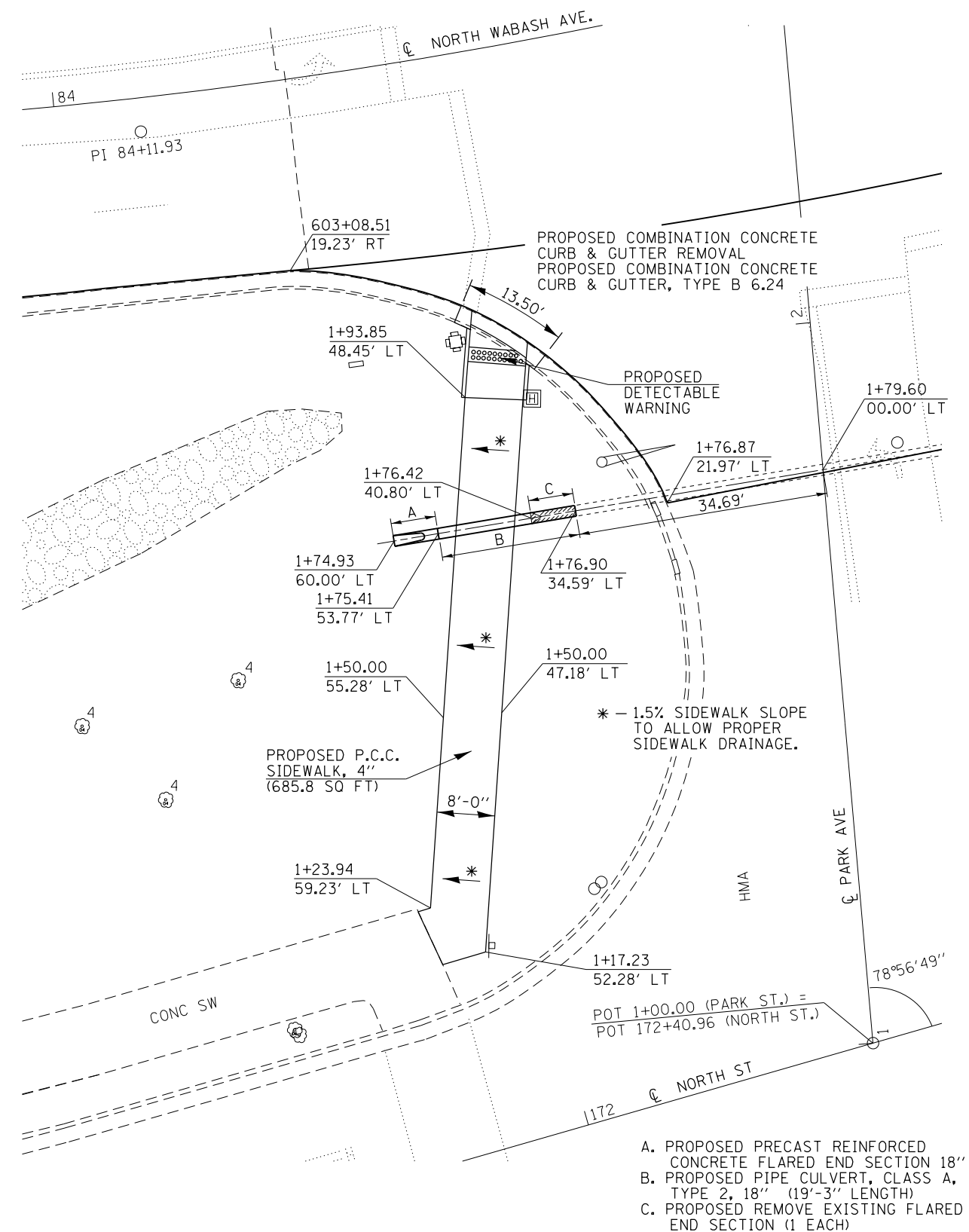
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>PROPOSED SIDEWALK AND CURB RAMP DETAILS</b>			
SCALE:	SHEET 5 OF 5 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
664	(G)RS-15, TS-9, (2)RS-9, TS-2	SANGAMON	126	117
				CONTRACT NO. 72F29
ILLINOIS FED. AID PROJECT				



