

**INDEX OF SHEETS**

- 1 COVER SHEET
- 2 GENERAL NOTES, COMMITMENTS
- 3-8 SUMMARY OF QUANTITIES
- 9, 10 SCHEDULES OF QUANTITIES
- 11 CONTROL POINTS, BENCH MARKS
- 12 SURVEY TRAVERSE POINTS
- 13 TYPICAL CROSS SECTIONS
- 14-20 CONCRETE ISLAND DETAILS
- \* 21-34 TRAFFIC SIGNAL SHEETS
- 35, 36 PAVEMENT MARKING DETAILS
- 37, 38 SOIL BORINGS

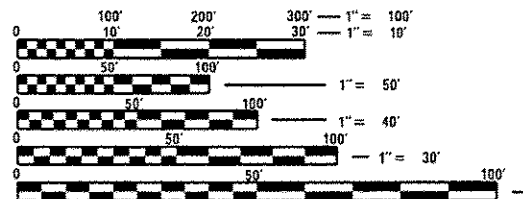
\* INCLUDES SHEET 34A

**HIGHWAY STANDARDS**

000001-06	701901-04	857001-01
001001-02	782001	862001-01
001006	805001-01	873001-02
424001-08	814001-03	876001-03
606001-06	814006-02	877001-05
606301-04	821101-01	877011-05
701101-04	<del>838001-03</del>	877012-02
701501-06	701801-05	877002-02
701701-09		878001-10
		880006-01

**AVERAGE DAILY TRAFFIC**

FAP 664 (WABASH AVE)  
 ADT (2012): 18,000  
 SU: 3.75%, MU: 1.53%, PV: 94.72%  
 SPEED LIMIT: 45 MPH (POSTED)



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT

ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
 1-800-892-0123  
 OR 811

SENIOR TEAM ENGINEER: VINCE MADONIA 217-785-9046

TEAM MANAGER: TIM SLAGLE 217-785-5338

CONTRACT NO. 72H33

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

**PROPOSED  
 HIGHWAY PLANS**

FAP ROUTE 664 (WABASH AVE)

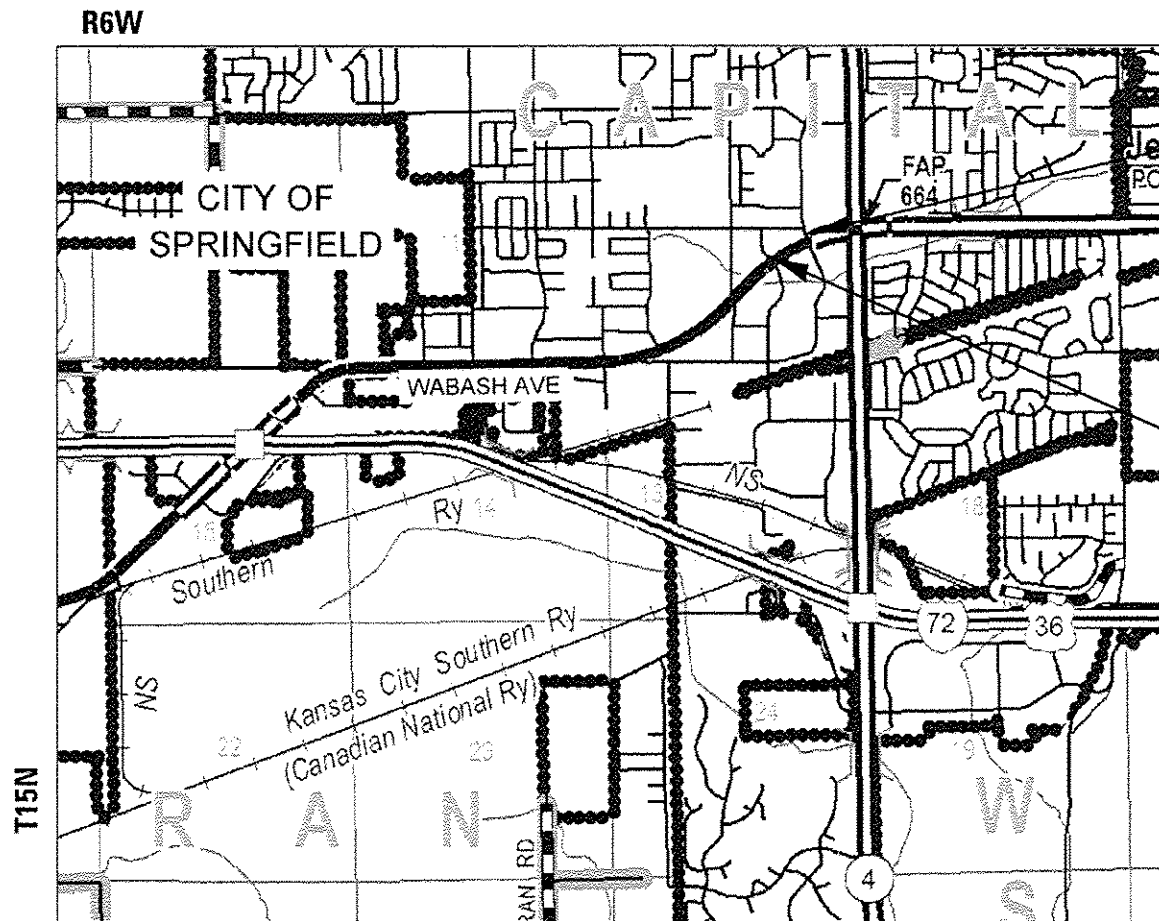
SECTION (21) TS-3

PROJECT ACHSIP-0664(004)

TRAFFIC SIGNAL IMPROVEMENTS

SANGAMON COUNTY

C-96-002-15



**LOCATION MAP**

PROJECT LOCATION  
 WABASH AVENUE AT  
 WEST WHITE OAKS DRIVE  
 STA. 503 + 75.42

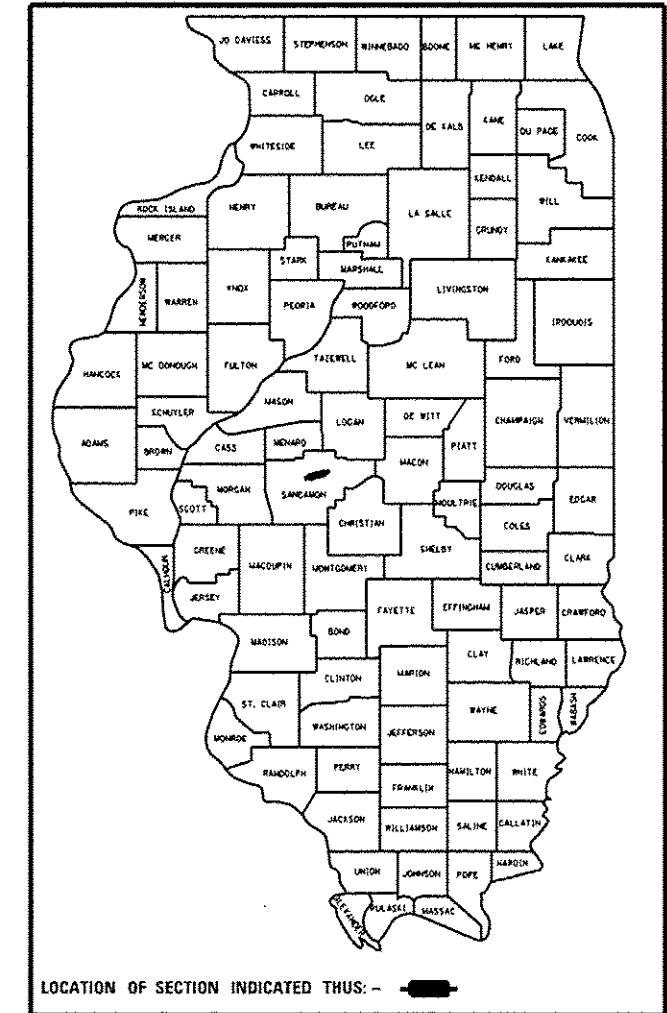
PROJECT LOCATION  
 WABASH AVENUE AT  
 ROBBANS ROAD  
 STA. 494 + 99.80



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
664	(21) TS-3	SANGAMON	38	1
ILLINOIS			CONTRACT NO. 72H33	

\* 38+1 = 39 TOTAL SHEETS

D-96-002-15



STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

SUBMITTED January 28, 2015  
Roy Z. Smith  
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Man 20, 2015  
John D. Baranzelli P.E.  
 ENGINEER OF DESIGN AND ENVIRONMENT

Man 20, 2015  
Emad Osman P.E.  
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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 OF THE STATE OF ILLINOIS**

**GENERAL NOTES:**

1. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB NUMBER LISTED IN THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
2. IN ADDITION TO FIELD SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF WORK; HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
3. ALL ELEVATIONS SHOWN ON THESE PLANS ARE ESTABLISHED FROM U.S.G.S. MEAN SEA LEVEL DATUM.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS, AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS 1-800-892-0123. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED.
5. THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. ALL UTILITY LOCATIONS SHOWN ARE SUPPLIED BY THE UTILITY COMPANIES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.
6. ALL SAW CUTS NECESSARY TO COMPLETE THE WORK DETAILED IN THESE PLANS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST FOR THE VARIOUS PAY ITEMS INVOLVED.
7. EXISTING SIGN PANELS MOUNTED ON EXISTING MAST ARMS AND SIGNAL POSTS SHALL BE RELOCATED ONTO PROPOSED MAST ARMS AND SIGNAL POSTS. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE PAY ITEMS FOR "STEEL MAST ARM, LENGTH" AND "TRAFFIC SIGNAL POST, ALUMINUM HEIGHT".
8. ACCESS OFF OF WABASH AVENUE INTO LOWES MUST BE MAINTAINED AT ALL TIMES DURING STORE OPERATING HOURS.
9. THE THICKNESSES OF CONCRETE MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE CONCRETE MIXTURE IS PLACED.

**COMMITMENTS:**

1. THE FIELD/RESIDENT ENGINEER SHALL CONTACT STUDIES AND PLANS COVERING ANY MAJOR PLAN CHANGES TO MAKE SURE NO PREVIOUS COMMITMENTS (NOT LISTED) WERE MADE AFFECTING THE DESIGN, AND TO ALLOW IMPROVED DESIGN FOR THE FUTURE.
2. During regular business hours, access to and from the Lowe's Parcel will be open and maintained at all times. All areas disturbed during construction will be graded, seeded, fertilized, and mulched, cost to be included in related traffic signal items.

DISTRICT SIX	
EXAMINED <u>December 1</u> 20 <u>14</u>	
<i>[Signature]</i>	
OPERATIONS ENGINEER	
EXAMINED <u>November 18</u> 20 <u>14</u>	
<i>[Signature]</i>	
PROJECT IMPLEMENTATION ENGINEER	
EXAMINED _____ 20 _____	
PROJECT IMPLEMENTATION ENGINEER	
EXAMINED <u>November 17</u> 20 <u>14</u>	
<i>[Signature]</i>	
PROGRAM DEVELOPMENT ENGINEER	



SUMMARY OF QUANTITIES

HSIP FUNDING

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	HSIP FUNDING	
				ROBBINS RD. 90%FED / 05%STATE / 05% CITY CONSTRUCTION CODE TRAFFIC SIGNALS 0021 URBAN	WEST WHITE OAKS DR. 90%FED / 05%STATE / 05% CITY CONSTRUCTION CODE TRAFFIC SIGNALS 0021 URBAN
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	1632	759	873
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	394	183	211
78200300	PRISMATIC CURB REFLECTOR	EACH	88	44	44
80500100	SERVICE INSTALLATION, TYPE A	EACH	2	1	1
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	9	9	
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	291	104	187
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	187	86	101
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	197	87	110
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	940	454	486
81400100	HANDHOLE	EACH	6	3	3
81400300	DOUBLE HANDHOLE	EACH	2	1	1
81400730	HANDHOLE, COMPOSITE CONCRETE	EACH	8	4	4
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	579	579	
<del>82103400</del>	<del>LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 400 WATT</del>	<del>EACH</del>	<del>2</del>	<del>2</del>	
82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	2	2	

14

\* SPECIALTY ITEM

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	HSIP FUNDING	
				ROBBINS RD.	WEST WHITE OAKS DR.
				90%FED / 05%STATE / 05%CITY CONSTRUCTION CODE TRAFFIC SIGNALS	90%FED / 05%STATE / 05%CITY CONSTRUCTION CODE TRAFFIC SIGNALS
				0021 URBAN	0021 URBAN
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	2	1	1
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	2	1	1
86400100	TRANSCEIVER - FIBER OPTIC	EACH	2	1	1
87100020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	3709	1707	2002
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	5626	2714	2912
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2133	1041	1092
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	4391	2081	2310
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1665	794	871
87301265	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 9C	FOOT	1864	901	963
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	2423	1182	1241
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	66	30	36
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1624	740	884
87502640	TRAFFIC SIGNAL POST, ALUMINUM 10 FT.	EACH	8	4	4
87502690	TRAFFIC SIGNAL POST, ALUMINUM 15 FT.	EACH	2	1	1

14

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	HSIP FUNDING	
				ROBBINS RD.	WEST WHITE OAKS DR.
				90%FED / 05%STATE / 05%CITY CONSTRUCTION CODE	90%FED / 05%STATE / 05%CITY CONSTRUCTION CODE
				TRAFFIC SIGNALS 0021 URBAN	TRAFFIC SIGNALS 0021 URBAN
87502700	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	6	3	3
87602000	PEDESTRIAN PUSH BUTTON POST	EACH	7	3	4
87700250	STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	1		1
87700270	STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	2	2	
87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1		1
87700300	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1		1
87700400	STEEL MAST ARM ASSEMBLY AND POLE, 60 FT.	EACH	1		1
87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1	1	
87703040	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 62 FT.	EACH	1	1	
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	48	24	24
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	7	3.5	3.5
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	119.5	58	61.5
87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	44.5	22	22.5
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	13	6	7

14

SUMMARY OF QUANTITIES

PPS # 6-00363-0000

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	HSIP FUNDING	
				ROBBINS RD.	WEST WHITE OAKS DR.
				90%FED / 05%STATE / 05%CITY CONSTRUCTION CODE TRAFFIC SIGNALS	90%FED / 05%STATE / 05%CITY CONSTRUCTION CODE TRAFFIC SIGNALS
				0021 URBAN	0021 URBAN
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	8	4	4
88040250	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED	EACH	2	1	1
88040280	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-4 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	2	1	1
88040317	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 1-3-SECTION, 1-4-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	2	1	1
88040320	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 1-4-SECTION, 2-5-SECTION, BRACKET MOUNTED	EACH	2	1	1
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8	4	4
88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4	2	2
88102757	PEDESTRIAN SIGNAL HEAD, LED, 3-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4	2	2
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	41	20	21
88800100	PEDESTRIAN PUSH-BUTTON	EACH	28	14	14
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	2	1	1
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	3603	1674	1929
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	51	23	28
89502380	REMOVE EXISTING HANDHOLE	EACH	8	3	5

14







CONCRETE RAISED ISLAND WORK								
LOCATION OF ISLAND	COMBINATION CURB AND GUTTER REMOVAL	CONCRETE MEDIAN SURFACE REMOVAL	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	CONCRETE MEDIAN SURFACE, 4"	EARTH EXCAVATION (AVG. DEPTH=4")	SUB-BASE GRANULAR MATERIAL, TYPE B (AVG. DEPTH = 4")	DETECTABLE WARNINGS
	44000500 (FOOT)	X4402020 (SQ FT)	60603500 (FOOT)	60605000 (FOOT)	60618300 (SQ FT)	20200100 (CU YD)	31101200 (TON)	42400800 (EACH)
<b>ROBBINS ROAD / WABASH AVENUE</b>								
NORTHWEST ISLAND	66.5	151.7	23.0	43.5	156.6	3.7	7.6	20
NORTHEAST ISLAND	76.0	223.8	28.5	47.5	219.3	4.7	9.6	30
SOUTHWEST ISLAND	61.0	136.9	22.0	39.0	133.9	3.3	6.7	20
SOUTHEAST ISLAND	82.3	269.8	31.0	51.3	268.8	5.4	11.1	30
<b>SUB TOTALS:</b>	<b>285.8</b>	<b>782.2</b>	<b>104.5</b>	<b>181.3</b>	<b>778.6</b>	<b>17.1</b>	<b>35.0</b>	<b>100.0</b>
<b>WEST WHITE OAKS DRIVE / WABASH AVENUE</b>								
NORTHWEST ISLAND	81.6	270.8	31.2	50.4	268.7	5.4	11.1	20
NORTHEAST ISLAND	106.7	434.1	40.0	66.7	449.5	8.2	16.8	30
SOUTHWEST ISLAND	77.5	249.9	28.8	48.7	253.0	5.3	10.9	20
SOUTHEAST ISLAND	88.0	310.3	32.9	55.1	314.5	5.9	12.1	30
<b>SUB TOTALS:</b>	<b>353.8</b>	<b>1,265.1</b>	<b>132.9</b>	<b>220.9</b>	<b>1,285.7</b>	<b>24.8</b>	<b>50.9</b>	<b>100.0</b>
<b>TOTALS =</b>	<b>639.6</b>	<b>2,047.3</b>	<b>237.4</b>	<b>402.2</b>	<b>2,064.3</b>	<b>41.9</b>	<b>85.9</b>	<b>200.0</b>

CONCRETE RAISED ISLAND MARKINGS			
LOCATION OF ISLAND	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	THERMOPLASTIC PAVEMENT MARKING - LINE 12" *	PRISMATIC CURB REFLECTOR
	78000500 ( FOOT)	78000600 ( FOOT)	78200200 ( EACH, CRYSTAL)
<b>ROBBINS ROAD / WABASH AVENUE</b>			
NORTHWEST ISLAND	153.7	27.0	11
NORTHEAST ISLAND	222.4	43.0	11
SOUTHWEST ISLAND	196.5	70.0	11
SOUTHEAST ISLAND	186.6	43.0	11
<b>SUB TOTALS:</b>	<b>759.2</b>	<b>183.0</b>	<b>44</b>
<b>WEST WHITE OAKS DRIVE / WABASH AVENUE</b>			
NORTHWEST ISLAND	183.6	33.0	11
NORTHEAST ISLAND	280.1	80.0	11
SOUTHWEST ISLAND	168.6	33.0	11
SOUTHEAST ISLAND	240.0	65.0	11
<b>SUB TOTALS:</b>	<b>872.3</b>	<b>211.0</b>	<b>44</b>
<b>TOTALS =</b>	<b>1,631.5</b>	<b>394.0</b>	<b>88</b>

TRAFFIC SIGNAL QUANTITIES

ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	QUANTITY WABASH AVENUE & ROBBINS ROAD	QUANTITY WABASH AVENUE & W WHITE OAKS DRIVE
80500100	SERVICE INSTALLATION, TYPE A	EACH	2	1	1
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	9	9	-
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	291	104	187
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	187	86	101
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	197	87	110
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	940	454	486
81400100	HANDHOLE	EACH	6	3	3
81400300	DOUBLE HANDHOLE	EACH	2	1	1
81400730	HANDHOLE, COMPOSITE CONCRETE	EACH	8	4	4
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	579	579	-
82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	2	2	-
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	2	1	1
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	2	1	1
86400100	TRANSCEIVER - FIBER OPTIC	EACH	2	1	1
87100020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	3,709	1,707	2,002
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	5,626	2,714	2,912
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2,133	1,041	1,092
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	4,391	2,081	2,310
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,664	794	871
87301265	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 9C	FOOT	1,864	901	963
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	2,423	1,182	1,241
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	66	30	36
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1,624	740	884
87502640	TRAFFIC SIGNAL POST, ALUMINUM 10 FT.	EACH	8	4	4
87502690	TRAFFIC SIGNAL POST, ALUMINUM 15 FT.	EACH	2	1	1
87502700	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	6	3	3
87602000	PEDESTRIAN PUSH-BUTTON POST	EACH	7	3	4
87700250	STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	1	-	1
87700270	STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	2	2	-
87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1	-	1
87700300	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1	-	1
87700400	STEEL MAST ARM ASSEMBLY AND POLE, 60 FT.	EACH	1	-	1
87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1	1	-
87703040	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 62 FT.	EACH	1	1	-
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	48	24	24
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	7	3.5	3.5
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	119.5	58	61.5
87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	44.5	22	22.5
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	13	6	7
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	8	4	4
88040250	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED	EACH	2	1	1
88040280	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-4 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	2	1	1
88040317	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 1-3-SECTION, 1-4-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	2	1	1
88040320	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 1-4-SECTION, 2-5-SECTION, BRACKET MOUNTED	EACH	2	1	1
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8	4	4
88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4	2	2
88102757	PEDESTRIAN SIGNAL HEAD, LED, 3-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4	2	2
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	41	20	21
88800100	PEDESTRIAN PUSH-BUTTON	EACH	28	14	14
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	2	1	1
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	3,603	1,674	1,929
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	51	23	28
89502380	REMOVE EXISTING HANDHOLE	EACH	8	3	5
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	3	2	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	11	5	6
X0322765	RELOCATE VIDEO VEHICLE DETECTION SYSTEM	EACH	1	1	-
X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1	1	-
Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	4	-	4
Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	1	-	1

