

**MAXIMUM WIDTH SIGN
LOCATIONS FOR THE
TOWN BROOK BRIDGE**

MAX WIDTH SIGN
DETAIL (TYPICAL)

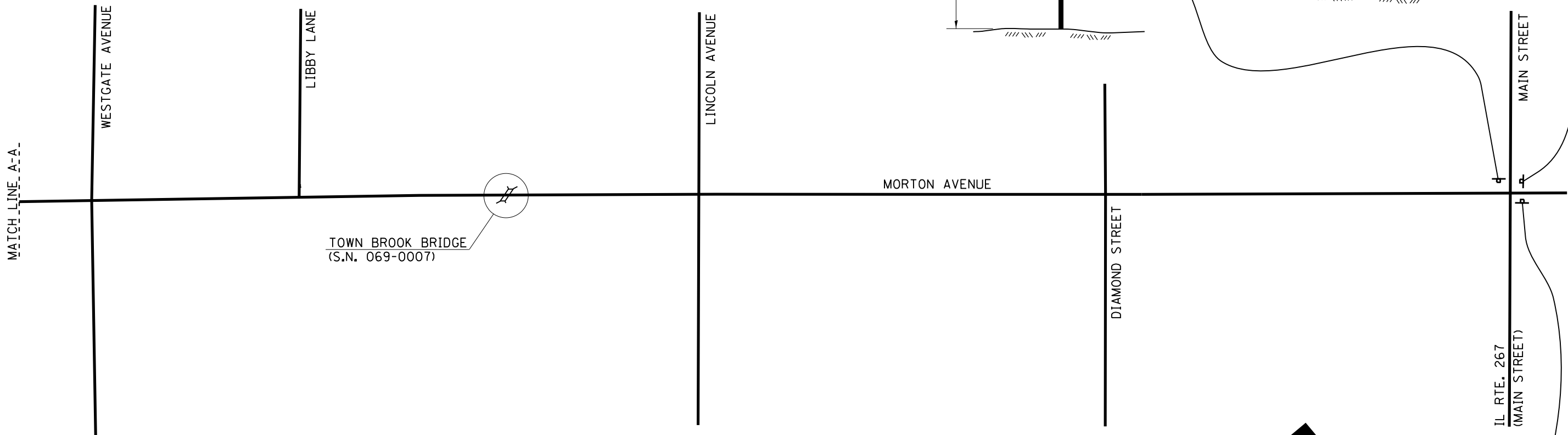
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Default	PLOT DATE = 1/28/2016	DATE - 7-18-2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

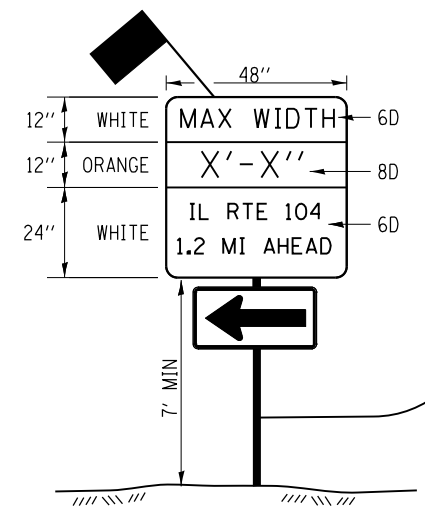
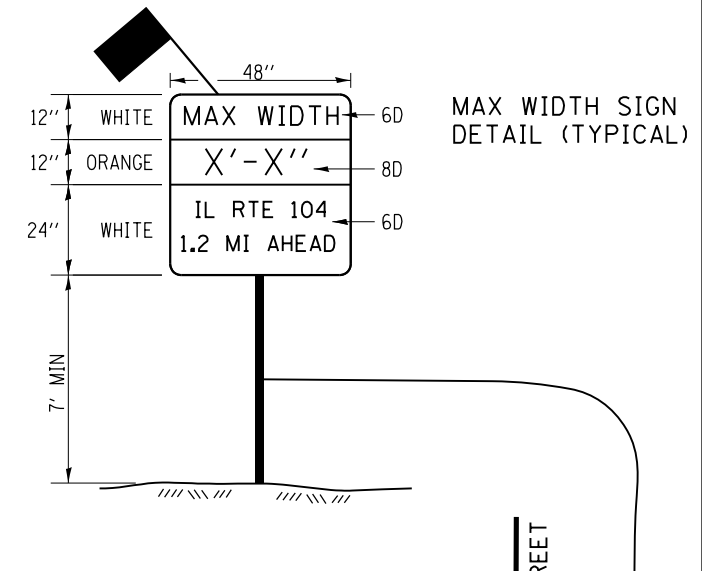
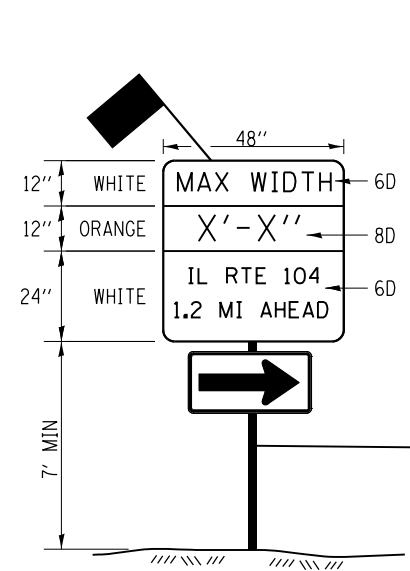
**MAX WIDTH SIGNING
TOWN BROOK BRIDGE**

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	..	MORGAN	366	201
CONTRACT NO. 72D21			ILLINOIS FED. AID PROJECT	



MAXIMUM WIDTH SIGN
LOCATIONS FOR THE
TOWN BROOK BRIDGE



MAX WIDTH SIGN
DETAIL (TYPICAL)

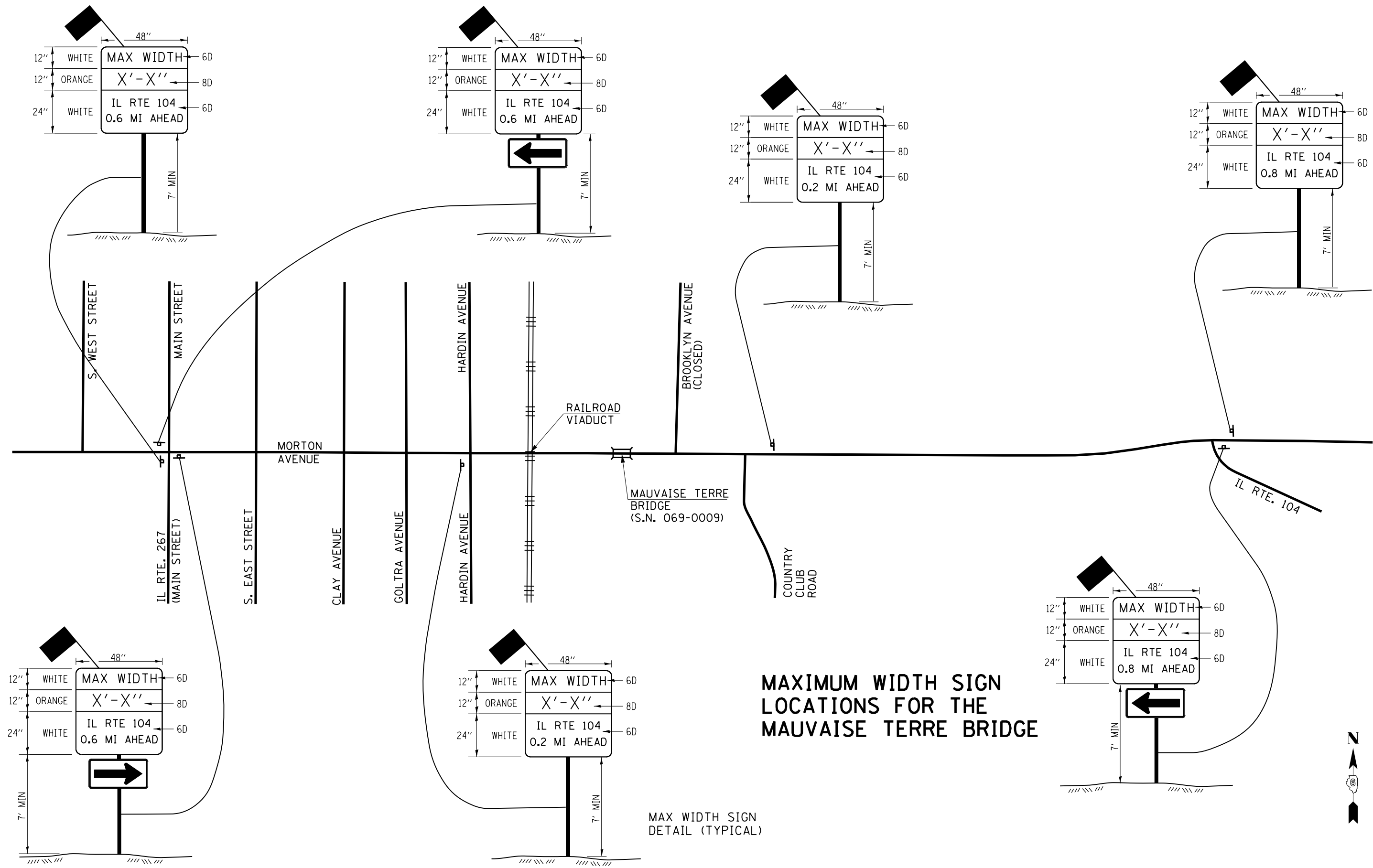
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Default	PLOT SCALE = 690.4542' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/28/2016	DATE - 7-18-2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAX WIDTH SIGNING
MAUVAISE TERRE BRIDGE

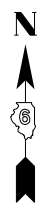
SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	..	MORGAN	366	202
CONTRACT NO. 72D21				
ILLINOIS FED. AID PROJECT				



**MAXIMUM WIDTH SIGN
LOCATIONS FOR THE
MAUVAISE TERRE BRIDGE**

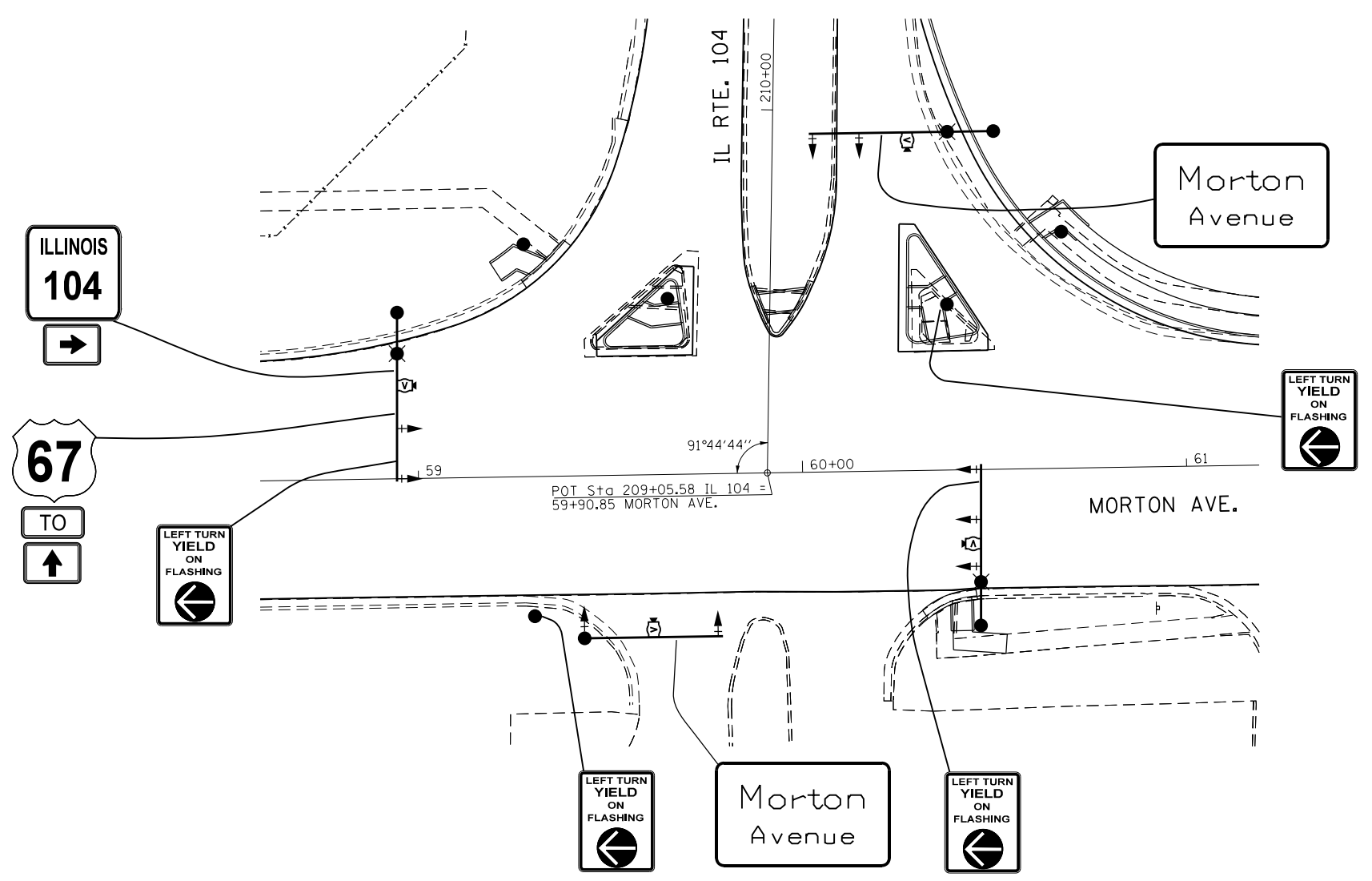
MAX WIDTH SIGN
DETAIL (TYPICAL)



FILE NAME =	USER NAME = Verenski,fa	DESIGNED - RTS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAX WIDTH SIGNING MAUVAISE TERRE BRIDGE			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 6\Projects\0672015\Drawings\0672015 Max Width.dgn		CHECKED -	REVISED -		SCALE:	SHEET 1	OF 1 SHEETS	STA.	TO STA.	MORGAN	366	203
Default	PLOT SCALE = 690.4542' / in.	DATE - 7-18-2015	REVISED -		CONTRACT NO. 72D21							
	PLOT DATE = 1/28/2016		REVISED -		ILLINOIS FED. AID PROJECT							



LEGEND	
● —————	= PROPOSED MAST ARM POLE WITH MAST ARM
●	= PROPOSED SIGNAL POST

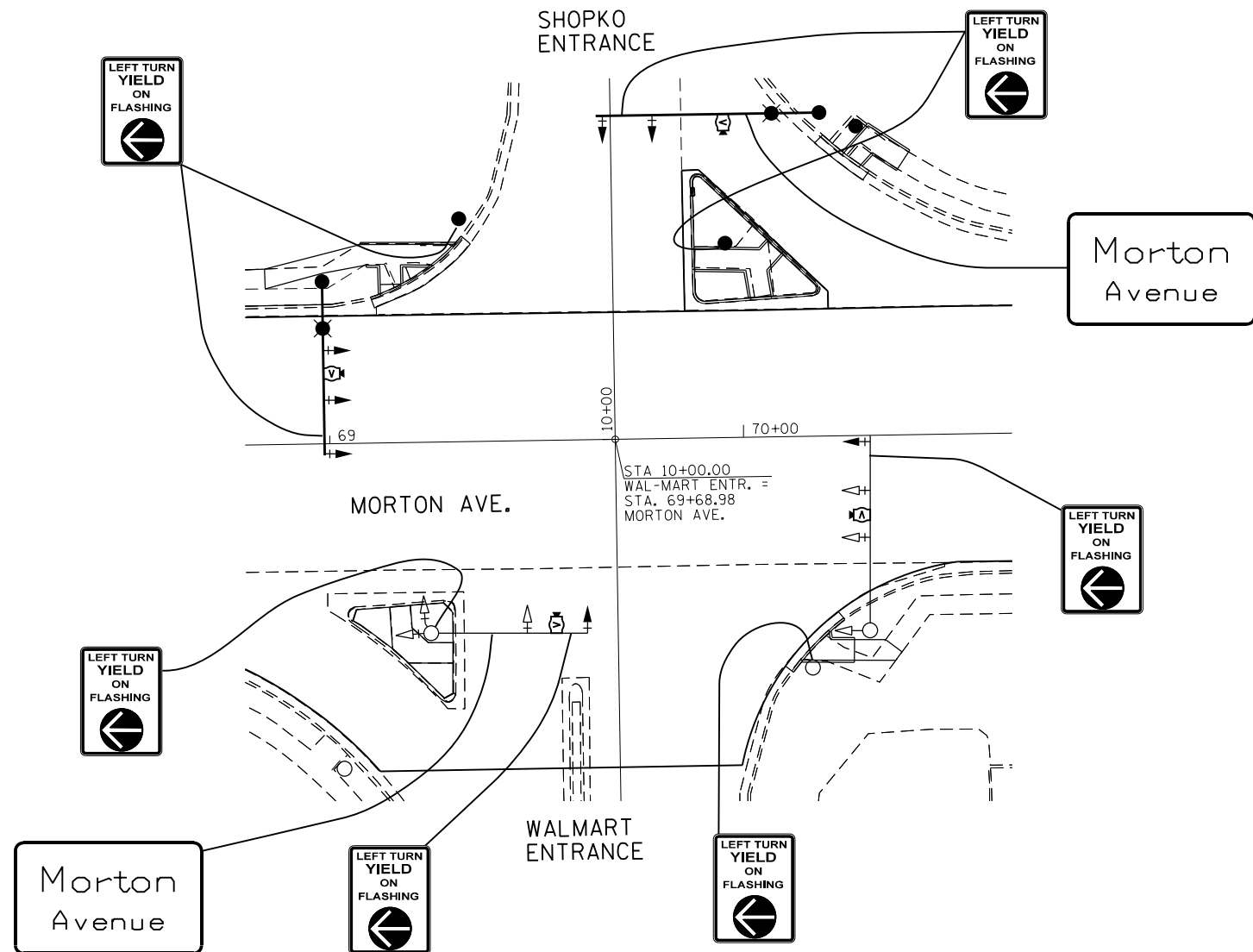


Morton Avenue @ IL Rte. 104 Mast Arm Sign Removal Schedule				
Intersecting Street	Quadrant	Direction Sign Facing	Sign to be Removed	Remove Sign Panel Type 2
				Sq Ft
IL 104	NW	North	Morton	15
IL 104	NW	South	Morton	15
TOTALS				30

- NOTES:
- PROPOSED SIGNS SHOWN ARE NOT TO SCALE.
 - ALL DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE SHOWN.
 - REFER TO HIGHWAY STANDARD 720016, MAST ARM MOUNTED STREET NAME SIGNS.
 - ALL SIGN PANELS SHALL BE FABRICATED WITH TYPE ZZ SHEETING.
 - TRAFFIC SIGNAL MAST ARM ASSEMBLIES SHALL BE DESIGNED FOR THE LOADINGS SHOWN ON HIGHWAY STANDARDS OR THESE SIGNAL PLANS, WHICHEVER IS GREATER.

Morton Avenue @ IL Rte. 104 Sign Installation Schedule					
Quadrant	Direction Sign Facing	Proposed Sign	Sign Panel, Type 1	Sign Panel, Type 2	Mounting
			Sq Ft	Sq Ft	
NW	East	TO (M4-5 24x12), US 67 (M1-4 24x24), UP ARROW (M6-3 21x15)	9		Mast Arm
NW	East	IL 104 (M1-I100 30x24), RIGHT ARROW (M6-1 21x15)	8		Mast Arm
NW	East	Flashing Yellow Arrow	6		Mast Arm
SW	East	Flashing Yellow Arrow	6		Signal Pole
SW	North	Morton Avenue		15	Mast Arm
NE	South	Morton Avenue		15	Mast Arm
SE	West	Flashing Yellow Arrow	6		Mast Arm
SE	West	IL 104 (M1-I100 30x24), LEFT ARROW (M6-1 21x15)	8		Mast Arm
NE	West	Flashing Yellow Arrow	6		Signal Pole
Totals:			49	30	

FUNDING FOR THIS INTERSECTION (IL RTE. 104 / MORTON AVE.) IS:
TRAFFIC SIGNALS
90% FEDERAL / 10% STATE



FUNDING FOR THIS INTERSECTION
(MORTON AVE. / SHOPKO & WALMART) IS:
TRAFFIC SIGNALS
90% FEDERAL / 10% LOCAL

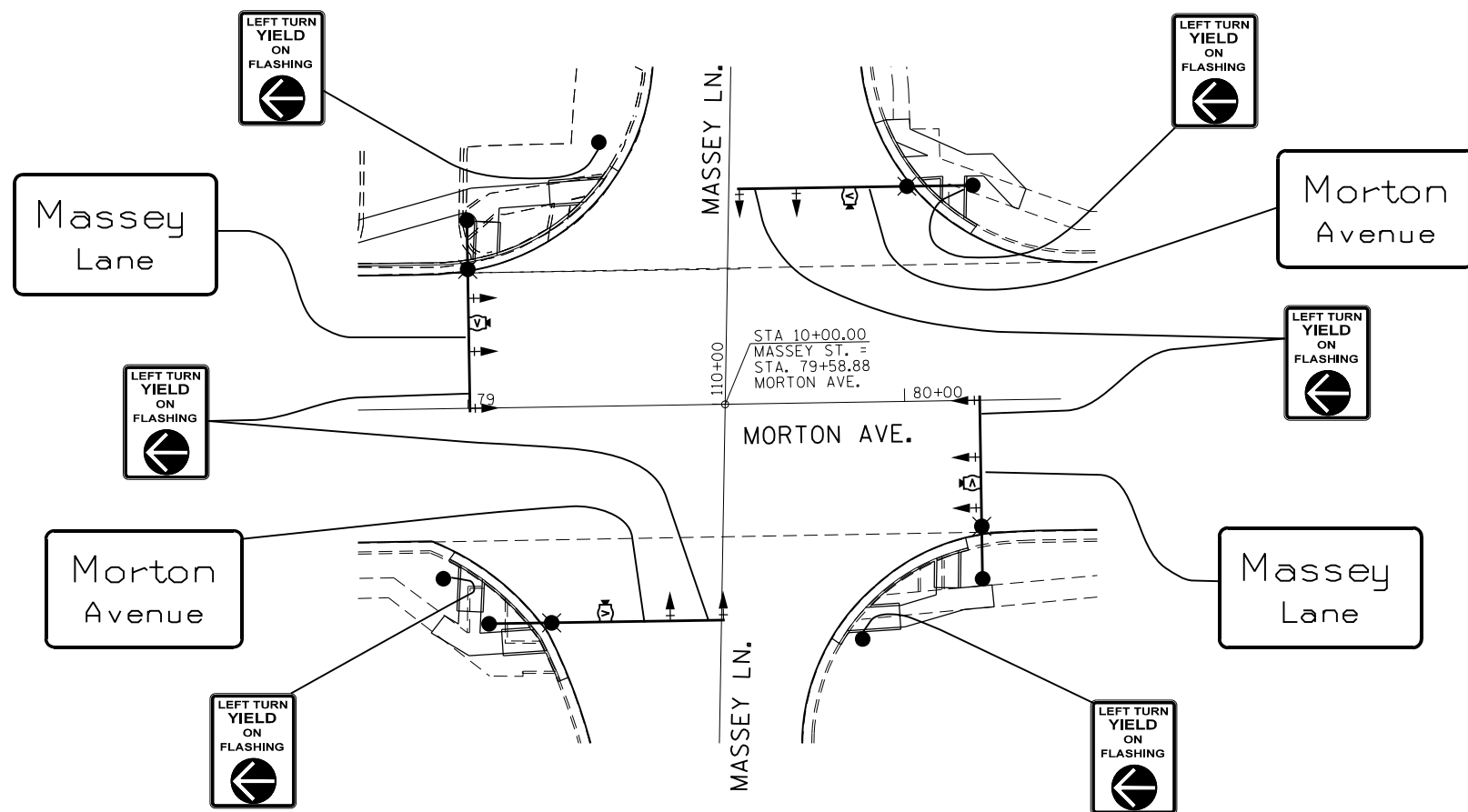


LEGEND

- = PROPOSED MAST ARM POLE WITH MAST ARM
- = PROPOSED SIGNAL POST
- = EXISTING MAST ARM POLE WITH MAST ARM
- = EXISTING SIGNAL POST

Morton Avenue @ Walmart and Shopko Entrances Sign Installation Schedule					
Quadrant	Direction Sign Facing	Proposed Sign	Sign Panel, Type 1	Sign Panel, Type 2	Mounting
			Sq Ft	Sq Ft	
NW	East	Flashing Yellow Arrow	6		Mast Arm
SW	East	Flashing Yellow Arrow	6		Mast Pole
SW	North	Flashing Yellow Arrow	6		Mast Arm
SW	North	Morton Avenue		15	Mast Arm
SE	North	Flashing Yellow Arrow	6		Signal Pole
NE	South	Flashing Yellow Arrow	6		Mast Arm
NE	South	Morton Avenue		15	Mast Arm
NW	South	Flashing Yellow Arrow	6		Signal Pole
SE	West	Flashing Yellow Arrow	6		Mast Arm
NE	West	Flashing Yellow Arrow	6		Signal Pole
Totals:			48	30	

- NOTES:**
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 - REFER TO HIGHWAY STANDARD 720016, MAST ARM MOUNTED STREET NAME SIGNS.
 - ALL SIGN PANELS SHALL BE FABRICATED WITH TYPE ZZ SHEETING.
 - TRAFFIC SIGNAL MAST ARM ASSEMBLIES SHALL BE DESIGNED FOR THE LOADINGS SHOWN ON HIGHWAY STANDARDS OR THESE SIGNAL PLANS, WHICHEVER IS GREATER.



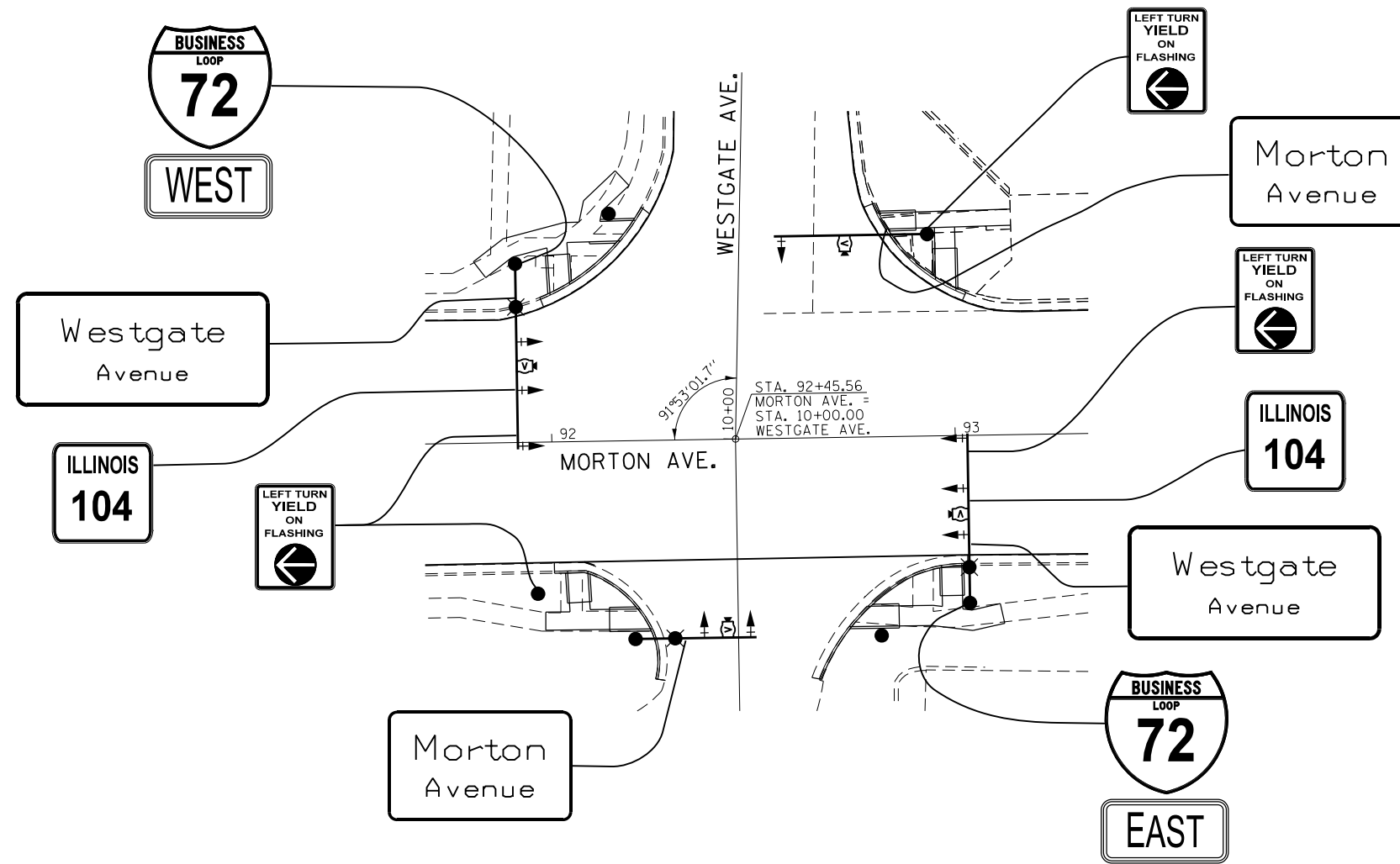
LEGEND	
—●—	= PROPOSED MAST ARM POLE WITH MAST ARM
●	= PROPOSED SIGNAL POST

Morton Ave @ Massey Ln. Mast Arm Sign Removal Schedule				
Intersecting Street	Quadrant	Direction Sign Facing	Sign to be Removed	Remove Sign Panel Type 2
				Sq Ft
Massey Lane	NW	West	Massey	15
Massey Lane	SE	East	Massey	15
Massey Lane	NE	South	Morton	15
Massey Lane	SW	North	Morton	15
TOTALS				60

Morton Avenue @ Massey Lane Sign Installation Schedule						
Quadrant	Direction Sign Facing	Proposed Sign	Sign Panel, Type 1	Sign Panel, Type 2	Temporary Sign Panel Assembly, Type A	Mounting
			Sq Ft	Sq Ft	Sq Ft	
NE	South	Morton Avenue		15		Mast Arm
NE	South	Flashing Yellow Arrow	6			Mast Arm
NE	West	Flashing Yellow Arrow	6			Mast Pole
NW	East	Massey Lane		15		Mast Arm
NW	East	Flashing Yellow Arrow	6			Mast Arm
NW	South	Flashing Yellow Arrow	6			Signal Post
NW	East	BUS 72 & West IL 104			6	Temp Sign Support
SE	North	Flashing Yellow Arrow	6			Signal Post
SE	West	Massey Lane		15		Mast Arm
SE	West	Flashing Yellow Arrow	6			Mast Arm
SE	West	BUS 72 & East IL 104			6	Temp Sign Support
SW	East	Flashing Yellow Arrow	6			Signal Post
SW	North	Morton Avenue		15		Mast Arm
SW	North	Flashing Yellow Arrow	6			Mast Arm
Totals:			48	60	12	

- NOTES:
- PROPOSED SIGNS SHOWN ARE NOT TO SCALE.
 - ALL DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE SHOWN.
 - REFER TO HIGHWAY STANDARD 720016, MAST ARM MOUNTED STREET NAME SIGNS.
 - ALL SIGN PANELS SHALL BE FABRICATED WITH TYPE ZZ SHEETING.
 - TRAFFIC SIGNAL MAST ARM ASSEMBLIES SHALL BE DESIGNED FOR THE LOADINGS SHOWN ON HIGHWAY STANDARDS OR THESE SIGNAL PLANS, WHICHEVER IS GREATER.

FUNDING FOR THIS INTERSECTION (MORTON AVE. / MASSEY LANE) IS:
 TRAFFIC SIGNALS
 90% FEDERAL / 5% STATE / 5% LOCAL



LEGEND

—●— = PROPOSED MAST ARM POLE WITH MAST ARM

● = PROPOSED SIGNAL POST

- NOTES:
- PROPOSED SIGNS SHOWN ARE NOT TO SCALE.
 - ALL DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE SHOWN.
 - REFER TO HIGHWAY STANDARD 720016, MAST ARM MOUNTED STREET NAME SIGNS.
 - ALL SIGN PANELS SHALL BE FABRICATED WITH TYPE ZZ SHEETING.
 - TRAFFIC SIGNAL MAST ARM ASSEMBLIES SHALL BE DESIGNED FOR THE LOADINGS SHOWN ON HIGHWAY STANDARDS OR THESE SIGNAL PLANS, WHICHEVER IS GREATER.

FUNDING FOR THIS INTERSECTION (MORTON AVE. / WESTGATE AVE.) IS:
 TRAFFIC SIGNALS
 90% FEDERAL / 5% STATE / 5% LOCAL

FOR THE MORTON AVE./WESTGATE AVE. INTERSECTION
 SIGN SCHEDULES, SEE NEXT SHEET.

FILE NAME =	USER NAME = Verenskifa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGN PANEL DETAILS WESTGATE AVENUE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 6\Projects\0672015\Drawings\0672015\0672015 Signs.dgn	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			•	••	MORGAN	366	207	
Default	PLOT DATE = 1/28/2016	DATE - 7-23-2015	REVISED -			CONTRACT NO. 72D21		ILLINOIS FED. AID PROJECT			
SCALE:		SHEET 4 OF 25 SHEETS				STA. TO STA.					

•- 310A, 753
 ••- 23BR, RS6, TS-5; 33BR-1, RS4, TS-2

Morton Ave. @ Westgate Ave. Mast Arm Sign Removal Schedule						
Intersecting Street	Quadrant	Direction Sign Facing	Sign to be Removed	Remove Sign Panel Type 1	Remove Sign Panel Type 2	Remove Sign Assembly Type A
				Sq Ft	Sq Ft	Each
Westgate Ave	NW	East	Westgate		15	
Westgate Ave	NW	East	BUS 72	3		
Westgate Ave	NW	East	WEST IL 104			1
Westgate Ave	SE	West	Westgate		15	
Westgate Ave	SE	West	BUS 72	3		
Westgate Ave	SE	West	EAST IL 104			1
Westgate Ave	SW	North	Morton		15	
TOTALS				6	45	2

- SIGNS ARE TO BE REMOVED AND TEMPORARILY RELOCATED TO MORTON AND MASSEY WHILE TEMP. SIGNALS ARE OPERATIONAL.

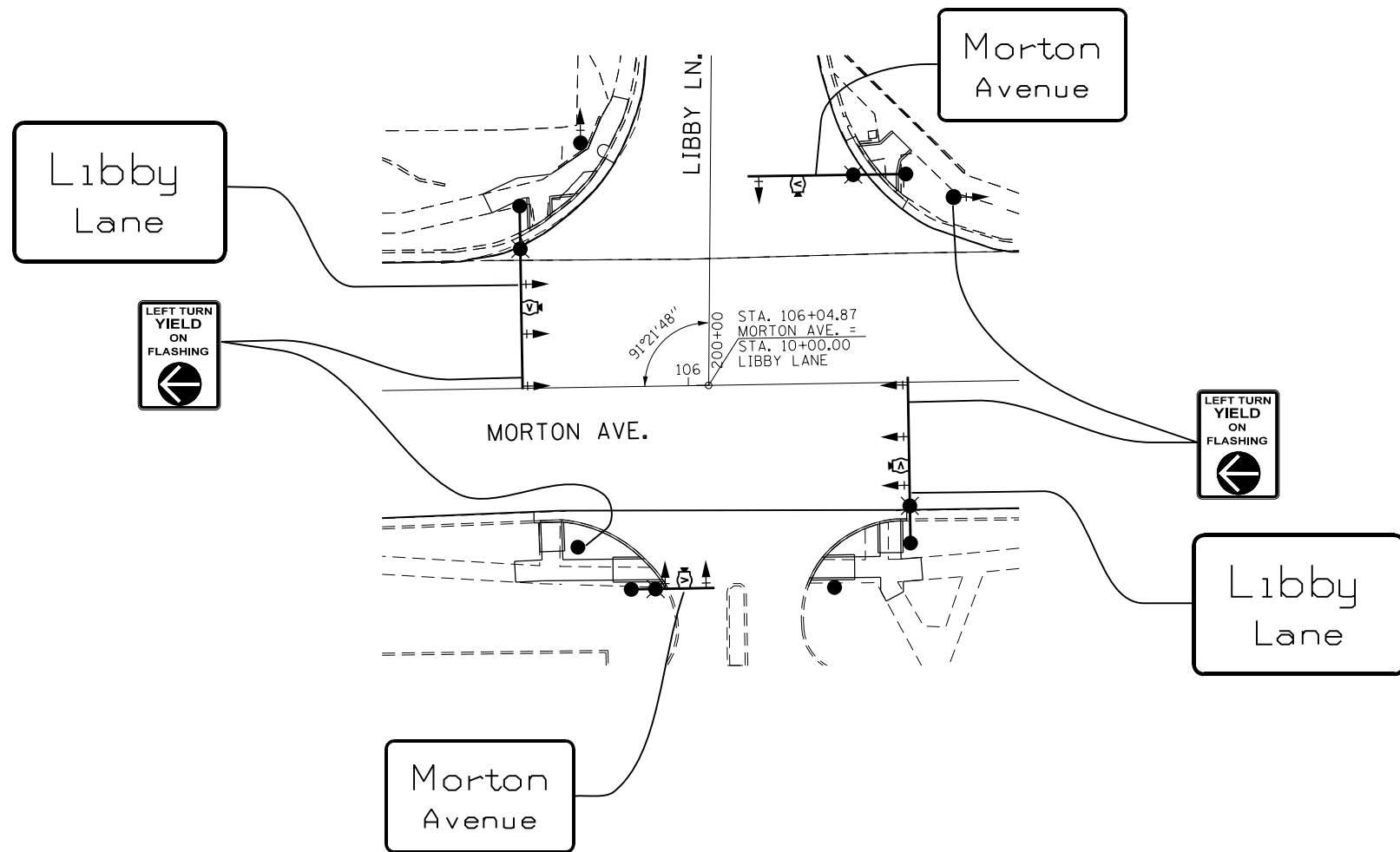
SIGNS SHALL BE ERECTED ON TEMPORARY SIGN SUPPORT +/- 200 FT AFTER THE INTERSECTION. THE EXACT LOCATION IS TO BE COORDINATED WITH THE ENGINEER.

THIS WORK WILL BE PAID FOR AS TEMPORARY SIGN PANEL ASSEMBLY, TYPE A AND WILL BE MEASURED FOR PAYMENT IN SQ FT.

Morton Avenue @ Westgate Ave Sign Installation Schedule					
Quadrant	Direction Sign Facing	Proposed Sign	Sign Panel, Type 1	Sign Panel, Type 2	Mounting
			Sq Ft	Sq Ft	
NE	South	Morton Avenue		15	Mast Arm
NE	West	Flashing Yellow Arrow	6		Mast Post
NW	East	Westgate Avenue		14	Mast Arm
NW	East	IL 104 (M1-I100 30x24)	5		Mast Arm
NW	East	Flashing Yellow Arrow	6		Mast Arm
NW	East	BUS 72 (M1-2 (24x24), WEST (M3-4 21x12)	6		Mast Pole
SE	West	Westgate Avenue		14	Mast Arm
SE	West	IL 104 (M1-I100 30x24)	5		Mast Arm
SE	West	Flashing Yellow Arrow	6		Mast Arm
SE	West	BUS 72 (M1-2 (24x24), EAST (M3-2 21x12)	6		Mast Pole
SW	East	Flashing Yellow Arrow	6		Signal Post
SW	North	Morton Avenue		15	Mast Arm
TOTALS:			46	58	

-- 310A, 753
 ••- 23BR, RS6, TS-5; 33BR-1, RS4, TS-2

FILE NAME =	USER NAME = Verenskifa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGN PANEL DETAILS WESTGATE AVENUE (CONT.)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT DATE = 1/28/2016	DATE - 7-23-2015	REVISED -		SCALE:	SHEET 5	OF 25 SHEETS	STA.	TO STA.	CONTRACT NO. 72D21		
ILLINOIS FED. AID PROJECT												



Intersecting Street	Quadrant	Direction Sign Facing	Sign to be Removed	Remove Sign Panel Type 2
				Sq Ft
Libby Lane	NW	East	Libby Lane	15
Libby Lane	SE	West	Libby Lane	15
TOTALS				30

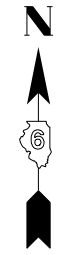
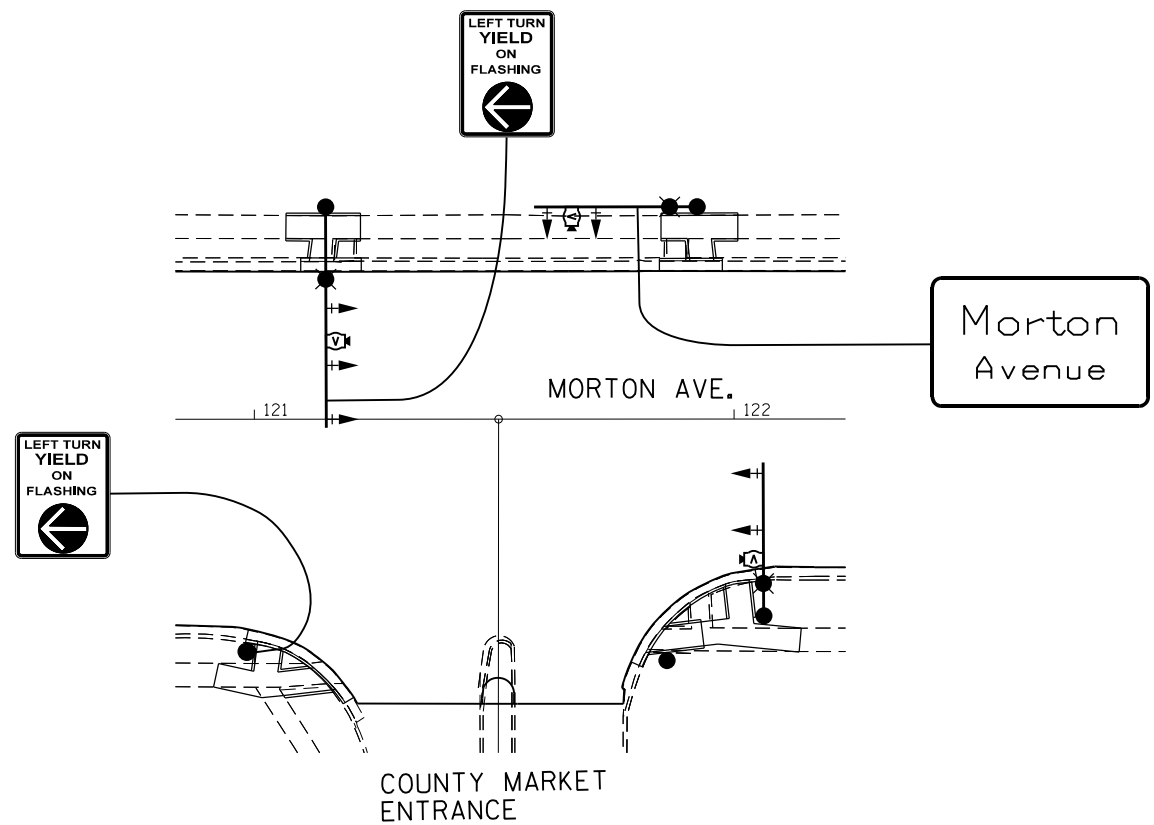


	= PROPOSED MAST ARM POLE WITH MAST ARM
	= PROPOSED SIGNAL POST

- NOTES:
- PROPOSED SIGNS SHOWN ARE NOT TO SCALE.
 - ALL DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE SHOWN.
 - REFER TO HIGHWAY STANDARD 720016, MAST ARM MOUNTED STREET NAME SIGNS.
 - ALL SIGN PANELS SHALL BE FABRICATED WITH TYPE ZZ SHEETING.
 - TRAFFIC SIGNAL MAST ARM ASSEMBLIES SHALL BE DESIGNED FOR THE LOADINGS SHOWN ON HIGHWAY STANDARDS OR THESE SIGNAL PLANS, WHICHEVER IS GREATER.

Quadrant	Direction Sign Facing	Proposed Sign	Sign Panel, Type 1	Sign Panel, Type 2	Mounting
			Sq Ft	Sq Ft	
NE	South	Morton Avenue		15	Mast Arm
NE	West	Flashing Yellow Arrow	6		Signal Post
NW	East	Libby Lane		14	Mast Arm
NW	East	Flashing Yellow Arrow	6		Mast Arm
SE	West	Libby Lane		14	Mast Arm
SE	West	Flashing Yellow Arrow	6		Mast Arm
SW	East	Flashing Yellow Arrow	6		Signal Post
SW	North	Morton Avenue		15	Mast Arm
Totals:			24	58	

FUNDING FOR THIS INTERSECTION (MORTON AVE. / LIBBY LANE) IS:
 TRAFFIC SIGNALS
 90% FEDERAL / 5% STATE / 5% LOCAL



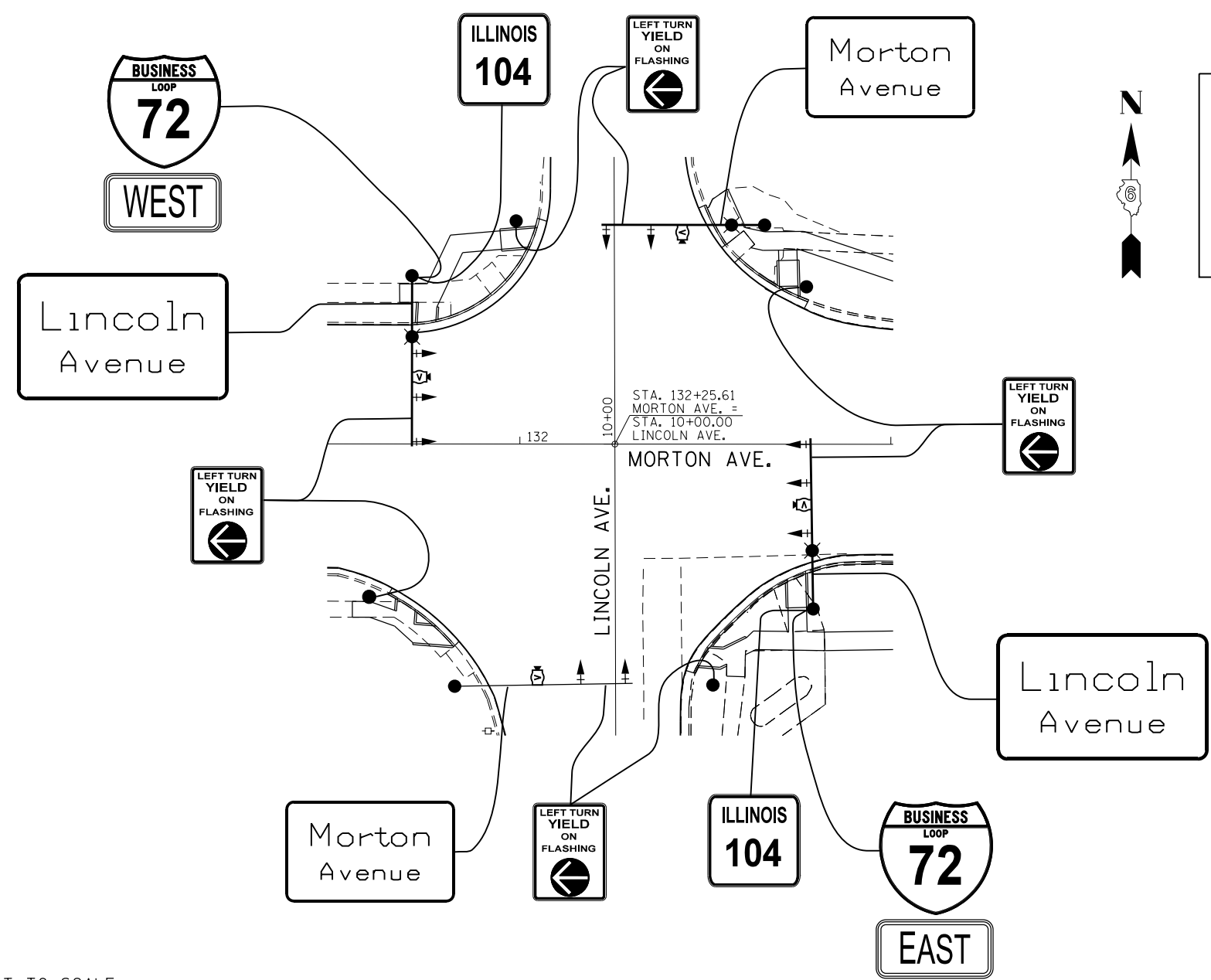
LEGEND	
	= PROPOSED MAST ARM POLE WITH MAST ARM
	= PROPOSED SIGNAL POST

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Morton Avenue @ County Market Entrance Sign Installation Schedule					
Quadrant	Direction Facing	Proposed Sign	Sign Panel, Type 1	Sign Panel, Type 2	Mounting
			Sq Ft	Sq Ft	
NE	South	Morton Avenue		15	Mast Arm
NW	East	Flashing Yellow Arrow	6		Mast Arm
SW	East	Flashing Yellow Arrow	6		Signal Post
Totals:			12	15	

FUNDING FOR THIS INTERSECTION (MORTON AVE. / COUNTY MARKET ENTRANCE) IS:
 TRAFFIC SIGNALS
 90% FEDERAL / 10% LOCAL

-- 310A, 753
 -- 23BR, RS6, TS-5; 33BR-1, RS4, TS-2



LEGEND

● — = PROPOSED MAST ARM POLE WITH MAST ARM

● = PROPOSED SIGNAL POST

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FOR THE MORTON AVE./LINCOLN AVE. INTERSECTION SIGN SCHEDULES, SEE NEXT SHEET.

FUNDING FOR THIS INTERSECTION (MORTON AVE. / LINCOLN AVE.) IS:
 TRAFFIC SIGNALS
 90% FEDERAL / 5% STATE / 5% LOCAL

FILE NAME =	USER NAME = Verenskif	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGN PANEL DETAILS LINCOLN AVENUE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG.illinois.gov\PIDOT\Documents\DOT Offices\District 6\Projects\0672015\Drawings\0672015 Signs.dgn	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -			•	••	MORGAN	366	211	
Default	PLOT DATE = 1/28/2016	DATE - 7-23-2015	REVISED -			SCALE: SHEET 8 OF 25 SHEETS STA. TO STA.		CONTRACT NO. 72D21			
						ILLINOIS FED. AID PROJECT					

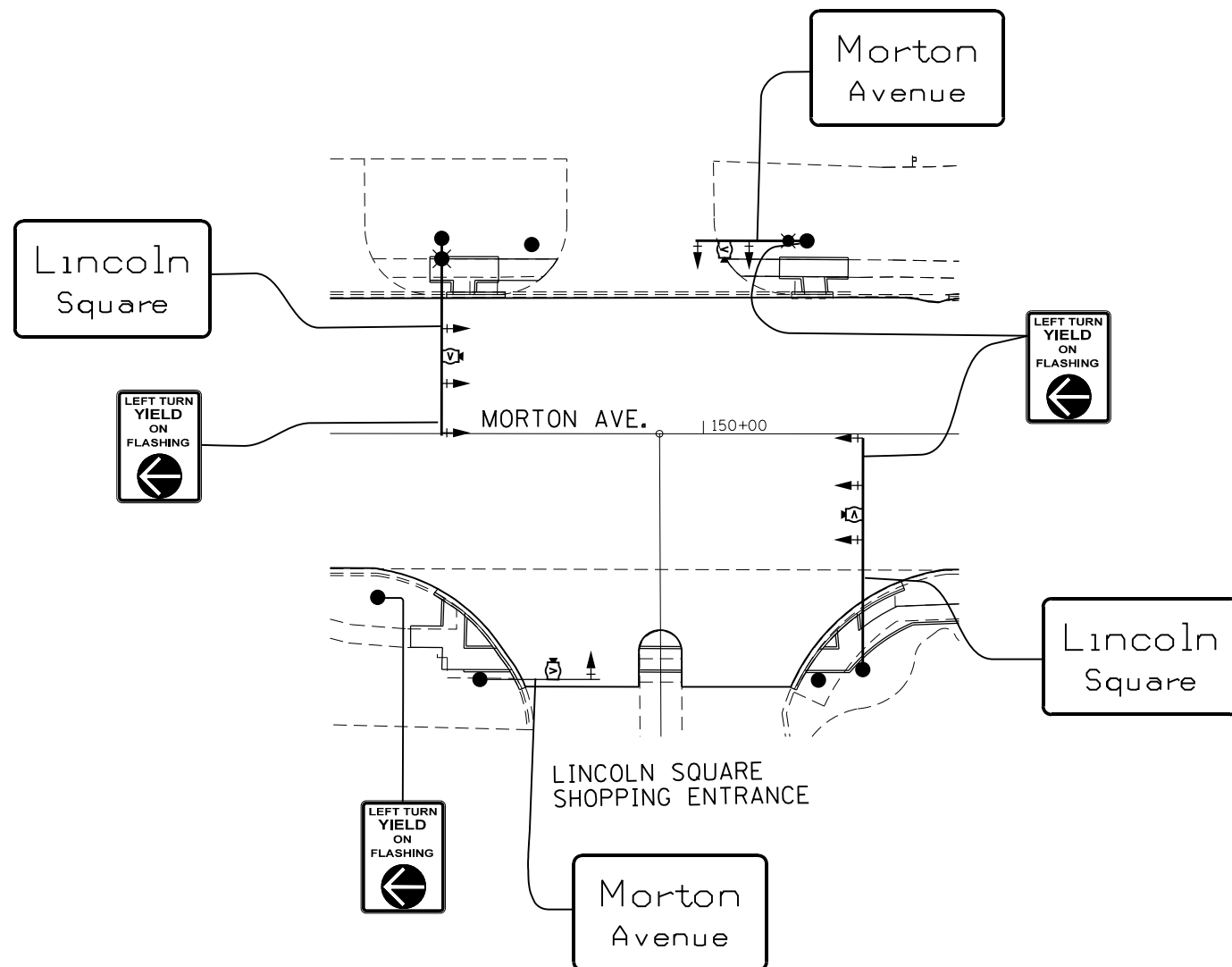
•- 310A, 753
 ••- 23BR, RS6, TS-5; 33BR-1, RS4, TS-2

Morton Avenue @ Lincoln Ave. Mast Arm Sign Removal Schedule						
Intersecting Street	Quadrant	Direction Sign Facing	Sign to be Removed	Remove Sign Panel Type 1	Remove Sign Panel Type 2	Remove Sign Assembly Type A
				Sq Ft	Sq Ft	Each
Lincoln Avenue	NW	East	Lincoln St		15	
Lincoln Avenue	NW	East	BUS 72	3		
Lincoln Avenue	NW	East	WEST IL 104			1
Lincoln Avenue	SE	West	Lincoln St		15	
Lincoln Avenue	SE	West	BUS 72	3		
Lincoln Avenue	SE	West	EAST IL 104			1
Lincoln Avenue	NE	South	Morton Ave		15	
Lincoln Avenue	SW	North	Morton Ave		15	
Lincoln Avenue	NE	West	Illinois College	6		
Lincoln Avenue	SW	East	Illinois College	6		
TOTALS				18	60	2

* SIGNS ARE TO BE REMOVED AND TEMPORARILY RELOCATED WHILE TEMPORARY SIGNALS ARE OPERATIONAL.
 SIGNS SHALL BE ERECTED ON TEMPORARY SIGN SUPPORT +/-200 FT AFTER THE INTERSECTION. THE EXACT LOCATION IS TO BE COORDINATED WITH THE ENGINEER.
 THIS WORK WILL BE PAID FOR AS TEMPORARY SIGN PANEL ASSEMBLY, TYPE A AND WILL BE MEASURED FOR PAYMENT IN SQ FT.




Morton Avenue @ Lincoln Ave Sign Installation Schedule						
Quadrant	Direction Sign Facing	Proposed Sign	Sign Panel, Type 1	Sign Panel, Type 2	Temporary Sign Panel Assmebly, Type A	Mounting
			Sq Ft	Sq Ft	Sq Ft	
NE	South	Morton Avenue		15		Mast Arm
NE	South	Flashing Yellow Arrow	6			Mast Arm
NE	West	Flashing Yellow Arrow	6			Signal Post
NW	East	Lincoln Avenue		15		Mast Arm
NW	East	Flashing Yellow Arrow	6			Mast Arm
NW	East	BUS 72 (M1-2 (24x24), WEST (M3-4 21x12)	6			Mast Pole
NW	East	IL 104 (M1-I100 30x24)	5			Mast Pole
NW	East	BUS I-72 & West IL 104			6	Temp Sign Support
NW	South	Flashing Yellow Arrow	6			Signal Post
SE	North	Flashing Yellow Arrow	6			Signal Post
SE	West	Lincoln Avenue		15		Mast Arm
SE	West	Flashing Yellow Arrow	6			Mast Arm
SE	West	BUS 72 (M1-2 (24x24), EAST (M3-2 21x12)	6			Mast Pole
SE	West	IL 104 (M1-I100 30x24)	5			Mast Pole
SE	West	BUS I-72 & East IL 104			6	Temp Sign Support
SW	East	Flashing Yellow Arrow	6			Signal Post
SW	North	Morton Avenue		15		Mast Arm
SW	North	Flashing Yellow Arrow	6			Mast Arm
Totals:			70	60	12	

-- 310A, 753
 -- 23BR, RS6, TS-5; 33BR-1, RS4, TS-2



Intersecting Street	Quadrant	Direction Sign Facing	Sign to be Removed	Remove Sign Panel Type 2
				Sq Ft
Lincoln Square	NW	East	Lincoln Sq	15
Lincoln Square	SE	West	Lincoln Sq	15
TOTALS				30

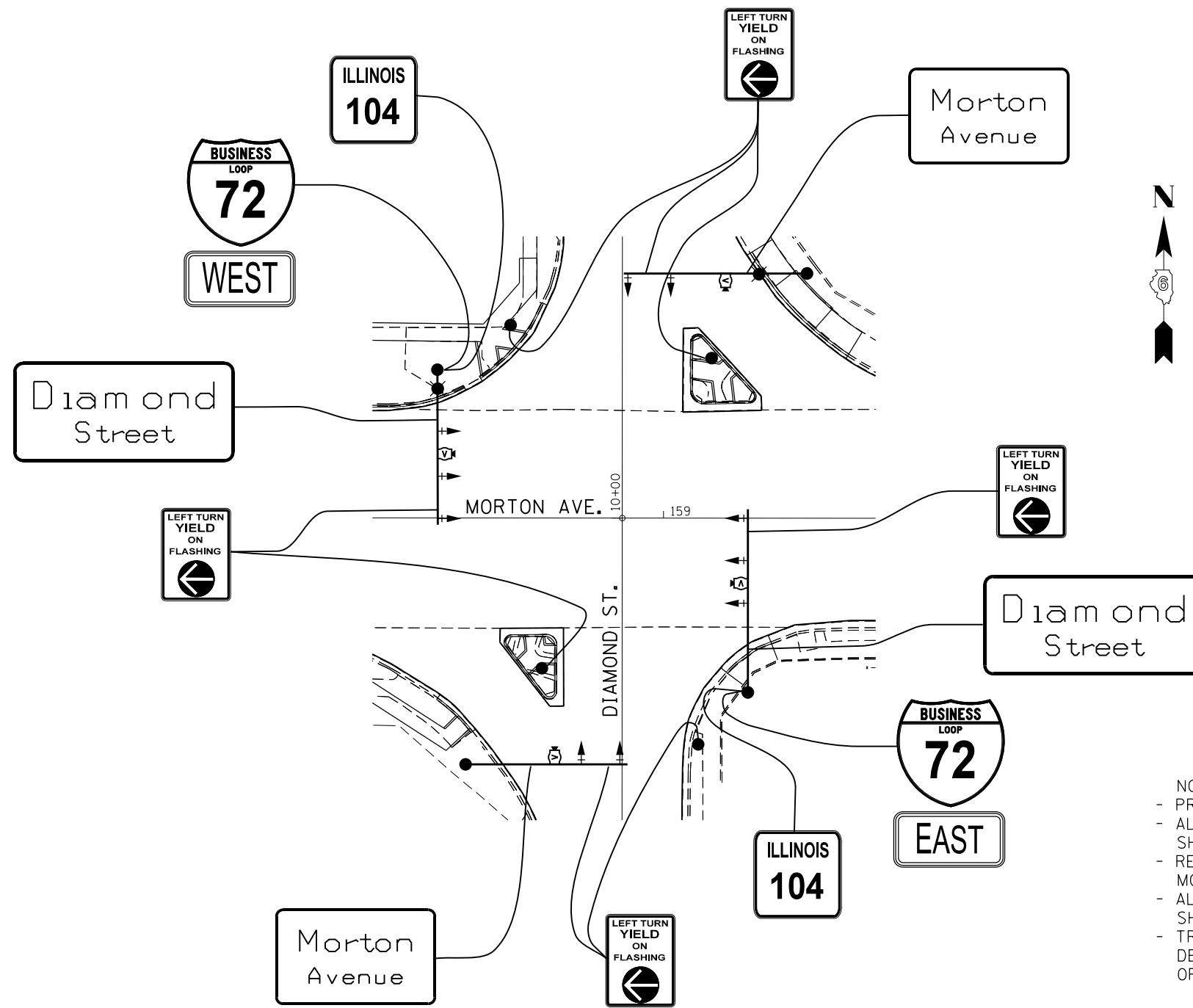
LEGEND


 = PROPOSED MAST ARM POLE WITH MAST ARM
 = PROPOSED SIGNAL POST

- NOTES:
- PROPOSED SIGNS SHOWN ARE NOT TO SCALE.
 - ALL DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE SHOWN.
 - REFER TO HIGHWAY STANDARD 720016, MAST ARM MOUNTED STREET NAME SIGNS.
 - ALL SIGN PANELS SHALL BE FABRICATED WITH TYPE ZZ SHEETING.
 - TRAFFIC SIGNAL MAST ARM ASSEMBLIES SHALL BE DESIGNED FOR THE LOADINGS SHOWN ON HIGHWAY STANDARDS OR THESE SIGNAL PLANS, WHICHEVER IS GREATER.

Quadrant	Direction Sign Facing	Proposed Sign	Sign Panel, Type 1	Sign Panel, Type 2	Mounting
			Sq Ft	Sq Ft	
NW	East	Lincoln Square		15	Mast Arm
NW	East	Flashing Yellow Arrow	6		Mast Arm
SW	East	Flashing Yellow Arrow	6		Signal Post
NE	North	Morton Avenue		15	Mast Arm
SW	South	Morton Avenue		15	Mast Arm
SE	West	Lincoln Square		15	Mast Arm
SE	West	Flashing Yellow Arrow	6		Mast Arm
NE	West	Flashing Yellow Arrow	6		Mast Post
Totals:			24	60	

FUNDING FOR THIS INTERSECTION (MORTON AVE. / LINCON SQUARE SHOPPING ENTRANCE) IS:
 TRAFFIC SIGNALS
 90% FEDERAL / 10% LOCAL



LEGEND

- = PROPOSED MAST ARM POLE WITH MAST ARM
- = PROPOSED SIGNAL POST

- NOTES:**
- PROPOSED SIGNS SHOWN ARE NOT TO SCALE.
 - ALL DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE SHOWN.
 - REFER TO HIGHWAY STANDARD 720016, MAST ARM MOUNTED STREET NAME SIGNS.
 - ALL SIGN PANELS SHALL BE FABRICATED WITH TYPE ZZ SHEETING.
 - TRAFFIC SIGNAL MAST ARM ASSEMBLIES SHALL BE DESIGNED FOR THE LOADINGS SHOWN ON HIGHWAY STANDARDS OR THESE SIGNAL PLANS, WHICHEVER IS GREATER.

FOR THE MORTON AVE./DIAMOND ST. INTERSECTION
SIGN SCHEDULES, SEE NEXT SHEET.

FUNDING FOR THIS INTERSECTION
(MORTON AVE. / DIAMOND STREET) IS:
TRAFFIC SIGNALS
90% FEDERAL / 5% STATE / 5% LOCAL

FILE NAME =	USER NAME = Verenskif	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 6\Projects\0672015\Drawings\0672015 Signs.dgn		CHECKED -	REVISED -
Default	PLOT DATE = 1/28/2016	DATE - 7-23-2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIGN PANEL DETAILS
DIAMOND STREET**

SCALE: SHEET 11 OF 25 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	MORGAN	366	214
			CONTRACT NO. 72D21	
ILLINOIS FED. AID PROJECT				

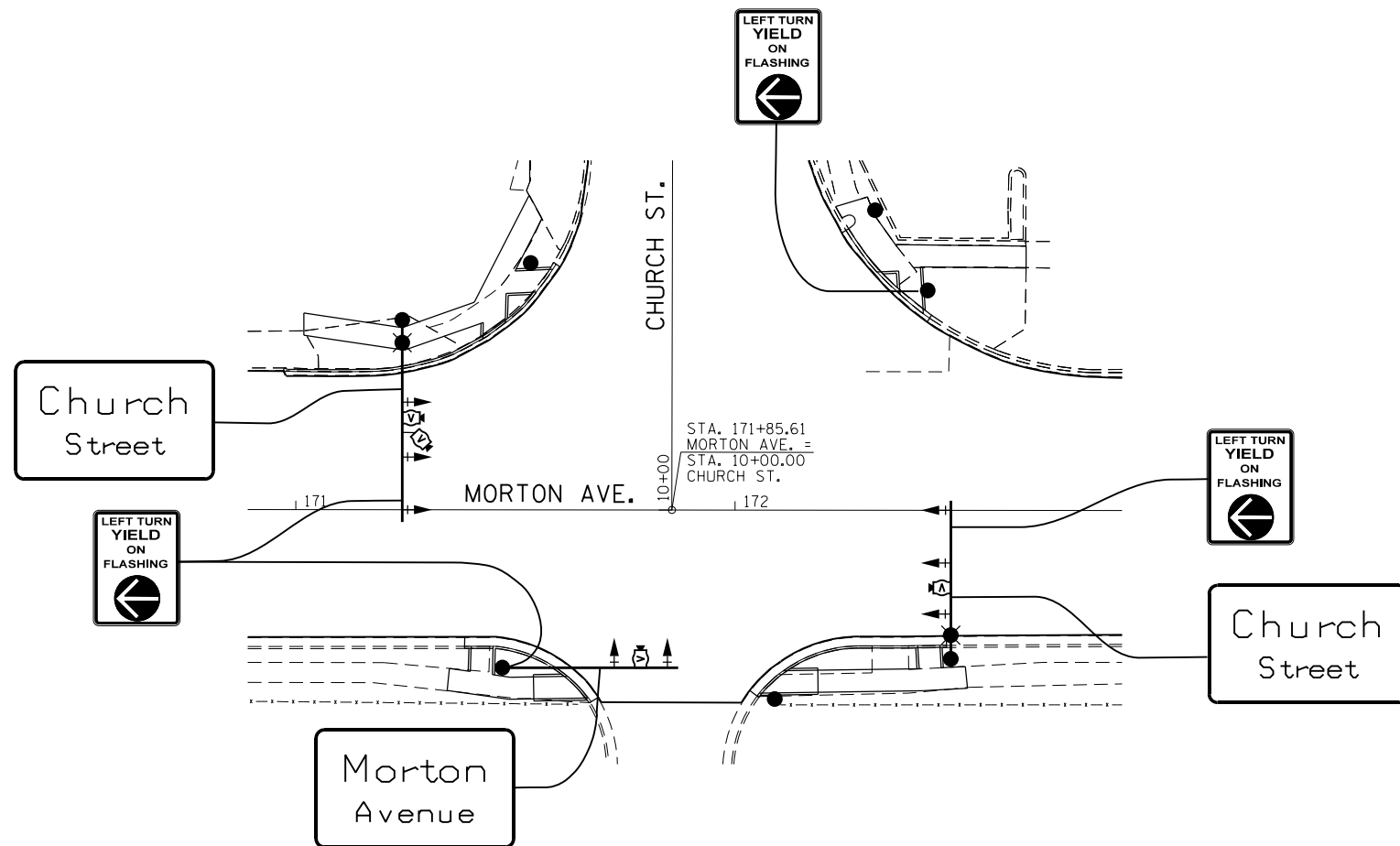
•- 310A, 753
••- 23BR, RS6, TS-5; 33BR-1, RS4, TS-2

Morton Avenue @ Diamond Street Arm Sign Removal Schedule						
Intersecting Street	Quadrant	Direction Sign Facing	Sign to be Removed	Remove Sign Panel Type 1	Remove Sign Panel Type 2	Remove Sign Assembly Type A
				Sq Ft	Sq Ft	Each
Diamond Street	NW	East	Diamond St		15	
Diamond Street	NW	East	Jacksonville Developmental Center		15	
Diamond Street	NW	East	BUS 72	3		
Diamond Street	NW	East	WEST IL 104			1
Diamond Street	SE	West	Diamond St		15	
Diamond Street	SE	West	BUS 72	3		
Diamond Street	SE	West	EAST IL 104			1
Diamond Street	NE	South	Morton Ave		15	
Diamond Street	SW	North	Morton Ave		15	
Diamond Street	SW	West	Jacksonville Developmental Center		15	
TOTALS				6	90	2

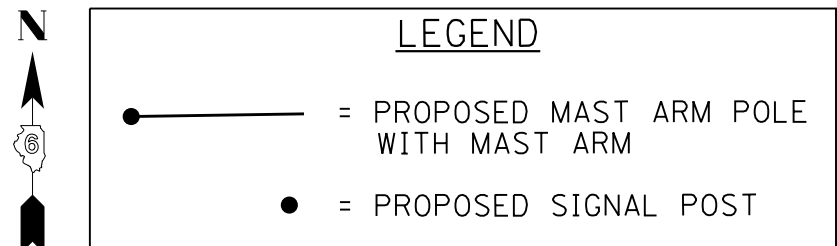
- SIGNS ARE TO BE REMOVED AND TEMPORARILY RELOCATED WHILE TEMPORARY SIGNALS ARE OPERATIONAL.
- SIGNS SHALL BE ERECTED ON TEMPORARY SIGN SUPPORT +/- 200 FT AFTER THE INTERSECTION. THE EXACT LOCATION IS TO BE COORDINATED WITH THE ENGINEER.
- THIS WORK WILL BE PAID FOR AS TEMPORARY SIGN PANEL ASSEMBLY, TYPE A AND WILL BE MEASURED FOR PAYMENT IN SQ FT.

Morton Avenue @ Diamond St Sign Installation Schedule						
Quadrant	Direction Sign Facing	Proposed Sign	Sign Panel, Type 1	Sign Panel, Type 2	Temporary Sign Panel Assembly, Type A	Mounting
			Sq Ft	Sq Ft	Sq Ft	
NE	South	Morton Avenue		15		Mast Arm
NE	South	Flashing Yellow Arrow	6			Mast Arm
NE	West	Flashing Yellow Arrow	6			Signal Post
NW	East	Diamond Street		14		Mast Arm
NW	East	Flashing Yellow Arrow	6			Mast Arm
NW	East	BUS 72 (M1-2 (24x24), WEST (M3-4 21x12)	6			Mast Pole
NW	East	IL 104 (M1-1100 30x24)	5			Mast Pole
NW	South	Flashing Yellow Arrow	6			Signal Post
NW	East	BUS 72 & West IL 104			6	Temp Sign Support
SE	North	Flashing Yellow Arrow	6			Signal Post
SE	West	Diamond Street		14		Mast Arm
SE	West	Flashing Yellow Arrow	6			Mast Arm
SE	West	BUS 72 (M1-2 (24x24), EAST (M3-2 21x12)	6			Mast Pole
SE	West	IL 104 (M1-1100 30x24)	5			Mast Pole
SE	West	BUS 72 & East IL 104			6	Temp Sign Support
SW	East	Flashing Yellow Arrow	6			Signal Post
SW	North	Morton Avenue		15		Mast Arm
SW	North	Flashing Yellow Arrow	6			Mast Arm
Totals:			70	58	12	

•- 310A, 753
••- 23BR, RS6, TS-5; 33BR-1, RS4, TS-2



Morton Avenue @ Church Street Mast Arm Sign Removal Schedule				
Intersecting Street	Quadrant	Direction Sign Facing	Sign to be Removed	Remove Sign Panel Type 2 Sq Ft
Church St.	NW	East	Church St	15
Church St.	NW	East	Jacksonville Developmental Center	15
Church St.	SE	West	Church St	15
Church St.	SE	West	Jacksonville Developmental Center	15
TOTALS				60



- NOTES:**
- PROPOSED SIGNS SHOWN ARE NOT TO SCALE.
 - ALL DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE SHOWN.
 - REFER TO HIGHWAY STANDARD 720016, MAST ARM MOUNTED STREET NAME SIGNS.
 - ALL SIGN PANELS SHALL BE FABRICATED WITH TYPE ZZ SHEETING.
 - TRAFFIC SIGNAL MAST ARM ASSEMBLIES SHALL BE DESIGNED FOR THE LOADINGS SHOWN ON HIGHWAY STANDARDS OR THESE SIGNAL PLANS, WHICHEVER IS GREATER.

