

STORM SEWERS							STRUCTURES													
NO.	LOCATION	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12" EACH	STORM SEWERS, TYPE 1, RCCP, CL 4, 12" FOOT	USFL ELEVATION	DSFL ELEVATION	CLSM CU YD	NO.	LOCATION	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	RESTRICTED DEPTH MANHOLES, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	FLOWLINE GRATE	FLOWLINE 12" EAST	FLOWLINE 12" WEST	FLOWLINE 12" NORTH	FLOWLINE 12" SOUTH				
IL4 - EB TURN LANE							IL4 - EB TURN LANE													
S1	75.5' LT - 69.5' LT	1		602.1	602.0		M1	18.75' LT STA 326+25			1	605.70	602.5	602.6		602.7				
S2	20.25' LT - 69.5' LT		49.25	602.5	602.1	13.5	A2	6.00' LT STA 326+25	1			605.33	602.7							
S3	6.5' LT - 17.25' LT		10.75	602.7	602.6	3.3	A3	18.75' LT STA 327+50	1			606.13		603.2						
S4	18.75' LT STA 326+26.5 TO 13' LT STA 327+48.5		123	603.0	602.7	25.7	M4	13.00' LT STA 327+50		1	1	605.95	603.1	603.1	603.1	603.1				
S5	18.25' LT - 14.5' LT		3.75	603.2	603.1	0.9	B5	13.00' RT STA 327+50				605.95	603.3	603.3						
S6	11.5' LT - 12' RT		23.5	603.3	603.1	6.7	A6	18.75' RT STA 327+50	1			606.13	603.4							
S7	14' RT - 18.25' RT		4.25	603.4	603.3	0.9	A7	18.75' LT STA 329+25		1		606.64		603.6						
S8	13' LT STA 327+51 TO 13' LT STA 329+24		173	603.5	603.1	58.6	M8	13.00' LT STA 329+25		1		606.46	603.5	603.5	603.5					
S9	18.25' LT - 14.5' LT		3.75	603.6	603.5	1	B9	13.00' RT STA 329+25		1	1	606.46	603.7	603.7						
S10	11.5' LT - 12' RT		23.5	603.7	603.5	5.4	A10	18.75' RT STA 329+25	1			606.64		603.8						
S11	14' RT - 18.25' RT		4.25	603.8	603.7	1.9	B11	18.75' LT STA 330+88.60		1		607.11	603.6	603.6						
S12	17' LT - 14.5' LT		3.5	603.6	603.5	0.5	M12	13.00' LT STA 330+88.60		1	1	606.93	603.8	603.8		603.8				
S13	11.5' LT - 12' RT		23.5	604.0	603.8	1.4	B13	13.00' RT STA 330+88.60		1		606.93	604.0	604.0						
S14	14' RT - 18.25' RT		4.25	604.1	604.0	0.2	A14	18.75' RT STA 330+88.60	1			607.11	604.1							
SHEET TOTAL							1	450.25	120.0	SHEET TOTAL							6	4	4	



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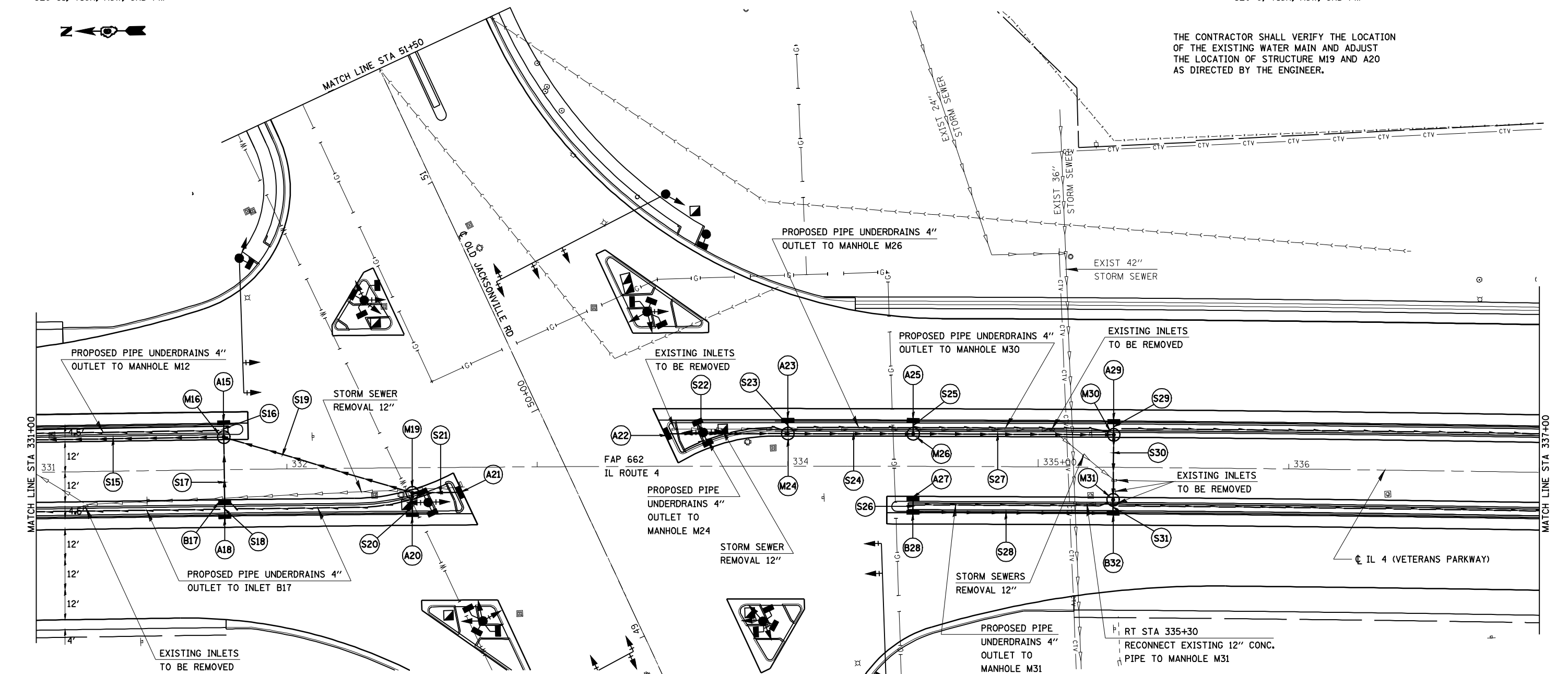
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL 4 (VETERANS PARKWAY) - DRAINAGE
 SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	101
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

THE CONTRACTOR SHALL VERIFY THE LOCATION OF THE EXISTING WATER MAIN AND ADJUST THE LOCATION OF STRUCTURE M19 AND A20 AS DIRECTED BY THE ENGINEER.



STORM SEWERS		PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12\"	STORM SEWERS, TYPE 1, RCCP, CL 4, 12\"	USFL ELEVATION	DSFL ELEVATION	CLSM
NO.	LOCATION	EACH	FOOT			CU YD
IL4 - EB TURN LANE						
S15	13' LT STA 330+90.1 TO 13' LT STA 331+73.5		83.4	604.0	603.8	10.7
S16	18.25' LT - 14.5' LT STA 331+75		3.75	604.1	604.0	0.3
S17	11.5' LT - 12' RT STA 331+75		23.5	604.2	604.0	3.9
S18	14' RT - 18.25' RT STA 331+75		4.25	604.3	604.2	0.3
S19	13' LT STA 331+76.5 TO 10' RT STA 332+48.5		76	604.4	604.1	9.3
S20	11.5' RT - 18.25' RT STA 332+50		6.75	604.5	604.4	0.8
S21	10' RT STA 332+51.5 TO 10' RT STA 332+68.5		17	604.5	604.4	1.9
IL4 - WB TURN LANE						
S22	13' LT STA 333+51.90 TO 13' LT STA 333+98.5		46.6	605.6	605.3	3.2
S23	18.25' LT - 14.5' LT STA 334+00		3.75	605.5	605.3	0.3
S24	13' LT STA 334+01.5 TO 13' LT STA 334+48.5		47	605.2	604.9	3.7
S25	18.25' LT - 14.5' LT STA 334+50		3.75	605.1	604.9	0.2
S26	13.5' RT - 17.75' RT STA 334+50		4.25	605.1	604.9	0.1
S27	13' LT STA 334+51.5 TO 13' LT STA 335+29.1		77.6	604.8	604.4	8.7
S28	18.75' RT STA 334+51.0 TO 18.75' RT STA 335+29.6		78.6	604.8	604.4	8.8
S29	18.25' LT - 14.5' LT STA 335+30.6		3.75	604.6	604.4	0.4
S30	11.5' LT - 11.5' RT STA 335+30.6		23	604.3	604.1	5.1
S31	14.5' RT - 17.75' RT STA 335+30.6		3.25	604.3	604.1	0.4
SHEET TOTAL		0	506.2			58.1

STRUCTURES		INLETS, TYPE A, TYPE 24 FRAME AND GRATE	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	RESTRICTED DEPTH MANHOLES, 4' DIAMETER, TYPE 24 FRAME AND GRATE	FLOWLINE GRATE	FLOWLINE 12' EAST	FLOWLINE 12' WEST	FLOWLINE 12' NORTH	FLOWLINE 12' SOUTH
NO.	LOCATION								
IL4 - EB TURN LANE									
A15	18.75' LT STA 331+75	1			607.34		604.1		
M16	13.00' LT STA 331+75		1		607.16	604.0	604.0	604.0	
B17	13.00' RT STA 331+75		1		607.16	604.2	604.2		604.1
A18	18.75' RT STA 331+75	1			607.34	604.3			
M19	10.00' RT STA 332+50		1		607.54		604.4	604.4	604.4
A20	18.75' RT STA 332+50	1			607.53	604.5			
A21	10.00' RT STA 332+69	1			607.63		604.5		
IL4 - WB TURN LANE									
A22	13.00' LT STA 333+51.4	1			607.80				605.6
A23	18.75' LT STA 334+00	1			607.77		605.5		
M24	13.00' LT STA 334+00	1			607.61	605.3		605.3	605.2
A25	18.75' LT STA 334+50	1			607.79		605.1		
M26	13.00' LT STA 334+50	1			607.61	604.9		604.9	604.8
A27	13.00' RT STA 334+50	1			607.77		605.1		
B28	18.75' RT STA 334+50		1		607.79	604.9			604.8
A29	18.75' LT STA 335+30.60	1			607.78		604.6		
M30	13.00' LT STA 335+30.60		1		607.60	604.4	604.3	604.4	
M31	13.00' RT STA 335+30.60		1		607.60	604.1	604.1	603.9	
B32	18.75' RT STA 335+30.60		1		607.78	604.3		604.4	
SHEET TOTAL		9	3		6				



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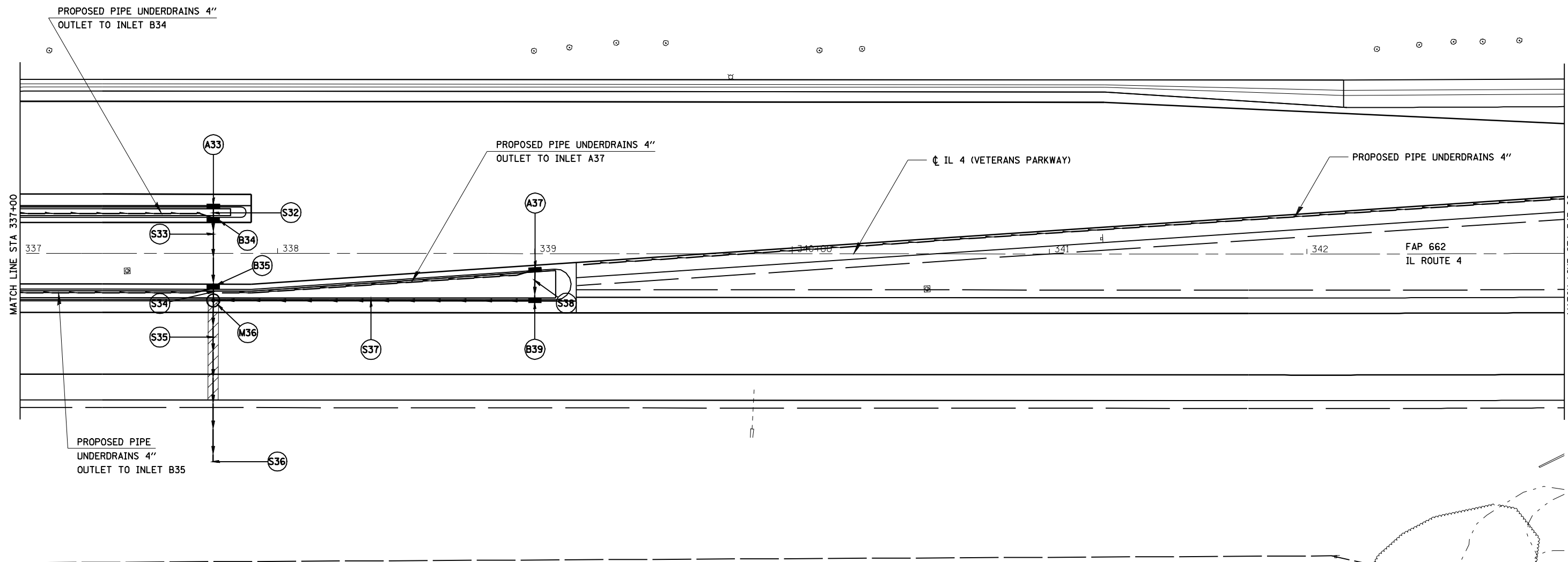
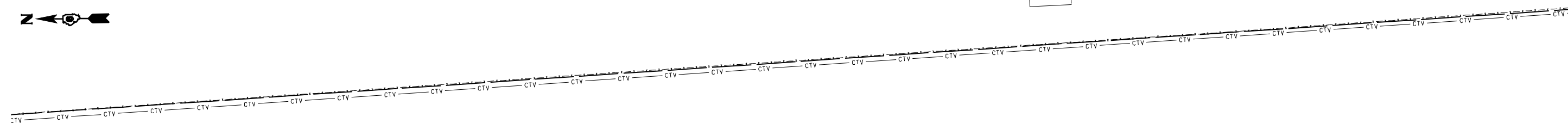
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL 4 (VETERANS PARKWAY) - DRAINAGE

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	102
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



STORM SEWERS

NO.	LOCATION	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12" EACH	STORM SEWERS, TYPE 1, RCCP, CL 4, 12" FOOT	USFL ELEVATION	DSFL ELEVATION	CLSM
IL4 - WB TURN LANE						
S32	18.25' LT - 14' LT	STA 337+75	4.25	604.5	604.3	0.4
S33	12' LT - 12' RT	STA 337+75	24	604.2	604.0	4.8
S34	14' RT - 17.25' RT	STA 337+75	3.25	603.9	603.7	0.2
S35	20.25' RT - 70.25' RT	STA 337+75	50	603.6	603.2	4.5
S36	70.25' RT - 76.25' RT	STA 337+75	1	603.2	603.1	
S37	18.75' RT STA 337+76.5 TO 18.75' RT STA 338+99		122.5	603.9	603.7	15.7
S38	6.75' RT - 17.75' RT	STA 337+75	11	604.2	604.0	1.0
SHEET TOTAL			1	215		26.6

STRUCTURES

NO.	LOCATION	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	RESTRICTED DEPTH MANHOLES, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	FLOWLINE GRATE	FLOWLINE 12" EAST	FLOWLINE 12" WEST	FLOWLINE 12" NORTH	FLOWLINE 12" SOUTH
IL4 - WB TURN LANE									
A33	18.75' LT STA 337+75	1			607.22		604.5		
B34	13.00' LT STA 337+75		1		607.05	604.3	604.2		
B35	13.00' RT STA 337+75		1		606.80	604.0	603.9		
M36	18.75' RT STA 337+75			1	607.22	603.7	603.6		603.6
A37	6.25' RT STA 339+00	1			606.16		604.2		
B39	18.75' RT STA 339+00		1		606.58	604.0		603.9	
SHEET TOTAL		2	3	1					



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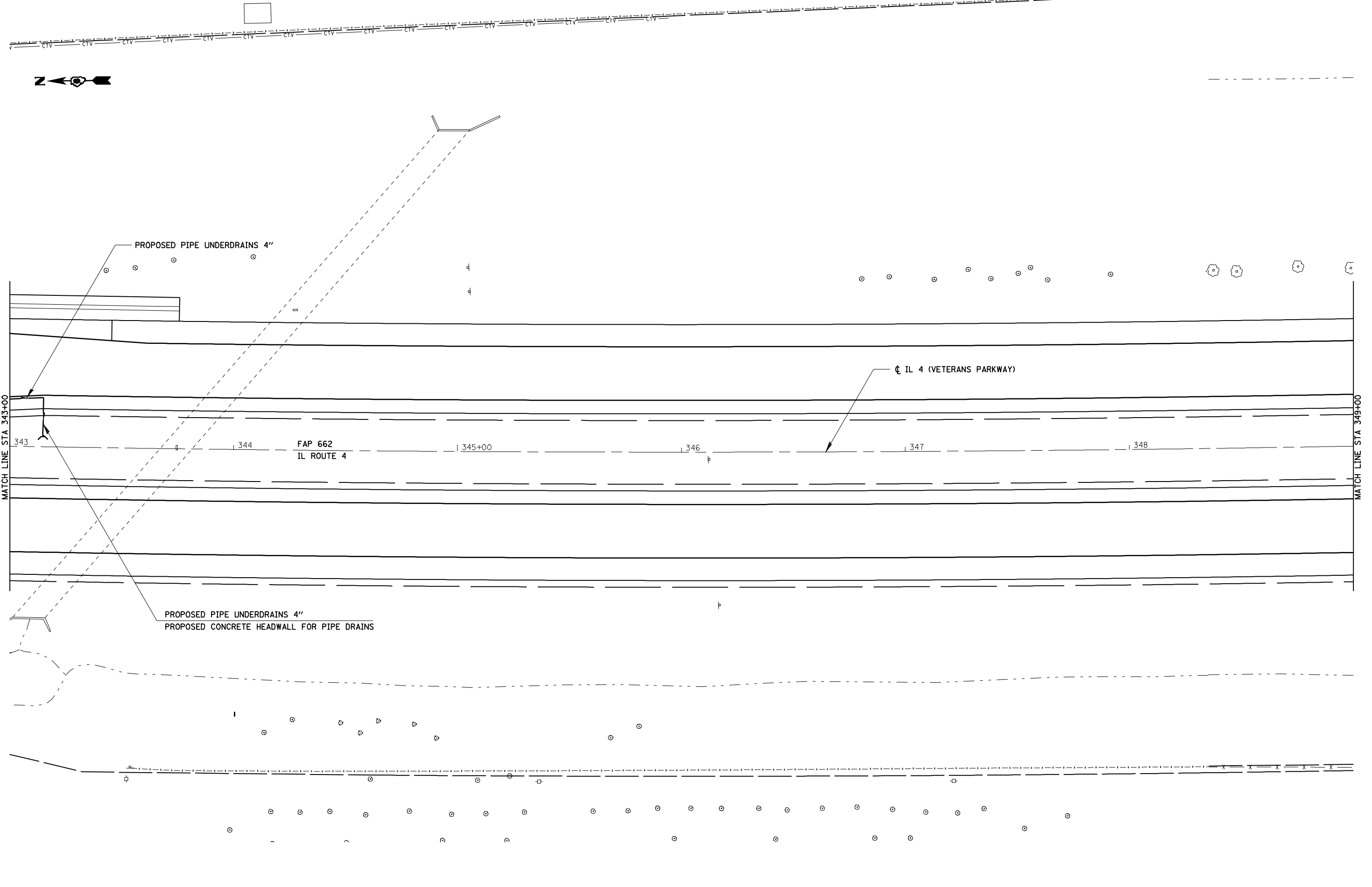
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 4 (VETERANS PARKWAY) - DRAINAGE

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	103
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

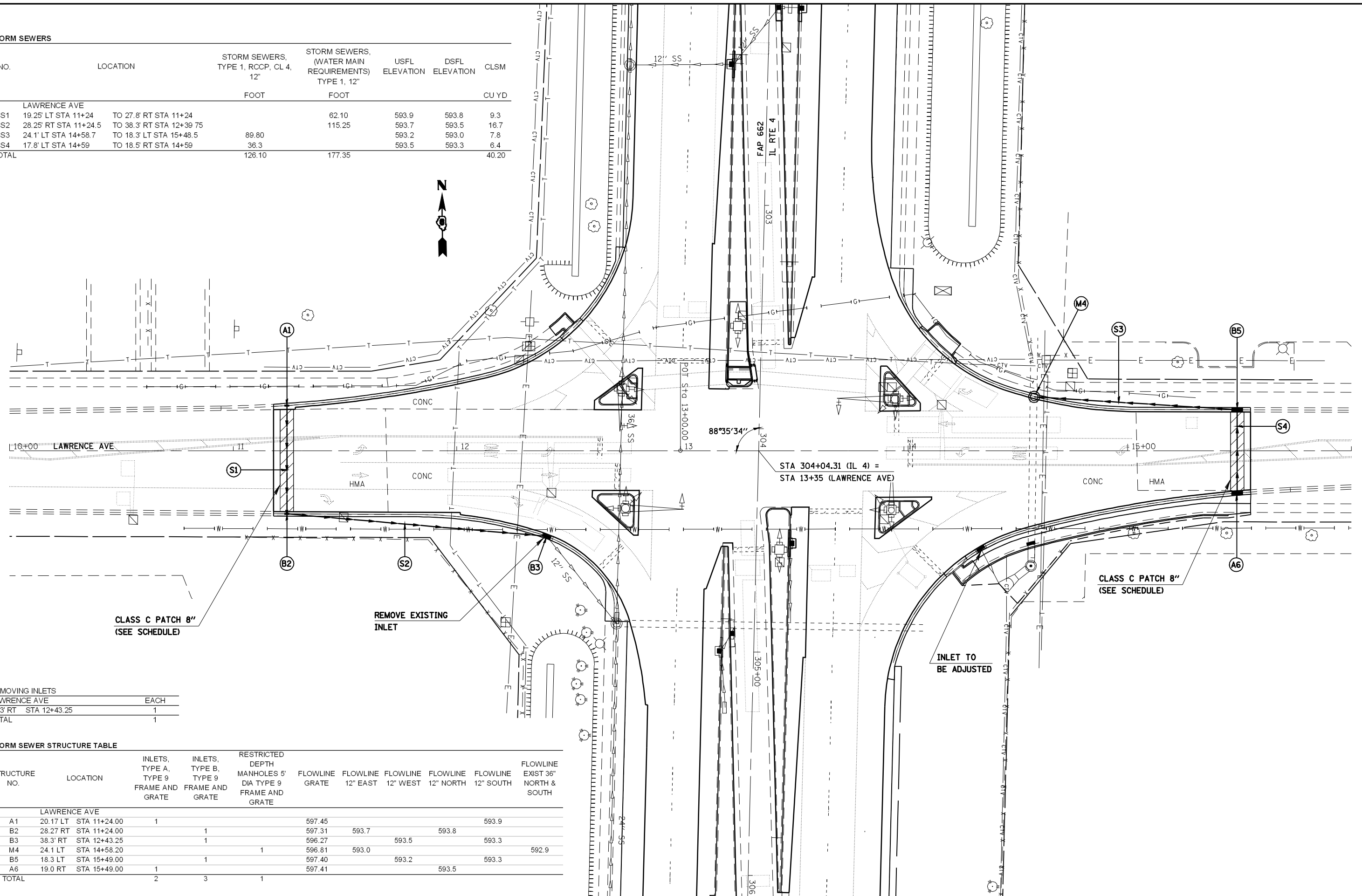
IL 4 (VETERANS PARKWAY) - DRAINAGE

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	104
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

STORM SEWERS

NO.	LOCATION	STORM SEWERS, TYPE 1, RCCP, CL 4, 12"		USFL ELEVATION	DSFL ELEVATION	CLSM CU YD
		FOOT	FOOT			
LAWRENCE AVE						
S1	19.25' LT STA 11+24 TO 27.8' RT STA 11+24		62.10	593.9	593.8	9.3
S2	28.25' RT STA 11+24.5 TO 38.3' RT STA 12+39.75		115.25	593.7	593.5	16.7
S3	24.1' LT STA 14+58.7 TO 18.3' LT STA 15+48.5	89.80		593.2	593.0	7.8
S4	17.8' LT STA 14+59 TO 18.5' RT STA 14+59	36.3		593.5	593.3	6.4
TOTAL		126.10	177.35			40.20



REMOVING INLETS	
LAWRENCE AVE	EACH
38.3' RT STA 12+43.25	1
TOTAL	1

STORM SEWER STRUCTURE TABLE

STRUCTURE NO.	LOCATION	INLETS, TYPE A, TYPE 9 FRAME AND GRATE	INLETS, TYPE B, TYPE 9 FRAME AND GRATE	RESTRICTED DEPTH MANHOLES 5' DIA TYPE 9 FRAME AND GRATE	FLOWLINE GRATE	FLOWLINE 12" EAST	FLOWLINE 12" WEST	FLOWLINE 12" NORTH	FLOWLINE 12" SOUTH	FLOWLINE EXIST 36" NORTH & SOUTH
A1	20.17 LT STA 11+24.00	1			597.45					593.9
B2	28.27 RT STA 11+24.00		1		597.31	593.7		593.8		
B3	38.3' RT STA 12+43.25		1		596.27		593.5		593.3	
M4	24.1 LT STA 14+58.20			1	596.81	593.0				592.9
B5	18.3 LT STA 15+49.00		1		597.40		593.2		593.3	
A6	19.0 RT STA 15+49.00	1			597.41			593.5		
TOTAL		2	3	1						



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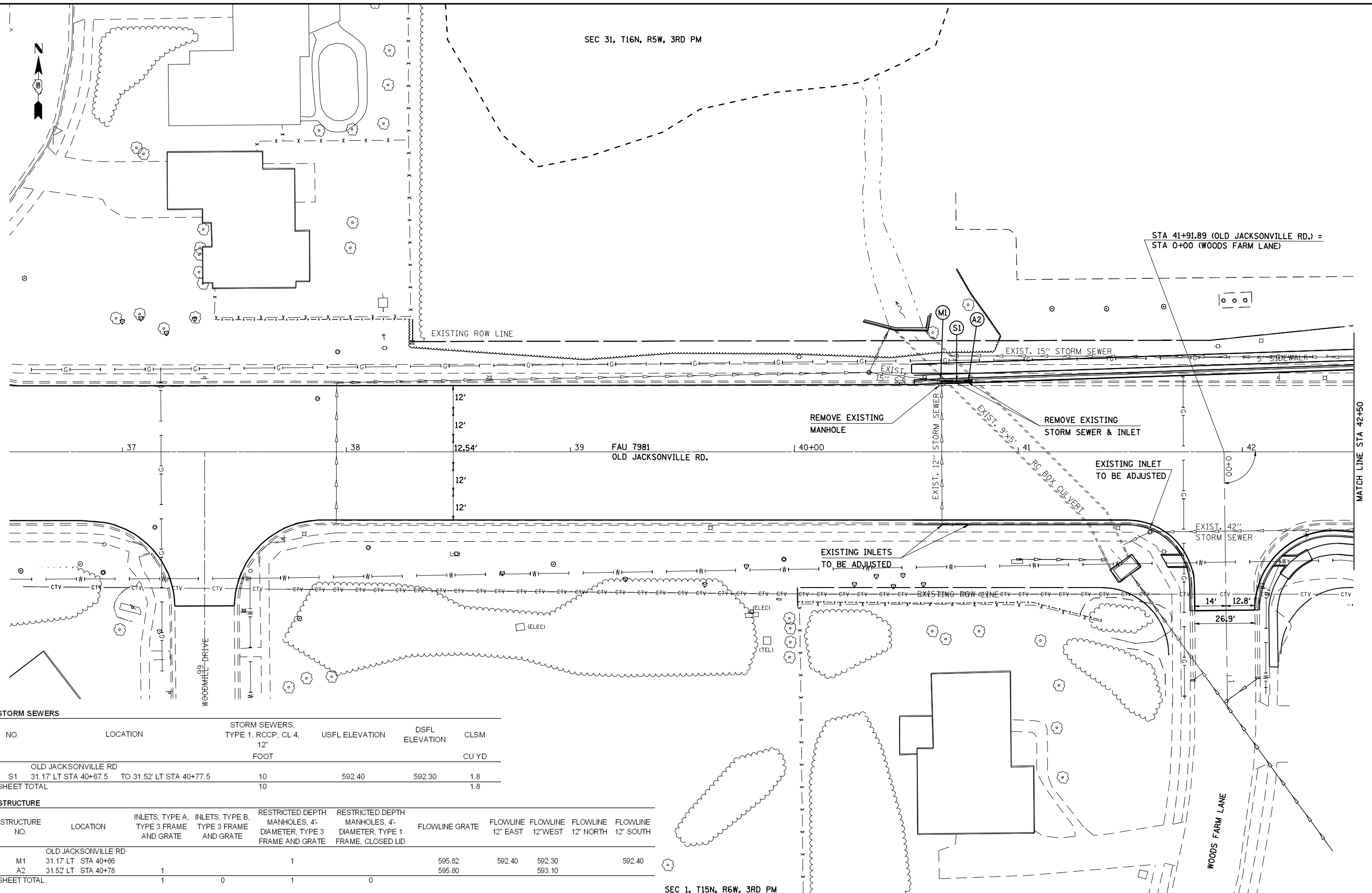
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LAWRENCE AVE - DRAINAGE

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	105
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

SEC 31, T16N, R5W, 3RD PM



STA 41+91.89 (OLD JACKSONVILLE RD.) =
STA 0+00 (WOODS FARM LANE)

MATCH LINE STA 42+50

STORM SEWERS

NO.	LOCATION	STORM SEWERS, TYPE 1, RCCP, CL 4, 12' FOOT	USFL ELEVATION	DSFL ELEVATION	CLSM CU YD
S1	OLD JACKSONVILLE RD 31.17' LT STA 40+67.5 TO 31.52' LT STA 40+77.5	10	592.40	592.30	1.8
SHEET TOTAL		10			1.8

STRUCTURE

STRUCTURE NO.	LOCATION	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	RESTRICTED DEPTH MANHOLES, 4'- DIAMETER, TYPE 3 FRAME AND GRATE	RESTRICTED DEPTH MANHOLES, 4'- DIAMETER, TYPE 1 FRAME, CLOSED LID	FLOWLINE GRATE	FLOWLINE 12" EAST	FLOWLINE 12" WEST	FLOWLINE 12" NORTH	FLOWLINE 12" SOUTH
M1	OLD JACKSONVILLE RD 31.17' LT STA 40+66			1			595.82	592.40	592.30	592.40
A2	31.52' LT STA 40+78	1	0				595.80		593.10	
SHEET TOTAL		1	0	1	0					

SEC 1, T15N, R6W, 3RD PM



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

OLD JACKSONVILLE RD - DRAINAGE

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

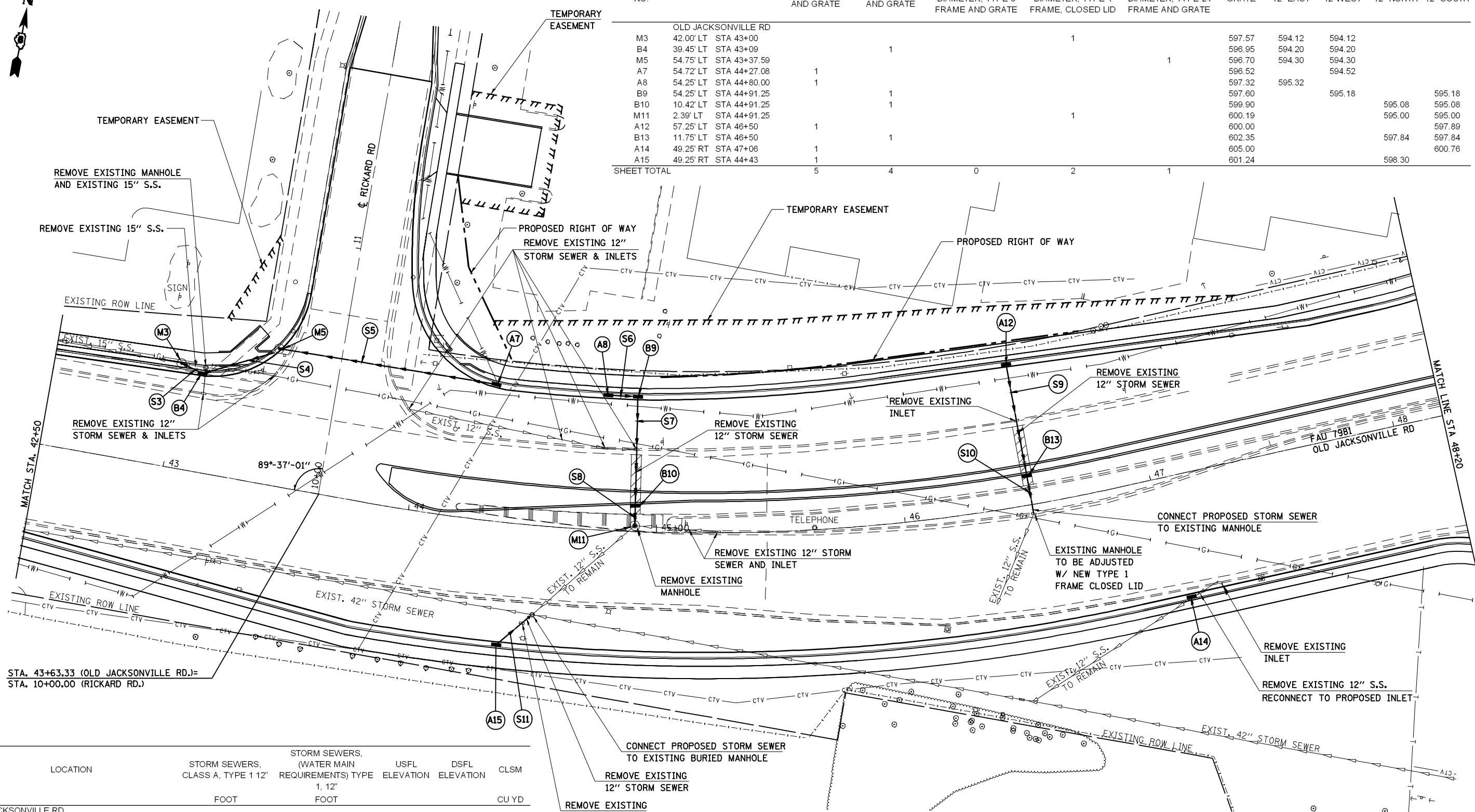
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	106
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SEC 31, T16N, R5W, 3RD PM



STRUCTURE

STRUCTURE NO.	LOCATION	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	RESTRICTED DEPTH MANHOLES, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	RESTRICTED DEPTH MANHOLES, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	RESTRICTED DEPTH MANHOLES, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	FLOWLINE GRATE	FLOWLINE 12" EAST	FLOWLINE 12" WEST	FLOWLINE 12" NORTH	FLOWLINE 12" SOUTH
M3	42.00' LT STA 43+00						597.57	594.12	594.12		
B4	39.45' LT STA 43+09		1				596.95	594.20	594.20		
M5	54.75' LT STA 43+37.59					1	596.70	594.30	594.30		
A7	54.72' LT STA 44+27.08	1					596.52		594.52		
A8	54.25' LT STA 44+80.00	1					597.32	595.32			
B9	54.25' LT STA 44+91.25		1				597.60		595.18		595.18
B10	10.42' LT STA 44+91.25		1				599.90			595.08	595.08
M11	2.39' LT STA 44+91.25				1		600.19			595.00	595.00
A12	57.25' LT STA 46+50	1					600.00				597.89
B13	11.75' LT STA 46+50		1				602.35			597.84	597.84
A14	49.25' RT STA 47+06	1					605.00				600.76
A15	49.25' RT STA 44+43	1					601.24			598.30	
SHEET TOTAL		5	4	0	2	1					



NO.	LOCATION	STORM SEWERS, CLASS A, TYPE 1 12"		USFL ELEVATION	DSFL ELEVATION	CLSM
		FOOT	FOOT			
OLD JACKSONVILLE RD						
S3	42' LT STA 43+01.50 TO 39.5' LT STA 43+08.50	7.5		594.20	594.12	1.2
S4	39.50' LT STA 43+10.50 TO 53.50' LT STA 43+36.50	30.5		594.30	594.20	3.3
S5	59.00' LT STA 43+37.5 TO 54.72' LT STA 44+26.58		89.1	594.52	594.30	7.5
S6	54.25' LT STA 44+80.5 TO 54.25' LT STA 44+90.25		9.75	595.32	595.18	0.4
S7	53.25' LT - 11.42' LT STA 44+91.25		41.83	595.18	595.08	8.6
S8	9.4' LT - 3.9' LT STA 44+91.25	5.5		595.08	595.00	2.0
S9	56.75' LT - 12.75' LT STA 46+50		44	597.89	597.84	8.1
S10	10.75' LT - 2.25' RT STA 46+50	23.5		597.84	597.40	8.8
S11	49.25' RT STA 44+43 TO 35.86' RT STA 44+55.58	16.8		598.30	597.60	3.4
SHEET TOTAL		83.8	184.68			43.3

SEC 1, T15N, R6W, 3RD PM



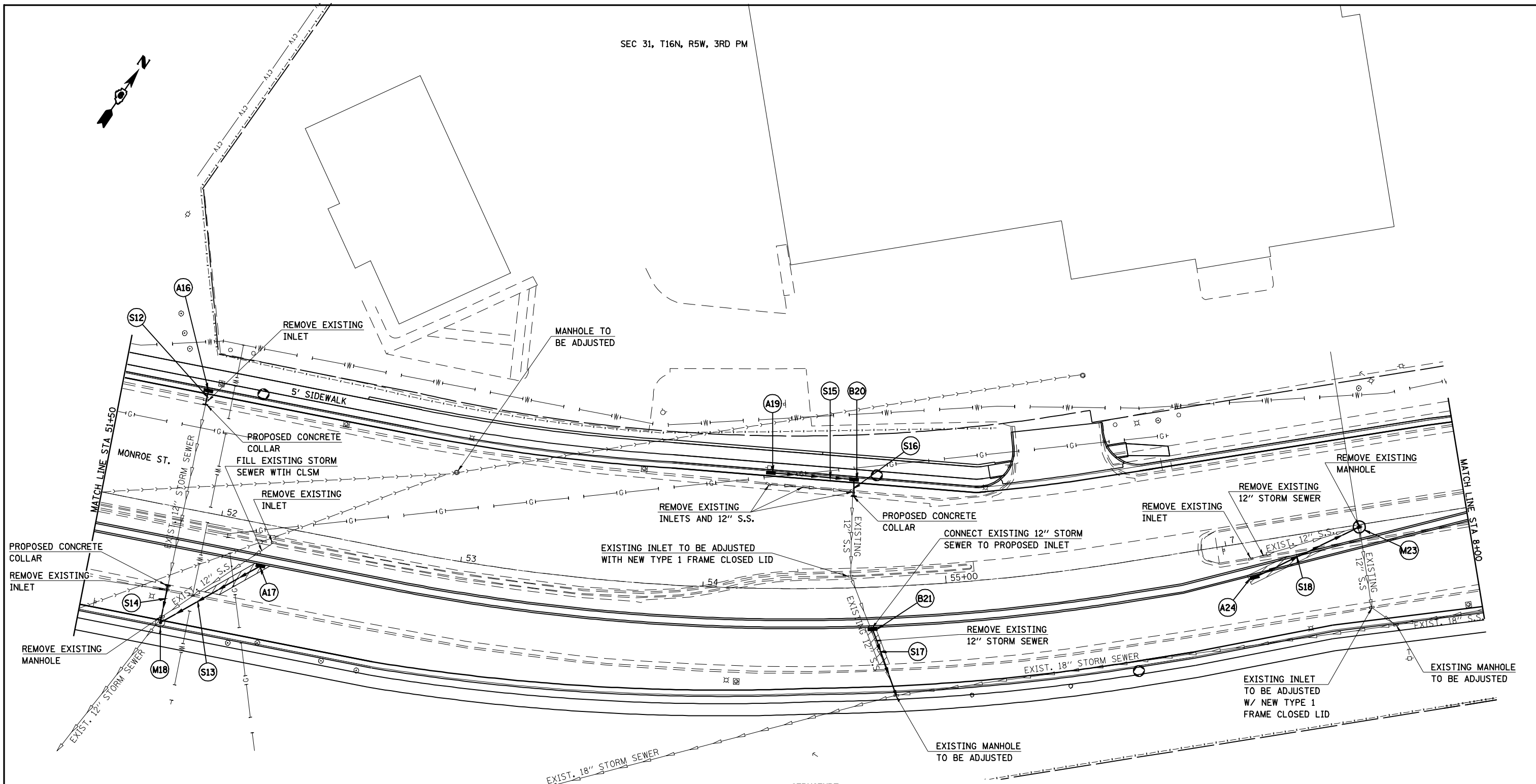
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OLD JACKSONVILLE RD - DRAINAGE

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.S. RTE. 662	SECTION (2-1-2, 2-2) RS, TS-6	COUNTY SANGAMON	TOTAL SHEETS 244	SHEET NO. 107
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



STORM SEWERS

NO.	LOCATION	STORM SEWERS, TYPE 1, RCCP, CL 4, 12" FOOT	USFL ELEVATION	DSFL ELEVATION	CLSM CU YD
MONROE ST					
S12	48.75' LT - 43.2' LT STA 51+88	5.5	604.40	604.34	0.2
S13	17.25' RT STA 52+20 TO 48.00' RT STA 51+88	46	604.40	602.70	7.5
S14	32.4' RT - 46.50' RT STA 51+88	14.1	602.80	602.70	3.4
S15	47.50' LT STA 54+26.5 TO 44.42' LT STA 54+59	32.5	602.30	602.20	1.5
S16	37.6' LT - 43.42' LT STA 54+60	5.82	602.20	602.15	1.1
S17	17.25' RT STA 54+70 TO 44.83' RT STA 54+77.4	26.5	601.40	601.23	13.6
S18	14.6' RT STA 7+09 TO 1.0' RT STA 7+55	46	604.40	603.30	6.3
TOTAL		176.42			33.6

STRUCTURE

STRUCTURE NO.	LOCATION	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	RESTRICTED DEPTH MANHOLES, 4'- DIAMETER, TYPE 3 FRAME AND GRATE	RESTRICTED DEPTH MANHOLES, 4'- DIAMETER, TYPE 1 FRAME, CLOSED LID	FLOWLINE GRATE	FLOWLINE 12' EAST	FLOWLINE 12' WEST	FLOWLINE 12' NORTH	FLOWLINE 12' SOUTH
MONROE ST										
A16	49.25' LT STA 51+88	1				606.32				604.40
A17	17.25' RT STA 52+20	1				607.00		604.40		601.10
M18	48.00' RT STA 51+88			1		606.55	602.70		602.70	601.10
A19	47.50' LT STA 54+26	1				604.42	602.30			
B20	44.42' LT STA 54+60		1			604.62		602.20		602.20
B21	17.25' RT STA 54+70		1			607.00			601.50	601.40
M23	1.00' RT STA 7+55				1	606.97		603.30		603.00
A24	14.64' RT STA 7+10	1				606.64	604.40			
SHEET TOTAL		4	2	1	1					



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 CHECKED - NAK
 DATE - 10/15/2009

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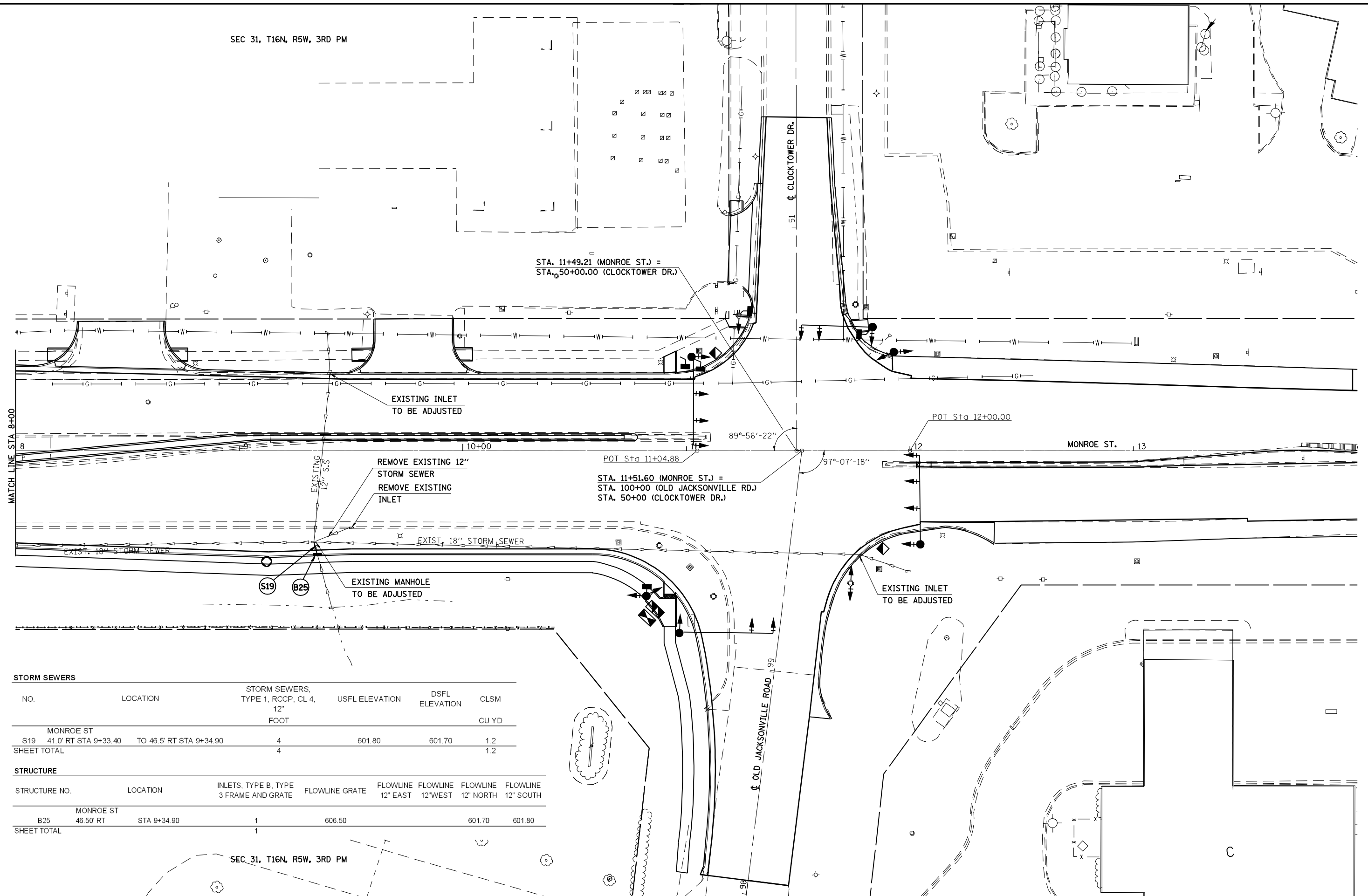
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

MONROE ST - DRAINAGE

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	108
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

SEC 31, T16N, R5W, 3RD PM



STORM SEWERS

NO.	LOCATION	STORM SEWERS, TYPE 1, RCCP, CL 4, 12" FOOT	USFL ELEVATION	DSFL ELEVATION	CLSM CU YD
S19	MONROE ST 41.0' RT STA 9+33.40 TO 46.5' RT STA 9+34.90	4	601.80	601.70	1.2
SHEET TOTAL		4			1.2

STRUCTURE

STRUCTURE NO.	LOCATION	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	FLOWLINE GRATE	FLOWLINE 12" EAST	FLOWLINE 12" WEST	FLOWLINE 12" NORTH	FLOWLINE 12" SOUTH
B25	MONROE ST 46.50' RT STA 9+34.90	1	606.50			601.70	601.80
SHEET TOTAL		1					

SEC 31, T16N, R5W, 3RD PM



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 DRAWN - AJH
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

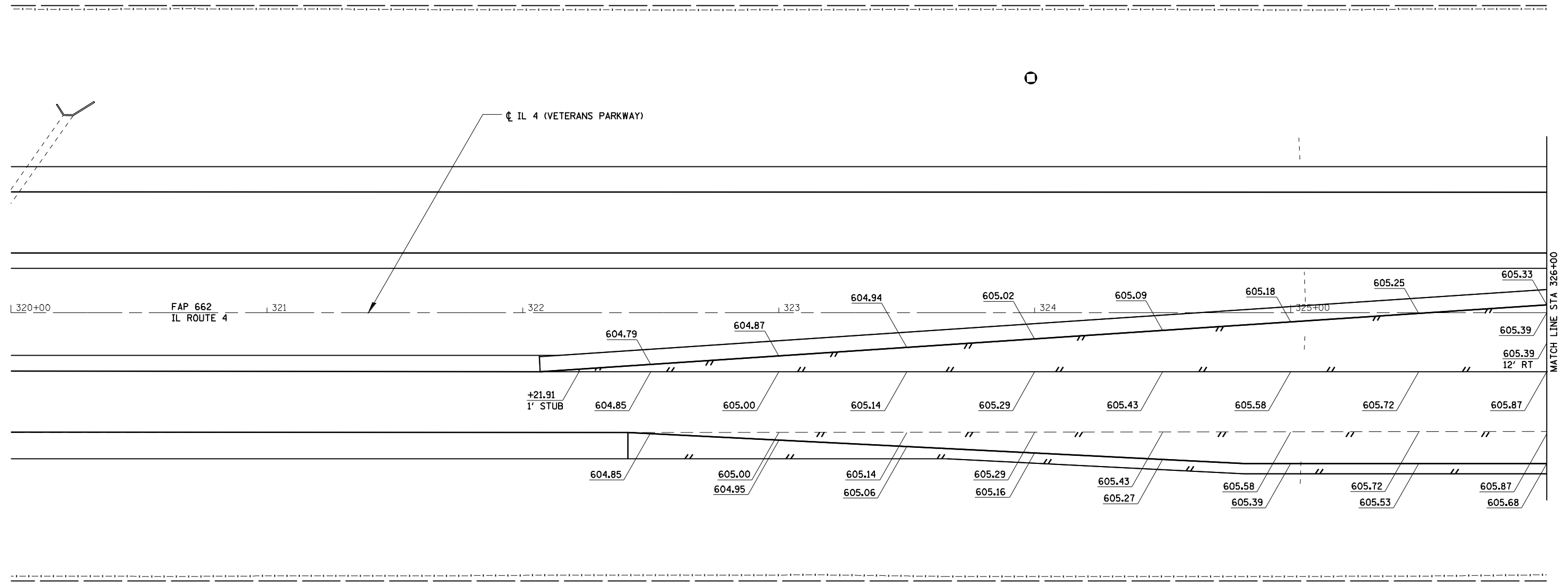
MONROE ST - DRAINAGE

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	109
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



LEGEND	
596.27	PROPOSED EDGE OF PAVEMENT ELEVATION
"/ /	LIMITS OF PROPOSED HOT-MIX ASPHALT BASE COURSE 11"



JOB = 2200.4
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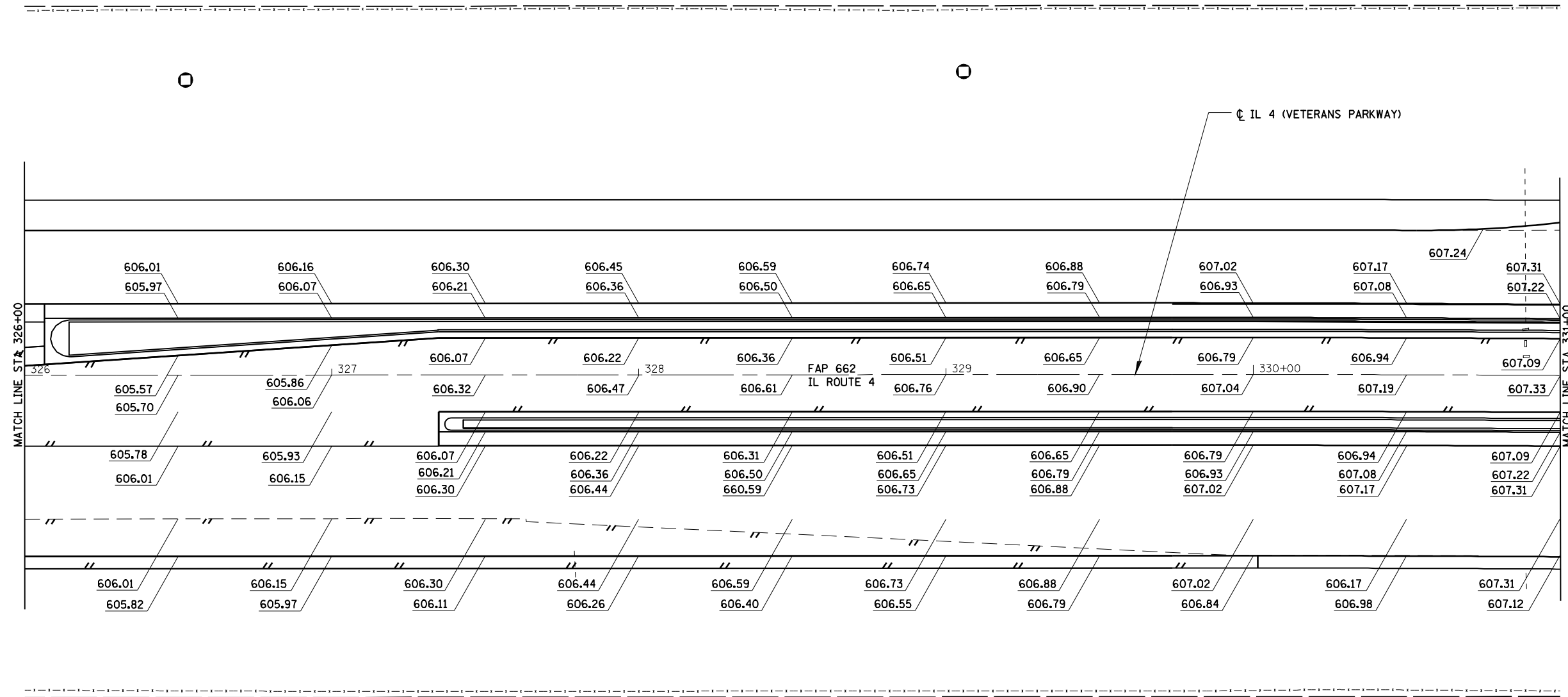
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL 4 (VETERANS PARKWAY) - ELEVATIONS
 SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	110
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND	
596.27	PROPOSED EDGE OF PAVEMENT ELEVATION
"/ /	LIMITS OF PROPOSED HOT-MIX ASPHALT BASE COURSE 11"



CEC Cummins
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Corporation
Civil and Structural Engineering

JOB = 2200.4
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

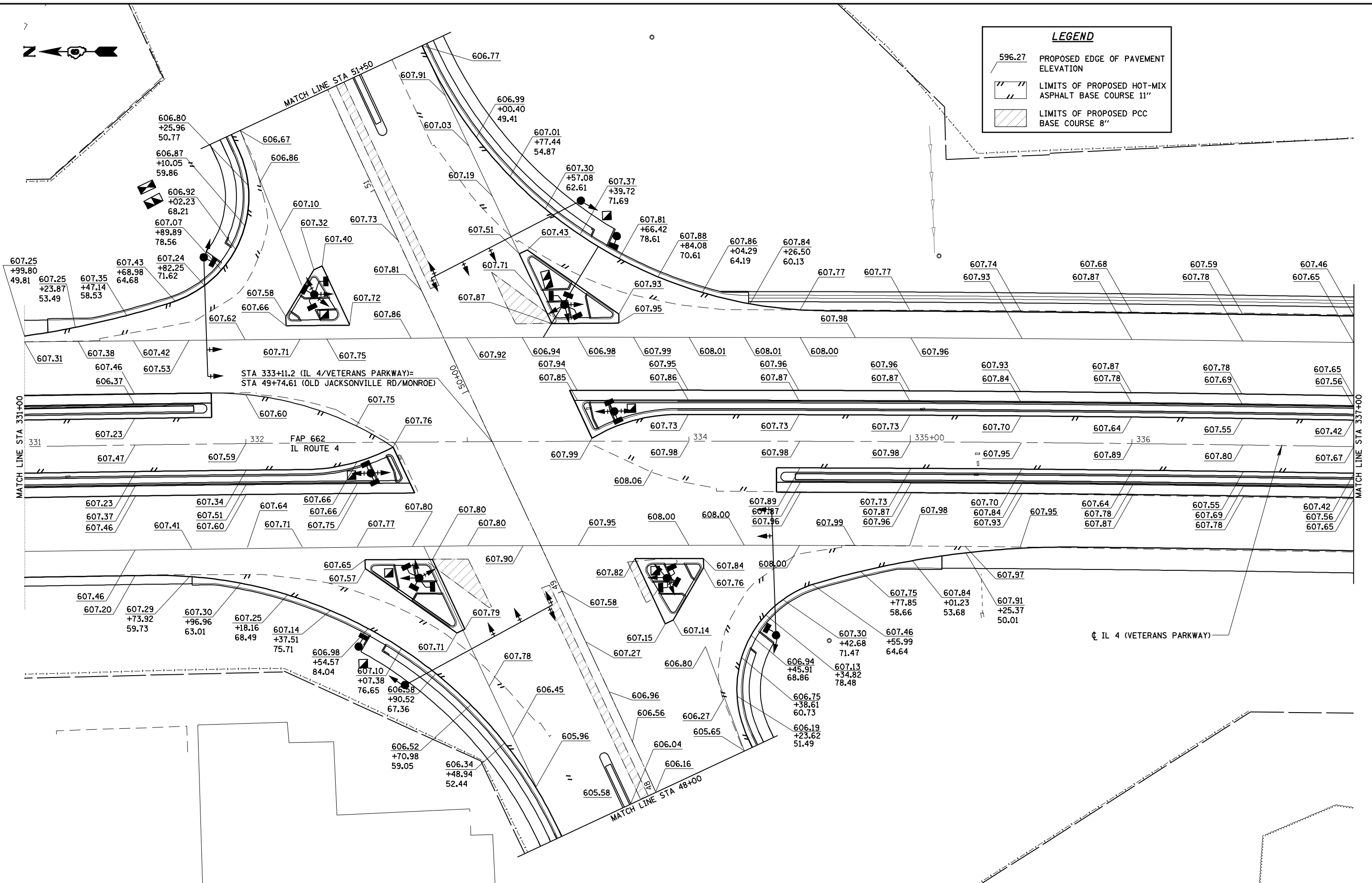
IL 4 (VETERANS PARKWAY) - ELEVATIONS

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	111
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND	
596.27	PROPOSED EDGE OF PAVEMENT ELEVATION
	LIMITS OF PROPOSED HOT-MIX ASPHALT BASE COURSE 11"
	LIMITS OF PROPOSED PCC BASE COURSE 8"