NOTE: ITEM NUMBER FOR INFORMATION ONLY

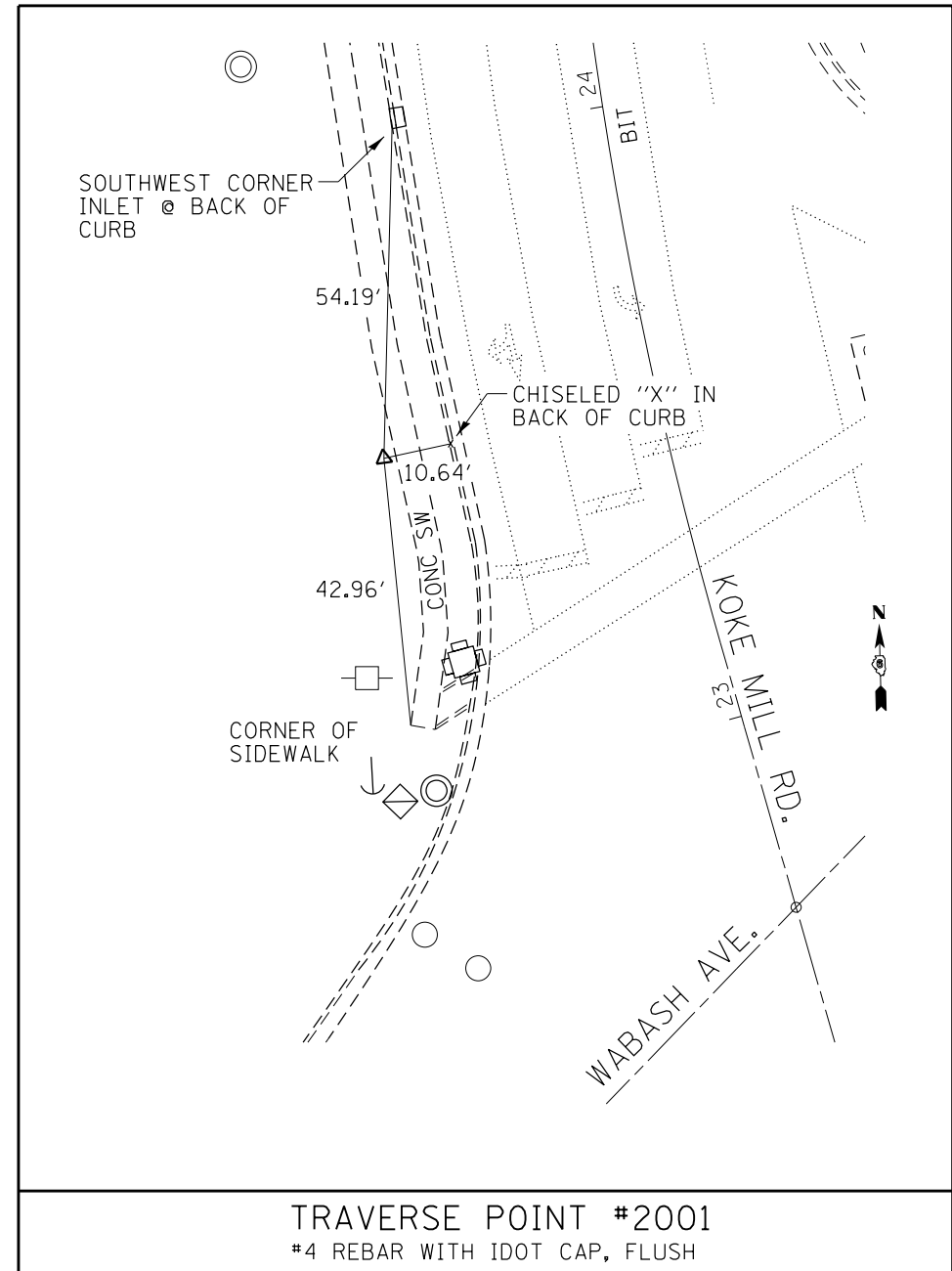
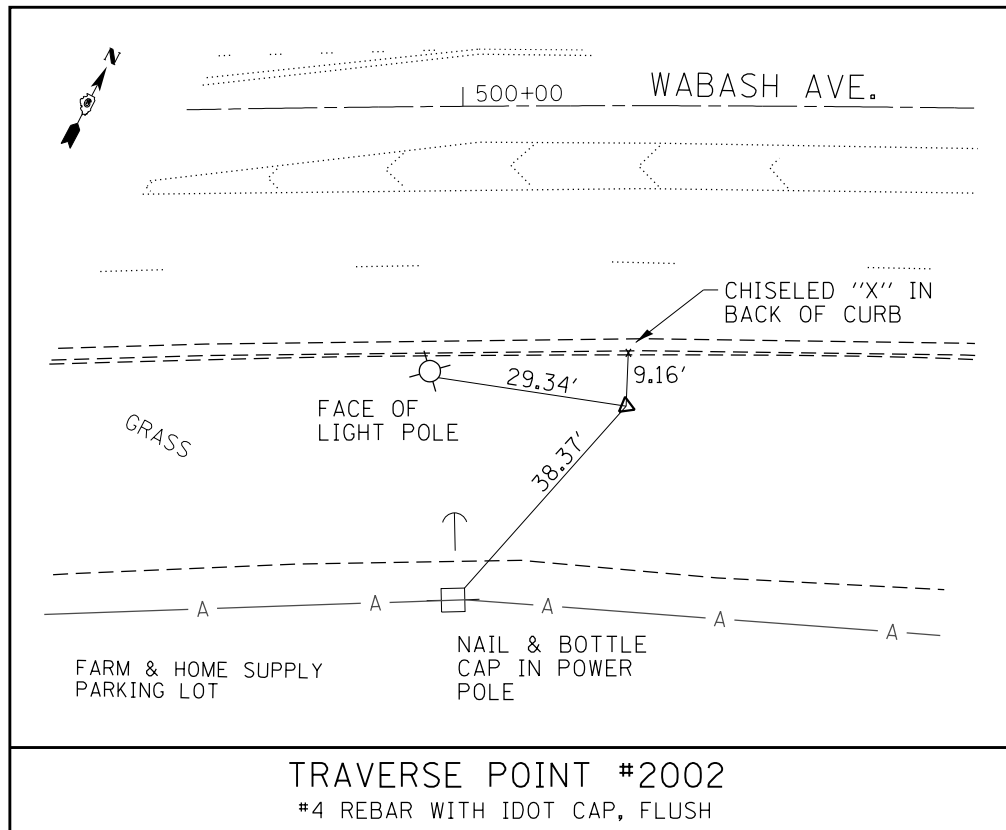
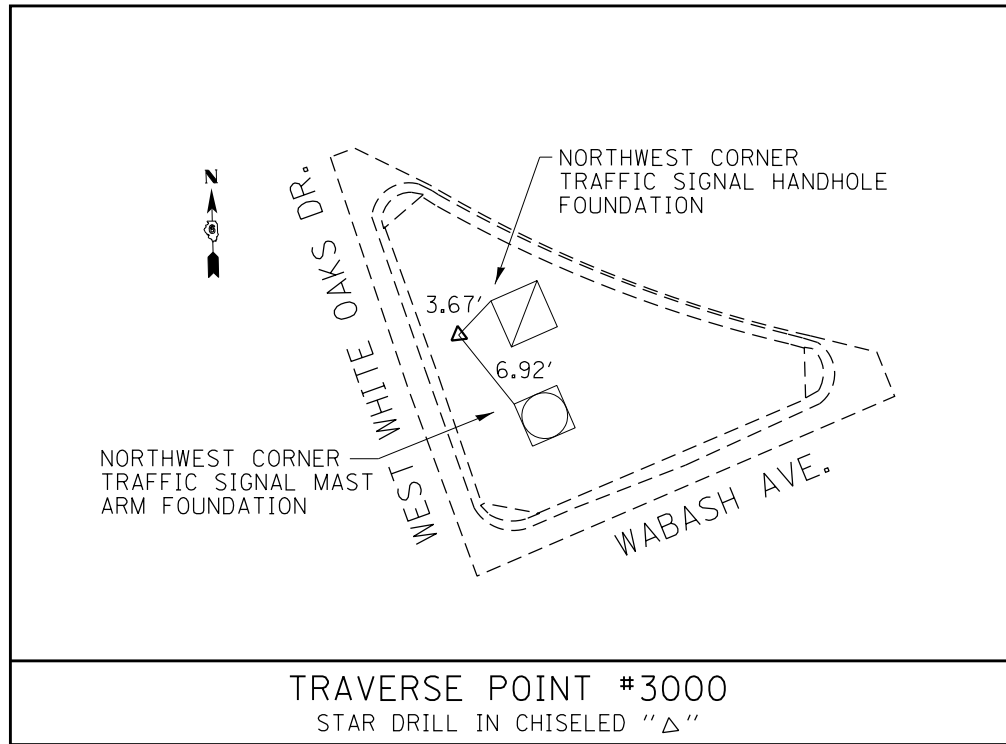
FILE NAME =	USER NAME = Slegiert	DESIGNED - DMS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULES OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\pidot\slegiert\d0406986\0672\h33-sht-schedule.dgn		DRAWN - DMS	REVISED -					664	(2)TS-3	SANGAMON	38	10
Default	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -		SCALE:	SHEET 2 OF 2 SHEETS	STA.	TO STA.	CONTRACT NO. 72H33			
	PLOT DATE = Mar-05-2015 01:50:14PM	DATE - 12/2/2014	REVISED -		ILLINOIS FED. AID PROJECT							

Wabash Ave. Centerline Control			
TYPE	STATION	NORTHING	EASTING
P.T.	482+00.56	1126625.051	2423343.058
P.C.	488+74.48	1127109.982	2423343.058
P.C.C.	504+99.99	1128008.566	2425150.944
P.T.	510+55.46	1128152.666	2425686.119
P.O.T.	513+47.82	1128195.701	2425975.299
P.C.	516+41.58	1128238.940	2426265.858
P.T.	521+74.15	1128280.401	2426796.378

Robbins Rd. Centerline control			
TYPE	STATION	NORTHING	EASTING
P.O.T.	7+87.13	1127351.013	2424406.112
P.O.T.	10+00.00	1127522.532	2424280.037
P.O.T.	11+83.31	1127670.235	2424171.469

West White Oaks Dr. Centerline Control			
TYPE	STATION	NORTHING	EASTING
P.O.T.	91+18.21	1127145.638	2425372.497
P.I.	94+68.21	1127469.145	2425238.917
P.O.T.	100+00.00	1127960.680	2425035.954
P.C.	100+32.05	1127990.304	2425023.722
P.T.	101+52.59	1128104.468	2424985.303
P.O.T.	102+82.60	1128230.179	2424952.178
P.C.	103+86.14	1128330.309	2424925.793
P.T.	106+13.25	1128554.784	2424895.309
P.O.T.	109+05.31	1128846.822	2424891.716

BENCH MARKS	
BM TA-2	Set chiseled "+" in south bolt of fire hydrant between old Circuit City building and Thortons Gas Station, approximately 150' north of Wabash Ave. NAVD 88 = 609.691 Lat. = 39°-45'-48.3" Long. = 89°-42'-40.0"
BM TA-3	Set Chiseled "□" center of culvert, north headwall, under Wabash Ave. between Koke Mill Rd. and Robbins Rd., south of Lowes Hardware Store. NAVD 88 = 600.616 Lat. = 39°-45'-40.3" Long. = 89°-42'-50.5"
BM CB-12	Set chiseled "□" on center concrete traffic signal on south side of northeast island of intersection, West White Oaks Dr. & Wabash Ave. Elevation = 608.654
BM JK-1	Chiseled "+" in southeast bolt of eastern most light pole in Denny's Jewelers parking lot. NAVD 88 = 606.739
BM JK-2	Chiseled "□" in northeast corner concrete foundation of north leg of Shopko Sign. NAVD 88 = 603.509
BM JK-2A	Found Chiseled "+" in morthwest bolt of fire hydrant behind Party City, east side of West White Oaks Drive, approximately 1800ft. South of Wabash Ave. NAVD 88 = 600.202



Station and Offset for Traverse Stations along Wabash					
POINT#	NORTHING	EASTING	STATION	OFFSET	DESCRIPTION
2001	1126826.180	2423402.210	483+86.36	97.11 LT	TRAVERSE STATION
2002	1127763.090	2424742.295	500+22.38	47.78 RT	TRAVERSE STATION
3000	1128021.762	2425051.660	504+13.72	49.92 RT	TRAVERSE STATION

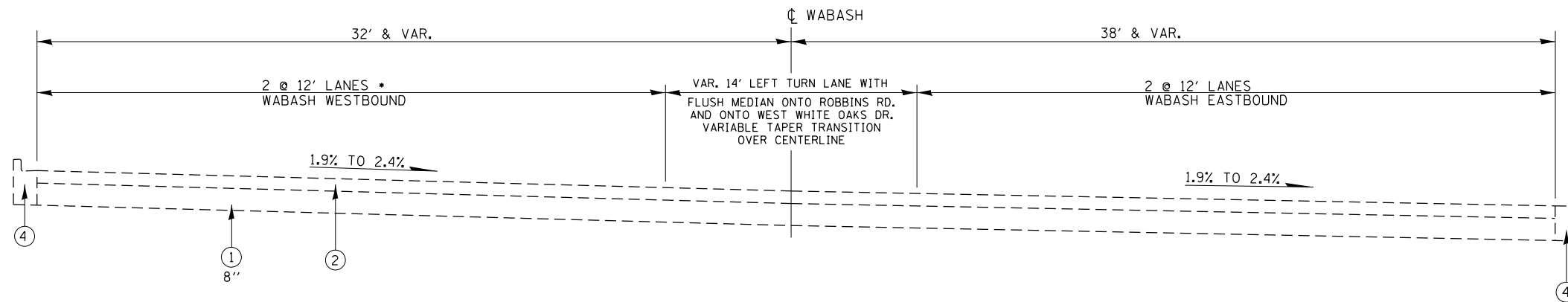
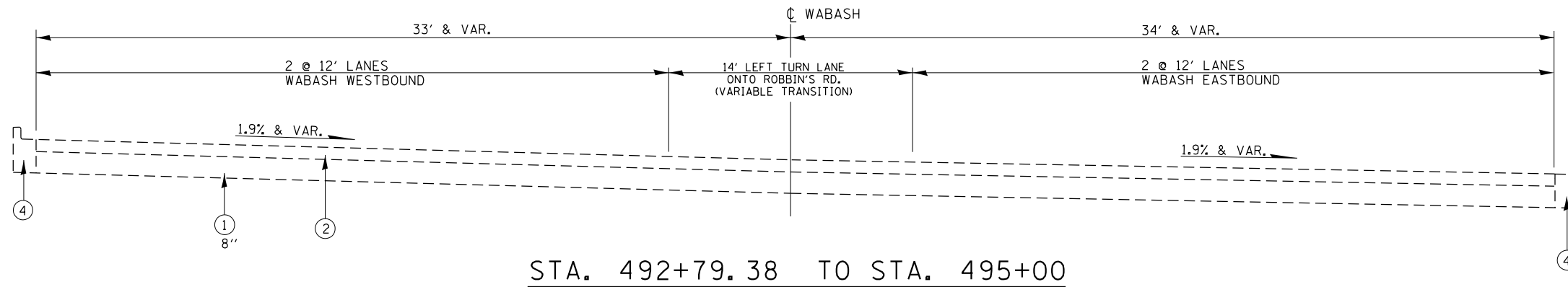
FILE NAME =	USER NAME = pricesa	DESIGNED - RTS	REVISED -
ct:\pw\work\p\dot\pricesa\d0406986\0672433-sht-ATB.dgn		DRAWN - RTS	REVISED -
Default	PLOT SCALE = 60.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = Jan-29-2015 09:39:27AM	DATE - 12-05-2014	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

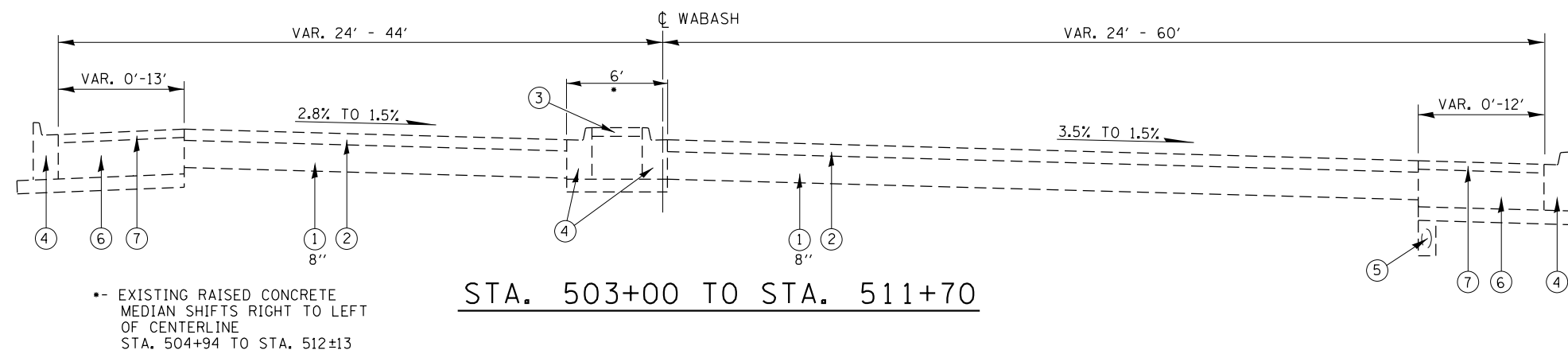
**TRAVERSE POINTS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
664	(21) TS-3	SANGAMON	38	12
CONTRACT NO. 72H33				
ILLINOIS FED. AID PROJECT				



\* WABASH AVENUE-WESTBOUND RIGHT TURN LANE  
STA. 495+50.00 TO 500+23.00



-- EXISTING RAISED CONCRETE  
MEDIAN SHIFTS RIGHT TO LEFT  
OF CENTERLINE  
STA. 504+94 TO STA. 512±13

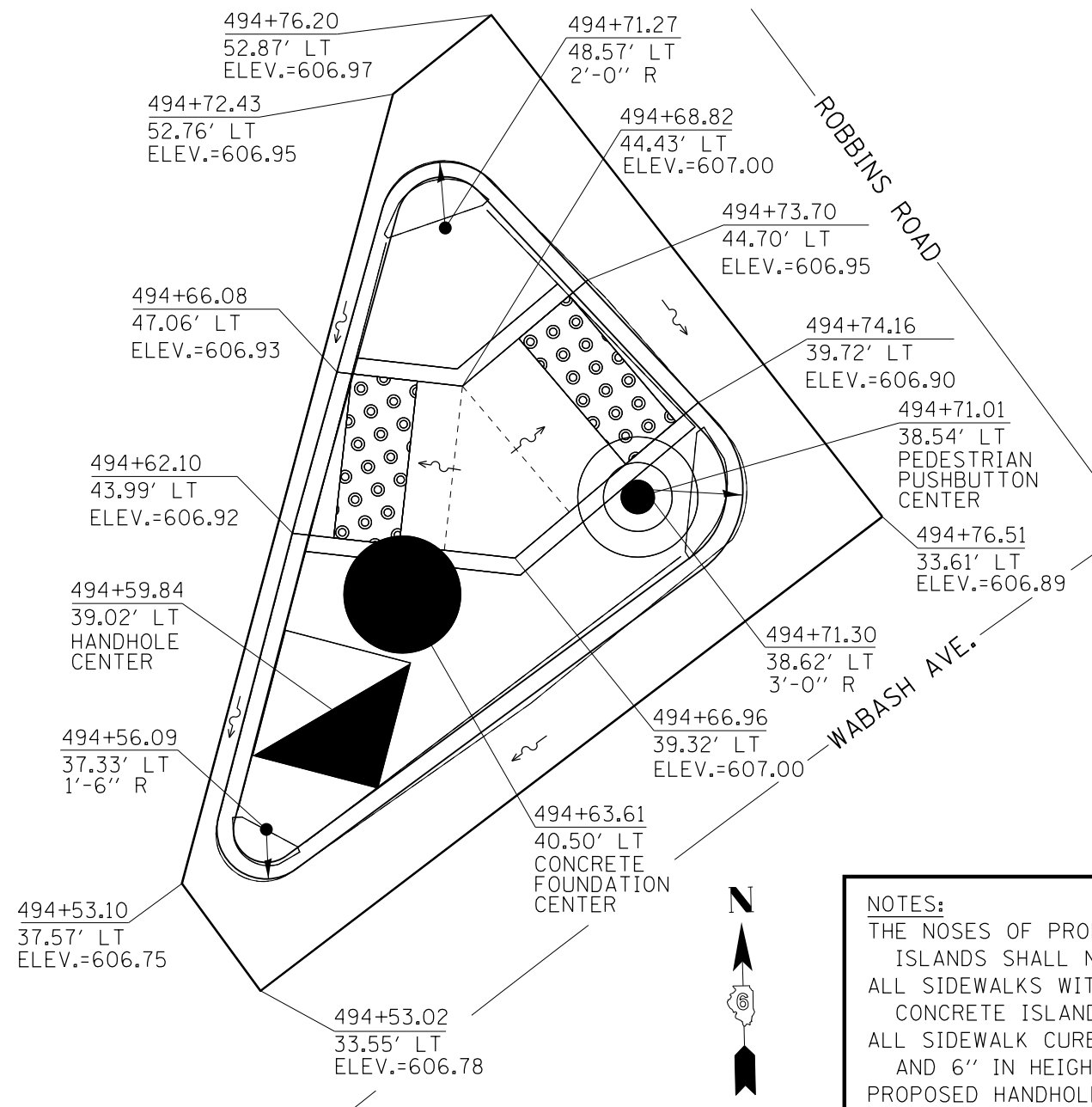
**EXISTING LEGEND**

- ① PCC PAVEMENT
- ② HMA SURFACE, 3 1/2" MINIMUM & VARIABLE
- ③ CONCRETE MEDIAN
- ④ COMBINATION CONCRETE CURB & GUTTER
- ⑤ PIPE UNDERDRAIN
- ⑥ P.C.C. BASE COURSE, 11"
- ⑦ HMA SURFACE, 2 1/4"

FOR INFORMATIONAL PURPOSES ONLY

NOT TO SCALE

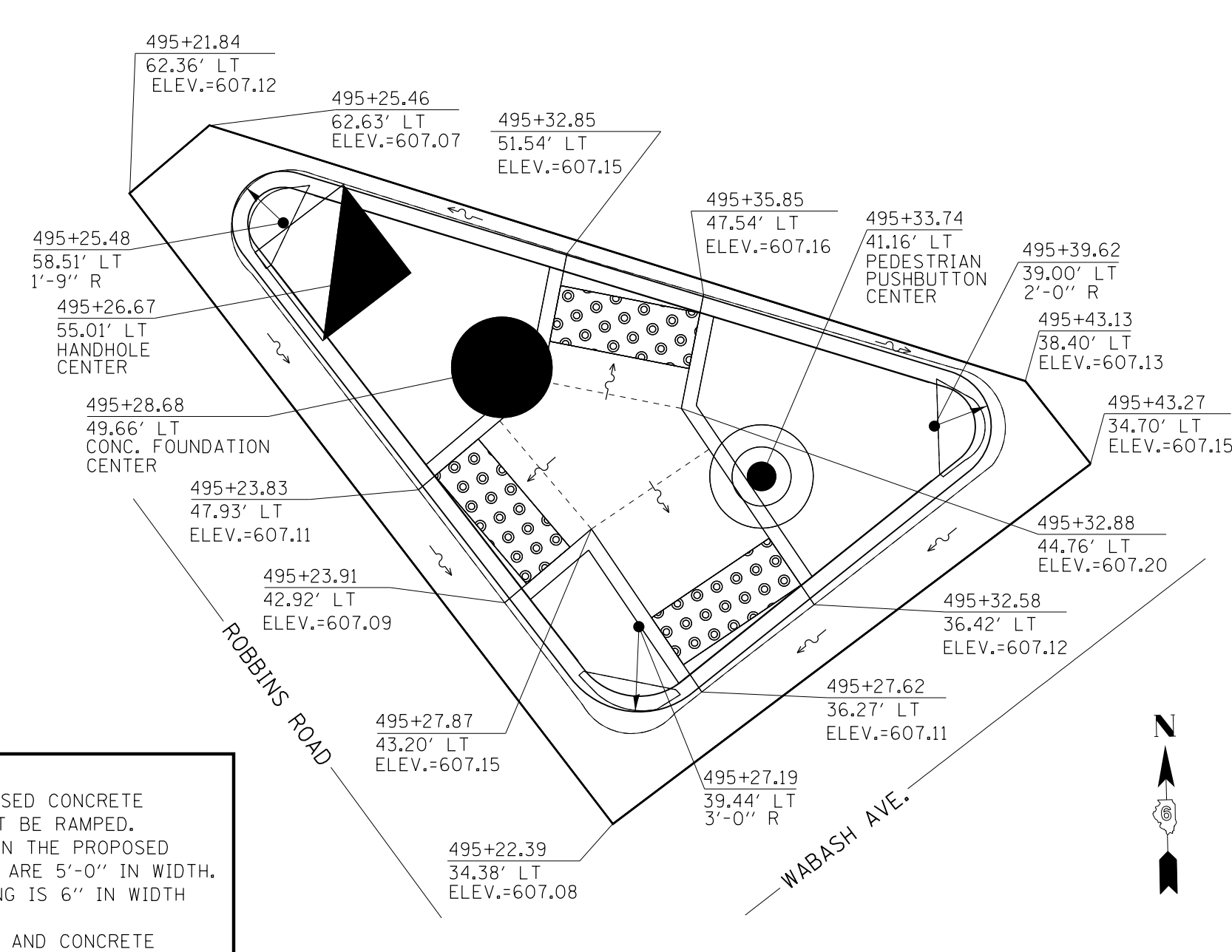
FILE NAME =	USER NAME = pricesa	DESIGNED - RTS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL CROSS SECTIONS WABASH AVENUE</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
Default	ct:\pw\work\p\midot\pricesa\d0406986\0672433-sht-typical.dgn	DRAWN - RTS	REVISED -		SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.	664	(21) TS-3	SANGAMON	38	13
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -												
	PLOT DATE = Jan-29-2015 09:39:28AM	DATE - 11-18-2014	REVISED -												
											CONTRACT NO. 72H33		ILLINOIS FED. AID PROJECT		



**EXISTING RAISED CONCRETE ISLAND REMOVAL ITEMS:**  
 COMBINATION CONCRETE CURB & GUTTER REMOVAL = 66.5 FT  
 CONCRETE MEDIAN SURFACE REMOVAL = 151.7 SQ FT  
 EARTH EXCAVATION (AVG. DEPTH OF 4" UNDER MEDIAN, 4" UNDER C&G) = 3.7 CU YD

**PROPOSED RAISED CONCRETE ISLAND ITEMS:**  
 SUB-BASE GRANULAR MATERIAL, TYPE B (DEPTH = 4") = 7.6 TONS  
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B 6.06 = 23.0 FT  
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B 6.24 = 43.5 FT  
 CONCRETE MEDIAN SURFACE, 4" = 156.6 SQ FT

**WABASH AVENUE & ROBBINS ROAD  
 NORTHWEST ISLAND**  
 (EXISTING RAISED CONCRETE ISLAND TO BE REMOVED AND REPLACED)



**EXISTING RAISED CONCRETE ISLAND REMOVAL ITEMS:**  
 COMBINATION CONCRETE CURB & GUTTER REMOVAL = 76.0 FT  
 CONCRETE MEDIAN SURFACE REMOVAL = 223.8 SQ FT  
 EARTH EXCAVATION (AVG. DEPTH OF 4" UNDER MEDIAN, 4" UNDER C&G) = 4.7 CU YD

**PROPOSED RAISED CONCRETE ISLAND ITEMS:**  
 SUB-BASE GRANULAR MATERIAL, TYPE B (DEPTH = 4") = 9.6 TONS  
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B 6.06 = 28.5 FT  
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B 6.24 = 47.5 FT  
 CONCRETE MEDIAN SURFACE, 4" = 219.3 SQ FT

**WABASH AVENUE & ROBBINS ROAD  
 NORTHEAST ISLAND**  
 (EXISTING RAISED CONCRETE ISLAND TO BE REMOVED AND REPLACED)

**NOTES:**  
 THE NOSES OF PROPOSED CONCRETE ISLANDS SHALL NOT BE RAMPED.  
 ALL SIDEWALKS WITHIN THE PROPOSED CONCRETE ISLANDS ARE 5'-0" IN WIDTH.  
 ALL SIDEWALK CURBING IS 6" IN WIDTH AND 6" IN HEIGHT.  
 PROPOSED HANDHOLES AND CONCRETE SIGNAL FOUNDATION SYMBOLS AS SHOWN ARE NOT TO SCALE, HOWEVER, CENTER-LINE CALL-OUTS FOR THESE ITEMS ARE DEEMED ACCURATE.

