

**TRAFFIC SIGNALS LEGEND**

- |                                       |                                      |                               |
|---------------------------------------|--------------------------------------|-------------------------------|
| EX. TRAFFIC SIGNAL CONTROLLER CABINET | PROP. 3 SEC. SIGNAL HEAD W/BACKPLATE | PROP. 5/C NO. 14 SIGNAL CABLE |
| EX. ELECTRIC SERVICE                  | EX. PEDESTRIAN SIGNAL HEAD           | PROP. 7/C NO. 14 SIGNAL CABLE |
| PROP. GROUND/SAFETY BOND              | PROP. PEDESTRIAN SIGNAL HEAD         | EX. 1/C NO. 6 CABLE           |
| EX. GROUND/SAFETY BOND                |                                      |                               |
| EX. HPS LUMINIARE                     |                                      |                               |

NOT TO SCALE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED CABLE & PHASE DIAGRAMS  
IL 8/IL 116 (MACARTHUR HWY.) & SW ADAMS ST. - PEORIA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 MASS ARM REPLACEMENT 2021	PEORIA	40	27
CONTRACT NO. 68G54				

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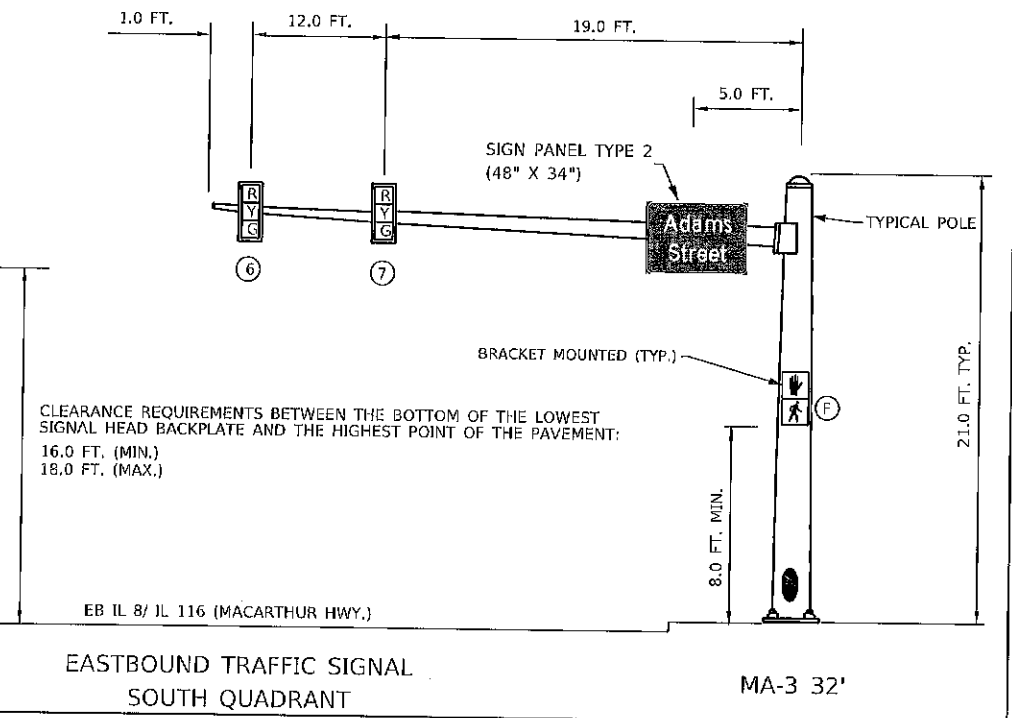
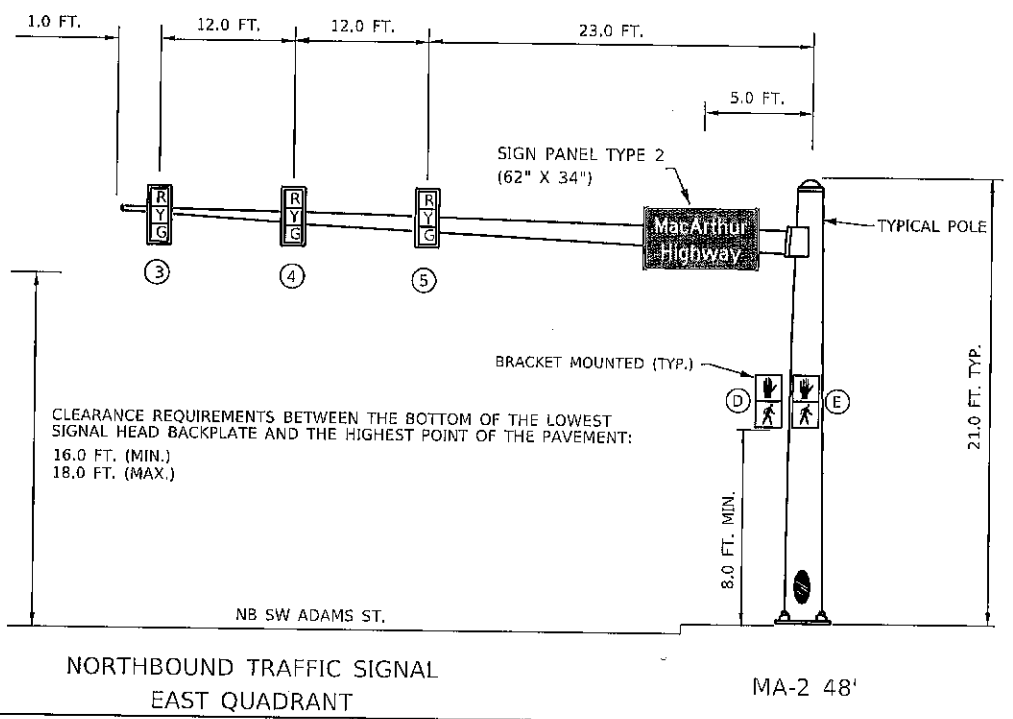
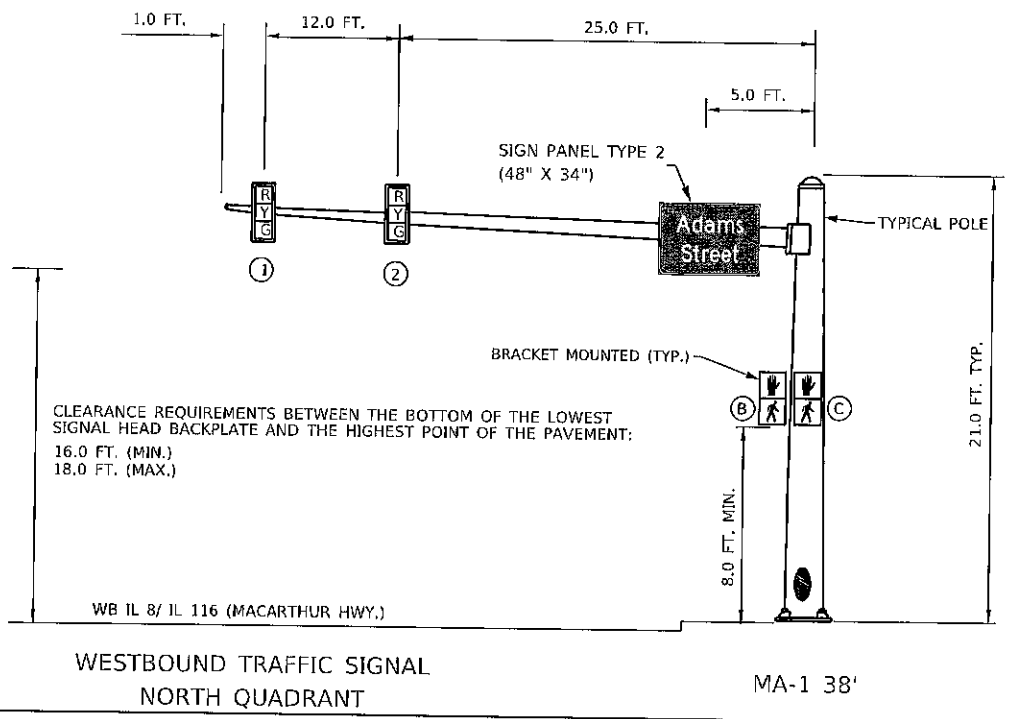
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PLOT SCALE = 23.8272' / in.
PLOT DATE = 3/19/2021

DESIGNED -	REVISD -
DRAWN -	REVISD -
CHECKED -	REVISD -
DATE -	REVISD -

DESIGNED -	REVISD -
DRAWN -	REVISD -
CHECKED -	REVISD -
DATE -	REVISD -

SCALE: SHEET OF SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT



- NOTES:
1. THE CONTRACTOR SHALL RELOCATE ALL OTHER EXISTING SIGNS FROM THE REMOVED MAST ARMS AND TRAFFIC SIGNAL POSTS TO THE PROPOSED MAST ARMS AND TRAFFIC SIGNAL POSTS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED MAST ARMS AND TRAFFIC SIGNAL POSTS.
  2. ALL PROPOSED SIGNS SHALL INCLUDE THE BLOCK NUMBERING AT THE BOTTOM OF THE SIGN.

NOT TO SCALE

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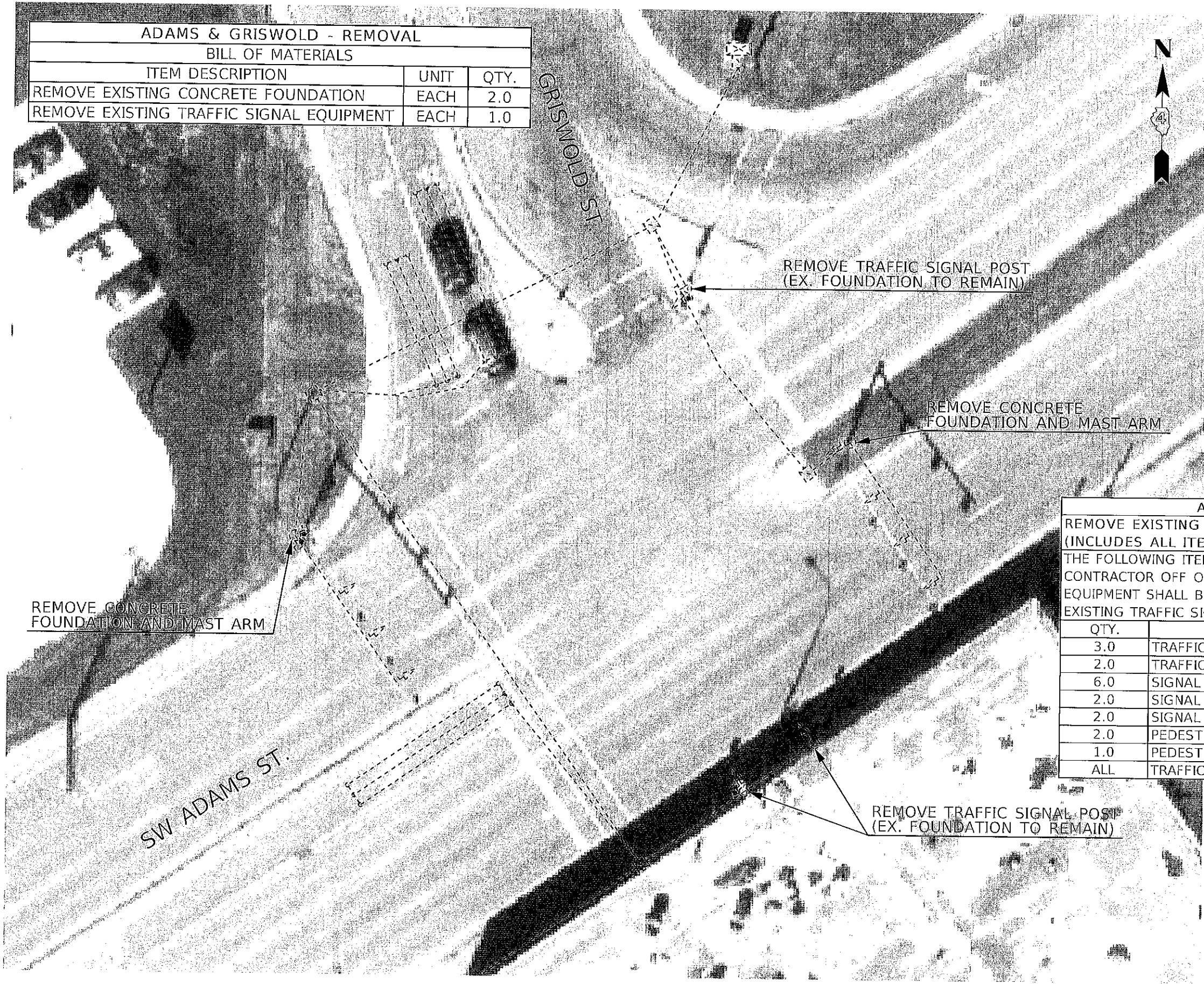
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	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED MAST ARM DETAILS  
 IL 8/IL 116 (MACARTHUR HWY.) & SW ADAMS ST. - PEORIA  
 SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D3 MAST ARM REPLACEMENT 2021	PEORIA	40	28
CONTRACT NO. 68G54			ILLINOIS FED. AID PROJECT	