CEC Cummins Engineering Corporation
Civil and Structural Engineering

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**STATE OF ILLINOIS
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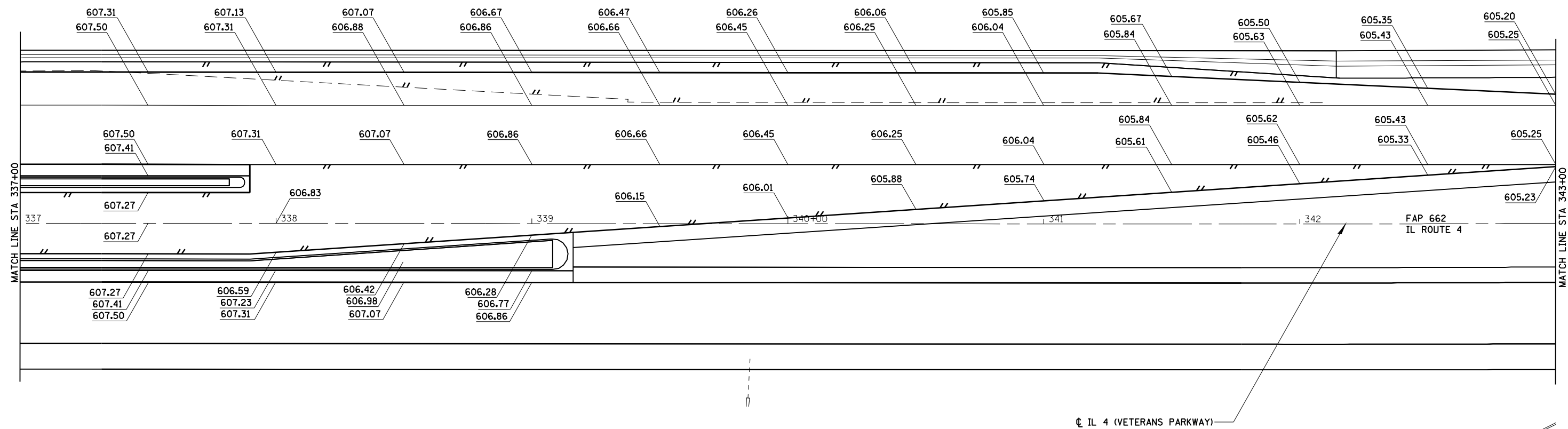
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SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	112
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND	
596.27	PROPOSED EDGE OF PAVEMENT ELEVATION
"/ /	LIMITS OF PROPOSED HOT-MIX ASPHALT BASE COURSE 11"



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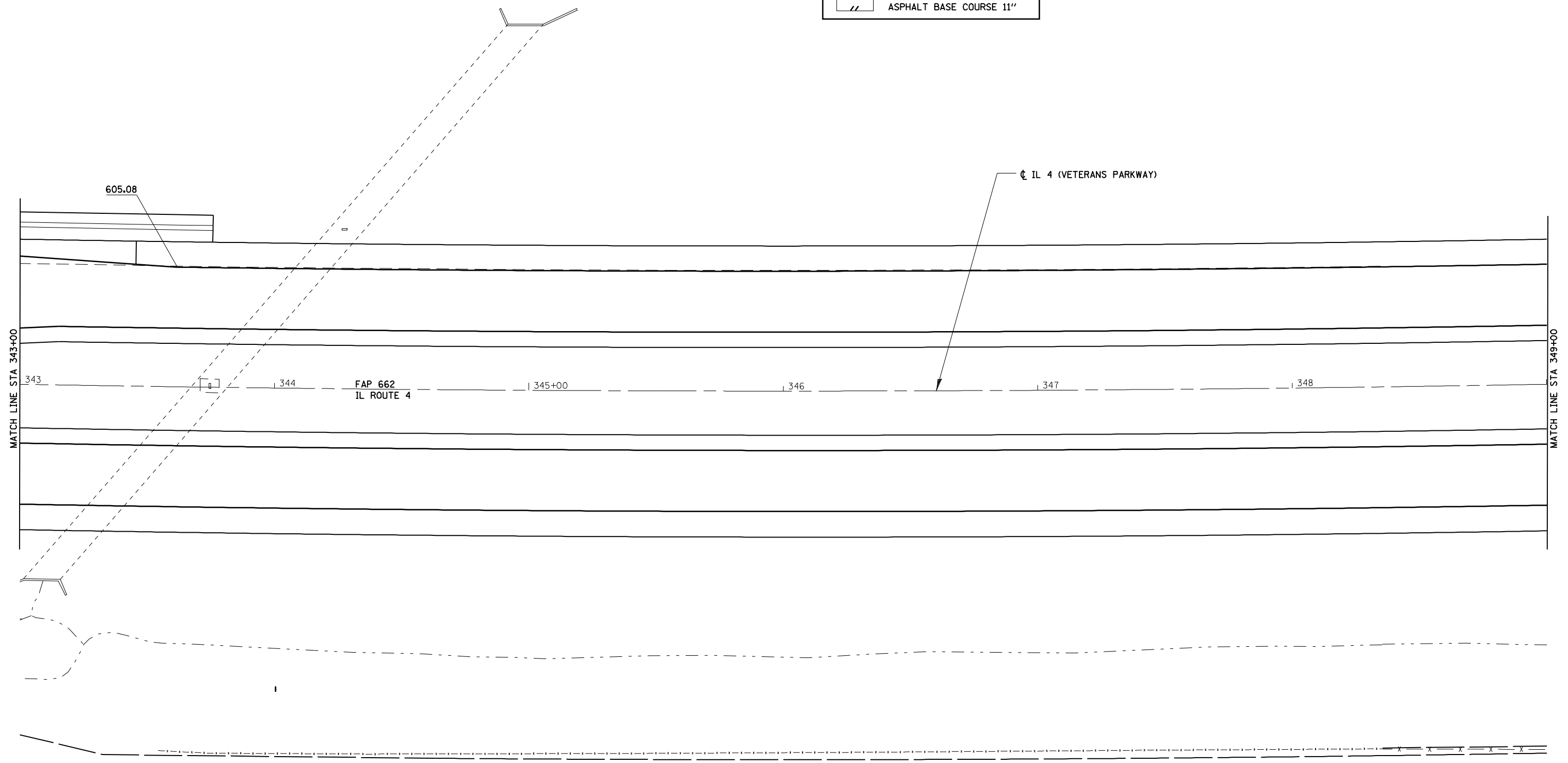
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL 4 (VETERANS PARKWAY) - ELEVATIONS
 SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	113
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



LEGEND	
596.27	PROPOSED EDGE OF PAVEMENT ELEVATION
"/ /	LIMITS OF PROPOSED HOT-MIX ASPHALT BASE COURSE 11"



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 DEPARTMENT OF TRANSPORTATION**

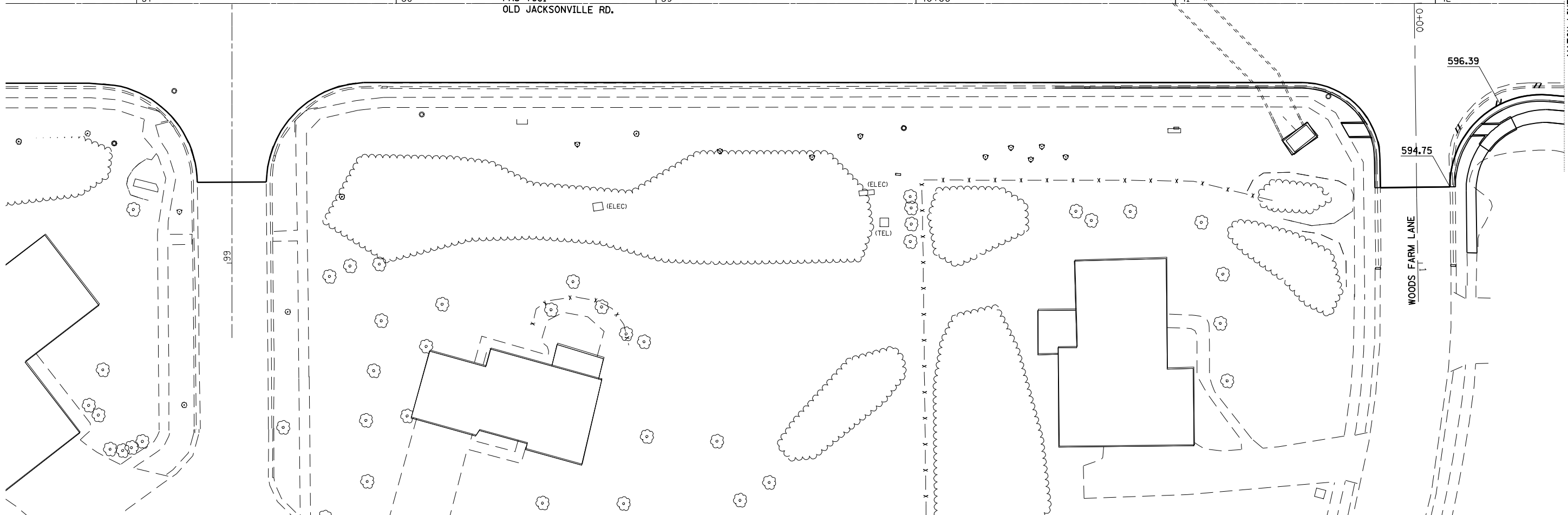
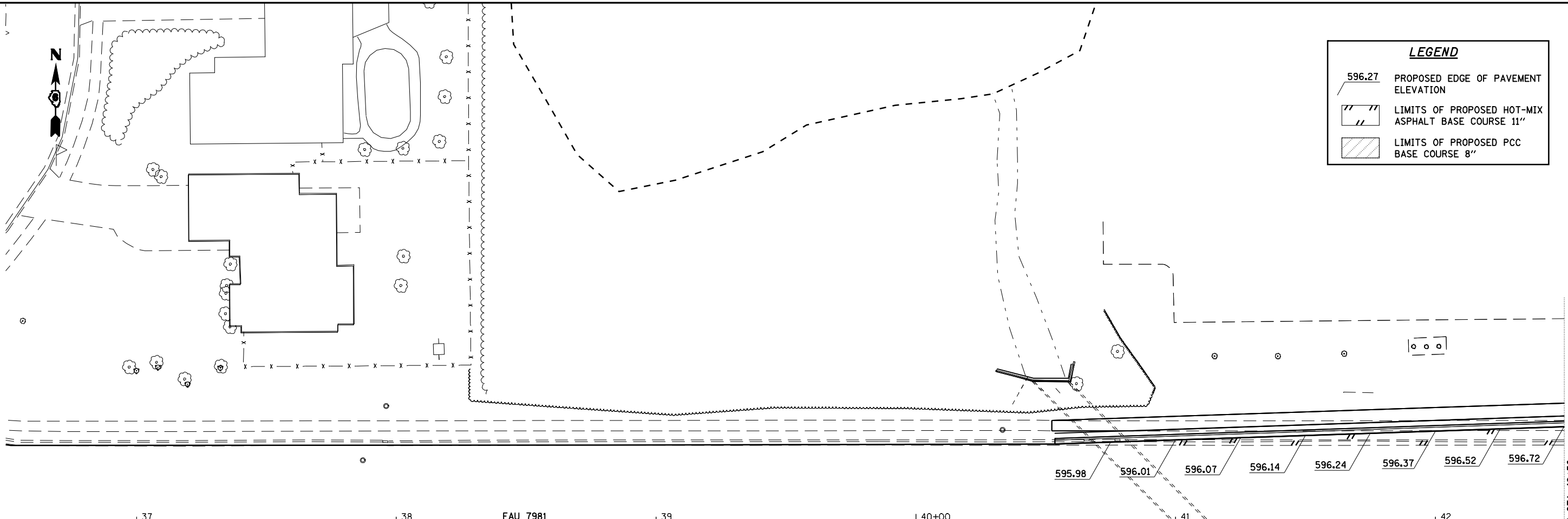
IL 4 (VETERANS PARKWAY) - ELEVATIONS

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	114
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND	
	596.27 PROPOSED EDGE OF PAVEMENT ELEVATION
	LIMITS OF PROPOSED HOT-MIX ASPHALT BASE COURSE 11"
	LIMITS OF PROPOSED PCC BASE COURSE 8"



MATCH LINE STA 42+50



JOB = 2200.4
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

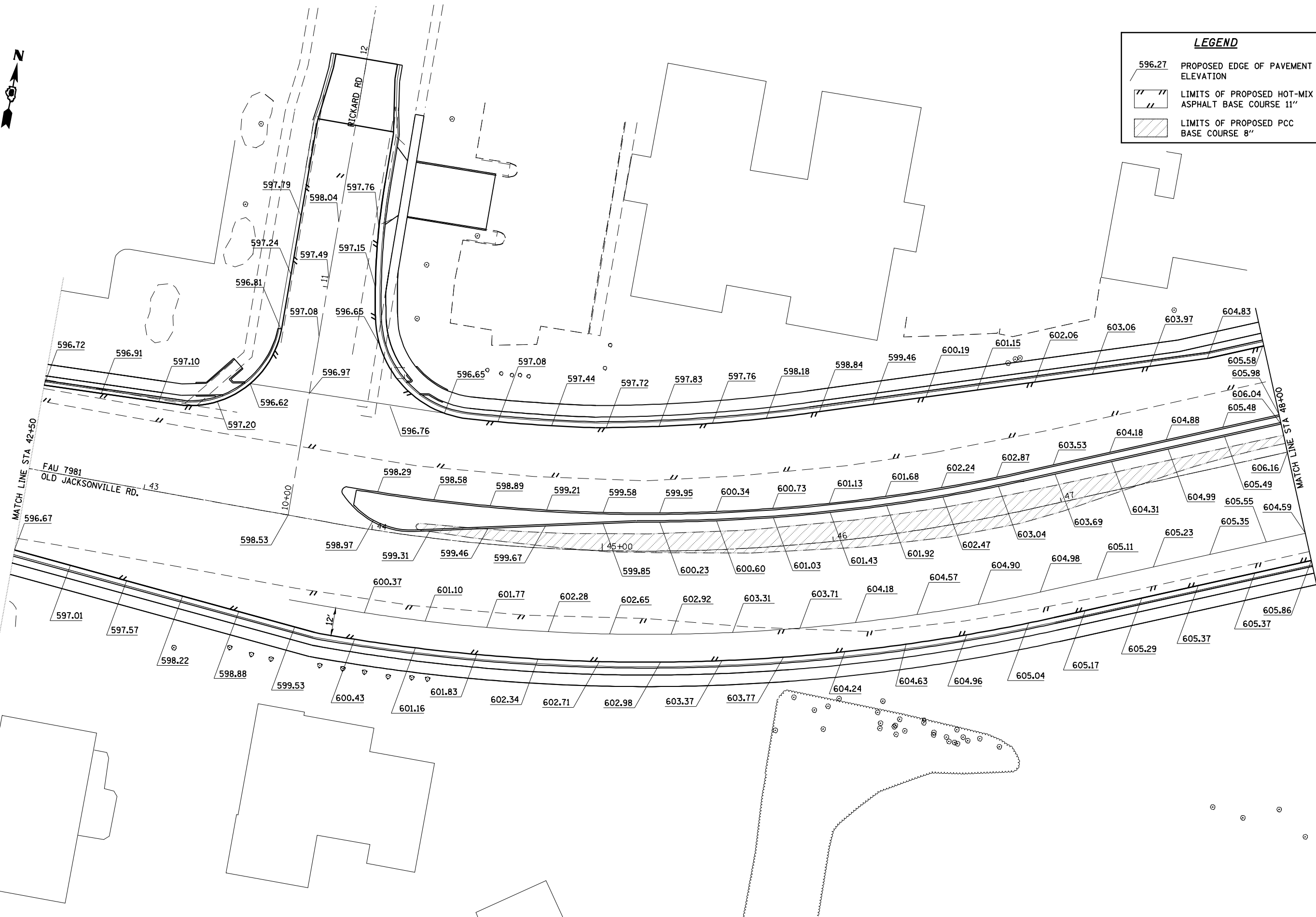
OLD JACKSONVILLE RD - ELEVATIONS

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	115
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



LEGEND	
	596.27 PROPOSED EDGE OF PAVEMENT ELEVATION
	LIMITS OF PROPOSED HOT-MIX ASPHALT BASE COURSE 11"
	LIMITS OF PROPOSED PCC BASE COURSE 8"



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DATE - 6/26/2008

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

OLD JACKSONVILLE RD - ELEVATIONS

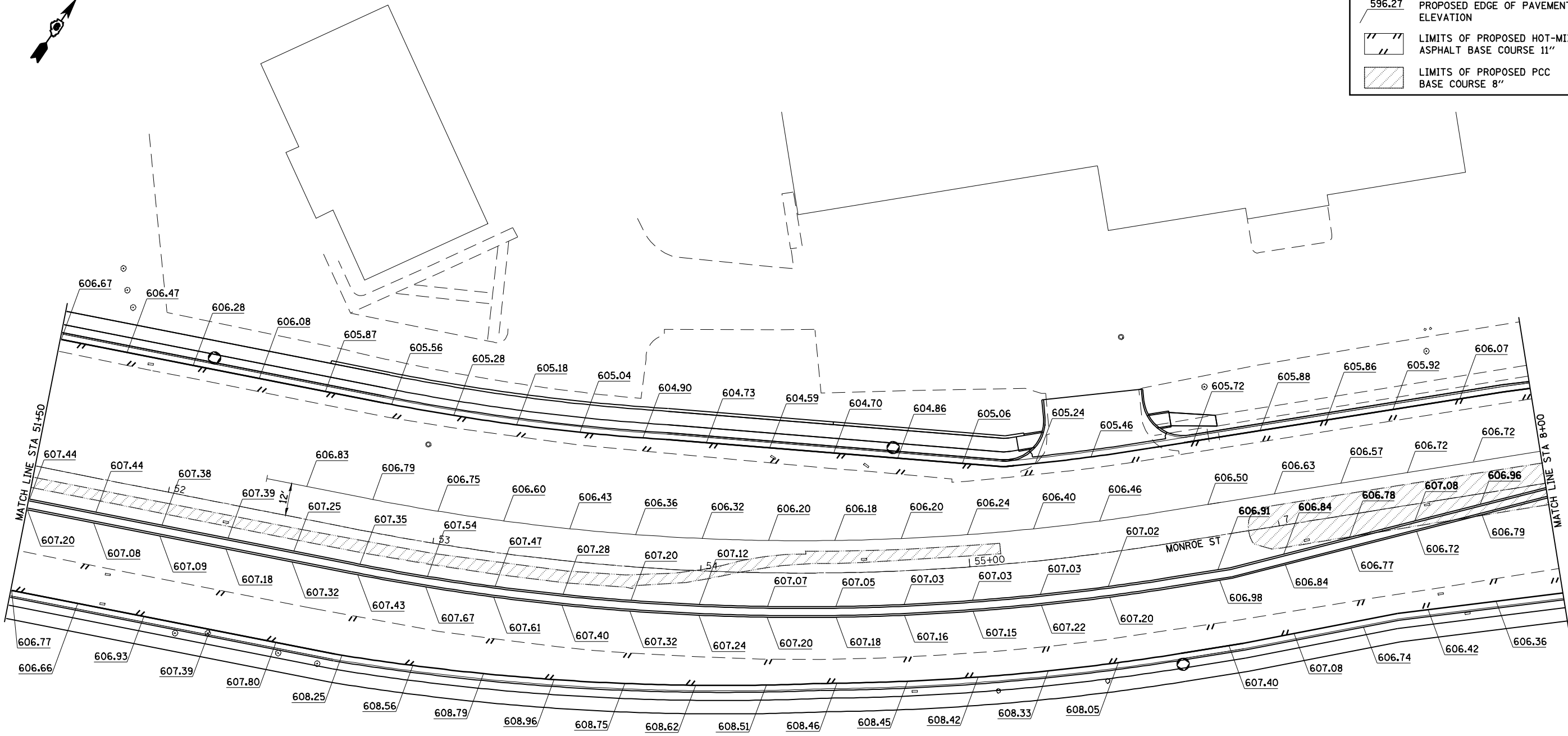
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	116
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

CONTRACT NO. 72B99



LEGEND	
	596.27 PROPOSED EDGE OF PAVEMENT ELEVATION
	LIMITS OF PROPOSED HOT-MIX ASPHALT BASE COURSE 11"
	LIMITS OF PROPOSED PCC BASE COURSE 8"



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Civil and Structural Engineering

JOB = 2200.4
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

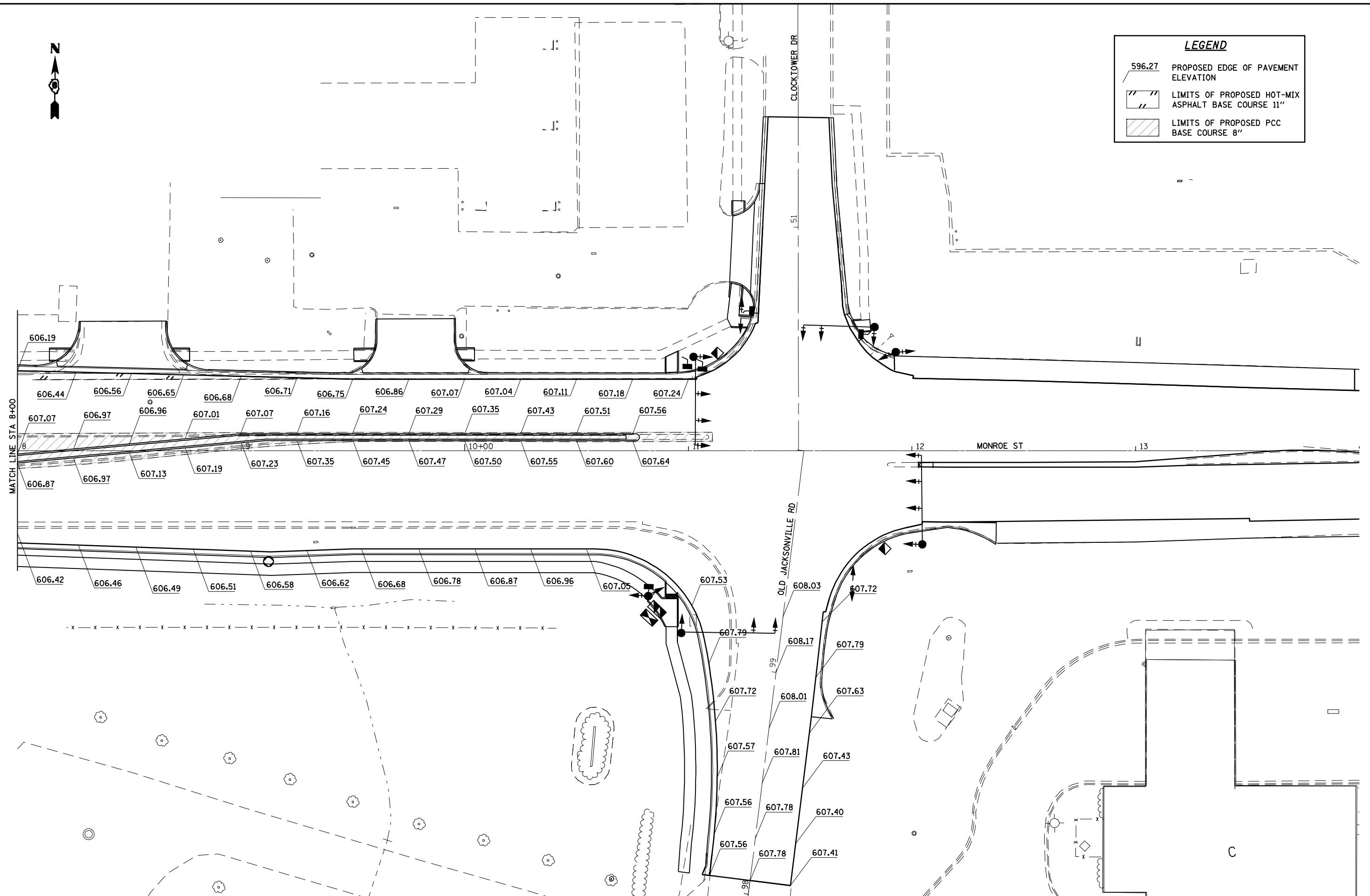
MONROE ST - ELEVATIONS

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	117
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND	
596.27	PROPOSED EDGE OF PAVEMENT ELEVATION
	LIMITS OF PROPOSED HOT-MIX ASPHALT BASE COURSE 11"
	LIMITS OF PROPOSED PCC BASE COURSE 8"



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Civil and Structural Engineering

JOB = 2200.4
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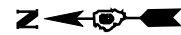
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

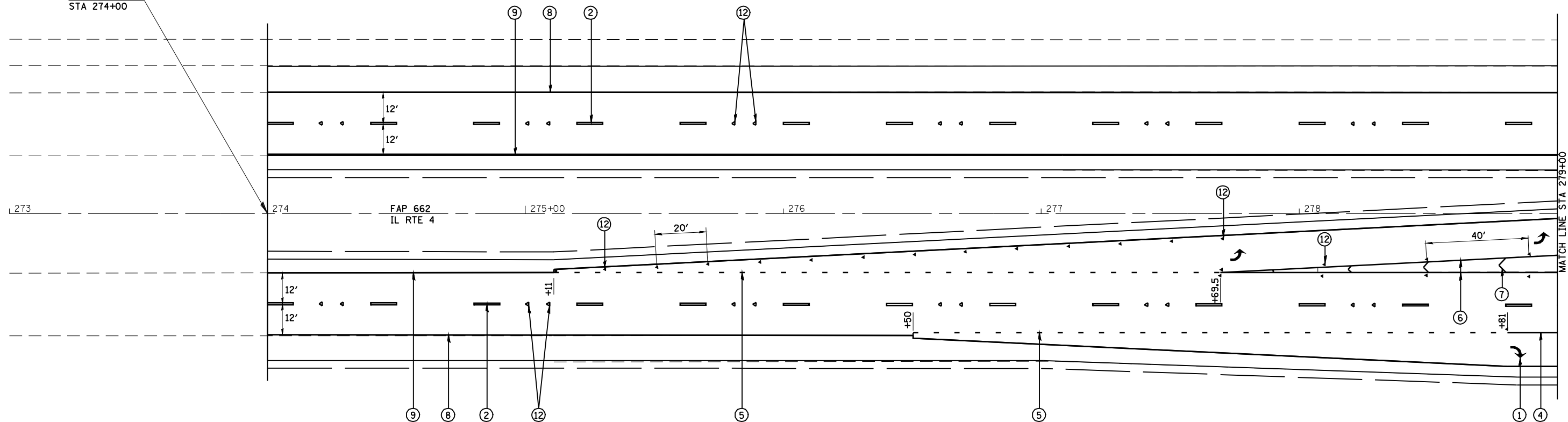
MONROE ST - ELEVATIONS

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	118
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

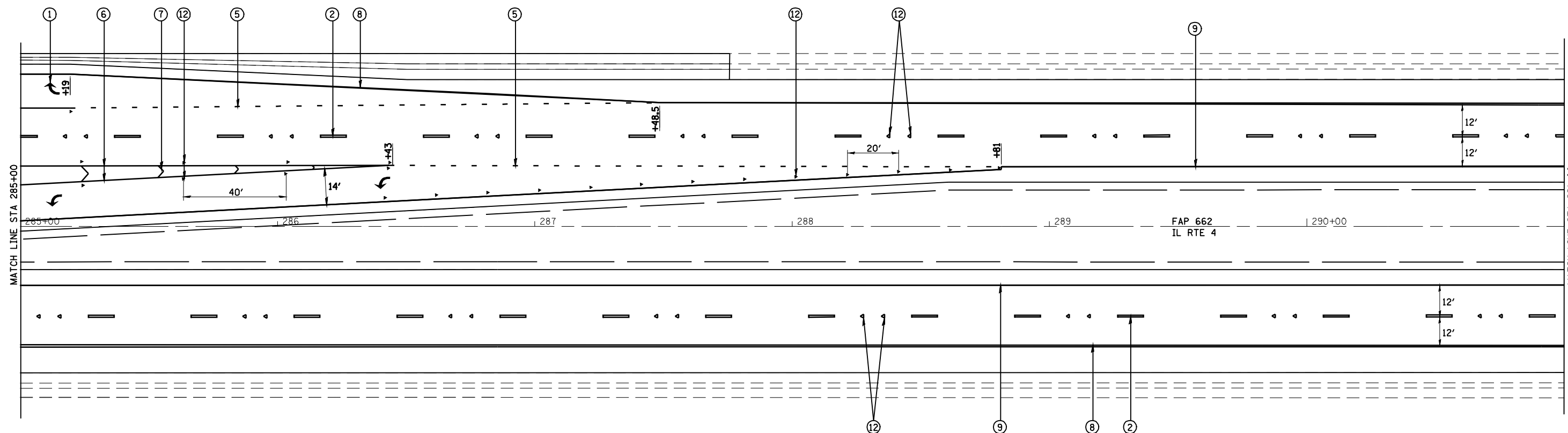


BEGIN SECTION
STA 274+00



LEGEND

- ① PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LETTERS & SYMBOLS
- ② PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (WHITE SKIP DASH)
- ③ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (SOLID YELLOW)
- ④ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (SOLID WHITE)
- ⑤ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (WHITE 2' DASH 6' SKIP)
- ⑥ PR URETHANE PAVEMENT MARKING LINE 8" (SOLID WHITE)
- ⑦ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID WHITE)
- ⑧ PR URETHANE PAVEMENT MARKING, LINE 5" (SOLID WHITE)
- ⑨ PR URETHANE PAVEMENT MARKING, LINE 5" (SOLID YELLOW)
- ⑩ PR THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE)
- ⑪ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (YELLOW SKIP DASH)
- ⑫ PR RAISED REFLECTIVE PAVEMENT MARKER
- ⑬ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID YELLOW)
- ⑭ PR URETHANE PAVEMENT MARKING LINE 8" (SOLID YELLOW)
- ▨ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 24"



- LEGEND**
- ① PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LETTERS & SYMBOLS
 - ② PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (WHITE SKIP DASH)
 - ③ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (SOLID YELLOW)
 - ④ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (SOLID WHITE)
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 - ⑫ PR RAISED REFLECTIVE PAVEMENT MARKER
 - ⑬ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID YELLOW)
 - ⑭ PR URETHANE PAVEMENT MARKING LINE 8" (SOLID YELLOW)
 - ZZZ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 24"



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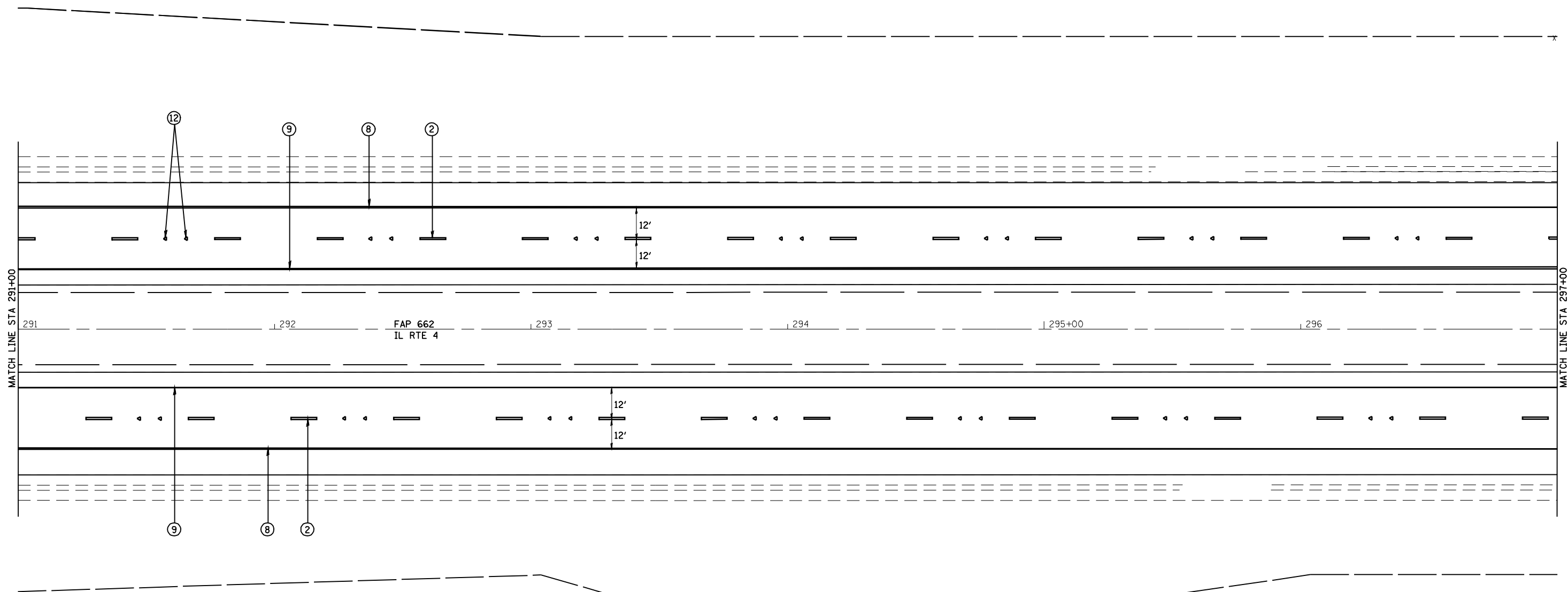
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DATE - 10/09/2009	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 4 (VETERANS PARKWAY) - PAVEMENT MARKING DETAILS

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	121
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72B99	



- LEGEND**
- ① PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LETTERS & SYMBOLS
 - ② PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (WHITE SKIP DASH)
 - ③ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (SOLID YELLOW)
 - ④ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (SOLID WHITE)
 - ⑤ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (WHITE 2' DASH 6' SKIP)
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 - ⑨ PR URETHANE PAVEMENT MARKING, LINE 5" (SOLID YELLOW)
 - ⑩ PR THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE)
 - ⑪ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (YELLOW SKIP DASH)
 - ⑫ PR RAISED REFLECTIVE PAVEMENT MARKER
 - ⑬ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID YELLOW)
 - ⑭ PR URETHANE PAVEMENT MARKING LINE 8" (SOLID YELLOW)
 - ZZZZ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 24"



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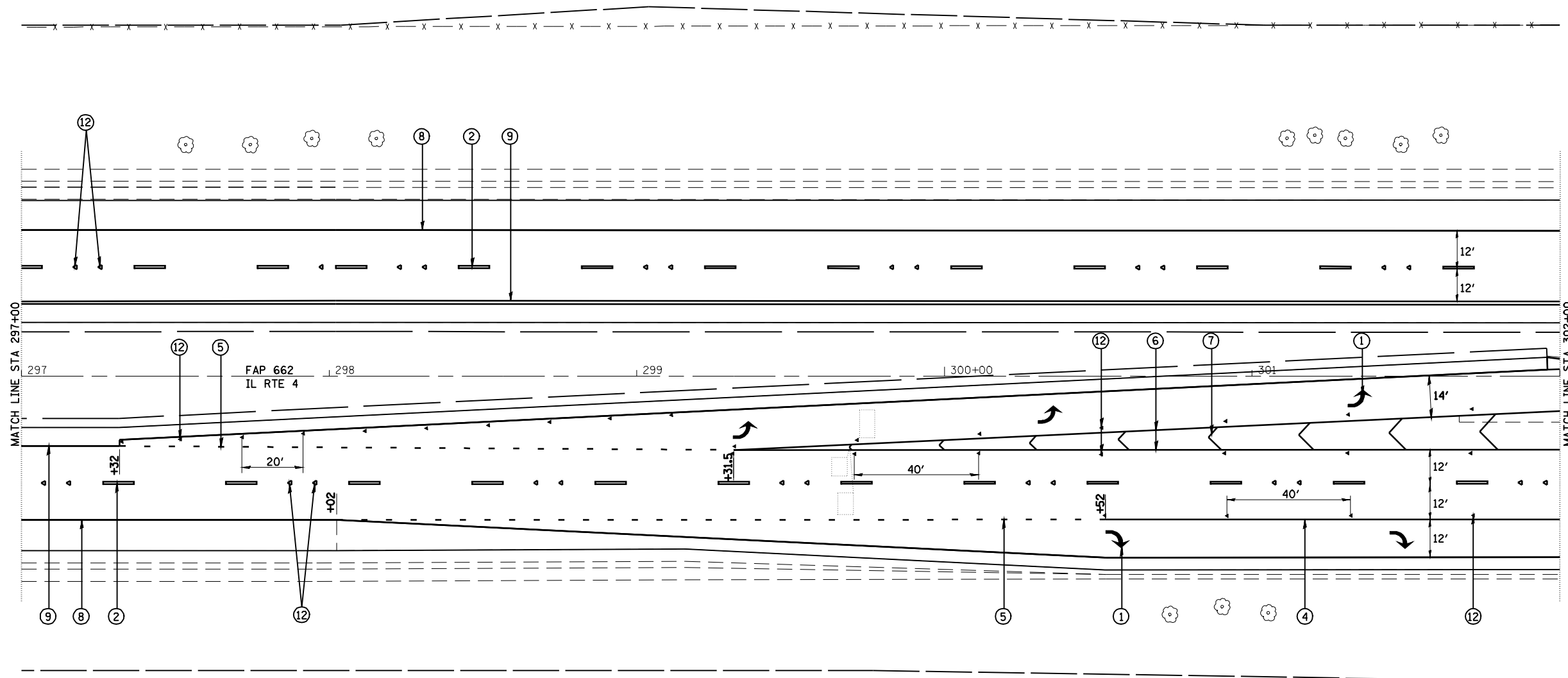
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 4 (VETERANS PARKWAY) - PAVEMENT MARKING DETAILS

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	122
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND

- ① PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LETTERS & SYMBOLS
- ② PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (WHITE SKIP DASH)
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- ④ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (SOLID WHITE)
- ⑤ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (WHITE 2' DASH 6' SKIP)
- ⑥ PR URETHANE PAVEMENT MARKING LINE 8" (SOLID WHITE)
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- ⑪ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (YELLOW SKIP DASH)
- ⑫ PR RAISED REFLECTIVE PAVEMENT MARKER
- ⑬ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID YELLOW)
- ⑭ PR URETHANE PAVEMENT MARKING LINE 8" (SOLID YELLOW)
- ZZZ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 24"

CEC Cummins
Engineering Corporation
Civil and Structural Engineering

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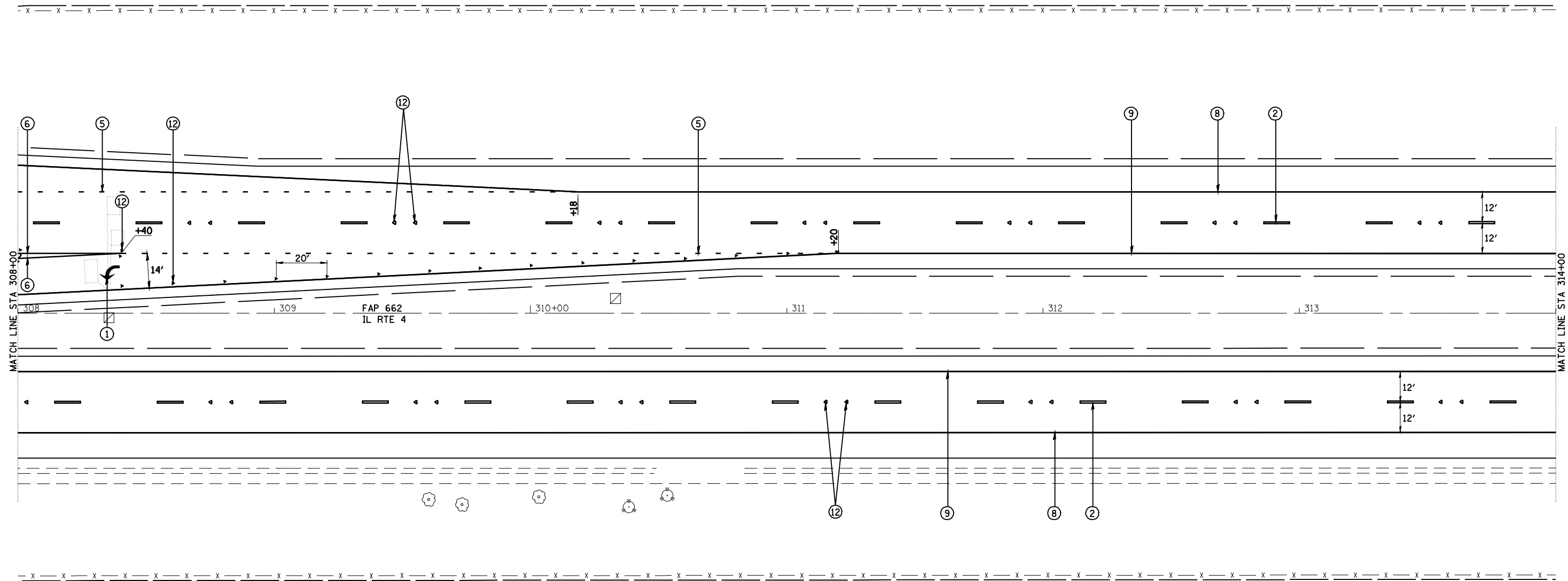
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 4 (VETERANS PARKWAY) - PAVEMENT MARKING DETAILS

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	123
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND

- ① PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LETTERS & SYMBOLS
- ② PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (WHITE SKIP DASH)
- ③ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (SOLID YELLOW)
- ④ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (SOLID WHITE)
- ⑤ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (WHITE 2' DASH 6' SKIP)
- ⑥ PR URETHANE PAVEMENT MARKING LINE 8" (SOLID WHITE)
- ⑦ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID WHITE)
- ⑧ PR URETHANE PAVEMENT MARKING, LINE 5" (SOLID WHITE)
- ⑨ PR URETHANE PAVEMENT MARKING, LINE 5" (SOLID YELLOW)
- ⑩ PR THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE)
- ⑪ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (YELLOW SKIP DASH)
- ⑫ PR RAISED REFLECTIVE PAVEMENT MARKER
- ⑬ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID YELLOW)
- ⑭ PR URETHANE PAVEMENT MARKING LINE 8" (SOLID YELLOW)
- ZZZ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 24"



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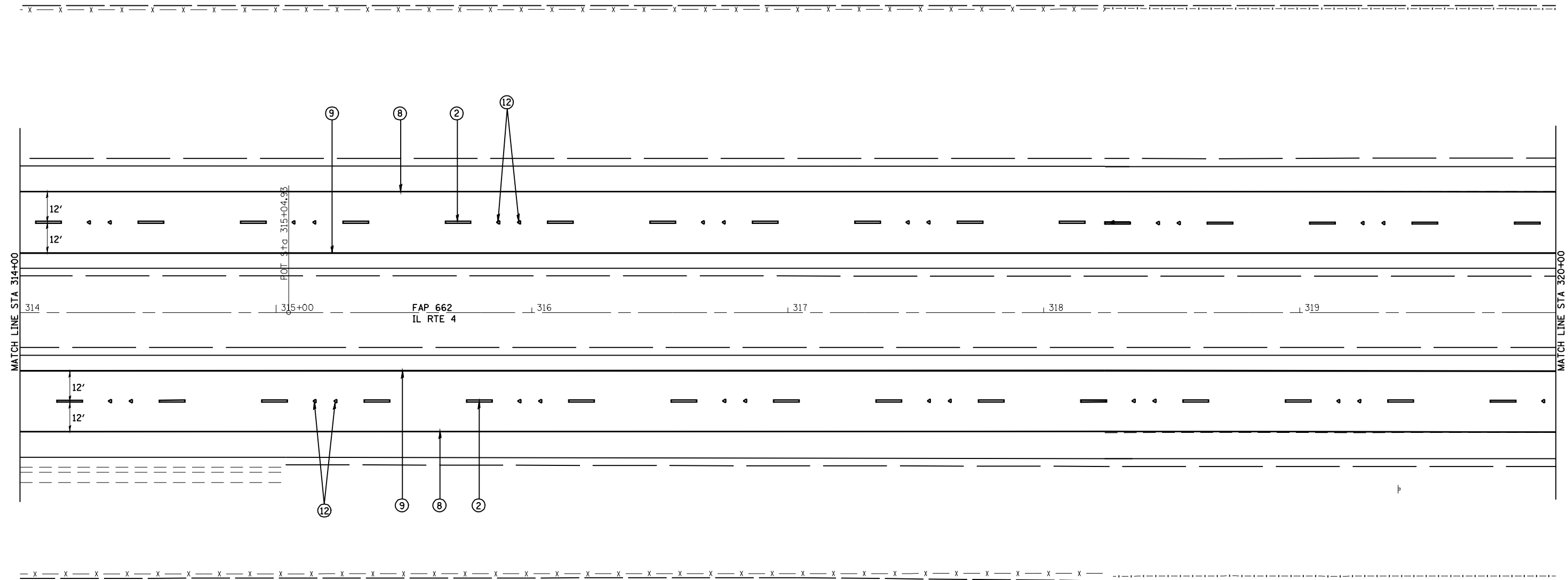
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 4 (VETERANS PARKWAY) - PAVEMENT MARKING DETAILS

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	125
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72B99	



LEGEND

- ① PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LETTERS & SYMBOLS
- ② PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (WHITE SKIP DASH)
- ③ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (SOLID YELLOW)
- ④ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (SOLID WHITE)
- ⑤ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (WHITE 2' DASH 6' SKIP)
- ⑥ PR URETHANE PAVEMENT MARKING LINE 8" (SOLID WHITE)
- ⑦ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID WHITE)
- ⑧ PR URETHANE PAVEMENT MARKING, LINE 5" (SOLID WHITE)
- ⑨ PR URETHANE PAVEMENT MARKING, LINE 5" (SOLID YELLOW)
- ⑩ PR THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE)
- ⑪ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (YELLOW SKIP DASH)
- ⑫ PR RAISED REFLECTIVE PAVEMENT MARKER
- ⑬ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID YELLOW)
- ⑭ PR URETHANE PAVEMENT MARKING LINE 8" (SOLID YELLOW)
- ZZZ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 24"



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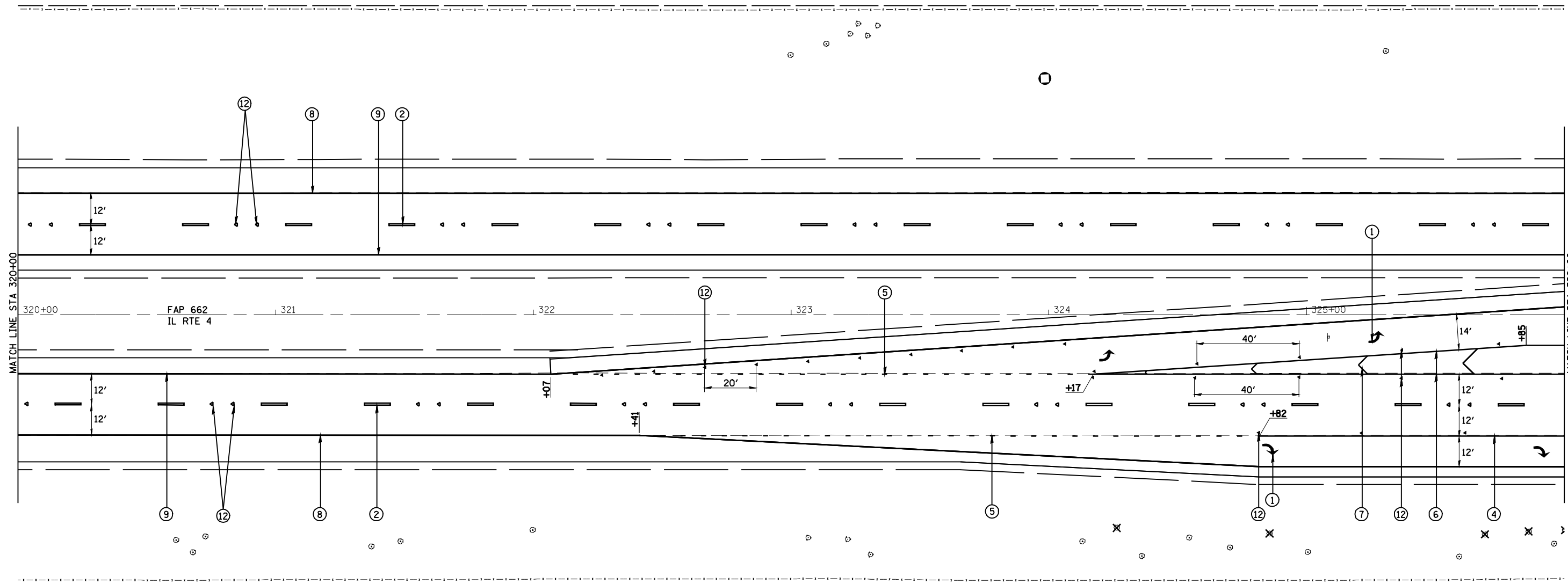
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 4 (VETERANS PARKWAY) - PAVEMENT MARKING DETAILS

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	126
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72B99	



LEGEND

- ① PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LETTERS & SYMBOLS
- ② PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (WHITE SKIP DASH)
- ③ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (SOLID YELLOW)
- ④ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (SOLID WHITE)
- ⑤ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (WHITE 2' DASH 6' SKIP)
- ⑥ PR URETHANE PAVEMENT MARKING LINE 8" (SOLID WHITE)
- ⑦ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID WHITE)
- ⑧ PR URETHANE PAVEMENT MARKING, LINE 5" (SOLID WHITE)
- ⑨ PR URETHANE PAVEMENT MARKING, LINE 5" (SOLID YELLOW)
- ⑩ PR THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE)
- ⑪ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (YELLOW SKIP DASH)
- ⑫ PR RAISED REFLECTIVE PAVEMENT MARKER
- ⑬ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID YELLOW)
- ⑭ PR URETHANE PAVEMENT MARKING LINE 8" (SOLID YELLOW)
- //// PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 24"

CEC Cummins
Engineering Corporation
Civil and Structural Engineering

JOB = 2200.4
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PLOT DATE = *DATE*

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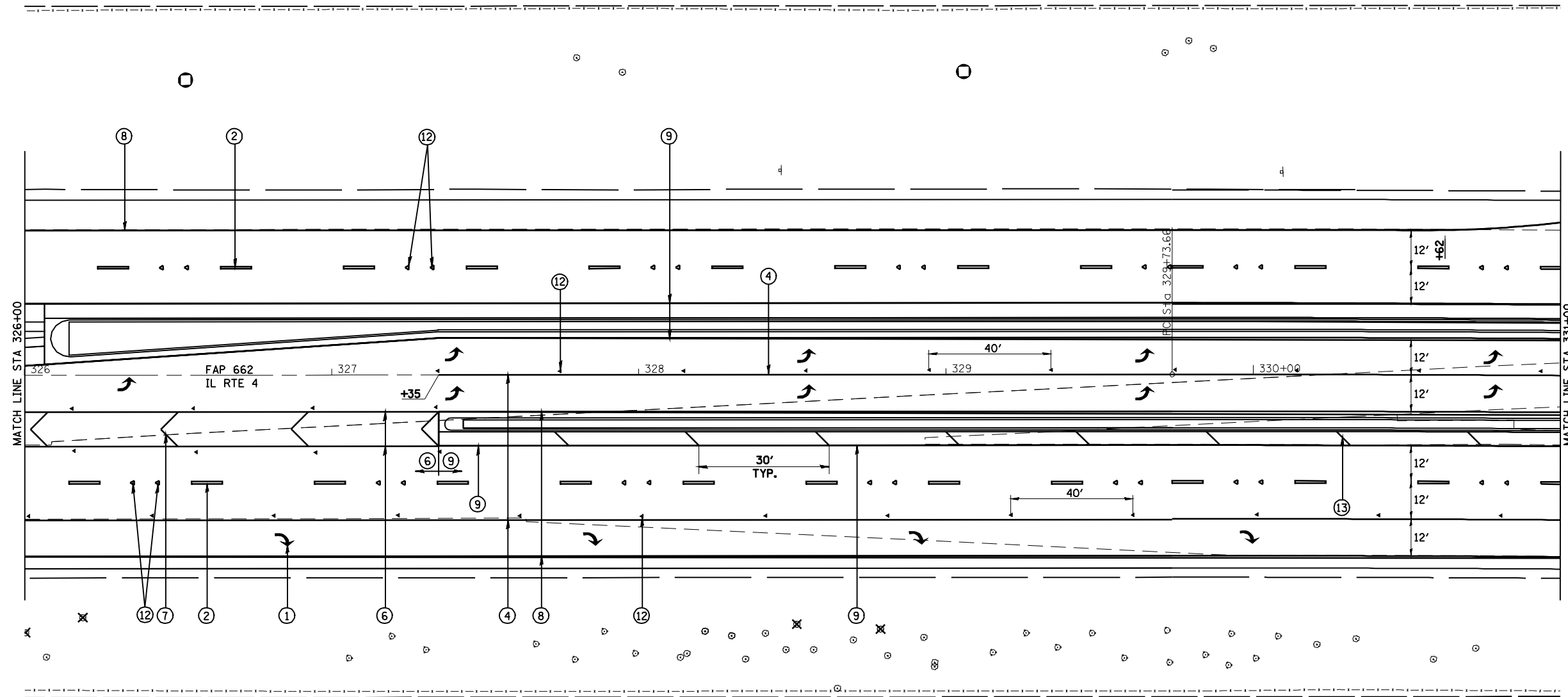
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 4 (VETERANS PARKWAY) - PAVEMENT MARKING DETAILS

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	127
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72B99	



- LEGEND**
- ① PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LETTERS & SYMBOLS
 - ② PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (WHITE SKIP DASH)
 - ③ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (SOLID YELLOW)
 - ④ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (SOLID WHITE)
 - ⑤ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (WHITE 2' DASH 6' SKIP)
 - ⑥ PR URETHANE PAVEMENT MARKING LINE 8" (SOLID WHITE)
 - ⑦ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID WHITE)
 - ⑧ PR URETHANE PAVEMENT MARKING, LINE 5" (SOLID WHITE)
 - ⑨ PR URETHANE PAVEMENT MARKING, LINE 5" (SOLID YELLOW)
 - ⑩ PR THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE)
 - ⑪ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (YELLOW SKIP DASH)
 - ⑫ PR RAISED REFLECTIVE PAVEMENT MARKER
 - ⑬ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID YELLOW)
 - ⑭ PR URETHANE PAVEMENT MARKING LINE 8" (SOLID YELLOW)
 - ZZZ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 24"

CEC Cummins
Engineering
Corporation
Civil and Structural Engineering

JOB = 2200.4
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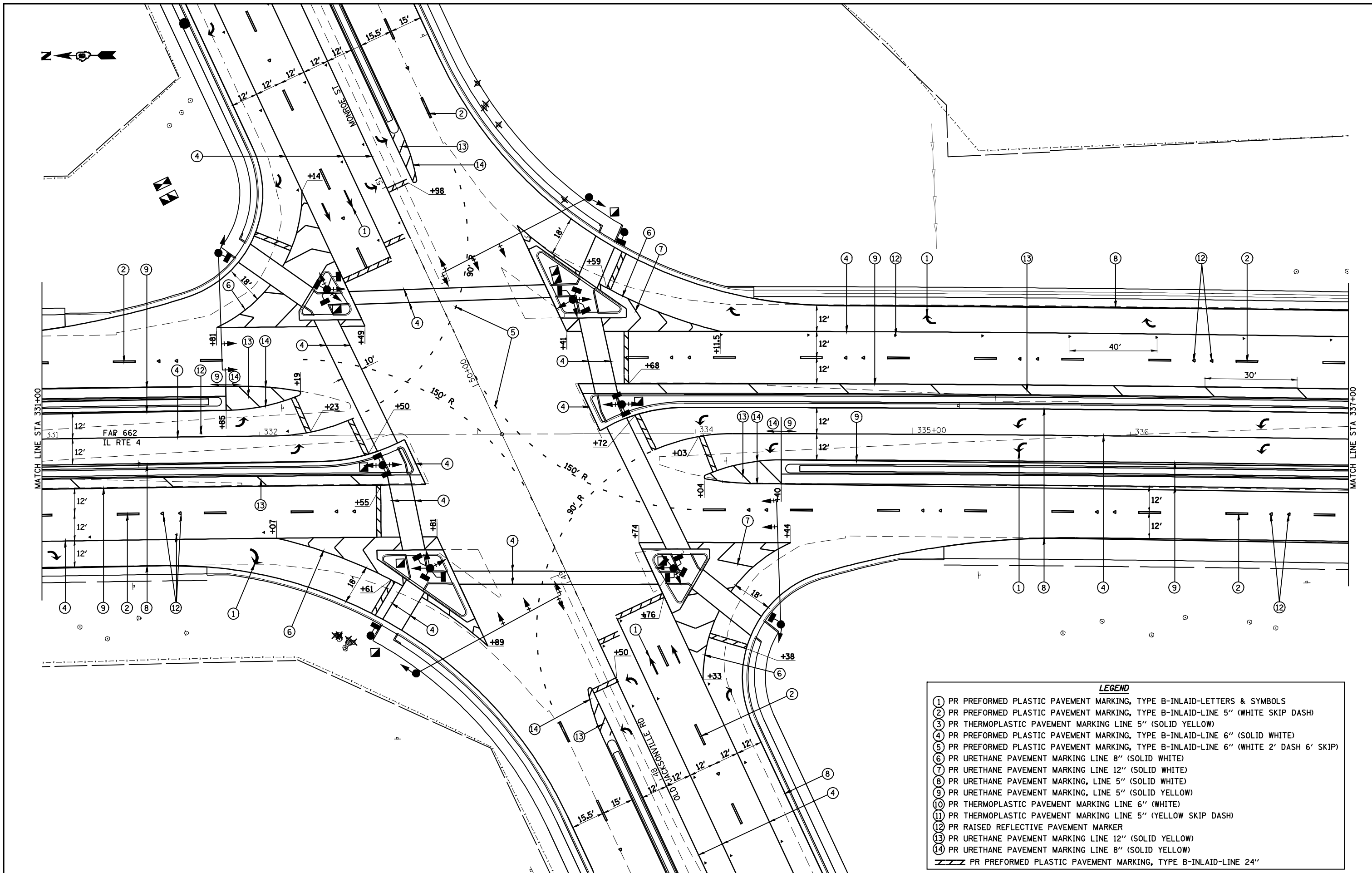
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 4 (VETERANS PARKWAY) - PAVEMENT MARKING DETAILS