**PROPOSED EARTH GRADING & SHAPING FOR DRAINAGE**



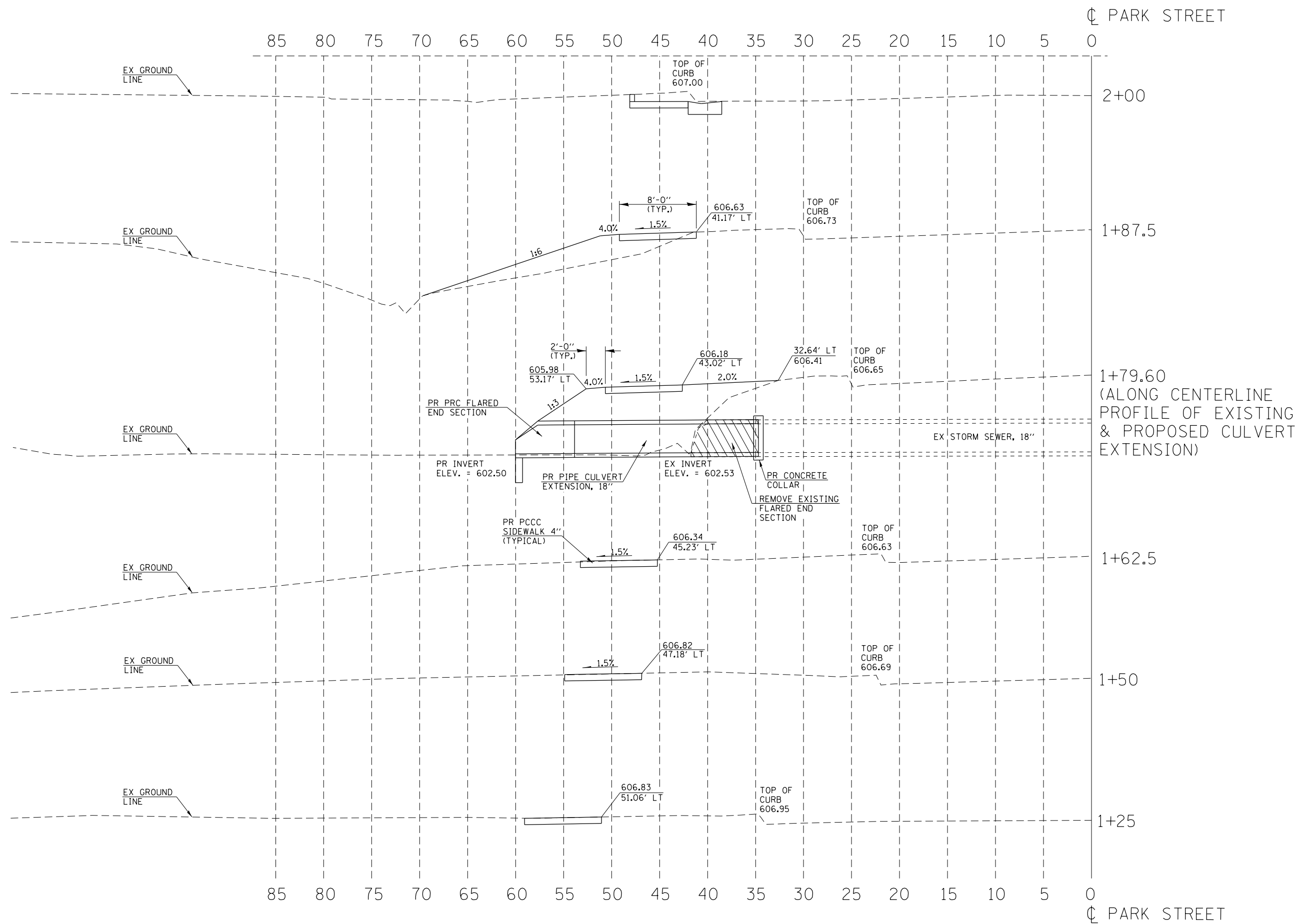
**PROPOSED SIDEWALK, CULVERT EXTENSION LAYOUT**