Morton Avenue @ Church St Sign Installation Schedule					
Quadrant	Direction Sign Facing	Proposed Sign	Sign Panel, Type 1	Sign Panel, Type 2	Mounting
			Sq Ft	Sq Ft	
NW	East	Church Street		15	Mast Arm
NW	East	Flashing Yellow Arrow	6		Mast Arm
SW	East	Flashing Yellow Arrow	6		Mast Pole
SW	North	Morton Avenue		15	Mast Arm
SE	West	Church Street		15	Mast Arm
SE	West	Flashing Yellow Arrow	6		Mast Arm
NE	West	Flashing Yellow Arrow	6		Signal Post
Totals:			24	45	

FUNDING FOR THIS INTERSECTION (MORTON AVE. / CHURCH STREET) IS:
 TRAFFIC SIGNALS
 90% FEDERAL / 5% STATE / 5% LOCAL

FILE NAME =	USER NAME = Verenskif	DESIGNED -	REVISED -
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 6\Projects\0672\Drawings\0672\Signs.dgn		CHECKED -	REVISED -
Default	PLOT DATE = 1/28/2016	DATE - 7-23-2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIGN PANEL DETAILS
CHURCH STREET**

SCALE: SHEET 13 OF 25 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	MORGAN	366	216
CONTRACT NO. 72D21			ILLINOIS FED. AID PROJECT	

•- 310A, 753
 ••- 23BR, RS6, TS-5; 33BR-1, RS4, TS-2

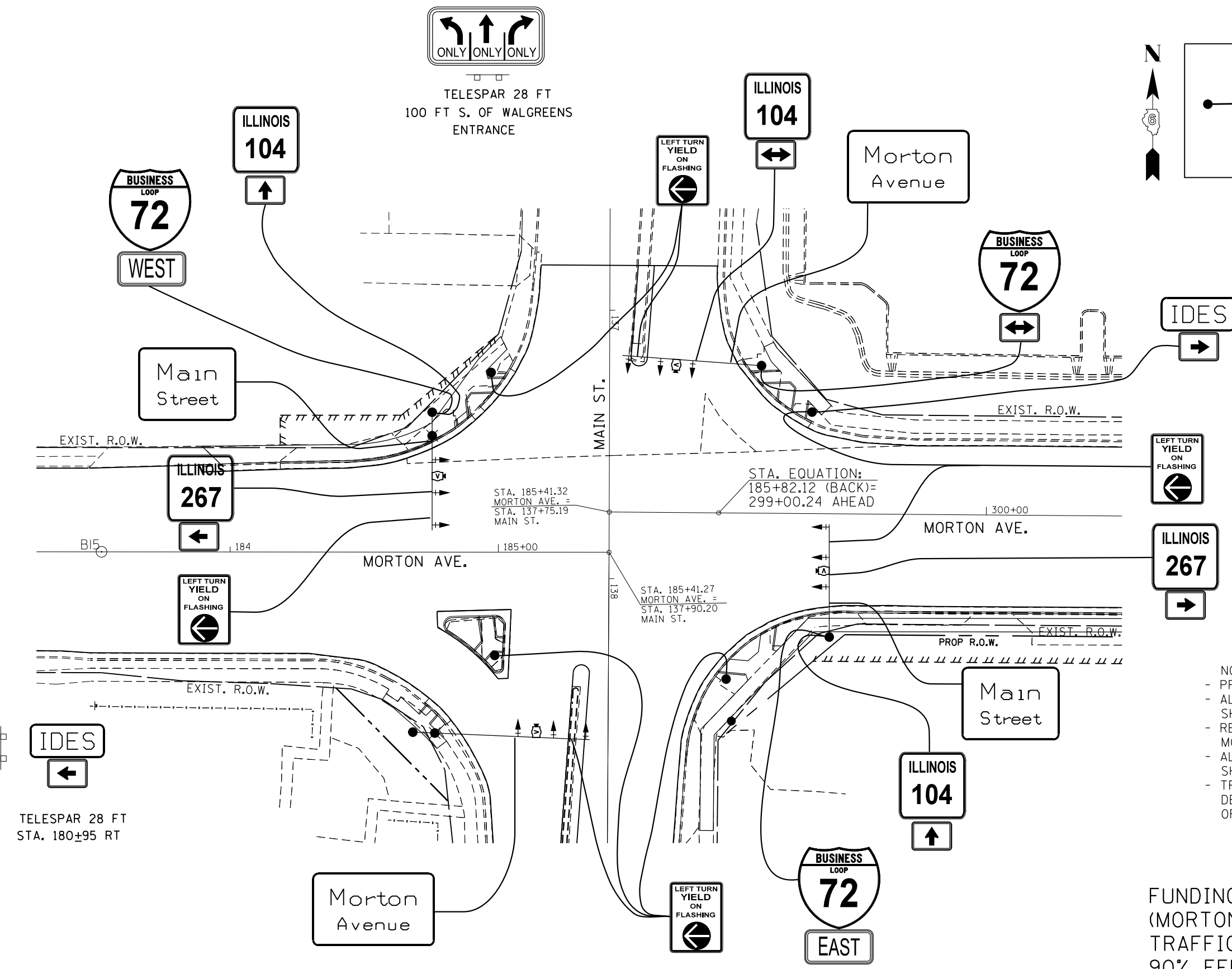


TELESPAR 28 FT
100 FT S. OF WALGREENS
ENTRANCE



LEGEND

- = PROPOSED MAST ARM POLE WITH MAST ARM
- = PROPOSED SIGNAL POST



FOR THE MORTON AVE./MAIN ST. INTERSECTION SIGN SCHEDULES, SEE NEXT SHEET.

- NOTES:
- PROPOSED SIGNS SHOWN ARE NOT TO SCALE.
 - ALL DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE SHOWN.
 - REFER TO HIGHWAY STANDARD 720016, MAST ARM MOUNTED STREET NAME SIGNS.
 - ALL SIGN PANELS SHALL BE FABRICATED WITH TYPE ZZ SHEETING.
 - TRAFFIC SIGNAL MAST ARM ASSEMBLIES SHALL BE DESIGNED FOR THE LOADINGS SHOWN ON HIGHWAY STANDARDS OR THESE SIGNAL PLANS, WHICHEVER IS GREATER.

FUNDING FOR THIS INTERSECTION (MORTON AVE. / MAIN STREET) IS:
TRAFFIC SIGNALS
90% FEDERAL / 7.5% STATE / 2.5% LOCAL

FILE NAME =	USER NAME = Verenskif	DESIGNED -	REVISED -
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Default	PLOT DATE = 1/28/2016	DATE - 7-23-2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGN PANEL DETAILS	
MAIN STREET	
SCALE:	SHEET 14 OF 25 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	MORGAN	366	217
CONTRACT NO. 72D21				
ILLINOIS FED. AID PROJECT				

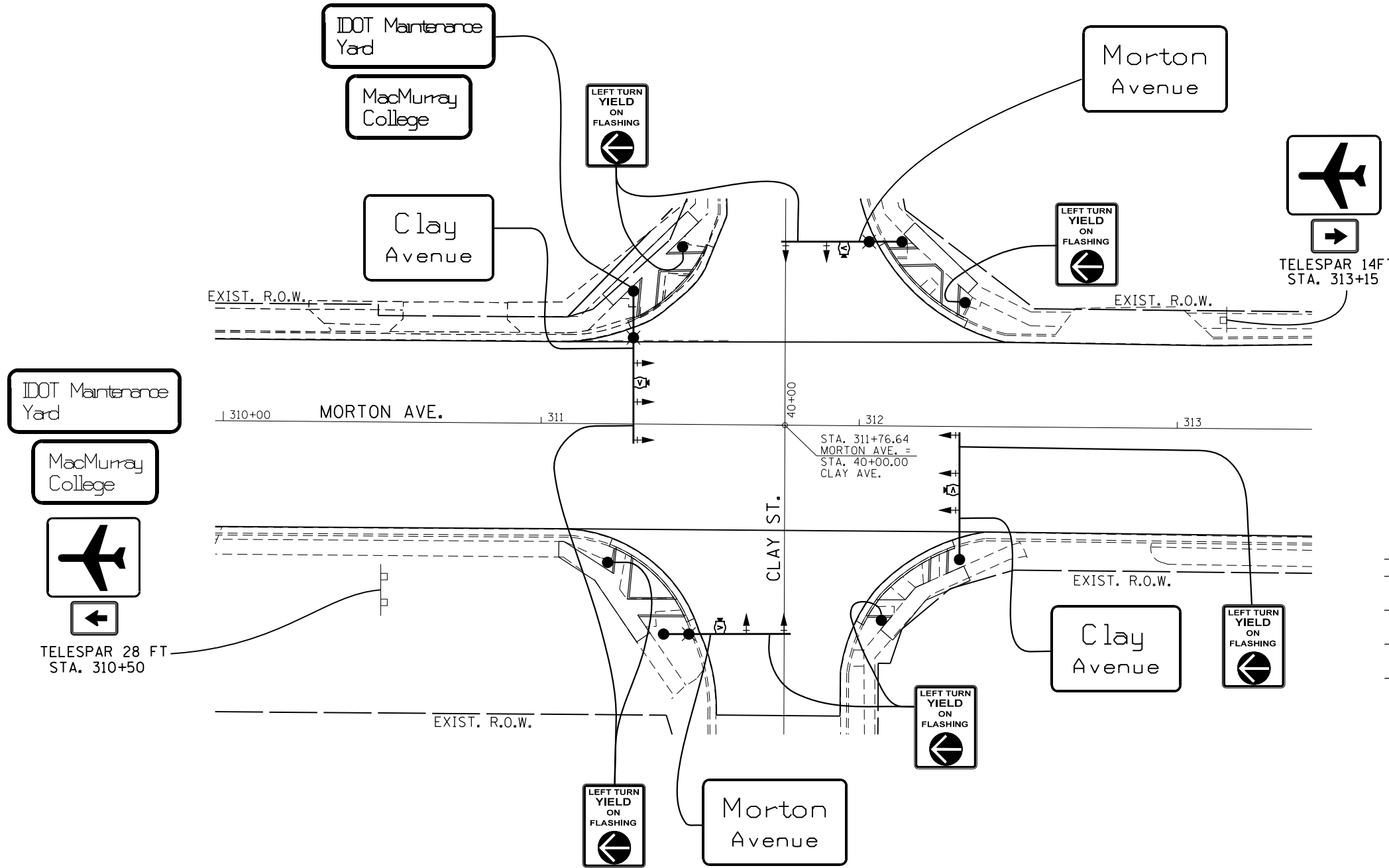
•- 310A, 753
••- 23BR, RS6, TS-5; 33BR-1, RS4, TS-2

Morton Avenue @ Main Street Mast Arm Sign Removal Schedule								
Intersecting Street	Quadrant	Direction Sign Facing	Sign to be Removed	Remove Sign Panel Type 1	Remove Sign Panel Type 2	Remove Sign Assembly Type A	Remove Sign Assembly Type B	Relocate Sign Panel Assembly Type A
				Sq Ft	Sq Ft	Each	Each	Each
Main Street	NW	East	Main St		15			
Main Street	NW	East	IL 267 Left Arrow			1		
Main Street	NW	East	BUS 72	3				
Main Street	NW	East	IL 104 Up Arrow			1		
Main Street	NW	East	IDES, Right Arrow					1
Main Street	NW	East	Watch For Motorcycles				1	
Main Street	SE	West	Main St		15			
Main Street	SE	West	IL 267 Right Arrow			1		
Main Street	SE	West	BUS 72	3				
Main Street	SE	West	IL 104 Up Arrow			1		
Main Street	SE	West	IDES, Left Arrow					1
Main Street	NE	South	Morton Ave		15			
Main Street	NE	South	BUS 72 Double Arrow			1		
Main Street	NE	South	IL 104 Up Double Arrow			1		
Main Street	SW	North	Morton Ave		15			
Main Street	SW	West	Library Symbol			1		
Main Street	NE	East	Library Symbol			1		
Main Street	NE	East	Business District			1		
Sta. 180+95	SW	West	Business District			1		
TOTALS				6	60	10	1	2

- SIGNS ARE TO BE REMOVED AND TEMPORARILY RELOCATED WHILE TEMPORARY SIGNALS ARE OPERATIONAL.
- SIGNS SHALL BE ERECTED ON TEMPORARY SIGN SUPPORT +/- 200 FT AFTER THE INTERSECTION. THE EXACT LOCATION IS TO BE COORDINATED WITH THE ENGINEER.
- THIS WORK WILL BE PAID FOR AS TEMPORARY SIGN PANEL ASSEMBLY, TYPE A AND WILL BE MEASURED FOR PAYMENT IN SQ FT.

Morton Avenue @ Main St Sign Installation Schedule						
Quadrant	Direction Sign Facing	Proposed Sign	Sign Panel, Type 1	Sign Panel, Type 2	Temporary Sign Panel Assembly, Type A	Mounting
			Sq Ft	Sq Ft	Sq Ft	
NE	South	Morton Avenue		15		Mast Arm
NE	South	IL 104 (M1-I100 30x24) DOUBLE ARROW (M6-4 21x15)	8			Mast Arm
NE	South	Flashing Yellow Arrow	6			Mast Arm
NE	South	BUS 72 (M1-2 (24x24), DOUBLE ARROW (M6-4 21x15)	7			Mast Pole
NE	West	Flashing Yellow Arrow	6			Signal Post
NW	East	Main Street		12		Mast Arm
NW	East	IL 267 (M1-I100 30x24) LEFT ARROW (M6-1 21x15)	8			Mast Arm
NW	East	Flashing Yellow Arrow	6			Mast Arm
NW	East	BUS 72 (M1-2 (24x24), WEST (M3-4 21x12)	6			Mast Pole
NW	East	IL 104 (M1-I100 30x24) UP ARROW (M6-3 21x15)	8			Mast Pole
NW	South	Flashing Yellow Arrow	6			Signal Post
NW	East	BUS I-72 & West IL 104			6	Temp Sign Support
NW	North	LEFT ARROW, UP ARROW, RIGHT ARROW (R3-8B 48x30)		10		Telespar
SE	North	Flashing Yellow Arrow	6			Signal Post
SE	West	Main Street		12		Mast Arm
SE	West	IL 267 (M1-I100 30x24) RIGHT ARROW (M6-1 21x15)	8			Mast Arm
SE	West	Flashing Yellow Arrow	6			Mast Arm
SE	West	BUS 72 (M1-2 (24x24), EAST (M3-2 21x12)	6			Mast Pole
SE	West	IL 104 (M1-I100 30x24) UP ARROW (M6-3 21x15)	8			Mast Pole
SE	East	BUS I-72 & East IL 104			6	Temp Sign Support
SW	East	Flashing Yellow Arrow	6			Signal Post
SW	North	Morton Avenue		15		Mast Arm
SW	North	Flashing Yellow Arrow	6			Mast Arm
Totals:			107	64	12	

-- 310A, 753
 -- 23BR, RS6, TS-5; 33BR-1, RS4, TS-2



- NOTES:
- PROPOSED SIGNS SHOWN ARE NOT TO SCALE.
 - ALL DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE SHOWN.
 - REFER TO HIGHWAY STANDARD 720016, MAST ARM MOUNTED STREET NAME SIGNS.
 - ALL SIGN PANELS SHALL BE FABRICATED WITH TYPE ZZ SHEETING.
 - TRAFFIC SIGNAL MAST ARM ASSEMBLIES SHALL BE DESIGNED FOR THE LOADINGS SHOWN ON HIGHWAY STANDARDS OR THESE SIGNAL PLANS, WHICHEVER IS GREATER.



LEGEND	
	= PROPOSED MAST ARM POLE WITH MAST ARM
	= PROPOSED SIGNAL POST

FOR THE MORTON AVE./CLAY ST. INTERSECTION
SIGN SCHEDULES, SEE NEXT SHEET.

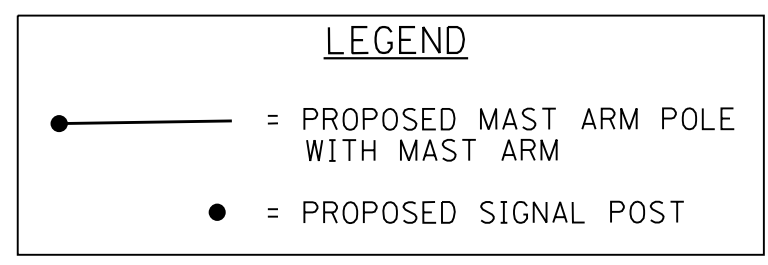
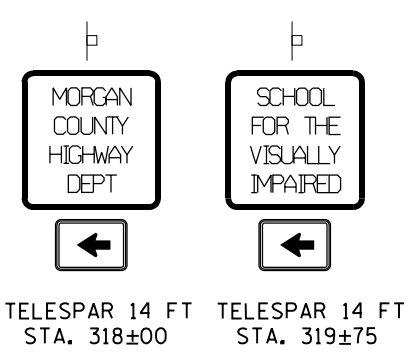
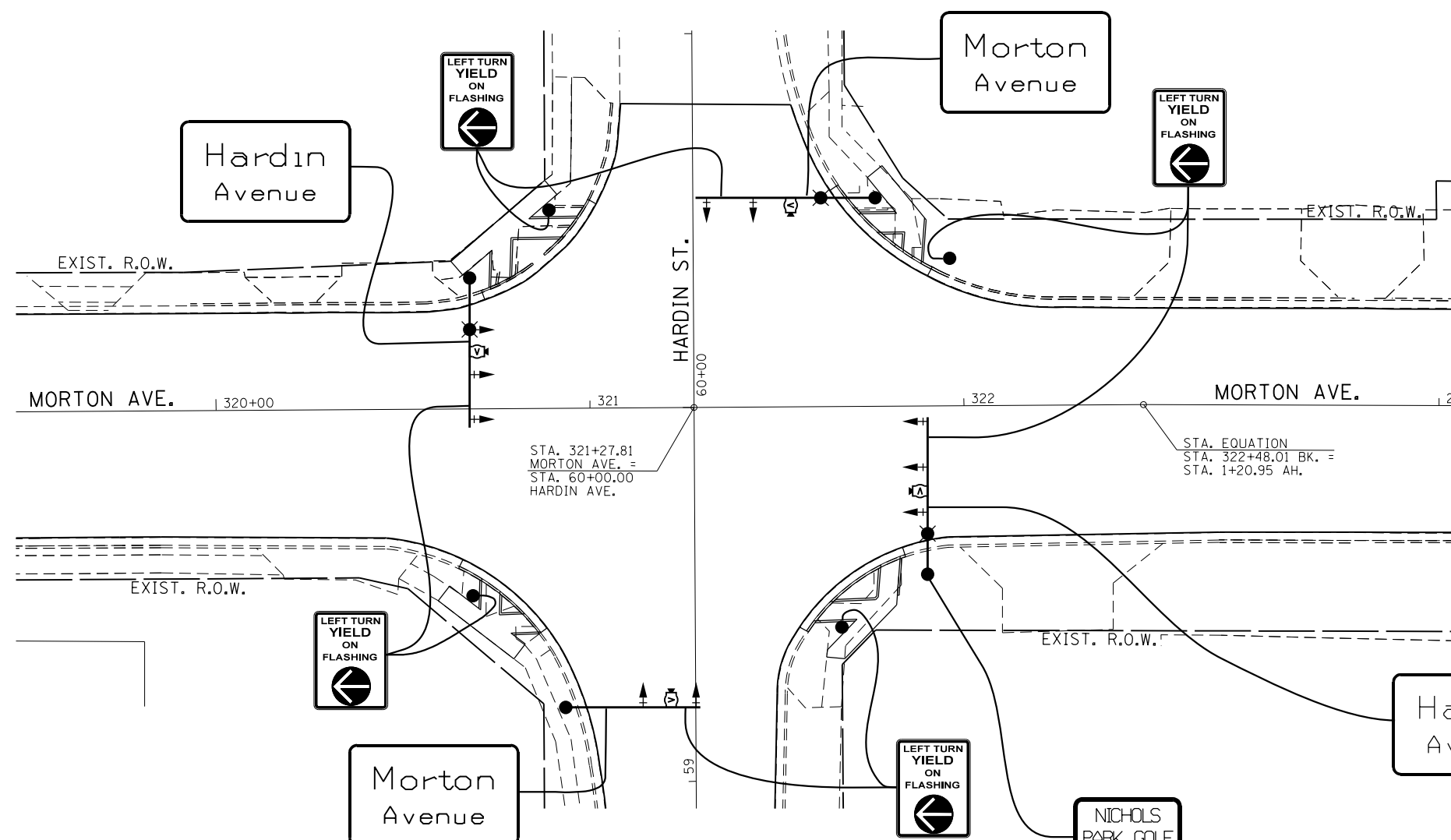
FUNDING FOR THIS INTERSECTION
(MORTON AVE. / CLAY STREET) IS:
TRAFFIC SIGNALS
90% FEDERAL / 5% STATE / 5% LOCAL

FILE NAME =	USER NAME = Verenskif	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGN PANEL DETAILS CLAY AVENUE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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Default	PLOT DATE = 1/28/2016	DATE - 7-23-2015	REVISED -			CONTRACT NO. 72D21					
						ILLINOIS FED. AID PROJECT					

Morton Avenue @ Clay Street Mast Arm Sign Removal Schedule					
Intersecting Street	Quadrant	Direction Sign Facing	Sign to be Removed	Remove Sign Panel Type 1	Remove Sign Panel Type 2
				Sq Ft	Sq Ft
Clay Avenue	NW	East	Clay Avenue		15
Clay Avenue	NW	East	MacMurray College		10
Clay Avenue	NW	East	IDOT Operations Yard	6	
Clay Avenue	SE	West	Clay Avenue		15
Clay Avenue	SE	West	MacMurray College		10
Clay Avenue	NE	South	Morton Avenue		15
Clay Avenue	SW	North	Morton Avenue		15
Clay Avenue	SW	West	IDOT Operations Yard	6	
Clay Avenue	SW	West	Airport & LT Arrow	6	
Clay Avenue	NE	East	Airport & RT Arrow	6	
TOTALS				24	80

Morton Avenue @ Clay Ave Sign Installation Schedule					
Quadrant	Direction Sign Facing	Proposed Sign	Sign Panel, Type 1	Sign Panel, Type 2	Mounting
			Sq Ft	Sq Ft	
NE	South	Morton Avenue		15	Mast Arm
NE	South	Flashing Yellow Arrow	6		Mast Arm
NE	West	Flashing Yellow Arrow	6		Signal Post
NE	East	Airport (I-5, 24x24) & RIGHT ARROW (M6-3, 21x15)	6		Telespar
NW	East	Clay Avenue		14	Mast Arm
NW	East	Flashing Yellow Arrow	6		Mast Arm
NW	South	Flashing Yellow Arrow	6		Signal Post
NW	East	IDOT Maintenance Yard	6		Mast Pole
NW	East	MacMurray College	6		Mast Pole
SE	North	Flashing Yellow Arrow	6		Signal Post
SE	West	Clay Avenue		14	Mast Arm
SE	West	Flashing Yellow Arrow	6		Mast Arm
SW	East	Flashing Yellow Arrow	6		Signal Post
SW	North	Morton Avenue		15	Mast Arm
SW	North	Flashing Yellow Arrow	6		Mast Arm
SW	West	IDOT Maintenance Yard	6		Telespar
SW	West	MacMurray College	6		Telespar
SW	West	Airport (I-5, 24x24) & LEFT ARROW (M6-3, 21x15)	6		Telespar
Totals:			84	58	

-- 310A, 753
 ••- 23BR, RS6, TS-5; 33BR-1, RS4, TS-2



NOTES:

- PROPOSED SIGNS SHOWN ARE NOT TO SCALE.
- ALL DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE SHOWN.
- REFER TO HIGHWAY STANDARD 720016, MAST ARM MOUNTED STREET NAME SIGNS.
- ALL SIGN PANELS SHALL BE FABRICATED WITH TYPE ZZ SHEETING.
- TRAFFIC SIGNAL MAST ARM ASSEMBLIES SHALL BE DESIGNED FOR THE LOADINGS SHOWN ON HIGHWAY STANDARDS OR THESE SIGNAL PLANS, WHICHEVER IS GREATER.

FOR THE MORTON AVE./HARDIN AVE. INTERSECTION
SIGN SCHEDULES, SEE NEXT SHEET.

FUNDING FOR THIS INTERSECTION
(MORTON AVE. / HARDIN STREET) IS:
TRAFFIC SIGNALS
90% FEDERAL / 5% STATE / 5% LOCAL

FILE NAME =	USER NAME = Verenskif	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGN PANEL DETAILS HARDIN AVENUE		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT DATE = 1/28/2016	DATE - 7-23-2015	REVISED -		SCALE:	SHEET 18 OF 25 SHEETS	STA.	TO STA.	CONTRACT NO. 72D21		
ILLINOIS FED. AID PROJECT											

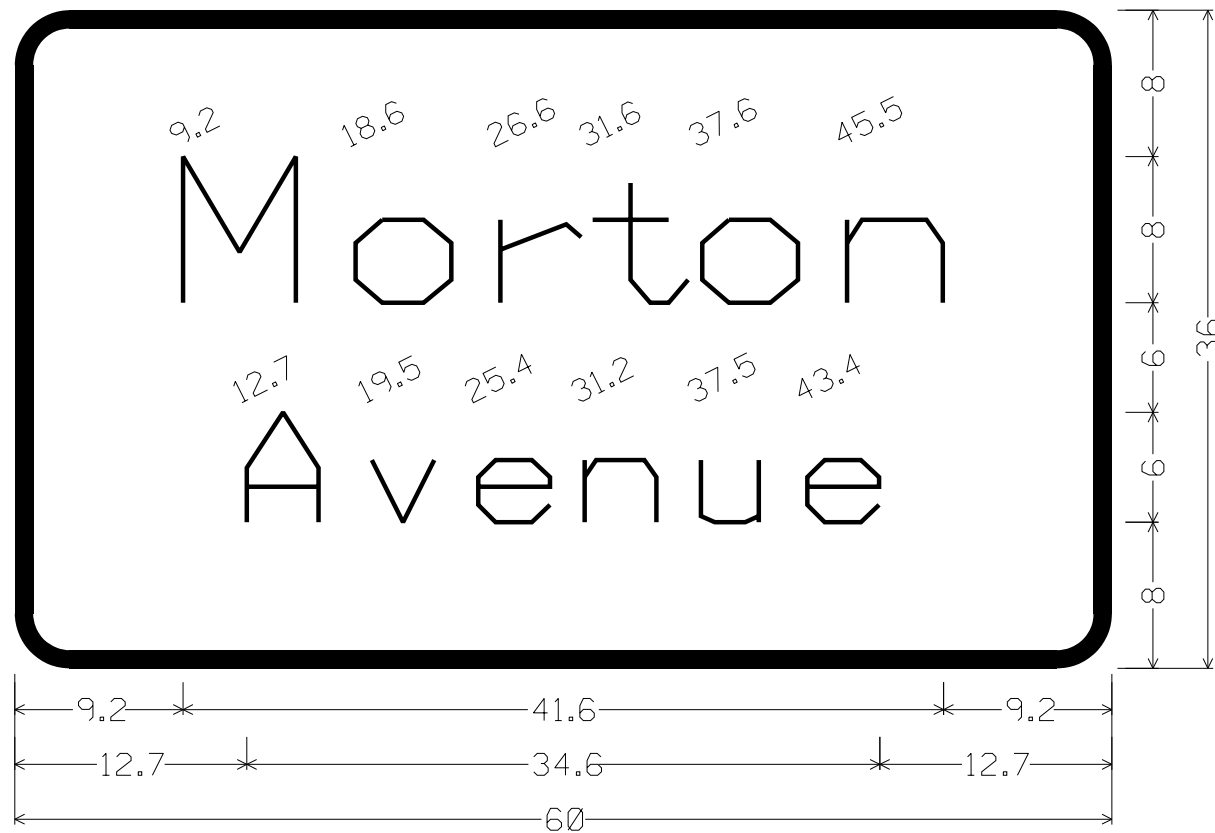
•- 310A, 753
••- 23BR, RS6, TS-5; 33BR-1, RS4, TS-2

Morton Avenue @ Hardin Avenue Mast Arm Sign Removal Schedule							
Intersecting Street	Quadrant	Direction Sign Facing	Sign to be Removed	Remove Sign Panel Type 1	Remove Sign Panel Type 2	Remove Sign Assembly Type A	Remove Sign Assembly Type B
				Sq Ft	Sq Ft	Each	Each
Hardin Avenue	NW	East	Hardin Ave		15		
Hardin Avenue	NW	East	BUS 72	3			
Hardin Avenue	NW	East	WEST IL 104			1	
Hardin Avenue	NW	East	School for the Visually Impaired		8		
Hardin Avenue	NW	East	Nichols Park Golf Course		8		
Hardin Avenue	NW	East	Morgan County Highway Dept	6			
Hardin Avenue	SE	West	Hardin Ave		15		
Hardin Avenue	SE	West	BUS 72	3			
Hardin Avenue	SE	West	WEST IL 104			1	
Hardin Avenue	SE	West	School for the Visually Impaired		8		
Hardin Avenue	SE	West	Nichols Park Golf Course		8		
Hardin Avenue	NE	South	Morton Ave		15		
Hardin Avenue	NE	East	Watch For Motorcycles				1
Hardin Avenue	SW	North	Morton Ave		15		
TOTALS				12	92	2	1

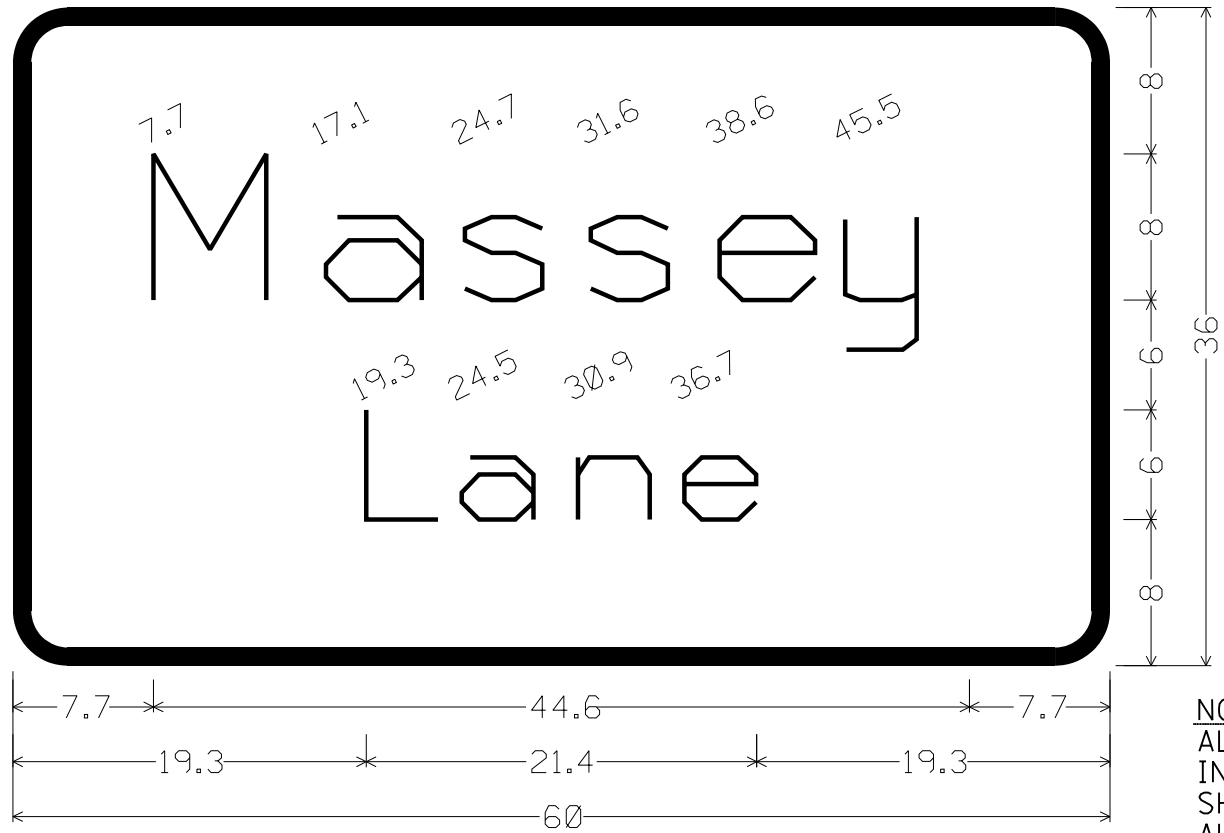
Morton Avenue @ Hardin Ave Sign Installation Schedule					
Quadrant	Direction Sign Facing	Proposed Sign	Sign Panel, Type 1	Sign Panel, Type 2	Mounting
			Sq Ft	Sq Ft	
NE	South	Morton Avenue		15	Mast Arm
NE	South	Flashing Yellow Arrow	6		Mast Arm
NE	West	Flashing Yellow Arrow	6		Signal Post
NE	East	School For The Visually Impaired	8		Telespar
NE	East	Nichols Park Golf Course	6		Telespar
NE	East	Morgan County Highway Department	6		Telespar
NW	East	Hardin Avenue		15	Mast Arm
NW	East	Flashing Yellow Arrow	6		Mast Arm
NW	South	Flashing Yellow Arrow	6		Signal Post
SE	North	Flashing Yellow Arrow	6		Signal Post
SE	West	Hardin Avenue		15	Mast Arm
SE	West	Flashing Yellow Arrow	6		Mast Arm
SE	West	School For The Visually Impaired & LEFT ARROW (M6-1, 21x15)	6.2		Telespar
SE	West	Nichols Park Golf Course & RIGHT ARROW (M6-1, 21x15)	5.2		Mast Post
SE	West	Morgan County Highway Department & LEFT ARROW (M6-1, 21x15)	6.2		Telespar
SW	East	Flashing Yellow Arrow	6		Signal Post
SW	North	Morton Avenue		15	Mast Arm
SW	North	Flashing Yellow Arrow	6		Mast Arm
Totals:			86	60	

•- 310A, 753
 ••- 23BR, RS6, TS-5; 33BR-1, RS4, TS-2

FILE NAME =	USER NAME = Verenskifa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGN PANEL DETAILS HARDIN AVENUE (CONTINUED)		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT SCALE = 100.0000' / in.	DATE - 7-23-2015	REVISED -		CONTRACT NO. 72D21						
	PLOT DATE = 1/28/2016		REVISED -		ILLINOIS FED. AID PROJECT						

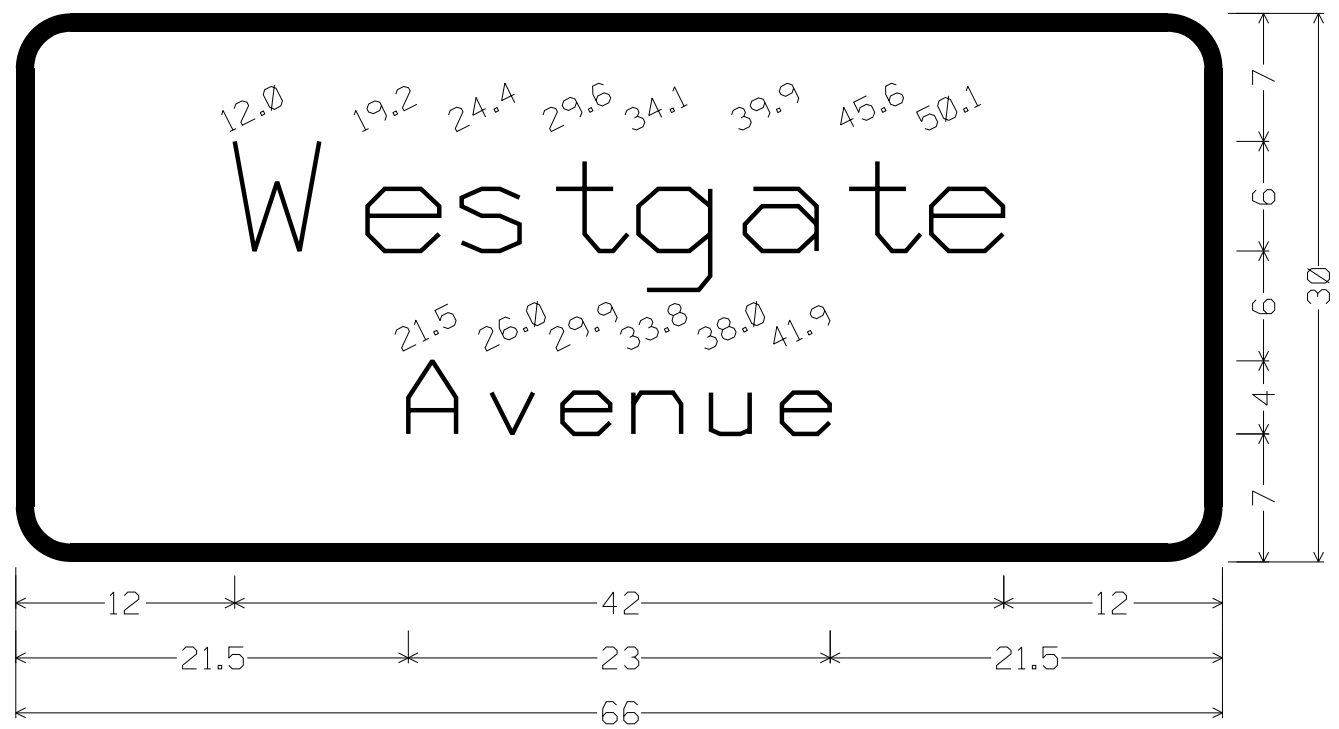


3.0" Radius, 1.0" Border, White on Green;
 [Morton] E Mod 2K; [Avenue] E Mod 2K;

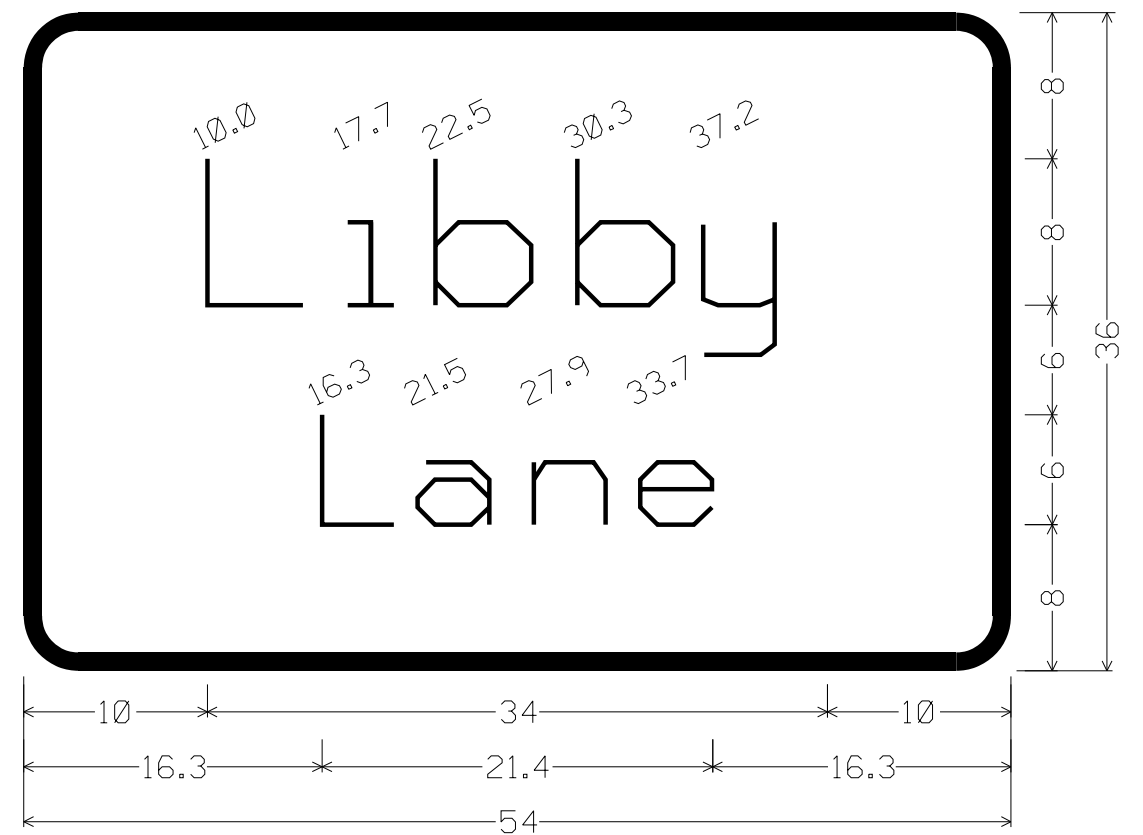


3.0" Radius, 1.0" Border, White on Green;
 [Massey] E Mod 2K; [Lane] E Mod 2K;

NOTES:
 ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.
 ALL SIGN PANELS SHALL BE FABRICATED WITH TYPE ZZ SHEETING.



3.0" Radius, 1.0" Border, White on Green;
 [Westgate] E Mod 2K; [Avenue] E Mod 2K;



3.0" Radius, 1.0" Border, White on Green;
 [Libby] E Mod 2K; [Lane] E Mod 2K;

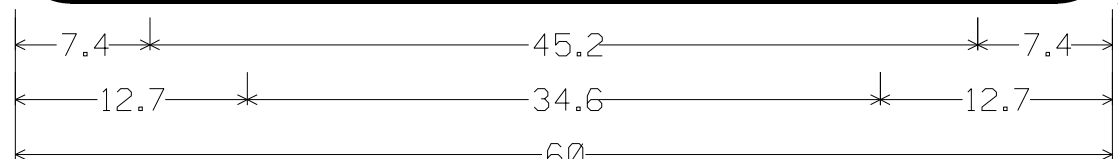
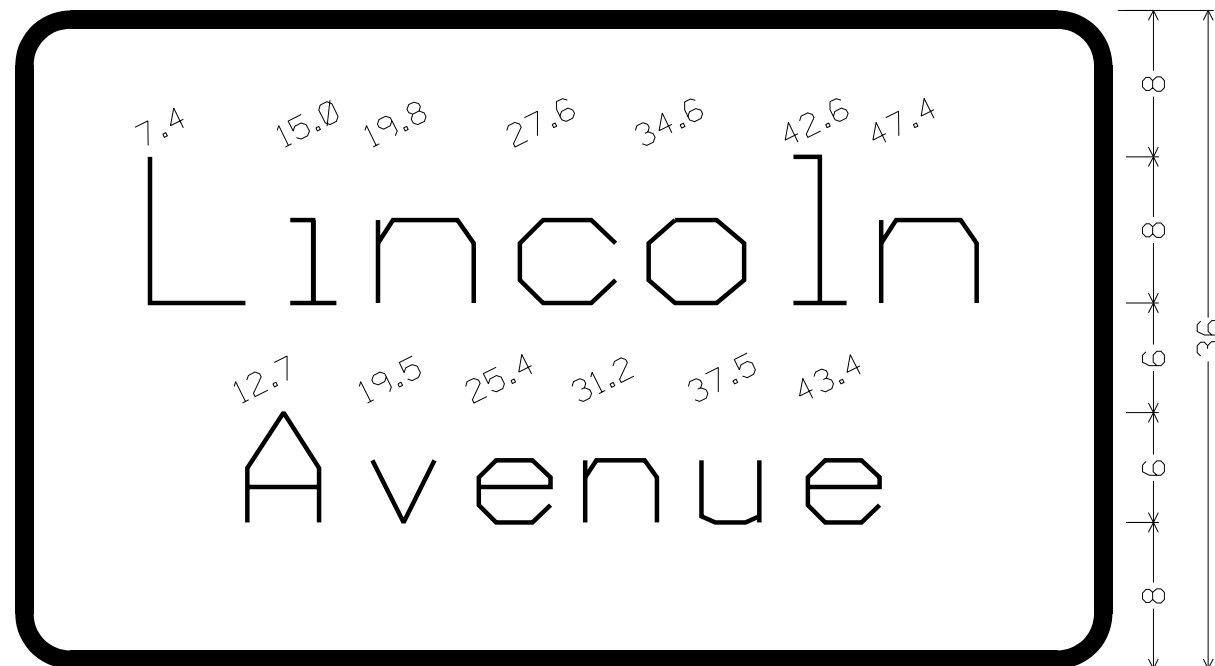
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Default	PLOT DATE = 1/28/2016	DATE - 7-23-2015	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

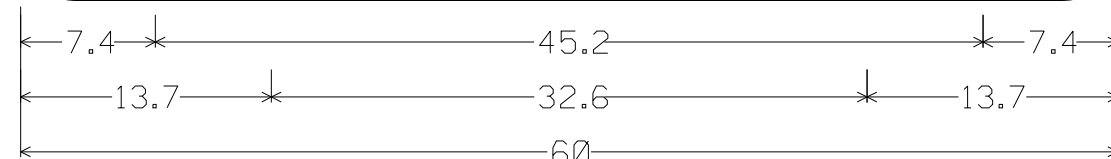
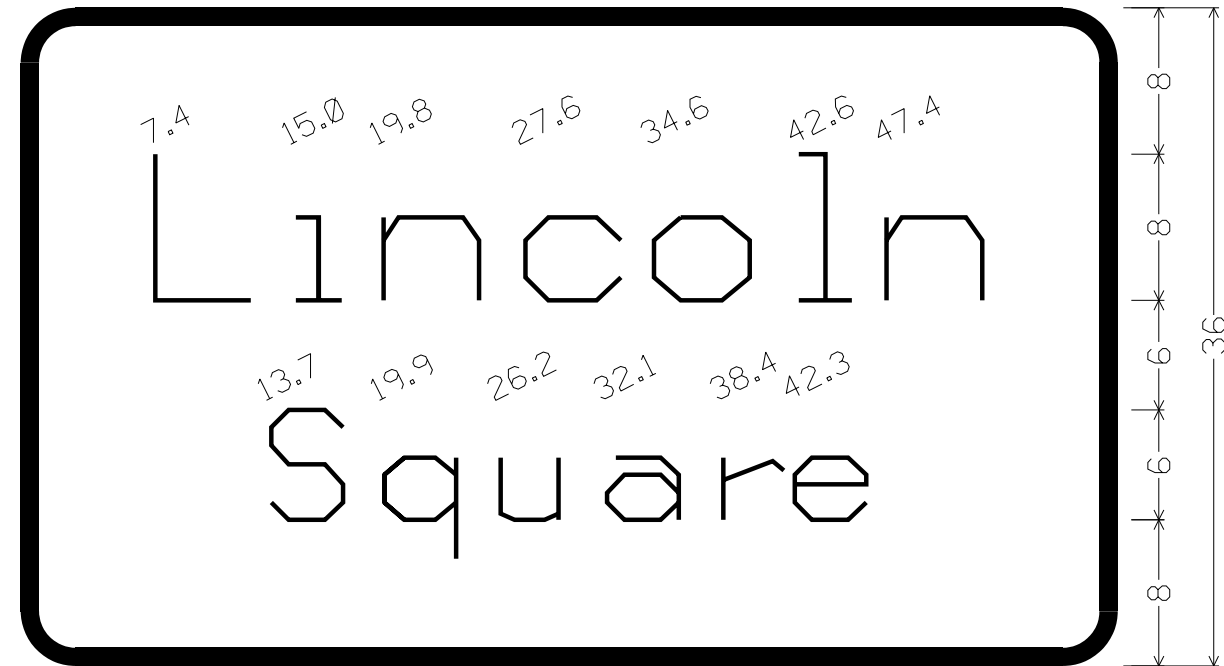
SIGN PANEL DETAILS			
SCALE:	SHEET 20 OF 25 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	..	MORGAN	366	223
			CONTRACT NO. 72D21	
ILLINOIS FED. AID PROJECT				

310A, 753
 23BR, RS6, TS-5; 33BR-1, RS4, TS-2

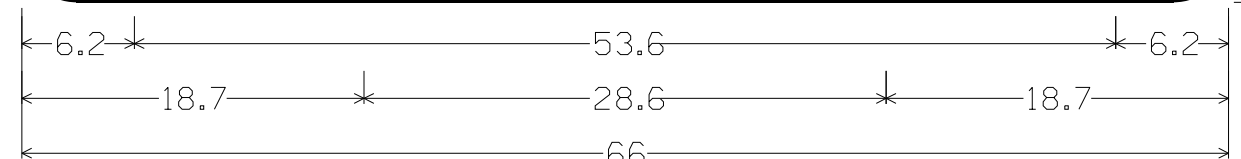
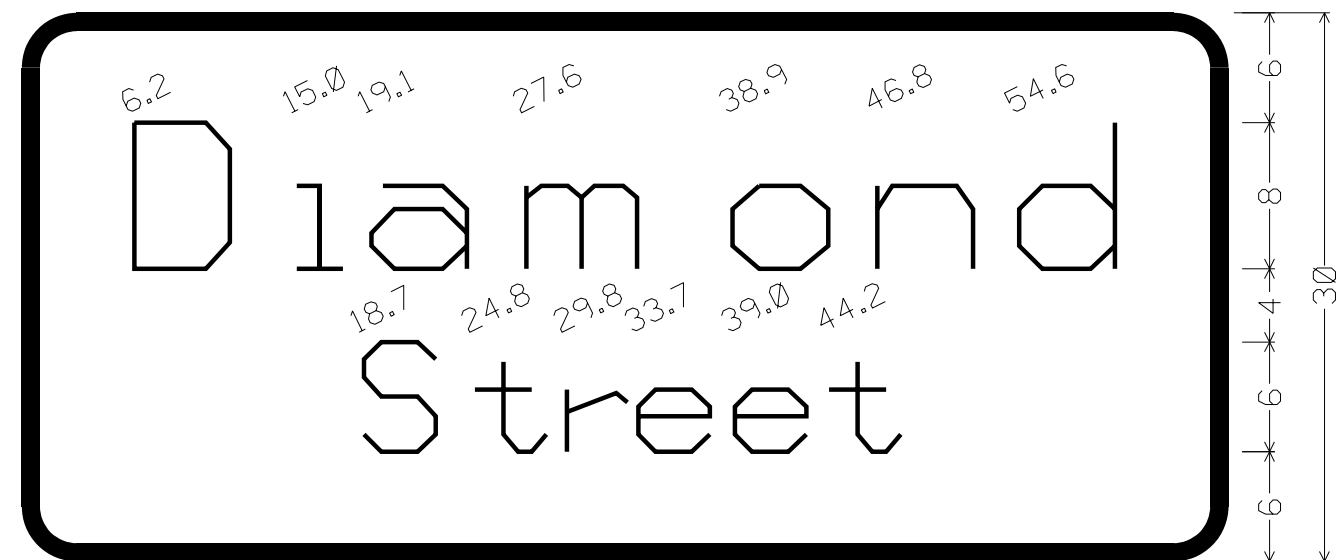


3.0" Radius, 1.0" Border, White on Green;
 [Lincoln] E Mod 2K; [Avenue] E Mod 2K;



3.0" Radius, 1.0" Border, White on Green;
 [Lincoln] E Mod 2K; [Square] E Mod 2K;

NOTES:
 ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.
 ALL SIGN PANELS SHALL BE FABRICATED WITH TYPE ZZ SHEETING.



3.0" Radius, 1.0" Border, White on Green;
 [Diamond] E Mod 2K; [Street] E Mod 2K;



3.0" Radius, 1.0" Border, White on Green;
 [Church] E Mod 2K; [Street] E Mod 2K;

FILE NAME =	USER NAME = Verenskif	DESIGNED -	REVISED -
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 6\Projects\0672\DRAWING\040shd\01 Signs.dgn		CHECKED -	REVISED -
Default	PLOT DATE = 1/28/2016	DATE - 7-23-2015	REVISED -

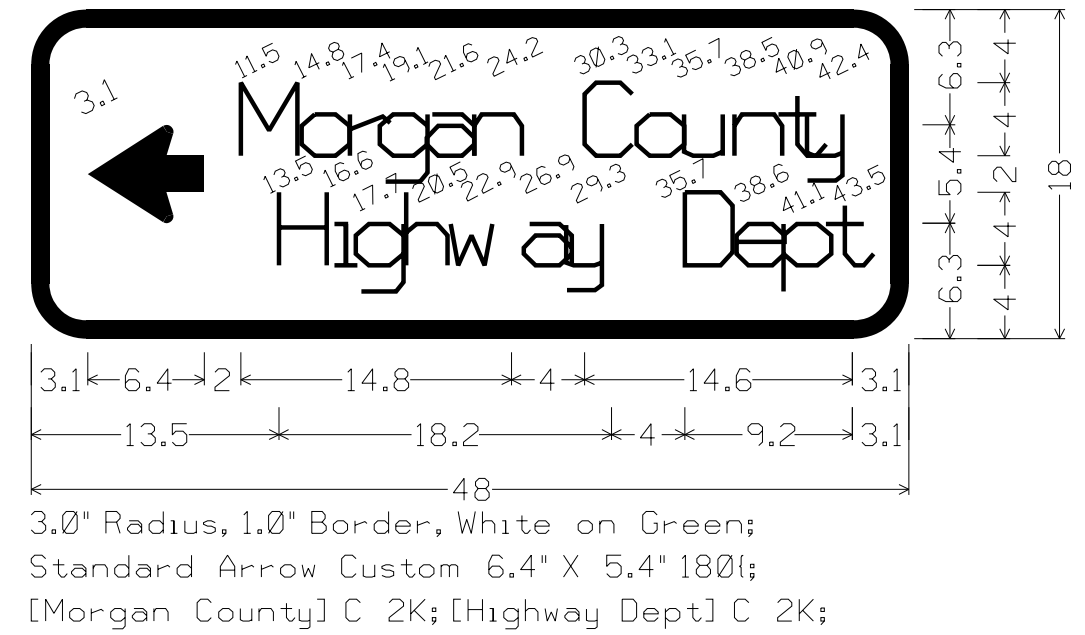
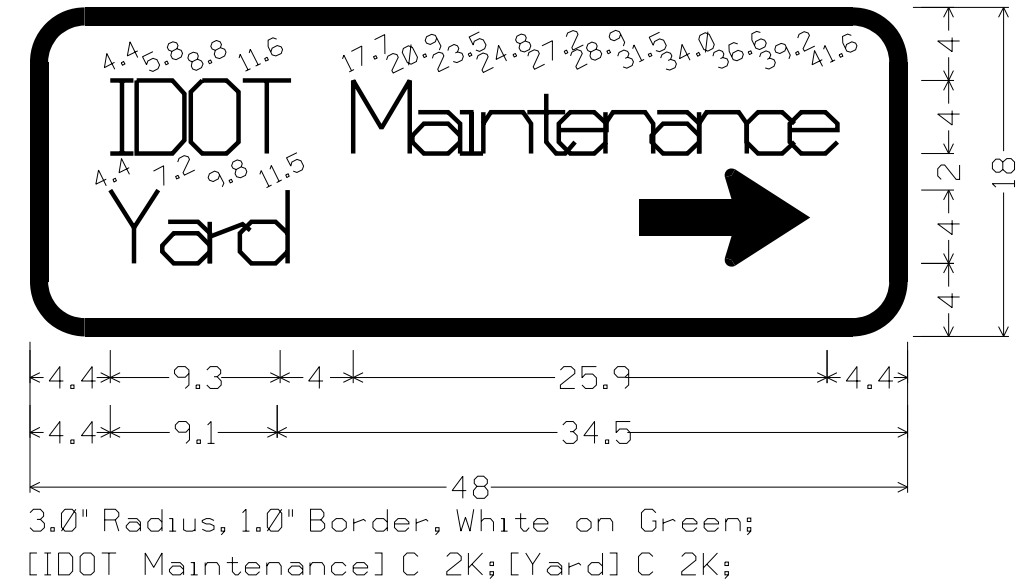
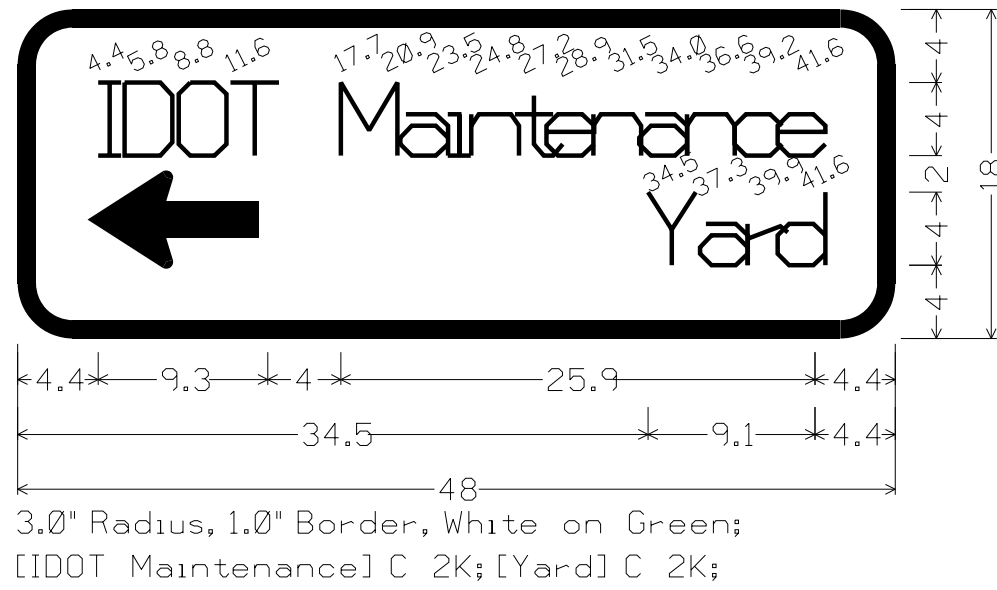
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIGN PANEL DETAILS

SCALE: SHEET 21 OF 25 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		MORGAN	366	224
			CONTRACT NO. 72D21	
ILLINOIS FED. AID PROJECT				

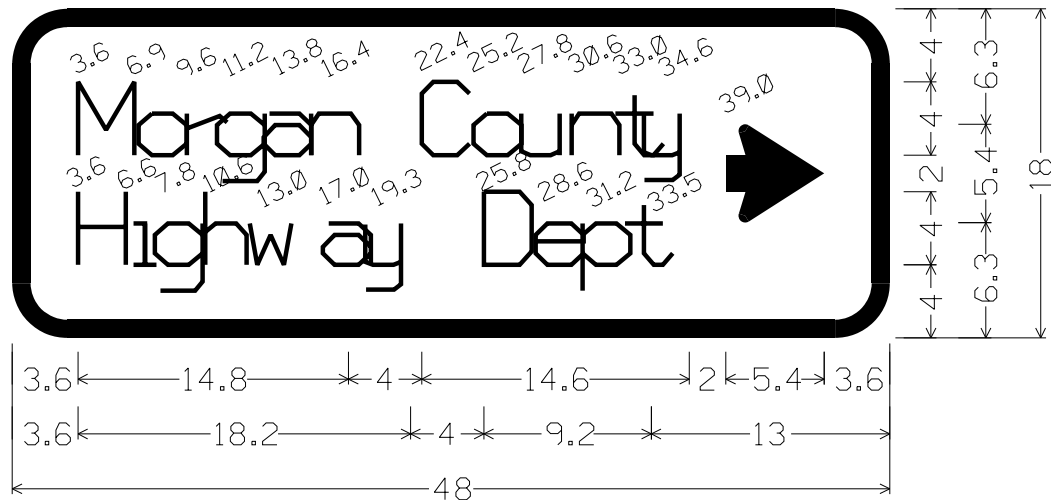
-- 310A, 753
 -- 23BR, RS6, TS-5; 33BR-1, RS4, TS-2



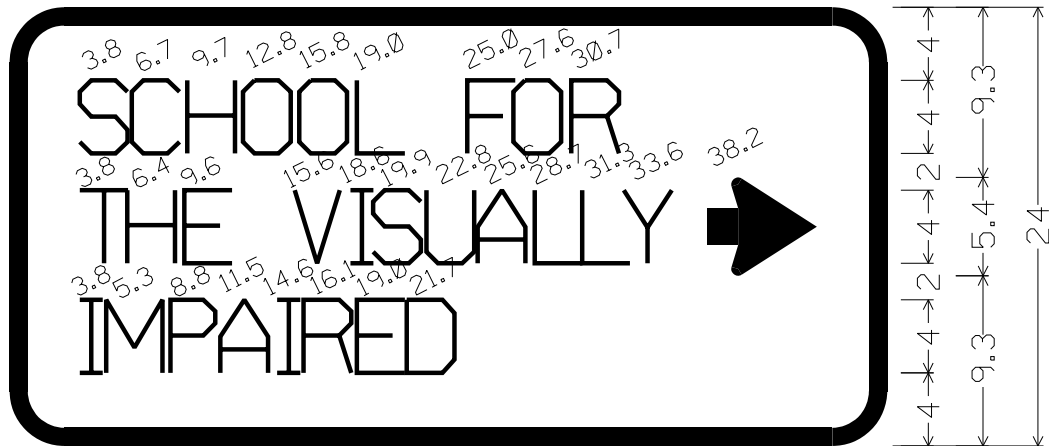
NOTES:
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.
ALL SIGN PANELS SHALL BE FABRICATED WITH TYPE ZZ SHEETING.

310A, 753
23BR, RS6, TS-5; 33BR-1, RS4, TS-2

FILE NAME = p:\11\084EBIDINTEG\illinois.gov\PIDOT\Documents\IDOT Offices\District 6\Projects\0672\Drawings\0672\Signs.dgn	USER NAME = Verenskifa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGN PANEL DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -					•	••	MORGAN	366	226
Default	PLOT DATE = 1/28/2016	DATE - 7-23-2015	REVISED -	SCALE:	SHEET 23 OF 25 SHEETS	STA.	TO STA.	CONTRACT NO. 72D21 ILLINOIS FED. AID PROJECT				



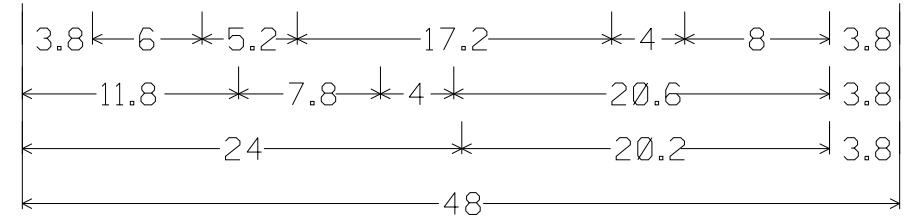
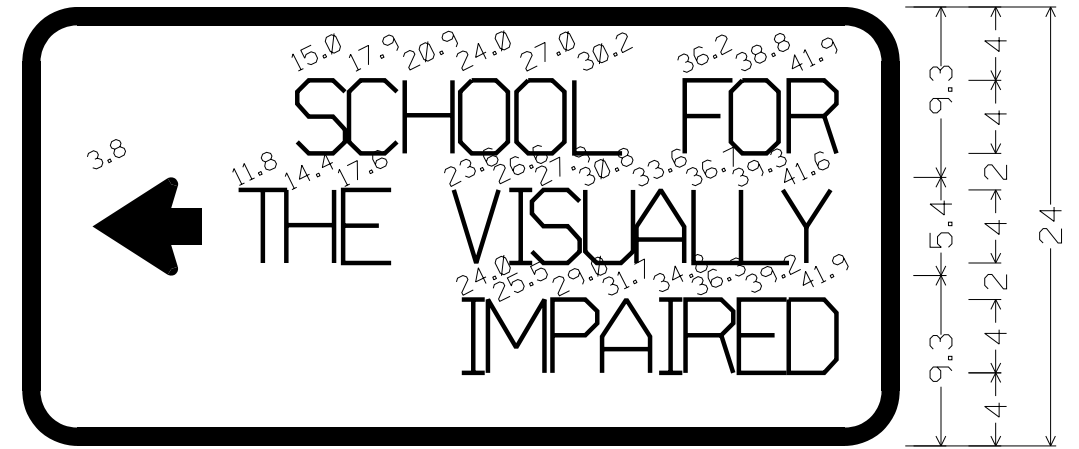
3.0" Radius, 1.0" Border, White on Green;
 [Morgan County] C 2K; [Highway Dept] C 2K;
 Standard Arrow Custom 5.4" X 5.4" 01;



3.0" Radius, 1.0" Border, White on Green;
 [SCHOOL FOR] C 2K; [THE VISUALLY] C 2K;
 [IMPAIRED] C 2K;
 Standard Arrow Custom 6.0" X 5.4" 01;

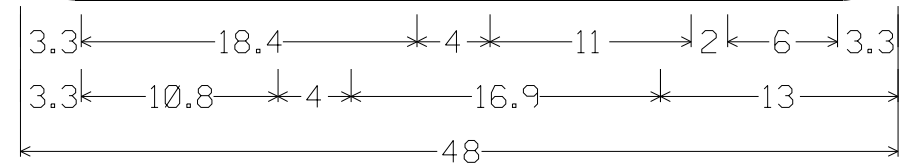
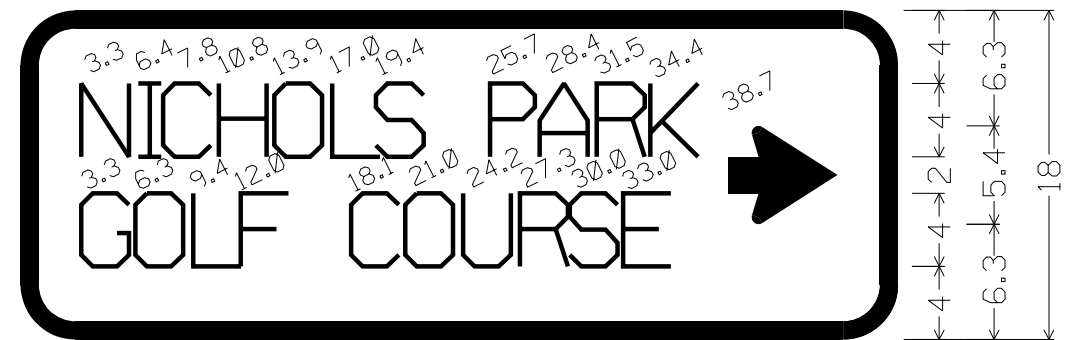
NOTES:

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.
 ALL SIGN PANELS SHALL BE FABRICATED WITH TYPE ZZ SHEETING.