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	128
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND

- ① PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LETTERS & SYMBOLS
- ② PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (WHITE SKIP DASH)
- ③ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (SOLID YELLOW)
- ④ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (SOLID WHITE)
- ⑤ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (WHITE 2' DASH 6' SKIP)
- ⑥ PR URETHANE PAVEMENT MARKING LINE 8" (SOLID WHITE)
- ⑦ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID WHITE)
- ⑧ PR URETHANE PAVEMENT MARKING, LINE 5" (SOLID WHITE)
- ⑨ PR URETHANE PAVEMENT MARKING, LINE 5" (SOLID YELLOW)
- ⑩ PR THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE)
- ⑪ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (YELLOW SKIP DASH)
- ⑫ PR RAISED REFLECTIVE PAVEMENT MARKER
- ⑬ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID YELLOW)
- ⑭ PR URETHANE PAVEMENT MARKING LINE 8" (SOLID YELLOW)
- ▨▨▨ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 24"

CEC Cummins
Engineering
Corporation
Civil and Structural Engineering

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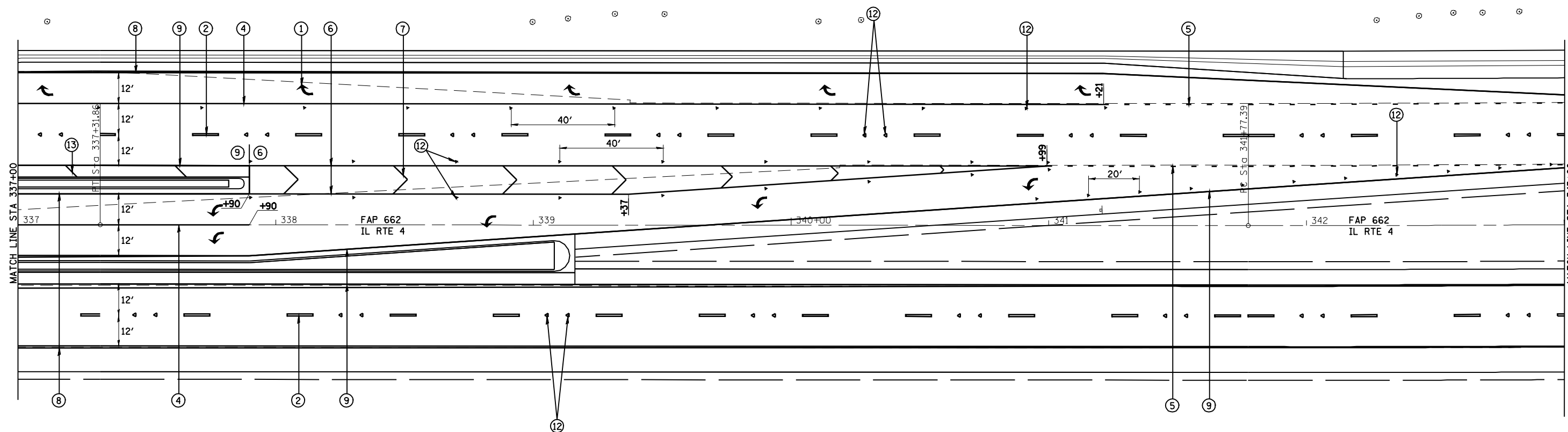
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 4 (VETERANS PARKWAY) - PAVEMENT MARKING DETAILS

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	129
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND

- ① PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LETTERS & SYMBOLS
- ② PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (WHITE SKIP DASH)
- ③ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (SOLID YELLOW)
- ④ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (SOLID WHITE)
- ⑤ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (WHITE 2' DASH 6' SKIP)
- ⑥ PR URETHANE PAVEMENT MARKING LINE 8" (SOLID WHITE)
- ⑦ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID WHITE)
- ⑧ PR URETHANE PAVEMENT MARKING, LINE 5" (SOLID WHITE)
- ⑨ PR URETHANE PAVEMENT MARKING, LINE 5" (SOLID YELLOW)
- ⑩ PR THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE)
- ⑪ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (YELLOW SKIP DASH)
- ⑫ PR RAISED REFLECTIVE PAVEMENT MARKER
- ⑬ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID YELLOW)
- ⑭ PR URETHANE PAVEMENT MARKING LINE 8" (SOLID YELLOW)
- ZZZ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 24"



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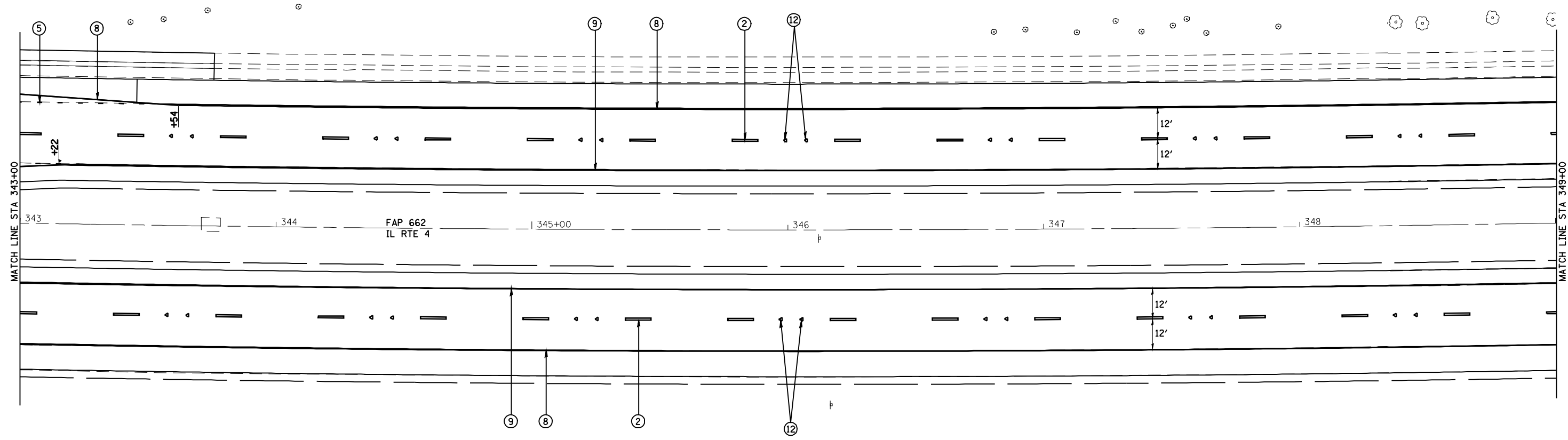
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 4 (VETERANS PARKWAY) - PAVEMENT MARKING DETAILS

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	130
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND

- ① PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LETTERS & SYMBOLS
- ② PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (WHITE SKIP DASH)
- ③ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (SOLID YELLOW)
- ④ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (SOLID WHITE)
- ⑤ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (WHITE 2' DASH 6' SKIP)
- ⑥ PR URETHANE PAVEMENT MARKING LINE 8" (SOLID WHITE)
- ⑦ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID WHITE)
- ⑧ PR URETHANE PAVEMENT MARKING, LINE 5" (SOLID WHITE)
- ⑨ PR URETHANE PAVEMENT MARKING, LINE 5" (SOLID YELLOW)
- ⑩ PR THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE)
- ⑪ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (YELLOW SKIP DASH)
- ⑫ PR RAISED REFLECTIVE PAVEMENT MARKER
- ⑬ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID YELLOW)
- ⑭ PR URETHANE PAVEMENT MARKING LINE 8" (SOLID YELLOW)
- ==== PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 24"



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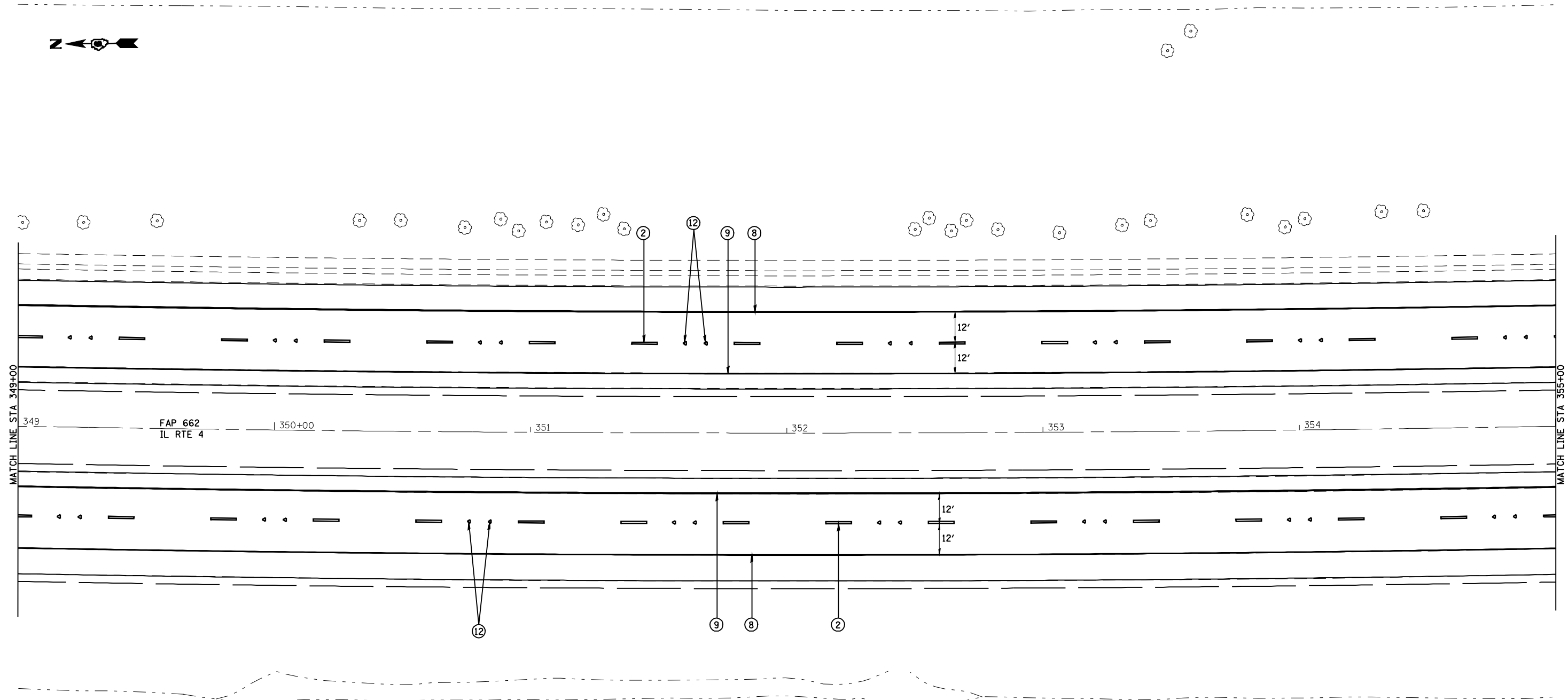
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 4 (VETERANS PARKWAY) - PAVEMENT MARKING DETAILS

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	131
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72B99	



LEGEND

- ① PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LETTERS & SYMBOLS
- ② PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (WHITE SKIP DASH)
- ③ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (SOLID YELLOW)
- ④ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (SOLID WHITE)
- ⑤ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (WHITE 2' DASH 6' SKIP)
- ⑥ PR URETHANE PAVEMENT MARKING LINE 8" (SOLID WHITE)
- ⑦ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID WHITE)
- ⑧ PR URETHANE PAVEMENT MARKING, LINE 5" (SOLID WHITE)
- ⑨ PR URETHANE PAVEMENT MARKING, LINE 5" (SOLID YELLOW)
- ⑩ PR THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE)
- ⑪ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (YELLOW SKIP DASH)
- ⑫ PR RAISED REFLECTIVE PAVEMENT MARKER
- ⑬ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID YELLOW)
- ⑭ PR URETHANE PAVEMENT MARKING LINE 8" (SOLID YELLOW)
- ZZZ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 24"



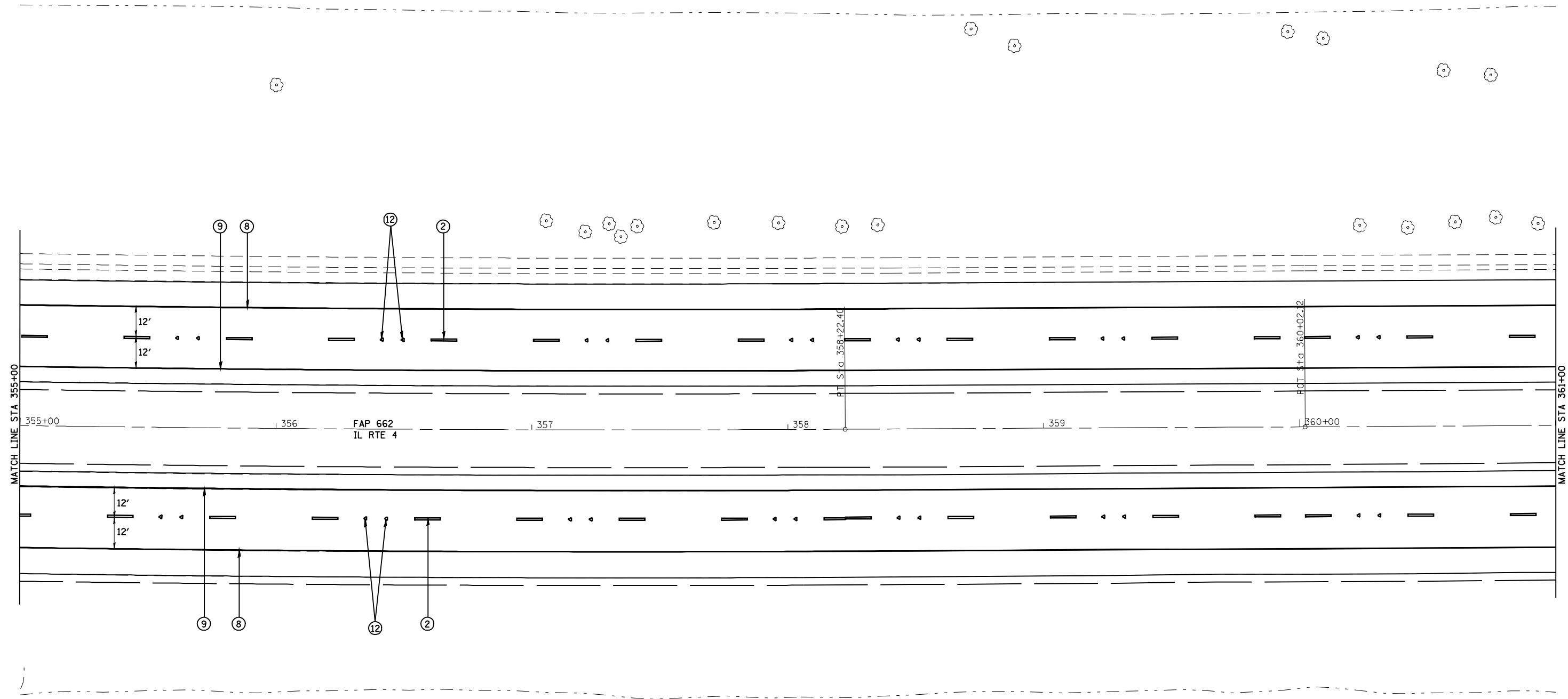
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 4 (VETERANS PARKWAY) - PAVEMENT MARKING DETAILS

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	132
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



- LEGEND**
- ① PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LETTERS & SYMBOLS
 - ② PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (WHITE SKIP DASH)
 - ③ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (SOLID YELLOW)
 - ④ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (SOLID WHITE)
 - ⑤ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (WHITE 2' DASH 6' SKIP)
 - ⑥ PR URETHANE PAVEMENT MARKING LINE 8" (SOLID WHITE)
 - ⑦ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID WHITE)
 - ⑧ PR URETHANE PAVEMENT MARKING, LINE 5" (SOLID WHITE)
 - ⑨ PR URETHANE PAVEMENT MARKING, LINE 5" (SOLID YELLOW)
 - ⑩ PR THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE)
 - ⑪ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (YELLOW SKIP DASH)
 - ⑫ PR RAISED REFLECTIVE PAVEMENT MARKER
 - ⑬ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID YELLOW)
 - ⑭ PR URETHANE PAVEMENT MARKING LINE 8" (SOLID YELLOW)
 - ZZZ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 24"



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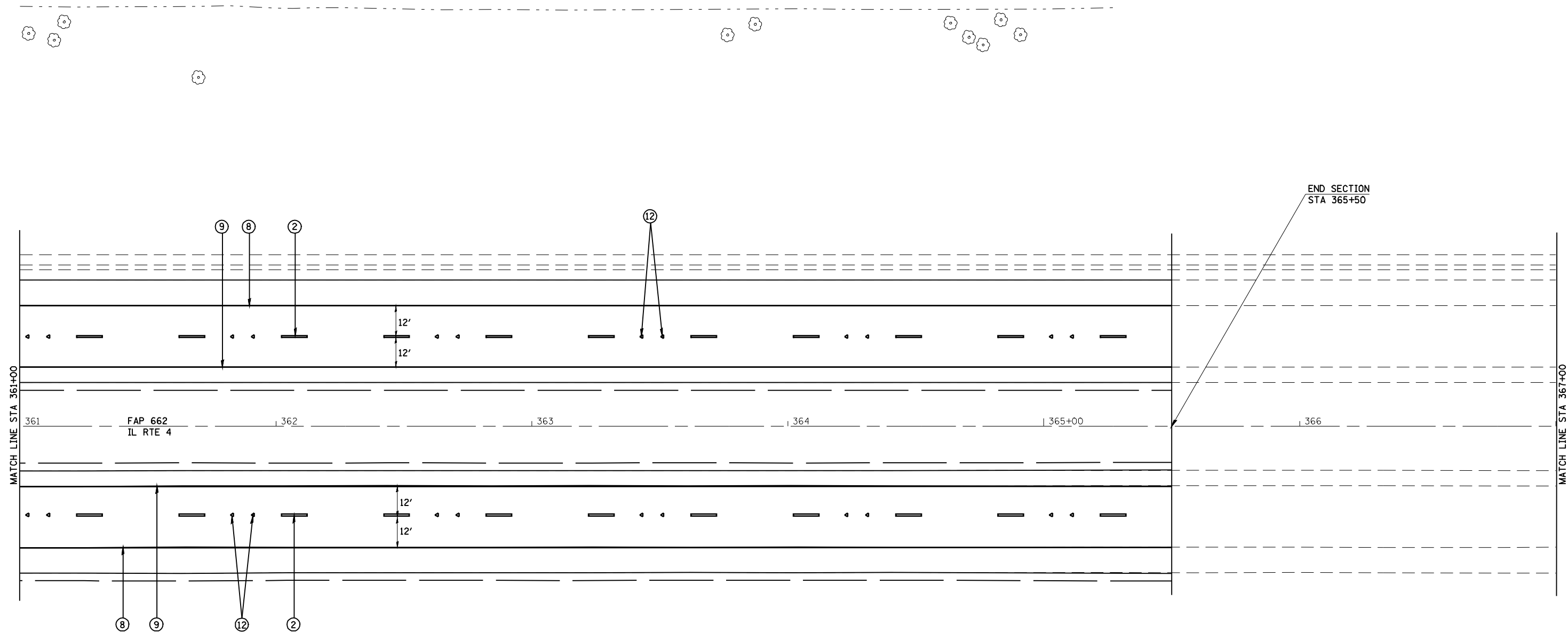
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 4 (VETERANS PARKWAY) - PAVEMENT MARKING DETAILS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	133
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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



LEGEND

- ① PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LETTERS & SYMBOLS
- ② PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (WHITE SKIP DASH)
- ③ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (SOLID YELLOW)
- ④ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (SOLID WHITE)
- ⑤ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (WHITE 2' DASH 6' SKIP)
- ⑥ PR URETHANE PAVEMENT MARKING LINE 8" (SOLID WHITE)
- ⑦ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID WHITE)
- ⑧ PR URETHANE PAVEMENT MARKING, LINE 5" (SOLID WHITE)
- ⑨ PR URETHANE PAVEMENT MARKING, LINE 5" (SOLID YELLOW)
- ⑩ PR THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE)
- ⑪ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (YELLOW SKIP DASH)
- ⑫ PR RAISED REFLECTIVE PAVEMENT MARKER
- ⑬ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID YELLOW)
- ⑭ PR URETHANE PAVEMENT MARKING LINE 8" (SOLID YELLOW)
- ZZZ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 24"



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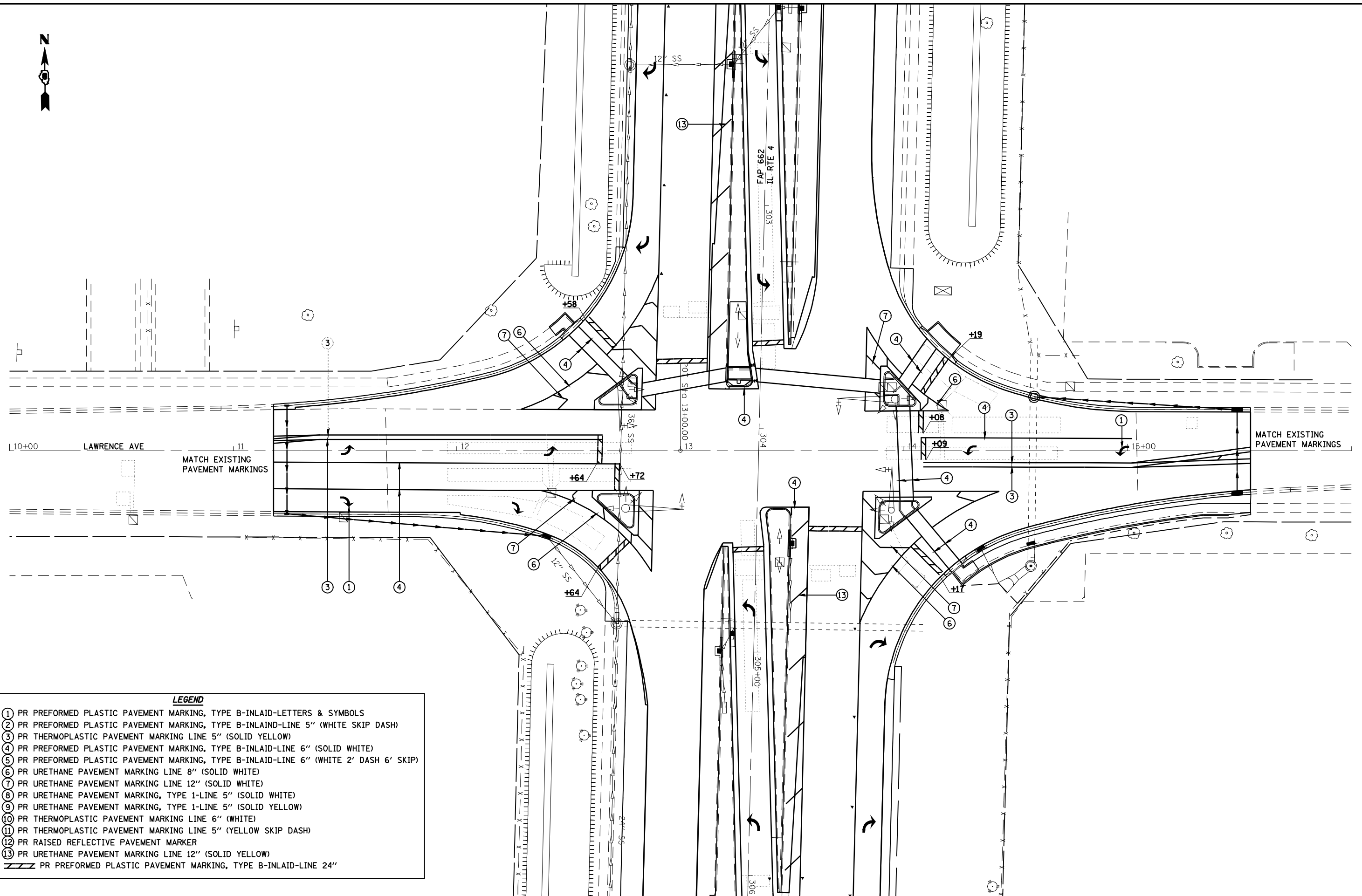
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 4 (VETERANS PARKWAY) - PAVEMENT MARKING DETAILS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	134
CONTRACT NO. 72B99				
SCALE:		SHEET NO. OF SHEETS		STA. TO STA.
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LEGEND

- ① PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LETTERS & SYMBOLS
- ② PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (WHITE SKIP DASH)
- ③ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (SOLID YELLOW)
- ④ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (SOLID WHITE)
- ⑤ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (WHITE 2' DASH 6' SKIP)
- ⑥ PR URETHANE PAVEMENT MARKING LINE 8" (SOLID WHITE)
- ⑦ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID WHITE)
- ⑧ PR URETHANE PAVEMENT MARKING, TYPE 1-LINE 5" (SOLID WHITE)
- ⑨ PR URETHANE PAVEMENT MARKING, TYPE 1-LINE 5" (SOLID YELLOW)
- ⑩ PR THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE)
- ⑪ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (YELLOW SKIP DASH)
- ⑫ PR RAISED REFLECTIVE PAVEMENT MARKER
- ⑬ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID YELLOW)
- ==== PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 24"



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 CHECKED - NAK
 DATE - 6/26/2008

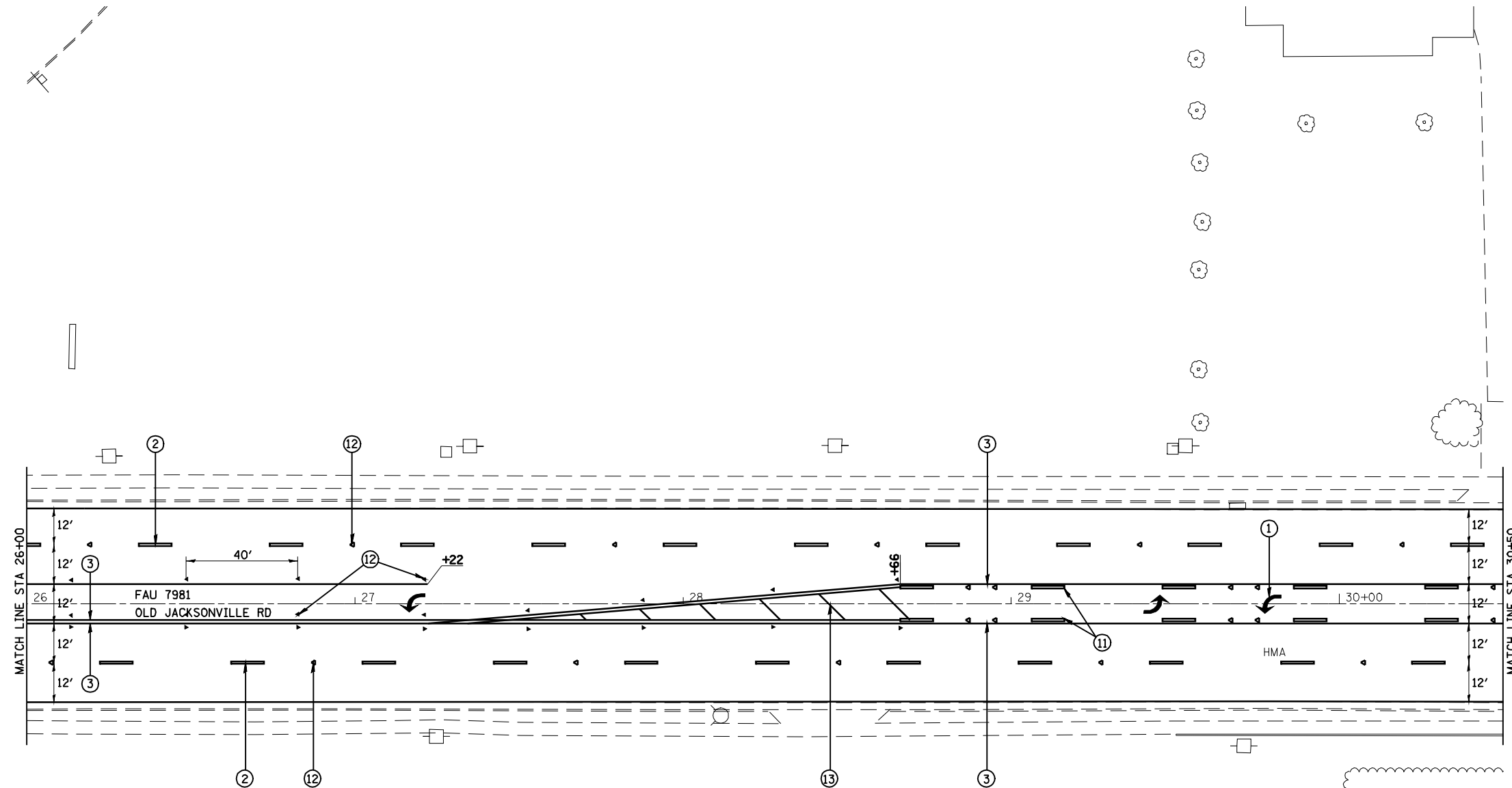
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LAWRENCE AVE - PAVEMENT MARKING DETAILS

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	135
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



JOB = 2200.4
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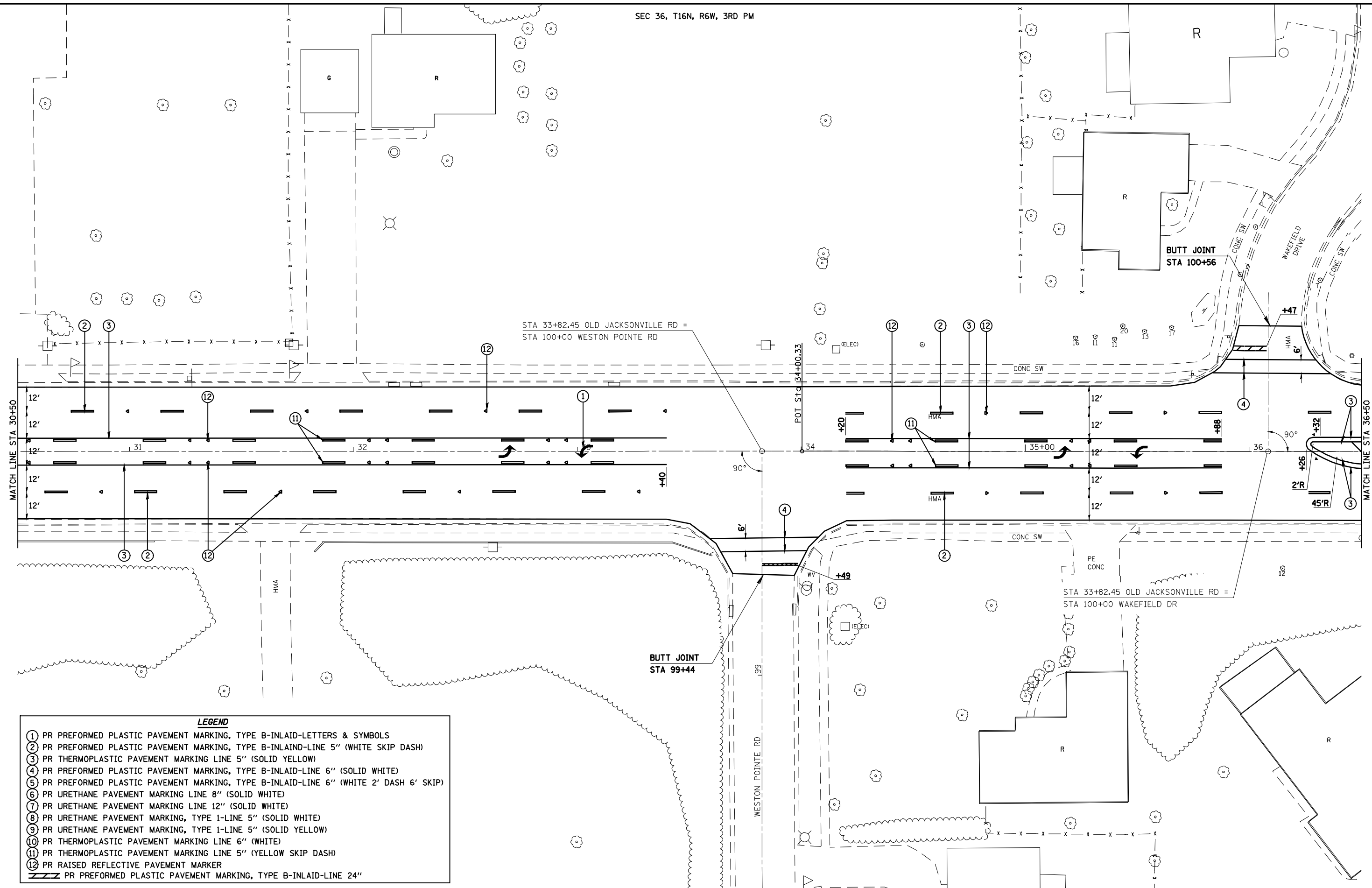
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

OLD JACKSONVILLE RD - PAVEMENT MARKING DETAILS

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	137
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



STA 33+82.45 OLD JACKSONVILLE RD =
STA 100+00 WESTON POINTE RD

STA 33+82.45 OLD JACKSONVILLE RD =
STA 100+00 WAKEFIELD DR

LEGEND

- ① PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LETTERS & SYMBOLS
- ② PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (WHITE SKIP DASH)
- ③ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (SOLID YELLOW)
- ④ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (SOLID WHITE)
- ⑤ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (WHITE 2' DASH 6' SKIP)
- ⑥ PR URETHANE PAVEMENT MARKING LINE 8" (SOLID WHITE)
- ⑦ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID WHITE)
- ⑧ PR URETHANE PAVEMENT MARKING, TYPE 1-LINE 5" (SOLID WHITE)
- ⑨ PR URETHANE PAVEMENT MARKING, TYPE 1-LINE 5" (SOLID YELLOW)
- ⑩ PR THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE)
- ⑪ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (YELLOW SKIP DASH)
- ⑫ PR RAISED REFLECTIVE PAVEMENT MARKER
- ▨▨▨ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 24"



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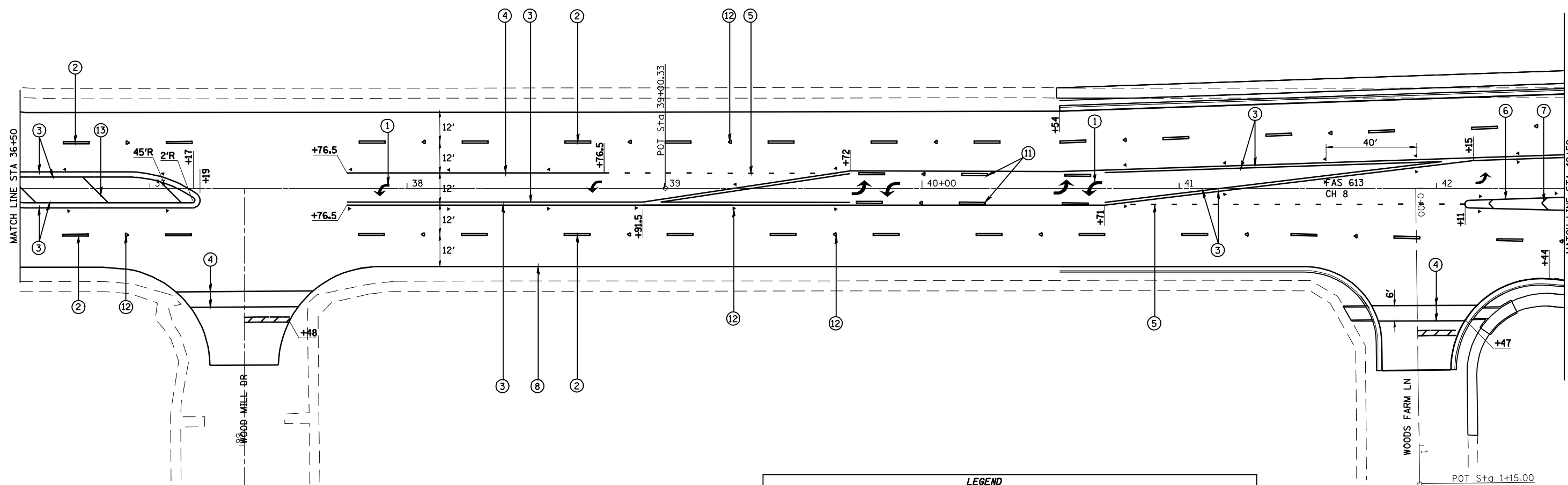
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

OLD JACKSONVILLE RD - PAVEMENT MARKING DETAILS

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	138
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND

- ① PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LETTERS & SYMBOLS
- ② PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (WHITE SKIP DASH)
- ③ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (SOLID YELLOW)
- ④ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (SOLID WHITE)
- ⑤ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (WHITE 2' DASH 6' SKIP)
- ⑥ PR URETHANE PAVEMENT MARKING LINE 8" (SOLID WHITE)
- ⑦ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID WHITE)
- ⑧ PR URETHANE PAVEMENT MARKING, TYPE 1-LINE 5" (SOLID WHITE)
- ⑨ PR URETHANE PAVEMENT MARKING, TYPE 1-LINE 5" (SOLID YELLOW)
- ⑩ PR THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE)
- ⑪ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (YELLOW SKIP DASH)
- ⑫ PR RAISED REFLECTIVE PAVEMENT MARKER
- ⑬ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID YELLOW)
- ▬▬▬ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 24"

CEC Cummins
Engineering
Corporation
Civil and Structural Engineering

JOB = 2200.4
FILE NAME = d672B99-shr-pmk2.dgn
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CHECKED - NAK
DATE - 6/26/2008

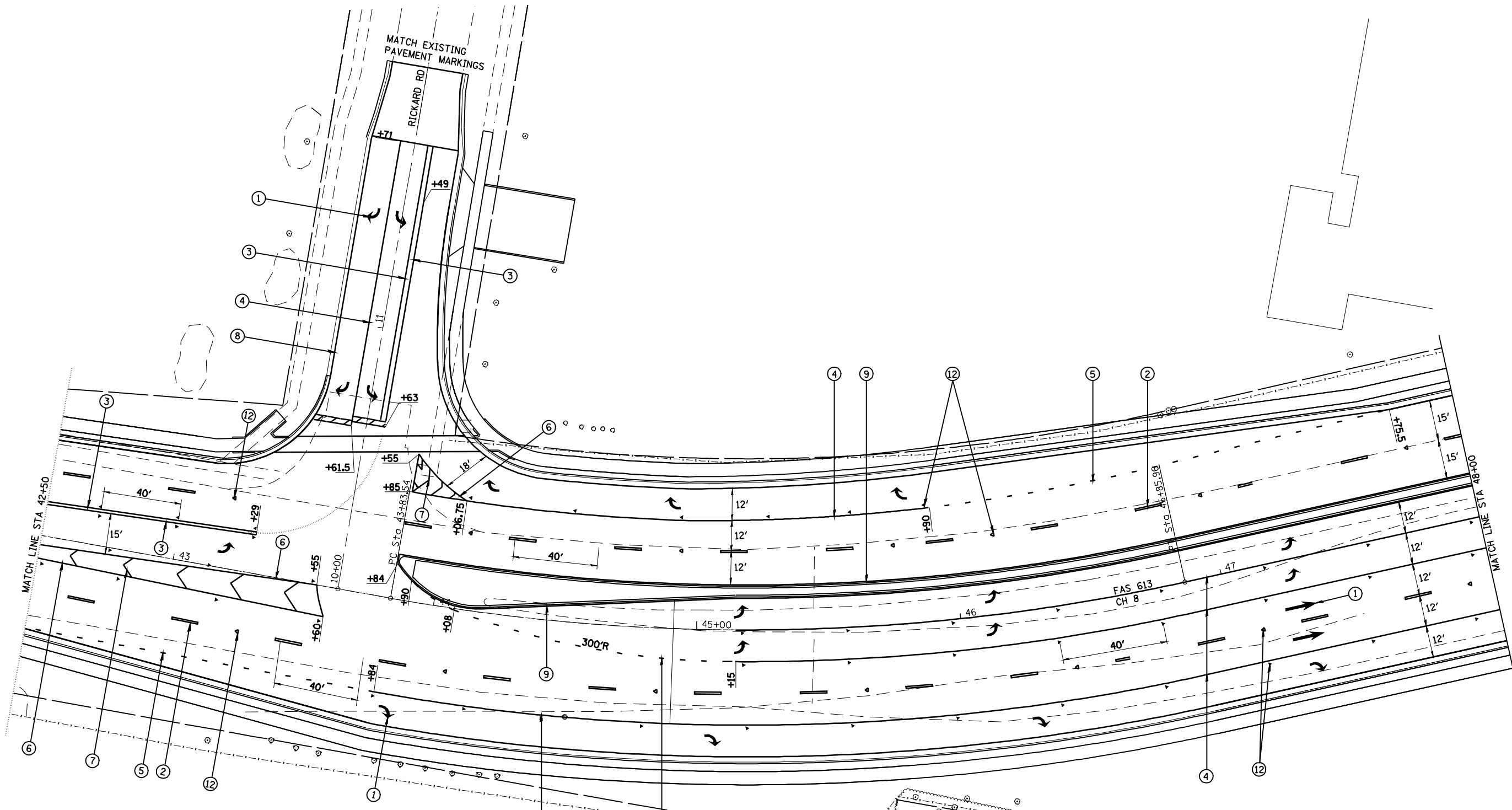
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

OLD JACKSONVILLE RD - PAVEMENT MARKING DETAILS

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	139
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND

- ① PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LETTERS & SYMBOLS
- ② PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (WHITE SKIP DASH)
- ③ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (SOLID YELLOW)
- ④ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (SOLID WHITE)
- ⑤ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (WHITE 2' DASH 6' SKIP)
- ⑥ PR URETHANE PAVEMENT MARKING LINE 8" (SOLID WHITE)
- ⑦ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID WHITE)
- ⑧ PR URETHANE PAVEMENT MARKING, TYPE 1-LINE 5" (SOLID WHITE)
- ⑨ PR URETHANE PAVEMENT MARKING, TYPE 1-LINE 5" (SOLID YELLOW)
- ⑩ PR THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE)
- ⑪ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (YELLOW SKIP DASH)
- ⑫ PR RAISED REFLECTIVE PAVEMENT MARKER
- ⑬ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID YELLOW)
- ▬▬▬ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 24"



JOB = 2200.4
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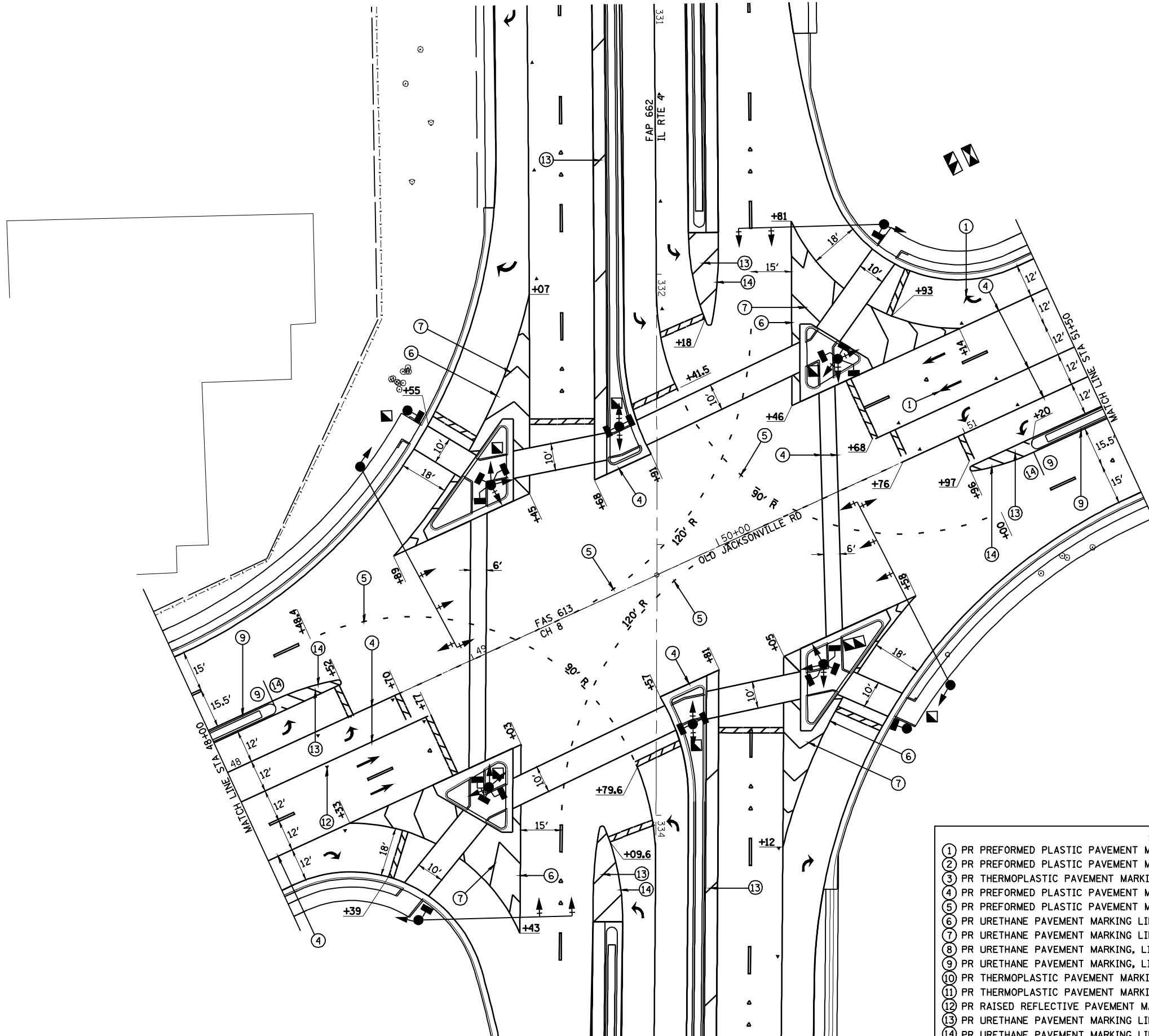
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

OLD JACKSONVILLE RD - PAVEMENT MARKING DETAILS

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

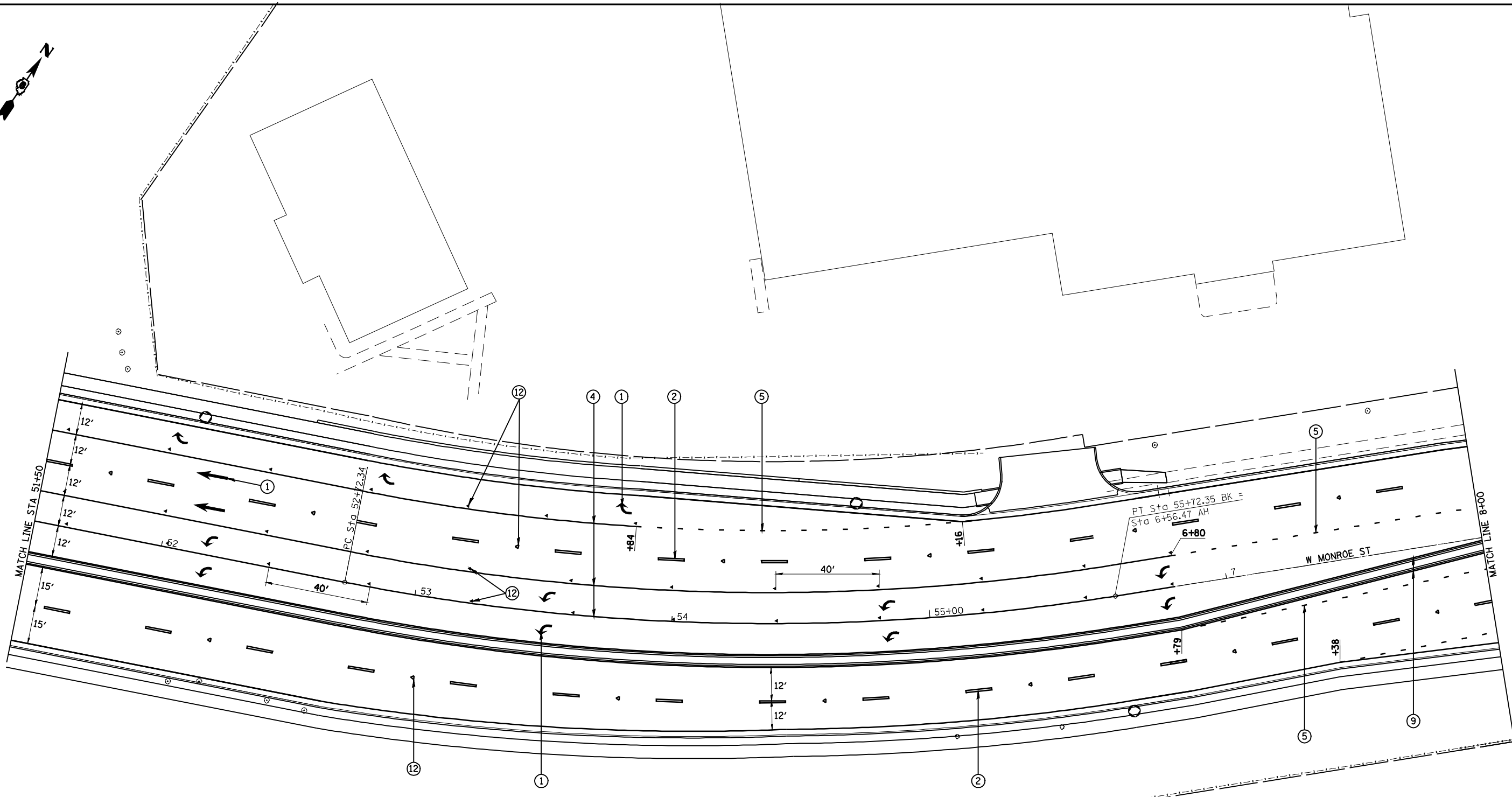
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	140
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



LEGEND

- ① PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LETTERS & SYMBOLS
- ② PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (WHITE SKIP DASH)
- ③ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (SOLID YELLOW)
- ④ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (SOLID WHITE)
- ⑤ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (WHITE 2' DASH 6' SKIP)
- ⑥ PR URETHANE PAVEMENT MARKING LINE 8" (SOLID WHITE)
- ⑦ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID WHITE)
- ⑧ PR URETHANE PAVEMENT MARKING, LINE 5" (SOLID WHITE)
- ⑨ PR URETHANE PAVEMENT MARKING, LINE 5" (SOLID YELLOW)
- ⑩ PR THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE)
- ⑪ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (YELLOW SKIP DASH)
- ⑫ PR RAISED REFLECTIVE PAVEMENT MARKER
- ⑬ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID YELLOW)
- ⑭ PR URETHANE PAVEMENT MARKING LINE 8" (SOLID YELLOW)

▨▨▨▨ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 24"



LEGEND

- ① PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LETTERS & SYMBOLS
- ② PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (WHITE SKIP DASH)
- ③ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (SOLID YELLOW)
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- ⑧ PR URETHANE PAVEMENT MARKING, TYPE 1-LINE 5" (SOLID WHITE)
- ⑨ PR URETHANE PAVEMENT MARKING, TYPE 1-LINE 5" (SOLID YELLOW)
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- ⑫ PR RAISED REFLECTIVE PAVEMENT MARKER
- ⑬ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID YELLOW)
- ▬▬▬ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 24"

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Engineering
Corporation
Civil and Structural Engineering

JOB = 2200.4
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PLOT DATE = *DATE*

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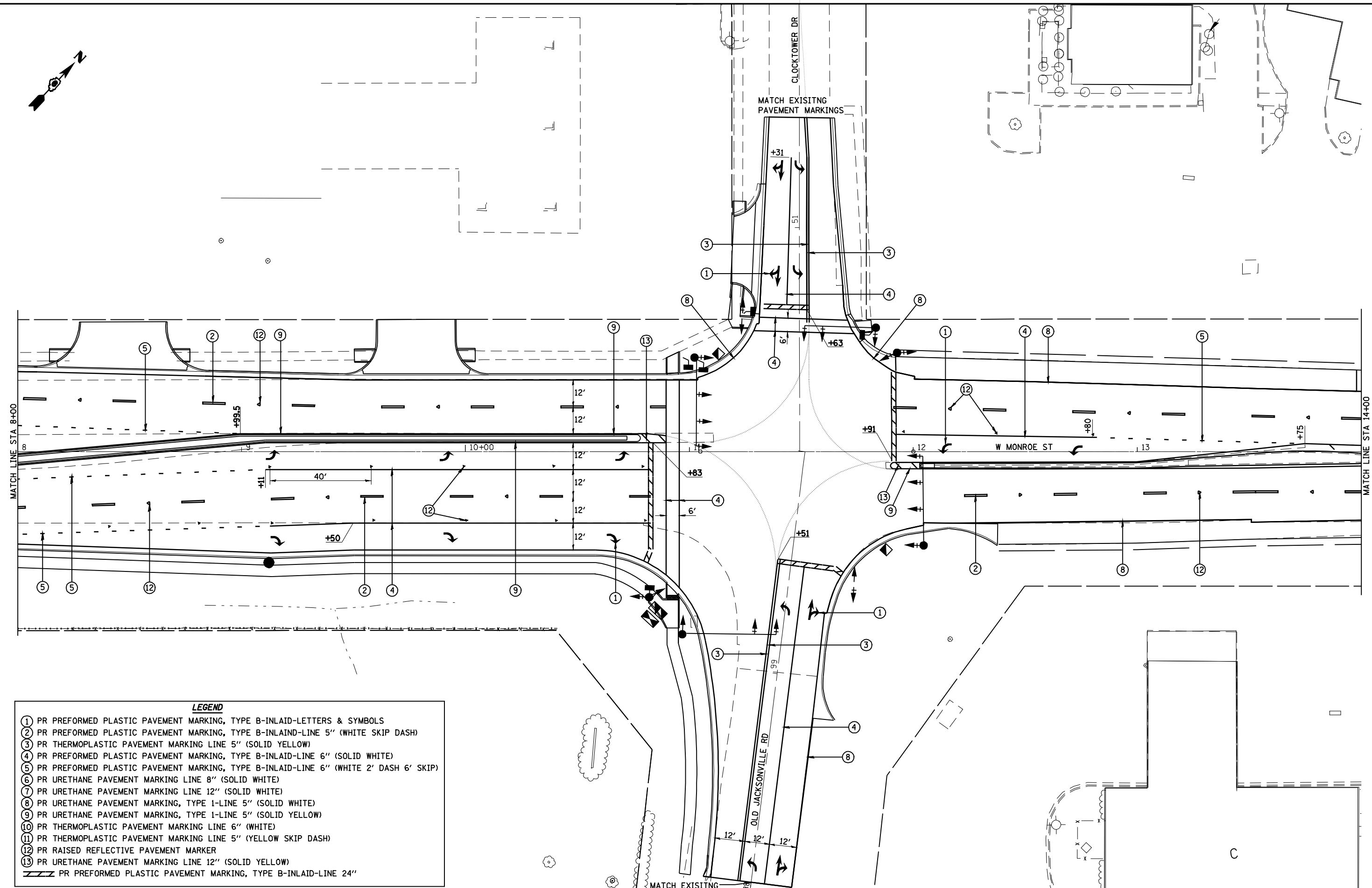
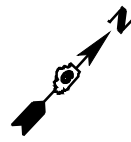
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

OLD JACKSONVILLE RD - PAVEMENT MARKING DETAILS

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	142
CONTRACT NO. 72B99				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LEGEND

- ① PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LETTERS & SYMBOLS
- ② PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (WHITE SKIP DASH)
- ③ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (SOLID YELLOW)
- ④ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (SOLID WHITE)
- ⑤ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (WHITE 2' DASH 6' SKIP)
- ⑥ PR URETHANE PAVEMENT MARKING LINE 8" (SOLID WHITE)
- ⑦ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID WHITE)
- ⑧ PR URETHANE PAVEMENT MARKING, TYPE 1-LINE 5" (SOLID WHITE)
- ⑨ PR URETHANE PAVEMENT MARKING, TYPE 1-LINE 5" (SOLID YELLOW)
- ⑩ PR THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE)
- ⑪ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (YELLOW SKIP DASH)
- ⑫ PR RAISED REFLECTIVE PAVEMENT MARKER
- ⑬ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID YELLOW)
- ▨▨▨ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 24"