----- = SUGGESTED SIDEWALK JOINT  
 ~~~~~ = PROPOSED DRAINAGE FLOW

|                                                           |                                    |                   |           |
|-----------------------------------------------------------|------------------------------------|-------------------|-----------|
| FILE NAME =                                               | USER NAME = pricesa                | DESIGNED - RTS    | REVISED - |
| ca:\pwwork\pwwork\pricesa\d0406986\0672433-sht-island.dgn |                                    | DRAWN - RTS       | REVISED - |
| Default                                                   | PLOT SCALE = 40.0000' / in.        | CHECKED -         | REVISED - |
|                                                           | PLOT DATE = Jan-29-2015 09:39:32AM | DATE - 09-03-2014 | REVISED - |

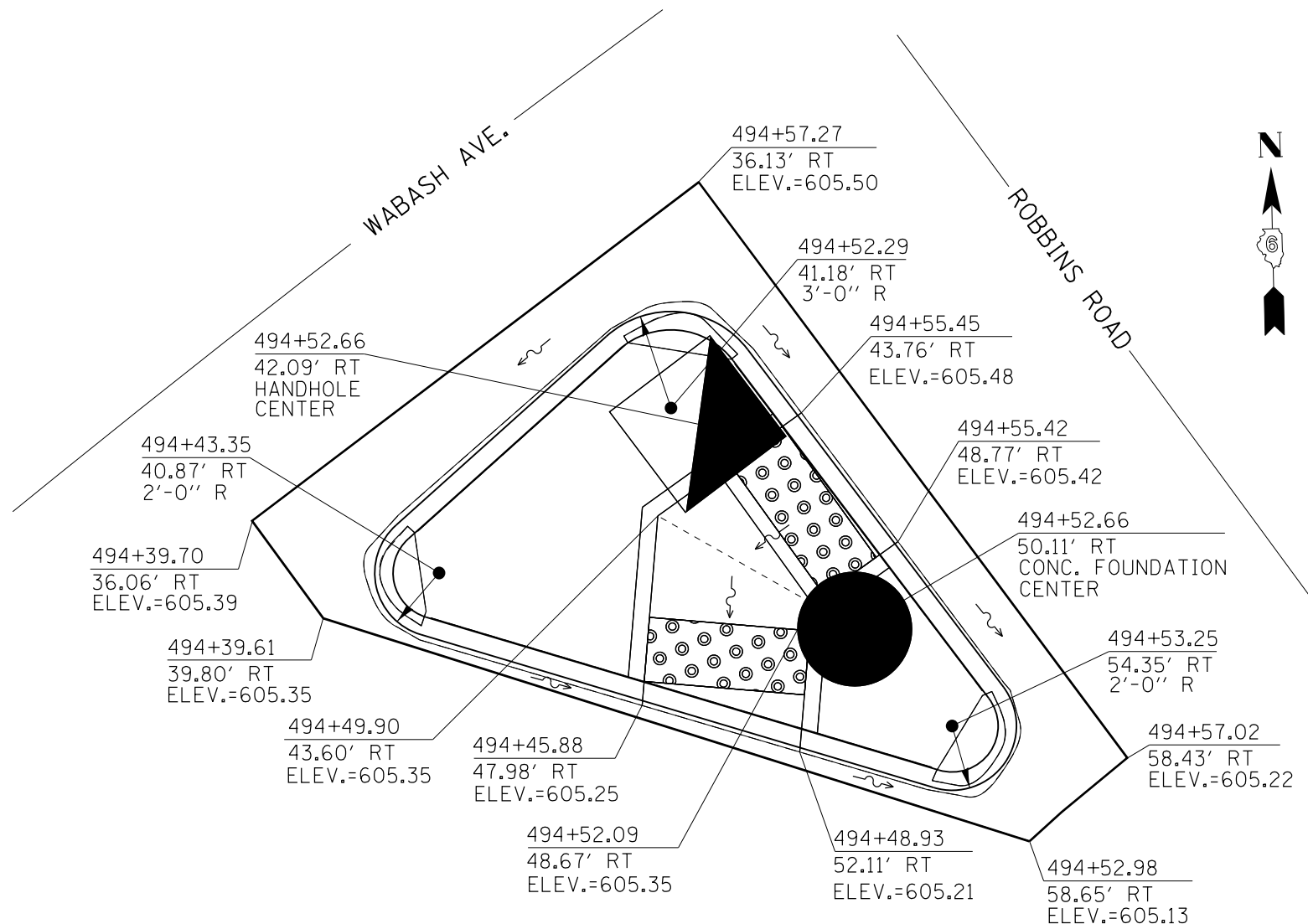
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

|                                                              |                                  |
|--------------------------------------------------------------|----------------------------------|
| <b>CONCRETE ISLAND DETAILS<br/>(ROBBINS RD./WABASH AVE.)</b> |                                  |
| SCALE:                                                       | SHEET 1 OF 7 SHEETS STA. TO STA. |

|                           |          |          |              |           |
|---------------------------|----------|----------|--------------|-----------|
| F.A.P. RTE.               | SECTION  | COUNTY   | TOTAL SHEETS | SHEET NO. |
|                           | (21)TS-3 | SANGAMON | 38           | 14        |
| CONTRACT NO. 72H33        |          |          |              |           |
| ILLINOIS FED. AID PROJECT |          |          |              |           |

EXISTING RAISED CONCRETE ISLAND REMOVAL ITEMS:  
 COMBINATION CONCRETE CURB & GUTTER REMOVAL = 61.0 FT  
 CONCRETE MEDIAN SURFACE REMOVAL = 136.9 SQ FT  
 EARTH EXCAVATION (AVG. DEPTH OF 4" UNDER MEDIAN,  
 4" UNDER C&G) = 3.3 CU YD

PROPOSED RAISED CONCRETE ISLAND ITEMS:  
 SUB-BASE GRANULAR MATERIAL, TYPE B  
 (DEPTH = 4") = 6.7 TONS  
 COMBINATION CONCRETE CURB AND GUTTER,  
 TYPE B 6.06 = 22.0 FT  
 COMBINATION CONCRETE CURB AND GUTTER,  
 TYPE B 6.24 = 39.0 FT  
 CONCRETE MEDIAN SURFACE, 4" = 133.9 SQ FT



**NOTES:**

THE NOSES OF PROPOSED CONCRETE ISLANDS SHALL NOT BE RAMPED.  
 ALL SIDEWALKS WITHIN THE PROPOSED CONCRETE ISLANDS ARE 5'-0" IN WIDTH.  
 ALL SIDEWALK CURBING IS 6" IN WIDTH AND 6" IN HEIGHT.  
 PROPOSED HANDHOLES AND CONCRETE SIGNAL FOUNDATION SYMBOLS AS SHOWN ARE NOT TO SCALE, HOWEVER, CENTER-LINE CALL-OUTS FOR THESE ITEMS ARE DEEMED ACCURATE.

- - - - = SUGGESTED SIDEWALK JOINT
- ~ ~ ~ ~ = PROPOSED DRAINAGE FLOW

**WABASH AVENUE & ROBBINS ROAD  
 SOUTHWEST ISLAND**

(EXISTING RAISED CONCRETE ISLAND TO BE REMOVED AND REPLACED)

|                                                           |                                    |                   |           |                                                           |                                                              |             |                           |         |        |              |           |
|-----------------------------------------------------------|------------------------------------|-------------------|-----------|-----------------------------------------------------------|--------------------------------------------------------------|-------------|---------------------------|---------|--------|--------------|-----------|
| FILE NAME =                                               | USER NAME = pricesa                | DESIGNED - RTS    | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>CONCRETE ISLAND DETAILS<br/>(ROBBINS RD./WABASH AVE.)</b> |             | F.A.P. RTE.               | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| ct:\pw\work\p\dot\pricesa\d0406986\0672433-sht-island.dgn | DRAWN - RTS                        | REVISED -         | (21)TS-3  |                                                           |                                                              |             | SANGAMON                  | 38      | 15     |              |           |
| Default                                                   | PLOT SCALE = 40.0000' / in.        | CHECKED -         | REVISED - |                                                           |                                                              |             | CONTRACT NO. 72H33        |         |        |              |           |
|                                                           | PLOT DATE = Jan-29-2015 09:39:34AM | DATE - 09-03-2014 | REVISED - |                                                           |                                                              |             | ILLINOIS FED. AID PROJECT |         |        |              |           |
|                                                           |                                    |                   |           | SCALE:                                                    | SHEET 2                                                      | OF 7 SHEETS | STA.                      | TO STA. |        |              |           |

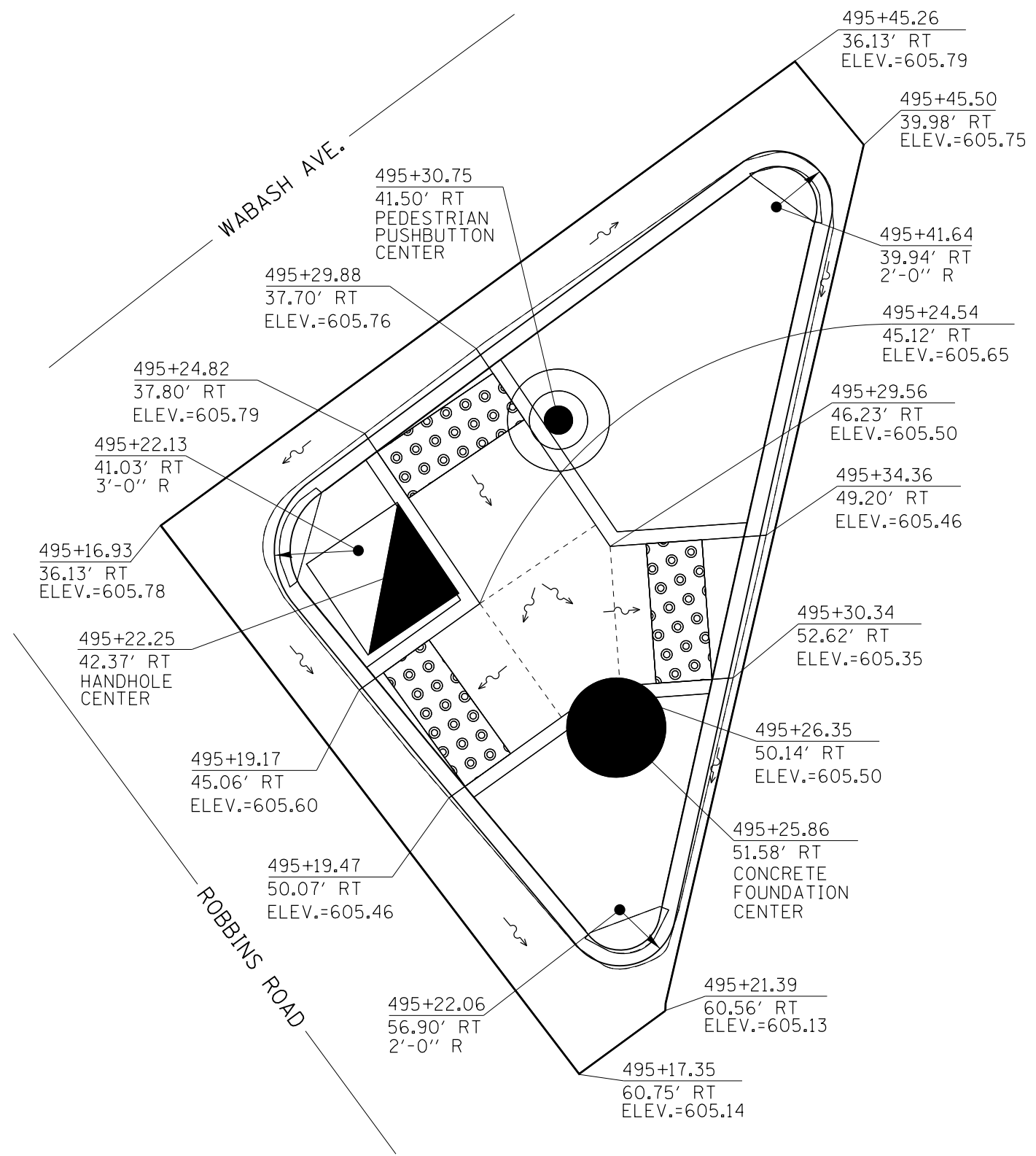


EXISTING RAISED CONCRETE ISLAND REMOVAL ITEMS:  
 COMBINATION CONCRETE CURB & GUTTER REMOVAL = 82.3 FT  
 CONCRETE MEDIAN SURFACE REMOVAL = 269.8 SQ FT  
 EARTH EXCAVATION (AVG. DEPTH OF 4" UNDER MEDIAN,  
 4" UNDER C&G) = 5.4 CU YD

PROPOSED RAISED CONCRETE ISLAND ITEMS:  
 SUB-BASE GRANULAR MATERIAL, TYPE B  
 (DEPTH = 4") = 11.1 TONS  
 COMBINATION CONCRETE CURB AND GUTTER,  
 TYPE B 6.06 = 31.0 FT  
 COMBINATION CONCRETE CURB AND GUTTER,  
 TYPE B 6.24 = 51.3 FT  
 CONCRETE MEDIAN SURFACE, 4" = 268.8 SQ FT

**NOTES:**  
 THE NOSES OF PROPOSED CONCRETE ISLANDS SHALL NOT BE RAMPED.  
 ALL SIDEWALKS WITHIN THE PROPOSED CONCRETE ISLANDS ARE 5'-0" IN WIDTH.  
 ALL SIDEWALK CURBING IS 6" IN WIDTH AND 6" IN HEIGHT.  
 PROPOSED HANDHOLES AND CONCRETE SIGNAL FOUNDATION SYMBOLS AS SHOWN ARE NOT TO SCALE, HOWEVER, CENTER-LINE CALL-OUTS FOR THESE ITEMS ARE DEEMED ACCURATE.

----- = SUGGESTED SIDEWALK JOINT  
 ~~~~~ = PROPOSED DRAINAGE FLOW



**WABASH AVENUE & ROBBINS ROAD**  
**SOUTHEAST ISLAND**  
 (EXISTING RAISED CONCRETE ISLAND TO BE REMOVED AND REPLACED)

|             |   |                   |           |   |  |                     |             |         |         |              |           |    |
|-------------|---|-------------------|-----------|---|--|---------------------|-------------|---------|---------|--------------|-----------|----|
| FILE NAME = | USER NAME = pricesa                                       | DESIGNED - RTS    | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>CONCRETE ISLAND DETAILS<br/>(ROBBINS RD./WABASH AVE.)</b> |                     | F.A.P. RTE. | SECTION | COUNTY  | TOTAL SHEETS | SHEET NO. |    |
| Default     | et:\pw\work\p\dot\pricesa\d0406986\0672433-sht-island.dgn | DRAWN - RTS       | REVISED - |   | SCALE:   | SHEET 3 OF 7 SHEETS | STA.        | TO STA. | (2)TS-3 | SANGAMON     | 38        | 16 |
|             | PLOT SCALE = 40.0000' / in.                               | CHECKED -         | REVISED - |   | CONTRACT NO. 72H33   |                     |             |         |         |              |           |    |
|             | PLOT DATE = Jan-29-2015 09:39:35AM                        | DATE - 09-03-2014 | REVISED - |   | ILLINOIS FED. AID PROJECT                                    |                     |             |         |         |              |           |    |

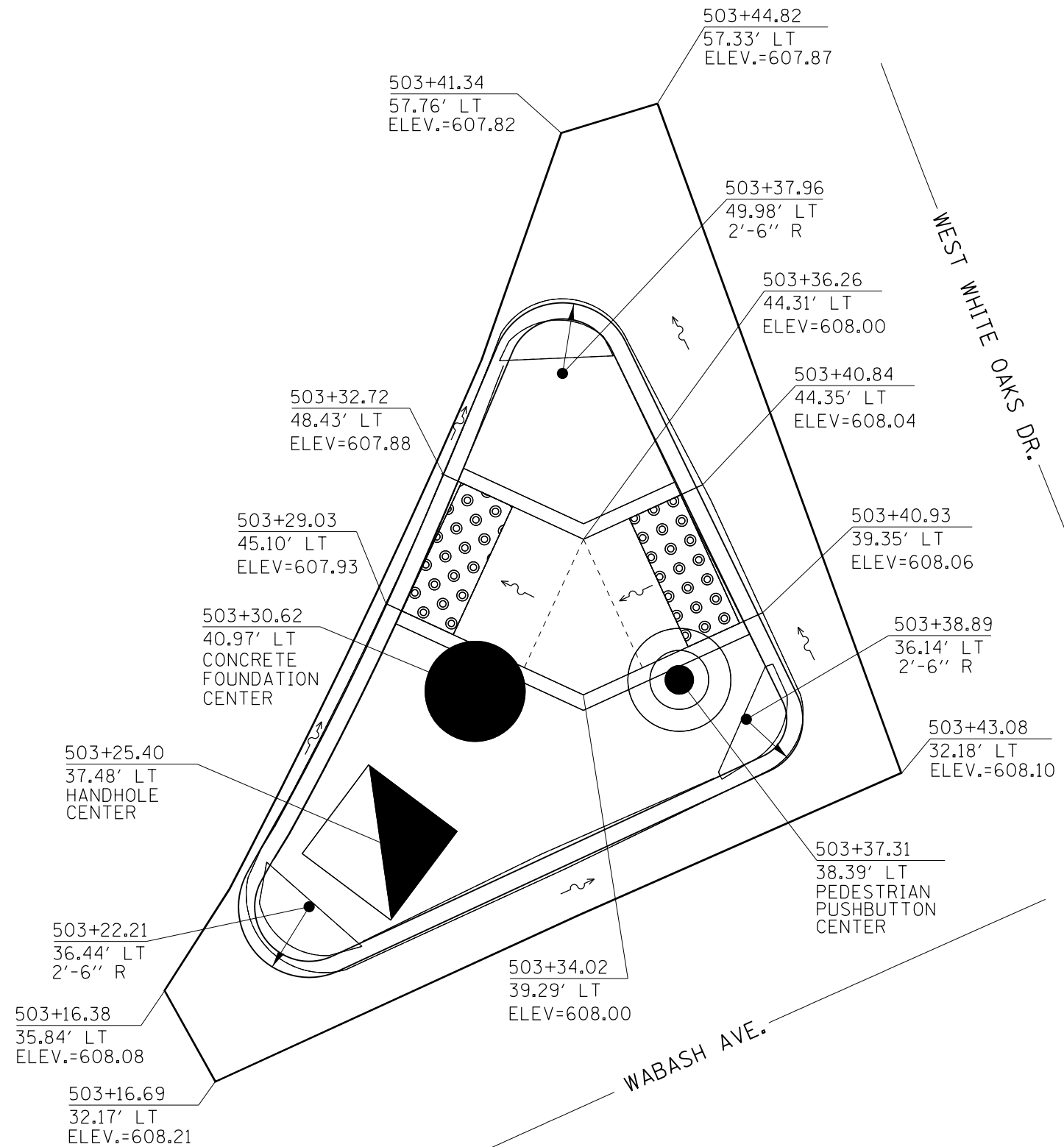
EXISTING RAISED CONCRETE ISLAND REMOVAL ITEMS:  
 COMBINATION CONCRETE CURB & GUTTER REMOVAL = 81.6 FT  
 CONCRETE MEDIAN SURFACE REMOVAL = 270.8 SQ FT  
 EARTH EXCAVATION (AVG. DEPTH OF 4" UNDER MEDIAN,  
 4" UNDER C&G) = 5.4 CU YD

PROPOSED RAISED CONCRETE ISLAND ITEMS:  
 SUB-BASE GRANULAR MATERIAL, TYPE B  
 (DEPTH = 4") = 11.1 TONS  
 COMBINATION CONCRETE CURB AND GUTTER,  
 TYPE B 6.06 = 31.2 FT  
 COMBINATION CONCRETE CURB AND GUTTER,  
 TYPE B 6.24 = 50.4 FT  
 CONCRETE MEDIAN SURFACE, 4" = 268.7 SQ FT

**NOTES:**

THE NOSES OF PROPOSED CONCRETE ISLANDS SHALL NOT BE RAMPED.  
 ALL SIDEWALKS WITHIN THE PROPOSED CONCRETE ISLANDS ARE 5'-0" IN WIDTH.  
 ALL SIDEWALK CURBING IS 6" IN WIDTH AND 6" IN HEIGHT.  
 PROPOSED HANDHOLES AND CONCRETE SIGNAL FOUNDATION SYMBOLS AS SHOWN ARE NOT TO SCALE, HOWEVER, CENTER-LINE CALL-OUTS FOR THESE ITEMS ARE DEEMED ACCURATE.

- - - - = SUGGESTED SIDEWALK JOINT
- ~ ~ ~ = PROPOSED DRAINAGE FLOW



**WABASH AVENUE & WEST WHITE OAKS DRIVE  
 NORTHWEST ISLAND  
 (EXISTING RAISED CONCRETE ISLAND TO BE REMOVED AND REPLACED)**

|             |  |                   |           |   |  |                           |          |              |              |           |
|-------------|--|-------------------|-----------|---|--|---------------------------|----------|--------------|--------------|-----------|
| FILE NAME = | USER NAME = pricesa  | DESIGNED - RTS    | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>CONCRETE ISLAND DETAILS<br/>(WEST WHITE OAKS DR./WABASH AVE.)</b> | F.A.P. RTE.               | SECTION  | COUNTY       | TOTAL SHEETS | SHEET NO. |
| Default     | ct:\pw\work\p\idot\pricesa\d0406986\0672433-sht-island.dgn | DRAWN - RTS       | REVISED - |   |  | (21)TS-3                  | SANGAMON | 38           | 17           |           |
|             | PLOT SCALE = 40.0000' / in.                                | CHECKED -         | REVISED - |   |  | CONTRACT NO. 72H33        |          |              |              |           |
|             | PLOT DATE = Jan-29-2015 09:39:36AM                         | DATE - 09-03-2014 | REVISED - |   |  | ILLINOIS FED. AID PROJECT |          |              |              |           |
| SCALE:      |  |                   |           |   |  | SHEET 4 OF 7 SHEETS       |          | STA. TO STA. |              |           |

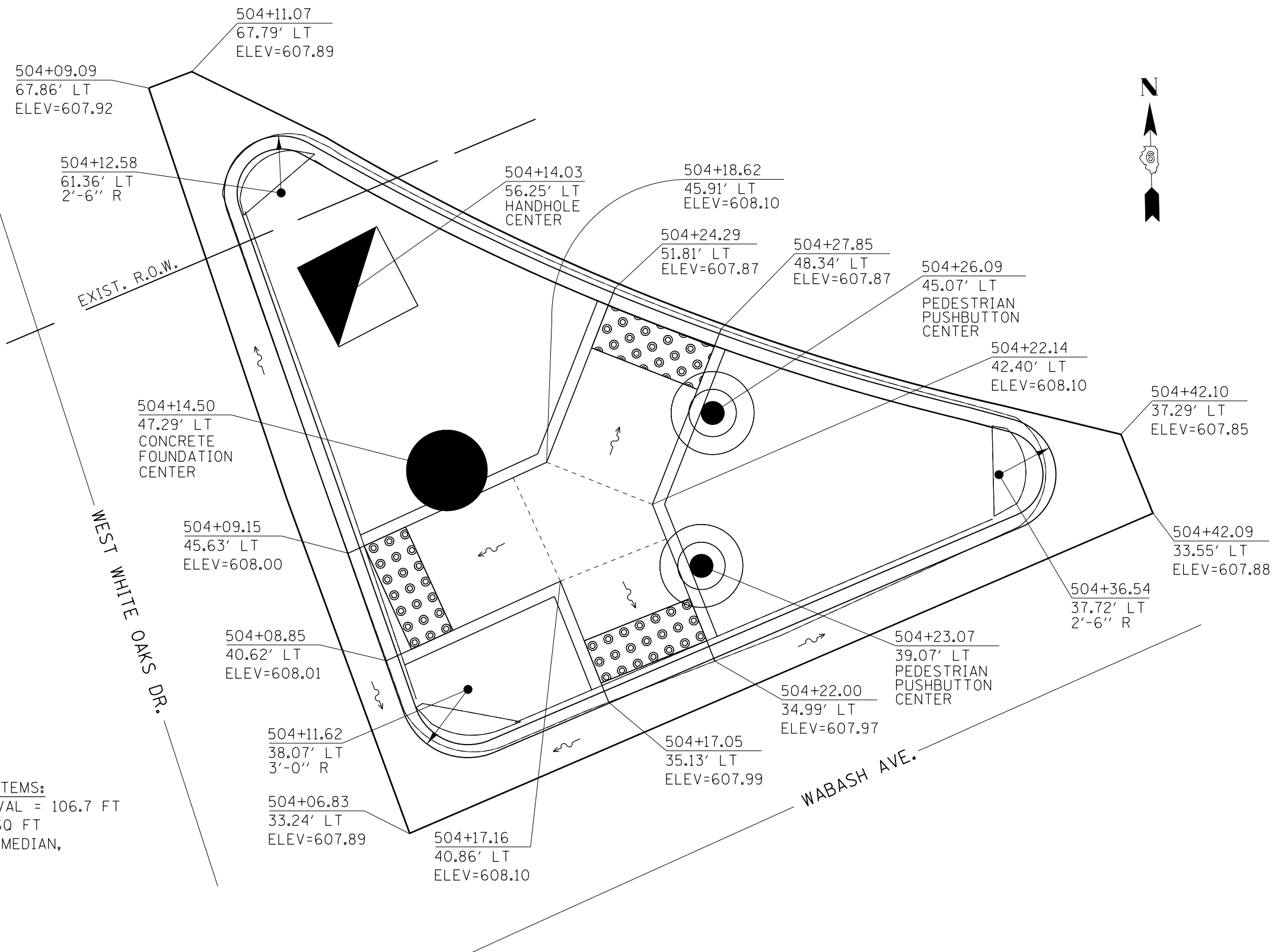


**NOTES:**  
 THE NOSES OF PROPOSED CONCRETE ISLANDS SHALL NOT BE RAMPED.  
 ALL SIDEWALKS WITHIN THE PROPOSED CONCRETE ISLANDS ARE 5'-0" IN WIDTH.  
 ALL SIDEWALK CURBING IS 6" IN WIDTH AND 6" IN HEIGHT.  
 PROPOSED HANDHOLES AND CONCRETE SIGNAL FOUNDATION SYMBOLS AS SHOWN ARE NOT TO SCALE, HOWEVER, CENTER-LINE CALL-OUTS FOR THESE ITEMS ARE DEEMED ACCURATE.