3.0" Radius, 1.0" Border, White on Green;
 Standard Arrow Custom 6.0" X 5.4" 1801;
 [SCHOOL FOR] C 2K; [THE VISUALLY] C 2K;
 [IMPAIRED] C 2K;

5.8



3.0" Radius, 1.0" Border, White on Brown;
 [NICHOLS PARK] C 2K; [GOLF COURSE] C 2K;
 Standard Arrow Custom 6.0" X 5.4" 01;

FILE NAME =	USER NAME = Verenskif	DESIGNED -	REVISED -
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 6\Projects\0672015\Drawings\01 Signs.dgn		CHECKED -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	DATE - 7-23-2015	REVISED -
	PLOT DATE = 1/28/2016		

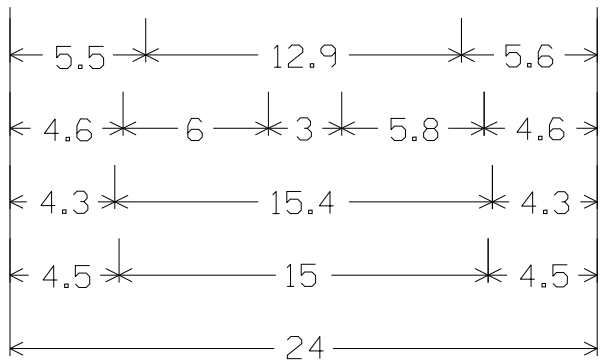
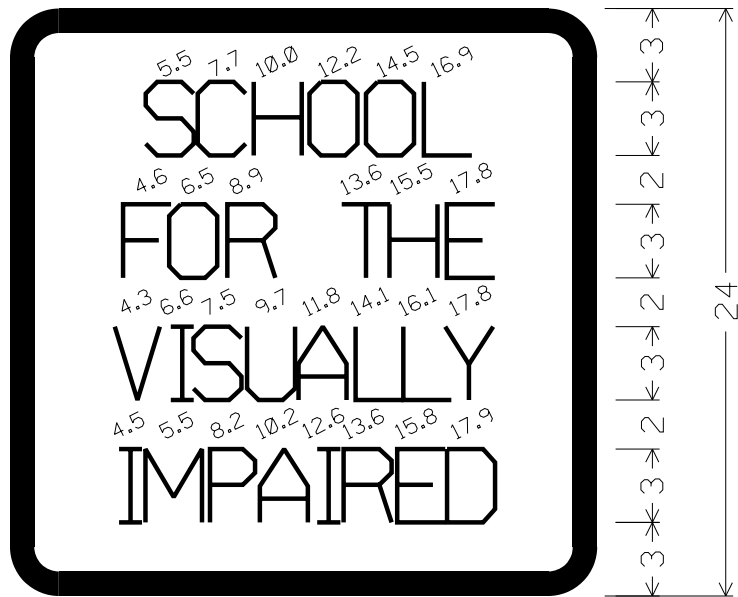
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIGN PANEL DETAILS

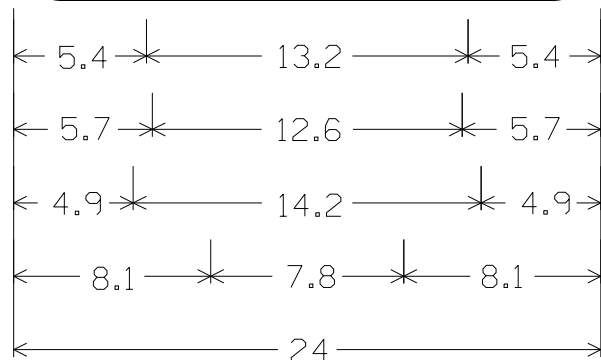
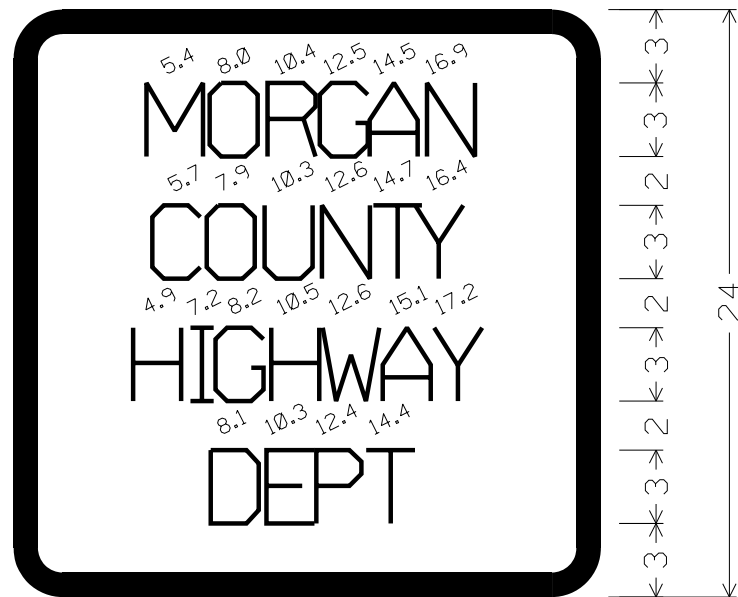
SCALE: SHEET 24 OF 25 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	MORGAN	366	227
CONTRACT NO. 72D21				
ILLINOIS FED. AID PROJECT				

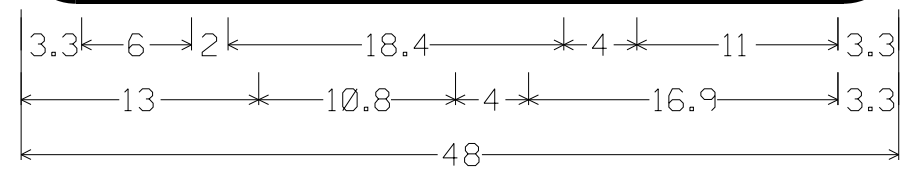
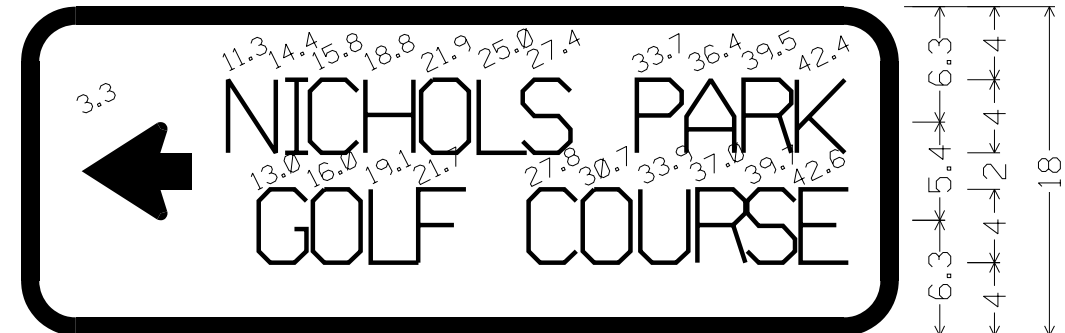
•- 310A, 753
 ••- 23BR, RS6, TS-5; 33BR-1, RS4, TS-2



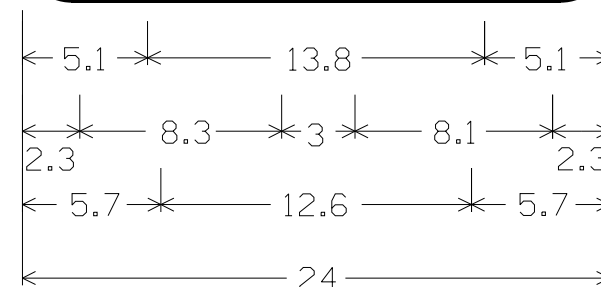
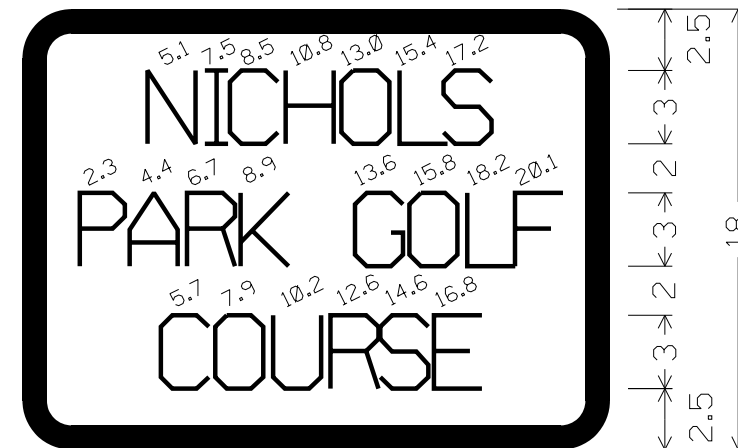
2.0" Radius, 1.0" Border, White on Green;
 [SCHOOL] C 2K;
 [FOR THE] C 2K;
 [VISUALLY] C 2K;
 [IMPAIRED] C 2K;



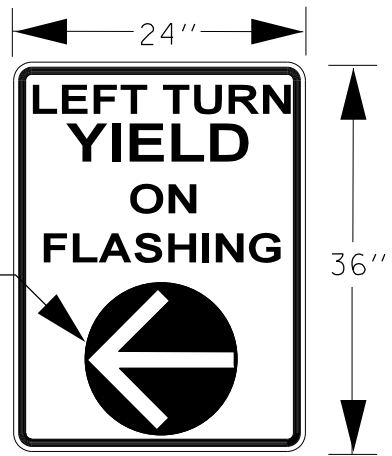
2.0" Radius, 1.0" Border, White on Green;
 [MORGAN] C 2K;
 [COUNTY] C 2K;
 [HIGHWAY] C 2K;
 [DEPT] C 2K;



3.0" Radius, 1.0" Border, White on Brown;
 Standard Arrow Custom 6.0" X 5.4" 180I;
 [NICHOLS PARK] C 2K; [GOLF COURSE] C 2K;



2.0" Radius, 1.0" Border, White on Brown;
 [NICHOLS] C 2K;
 [PARK GOLF] C 2K;
 [COURSE] C 2K;



SIGN PANEL-TYPE 1
 SIGN BACKGROUND: WHITE
 SIGN LETTERING: BLACK

NOTES:
 ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.
 ALL SIGN PANELS SHALL BE FABRICATED WITH TYPE ZZ SHEETING.

YELLOW ARROW ON BLACK BACKGROUND

FILE NAME =	USER NAME = Verenskifc	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGN PANEL DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11084EBIDINTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 6\Projects\0672016\Drawings\0672016 Signs.dgn		CHECKED -	REVISED -		SCALE:	SHEET 25	OF 25 SHEETS	STA.	TO STA.	MORGAN	366	228
Default		DATE - 7-23-2015	REVISED -					CONTRACT NO. 72D21				
					ILLINOIS FED. AID PROJECT							

310A, 753
 23BR, RS6, TS-5; 33BR-1, RS4, TS-2

TRAFFIC SIGNAL PLAN LEGEND

ITEM	REMOVAL	EXISTING	PROPOSED
ALUMINUM MAST ARM ASSEMBLY AND POLE			
STEEL MAST ARM ASSEMBLY AND POLE			
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			
SIGNAL POST			
CONTROLLER CABINET			
MASTER CONTROLLER			
RAILROAD CONTROLLER			
UNINTERRUPTABLE POWER SUPPLY			
TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT MINIMUM			
TEMPORARY WOOD POLE W/ GUY			
SERVICE INSTALLATION (P) POLE OR (G) GROUND MOUNT			
TEMPORARY SIGNAL HEAD			
SIGNAL HEAD (NUMBER INDICATE NUMBER OF SECTIONS)			
SIGNAL HEAD WITH BACKPLATE			
FLASHER INSTALLATION (S DENOTES SOLAR POWER)			
PEDESTRIAN SIGNAL HEAD			
PEDESTRIAN PUSH-BUTTON DETECTOR			
ACCESSIBLE PEDESTRIAN PUSH-BUTTON DETECTOR			
PRIORITY VEHICLE DETECTOR			
CONFORMATION BEACON			
VIDEO DETECTOR SYSTEM			
HANDHOLE			
DOUBLE HANDHOLE			
HEAVY DUTY HANDHOLE			
JUNCTION BOX			
GULFBOX JUNCTION			
CONDUIT SPLICE			

ITEM	REMOVAL	EXISTING	PROPOSED
DETECTOR LOOP LARGE			
DETECTOR LOOP SMALL			
QUADRAPOLE DETECTOR LOOP			
DIRECT CONNECTED LOOP LEAD-IN (TWISTED)			
UNDERGROUND CONDUIT (UC)			

LENGTH - CONSTRUCTION (T=TRENCH, P=PUSHED, A=AGUERED, E= EXISTING)
 SIZE - TYPE (S=STEEL, P=PVC, F=FIBER DUCT, U=UNI-DUCT)

15'-UC
3" PVC

TRAFFIC SIGNAL DETAIL LEGEND

ITEM	REMOVAL	EXISTING	PROPOSED
SIGNAL SECTION - SOLID RED			
SIGNAL SECTION - SOLID YELLOW			
SIGNAL SECTION - SOLID GREEN			
SIGNAL SECTION - RED TURN ARROW			
SIGNAL SECTION - YELLOW TURN ARROW			
SIGNAL SECTION - FLASHING YELLOW ARROW			
SIGNAL SECTION - GREEN TURN ARROW			
PEDESTRIAN SIGNAL HEAD			
PEDESTRIAN SIGNAL HEAD W/ COUNTDOWN TIMER			
TRAFFIC SIGNAL BACKPLATE			
SIGNAL SECTION WITH LOUVRE			
SIGNAL SECTION WITH DUAL INDICATION			
ELECTRIC CABLE (NUMBER INDICATES NUMBER OF CONDUCTORS)			
ELECTRIC CABLE IDENTIFIER TAPE CODES (R=RED, W=WHITE, Y=YELLOW, G=GREEN, B=BLUE, O=ORANGE, V=VIOLET)			
DETECTOR LOOP			
QUADRAPOLE DETECTOR LOOP			

EX TRAFFIC SIGNAL AND REMOVAL NOTES

1. INFORMATION SHOWN ON THE EXISTING TRAFFIC SIGNAL PLANS ARE BASED OFF OF HISTORICAL PLANS AND SHALL BE CONSIDERED FOR INFORMATIONAL PURPOSES ONLY.
2. THE REMOVAL OF LUMINAIRES LOCATED ON THE EXISTING COMBINATION MAST ARM ASSEMBLY AND POLES SHALL BE REMOVED. THE REMOVAL OF THE LUMINAIRES SHALL BE CONSIDERED INCIDENTAL TO "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT" AND WILL NOT BE PAID FOR SEPARATELY.
3. ALL REMOVAL TRAFFIC SIGNAL EQUIPMENT SHALL BECOME THE PROPERTY OF CONTRACTOR.
4. THE REMOVAL OF SIGN AND SIGN ASSEMBLIES ATTACHED TO EXISTING MAST ARM AND SIGNAL POLES ARE TO BE PAID FOR AS "SIGN PANEL REMOVAL AND SIGN ASSEMBLY REMOVAL" SEE SIGN SCHEDULE FOR QUANTITIES.
5. EXISTING CONDUITS AND ELECTRIC CABLES SHALL BE DISCONNECTED AT THE EXISTING HANDHOLES AND SIGNAL FOUNDATIONS. ANY CONDUIT AND ELECTRIC CABLE OUTSIDE THESE LOCATIONS SHALL BE TERMINATED AND ABANDONED. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO "REMOVE EXISTING HANDHOLE AND REMOVE EXISTING CONCRETE FOUNDATION" AND WILL NOT BE PAID FOR SEPARATELY.

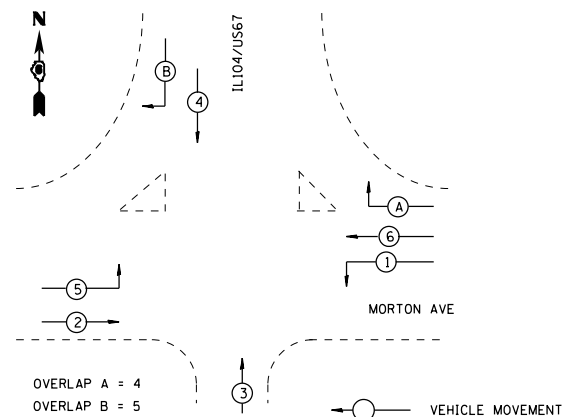
PR TRAFFIC SIGNAL NOTES

1. UTILITY INFORMATION SHOWN ON THE PLAN SHEETS IS CONSIDERED TO BE FOR INFORMATION ONLY. ALL SUBSURFACE UTILITIES SHALL BE POTHOLED IN THE VICINITY OF THE PROPOSED CONCRETE SIGNAL FOUNDATIONS TO DETERMINE ACTUAL LOCATION OF THE VARIOUS UTILITIES. ANY ADJUSTMENTS THAT NEED TO BE MADE TO AVOID EXISTING UTILITIES SHALL BE APPROVED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY AND SHALL BE CONSIDERED INCLUDED IN THE COST OF "CONCRETE FOUNDATIONS, TYPE A, C, & E."
2. PROPOSED SIGNAL HEADS SHALL BE COVERED BY A METHOD APPROVED BY THE ENGINEER UNTIL THEY ARE PERMANENTLY TURNED ON.
3. WHEN TRANSITIONING FROM TEMPORARY TO PROPOSED SIGNALS, THE INTERSECTION SHALL BE PLACED ON FLASHING RED MODE AND ALL DIRECTIONS SHALL BE FLAGGED UNTIL THE PROPOSED SIGNALS ARE FUNCTIONING PROPERLY.
4. SEE SIGN DETAIL SHEETS FOR PROPOSED SIGN AND SIGN ASSEMBLIES ATTACHED TO SIGNAL POLES AND MAST ARMS.
5. SEE BORING LOGS FOR EXPECTED SOIL TYPES WHEN DRILLING FOR CONCRETE FOUNDATIONS, TYPE E.

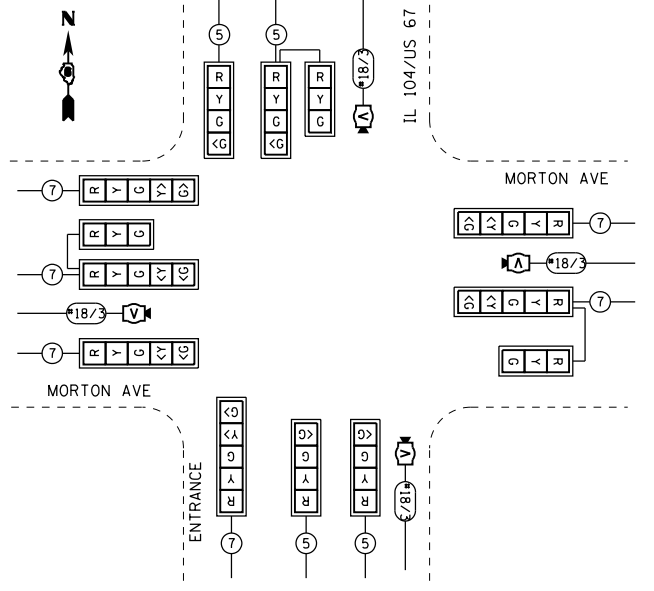
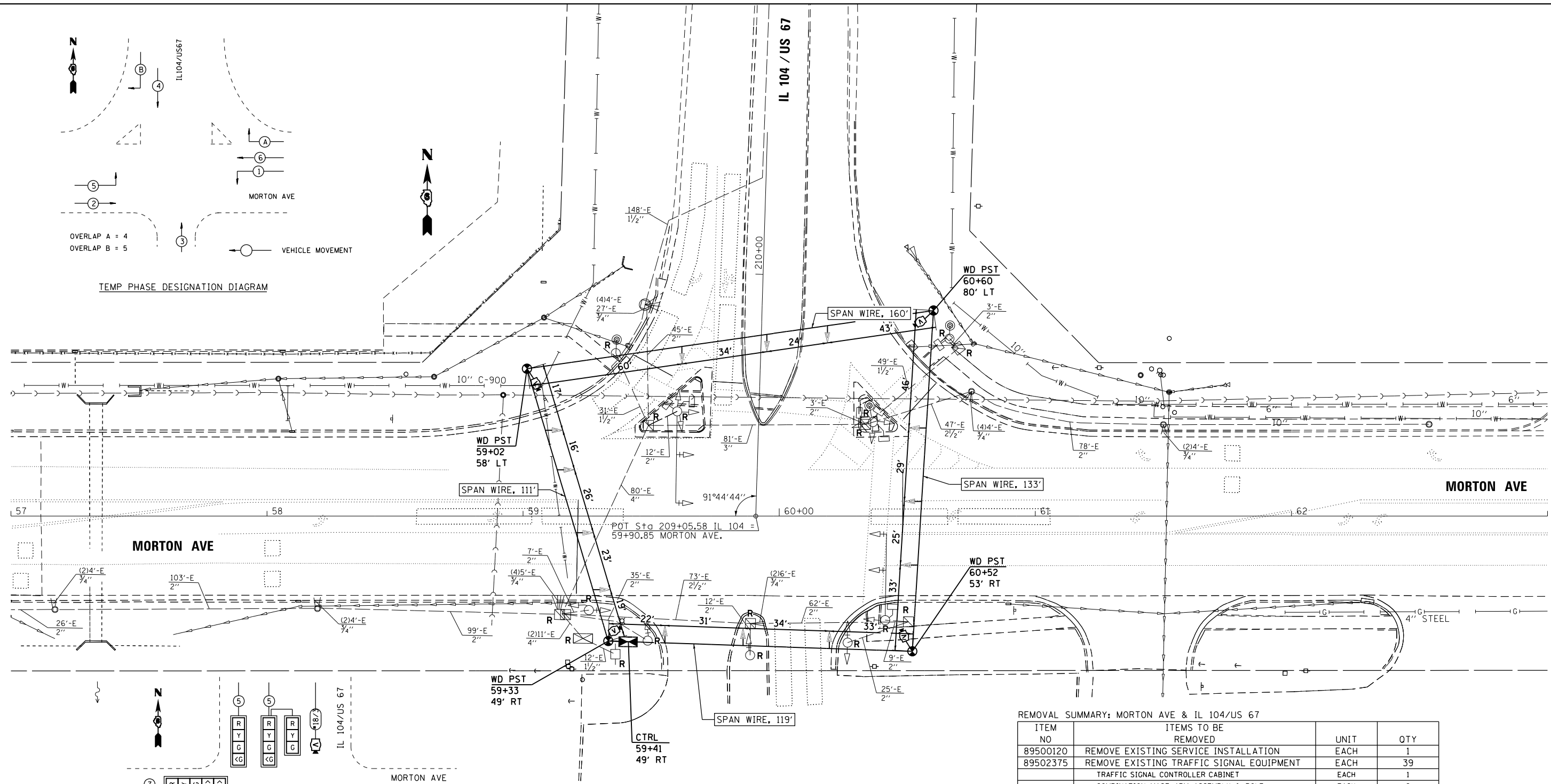
TEMPORARY TRAFFIC SIGNAL NOTES

1. TEMPORARY CONTROLLER CABINETS ARE TO BE FURNISHED BY THE CONTRACTOR AND EQUIPPED WITH VIDEO DETECTION INTERFACE CABLES.
2. TEMPORARY SIGNALS SHALL BE OPERATIONAL PRIOR TO THE REMOVAL OF THE EXISTING SIGNALS.
3. TEMPORARY POLES SHALL BE GUYED OR ANCHORED TO THE SATISFACTION OF THE ENGINEER. ANY ADJUSTMENTS SHALL BE CONSIDERED PART OF THE PAY ITEM FOR "TEMPORARY TRAFFIC SIGNAL INSTALLATION."
4. POLES USED FOR TEMPORARY SIGNAL INSTALLATION SHALL PROVIDE FOR MINIMUM OF 35 FT MOUNTING HEIGHT FOR VIDEO CAMERAS.
5. THE PROPOSED VIDEO VEHICLE DETECTION SYSTEM SHALL BE UTILIZED IN CONJUNCTION WITH THE TEMPORARY TRAFFIC SIGNALS. ONCE THE PROPOSED TRAFFIC SIGNALS AND EQUIPMENT ARE OPERATIONAL, THE VIDEO VEHICLE DETECTION SYSTEM SHALL BE RELOCATED TO THE MAST ARM LOCATIONS ARE DESIGNATED IN THE PLANS. THIS WORK SHALL BE PAID FOR, PER INTERSECTION, AS "RELOCATE VIDEO VEHICLE DETECTION SYSTEM."
6. EXISTING SERVICE TO BE UTILIZED FOR TEMPORARY SIGNALS.

FILE NAME =	USER NAME = Verenskifa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL NOTES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 6\Projects\0672016\Drawings\Traffic\0672021-shr-TS.dgn	PLotted	CHECKED -	REVISED -					•	***	MORGAN	366	230
Default	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -		SCALE:	SHEET 2 OF 56 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			
	PLOT DATE = 1/28/2016	DATE -	REVISED -						CONTRACT NO. 72D21			



TEMP PHASE DESIGNATION DIAGRAM



TEMPORARY TRAFFIC SIGNAL DETAIL

REMOVAL SUMMARY: MORTON AVE & IL 104/US 67

ITEM NO	ITEMS TO BE REMOVED	UNIT	QTY
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	39
	TRAFFIC SIGNAL CONTROLLER CABINET	EACH	1
	COMBINATION MAST ARM ASSEMBLY & POLE	EACH	2
	SIGNAL POST	EACH	7
	SIGNAL HEAD, 3 SECTION	EACH	6
	SIGNAL HEAD, 4 SECTION	EACH	3
	SIGNAL HEAD, 5 SECTION	EACH	8
	PEDESTRIAN SIGNAL HEAD	EACH	7
	PEDESTRIAN PUSHBUTTON	EACH	5
89502380	REMOVE EXISTING HANDHOLE	EACH	5
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	10

TEMPORARY SIGNAL: MORTON AVE & IL 104/US 67

ITEM NO	ITEM	UNIT	QTY
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1

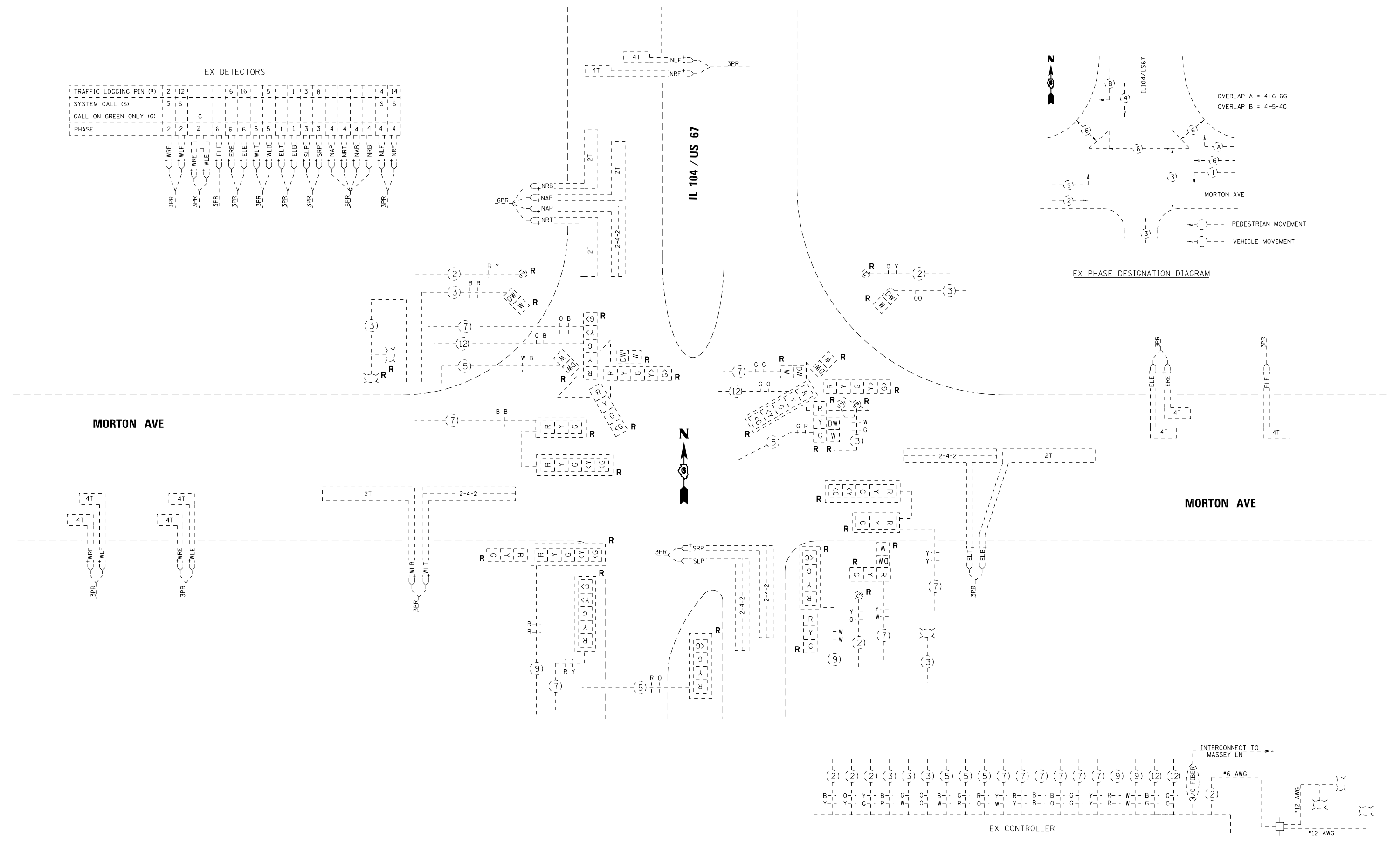
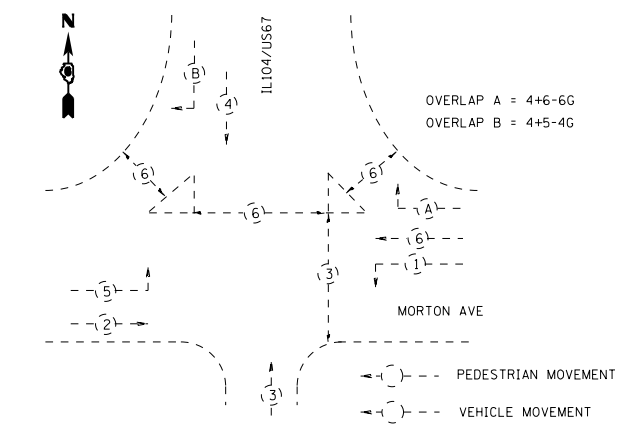
FILE NAME =	USER NAME = Verenskif	DESIGNED - DMS	REVISED -
pw\1\084EBIDINTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 6\Projects\0672016\Drawings\Traffic\MS72021-sht-TS.dgn		CHECKED -	REVISED -
Default	PLOT DATE = 1/28/2016	DATE - 3-3-2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EX TRAFFIC SIGNAL PLAN			
IL 104 (MORTON AVE) & IL 104/US 67			
SCALE:	SHEET 3	OF 56 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	...	MORGAN	366	231
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72D21	

EX DETECTORS	TRAFFIC LOGGING PIN (#)	SYSTEM CALL (S)	CALL ON GREEN ONLY (G)	PHASE
	2	12		3PR
	5	5		3PR
	2		G	3PR
	6	16		3PR
	6			3PR
	5			3PR
	1			3PR
	3			3PR
	8			3PR
	4			3PR
	14			3PR

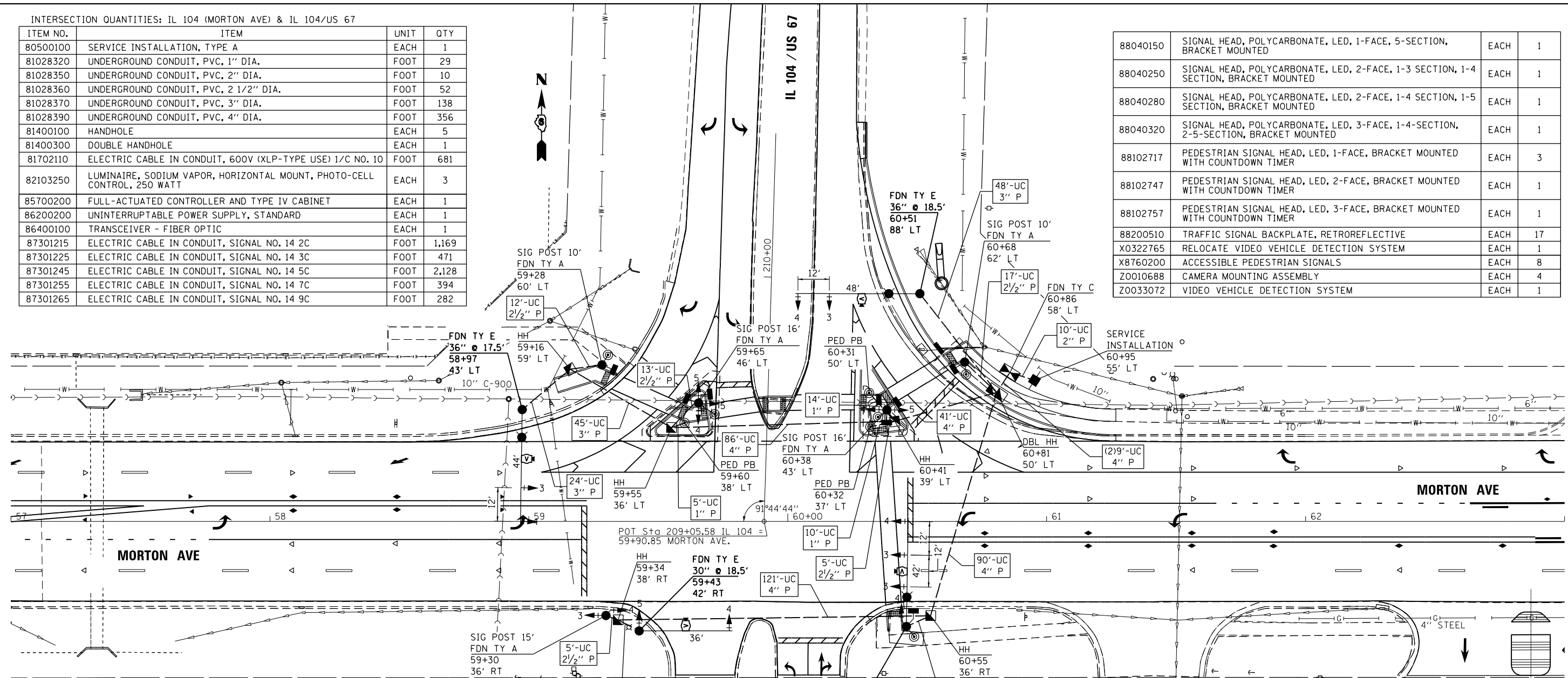


FILE NAME =	USER NAME = Verenskifa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EX TRAFFIC SIGNAL DETAIL IL 104 (MORTON AVE) & IL 104/US 67	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\IL084EBIDINTEG.illinois.gov\PIWDD\Documents\DOT Offices\District 6\Projects\0672015\Traffic\0672021-sht-TS.dgn		CHECKED -	REVISED -				...	MORGAN	366	232	
Default	PLOT SCALE = 40.0000' / in.	DATE - 3-3-2015	REVISED -			SCALE:	SHEET 4 OF 56 SHEETS	TO STA.	ILLINOIS FED. AID PROJECT		
	PLOT DATE = 1/28/2016					310A, 753 *** 23BR,RS6,TS-5;33BR-1,RS4,TS-2					

INTERSECTION QUANTITIES: IL 104 (MORTON AVE) & IL 104/US 67

ITEM NO.	ITEM	UNIT	QTY
80500100	SERVICE INSTALLATION, TYPE A	EACH	1
81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	29
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	10
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	52
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	138
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	356
81400100	HANDHOLE	EACH	5
81400300	DOUBLE HANDHOLE	EACH	1
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	681
82103250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 250 WATT	EACH	3
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1
86400100	TRANSCIEVER - FIBER OPTIC	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,169
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	471
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2,128
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	394
87301265	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 9C	FOOT	282

88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
88040250	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED	EACH	1
88040280	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-4 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1
88040320	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 1-4-SECTION, 2-5-SECTION, BRACKET MOUNTED	EACH	1
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	3
88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1
88102757	PEDESTRIAN SIGNAL HEAD, LED, 3-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	17
X0322765	RELOCATE VIDEO VEHICLE DETECTION SYSTEM	EACH	1
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	4
Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	1

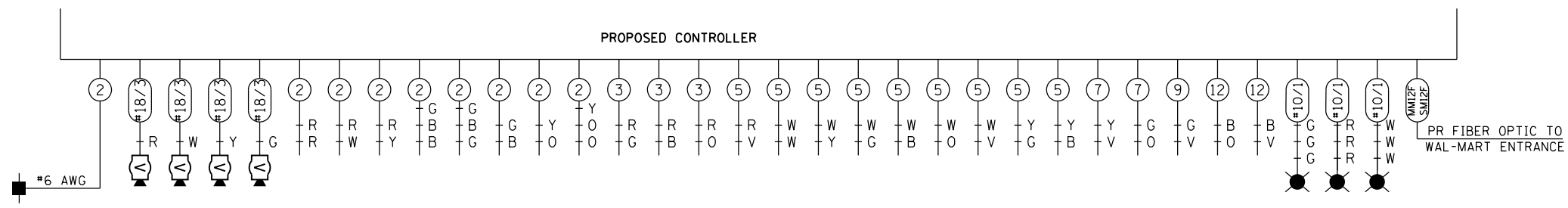
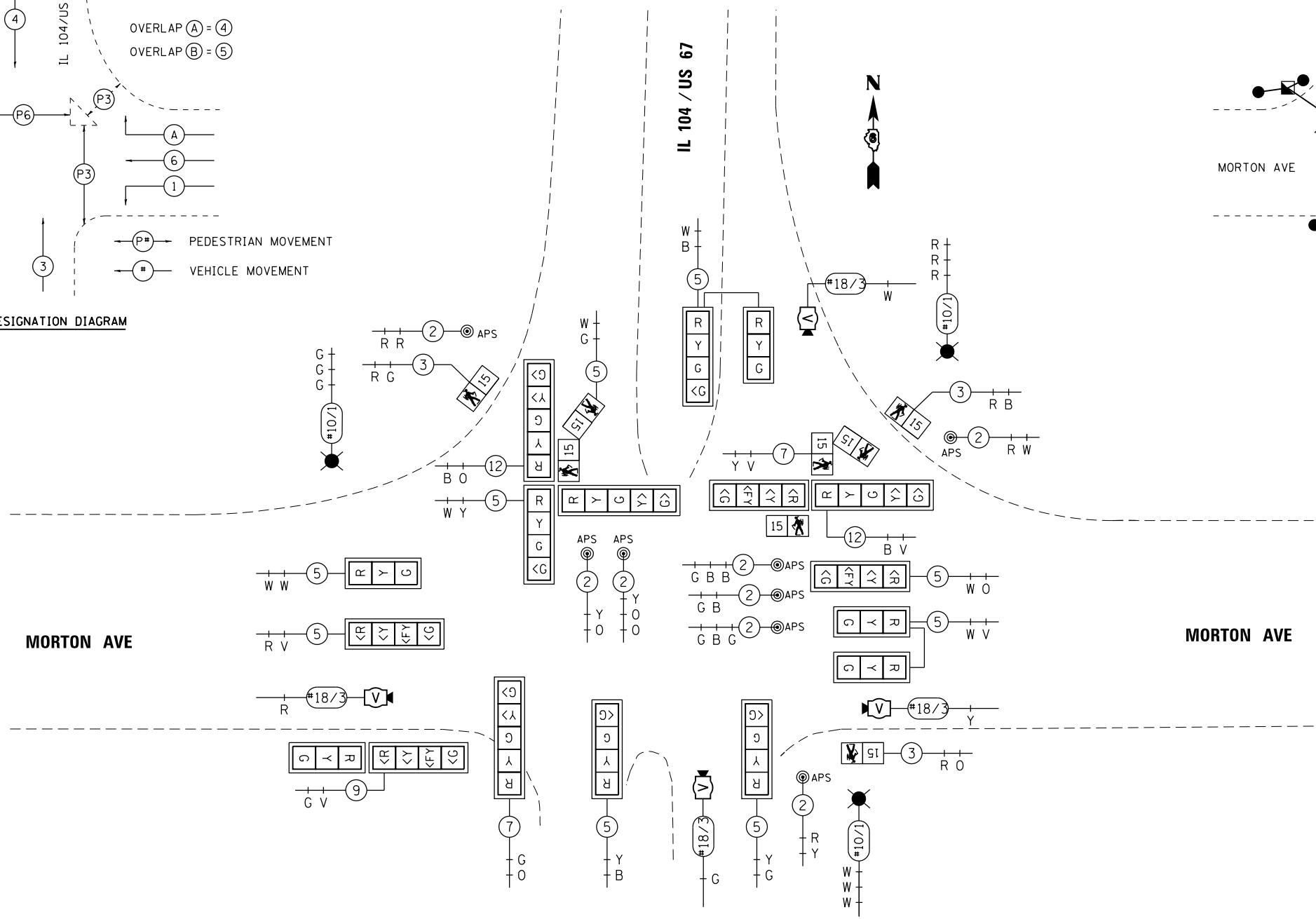
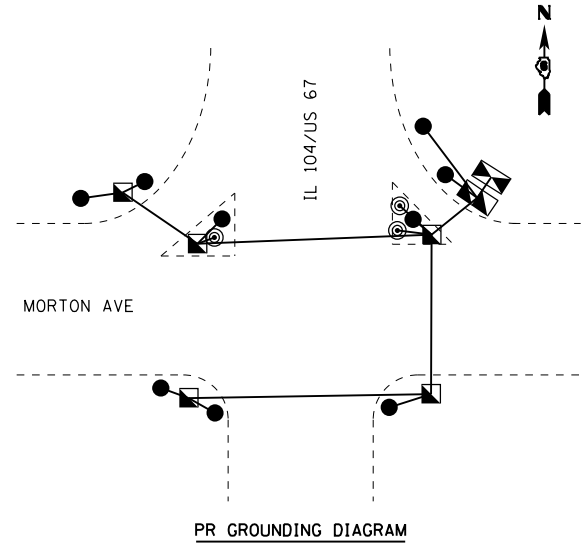
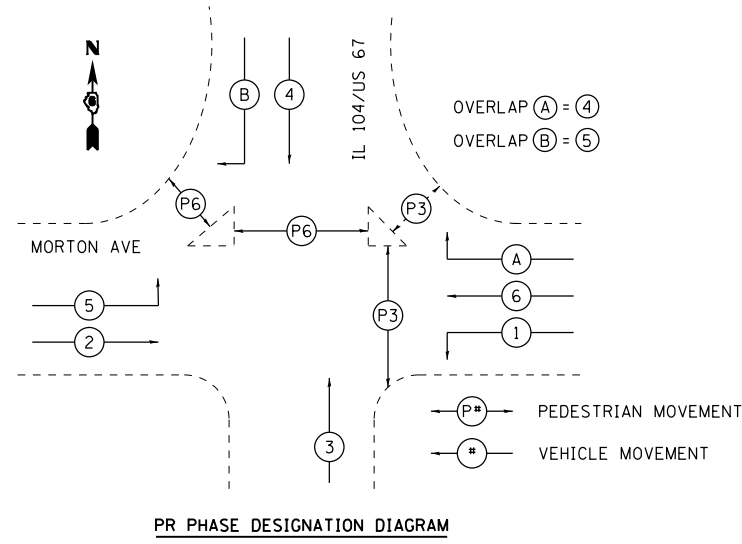


87301275	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 12C	FOOT	314
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	1,022
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	43
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	585
87502640	TRAFFIC SIGNAL POST, ALUMINUM 10 FT.	EACH	2
87502690	TRAFFIC SIGNAL POST, ALUMINUM 15 FT.	EACH	1
87502700	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	2
87602000	PEDESTRIAN PUSH-BUTTON POST	EACH	3
87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1
87702940	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	1
87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1
87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	15
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3.5
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	18.5
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	53
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	1
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	4

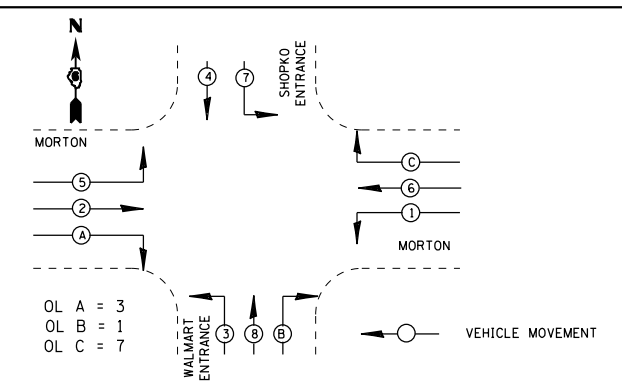
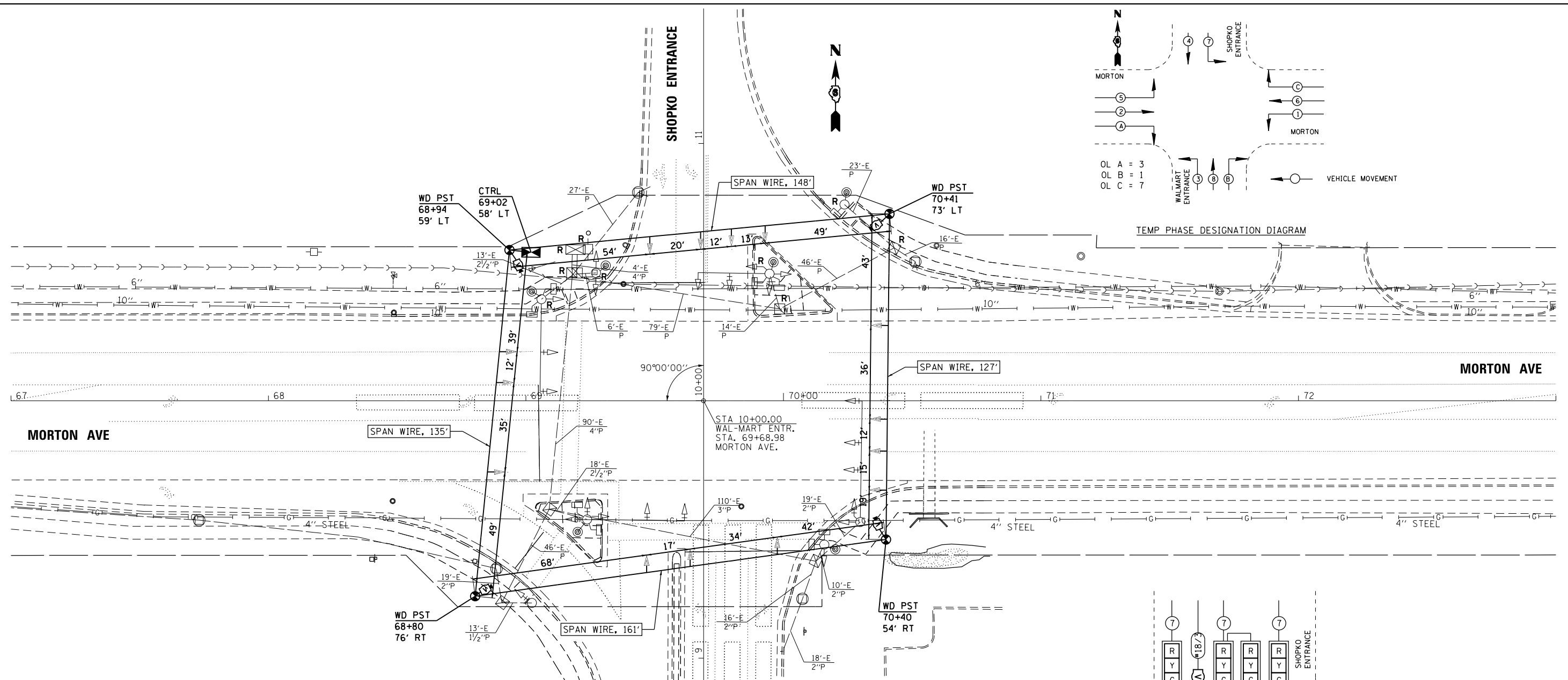
MAST ARM SUMMARY: IL 104 (MORTON AVE) & IL 104/US 67

STATION	OFFSET, FT	MAST ARM LENGTH, FT	FDN DIA, FT	FDN LENGTH, FT
STA 58+95	43 LT	44	36	17.5
STA 60+51	88 LT	48	36	18.5
STA 60+46	41 RT	42	36	17
STA 59+43	42 RT	36	30	18.5

THE FOUNDATION DEPTH DOES NOT MATCH STANDARD 878001-09. FOUNDATION DETAIL. FOUNDATION DEPTH ABOVE ARE BASED ON GEOTECHNICAL INVESTIGATION.



FILE NAME =	USER NAME = Verenskif	DESIGNED - DMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PR TRAFFIC SIGNAL DETAIL IL 104 (MORTON AVE) & IL 104/US67		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\IL084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 6\Projects\0672015\Traffic\Signal\72021-sht-TS.dgn		CHECKED -	REVISED -		SCALE:	SHEET 6 OF 56 SHEETS	STA.	TO STA.	MORGAN	366	234
Default	PLOT SCALE = 40.0000' / in.	DATE - 3-3-2015	REVISED -					CONTRACT NO. 72D21		ILLINOIS FED. AID PROJECT	
	PLOT DATE = 1/28/2016							310A, 753 *** 23BR,RS6,TS-5;33BR-1,RS4,TS-2			

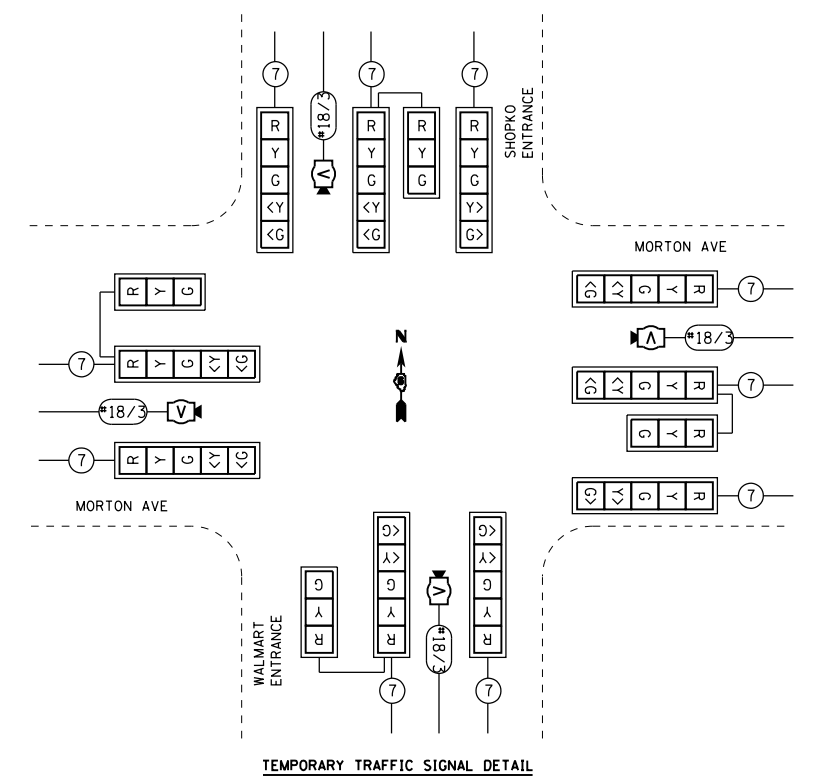


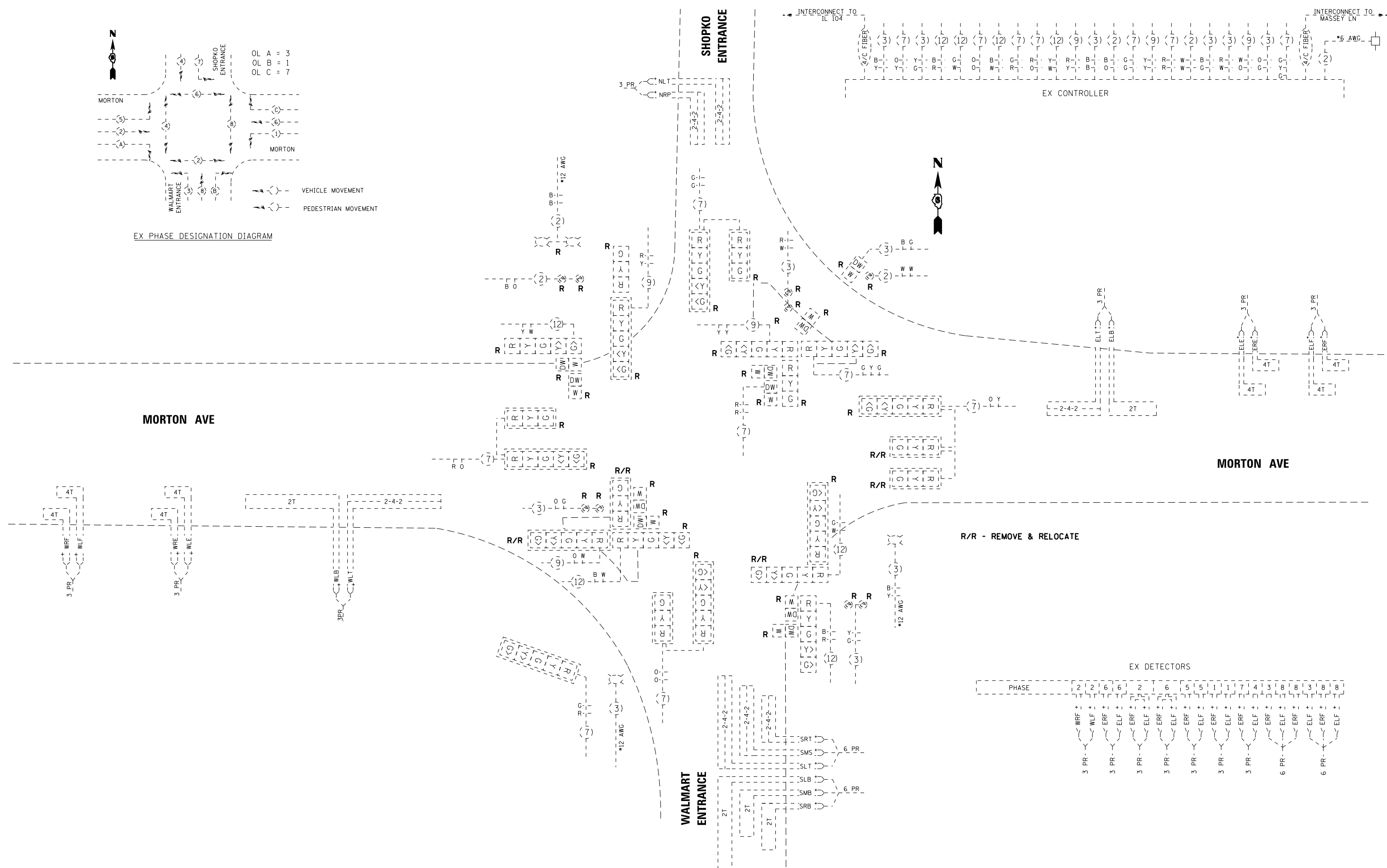
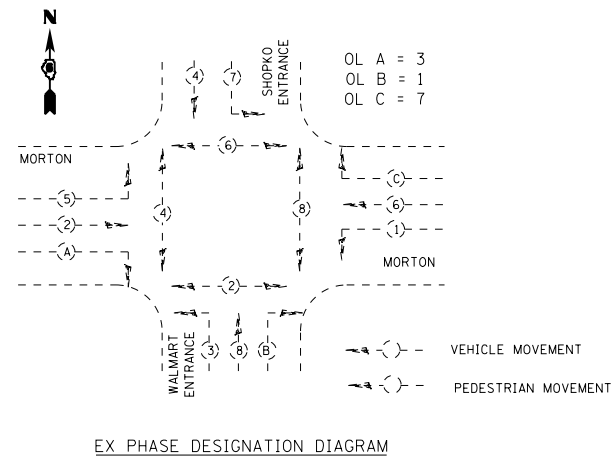
REMOVAL SUMMARY: MORTON AVE & WALMART/SHOPKO ENT

ITEM NO	ITEMS TO BE REMOVED	UNIT	QTY
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	38
	TRAFFIC SIGNAL CONTROLLER CABINET	EACH	1
	COMBINATION MAST ARM ASSEMBLY & POLE	EACH	1
	MAST ARM ASSEMBLY & POLE	EACH	1
	SIGNAL POST	EACH	2
	SIGNAL HEAD, 3 SECTION	EACH	4
	SIGNAL HEAD, 5 SECTION	EACH	10
	PEDESTRIAN SIGNAL HEAD	EACH	10
	PEDESTRIAN PUSHBUTTON	EACH	9
89502380	REMOVE EXISTING HANDHOLE	EACH	3
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	5

TEMPORARY SIGNAL: MORTON AVE & WALMART/SHOPKO ENT

ITEM NO	ITEM	UNIT	QTY
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1



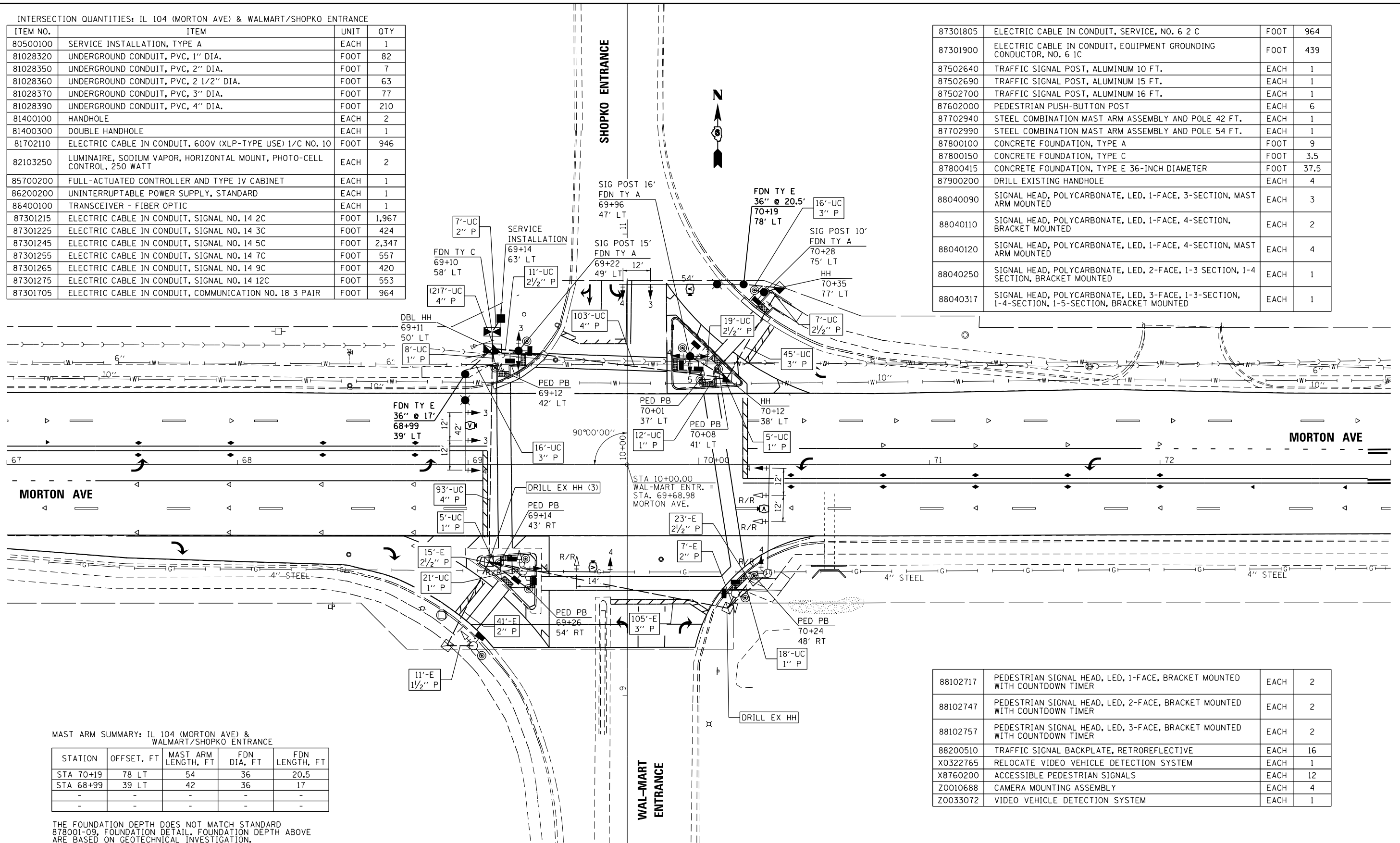


FILE NAME =	USER NAME = Verenskif	DESIGNED - DMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EX TRAFFIC SIGNAL DETAIL IL 104 (MORTON AVE) & WALMART/SHOPKO ENTRANCE			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\ill084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 6\Projects\0672016\Drawings\Traffic\MS72021-shr-TS.dgn		CHECKED -	REVISED -			SCALE: SHEET 8 OF 56 SHEETS STA. TO STA.			•••	MORGAN	366	236
Default	PLOT SCALE = 40.0000' / in.	DATE - 3-3-2015	REVISED -			ILLINOIS FED. AID PROJECT			CONTRACT NO. 72D21			
	PLOT DATE = 1/28/2016					310A, 753 ••• 23BR,RS6,TS-5;33BR-1,RS4,TS-2						

INTERSECTION QUANTITIES: IL 104 (MORTON AVE) & WALMART/SHOPKO ENTRANCE

ITEM NO.	ITEM	UNIT	QTY
80500100	SERVICE INSTALLATION, TYPE A	EACH	1
81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	82
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	7
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	63
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	77
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	210
81400100	HANDHOLE	EACH	2
81400300	DOUBLE HANDHOLE	EACH	1
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	946
82103250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 250 WATT	EACH	2
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1
86400100	TRANSCEIVER - FIBER OPTIC	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,967
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	424
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2,347
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	557
87301265	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 9C	FOOT	420
87301275	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 12C	FOOT	553
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	964

87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	964
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	439
87502640	TRAFFIC SIGNAL POST, ALUMINUM 10 FT.	EACH	1
87502690	TRAFFIC SIGNAL POST, ALUMINUM 15 FT.	EACH	1
87502700	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	1
87602000	PEDESTRIAN PUSH-BUTTON POST	EACH	6
87702940	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	1
87702990	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	9
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3.5
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	37.5
87900200	DRILL EXISTING HANDHOLE	EACH	4
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	3
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	4
88040250	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED	EACH	1
88040317	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 1-3-SECTION, 1-4-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	1

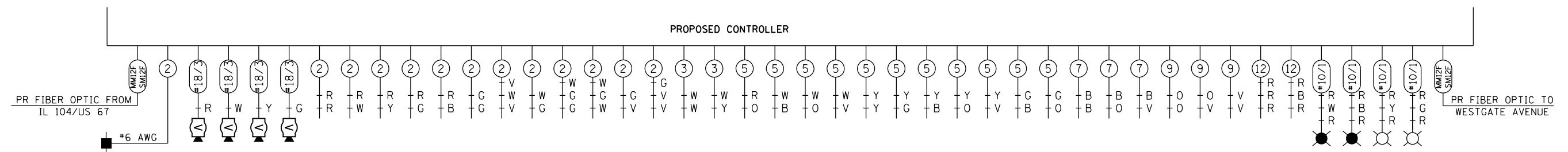
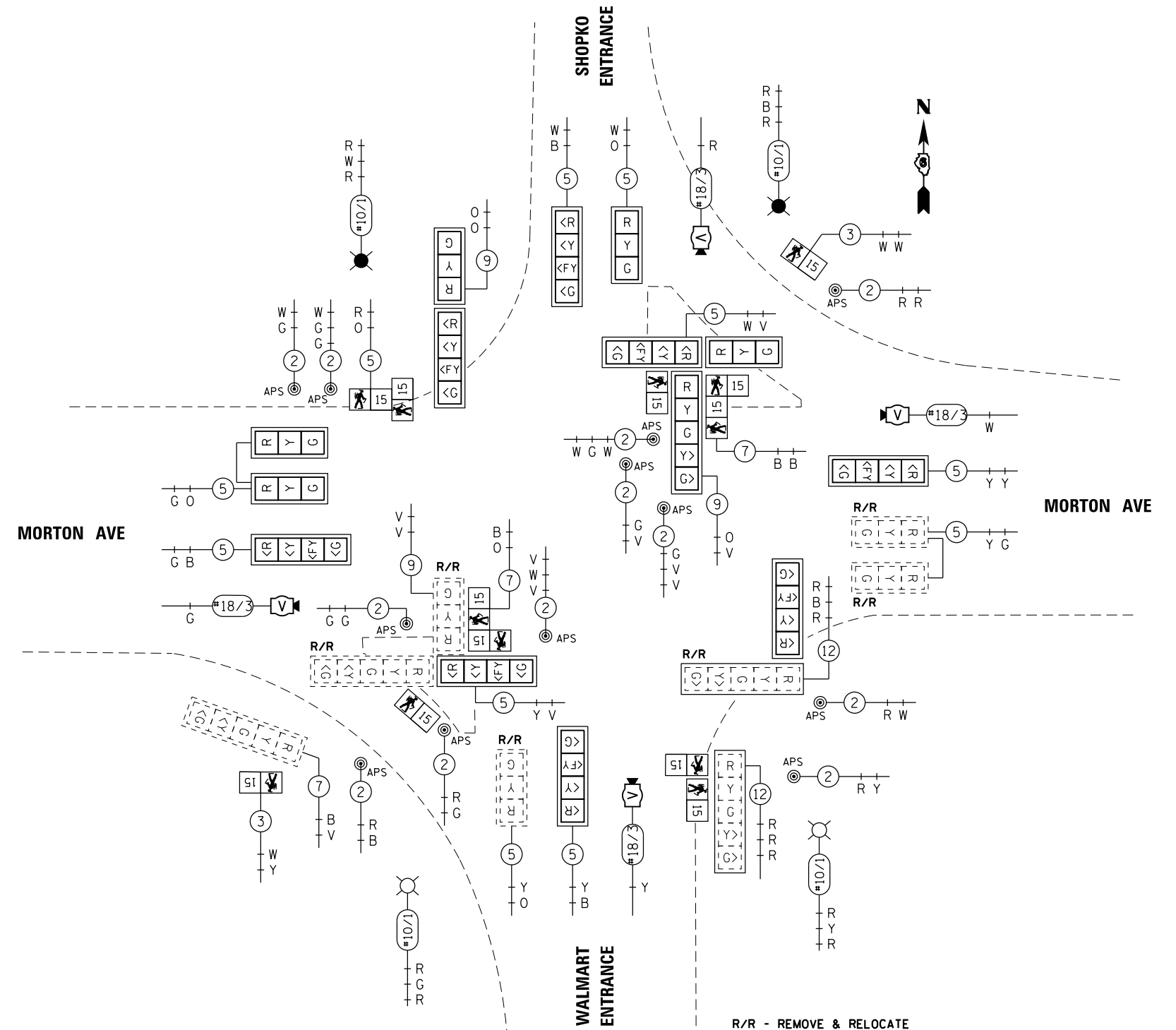
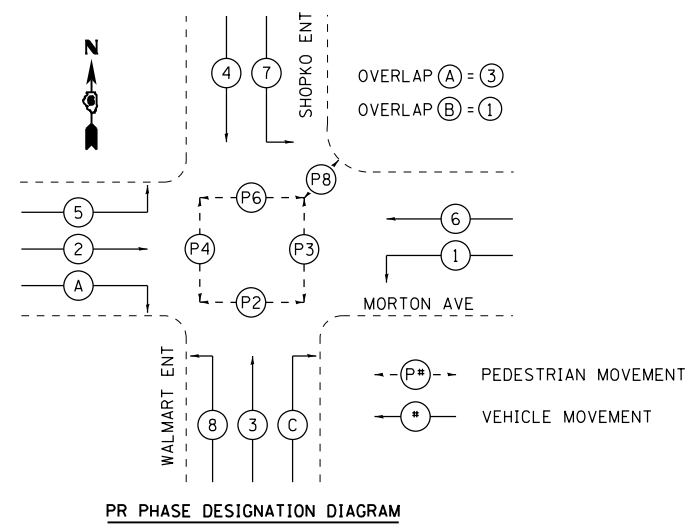
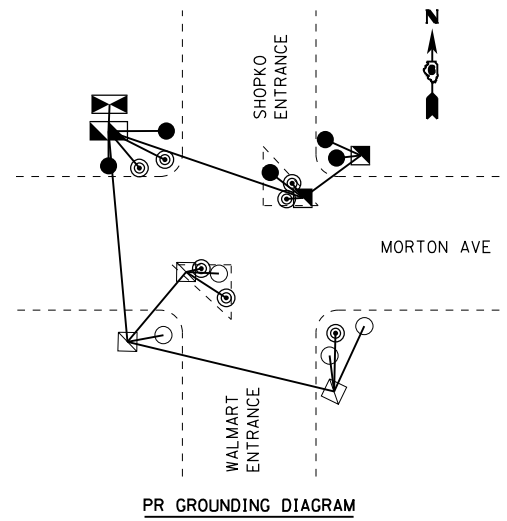


MAST ARM SUMMARY: IL 104 (MORTON AVE) & WALMART/SHOPKO ENTRANCE

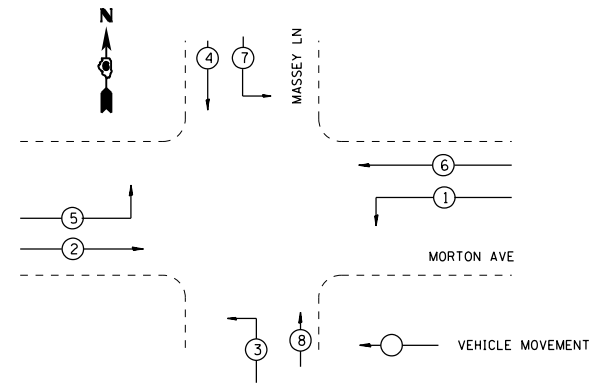
STATION	OFFSET, FT	MAST ARM LENGTH, FT	FDN DIA, FT	FDN LENGTH, FT
STA 70+19	78 LT	54	36	20.5
STA 68+99	39 LT	42	36	17
-	-	-	-	-
-	-	-	-	-

THE FOUNDATION DEPTH DOES NOT MATCH STANDARD 878001-09, FOUNDATION DETAIL. FOUNDATION DEPTH ABOVE ARE BASED ON GEOTECHNICAL INVESTIGATION.