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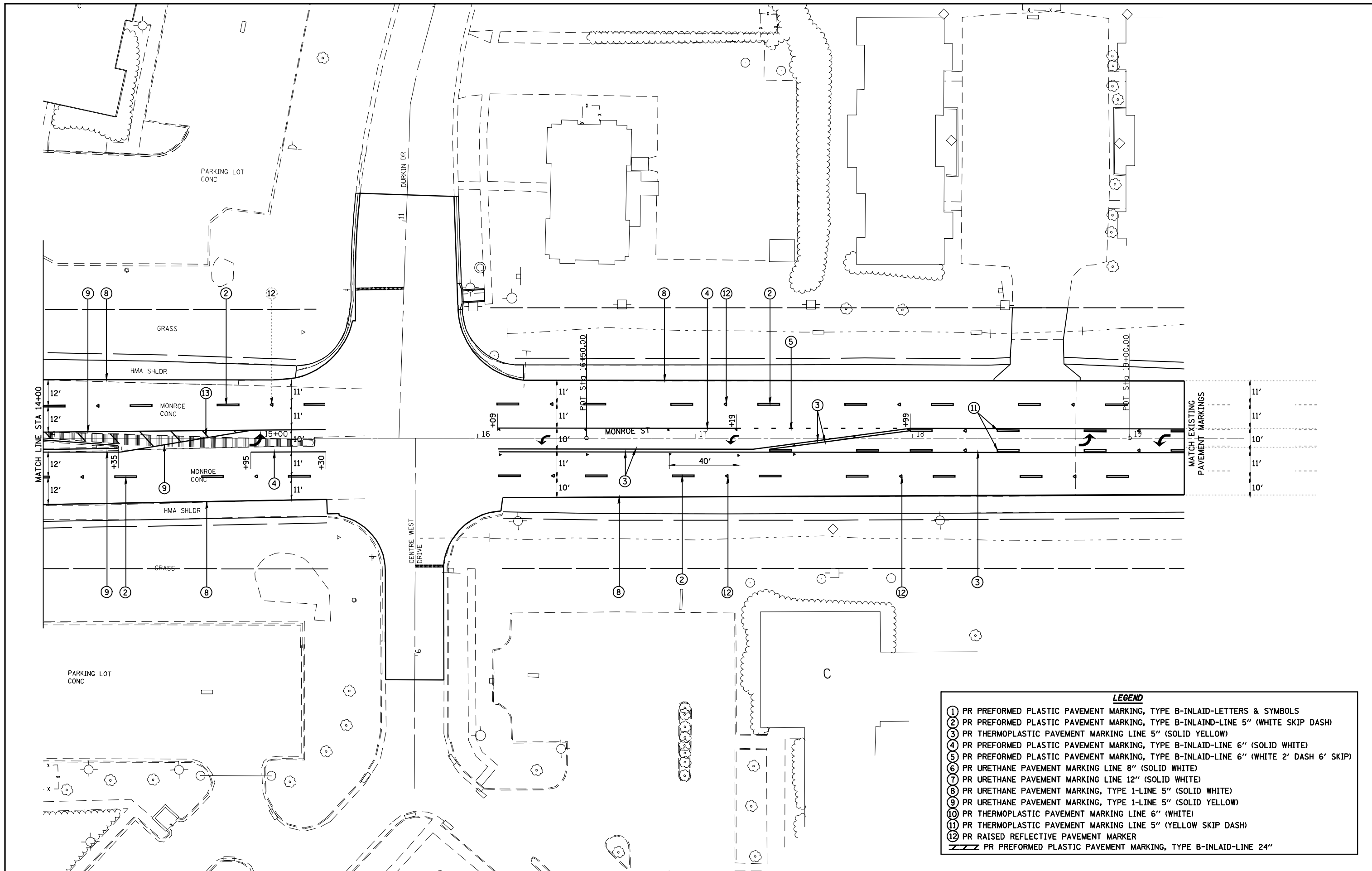
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

OLD JACKSONVILLE RD - PAVEMENT MARKING DETAILS

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	143
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND

- ① PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LETTERS & SYMBOLS
- ② PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (WHITE SKIP DASH)
- ③ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (SOLID YELLOW)
- ④ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (SOLID WHITE)
- ⑤ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (WHITE 2' DASH 6' SKIP)
- ⑥ PR URETHANE PAVEMENT MARKING LINE 8" (SOLID WHITE)
- ⑦ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID WHITE)
- ⑧ PR URETHANE PAVEMENT MARKING, TYPE 1-LINE 5" (SOLID WHITE)
- ⑨ PR URETHANE PAVEMENT MARKING, TYPE 1-LINE 5" (SOLID YELLOW)
- ⑩ PR THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE)
- ⑪ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (YELLOW SKIP DASH)
- ⑫ PR RAISED REFLECTIVE PAVEMENT MARKER
- ▨▨▨ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 24"



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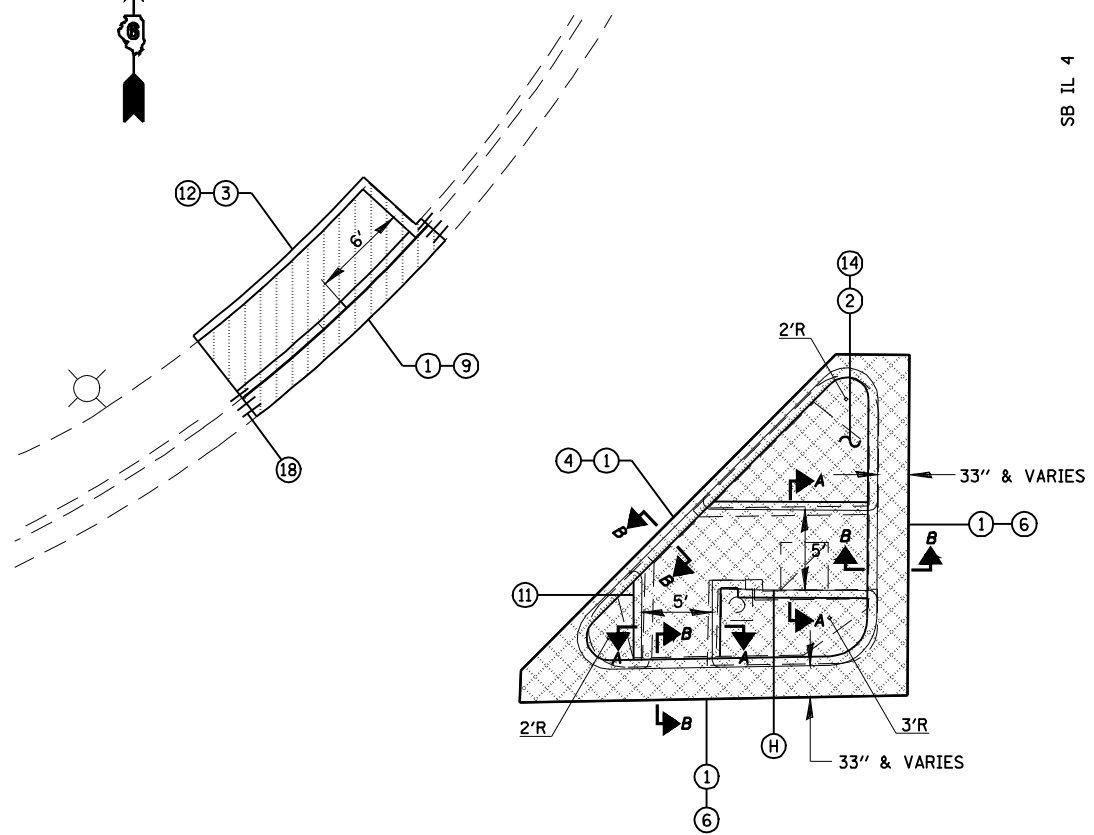
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

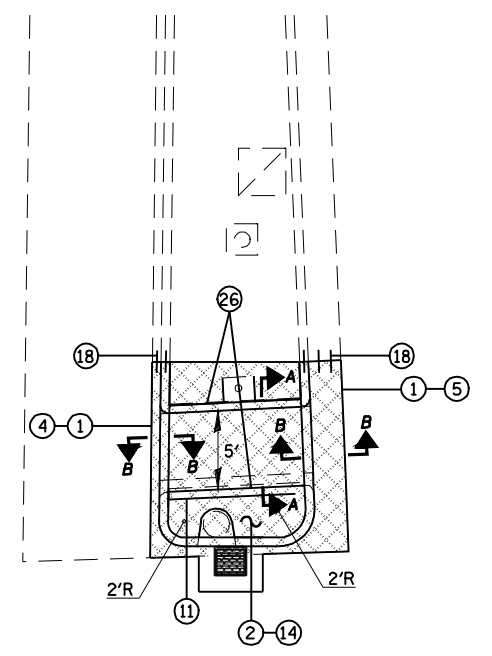
MONROE ST - PAVEMENT MARKING DETAILS

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

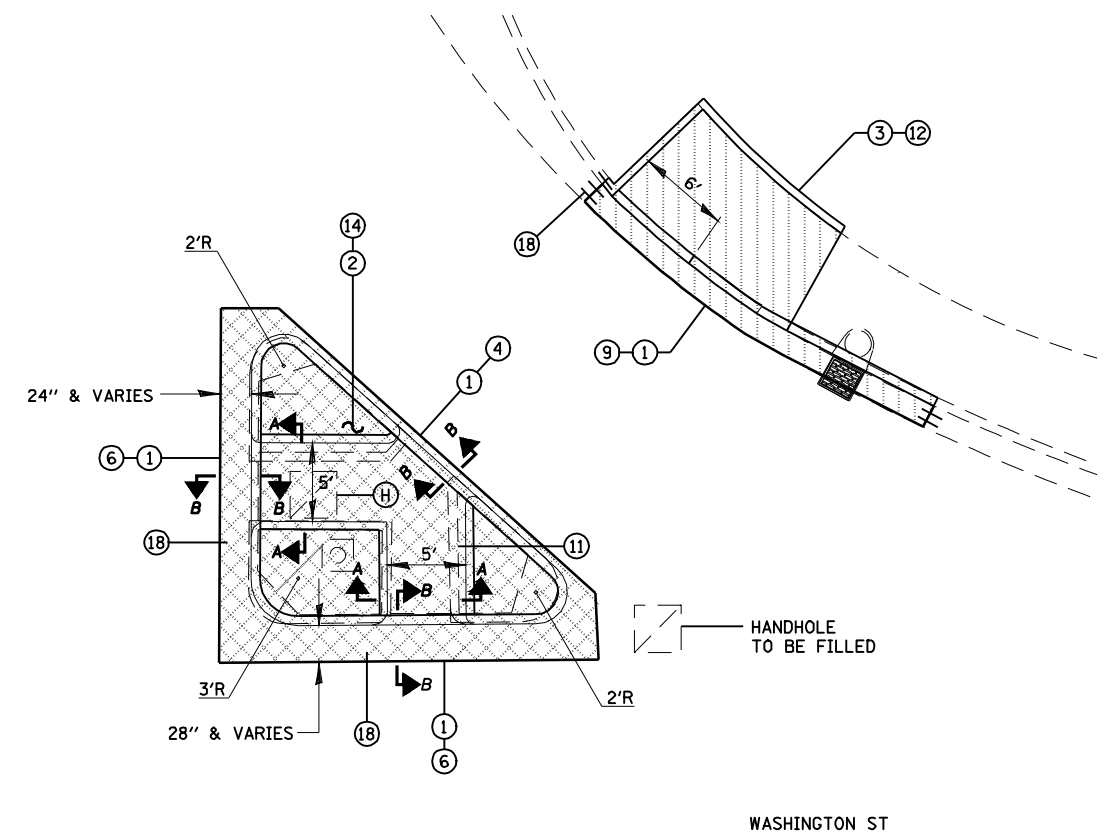
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	144
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



SB IL 4



NB IL 4



WASHINGTON ST

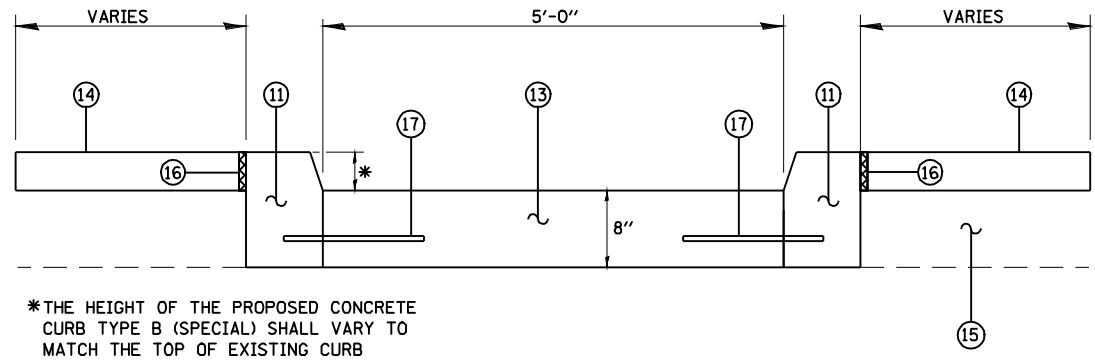
WASHINGTON ST SIDEWALK PLAN (NORTH)

LEGEND

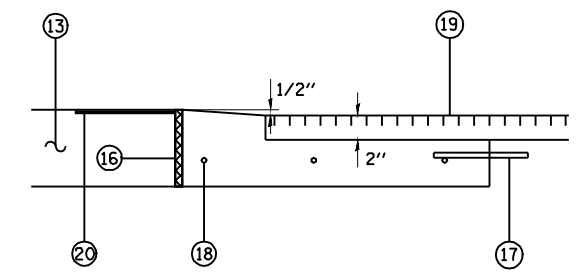
- ① EXIST. COMBINATION CURB AND GUTTER TBR
- ② EXIST. 4" CONCRETE MEDIAN SURFACE TBR
- ③ SIDEWALK REMOVAL
- ④ PROP. COMBINATION CURB AND GUTTER TYPE M-6.06
- ⑤ PROP. COMBINATION CURB AND GUTTER TYPE M-6.24
- ⑥ PROP. COMBINATION CURB AND GUTTER TYPE M-6.24 (VWGF)
- ⑦ PROP. COMBINATION CURB AND GUTTER TYPE B-6.06
- ⑧ PROP. COMBINATION CURB AND GUTTER TYPE B-6.12
- ⑨ PROP. COMBINATION CURB AND GUTTER TYPE B-6.18
- ⑩ PROP. COMBINATION CURB AND GUTTER TYPE B-6.24
- ⑪ PROP. CONCRETE CURB TYPE B6
- ⑫ PROP. P.C.C. SIDEWALK 4"
- ⑬ PROP. P.C.C. SIDEWALK 8"
- ⑭ PROP. CONCRETE MEDIAN SURFACE 4"
- ⑮ PROP. SUB BASE GRANULAR MATERIAL MATERIAL TYPE B
- ⑯ PROP. 3/4" PREFORMED EXPANSION JOINT FILLER (TYP.)
- ⑰ PROP. TIE BAR
- ⑱ PROP. DOWEL BAR
- ⑲ PROP. HMA RESURFACING
- ⑳ PROP. DETECTABLE WARNINGS
- ㉑ EXIST. CONCRETE GUTTER TBR
- ㉒ EXIST. PAVED DITCH TBR
- ㉓ PROP. CONCRETE GUTTER TYPE B (SPECIAL)
- ㉔ PROP. CLASS SI CONCRETE OUTLET
- ㉕ PROP. PAVED DITCH TYPE A-15 (SPECIAL)
- ㉖ CONCRETE CURB TYPE B (SPECIAL)
- Ⓜ EXISTING HANDHOLE BOX (TO REMAIN OR TO BE ADJUSTED)

NOTE:

1. FOR ADDITIONAL INFORMATION ABOUT CURB AND GUTTER, MEDIAN AND SIDEWALK SEE STD. 424001, 606001, & 606301



SECTION A-A



SECTION B-B



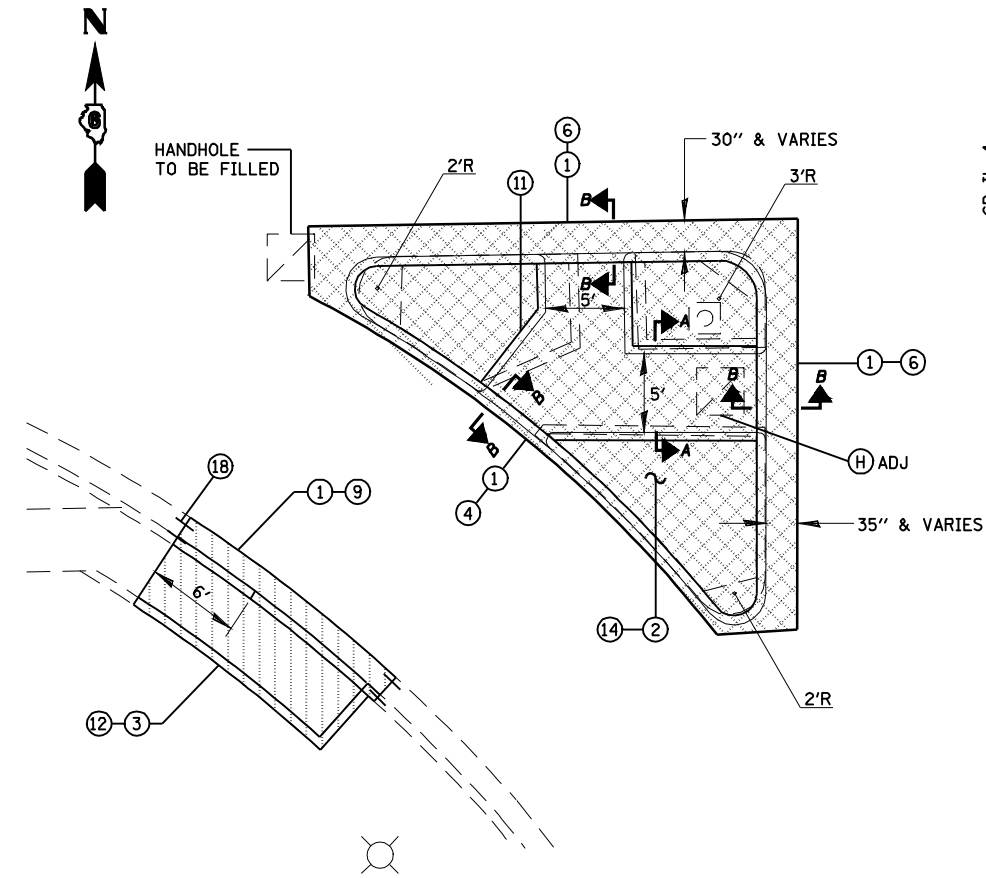
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

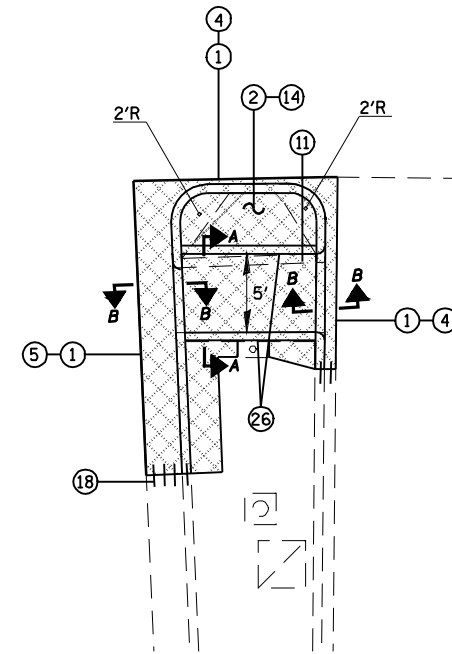
CROSSWALK & ISLAND DETAILS

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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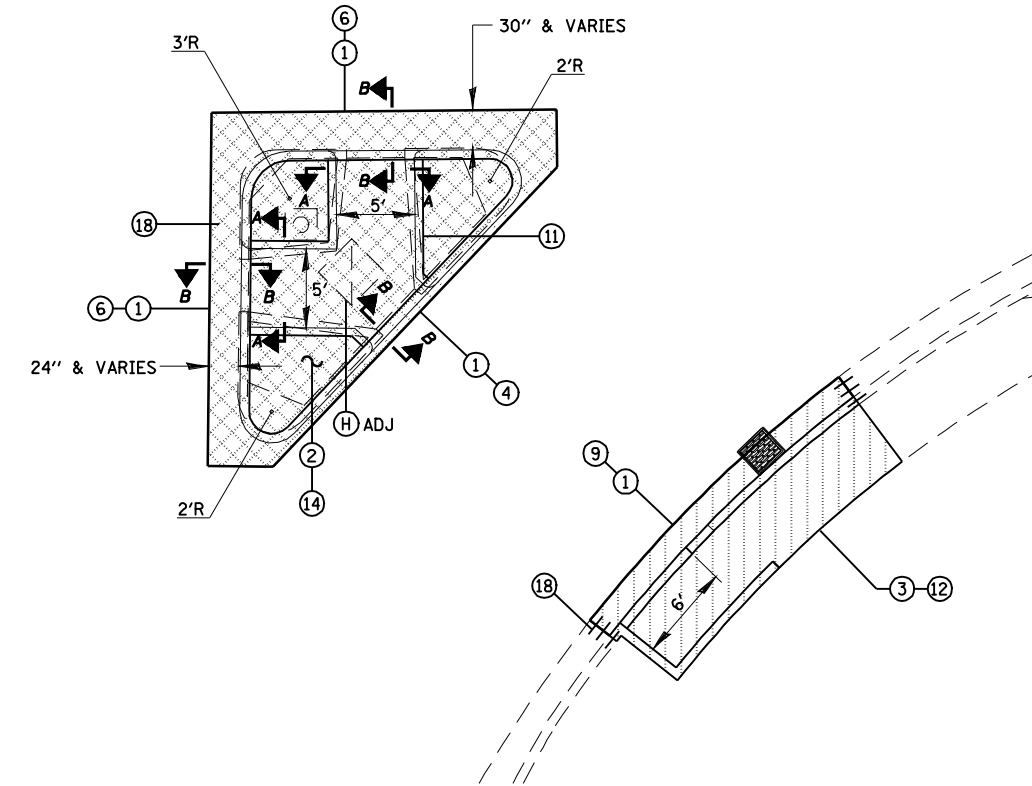
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	145
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



SB IL 4



NB IL 4



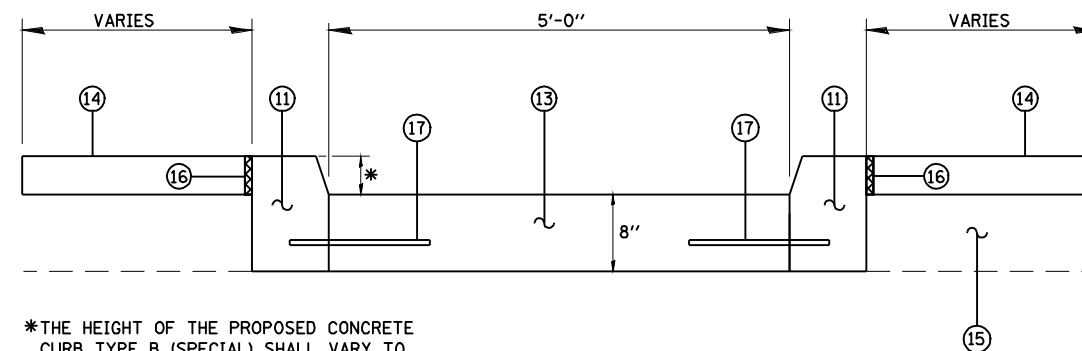
WASHINGTON ST SIDEWALK PLAN (SOUTH)

LEGEND

- ① EXIST. COMBINATION CURB AND GUTTER TBR
- ② EXIST. 4" CONCRETE MEDIAN SURFACE TBR
- ③ SIDEWALK REMOVAL
- ④ PROP. COMBINATION CURB AND GUTTER TYPE M-6.06
- ⑤ PROP. COMBINATION CURB AND GUTTER TYPE M-6.24
- ⑥ PROP. COMBINATION CURB AND GUTTER TYPE M-6.24 (VWGF)
- ⑦ PROP. COMBINATION CURB AND GUTTER TYPE B-6.06
- ⑧ PROP. COMBINATION CURB AND GUTTER TYPE B-6.12
- ⑨ PROP. COMBINATION CURB AND GUTTER TYPE B-6.18
- ⑩ PROP. COMBINATION CURB AND GUTTER TYPE B-6.24
- ⑪ PROP. CONCRETE CURB TYPE B6
- ⑫ PROP. P.C.C. SIDEWALK 4"
- ⑬ PROP. P.C.C. SIDEWALK 8"
- ⑭ PROP. CONCRETE MEDIAN SURFACE 4"
- ⑮ PROP. SUB BASE GRANULAR MATERIAL MATERIAL TYPE B
- ⑯ PROP. 3/4" PREFORMED EXPANSION JOINT FILLER (TYP.)
- ⑰ PROP. TIE BAR
- ⑱ PROP. DOWEL BAR
- ⑲ PROP. HMA RESURFACING
- ⑳ PROP. DETECTABLE WARNINGS
- ㉑ EXIST. CONCRETE GUTTER TBR
- ㉒ EXIST. PAVED DITCH TBR
- ㉓ PROP. CONCRETE GUTTER TYPE B (SPECIAL)
- ㉔ PROP. CLASS SI CONCRETE OUTLET
- ㉕ PROP. PAVED DITCH TYPE A-15 (SPECIAL)
- ㉖ CONCRETE CURB TYPE B (SPECIAL)
- (H) EXISTING HANDHOLE BOX (TO REMAIN OR TO BE ADJUSTED)

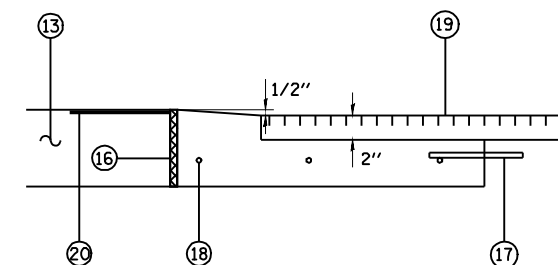
NOTE:

1. FOR ADDITIONAL INFORMATION ABOUT CURB AND GUTTER, MEDIAN AND SIDEWALK SEE STD. 424001, 606001, & 606301

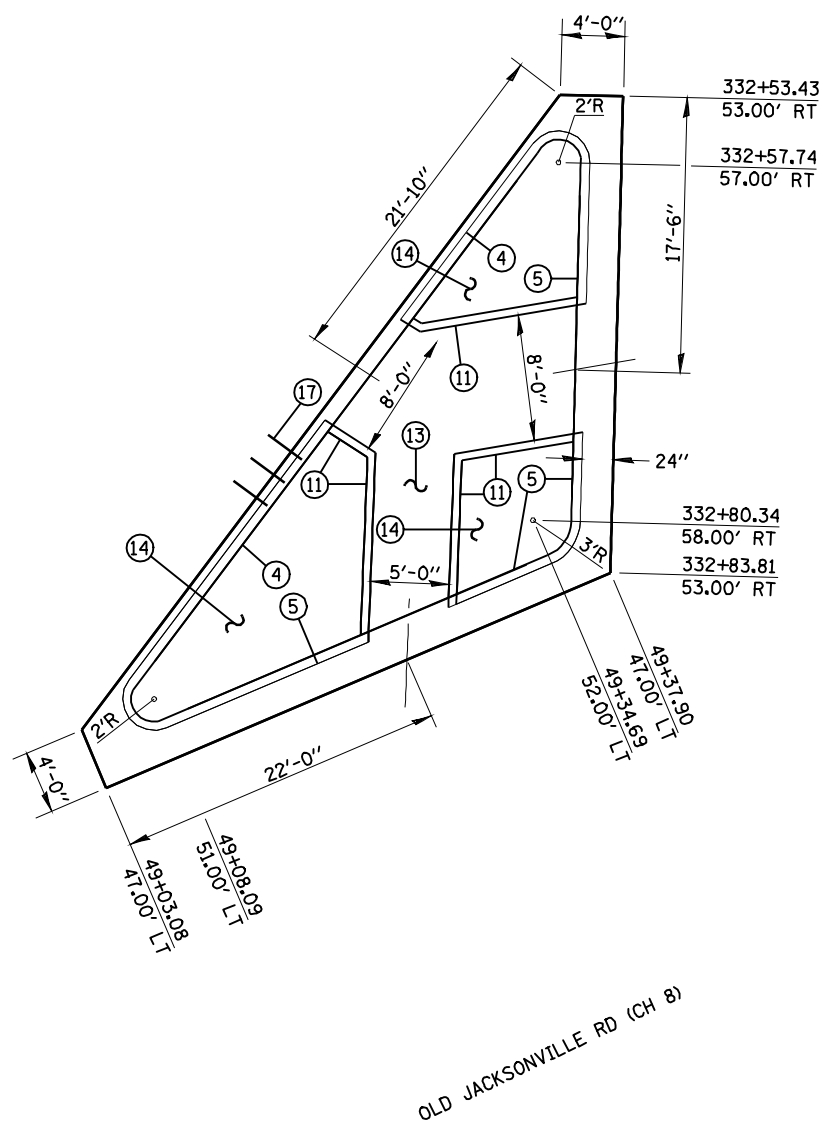


*THE HEIGHT OF THE PROPOSED CONCRETE CURB TYPE B (SPECIAL) SHALL VARY TO MATCH THE TOP OF EXISTING CURB

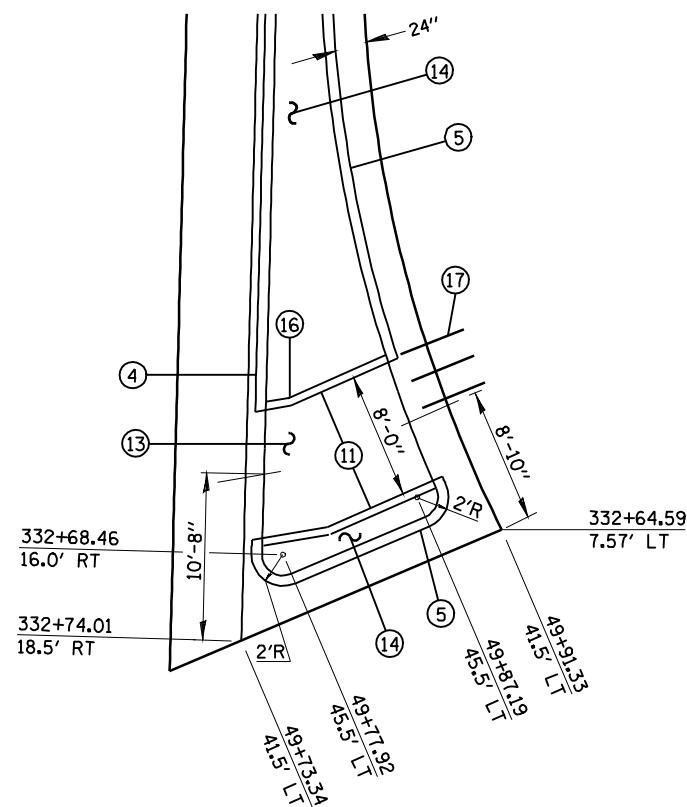
SECTION A-A



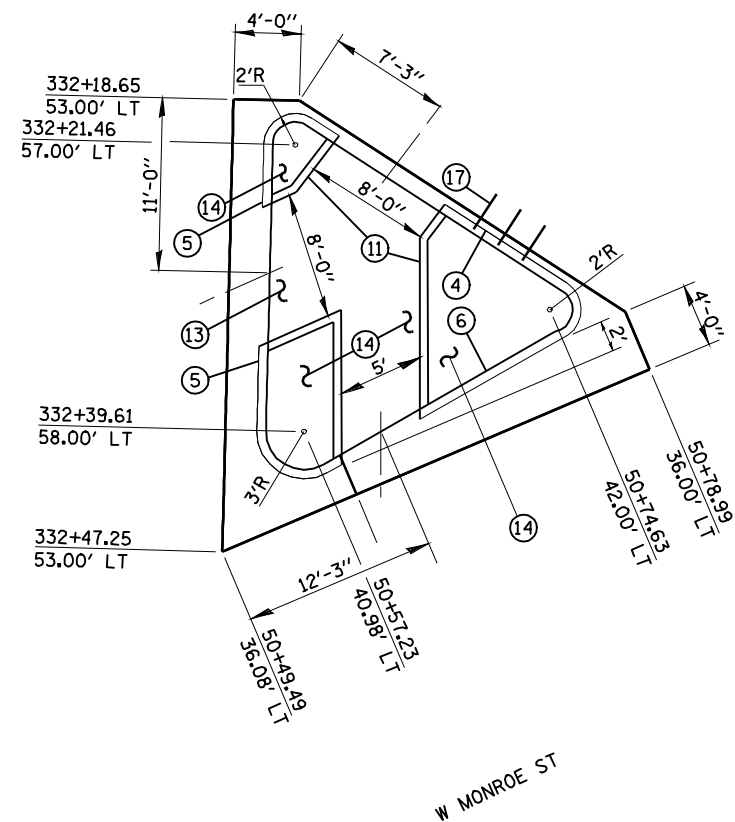
SECTION B-B



SB IL 4 (VETERANS PARKWAY)



NB IL 4 (VETERANS PARKWAY)

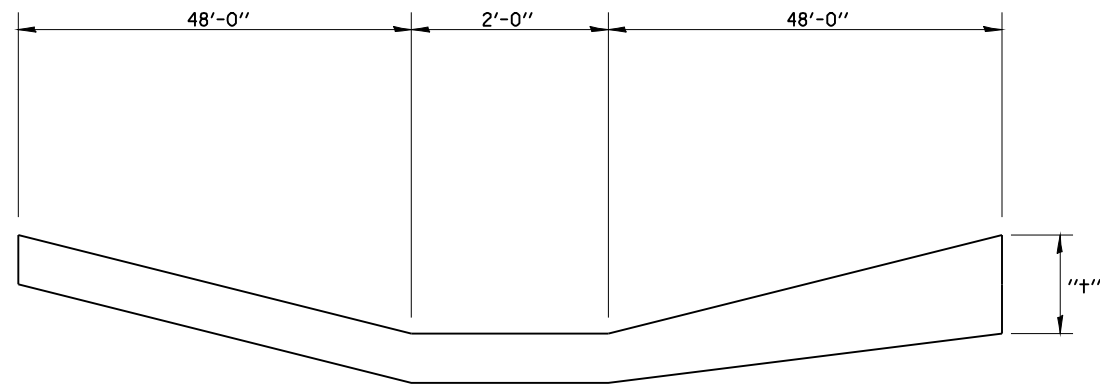


OLD JACKSONVILLE RD SIDEWALK PLAN (NORTH)

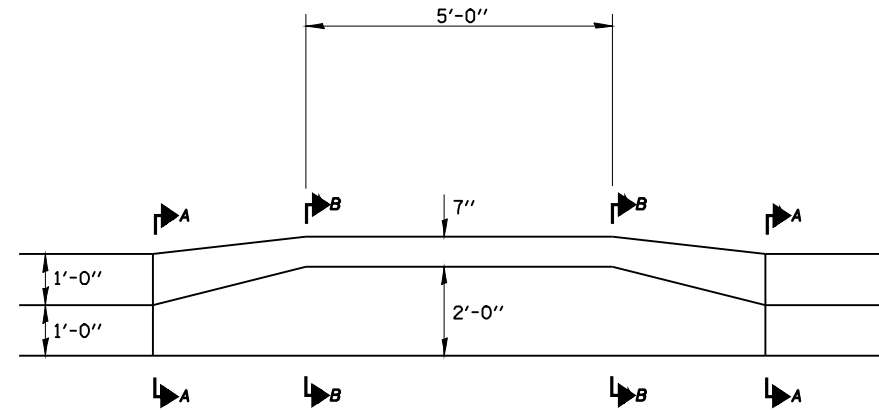
LEGEND	
1	EXIST. COMBINATION CURB AND GUTTER TBR
2	EXIST. 4" CONCRETE MEDIAN SURFACE TBR
3	SIDEWALK REMOVAL
4	PROP. COMBINATION CURB AND GUTTER TYPE M-6.06
5	PROP. COMBINATION CURB AND GUTTER TYPE M-6.24
6	PROP. COMBINATION CURB AND GUTTER TYPE M-6.24 (VWGF)
7	PROP. COMBINATION CURB AND GUTTER TYPE B-6.06
8	PROP. COMBINATION CURB AND GUTTER TYPE B-6.12
9	PROP. COMBINATION CURB AND GUTTER TYPE B-6.18
10	PROP. COMBINATION CURB AND GUTTER TYPE B-6.24
11	PROP. CONCRETE CURB TYPE B6
12	PROP. P.C.C. SIDEWALK 4"
13	PROP. P.C.C. SIDEWALK 8"
14	PROP. CONCRETE MEDIAN SURFACE 4"
15	PROP. SUB BASE GRANULAR MATERIAL MATERIAL TYPE B
16	PROP. 3/4" PREFORMED EXPANSION JOINT FILLER (TYP.)
17	PROP. TIE BAR
18	PROP. DOWEL BAR
19	PROP. HMA RESURFACING
20	PROP. DETECTABLE WARNINGS
21	EXIST. CONCRETE GUTTER TBR
22	EXIST. PAVED DITCH TBR
23	PROP. CONCRETE GUTTER TYPE B (SPECIAL)
24	PROP. CLASS SI CONCRETE OUTLET
25	PROP. PAVED DITCH TYPE A-15 (SPECIAL)
26	CONCRETE CURB TYPE B (SPECIAL)
(H)	EXISTING HANDHOLE BOX (TO REMAIN OR TO BE ADJUSTED)

NOTE:

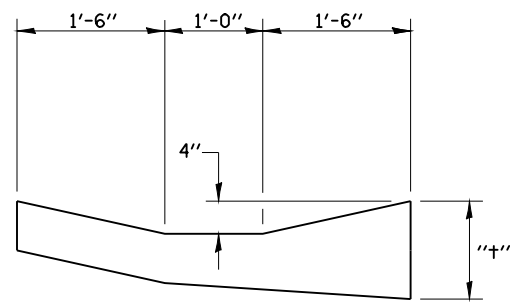
1. FOR ADDITIONAL INFORMATION ABOUT CURB AND GUTTER, MEDIAN AND SIDEWALK SEE STD. 424001, 606001, & 606301



PAVED DITCH TYPE B-30 (SPECIAL)

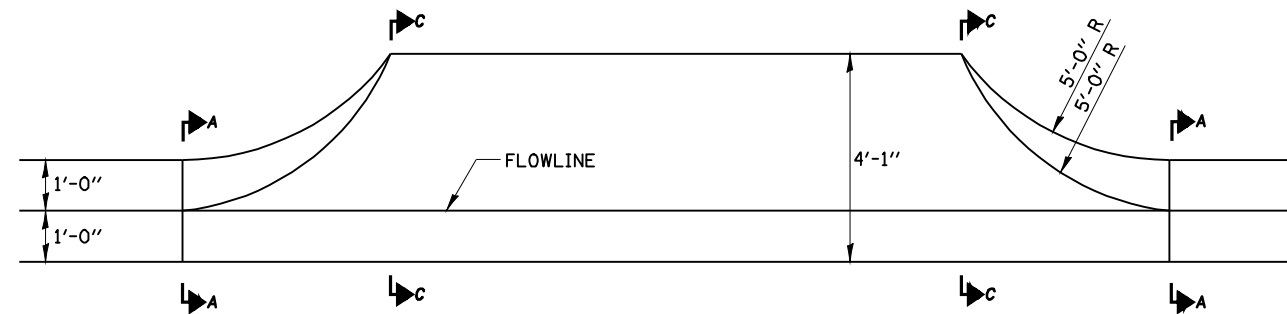


**CONCRETE GUTTER TYPE B (SPECIAL)
DETAIL AT SIDEWALK HANDICAP RAMP**

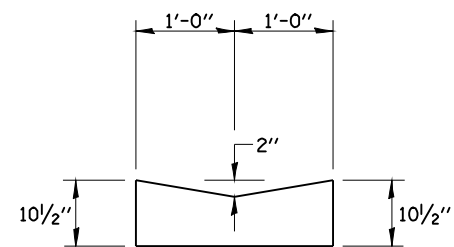


PAVED DITCH TYPE A-15 (SPECIAL)

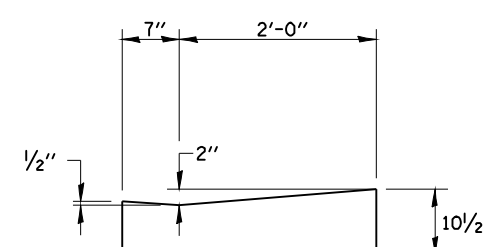
“+” = PAVEMENT THICKNESS



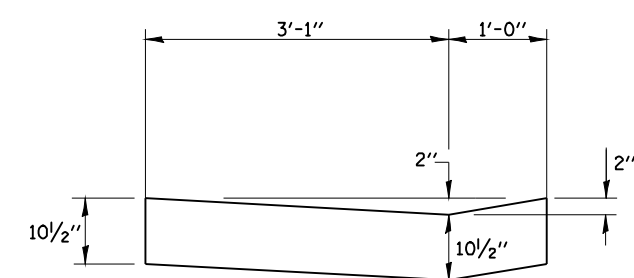
**CONCRETE GUTTER TYPE B (SPECIAL)
DETAIL AT COMMERCIAL ENTRANCE**



SECTION A-A

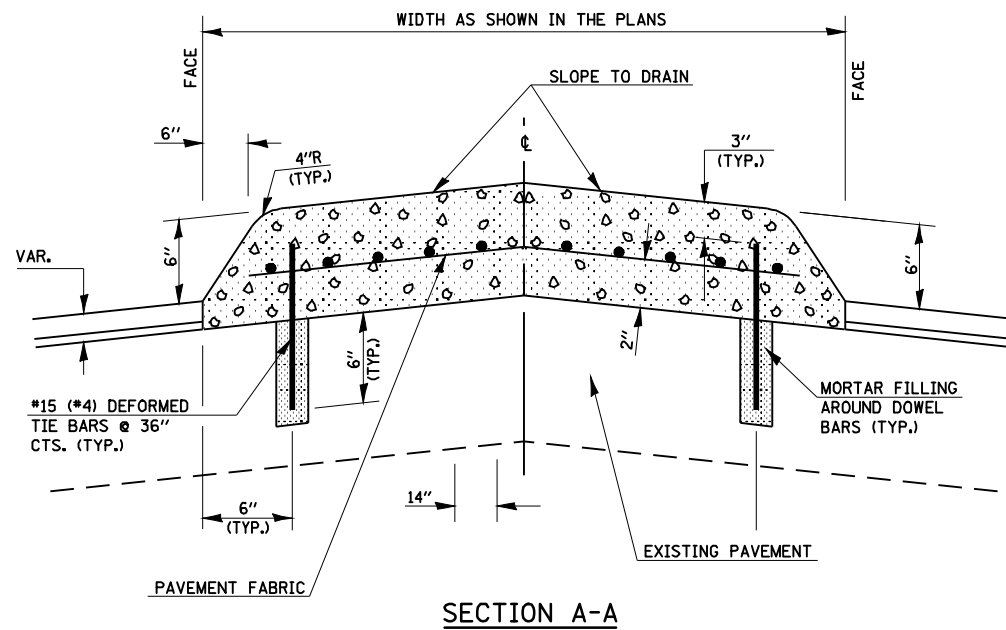


SECTION B-B



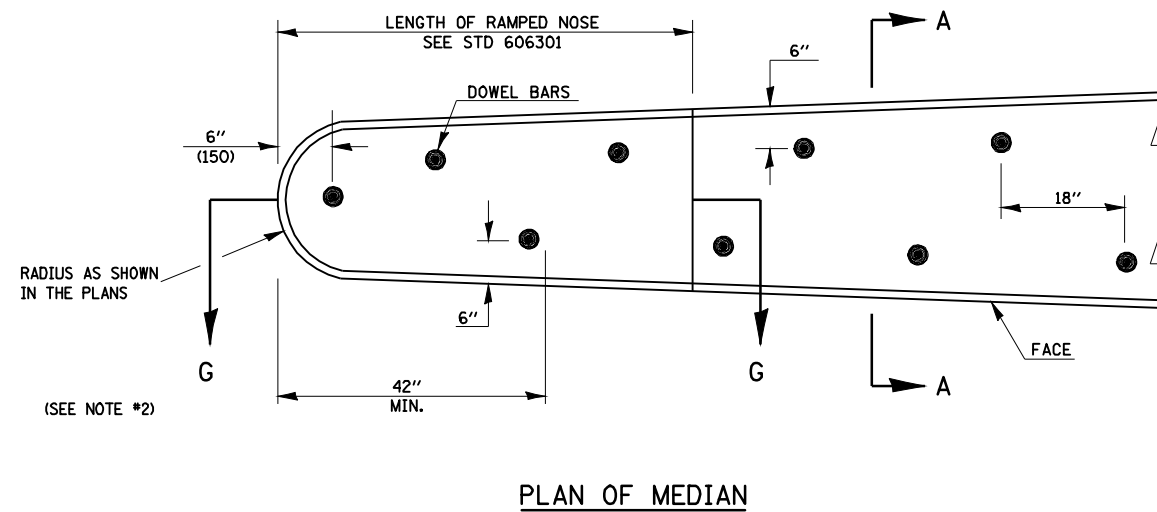
SECTION C-C

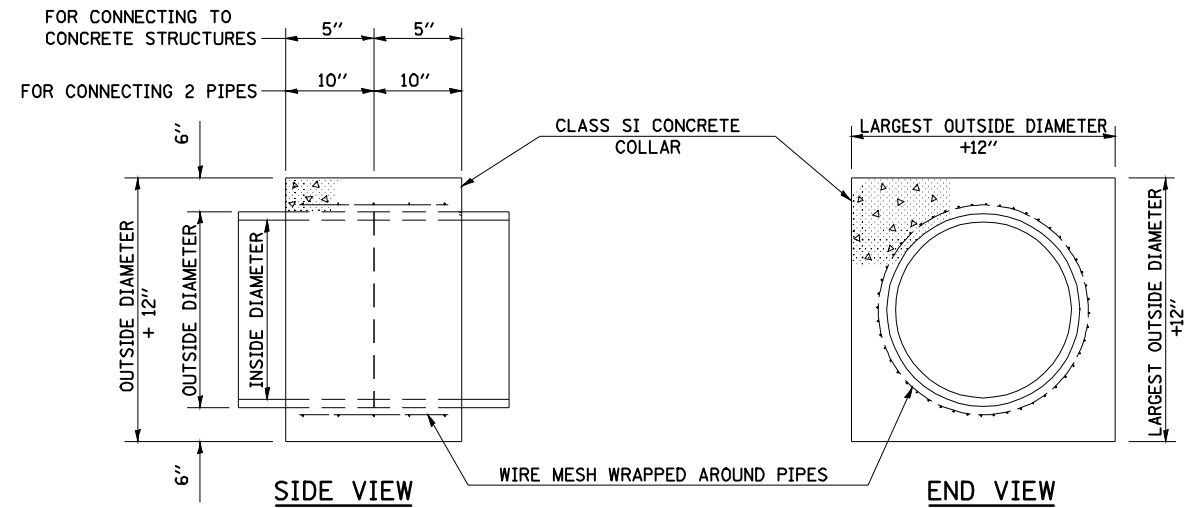
SEE STANDARD 606401 FOR DETAILS
OF PAVED DITCH NOT SHOWN
SEE STANDARD 606201 OF DETAILS
OF TYPE B GUTTER NOT SHOWN



GENERAL NOTES

1. THE GENERAL NOTES FOR STANDARD 606301 SHALL APPLY.
2. DOWEL BARS @ 36" CTS. OR AS DIRECTED BY THE ENGINEER.
3. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ FOOT FOR CONCRETE MEDIAN, TYPE SM-6 (DOWELED), INCLUDING THE COST OF FURNISHING AND INSTALLING THE DOWEL BARS, MORTAR FILLING, AND PAVEMENT FABRIC.

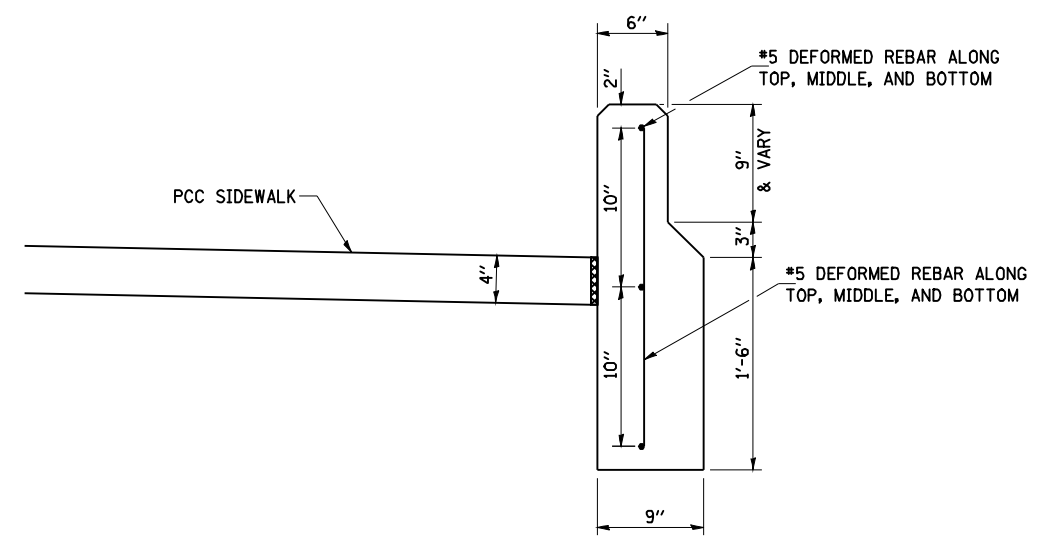




QUANTITIES FOR CONCRETE PIPES	
INSIDE DIAMETER OF PIPE	ESTIMATED CLASS SI CONCRETE REQUIRED 20" WIDTH CU. YD.
INCH	
4"	0.14
6"	0.16
8"	0.19
10"	0.22
12"	0.25
15"	0.30
18"	0.35
24"	0.45
30"	0.57
36"	0.69
42"	0.83
48"	0.97
54"	1.12
60"	1.28

GENERAL NOTES

1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. WHEN CONCRETE COLLARS ARE USED TO CONNECT PIPES OF DIFFERENT OUTSIDE DIAMETERS, THE CONCRETE COLLAR SHALL BE FORMED USING THE LARGEST OUTSIDE DIAMETER (SEE END VIEW).
3. THE WIRE MESH SHALL WEIGH NOT LESS THAN 54#/100 SQ. FT.
4. CONCRETE COLLARS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE, EACH, FOR CONCRETE COLLARS INCLUDING ALL MATERIAL AND LABOR SPECIFIED TO COMPLETE THE WORK IN PLACE.



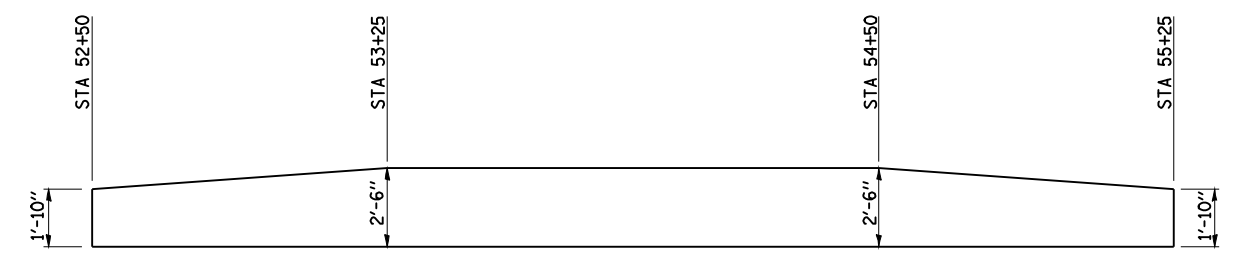
CONCRETE RETAINING WALL SECTION

LT STA 52+50 TO LT STA 55+25

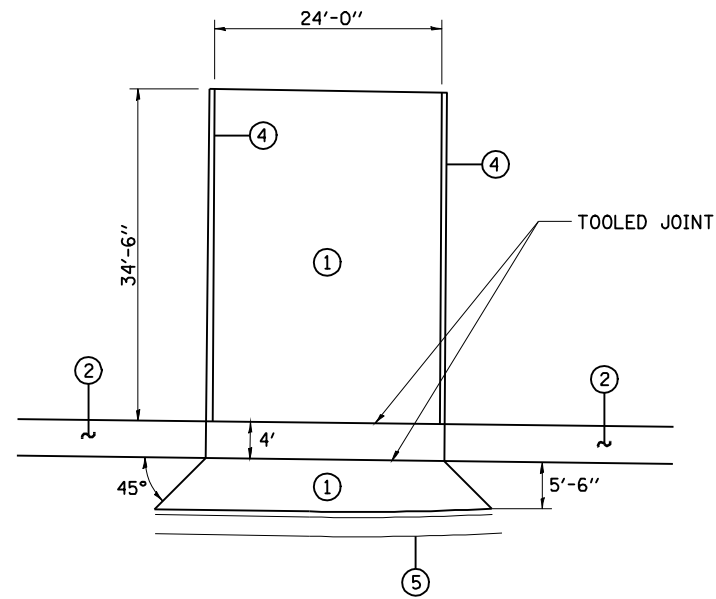
CONCRETE STRUCTURES = 15.9 CU YD
REINFORCEMENT BARS = 790 LBS

CONTRACTION JOINTS SHALL BE PLACED AT NOT LESS THAN 20 FOOT INTERVALS ALONG THE WALL LENGTH. LONGITUDINAL REINFORCEMENT SHALL BE CONTINUOUS THROUGH THE CONTRACTION JOINTS. JOINTS WHETHER PREFORMED OR SAWCUT SHALL BE NOT LESS THAN 2" DEEP AND BE PLACED FROM TOP TO BOTTOM. THE WALL SHALL BE FINISHED IN ACCORDANCE WITH ART. 503.15

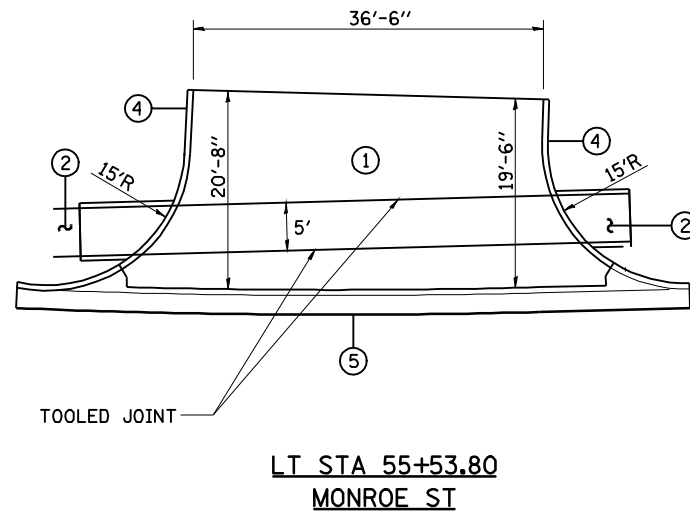
HORIZONTAL REINFORCEMENT BARS SHALL BE LAPPED 2'-2"



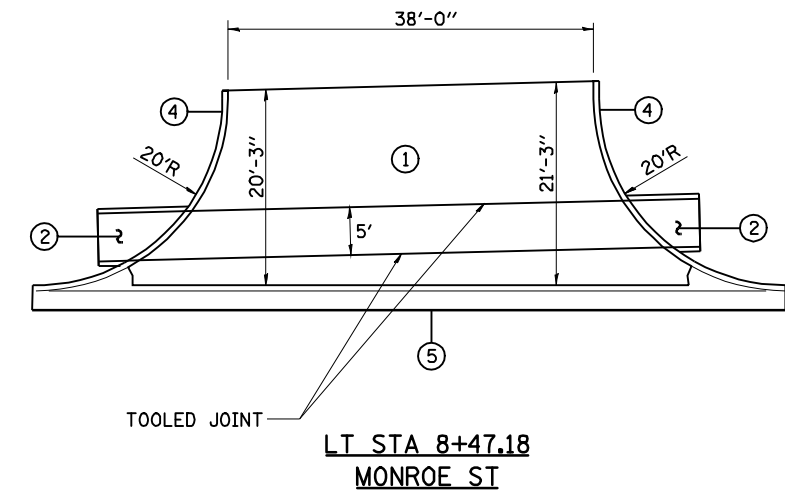
RETAINING WALL ELEVATION



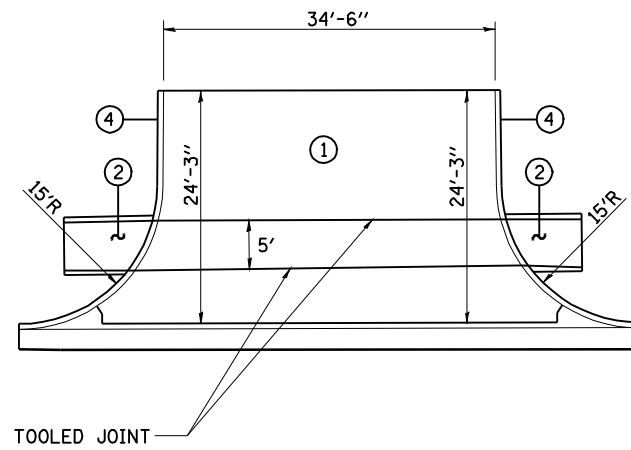
RT STA 11+48
RICKARD RD



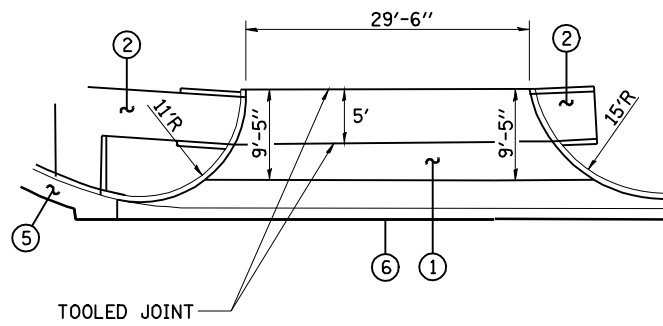
LT STA 55+53.80
MONROE ST



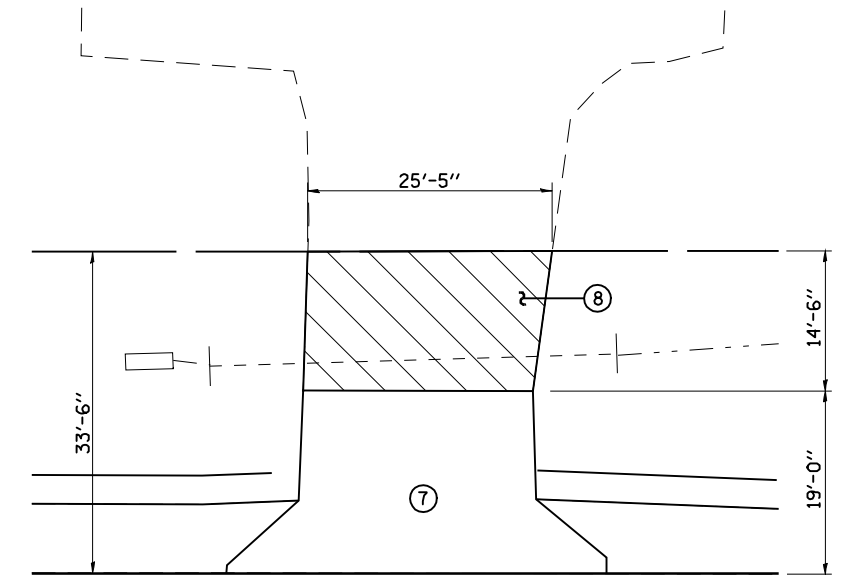
LT STA 8+47.18
MONROE ST



LT STA 9+78
MONROE ST



LT STA 50+90.35
CLOCKTOWER DRIVE



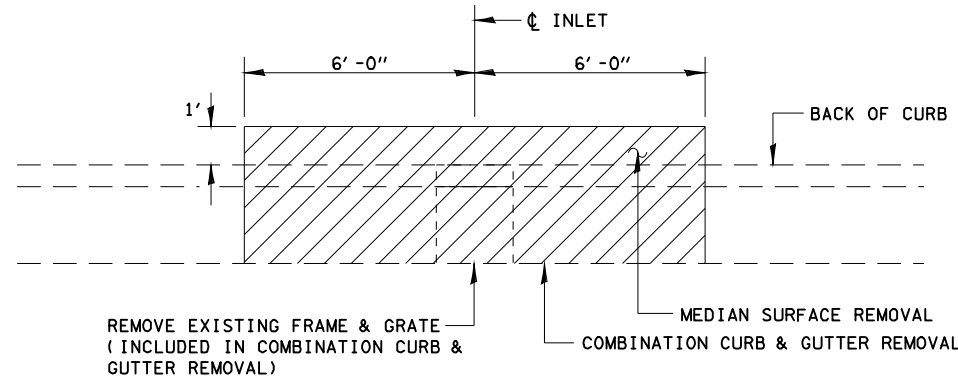
LT STA 18+58.75
MONROE ST

LEGEND

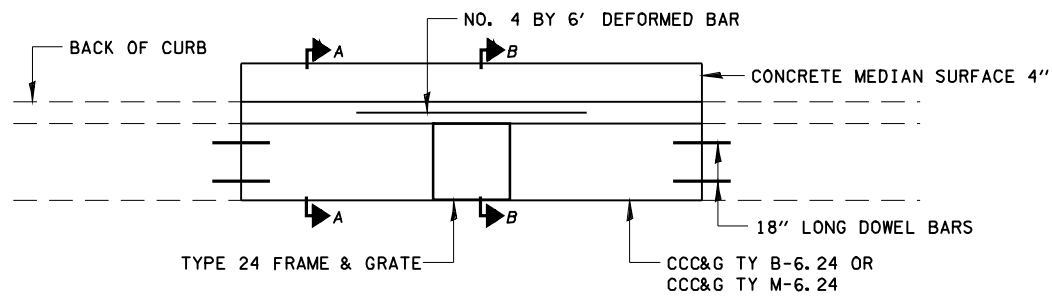
- ① PCC DRIVEWAY PAVEMENT 8"
- ② PCC SIDEWALK 4"
- ③ PCC SIDEWALK 8"
- ④ CONCRETE CURB TYPE B
- ⑤ CCC&G TYPE B 6-24
- ⑥ CLASS SI CONCRETE (OUTLET)
- ⑦ HMA SURFACE COURSE MIX "C" N50 2 1/2"
- ⑧ HMA SURFACE REMOVAL BUTT JOINT

MAXIMUM SLOPE FOR PCC DRIVEWAY PAVEMENT THROUGH SIDEWALK AREAS SHALL BE 2.0%.