----- = SUGGESTED SIDEWALK JOINT  
 ~~~~~ = PROPOSED DRAINAGE FLOW

**EXISTING RAISED CONCRETE ISLAND REMOVAL ITEMS:**  
 COMBINATION CONCRETE CURB & GUTTER REMOVAL = 106.7 FT  
 CONCRETE MEDIAN SURFACE REMOVAL = 434.1 SQ FT  
 EARTH EXCAVATION (AVG. DEPTH OF 4" UNDER MEDIAN, 4" UNDER C&G) = 8.2 CU YD

**PROPOSED RAISED CONCRETE ISLAND ITEMS:**  
 SUB-BASE GRANULAR MATERIAL, TYPE B (DEPTH = 4") = 16.8 TONS  
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B 6.06 = 40.0 FT  
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B 6.24 = 66.7 FT  
 CONCRETE MEDIAN SURFACE, 4" = 449.5 SQ FT



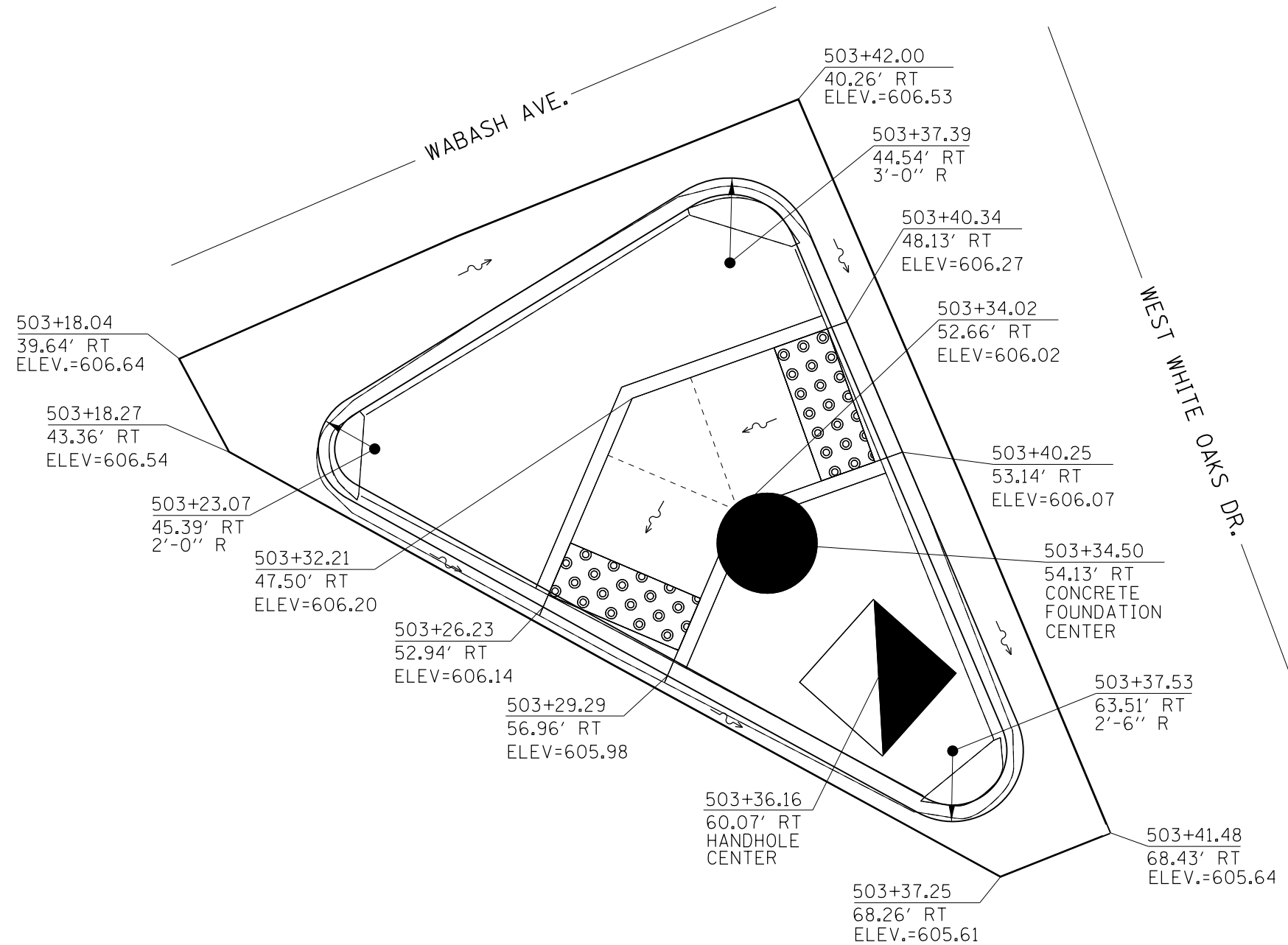
**WABASH AVENUE & WEST WHITE OAKS DRIVE  
 NORTHEAST ISLAND  
 (EXISTING RAISED CONCRETE ISLAND TO BE REMOVED AND REPLACED)**

|                                                         |                                    |                   |           |                                                           |                                                                      |                           |             |        |              |           |  |
|---------------------------------------------------------|------------------------------------|-------------------|-----------|-----------------------------------------------------------|----------------------------------------------------------------------|---------------------------|-------------|--------|--------------|-----------|--|
| FILE NAME =                                             | USER NAME = pricesa                | DESIGNED - RTS    | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>CONCRETE ISLAND DETAILS<br/>(WEST WHITE OAKS DR./WABASH AVE.)</b> | F.A.P. RTE.               | SECTION     | COUNTY | TOTAL SHEETS | SHEET NO. |  |
| ct:\pwork\pwork\pricesa\d0406986\0672433-sht-island.dgn | DRAWN - RTS                        | REVISED -         | (21)TS-3  |                                                           |                                                                      | SANGAMON                  | 38          | 18     |              |           |  |
| Default                                                 | PLOT SCALE = 40.0000' / in.        | CHECKED -         | REVISED - |                                                           |                                                                      | CONTRACT NO. 72H33        |             |        |              |           |  |
|                                                         | PLOT DATE = Jan-29-2015 09:39:37AM | DATE - 09-03-2014 | REVISED - |                                                           |                                                                      | ILLINOIS FED. AID PROJECT |             |        |              |           |  |
| SCALE:                                                  |                                    |                   |           |                                                           |                                                                      | SHEET 5                   | OF 7 SHEETS | STA.   | TO STA.      |           |  |

**NOTES:**

THE NOSES OF PROPOSED CONCRETE ISLANDS SHALL NOT BE RAMPED.  
 ALL SIDEWALKS WITHIN THE PROPOSED CONCRETE ISLANDS ARE 5'-0" IN WIDTH.  
 ALL SIDEWALK CURBING IS 6" IN WIDTH AND 6" IN HEIGHT.  
 PROPOSED HANDHOLES AND CONCRETE SIGNAL FOUNDATION SYMBOLS AS SHOWN ARE NOT TO SCALE, HOWEVER, CENTER-LINE CALL-OUTS FOR THESE ITEMS ARE DEEMED ACCURATE.

----- = SUGGESTED SIDEWALK JOINT  
 ~~~~~ = PROPOSED DRAINAGE FLOW



**EXISTING RAISED CONCRETE ISLAND REMOVAL ITEMS:**  
 COMBINATION CONCRETE CURB & GUTTER REMOVAL = 77.5 FT  
 CONCRETE MEDIAN SURFACE REMOVAL = 249.9 SQ FT  
 EARTH EXCAVATION (AVG. DEPTH OF 4" UNDER MEDIAN, 4" UNDER C&G) = 5.3 CU YD

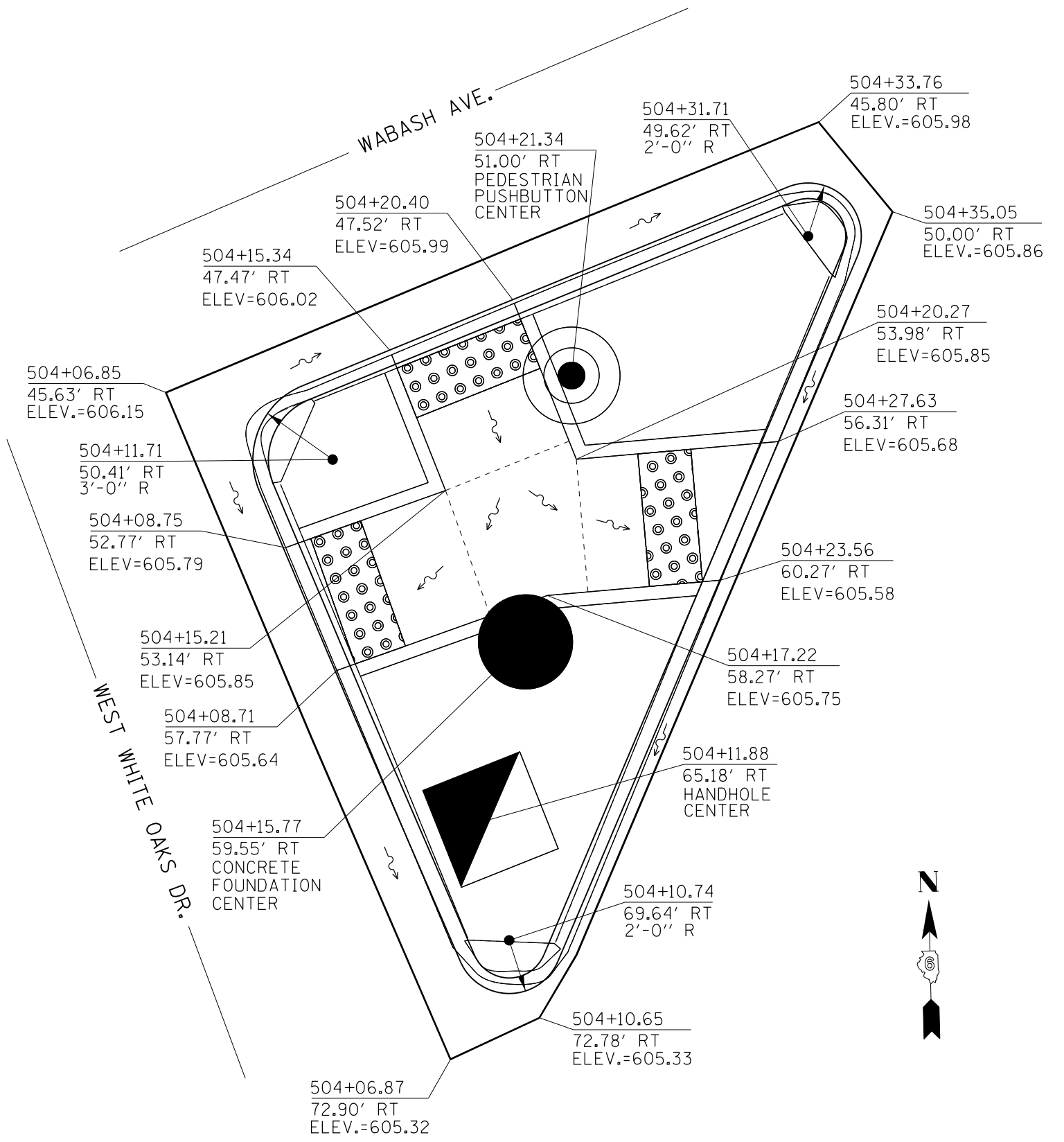
**PROPOSED RAISED CONCRETE ISLAND ITEMS:**  
 SUB-BASE GRANULAR MATERIAL, TYPE B (DEPTH = 4") = 10.9 TONS  
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B 6.06 = 28.8 FT  
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B 6.24 = 48.7 FT  
 CONCRETE MEDIAN SURFACE, 4" = 253.0 SQ FT

**WABASH AVENUE & WEST WHITE OAKS DRIVE  
 SOUTHWEST ISLAND  
 (EXISTING RAISED CONCRETE ISLAND TO BE REMOVED AND REPLACED)**

|                           |   |                   |           |   |  |                     |             |         |         |              |           |    |
|---------------------------|---|-------------------|-----------|---|--|---------------------|-------------|---------|---------|--------------|-----------|----|
| FILE NAME =               | USER NAME = pricesa   | DESIGNED - RTS    | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>CONCRETE ISLAND DETAILS<br/>(WEST WHITE OAKS DR./WABASH AVE.)</b> |                     | F.A.P. RTE. | SECTION | COUNTY  | TOTAL SHEETS | SHEET NO. |    |
| Default                   | ct:\pw\work\p\midot\pricesa\d0406986\0672433-sht-island.dgn | DRAWN - RTS       | REVISED - |   | SCALE:   | SHEET 6 OF 7 SHEETS | STA.        | TO STA. | (2)15-3 | SANGAMON     | 38        | 19 |
|                           | PLOT SCALE = 48.0000' / in.                                 | CHECKED -         | REVISED - |   |  |                     |             |         |         |              |           |    |
|                           | PLOT DATE = Jan-29-2015 09:39:38AM                          | DATE - 09-03-2014 | REVISED - |   |  |                     |             |         |         |              |           |    |
| ILLINOIS FED. AID PROJECT |   |                   |           |   |  |                     |             |         |         |              |           |    |

**NOTES:**  
 THE NOSES OF PROPOSED CONCRETE ISLANDS SHALL NOT BE RAMPED.  
 ALL SIDEWALKS WITHIN THE PROPOSED CONCRETE ISLANDS ARE 5'-0" IN WIDTH.  
 ALL SIDEWALK CURBING IS 6" IN WIDTH AND 6" IN HEIGHT.  
 PROPOSED HANDHOLES AND CONCRETE SIGNAL FOUNDATION SYMBOLS AS SHOWN ARE NOT TO SCALE, HOWEVER, CENTER-LINE CALL-OUTS FOR THESE ITEMS ARE DEEMED ACCURATE.