ADAMS & GRISWOLD - REMOVAL		
BILL OF MATERIALS		
ITEM DESCRIPTION	UNIT	QTY.
REMOVE EXISTING CONCRETE FOUNDATION	EACH	2.0
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1.0



NOTES:  
 1. THE EXISTING LOOP LEAD-IN CABLES SHALL REMAIN INTACT AND OPERATIONAL FOR THE PROPOSED DESIGN.

ADAMS & GRISWOLD - REMOVAL	
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT - QTY. 1 EACH (INCLUDES ALL ITEMS LISTED BELOW)	
THE FOLLOWING ITEMS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF OF THE RIGHT-OF-WAY. THE SALVAGE VALUE OF THIS EQUIPMENT SHALL BE REFLECTED IN THE UNIT BID PRICE FOR "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT."	
QTY.	DESCRIPTION
3.0	TRAFFIC SIGNAL POST
2.0	TRAFFIC SIGNAL MAST ARM
6.0	SIGNAL HEAD, 1-FACE, 3-SECTION, MAST ARM MOUNTED
2.0	SIGNAL HEAD, 1-FACE, 3-SECTION, BRACKET MOUNTED
2.0	SIGNAL HEAD, 1-FACE, 4-SECTION, BRACKET MOUNTED
2.0	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED
1.0	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED
ALL	TRAFFIC SIGNAL CABLING NOT USED IN PROP. INSTALLATION

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NOT TO SCALE

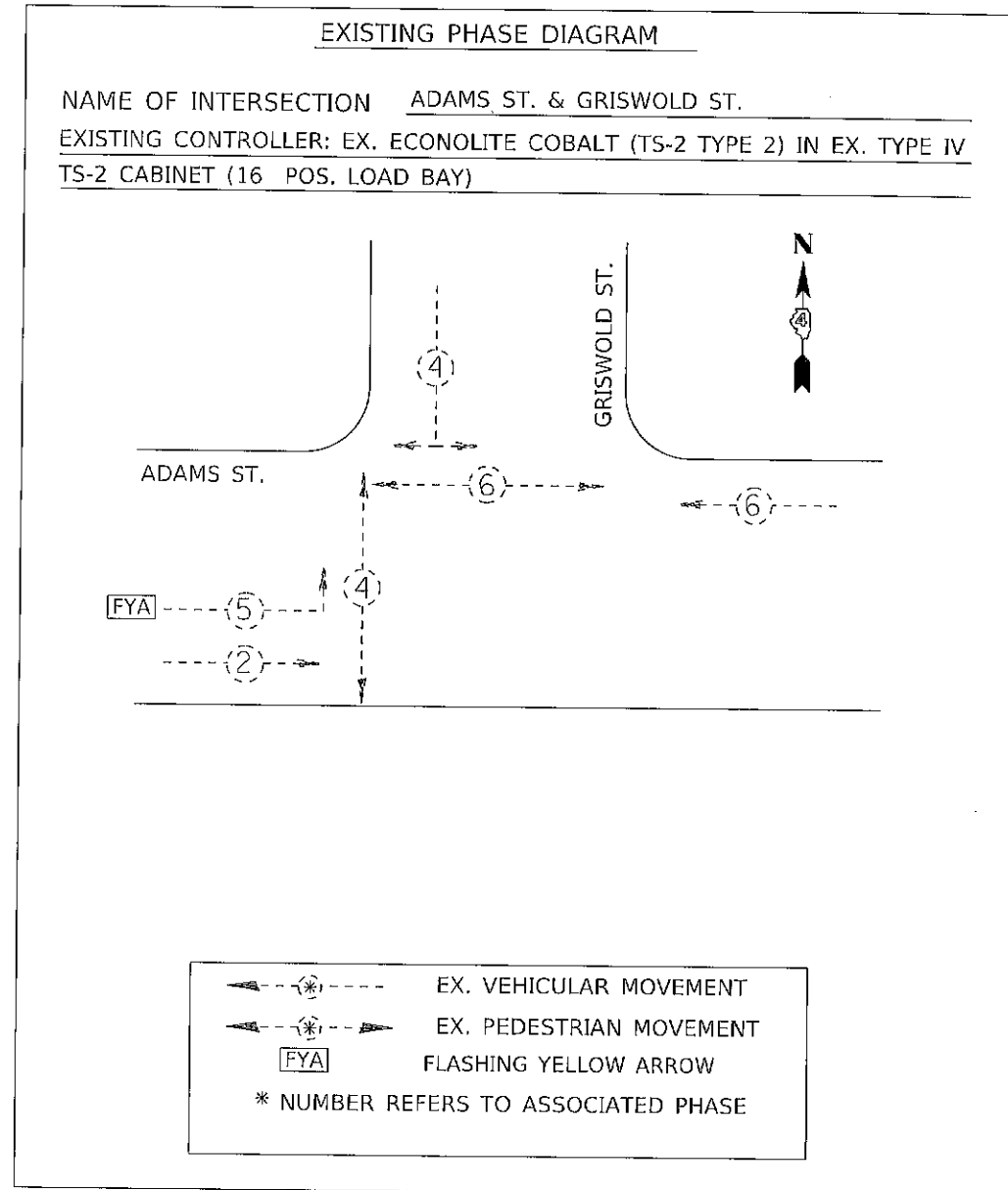
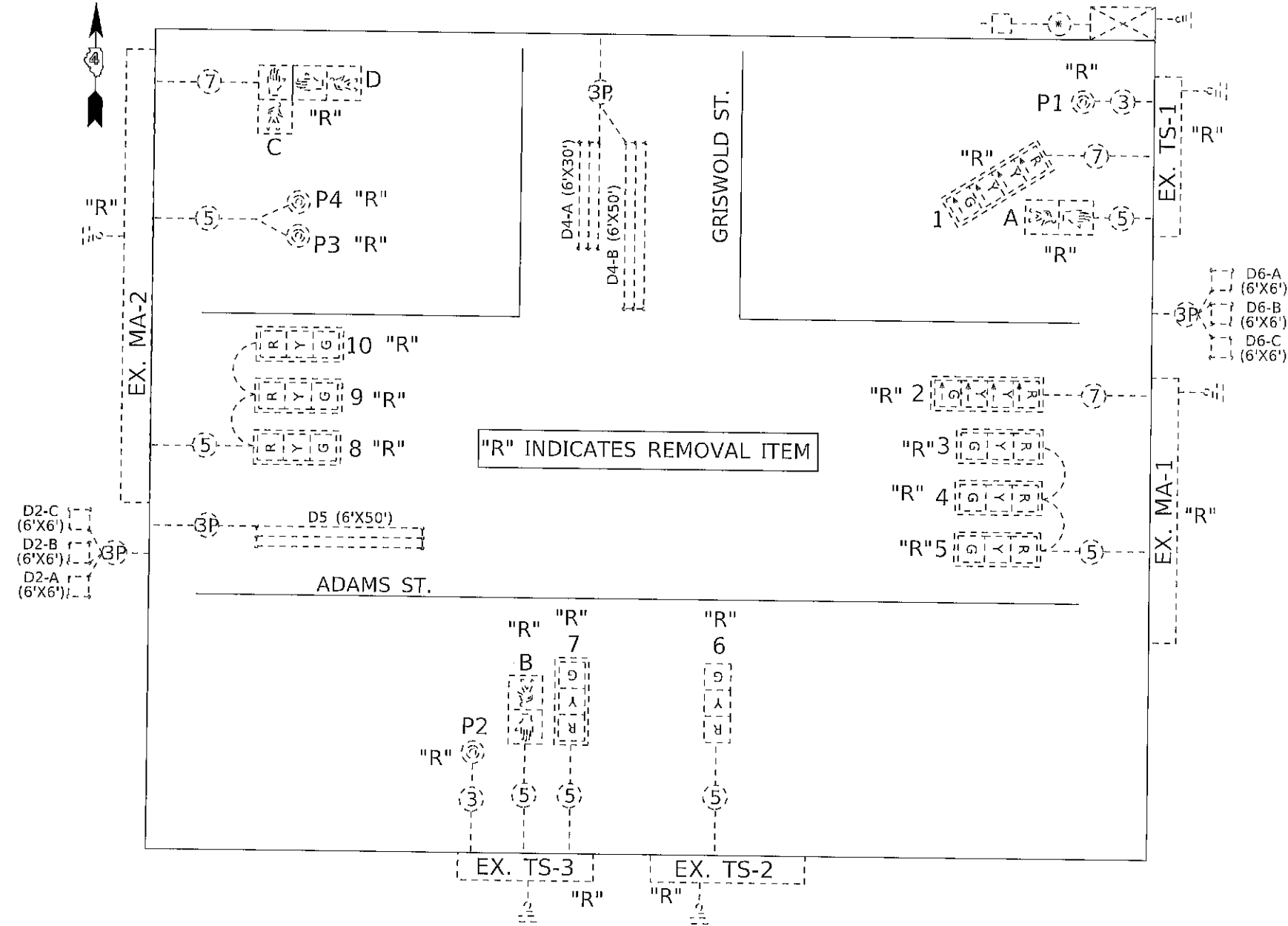
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PLOT DATE = 3/19/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EXISTING TRAFFIC SIGNAL PLANS & REMOVAL ITEMS  
 SW ADAMS ST. & GRISWOLD ST. - PEORIA

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	DRUMMER BLANK REBACKSHEET 00021	PEORIA	40	29
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68G54	



**TRAFFIC SIGNALS LEGEND**

- |                                       |  |                                     |
|---------------------------------------|--|-------------------------------------|
| EX. TRAFFIC SIGNAL CONTROLLER CABINET | EX. 3 SEC. SIGNAL HEAD W/BACKPLATE       | EX. NO. 18 3-PR DETECTOR LOOP CABLE |
| EX. ELECTRIC SERVICE                  | EX. 3 SEC. SIGNAL HEAD WITHOUT BACKPLATE | EX. 3/C NO. 14 SIGNAL CABLE         |
| EX. QUADRAPOLE DETECTOR LOOP          | PROP. 4 SEC. SIGNAL HEAD W/BACKPLATE     | EX. 5/C NO. 14 SIGNAL CABLE         |
| EX. DETECTOR LOOP                     | EX. PEDESTRIAN SIGNAL HEAD               | EX. 7/C NO. 14 SIGNAL CABLE         |
|                                       | EX. PEDESTRIAN PUSHBUTTON                | EX. 1/C NO. 6 CABLE                 |
|                                       | EX. GROUND/SAFETY BOND                   |                                     |