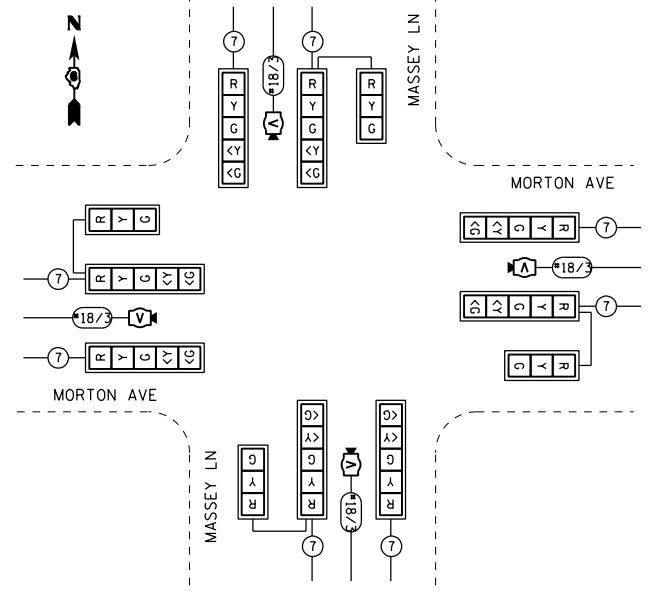
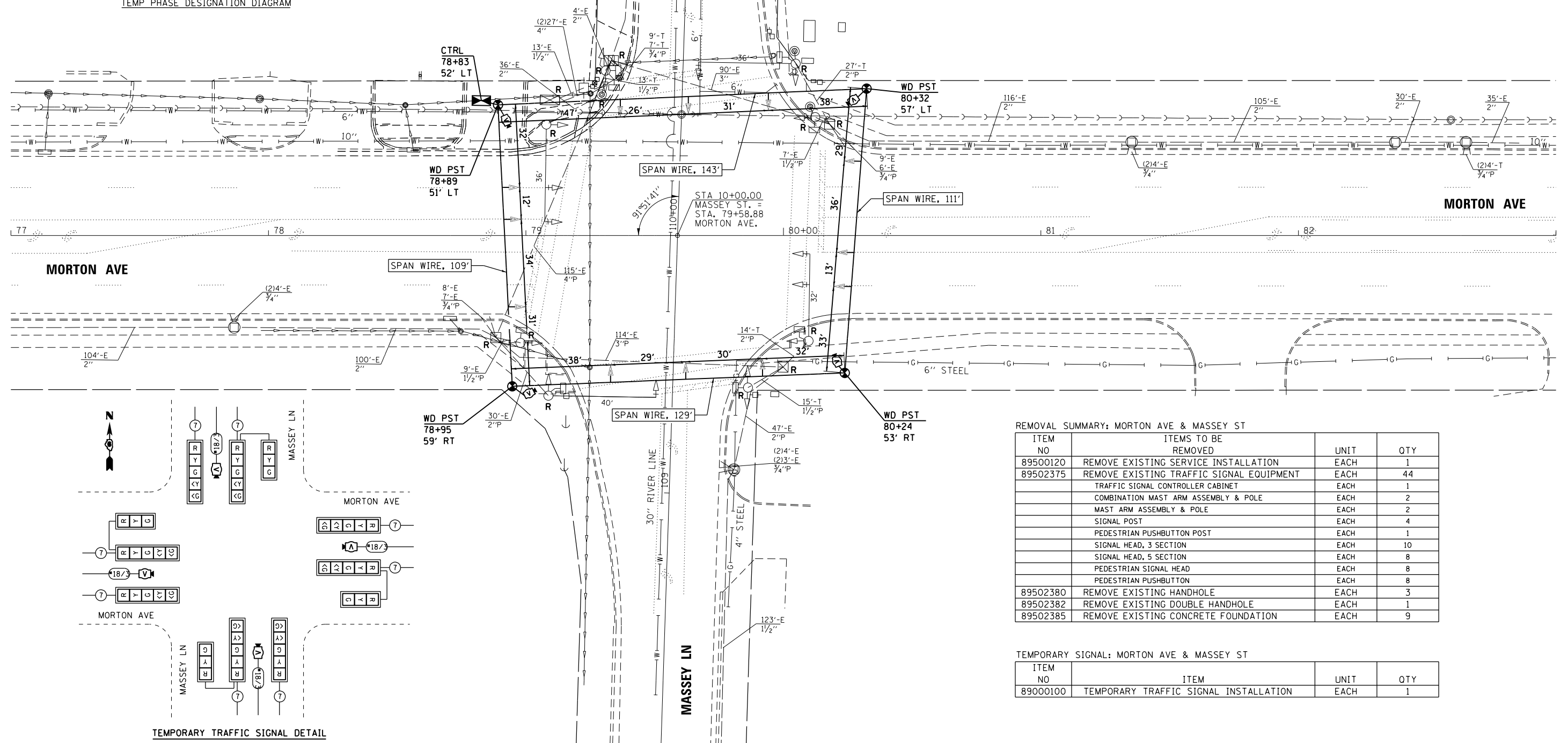
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
88102757	PEDESTRIAN SIGNAL HEAD, LED, 3-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	16
X0322765	RELOCATE VIDEO VEHICLE DETECTION SYSTEM	EACH	1
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	12
Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	4
Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	1



FILE NAME =	USER NAME = Verenskif	DESIGNED - DMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PR TRAFFIC SIGNAL DETAIL IL 104 (MORTON AVE) & WALMART/SHOPKO ENTRANCE		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWDD\Documents\DOT Offices\District 6\Projects\0672015\Traffic\Signal\72021-sht-TS.dgn		CHECKED -	REVISED -		SCALE:	SHEET 10 OF 56 SHEETS	STA.	TO STA.	MORGAN	366	238
Default		DATE - 3-3-2015	REVISED -		CONTRACT NO. 72D21						
					ILLINOIS FED. AID PROJECT						



TEMP PHASE DESIGNATION DIAGRAM



TEMPORARY TRAFFIC SIGNAL DETAIL

REMOVAL SUMMARY: MORTON AVE & MASSEY ST

ITEM NO	ITEMS TO BE REMOVED	UNIT	QTY
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	44
	TRAFFIC SIGNAL CONTROLLER CABINET	EACH	1
	COMBINATION MAST ARM ASSEMBLY & POLE	EACH	2
	MAST ARM ASSEMBLY & POLE	EACH	2
	SIGNAL POST	EACH	4
	PEDESTRIAN PUSHBUTTON POST	EACH	1
	SIGNAL HEAD, 3 SECTION	EACH	10
	SIGNAL HEAD, 5 SECTION	EACH	8
	PEDESTRIAN SIGNAL HEAD	EACH	8
	PEDESTRIAN PUSHBUTTON	EACH	8
89502380	REMOVE EXISTING HANDHOLE	EACH	3
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	9

TEMPORARY SIGNAL: MORTON AVE & MASSEY ST

ITEM NO	ITEM	UNIT	QTY
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1

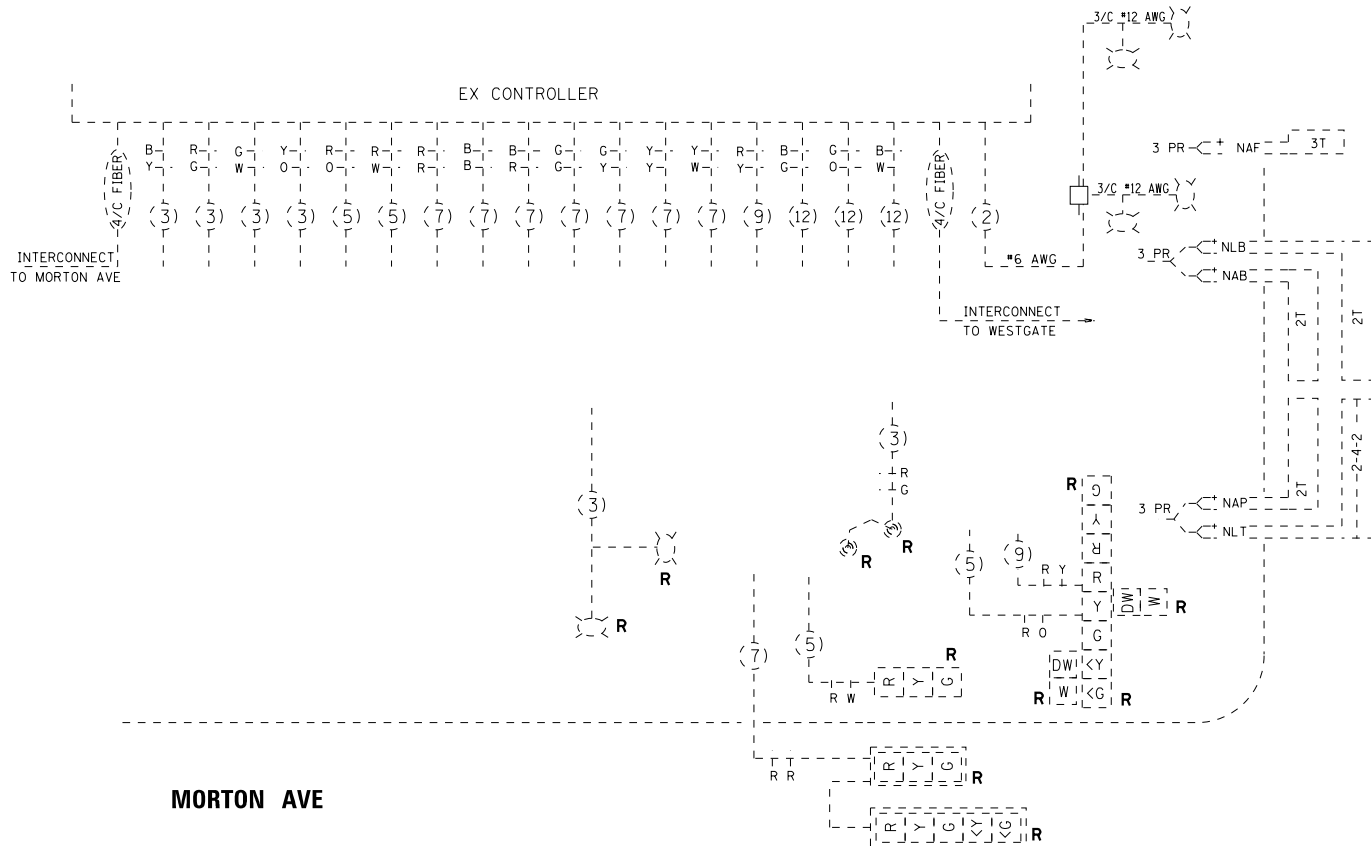
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 DESIGNED - DMS
 REVISIONS:
 REVISIONS:
 REVISIONS:
 REVISIONS:
 PLOT SCALE = 40.0000' / in.
 CHECKED -
 DATE - 3-3-2015
 PLOT DATE = 2/29/2016

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EX TRAFFIC SIGNAL PLAN
 IL 104 (MORTON AVE) & MASSEY ST

SCALE: SHEET 11 OF 56 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	***	MORGAN	366	239
			CONTRACT NO. 72021	
ILLINOIS FED. AID PROJECT				

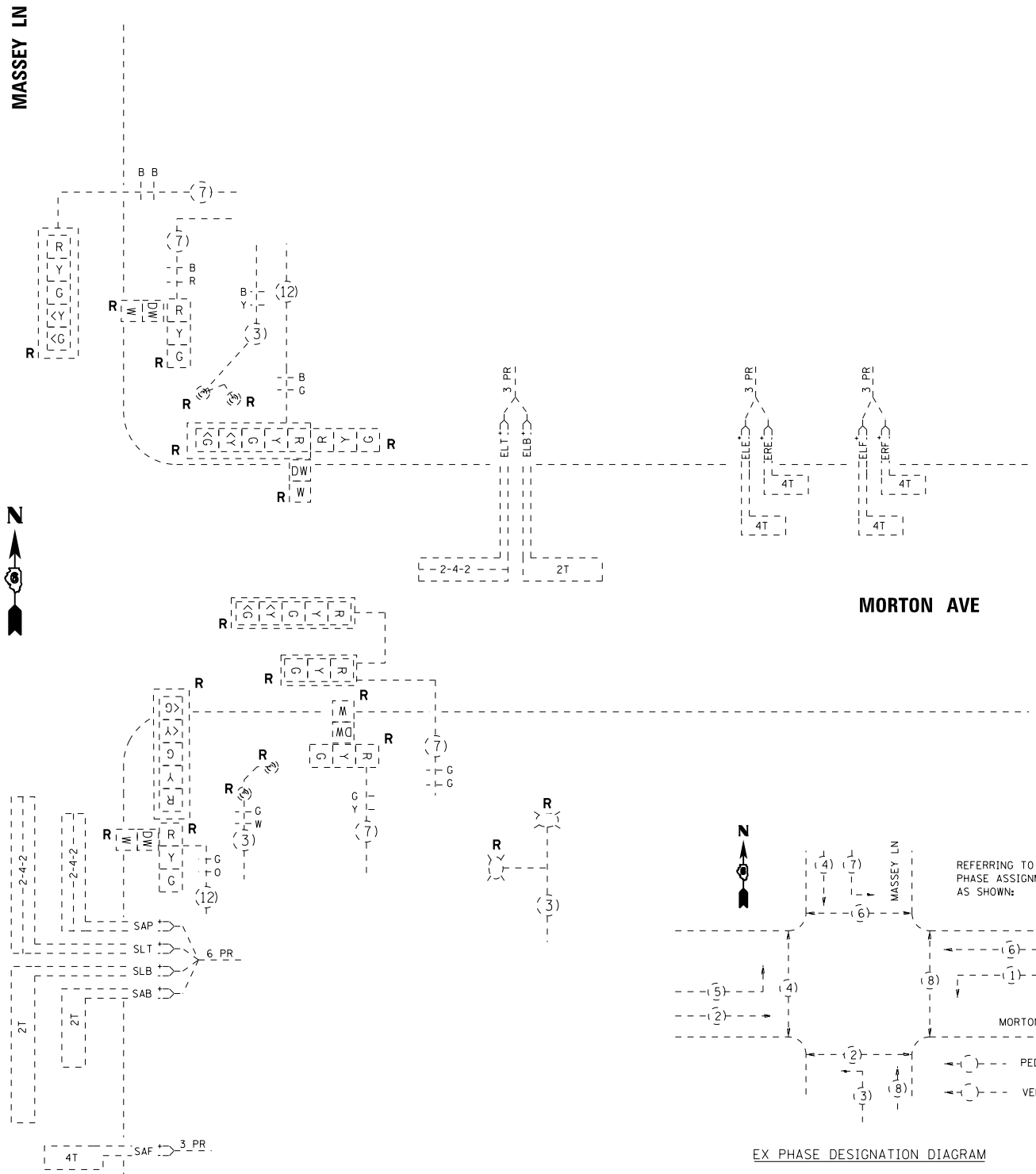


MORTON AVE

MASSEY LN



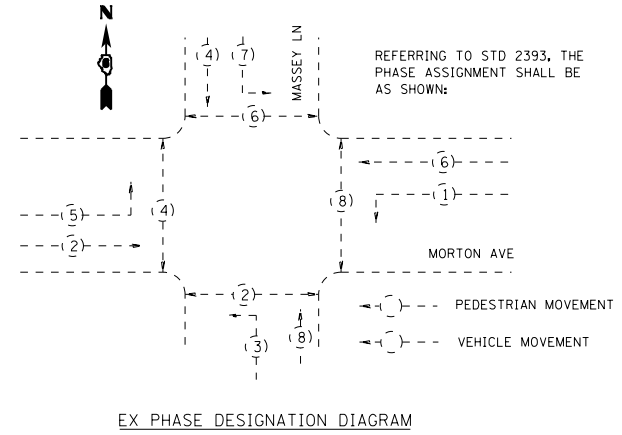
MASSEY LN



MORTON AVE

PHASE	WRF	WLF	ERF	ELF	WRE	WLE	ERE	ELE	WLT	WLB	ELT	ELB	NAP	NLT	NAB	NLB	NAF	SAF	SAP	SLT	SAB	SLB	
CALL ON GREEN ONLY (G)																							
TRAFFIC LOGGING PIN (*)	2	12	6	16					5		1	4	7	4	7	4	8	8	3	8	3		
SYSTEM CALL	S	S	S	S																			

EX DETECTORS

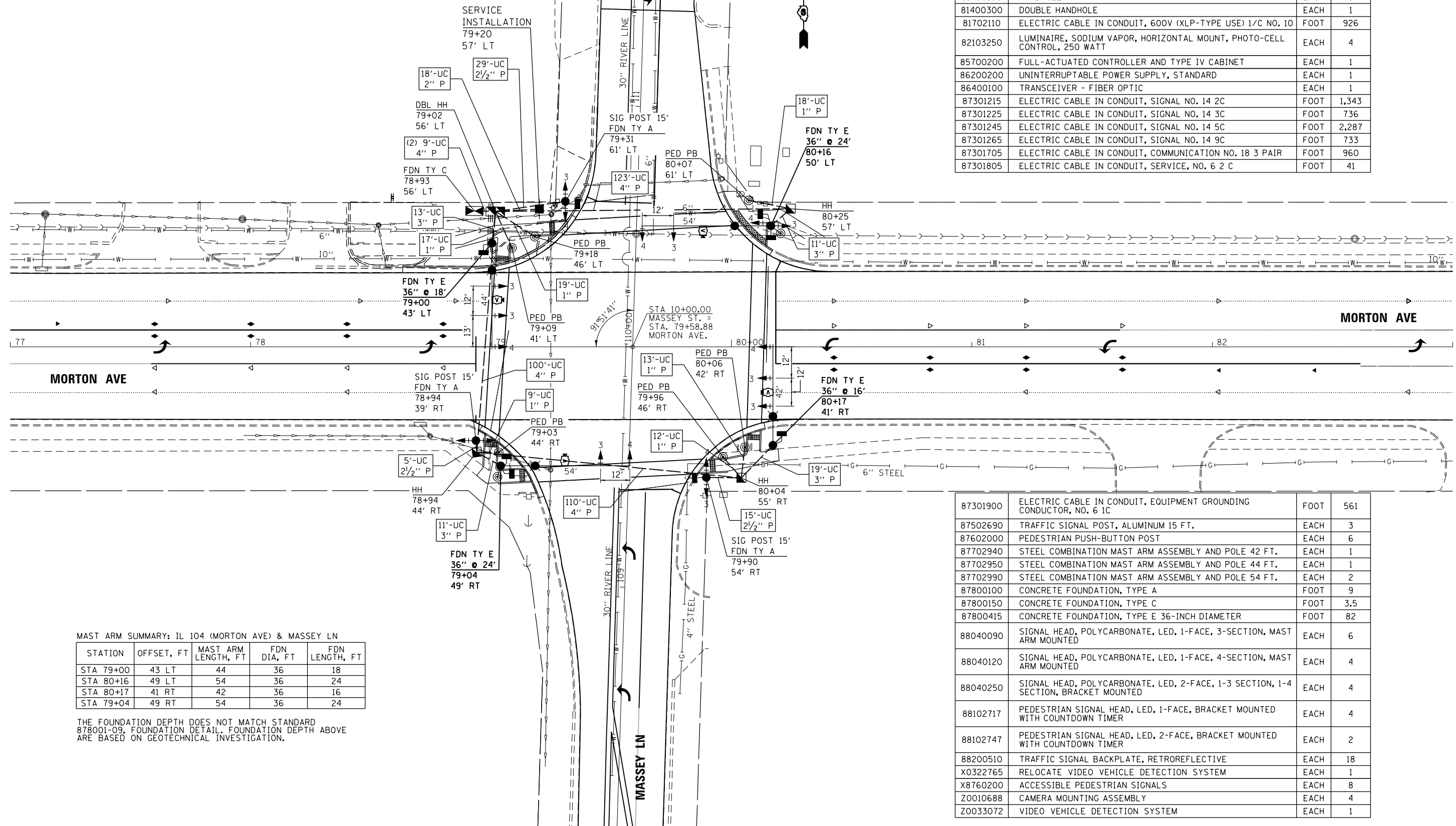


EX PHASE DESIGNATION DIAGRAM

REFERRING TO STD 2393, THE PHASE ASSIGNMENT SHALL BE AS SHOWN:

INTERSECTION QUANTITIES: IL 104 (MORTON AVE) & MASSEY LN

ITEM NO.	ITEM	UNIT	QTY
80500100	SERVICE INSTALLATION, TYPE A	EACH	1
81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	88
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	18
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	49
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	55
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	351
81400100	HANDHOLE	EACH	3
81400300	DOUBLE HANDHOLE	EACH	1
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	926
82103250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 250 WATT	EACH	4
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1
86400100	TRANSCEIVER - FIBER OPTIC	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,343
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	736
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2,287
87301265	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 9C	FOOT	733
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	960
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	41

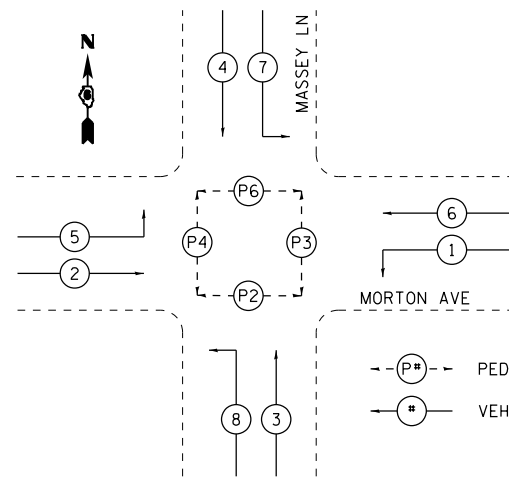


MAST ARM SUMMARY: IL 104 (MORTON AVE) & MASSEY LN

STATION	OFFSET, FT	MAST ARM LENGTH, FT	FDN DIA, FT	FDN LENGTH, FT
STA 79+00	43 LT	44	36	18
STA 80+16	49 LT	54	36	24
STA 80+17	41 RT	42	36	16
STA 79+04	49 RT	54	36	24

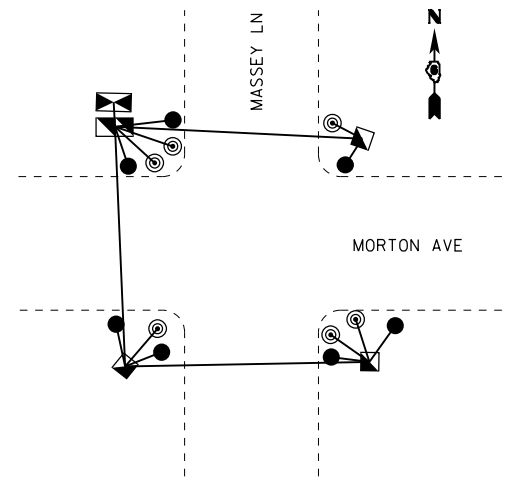
THE FOUNDATION DEPTH DOES NOT MATCH STANDARD 878001-09, FOUNDATION DETAIL. FOUNDATION DEPTH ABOVE ARE BASED ON GEOTECHNICAL INVESTIGATION.

87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	561
87502690	TRAFFIC SIGNAL POST, ALUMINUM 15 FT.	EACH	3
87602000	PEDESTRIAN PUSH-BUTTON POST	EACH	6
87702940	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	1
87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1
87702990	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.	EACH	2
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	9
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3.5
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	82
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	6
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	4
88040250	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED	EACH	4
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4
88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	18
X0322765	RELOCATE VIDEO VEHICLE DETECTION SYSTEM	EACH	1
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	4
Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	1

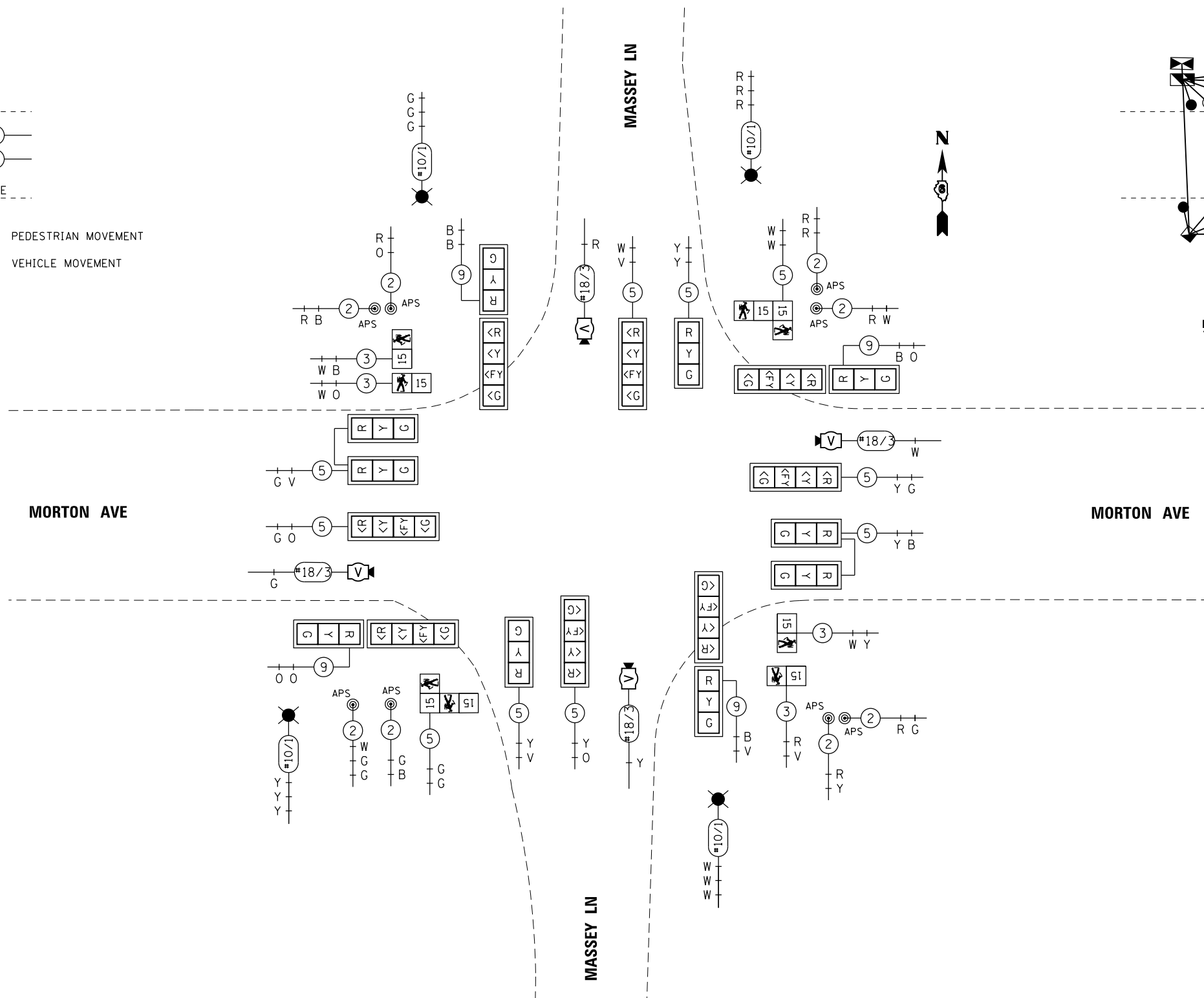


PR PHASE DESIGNATION DIAGRAM

---(P#)--- PEDESTRIAN MOVEMENT
 ---(#)-- VEHICLE MOVEMENT



PR GROUNDING DIAGRAM

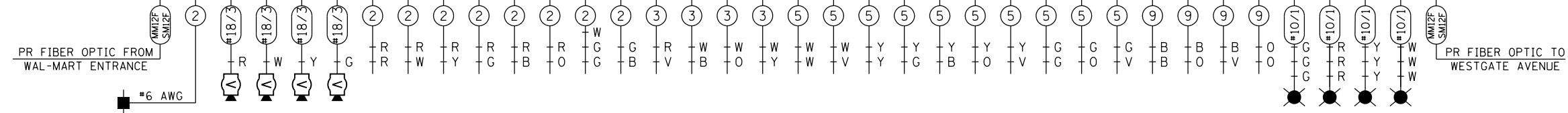


MORTON AVE

MORTON AVE

MASSEY LN

PROPOSED CONTROLLER



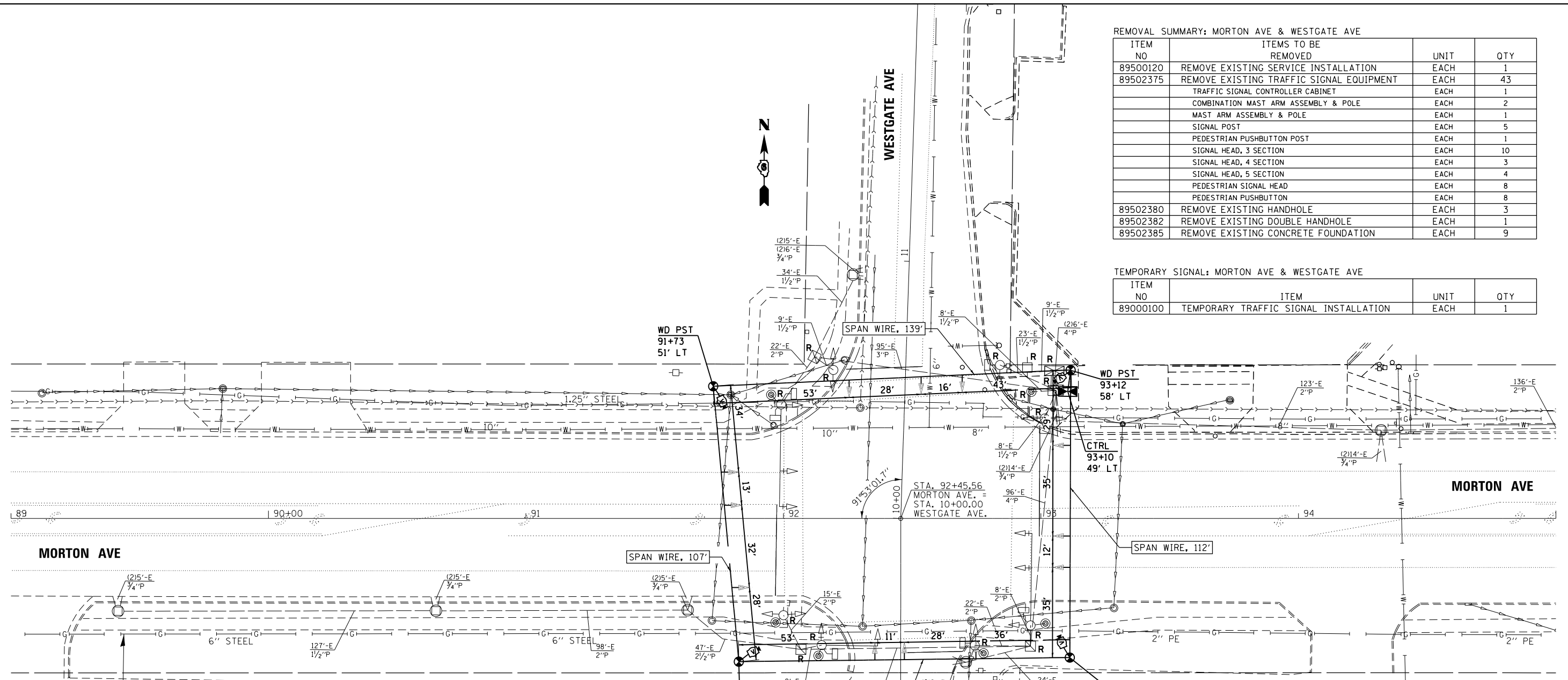
FILE NAME =	USER NAME = Verenskif	DESIGNED - DMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PR TRAFFIC SIGNAL DETAIL IL 104 (MORTON AVE) & MASSEY ST		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\ill084EBIDINTEG.illinois.gov\PIWIDOTDocuments\DOT Offices\District 6\Projects\0672015\Traffic\MS72021-sht-TS.dgn		DRAWN - DMS	REVISED -		SCALE:	SHEET 14 OF 56 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	MORGAN	366	242
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -						CONTRACT NO. 72D21			
	PLOT DATE = 1/28/2016	DATE - 3-3-2015	REVISED -									

REMOVAL SUMMARY: MORTON AVE & WESTGATE AVE

ITEM NO	ITEMS TO BE REMOVED	UNIT	QTY
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	43
	TRAFFIC SIGNAL CONTROLLER CABINET	EACH	1
	COMBINATION MAST ARM ASSEMBLY & POLE	EACH	2
	MAST ARM ASSEMBLY & POLE	EACH	1
	SIGNAL POST	EACH	5
	PEDESTRIAN PUSHBUTTON POST	EACH	1
	SIGNAL HEAD, 3 SECTION	EACH	10
	SIGNAL HEAD, 4 SECTION	EACH	3
	SIGNAL HEAD, 5 SECTION	EACH	4
	PEDESTRIAN SIGNAL HEAD	EACH	8
	PEDESTRIAN PUSHBUTTON	EACH	8
89502380	REMOVE EXISTING HANDHOLE	EACH	3
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	9

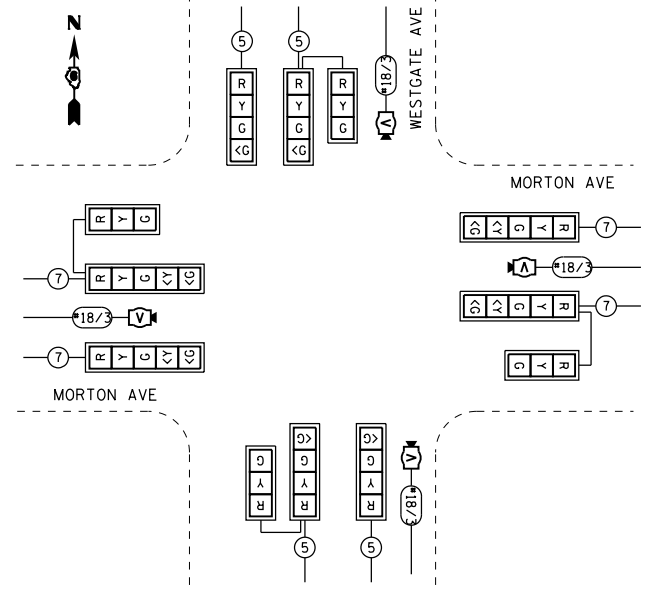
TEMPORARY SIGNAL: MORTON AVE & WESTGATE AVE

ITEM NO	ITEM	UNIT	QTY
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1

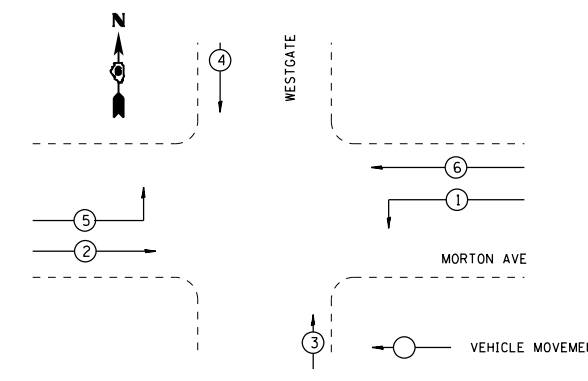


REGULATION STATION

REGULATION STATION



TEMPORARY TRAFFIC SIGNAL DETAIL



TEMP PHASE DESIGNATION DIAGRAM

FILE NAME =	USER NAME = Verenskif	DESIGNED - DMS	REVISED -
pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 6\Projects\0672016\Drawings\Traffic\MS72021-shr-TS.dgn		CHECKED -	REVISED -
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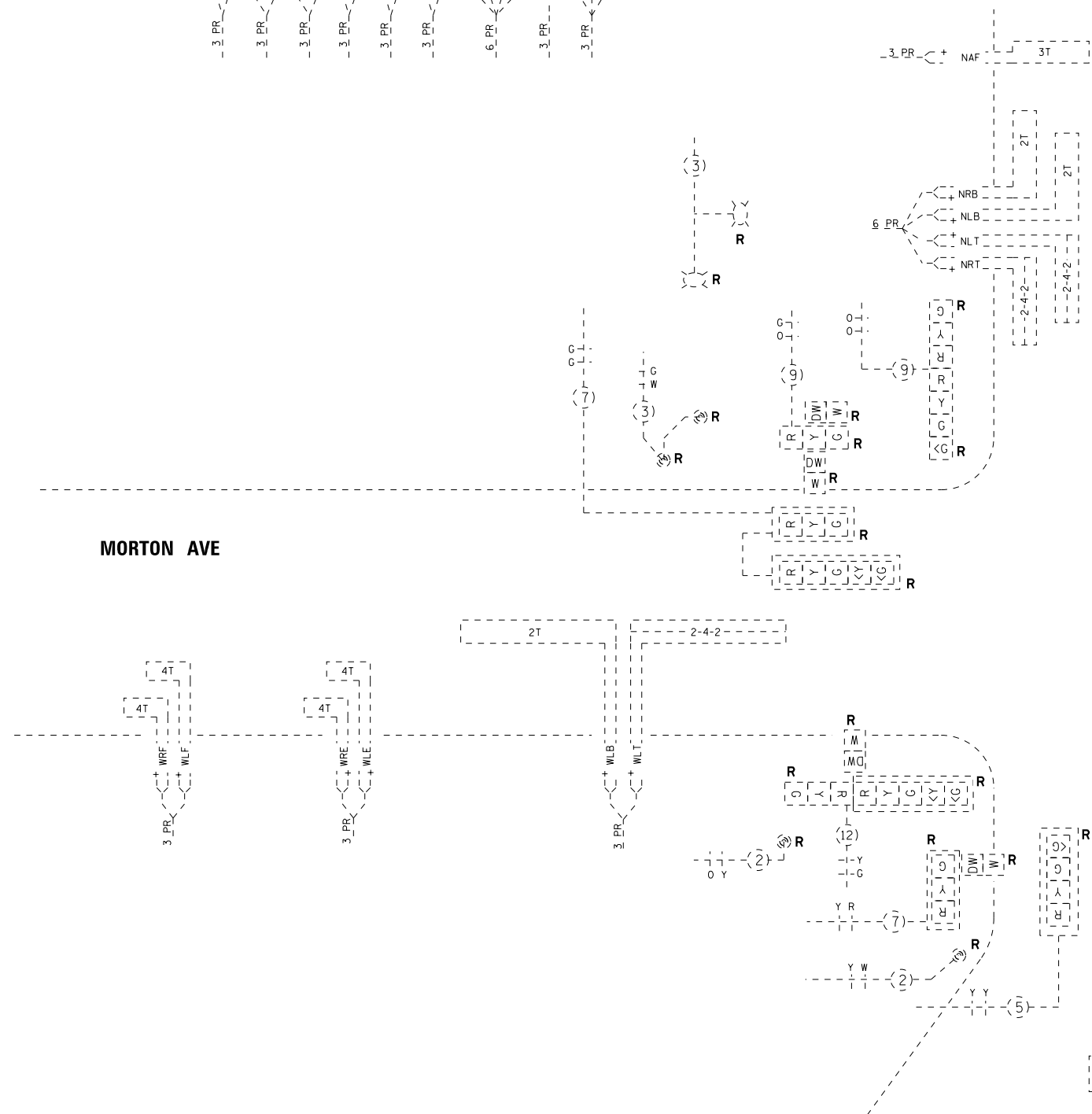
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EX TRAFFIC SIGNAL PLAN
IL 104 (MORTON AVE) & WESTGATE AVE

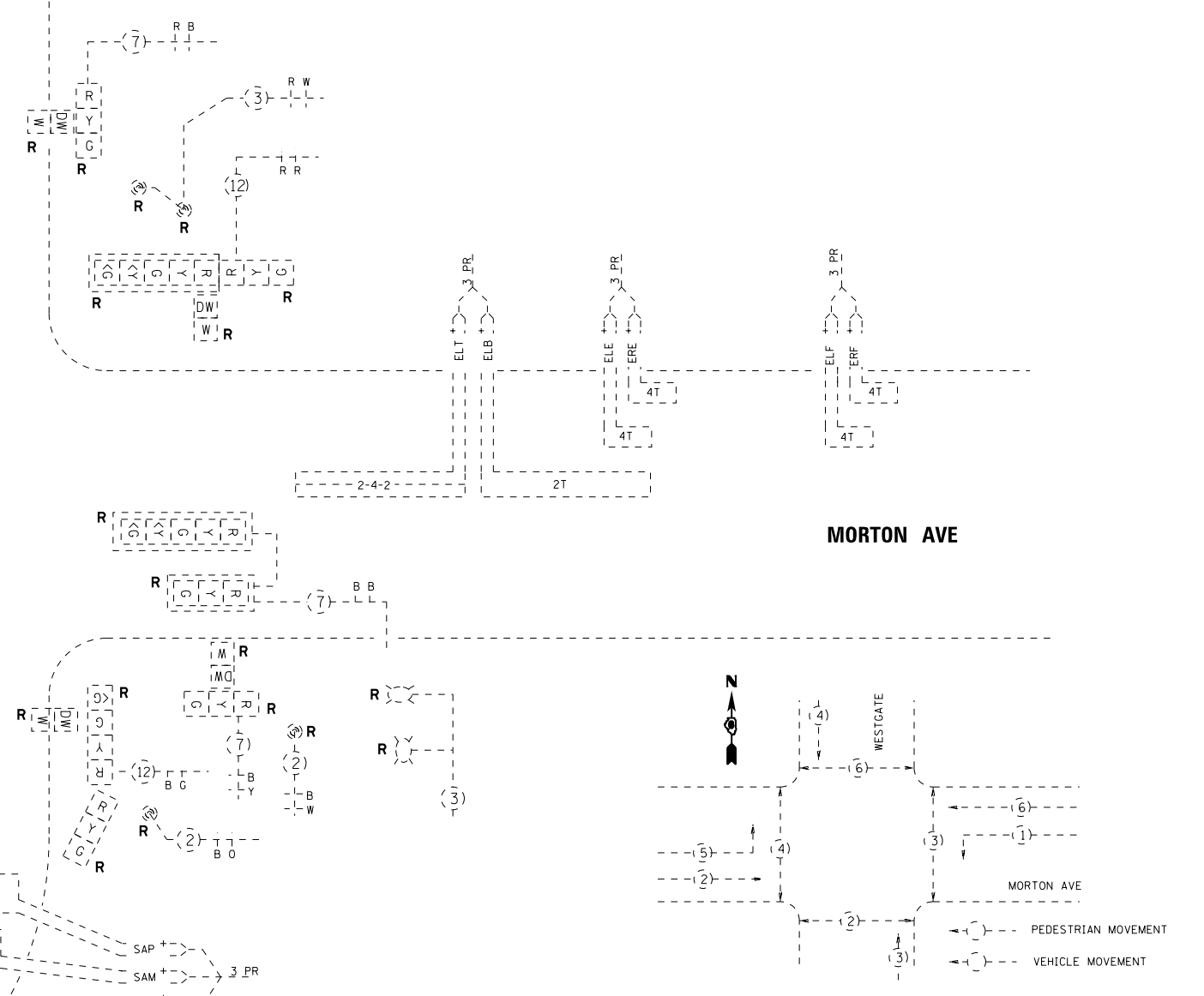
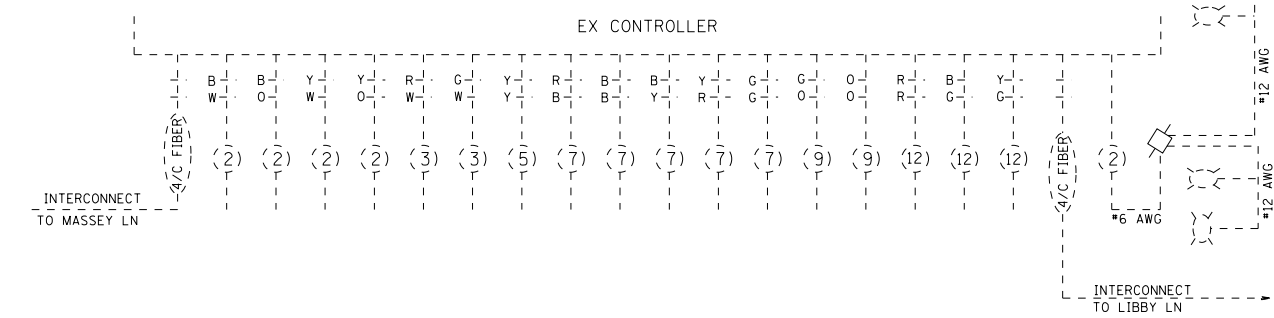
SCALE: SHEET 15 OF 56 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	...	MORGAN	366	243
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72D21	

EX DETECTORS	
TRAFFIC LOGGING PIN (#)	SYSTEM CALL (S)
CALL ON GREEN ONLY	
PHASE	
WLF	2
WRF	12
WLE	5
WRE	5
ELE	6
ERE	6
ELF	5
ELT	5
WLB	1
ELB	4
NRT	14
NLT	4
NRB	4
NLB	4
NAF	3
SAP	3
SAM	3
SAB	3



WESTGATE AVE



EX PHASE DESIGNATION DIAGRAM

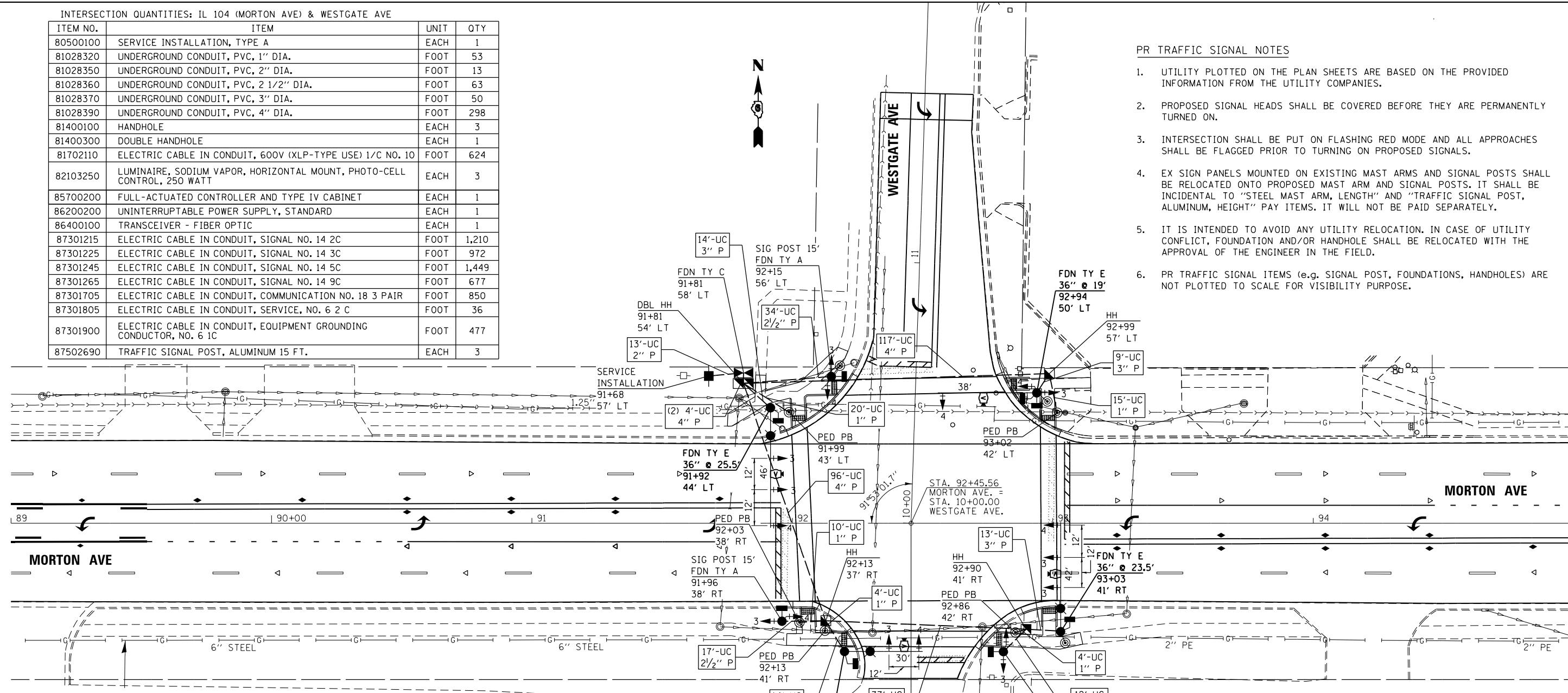
FILE NAME =	USER NAME = Verenskifa	DESIGNED - DMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EX TRAFFIC SIGNAL DETAIL IL 104 (MORTON AVE) & WESTGATE AVE			F.A.P. RFE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\ill084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 6\Projects\0672016\Traffic\MS72021-sht-TS.dgn		CHECKED -	REVISED -		SCALE:	SHEET 16	OF 56 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	MORGAN	366	244
Default		DATE - 3-3-2015	REVISED -								CONTRACT NO. 72D21		
											CONTRACT NO. 72D21		

INTERSECTION QUANTITIES: IL 104 (MORTON AVE) & WESTGATE AVE

ITEM NO.	ITEM	UNIT	QTY
80500100	SERVICE INSTALLATION, TYPE A	EACH	1
81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	53
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	13
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	63
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	50
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	298
81400100	HANDHOLE	EACH	3
81400300	DOUBLE HANDHOLE	EACH	1
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	624
82103250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 250 WATT	EACH	3
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1
86400100	TRANSCEIVER - FIBER OPTIC	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,210
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	972
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,449
87301265	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 9C	FOOT	677
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	850
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	36
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	477
87502690	TRAFFIC SIGNAL POST, ALUMINUM 15 FT.	EACH	3

PR TRAFFIC SIGNAL NOTES

- UTILITY PLOTTED ON THE PLAN SHEETS ARE BASED ON THE PROVIDED INFORMATION FROM THE UTILITY COMPANIES.
- PROPOSED SIGNAL HEADS SHALL BE COVERED BEFORE THEY ARE PERMANENTLY TURNED ON.
- INTERSECTION SHALL BE PUT ON FLASHING RED MODE AND ALL APPROACHES SHALL BE FLAGGED PRIOR TO TURNING ON PROPOSED SIGNALS.
- EX SIGN PANELS MOUNTED ON EXISTING MAST ARMS AND SIGNAL POSTS SHALL BE RELOCATED ONTO PROPOSED MAST ARM AND SIGNAL POSTS. IT SHALL BE INCIDENTAL TO "STEEL MAST ARM, LENGTH" AND "TRAFFIC SIGNAL POST, ALUMINUM, HEIGHT" PAY ITEMS. IT WILL NOT BE PAID SEPARATELY.
- IT IS INTENDED TO AVOID ANY UTILITY RELOCATION. IN CASE OF UTILITY CONFLICT, FOUNDATION AND/OR HANDHOLE SHALL BE RELOCATED WITH THE APPROVAL OF THE ENGINEER IN THE FIELD.
- PR TRAFFIC SIGNAL ITEMS (e.g. SIGNAL POST, FOUNDATIONS, HANDHOLES) ARE NOT PLOTTED TO SCALE FOR VISIBILITY PURPOSE.

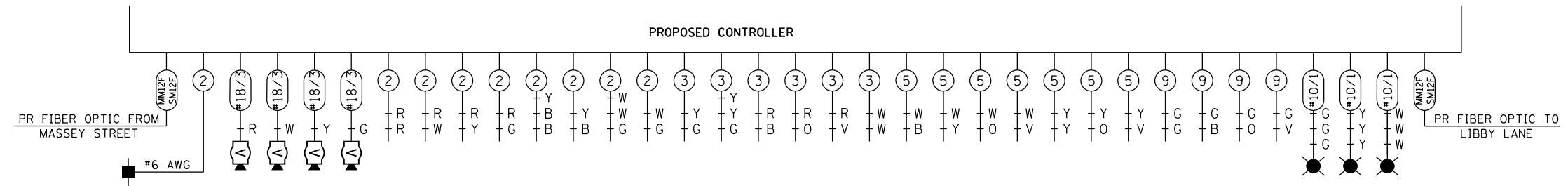
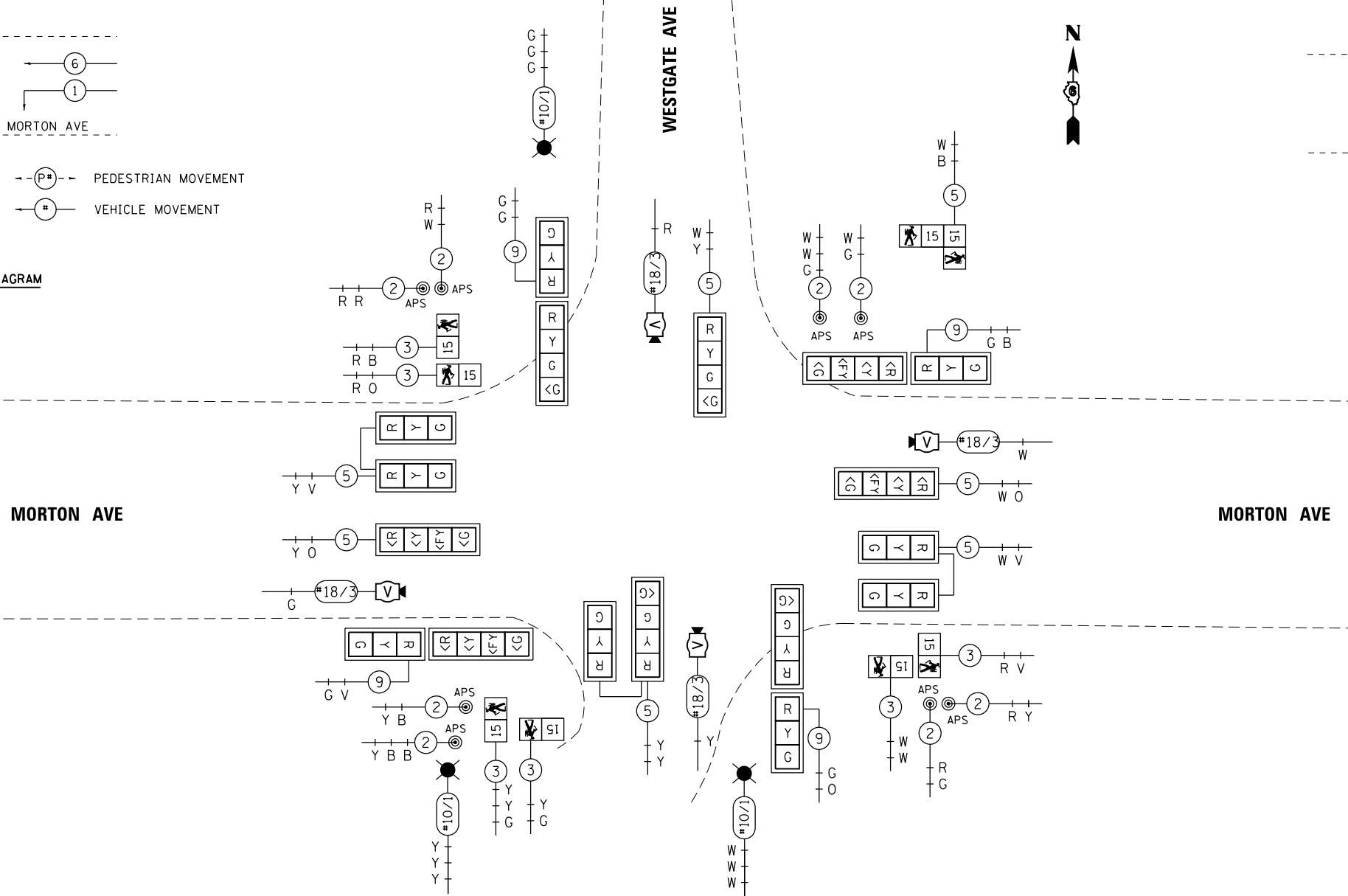
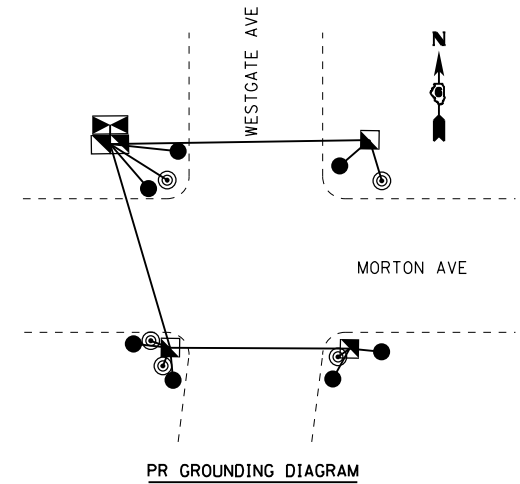
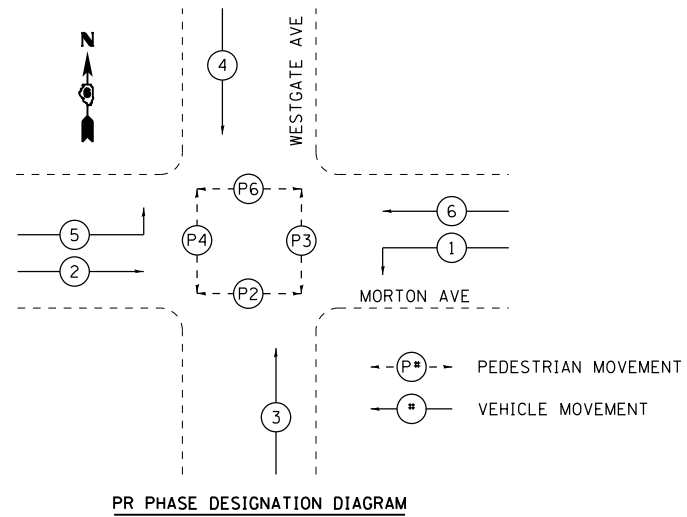


87602000	PEDESTRIAN PUSH-BUTTON POST	EACH	5
87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1
87702880	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 30 FT.	EACH	1
87702940	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	1
87702960	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	9
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3.5
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	19.5
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	68
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	5
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	4
88040250	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED	EACH	4
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	6
88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	17
X0322765	RELOCATE VIDEO VEHICLE DETECTION SYSTEM	EACH	1
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	4
Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	1

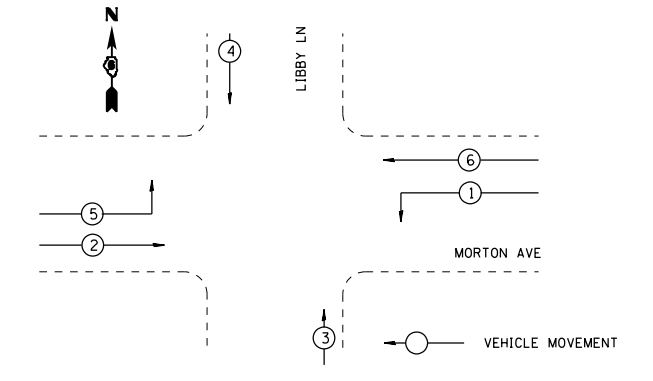
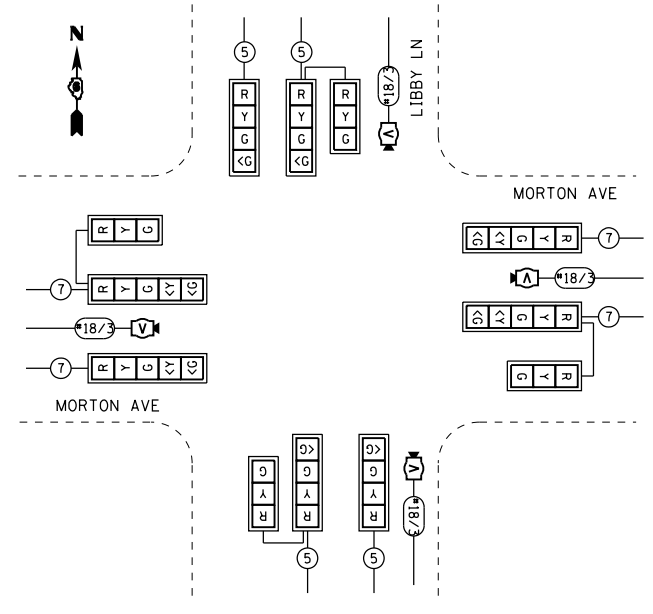
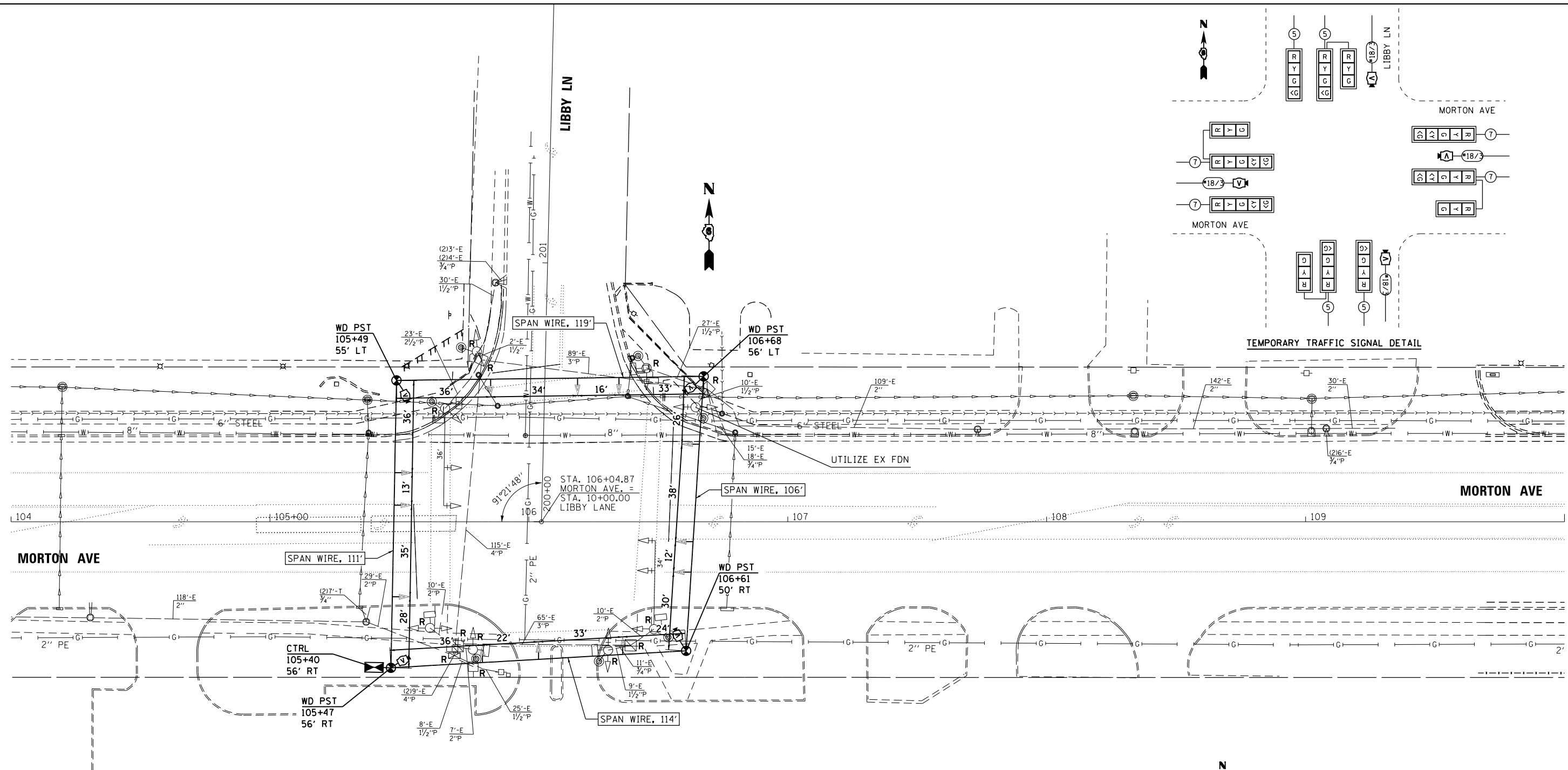
MAST ARM SUMMARY: IL 104 (MORTON AVE) & WESTGATE AVE

STATION	OFFSET, FT	MAST ARM LENGTH, FT	FDN DIA, FT	FDN LENGTH, FT
STA 91+92	44 LT	46	36	25.5
STA 92+94	50 LT	38	36	19
STA 93+03	41 RT	42	36	23.5
STA 92+20	49 RT	30	30	19.5

THE FOUNDATION DEPTH DOES NOT MATCH STANDARD 878001-09. FOUNDATION DETAIL. FOUNDATION DEPTH ABOVE ARE BASED ON GEOTECHNICAL INVESTIGATION.



FILE NAME =	USER NAME = Verenskif	DESIGNED - DMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PR TRAFFIC SIGNAL DETAIL IL 104 (MORTON AVE) & WESTGATE AVE		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 6\Projects\0672015\Traffic\Signal\72021-sht-TS.dgn		DRAWN	REVISED -		SCALE:	SHEET 18	OF 56 SHEETS	STA.	TO STA.	MORGAN	366	246
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -						CONTRACT NO. 72D21		ILLINOIS FED. AID PROJECT	
	PLOT DATE = 1/28/2016	DATE - 3-3-2015	REVISED -								310A, 753 *** 23BR,RS6,TS-5;33BR-1,RS4,TS-2	



REMOVAL SUMMARY: MORTON AVE & LIBBY LANE

ITEM NO	ITEMS TO BE REMOVED	UNIT	QTY
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	41
	TRAFFIC SIGNAL CONTROLLER CABINET	EACH	1
	COMBINATION MAST ARM ASSEMBLY & POLE	EACH	2
	SIGNAL POST	EACH	6
	SIGNAL HEAD, 3 SECTION	EACH	10
	SIGNAL HEAD, 4 SECTION	EACH	2
	SIGNAL HEAD, 5 SECTION	EACH	4
	PEDESTRIAN SIGNAL HEAD	EACH	8
	PEDESTRIAN PUSHBUTTON	EACH	8
89502380	REMOVE EXISTING HANDHOLE	EACH	3
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	8

TEMPORARY SIGNAL: MORTON AVE & LIBBY LN

ITEM NO	ITEM	UNIT	QTY
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1

FILE NAME =	USER NAME = Verenskif	DESIGNED - DMS	REVISED -
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Default	PLOT DATE = 1/28/2016	DATE - 3-3-2015	REVISED -

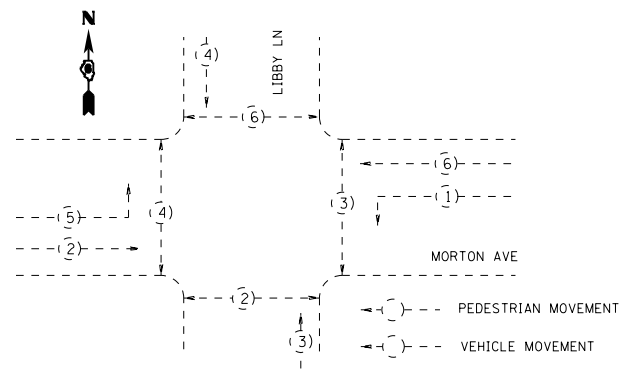
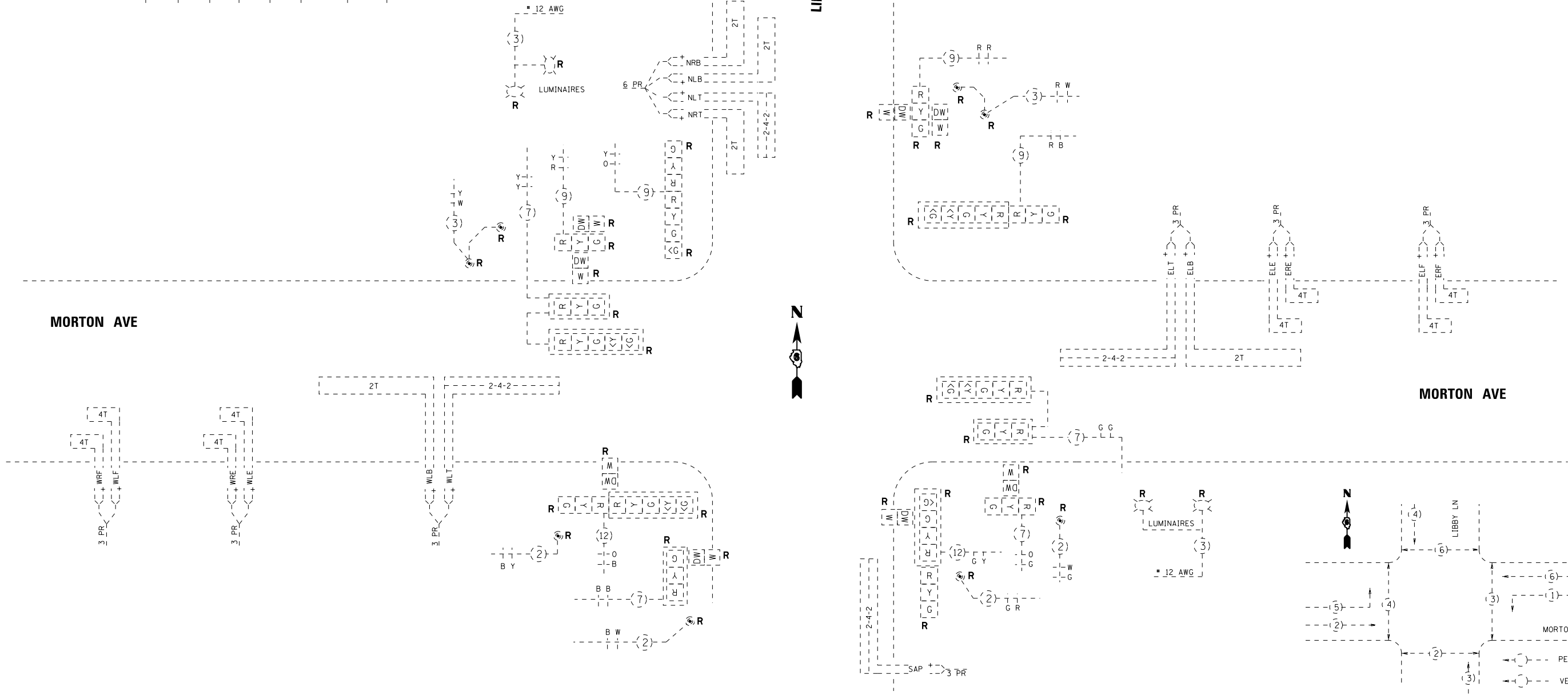
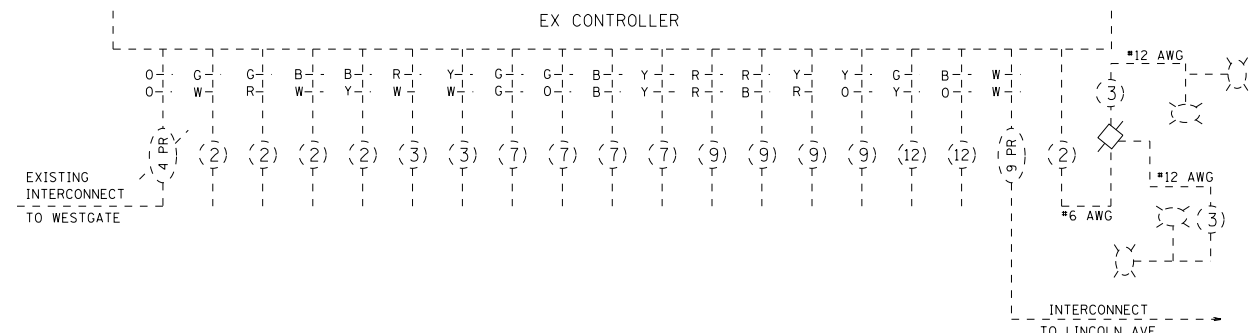
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EX TRAFFIC SIGNAL PLAN IL 104 (MORTON AVE) & LIBBY LN	
SCALE:	SHEET 19 OF 56 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	...	MORGAN	366	247
			CONTRACT NO.	72D21
ILLINOIS FED. AID PROJECT				

EX DETECTORS	
TRAFFIC LOGGING PIN (*)	2 12
SYSTEM CALL (S)	
CALL ON GREEN ONLY	2 2
PHASE	2 2

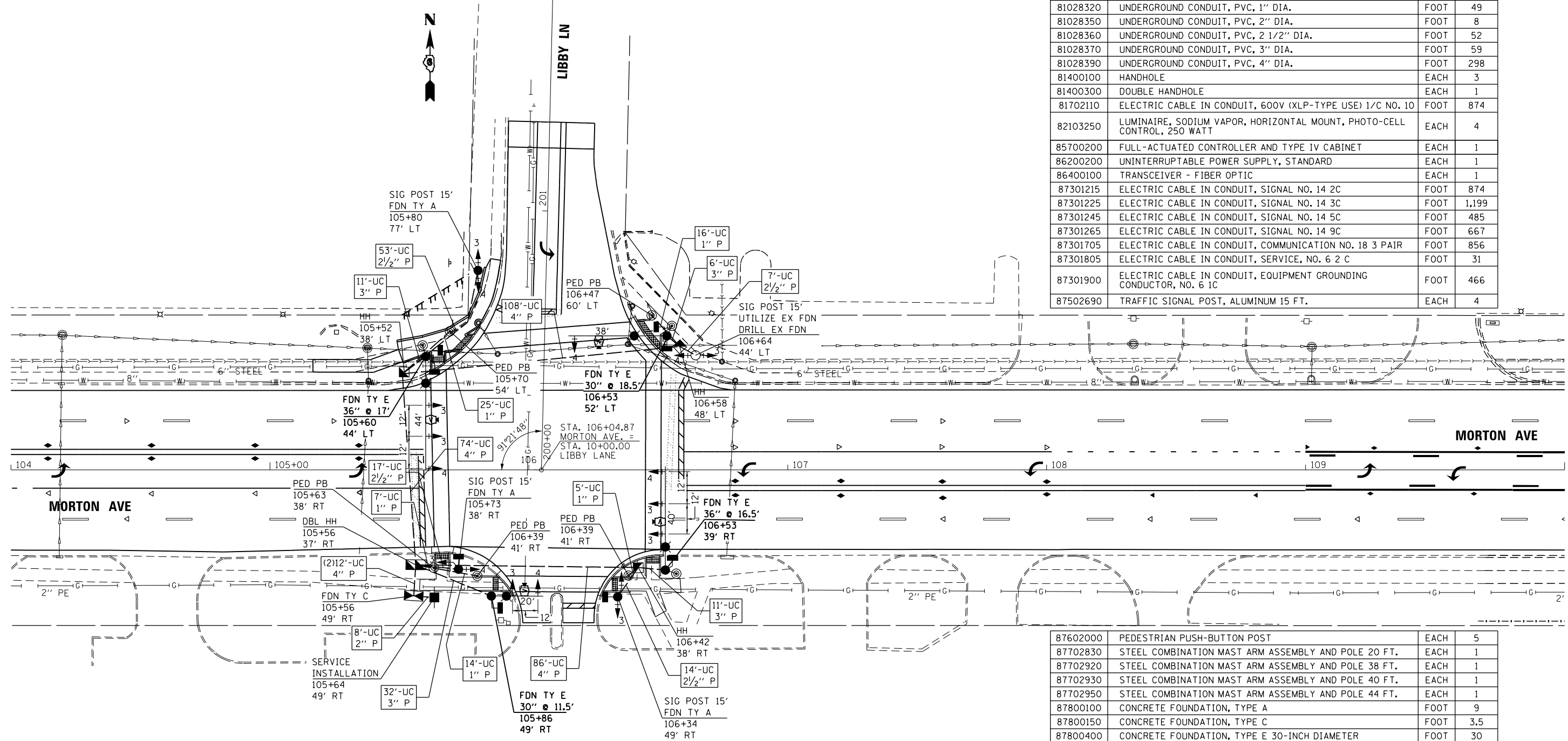
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FILE NAME =	USER NAME = Verenskif	DESIGNED - DMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EX TRAFFIC SIGNAL DETAIL IL 104 (MORTON AVE) & LIBBY LN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\l\084EBIDINTEG.illinois.gov\PWIDOT\Documents\DOT Offices\District 6\Projects\0672015\Traffic\MS72021-sht-TS.dgn		CHECKED -	REVISED -										
Default		DATE - 3-3-2015	REVISED -		SCALE:	SHEET 20	OF 56 SHEETS	STA.	TO STA.				
											ILLINOIS FED. AID PROJECT		

INTERSECTION QUANTITIES: IL 104 (MORTON AVE) & LIBBY LN

ITEM NO.	ITEM	UNIT	QTY
80500100	SERVICE INSTALLATION, TYPE A	EACH	1
81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	49
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	8
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	52
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	59
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	298
81400100	HANDHOLE	EACH	3
81400300	DOUBLE HANDHOLE	EACH	1
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	874
82103250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 250 WATT	EACH	4
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1
86400100	TRANSCEIVER - FIBER OPTIC	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	874
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,199
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	485
87301265	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 9C	FOOT	667
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	856
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	31
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	466
87502690	TRAFFIC SIGNAL POST, ALUMINUM 15 FT.	EACH	4

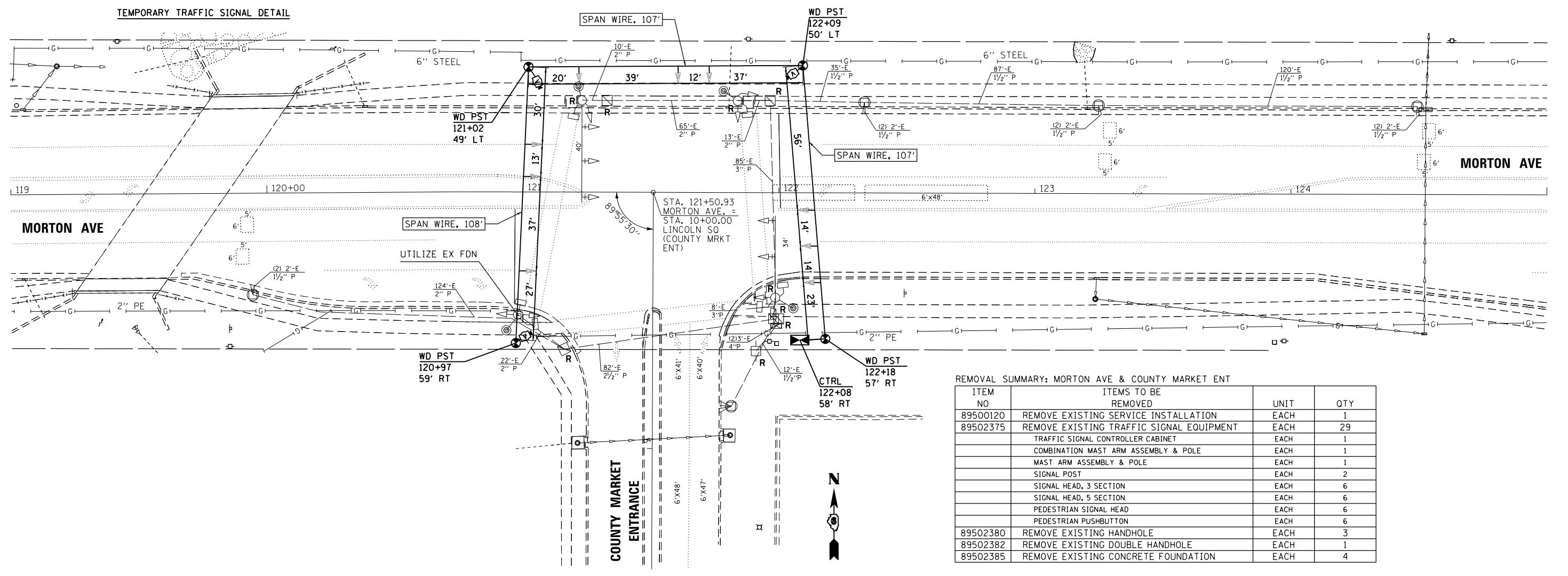
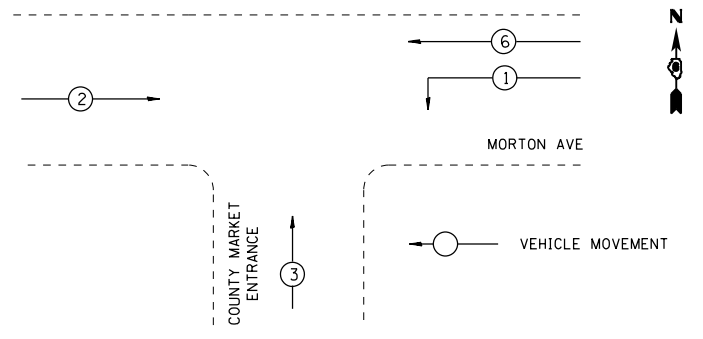
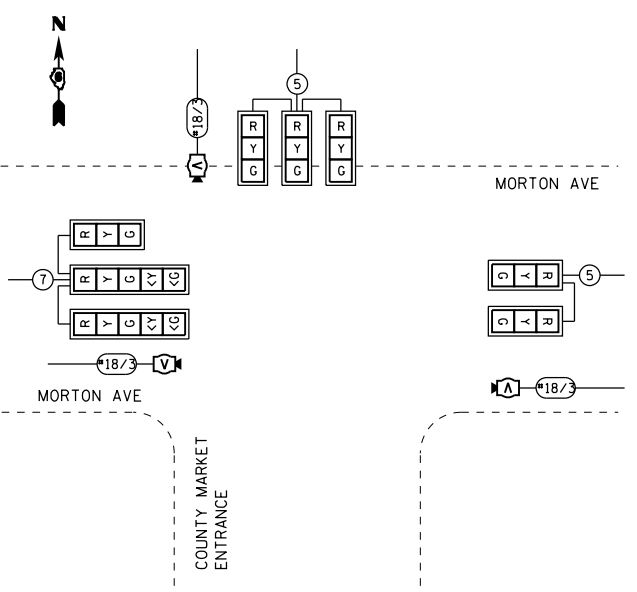


MAST ARM SUMMARY: IL 104 (MORTON AVE) & LIBBY LN

STATION	OFFSET, FT	MAST ARM LENGTH, FT	FND DIA, FT	FND LENGTH, FT
STA 105+60	44 LT	44	36	17
STA 106+53	50 LT	38	30	18.5
STA 106+53	39 RT	40	36	16.5
STA 105+86	49 RT	20	30	11.5

THE FOUNDATION DEPTH DOES NOT MATCH STANDARD 878001-09, FOUNDATION DETAIL. FOUNDATION DEPTH ABOVE ARE BASED ON GEOTECHNICAL INVESTIGATION.