----- = SUGGESTED SIDEWALK JOINT  
 ~~~~~ = PROPOSED DRAINAGE FLOW



EXISTING RAISED CONCRETE ISLAND REMOVAL ITEMS:  
 COMBINATION CONCRETE CURB & GUTTER REMOVAL = 88.0 FT  
 CONCRETE MEDIAN SURFACE REMOVAL = 310.3 SQ FT  
 EARTH EXCAVATION (AVG. DEPTH OF 4" UNDER MEDIAN, 4" UNDER C&G) = 5.9 CU YD

PROPOSED RAISED CONCRETE ISLAND ITEMS:  
 SUB-BASE GRANULAR MATERIAL, TYPE B (DEPTH = 4") = 12.1 TONS  
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B 6.06 = 32.9 FT  
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B 6.24 = 55.1 FT  
 CONCRETE MEDIAN SURFACE, 4" = 314.5 SQ FT

**WABASH AVENUE & WEST WHITE OAKS DRIVE  
 SOUTHEAST ISLAND  
 (EXISTING RAISED CONCRETE ISLAND TO BE REMOVED AND REPLACED)**

|             |                                                            |                   |           |                                                           |                                                                      |                           |          |        |              |           |
|-------------|------------------------------------------------------------|-------------------|-----------|-----------------------------------------------------------|----------------------------------------------------------------------|---------------------------|----------|--------|--------------|-----------|
| FILE NAME = | USER NAME = pricesa                                        | DESIGNED - RTS    | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>CONCRETE ISLAND DETAILS<br/>(WEST WHITE OAKS DR./WABASH AVE.)</b> | F.A.P. RTE.               | SECTION  | COUNTY | TOTAL SHEETS | SHEET NO. |
| Default     | et:\pw_work\pwidot\pricesa\d0406986\0672433-sht-island.dgn | DRAWN - RTS       | REVISED - |                                                           |                                                                      | (21)TS-3                  | SANGAMON | 38     | 20           |           |
|             | PLOT SCALE = 40.0000' / in.                                | CHECKED -         | REVISED - |                                                           |                                                                      | CONTRACT NO. 72H33        |          |        |              |           |
|             | PLOT DATE = Jan-29-2015 09:39:39AM                         | DATE - 09-03-2014 | REVISED - |                                                           |                                                                      | ILLINOIS FED. AID PROJECT |          |        |              |           |

### 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) |  |  |  |
| CONDUIT                                 |  |  |  |

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

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, K=BLACK) |         |          |          |
| DETECTOR LOOP                                                                                       |         |          |          |
| QUADRAPOLE DETECTOR LOOP                                                                            |         |          |          |

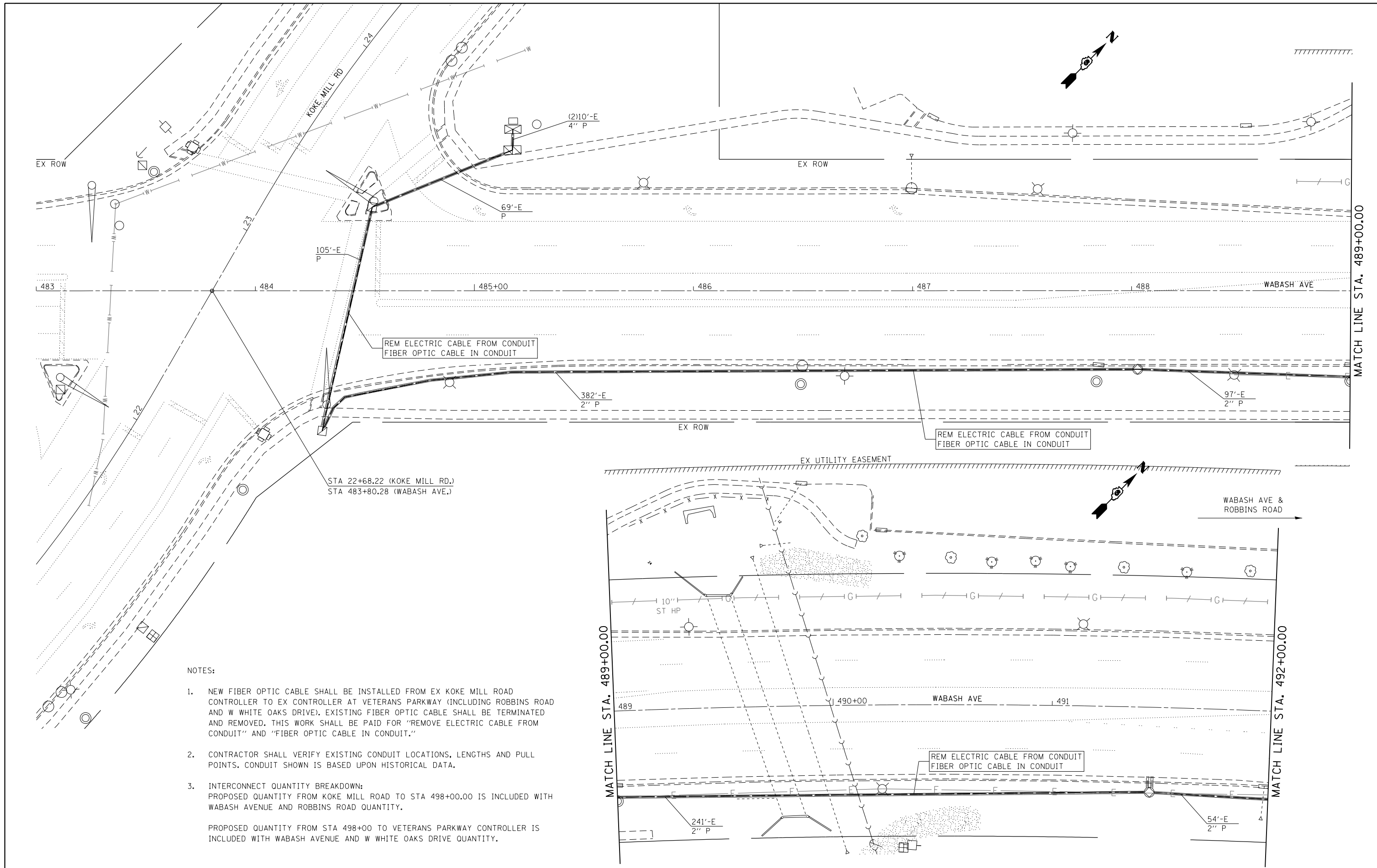
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|                                                         | PLOT DATE = Jan-29-2015 09:39:42AM | DATE -     | REVISED -                |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DISTRICT SIX  
TRAFFIC SIGNAL LEGEND STANDARD

SCALE: SHEET 1 OF 14 SHEETS STA. TO STA.

|                    |         |          |                           |           |
|--------------------|---------|----------|---------------------------|-----------|
| F.A.P. RTE.        | SECTION | COUNTY   | TOTAL SHEETS              | SHEET NO. |
| 664                | (2)TS-3 | SANGAMON | 38                        | 21        |
| CONTRACT NO. 72H33 |         |          | ILLINOIS FED. AID PROJECT |           |



**NOTES:**

1. NEW FIBER OPTIC CABLE SHALL BE INSTALLED FROM EX KOKE MILL ROAD CONTROLLER TO EX CONTROLLER AT VETERANS PARKWAY (INCLUDING ROBBINS ROAD AND W WHITE OAKS DRIVE). EXISTING FIBER OPTIC CABLE SHALL BE TERMINATED AND REMOVED. THIS WORK SHALL BE PAID FOR "REMOVE ELECTRIC CABLE FROM CONDUIT" AND "FIBER OPTIC CABLE IN CONDUIT."
2. CONTRACTOR SHALL VERIFY EXISTING CONDUIT LOCATIONS, LENGTHS AND PULL POINTS. CONDUIT SHOWN IS BASED UPON HISTORICAL DATA.
3. INTERCONNECT QUANTITY BREAKDOWN:  
 PROPOSED QUANTITY FROM KOKE MILL ROAD TO STA 498+00.00 IS INCLUDED WITH WABASH AVENUE AND ROBBINS ROAD QUANTITY.  
 PROPOSED QUANTITY FROM STA 498+00 TO VETERANS PARKWAY CONTROLLER IS INCLUDED WITH WABASH AVENUE AND W WHITE OAKS DRIVE QUANTITY.

|                                                        |                                    |                |           |
|--------------------------------------------------------|------------------------------------|----------------|-----------|
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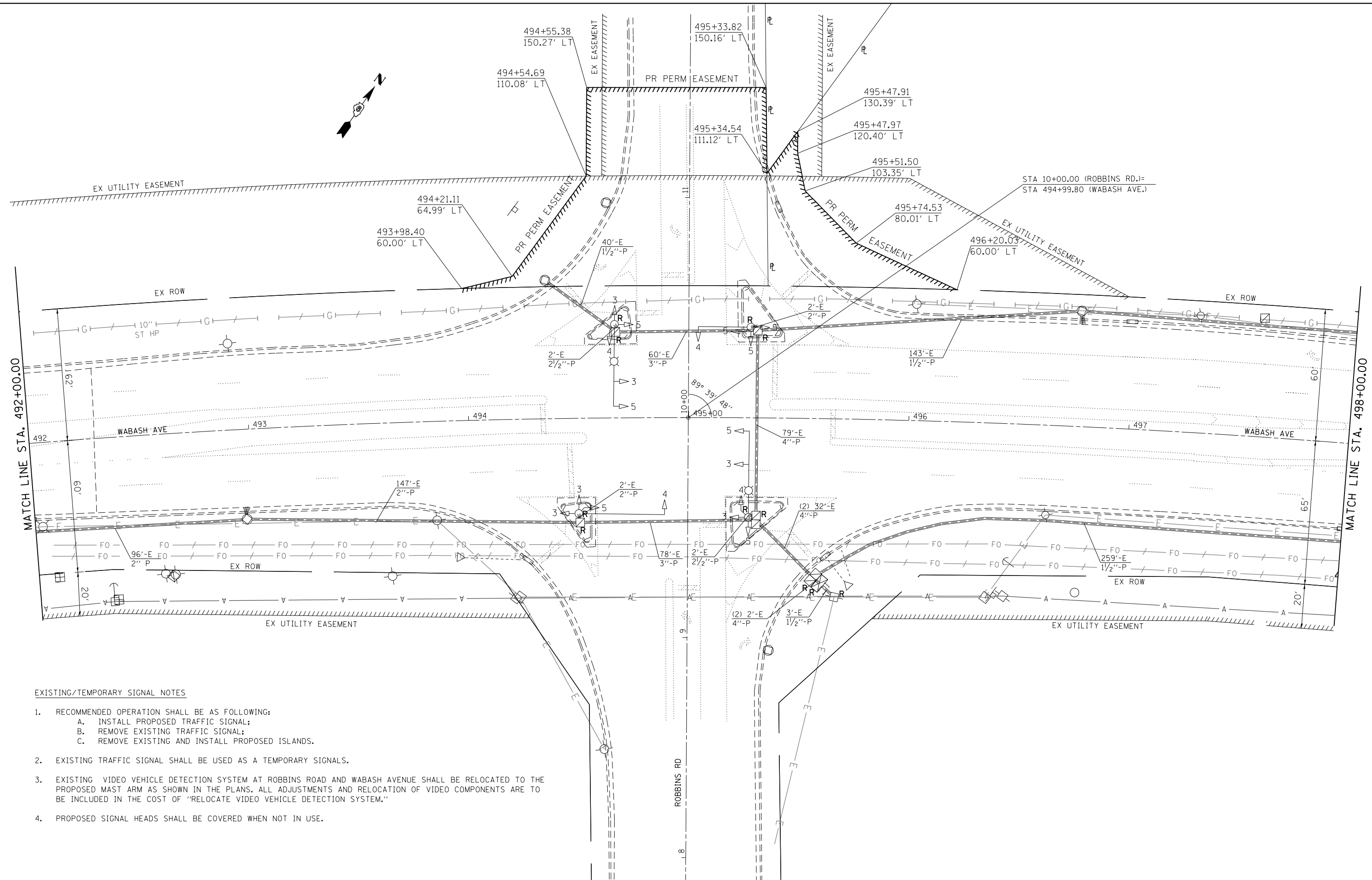
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERCONNECT PLAN  
WABASH AVENUE**

SCALE: SHEET 2 OF 14 SHEETS STA. TO STA.

|                    |         |          |                           |           |
|--------------------|---------|----------|---------------------------|-----------|
| F.A.P. RTE.        | SECTION | COUNTY   | TOTAL SHEETS              | SHEET NO. |
| 664                | (2)TS-3 | SANGAMON | 38                        | 22        |
| CONTRACT NO. 72H33 |         |          | ILLINOIS FED. AID PROJECT |           |





**EXISTING/TEMPORARY SIGNAL NOTES**

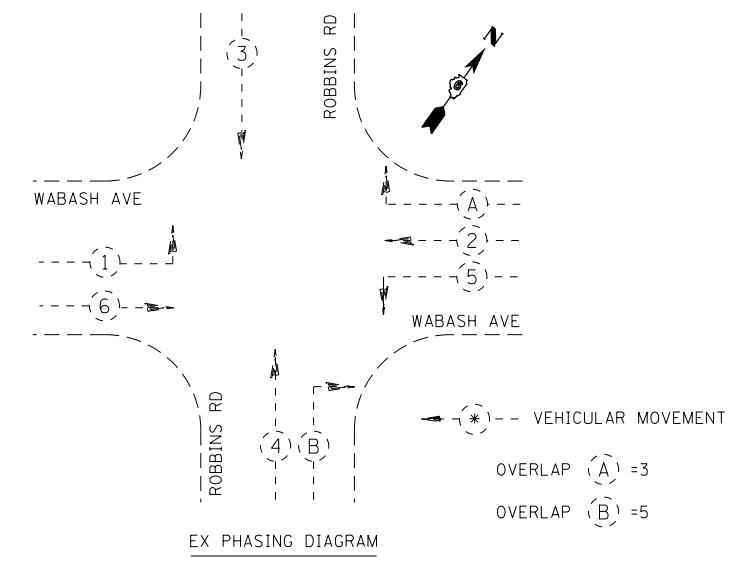
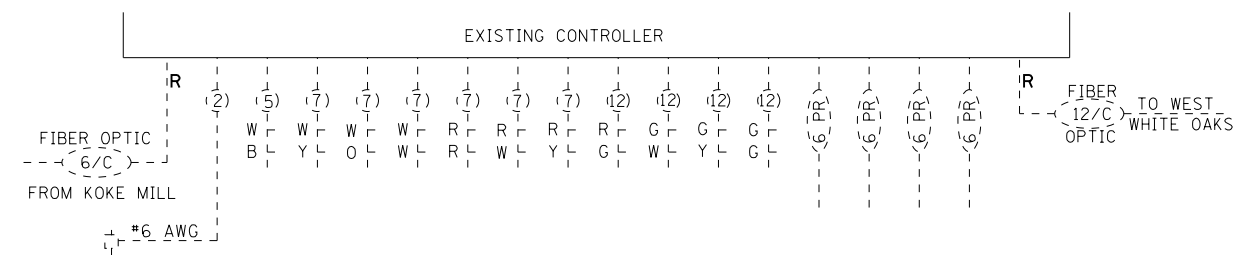
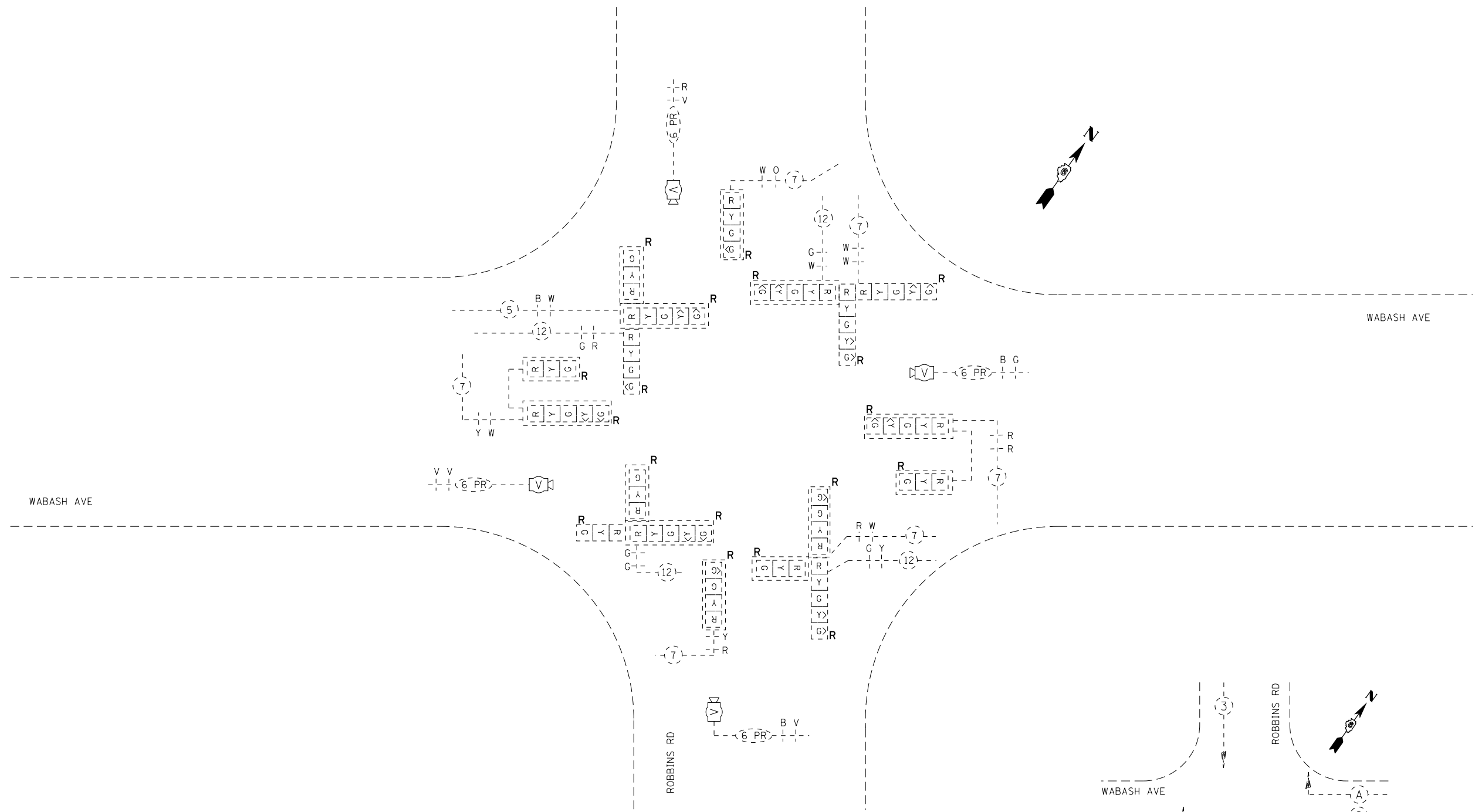
1. RECOMMENDED OPERATION SHALL BE AS FOLLOWING:
  - A. INSTALL PROPOSED TRAFFIC SIGNAL;
  - B. REMOVE EXISTING TRAFFIC SIGNAL;
  - C. REMOVE EXISTING AND INSTALL PROPOSED ISLANDS.
2. EXISTING TRAFFIC SIGNAL SHALL BE USED AS A TEMPORARY SIGNALS.
3. EXISTING VIDEO VEHICLE DETECTION SYSTEM AT ROBBINS ROAD AND WABASH AVENUE SHALL BE RELOCATED TO THE PROPOSED MAST ARM AS SHOWN IN THE PLANS. ALL ADJUSTMENTS AND RELOCATION OF VIDEO COMPONENTS ARE TO BE INCLUDED IN THE COST OF "RELOCATE VIDEO VEHICLE DETECTION SYSTEM."
4. PROPOSED SIGNAL HEADS SHALL BE COVERED WHEN NOT IN USE.

|                                                     |                                    |                |           |
|-----------------------------------------------------|------------------------------------|----------------|-----------|
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| Default                                             | PLOT SCALE = 40.0000' / in.        | CHECKED -      | REVISED - |
|                                                     | PLOT DATE = Jan-29-2015 09:39:44AM | DATE -         | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

|                                                               |                                   |
|---------------------------------------------------------------|-----------------------------------|
| <b>EX TRAFFIC SIGNAL PLAN<br/>WABASH AVE &amp; ROBBINS RD</b> |                                   |
| SCALE:                                                        | SHEET 3 OF 14 SHEETS STA. TO STA. |

|                    |         |          |                           |           |
|--------------------|---------|----------|---------------------------|-----------|
| F.A.P. RTE.        | SECTION | COUNTY   | TOTAL SHEETS              | SHEET NO. |
| 664                | (2)TS-3 | SANGAMON | 38                        | 23        |
| CONTRACT NO. 72H33 |         |          | ILLINOIS FED. AID PROJECT |           |



|             |                                    |                |           |                                                           |                                                                 |                      |                   |                    |                   |                   |                |  |
|-------------|------------------------------------|----------------|-----------|-----------------------------------------------------------|-----------------------------------------------------------------|----------------------|-------------------|--------------------|-------------------|-------------------|----------------|--|
| FILE NAME = | USER NAME = pricesa                | DESIGNED - DMS | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>EX TRAFFIC SIGNAL DETAIL<br/>WABASH AVE &amp; ROBBINS RD</b> |                      | F.A.P. RTE. = 664 | SECTION = (2)TS-3  | COUNTY = SANGAMON | TOTAL SHEETS = 38 | SHEET NO. = 24 |  |
| Default     | PLOT SCALE = 40.0000' / in.        | DRAWN - DMS    | REVISED - |                                                           | SCALE:                                                          | SHEET 4 OF 14 SHEETS | STA. TO STA.      | CONTRACT NO. 72H33 |                   |                   |                |  |
|             | PLOT DATE = Jan-29-2015 09:39:45AM | CHECKED -      | REVISED - |                                                           | ILLINOIS FED. AID PROJECT                                       |                      |                   |                    |                   |                   |                |  |
|             |                                    | DATE -         | REVISED - |                                                           |                                                                 |                      |                   |                    |                   |                   |                |  |

NOTES:

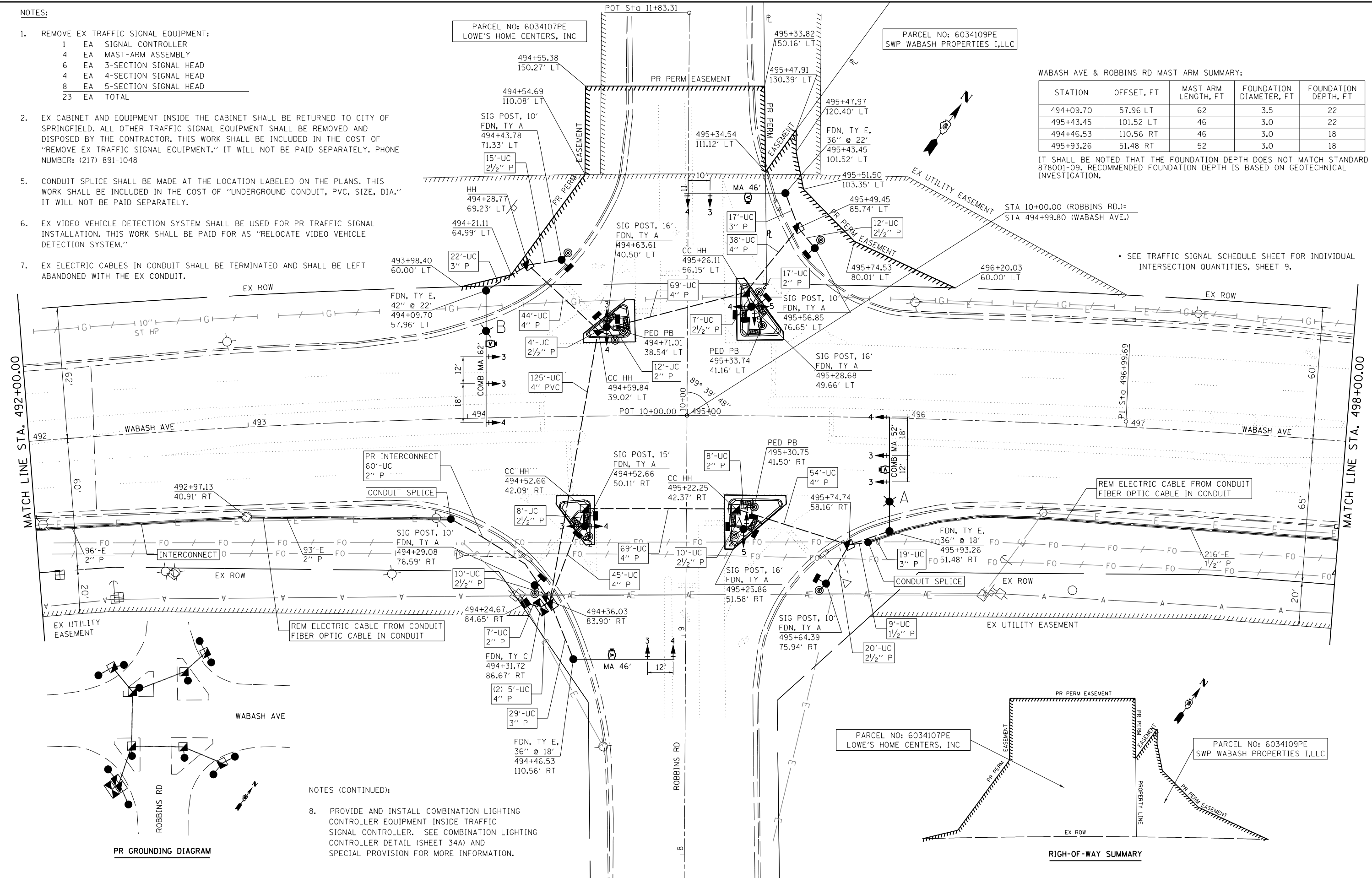
- REMOVE EX TRAFFIC SIGNAL EQUIPMENT:
  - 1 EA SIGNAL CONTROLLER
  - 4 EA MAST-ARM ASSEMBLY
  - 6 EA 3-SECTION SIGNAL HEAD
  - 4 EA 4-SECTION SIGNAL HEAD
  - 8 EA 5-SECTION SIGNAL HEAD
  - 23 EA TOTAL
- EX CABINET AND EQUIPMENT INSIDE THE CABINET SHALL BE RETURNED TO CITY OF SPRINGFIELD. ALL OTHER TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED AND DISPOSED BY THE CONTRACTOR. THIS WORK SHALL BE INCLUDED IN THE COST OF "REMOVE EX TRAFFIC SIGNAL EQUIPMENT." IT WILL NOT BE PAID SEPARATELY. PHONE NUMBER: (217) 891-1048
- CONDUIT SPLICE SHALL BE MADE AT THE LOCATION LABELED ON THE PLANS. THIS WORK SHALL BE INCLUDED IN THE COST OF "UNDERGROUND CONDUIT, PVC, SIZE, DIA." IT WILL NOT BE PAID SEPARATELY.
- EX VIDEO VEHICLE DETECTION SYSTEM SHALL BE USED FOR PR TRAFFIC SIGNAL INSTALLATION. THIS WORK SHALL BE PAID FOR AS "RELOCATE VIDEO VEHICLE DETECTION SYSTEM."
- EX ELECTRIC CABLES IN CONDUIT SHALL BE TERMINATED AND SHALL BE LEFT ABANDONED WITH THE EX CONDUIT.

WABASH AVE & ROBBINS RD MAST ARM SUMMARY:

| STATION   | OFFSET, FT | MAST ARM LENGTH, FT | FOUNDATION DIAMETER, FT | FOUNDATION DEPTH, FT |
|-----------|------------|---------------------|-------------------------|----------------------|
| 494+09.70 | 57.96 LT   | 62                  | 3.5                     | 22                   |
| 495+43.45 | 101.52 LT  | 46                  | 3.0                     | 22                   |
| 494+46.53 | 110.56 RT  | 46                  | 3.0                     | 18                   |