NOT TO SCALE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING CABLE & PHASE DIAGRAMS  
ADAMS ST. & GRISWOLD ST. - PEORIA

USER NAME = hansonj	DESIGNED -	REVISED -
PLOT SCALE = 23,8272' / in.	DRAWN -	REVISED -
PLOT DATE = 3/19/2021	CHECKED -	REVISED -
	DATE -	REVISED -

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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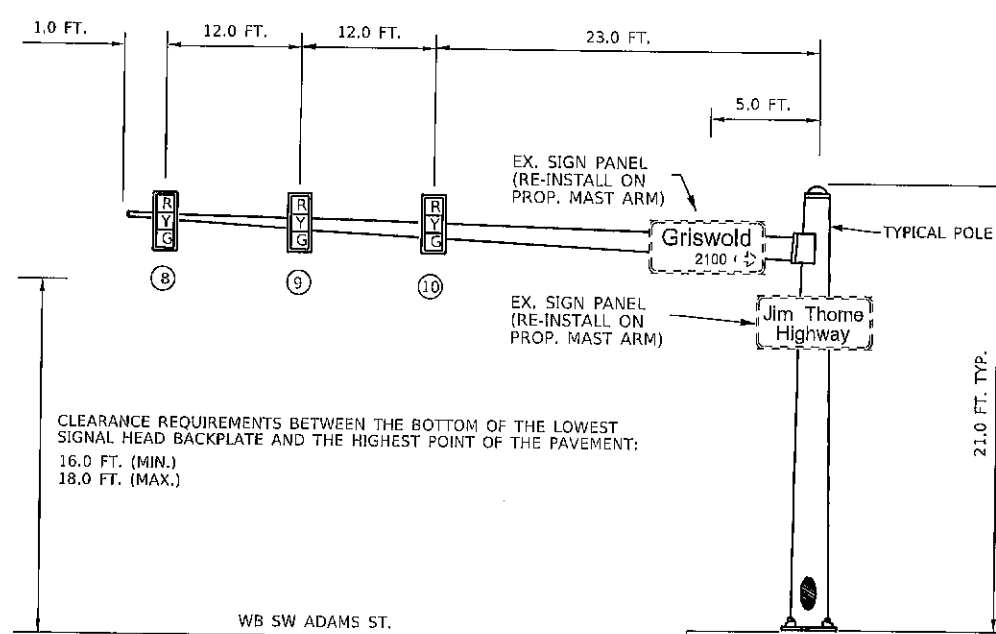
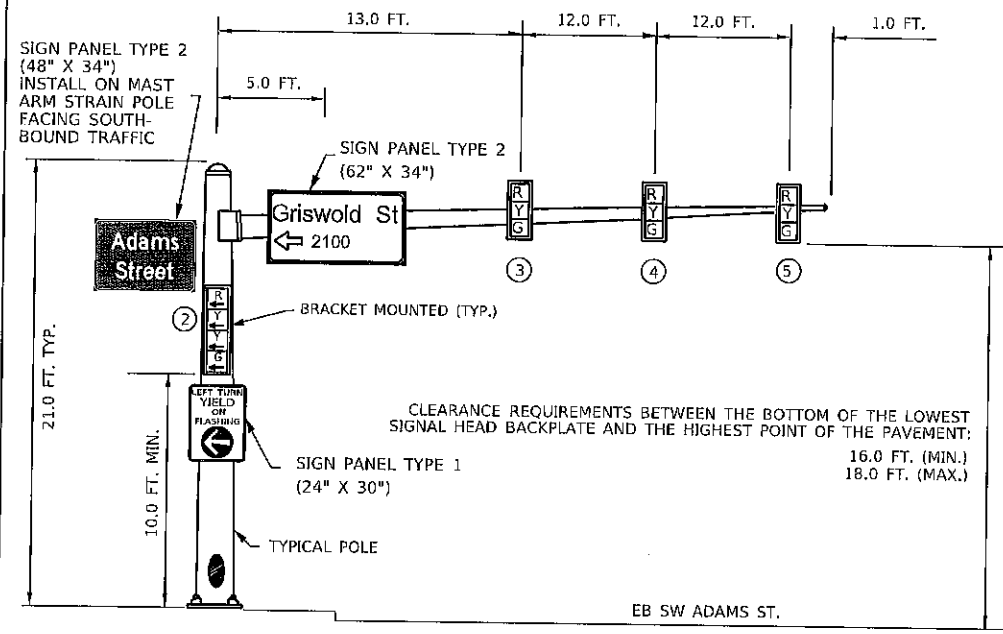
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	D4 MAST ARM REPLACEMENT 2021	PEORIA	40	30
CONTRACT NO. 68G54				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
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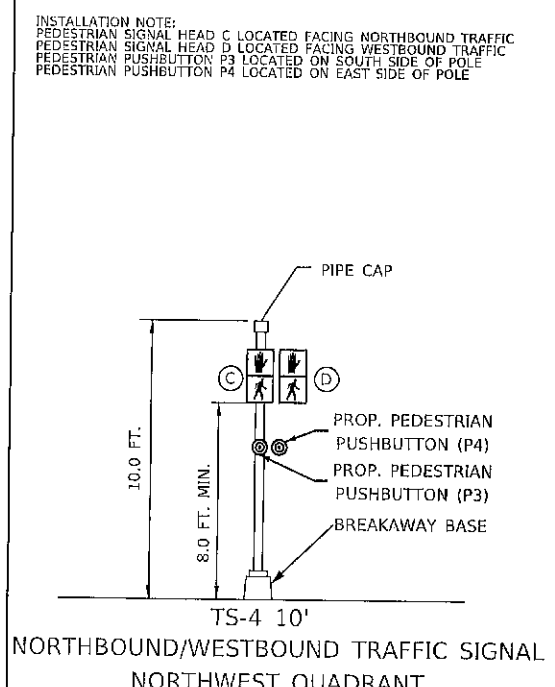
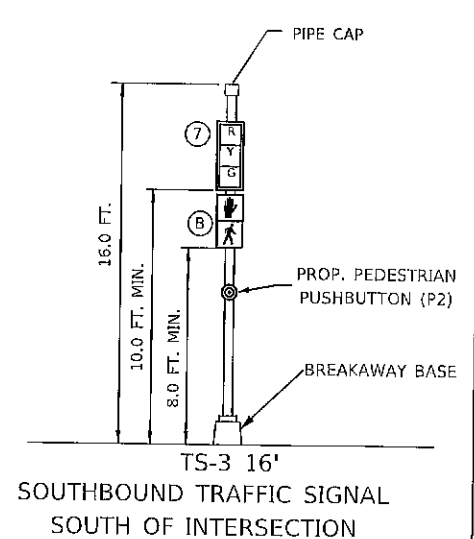
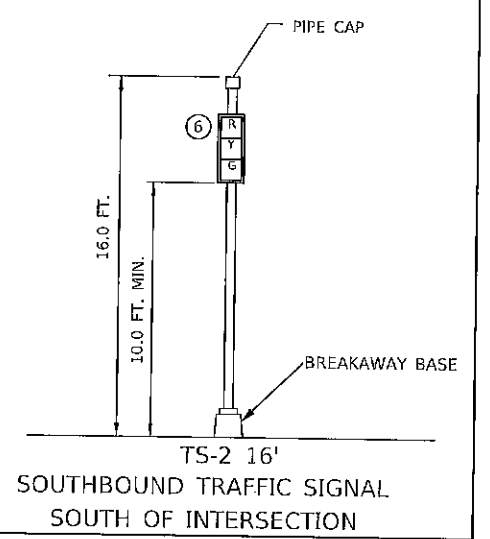
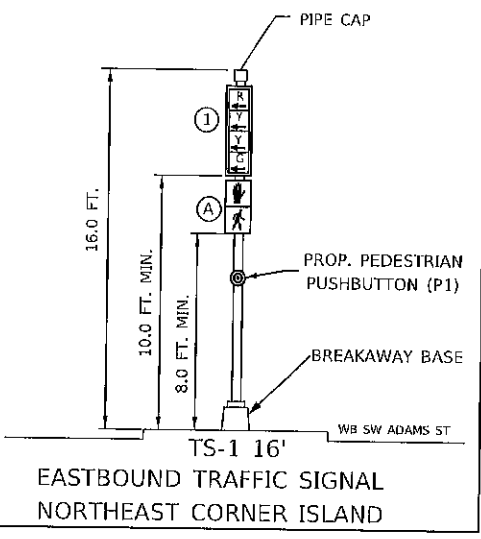








- NOTES:**
1. THE CONTRACTOR SHALL RELOCATE ALL OTHER EXISTING SIGNS FROM THE REMOVED MAST ARMS AND TRAFFIC SIGNAL POSTS TO THE PROPOSED MAST ARMS AND TRAFFIC SIGNAL POSTS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED MAST ARMS AND TRAFFIC SIGNAL POSTS.
  2. ALL PROPOSED SIGNS SHALL INCLUDE THE BLOCK NUMBERING AT THE BOTTOM OF THE SIGN.



INSTALLATION NOTE:  
 PEDESTRIAN SIGNAL HEAD C LOCATED FACING NORTHBOUND TRAFFIC  
 PEDESTRIAN SIGNAL HEAD D LOCATED FACING WESTBOUND TRAFFIC  
 PEDESTRIAN PUSHBUTTON P3 LOCATED ON SOUTH SIDE OF POLE  
 PEDESTRIAN PUSHBUTTON P4 LOCATED ON EAST SIDE OF POLE

NOT TO SCALE

MODEL: Default  
 FILE NAME: C:\Comm\GENT\Transfer - Bureau\68G54 - Final Plans\68G54 - D4 Mast Arm Replacement 2021 Final (03-19-21).dgn

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PLOT SCALE = 23,8272' / 1"	DRAWN -	REVISED -
PLOT DATE = 3/19/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PROPOSED MAST ARM AND TRAFFIC SIGNAL POST DETAILS  
 ADAMS ST. & GRISWOLD ST. - PEORIA

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 MAST ARM REPLACEMENT 2021	PEORIA	40	33
CONTRACT NO. 68G54				
ILLINOIS FED. AID PROJECT				



IL 29 (JEFFERSON) & SPRING - REMOVAL		
BILL OF MATERIALS		
ITEM DESCRIPTION	UNIT	QTY.
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1.0



NOTES:  
 1. THE EXISTING LOOP LEAD-IN CABLES SHALL REMAIN INTACT AND OPERATIONAL FOR THE PROPOSED DESIGN.