87602000	PEDESTRIAN PUSH-BUTTON POST	EACH	5
87702830	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 20 FT.	EACH	1
87702920	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT.	EACH	1
87702930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	1
87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	9
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3.5
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	30
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	33.5
87900100	DRILL EXISTING FOUNDATION	EACH	1
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	5
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	4
88040250	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED	EACH	4
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4
88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	17
X0322765	RELOCATE VIDEO VEHICLE DETECTION SYSTEM	EACH	1
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	4
Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	1



REMOVAL SUMMARY: MORTON AVE & COUNTY MARKET ENT

ITEM NO	ITEMS TO BE REMOVED	UNIT	QTY
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	29
	TRAFFIC SIGNAL CONTROLLER CABINET	EACH	1
	COMBINATION MAST ARM ASSEMBLY & POLE	EACH	1
	MAST ARM ASSEMBLY & POLE	EACH	1
	SIGNAL POST	EACH	2
	SIGNAL HEAD, 3 SECTION	EACH	6
	SIGNAL HEAD, 5 SECTION	EACH	6
	PEDESTRIAN SIGNAL HEAD	EACH	6
	PEDESTRIAN PUSHBUTTON	EACH	6
89502380	REMOVE EXISTING HANDHOLE	EACH	3
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	4

TEMPORARY SIGNAL: MORTON AVE & COUNTY MARKET ENT

ITEM NO	ITEM	UNIT	QTY
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1

FILE NAME =	USER NAME = Verenskif	DESIGNED - DMS	REVISED -
p:\11\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 6\Projects\0672016\Traffic\MS72021-shr-TS.dgn		CHECKED -	REVISED -
Default	PLOT DATE = 1/28/2016	DATE - 3-3-2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

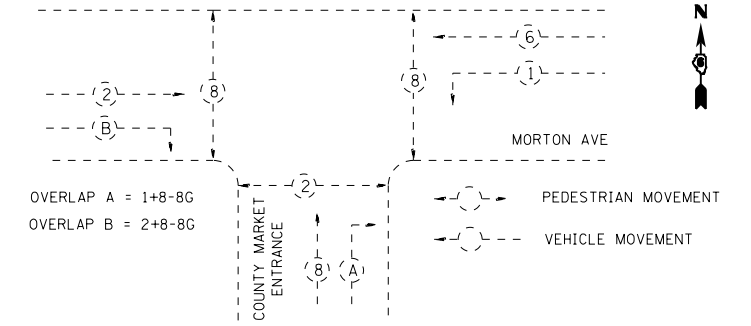
**EX TRAFFIC SIGNAL PLAN
IL 104 (MORTON AVE) & COUNTY MARKET ENTRANCE**

SCALE: SHEET 23 OF 56 SHEETS STA. TO STA.

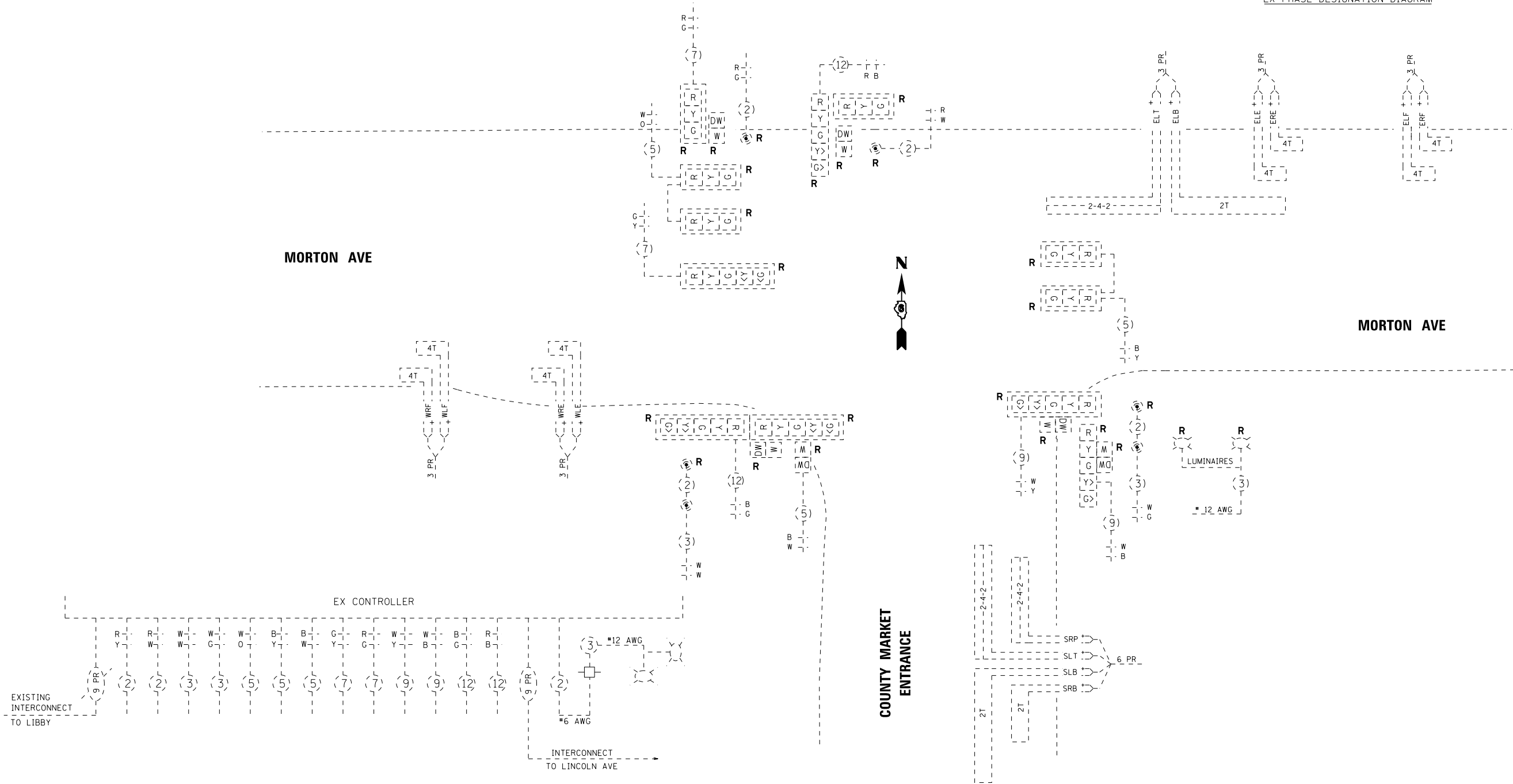
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	...	MORGAN	366	251
			CONTRACT NO. 72021	
ILLINOIS FED. AID PROJECT				

	WLF	WRF	ELF	EFR	WRE	WLE	ERE	ELE	ELT	ELB	SRB	SLT	SAB	SRP
PHASE	2	2	6	6	2	6	6	1	1	8	8	8	8	8
CALL ON GREEN ONLY (G)					G	G								
SYSTEM CALL	S	S	S											

EX DETECTORS



EX PHASE DESIGNATION DIAGRAM



FILE NAME =	USER NAME = Verenskif	DESIGNED - DMS	REVISED -
p:\11\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 6\Projects\06720\DRAWING\Traffic\MS72021-sht-TS.dgn		CHECKED -	REVISED -
Default	PLOT DATE = 1/28/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EX TRAFFIC SIGNAL DETAIL
IL 104 (MORTON AVE) & COUNTY MARKET ENTRANCE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	...	MORGAN	366	252
CONTRACT NO. 72D21			ILLINOIS FED. AID PROJECT	

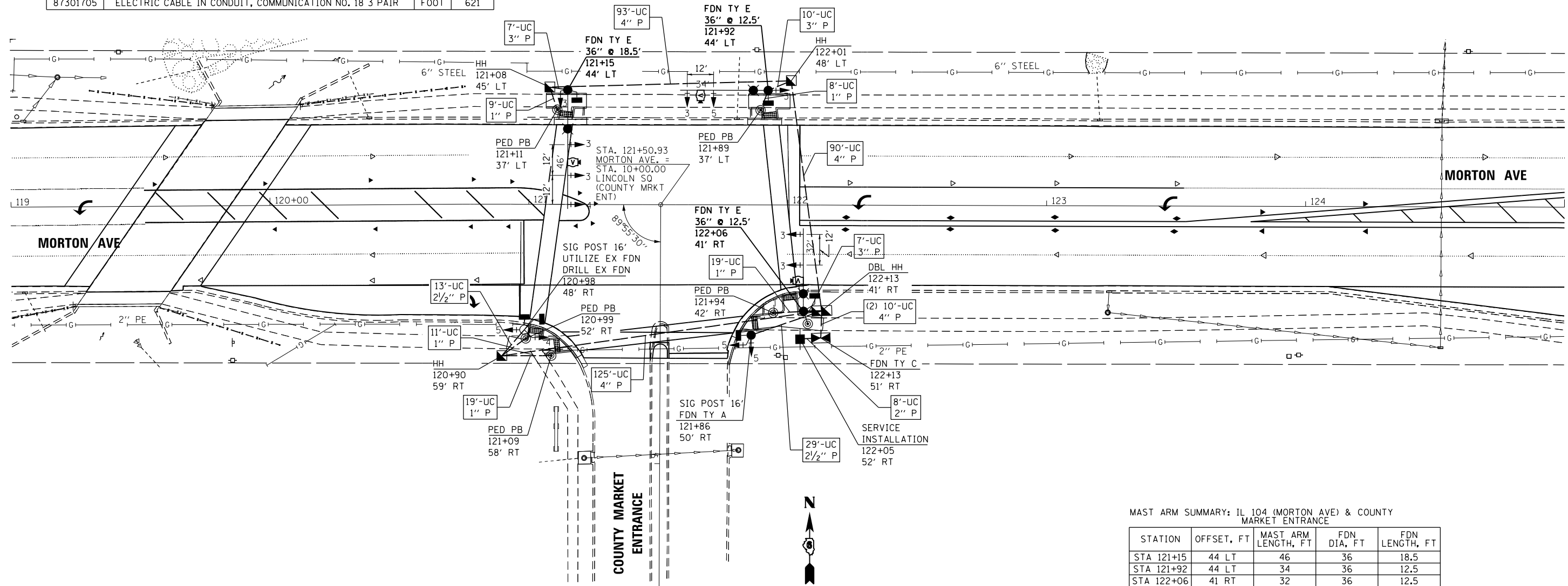
SCALE: SHEET 24 OF 56 SHEETS STA. TO STA.

INTERSECTION QUANTITIES: IL 104 (MORTON AVE) & COUNTY MARKET ENTRANCE

ITEM NO.	ITEM	UNIT	QTY
80500100	SERVICE INSTALLATION, TYPE A	EACH	1
81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	47
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	8
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	42
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	24
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	328
81400100	HANDHOLE	EACH	3
81400300	DOUBLE HANDHOLE	EACH	1
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	629
82103250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 250 WATT	EACH	3
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1
86400100	TRANSCEIVER - FIBER OPTIC	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	881
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	566
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,553
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	205
87301275	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 12C	FOOT	284
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	621

87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	31
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	449
87502700	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	2
87602000	PEDESTRIAN PUSH-BUTTON POST	EACH	5
87702890	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 32 FT.	EACH	1
87702900	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT.	EACH	1
87702960	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	3
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3.5
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	43.5
87900100	DRILL EXISTING FOUNDATION	EACH	1
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	5
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	1
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1

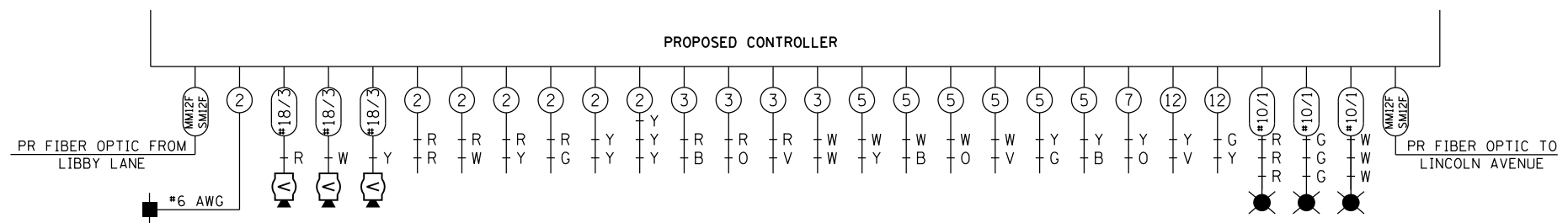
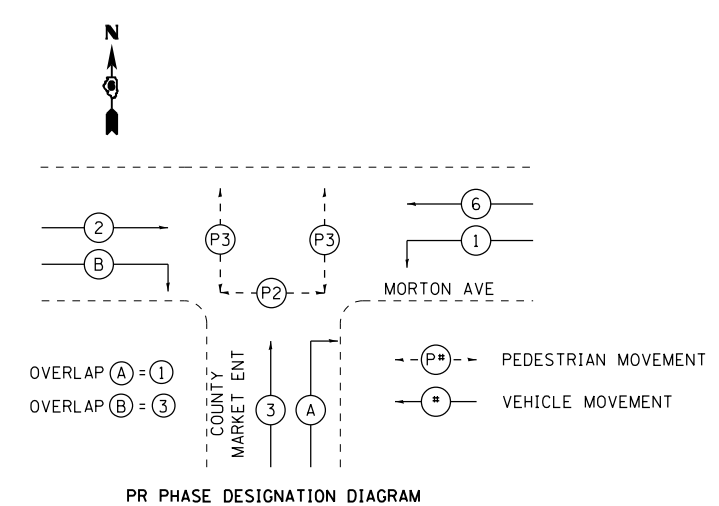
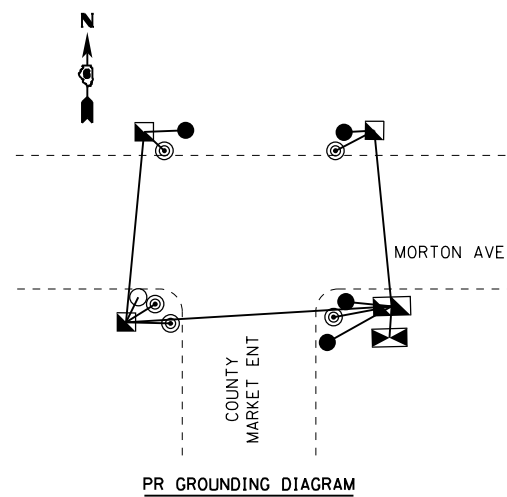
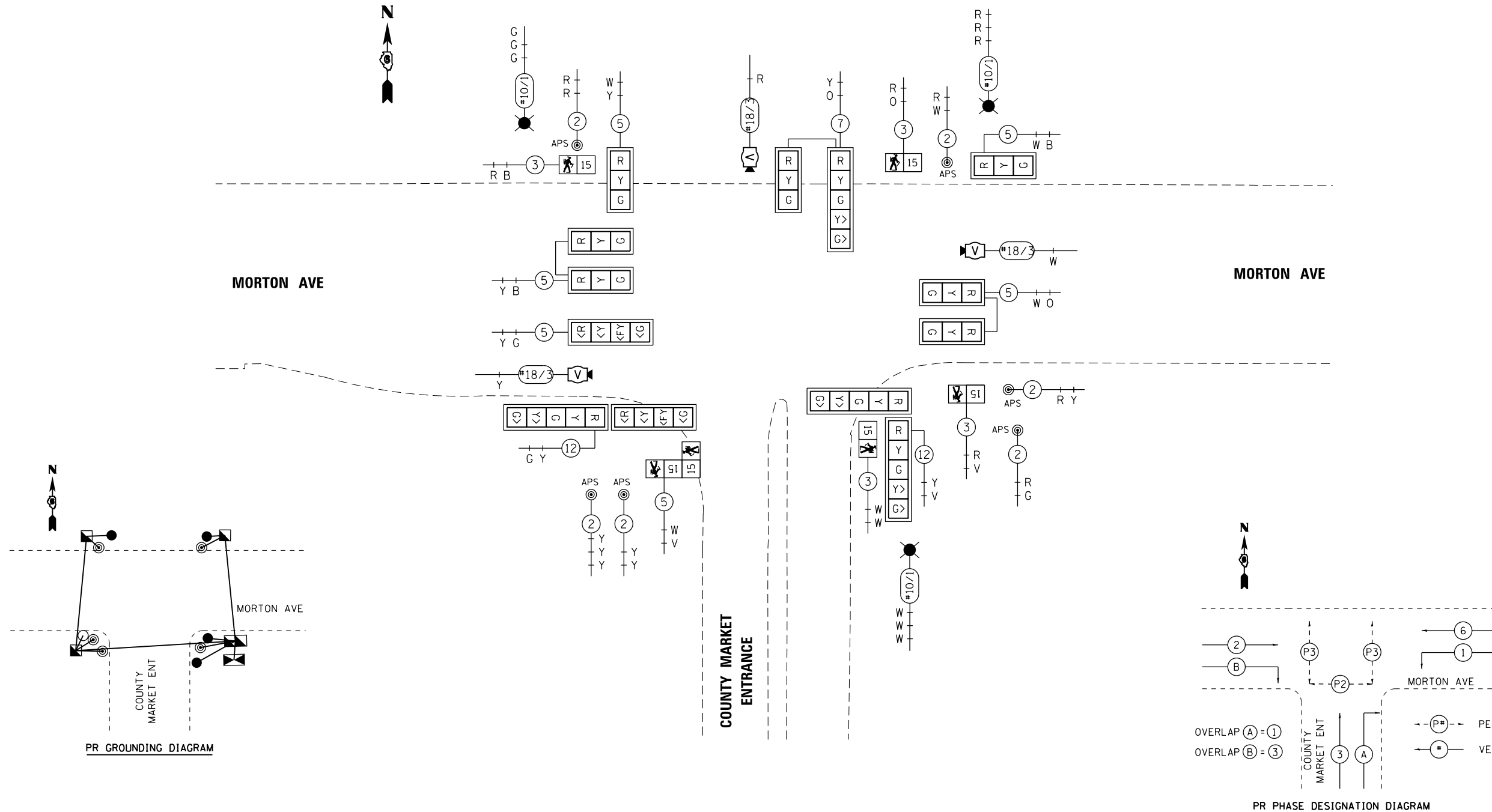
88040280	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-4 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1
88040290	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4
88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	13
X0322765	RELOCATE VIDEO VEHICLE DETECTION SYSTEM	EACH	1
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6
Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	4
Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	1



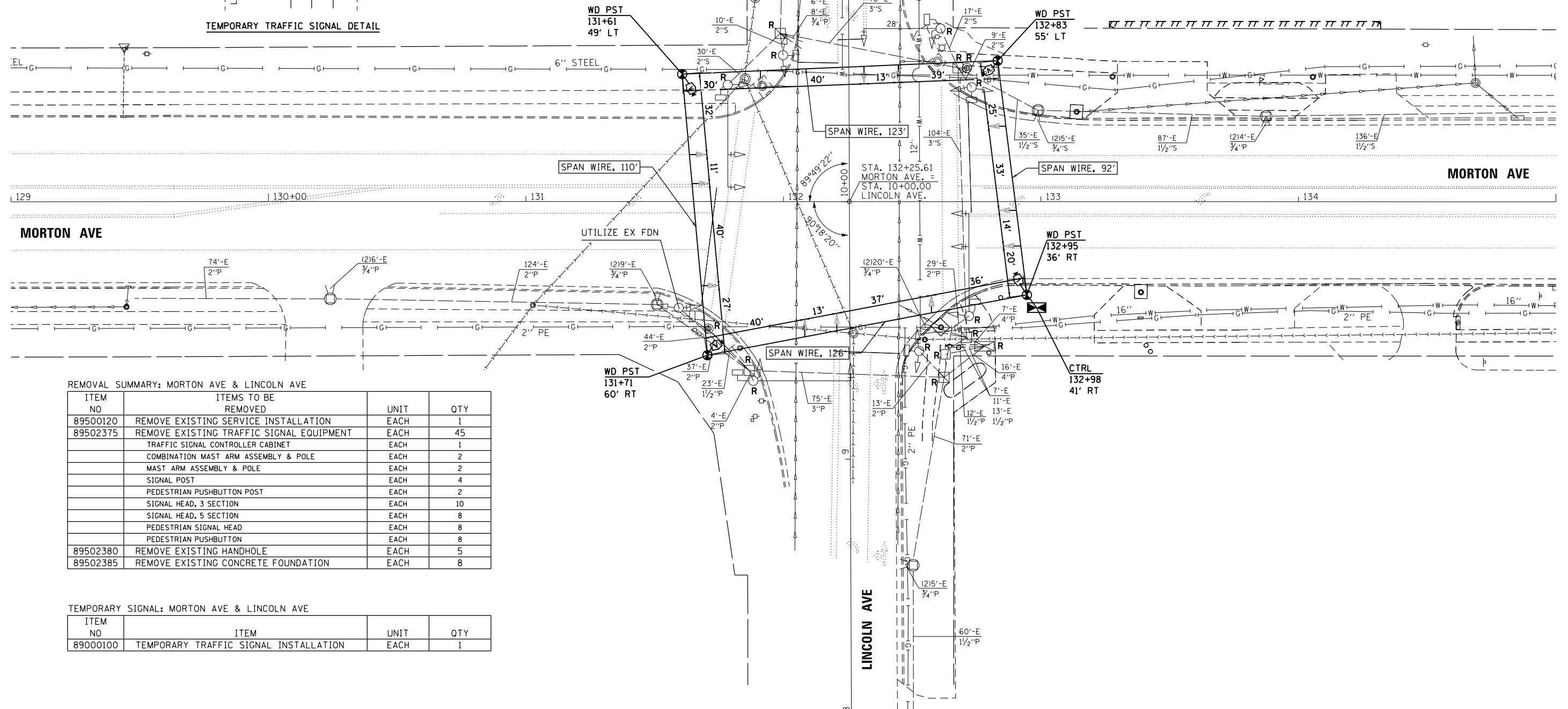
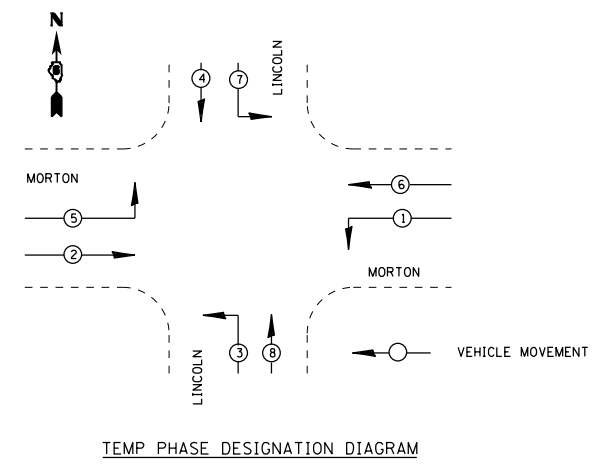
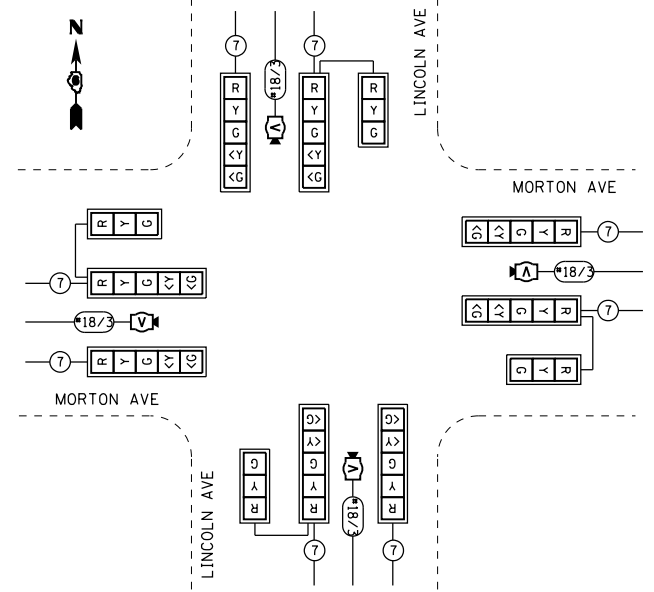
MAST ARM SUMMARY: IL 104 (MORTON AVE) & COUNTY MARKET ENTRANCE

STATION	OFFSET, FT	MAST ARM LENGTH, FT	FDN DIA, FT	FDN LENGTH, FT
STA 121+15	44 LT	46	36	18.5
STA 121+92	44 LT	34	36	12.5
STA 122+06	41 RT	32	36	12.5
-	-	-	-	-

THE FOUNDATION DEPTH DOES NOT MATCH STANDARD 878001-09, FOUNDATION DETAIL. FOUNDATION DEPTH ABOVE ARE BASED ON GEOTECHNICAL INVESTIGATION.



FILE NAME =	USER NAME = Verenskif	DESIGNED - DMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PR TRAFFIC SIGNAL DETAIL IL 104 (MORTON AVE) & COUNTY MARKET ENTRANCE		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIDOT\Documents\IDOT Offices\District 6\Projects\0672015\Traffic\Signal\72021-sht-TS.dgn		DRAWN - DMS	REVISED -		SCALE:	SHEET 26 OF 56 SHEETS	STA. TO STA.	•••	MORGAN	366	254
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					CONTRACT NO. 72D21		ILLINOIS FED. AID PROJECT	
	PLOT DATE = 1/28/2016	DATE - 3-3-2015	REVISED -								



REMOVAL SUMMARY: MORTON AVE & LINCOLN AVE

ITEM NO	ITEMS TO BE REMOVED	UNIT	QTY
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	45
	TRAFFIC SIGNAL CONTROLLER CABINET	EACH	1
	COMBINATION MAST ARM ASSEMBLY & POLE	EACH	2
	MAST ARM ASSEMBLY & POLE	EACH	2
	SIGNAL POST	EACH	4
	PEDESTRIAN PUSHBUTTON POST	EACH	2
	SIGNAL HEAD, 3 SECTION	EACH	10
	SIGNAL HEAD, 5 SECTION	EACH	8
	PEDESTRIAN SIGNAL HEAD	EACH	8
	PEDESTRIAN PUSHBUTTON	EACH	8
89502380	REMOVE EXISTING HANDHOLE	EACH	5
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	8

TEMPORARY SIGNAL: MORTON AVE & LINCOLN AVE

ITEM NO	ITEM	UNIT	QTY
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1

FILE NAME =	USER NAME = Verenskif	DESIGNED - DMS	REVISED -
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 6\Projects\0672021\Drawings\Traffic\72021-shr-TS.dgn		CHECKED -	REVISED -
Default	PLOT DATE = 1/28/2016	DATE -	REVISED -

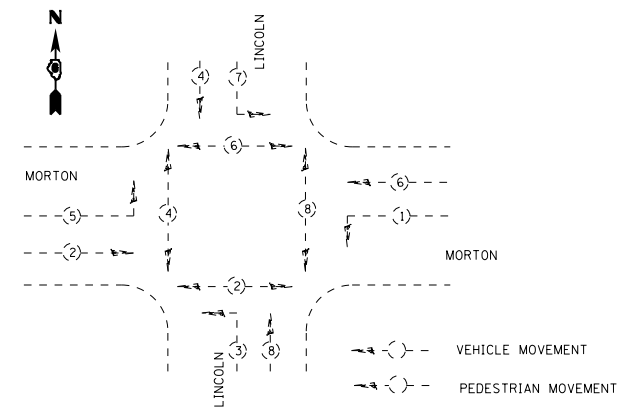
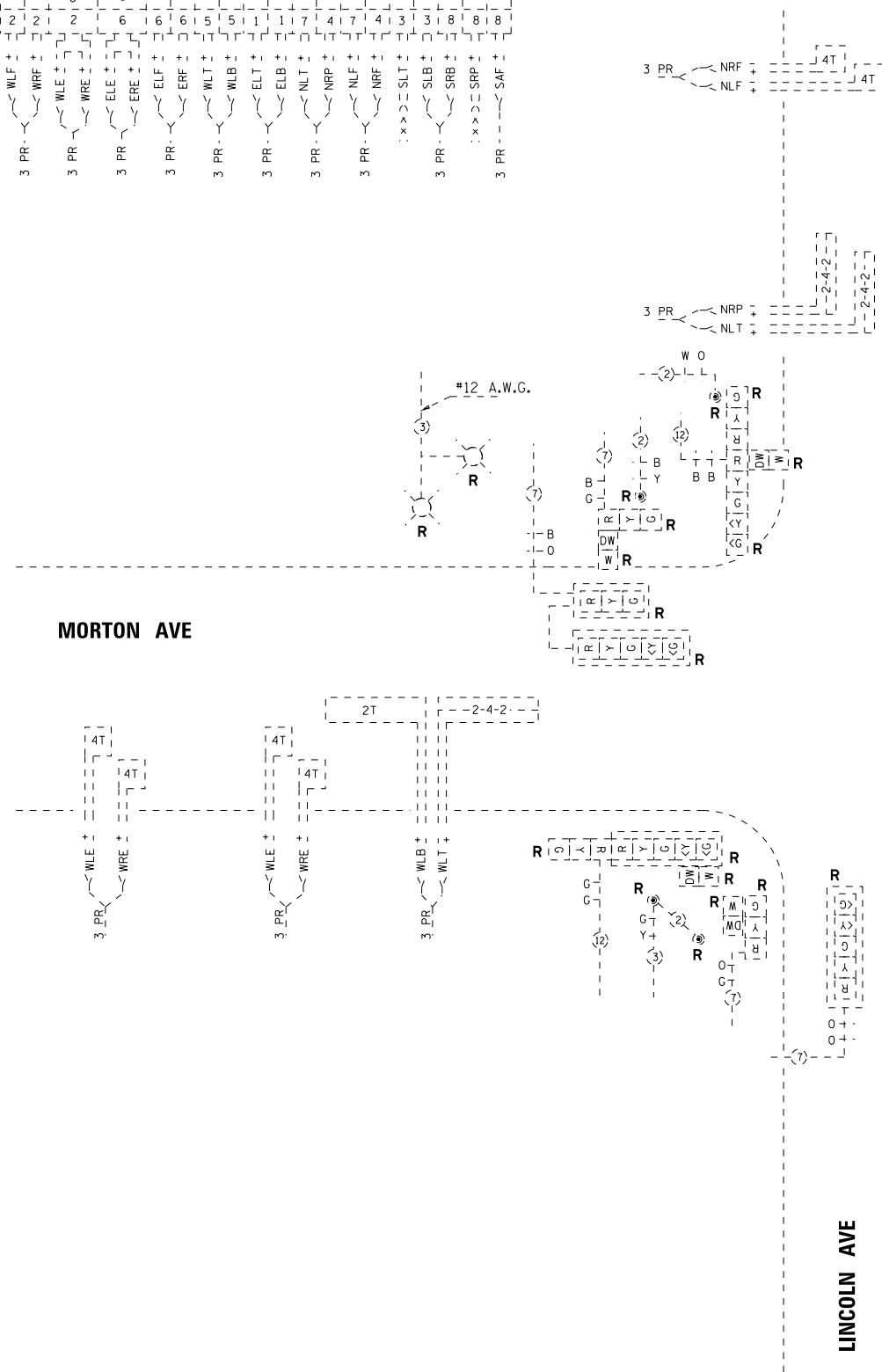
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EX TRAFFIC SIGNAL PLAN		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IL 104 (MORTON AVE) & LINCOLN AVE			...	MORGAN	366	255
SCALE:	SHEET 27 OF 56 SHEETS	STA.	TO STA.	CONTRACT NO. 72D21		

ILLINOIS FED. AID PROJECT	
310A, 753	23BR,RS6,TS-5;33BR-1,RS4,TS-2

EX DETECTORS	
COUNT	HARNESS PIN
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5	5
2	2
6	16
5	5
1	1
7	4
4	4
3	3
8	8

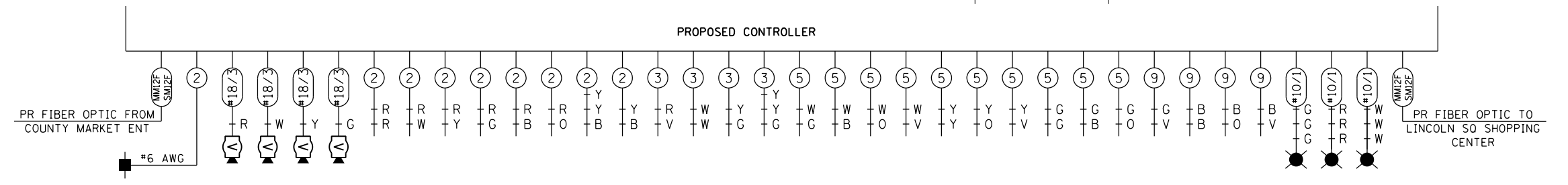
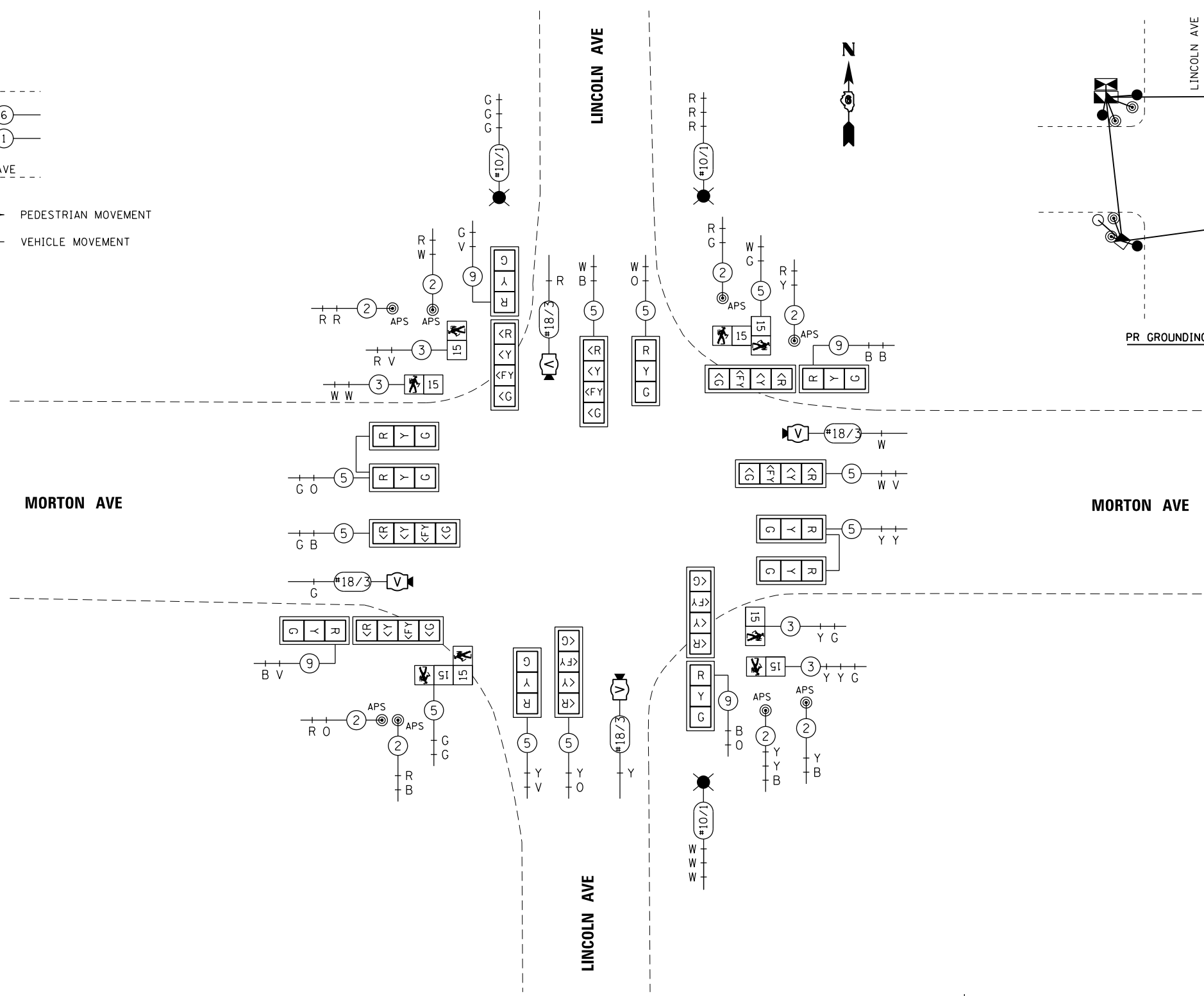
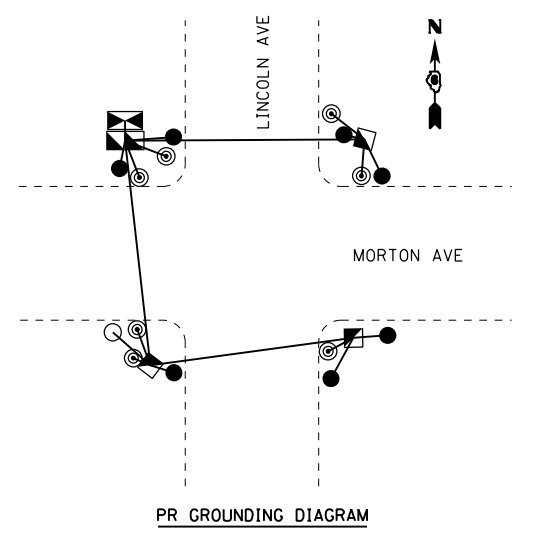
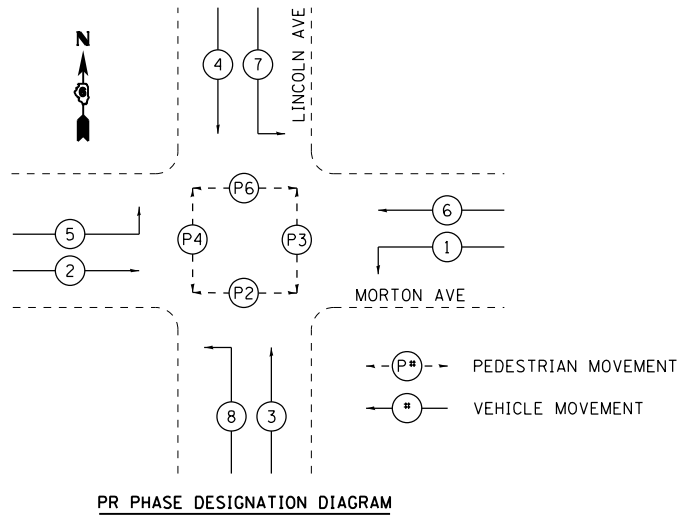
SYSTEM CALL (S)
WLF
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NRF
SLT
SLB
SRB
SRP
SAF



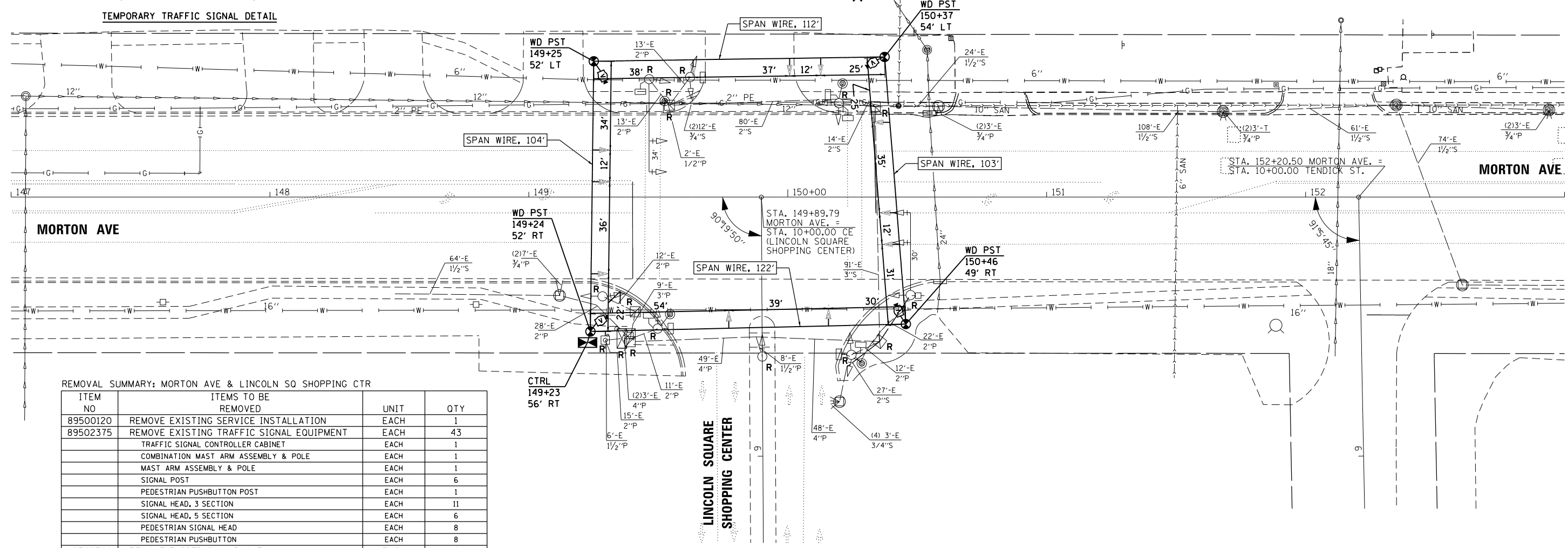
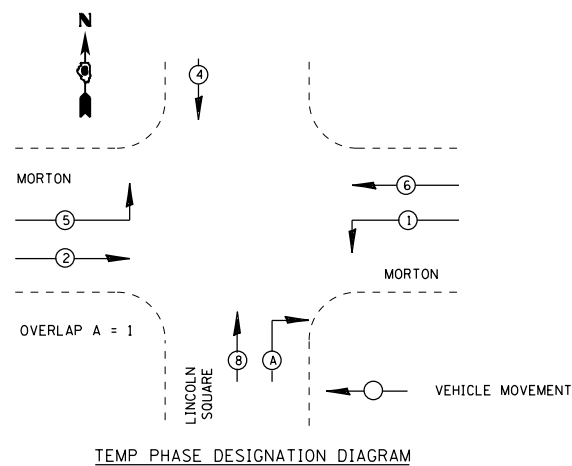
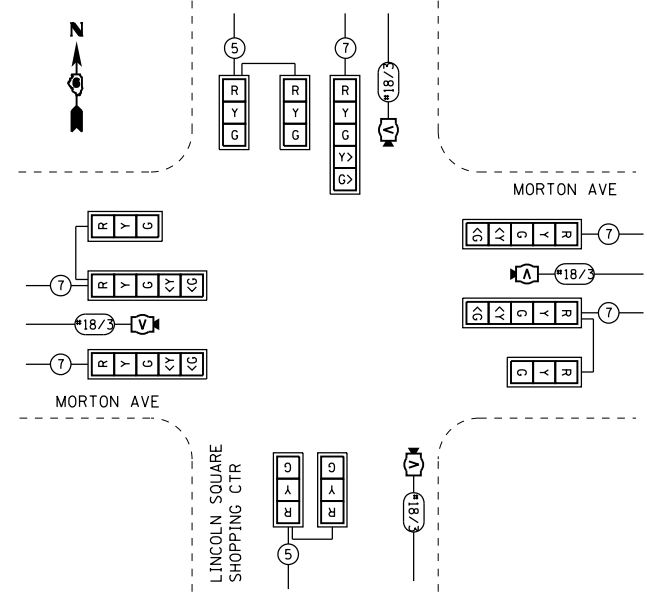
EX PHASE DESIGNATION DIAGRAM

STD SEQUENCE IV
CONT SPECIFIED TY IV

FILE NAME =	USER NAME = Verenski,fa	DESIGNED - DMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EX TRAFFIC SIGNAL DETAIL IL 104 (MORTON AVE) & LINCOLN AVE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 6\Projects\0672016\Drawings\Traffic\MS72021-sht-TS.dgn	DRWN	DATE	REVISED			•	•••	MORGAN	366	256
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 72D21		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 1/28/2016	DATE - 3-3-2015	REVISED -			SCALE: SHEET 28 OF 56 SHEETS STA. TO STA.				



FILE NAME =	USER NAME = Slegiert	DESIGNED - DMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PR TRAFFIC SIGNAL DETAIL IL 104 (MORTON AVE) & LINCOLN AVE			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default		CHECKED -	REVISED -		SCALE:	SHEET 30	OF 56 SHEETS	STA.	TO STA.	MORGAN	366	258
		DATE - 3-3-2015	REVISED -							CONTRACT NO. 72D21		
										ILLINOIS FED. AID PROJECT		



REMOVAL SUMMARY: MORTON AVE & LINCOLN SQ SHOPPING CTR

ITEM NO	ITEMS TO BE REMOVED	UNIT	QTY
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	43
	TRAFFIC SIGNAL CONTROLLER CABINET	EACH	1
	COMBINATION MAST ARM ASSEMBLY & POLE	EACH	1
	MAST ARM ASSEMBLY & POLE	EACH	1
	SIGNAL POST	EACH	6
	PEDESTRIAN PUSHBUTTON POST	EACH	1
	SIGNAL HEAD, 3 SECTION	EACH	11
	SIGNAL HEAD, 5 SECTION	EACH	6
	PEDESTRIAN SIGNAL HEAD	EACH	8
	PEDESTRIAN PUSHBUTTON	EACH	8
89502380	REMOVE EXISTING HANDHOLE	EACH	4
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	9

TEMPORARY SIGNAL: MORTON AVE & LINCOLN SQ SHOPPING CTR

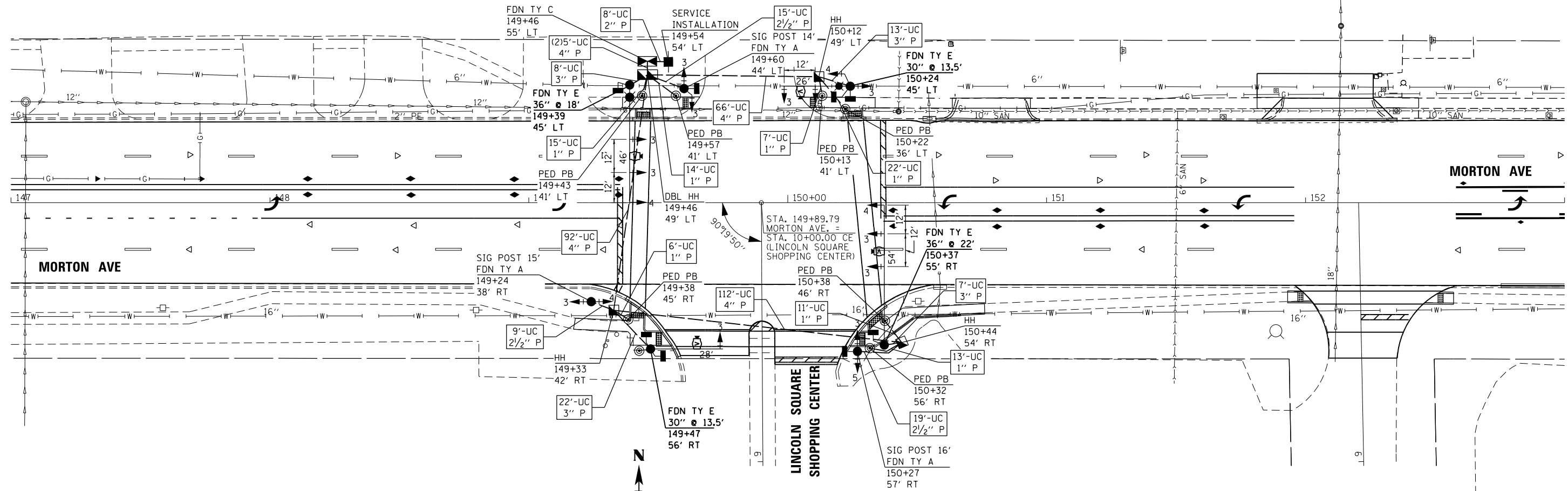
ITEM NO	ITEM	UNIT	QTY
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1

INTERSECTION QUANTITIES: IL 104 (MORTON AVE) & LINCOLN SQ SHOPPING CTR

ITEM NO.	ITEM	UNIT	QTY
80500100	SERVICE INSTALLATION, TYPE A	EACH	1
81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	89
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	8
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	43
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	50
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	280
81400100	HANDHOLE	EACH	3
81400300	DOUBLE HANDHOLE	EACH	1
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	287
82103250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 250 WATT	EACH	2
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1
86400100	TRANSCEIVER - FIBER OPTIC	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,187
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	676
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,574
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	234
87301265	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 9C	FOOT	578
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	823

87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	31
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	470
87502680	TRAFFIC SIGNAL POST, ALUMINUM 14 FT.	EACH	1
87502690	TRAFFIC SIGNAL POST, ALUMINUM 15 FT.	EACH	1
87502700	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	1
87602000	PEDESTRIAN PUSH-BUTTON POST	EACH	7
87700180	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1
87700310	STEEL MAST ARM ASSEMBLY AND POLE, 54 FT.	EACH	1
87702860	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 26 FT.	EACH	1
87702960	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	9
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3.5
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	27
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	40
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	6
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	2
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1

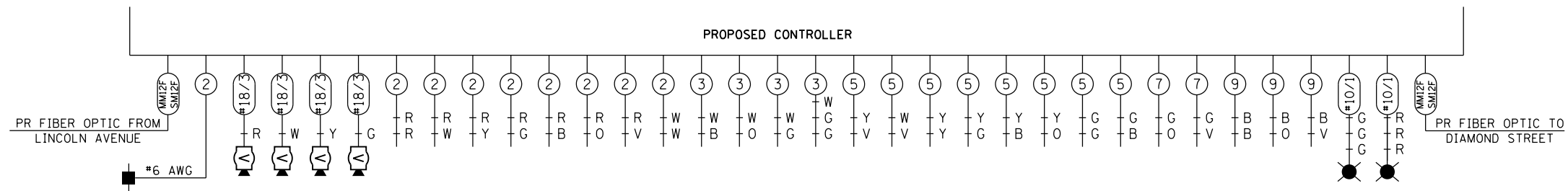
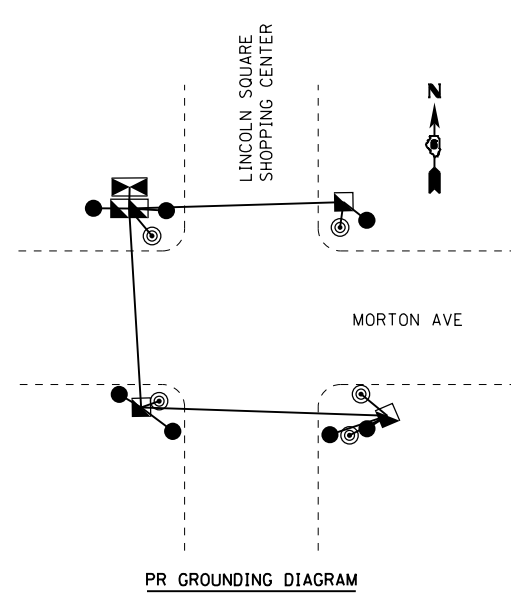
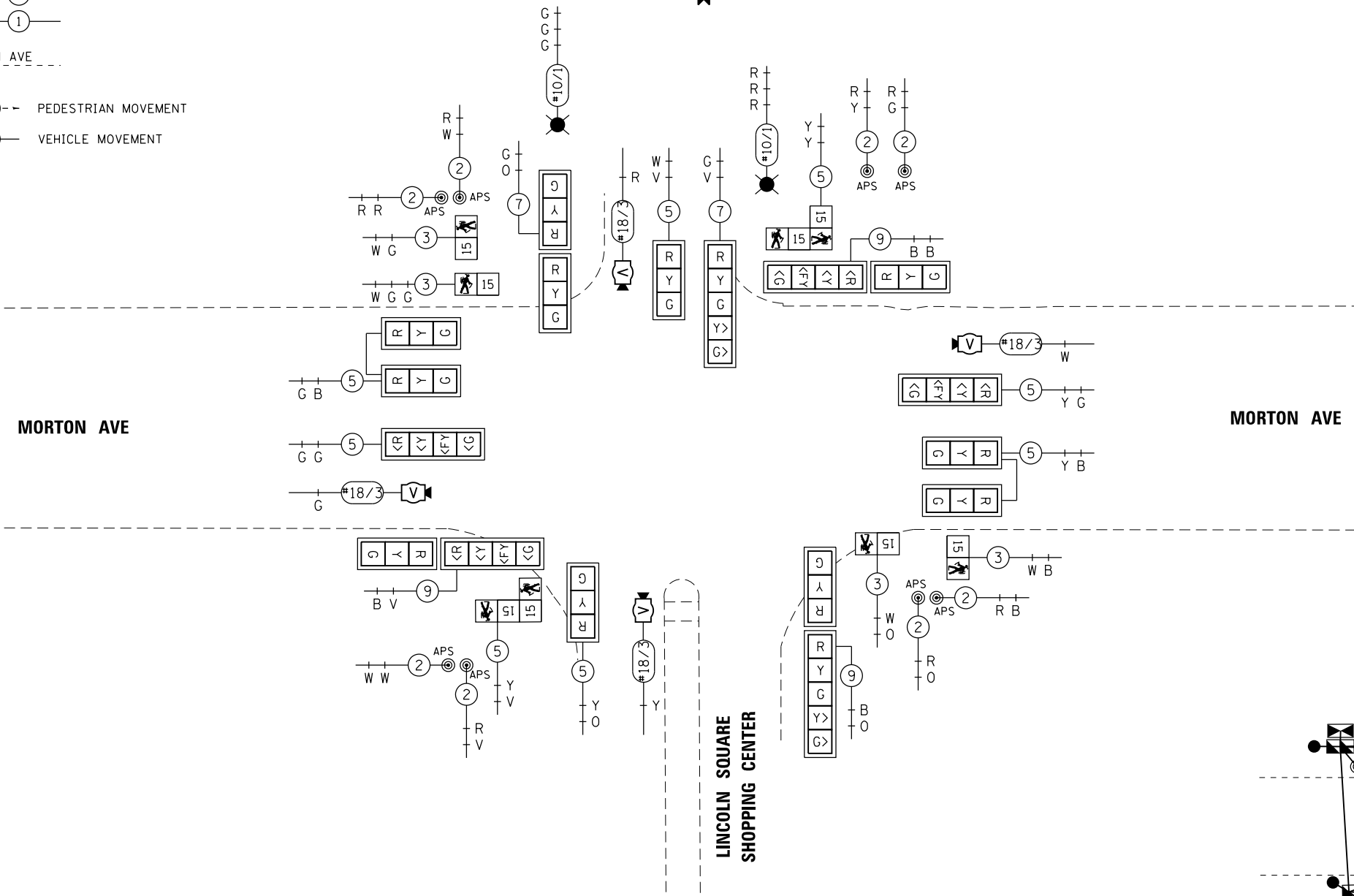
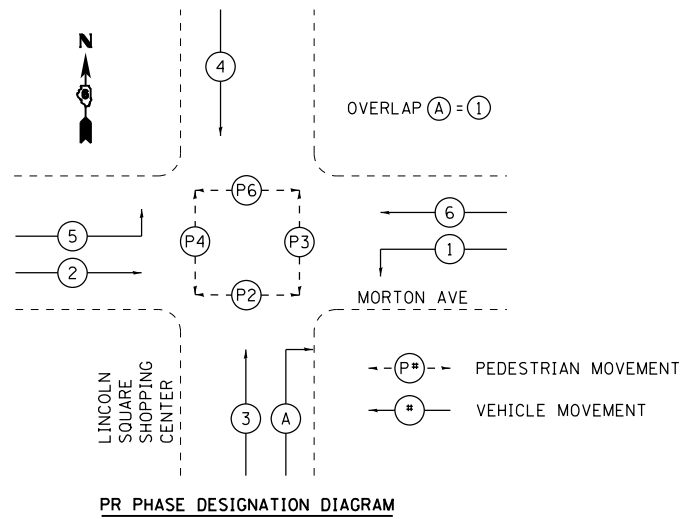
88040230	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
88040250	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED	EACH	2
88040260	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	1
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4
88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	17
X0322765	RELOCATE VIDEO VEHICLE DETECTION SYSTEM	EACH	1
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	4
Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	1



MAST ARM SUMMARY: IL 104 (MORTON AVE) & LINCOLN SQ SHOPPING CTR

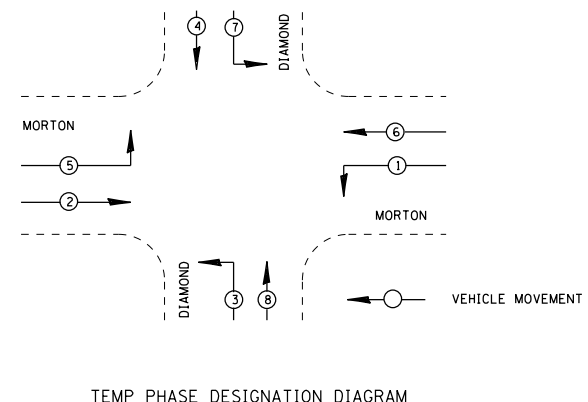
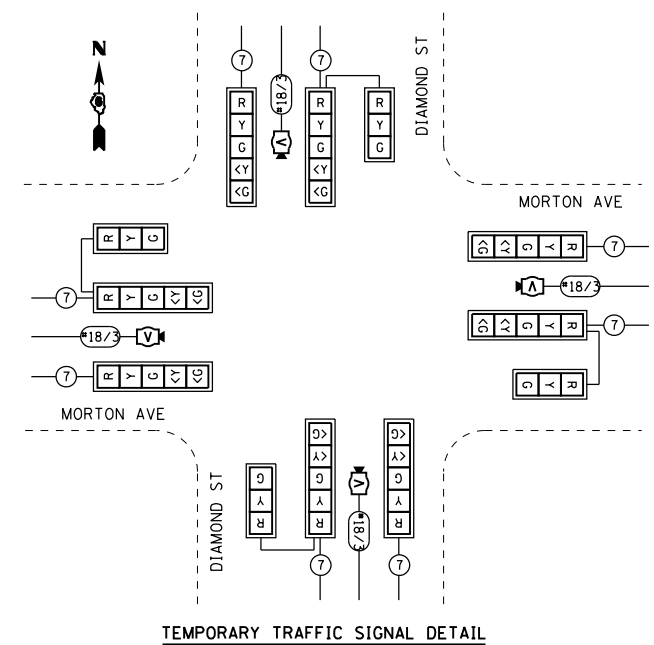
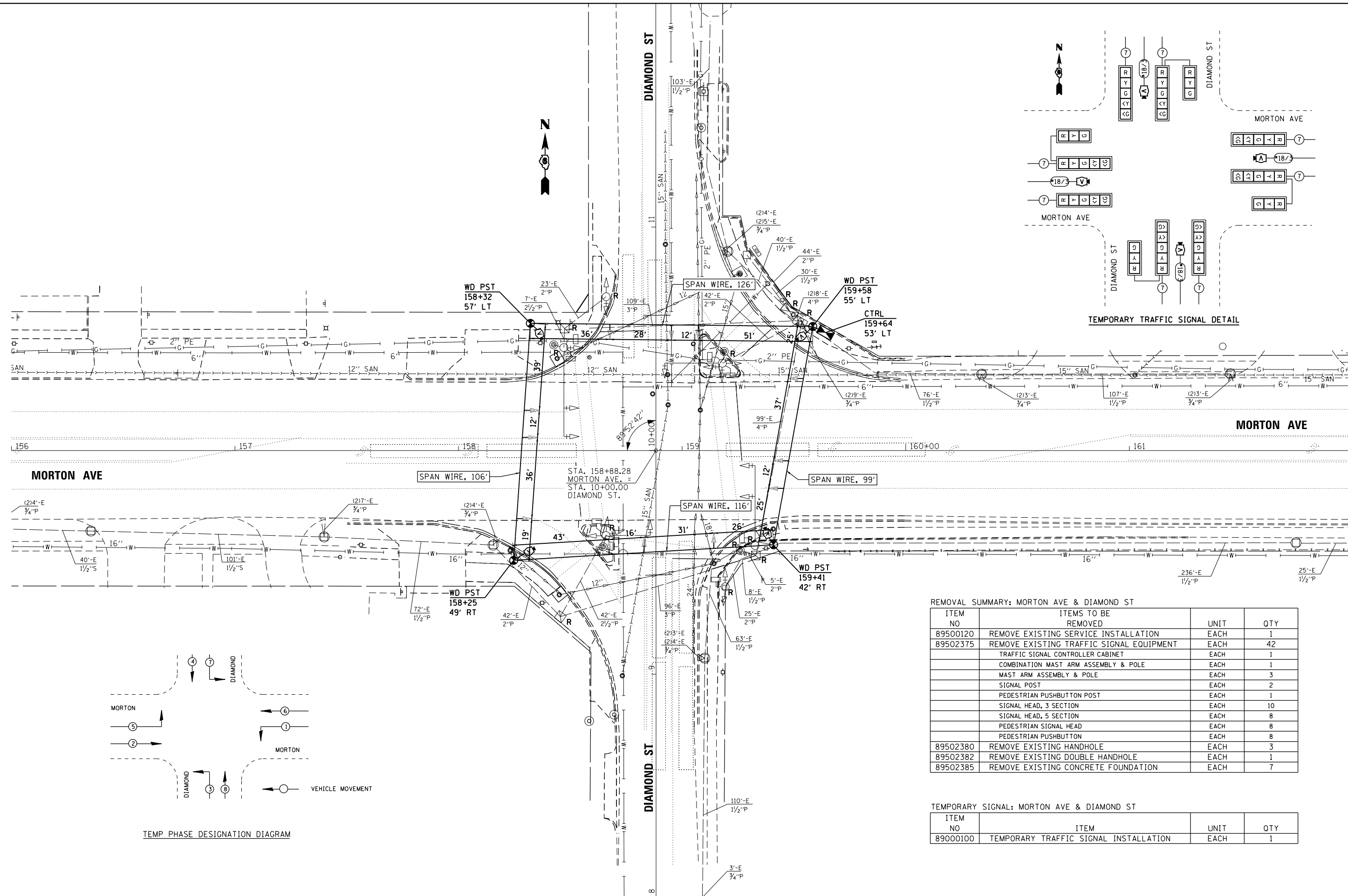
STATION	OFFSET, FT	MAST ARM LENGTH, FT	FDN DIA, FT	FDN LENGTH, FT
STA 149+39	45 LT	46	36	18
STA 150+24	45 LT	26	30	13.5
STA 150+37	55 RT	54	36	22
STA 149+48	57 RT	26	30	13.5

THE FOUNDATION DEPTH DOES NOT MATCH STANDARD 878001-09, FOUNDATION DETAIL. FOUNDATION DEPTH ABOVE ARE BASED ON GEOTECHNICAL INVESTIGATION.