| 495+93.26 | 51.48 RT   | 52                  | 3.0                     | 18                   |

IT SHALL BE NOTED THAT THE FOUNDATION DEPTH DOES NOT MATCH STANDARD 878001-09. RECOMMENDED FOUNDATION DEPTH IS BASED ON GEOTECHNICAL INVESTIGATION.

• SEE TRAFFIC SIGNAL SCHEDULE SHEET FOR INDIVIDUAL INTERSECTION QUANTITIES, SHEET 9.



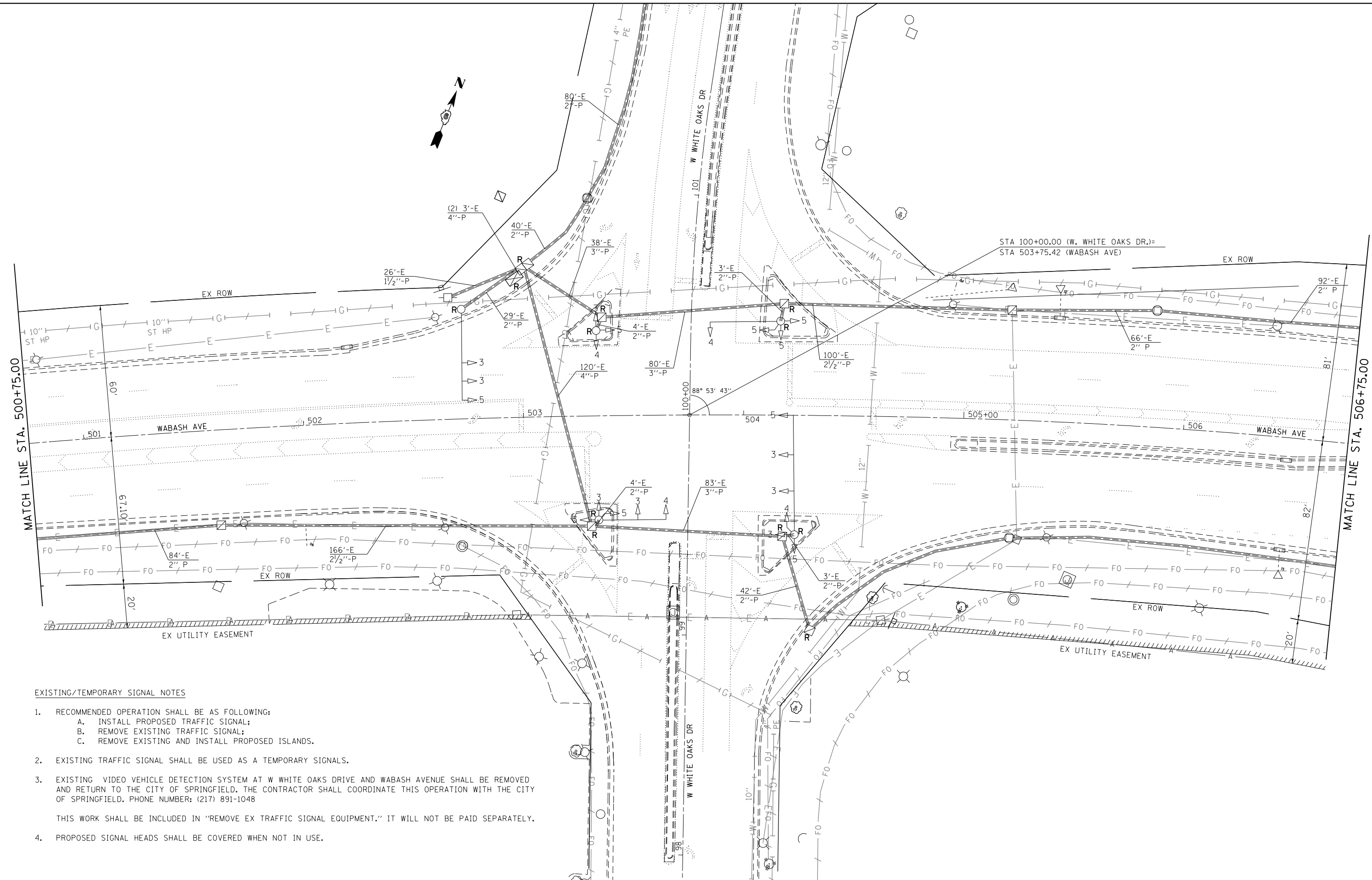
PR GROUNDING DIAGRAM

NOTES (CONTINUED):

- PROVIDE AND INSTALL COMBINATION LIGHTING CONTROLLER EQUIPMENT INSIDE TRAFFIC SIGNAL CONTROLLER. SEE COMBINATION LIGHTING CONTROLLER DETAIL (SHEET 34A) AND SPECIAL PROVISION FOR MORE INFORMATION.

RIGHT-OF-WAY SUMMARY





**EXISTING/TEMPORARY SIGNAL NOTES**

1. RECOMMENDED OPERATION SHALL BE AS FOLLOWING:
  - A. INSTALL PROPOSED TRAFFIC SIGNAL;
  - B. REMOVE EXISTING TRAFFIC SIGNAL;
  - C. REMOVE EXISTING AND INSTALL PROPOSED ISLANDS.
2. EXISTING TRAFFIC SIGNAL SHALL BE USED AS A TEMPORARY SIGNALS.
3. EXISTING VIDEO VEHICLE DETECTION SYSTEM AT W WHITE OAKS DRIVE AND WABASH AVENUE SHALL BE REMOVED AND RETURN TO THE CITY OF SPRINGFIELD. THE CONTRACTOR SHALL COORDINATE THIS OPERATION WITH THE CITY OF SPRINGFIELD. PHONE NUMBER: (217) 891-1048  
  
THIS WORK SHALL BE INCLUDED IN "REMOVE EX TRAFFIC SIGNAL EQUIPMENT." IT WILL NOT BE PAID SEPARATELY.
4. PROPOSED SIGNAL HEADS SHALL BE COVERED WHEN NOT IN USE.

|                                                        |                                    |                |           |
|--------------------------------------------------------|------------------------------------|----------------|-----------|
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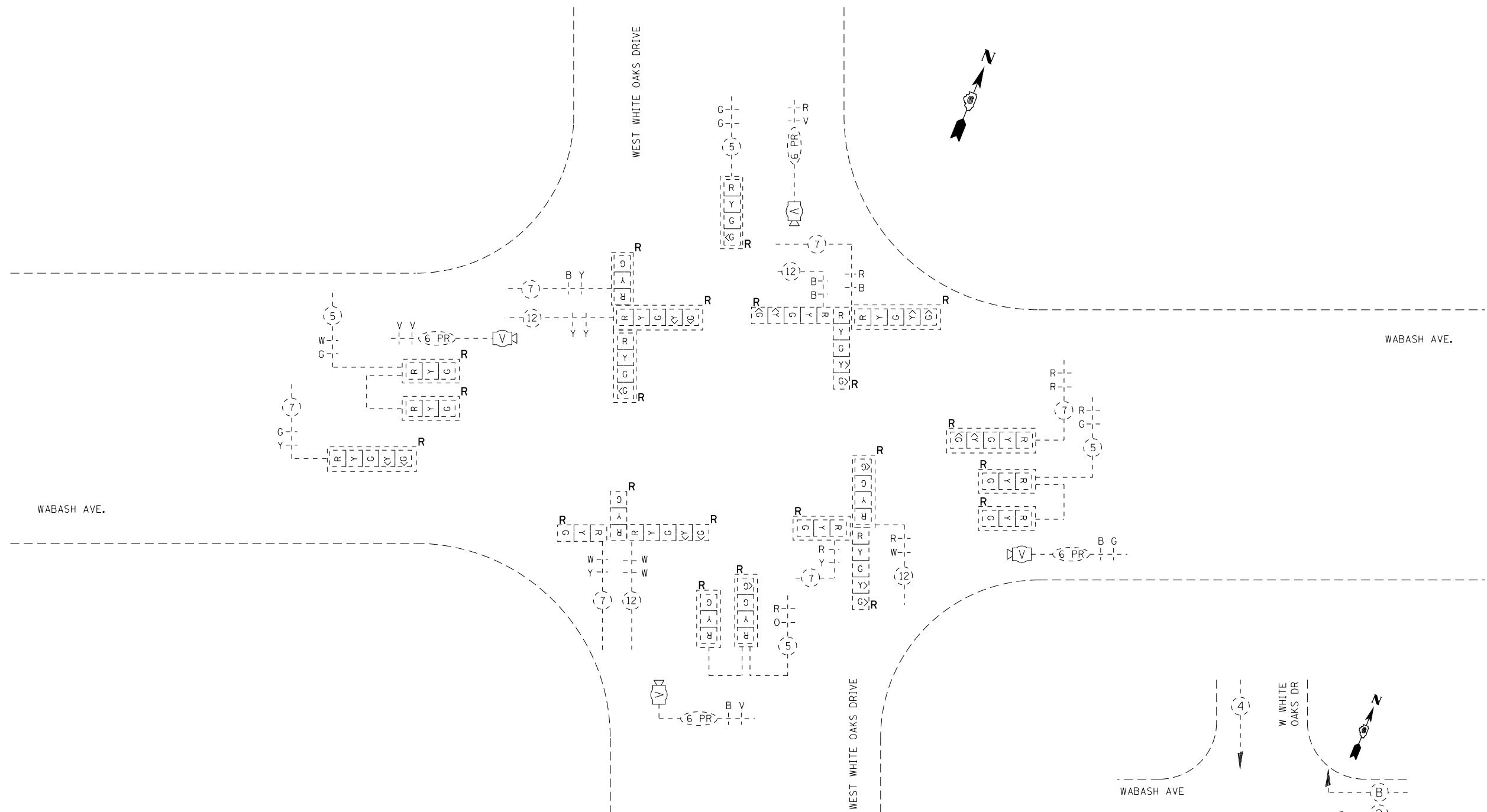
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EX TRAFFIC SIGNAL PLAN  
WABASH AVE & W WHITE OAKS DR**

SCALE: SHEET 7 OF 14 SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION  | COUNTY   | TOTAL SHEETS | SHEET NO.          |
|-------------|----------|----------|--------------|--------------------|
| 664         | (21)TS-3 | SANGAMON | 38           | 27                 |
|             |          |          |              | CONTRACT NO. 72H33 |

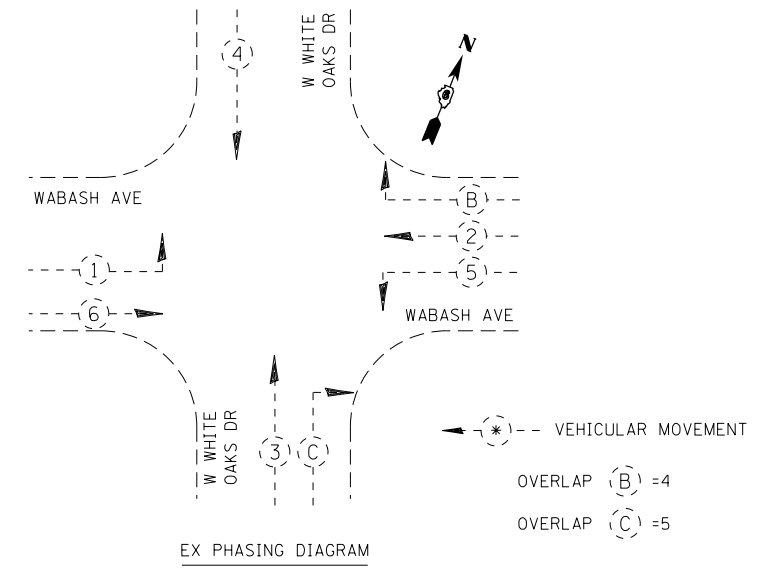
ILLINOIS FED. AID PROJECT



EXISTING CONTROLLER

|                                      |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |        |        |        |        |                                                           |
|--------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|--------|--------|--------|--------|-----------------------------------------------------------|
| TO ROBBINS RD<br>12/C<br>FIBER OPTIC | (2) | (5) | (5) | (5) | (5) | (7) | (7) | (7) | (7) | (7) | (7) | (12) | (12) | (12) | (12) | (6 PR) | (6 PR) | (6 PR) | (6 PR) | (12/C)<br>TO VETERANS PKWY<br>& WABASH AVE<br>FIBER OPTIC |
|                                      | G   | W   | R   | R   | R   | G   | B   | R   | R   | R   | W   | Y    | B    | R    | W    | R      | B      | B      | V      |                                                           |
|                                      | G   | G   | O   | G   | Y   | Y   | B   | R   | Y   | Y   | Y   | B    | W    | W    | R    | V      | G      | V      | V      |                                                           |

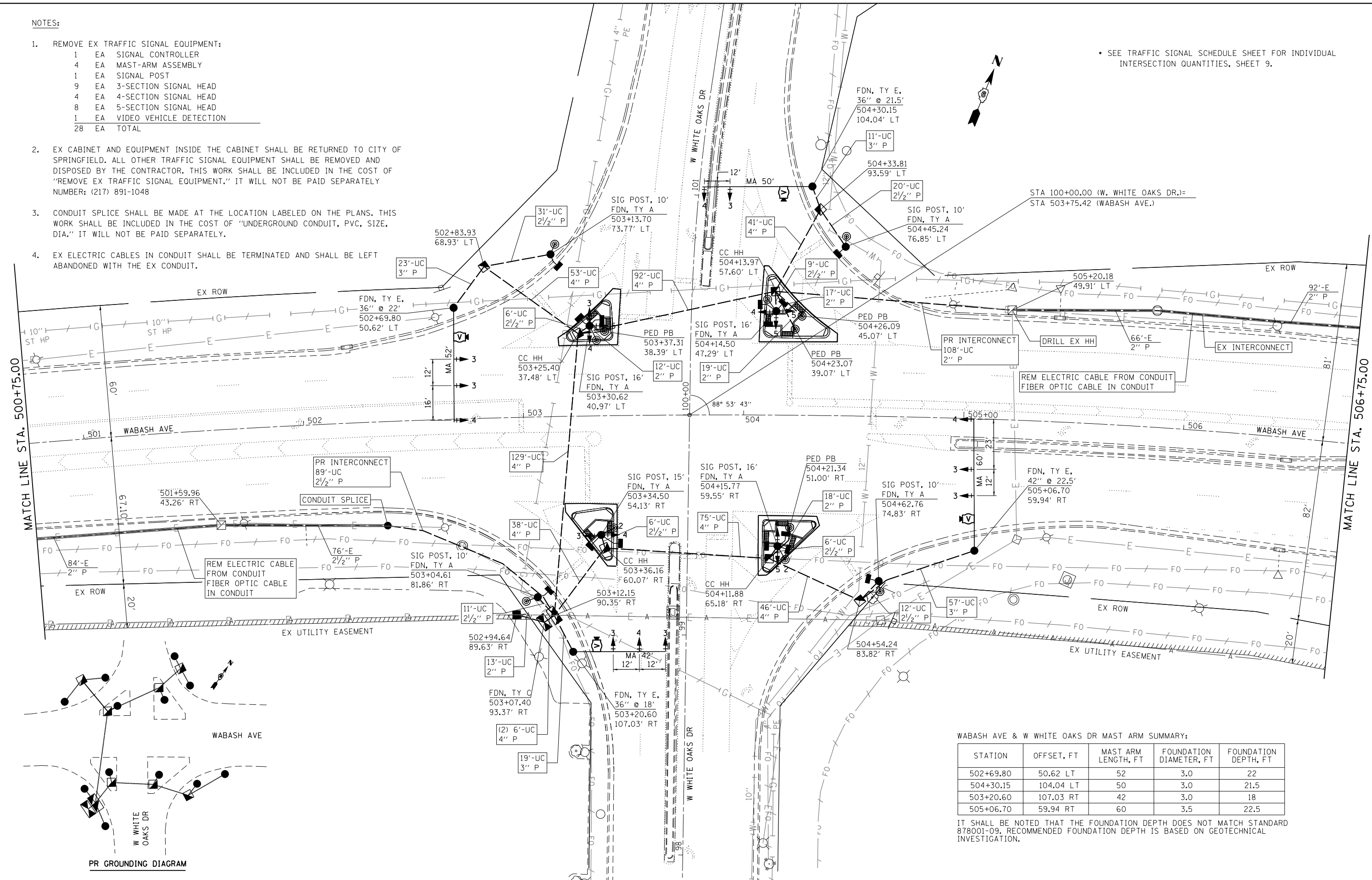
#6 AWG



NOTES:

- REMOVE EX TRAFFIC SIGNAL EQUIPMENT:
  - 1 EA SIGNAL CONTROLLER
  - 4 EA MAST-ARM ASSEMBLY
  - 1 EA SIGNAL POST
  - 9 EA 3-SECTION SIGNAL HEAD
  - 4 EA 4-SECTION SIGNAL HEAD
  - 8 EA 5-SECTION SIGNAL HEAD
  - 1 EA VIDEO VEHICLE DETECTION
  - 28 EA TOTAL
- EX CABINET AND EQUIPMENT INSIDE THE CABINET SHALL BE RETURNED TO CITY OF SPRINGFIELD. ALL OTHER TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED AND DISPOSED BY THE CONTRACTOR. THIS WORK SHALL BE INCLUDED IN THE COST OF "REMOVE EX TRAFFIC SIGNAL EQUIPMENT." IT WILL NOT BE PAID SEPARATELY NUMBER: (217) 891-1048
- CONDUIT SPLICE SHALL BE MADE AT THE LOCATION LABELED ON THE PLANS. THIS WORK SHALL BE INCLUDED IN THE COST OF "UNDERGROUND CONDUIT, PVC, SIZE, DIA." IT WILL NOT BE PAID SEPARATELY.
- EX ELECTRIC CABLES IN CONDUIT SHALL BE TERMINATED AND SHALL BE LEFT ABANDONED WITH THE EX CONDUIT.

\* SEE TRAFFIC SIGNAL SCHEDULE SHEET FOR INDIVIDUAL INTERSECTION QUANTITIES, SHEET 9.



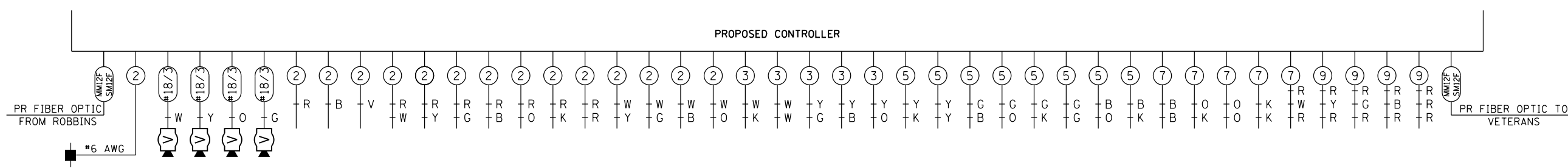
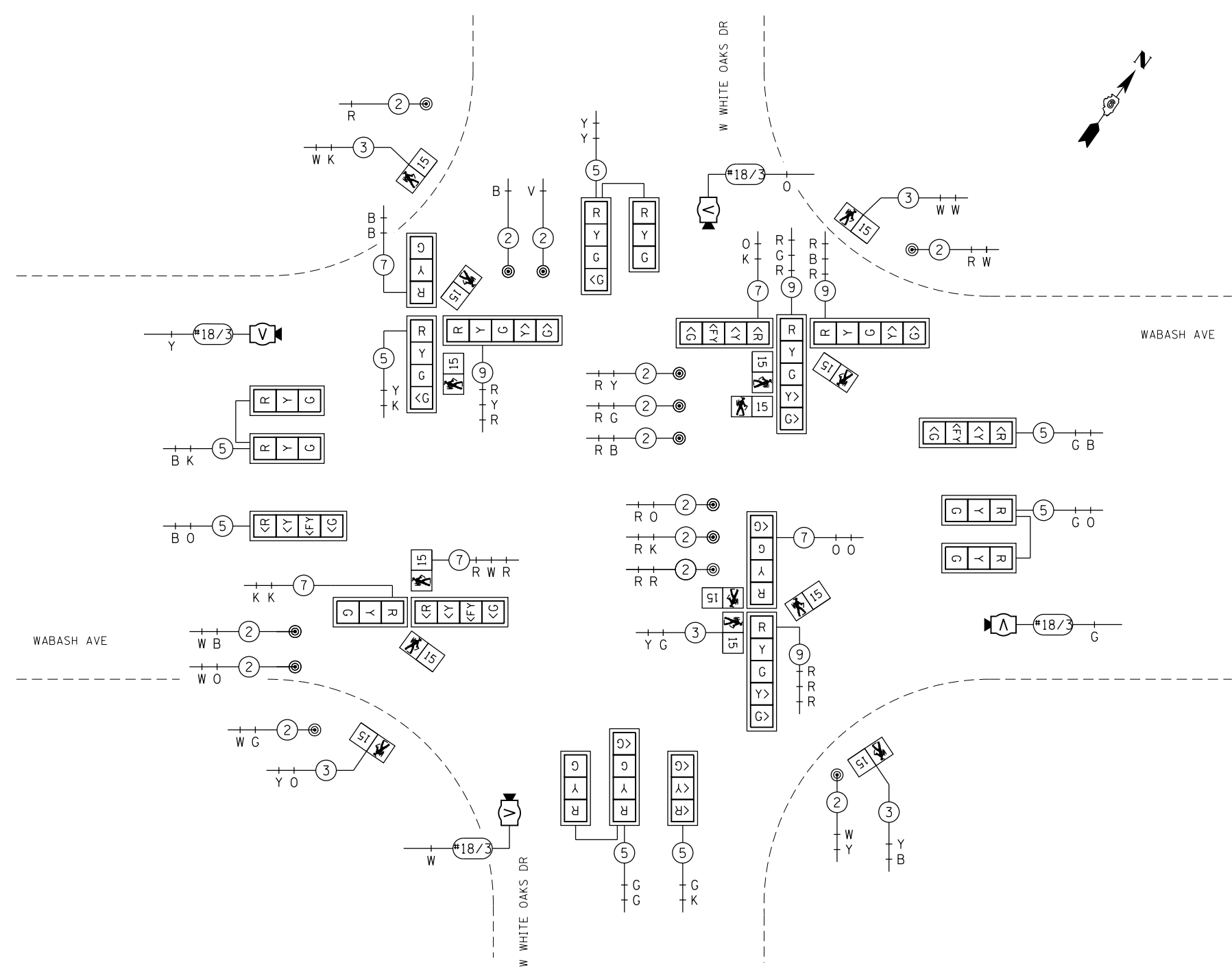
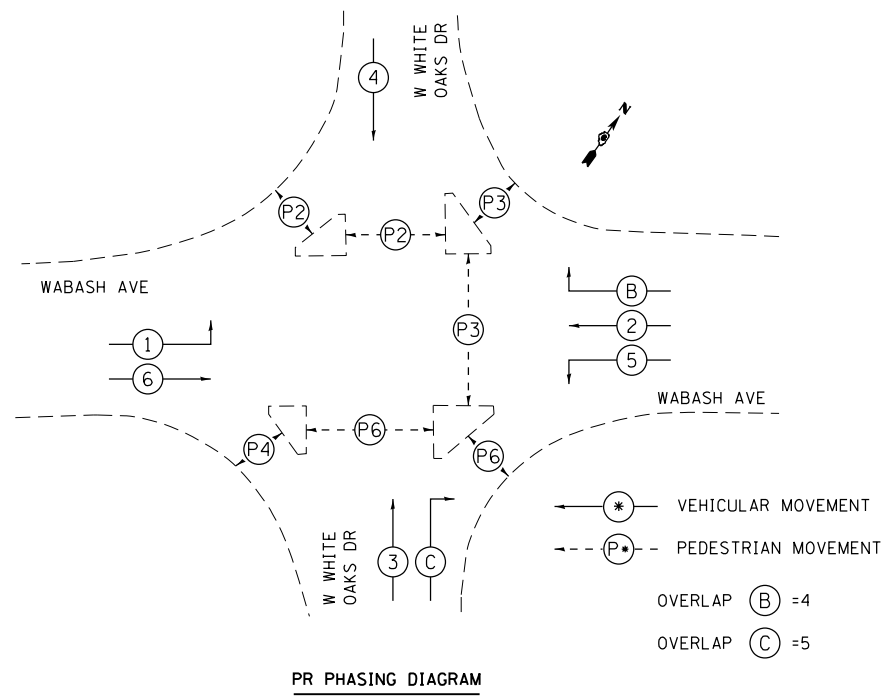
WABASH AVE & W WHITE OAKS DR MAST ARM SUMMARY:

| STATION   | OFFSET, FT | MAST ARM LENGTH, FT | FOUNDATION DIAMETER, FT | FOUNDATION DEPTH, FT |
|-----------|------------|---------------------|-------------------------|----------------------|
| 502+69.80 | 50.62 LT   | 52                  | 3.0                     | 22                   |
| 504+30.15 | 104.04 LT  | 50                  | 3.0                     | 21.5                 |
| 503+20.60 | 107.03 RT  | 42                  | 3.0                     | 18                   |
| 505+06.70 | 59.94 RT   | 60                  | 3.5                     | 22.5                 |

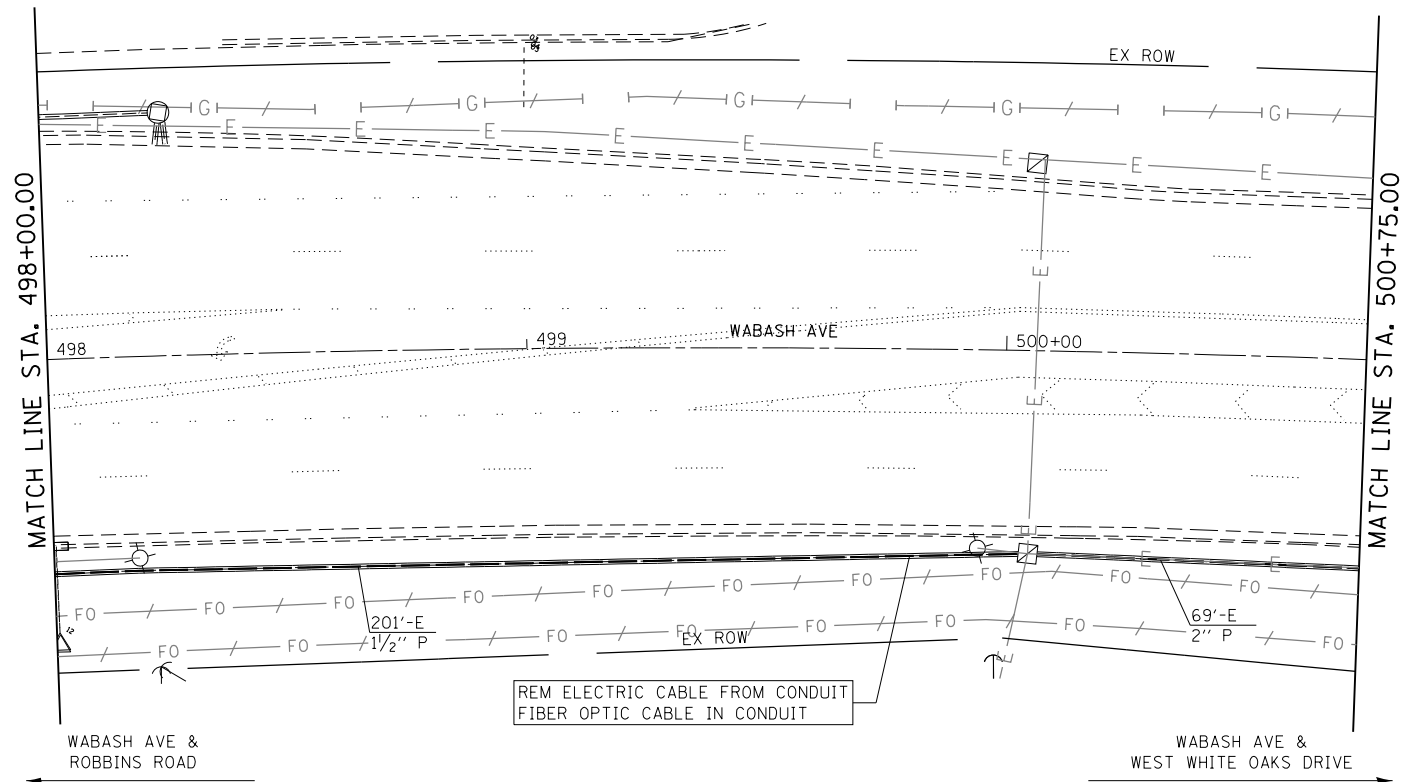
IT SHALL BE NOTED THAT THE FOUNDATION DEPTH DOES NOT MATCH STANDARD 878001-09. RECOMMENDED FOUNDATION DEPTH IS BASED ON GEOTECHNICAL INVESTIGATION.

PR GROUNDING DIAGRAM



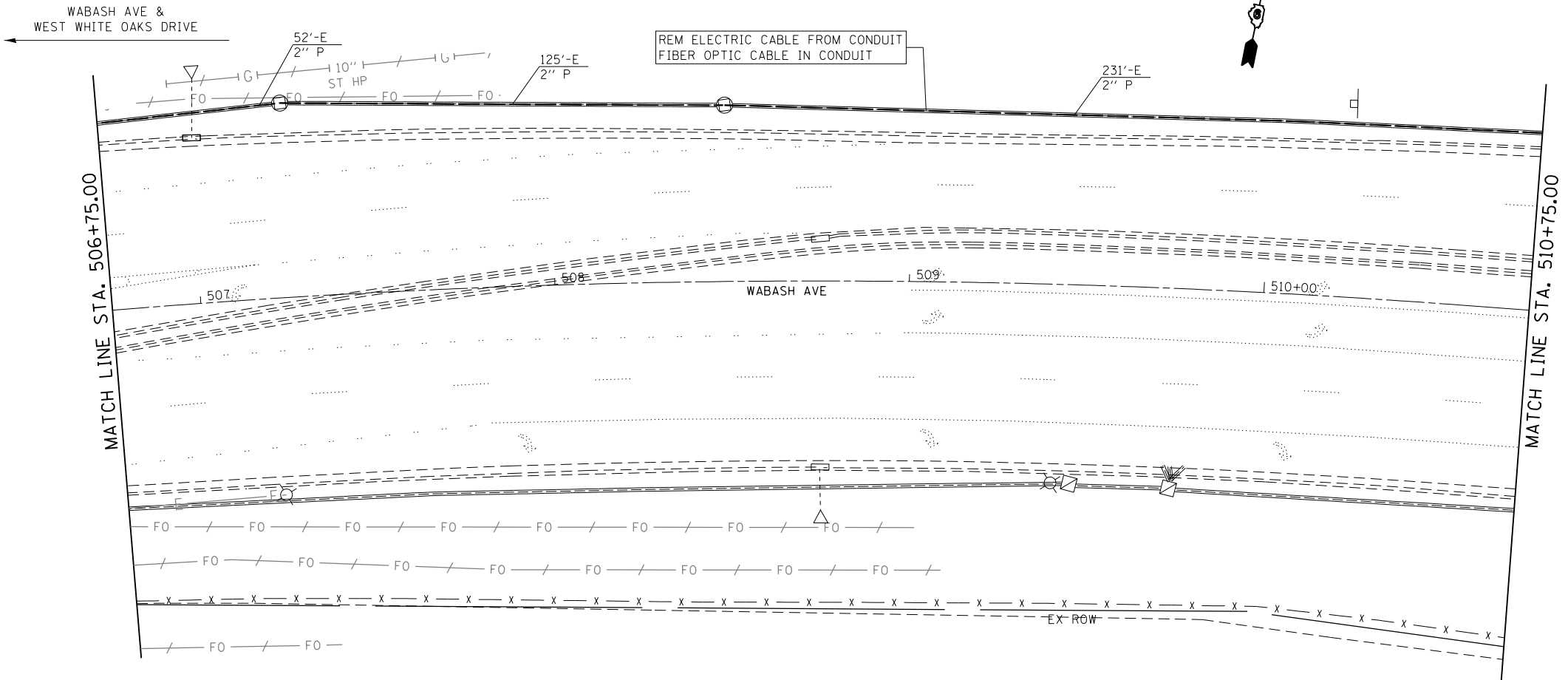


|                                                                      |                                    |                |           |                                                           |                                                                      |                       |                 |                    |                 |                 |              |  |
|----------------------------------------------------------------------|------------------------------------|----------------|-----------|-----------------------------------------------------------|----------------------------------------------------------------------|-----------------------|-----------------|--------------------|-----------------|-----------------|--------------|--|
| FILE NAME =<br>c:\pw\work\p\idot\pricesa\d0406986\0672433-sht-TS.dgn | USER NAME = pricesa                | DESIGNED - DMS | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>PR TRAFFIC SIGNAL DETAIL<br/>WABASH AVE &amp; W WHITE OAKS DR</b> |                       | F.A.P. RTE. 664 | SECTION (2)TS-3    | COUNTY SANGAMON | TOTAL SHEETS 38 | SHEET NO. 30 |  |
| Default                                                              | PLOT SCALE = 40.0000' / in.        | CHECKED -      | REVISED - |                                                           | SCALE:                                                               | SHEET 10 OF 14 SHEETS | STA. TO STA.    | CONTRACT NO. 72H33 |                 |                 |              |  |
|                                                                      | PLOT DATE = Jan-29-2015 09:39:53AM | DATE -         | REVISED - |                                                           | ILLINOIS FED. AID PROJECT                                            |                       |                 |                    |                 |                 |              |  |
|                                                                      |                                    |                |           |                                                           |                                                                      |                       |                 |                    |                 |                 |              |  |

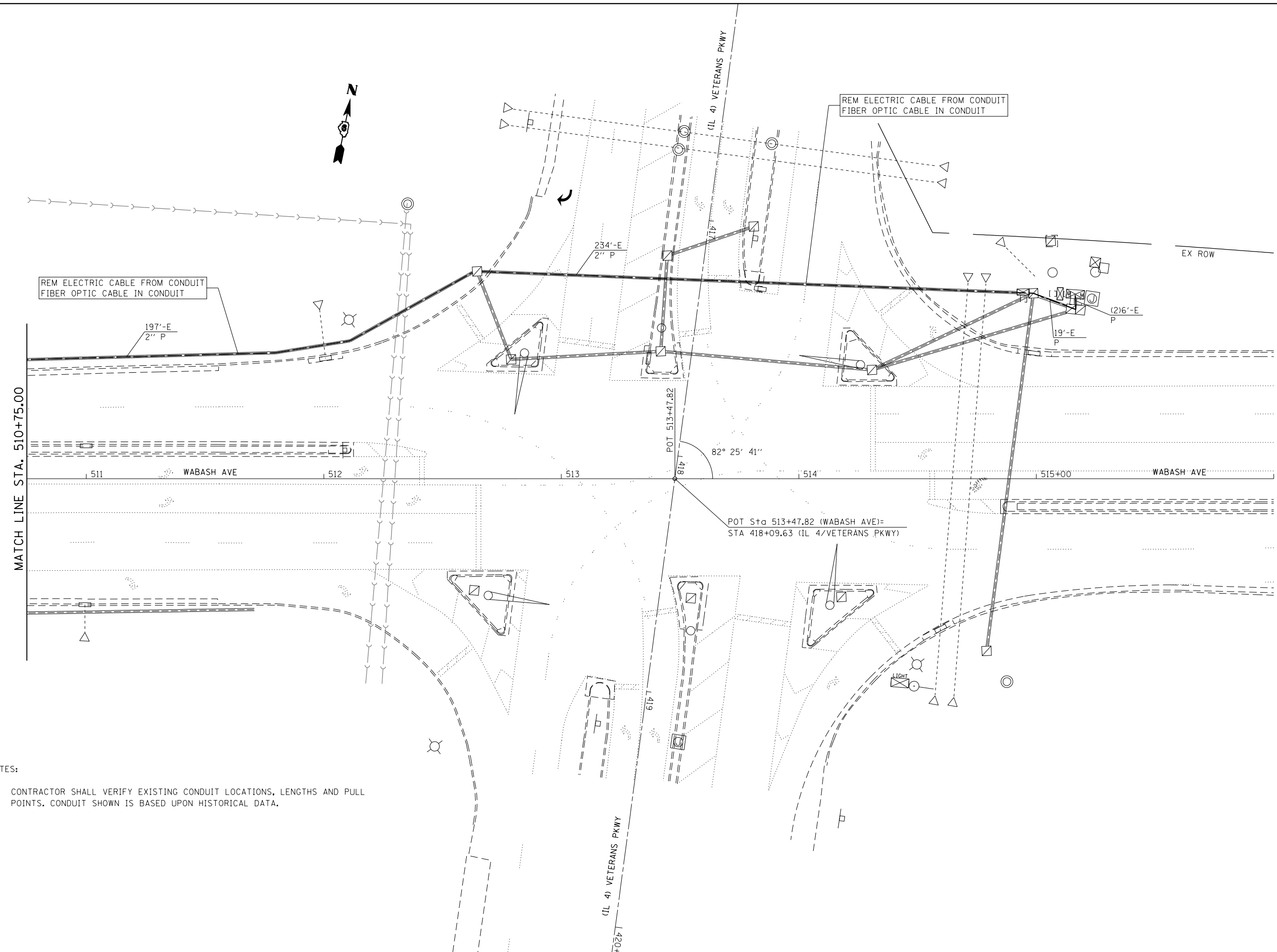


NOTES:

1. CONTRACTOR SHALL VERIFY EXISTING CONDUIT LOCATIONS, LENGTHS AND PULL POINTS. CONDUIT SHOWN IS BASED UPON HISTORICAL DATA.



|                                                                      |                                    |                |           |                                                           |                                            |  |                    |                    |                           |                   |                |
|----------------------------------------------------------------------|------------------------------------|----------------|-----------|-----------------------------------------------------------|--------------------------------------------|--|--------------------|--------------------|---------------------------|-------------------|----------------|
| FILE NAME =<br>c:\p\work\p\midot\pricesa\d0406986\0672433-sht-TS.dgn | USER NAME = pricesa                | DESIGNED - DMS | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>INTERCONNECT PLAN<br/>WABASH AVENUE</b> |  | F.A.P. RTE. = 664  | SECTION = (21)TS-3 | COUNTY = SANGAMON         | TOTAL SHEETS = 38 | SHEET NO. = 31 |
|                                                                      | PLOT SCALE = 40.0000' / in.        | CHECKED -      | REVISED - |                                                           |                                            |  | CONTRACT NO. 72H33 |                    | ILLINOIS FED. AID PROJECT |                   |                |
| Default                                                              | PLOT DATE = Jan-29-2015 09:39:54AM | DATE -         | REVISED - | SCALE: SHEET 11 OF 14 SHEETS STA. TO STA.                 |                                            |  |                    |                    |                           |                   |                |



NOTES:

- CONTRACTOR SHALL VERIFY EXISTING CONDUIT LOCATIONS, LENGTHS AND PULL POINTS. CONDUIT SHOWN IS BASED UPON HISTORICAL DATA.

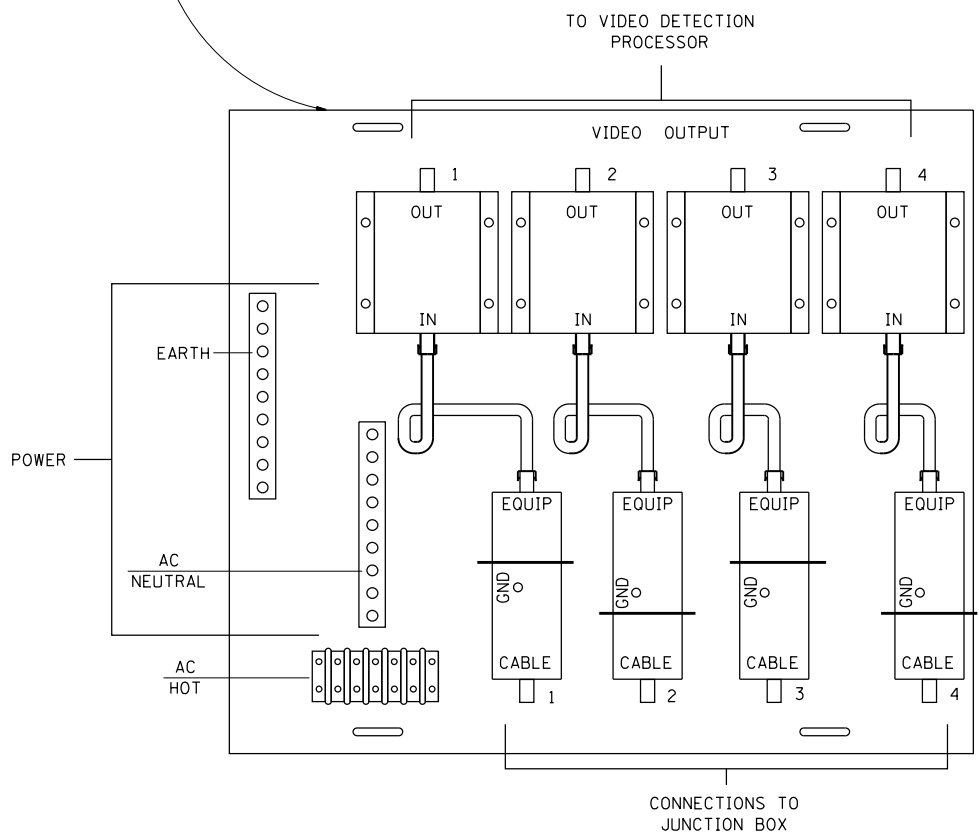
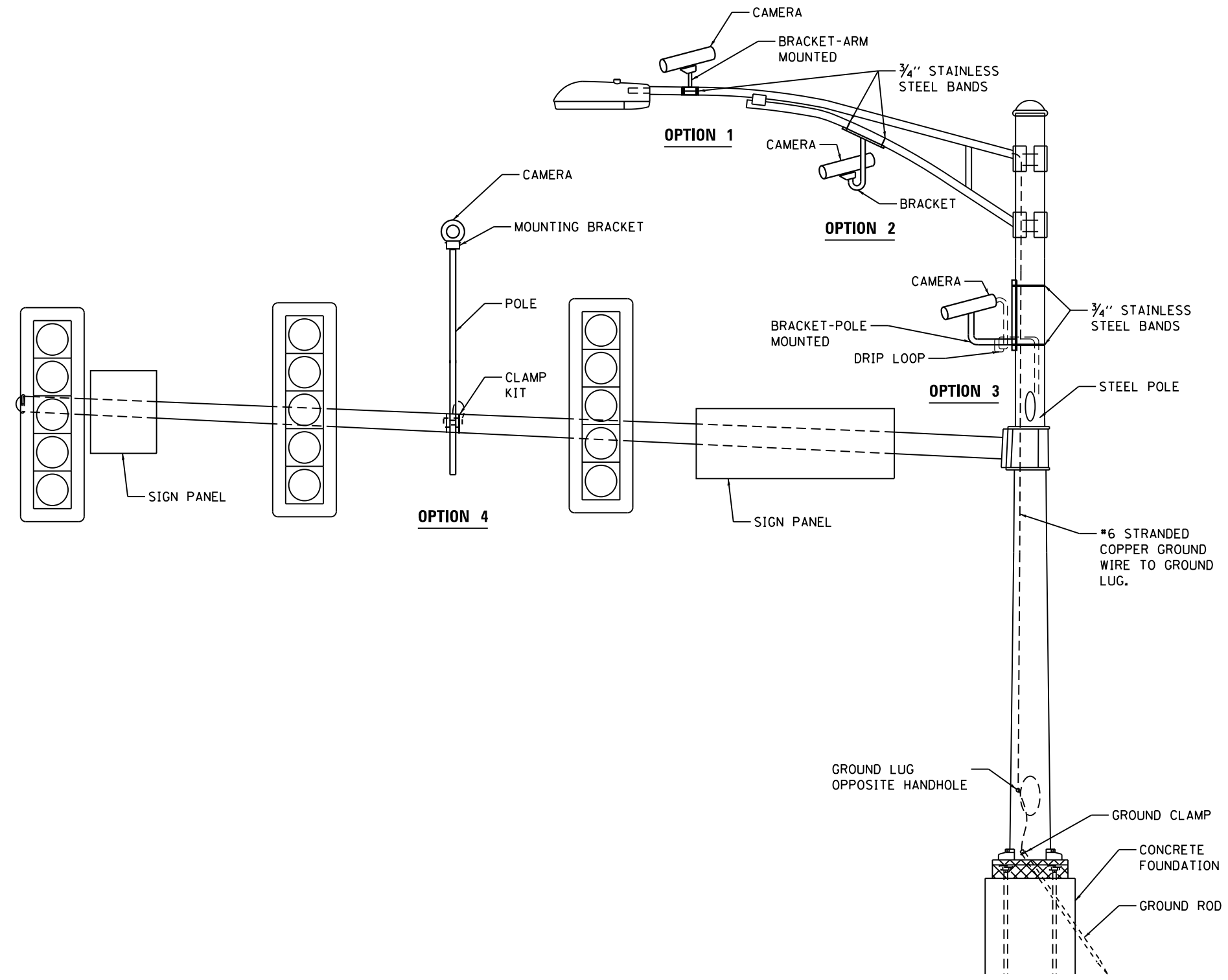
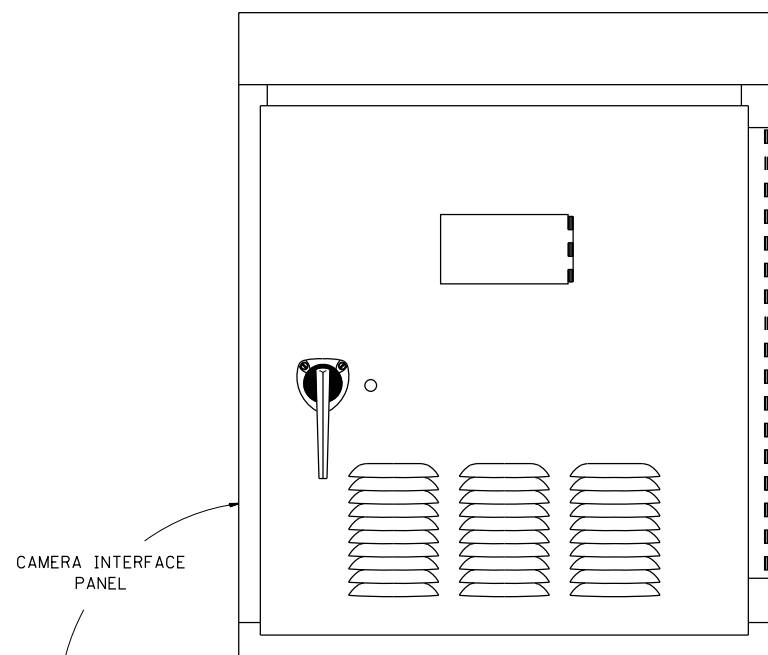
|                                                        |                                    |                |           |
|--------------------------------------------------------|------------------------------------|----------------|-----------|
| FILE NAME =                                            | USER NAME = pricesa                | DESIGNED - DMS | REVISED - |
| ct:\pw\work\p\idot\pricesa\d0406986\0672433-sht-TS.dgn |                                    | DRAWN - DMS    | REVISED - |
| Default                                                | PLOT SCALE = 40.0000' / in.        | CHECKED -      | REVISED - |
|                                                        | PLOT DATE = Jan-29-2015 09:39:55AM | DATE -         | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INTERCONNECT  
WABASH AVENUE

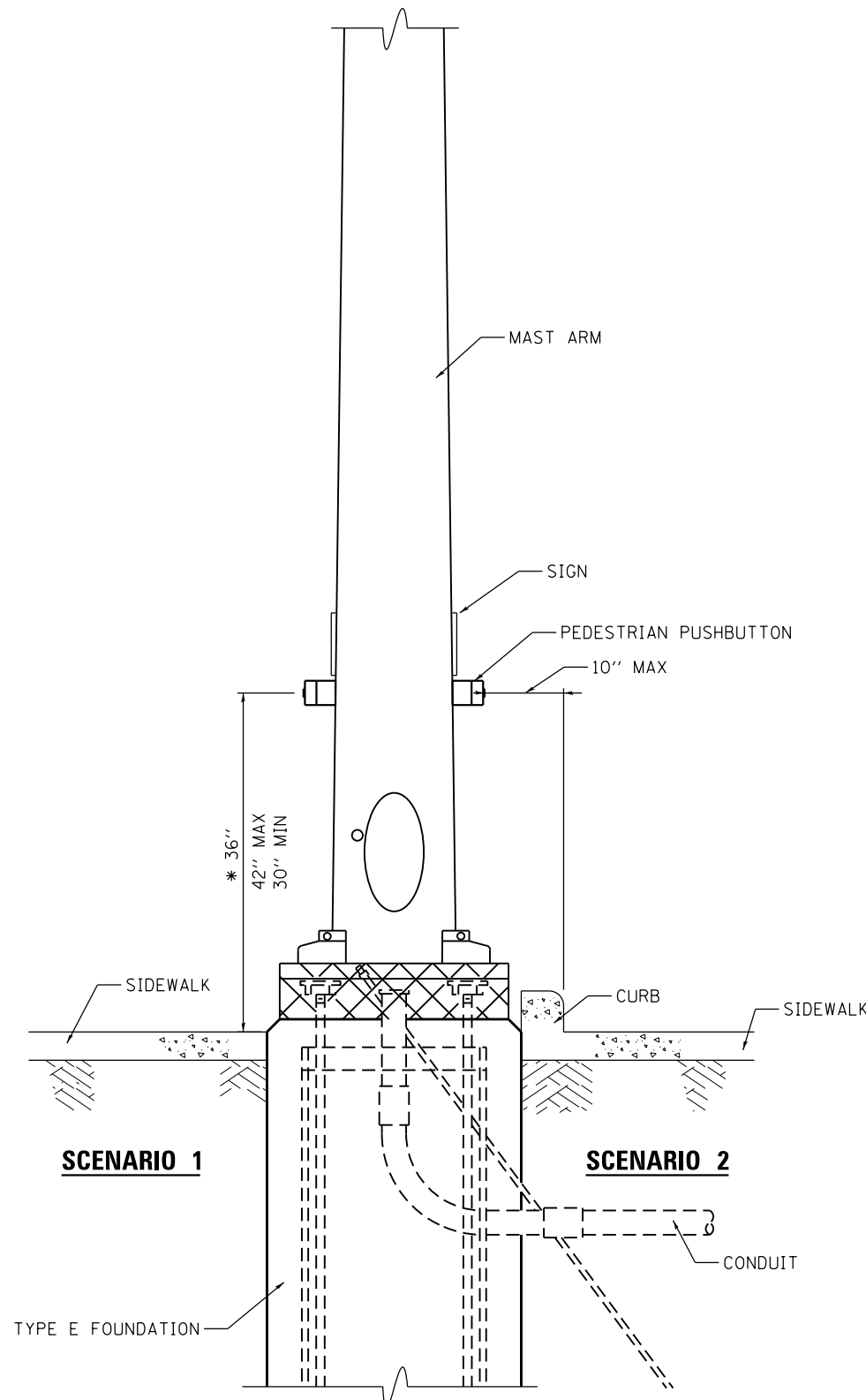
SCALE: SHEET 12 OF 14 SHEETS STA. TO STA.

| F.A.P. RTE.        | SECTION | COUNTY   | TOTAL SHEETS              | SHEET NO. |
|--------------------|---------|----------|---------------------------|-----------|
| 664                | (2)TS-3 | SANGAMON | 38                        | 32        |
| CONTRACT NO. 72H33 |         |          | ILLINOIS FED. AID PROJECT |           |



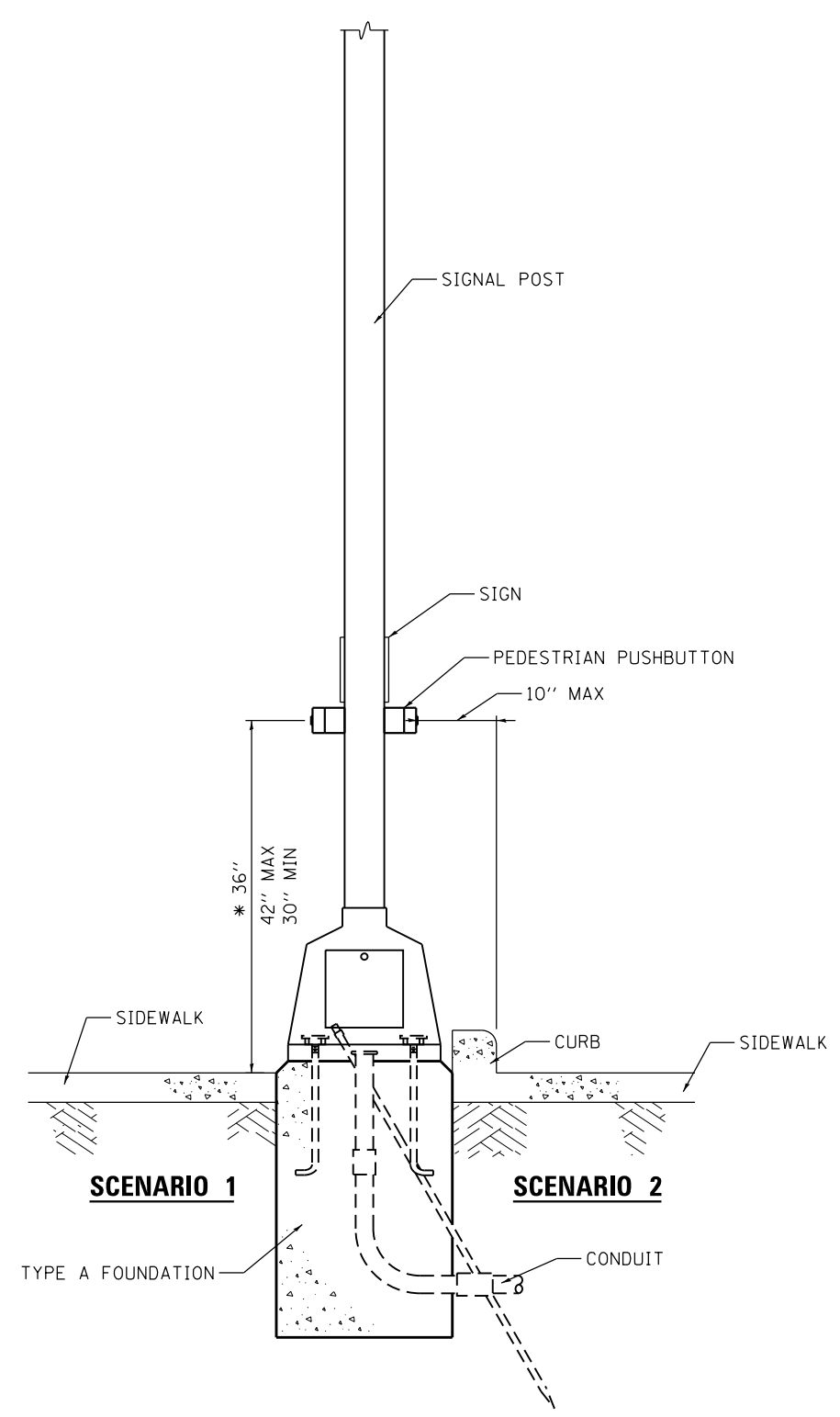
**VIDEO DETECTION SYSTEM INSTALLATION  
ARM MOUNTED, MAST-ARM MOUNTED, OR POLE MOUNTED**