IL 29 (JEFFERSON) & SPRING - REMOVAL	
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT - QTY. 1 EACH (INCLUDES ALL ITEMS LISTED BELOW)	
THE FOLLOWING ITEMS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF OF THE RIGHT-OF-WAY. THE SALVAGE VALUE OF THIS EQUIPMENT SHALL BE REFLECTED IN THE UNIT BID PRICE FOR "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT."	
QTY.	DESCRIPTION
2.0	TRAFFIC SIGNAL POST
2.0	TRAFFIC SIGNAL MAST ARM
4.0	SIGNAL HEAD, 1-FACE, 3-SECTION, MAST ARM MOUNTED
3.0	SIGNAL HEAD, 1-FACE, 3-SECTION, SPAN WIRE MOUNTED
4.0	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED
ALL	SPAN WIRE COMPONENTS
ALL	TRAFFIC SIGNAL CABLING NOT USED IN PROP. INSTALLATION

MODEL: Default  
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PLOT DATE = 3/19/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

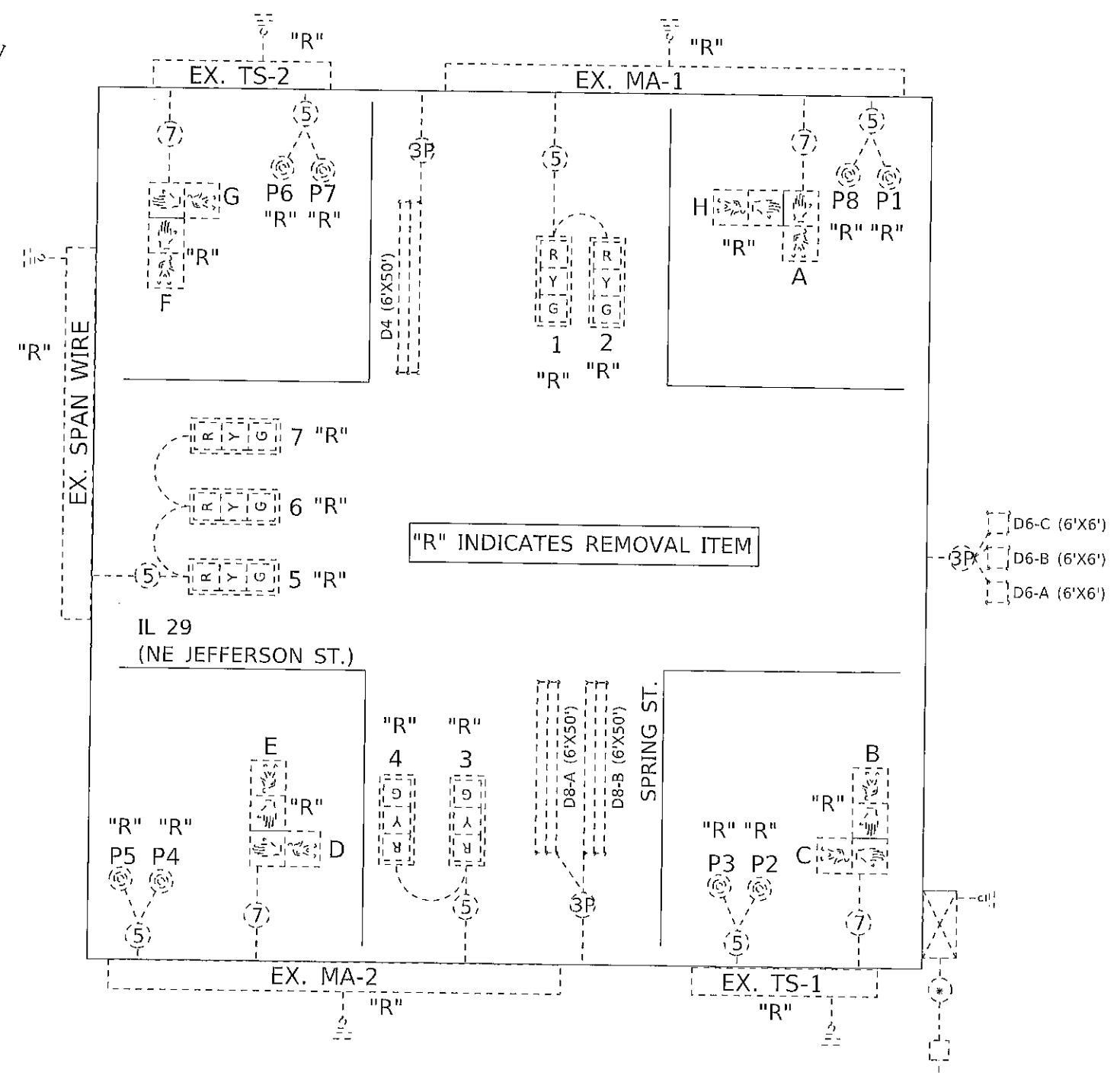
EXISTING TRAFFIC SIGNAL PLANS & REMOVAL ITEMS  
 IL 29 (NE JEFFERSON ST.) & SPRING ST. - PEORIA

SCALE: SHEET OF SHEETS STA. TO STA.

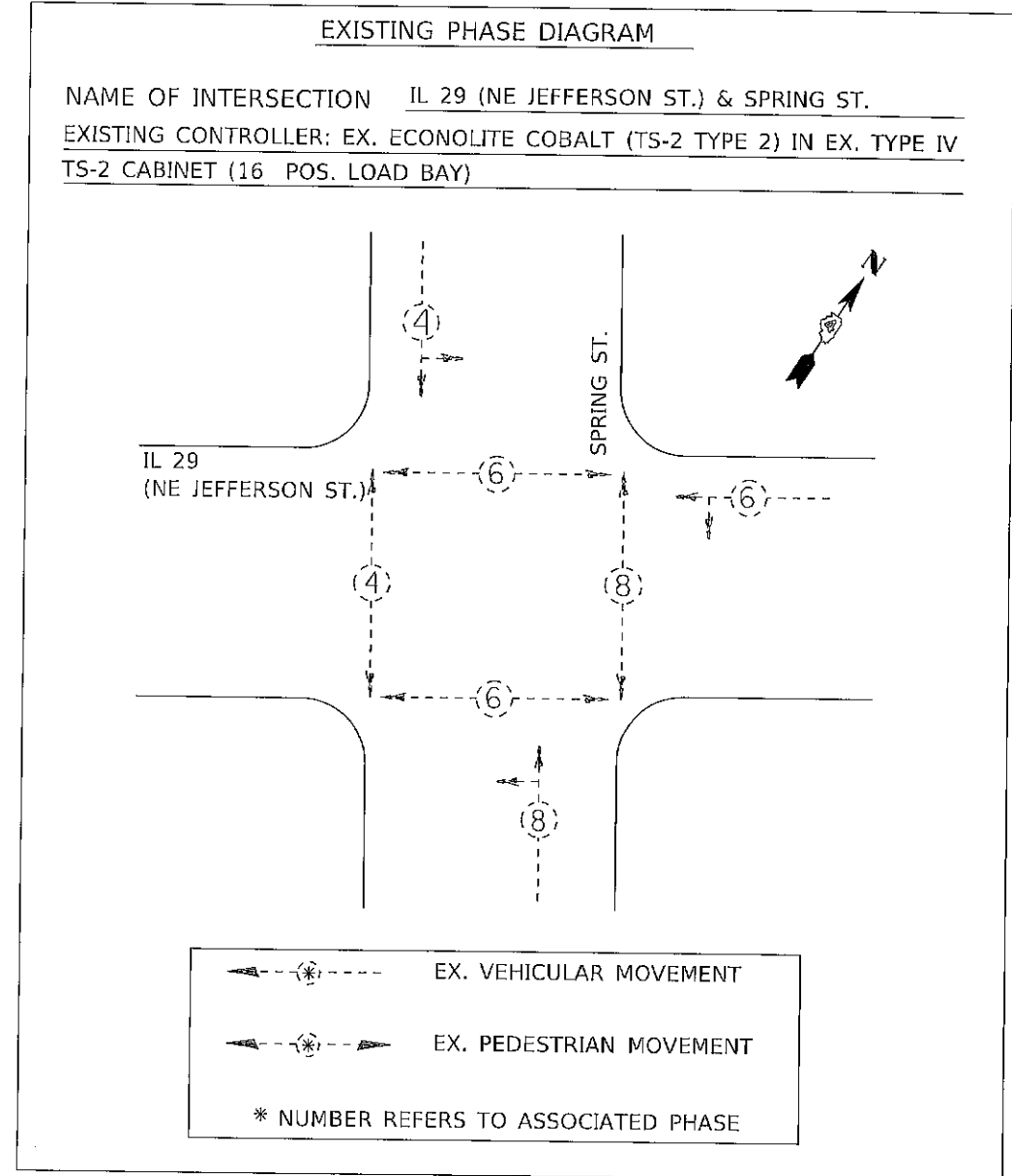
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	DIVISION 1000 REPLACEMENT 2021	PEORIA	40	34
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68G54	

NOT TO SCALE





"R" INDICATES REMOVAL ITEM



TRAFFIC SIGNALS LEGEND

- EX. TRAFFIC SIGNAL CONTROLLER CABINET
- EX. 3 SEC. SIGNAL HEAD W/BACKPLATE
- EX. NO. 18 3-PR DETECTOR LOOP CABLE
- EX. ELECTRIC SERVICE
- EX. PEDESTRIAN SIGNAL HEAD
- EX. 5/C NO. 14 SIGNAL CABLE
- EX. QUADRAPOLE DETECTOR LOOP
- EX. PEDESTRIAN PUSHBUTTON
- EX. 7/C NO. 14 SIGNAL CABLE
- EX. DETECTOR LOOP
- EX. GROUND/SAFETY BOND
- EX. 1/C NO. 6 CABLE

NOT TO SCALE

MODEL: Default  
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	DATE -	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

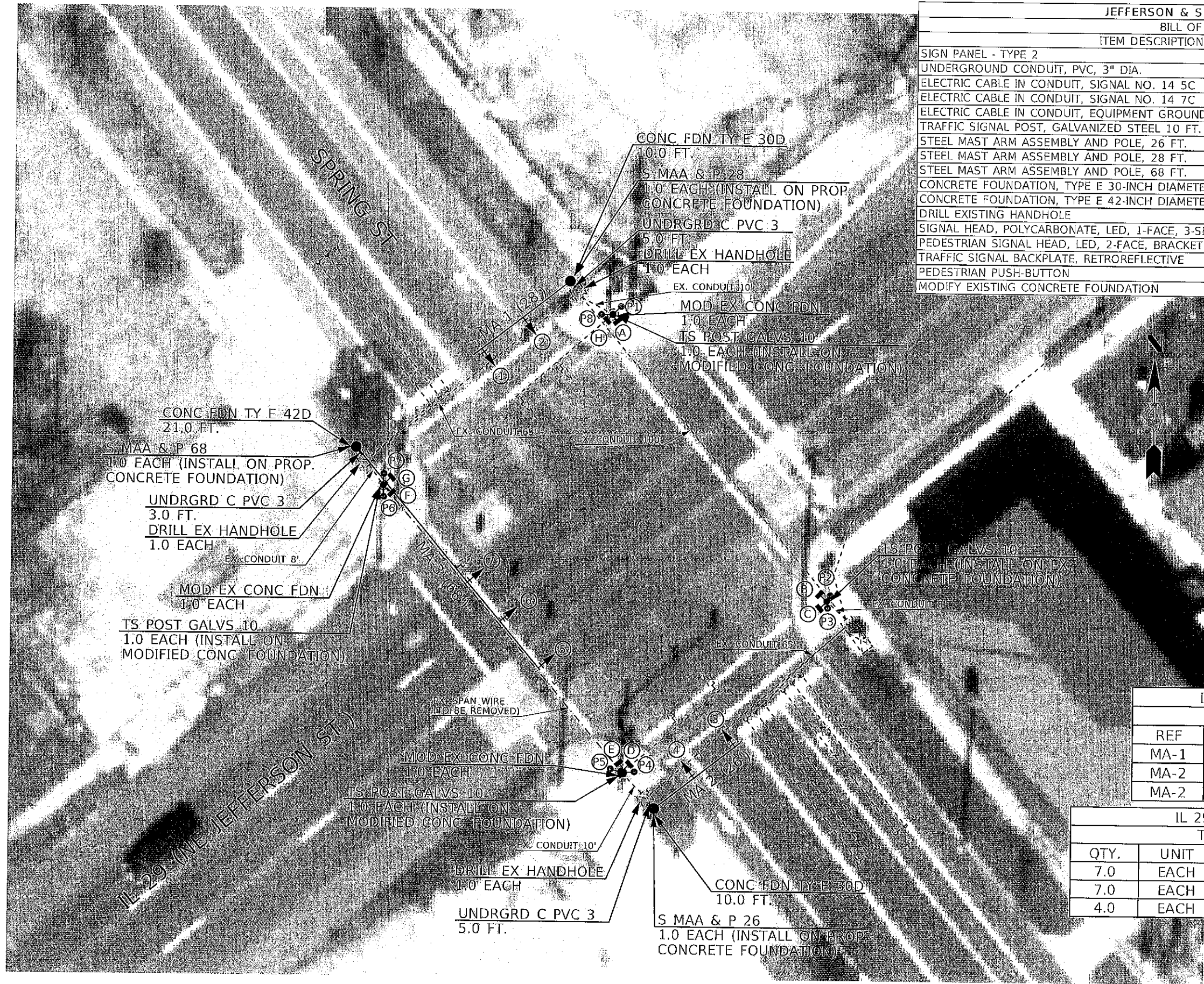
EXISTING CABLE & PHASE DIAGRAMS			
IL 29 (NE JEFFERSON ST.) & SPRING ST. - PEORIA			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 MAST ARM REPLACEMENT 2021	PEORIA	40	35
CONTRACT NO. 68G54				
ILLINOIS FED. AID PROJECT				