FILE NAME =	USER NAME = Verenskif	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PR TRAFFIC SIGNAL DETAIL IL 104 (MORTON AVE) & LINCOLN SQ SHOPPING CTR	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG\Illinois.gov\PIWIDOT\Documents\IDOT Offices\District 6\Projects\0672015\Drawings\Traffic\MS72021-sht-TS.dgn	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			•••	•••	MORGAN	366	262	
Default	PLOT DATE = 1/28/2016	DATE - 3-3-2015	REVISED -			CONTRACT NO. 72D21					
						ILLINOIS FED. AID PROJECT					

SCALE: SHEET 34 OF 56 SHEETS STA. TO STA. 310A, 753 ••• 23BR,RS6,TS-5;33BR-1,RS4,TS-2



REMOVAL SUMMARY: MORTON AVE & DIAMOND ST

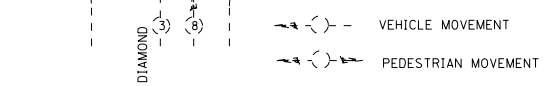
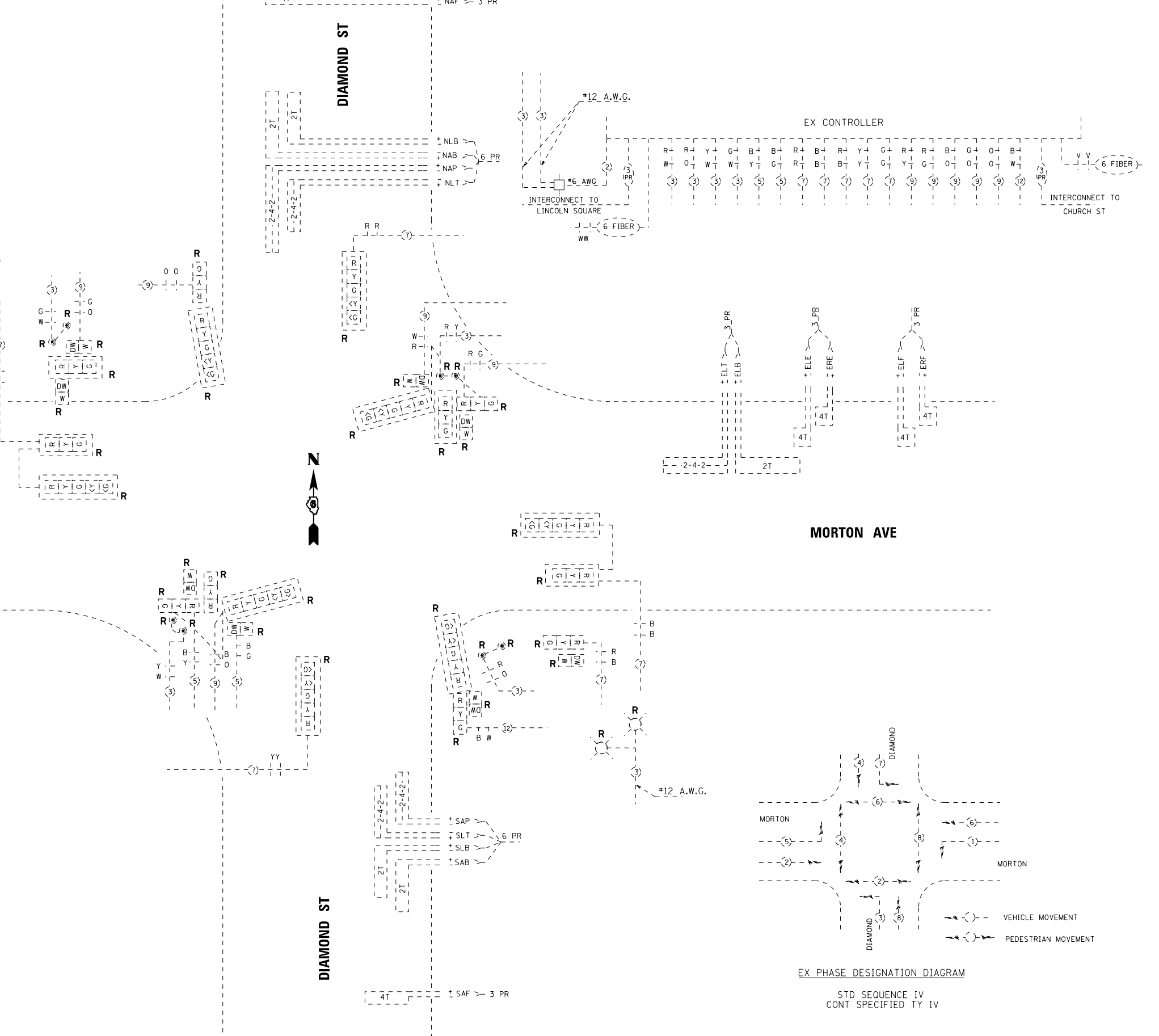
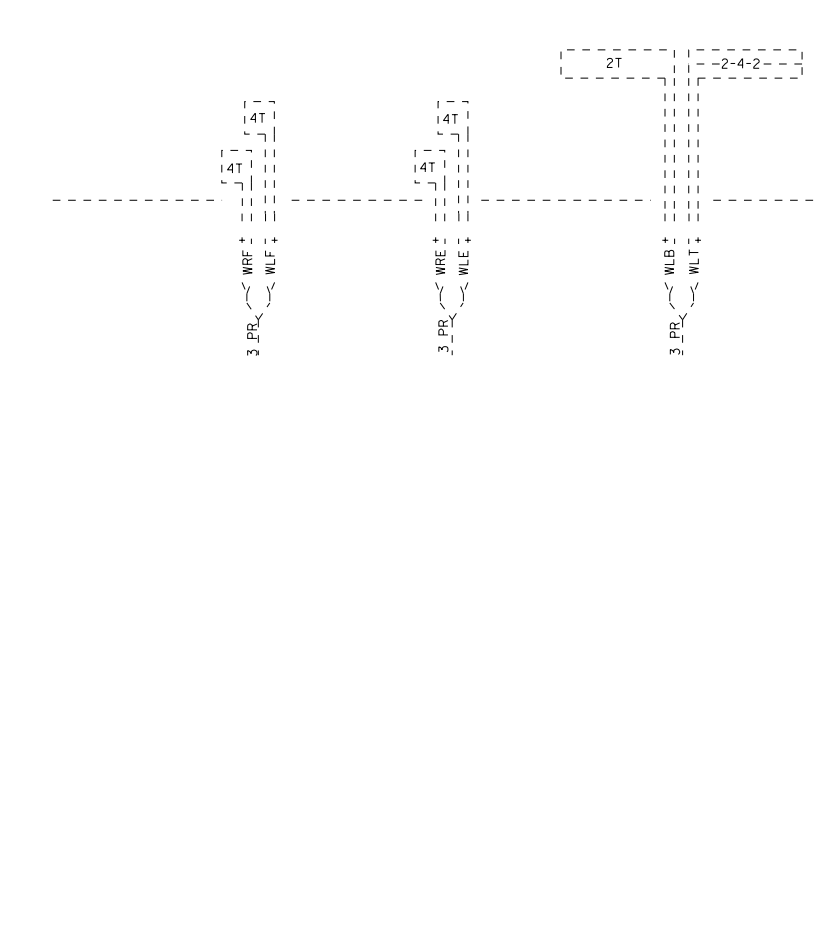
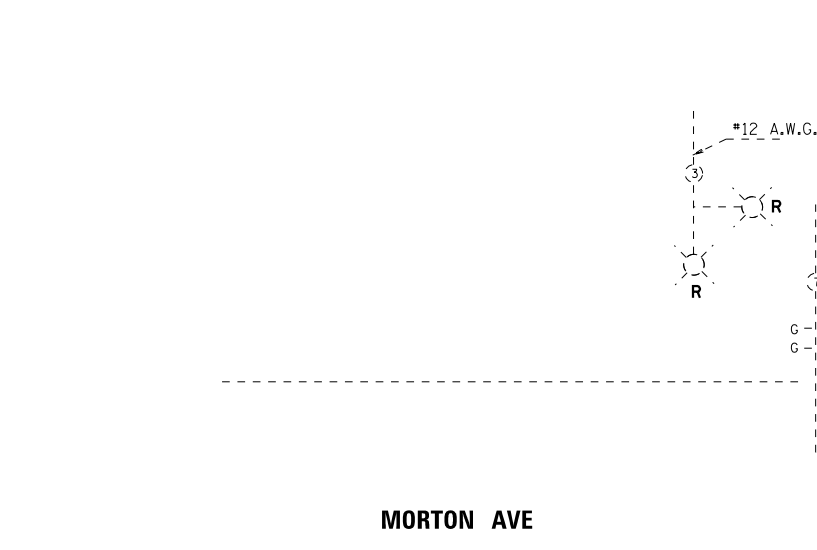
ITEM NO	ITEMS TO BE REMOVED	UNIT	QTY
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	42
	TRAFFIC SIGNAL CONTROLLER CABINET	EACH	1
	COMBINATION MAST ARM ASSEMBLY & POLE	EACH	1
	MAST ARM ASSEMBLY & POLE	EACH	3
	SIGNAL POST	EACH	2
	PEDESTRIAN PUSHBUTTON POST	EACH	1
	SIGNAL HEAD, 3 SECTION	EACH	10
	SIGNAL HEAD, 5 SECTION	EACH	8
	PEDESTRIAN SIGNAL HEAD	EACH	8
	PEDESTRIAN PUSHBUTTON	EACH	8
89502380	REMOVE EXISTING HANDHOLE	EACH	3
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	7

TEMPORARY SIGNAL: MORTON AVE & DIAMOND ST

ITEM NO	ITEM	UNIT	QTY
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1

COUNT	HARNESS	PIN
2	1	12
5	5	5
2	2	2
6	1	16
5	5	5
1	1	1
7	7	7
4	4	4
3	3	3
8	8	8
3	3	3
3	3	3

SYSTEM CALL (S)
WLF
WRF
WLE
WRE
ELE
ERE
ELF
ERF
WLT
WLB
ELT
ELB
NLT
NLB
NAP
NAB
SLT
SLB
SAP
SAB
SAF
NAF



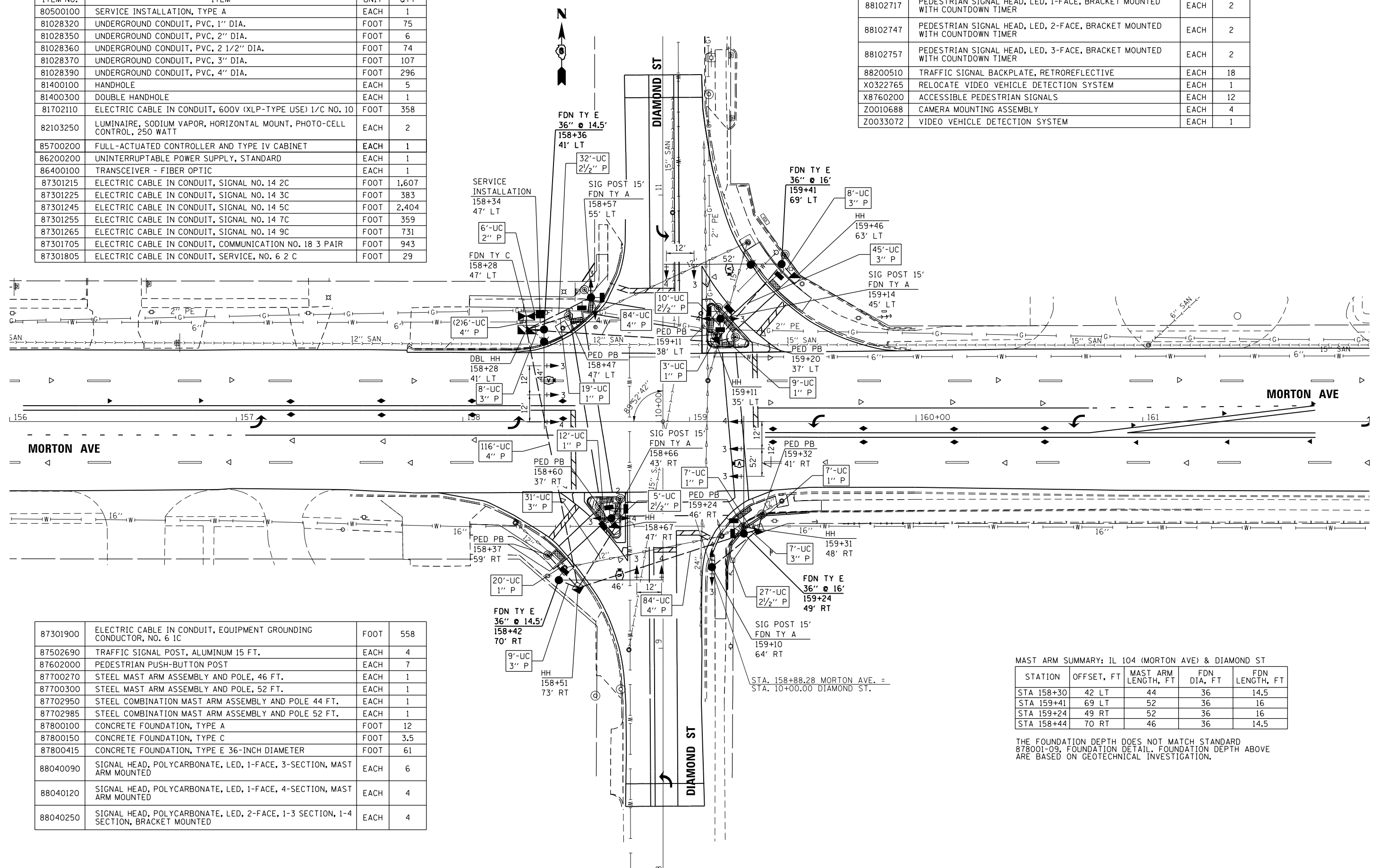
STD SEQUENCE IV
CONT SPECIFIED BY IV

FILE NAME =	USER NAME = Verenskif	DESIGNED - DMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EX TRAFFIC SIGNAL DETAIL IL 104 (MORTON AVE) & DIAMOND ST			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 6\Projects\0672021\Traffic\0672021-shr-TS.dgn		CHECKED -	REVISED -		SCALE:	SHEET 36	OF 56 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	MORGAN	366	264
Default		DATE - 3-3-2015	REVISED -								CONTRACT NO. 72D21		
											310A, 753 ••• 23BR,RS6,TS-5;33BR-1,RS4,TS-2		

INTERSECTION QUANTITIES: IL 104 (MORTON AVE) & DIAMOND ST

ITEM NO.	ITEM	UNIT	QTY
80500100	SERVICE INSTALLATION, TYPE A	EACH	1
81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	75
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	6
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	74
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	107
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	296
81400100	HANDHOLE	EACH	5
81400300	DOUBLE HANDHOLE	EACH	1
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	358
82103250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 250 WATT	EACH	2
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1
86400100	TRANSCEIVER - FIBER OPTIC	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,607
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	383
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2,404
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	359
87301265	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 9C	FOOT	731
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	943
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	29

88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
88102757	PEDESTRIAN SIGNAL HEAD, LED, 3-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	18
X0322765	RELOCATE VIDEO VEHICLE DETECTION SYSTEM	EACH	1
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	12
Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	4
Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	1

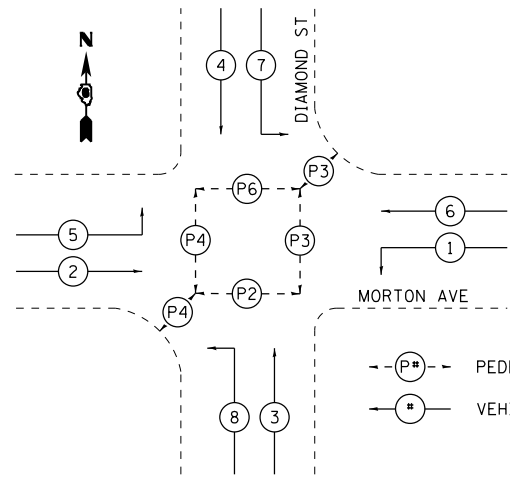


87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	558
87502690	TRAFFIC SIGNAL POST, ALUMINUM 15 FT.	EACH	4
87602000	PEDESTRIAN PUSH-BUTTON POST	EACH	7
87700270	STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1
87700300	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1
87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1
87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3.5
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	61
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	6
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	4
88040250	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED	EACH	4

MAST ARM SUMMARY: IL 104 (MORTON AVE) & DIAMOND ST

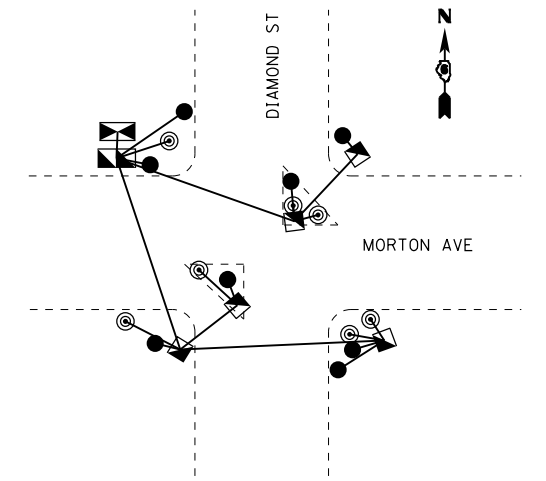
STATION	OFFSET, FT	MAST ARM LENGTH, FT	FDN DIA, FT	FDN LENGTH, FT
STA 158+30	42 LT	44	36	14.5
STA 159+41	69 LT	52	36	16
STA 159+24	49 RT	52	36	16
STA 158+44	70 RT	46	36	14.5

THE FOUNDATION DEPTH DOES NOT MATCH STANDARD 878001-09, FOUNDATION DETAIL. FOUNDATION DEPTH ABOVE ARE BASED ON GEOTECHNICAL INVESTIGATION.

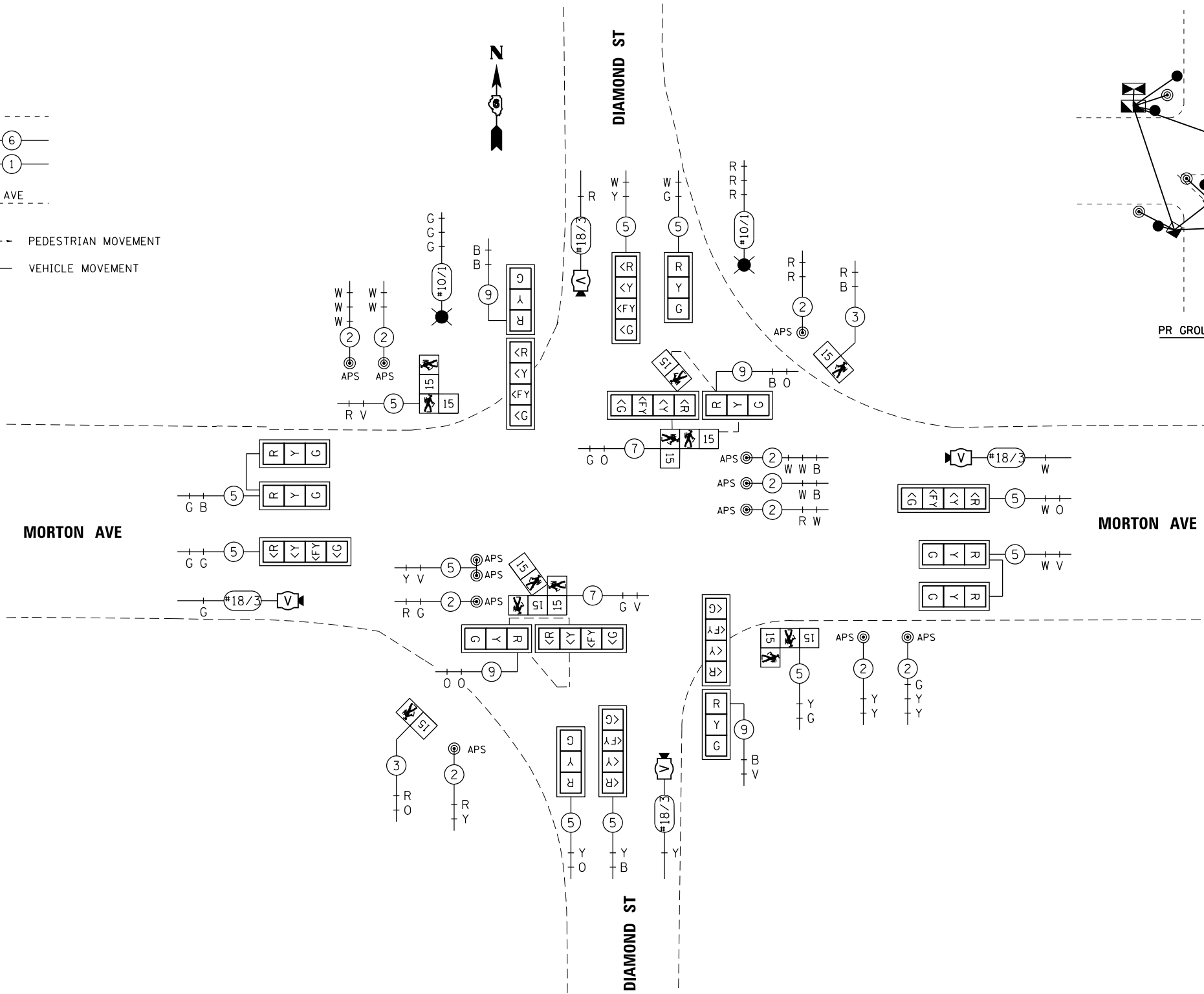


PR PHASE DESIGNATION DIAGRAM

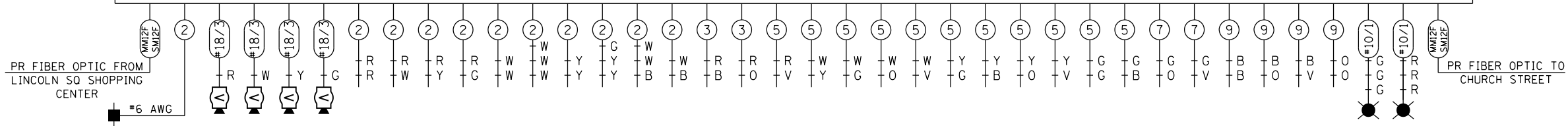
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 --(#)-- VEHICLE MOVEMENT



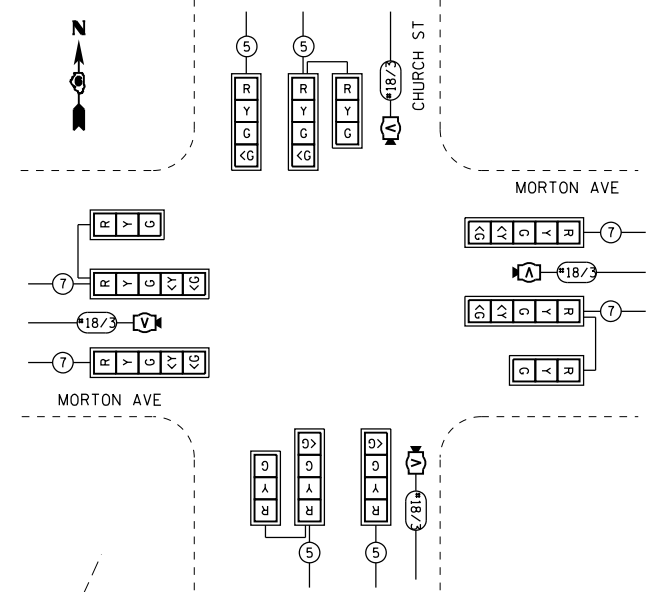
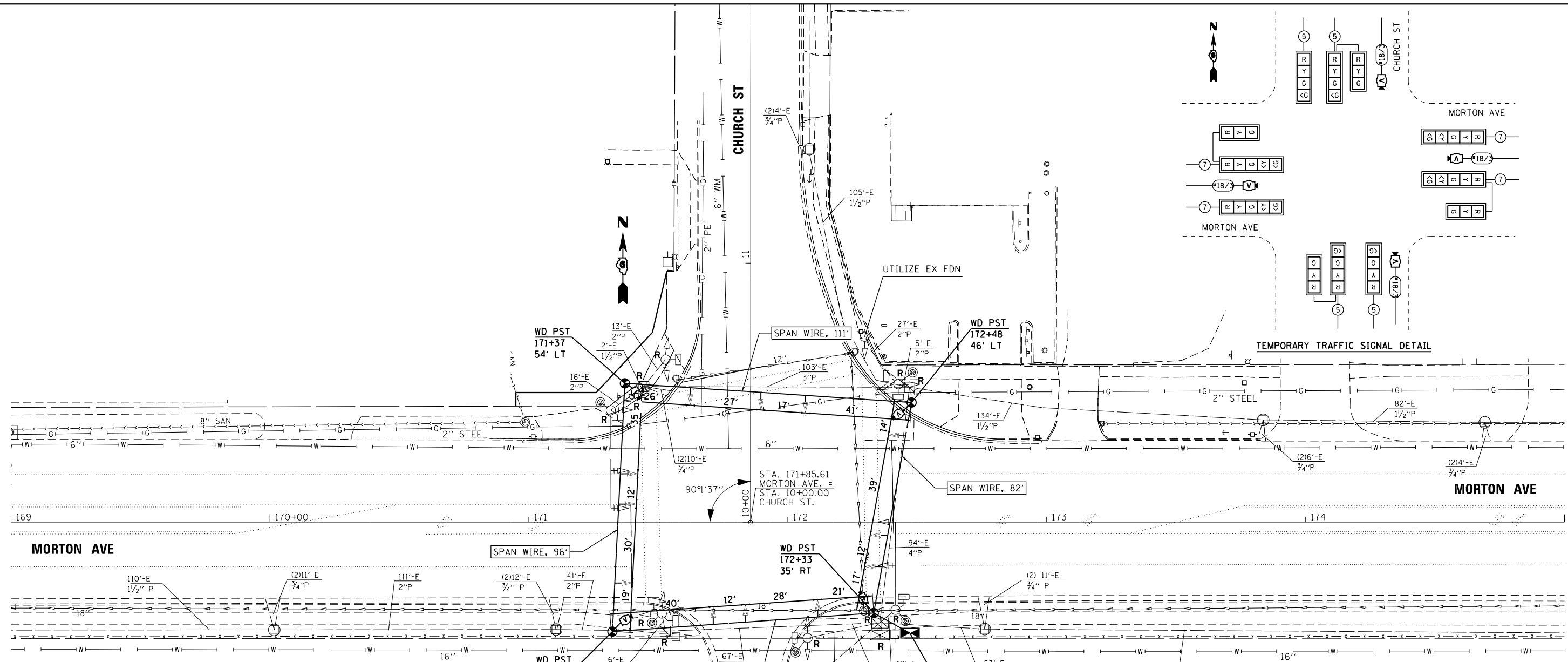
PR GROUNDING DIAGRAM



PROPOSED CONTROLLER



FILE NAME =	USER NAME = Verenskif	DESIGNED - DMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PR TRAFFIC SIGNAL DETAIL IL 104 (MORTON AVE) & DIAMOND ST	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 6\Projects\0672015\Traffic\Signal\72021-sht-TS.dgn	DRAWN	DMS	72021-sht-TS.dgn			•	•••	MORGAN	366	266	
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			SCALE: SHEET 38 OF 56 SHEETS STA. TO STA.		CONTRACT NO. 72D21			
	PLOT DATE = 1/28/2016	DATE - 3-3-2015	REVISED -			ILLINOIS FED. AID PROJECT					

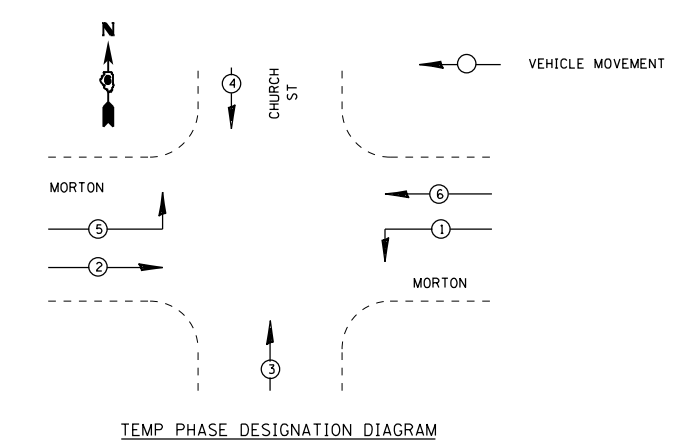


REMOVAL SUMMARY: MORTON AVE & CHURCH ST

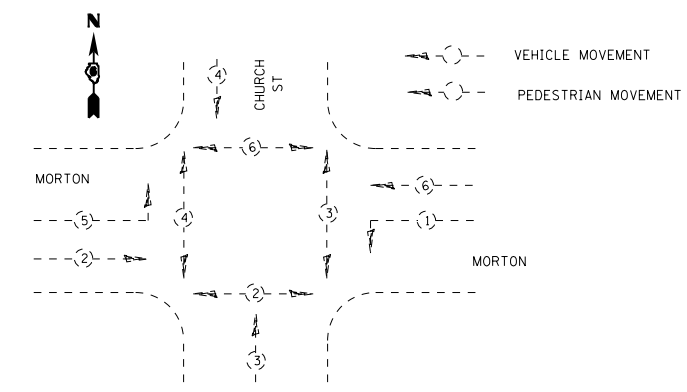
ITEM NO	ITEMS TO BE REMOVED	UNIT	QTY
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	41
	TRAFFIC SIGNAL CONTROLLER CABINET	EACH	1
	COMBINATION MAST ARM ASSEMBLY & POLE	EACH	2
	SIGNAL POST	EACH	5
	PEDESTRIAN PUSHBUTTON POST	EACH	1
	SIGNAL HEAD, 3 SECTION	EACH	10
	SIGNAL HEAD, 4 SECTION	EACH	2
	SIGNAL HEAD, 5 SECTION	EACH	4
	PEDESTRIAN SIGNAL HEAD	EACH	8
	PEDESTRIAN PUSHBUTTON	EACH	8
89502380	REMOVE EXISTING HANDHOLE	EACH	3
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	7

TEMPORARY SIGNAL: MORTON AVE & CHURCH ST

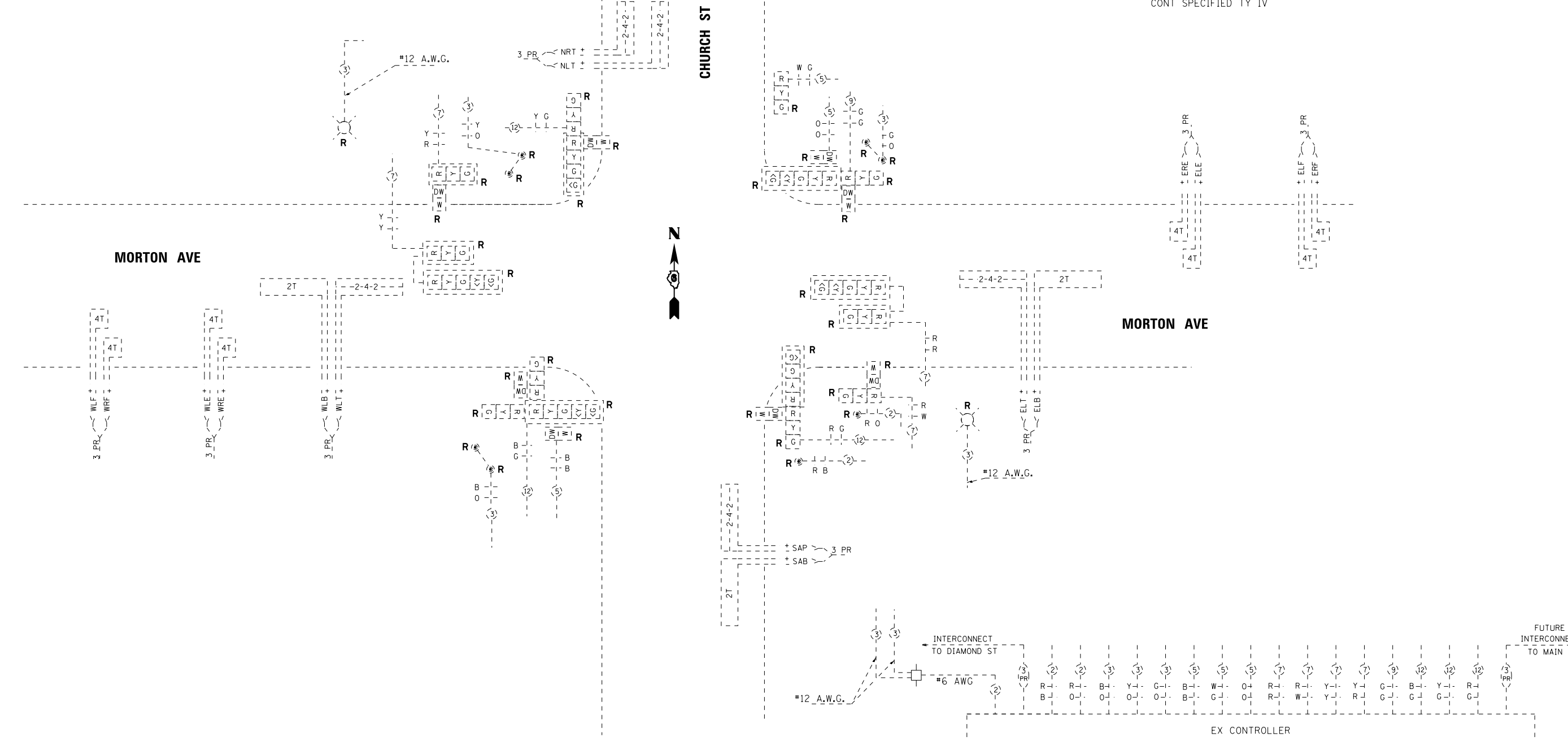
ITEM NO	ITEM	UNIT	QTY
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1



EX DETECTORS	2	12	6	16	5	1	3	4	7
COUNT HARNESS PIN	2	12	6	16	5	1	3	4	7
SYSTEM CALL (S)	S	S	S	S	S	S	S	S	S
CALL ON GREEN ONLY (G)	G	G	G	G	G	G	G	G	G
PHASE	2	2	6	6	5	5	1	3	4
	WLF +	WRF +	ELE +	ERE +	WLT +	WLB +	ELT +	SAP +	SAB +
	3 PR	3 PR	3 PR	3 PR	3 PR	3 PR	3 PR	3 PR	3 PR
	WLE +	WRE +	ELF +	ERF +	NLT +	NLB +	ELB +	NRT +	NLT +
	3 PR	3 PR	3 PR	3 PR	3 PR	3 PR	3 PR	3 PR	3 PR
	WLF +	WRF +	ELE +	ERE +	WLT +	WLB +	ELT +	SAP +	SAB +
	3 PR	3 PR	3 PR	3 PR	3 PR	3 PR	3 PR	3 PR	3 PR
	WLE +	WRE +	ELF +	ERF +	NLT +	NLB +	ELB +	NRT +	NLT +
	3 PR	3 PR	3 PR	3 PR	3 PR	3 PR	3 PR	3 PR	3 PR



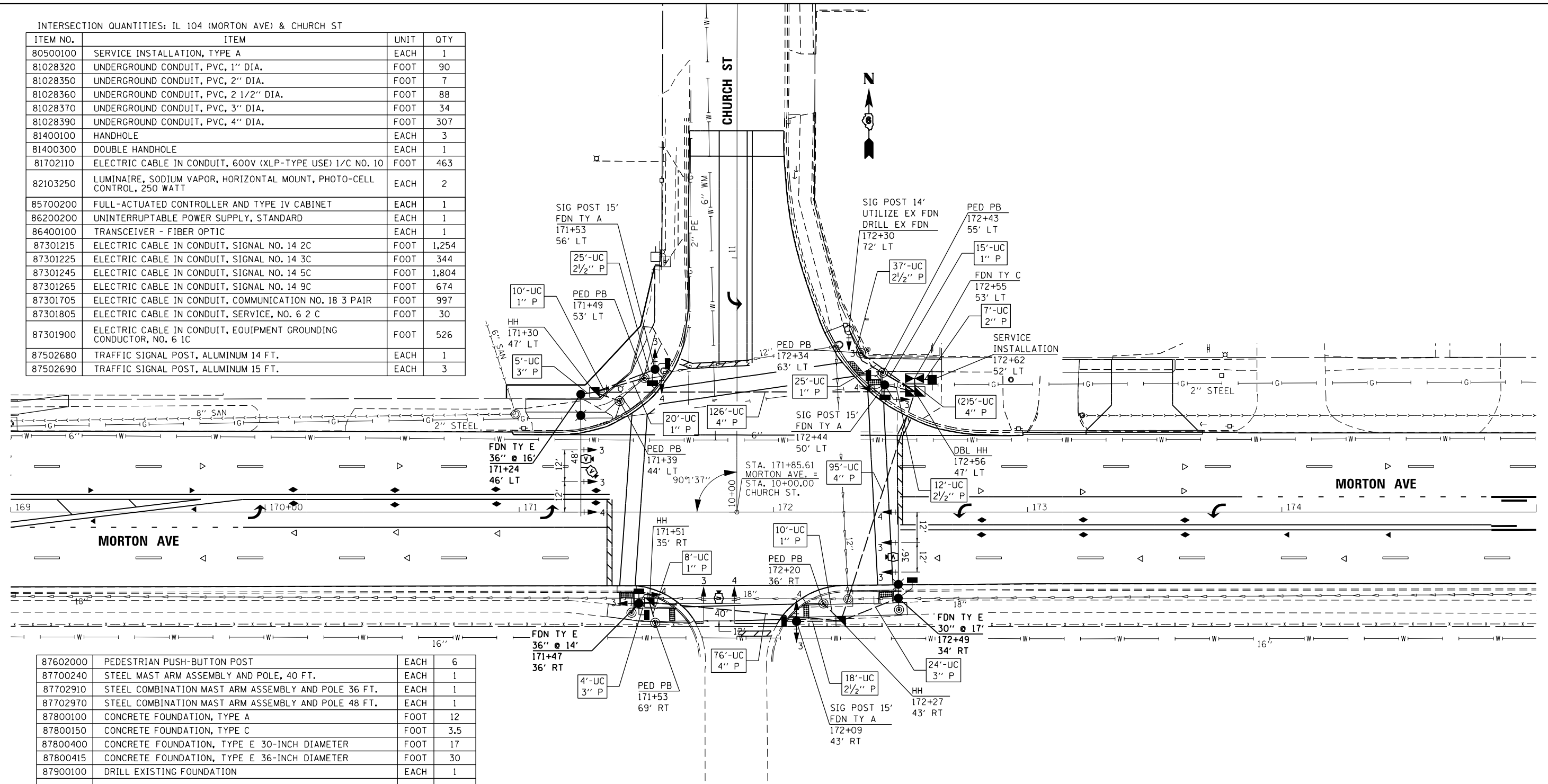
EX PHASE DESIGNATION DIAGRAM
STD SEQUENCE IV
CONT SPECIFIED TY IV



FILE NAME =	USER NAME = Verenskif	DESIGNED - DMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EX TRAFFIC SIGNAL DETAIL IL 104 (MORTON AVE) & CHURCH ST			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 6\Projects\0672015\Traffic\0672021-sht-TS.dgn		CHECKED -	REVISED -						***	MORGAN	366	268
Default		DATE - 3-3-2015	REVISED -			SCALE:	SHEET 40 OF 56 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		
										CONTRACT NO. 72D21		

INTERSECTION QUANTITIES: IL 104 (MORTON AVE) & CHURCH ST

ITEM NO.	ITEM	UNIT	QTY
80500100	SERVICE INSTALLATION, TYPE A	EACH	1
81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	90
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	7
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	88
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	34
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	307
81400100	HANDHOLE	EACH	3
81400300	DOUBLE HANDHOLE	EACH	1
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	463
82103250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 250 WATT	EACH	2
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1
86400100	TRANSCEIVER - FIBER OPTIC	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,254
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	344
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,804
87301265	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 9C	FOOT	674
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	997
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	30
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	526
87502680	TRAFFIC SIGNAL POST, ALUMINUM 14 FT.	EACH	1
87502690	TRAFFIC SIGNAL POST, ALUMINUM 15 FT.	EACH	3

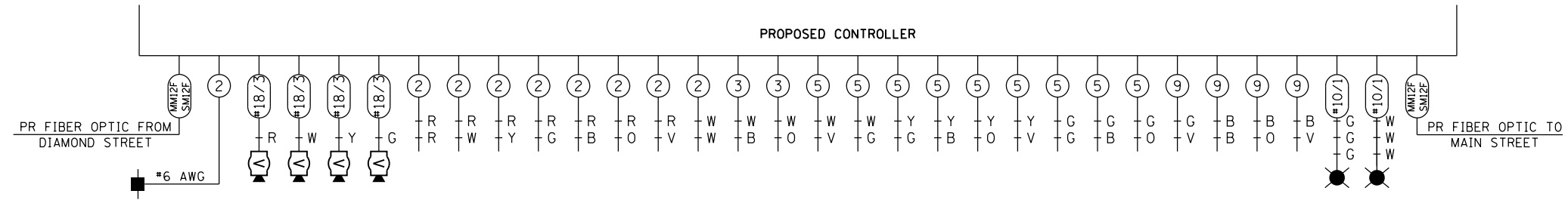
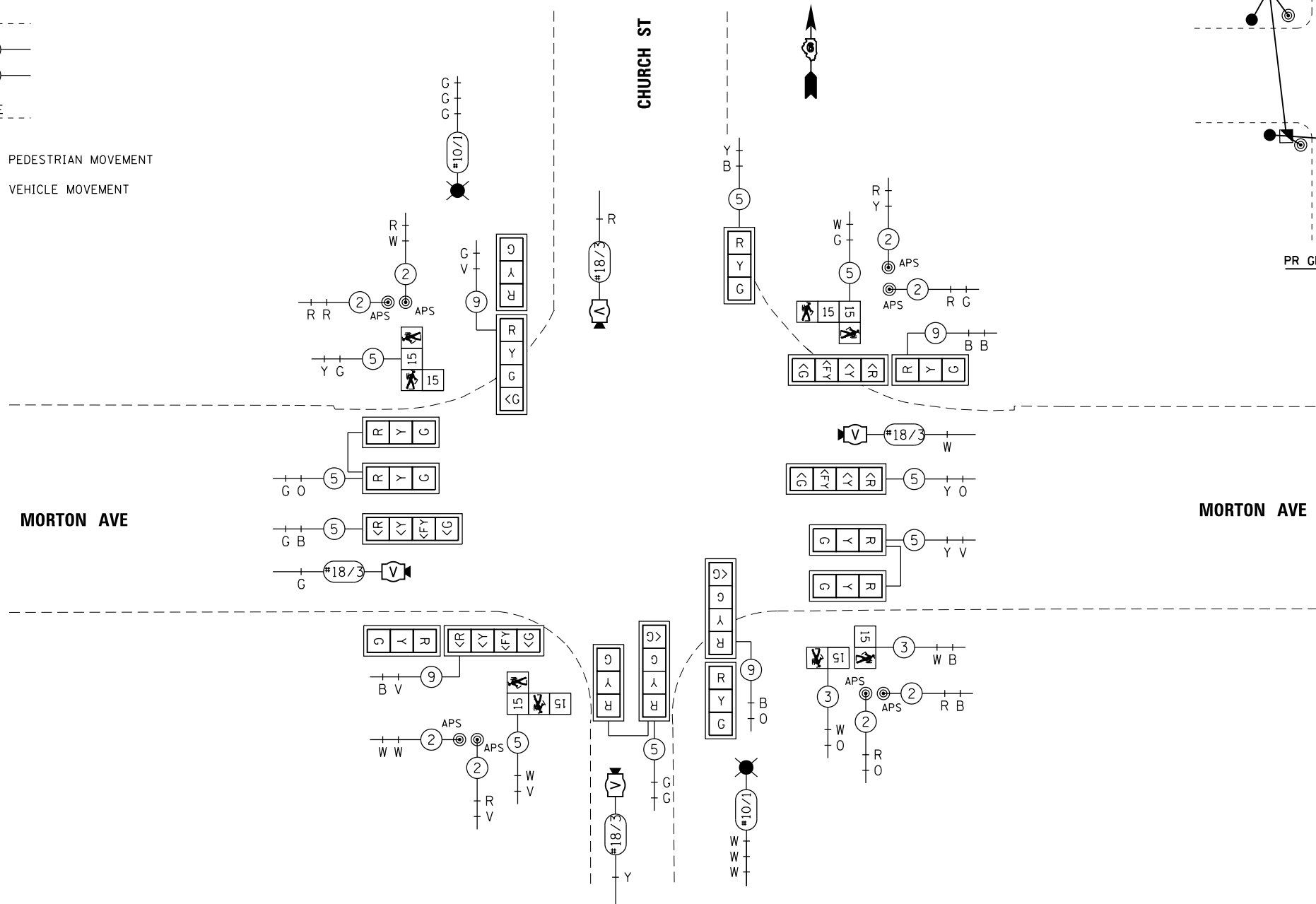
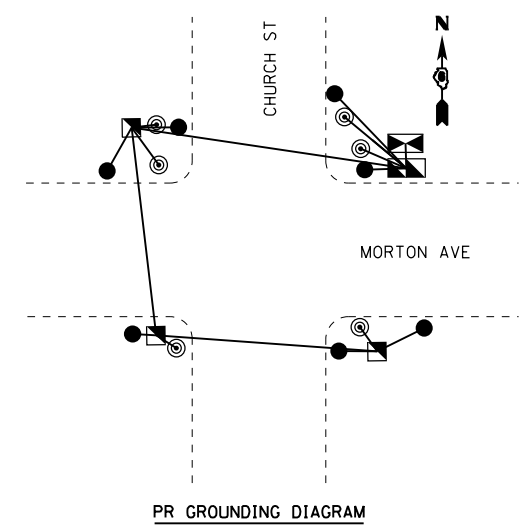
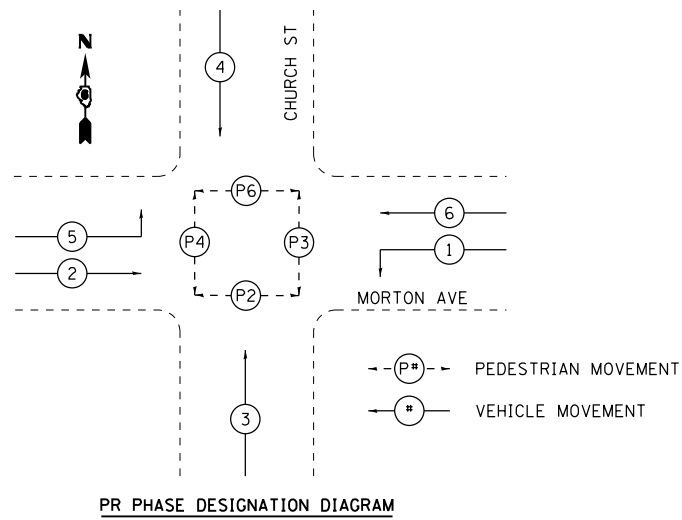


87602000	PEDESTRIAN PUSH-BUTTON POST	EACH	6
87700240	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1
87702910	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT.	EACH	1
87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3.5
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	17
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	30
87900100	DRILL EXISTING FOUNDATION	EACH	1
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	5
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	3
88040250	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED	EACH	4
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	3
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	17
X0322765	RELOCATE VIDEO VEHICLE DETECTION SYSTEM	EACH	1
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	4
Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	1

MAST ARM SUMMARY: IL 104 (MORTON AVE) & CHURCH ST

STATION	OFFSET, FT	MAST ARM LENGTH, FT	FDN DIA, FT	FDN LENGTH, FT
STA 171+24	43 LT	46	36	16
STA 172+49	34 RT	36	30	17
STA 171+47	36 RT	40	36	14
-	-	-	-	-

THE FOUNDATION DEPTH DOES NOT MATCH STANDARD 878001-09, FOUNDATION DETAIL. FOUNDATION DEPTH ABOVE ARE BASED ON GEOTECHNICAL INVESTIGATION.



FILE NAME =	USER NAME = Verenskif	DESIGNED - DMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PR TRAFFIC SIGNAL DETAIL IL 104 (MORTON AVE) & CHURCH ST	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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Default	PLotted DATE = 1/28/2016	DATE - 3-3-2015	REVISED -			CONTRACT NO. 72D21					
						ILLINOIS FED. AID PROJECT					

SCALE: SHEET 42 OF 56 SHEETS STA. TO STA.

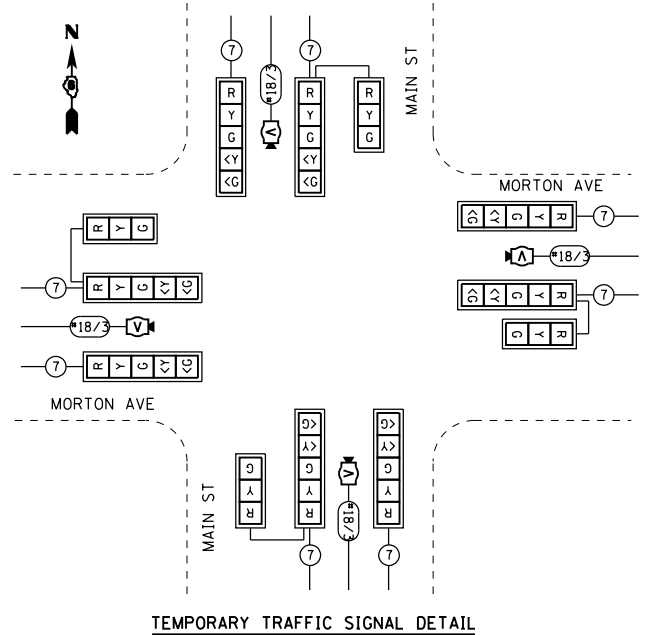
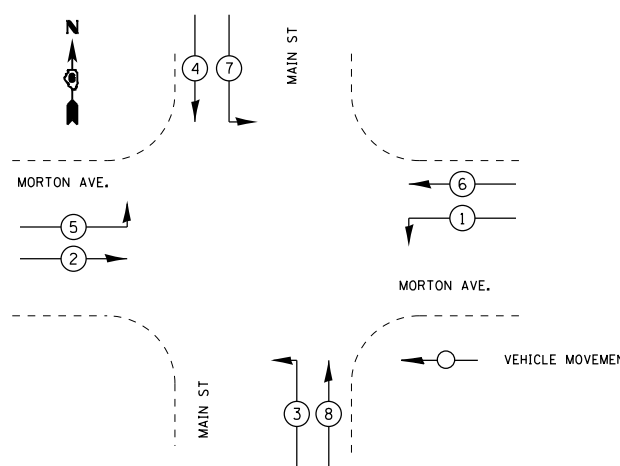
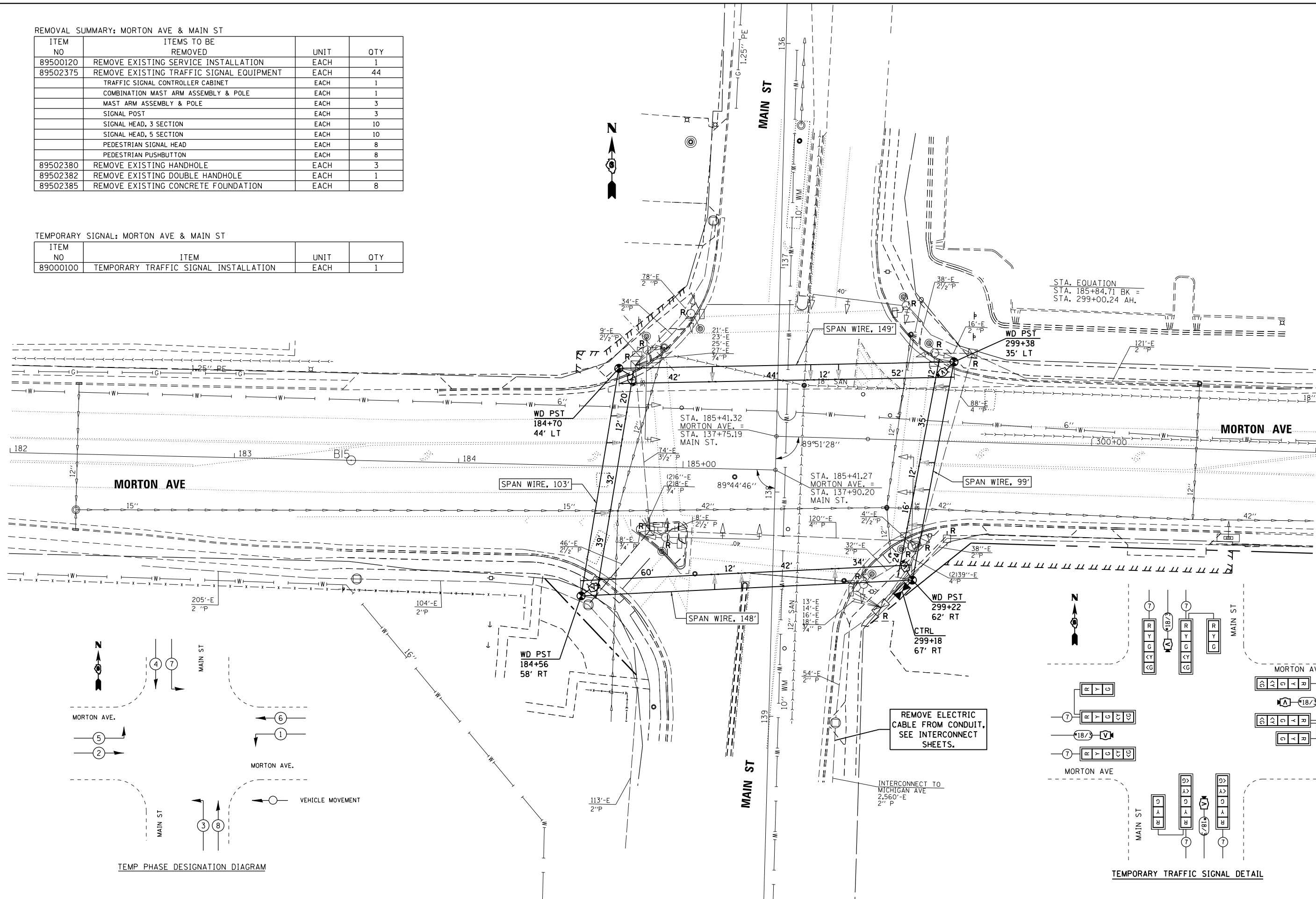
• 310A, 753 ••• 23BR,RS6,TS-5;33BR-1,RS4,TS-2

REMOVAL SUMMARY: MORTON AVE & MAIN ST

ITEM NO	ITEMS TO BE REMOVED	UNIT	QTY
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	44
	TRAFFIC SIGNAL CONTROLLER CABINET	EACH	1
	COMBINATION MAST ARM ASSEMBLY & POLE	EACH	1
	MAST ARM ASSEMBLY & POLE	EACH	3
	SIGNAL POST	EACH	3
	SIGNAL HEAD, 3 SECTION	EACH	10
	SIGNAL HEAD, 5 SECTION	EACH	10
	PEDESTRIAN SIGNAL HEAD	EACH	8
	PEDESTRIAN PUSHBUTTON	EACH	8
89502380	REMOVE EXISTING HANDHOLE	EACH	3
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	8

TEMPORARY SIGNAL: MORTON AVE & MAIN ST

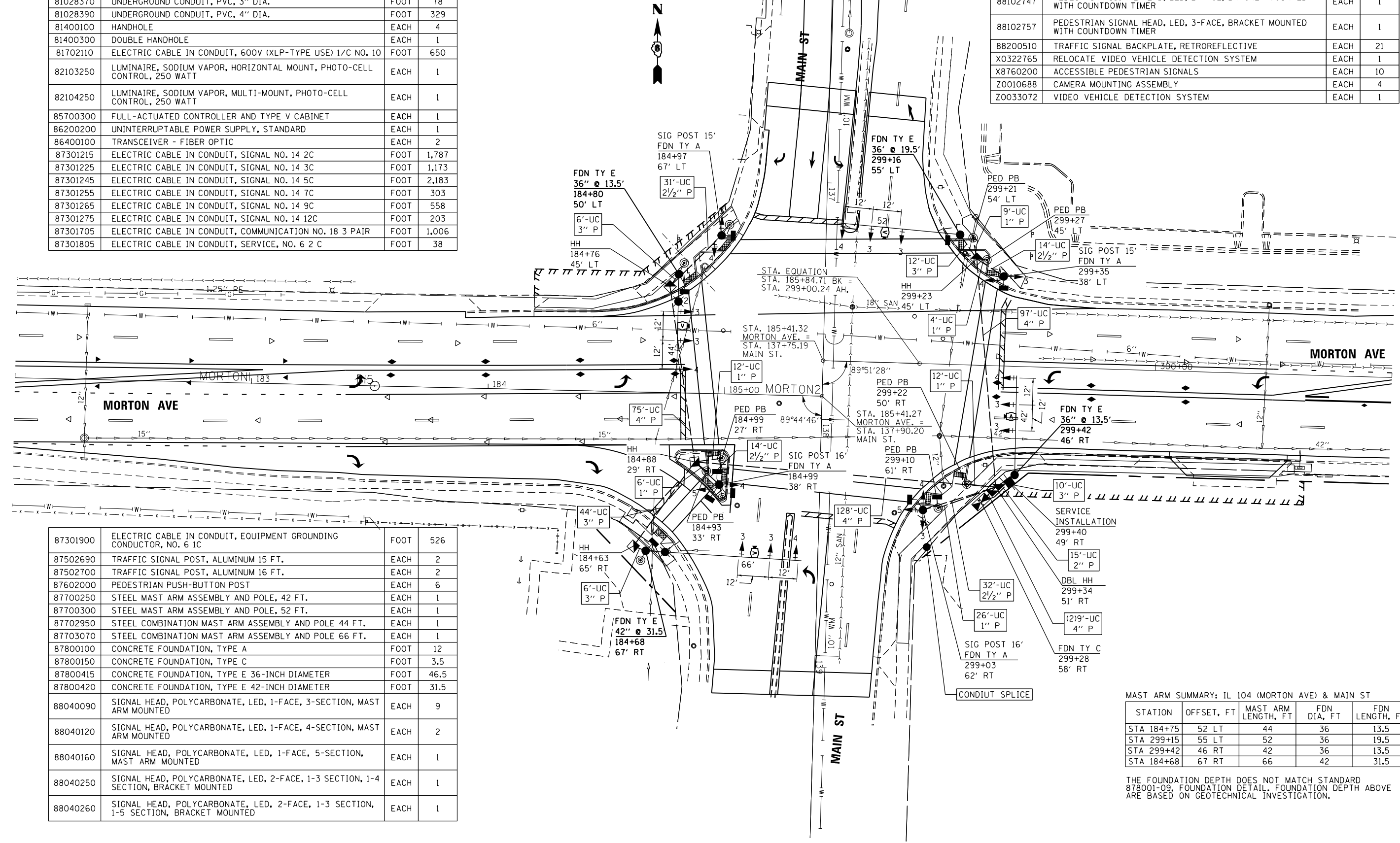
ITEM NO	ITEM	UNIT	QTY
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1



INTERSECTION QUANTITIES: IL 104 (MORTON AVE) & MAIN ST

ITEM NO.	ITEM	UNIT	QTY
80500100	SERVICE INSTALLATION, TYPE A	EACH	1
81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	81
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	15
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	81
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	78
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	329
81400100	HANDHOLE	EACH	4
81400300	DOUBLE HANDHOLE	EACH	1
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	650
82103250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 250 WATT	EACH	1
82104250	LUMINAIRE, SODIUM VAPOR, MULTI-MOUNT, PHOTO-CELL CONTROL, 250 WATT	EACH	1
85700300	FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	1
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1
86400100	TRANSCIVER - FIBER OPTIC	EACH	2
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,787
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,173
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2,183
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	303
87301265	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 9C	FOOT	558
87301275	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 12C	FOOT	203
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	1,006
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	38

88040280	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-4 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	2
88040330	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 2-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	2
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	5
88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1
88102757	PEDESTRIAN SIGNAL HEAD, LED, 3-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	21
X0322765	RELOCATE VIDEO VEHICLE DETECTION SYSTEM	EACH	1
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	10
Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	4
Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	1

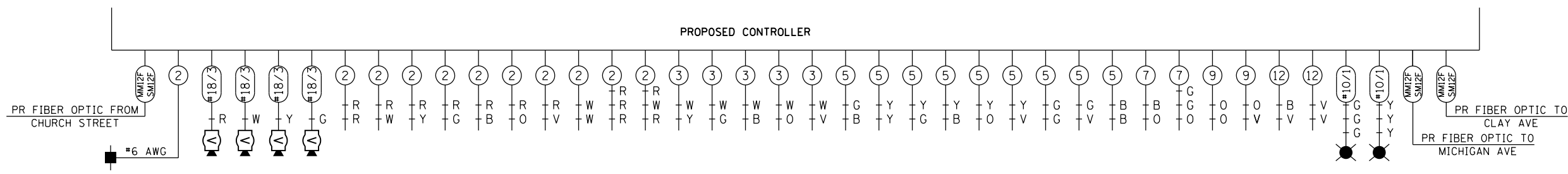
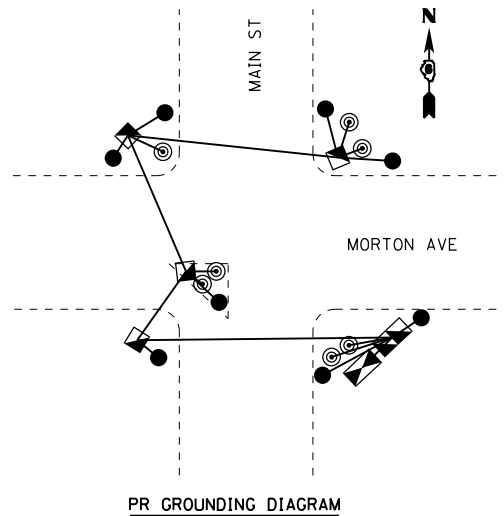
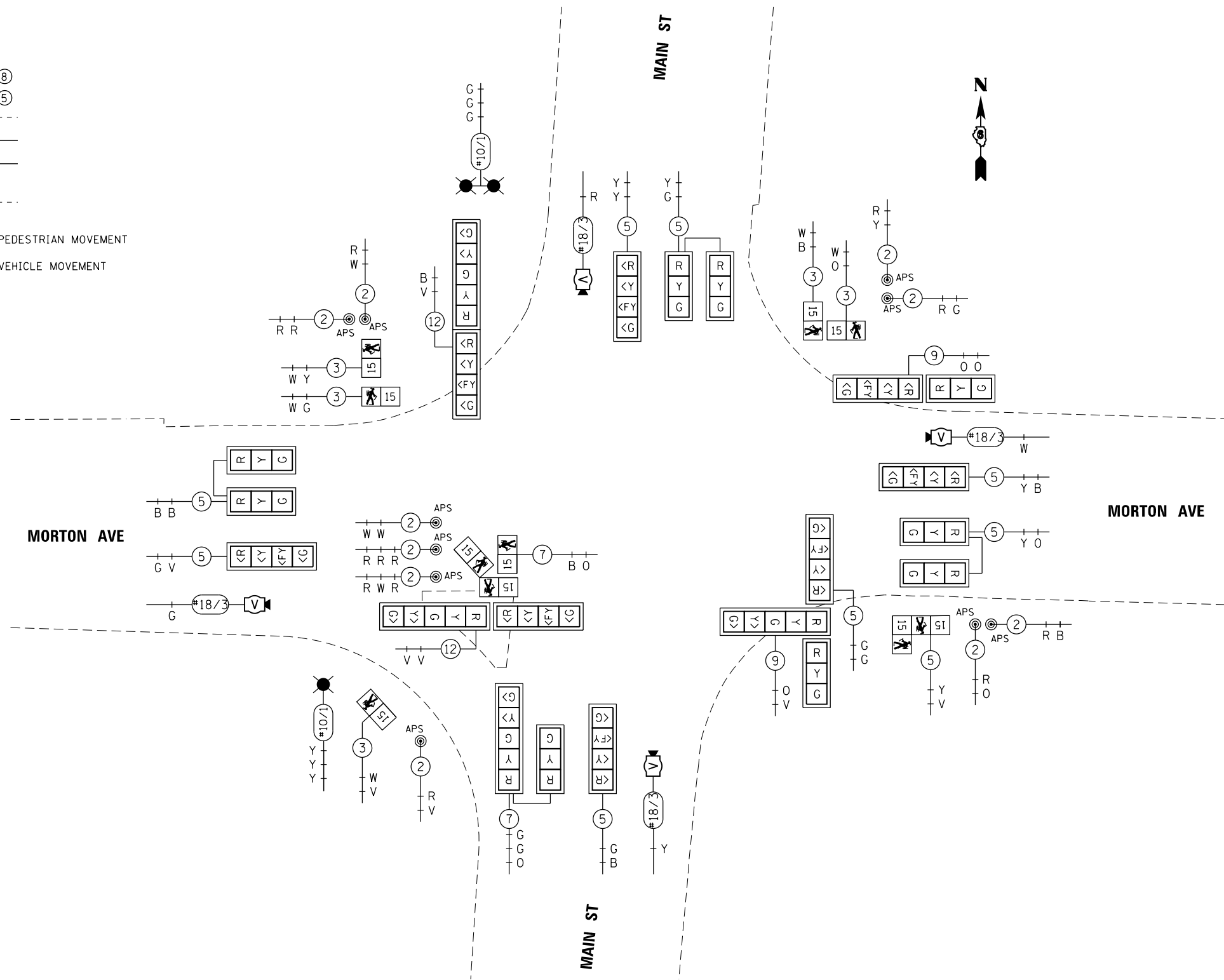
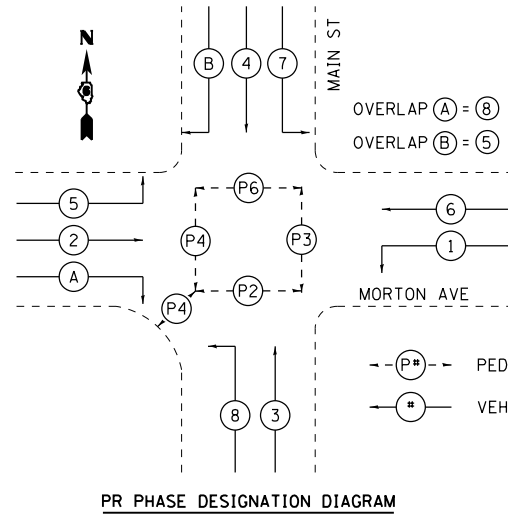


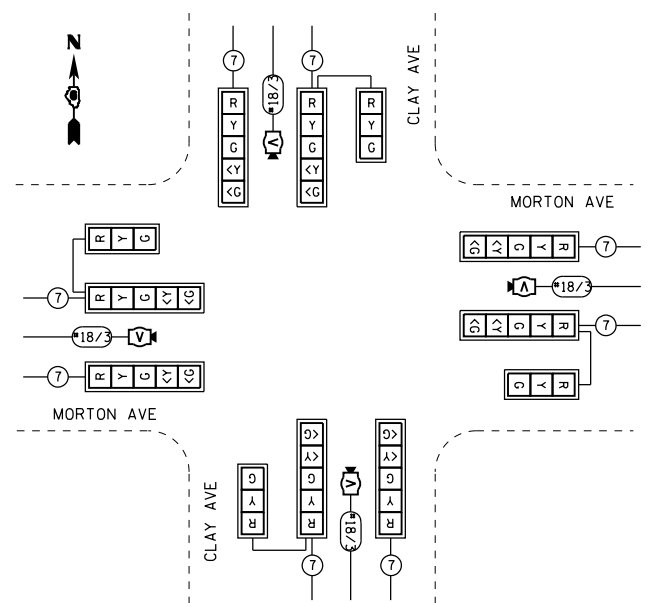
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	526
87502690	TRAFFIC SIGNAL POST, ALUMINUM 15 FT.	EACH	2
87502700	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	2
87602000	PEDESTRIAN PUSH-BUTTON POST	EACH	6
87700250	STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	1
87700300	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1
87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1
87703070	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 66 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3.5
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	46.5
87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	31.5
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	9
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	2
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1
88040250	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED	EACH	1
88040260	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1

MAST ARM SUMMARY: IL 104 (MORTON AVE) & MAIN ST

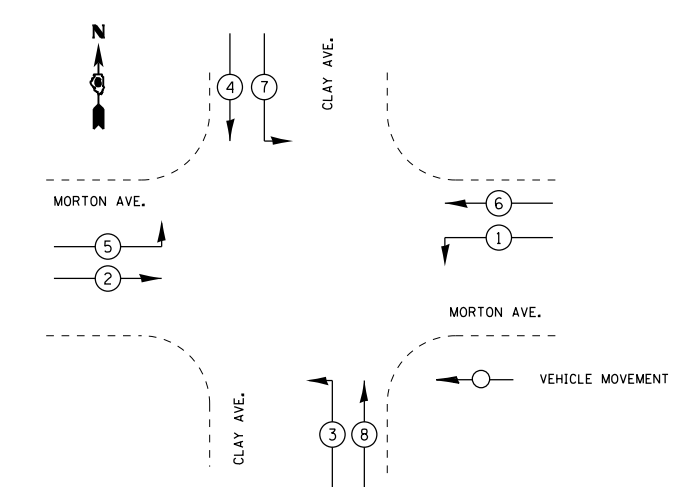
STATION	OFFSET, FT	MAST ARM LENGTH, FT	FND DIA, FT	FND LENGTH, FT
STA 184+75	52 LT	44	36	13.5
STA 299+15	55 LT	52	36	19.5
STA 299+42	46 RT	42	36	13.5
STA 184+68	67 RT	66	42	31.5

THE FOUNDATION DEPTH DOES NOT MATCH STANDARD 878001-09. FOUNDATION DETAIL. FOUNDATION DEPTH ABOVE ARE BASED ON GEOTECHNICAL INVESTIGATION.

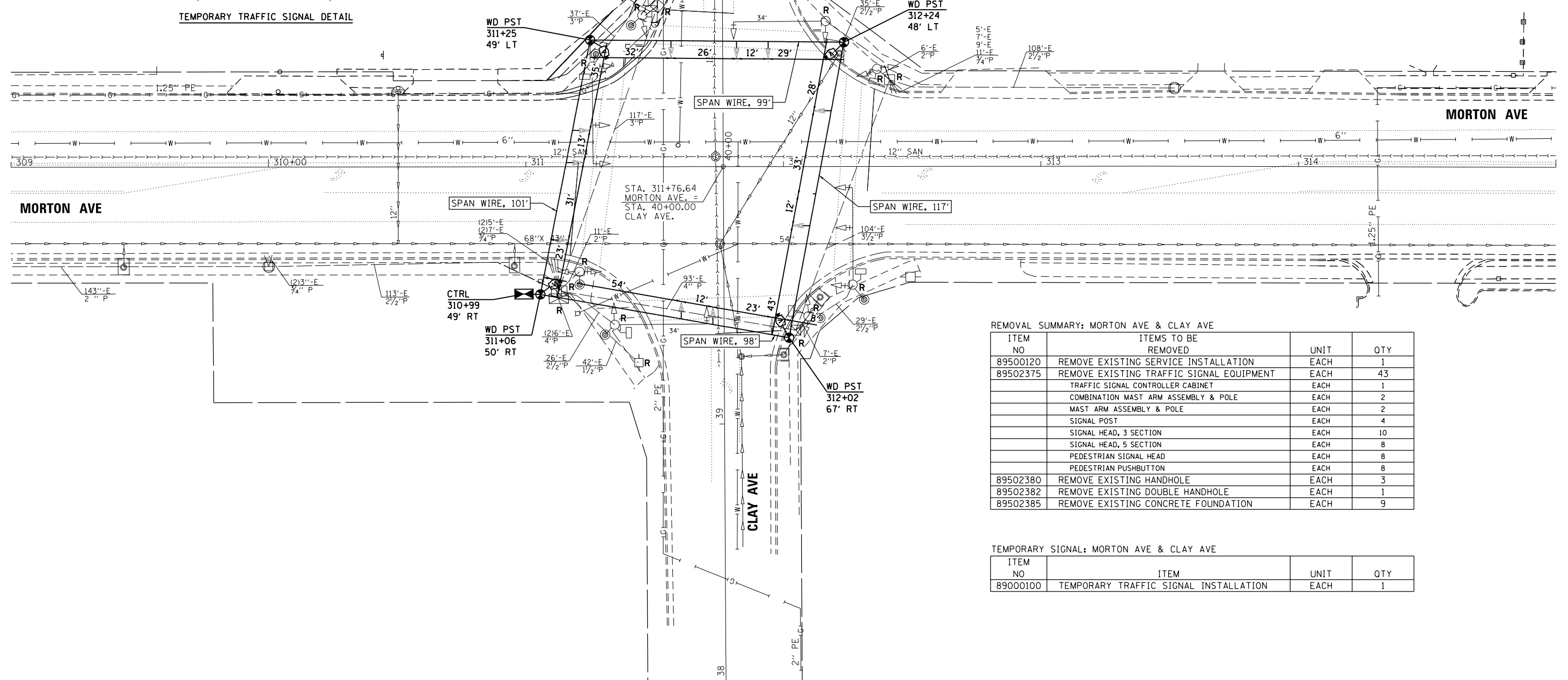




TEMPORARY TRAFFIC SIGNAL DETAIL



TEMP PHASE DESIGNATION DIAGRAM



REMOVAL SUMMARY: MORTON AVE & CLAY AVE

ITEM NO	ITEMS TO BE REMOVED	UNIT	QTY
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	43
	TRAFFIC SIGNAL CONTROLLER CABINET	EACH	1
	COMBINATION MAST ARM ASSEMBLY & POLE	EACH	2
	MAST ARM ASSEMBLY & POLE	EACH	2
	SIGNAL POST	EACH	4
	SIGNAL HEAD, 3 SECTION	EACH	10
	SIGNAL HEAD, 5 SECTION	EACH	8
	PEDESTRIAN SIGNAL HEAD	EACH	8
	PEDESTRIAN PUSHBUTTON	EACH	8
89502380	REMOVE EXISTING HANDHOLE	EACH	3
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	9

TEMPORARY SIGNAL: MORTON AVE & CLAY AVE

ITEM NO	ITEM	UNIT	QTY
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1

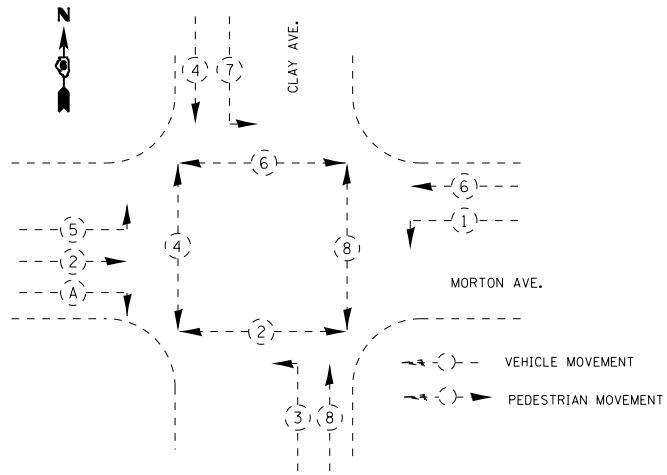
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Default	PLOT DATE = 1/28/2016	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EX TRAFFIC SIGNAL PLAN
IL 104 (MORTON AVE) & CLAY AVE

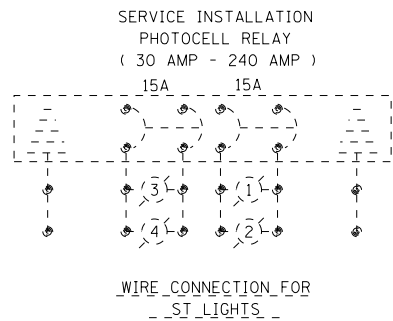
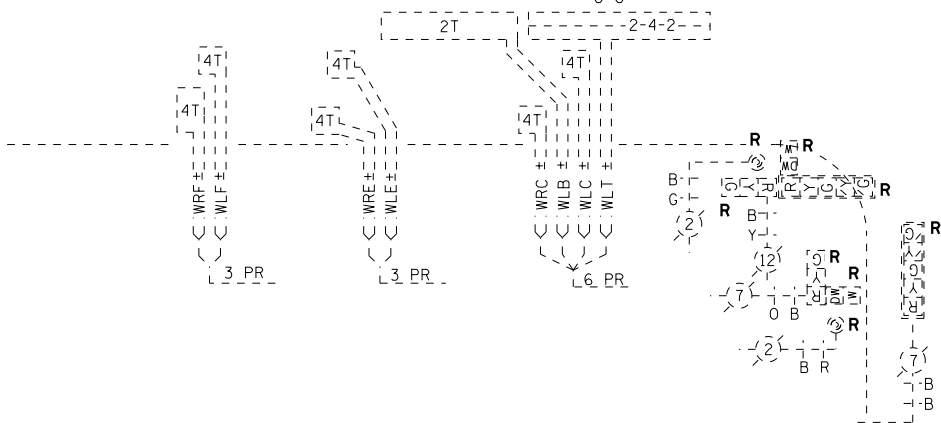
SCALE: SHEET 47 OF 56 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	***	MORGAN	366	275
			CONTRACT NO. 72D21	
ILLINOIS FED. AID PROJECT				



EX PHASE DESIGNATION DIAGRAM

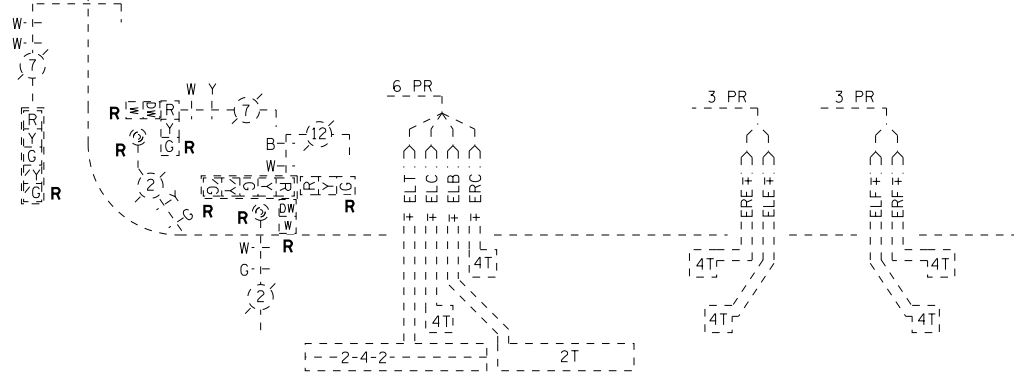
MORTON AVE



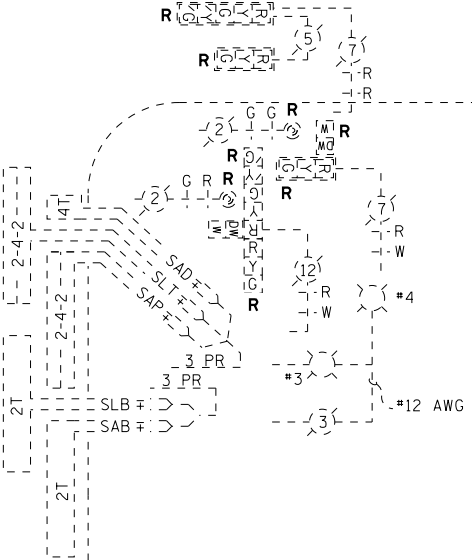
CLAY AVE

CLAY AVE

CLAY AVE



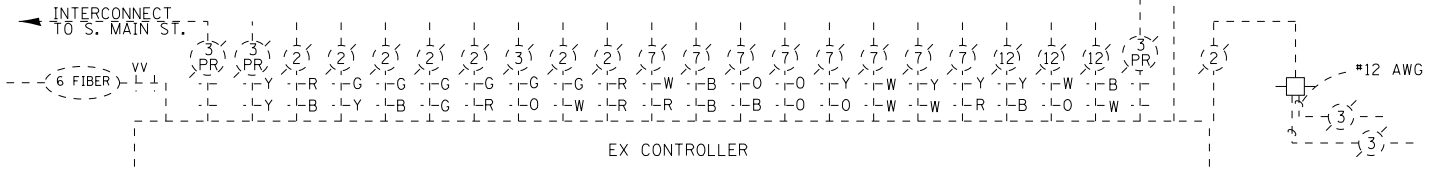
MORTON AVE



EX CONTROLLER

PHASE	CALL ON GREEN ONLY (G)	CALL ON RED ONLY (R)	SYSTEM CALL (S)	COUNT HARNESS PIN
+SLT	3 PR			3
+SAD	3 PR			18
+SAP	3 PR			8
+SLB	3 PR			8
+SAB	3 PR			7
+NLB	3 PR			14
+NAB	3 PR			4
+ELB	3 PR			4
+ELC	3 PR			1
+ERC	3 PR			6
+ELC	3 PR			6
+ERE	3 PR			16
+ELE	3 PR			6
+ELF	3 PR			5
+ELF	3 PR			5
+WLT	3 PR			2
+WLB	3 PR			2
+WLC	3 PR			2
+WRC	3 PR			2
+WLE	3 PR			2
+WLF	3 PR			2

EX DETECTORS



INTERCONNECT TO S. MAIN ST.