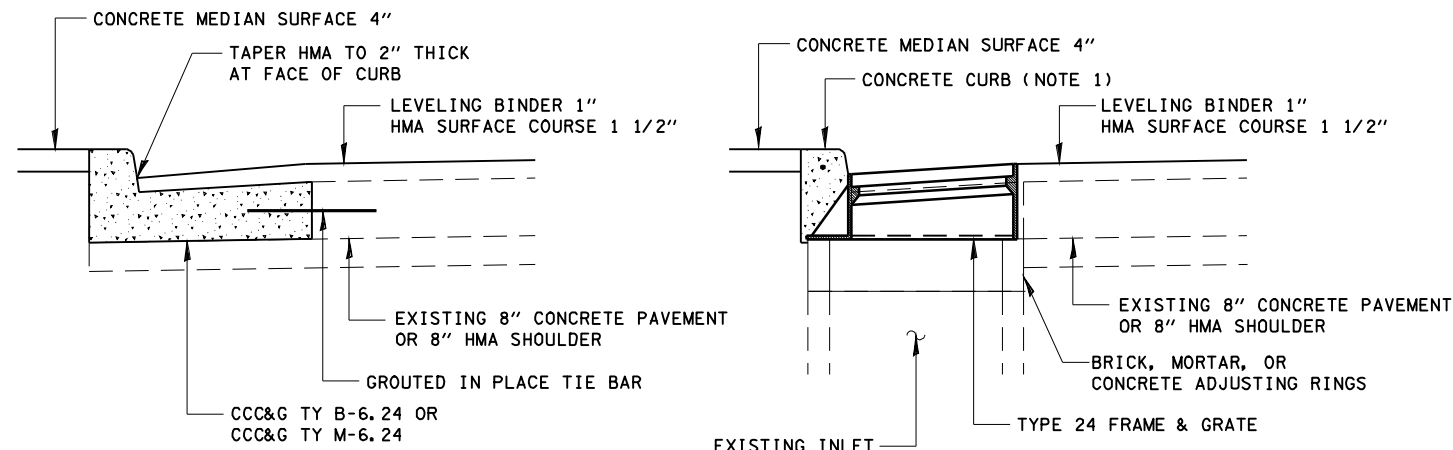
**INLETS TO BE ADJUSTED WITH NEW TYPE 24 FRAME & GRATE
EXISTING M-6.24 CURB AND GUTTER OR B-6.24 CURB AND GUTTER**



PLAN SHOWING REMOVAL



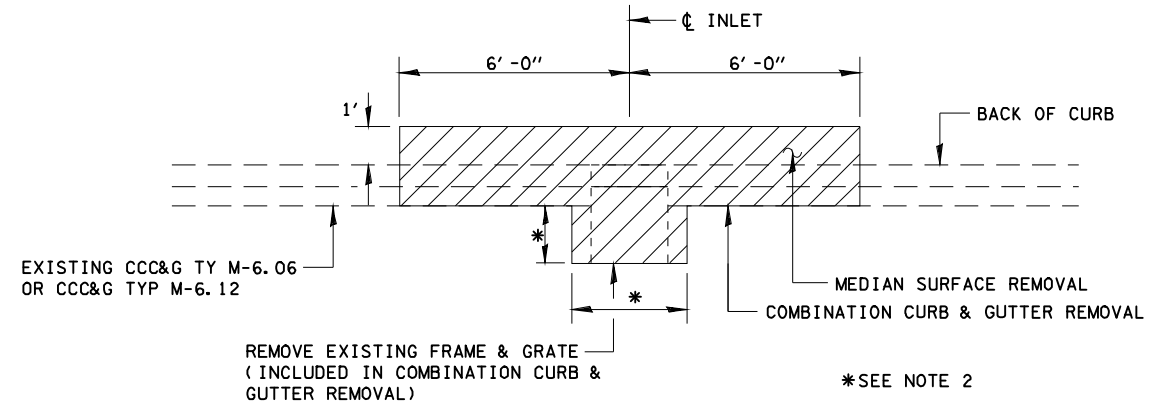
PLAN SHOWING PROPOSED



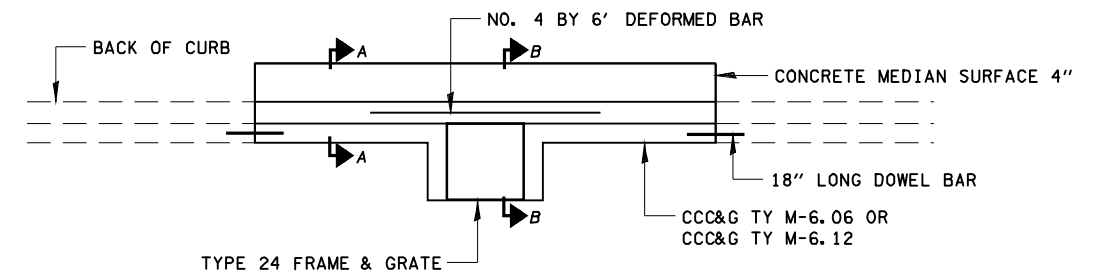
SECTION A-A

SECTION B-B

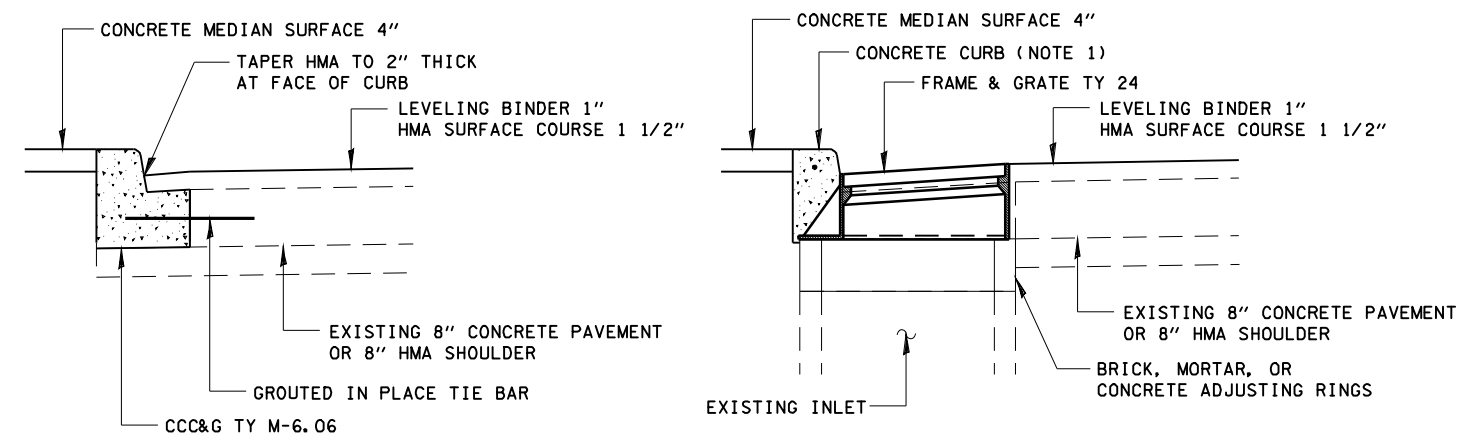
**INLETS TO BE ADJUSTED WITH NEW TYPE 24 FRAME & GRATE
EXISTING M-6.06 CURB AND GUTTER OR M-6.12 CURB AND GUTTER**



PLAN SHOWING REMOVAL



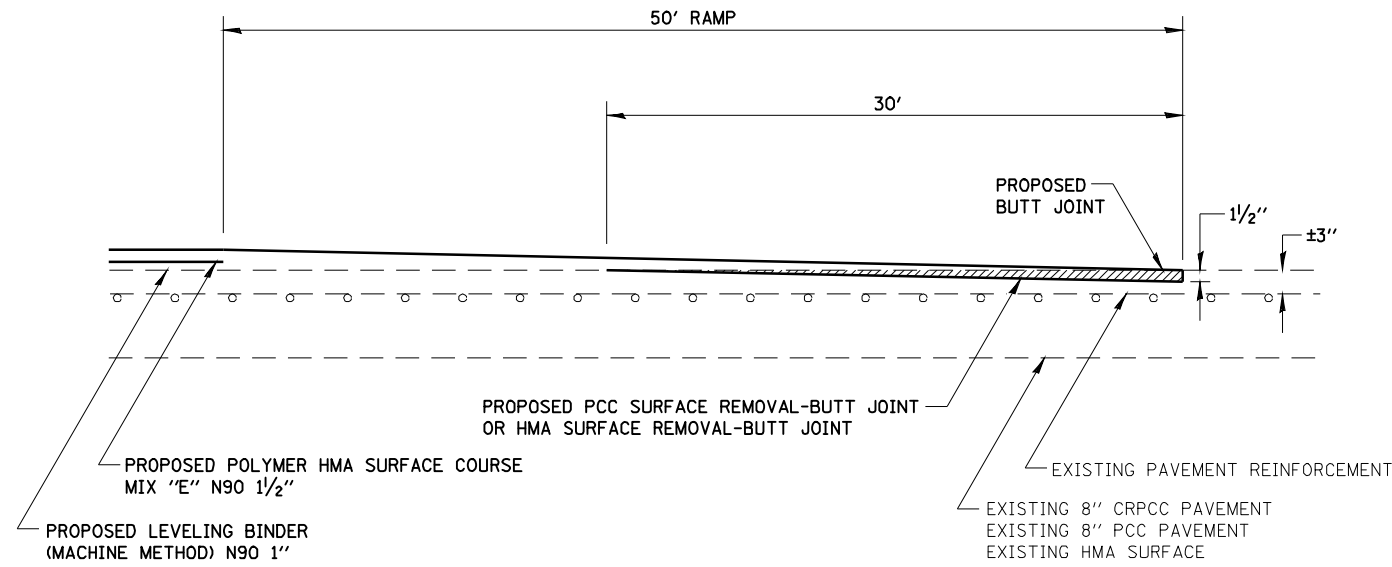
PLAN SHOWING PROPOSED



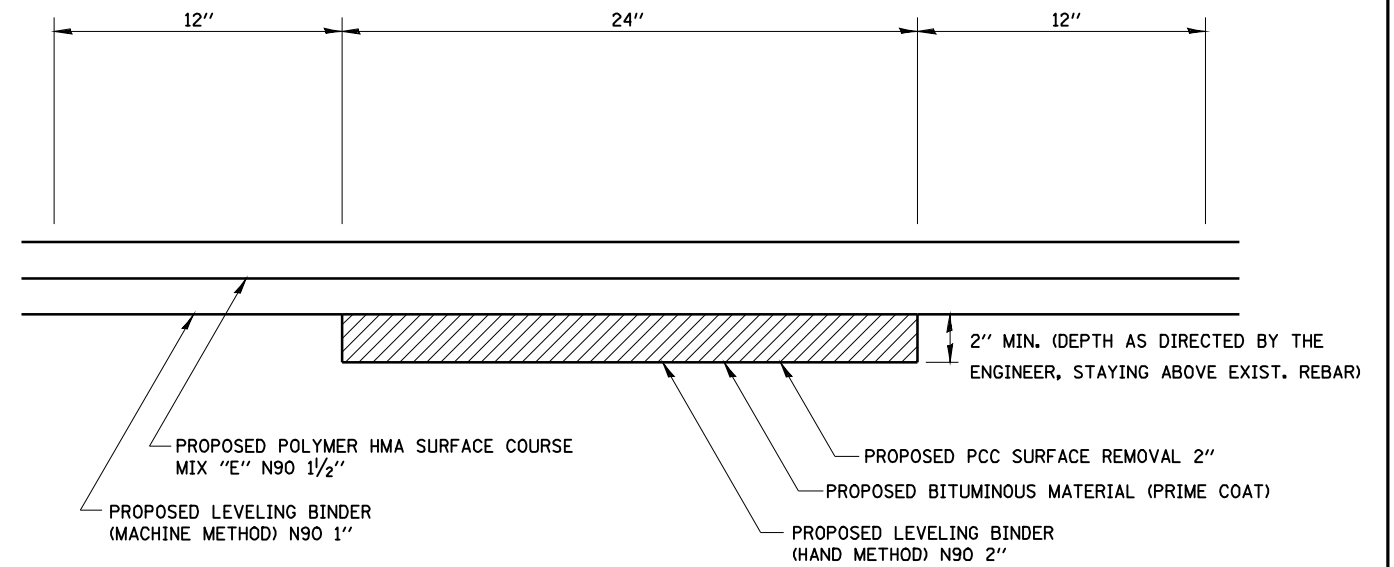
SECTION A-A

SECTION B-B

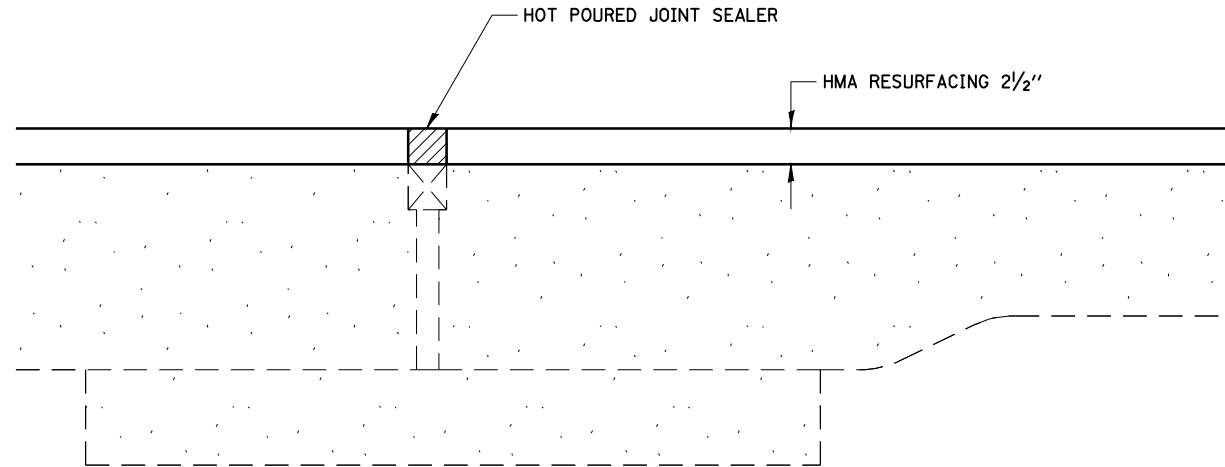
- NOTES:
1. THE HEIGHT OF THE PROPOSED CURB SHALL MATCH THE HEIGHT OF THE EXISTING CURB
2. REMOVE A MINIMUM OF 12" OF PAVEMENT OR SHOULDER FROM AROUND FRAME AND GRATE



BUTT JOINT DETAIL



(TYPICAL) PROPOSED LONGITUDINAL JOINT REPAIR DETAIL



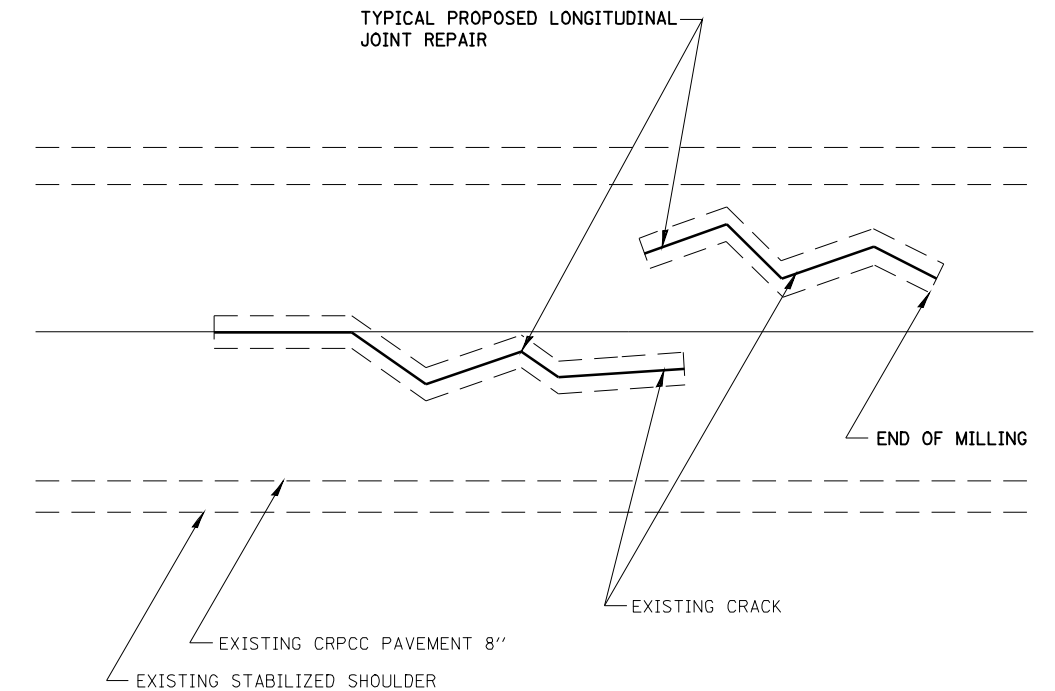
PREFORMED JOINT SEAL TREATMENT SECTION A-A (AT PREFORMED JOINT)

NOTE:

CONTRACTOR TO SURFACE OVER EXISTING PREFORMED JOINT SEALER. UPON COMPLETION OF RESURFACING, CONTRACTOR IS TO SAW CUT AT THE EDGE OF THE PJS AND REMOVE THE BITUMINOUS MATERIAL, COST TO BE INCLUDED WITH HMA RESURFACING ITEMS.

CONTRACTOR TO PLACE HOT POURED JOINT SEALER PER STANDARD SPECIFICATION 1050.02 OVER PJS, COST TO BE INCLUDED IN HMA RESURFACING ITEMS.

CONTRACTOR IS TO NOTE LOCATION OF PREFORMED JOINT SEAL PRIOR TO RESURFACING TO ALLOW EDGES TO BE IDENTIFIED FOR SAW CUT LOCATION.



PROPOSED LONGITUDINAL JOINT REPAIR PLAN VIEW

STORM WATER POLLUTION PREVENTION PLAN

Route: FAP 662 Marked: IL 4
 Section: (2-1-2, 2-2) RS, TS-6 Project No.:
 County: SANGAMON Contract No.: 72899

This plan has been prepared to comply with the provision of the NPDES Permit Number ILR10 _____ issued by the Illinois Environmental Protection Agency for storm water discharges from construction site activities.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Reg. 2 Dist. (Signature) 10-28-09 (Date)
Reg. 4 Engineer (Title)

Note: The above boxed in area will be filled out by IDOT - Construction after the award of the contract to obtain the required NPDES permit.

The following plan was established and included in these plans to direct the Contractor in the placement of temporary erosion control systems and to provide a storm water pollution prevention plan for compliance under NPDES. The Contractor shall abide to all requirements within this plan as part of the contract.

The purpose of this plan is to prevent / minimize siltation within the construction zone and to eliminate sediments from entering and leaving the construction zone by utilizing proper temporary erosion control systems and providing ground cover within a reasonable time.

Certain items, as shown in this plan and referenced by the legend, shall be placed by the Contractor at the beginning of construction. Other items shall be placed by the Contractor as directed by the Engineer on a case by case situation resulting from the Contractor's sequence of activities, time of the year, and expected weather conditions.

The Contractor shall place permanent erosion control systems and seeding within a reasonable amount of time; therefore, reducing the amount of area being open to the possibility of erosion and reducing the amount of temporary erosion control systems and temporary seeding. The Resident Engineer will determine if temporary erosion control systems shown in the plan can be deleted, the size of the proposed ditch checks, the proper method of installation, and if any additional temporary erosion control systems shall be added which are not included in this plan. The Contractor shall perform all work as directed by the Engineer and as shown in special details and in Standard 280001 of the plans.

The special provisions Temporary Seeding, Temporary Erosion Control Seeding, and Temporary Erosion Control additionally supplement this plan.

All disturbed areas having high potential for erosion, as determined by the Engineer, shall be temporarily seeded or permanently seeded by October 1st of each construction year and shall not be reopened until after the winter shutdown period.

SITE DESCRIPTION

Description of Construction Activity:

1. The project consists of patching and resurfacing IL 4/Veterans Parkway, reconstructing the Old Jacksonville Rd/Monroe St intersection, increasing storage in the right turn lanes to Old Jacksonville Rd and Monroe St, and modernizing traffic signals.
2. Construction consists of grading, HMA resurfacing, placing aggregate shoulders, and other miscellaneous work to complete improvements to the proposed roadways.

Description of Intended Sequence of Major Construction Activities Which Will Disturb Earth and Lead to Possible Erosion for Major Portions of the Construction Site:

1. Excavation will be completed on Old Jacksonville Rd, Monroe St and IL 4/Veterans Parkway for proposed pavement, widening, and shoulders.
2. Drainage structures will be installed during the construction of the excavation to provide proper drainage.
3. Placement, maintenance, removal and proper clean-up of temporary erosion control, such as erosion control fence, temporary ditch checks, inlet and pipe protection, and temporary seeding.

Area of Construction Site:

The total area of the construction site is estimated to be approx. 81.1 acres in which 1.7 acres will be disturbed by excavation, grading or other activities.

Drainage Tributaries Receiving Water from this Construction Site:

SPRING CREEK

FILE NAME = 0672899-shr-erosion1.dgn	USER NAME = default	DESIGNED -	REVISED - AUG 2007 (JCN)	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STORM WATER POLLUTION PREVENTION PLAN		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - CADD	REVISED -		662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	156		
	PLOT SCALE = 40,000' / IN.	CHECKED - JCN	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 72899		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	
	PLOT DATE = 10/12/2009	DATE - APRIL 5, 1999	REVISED -								

CONTROLS - EROSION CONTROLS AND SEDIMENT CONTROLS

Description of Stabilization Practices at the Beginning of Construction:

1. The area between the existing and proposed right-of-way/temporary easement boundaries and limits of the project will be improved and managed for the purposes of controlling erosion within the area, reducing water flow by temporary diversion and minimizing siltation into the construction zone, and establishing vegetative cover which will become permanent vegetation and act as an erosion barrier. Work at the beginning of construction will consist of the following:
 - (a) Areas of existing vegetation (woods and grasslands) outside the proposed construction slope limits shall be identified for preserving and shall be protected from mowing, brush cutting, tree removal and other activities which would be detrimental to their maintenance and development.
 - (b) Dead, diseased, or unsuitable vegetation within the site shall be removed as directed by the Engineer, along with required tree removal.
 - (c) As soon as reasonable access is available (such as trees cleared) to all locations where water drains away from the project, sediment basins, riprap ditch checks, temporary ditch checks, and/or erosion control fence shall be installed as called out in this plan and directed by the Engineer.
 - (d) Bare and sparsely vegetated ground in highly erodible areas as determined by the Engineer shall be temporarily seeded at the beginning of construction where no construction activities are immediately expected as stated in the special provision "Temporary Erosion Control Seeding".
 - (e) Immediately after tree removal is completed in certain areas which are highly erodible areas as determined by the Engineer, the areas shall be temporarily seeded where no construction activities are immediately expected as stated in the special provision "Temporary Erosion Control Seeding".
 - (f) At locations where a significant amount of water drains into the construction zone from outside areas (adjacent landowners), erosion control fence, temporary ditch checks, or riprap ditch checks will be utilized to locally divert water, reduce flow rates, and collect outside siltation inside the right-of-way line. Erosion control items will not be allowed to be installed to cause flooding to upstream private property which could cause crop damages or other undesirable conditions.
2. Establishment of these temporary erosion control measures will have additional benefits to the project. Desirable grass seed will become established in these areas and will spread seeds onto the construction site until permanent seeding/mowing and overseeding can be complete.
3. A third benefit of these filter areas is that they will begin to provide a screen and buffer. They will help protect the construction site from winds and excess sun and mitigate construction noise and dust.

Description of Stabilization Practices During Construction:

1. During roadway construction, areas outside the construction slope limits as outlined previous herein shall be protected from damaging effects of construction. The Contractor shall not use this area for staging (except as designated on the plans or directed by the Engineer), parking of vehicles or construction equipment, storage of materials, or other construction related activities.
 - (a) Within the construction zone, critical areas which have high flows of water as determined by the Engineer shall remain undisturbed until full scale construction is underway to prevent unnecessary soil erosion.
 - (b) Top soil and earth stockpiles shall be temporarily seeded if they are to remain unused for more than fourteen days.
 - (c) As the Contractor constructs a portion of roadway in a fill section, he/she shall follow the following steps as directed by the Engineer:
 - i. Place temporary erosion control systems at locations where water leaves and enters the construction zone
 - ii. Temporary seed highly erodible areas outside the construction slope limits
 - iii. Construct roadside ditches and provide temporary erosion control systems
 - iv. Temporary divert water around proposed culvert locations
 - v. Build necessary embankment at culvert locations and then excavate and place culvert
 - vi. Continue building up the embankment to the proposed grade while at the same time place permanent erosion control such as riprap ditch lining and conduct final shaping to the slopes
 - (d) The Contractor shall immediately follow major earth moving operations with final grading equipment. After the major earth spread operation has moved to a new location, final grading shall be completed within fourteen days. If grading is not completed within fourteen days, all major earth moving operations will be stopped, as directed by the Engineer, until disturbed areas are final graded and seeded.
 - (e) Excavated areas and embankments shall be permanently seeded when final graded. If not, they shall be temporarily seeded as stated in the special provision "Temporary Erosion Control Seeding".

(f) Construction equipment shall be stored and fueled only at designated locations. All necessary measures shall be taken to contain any fuel or pollution run-off in compliance with EPA water quality regulations. Leaking equipment or supplies shall be immediately repaired or removed from the site.

(g) The Resident Engineer shall inspect the project daily during activities and weekly or after large rains during the winter shutdown period. The project shall additionally be inspected by the Construction Field Engineer on a bi-weekly basis to determine that erosion control efforts are in place and effective and if other control work is necessary.

(h) Sediment collected during construction by the various temporary erosion control systems shall be disposed of on the site on a regular basis as directed by the Engineer. The cost of this maintenance will be paid for in accordance with Article 109.04 of the Standard Specifications.

(i) The temporary erosion control systems shall be removed as directed by the Engineer after use is no longer needed or no longer functioning. The costs of this removal shall be included in the unit bid price for the temporary erosion control system. No additional compensation will be allowed.

Description of Structural Practices After Final Grading:

1. Temporary erosion control systems shall be left in place with proper maintenance until permanent erosion control is in place and working properly and all proposed turf areas seeded and established with a proper stand.
2. Once permanent erosion control systems as proposed in the plans are functional and established, temporary items shall be removed, cleaned up, and disturbed turf reseeded. Temporary riprap ditch checks will be allowed to remain in place where approved by the Engineer.

Maintenance after Construction:

1. Construction is complete after acceptance is received at the final inspection.
2. Areas will be inspected on a regular basis by IDOT District 6 Bureau of Operations.
3. Maintenance crews will perform regular mowings to aid in keeping weeds down and establishing a good roadside seed stand.
4. Maintenance crews will also aid in any ditch lining maintenance or in any drainage problems.
5. All maintenance will be conducted at times when weather conditions will not cause site damage.

DOCUMENTATION

1. A report summarizing the scope of the inspection, name(s) and qualifications of personnel making the inspection, date(s) of the inspection, major observations relating to the implementation of this storm water pollution prevention plan, and actions taken in accordance with Section 4.b. shall be made and retained as part of the plan for at least three years after the date of inspection. The report shall be signed in accordance with part VI.G of the general permit.
2. If any violation of the provisions of this plan is identified during the conduct of the construction work covered by this plan, the Resident Engineer or Resident Technician shall complete and file an "Incident of Noncompliance (ION)" report for the identified violation. The Resident Engineer or Resident Technician shall use forms provided by the Illinois Environmental Protection Agency and shall include specific information on the noncompliance, actions which were taken to prevent any further causes of noncompliance, and a statement detailing any environmental impact which may have resulted from the noncompliance. All reports of noncompliance shall be signed by a responsible authority in accordance with Part VI.G. of the general permit. The report of noncompliance shall be mailed to the following address:

Illinois Environmental Protection Agency
 Division of Water Pollution Control
 2200 Churchill Road, P.O. Box 19276
 Springfield, IL 62794-9276
 Attn: Compliance Assurance Section

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED - AUG 2007 (JCN)	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STORM WATER POLLUTION PREVENTION PLAN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pwork\PWIDOT\LAUGHLINRL\0178829\0672899-shr-erosion1.dgn	DRAWN - CADD	REVISED -	662			(2-1-2, 2-2) RS, TS-6	SANGAMON	244	157	
PLOT SCALE = 40.000' / IN.	CHECKED - JCN	REVISED -	CONTRACT NO. 72B99							
PLOT DATE = Oct-29-2009 11:54:49AM	DATE - APRIL 5, 1999	REVISED -	SCALE:			SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.

CONTRACTOR CERTIFICATION STATEMENT

This certification statement is part of the Storm Water Pollution Plan for the project described below in accordance with NPDES Permit No. ILR10 _____, issued by the Illinois Environmental Protection Agency on _____.

Route: FAP 662 Marked: IL 4/Veterans Parkway
 Section: (2-1-2, 2-2) RS, TS-6 Project No.: _____
 County: Sangamon Contract No.: 72B99

I certify under penalty of law that I understand the terms of the general National Pollutant Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

Signature _____ Date _____
 Title _____
 Name of Firm _____
 Street Address _____
 City, State, Zip _____
 Phone Number _____

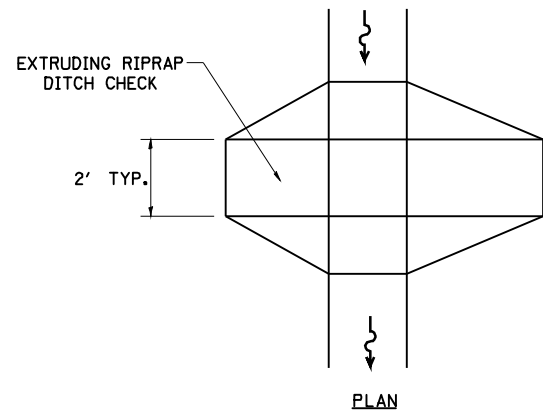
Note: The above boxed in area shall be filled out by the Contractor after the award of the contract to obtain the required NPDES Permit from IEPA. This is a requirement for this contract.

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED - AUG 2007 (JCN)
e:\pwork\pwork\LAUGHLINRL\0170829\0672B99-sht-erosion1.dgn		DRAWN - CADD	REVISED -
		CHECKED - JCN	REVISED -
		DATE - APRIL 5, 1999	REVISED -

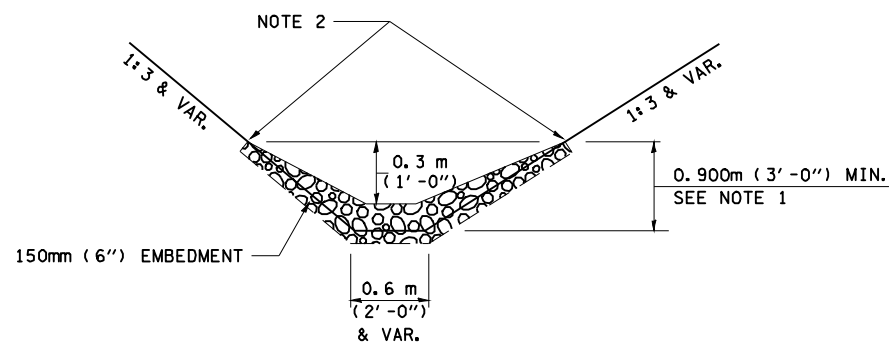
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STORM WATER POLLUTION PREVENTION PLAN			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	158
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



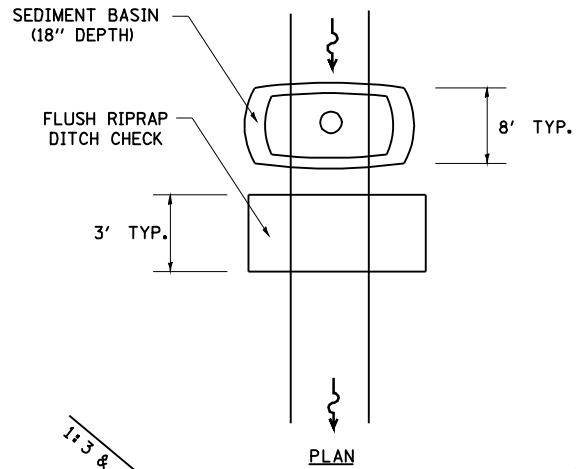
PLAN



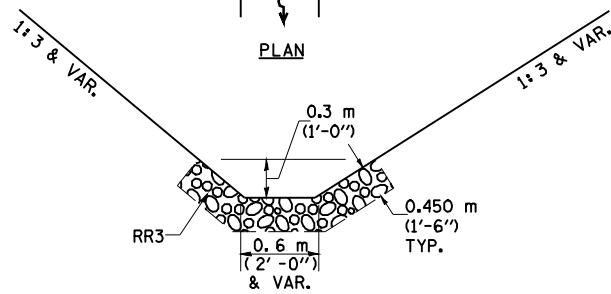
ELEVATION

OPTION 1

(EXTRUDING DITCH CHECK)
RECOMMENDED FOR AREAS
W/ RIPRAP DITCH LINING



PLAN



ELEVATION

OPTION 2

(FLUSH DITCH CHECK)
RECOMMENDED FOR AREAS
W/O RIPRAP DITCH LINING

STONE DUMPED RIPRAP DITCH CHECK

(TYPICAL & OPTIONS 1 & 2
AS DIRECTED BY THE ENGINEER)

NOTE 1: RIPRAP SHALL EXTEND FAR ENOUGH UP THE SLOPES TO ALLOW 0.3m (1') OVERTOPPING TO AVOID ERODING AROUND THE EDGES OF THE RIPRAP.

NOTE 2: ENDS SHALL BE TIED INTO SLOPES.

LEGEND FOR STORM WATER POLLUTION PREVENTION PLAN

ITEM	SYMBOL
AGGREGATE (EROSION CONTROL)	◆
STONE DUMPED RIPRAP DITCH CHECKS: Height = 0.6m (2')	◆
TEMPORARY DITCH CHECKS	◆
INLET PIPE PROTECTION (I&PP)	◆
EROSION CONTROL FENCE	⋈
EARTH EXCAVATION FOR EROSION CONTROL (SEDIMENT BASINS)	○
PRESERVE EXISTING TREES, WOODLANDS, AND UNDERSTORY (OUTSIDE CONSTRUCTION LIMITS)	▨
ITEM PLACED AT BEGINNING OF CONSTRUCTION (Requirement)	* ITEM *
ITEM PLACED AS DIRECTED BY ENGINEER (When required by situation)	ITEM
DIRECTION OF OVERLAND FLOW	➔

GENERAL NOTES:

All items shall be constructed as shown on this sheet, on Standard 280001, and as directed by the Engineer.

The symbology on the STORM WATER POLLUTION PREVENTION PLAN sheets does not represent the size or quantity of bales, for number of bales refer to details and notes shown on this sheet and/or as directed by the Engineer.

THE CONTRACTOR SHALL INSTALL DITCH CHECKS AS DIRECTED BY THE ENGINEER. IF THE ENGINEER ELECTS TO UTILIZE FLUSH RIPRAP DITCH CHECKS IN LIEU OF TEMPORARY DITCH CHECKS AS SHOWN ON THE FOLLOWING PLAN SHEETS, THE SPACING SHOULD BE DOUBLED.

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED - AUG 2007 (JCN)
er\pwork\PWIDOT\LAUGHLINRL\0170829\0672899-sht-erosion1.dgn		DRAWN - CADD	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STORM WATER POLLUTION
PREVENTION PLAN**

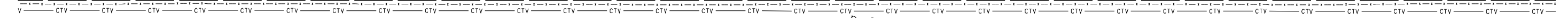
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	159
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

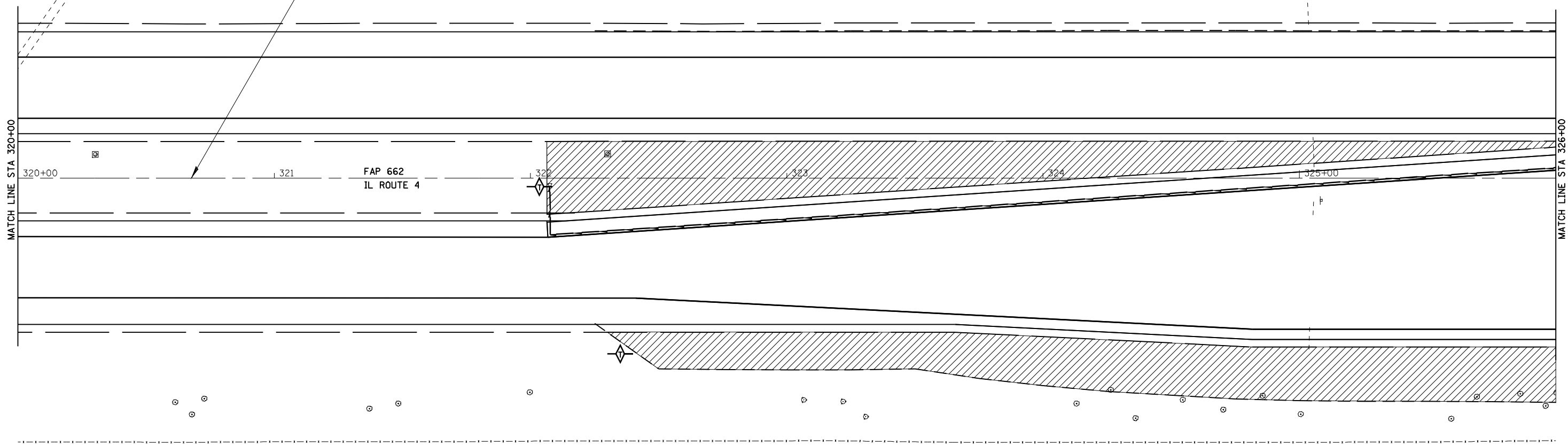
SEC 31, T16N, R5W, 3RD PM



EXISTING ROW LINE



IL 4 (VETERANS PARKWAY)



EXISTING ROW LINE

SEC 31, T16N, R5W, 3RD PM

LEGEND			
	INDICATES LIMITS OF SEEDING		
	TEMPORARY DITCH CHECK AGGREGATE (EROSION CONTROL)		
	INLET & PIPE PROTECTION		
	PERIMETER EROSION BARRIER		



JOB = 2200.4	DESIGNED - NAK	REVISED -
FILE NAME = d672B99-shr-erosion3.dgn	DRAWN - AJH	REVISED -
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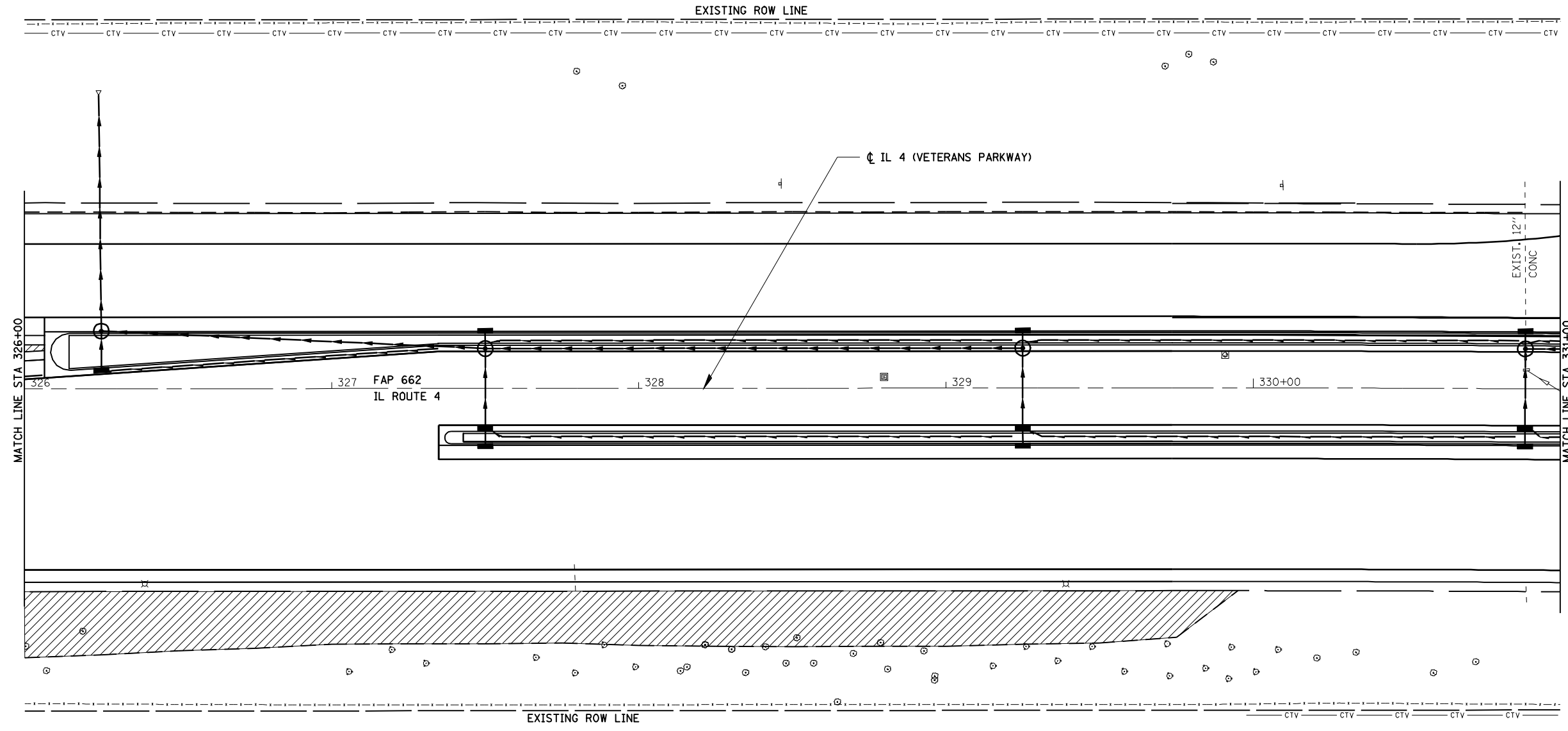
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 4 (VETERANS PARKWAY) - EROSION CONTROL

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	160
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SEC 31, T16N, R5W, 3RD PM



LEGEND

	INDICATES LIMITS OF SEEDING
	TEMPORARY DITCH CHECK AGGREGATE (EROSION CONTROL)
	INLET & PIPE PROTECTION
	PERIMETER EROSION BARRIER

SEC 31, T16N, R5W, 3RD PM

	JOB = 2200.4	DESIGNED - NAK	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p align="center">IL 4 (VETERANS PARKWAY) - EROSION CONTROL</p>	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME = d672B99-shr-erosion3.dgn	DRAWN - AJH	REVISED -			662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	161
Civil and Structural Engineering	PLOT SCALE = 48.0000 ' / IN.	CHECKED - NAK	REVISED -	SCALE: SHEET NO. OF SHEETS STA. TO STA.		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 72B99
	PLOT DATE = Oct-29-2009 11:55:06AM	DATE - 10/12/2009	REVISED -							

SEC 31, T16N, R5W, 3RD PM

SEC 6, T15N, R5W, 3RD PM



MATCH LINE STA 51+50

PERIMETER EROSION BARRIER

EXIST 24" STORM SEWER

EXIST 36" STORM SEWER

CL OLD JACKSONVILLE RD

CL IL 4 (VETERANS PARKWAY)

MATCH LINE STA 331+00

FAP 662
IL ROUTE 4

MATCH LINE STA 337+00





PERIMETER EROSION BARRIER

EXIST 42" STORM SEWER

PERIMETER EROSION BARRIER

MATCH LINE STA 48+00

LEGEND

-  INDICATES LIMITS OF SEEDING
-  TEMPORARY DITCH CHECK
-  AGGREGATE (EROSION CONTROL)
-  INLET & PIPE PROTECTION

SEC 31, T16N, R5W, 3RD PM

SEC 1, T15N, R6W, 3RD PM



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 DATE - 10/12/2009

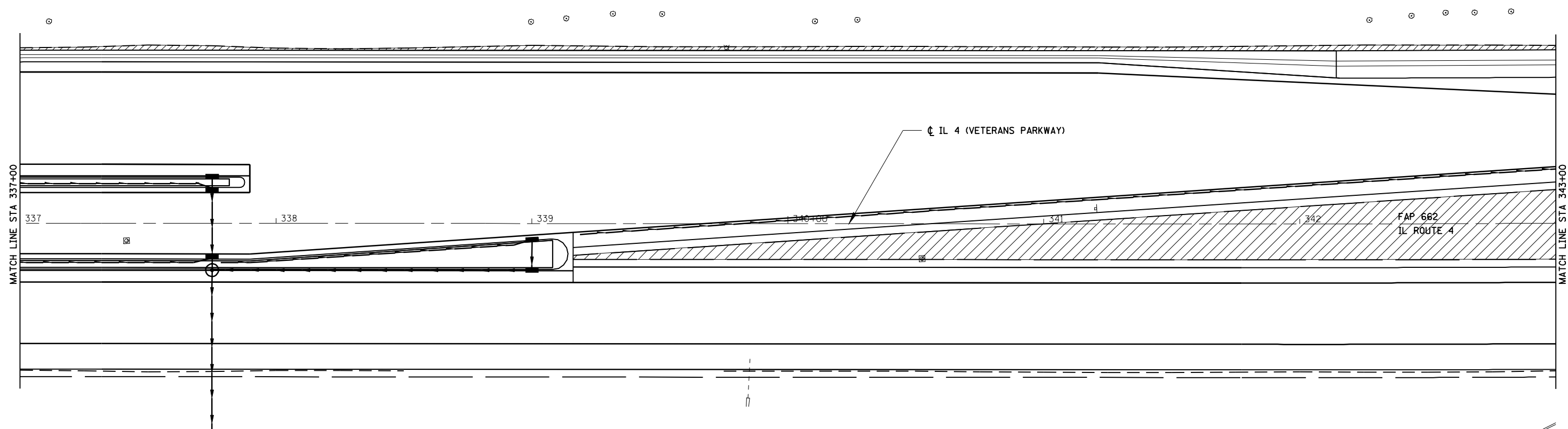
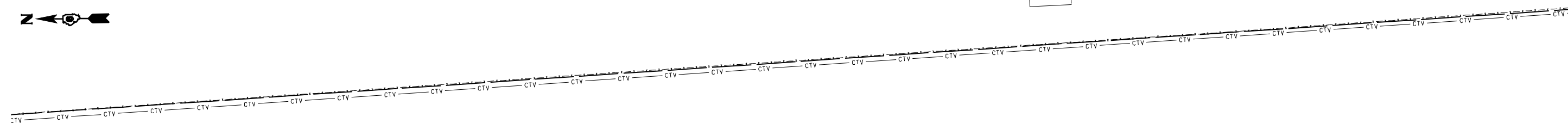
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 4 (VETERANS PARKWAY) - EROSION CONTROL

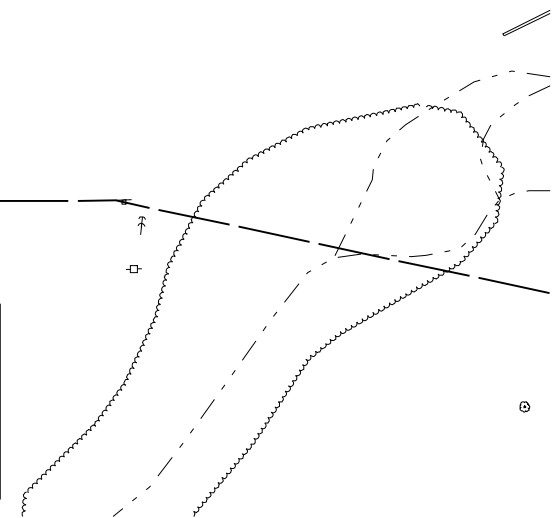
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	162
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72B99	



LEGEND

- INDICATES LIMITS OF SEEDING
- TEMPORARY DITCH CHECK AGGREGATE (EROSION CONTROL)
- INLET & PIPE PROTECTION



CEC Cummins
Engineering Corporation
Civil and Structural Engineering

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DATE - 10/12/2009

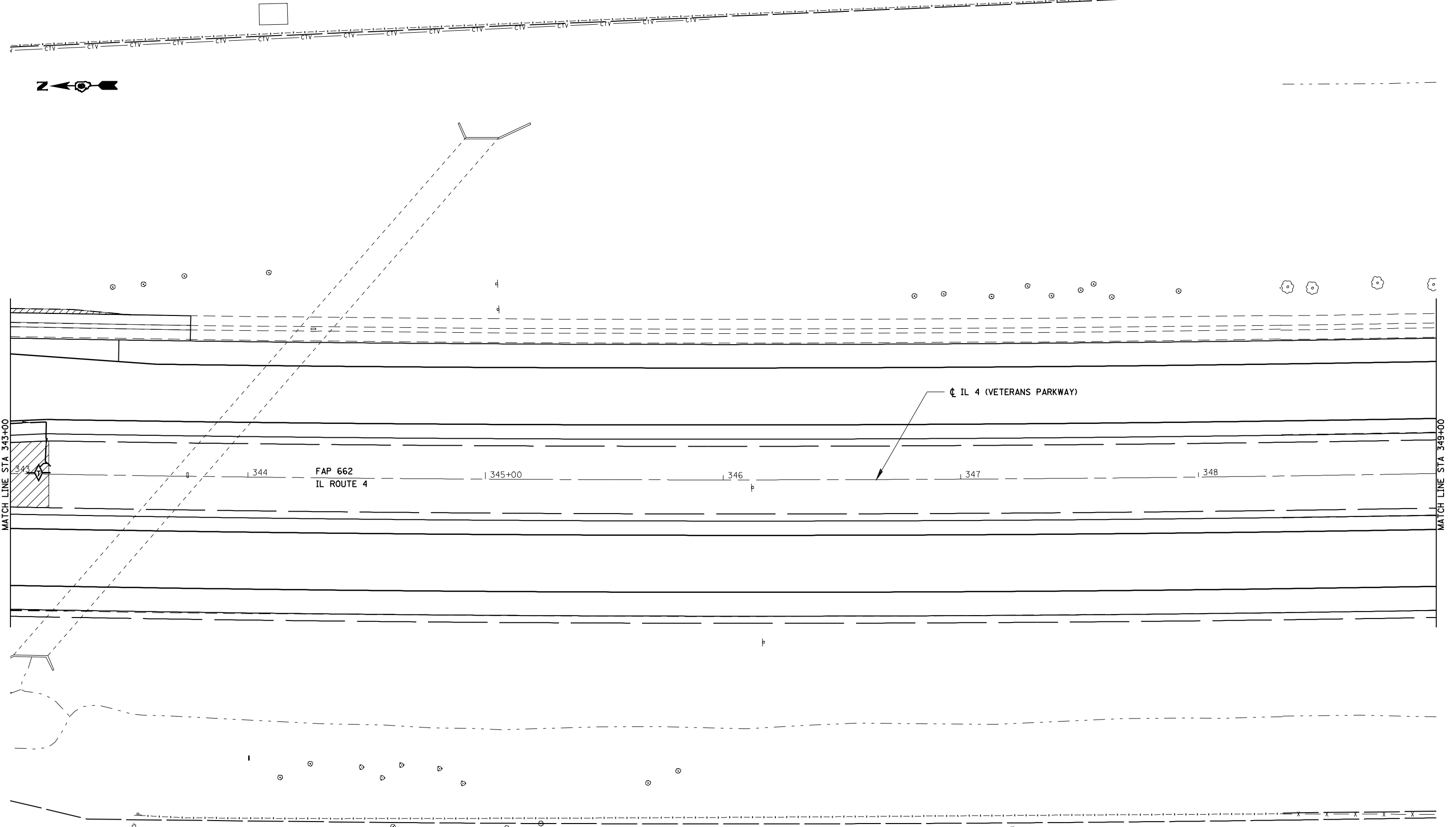
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REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 4 (VETERANS PARKWAY) - EROSION CONTROL

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	163
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND

	INDICATES LIMITS OF SEEDING
	TEMPORARY DITCH CHECK AGGREGATE (EROSION CONTROL)
	INLET & PIPE PROTECTION

CEC Cummins
Engineering
Corporation
Civil and Structural Engineering

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CHECKED - NAK
DATE - 10/12/2009