JEFFERSON & SPRING - PROPOSED

BILL OF MATERIALS

ITEM DESCRIPTION	UNIT	QTY.
SIGN PANEL - TYPE 2	SQ FT	44.2
UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	13.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1153.5
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	526.0
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	50.5
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	4.0
STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.	EACH	1.0
STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1.0
STEEL MAST ARM ASSEMBLY AND POLE, 68 FT.	EACH	1.0
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	20.0
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	21.0
DRILL EXISTING HANDHOLE	EACH	3.0
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	7.0
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED	EACH	4.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	7.0
PEDESTRIAN PUSH-BUTTON	EACH	8.0
MODIFY EXISTING CONCRETE FOUNDATION	EACH	3.0



NOTES:  
 1. THE EXISTING LOOP LEAD-IN CABLES SHALL REMAIN INTACT AND OPERATIONAL FOR THE PROPOSED DESIGN.

IL 29 (NE JEFFERSON ST.) & SPRING ST.			
MAST ARM SCHEDULE			
REF	LOCATION	LENGTH	DESCRIPTION
MA-1	N QUAD	28 FT.	S MAA & P
MA-2	S QUAD	26 FT.	S MAA & P
MA-2	W QUAD	68 FT.	S MAA & P

IL 29 (NE JEFFERSON ST.) & SPRING ST.			
TRAFFIC SIGNAL HEAD SCHEDULE			
QTY.	UNIT	ITEM	LOCATION
7.0	EACH	SH P LED 1F 3S MAM	1,2,3,4,5,6,7
7.0	EACH	TS BACKPLATE RET-REFL	1,2,3,4,5,6,7
4.0	EACH	PED SH LED 2F BM	A/H, B/C, D/E, F/G

NOT TO SCALE

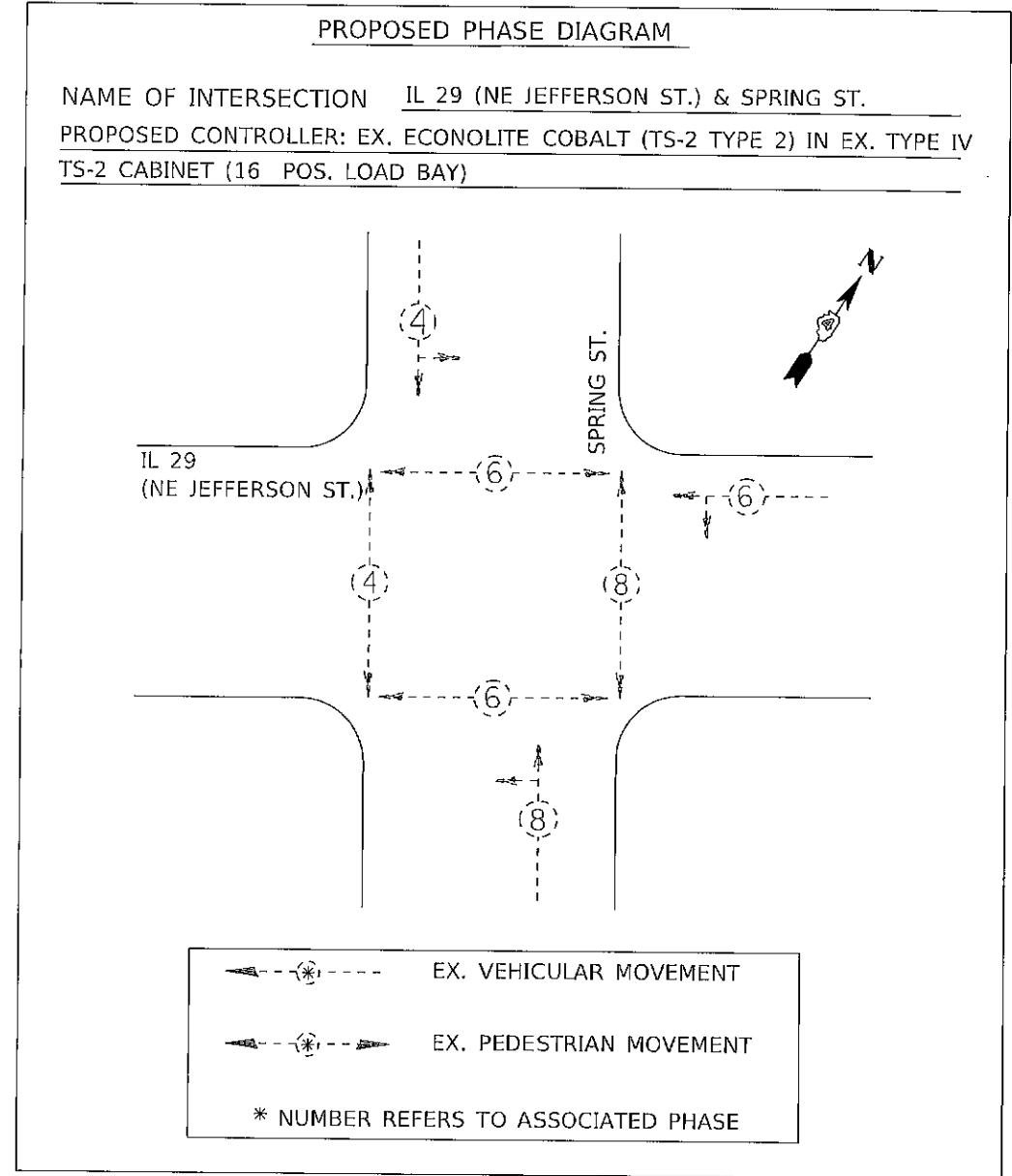
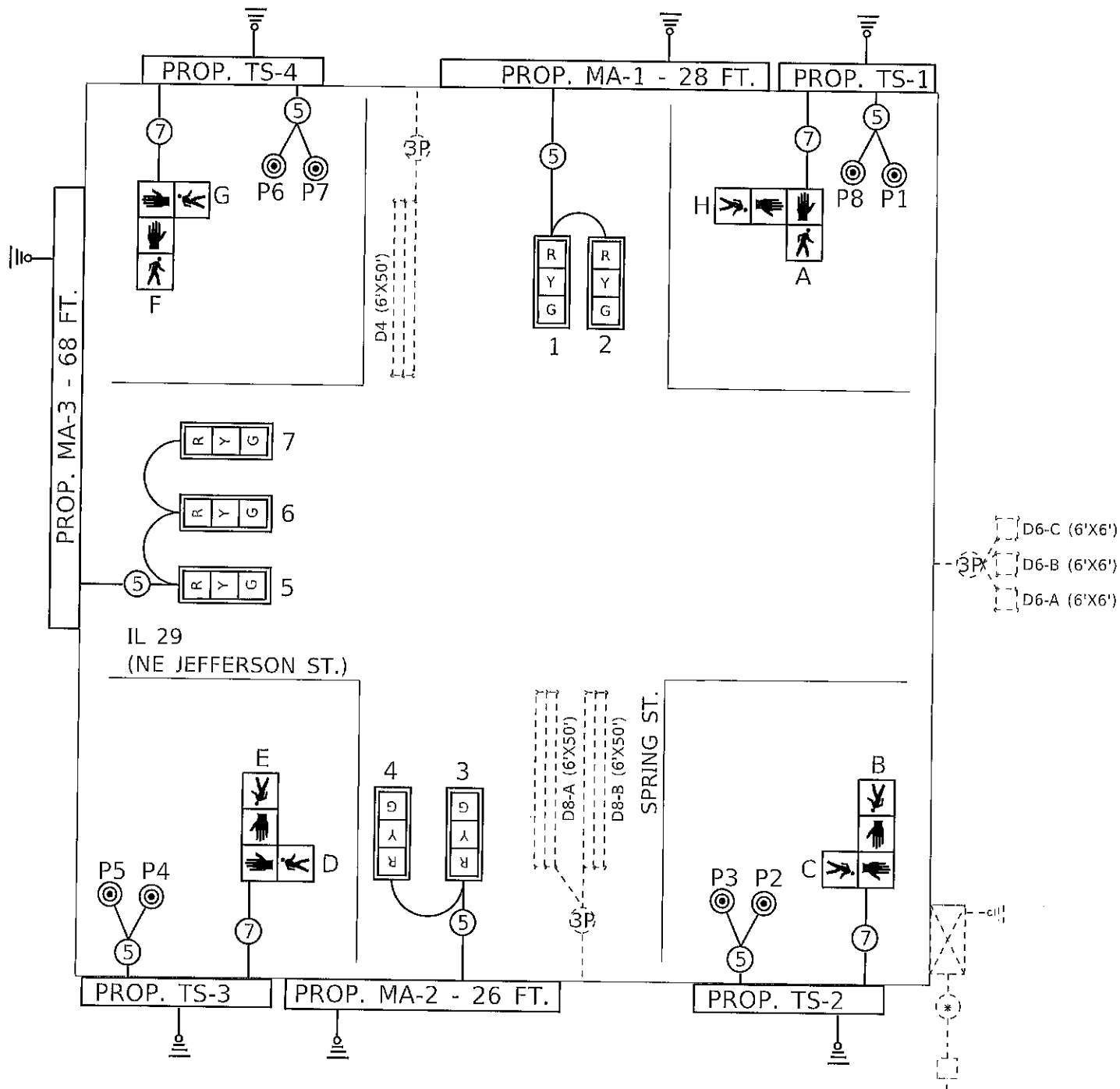
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PLOT DATE = 3/19/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNAL PLANS  
 IL 29 (NE JEFFERSON ST.) & SPRING ST. - PEORIA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	0606050001	PEORIA	40	36
CONTRACT NO. 68G54			ILLINOIS FED. AID PROJECT	