INTERCONNECT HARDIN AVE.

FILE NAME =	USER NAME = Verenskif	DESIGNED - DMS	REVISED -
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 6\Projects\0672015\Traffic\72021-sht-TS.dgn		CHECKED -	REVISED -
Default	PLOT DATE = 1/28/2016	DATE - 3-3-2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EX TRAFFIC SIGNAL DETAIL			
IL 104 (MORTON AVE) & CLAY AVE			
SCALE:	SHEET 48	OF 56 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	...	MORGAN	366	276
CONTRACT NO. 72021			ILLINOIS FED. AID PROJECT	

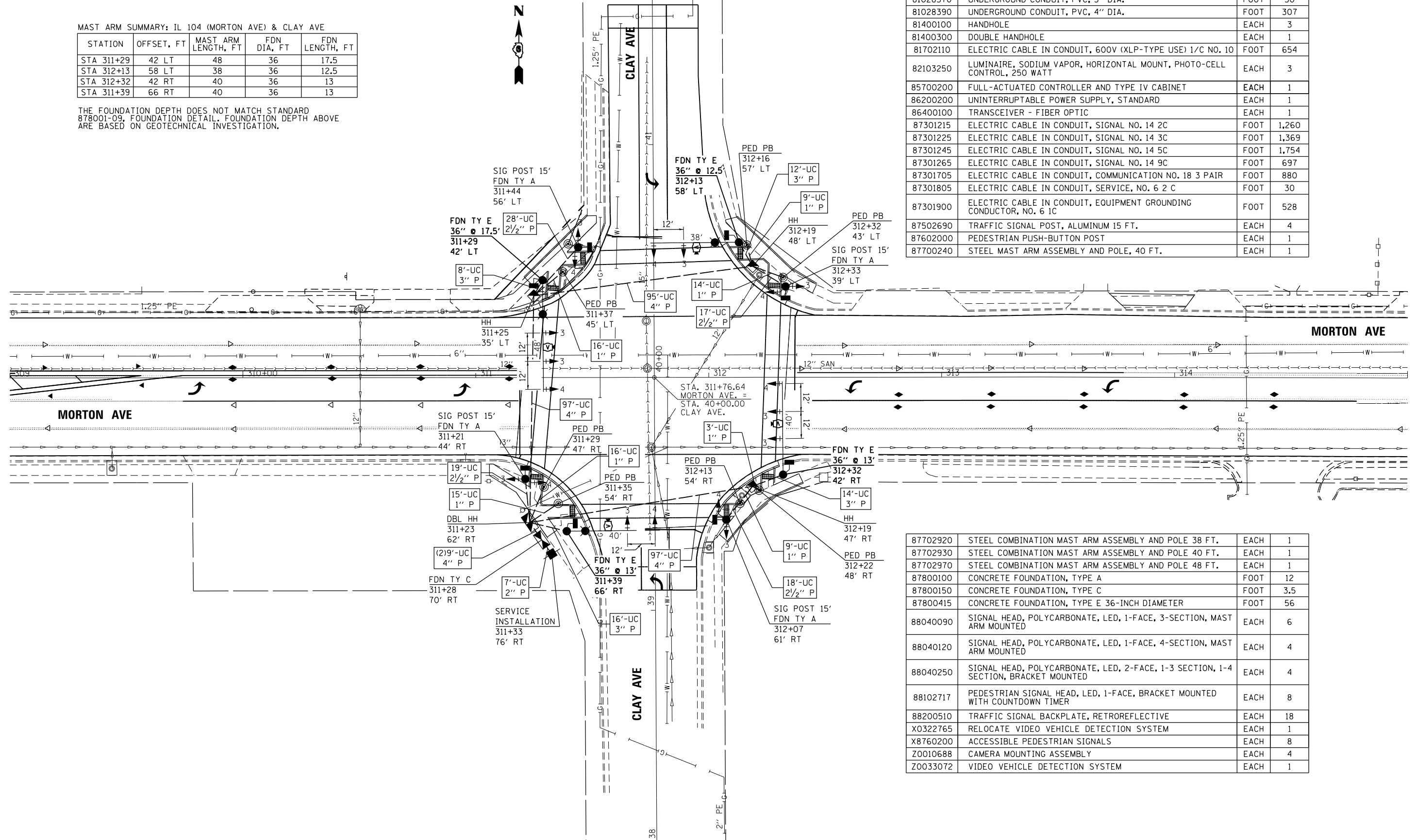
MAST ARM SUMMARY: IL 104 (MORTON AVE) & CLAY AVE

STATION	OFFSET, FT	MAST ARM LENGTH, FT	FDN DIA, FT	FDN LENGTH, FT
STA 311+29	42 LT	48	36	17.5
STA 312+13	58 LT	38	36	12.5
STA 312+32	42 RT	40	36	13
STA 311+39	66 RT	40	36	13

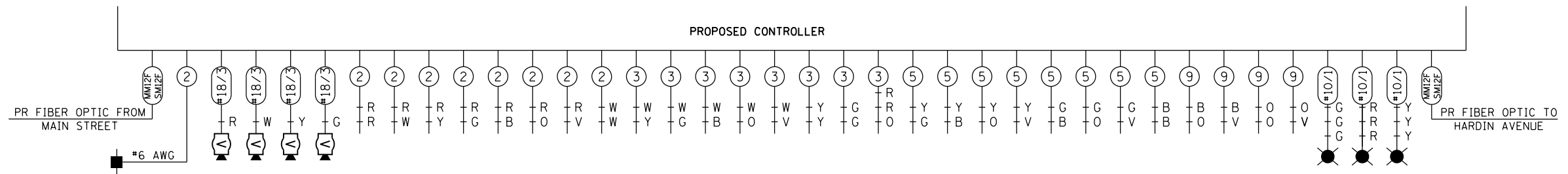
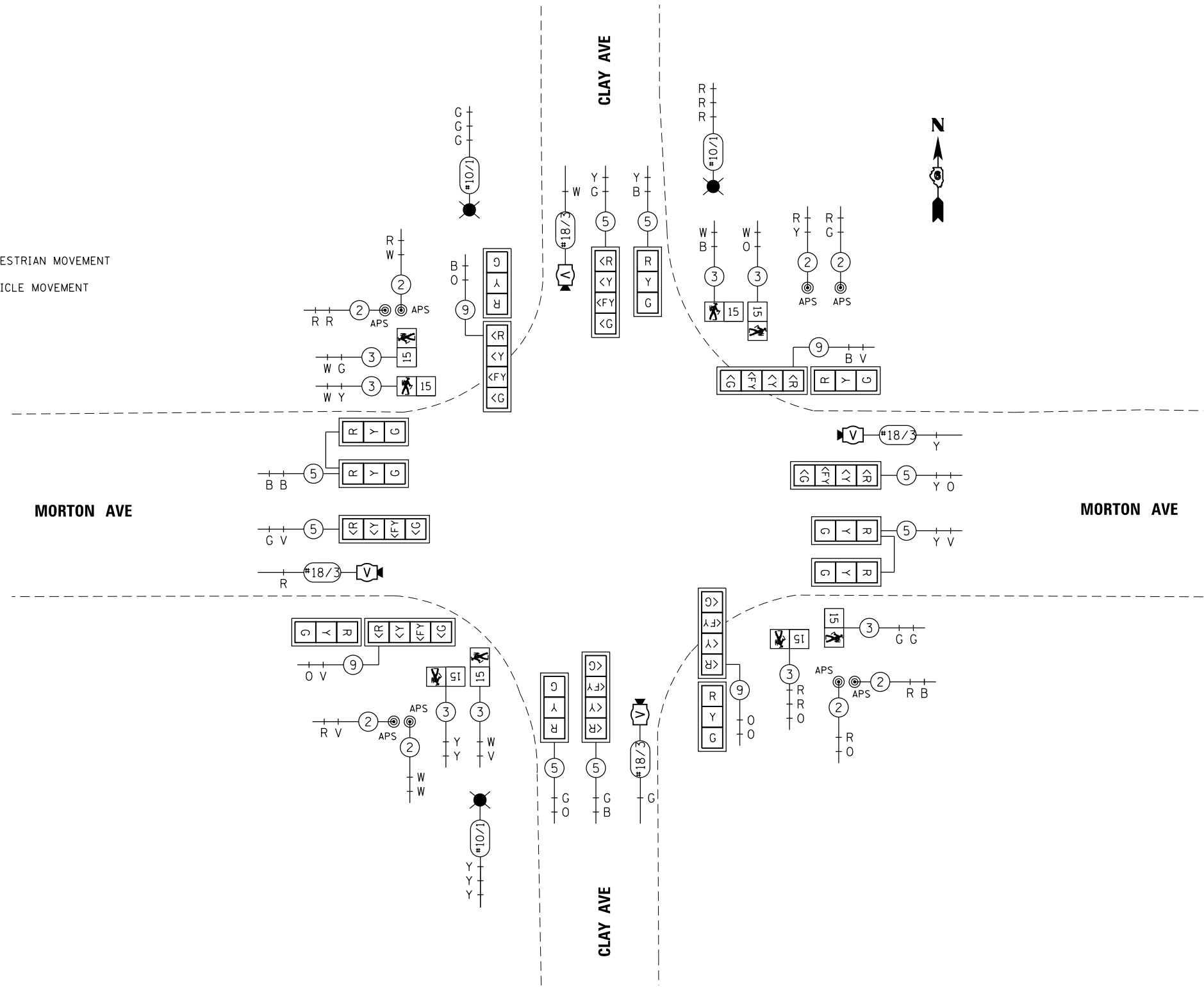
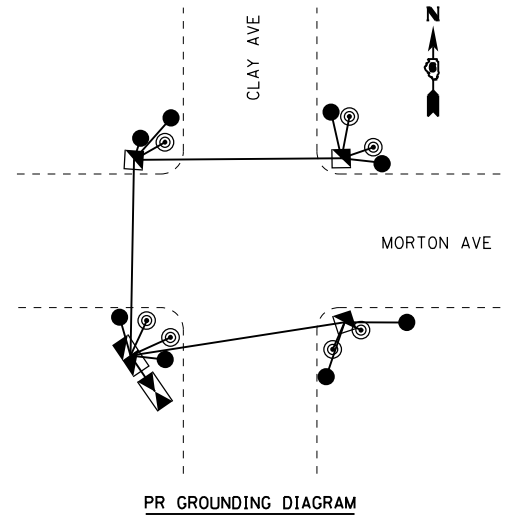
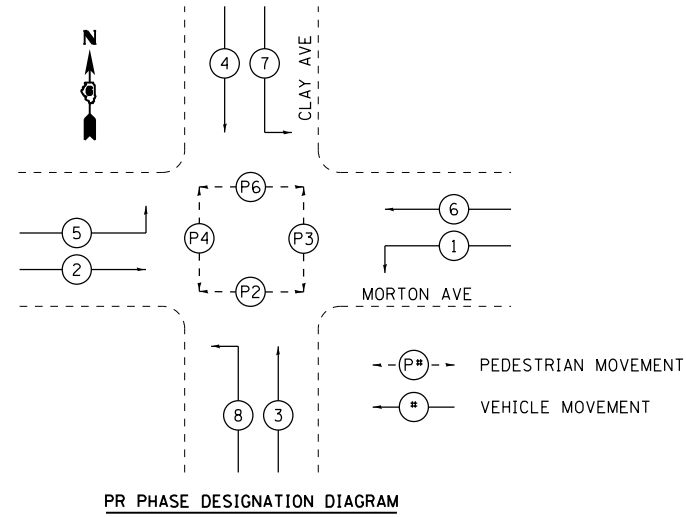
THE FOUNDATION DEPTH DOES NOT MATCH STANDARD 878001-09, FOUNDATION DETAIL. FOUNDATION DEPTH ABOVE ARE BASED ON GEOTECHNICAL INVESTIGATION.

INTERSECTION QUANTITIES: IL 104 (MORTON AVE) & CLAY AVE

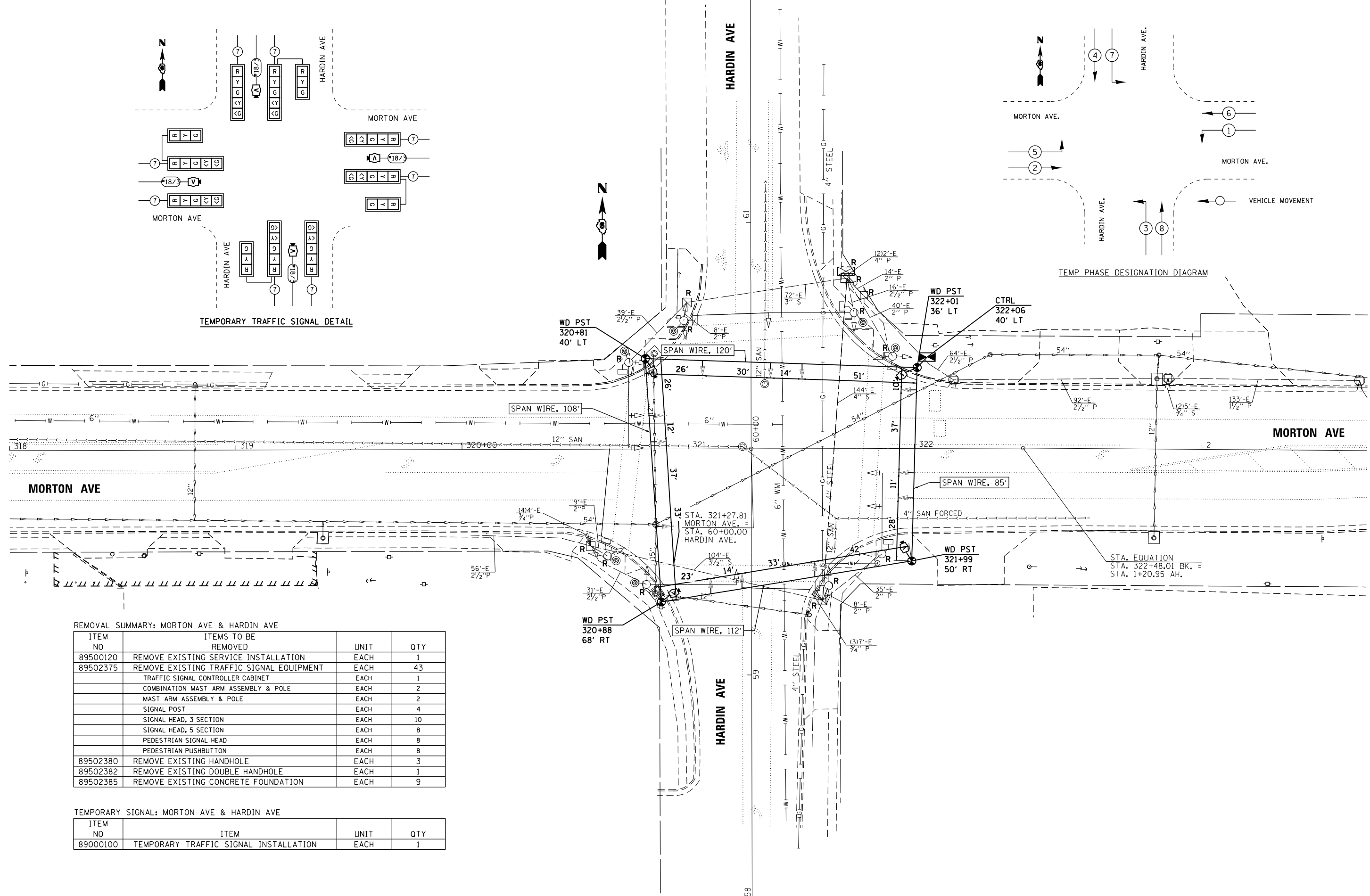
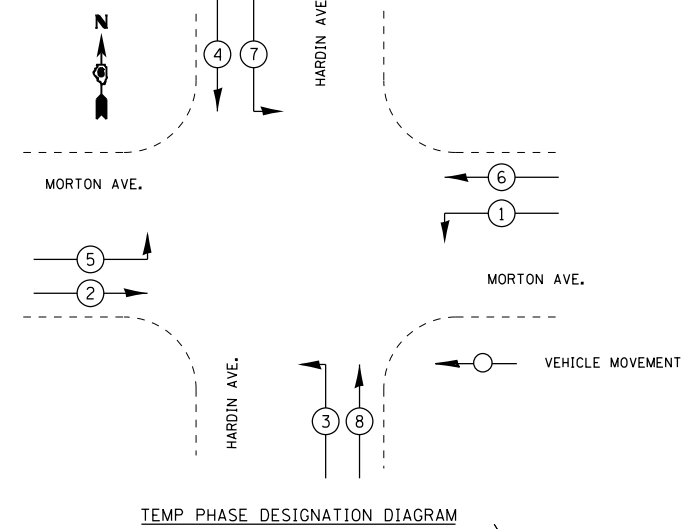
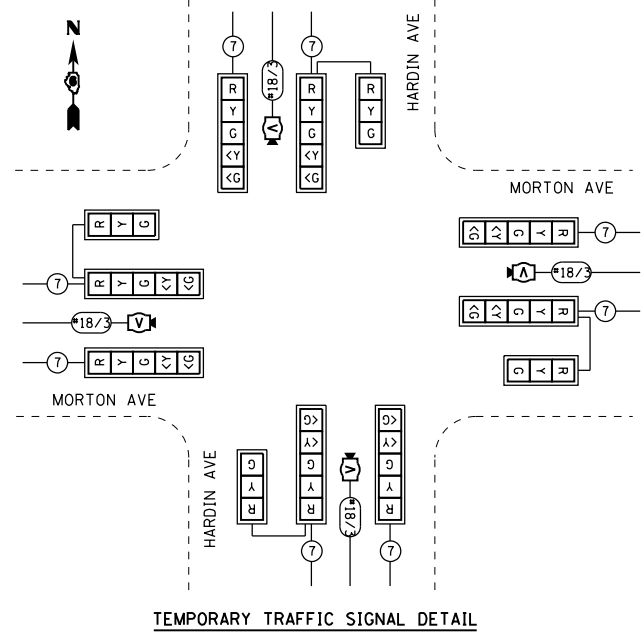
ITEM NO.	ITEM	UNIT	QTY
80500100	SERVICE INSTALLATION, TYPE A	EACH	1
81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	82
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	7
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	82
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	50
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	307
81400100	HANDHOLE	EACH	3
81400300	DOUBLE HANDHOLE	EACH	1
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	654
82103250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 250 WATT	EACH	3
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1
86400100	TRANSCIVER - FIBER OPTIC	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,260
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,369
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,754
87301265	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 9C	FOOT	697
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	880
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	30
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	528
87502690	TRAFFIC SIGNAL POST, ALUMINUM 15 FT.	EACH	4
87602000	PEDESTRIAN PUSH-BUTTON POST	EACH	1
87700240	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1



87702920	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT.	EACH	1
87702930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	1
87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3.5
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	56
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	6
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	4
88040250	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED	EACH	4
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	18
X0322765	RELOCATE VIDEO VEHICLE DETECTION SYSTEM	EACH	1
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	4
Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	1



FILE NAME =	USER NAME = Verenskif	DESIGNED - DMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PR TRAFFIC SIGNAL DETAIL IL 104 (MORTON AVE) & CLAY AVE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -								
	PLOT DATE = 1/28/2016	DATE - 3-3-2015	REVISED -								
					SCALE:	SHEET 50	OF 56 SHEETS	STA.	TO STA.		
					ILLINOIS FED. AID PROJECT			CONTRACT NO. 72D21			

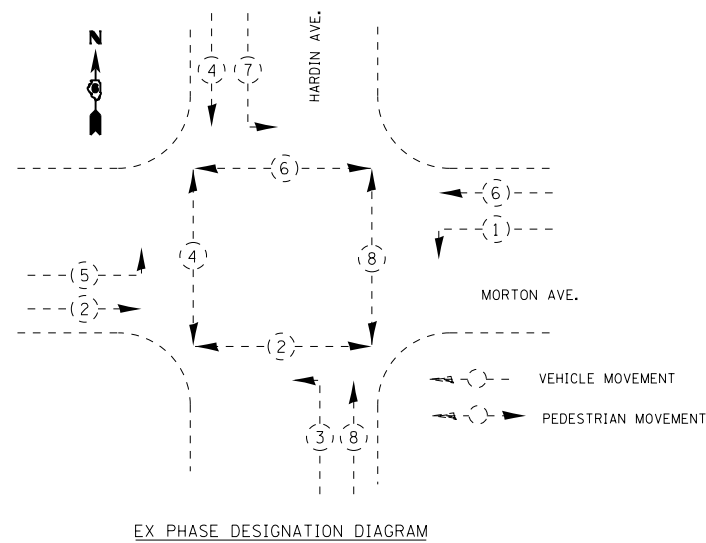


REMOVAL SUMMARY: MORTON AVE & HARDIN AVE

ITEM NO	ITEMS TO BE REMOVED	UNIT	QTY
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	43
	TRAFFIC SIGNAL CONTROLLER CABINET	EACH	1
	COMBINATION MAST ARM ASSEMBLY & POLE	EACH	2
	MAST ARM ASSEMBLY & POLE	EACH	2
	SIGNAL POST	EACH	4
	SIGNAL HEAD, 3 SECTION	EACH	10
	SIGNAL HEAD, 5 SECTION	EACH	8
	PEDESTRIAN SIGNAL HEAD	EACH	8
	PEDESTRIAN PUSHBUTTON	EACH	8
89502380	REMOVE EXISTING HANDHOLE	EACH	3
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	9

TEMPORARY SIGNAL: MORTON AVE & HARDIN AVE

ITEM NO	ITEM	UNIT	QTY
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1



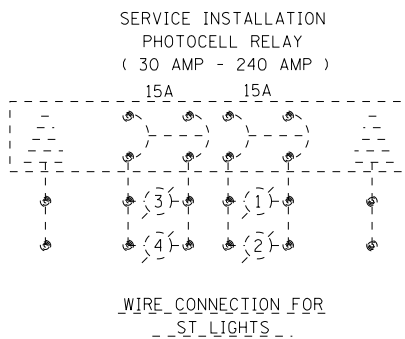
EX PHASE DESIGNATION DIAGRAM

MORTON AVE

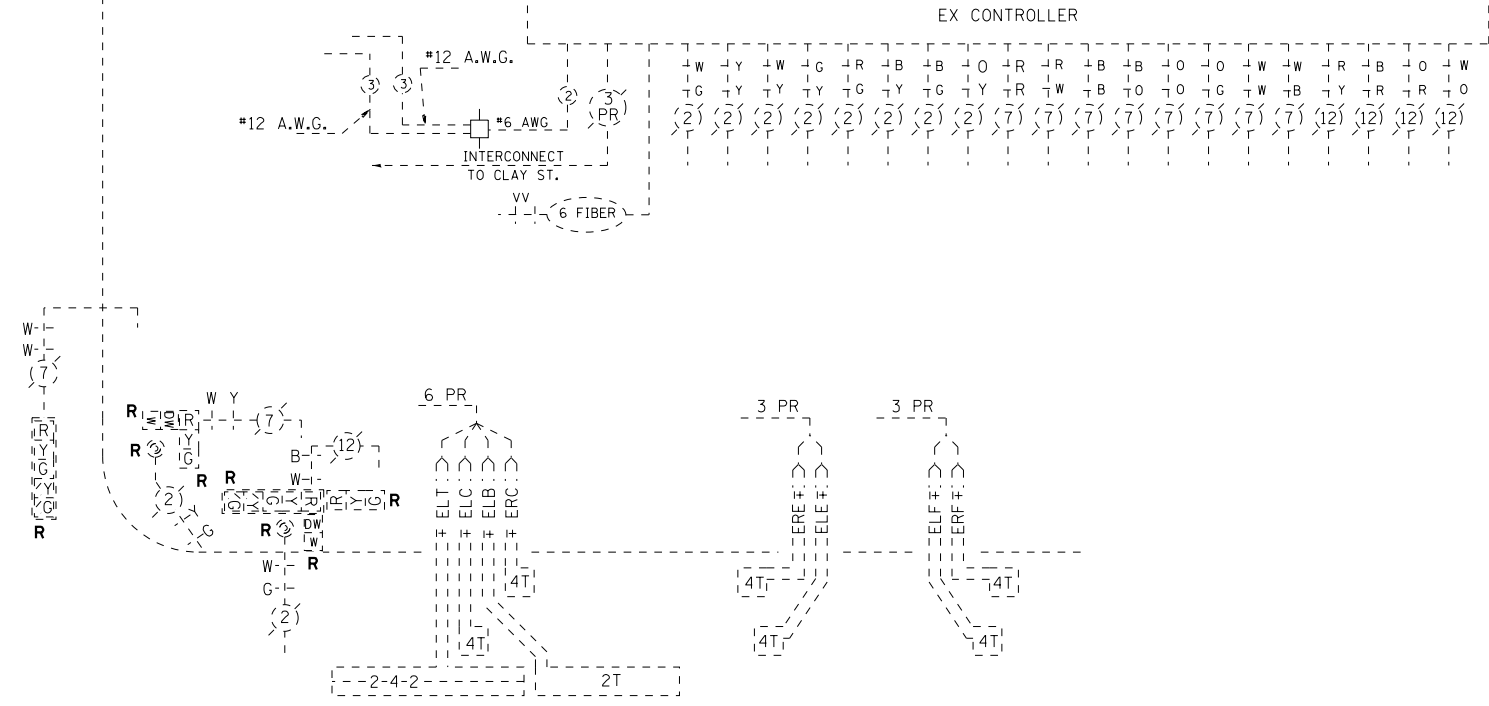
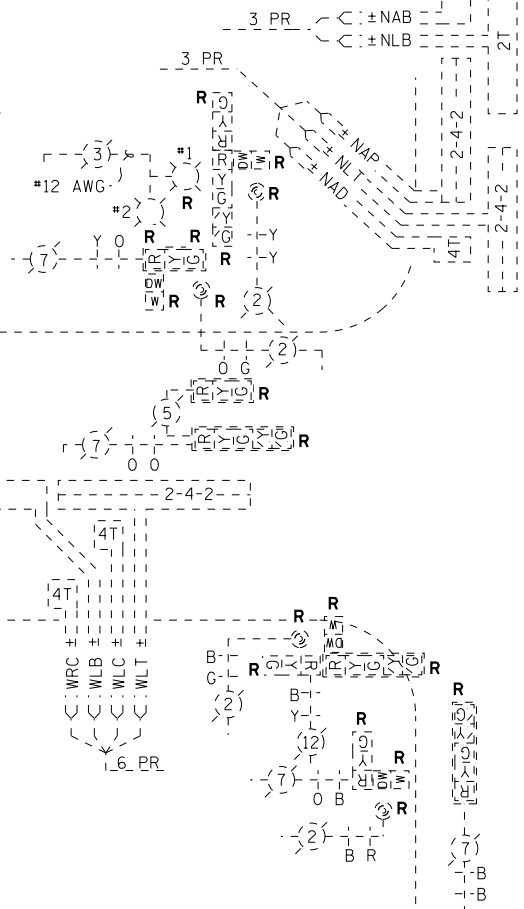
HARDIN AVE



HARDIN AVE



WIRE CONNECTION FOR ST LIGHTS



EX CONTROLLER

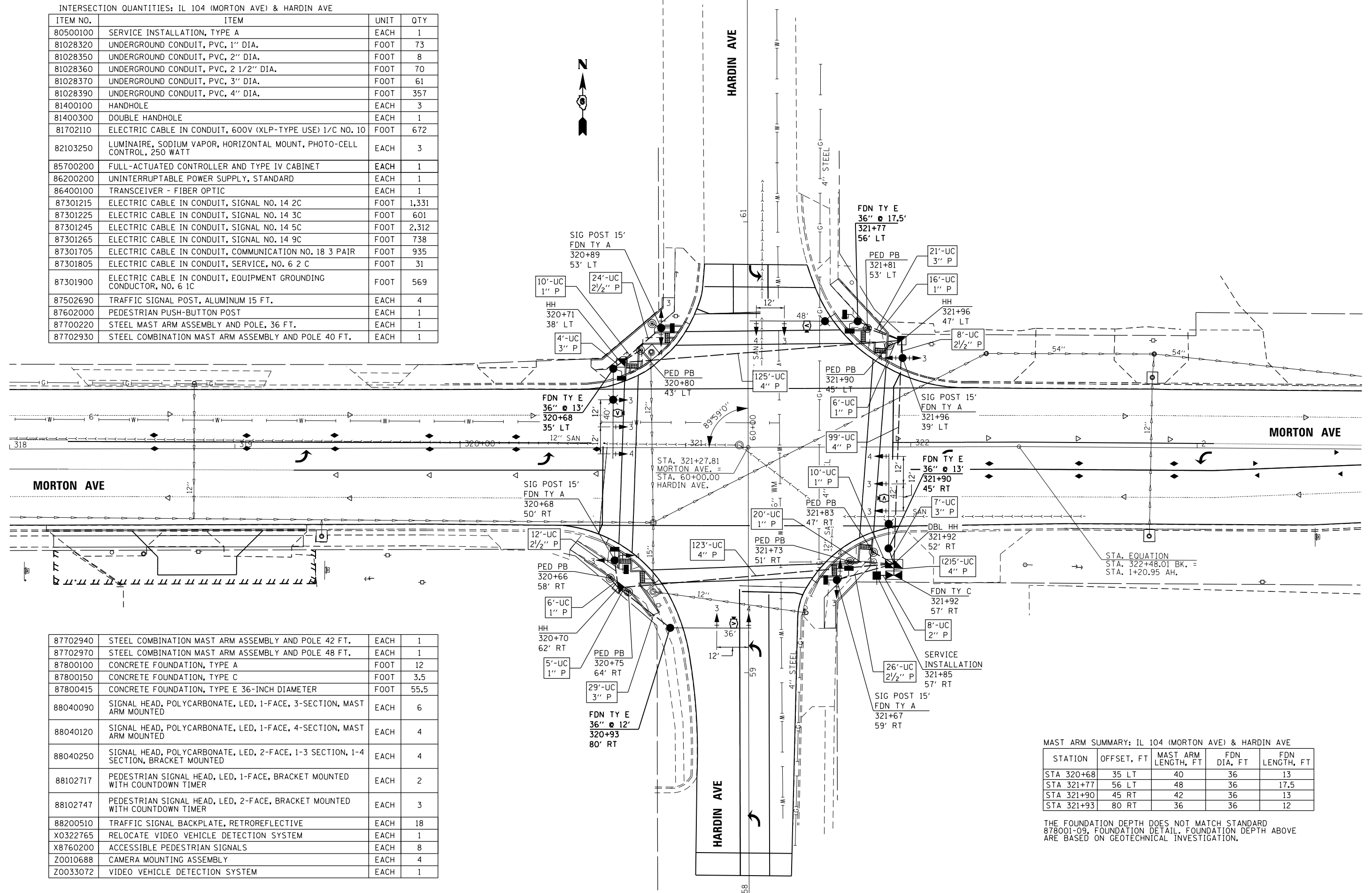
MORTON AVE

COUNT HARNESS PIN		2	12	5	6	16	1	4	7	8	3
SYSTEM CALL (S)	S	S			S	S					
CALL ON RED ONLY (R)			R				R				
CALL ON GREEN ONLY (G)		G			G						
PHASE	2	2	2	5	5	6	6	6	6	6	6
	3_PR	3_PR	3_PR	6_PR	6_PR	6_PR	6_PR	6_PR	6_PR	6_PR	6_PR
	WLF ±	WRF ±	WLE ±	WRE ±	WLC ±	WRC ±	WLB ±	WLT ±	ELF ±	ERF ±	ELE ±
	ERE ±	ELC ±	ELB ±	ELT ±	NAB ±	NLB ±	NAP ±	NAD ±	NLT ±	SAB ±	SLB ±
	SAP ±	SAD ±	SLT ±								

EX DETECTORS

INTERSECTION QUANTITIES: IL 104 (MORTON AVE) & HARDIN AVE

ITEM NO.	ITEM	UNIT	QTY
80500100	SERVICE INSTALLATION, TYPE A	EACH	1
81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	73
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	8
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	70
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	61
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	357
81400100	HANDHOLE	EACH	3
81400300	DOUBLE HANDHOLE	EACH	1
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	672
82103250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 250 WATT	EACH	3
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1
86400100	TRANSCEIVER - FIBER OPTIC	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,331
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	601
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2,312
87301265	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 9C	FOOT	738
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	935
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	31
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	569
87502690	TRAFFIC SIGNAL POST, ALUMINUM 15 FT.	EACH	4
87602000	PEDESTRIAN PUSH-BUTTON POST	EACH	1
87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1
87702930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	1

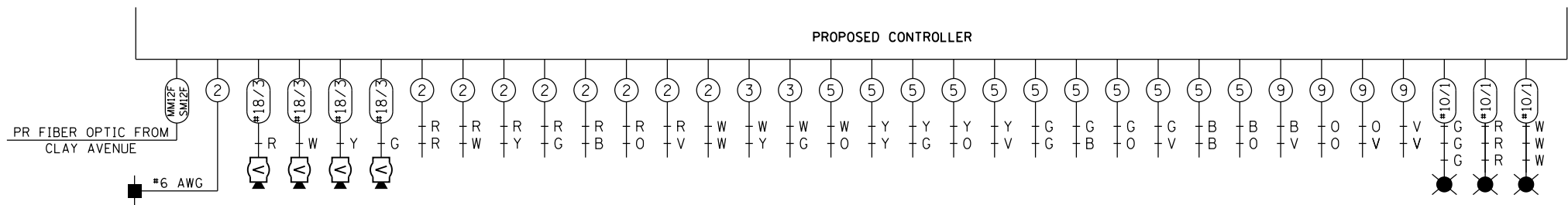
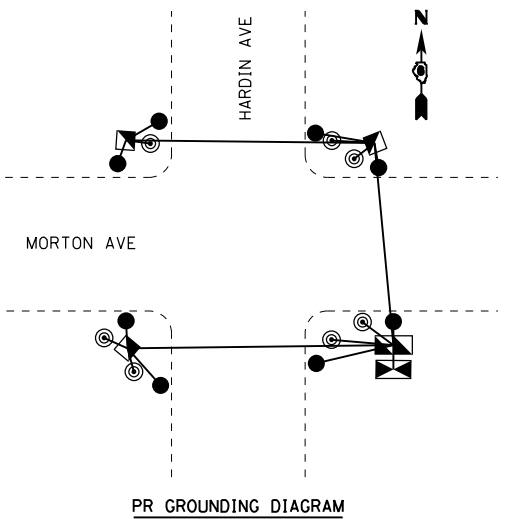
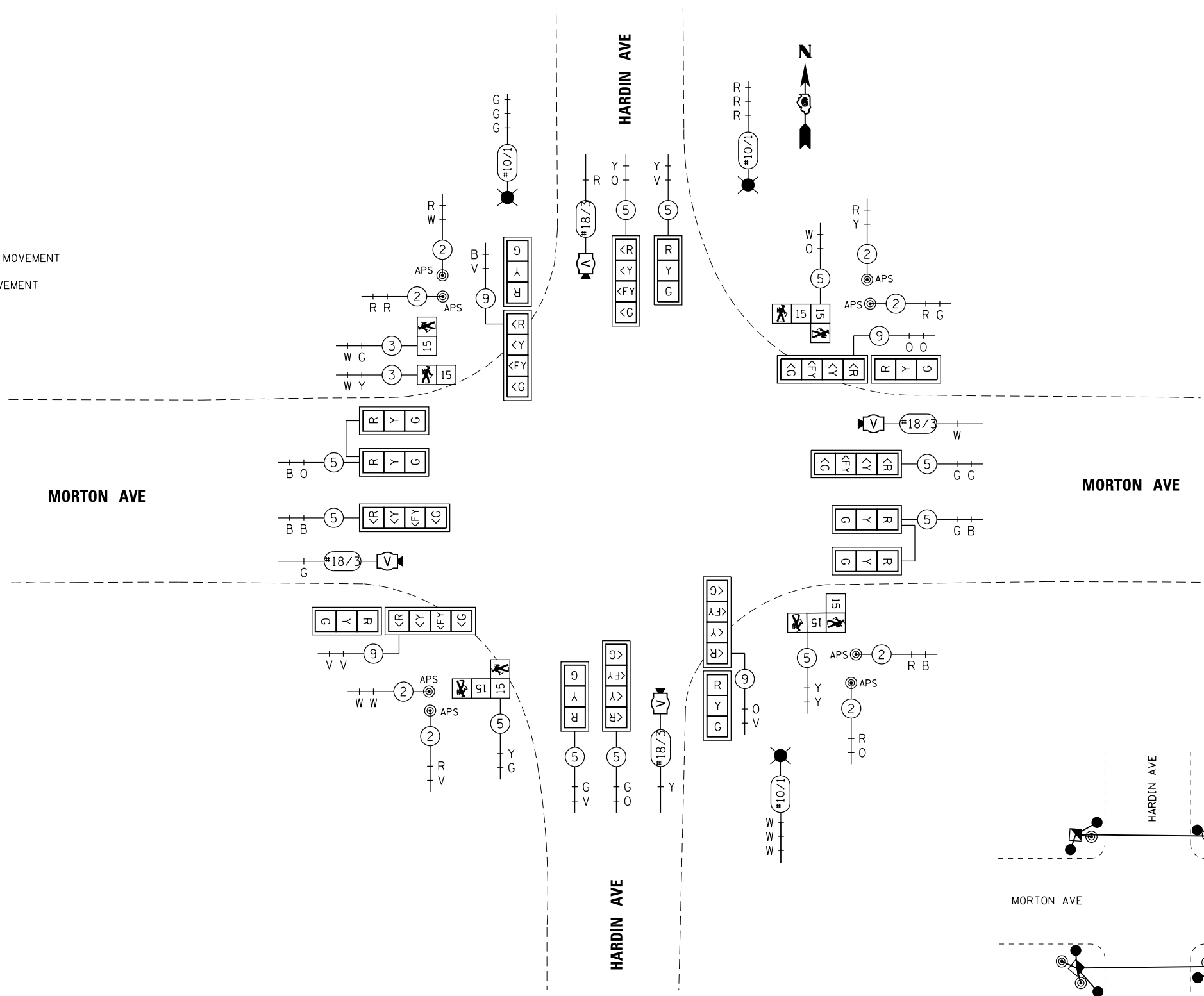
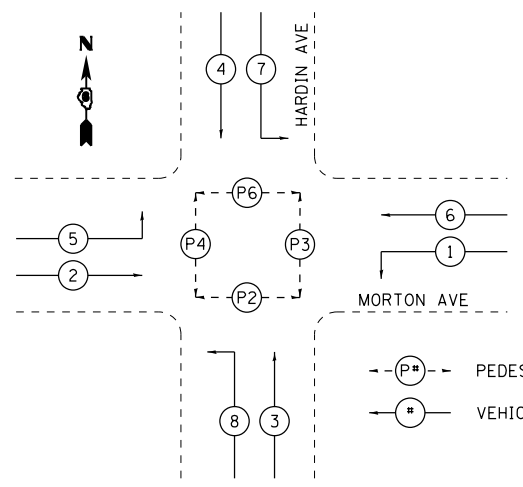


87702940	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	1
87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3.5
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	55.5
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	6
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	4
88040250	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED	EACH	4
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	3
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	18
X0322765	RELOCATE VIDEO VEHICLE DETECTION SYSTEM	EACH	1
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	4
Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	1

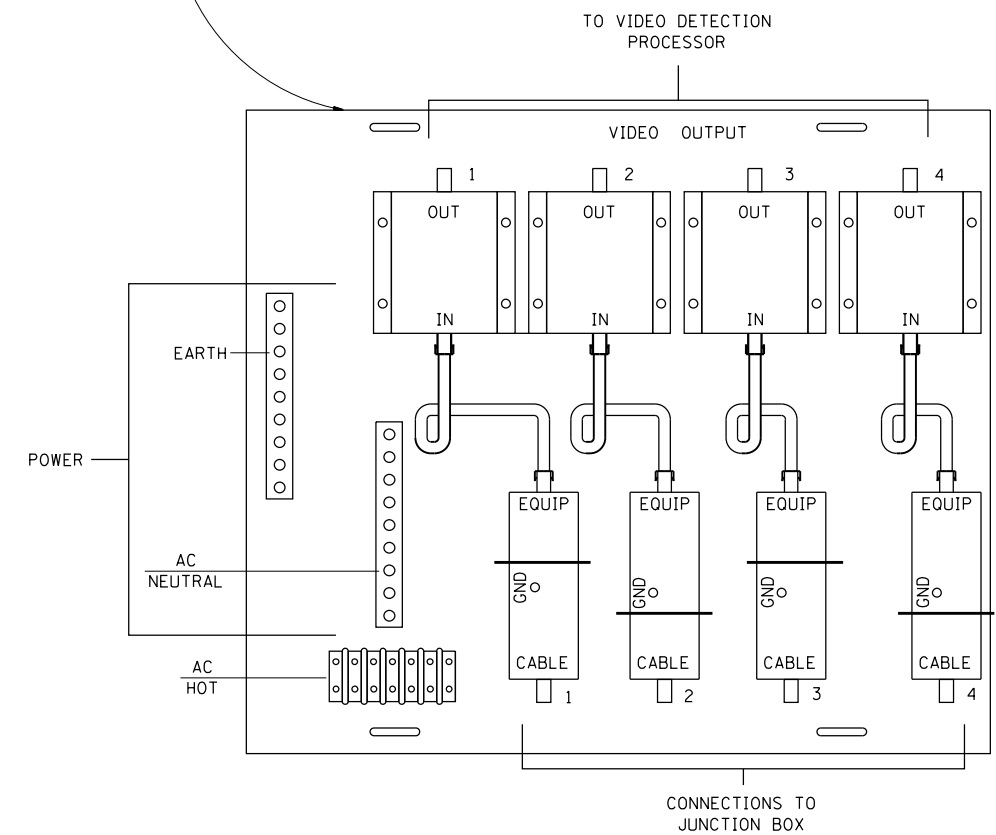
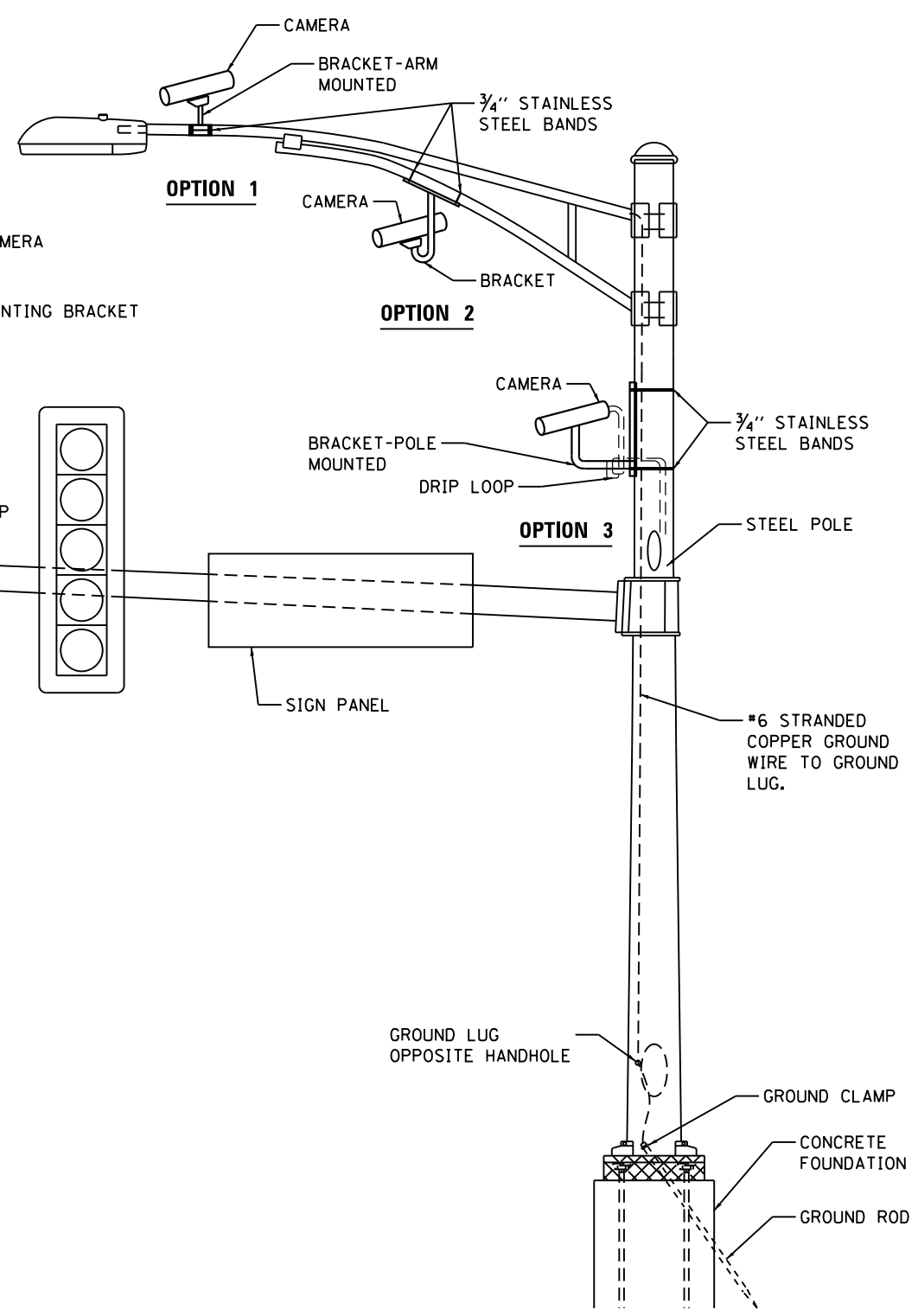
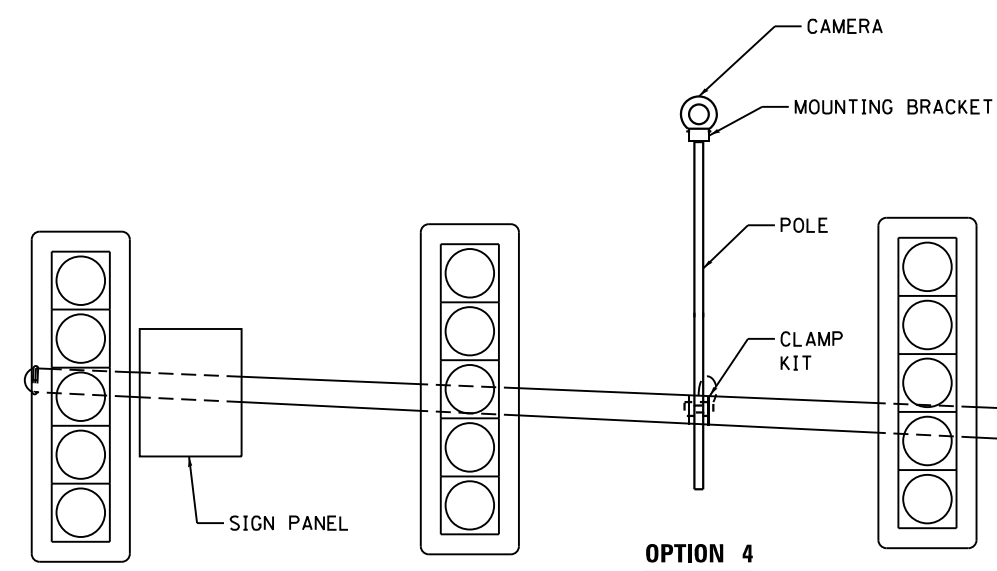
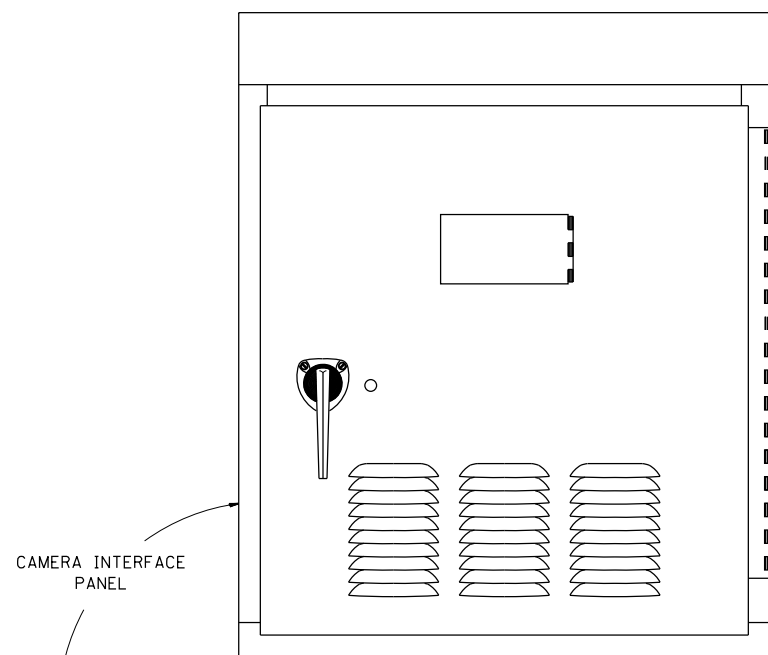
MAST ARM SUMMARY: IL 104 (MORTON AVE) & HARDIN AVE

STATION	OFFSET, FT	MAST ARM LENGTH, FT	FDN DIA, FT	FDN LENGTH, FT
STA 320+68	35 LT	40	36	13
STA 321+77	56 LT	48	36	17.5
STA 321+90	45 RT	42	36	13
STA 321+93	80 RT	36	36	12

THE FOUNDATION DEPTH DOES NOT MATCH STANDARD 878001-09, FOUNDATION DETAIL. FOUNDATION DEPTH ABOVE ARE BASED ON GEOTECHNICAL INVESTIGATION.



FILE NAME =	USER NAME = Verenskif	DESIGNED - DMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PR TRAFFIC SIGNAL DETAIL IL 104 (MORTON AVE) & HARDIN AVE			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\Illinois.gov\PIWDD\Documents\IDOT Offices\District 6\Projects\0672015\Traffic\MS72021-sht-TS.dgn		DRAWN	REVISED -		SCALE:	SHEET 54	OF 56 SHEETS	STA.	TO STA.	MORGAN	366	282
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -							CONTRACT NO. 72D21		
	PLOT DATE = 1/28/2016	DATE - 3-3-2015	REVISED -							ILLINOIS FED. AID PROJECT		

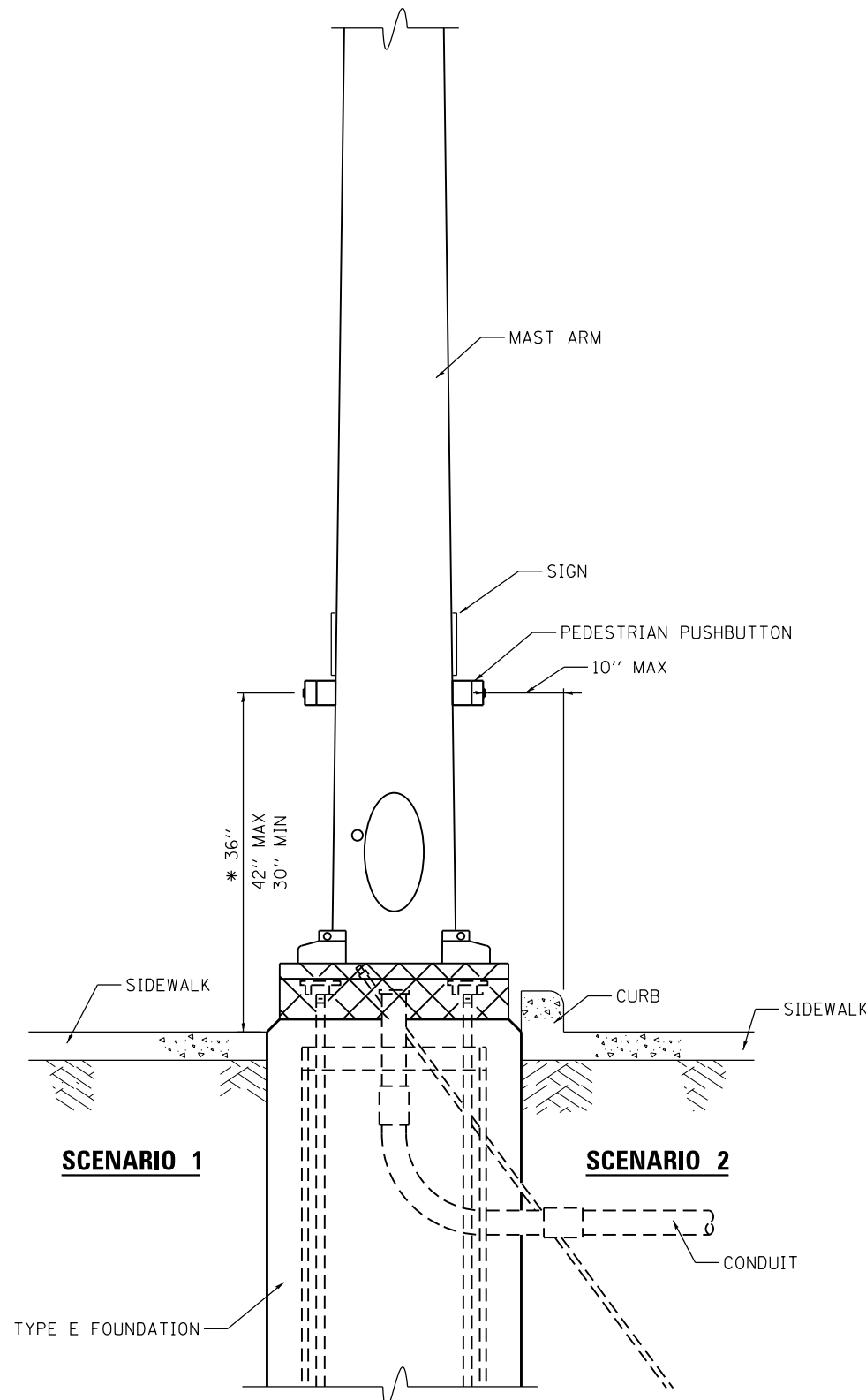


**VIDEO DETECTION SYSTEM INSTALLATION
ARM MOUNTED, MAST-ARM MOUNTED, OR POLE MOUNTED**

FILE NAME =	USER NAME = Verenskif	DESIGNED -	REVISED - WCD 10-31-1997	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT SIX VIDEO DETECTION SYSTEM INSTALLATION DETAIL	F.A.P. RFE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 6\Projects\0672014\Drawings\Traffic\MS720206-2014	PLotted Scale = 48.0000' / in.	CHECKED -	REVISED - DMS 10-06-2014			•	•••	MORGAN	366	283	
Default	PLOT DATE = 1/28/2016	DATE -	REVISED -			CONTRACT NO. 72D21					
						ILLINOIS FED. AID PROJECT					

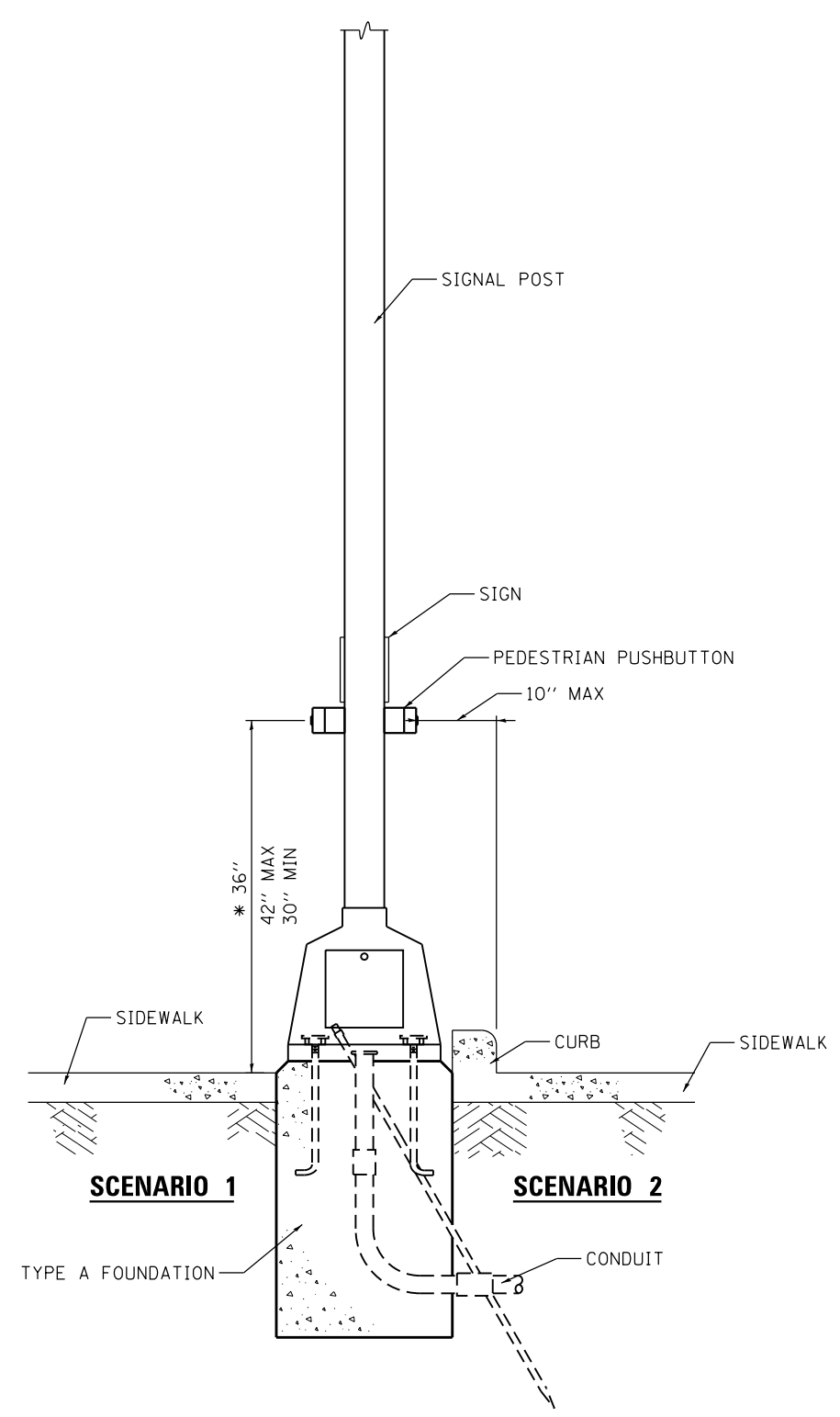
SCALE: SHEET 55 OF 56 SHEETS STA. TO STA.

• 310A, 753 ••• 23BR,RS6,TS-5;33BR-1,RS4,TS-2



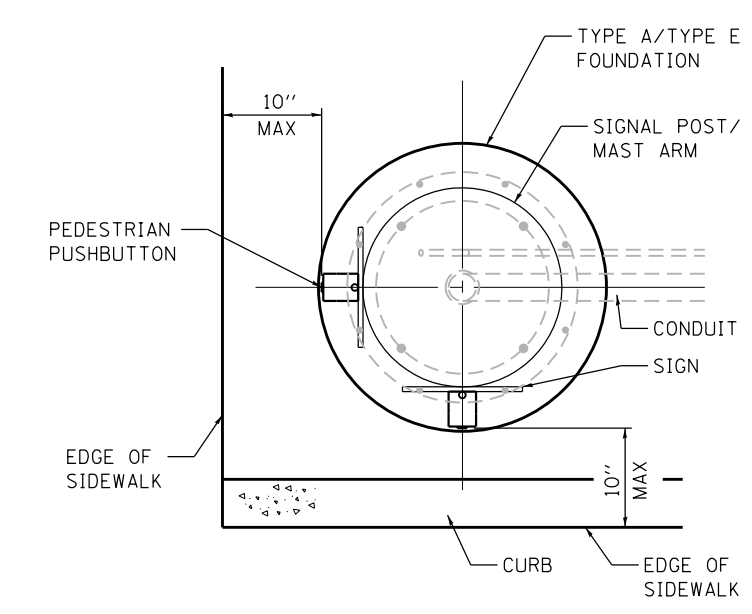
**PEDESTRIAN PUSHBUTTON INSTALLATION,
MAST ARM**

* 36" PREFERRED



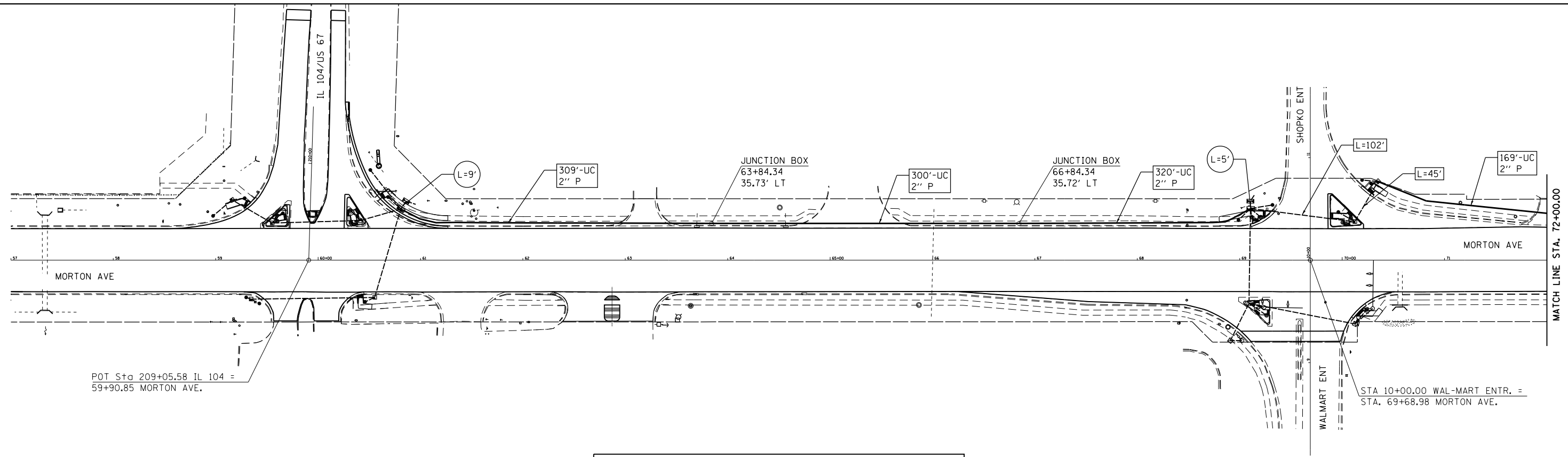
**PEDESTRIAN PUSHBUTTON INSTALLATION,
SIGNAL POST**

- GENERAL NOTES**
1. PREFERRED MOUNTING HEIGHT OF THE PUSHBUTTON SHALL BE APPROXIMATELY 3 FEET. THE HEIGHT SHALL BE MAXIMUM OF 3.5 FEET AND MINIMUM OF 2.5 FEET ABOVE SIDEWALK.
 2. REACH OF THE PUSHBUTTON SHALL BE A MAXIMUM OF 10 INCHES FROM THE EDGE OF THE SIDEWALK.
 3. PUSHBUTTON SHALL BE UNOBSTRUCTED AND ADJACENT TO ALL-WEATHER SURFACE TO PROVIDE ACCESS FROM A WHEELCHAIR.
 4. IN ANY CASE THE 10 INCH MAXIMUM DISTANCE IS NOT ACHIEVED, MODULAR EXTENSION BRACKETS SHALL BE INSTALLED. THE COST AND LABOR OF INSTALLING EXTENSION BRACKET SHALL BE INCLUDED IN THE COST OF PEDESTRIAN PUSHBUTTON.
 5. THE PUSHBUTTON FACE SHOULD BE PARALLEL TO THE CROSSWALK IT CONTROLS.



**PEDESTRIAN PUSHBUTTON INSTALLATION,
TOP VIEW**
NOT TO SCALE

FILE NAME =	USER NAME = Verenskif	DESIGNED - DMS 11-18-2014	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT SIX PEDESTRIAN PUSHBUTTON INSTALLATION DETAIL	F.A.P. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 6\Projects\067210\Drawings\Traffic\MS7228#2014.dgn	PLotted Date: 1/28/2016	CHECKED -	REVISED -			•	•••	MORGAN	366	284	
Default	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -			CONTRACT NO. 72D21		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 1/28/2016	DATE -	REVISED -			SCALE:	SHEET 56 OF 56 SHEETS	STA. TO STA.	• 310A, 753 ••• 23BR,RS6,TS-5;33BR-1,RS4,TS-2		



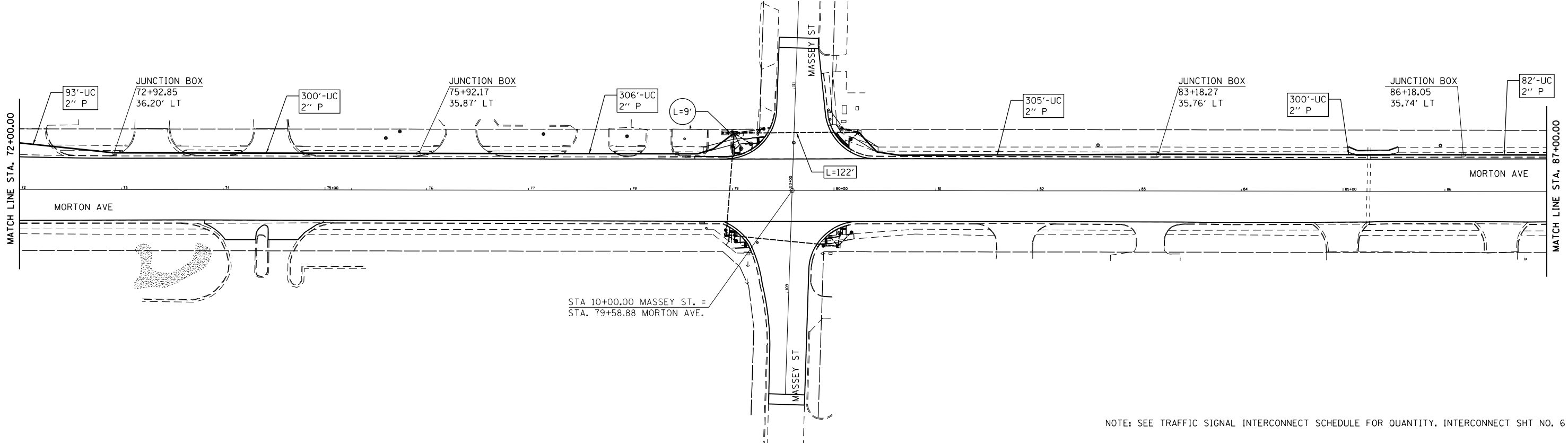
POT Sta 209+05.58 IL 104 =
59+90.85 MORTON AVE.

STA 10+00.00 WAL-MART ENTR. =
STA. 69+68.98 MORTON AVE.

LEGEND:

- ##'-UC
##" P CONDUIT RUN BETWEEN JNC BOX TO JNC BOX/JUNC BOX TO HH
QUANTITY BREAKDOWN: UD CONDUIT AND FO CABLE IN TS INTERCONNECT
SCHEDULE.
- L=#' CONDUIT RUN BETWEEN TWO HANDHOLES
QUANTITY BREAKDOWN: FO CABLE INCLUDED IN INTERCONNECT SCHEDULE.
CONDUIT QUANTITY IN INTERSECTION QUANTITIES.
- (L=#) CONDUIT RUN BETWEEN DBL HH AND CABINET
QUANTITY BREAKDOWN: FO CABLE INCLUDED IN INTERCONNECT SCHEDULE.
CONDUIT QUANTITY IN INTERSECTION QUANTITIES.