FILE NAME =	USER NAME = sparksgw	DESIGNED - RTS	REVISED -
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	PLOT DATE = Nov-08-2013 01:07:38PM	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SIDEWALK EXTENSION DETAILS (PARK STREET)</b>	
SCALE:	SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
664		SANGAMON	126	118
CONTRACT NO. 72F29				
ILLINOIS FED. AID PROJECT				



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





<b>SIDEWALK EXTENSION DETAILS (PARK STREET)</b>			
SCALE:	SHEET 2	OF 2 SHEETS	STA. TO STA.

F.A.P. RTE. 664	SECTION	COUNTY SANGAMON	TOTAL SHEETS 126	SHEET NO. 119
			CONTRACT NO. 72F29	
ILLINOIS FED. AID PROJECT				

**BENCHMARK**

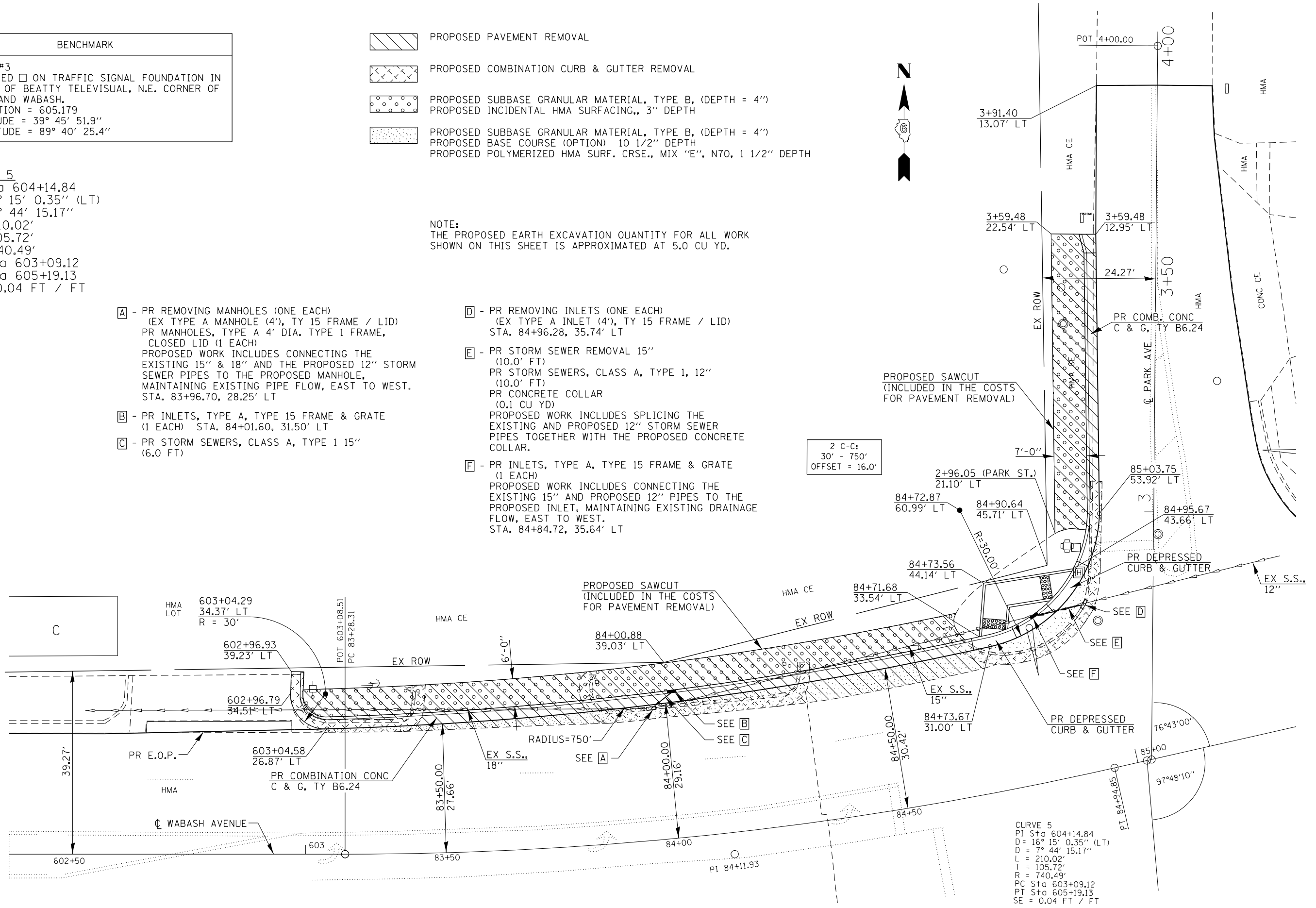
BM CB#3  
 CHISELED □ ON TRAFFIC SIGNAL FOUNDATION IN FRONT OF BEATTY TELEVISUAL, N.E. CORNER OF PARK AND WABASH.  
 ELEVATION = 605.179  
 LATITUDE = 39° 45' 51.9"  
 LONGITUDE = 89° 40' 25.4"