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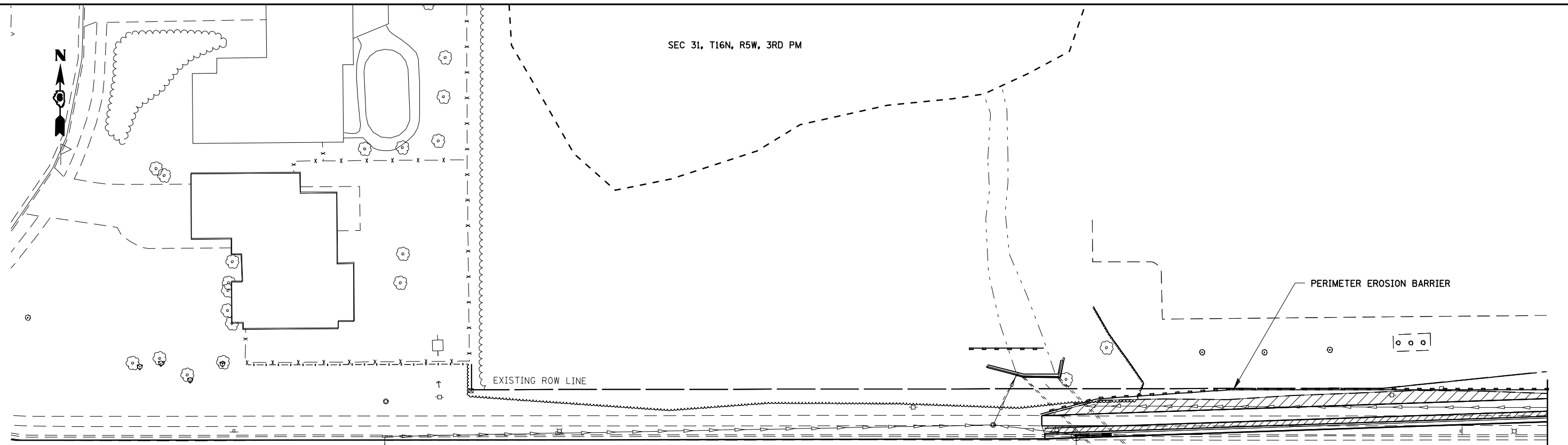
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 4 (VETERANS PARKWAY) - EROSION CONTROL

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	164
CONTRACT NO. 72B99				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SEC 31, T16N, R5W, 3RD PM



37 FAU 7981
OLD JACKSONVILLE RD.

38

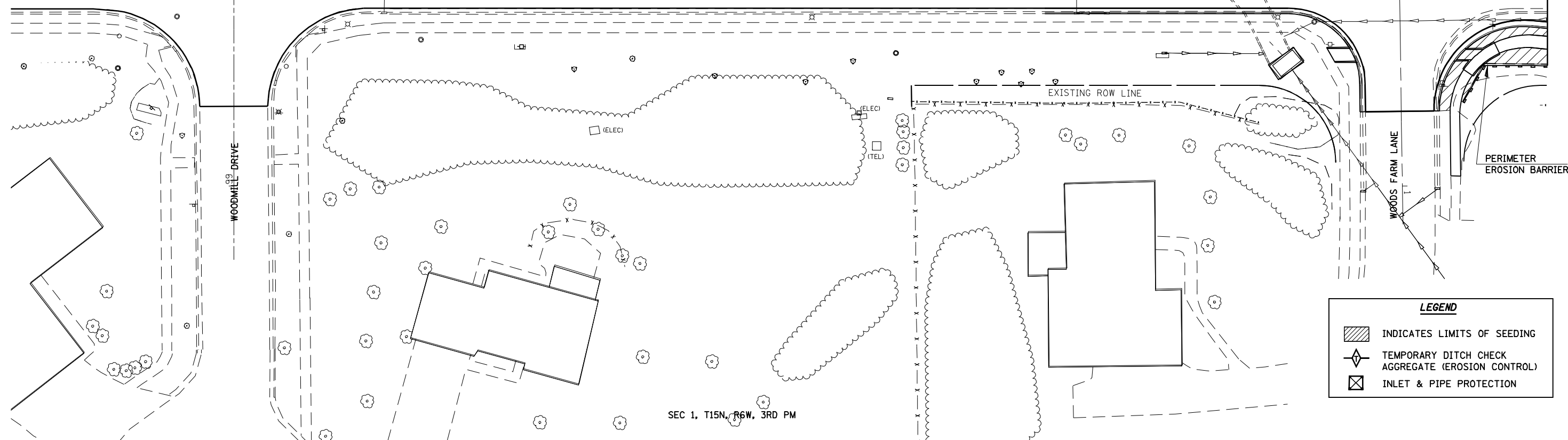
39

40+00

41




42

MATCH LINE STA 42+50



SEC 1, T15N, R6W, 3RD PM

LEGEND

-  INDICATES LIMITS OF SEEDING
-  TEMPORARY DITCH CHECK AGGREGATE (EROSION CONTROL)
-  INLET & PIPE PROTECTION

CEC Cummins
Engineering Corporation
Civil and Structural Engineering

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DATE - 10/12/2009

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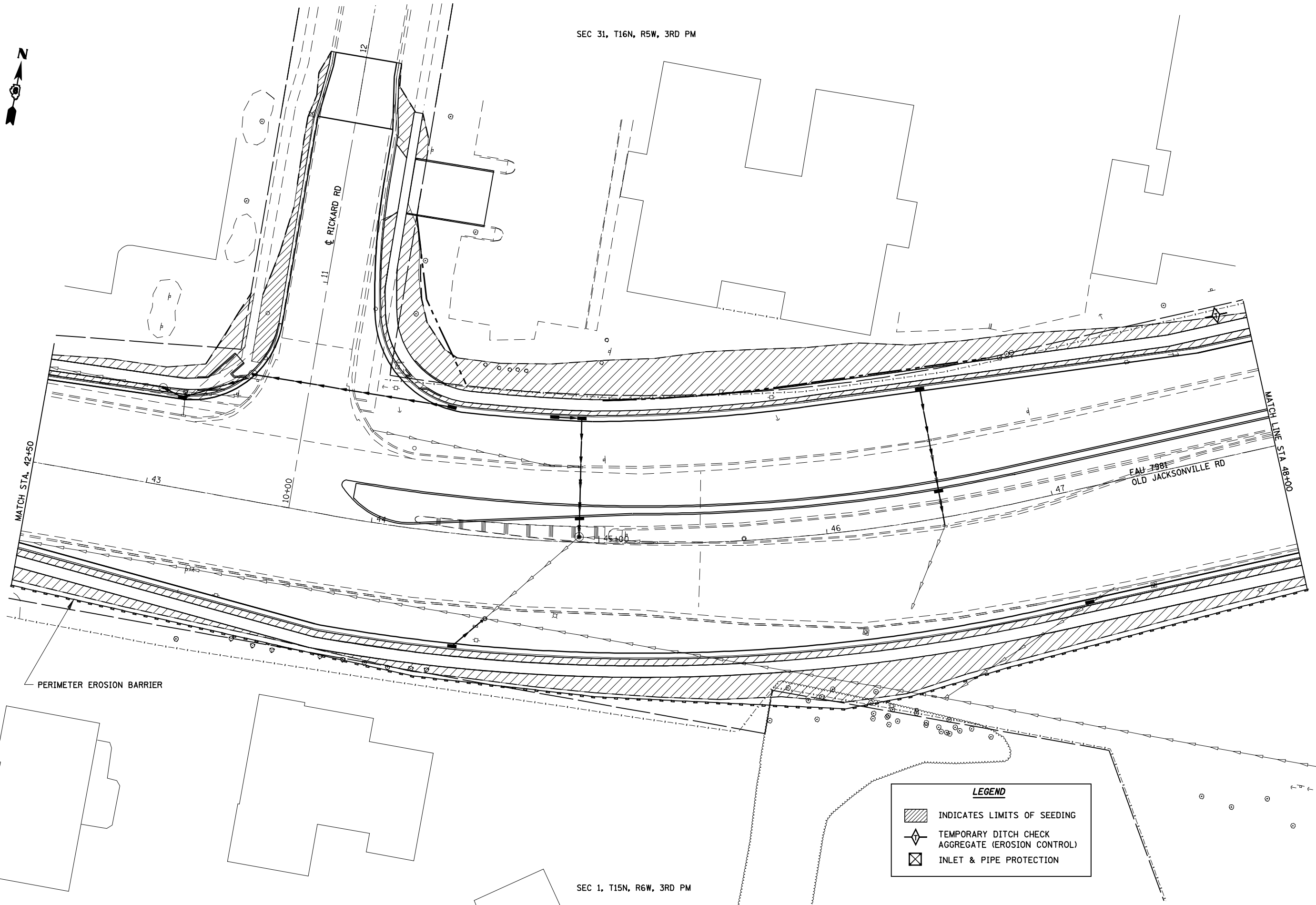
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

OLD JACKSONVILLE RD - EROSION CONTROL

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	165
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

SEC 31, T16N, R5W, 3RD PM



SEC 1, T15N, R6W, 3RD PM

PERIMETER EROSION BARRIER

LEGEND	
	INDICATES LIMITS OF SEEDING
	TEMPORARY DITCH CHECK AGGREGATE (EROSION CONTROL)
	INLET & PIPE PROTECTION

CEC Cummins
Engineering
Corporation
Civil and Structural Engineering

JOB = 2200.4
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DATE - 10/12/2009

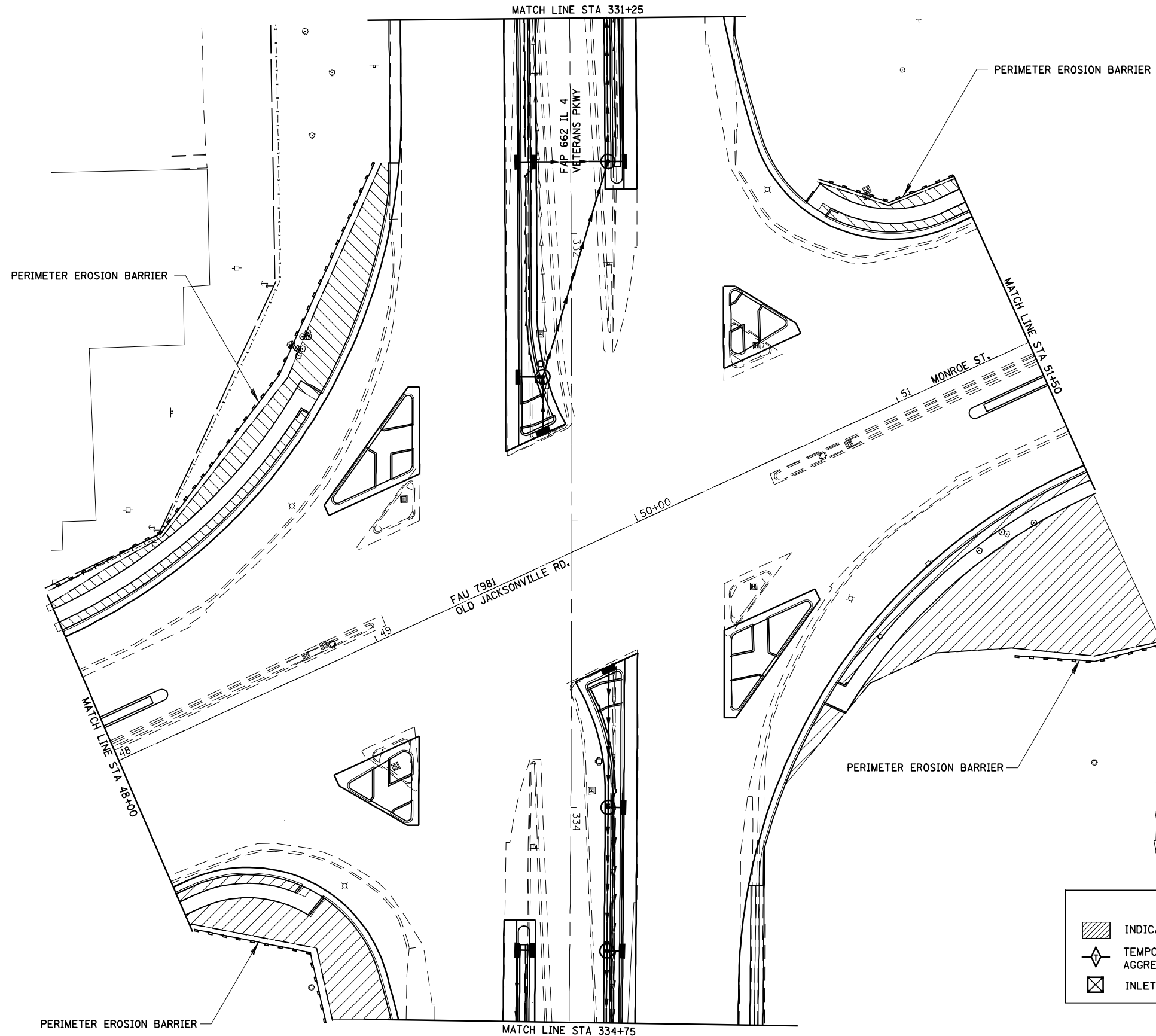
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OLD JACKSONVILLE RD - EROSION CONTROL

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	166
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



SEC 31, T16N, R5W, 3RD PM



PERIMETER EROSION BARRIER

MATCH LINE STA 51+50

MONROE ST.

1.52

1.53




1.54

1.55+00

MATCH LINE STA 8+00

PERIMETER EROSION BARRIER

LEGEND

-  INDICATES LIMITS OF SEEDING
-  TEMPORARY DITCH CHECK AGGREGATE (EROSION CONTROL)
-  INLET & PIPE PROTECTION

SEC 31, T16N, R5W, 3RD PM

CEC Cummins
Engineering Corporation
Civil and Structural Engineering

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REVISED -

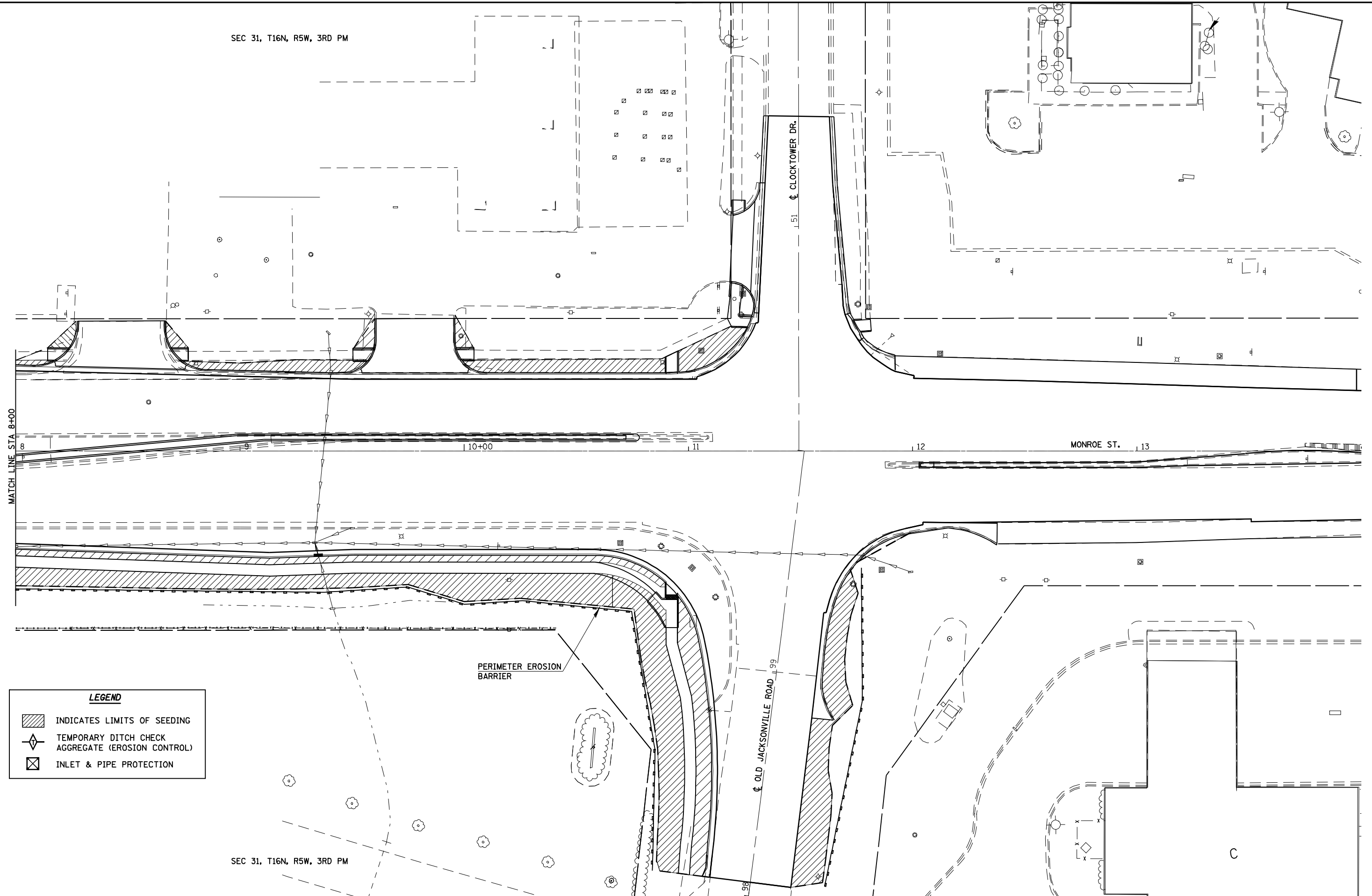
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MONROE ST - EROSION CONTROL




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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	168
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 72B99	

SEC 31, T16N, R5W, 3RD PM



LEGEND

-  INDICATES LIMITS OF SEEDING
-  TEMPORARY DITCH CHECK AGGREGATE (EROSION CONTROL)
-  INLET & PIPE PROTECTION

SEC 31, T16N, R5W, 3RD PM

CEC Cummins
Engineering
Corporation
Civil and Structural Engineering

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DATE - 10/12/2009

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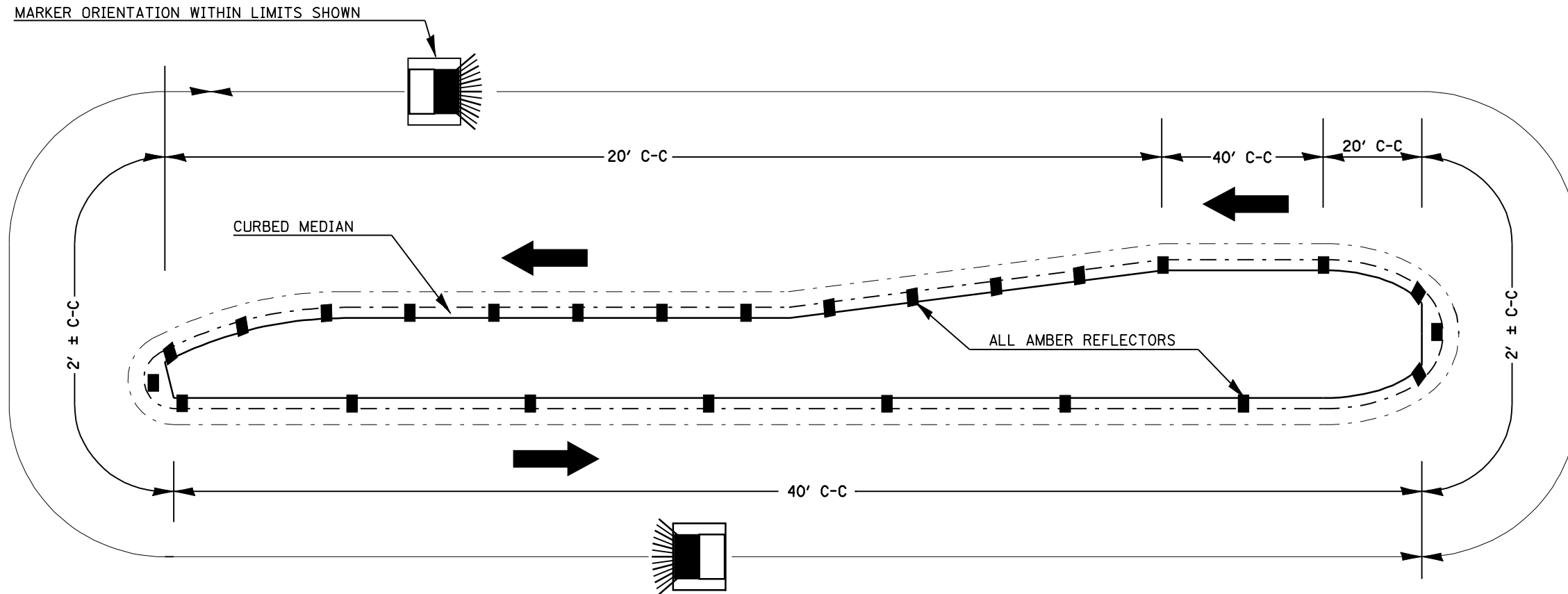
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MONROE ST - EROSION CONTROL

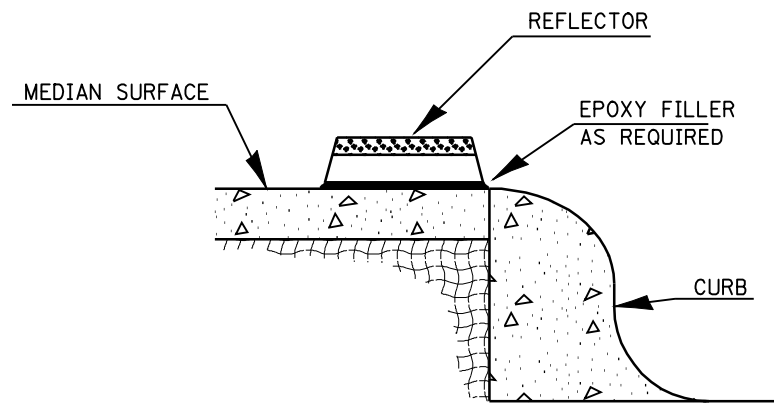
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	169
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

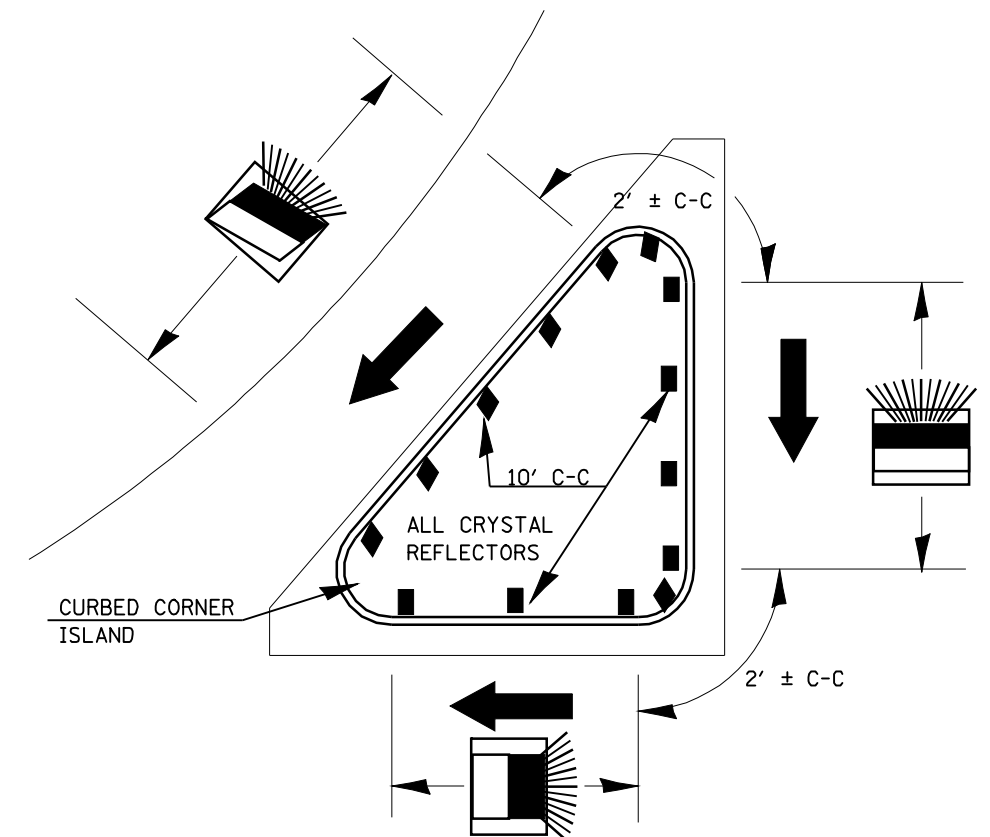
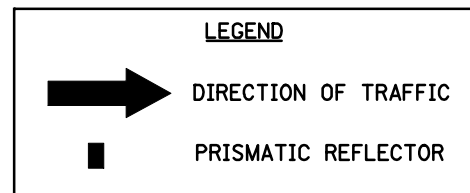
TYPICAL PLACEMENT OF PRISMATIC REFLECTORS ON CURBS



1. PRISMATIC REFLECTORS SHALL BE MONO-DIRECTIONAL AND POSITIONED SO THAT THE REFLECTIVE FACE IS FACING THE APPROACHING TRAFFIC.
2. PRISMATIC REFLECTORS SHALL BE SECURED IN PLACE WITH AN EPOXY ADHESIVE.
3. PRISMATIC REFLECTORS SHALL BE EITHER AMBER OR CRYSTAL IN COLOR.
4. REFER TO SCHEDULES FOR PRISMATIC REFLECTOR QUANTITIES.



SECTION VIEW



ILLINOIS DEPARTMENT OF TRANSPORTATION
LUMINAIRE PERFORMANCE TABLE

1/1/03

GIVEN CONDITIONS

ROADWAY DATA:	Pavement Width	<u>106</u>
	Number Of Lanes	<u>7</u>
	Median Width	<u>23</u>
	IES Surface Classification	<u></u>
	Q-Zero Value	<u></u>
LIGHT POLE DATA:	Mounting Height	<u>50</u>
	Mast Arm Length	<u>15</u>
	Pole Set-Back From Edge Of Pavement	<u>15</u>
LUMINAIRE DATA:	Lamp Type	<u>HPS</u>
	Lamp Lumens	<u>51000</u>
	IES Vertical Distribution	<u>M</u>
	IES Control Of Distribution	<u>FC</u>
	IES Lateral Distribution	<u>3</u>
	Total Light Loss Factor	<u>0.684</u>
LAYOUT DATA:	Spacing	<u>275</u>
	Configuration	<u>Oppos</u>
	Luminaire Overhang Over Edge Of Pavement Lane	<u>0</u>

NOTE: Variations from the above specified IES distribution pattern may be requested and acceptance of variations will be subject to review by the Engineer based on how well the performance requirements are met.

PERFORMANCE REQUIREMENTS

NOTE: These performance requirements shall be the minimum acceptable standards of photometric performance for the luminaire, based on the given conditions listed above.

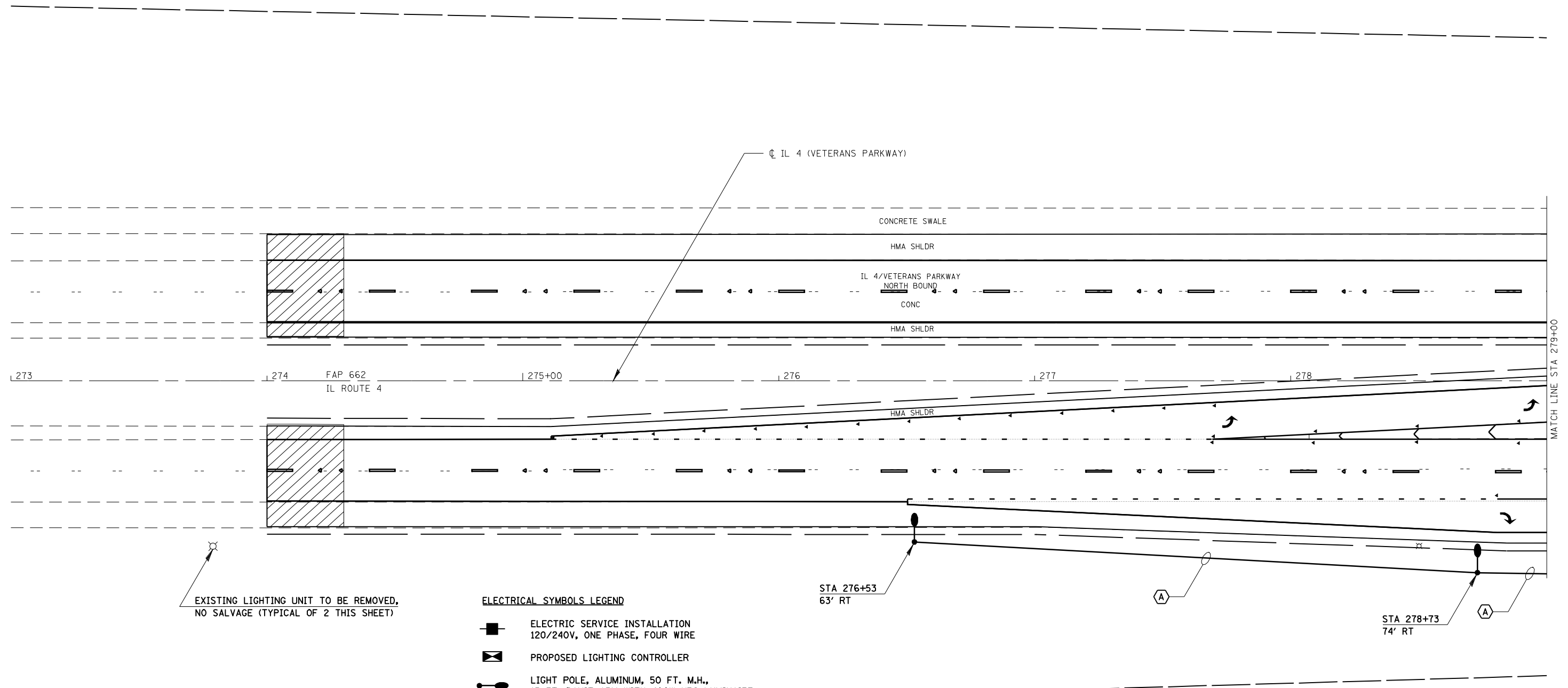
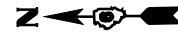
ILLUMINATION:	Average Horizontal Illumination, (E_{Ave})	<u>9.0</u>
	Uniformity Ratio, (E_{Ave}/E_{Min})	<u>3.0</u>
LUMINANCE:	Average Luminance: (L_{Ave})	<u>0.6</u>
	Uniformity Ratios: (L_{Ave}/L_{Min})	<u>3.5</u>
	(L_{Max}/L_{Min})	<u>6.0</u>
	Maximum Veiling Luminance Ratio: (L_v/L_{Ave})	<u>0.3</u>

GENERAL LIGHTING NOTES

- ALL PROPOSED LIGHTING UNITS SHALL BE LABELED ACCORDING TO THE STANDARD SPECIFICATIONS, WITH POLE NUMBERS ATTACHED WITH STAINLESS STEEL BANDING. LIGHTING UNIT NUMBERING SHALL BE AS DIRECTED BY THE ENGINEER.
- EXISTING LIGHT POLES AND FOUNDATIONS TO BE REMOVED, AND ALL ASSOCIATED HARDWARE AND APPURTENANCES, SHALL NOT BE SALVAGED BUT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OFF SITE AT THE CONTRACTOR'S EXPENSE.
- ALL NECESSARY MODIFICATIONS TO EXISTING TRAFFIC SIGNAL CONTROLLER TO FEED THE PROPOSED 400W HPS LUMINAIRES, INCLUDING ALL LABOR, HARDWARE, AND APPURTENANCES SHALL BE INCLUDED IN THE TRAFFIC SIGNAL WORK.
- CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ELECTRICAL WORK WITH OTHER TRADES.
- CONTRACTOR SHALL INSTALL LIGHT POLES AT THE LOCATIONS INDICATED ON THE PLANS, MAINTAINING ADEQUATE CLEARANCE FROM OVERHEAD UTILITY LINES. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY CLEARANCES PER THE NATIONAL ELECTRICAL SAFETY CODE AND/OR THE REQUIREMENTS OF THE UTILITY COMPANIES. THE LOCATION OF BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE AND ARE SHOWN FOR INFORMATION ONLY. REROUTING, DISCONNECTION, RELOCATION, PROTECTION ETC., OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE "TRENCH AND BACKFILL FOR ELECTRICAL WORK" PAY ITEM.










TEMPORARY LIGHTING NOTES

- ALL EXISTING LIGHT POLES SHALL OPERATE FROM DUSK TO DAWN DAILY FOR THE DURATION OF THIS PROJECT. REMOVE SPECIFIC LIGHT POLES DURING SPECIFIC STAGES OF CONSTRUCTION AS DIRECTED BY THE ENGINEER.
- NO LIGHTING CIRCUIT OR PORTION THEREOF SHALL BE REMOVED FROM NIGHTTIME OPERATION WITHOUT APPROVAL OF THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE LIGHTING SYSTEM UNTIL IDOT HAS TAKEN ACCEPTANCE OF THE SYSTEM. ALL EXISTING CIRCUITS AND CABLES TO THE LIGHT POLES SHALL BE MAINTAINED AS NEEDED AND THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT.
- THE TEMPORARY LIGHTING UNITS, INCLUDING WOOD POLES AND AERIAL CABLE, SHALL BE REMOVED ONCE THE PROPOSED LIGHTING IS INSTALLED AND THE TEMPORARY LIGHTING IS NO LONGER NECESSARY. THE WOOD POLES, AERIAL CABLE, AND ALL ASSOCIATED HARDWARE SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OFF SITE AT THE CONTRACTOR'S EXPENSE.
- THE MINIMUM HEIGHT OF AERIAL CABLE SPANS SHALL BE 20 FEET ABOVE THE TOP OF PAVEMENT OR GRADE. ANY AERIAL CABLE SPANS SAGGING BELOW 20 FEET SHALL BE ADJUSTED AT NO ADDITIONAL COST.
- ALL RELOCATIONS AND ADJUSTMENTS TO TEMPORARY FACILITIES, INCLUDING EXISTING LIGHTING UNITS TO SERVE AS TEMPORARY LIGHTING, OR RECONNECTIONS OF THE TEMPORARY AERIAL CABLE DUE TO STAGING OR CONSTRUCTION SHALL BE MADE AT NO ADDITIONAL COST.
- POLES AND FACILITIES THAT ARE PERMANENT LIGHTING UNITS AND TO ALSO FUNCTION AS TEMPORARY LIGHTING SHALL BE CAREFULLY PROTECTED FROM DAMAGE. ANY DAMAGE SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
- WOOD POLES SHALL BE GUYED AND ANCHORED AS INDICATED ON THE PLANS AND TO THE SATISFACTION OF THE ENGINEER. THE COST OF THIS WORK, INCLUDING ALL LABOR, EQUIPMENT, HARDWARE, AND ALL NECESSARY ADJUSTMENTS, SHALL BE INCLUDED IN THE "LIGHT POLE, WOOD, 60 FOOT, CLASS 3" PAY ITEM.



EXISTING LIGHTING UNIT TO BE REMOVED,
NO SALVAGE (TYPICAL OF 2 THIS SHEET)

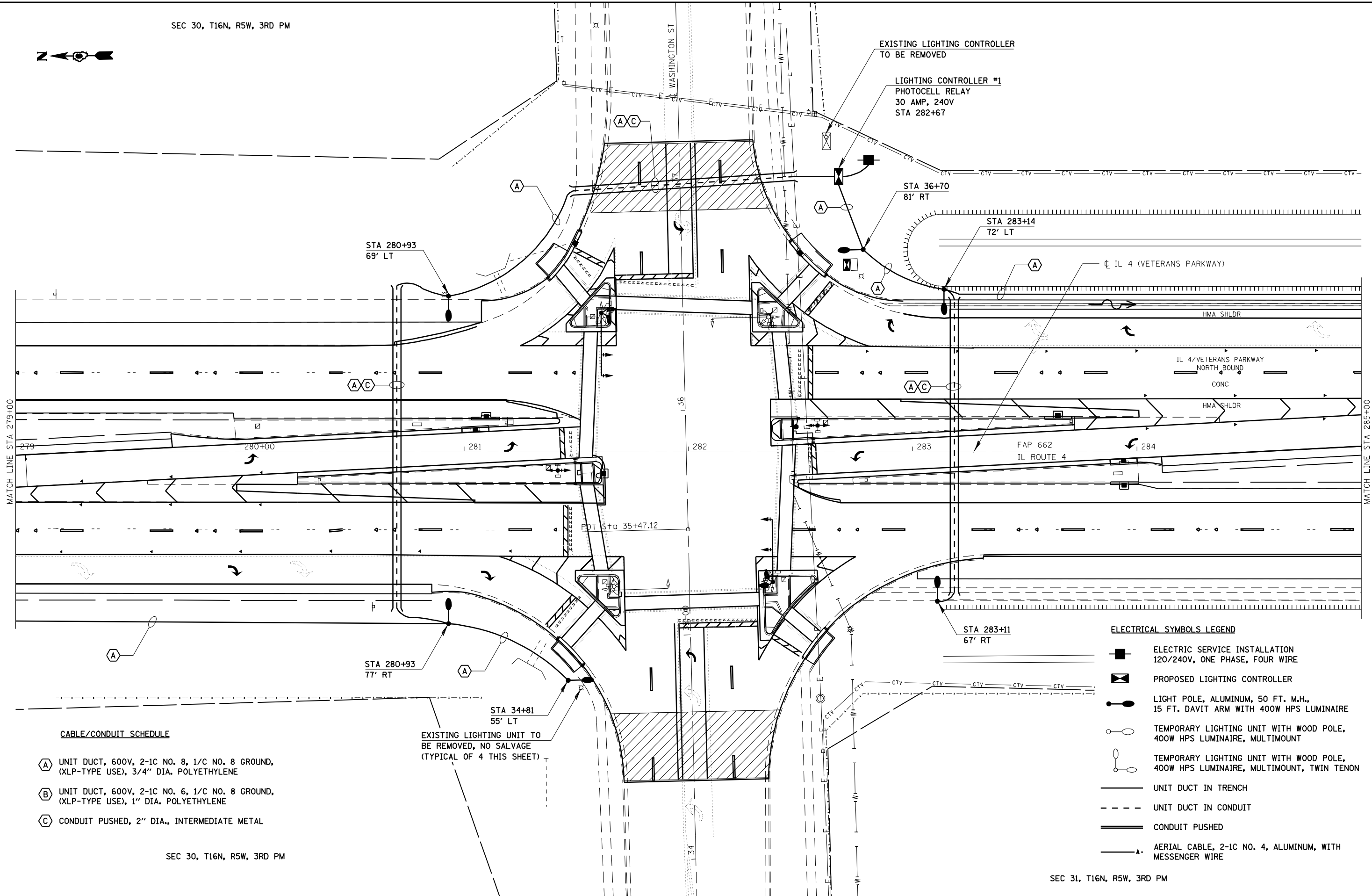
ELECTRICAL SYMBOLS LEGEND

-  ELECTRIC SERVICE INSTALLATION
120/240V, ONE PHASE, FOUR WIRE
-  PROPOSED LIGHTING CONTROLLER
-  LIGHT POLE, ALUMINUM, 50 FT. M.H.,
15 FT. DAVIT ARM WITH 400W HPS LUMINAIRE
-  TEMPORARY LIGHTING UNIT WITH WOOD POLE,
400W HPS LUMINAIRE, MULTIMOUNT
-  TEMPORARY LIGHTING UNIT WITH WOOD POLE,
400W HPS LUMINAIRE, MULTIMOUNT, TWIN TENON
-  UNIT DUCT IN TRENCH
-  UNIT DUCT IN CONDUIT
-  CONDUIT PUSHED
-  AERIAL CABLE, 2-1C NO. 4, ALUMINUM, WITH
MESSENGER WIRE

CABLE/CONDUIT SCHEDULE

- (A) UNIT DUCT, 600V, 2-1C NO. 8, 1/C NO. 8 GROUND,
(XLP-TYPE USE), 3/4" DIA. POLYETHYLENE
- (B) UNIT DUCT, 600V, 2-1C NO. 6, 1/C NO. 8 GROUND,
(XLP-TYPE USE), 1" DIA. POLYETHYLENE
- (C) CONDUIT PUSHED, 2" DIA., INTERMEDIATE METAL

	JOB = 2200.4	DESIGNED - NAK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LIGHTING - IL 4 (VETERANS PARKWAY)			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME = *FILES*	DRAWN - AJH	REVISED -					662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	170B
	PLOT SCALE = *SCALE*	CHECKED - NAK	REVISED -					CONTRACT NO. 72B99				
PLOT DATE = *DATE*	DATE - 11/6/2009	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT				



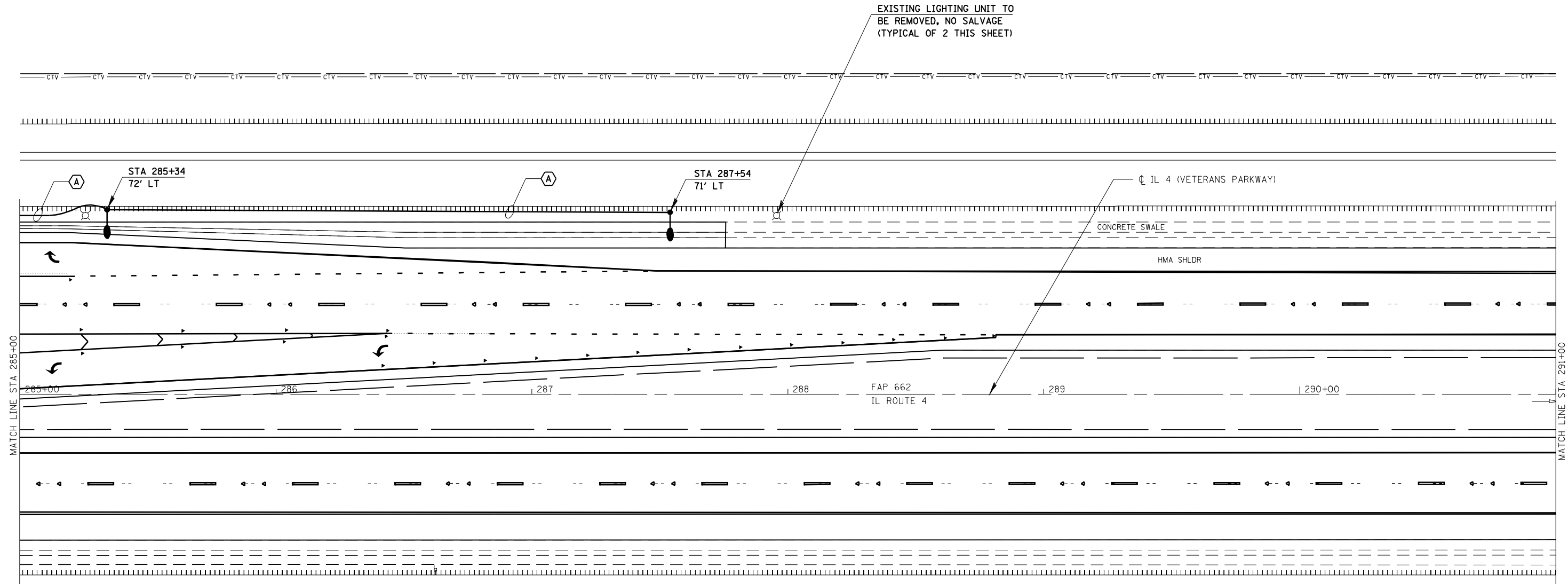
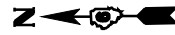
CABLE/CONDUIT SCHEDULE

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- (B) UNIT DUCT, 600V, 2-1C NO. 6, 1/C NO. 8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE
- (C) CONDUIT PUSHED, 2" DIA., INTERMEDIATE METAL

EXISTING LIGHTING UNIT TO BE REMOVED, NO SALVAGE (TYPICAL OF 4 THIS SHEET)

ELECTRICAL SYMBOLS LEGEND

- ELECTRIC SERVICE INSTALLATION 120/240V, ONE PHASE, FOUR WIRE
- PROPOSED LIGHTING CONTROLLER
- LIGHT POLE, ALUMINUM, 50 FT. M.H., 15 FT. DAVIT ARM WITH 400W HPS LUMINAIRE
- TEMPORARY LIGHTING UNIT WITH WOOD POLE, 400W HPS LUMINAIRE, MULTIMOUNT
- TEMPORARY LIGHTING UNIT WITH WOOD POLE, 400W HPS LUMINAIRE, MULTIMOUNT, TWIN TENON
- UNIT DUCT IN TRENCH
- UNIT DUCT IN CONDUIT
- CONDUIT PUSHED
- AERIAL CABLE, 2-1C NO. 4, ALUMINUM, WITH MESSENGER WIRE



ELECTRICAL SYMBOLS LEGEND










- ELECTRIC SERVICE INSTALLATION
120/240V, ONE PHASE, FOUR WIRE
- PROPOSED LIGHTING CONTROLLER
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- TEMPORARY LIGHTING UNIT WITH WOOD POLE,
400W HPS LUMINAIRE, MULTIMOUNT, TWIN TENON
- UNIT DUCT IN TRENCH
- UNIT DUCT IN CONDUIT
- CONDUIT PUSHED
- AERIAL CABLE, 2-1C NO. 4, ALUMINUM, WITH
MESSENGER WIRE

CABLE/CONDUIT SCHEDULE

- (A)** UNIT DUCT, 600V, 2-1C NO. 8, 1/C NO. 8 GROUND,
(XLP-TYPE USE), 3/4" DIA. POLYETHYLENE
- (B)** UNIT DUCT, 600V, 2-1C NO. 6, 1/C NO. 8 GROUND,
(XLP-TYPE USE), 1" DIA. POLYETHYLENE
- (C)** CONDUIT PUSHED, 2" DIA., INTERMEDIATE METAL

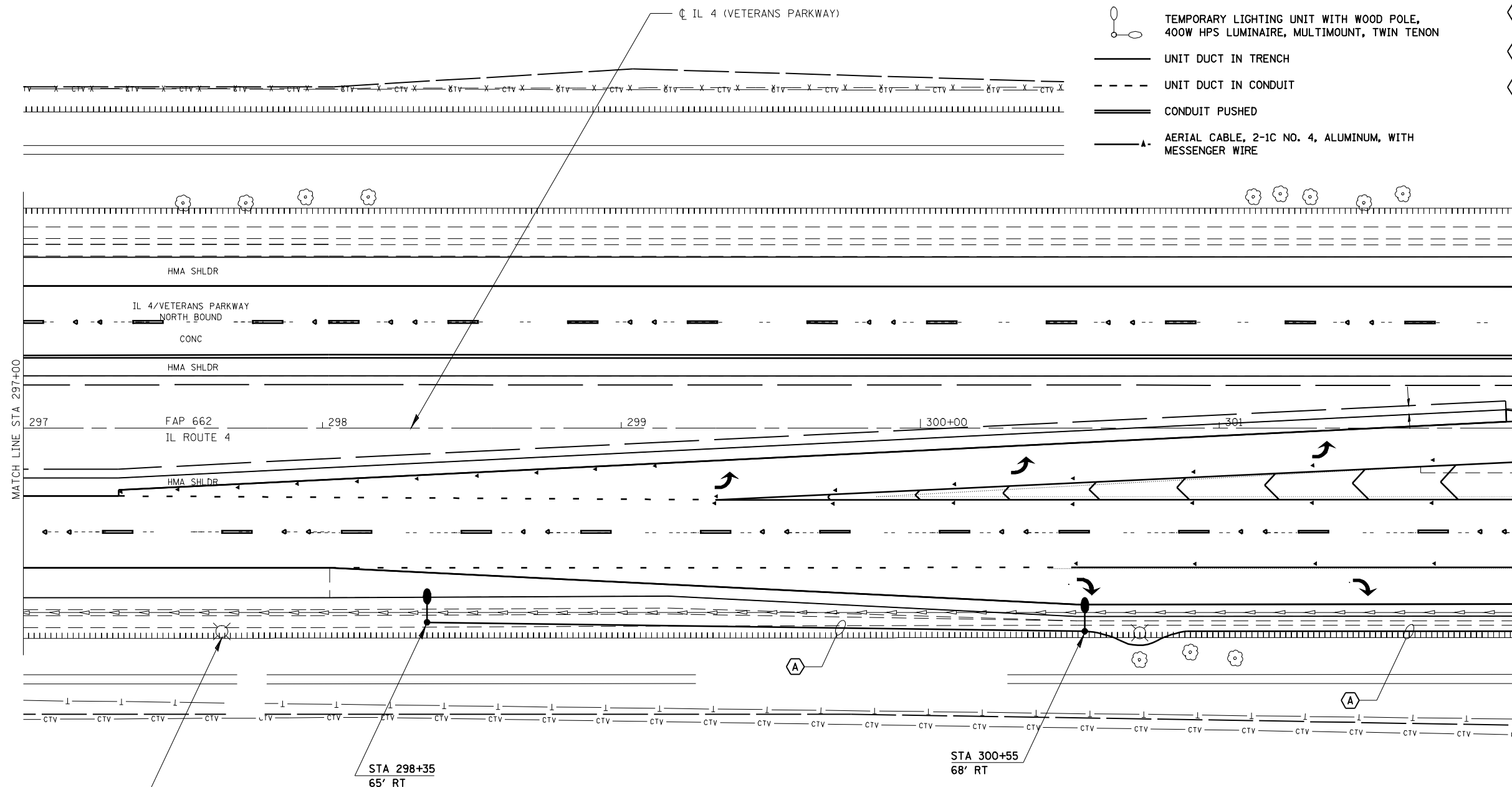


ELECTRICAL SYMBOLS LEGEND

-  ELECTRIC SERVICE INSTALLATION
120/240V, ONE PHASE, FOUR WIRE
-  PROPOSED LIGHTING CONTROLLER
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-  TEMPORARY LIGHTING UNIT WITH WOOD POLE,
400W HPS LUMINAIRE, MULTIMOUNT, TWIN TENON
-  UNIT DUCT IN TRENCH
-  UNIT DUCT IN CONDUIT
-  CONDUIT PUSHED
-  AERIAL CABLE, 2-1C NO. 4, ALUMINUM, WITH
MESSENGER WIRE

CABLE/CONDUIT SCHEDULE

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(XLP-TYPE USE), 1" DIA. POLYETHYLENE
- (C)** CONDUIT PUSHED, 2" DIA., INTERMEDIATE METAL



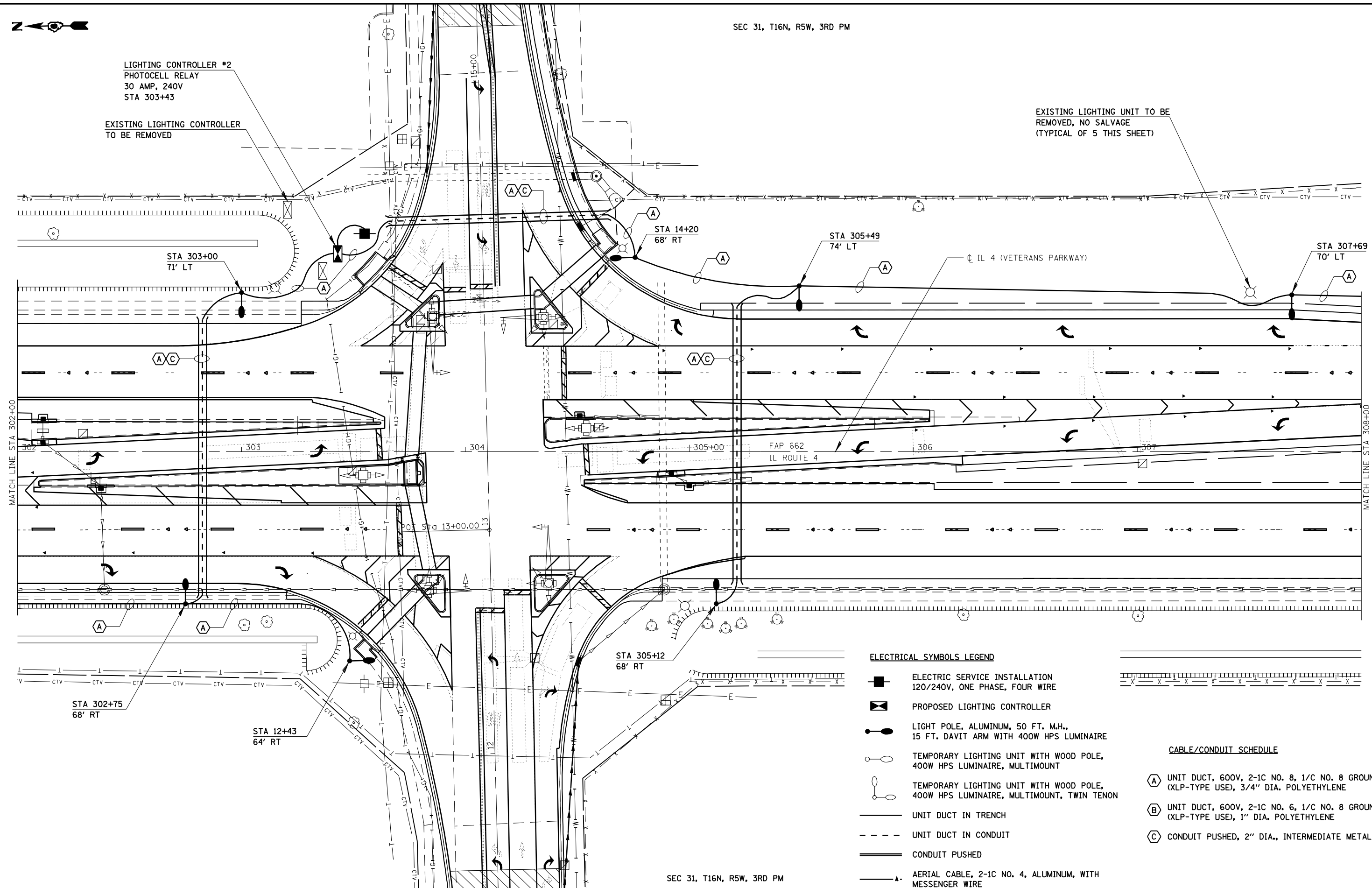


SEC 31, T16N, R5W, 3RD PM










LIGHTING CONTROLLER #2
PHOTOCELL RELAY
30 AMP, 240V
STA 303+43

EXISTING LIGHTING CONTROLLER
TO BE REMOVED

EXISTING LIGHTING UNIT TO BE
REMOVED, NO SALVAGE
(TYPICAL OF 5 THIS SHEET)



ELECTRICAL SYMBOLS LEGEND

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120/240V, ONE PHASE, FOUR WIRE
-  PROPOSED LIGHTING CONTROLLER
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-  TEMPORARY LIGHTING UNIT WITH WOOD POLE,
400W HPS LUMINAIRE, MULTIMOUNT
-  TEMPORARY LIGHTING UNIT WITH WOOD POLE,
400W HPS LUMINAIRE, MULTIMOUNT, TWIN TENON
-  UNIT DUCT IN TRENCH
-  UNIT DUCT IN CONDUIT
-  CONDUIT PUSHED
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- (B)** UNIT DUCT, 600V, 2-1C NO. 6, 1/C NO. 8 GROUND,
(XLP-TYPE USE), 1" DIA. POLYETHYLENE
- (C)** CONDUIT PUSHED, 2" DIA., INTERMEDIATE METAL

SEC 31, T16N, R5W, 3RD PM



JOB = 2200.4
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 PLOT SCALE = *SCALE*
 PLOT DATE = *DATE*

DESIGNED - NAK
 DRAWN - AJH
 CHECKED - NAK
 DATE - 11/6/2009

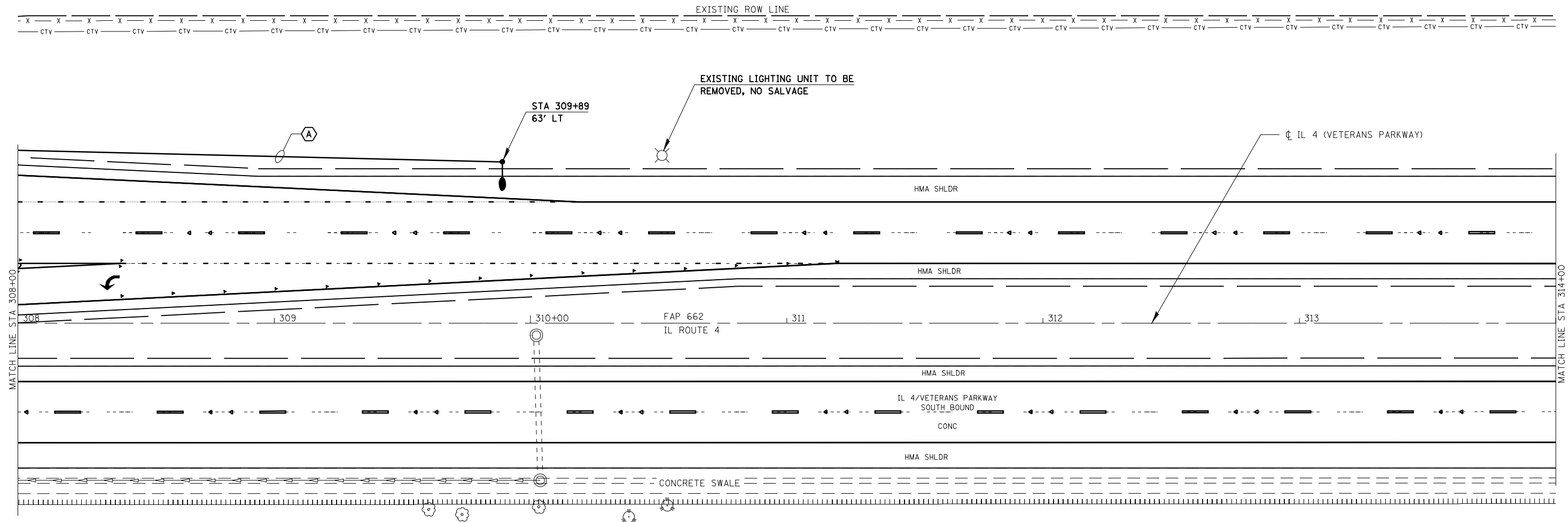
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**