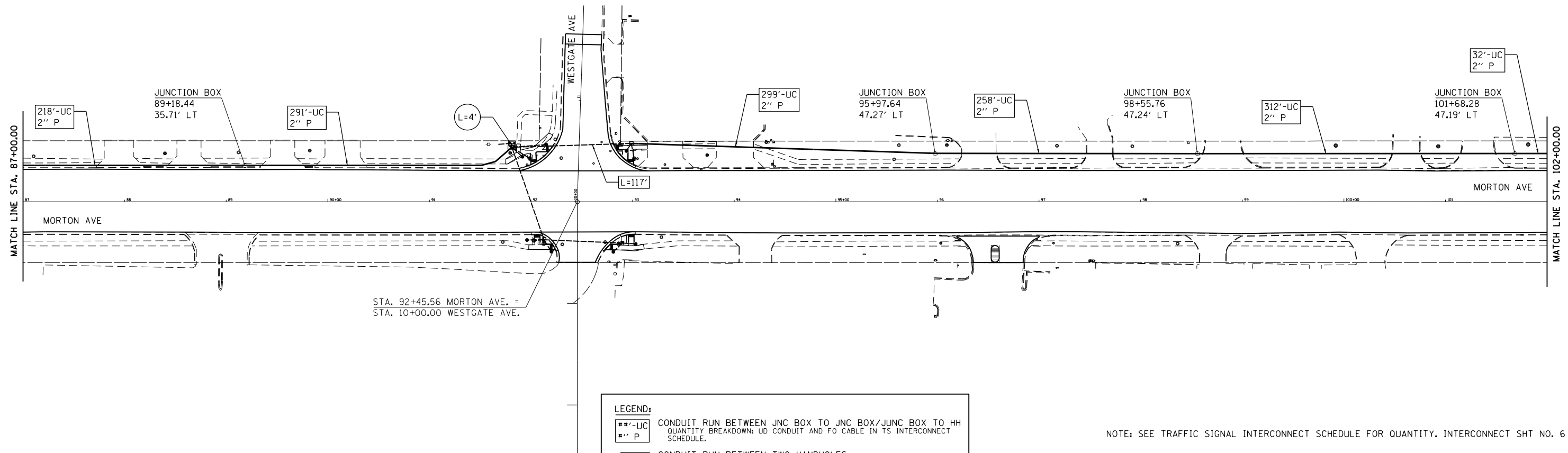
NOTE: SEE TRAFFIC SIGNAL INTERCONNECT SCHEDULE FOR QUANTITY. INTERCONNECT SHT NO. 6



STA 10+00.00 MASSEY ST. =
STA. 79+58.88 MORTON AVE.

NOTE: SEE TRAFFIC SIGNAL INTERCONNECT SCHEDULE FOR QUANTITY. INTERCONNECT SHT NO. 6

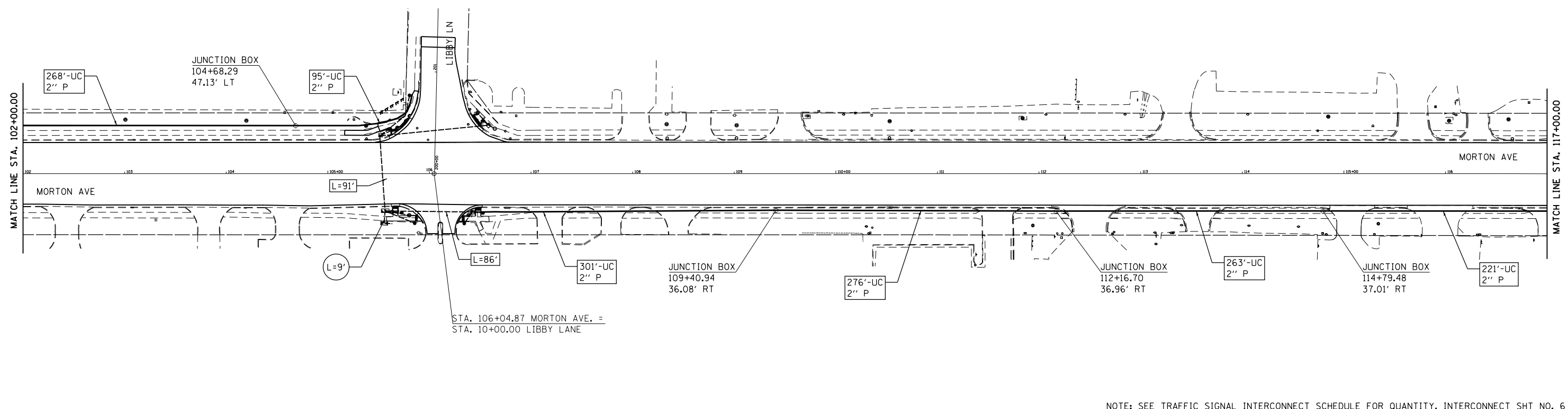
FILE NAME =	USER NAME = Verenskif	DESIGNED - DMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERCONNECT PLAN IL 104 (MORTON AVE)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\IL084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 6\Projects\0672015\Traffic\BMS72021-shr-interconnect	DRAWN - DMS	CHECKED -	REVISED -					•	•••	MORGAN	366	285
Default	PLOT SCALE = 100.0000' / in.	DATE - 3-4-2015	REVISED -		SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.			CONTRACT NO. 72D21				
	PLOT DATE = 1/28/2016							ILLINOIS FED. AID PROJECT				



LEGEND:

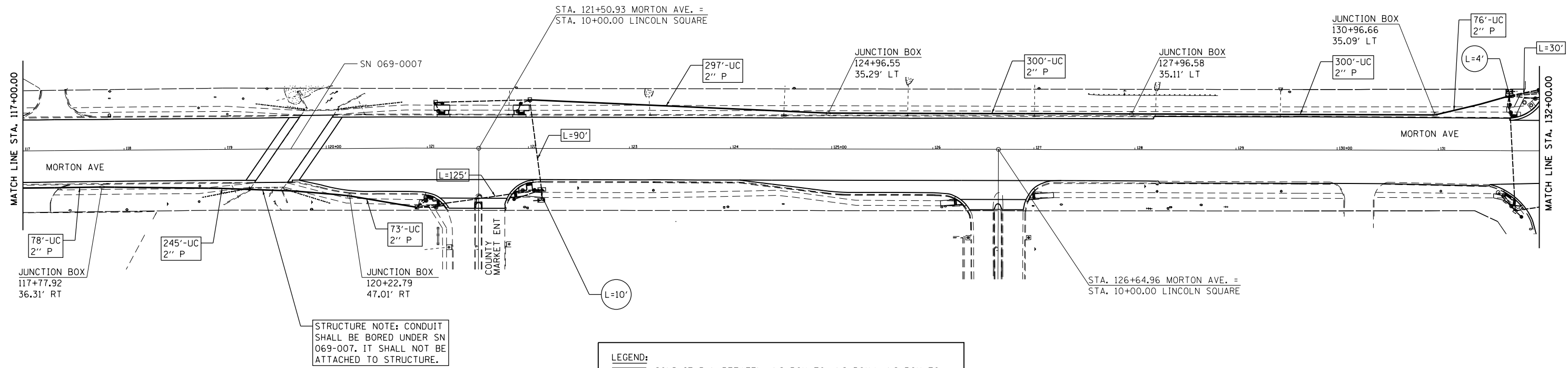
- ##'-UC 2" P CONDUIT RUN BETWEEN JNC BOX TO JNC BOX/JUNC BOX TO HH
QUANTITY BREAKDOWN: UD CONDUIT AND FO CABLE IN TS INTERCONNECT SCHEDULE.
- L=#' CONDUIT RUN BETWEEN TWO HANDHOLES
QUANTITY BREAKDOWN: FO CABLE INCLUDED IN INTERCONNECT SCHEDULE. CONDUIT QUANTITY IN INTERSECTION QUANTITIES.
- (L=#) CONDUIT RUN BETWEEN DBL HH AND CABINET
QUANTITY BREAKDOWN: FO CABLE INCLUDED IN INTERCONNECT SCHEDULE. CONDUIT QUANTITY IN INTERSECTION QUANTITIES.

NOTE: SEE TRAFFIC SIGNAL INTERCONNECT SCHEDULE FOR QUANTITY. INTERCONNECT SHT NO. 6



NOTE: SEE TRAFFIC SIGNAL INTERCONNECT SCHEDULE FOR QUANTITY. INTERCONNECT SHT NO. 6

FILE NAME =	USER NAME = Verenskif	DESIGNED - DMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERCONNECT PLAN IL 104 (MORTON AVE)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default		CHECKED -	REVISED -		SCALE:	SHEET 2	OF 6 SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	366	286
		DATE - 3-4-2015	REVISED -								CONTRACT NO. 72D21		
											310A, 753 *** 23BR,RS6,TS-5;33BR-1,RS4,TS-2		

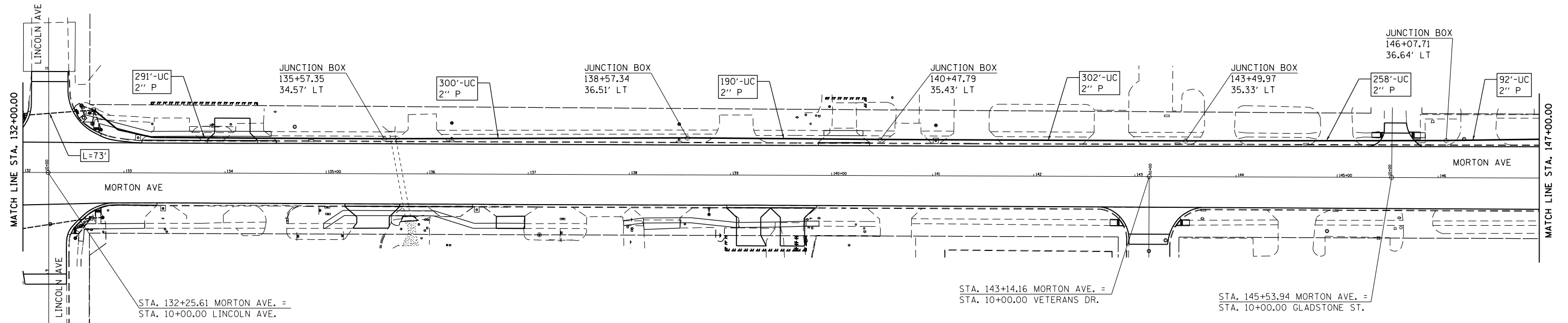


STRUCTURE NOTE: CONDUIT SHALL BE BORED UNDER SN 069-007. IT SHALL NOT BE ATTACHED TO STRUCTURE.

LEGEND:

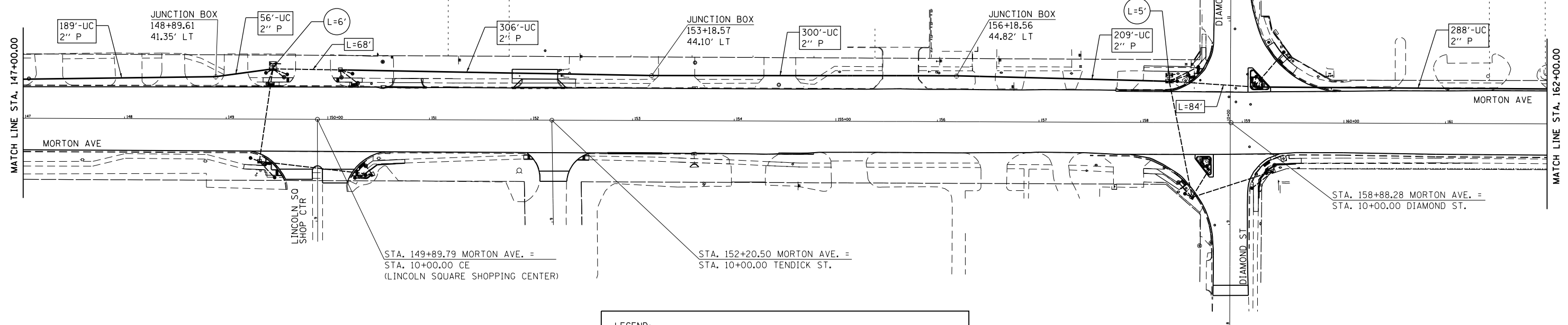
- ■'-UC
■ ■" P CONDUIT RUN BETWEEN JNC BOX TO JNC BOX/JUNC BOX TO HH
QUANTITY BREAKDOWN: UD CONDUIT AND FO CABLE IN TS INTERCONNECT SCHEDULE.
- L= #' CONDUIT RUN BETWEEN TWO HANDHOLES
QUANTITY BREAKDOWN: FO CABLE INCLUDED IN INTERCONNECT SCHEDULE.
CONDUIT QUANTITY IN INTERSECTION QUANTITIES.
- (L= #') CONDUIT RUN BETWEEN DBL HH AND CABINET
QUANTITY BREAKDOWN: FO CABLE INCLUDED IN INTERCONNECT SCHEDULE.
CONDUIT QUANTITY IN INTERSECTION QUANTITIES.

NOTE: SEE TRAFFIC SIGNAL INTERCONNECT SCHEDULE FOR QUANTITY. INTERCONNECT SHT NO. 6



NOTE: SEE TRAFFIC SIGNAL INTERCONNECT SCHEDULE FOR QUANTITY. INTERCONNECT SHT NO. 6

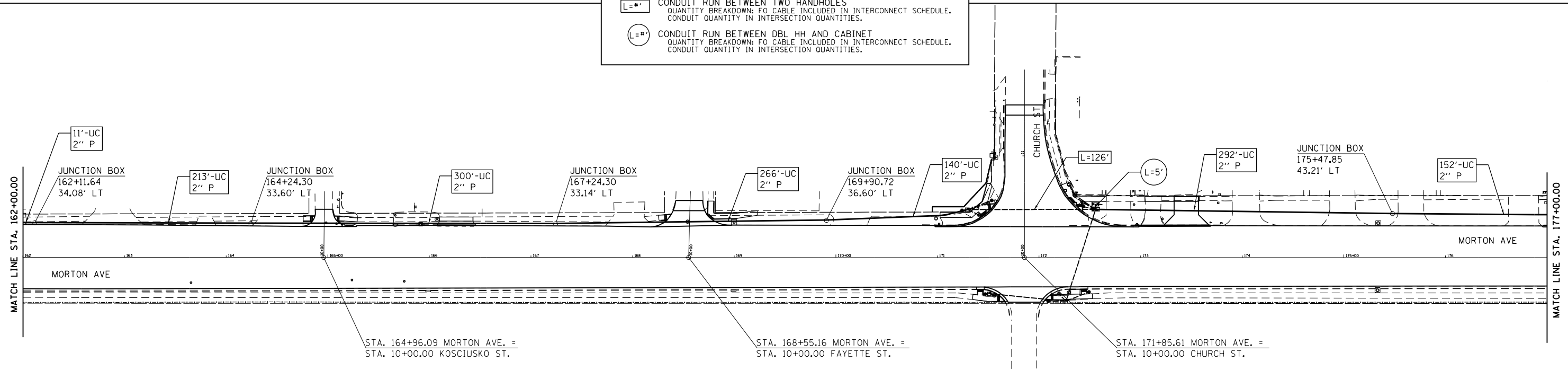
FILE NAME =	USER NAME = Verenskif	DESIGNED - DMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERCONNECT PLAN IL 104 (MORTON AVE)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default		CHECKED -	REVISED -						...	MORGAN	366	287
	PLOT SCALE = 100.0000' / in.	DATE - 3-4-2015	REVISED -		SCALE:	SHEET 3	OF 6 SHEETS	STA.	TO STA.	CONTRACT NO. 72D21		
	PLOT DATE = 1/28/2016				ILLINOIS FED. AID PROJECT • 310A, 753 ••• 23BR,RS6,TS-5;33BR-1,RS4,TS-2							



LEGEND:

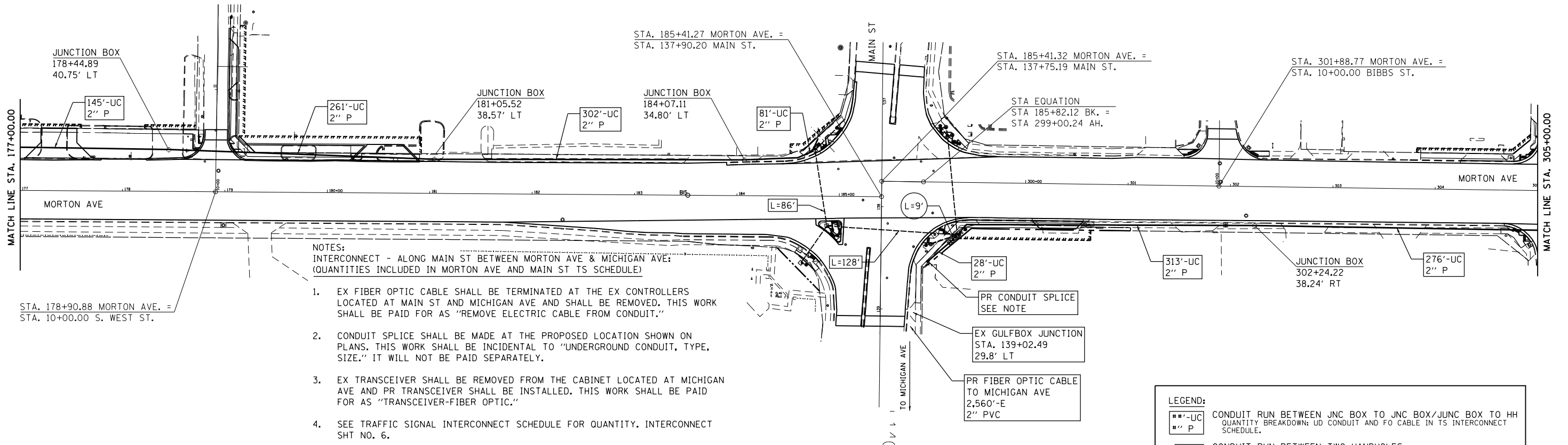
- ##'-UC
2" P CONDUIT RUN BETWEEN JNC BOX TO JNC BOX/JUNC BOX TO HH
 QUANTITY BREAKDOWN: UD CONDUIT AND FO CABLE IN TS INTERCONNECT SCHEDULE.
- L=#' CONDUIT RUN BETWEEN TWO HANDHOLES
 QUANTITY BREAKDOWN: FO CABLE INCLUDED IN INTERCONNECT SCHEDULE.
 CONDUIT QUANTITY IN INTERSECTION QUANTITIES.
- L=#' CONDUIT RUN BETWEEN DBL HH AND CABINET
 QUANTITY BREAKDOWN: FO CABLE INCLUDED IN INTERCONNECT SCHEDULE.
 CONDUIT QUANTITY IN INTERSECTION QUANTITIES.

NOTE: SEE TRAFFIC SIGNAL INTERCONNECT SCHEDULE FOR QUANTITY. INTERCONNECT SHT NO. 6



NOTE: SEE TRAFFIC SIGNAL INTERCONNECT SCHEDULE FOR QUANTITY. INTERCONNECT SHT NO. 6

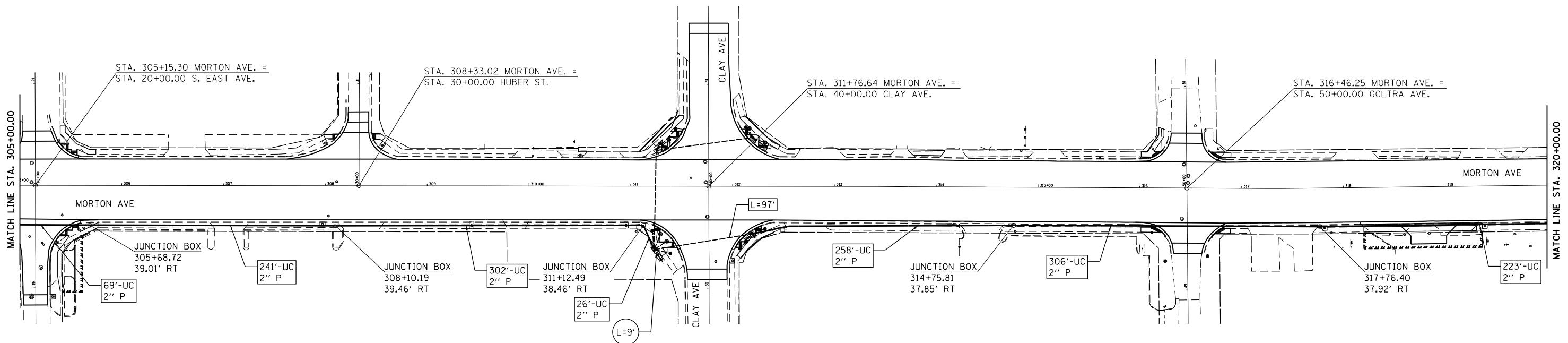
FILE NAME =	USER NAME = Verenskif	DESIGNED - DMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERCONNECT PLAN IL 104 (MORTON AVE)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
<small>p:\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 6\Projects\0672021\Traffic\MS72021-shr-interconnect</small>						<small>REVISIONS</small> <small>REVISIONS</small> <small>REVISIONS</small>	<small>...</small>	<small>MORGAN</small>	<small>366</small>	<small>288</small>	
<small>PLOT SCALE = 100.0000' / in.</small>						<small>CHECKED -</small> <small>REVISIONS</small> <small>REVISIONS</small>	<small>CONTRACT NO. 72D21</small>				
<small>DATE - 3-4-2015</small>						<small>SCALE: SHEET 4 OF 6 SHEETS STA. TO STA.</small>		<small>ILLINOIS FED. AID PROJECT</small>			



- NOTES:
 INTERCONNECT - ALONG MAIN ST BETWEEN MORTON AVE & MICHIGAN AVE:
 (QUANTITIES INCLUDED IN MORTON AVE AND MAIN ST TS SCHEDULE)
1. EX FIBER OPTIC CABLE SHALL BE TERMINATED AT THE EX CONTROLLERS LOCATED AT MAIN ST AND MICHIGAN AVE AND SHALL BE REMOVED. THIS WORK SHALL BE PAID FOR AS "REMOVE ELECTRIC CABLE FROM CONDUIT."
 2. CONDUIT SPLICE SHALL BE MADE AT THE PROPOSED LOCATION SHOWN ON PLANS. THIS WORK SHALL BE INCIDENTAL TO "UNDERGROUND CONDUIT, TYPE, SIZE." IT WILL NOT BE PAID SEPARATELY.
 3. EX TRANSCEIVER SHALL BE REMOVED FROM THE CABINET LOCATED AT MICHIGAN AVE AND PR TRANSCEIVER SHALL BE INSTALLED. THIS WORK SHALL BE PAID FOR AS "TRANSCEIVER-FIBER OPTIC."
 4. SEE TRAFFIC SIGNAL INTERCONNECT SCHEDULE FOR QUANTITY. INTERCONNECT SHT NO. 6.

LEGEND:

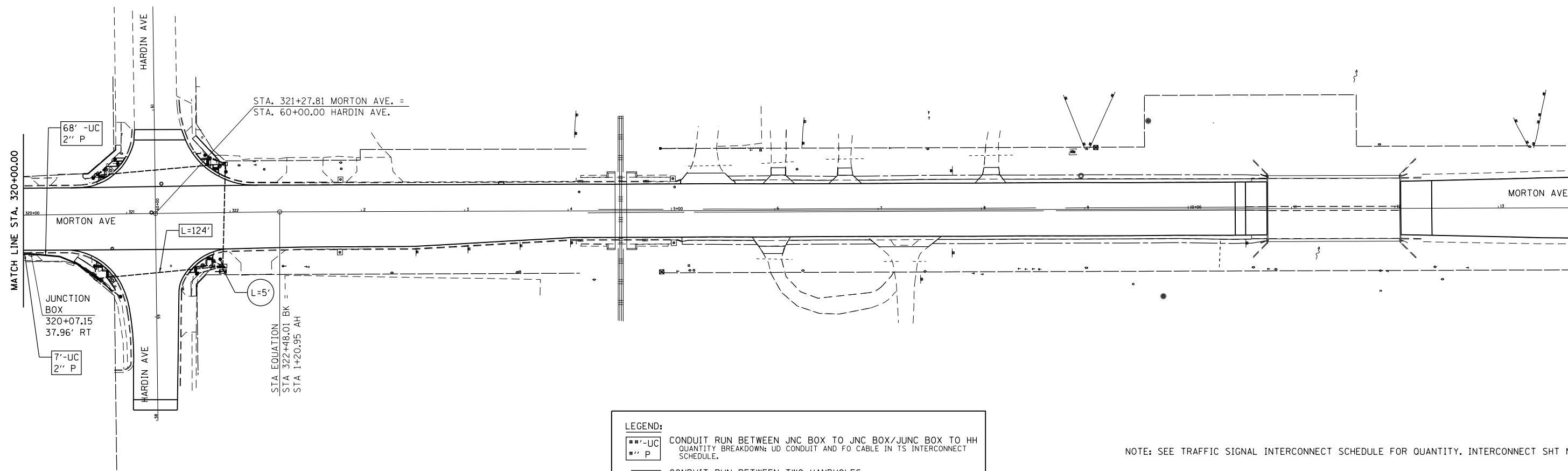
##'-UC #'' P	CONDUIT RUN BETWEEN JNC BOX TO JNC BOX/JUNC BOX TO HH QUANTITY BREAKDOWN: UD CONDUIT AND FO CABLE IN TS INTERCONNECT SCHEDULE.
L=#'	CONDUIT RUN BETWEEN TWO HANDHOLES QUANTITY BREAKDOWN: FO CABLE INCLUDED IN INTERCONNECT SCHEDULE. CONDUIT QUANTITY IN INTERSECTION QUANTITIES.
(L=#')	CONDUIT RUN BETWEEN DBL HH AND CABINET QUANTITY BREAKDOWN: FO CABLE INCLUDED IN INTERCONNECT SCHEDULE. CONDUIT QUANTITY IN INTERSECTION QUANTITIES.



NOTE: SEE TRAFFIC SIGNAL INTERCONNECT SCHEDULE FOR QUANTITY. INTERCONNECT SHT NO. 6

FILE NAME =	USER NAME = Verenskif	DESIGNED - DMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERCONNECT PLAN IL 104 (MORTON AVE)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -				...	MORGAN	366	289
	PLOT DATE = 1/28/2016	DATE - 3-4-2015	REVISED -			CONTRACT NO. 72D21				

SCALE: SHEET 5 OF 6 SHEETS STA. TO STA. ILLINOIS FED. AID PROJECT 310A, 753 ••• 23BR,RS6,TS-5;33BR-1,RS4,TS-2



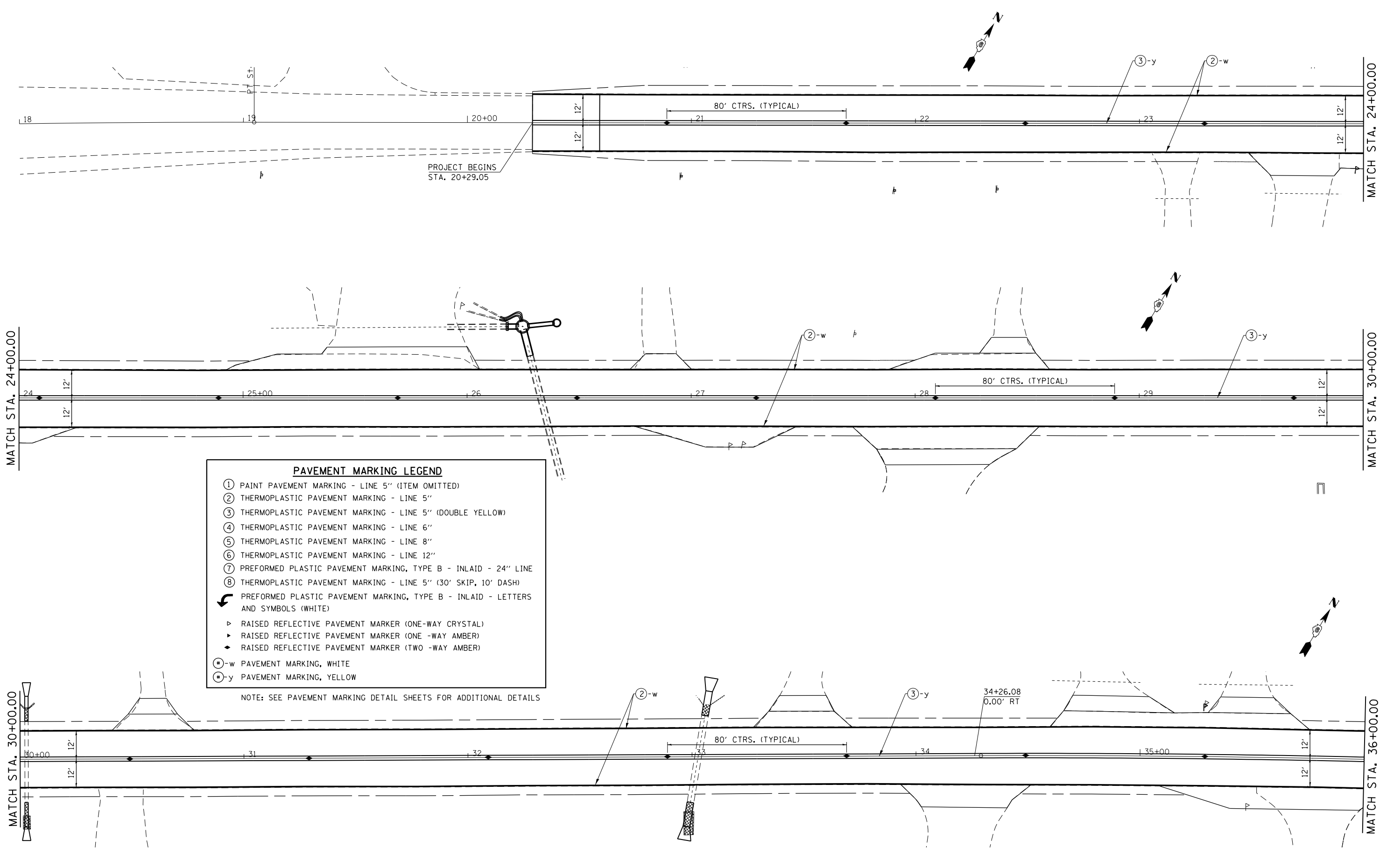
LEGEND:

##'-UC ##" P	CONDUIT RUN BETWEEN JNC BOX TO JNC BOX/JUNC BOX TO HH QUANTITY BREAKDOWN: UD CONDUIT AND FO CABLE IN TS INTERCONNECT SCHEDULE.
L=#'	CONDUIT RUN BETWEEN TWO HANDHOLES QUANTITY BREAKDOWN: FO CABLE INCLUDED IN INTERCONNECT SCHEDULE. CONDUIT QUANTITY IN INTERSECTION QUANTITIES.
(L=#')	CONDUIT RUN BETWEEN DBL HH AND CABINET QUANTITY BREAKDOWN: FO CABLE INCLUDED IN INTERCONNECT SCHEDULE. CONDUIT QUANTITY IN INTERSECTION QUANTITIES.

NOTE: SEE TRAFFIC SIGNAL INTERCONNECT SCHEDULE FOR QUANTITY. INTERCONNECT SHT NO. 6

TRAFFIC SIGNAL INTERCONNECT SCHEDULE				
SLACK LENGTH (FOOT)	81028350	87100020	89502300	X8130110
DOUBLE HANDHOLE: 13	UNDERGROUND	FIBER OPTIC	REMOVE	JUNCTION
HANDHOLE: 6.5	CONDUIT,	CABLE IN	ELECTRIC	BOX
GULFBOX JUNCTION: 1.5	PVC 2" DIA	CONDUIT	CABLE FROM	(SPECIAL)
LOCATION		MM12F SM12F	CONDUIT	
STATION TO STATION	FOOT	FOOT	FOOT	EACH
STA 60+87.00 TO 72+00.00	1,098	1,362	-	2
STA 72+00.00 TO 87+00.00	1,386	1,581	-	4
STA 87+00.00 TO 102+00.00	1,410	1,594	-	4
STA 102+00.00 TO 117+00.00	1,520	1,779	-	4
STA 117+00.00 TO 132+00.00	1,376	1,755	-	5
STA 132+00.00 TO 147+00.00	1,433	1,520	-	5
STA 147+00.00 TO 162+00.00	1,348	1,632	-	3
STA 162+00.00 TO 177+00.00	1,374	1,572	-	5
STA 177+00.00 TO 305+00.00	1,406	4,286	2,560	4
STA 305+00.00 TO 320+00.00	1,425	1,600	-	5
STA 320+00.00 TO 321+93.00	75	232	-	1
TOTAL:	13,851	18,911	2,560	42

• QUANTITY INCLUDED FOR INTERCONNECT RUN BETWEEN MORTON AVE AND MICHIGAN AVE ALONG MAIN ST



PAVEMENT MARKING LEGEND

- ① PAINT PAVEMENT MARKING - LINE 5" (ITEM OMITTED)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - 24" LINE
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 5" (30' SKIP, 10' DASH)

↪ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS (WHITE)

- ▷ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)
- ▶ RAISED REFLECTIVE PAVEMENT MARKER (ONE -WAY AMBER)
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO -WAY AMBER)

⊕-w PAVEMENT MARKING, WHITE
 ⊕-y PAVEMENT MARKING, YELLOW

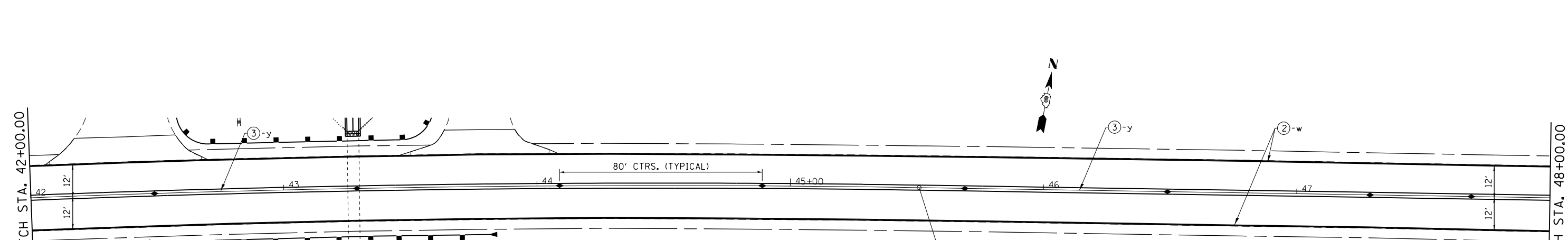
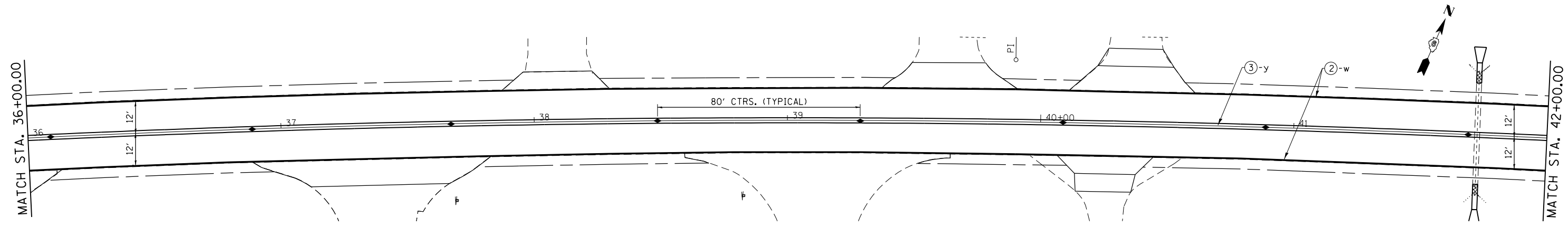
NOTE: SEE PAVEMENT MARKING DETAIL SHEETS FOR ADDITIONAL DETAILS

FILE NAME =	USER NAME = sparksgr	DESIGNED - RTS, DMS	REVISED -
pw:\IL\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 6\Projects\067210\Drawings\084EBID\RTS DMS Mark Sht File		DRAWN - RTS, DMS	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/11/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING LAYOUT	
SCALE:	SHEET 1 OF 22 SHEETS STA. TO STA.

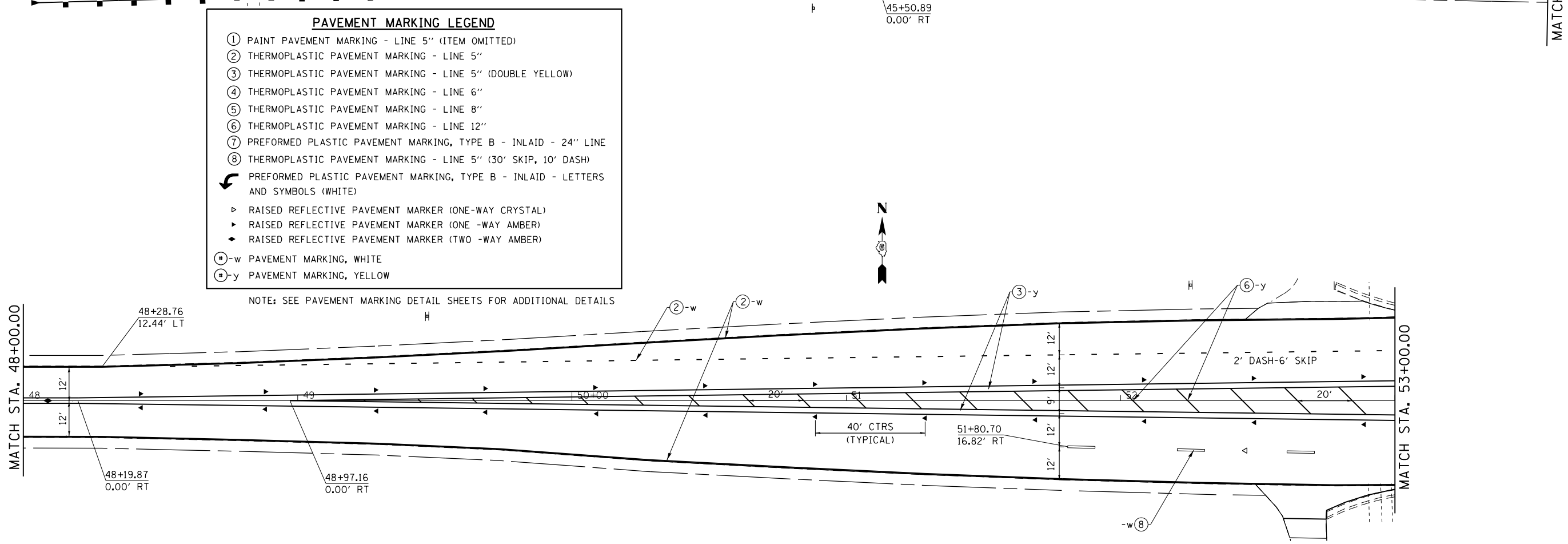
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	...	MORGAN	366	291
CONTRACT NO. 72D21			ILLINOIS FED. AID PROJECT	



PAVEMENT MARKING LEGEND

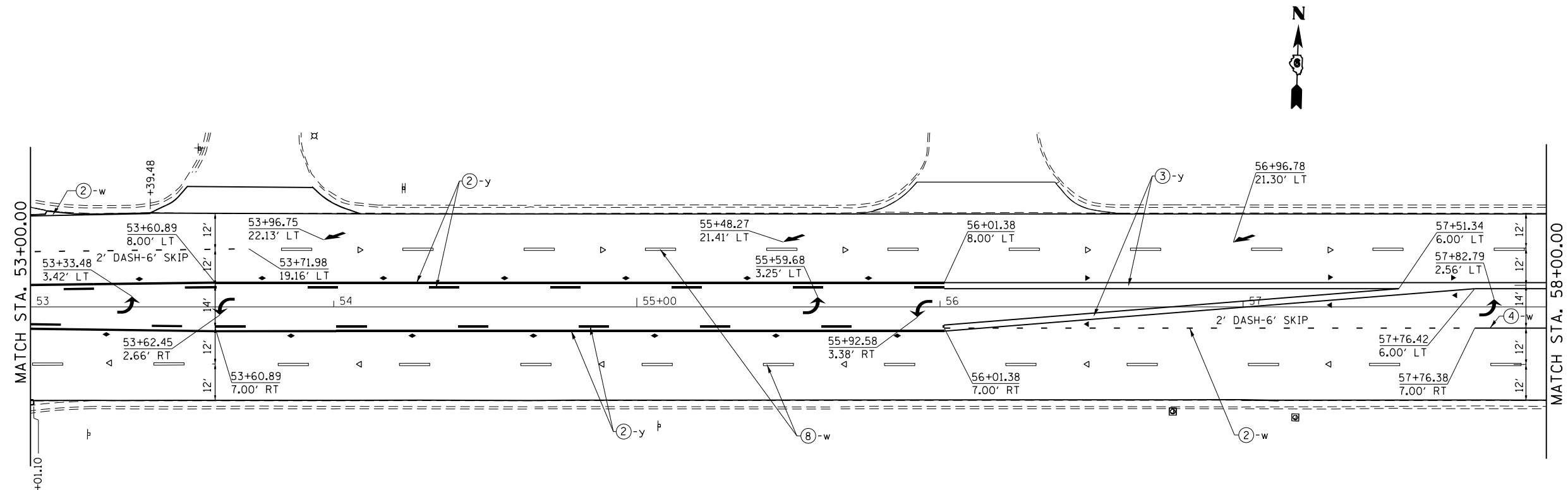
- ① PAINT PAVEMENT MARKING - LINE 5" (ITEM OMITTED)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - 24" LINE
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 5" (30' SKIP, 10' DASH)
- ↩ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS (WHITE)
- ▷ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)
- ▶ RAISED REFLECTIVE PAVEMENT MARKER (ONE -WAY AMBER)
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO -WAY AMBER)
- ⊕-w PAVEMENT MARKING, WHITE
- ⊕-y PAVEMENT MARKING, YELLOW

NOTE: SEE PAVEMENT MARKING DETAIL SHEETS FOR ADDITIONAL DETAILS



FILE NAME =	USER NAME = sparksgw	DESIGNED - RTS, DMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING LAYOUT			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default					SCALE:	SHEET 2 OF 22 SHEETS	STA.	TO STA.	...	MORGAN	366	292
	PLOT DATE = 12/11/2015	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT			CONTRACT NO. 72D21				

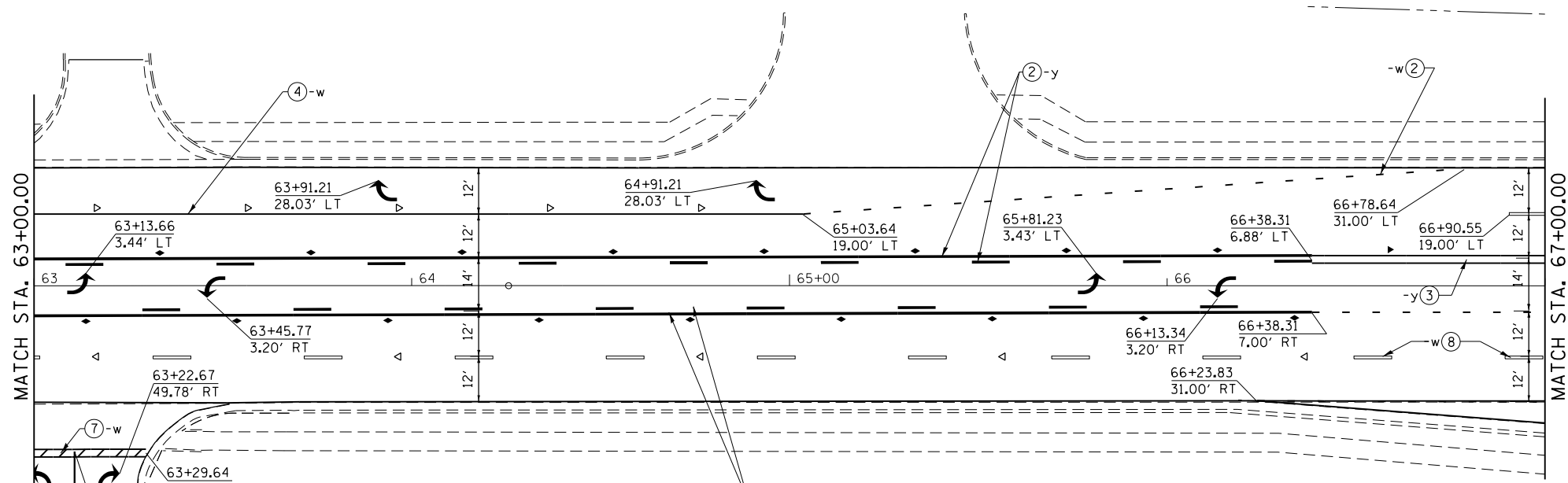
310A, 753 ••• 23BR,RS6,TS-5;33BR-1,RS4,TS-2



PAVEMENT MARKING LEGEND	
①	PAINT PAVEMENT MARKING - LINE 5" (ITEM OMITTED)
②	THERMOPLASTIC PAVEMENT MARKING - LINE 5"
③	THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW)
④	THERMOPLASTIC PAVEMENT MARKING - LINE 6"
⑤	THERMOPLASTIC PAVEMENT MARKING - LINE 8"
⑥	THERMOPLASTIC PAVEMENT MARKING - LINE 12"
⑦	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - 24" LINE
⑧	THERMOPLASTIC PAVEMENT MARKING - LINE 5" (30' SKIP, 10' DASH)
↩	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS (WHITE)
▷	RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)
▶	RAISED REFLECTIVE PAVEMENT MARKER (ONE -WAY AMBER)
◆	RAISED REFLECTIVE PAVEMENT MARKER (TWO -WAY AMBER)
⊕-w	PAVEMENT MARKING, WHITE
⊕-y	PAVEMENT MARKING, YELLOW

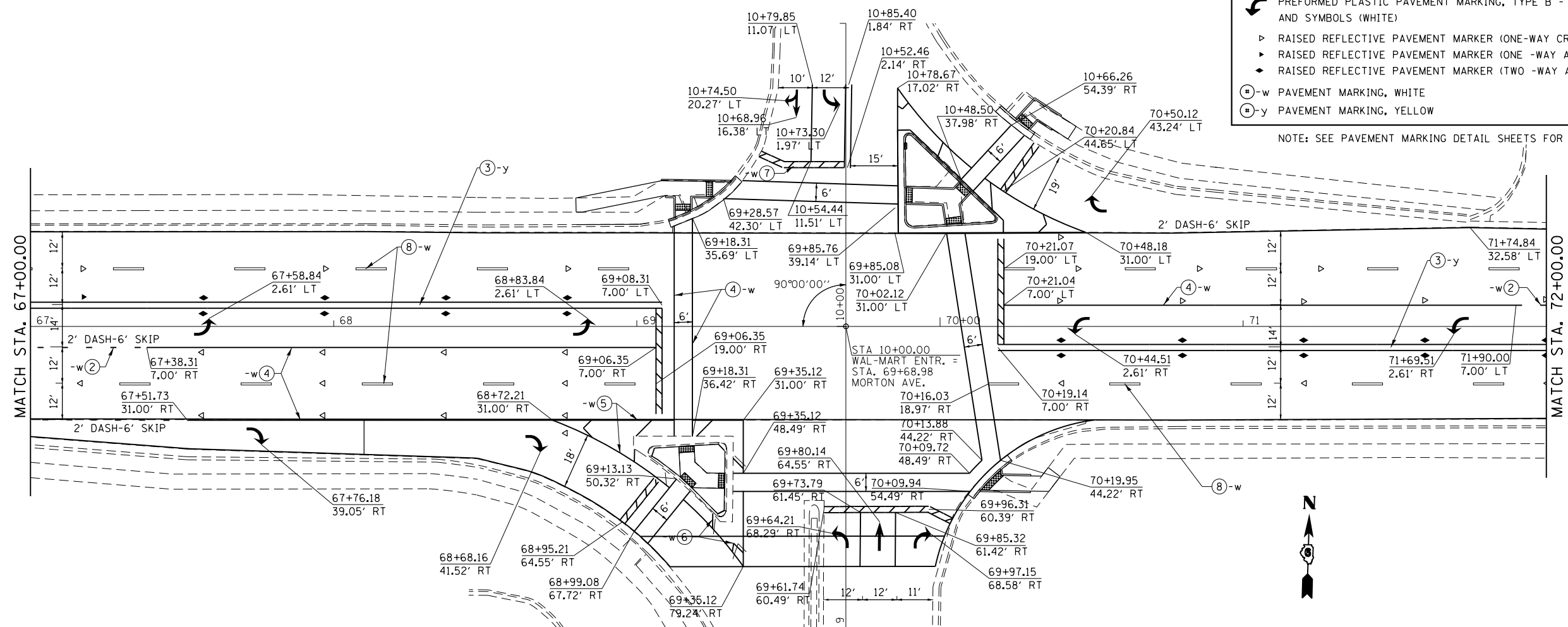
NOTE: SEE PAVEMENT MARKING DETAIL SHEETS FOR ADDITIONAL DETAILS

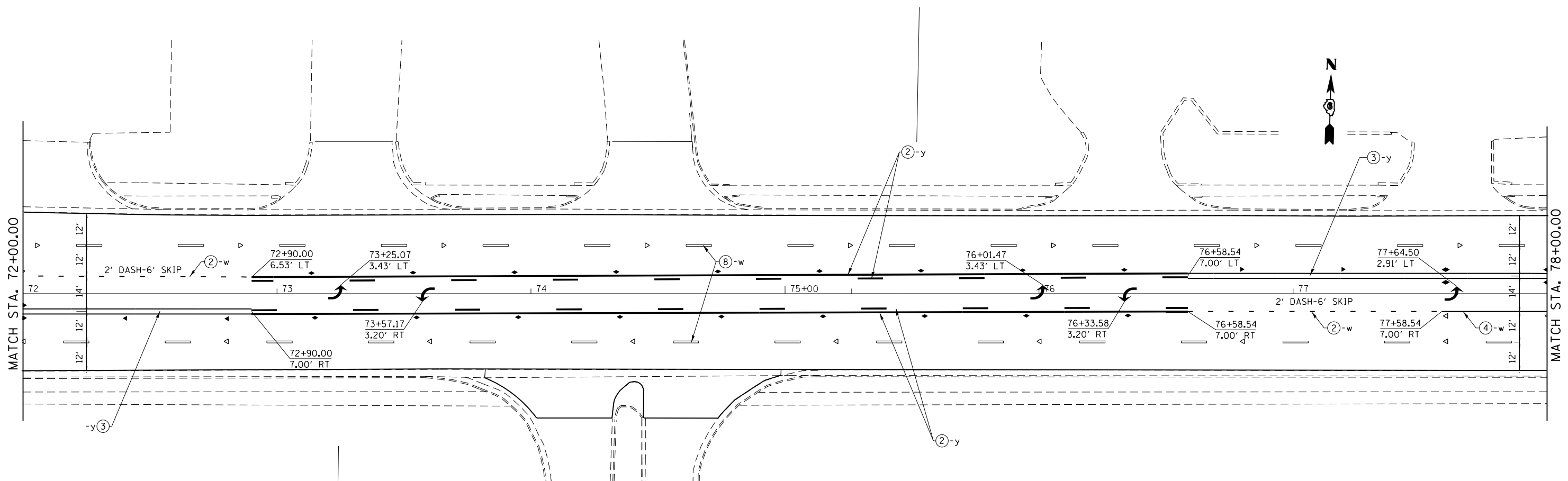
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pw:\IL\084EBIDINTEG.illinois.gov\PIWDD\Documents\DOT Offices\District 6\Projects\0672015\Drawings\RTS, DMS Mark Sht File		DRAWN - RTS, DMS	REVISED -								MORGAN	366	293
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -								CONTRACT NO. 72D21		
	PLOT DATE = 12/11/2015	DATE -	REVISED -			SCALE:	SHEET 3 OF 22 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			



PAVEMENT MARKING LEGEND	
①	PAINT PAVEMENT MARKING - LINE 5" (ITEM OMITTED)
②	THERMOPLASTIC PAVEMENT MARKING - LINE 5"
③	THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW)
④	THERMOPLASTIC PAVEMENT MARKING - LINE 6"
⑤	THERMOPLASTIC PAVEMENT MARKING - LINE 8"
⑥	THERMOPLASTIC PAVEMENT MARKING - LINE 12"
⑦	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - 24" LINE
⑧	THERMOPLASTIC PAVEMENT MARKING - LINE 5" (30' SKIP, 10' DASH)
↶	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS (WHITE)
▷	RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)
◁	RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY AMBER)
◆	RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)
⊕-w	PAVEMENT MARKING, WHITE
⊕-y	PAVEMENT MARKING, YELLOW

NOTE: SEE PAVEMENT MARKING DETAIL SHEETS FOR ADDITIONAL DETAILS

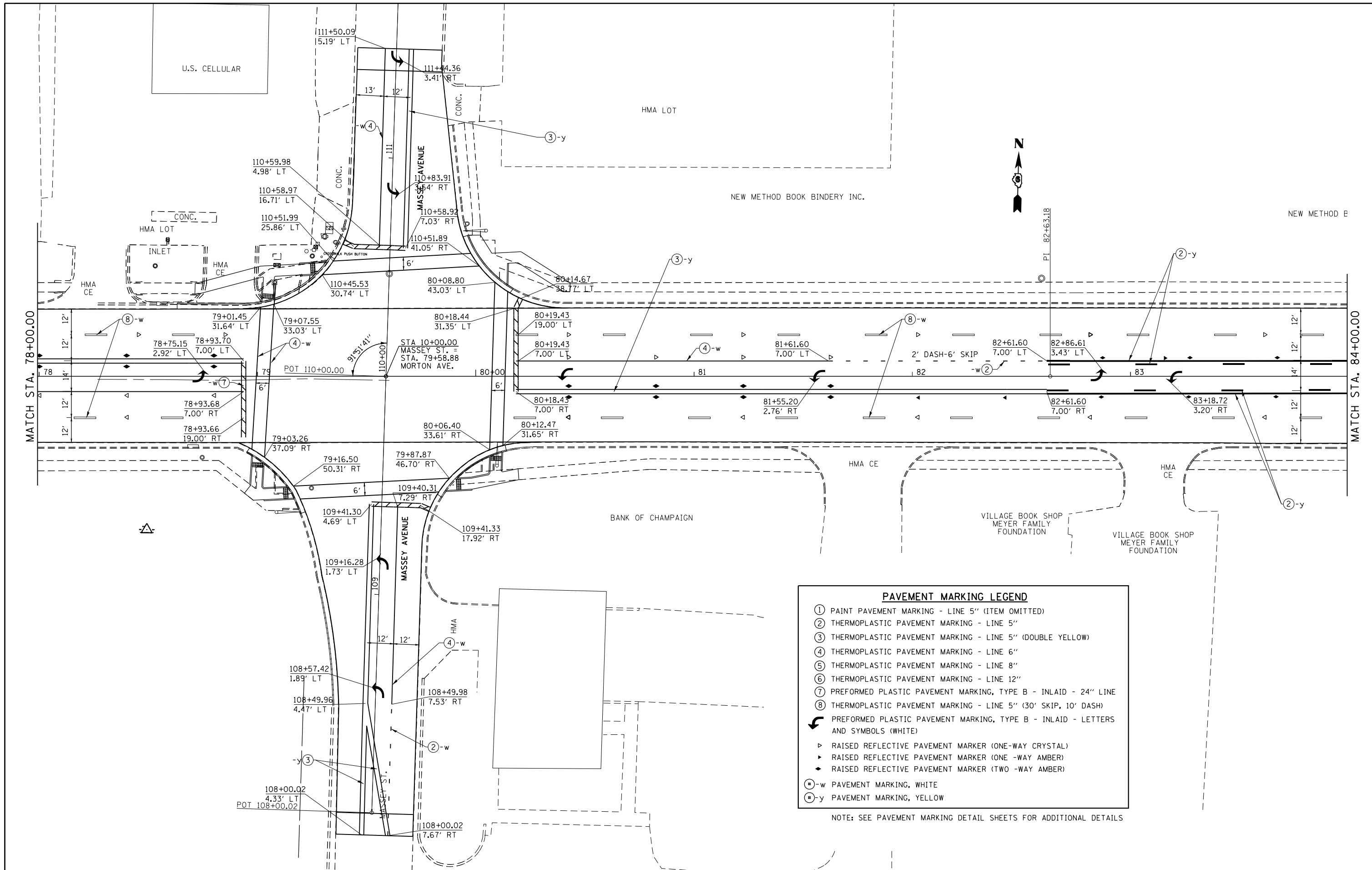




PAVEMENT MARKING LEGEND	
①	PAINT PAVEMENT MARKING - LINE 5" (ITEM OMITTED)
②	THERMOPLASTIC PAVEMENT MARKING - LINE 5"
③	THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW)
④	THERMOPLASTIC PAVEMENT MARKING - LINE 6"
⑤	THERMOPLASTIC PAVEMENT MARKING - LINE 8"
⑥	THERMOPLASTIC PAVEMENT MARKING - LINE 12"
⑦	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - 24" LINE
⑧	THERMOPLASTIC PAVEMENT MARKING - LINE 5" (30' SKIP, 10' DASH)
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▷	RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)
▶	RAISED REFLECTIVE PAVEMENT MARKER (ONE -WAY AMBER)
◆	RAISED REFLECTIVE PAVEMENT MARKER (TWO -WAY AMBER)
⊕-w	PAVEMENT MARKING, WHITE
⊕-y	PAVEMENT MARKING, YELLOW

NOTE: SEE PAVEMENT MARKING DETAIL SHEETS FOR ADDITIONAL DETAILS

FILE NAME =	USER NAME = sparksqw	DESIGNED - RTS, DMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING LAYOUT			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 6\Projects\0672015\Drawings\RTS, DMS Mark Sht File		DRAWN - RTS, DMS	REVISED -						...	MORGAN	366	296
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			SCALE:	SHEET 6 OF 22 SHEETS	STA.	TO STA.	CONTRACT NO. 72D21		
	PLOT DATE = 12/11/2015	DATE -	REVISED -			ILLINOIS FED. AID PROJECT						



PAVEMENT MARKING LEGEND

- ① PAINT PAVEMENT MARKING - LINE 5" (ITEM OMITTED)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - 24" LINE
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 5" (30' SKIP, 10' DASH)
- ↶ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS (WHITE)
- ▶ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)
- ▷ RAISED REFLECTIVE PAVEMENT MARKER (ONE -WAY AMBER)
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO -WAY AMBER)
- ⊕-w PAVEMENT MARKING, WHITE
- ⊕-y PAVEMENT MARKING, YELLOW

NOTE: SEE PAVEMENT MARKING DETAIL SHEETS FOR ADDITIONAL DETAILS

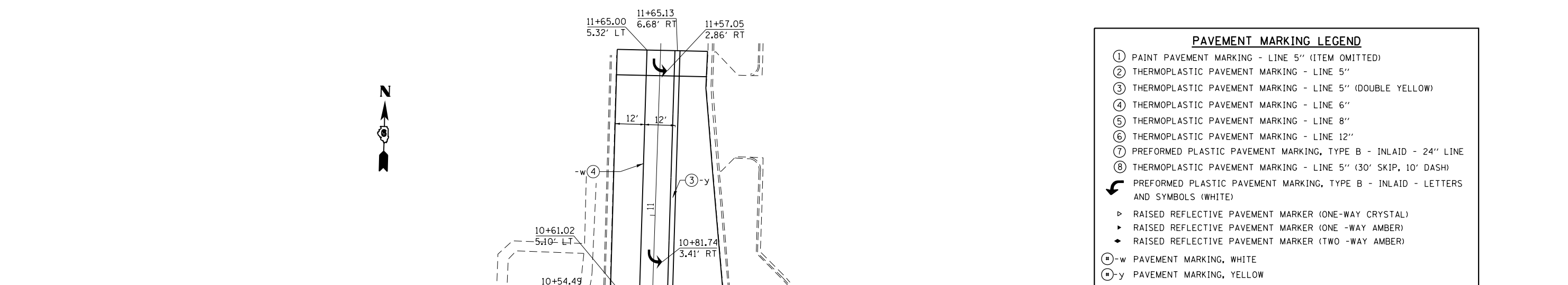
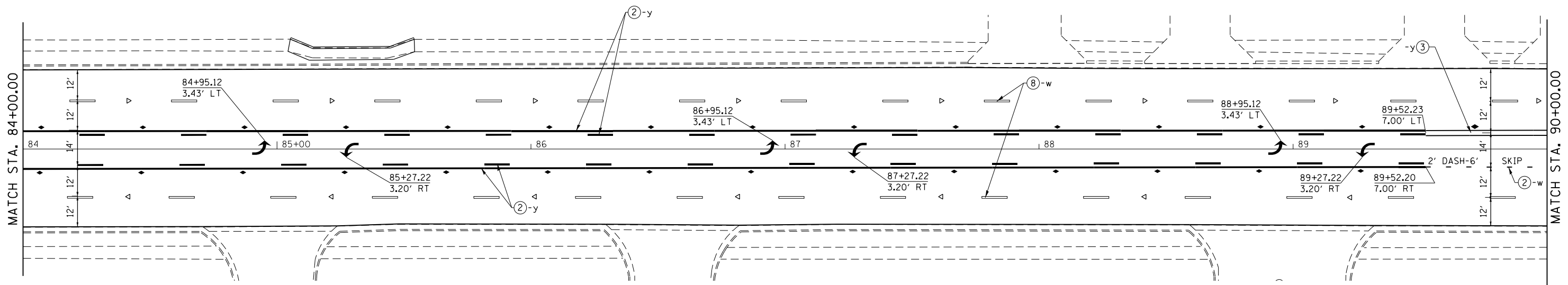
FILE NAME =	USER NAME = sparksqw	DESIGNED - RTS, DMS	REVISED -
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/11/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING LAYOUT

SCALE: SHEET 7 OF 22 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	...	MORGAN	366	297
CONTRACT NO. 72D21			ILLINOIS FED. AID PROJECT	

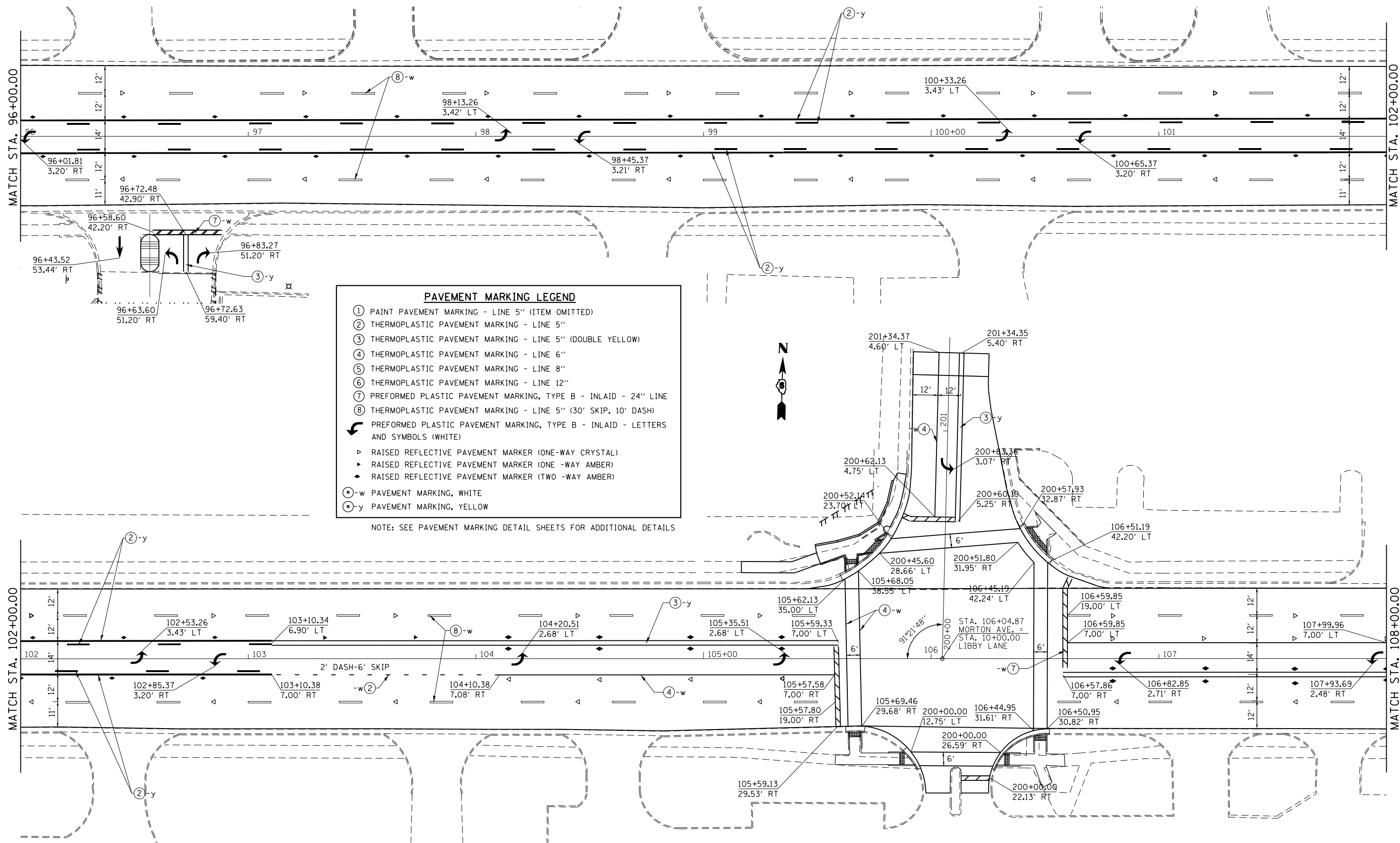


PAVEMENT MARKING LEGEND

- ① PAINT PAVEMENT MARKING - LINE 5" (ITEM OMITTED)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW)
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- ▶ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)
- ▲ RAISED REFLECTIVE PAVEMENT MARKER (ONE -WAY AMBER)
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO -WAY AMBER)
- ⊕-w PAVEMENT MARKING, WHITE
- ⊕-y PAVEMENT MARKING, YELLOW

NOTE: SEE PAVEMENT MARKING DETAIL SHEETS FOR ADDITIONAL DETAILS

FILE NAME =	USER NAME = sparksgw	DESIGNED - RTS, DMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING LAYOUT			F.A.P. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISIONS						CONTRACT NO. 72D21				
	PLOT DATE = 12/11/2015	DATE -	REVISIONS						310A, 753 ••• 23BR,RS6,TS-5;33BR-1,RS4,TS-2				



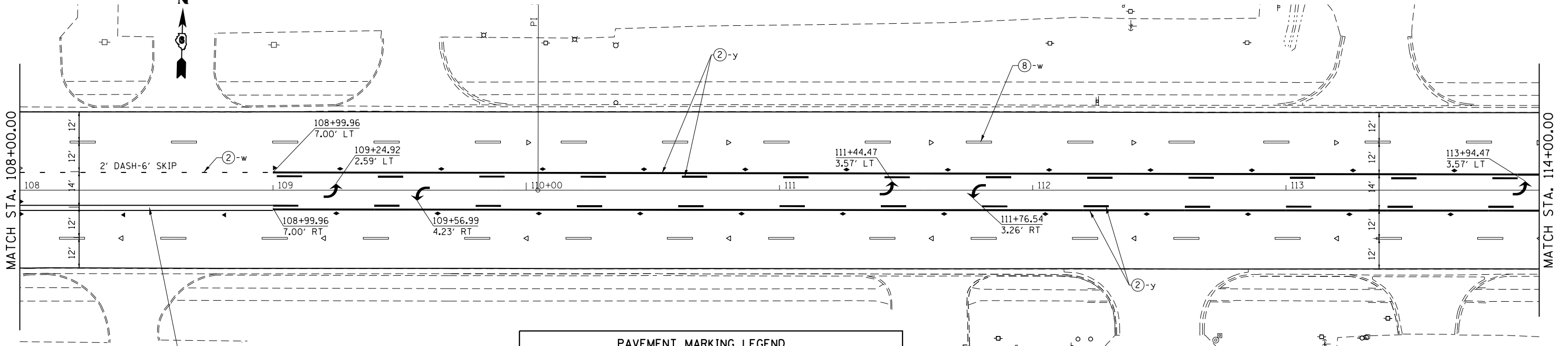
PAVEMENT MARKING LEGEND	
①	PAINT PAVEMENT MARKING - LINE 5" (ITEM OMITTED)
②	THERMOPLASTIC PAVEMENT MARKING - LINE 5"
③	THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW)
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▶	RAISED REFLECTIVE PAVEMENT MARKER (ONE -WAY AMBER)
◆	RAISED REFLECTIVE PAVEMENT MARKER (TWO -WAY AMBER)
⊕-w	PAVEMENT MARKING, WHITE
⊕-y	PAVEMENT MARKING, YELLOW

NOTE: SEE PAVEMENT MARKING DETAIL SHEETS FOR ADDITIONAL DETAILS

FILE NAME =	USER NAME = sparksqw	DESIGNED - RTS, DMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING LAYOUT		F.A.P. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default		CHECKED -	REVISED -		SCALE:	SHEET 9 OF 22 SHEETS	STA.	TO STA.	MORGAN	366	299
		DATE -	REVISED -						CONTRACT NO. 72D21		
					ILLINOIS FED. AID PROJECT						

MATCH STA. 108+00.00

MATCH STA. 114+00.00



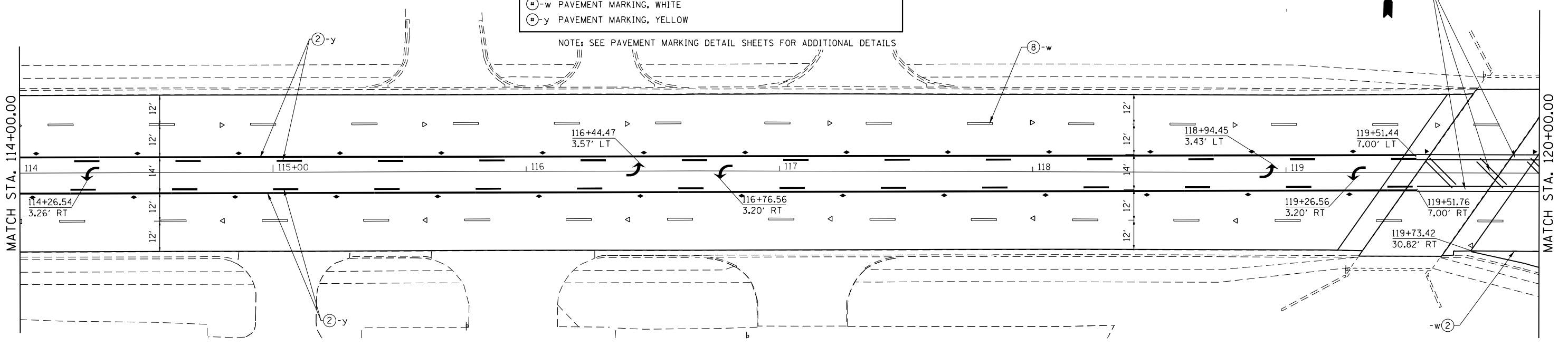
PAVEMENT MARKING LEGEND

- ① PAINT PAVEMENT MARKING - LINE 5" (ITEM OMITTED)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW)
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- ◄ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY AMBER)
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)
- ⊕-w PAVEMENT MARKING, WHITE
- ⊕-y PAVEMENT MARKING, YELLOW

NOTE: SEE PAVEMENT MARKING DETAIL SHEETS FOR ADDITIONAL DETAILS

MATCH STA. 114+00.00

MATCH STA. 120+00.00



FILE NAME =	USER NAME = sparksgw	DESIGNED - RTS, DMS	REVISED -
pw:\IL084EBIDINTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\District 6\Projects\0672\Drawings\RTS, DMS Mark Sht File		REVISIONS	REVISIONS
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/11/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING LAYOUT

SCALE: SHEET 10 OF 22 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	...	MORGAN	366	300
		CONTRACT NO. 72D21		