**CURVE 5**  
 PI Sta 604+14.84  
 D = 16° 15' 0.35" (LT)  
 D = 7° 44' 15.17"  
 L = 210.02'  
 T = 105.72'  
 R = 740.49'  
 PC Sta 603+09.12  
 PT Sta 605+19.13  
 SE = 0.04 FT / FT

-  PROPOSED PAVEMENT REMOVAL
-  PROPOSED COMBINATION CURB & GUTTER REMOVAL
-  PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B, (DEPTH = 4")  
 PROPOSED INCIDENTAL HMA SURFACING,, 3" DEPTH
-  PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B, (DEPTH = 4")  
 PROPOSED BASE COURSE (OPTION) 10 1/2" DEPTH  
 PROPOSED POLYMERIZED HMA SURF. CRSE., MIX "E", N70, 1 1/2" DEPTH

**NOTE:**  
 THE PROPOSED EARTH EXCAVATION QUANTITY FOR ALL WORK SHOWN ON THIS SHEET IS APPROXIMATED AT 5.0 CU YD.

- A** - PR REMOVING MANHOLES (ONE EACH)  
 (EX TYPE A MANHOLE (4'), TY 15 FRAME / LID)  
 PR MANHOLES, TYPE A 4' DIA. TYPE 1 FRAME, CLOSED LID (1 EACH)  
 PROPOSED WORK INCLUDES CONNECTING THE EXISTING 15" & 18" AND THE PROPOSED 12" STORM SEWER PIPES TO THE PROPOSED MANHOLE, MAINTAINING EXISTING PIPE FLOW, EAST TO WEST.  
 STA. 83+96.70, 28.25' LT
- B** - PR INLETS, TYPE A, TYPE 15 FRAME & GRATE (1 EACH) STA. 84+01.60, 31.50' LT
- C** - PR STORM SEWERS, CLASS A, TYPE 1 15" (6.0 FT)
- D** - PR REMOVING INLETS (ONE EACH)  
 (EX TYPE A INLET (4'), TY 15 FRAME / LID)  
 STA. 84+96.28, 35.74' LT
- E** - PR STORM SEWER REMOVAL 15" (10.0' FT)  
 PR STORM SEWERS, CLASS A, TYPE 1, 12" (10.0' FT)  
 PR CONCRETE COLLAR (0.1 CU YD)  
 PROPOSED WORK INCLUDES SPLICING THE EXISTING AND PROPOSED 12" STORM SEWER PIPES TOGETHER WITH THE PROPOSED CONCRETE COLLAR.
- F** - PR INLETS, TYPE A, TYPE 15 FRAME & GRATE (1 EACH)  
 PROPOSED WORK INCLUDES CONNECTING THE EXISTING 15" AND PROPOSED 12" PIPES TO THE PROPOSED INLET, MAINTAINING EXISTING DRAINAGE FLOW, EAST TO WEST.  
 STA. 84+84.72, 35.64' LT