MODEL: Default  
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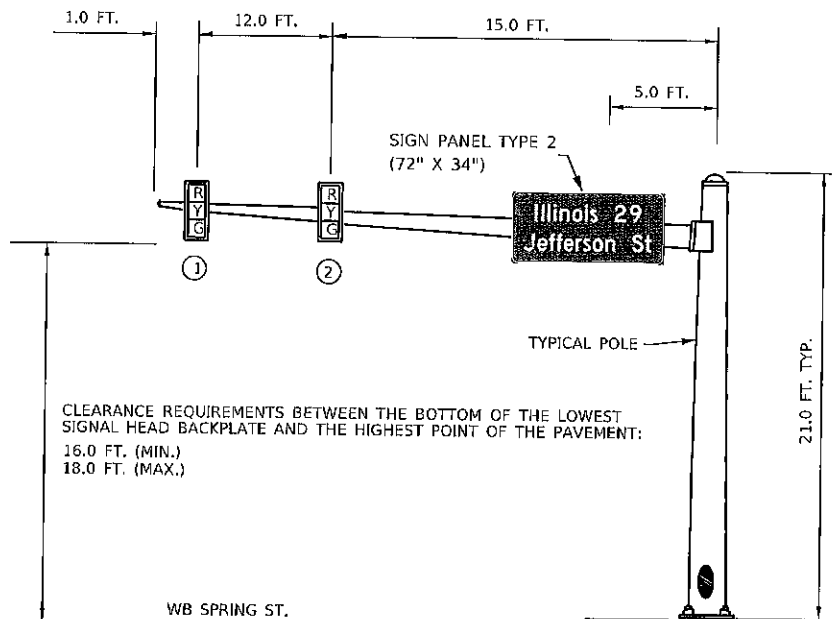
**TRAFFIC SIGNALS LEGEND**

- |  |  |  |
|--|--|--|
| <ul style="list-style-type: none"> <li> EX. TRAFFIC SIGNAL CONTROLLER CABINET</li> <li> EX. ELECTRIC SERVICE</li> <li> EX. QUADRAPOLE DETECTOR LOOP</li> <li> EX. DETECTOR LOOP</li> </ul> | <ul style="list-style-type: none"> <li> PROP. 3 SEC. SIGNAL HEAD W/BACKPLATE</li> <li> PROP. PEDESTRIAN SIGNAL HEAD</li> <li> PROP. PEDESTRIAN PUSHBUTTON</li> <li> PROP. GROUND/SAFETY BOND</li> <li> EX. GROUND/SAFETY BOND</li> </ul> | <ul style="list-style-type: none"> <li> EX. NO. 18 3-PR DETECTOR LOOP CABLE</li> <li> PROP. 5/C NO. 14 SIGNAL CABLE</li> <li> PROP. 7/C NO. 14 SIGNAL CABLE</li> <li> EX. 1/C NO. 6 CABLE</li> </ul> |
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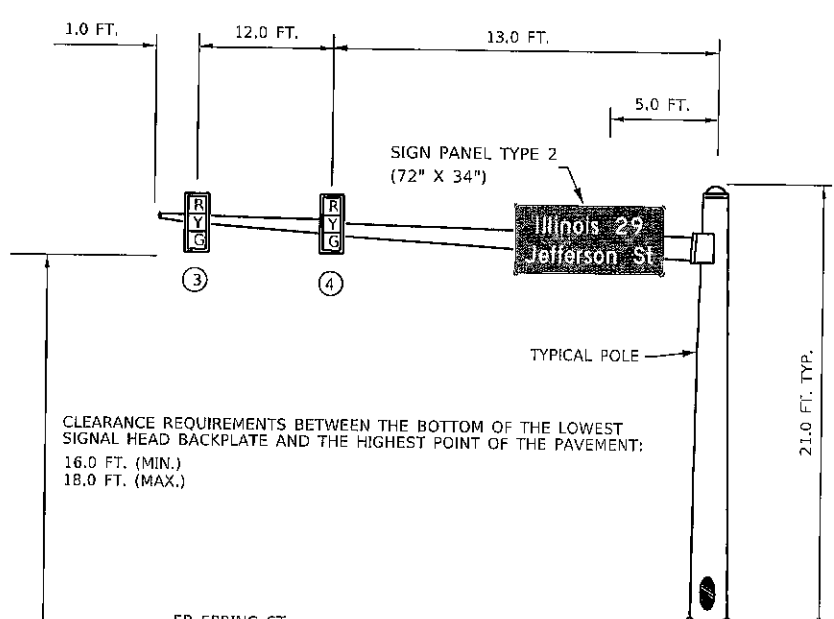
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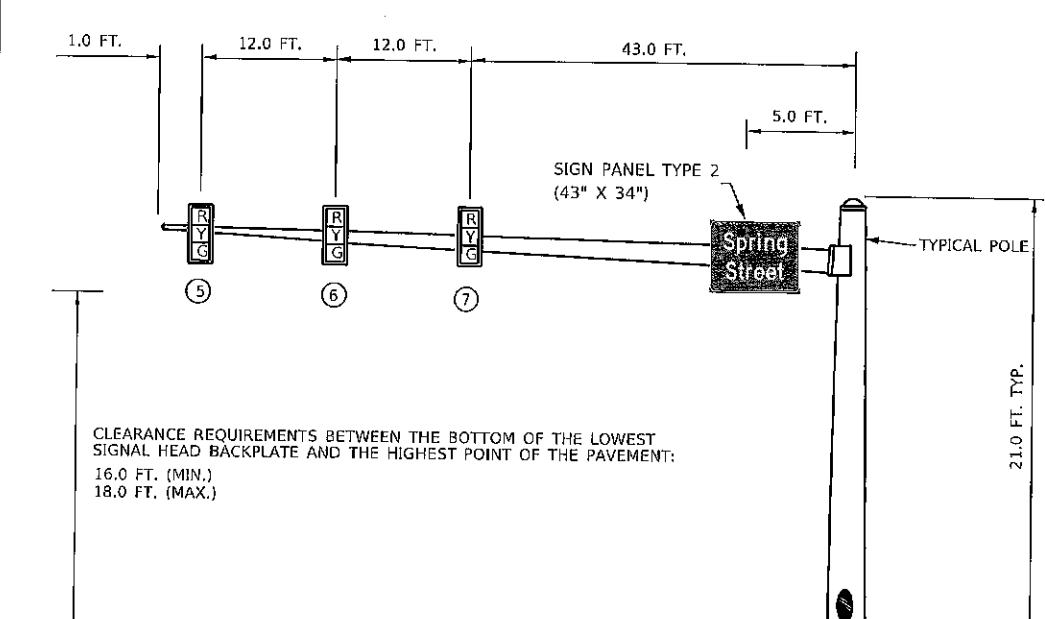
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PLOT SCALE = 23,8272' / in.	DRAWN -	REVISED -		<b>IL 29 (NE JEFFERSON ST.) &amp; SPRING ST. - PEORIA</b>		VAR.	D4 MAST ARM REPLACEMENT 2021	PEORIA	40	37
PLOT DATE = 3/19/2021	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 68G54				
						ILLINOIS FED. AID PROJECT				



WESTBOUND TRAFFIC SIGNAL  
NORTH QUADRANT  
MA-1 28'

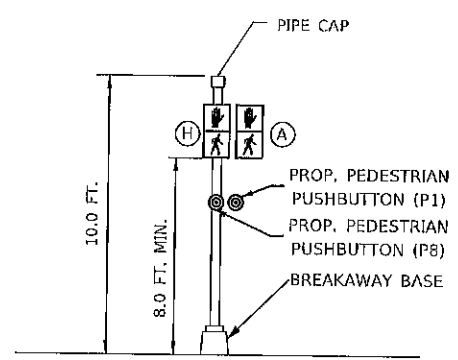


EASTBOUND TRAFFIC SIGNAL  
SOUTH QUADRANT  
MA-2 26'



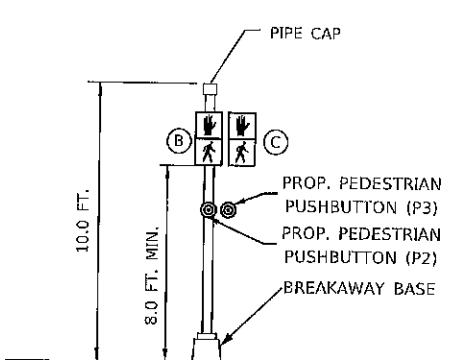
SOUTHBOUND TRAFFIC SIGNAL  
WEST QUADRANT  
MA-3 68'

INSTALLATION NOTE:  
PEDESTRIAN SIGNAL HEAD A LOCATED FACING WESTBOUND TRAFFIC  
PEDESTRIAN SIGNAL HEAD H LOCATED FACING NORTHBOUND TRAFFIC  
PEDESTRIAN PUSHBUTTON P1 LOCATED ON EAST SIDE OF POLE  
PEDESTRIAN PUSHBUTTON P8 LOCATED ON SOUTH SIDE OF POLE



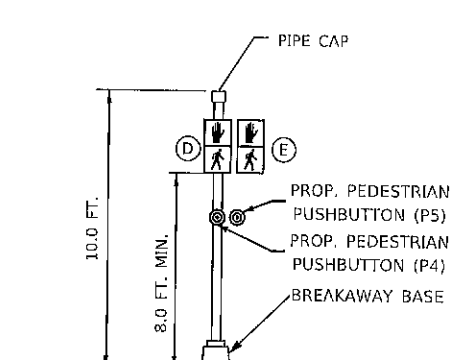
TS-1 10'  
NORTHBOUND/WESTBOUND TRAFFIC SIGNAL  
NORTH QUADRANT

INSTALLATION NOTE:  
PEDESTRIAN SIGNAL HEAD B LOCATED FACING EASTBOUND TRAFFIC  
PEDESTRIAN SIGNAL HEAD C LOCATED FACING NORTHBOUND TRAFFIC  
PEDESTRIAN PUSHBUTTON P2 LOCATED ON WEST SIDE OF POLE  
PEDESTRIAN PUSHBUTTON P3 LOCATED ON SOUTH SIDE OF POLE



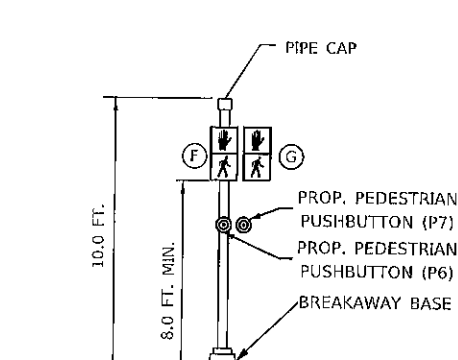
TS-2 10'  
NORTHBOUND/EASTBOUND TRAFFIC SIGNAL  
EAST QUADRANT

INSTALLATION NOTE:  
PEDESTRIAN SIGNAL HEAD D LOCATED FACING SOUTHBOUND TRAFFIC  
PEDESTRIAN SIGNAL HEAD E LOCATED FACING EASTBOUND TRAFFIC  
PEDESTRIAN PUSHBUTTON P4 LOCATED ON NORTH SIDE OF POLE  
PEDESTRIAN PUSHBUTTON P5 LOCATED ON WEST SIDE OF POLE



TS-3 10'  
SOUTHBOUND/EASTBOUND TRAFFIC SIGNAL  
SOUTH QUADRANT

INSTALLATION NOTE:  
PEDESTRIAN SIGNAL HEAD F LOCATED FACING WESTBOUND TRAFFIC  
PEDESTRIAN SIGNAL HEAD G LOCATED FACING SOUTHBOUND TRAFFIC  
PEDESTRIAN PUSHBUTTON P6 LOCATED ON EAST SIDE OF POLE  
PEDESTRIAN PUSHBUTTON P7 LOCATED ON NORTH SIDE OF POLE



TS-4 10'  
SOUTHBOUND/WESTBOUND TRAFFIC SIGNAL  
WEST QUADRANT

- NOTES:
1. THE CONTRACTOR SHALL RELOCATE ALL OTHER EXISTING SIGNS FROM THE REMOVED MAST ARMS AND TRAFFIC SIGNAL POSTS TO THE PROPOSED MAST ARMS AND TRAFFIC SIGNAL POSTS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED MAST ARMS AND TRAFFIC SIGNAL POSTS.
  2. ALL PROPOSED SIGNS SHALL INCLUDE THE BLOCK NUMBERING AT THE BOTTOM OF THE SIGN.