LIGHTING - IL 4 (VETERANS PARKWAY)

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

F.A.S. RTE. 662	SECTION (2-1-2, 2-2) RS, TS-6	COUNTY SANGAMON	TOTAL SHEETS 244	SHEET NO. 170F
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 72B99	

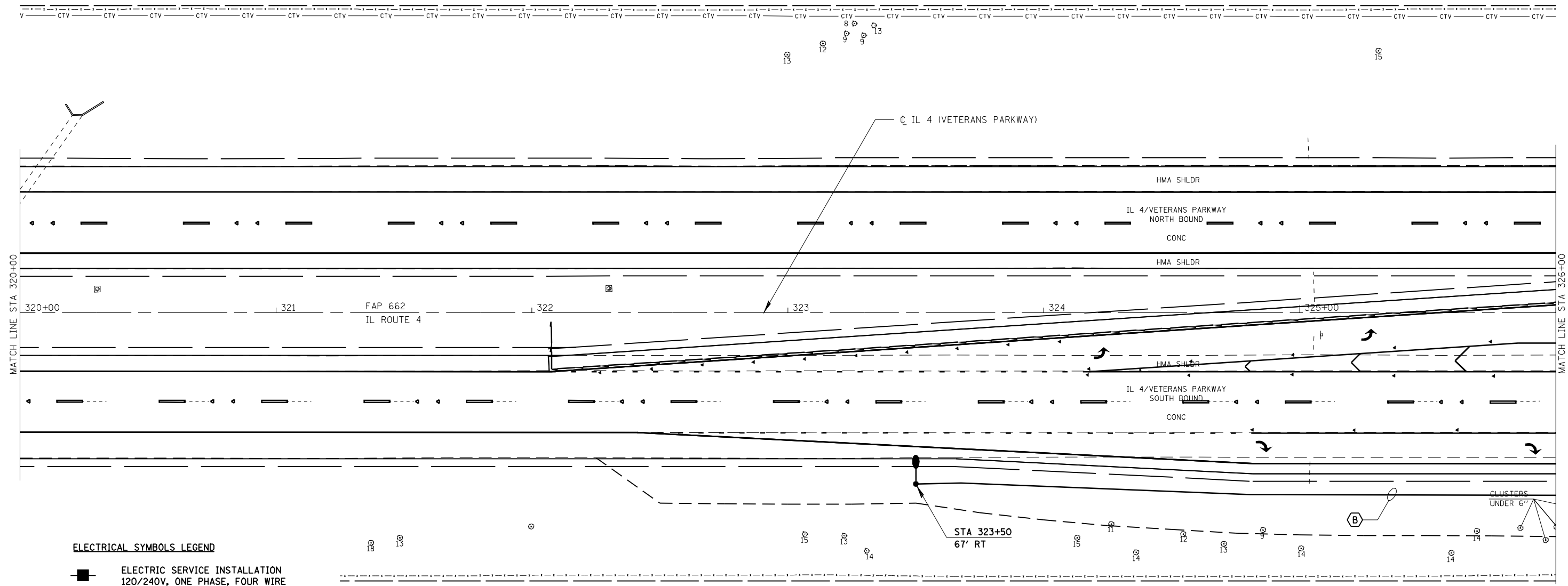


ELECTRICAL SYMBOLS LEGEND










-  ELECTRIC SERVICE INSTALLATION 120/240V, ONE PHASE, FOUR WIRE
-  PROPOSED LIGHTING CONTROLLER
-  LIGHT POLE, ALUMINUM, 50 FT. M.H., 15 FT. DAVIT ARM WITH 400W HPS LUMINAIRE
-  TEMPORARY LIGHTING UNIT WITH WOOD POLE, 400W HPS LUMINAIRE, MULTIMOUNT
-  TEMPORARY LIGHTING UNIT WITH WOOD POLE, 400W HPS LUMINAIRE, MULTIMOUNT, TWIN TENON
-  UNIT DUCT IN TRENCH
-  UNIT DUCT IN CONDUIT
-  CONDUIT PUSHED
-  AERIAL CABLE, 2-1C NO. 4, ALUMINUM, WITH MESSENGER WIRE

CABLE/CONDUIT SCHEDULE

- (A)** UNIT DUCT, 600V, 2-1C NO. 8, 1/C NO. 8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE
- (B)** UNIT DUCT, 600V, 2-1C NO. 6, 1/C NO. 8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE
- (C)** CONDUIT PUSHED, 2" DIA., INTERMEDIATE METAL



ELECTRICAL SYMBOLS LEGEND

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-  TEMPORARY LIGHTING UNIT WITH WOOD POLE,
400W HPS LUMINAIRE, MULTIMOUNT, TWIN TENON
-  UNIT DUCT IN TRENCH
-  UNIT DUCT IN CONDUIT
-  CONDUIT PUSHED
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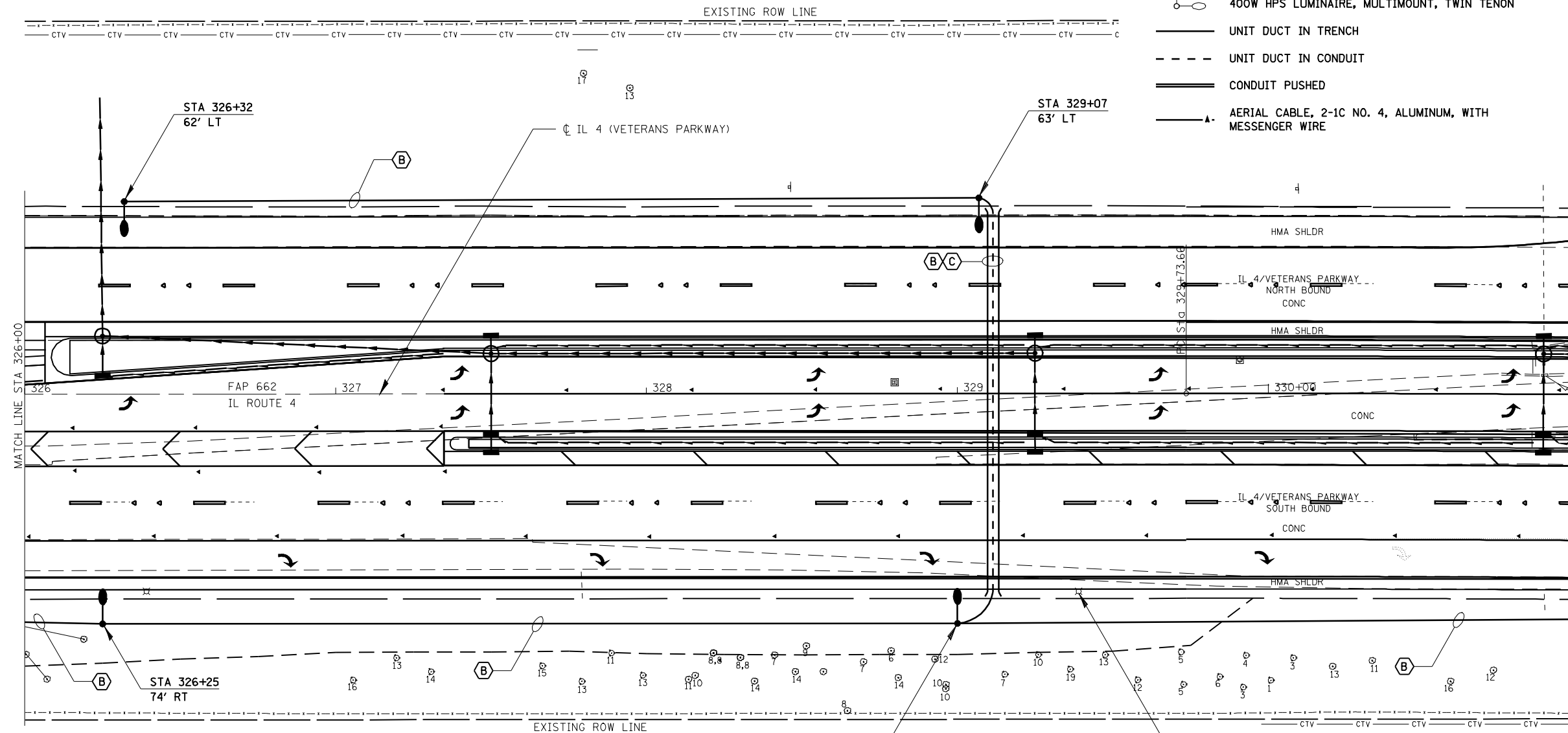


ELECTRICAL SYMBOLS LEGEND

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- (C) CONDUIT PUSHED, 2" DIA., INTERMEDIATE METAL



STA 329+00
74' RT

EXISTING LIGHTING UNIT TO BE REMOVED,
NO SALVAGE (TYPICAL OF 2 THIS SHEET)



JOB = 2200.4
FILE NAME = *FILES*
PLOT SCALE = *SCALE*
PLOT DATE = *DATE*

DESIGNED - NAK
DRAWN - AJH
CHECKED - NAK
DATE - 11/6/2009

REVISED -
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REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LIGHTING - IL 4 (VETERANS PARKWAY)

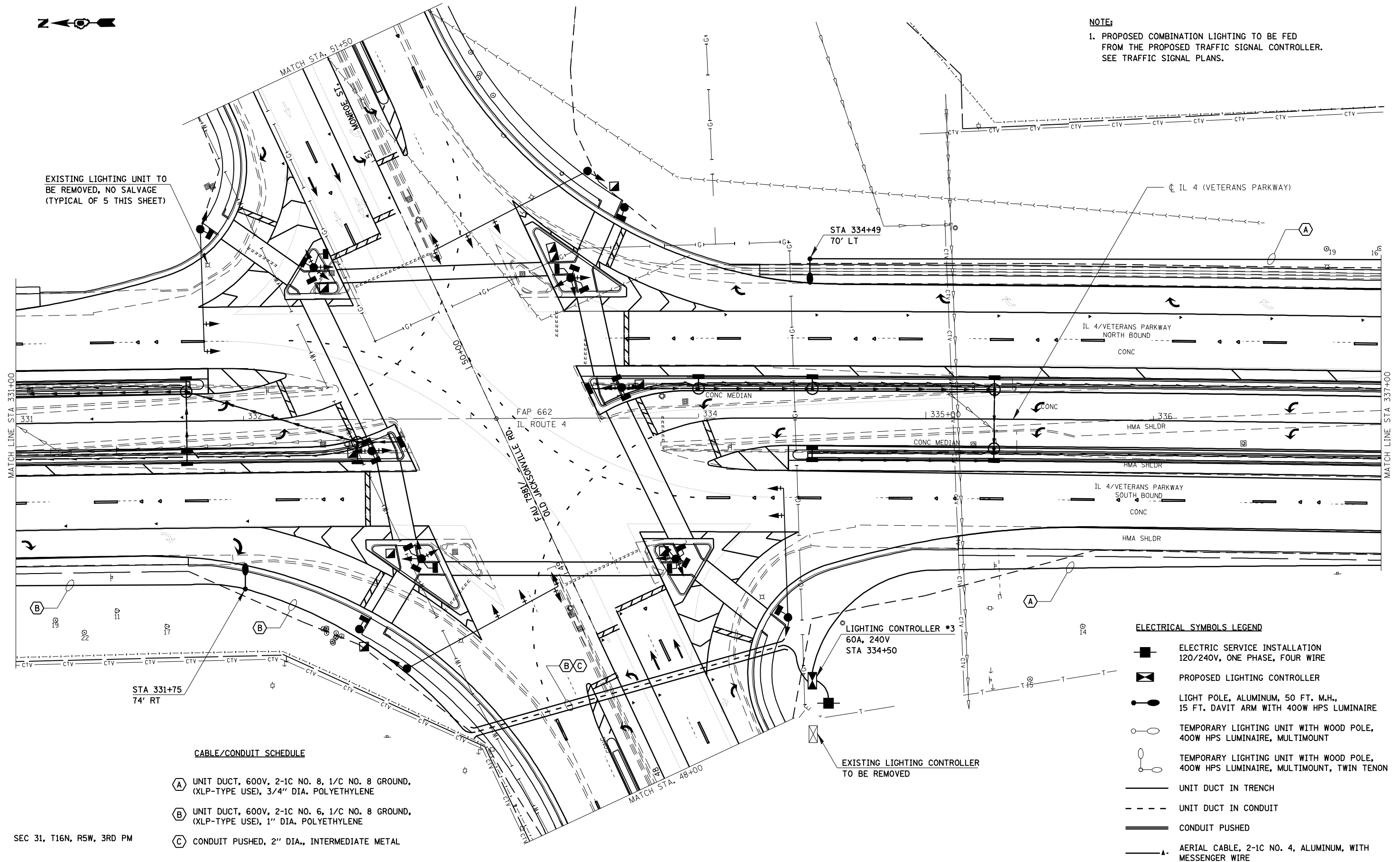
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	1701
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



NOTE:

1. PROPOSED COMBINATION LIGHTING TO BE FED FROM THE PROPOSED TRAFFIC SIGNAL CONTROLLER. SEE TRAFFIC SIGNAL PLANS.



EXISTING LIGHTING UNIT TO BE REMOVED, NO SALVAGE (TYPICAL OF 5 THIS SHEET)

STA 334+49
70' LT

LIGHTING CONTROLLER #3
60A, 240V
STA 334+50

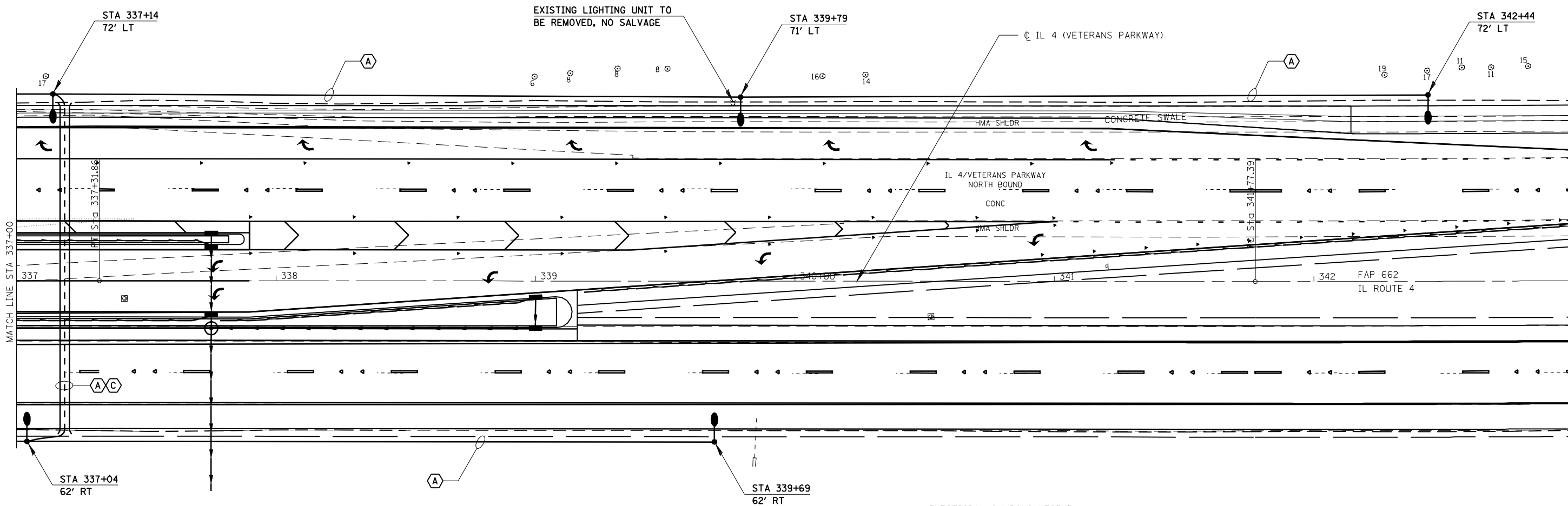
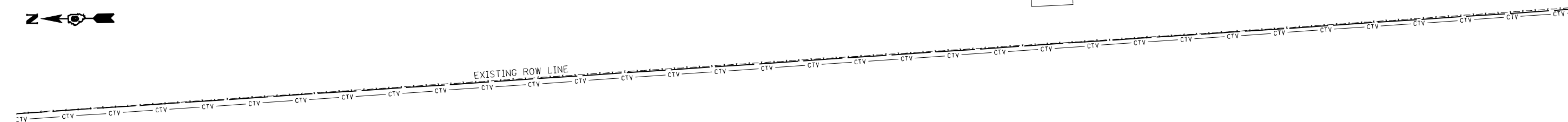
STA 331+75
74' RT

CABLE/CONDUIT SCHEDULE

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- (B) UNIT DUCT, 600V, 2-1C NO. 6, 1/C NO. 8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE
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- TEMPORARY LIGHTING UNIT WITH WOOD POLE, 400W HPS LUMINAIRE, MULTIMOUNT, TWIN TENON
- UNIT DUCT IN TRENCH
- UNIT DUCT IN CONDUIT
- CONDUIT PUSHED
- AERIAL CABLE, 2-1C NO. 4, ALUMINUM, WITH MESSENGER WIRE



- ELECTRICAL SYMBOLS LEGEND**
- ELECTRIC SERVICE INSTALLATION
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 DRAWN - AJH
 CHECKED - NAK
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REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LIGHTING - IL 4 (VETERANS PARKWAY)

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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	170K
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72B99	

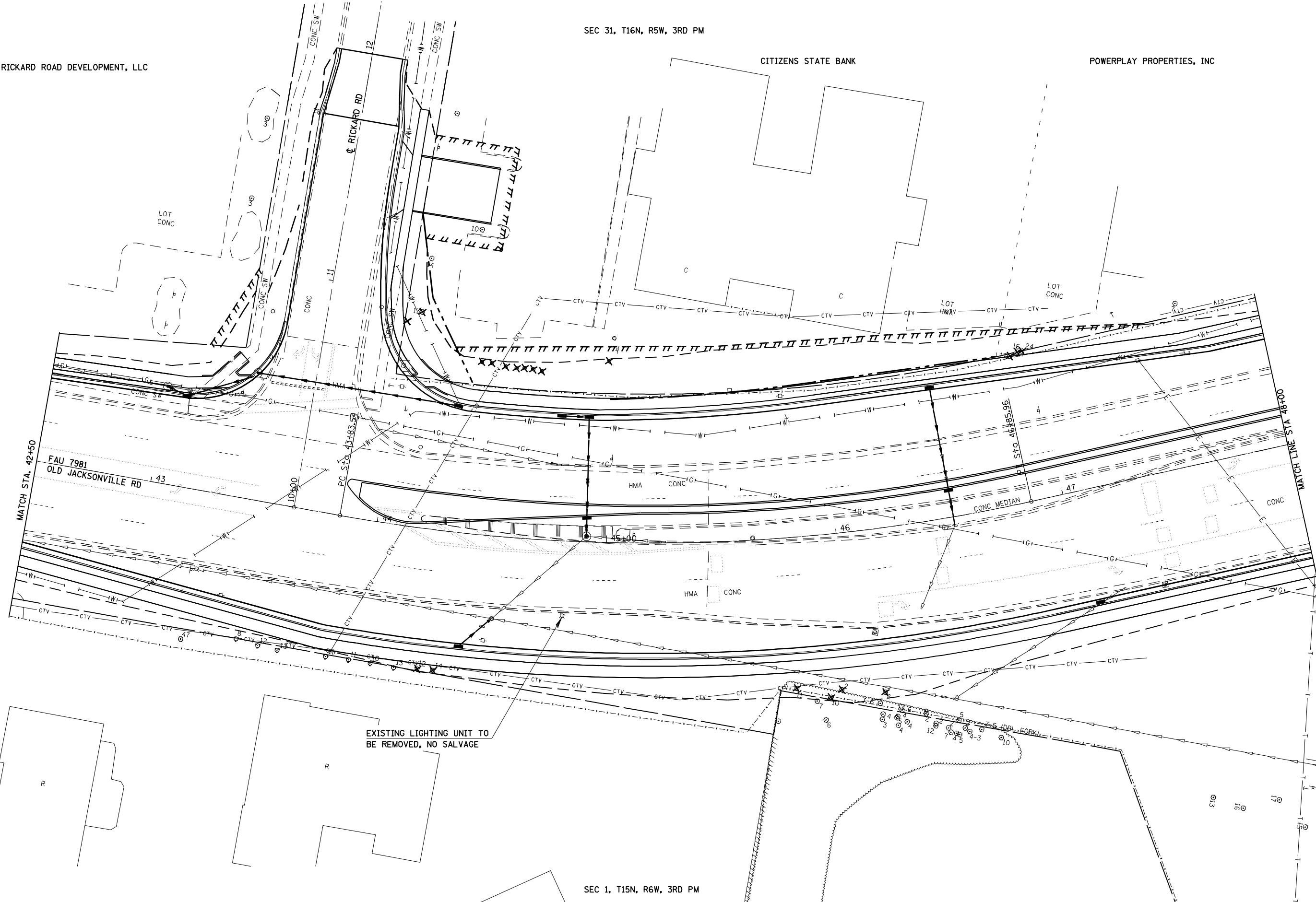


RICKARD ROAD DEVELOPMENT, LLC

SEC 31, T16N, R5W, 3RD PM

CITIZENS STATE BANK

POWERPLAY PROPERTIES, INC



SEC 1, T15N, R6W, 3RD PM



JOB = 2200.4
FILE NAME = *FILES*
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PLOT DATE = *DATE*

DESIGNED - NAK
DRAWN - AJH
CHECKED - NAK
DATE - 11/6/2009

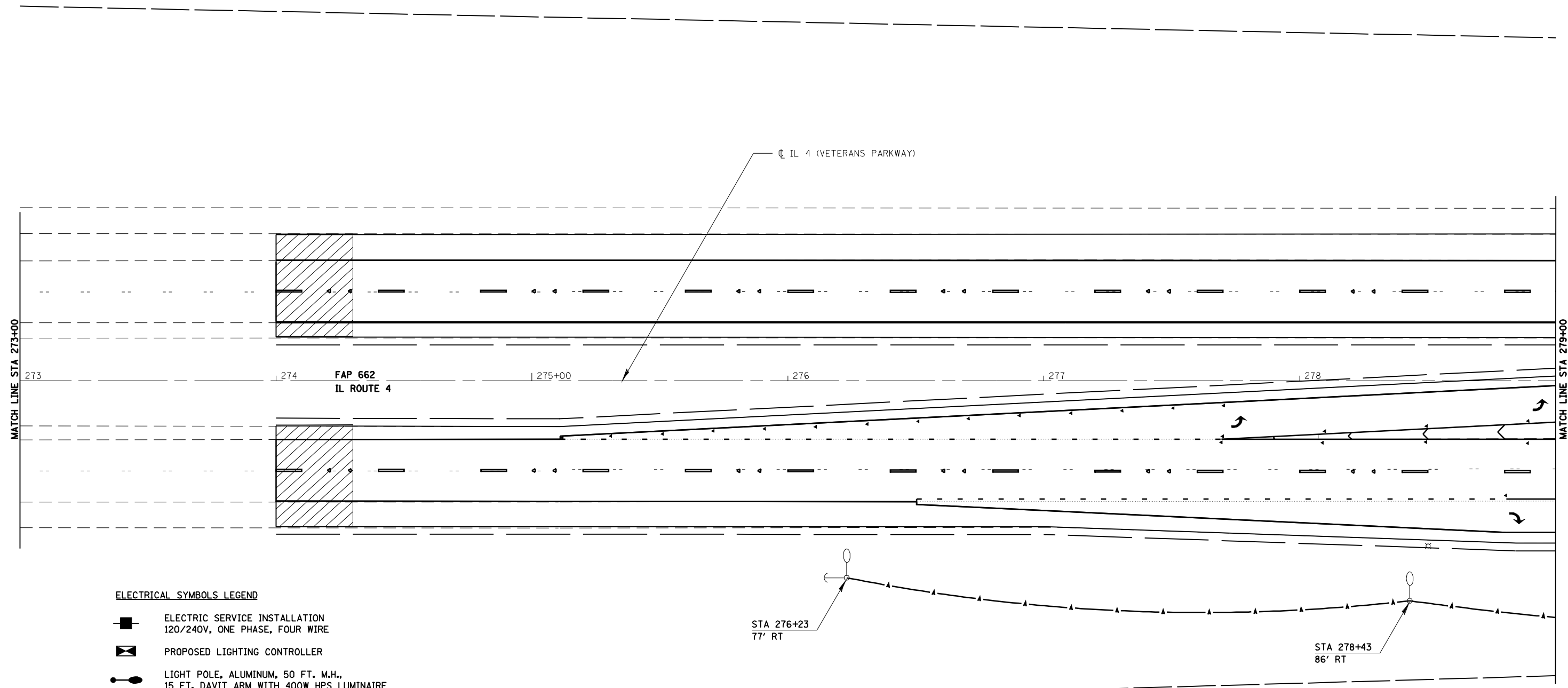
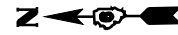
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION










LIGHTING - OLD JACKSONVILLE RD

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	170L
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



ELECTRICAL SYMBOLS LEGEND

-  ELECTRIC SERVICE INSTALLATION
120/240V, ONE PHASE, FOUR WIRE
-  PROPOSED LIGHTING CONTROLLER
-  LIGHT POLE, ALUMINUM, 50 FT. M.H.,
15 FT. DAVIT ARM WITH 400W HPS LUMINAIRE
-  TEMPORARY LIGHTING UNIT WITH WOOD POLE,
400W HPS LUMINAIRE, MULTIMOUNT
-  TEMPORARY LIGHTING UNIT WITH WOOD POLE,
400W HPS LUMINAIRE, MULTIMOUNT, TWIN TENON
-  UNIT DUCT IN TRENCH
-  UNIT DUCT IN CONDUIT
-  CONDUIT PUSHED
-  AERIAL CABLE, 2-1C NO. 4, ALUMINUM, WITH
MESSENGER WIRE

CABLE/CONDUIT SCHEDULE

- (A) UNIT DUCT, 600V, 2-1C NO. 8, 1/C NO. 8 GROUND,
(XLP-TYPE USE), 3/4" DIA. POLYETHYLENE
- (B) UNIT DUCT, 600V, 2-1C NO. 6, 1/C NO. 8 GROUND,
(XLP-TYPE USE), 1" DIA. POLYETHYLENE
- (C) CONDUIT PUSHED, 2" DIA., INTERMEDIATE METAL

SEC 30, T16N, R5W, 3RD PM

SEC 30, T16N, R5W, 3RD PM



JOB = 2200.4
 FILE NAME = *FILES*
 PLOT SCALE = *SCALE*
 PLOT DATE = *DATE*

DESIGNED - NAK
 DRAWN - AJH
 CHECKED - NAK
 DATE - 11/6/2009

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TEMPORARY LIGHTING - IL 4 (VETERANS PARKWAY)

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










F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	170M
CONTRACT NO. 72B99				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SEC 30, T16N, R5W, 3RD PM

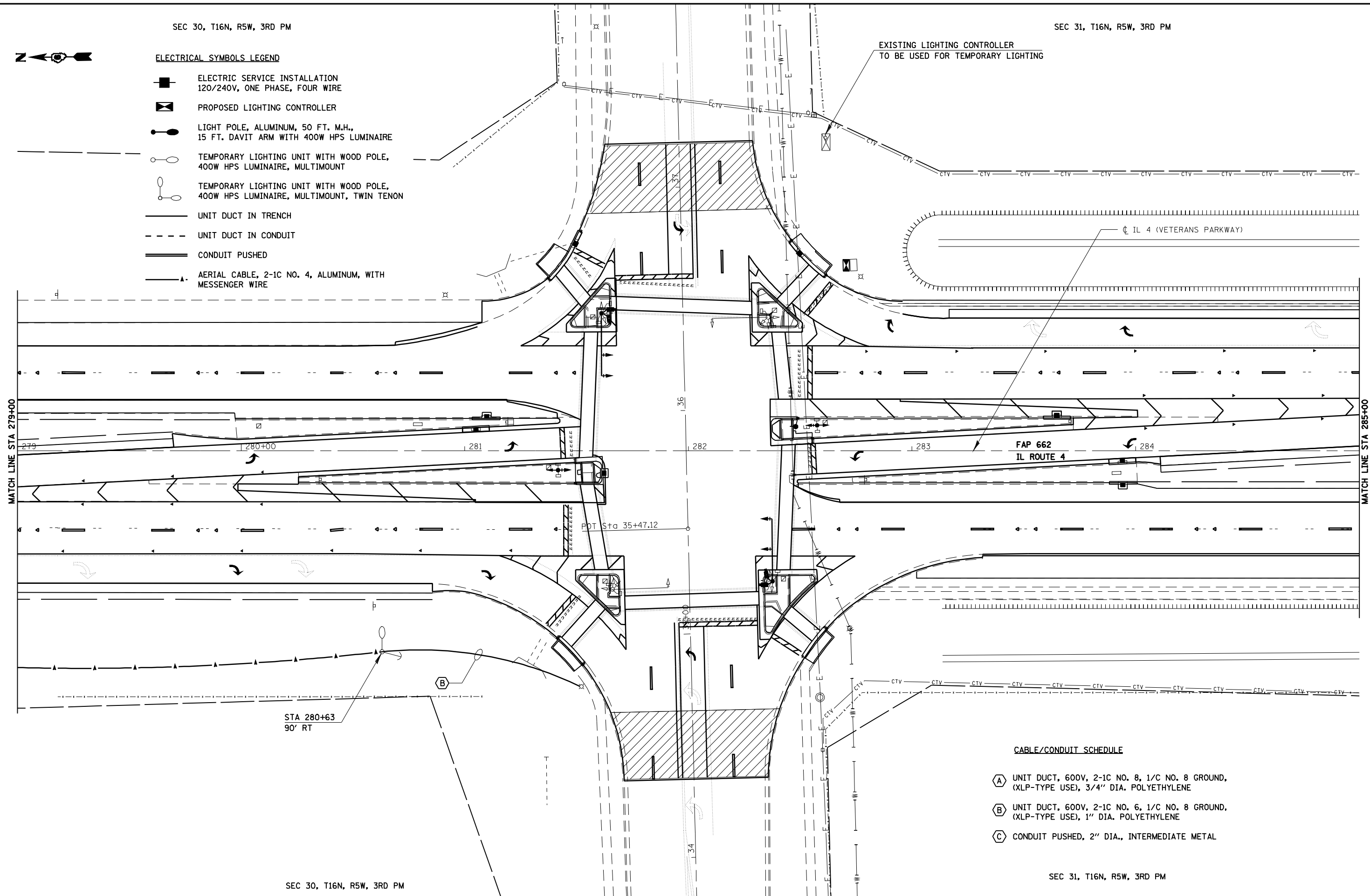
SEC 31, T16N, R5W, 3RD PM



ELECTRICAL SYMBOLS LEGEND

-  ELECTRIC SERVICE INSTALLATION
120/240V, ONE PHASE, FOUR WIRE
-  PROPOSED LIGHTING CONTROLLER
-  LIGHT POLE, ALUMINUM, 50 FT. M.H.,
15 FT. DAVIT ARM WITH 400W HPS LUMINAIRE
-  TEMPORARY LIGHTING UNIT WITH WOOD POLE,
400W HPS LUMINAIRE, MULTIMOUNT
-  TEMPORARY LIGHTING UNIT WITH WOOD POLE,
400W HPS LUMINAIRE, MULTIMOUNT, TWIN TENON
-  UNIT DUCT IN TRENCH
-  UNIT DUCT IN CONDUIT
-  CONDUIT PUSHED
-  AERIAL CABLE, 2-1C NO. 4, ALUMINUM, WITH
MESSENGER WIRE

EXISTING LIGHTING CONTROLLER
TO BE USED FOR TEMPORARY LIGHTING



MATCH LINE STA 279+00

MATCH LINE STA 285+00

STA 280+63
90' RT

CABLE/CONDUIT SCHEDULE

- (A) UNIT DUCT, 600V, 2-1C NO. 8, 1/C NO. 8 GROUND,
(XLP-TYPE USE), 3/4" DIA. POLYETHYLENE
- (B) UNIT DUCT, 600V, 2-1C NO. 6, 1/C NO. 8 GROUND,
(XLP-TYPE USE), 1" DIA. POLYETHYLENE
- (C) CONDUIT PUSHED, 2" DIA., INTERMEDIATE METAL

SEC 30, T16N, R5W, 3RD PM

SEC 31, T16N, R5W, 3RD PM



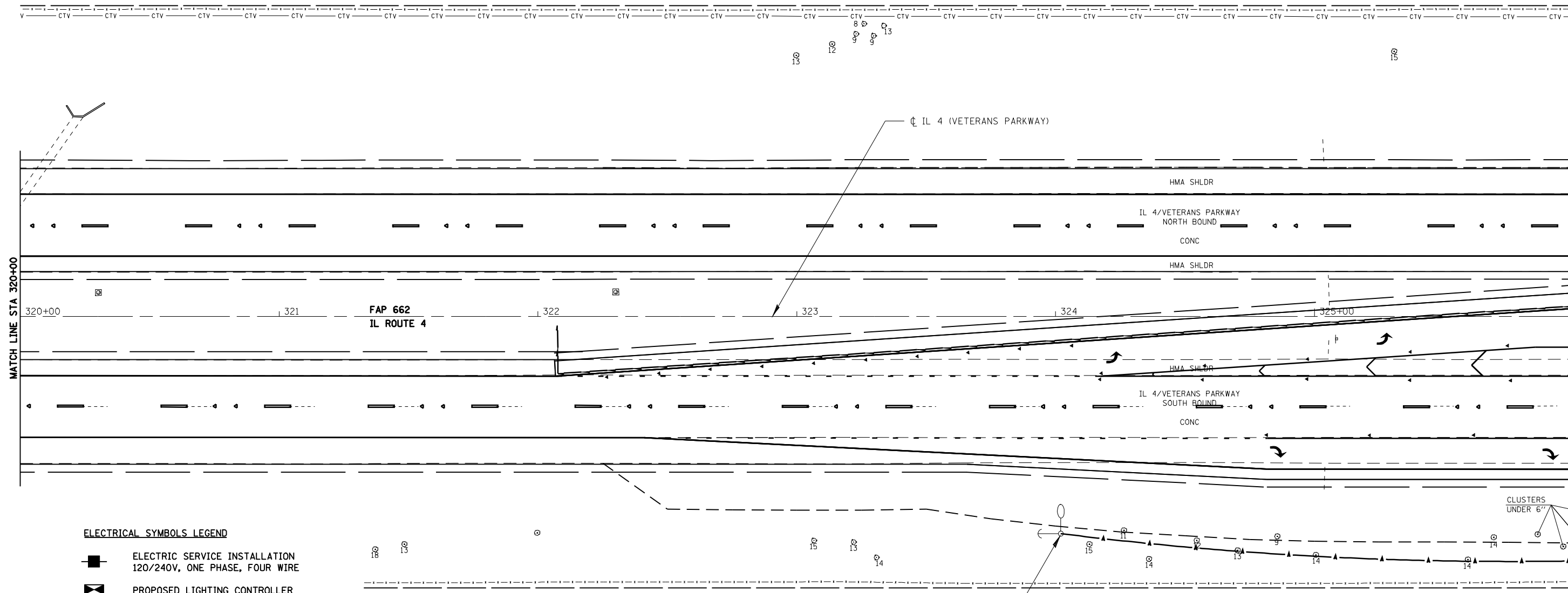
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**










TEMPORARY LIGHTING - IL 4 (VETERANS PARKWAY)

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	170N
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



ELECTRICAL SYMBOLS LEGEND

-  ELECTRIC SERVICE INSTALLATION
120/240V, ONE PHASE, FOUR WIRE
-  PROPOSED LIGHTING CONTROLLER
-  LIGHT POLE, ALUMINUM, 50 FT. M.H.,
15 FT. DAVIT ARM WITH 400W HPS LUMINAIRE
-  TEMPORARY LIGHTING UNIT WITH WOOD POLE,
400W HPS LUMINAIRE, MULTIMOUNT
-  TEMPORARY LIGHTING UNIT WITH WOOD POLE,
400W HPS LUMINAIRE, MULTIMOUNT, TWIN TENON
-  UNIT DUCT IN TRENCH
-  UNIT DUCT IN CONDUIT
-  CONDUIT PUSHED
-  AERIAL CABLE, 2-1C NO. 4, ALUMINUM, WITH
MESSENGER WIRE

CABLE/CONDUIT SCHEDULE

-  UNIT DUCT, 600V, 2-1C NO. 8, 1/C NO. 8 GROUND,
(XLP-TYPE USE), 3/4" DIA. POLYETHYLENE
-  UNIT DUCT, 600V, 2-1C NO. 6, 1/C NO. 8 GROUND,
(XLP-TYPE USE), 1" DIA. POLYETHYLENE
-  CONDUIT PUSHED, 2" DIA., INTERMEDIATE METAL

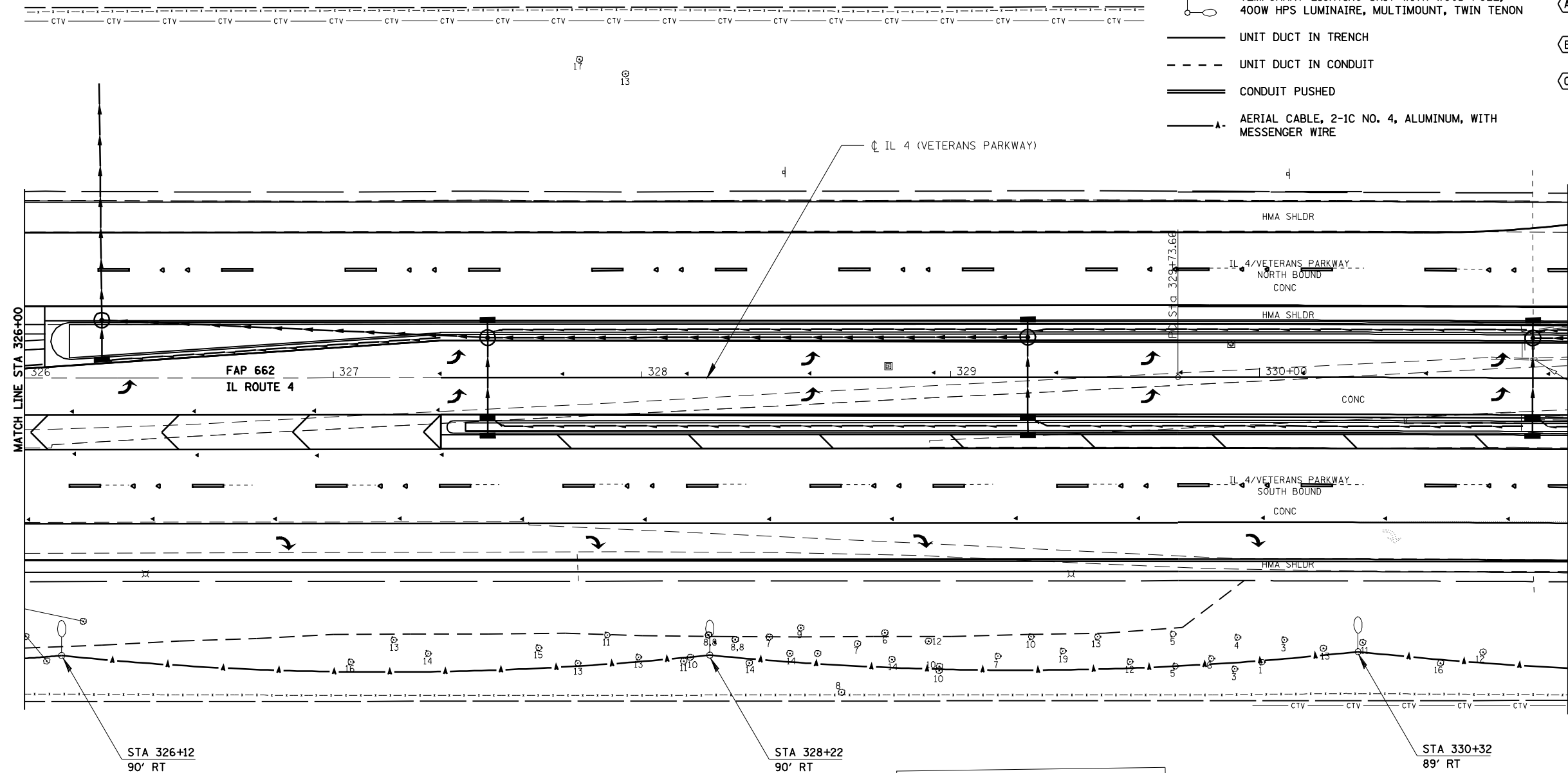


ELECTRICAL SYMBOLS LEGEND

- ELECTRIC SERVICE INSTALLATION
120/240V, ONE PHASE, FOUR WIRE
- PROPOSED LIGHTING CONTROLLER
- LIGHT POLE, ALUMINUM, 50 FT. M.H.,
15 FT. DAVIT ARM WITH 400W HPS LUMINAIRE
- TEMPORARY LIGHTING UNIT WITH WOOD POLE,
400W HPS LUMINAIRE, MULTIMOUNT
- TEMPORARY LIGHTING UNIT WITH WOOD POLE,
400W HPS LUMINAIRE, MULTIMOUNT, TWIN TENON
- UNIT DUCT IN TRENCH
- UNIT DUCT IN CONDUIT
- CONDUIT PUSHED
- AERIAL CABLE, 2-1C NO. 4, ALUMINUM, WITH
MESSENGER WIRE

CABLE/CONDUIT SCHEDULE

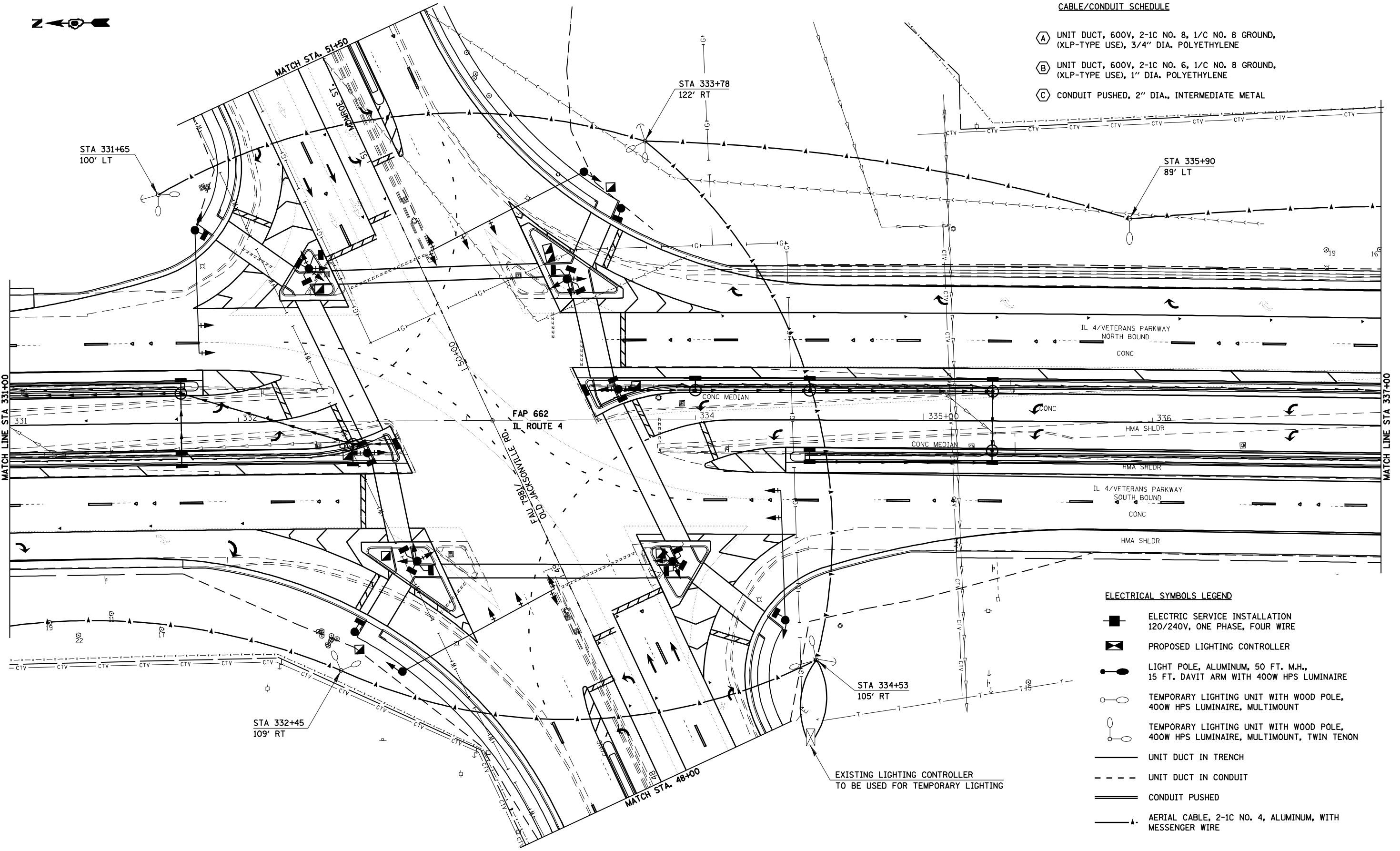
- (A)** UNIT DUCT, 600V, 2-1C NO. 8, 1/C NO. 8 GROUND,
(XLP-TYPE USE), 3/4" DIA. POLYETHYLENE
- (B)** UNIT DUCT, 600V, 2-1C NO. 6, 1/C NO. 8 GROUND,
(XLP-TYPE USE), 1" DIA. POLYETHYLENE
- (C)** CONDUIT PUSHED, 2" DIA., INTERMEDIATE METAL





CABLE/CONDUIT SCHEDULE

- (A) UNIT DUCT, 600V, 2-1C NO. 8, 1/C NO. 8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE
- (B) UNIT DUCT, 600V, 2-1C NO. 6, 1/C NO. 8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE
- (C) CONDUIT PUSHED, 2" DIA., INTERMEDIATE METAL



ELECTRICAL SYMBOLS LEGEND

- ELECTRIC SERVICE INSTALLATION 120/240V, ONE PHASE, FOUR WIRE
- PROPOSED LIGHTING CONTROLLER
- LIGHT POLE, ALUMINUM, 50 FT. M.H., 15 FT. DAVIT ARM WITH 400W HPS LUMINAIRE
- TEMPORARY LIGHTING UNIT WITH WOOD POLE, 400W HPS LUMINAIRE, MULTIMOUNT
- TEMPORARY LIGHTING UNIT WITH WOOD POLE, 400W HPS LUMINAIRE, MULTIMOUNT, TWIN TENON
- UNIT DUCT IN TRENCH
- UNIT DUCT IN CONDUIT
- CONDUIT PUSHED
- AERIAL CABLE, 2-1C NO. 4, ALUMINUM, WITH MESSENGER WIRE



JOB = 2200.4
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DESIGNED - NAK
 DRAWN - AJH
 CHECKED - NAK
 DATE - 11/6/2009

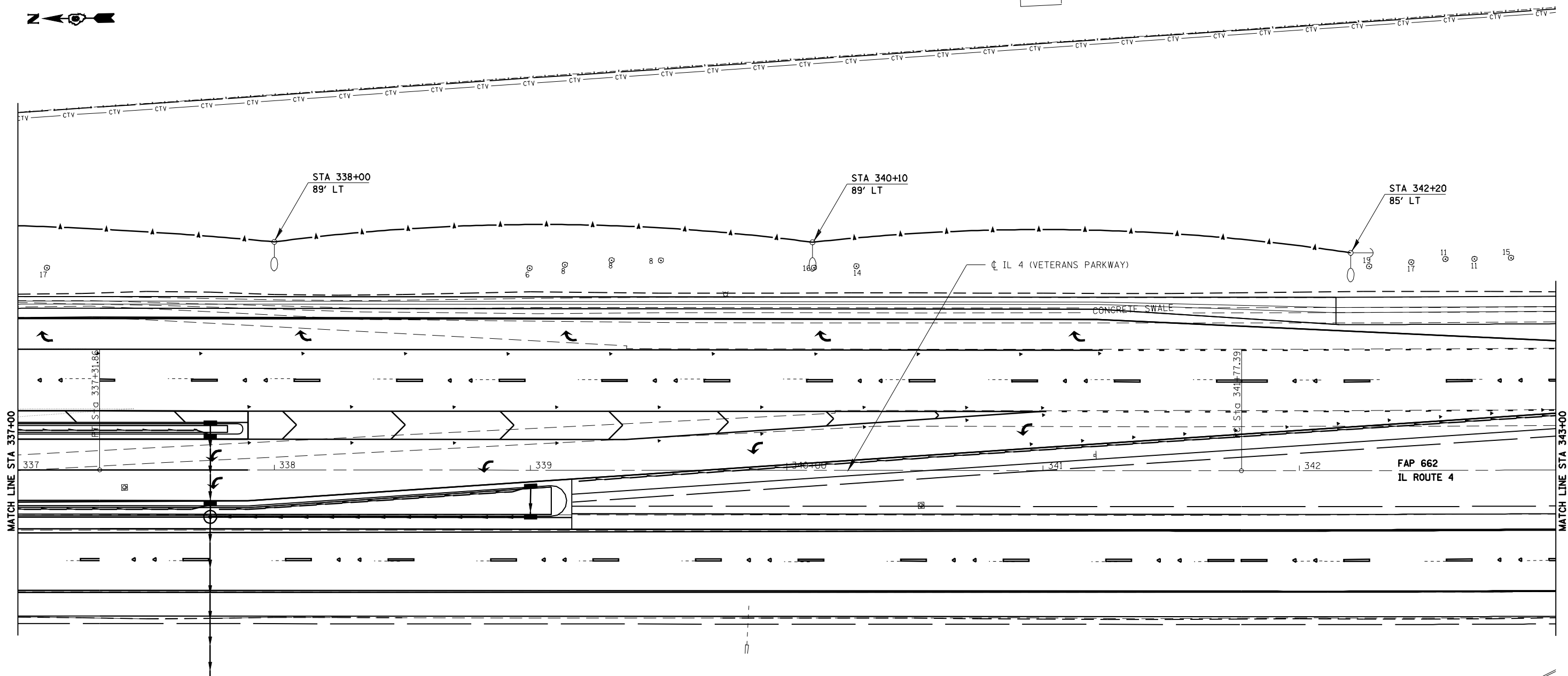
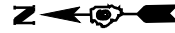
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TEMPORARY LIGHTING - IL 4 (VETERANS PARKWAY)

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	1700
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 72B99				



ELECTRICAL SYMBOLS LEGEND

- ELECTRIC SERVICE INSTALLATION
120/240V, ONE PHASE, FOUR WIRE
- PROPOSED LIGHTING CONTROLLER
- LIGHT POLE, ALUMINUM, 50 FT. M.H.,
15 FT. DAVIT ARM WITH 400W HPS LUMINAIRE
- TEMPORARY LIGHTING UNIT WITH WOOD POLE,
400W HPS LUMINAIRE, MULTIMOUNT
- TEMPORARY LIGHTING UNIT WITH WOOD POLE,
400W HPS LUMINAIRE, MULTIMOUNT, TWIN TENON
- UNIT DUCT IN TRENCH
- UNIT DUCT IN CONDUIT
- CONDUIT PUSHED
- AERIAL CABLE, 2-1C NO. 4, ALUMINUM, WITH
MESSENGER WIRE

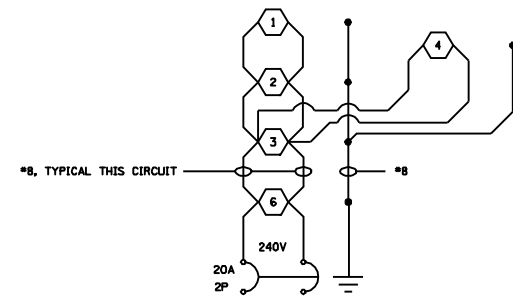
CABLE/CONDUIT SCHEDULE

- (A) UNIT DUCT, 600V, 2-1C NO. 8, 1/C NO. 8 GROUND,
(XLP-TYPE USE), 3/4" DIA. POLYETHYLENE
- (B) UNIT DUCT, 600V, 2-1C NO. 6, 1/C NO. 8 GROUND,
(XLP-TYPE USE), 1" DIA. POLYETHYLENE
- (C) CONDUIT PUSHED, 2" DIA., INTERMEDIATE METAL

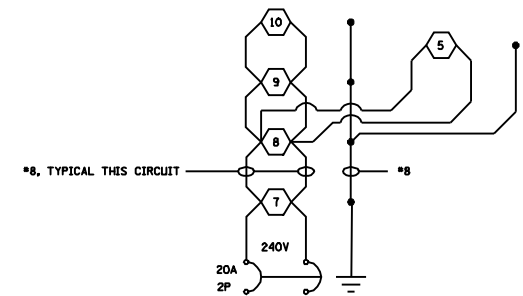
NOTES:

1. ALL NECESSARY REVISIONS TO THE WIRING SHOWN ON THIS SHEET SHALL BE MADE AT NO ADDITIONAL COST TO THE DEPARTMENT AND TO THE SATISFACTION OF THE ENGINEER.