FILE NAME =	USER NAME = sparksgw	DESIGNED - RTS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>WABASH AVE./PARK STREET INTERSECTION IMPROVEMENT DETAILS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			664	(GRS-15, TS-9, I21RS-9, TS-2)	SANGAMON	126	120	
	PLOT DATE = Nov-08-2013 12:09:46PM	DATE - 10-05-2013	REVISED -			CONTRACT NO. 72F29					
						ILLINOIS FED. AID PROJECT					









## SOIL BORING LOG

ROUTE Wabash Ave. DESCRIPTION MA SE Corner E. White Oaks Mall LOGGED BY M. Tappan

SECTION (G)RS-15,TS-9(21)RS-9,TS-2 LOCATION SPFLD. SEC. , TWP. , RNG. , PM

COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO.	Station	B	U	M	Surface Water Elev.	D	B	U	M
		(ft)	(tsf)	(%)		(ft)	(ft)	(tsf)	(%)
NA	526+81				NA				
					NA				
3 Mast Arm	526+74								
	64.0ft RT								
	597.7				579.2				
					577.7				
					589.2				

Soil Description	Depth (ft)	B	U	M	Soil Description	Depth (ft)	B	U	M
Gray and Brown Moist SILTY CLAY	0-1				Gray and Brown Moist CLAY LOAM (Till) (continued)	0-3			
	1-3	2.2	17		Dark Gray	3-9	8.7	13	
	3-4	S-12				9-15	B		
Light Gray and Tan Moist SILT LOAM	594.20-592.20				Dark Gray Moist CLAY LOAM (Till)	572.70-570.70			
	592.20-589.70				Boring Completed				
Tan and Light Gray Moist SILT	589.70-587.20								
	587.20-584.70								
Tan and Gray Very Moist SILTY CLAY LOAM	584.70-581.70								
	581.70-578.20								
Brown and Gray Moist SILTY CLAY	578.20-574.70								
	574.70-571.20								
Gray and Brown Moist SILTY CLAY (Till)	571.20-567.70								
	567.70-564.20								
Gray and Brown Moist CLAY LOAM (Till)	564.20-560.70								
	560.70-557.20								
Brown and Gray Moist CLAY LOAM (Till)	557.20-553.70								
	553.70-550.20								

File Name: S:\SOILS\GINT\FILES\SANGAMON\WABASH AVE MASTARMS\WABASH AVE MASTARMS.GPJ Data Template DTEMP.LT.GDT Date Printed 10/10/13  
Latitude 39.456291 Longitude 89.421027 Datum NAD83 Job Number D39-044-12

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated) Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)



## SOIL BORING LOG

ROUTE Wabash Ave. DESCRIPTION Mast Arm Wabash and Drawbridge Rd. LOGGED BY M. Tappan

SECTION (G)RS-15, (21)RS-9, TS-2 LOCATION SPFLD. SEC. , TWP. , RNG. , PM

COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO.	Station	B	U	M	Surface Water Elev.	D	B	U	M
		(ft)	(tsf)	(%)		(ft)	(ft)	(tsf)	(%)
526+47	528+50				NA				
	59.0ft Lt				NA				
	597.4								

Soil Description	Depth (ft)	B	U	M	Soil Description	Depth (ft)	B	U	M
Gray Moist SILTY CLAY LOAM (Disturbed)	0-1				Light reddish Brown Moist CLAY LOAM (Till) (continued)	0-5			
	1-2	.80	28		Gray Dry CLAY LOAM (Till) Sample Broken	5-23	7.0	9	
	2-3	S-13				23-19	E		
Grayish Brown Moist SILTY CLAY	594.40-591.40				Gray Moist CLAY LOAM (Till)	572.40-569.40			
	591.40-589.40				Boring Completed				
Brown and Gray Moist SILTY CLAY (Till)	589.40-587.40				Station and Elevation Provided by Dist. 6 Surveys				
	587.40-585.40								
	585.40-583.40								
Gray and Brown Moist SILTY CLAY (Till)	583.40-581.40								
	581.40-579.40								
Light reddish Brown Moist CLAY LOAM (Till)	579.40-577.40								
	577.40-575.40								
Brown and Gray Dry CLAY LOAM (Till) Sample Broken	575.40-573.40								
	573.40-571.40								
Sample Broken	571.40-569.40								