NOT TO SCALE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED MAST ARM AND TRAFFIC SIGNAL POST DETAILS  
IL 29 (NE JEFFERSON ST.) & SPRING ST. - PEORIA

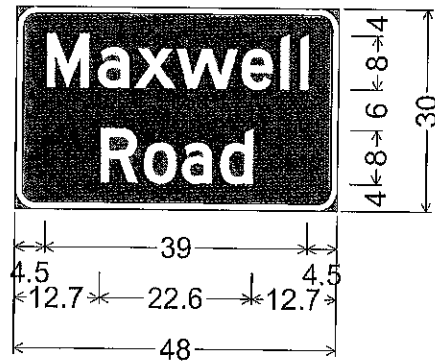
USER (NAME = hanson)	DESIGNED -	REVISED -
DRAWN -	CHECKED -	REVISED -
PLOT SCALE = 23,8272' / in.	DATE -	REVISED -
PLOT DATE = 3/19/2021		

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 MAST ARM REPLACEMENT 2021	PEORIA	40	38
CONTRACT NO. 68G54				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
FILE NAME: C:\comm\gen\Trans\Bureau\68G54 - Final Plans\68G54 - D4 Mast Arm Replacement 2021\_FINAL (03-19-21).dgn

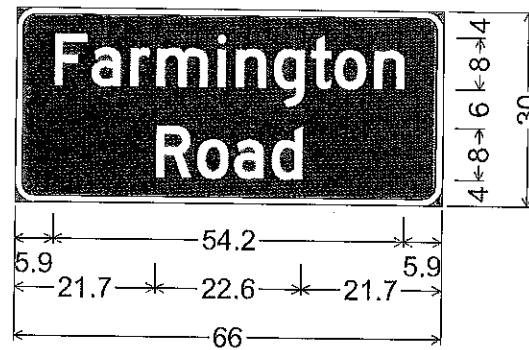




3.0" Radius, 1.0" Border, White on Green;  
 "Maxwell", D 2K;  
 "Road", D 2K;

Table of distances between letter and object lefts

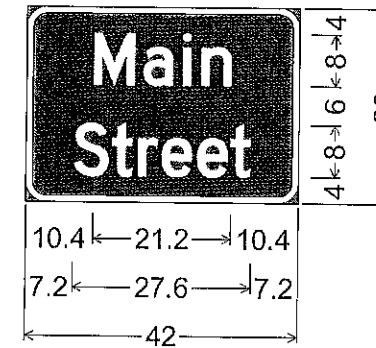
4.5	M	a	x	w	e	l	l	4.5
7.6	7.6	5.3	6.4	9.7	5.8	2.9	1.3	4.5
12.7	R	o	a	d	12.7			
6.3	6.3	5.8	5.7	4.8	12.7			



3.0" Radius, 1.0" Border, White on Green;  
 "Farmington", D 2K;  
 "Road", D 2K;

Table of distances between letter and object lefts

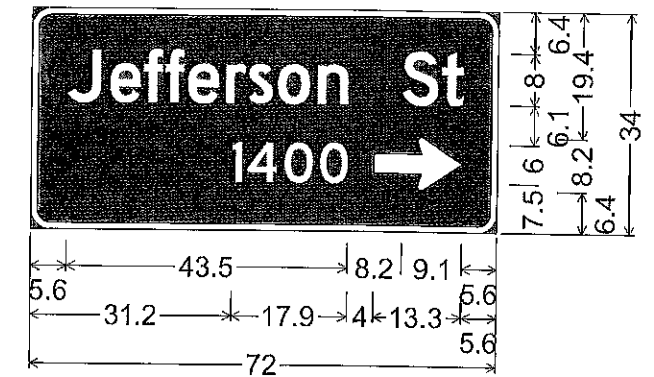
5.9	F	a	r	m	i	n	g	t	o	n	5.9
5.6	6.1	4.0	9.4	2.9	5.9	5.7	3.7	6.2	4.7	5.9	
21.7	R	o	a	d	21.7						
6.3	6.3	5.8	5.7	4.8	21.7						



3.0" Radius, 1.0" Border, White on Green;  
 "Main", D 2K;  
 "Street", D 2K;

Table of distances between letter and object lefts

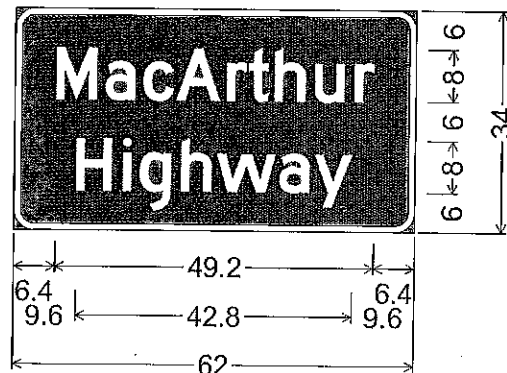
10.4	M	a	i	n	10.4						
7.6	7.6	6.0	2.9	4.7	10.4						
7.2	S	t	r	e	e	t	7.2				
6.0	6.0	4.0	3.7	5.5	5.2	3.2	7.2				



3.0" Radius, 1.0" Border, White on Green;  
 "Jefferson", D 2K; "St", D 2K;  
 "1400", D 2K;

Standard Arrow Custom 13.4" X 8.1" 0°;  
 Table of distances between letter and object lefts

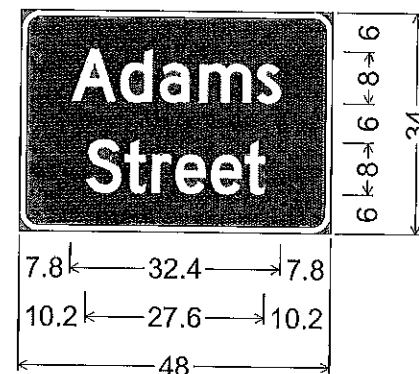
5.6	J	e	f	f	e	r	s	o	n	5.6
6.5	5.4	3.3	3.6	5.8	3.5	4.5	6.2			
12.9	S	t	5.6							
5.9	5.9	3.2	5.6							
31.2	1	4	0	0	13.3	5.6				
2.3	2.3	5.9	5.4	8.3	13.3	5.6				



3.0" Radius, 1.0" Border, White on Green;  
 "MacArthur", D 2K;  
 "Highway", D 2K;

Table of distances between letter and object lefts

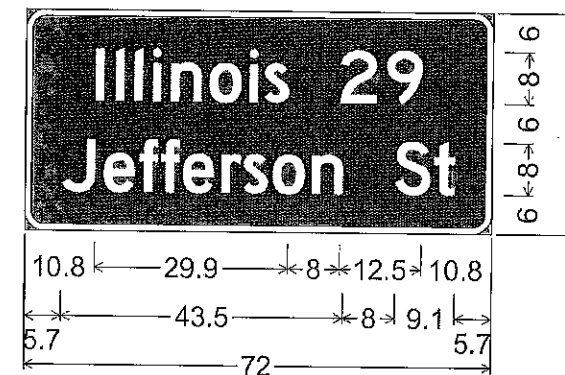
6.4	M	a	c	A	r	t	h	u	r	6.4
7.6	7.6	5.7	5.2	7.9	3.2	4.1	6.2	6.3	3.0	6.4
9.6	H	i	g	h	w	a	y	9.6		
7.2	7.2	2.6	6.4	5.6	9.6	5.4	6.0	9.6		



3.0" Radius, 1.0" Border, White on Green;  
 "Adams", D 2K;  
 "Street", D 2K;

Table of distances between letter and object lefts

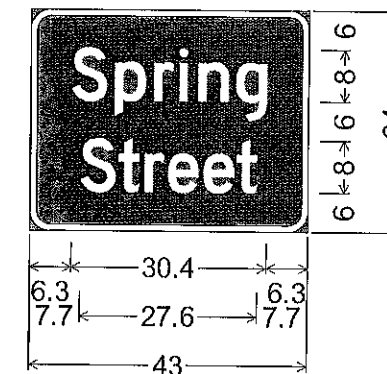
7.8	A	d	a	m	s	7.8					
7.6	6.0	6.0	9.0	3.8	7.8						
10.2	S	t	r	e	e	t	10.2				
6.0	4.0	3.7	5.5	5.2	3.2	10.2					



3.0" Radius, 1.0" Border, White on Green;  
 "Illinois 29", D 2K;  
 "Jefferson St", D 2K;

Table of distances between letter and object lefts

10.8	I	l	l	i	n	o	i	s			
3.0	2.9	2.9	2.9	5.9	6.2	2.4					
11.7	2	9	10.8								
7.1	7.1	5.4	10.8								
5.7	J	e	f	f	e	r	s	o	n	5.7	
6.5	5.4	3.4	3.5	5.8	3.5	4.5	6.2				
12.7	S	t	5.7								
5.9	5.9	3.2	5.7								



3.0" Radius, 1.0" Border, White on Green;  
 "Spring", D 2K;  
 "Street", D 2K;

Table of distances between letter and object lefts

6.3	S	p	r	i	n	g	6.3				
6.7	6.1	4.0	2.8	6.0	4.8	6.3					
7.7	S	t	r	e	e	t	7.7				
6.0	4.0	3.7	5.5	5.2	3.2	7.7					

NOTES:  
 1. THE CONTRACTOR SHALL RELOCATE ALL OTHER EXISTING SIGNS FROM THE REMOVED MAST ARMS AND TRAFFIC SIGNAL POSTS TO THE PROPOSED MAST ARMS AND TRAFFIC SIGNAL POSTS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED MAST ARMS AND TRAFFIC SIGNAL POSTS.  
 2. ALL PROPOSED SIGNS SHALL INCLUDE THE BLOCK NUMBERING AT THE BOTTOM OF THE SIGN.