|             |                                                         |            |                          |                                                           |                                                                    |                           |         |          |              |           |
|-------------|---------------------------------------------------------|------------|--------------------------|-----------------------------------------------------------|--------------------------------------------------------------------|---------------------------|---------|----------|--------------|-----------|
| FILE NAME = | USER NAME = pricesa                                     | DESIGNED - | REVISED - WCD 10-31-1997 | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>DISTRICT SIX<br/>VIDEO DETECTION SYSTEM INSTALLATION DETAIL</b> | F.A.P. RTE.               | SECTION | COUNTY   | TOTAL SHEETS | SHEET NO. |
| Default     | et:\pw\work\p\pidot\pricesa\d0406986\0672433-sht-TS.dgn | DRAWN -    | REVISED - DMS 10-06-2014 |                                                           |                                                                    | 664                       | (2)TS-3 | SANGAMON | 38           | 33        |
|             | PLOT SCALE = 48.0000' / in.                             | CHECKED -  | REVISED -                |                                                           |                                                                    | CONTRACT NO. 72H33        |         |          |              |           |
|             | PLOT DATE = Jan-29-2015 09:39:55AM                      | DATE -     | REVISED -                |                                                           |                                                                    | ILLINOIS FED. AID PROJECT |         |          |              |           |
|             |                                                         |            |                          | SCALE:                                                    | SHEET 13 OF 14 SHEETS                                              | STA.                      | TO STA. |          |              |           |



**PEDESTRIAN PUSHBUTTON INSTALLATION,  
MAST ARM**

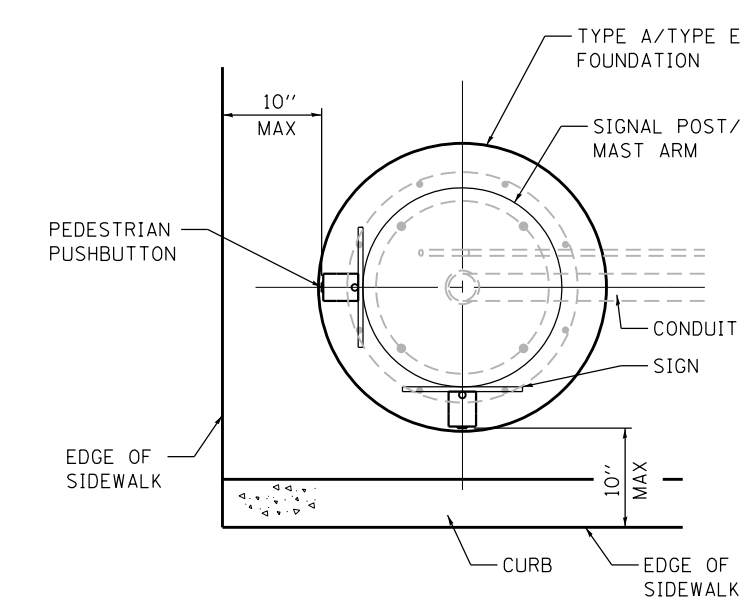
\* 36" PREFERRED



**PEDESTRIAN PUSHBUTTON INSTALLATION,  
SIGNAL POST**

**GENERAL NOTES**

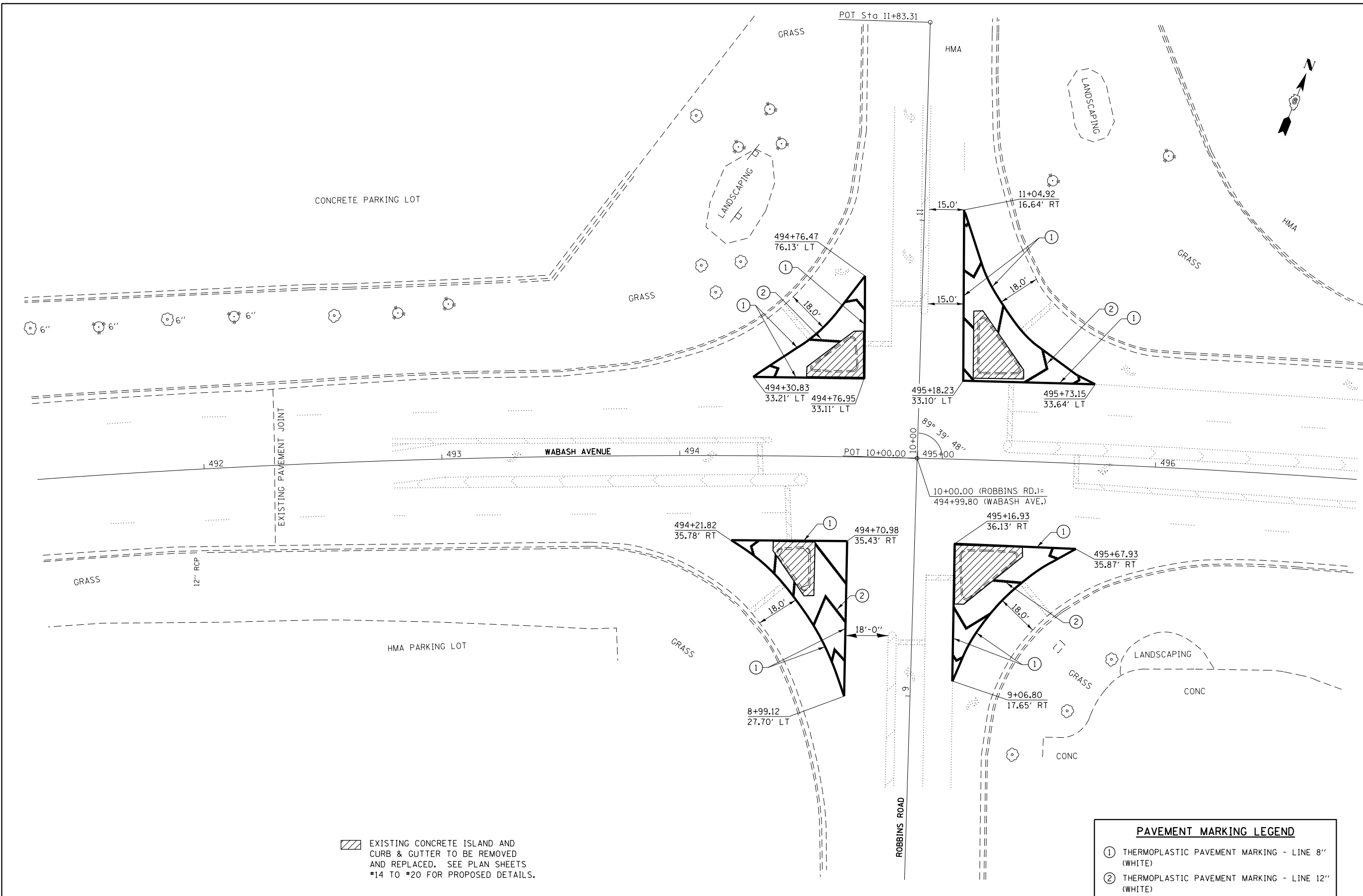
1. PREFERRED MOUNTING HEIGHT OF THE PUSHBUTTON SHALL BE APPROXIMATELY 3 FEET. THE HEIGHT SHALL BE MAXIMUM OF 3.5 FEET AND MINIMUM OF 2.5 FEET ABOVE SIDEWALK.
2. REACH OF THE PUSHBUTTON SHALL BE A MAXIMUM OF 10 INCHES FROM THE EDGE OF THE SIDEWALK.
3. PUSHBUTTON SHALL BE UNOBSTRUCTED AND ADJACENT TO ALL-WEATHER 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 = pricesa                                 | DESIGNED - DMS 11-18-2014 | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>DISTRICT SIX<br/>PEDESTRIAN PUSHBUTTON INSTALLATION DETAIL</b> | F.A.P. RTE.               | SECTION | COUNTY       | TOTAL SHEETS | SHEET NO. |  |
| Default     | et:\pwork\pwork\pricesa\d0406986\0672433-shr-TS.dgn | DRAWN - DMS 11-18-2014    | REVISED - |                                                           |                                                                   | 664                       | (2)TS-3 | SANGAMON     | 38           | 34        |  |
|             | PLOT SCALE = 40.0000' / in.                         | CHECKED -                 | REVISED - |                                                           |                                                                   | CONTRACT NO. 72H33        |         |              |              |           |  |
|             | PLOT DATE = Jan-29-2015 09:39:56AM                  | DATE -                    | REVISED - |                                                           |                                                                   | ILLINOIS FED. AID PROJECT |         |              |              |           |  |
|             |                                                     |                           |           | SCALE:                                                    |                                                                   | SHEET 14 OF 14 SHEETS     |         | STA. TO STA. |              |           |  |





 EXISTING CONCRETE ISLAND AND CURB & GUTTER TO BE REMOVED AND REPLACED. SEE PLAN SHEETS #14 TO #20 FOR PROPOSED DETAILS.

| PAVEMENT MARKING LEGEND |                                                   |
|-------------------------|---------------------------------------------------|
| ①                       | THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)  |
| ②                       | THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE) |

|                                                        |                                    |                   |           |
|--------------------------------------------------------|------------------------------------|-------------------|-----------|
| FILE NAME =                                            | USER NAME = pricesa                | DESIGNED - RTS    | REVISED - |
| et:\pw\work\p\dot\pricesa\d0406986\0672433-sht-pmk.dgn |                                    | DRAWN - RTS       | REVISED - |
| Default                                                | PLOT SCALE = 40.0000' / in.        | CHECKED -         | REVISED - |
|                                                        | PLOT DATE = Jan-29-2015 09:39:58AM | DATE - 11-17-2014 | REVISED - |

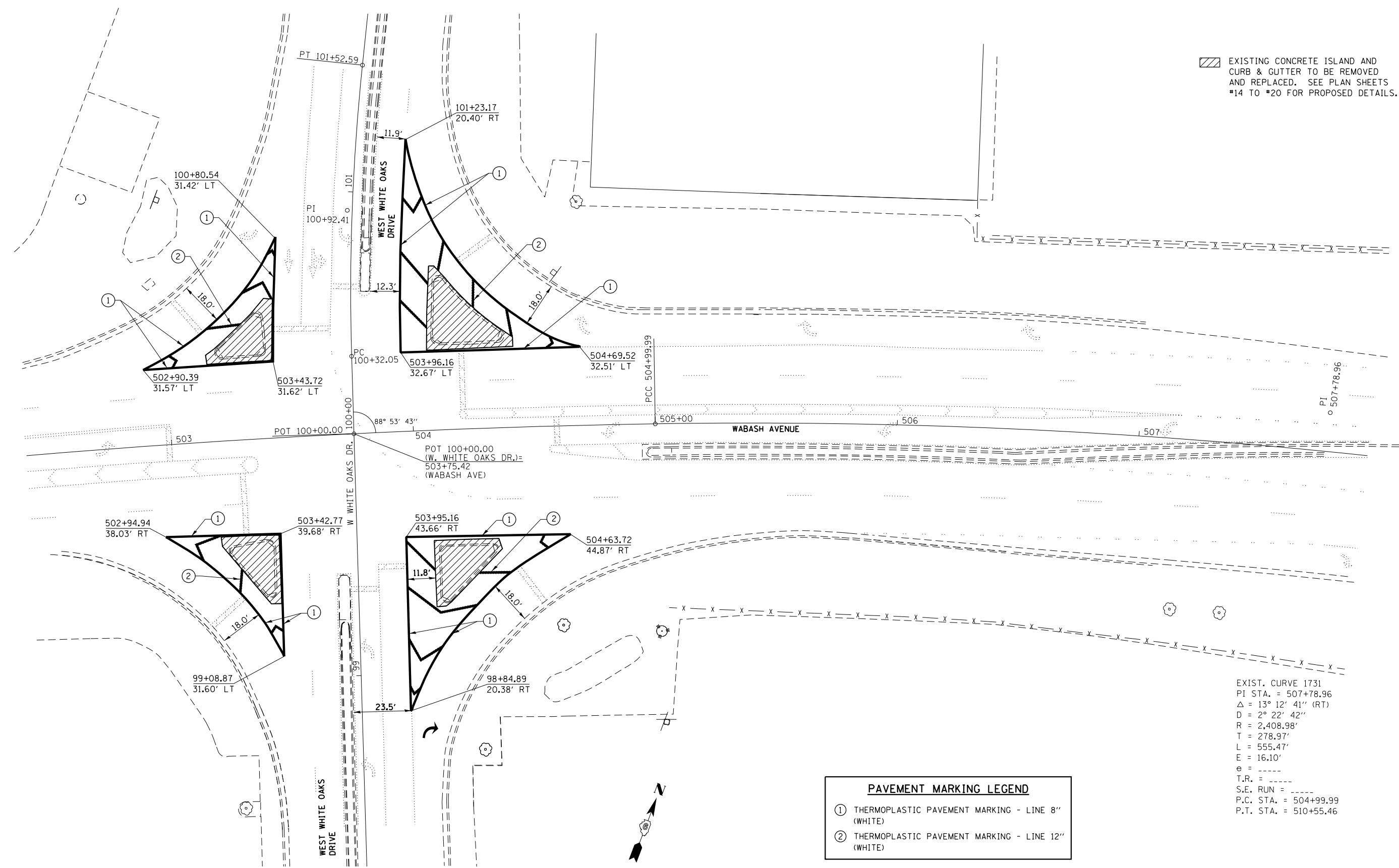
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

| PAVEMENT MARKING, ROBBINS ROAD |         |             |              |
|--------------------------------|---------|-------------|--------------|
| SCALE:                         | SHEET 1 | OF 2 SHEETS | STA. TO STA. |

| F.A.P. RTE.               | SECTION   | COUNTY   | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------|----------|--------------|-----------|
| 664                       | (21) TS-3 | SANGAMON | 38           | 35        |
| CONTRACT NO. 72H33        |           |          |              |           |
| ILLINOIS FED. AID PROJECT |           |          |              |           |



EXISTING CONCRETE ISLAND AND CURB & GUTTER TO BE REMOVED AND REPLACED. SEE PLAN SHEETS #14 TO #20 FOR PROPOSED DETAILS.



| PAVEMENT MARKING LEGEND |                                                   |
|-------------------------|---------------------------------------------------|
| ①                       | THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)  |
| ②                       | THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE) |

EXIST. CURVE 1731  
 PI STA. = 507+78.96  
 $\Delta$  = 13° 12' 41" (RT)  
 D = 2° 22' 42"  
 R = 2,408.98'  
 T = 278.97'  
 L = 555.47'  
 E = 16.10'  
 e = ----  
 T.R. = ----  
 S.E. RUN = ----  
 P.C. STA. = 504+99.99  
 P.T. STA. = 510+55.46

|                                                          |                                    |                   |           |
|----------------------------------------------------------|------------------------------------|-------------------|-----------|
| FILE NAME =                                              | USER NAME = pricesa                | DESIGNED - RTS    | REVISED - |
| ct:\pw\work\p\midot\pricesa\d0406986\0672433-sht-pmk.dgn |                                    | DRAWN - RTS       | REVISED - |
| Default                                                  | PLOT SCALE = 48.0000' / in.        | CHECKED -         | REVISED - |
|                                                          | PLOT DATE = Jan-29-2015 09:39:58AM | DATE - 11-17-2014 | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING,  
 WEST WHITE OAKS DRIVE**

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

| F.A.P. RTE.               | SECTION   | COUNTY   | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------|----------|--------------|-----------|
| 664                       | (21) TS-3 | SANGAMON | 38           | 36        |
| CONTRACT NO. 72H33        |           |          |              |           |
| ILLINOIS FED. AID PROJECT |           |          |              |           |



# SOIL BORING LOG

Date 10/10/14

ROUTE 664 (Wabash Ave) DESCRIPTION Mast Arm NW corner Wabash Ave and Robbins Rd LOGGED BY M. Tappan

SECTION (21)TS-3 LOCATION Springfield, SEC., TWP., RNG., PM

COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140# Auto

| STRUCT. NO.                                                           | D    | B   | U  | M  | Surface Water Elev. | D    | B    | U     | M   |
|-----------------------------------------------------------------------|------|-----|----|----|---------------------|------|------|-------|-----|
| Station                                                               | E    | L   | C  | O  | Stream Bed Elev.    | E    | L    | C     | O   |
| BORING NO.                                                            | P    | O   | S  | I  | Groundwater Elev.:  | P    | O    | S     | I   |
| Station                                                               | T    | W   | Qu | T  | First Encounter     | H    | S    | Qu    | T   |
| Offset                                                                | H    | S   |    |    | Upon Completion     | (ft) | /6"  | (tsf) | (%) |
| Ground Surface Elev.                                                  | (ft) |     |    |    | After 4days Hrs.    | (ft) |      |       |     |
| Brown Dirty Med SANDY GRAVEL (FILL)                                   |      |     |    |    | 586.20              |      |      |       |     |
|                                                                       | 1    |     |    |    |                     | 0    |      |       |     |
|                                                                       | 10   |     |    |    |                     | 5    | 10.4 |       | 11  |
|                                                                       | 11   |     |    |    |                     | 17   | S-14 |       |     |
| 603.70                                                                |      |     |    |    |                     |      |      |       |     |
| Olive and V. Dark Gray Moist SILTY CLAY (hit CC @6.5', moved 5' east) |      |     |    |    |                     |      |      |       |     |
|                                                                       | 1    |     |    |    |                     | 4    |      |       |     |
|                                                                       | 4    | 2.1 |    | 28 |                     | 26   | 9.8  |       | 10  |
|                                                                       | -5   | 5   | B  |    |                     | -25  | 34   | S-14  |     |
| 601.20                                                                |      |     |    |    |                     |      |      |       |     |
| Grayish Brown Moist SILTY CLAY LOAM                                   |      |     |    |    |                     |      |      |       |     |
|                                                                       | 1    |     |    |    |                     |      |      |       |     |