File Name: S:\SOILS\GINT\FILES\SANGAMON\WABASH AVE MASTARMS\WABASH AVE MASTARMS.GPJ Data Template DTEMP.LT.GDT Date Printed 10/25/13  
Latitude 39.458651 Longitude 89.420777 Datum NAD83 Job Number

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated) Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>BORINGS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default		DRAWN -	REVISED -			664	.	SANGAMON	126	124
		CHECKED -	REVISED -			CONTRACT NO. 72F29		ILLINOIS FED. AID PROJECT		
		DATE -	REVISED -			SCALE:	SHEET 2 OF 4 SHEETS	STA.	TO STA.	





# SOIL BORING LOG

Date 9/25/13

ROUTE Wabash Ave. DESCRIPTION MA SE Corner Montvale Dr LOGGED BY M. Tappan

SECTION(G)RS-15,TS-9(21)RS-9,TS-2LOCATION SPFLD. SEC. , TWP. , RNG. , PM

COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. NA	D	B	U	M	Surface Water Elev. NA ft	D	B	U	M
Station 548+64	E	L	C	O	Stream Bed Elev. NA ft	E	L	C	O
BORING NO. 5 Mast Arm	P	O	S	I	Groundwater Elev.:	P	O	S	I
Station 548+66	H	S	Qu	T	First Encounter ft	H	S	Qu	T
Offset 38.0ft RT					Upon Completion Dry ft				
Ground Surface Elev. 595.7 ft	(ft)	/6"	(tsf)	(%)	After 24 Hrs. 585.7 ft	(ft)	/6"	(tsf)	(%)

Brown and Gray Moist SILTY CLAY (Disturbed)	1				Brown and Gray Very Moist CLAY LOAM (Till) (continued)				
	4	2.7	13		Gray Moist CLAY LOAM (Till)	4			
	6	S-13				11	4.7	13	
Light Brown	1					12	B		
	3	1.4	20			3			
	3	B				5	4.7	17	
	-5				Boring Completed	10	B		
Brown and Gray Moist SILTY CLAY	1								
	2	1.5	22						
	2	B							
	587.20								
Brown and Gray Moist SILTY CLAY (Till)	1								
	1	1.8	13						
	3	B							
	-10								
	585.20								
Brown and Gray Very Moist CLAY LOAM (Till)	1								
	1	.80	20						
	2	B							
Gray and Brown Moist CLAY LOAM (Till)	2								
	7	S-14	12						
	19	S-14							
	-15								
Brown and Gray Moist CLAY LOAM (Till) with Reddish Brown Oxidation Seams Sample Broken	6								
	27	10+	10						
	52	E							
	11								
	25	10+	12						
	45	E							
	-20								

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated) Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

File Name: S:\SOILS\GINT FILES\SANGAMON\WABASH AVE. MASTARMS.GPJ Data Template D:\TEMP\LT.GDT Date Printed: 10/10/13  
Latitude: 39.45.842N Longitude: 89.41.635W Datum: NAD83 Job Number: D-98-044-12



# SOIL BORING LOG

Date 9/28/13

ROUTE Wabash Ave. DESCRIPTION MA NW Corner Park Ave LOGGED BY M. Tappan

SECTION(G)RS-15,TS-9(21)RS-9,TS-2LOCATION SPFLD. SEC. , TWP. , RNG. , PM

COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. NA	D	B	U	M	Surface Water Elev. NA ft	D	B	U	M
Station 84+80	E	L	C	O	Stream Bed Elev. NA ft	E	L	C	O
BORING NO. 6 Mast Arm	P	O	S	I	Groundwater Elev.:	P	O	S	I
Station 84+79	H	S	Qu	T	First Encounter 593.3 ft	H	S	Qu	T
Offset 50.0ft LT					Upon Completion 584.3 ft				
Ground Surface Elev. 604.3 ft	(ft)	/6"	(tsf)	(%)	After 6 Days Hrs. 596.8 ft	(ft)	/6"	(tsf)	(%)