NOT TO SCALE

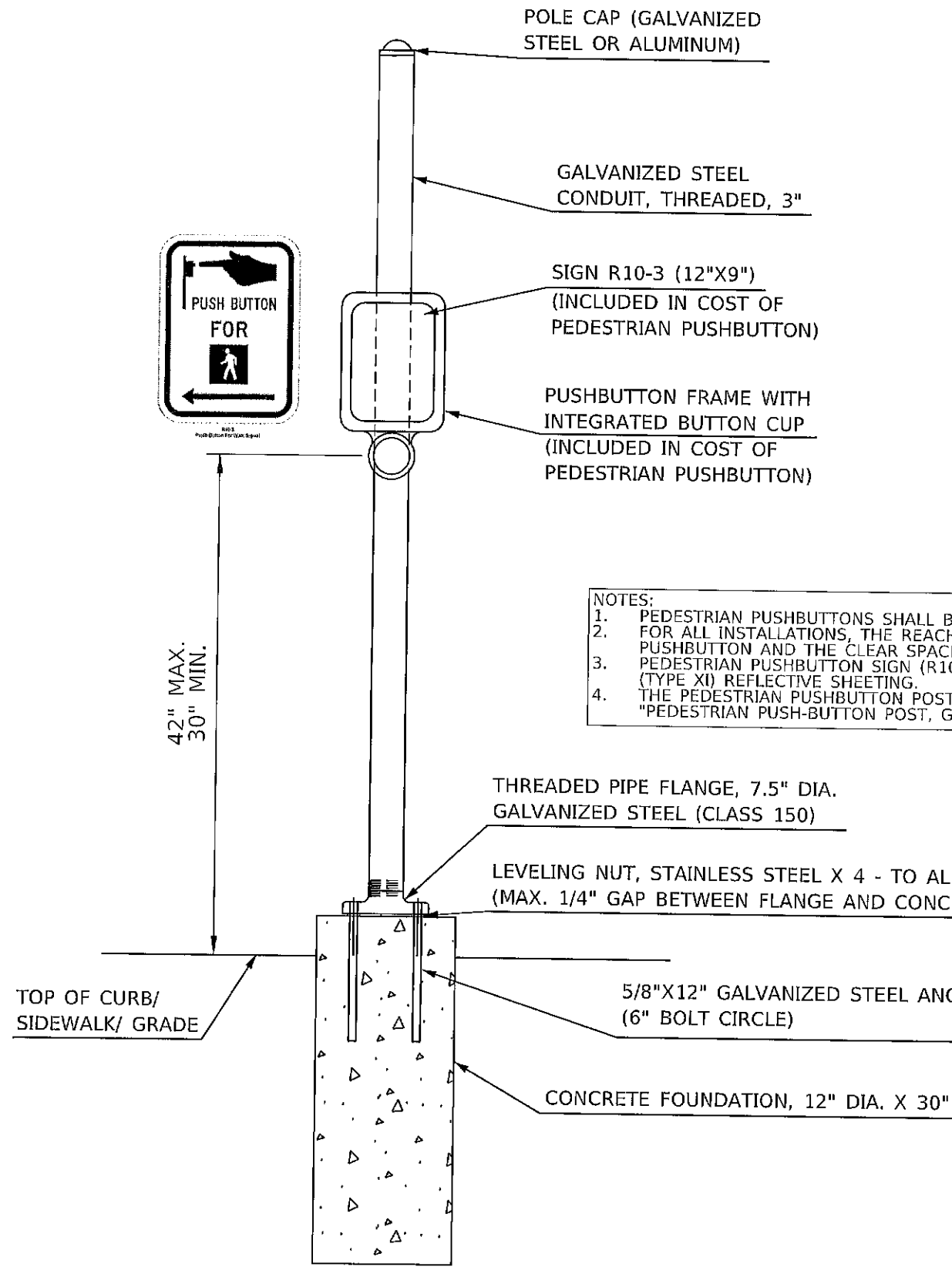
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SIGN DETAILS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 MAST ARM REPLACEMENT 2021	PEORIA	40	39
CONTRACT NO. 68G54			ILLINOIS FED. AID PROJECT	

USER (NAME = hansonj)	DESIGNED -	REVISED -
PLOT SCALE = 23.8272' / in.	DRAWN -	REVISED -
PLOT DATE = 3/19/2021	CHECKED -	REVISED -
	DATE -	REVISED -

SCALE: SHEET OF SHEETS STA. TO STA.



**PEDESTRIAN PUSHBUTTON POST**

POLE CAP (GALVANIZED STEEL OR ALUMINUM)

GALVANIZED STEEL CONDUIT, THREADED, 3"

SIGN R10-3 (12"X9") (INCLUDED IN COST OF PEDESTRIAN PUSHBUTTON)

PUSHBUTTON FRAME WITH INTEGRATED BUTTON CUP (INCLUDED IN COST OF PEDESTRIAN PUSHBUTTON)

**NOTES:**

1. PEDESTRIAN PUSHBUTTONS SHALL BE LOCATED IN ACCORDANCE WITH THE 2009 MUTCD
2. FOR ALL INSTALLATIONS, THE REACH RANGE (DISTANCE BETWEEN THE FACE OF PEDESTRIAN PUSHBUTTON AND THE CLEAR SPACE) SHALL NOT EXCEED 10 INCHES.
3. PEDESTRIAN PUSHBUTTON SIGN (R10-3) SHALL BE CONSTRUCTED USING DIAMOND GRADE (TYPE XI) REFLECTIVE SHEETING.
4. THE PEDESTRIAN PUSHBUTTON POSTS DETAILED ON THIS SHEET SHALL BE PAID FOR AS "PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE 1."

THREADED PIPE FLANGE, 7.5" DIA. GALVANIZED STEEL (CLASS 150)

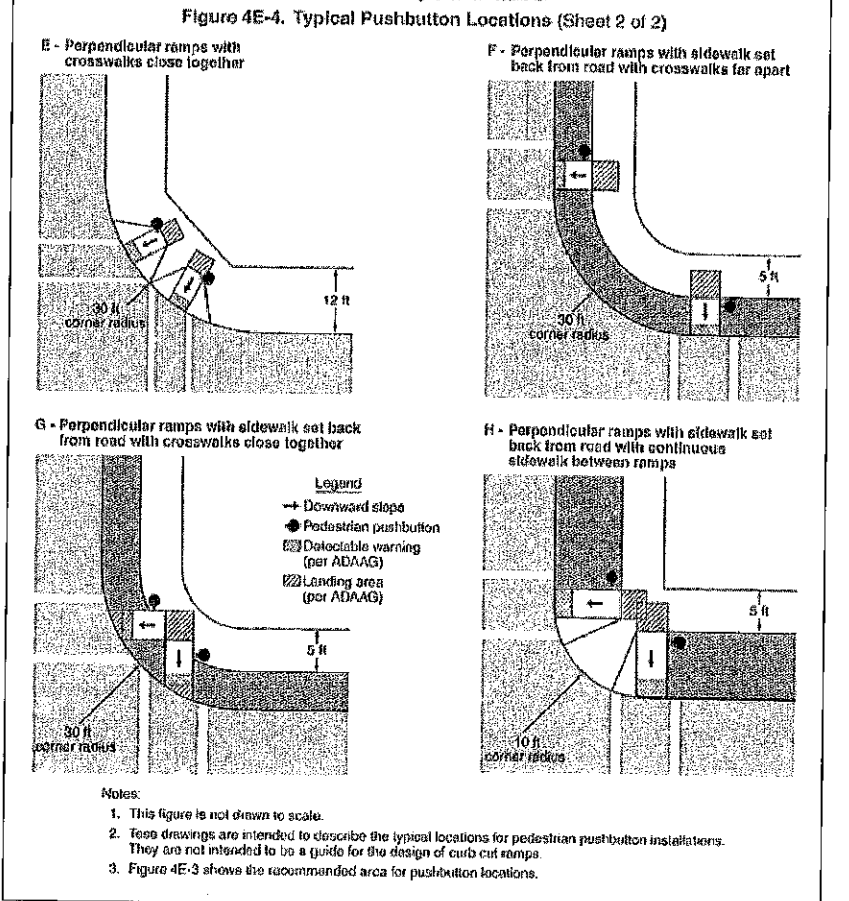
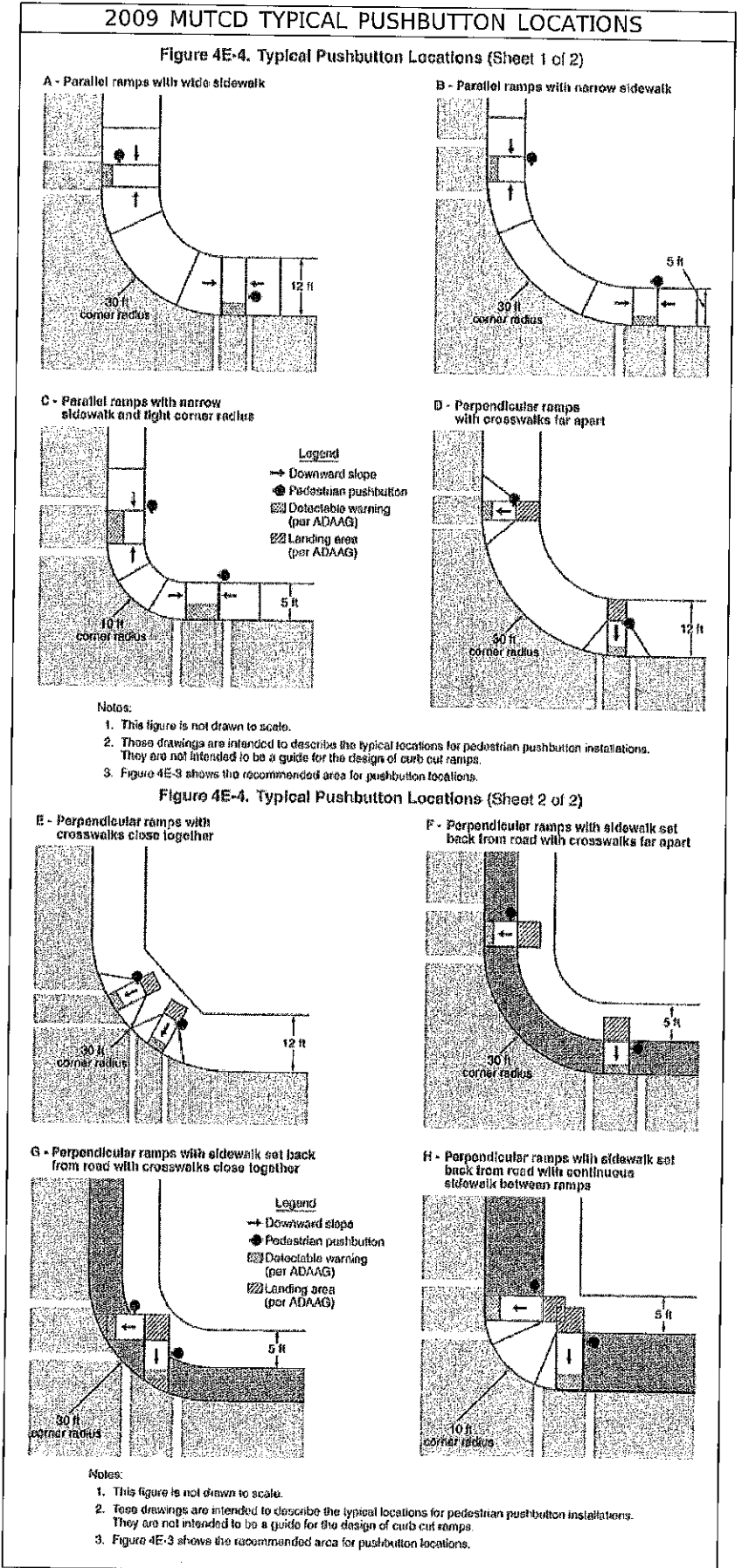
LEVELING NUT, STAINLESS STEEL X 4 - TO ALLOW WATER EGRESS (MAX. 1/4" GAP BETWEEN FLANGE AND CONCRETE FOUNDATION)

5/8"X12" GALVANIZED STEEL ANCHOR BOLT X 4 (6" BOLT CIRCLE)

CONCRETE FOUNDATION, 12" DIA. X 30"

TOP OF CURB/ SIDEWALK/ GRADE

42" MAX.  
30" MIN.



NOT TO SCALE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PEDESTRIAN PUSHBUTTON POST DETAIL

USER NAME = hansonlj	DESIGNED -	REVISED -
PLOT SCALE = 23.8272" / in.	DRAWN -	REVISED -
PLOT DATE = 3/19/2021	CHECKED -	REVISED -
	DATE -	REVISED -

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 MAST ARM REPLACEMENT 2021	PEORIA	40	40
CONTRACT NO. 68G54				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
FILE NAME: C:\common\gentranster - bureau\68G54 - Final Plans\68G54 - D4 Mast Arm Replacement 2021 FINAL 03-19-21.dgn