|                                                                       | 3    | 1.3 |    | 27 |                     |      |      |       |     |
|                                                                       | 3    | B   |    |    |                     |      |      |       |     |
| 598.70                                                                |      |     |    |    |                     |      |      |       |     |
| Tan and Lt Gray Wet SILT LOAM                                         |      |     |    |    |                     |      |      |       |     |
|                                                                       | 1    |     |    |    |                     | 3    |      |       |     |
|                                                                       | 2    | 0.1 |    | 31 |                     | 23   | 8.7  |       | 10  |
|                                                                       | -10  | 3   | B  |    |                     | -30  | 44   | S-13  |     |
| 595.70                                                                |      |     |    |    |                     |      |      |       |     |
| Grayish Brown V. Moist SILTY CLAY LOAM                                |      |     |    |    |                     |      |      |       |     |
|                                                                       | 1    |     |    |    |                     |      |      |       |     |
|                                                                       | 2    | 0.5 |    | 50 |                     |      |      |       |     |
|                                                                       | 2    | B   |    |    |                     |      |      |       |     |
| 593.70                                                                |      |     |    |    |                     |      |      |       |     |
| Brown and Lt Gray V. Moist SILTY CLAY FREE WATER                      |      |     |    |    |                     |      |      |       |     |
|                                                                       | 0    |     |    |    |                     | 30   |      |       |     |
|                                                                       | 1    | 0.4 |    | 25 |                     | 24   | 6.4  |       | 11  |
|                                                                       | -15  | 2   | B  |    |                     | 21   | B    |       |     |
| 591.20                                                                |      |     |    |    |                     |      |      |       |     |
| Brown and Lt Gray V. Moist SILTY CLAY (Till) w/ Iron Oxide Nodules    |      |     |    |    |                     |      |      |       |     |
|                                                                       | 0    |     |    |    |                     |      |      |       |     |
|                                                                       | 1    | 0.5 |    | 24 |                     |      |      |       |     |
|                                                                       | 1    | B   |    |    |                     |      |      |       |     |
|                                                                       | 0    |     |    |    |                     |      |      |       |     |
| Gray and Brown Wet                                                    |      |     |    |    |                     |      |      |       |     |
|                                                                       | 0    | 0.1 |    | 33 |                     |      |      |       |     |
|                                                                       | -20  | 1   | B  |    |                     | -40  |      |       |     |

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

File Name S:\SOILS\GINT FILES\084 SANGAMON\WABASH AVE MASTARMS\WABASH AVE AND W WHITE OAKS AND ROBBINS.GPJ Data Template D6TEMPLATE.GDT Date Printed 10/20/14 Latitude 39D 45.724N Longitude 89D 42.768W Datum NAD83 Job Number 72H33



# SOIL BORING LOG

Date 10/8/14

ROUTE 664 (Wabash Ave) DESCRIPTION Mast Arm SE corner Wabash Ave and Robbins Rd LOGGED BY M. Tappan

SECTION (21)TS-3 LOCATION Springfield, SEC., TWP., RNG., PM

COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140# Auto

| STRUCT. NO.                                                   | D    | B    | U  | M  | Surface Water Elev. | D    | B   | U     | M   |
|---------------------------------------------------------------|------|------|----|----|---------------------|------|-----|-------|-----|
| Station                                                       | E    | L    | C  | O  | Stream Bed Elev.    | E    | L   | C     | O   |
| BORING NO.                                                    | P    | O    | S  | I  | Groundwater Elev.:  | P    | O   | S     | I   |
| Station                                                       | T    | W    | Qu | T  | First Encounter     | H    | S   | Qu    | T   |
| Offset                                                        | H    | S    |    |    | Upon Completion     | (ft) | /6" | (tsf) | (%) |
| Ground Surface Elev.                                          | (ft) |      |    |    | After 6days Hrs.    | (ft) |     |       |     |
| V. Dk Gray to Brown Moist SILTY CLAY disturbed                |      |      |    |    |                     |      |     |       |     |
|                                                               | 0    |      |    |    |                     |      |     |       |     |
|                                                               | 2    | 1.2  |    | 34 |                     |      |     |       |     |
|                                                               | 3    | B    |    |    |                     |      |     |       |     |
|                                                               | 1    |      |    |    |                     |      |     |       |     |
| 599.20                                                        |      |      |    |    |                     |      |     |       |     |
| Tan and Lt Gray V. Moist SILT LOAM                            |      |      |    |    |                     |      |     |       |     |
|                                                               | 2    | 0.8  |    | 24 |                     |      |     |       |     |
|                                                               | 3    | B    |    |    |                     |      |     |       |     |
|                                                               | -5   |      |    |    |                     |      |     |       |     |
|                                                               | 0    |      |    |    |                     |      |     |       |     |
|                                                               | 2    | 1.4  |    | 25 |                     |      |     |       |     |
|                                                               | 3    | B    |    |    |                     |      |     |       |     |
| 595.70                                                        |      |      |    |    |                     |      |     |       |     |
| Brown and Gray V. Moist SILTY CLAY LOAM w/ Iron Oxide Nodules |      |      |    |    |                     |      |     |       |     |
|                                                               | 0    |      |    |    |                     |      |     |       |     |
|                                                               | 1    | 0.2  |    | 26 |                     |      |     |       |     |
|                                                               | 2    | B    |    |    |                     |      |     |       |     |
| 593.20                                                        |      |      |    |    |                     |      |     |       |     |
| Tan and Lt Gray V. Moist SILTY CLAY                           |      |      |    |    |                     |      |     |       |     |
|                                                               | 0    |      |    |    |                     |      |     |       |     |
|                                                               | 1    | 0.5  |    | 24 |                     |      |     |       |     |
|                                                               | 2    | B    |    |    |                     |      |     |       |     |
|                                                               | 0    |      |    |    |                     |      |     |       |     |
|                                                               | 1    | 0.4  |    | 27 |                     |      |     |       |     |
|                                                               | 2    | B    |    |    |                     |      |     |       |     |
| 588.20                                                        |      |      |    |    |                     |      |     |       |     |
| Gray and Brown Wet CLAY LOAM (Till) FREE WATER                |      |      |    |    |                     |      |     |       |     |
|                                                               | 0    |      |    |    |                     |      |     |       |     |
|                                                               | 0    | 0.1  |    | 25 |                     |      |     |       |     |
|                                                               | 0    | B    |    |    |                     |      |     |       |     |
|                                                               | 1    |      |    |    |                     |      |     |       |     |
|                                                               | 12   | 9.0  |    | 11 |                     |      |     |       |     |
|                                                               | 20   | S-12 |    |    |                     |      |     |       |     |
|                                                               | 0    |      |    |    |                     |      |     |       |     |
| Brown Moist                                                   |      |      |    |    |                     |      |     |       |     |
|                                                               | 12   | 9.0  |    | 11 |                     |      |     |       |     |
|                                                               | 20   | S-12 |    |    |                     |      |     |       |     |
|                                                               | 0    |      |    |    |                     |      |     |       |     |
|                                                               | -20  |      |    |    |                     |      |     |       |     |

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

File Name S:\SOILS\GINT FILES\084 SANGAMON\WABASH AVE MASTARMS\WABASH AVE AND W WHITE OAKS AND ROBBINS.GPJ Data Template D6TEMPLATE.GDT Date Printed 10/20/14 Latitude 39D 45.727N Longitude 89D 42.718W Datum NAD83 Job Number 72H33