Black Moist SILTY CLAY (Disturbed)	1				Gray and Olive Brown Moist SILTY CLAY (Till) (continued)				
	2	1.0	26		Tan and Gray Dry Micaceous Fissile Silty SHALE	9			
	2	B				100		10	
						6"			
Brown and Gray Moist SILTY CLAY	0				Gray Dry	8			
	2	1.0	30			100		9	
	3	B				6"			
	-5				Boring Completed				
	598.80								
Tan and Light Gray Very Moist SILT	0								
	2	.40	28						
	2	B							
Light Blue Gray Very Moist SILT	0								
	2	.70	27						
	2	B							
	-10								
	593.30								
Gray Very Moist SILTY CLAY	0								
	0	.60	30						
	1	B							
Light Brown and Gray Very Moist SILTY CLAY	0								
	1	1.4	27						
	2	B							
	-15								
	588.30								
Gray and Olive Brown Moist SILTY CLAY (Till)	0								
	2	1.4	29						
	3	B							
Brown and Gray Moist SILTY CLAY (Till)	0								
	1	1.4	27						
	3	B							
	-20								

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated) Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

File Name: S:\SOILS\GINT FILES\SANGAMON\WABASH AVE. MASTARMS.GPJ Data Template D:\TEMP\LT.GDT Date Printed: 10/10/13  
Latitude: 39.45.822N Longitude: 89.40.442W Datum: NAD83 Job Number: D-98-044-12

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>BORINGS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLT DATE = Nov-08-2013 12:10:24PM	DRAWN -	REVISED -			664	.	SANGAMON	126	125	
		CHECKED -	REVISED -			SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT			
		DATE -	REVISED -			CONTRACT NO. 72F29					



# SOIL BORING LOG

Date 9/19/12

ROUTE Wabash Ave. DESCRIPTION Mast Arm Wabash and Drawbridge Rd. LOGGED BY M. Tappan  
 SECTION (G)RS-15, TS-9,(21)RS-9, TS-2 LOCATION SPFLD, SEC., TWP., RNG., PM  
 COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO.	STATION	DEPTH (ft)	BLOW COUNT (/6")	UNCONSOLIDATED QUANTITY (tsf)	MOISTURE (%)	DESCRIPTION	SURFACE WATER ELEV. (ft)	STREAM BED ELEV. (ft)	GROUNDWATER ELEV. (ft)	DEPTH (ft)	BLOW COUNT (/6")	UNCONSOLIDATED QUANTITY (tsf)	MOISTURE (%)
	528+47					Gray Moist SILTY CLAY LOAM (Disturbed)	NA	NA					
		1								5			
		2	.80	28						23	7.0	9	
		3	S-13							19	E		
		594.40				Grayish Brown Moist SILTY CLAY							
		0								1			
		2	.60	32						7	6.4	13	
		-5	2	B						13	B		
		591.40				Brown and Gray Moist SILTY CLAY (Till)							
		0											
		3	1.10	26									
		3	B										
		0											
		2	.90	23									
		-10	3	B						-30			
		583.90				Gray and Brown Moist SILTY CLAY (Till)							
		0											
		2	.60	27									
		2	B										
		583.90				Light reddish Brown Moist CLAY LOAM (Till)							
		3											
		6	5.6	17									
		-15	16	B						-35			
		572.40				Boring Completed							
		0											
		26	10.0+	10									
		44	E										
		4											
		12	7.0	9									
		-20	32	E						-40			

File Name: S:\SOILS\GINT FILES\SANGAMON\WABASH AVE MAST ARM.GPJ Data Template DDTMPLT.GDT Date Printed 10/25/13  
 Latitude 39.45855N Longitude 89.42077W Datum NAD83 Job Number

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)  
 Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating  
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>BORINGS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	Plot Scale = 0.3600' / in.	CHECKED -	REVISED -			664	.	SANGAMON	126	126	
	Plot Date = Nov-08-2013 12:10:41PM	DATE -	REVISED -			CONTRACT NO. 72F29		ILLINOIS FED. AID PROJECT			
						SCALE:	SHEET 4 OF 4 SHEETS	STA.	TO STA.		