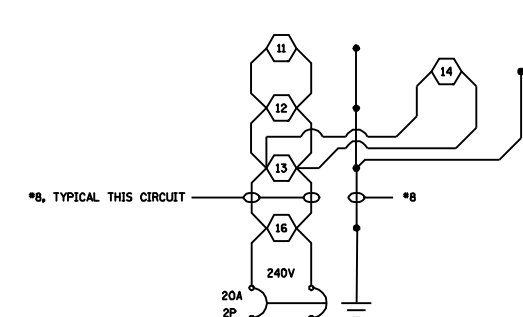
⬡ 400W ROADWAY LUMINAIRE



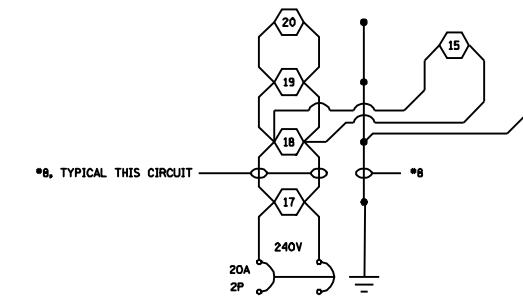
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PROPOSED LIGHTING CONTROLLER NO. 1



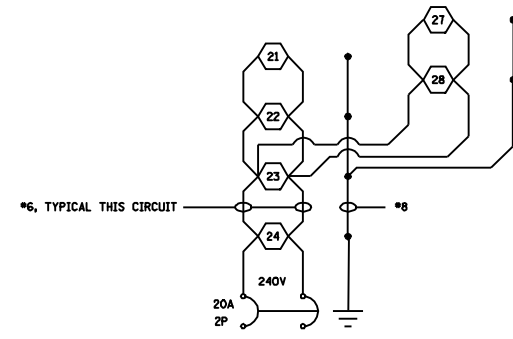
LIGHTING CKT 2
PROPOSED LIGHTING CONTROLLER NO. 1



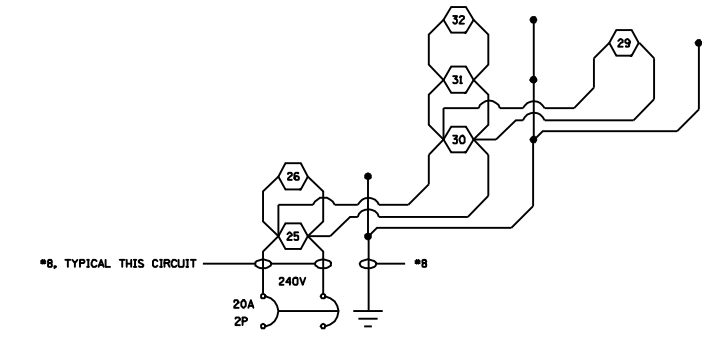
LIGHTING CKT 1
PROPOSED LIGHTING CONTROLLER NO. 2



LIGHTING CKT 2
PROPOSED LIGHTING CONTROLLER NO. 2

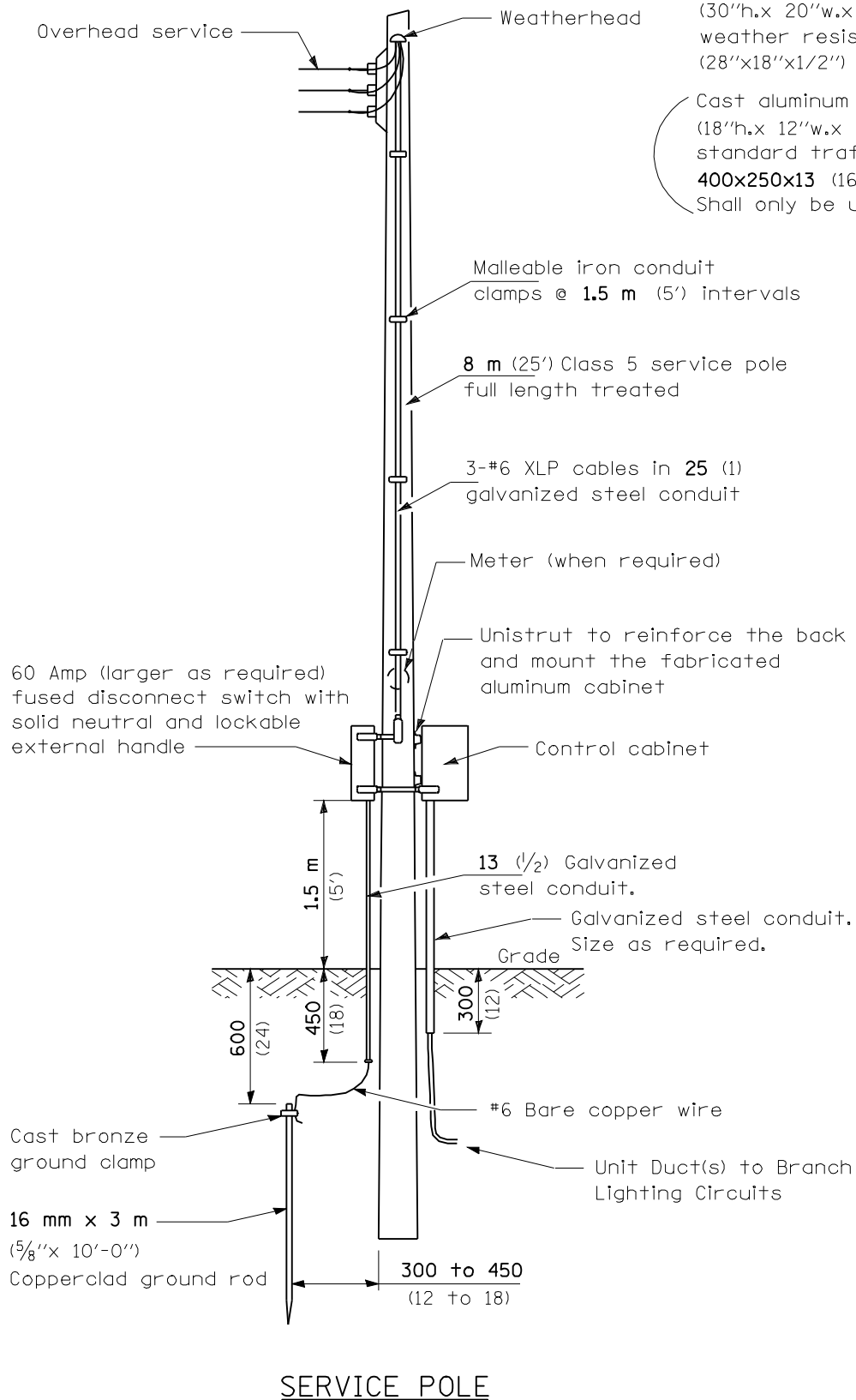


LIGHTING CKT 1
PROPOSED LIGHTING CONTROLLER NO. 3



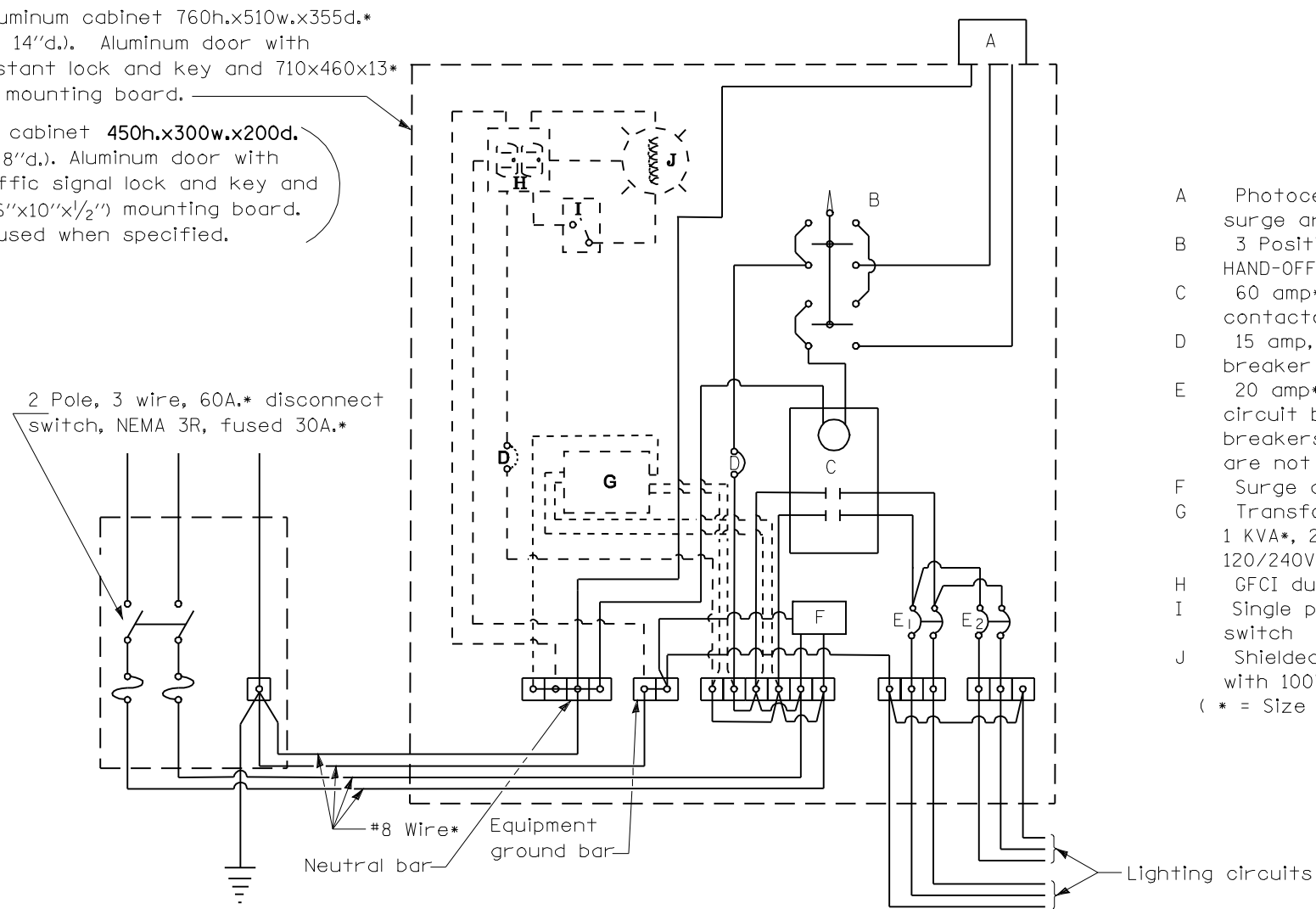
LIGHTING CKT 2
PROPOSED LIGHTING CONTROLLER NO. 3

120/240V., 1 PHASE, 3 WIRE SERVICE



SERVICE POLE

Fabricated aluminum cabinet 760h.x510w.x355d.* (30"h.x 20"w.x 14"d.). Aluminum door with weather resistant lock and key and 710x460x13* (28"x18"x1/2") mounting board.
 Cast aluminum cabinet 450h.x300w.x200d. (18"h.x 12"w.x 8"d.). Aluminum door with standard traffic signal lock and key and 400x250x13 (16"x10"x1/2") mounting board. Shall only be used when specified.



DISCONNECT SWITCH

PHOTOCELL RELAY

- A Photocell with integral surge arrester
 - B 3 Position selector switch HAND-OFF-AUTO
 - C 60 amp* electrically held contactor
 - D 15 amp, 1 pole, circuit breaker
 - E 20 amp*, 2 pole, branch circuit breaker. Two spare breakers are required but are not shown
 - F Surge arrestor
 - G Transformer (see notes), 1 KVA*, 240/480V primary, 120/240V sec, single phase
 - H GFCI duplex receptacle
 - I Single pole, single throw switch
 - J Shielded security fixture with 100W lamp
- (* = Size larger as needed)

GENERAL NOTES

Wiring shall be panel board fashion. All bends shall be right angles. All runs shall be vertical or parallel to panel board. Wires shall be grouped or laced.

All control installation components shall be U.L. listed.

Label equipment ground and neutral.

Locate service pole and control installation adjacent to R.O.W. line with a minimum distance of 9 m (30') from the edge of pavement. Exact location shall be established by the Engineer.

The total distance between the control installation and primary transformer shall not exceed 76 m (250').

For 480 V service, a step down transformer (dashed lines) is required.

Add receptacle, light, and switch in control cabinet, when specified.

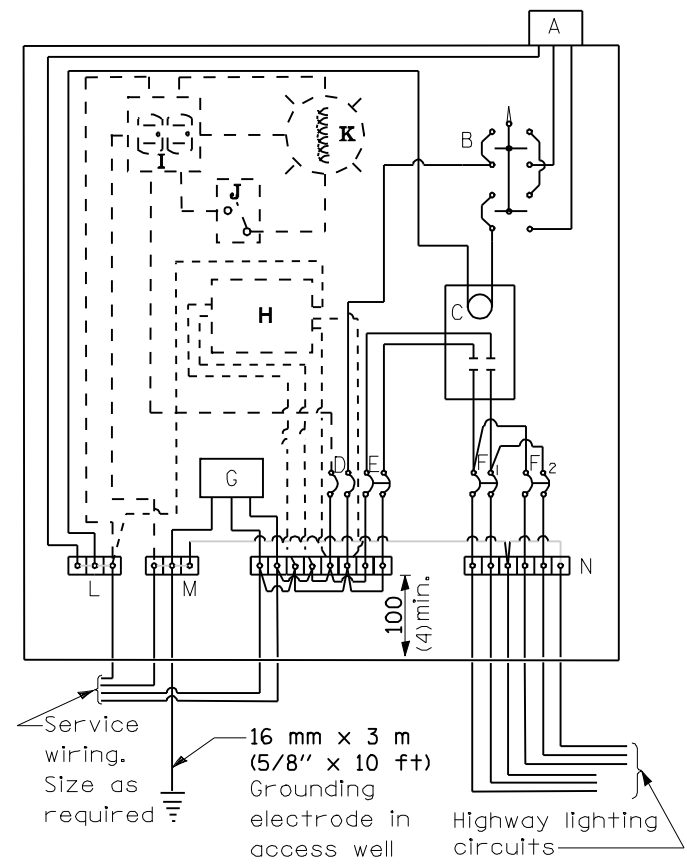
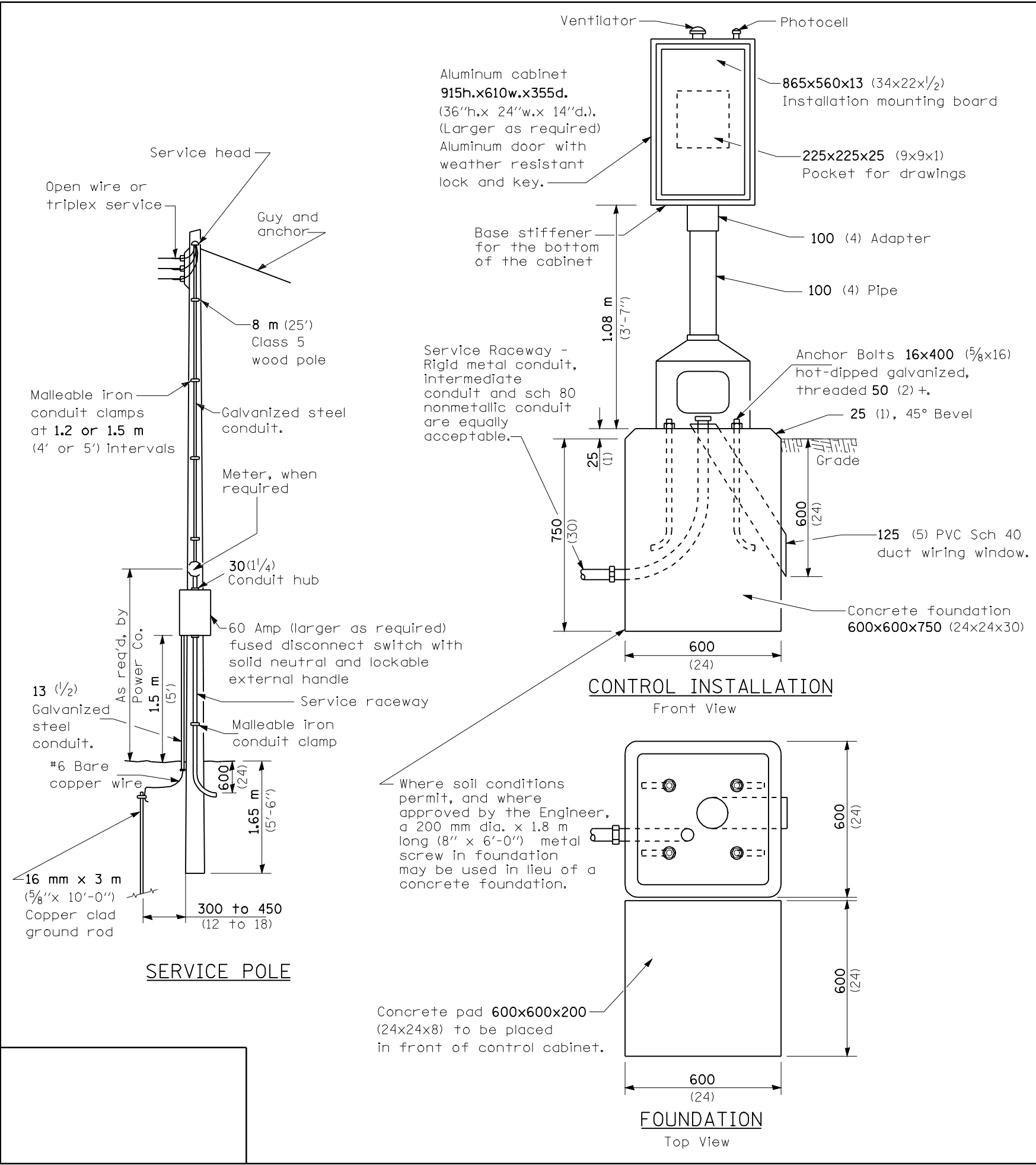
All dimensions are in millimeters (Inches) unless otherwise shown.

- 240 V. SERVICE
- 480 V. SERVICE

DATE	REVISIONS
	Corrected 1/19/06
1/17/08	Service disconnect
2/3/08	SA wiring, cabinet notes

**CONTROL INSTALLATION
Service Pole Mounted**

LGT003.DGN



MATERIALS

- A Photocell w/ integral surge arrester (remote mount in urban areas)
 - B 3 position selector switch HAND-OFF-AUTO
 - C 2 pole, 100 amp*, electrically held contactor, 120V operating coil
 - D 15 amp, 1 pole, circuit breaker
 - E 60 amp*, 2 pole, main circuit breaker
 - F 20 amp*, 2 pole, branch circuit breaker (typ). 2 spare c.b. required but not shown
 - G Surge arrester
 - H Transformer (see notes), 1 KVA*, 240/480V primary, 120/240V sec, single phase
 - I GFCI duplex receptacle
 - J Single pole, single throw switch
 - K Shielded security fixture with 100W lamp
 - L Neutral bar
 - M Equipment ground bar
 - N Terminal block (typ)
- (* = Size larger as needed)

GENERAL NOTES

Locate service pole and control installation adjacent to R.O.W. line with a minimum distance of 9 m (30') from the edge of pavement. Locate in close proximity to the utility transformer so the service drop does not exceed 46 m (150ft) and the total distance of overhead and underground cable (utility transformer to lighting controller) does not exceed 76 m (250ft). Exact location shall be established by the Engineer.

Wiring shall be panel board fashion. All bends shall be right angles. All runs shall vertical or parallel to panel board. Wires shall be grouped or laced.

All control installation components shall be U.L. listed.

Add receptacle, light, and switch in control cabinet, when specified.

For 480 V service, a step down transformer (dashed lines) is required. Raceways shall terminate 75 (3) above top of concrete foundation.

Label equipment ground buss and neutral buss.

- 240 V. SERVICE
- 480 V. SERVICE

All dimensions are in millimeters (inches) unless otherwise shown.

DATE	REVISIONS
1/20/06	Corrected
1/31/08	Cabinet size increased
2/3/09	Surge arrester wiring

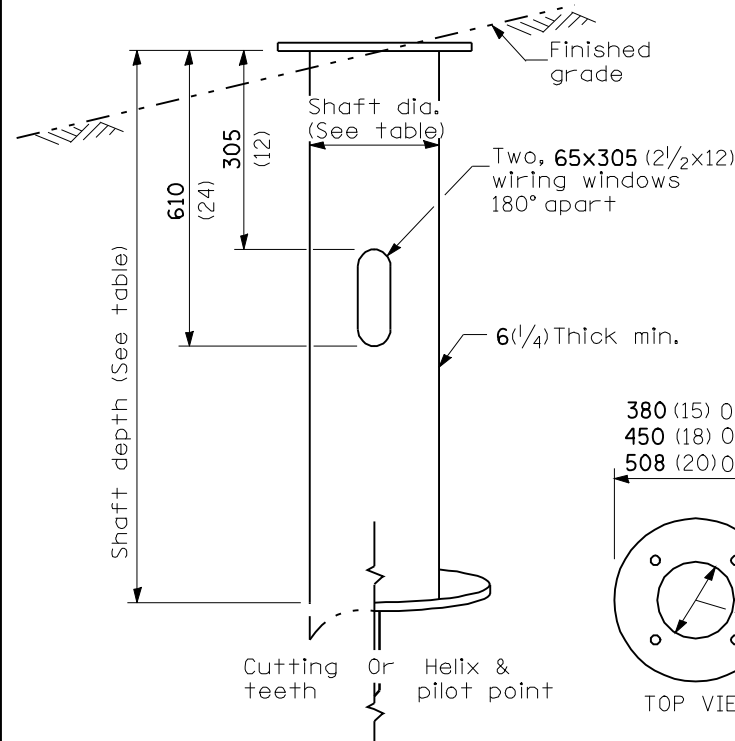
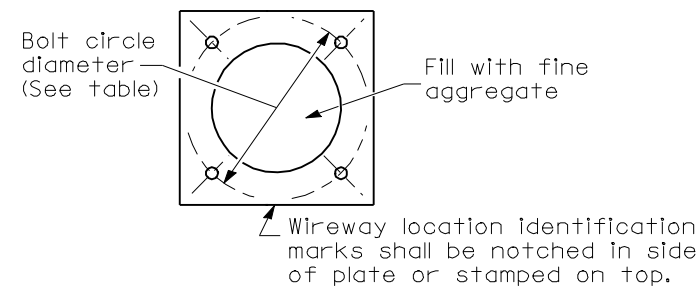
CONTROL INSTALLATION
Pedestal Mount Cabinet

LGT006.DGN

SHEET 170U

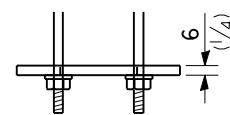
LIGHT POLE MOUNTING HEIGHT	BOLT CIRCLE DIAMETER	STEEL FOUNDATION			CONCRETE FOUNDATION		
		SHAFT DIAMETER	SHAFT DEPTH	TOP PLATE (min)	SHAFT DIAMETER	SHAFT DEPTH	ANCHOR ROD LENGTH ①
<9.1 m (30')	292 (11.5)	220 (8 5/8)	1.83 m (6')	300 x 300 x 25 12 x 12 x 1	610 (24)	1.52 m (5'-0")	1.45 m (4'-9")
9.4 m - 10.7 m (31'-35')	292 (11.5)	220 (8 5/8)	1.83 m (6')	300 x 300 x 25 12 x 12 x 1	610 (24)	1.67 m (5'-6")	1.60 m (5'-3")
10.9 m - 12.2 m (36'-40')	381 (15) ③	220 (8 5/8)	1.83 m (6') ②	375 x 375 x 31 15 x 15 x 1 1/4	762 (30)	1.83 m (6'-0")	1.75 m (5'-9")
12.5 m - 13.7 m (41'-45')	381 (15) ③	220 (8 5/8)	1.83 m (6') ②	375 x 375 x 31 15 x 15 x 1 1/4	762 (30)	1.98 m (6'-6")	1.90 m (6'-3")
14.0 m - 15.2 m (46'-50')	381 (15) ③	220 (8 5/8)	2.44 m (8')	375 x 375 x 31 15 x 15 x 1 1/4	762 (30)	2.13m (7'-0")	2.00 m (6'-9")

- ① Length does not include 100(4)hook
 ② 220 mm x 2.44 m (8 5/8" x 8'-0") for Twin luminaires
 ③ Bolt circle diam. shall be 430 (17) when a TB3-17 transformer base is used



STEEL FOUNDATION

RING PLATE DETAIL
 (When rock is encountered and foundation is shallower)



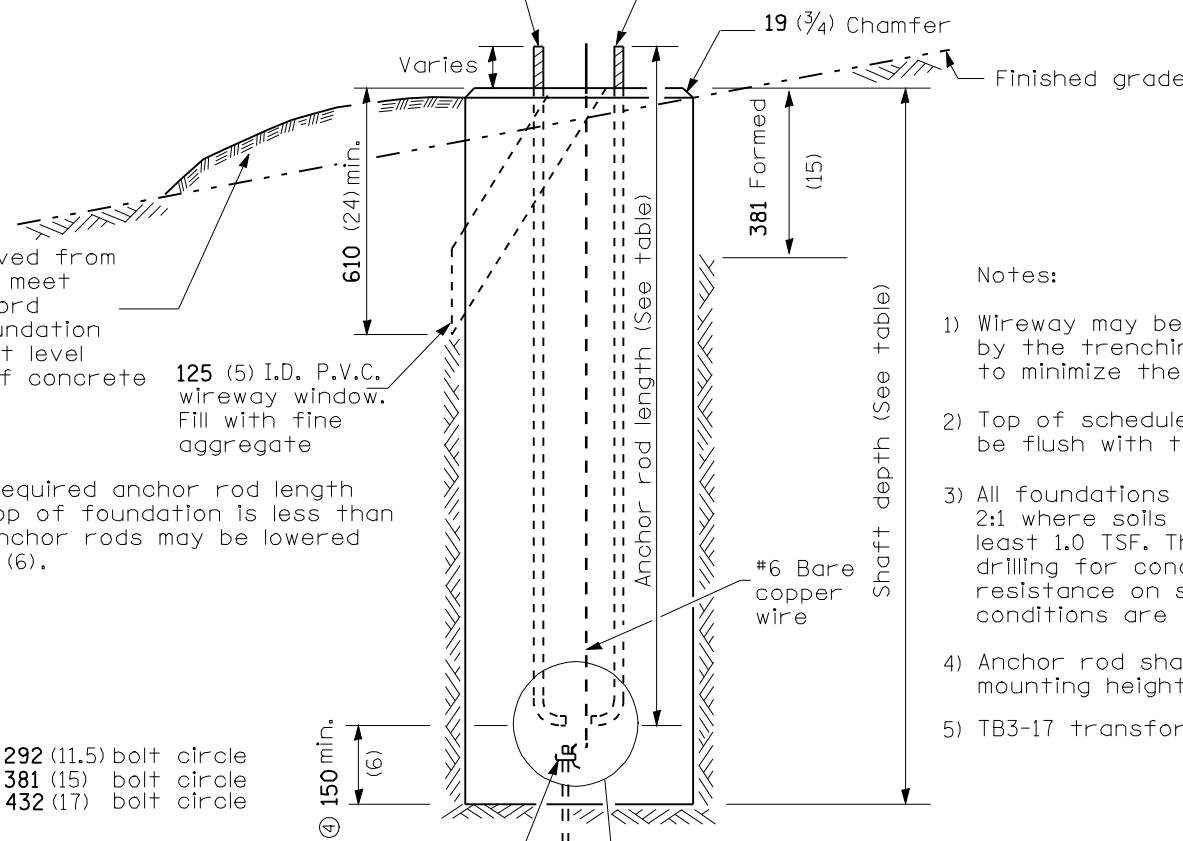
Length above foundation shall be adjusted to accommodate breakaway devices furnished by the contractor for a specific installation.

Use dirt removed from foundation to meet 1.52m (5 ft.) chord fill around foundation top. Grade dirt level with bottom of concrete chamfer.

- ④ If the required anchor rod length above top of foundation is less than 75 (3), anchor rods may be lowered below 150 (6).

Cast bronze clamp
 16 mm x 3 m (5/8" x 10') Copperclad grounding electrode. When foundation is set in rock, install ground electrode in cable trench.

CONCRETE FOUNDATION



Notes:

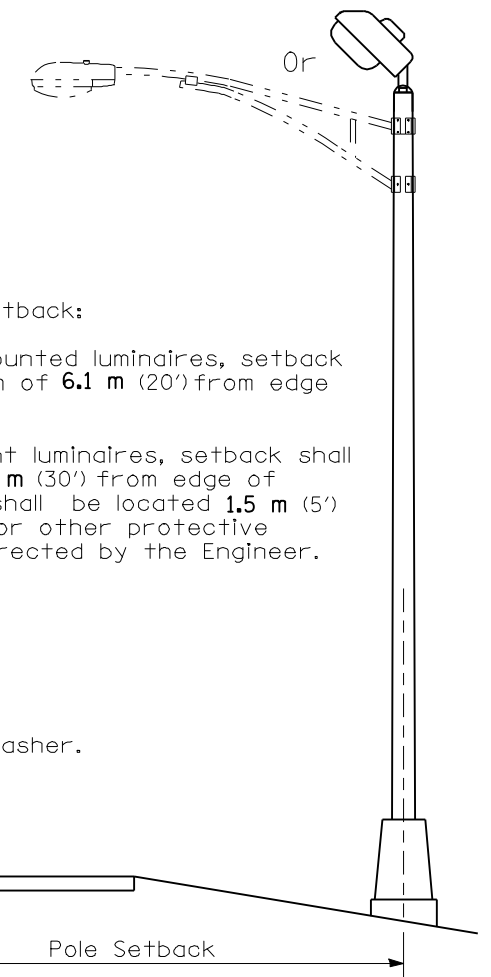
- Wireway may be on front, back or side of foundation as required by the trenching. Place door of transformer base on wireway side to minimize the number of unit duct bends.
- Top of schedule 40 125 (5) I.D. PVC wiring window, shall be flush with the top of foundation for drainage.
- All foundations are designed to be located on slopes not exceeding 2:1 where soils have an unconfined compressive strength of at least 1.0 TSF. The contractor shall verify the soil strength during drilling for concrete foundations or by monitoring installation resistance on steel foundations and notify the engineer if other conditions are encountered.
- Anchor rod shall be increased to 31 (1 1/4) diameter for 15.24 (50') mounting height or above.
- TB3-17 transformer base is not to be used on metal foundation

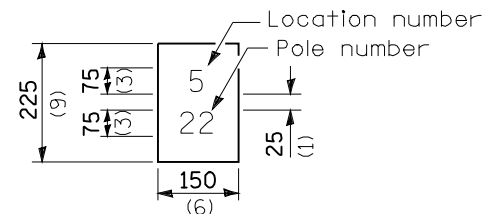
All dimensions are in millimeters (inches) unless otherwise shown.

DATE	REVISIONS
10/7/02	Bridge Office depth calc.

LIGHT POLE FOUNDATION

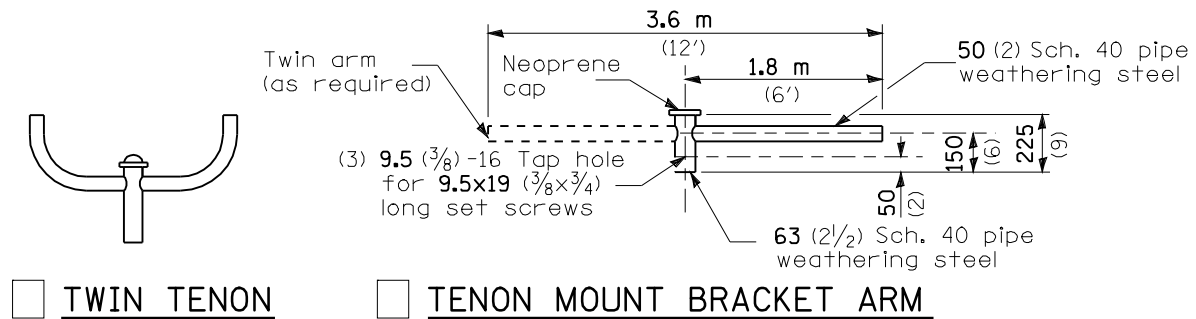
LGT007-836





The contractor shall furnish and install a light pole identification of each new light pole, as shown above, incidental to the respective light pole pay item. The numerals shall be 75 (3) series "D", black, screened on silver-white type B pressure sensitive reflective sheeting conforming to the requirements of section T602.01 of the Standard Specifications for Traffic Control Items. The numerals shall conform to the FHWA "Standard Alphabets for Highway Signs".

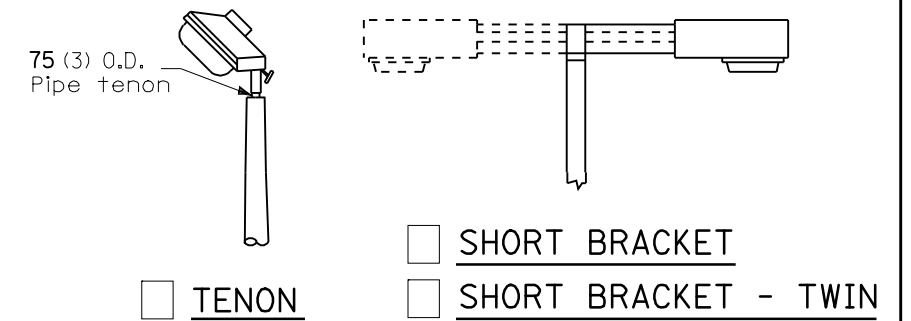
The light pole identification shall be applied to sign base material as specified in section 1069.06 of the Standard Specifications, approximately 180 (7) above the adjacent pavement grade visible to approaching traffic in accordance with Highway Standard 720001.



TWIN TENON

TENON MOUNT BRACKET ARM

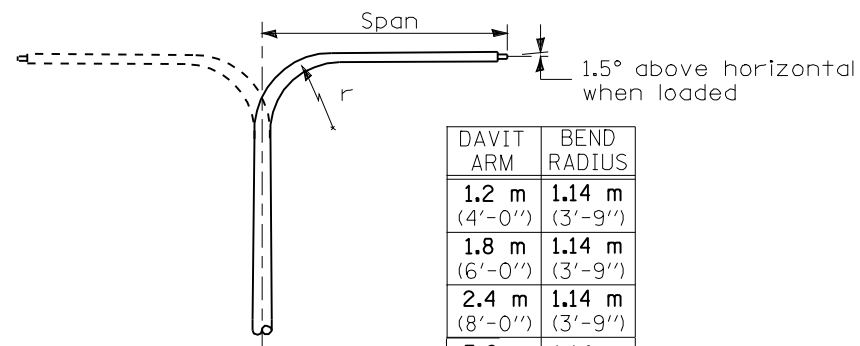
NOTE: Single or twin arm assembly shall be tilted 3° above horizontal.



TENON

SHORT BRACKET

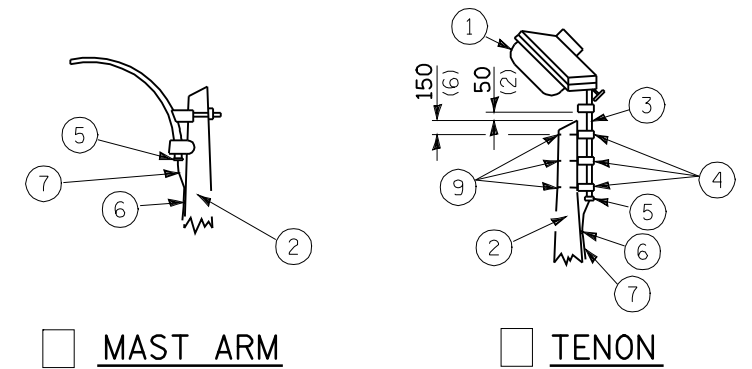
SHORT BRACKET - TWIN



DAVIT ARM

DAVIT ARM-TWIN

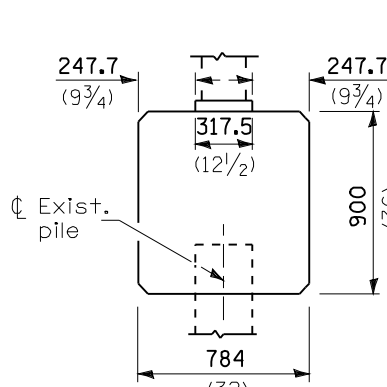
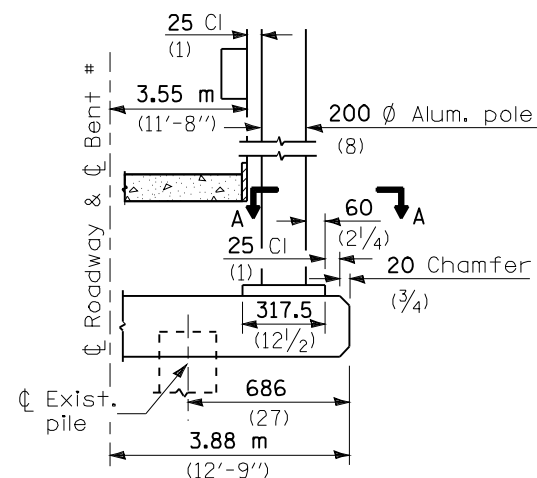
DAVIT ARM	BEND RADIUS
1.2 m (4'-0")	1.14 m (3'-9")
1.8 m (6'-0")	1.14 m (3'-9")
2.4 m (8'-0")	1.14 m (3'-9")
3.6 m (12'-0")	1.14 m (3'-9")



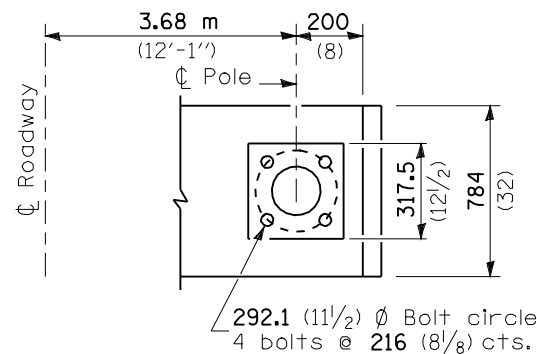
MAST ARM

TENON

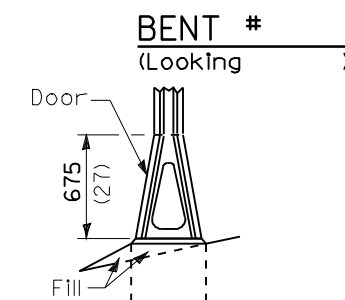
- ① Luminaire
- ② Wood pole, class 3 or better
- ③ 63 (2 1/2) Galv. steel conduit
- ④ Single offset pole band
- ⑤ Conduit bushing
- ⑥ Cable clamps on 600 (24) centers
- ⑦ 2/c #12 Type use cable
- ⑧ 25 (1) Galv. steel conduit 3.0 m (10') in length
- ⑨ 16 (5/8) Ø hot dipped galvanized bolt with flat washer & locknut (3 req'd)
- ⑩ Conduit clamps on 900 (36) centers
- ⑪ Unit duct
- ⑫ Threaded reducer
- ⑬ "C" Condulet, threaded
- ⑭ 40 (1 1/2) Galv. steel conduit for 1 unit duct or 75 (3) galv. steel conduit for 2 or 3 unit ducts.



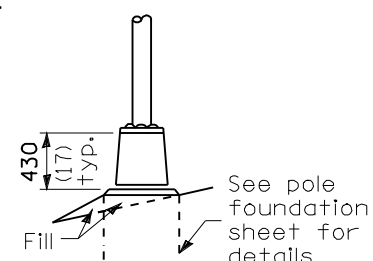
BRIDGE PIER MOUNT



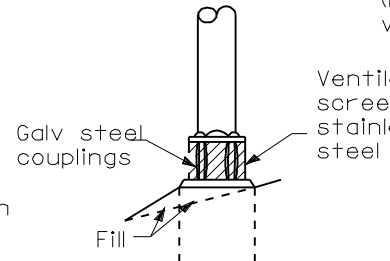
SECTION A-A



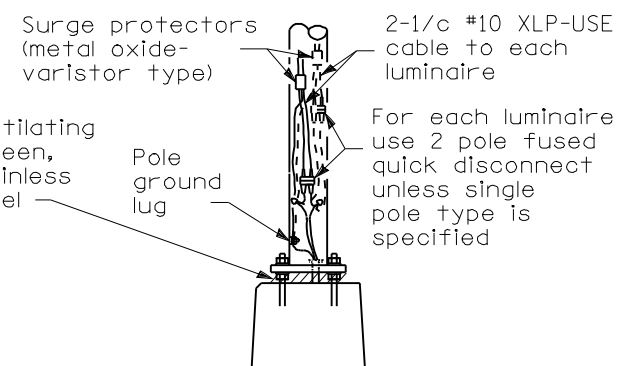
STAINLESS STEEL FLAIR BASE



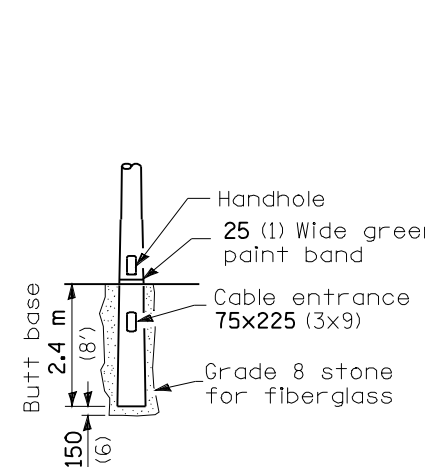
TRANSFORMER BASE



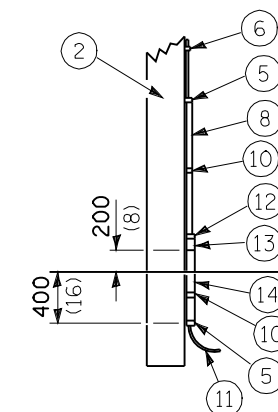
BREAKAWAY COUPLING



ANCHOR



BUTT BASE



POLE, WOOD

POLE LENGTH	DEPTH IN GROUND
19.8 m (65')	3.6 m (12')
18.0 m (60')	3.0 m (10')
16.8 m (55')	2.7 m (9')
16.0 m (50')	2.4 m (8')
13.7 m (45')	2.1 m (7')
12.0 m (40')	2.0 m (6.5')
10.7 m (35')	1.8 m (6')
9.0 m (30')	1.7 m (5.5')

All dimensions are in millimeters (inches) unless otherwise shown.

FRANGIBLE

METAL

OR

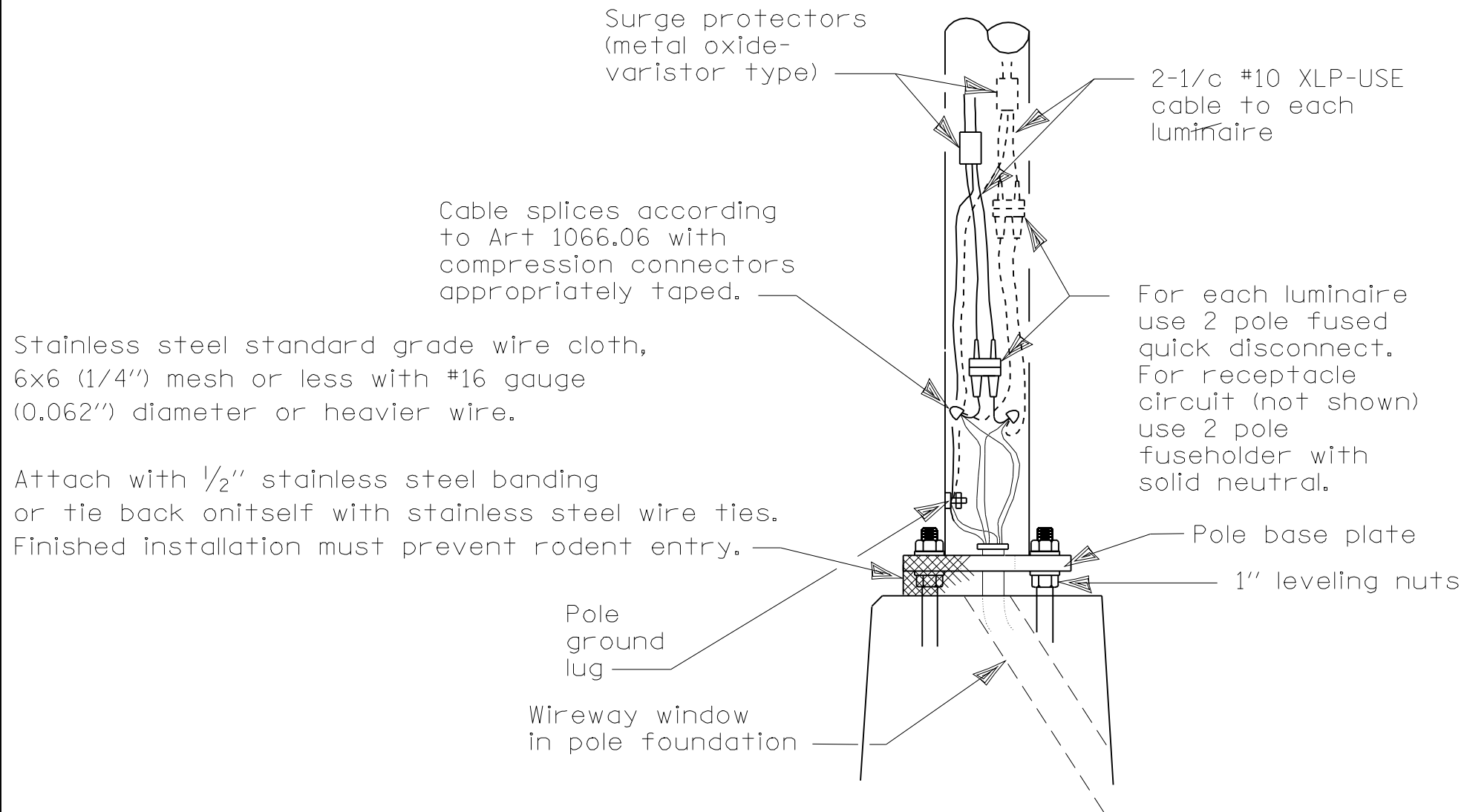
CONCRETE

Details for underground distribution if required

DATE	REVISIONS
	Corrected 6/24/09

POLE STANDARDS

LGTO08.M32



Stainless steel standard grade wire cloth,
6x6 (1/4") mesh or less with #16 gauge
(0.062") diameter or heavier wire.

Attach with 1/2" stainless steel banding
or tie back on itself with stainless steel wire ties.
Finished installation must prevent rodent entry.

Cable splices according
to Art 1066.06 with
compression connectors
appropriately taped.

2-1/2" #10 XLP-USE
cable to each
luminaire

For each luminaire
use 2 pole fused
quick disconnect.
For receptacle
circuit (not shown)
use 2 pole
fuseholder with
solid neutral.

Pole base plate

1" leveling nuts

Pole
ground
lug

Wireway window
in pole foundation

WIRING DETAIL

NO SCALE

GENERAL NOTES

All taped splices shall use 2 layers of electrical tape
over 3 layers of rubber tape as required by the
Standard Specifications. Coat the finished taped
splice with bonding compound.

All cable splices shall be taped unless another method
has been specifically approved by the Engineer.

For example purposes the pole is shown on an anchor base.
If the pole is required to be set on a breakaway base,
consult the Standard Specifications.

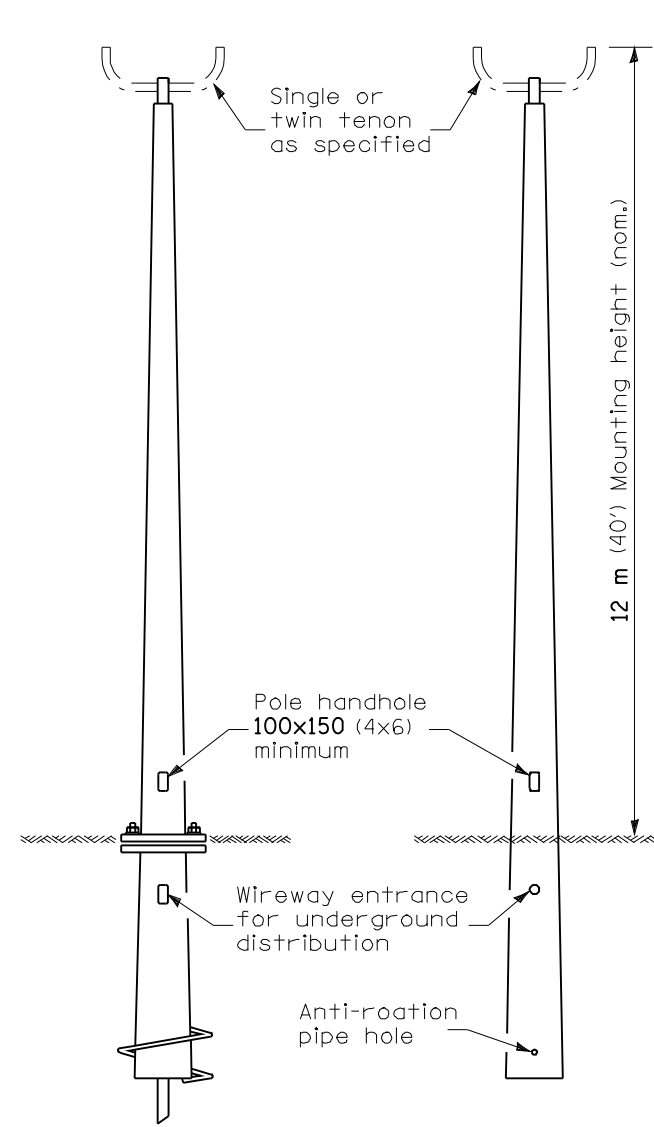
All dimensions are in millimeters (inches)
unless otherwise shown.

DATE	REVISIONS
7/31/08	Updated

POLE HANDHOLE WIRING

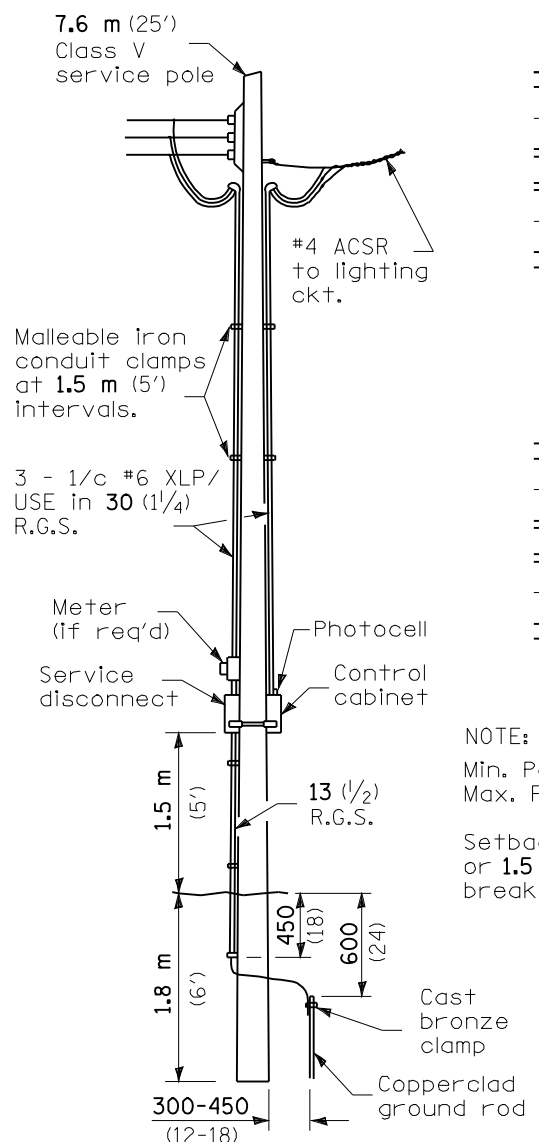
LGTO08A.DGN

SHEET 170X

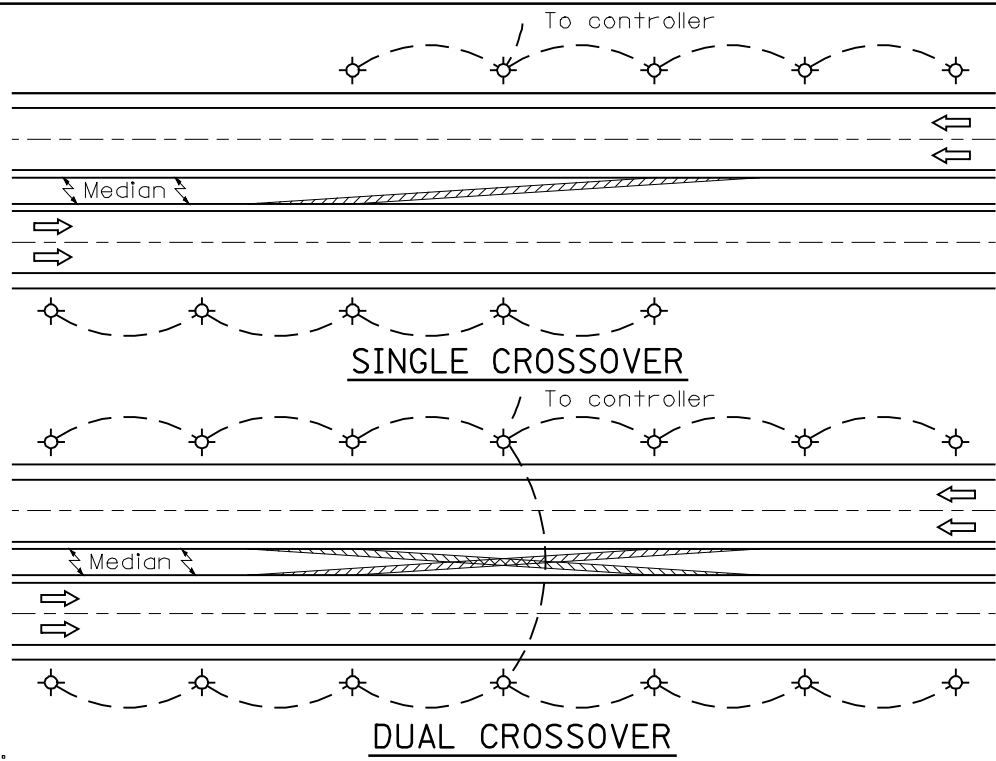


**ANCHOR BASE W/
METAL FOUNDATION** **BUTT BASE**

**POLE, FIBERGLASS
BREAKAWAY TYPE**



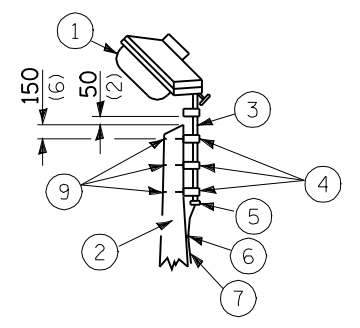
**SERVICE
INSTALLATION**



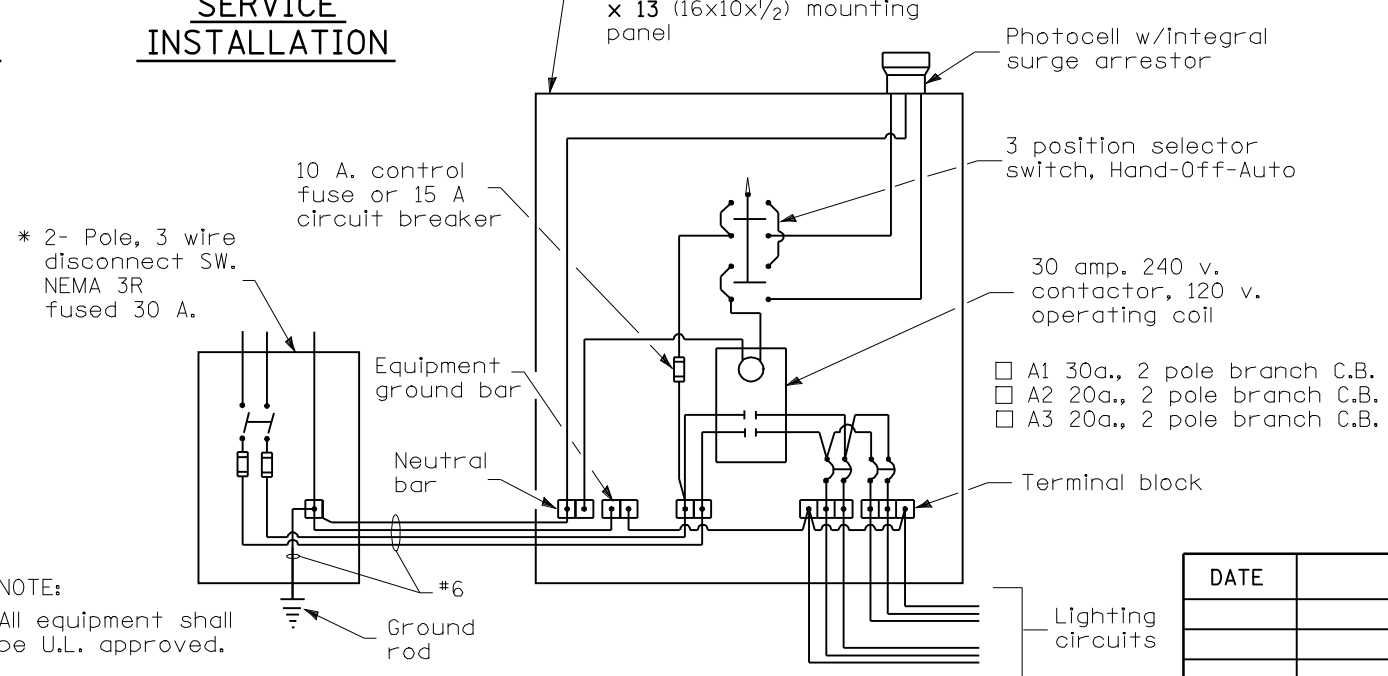
NOTE:
Min. Pole spacing 60 m (200')
Max. Pole spacing 75 m (250')
Setback shall be min. 9 m (30')
or 1.5 m (5') back of ditch, unless
breakaway type pole is used.

- ① Luminaire
- ② Wood pole, class 3 or better
- ③ 63 (2 1/2) Galv. steel conduit
- ④ Single offset pole band
- ⑤ Conduit bushing
- ⑥ Cable clamps on 600 (24) centers
- ⑦ 2/c #12 Type USE cable
- ⑧ 25 (1) Galv. steel conduit 3.0 m (10') in length

NOTE:
Luminaire(s) shall have a 2-pole inline weatherproof quick disconnect fuse holder.
Luminaire(s) shall be oriented and the mounting angle adjusted as recommended by the Engineer.
Connect luminaire equipment ground to ACSR messenger.

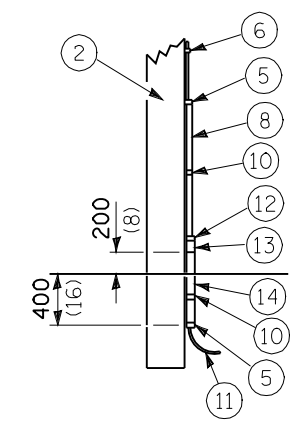


- ⑨ 16 (5/8) Ø hot dipped galvanized bolt with flat washer & locknut (3 req'd)
- ⑩ Conduit clamps on 900 (36) centers
- ⑪ Unit duct
- ⑫ Threaded reducer
- ⑬ "C" Condulet, threaded
- ⑭ 40 (1 1/2) Galv. steel conduit for 1 unit duct or 75 (3) galv. steel conduit for 2 or 3 unit ducts.



WIRING DIAGRAM

NOTE:
All equipment shall be U.L. approved.
* 30 A. or 60 A., dependent upon utility co. rules.



POLE, WOOD

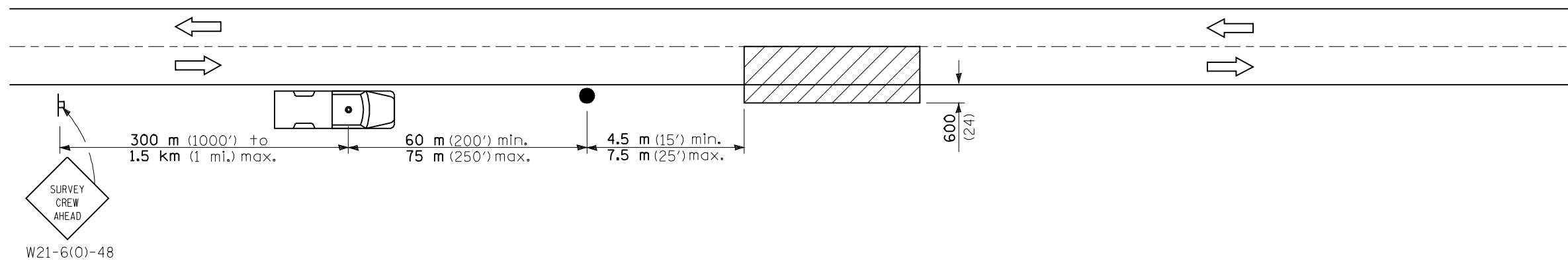
POLE LENGTH	DEPTH IN GROUND
19.8 m (65')	3.6 m (12')
18.0 m (60')	3.0 m (10')
16.8 m (55')	2.7 m (9')
16.0 m (50')	2.4 m (8')
13.7 m (45')	2.1 m (7')
12.0 m (40')	2.0 m (6.5')
10.7 m (35')	1.8 m (6')
9.0 m (30')	1.7 m (5.5')

All dimensions are in millimeters (inches) unless otherwise shown.

DATE	REVISIONS

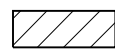
**TEMPORARY
ROADWAY LIGHTING**

LGT014.M32



W21-6(0)-48

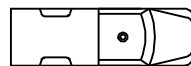
SYMBOLS



Work area



Sign on portable or permanent support



Truck with flashing amber light and dual emergency flashers



Flagger with traffic control sign

TYPICAL APPLICATIONS
Utility operations

All dimensions are in millimeters (inches) unless otherwise shown.

DATE	REVISIONS

DETAIL FOR
NIGHTTIME LIGHTING
INSPECTION

LGT017.M32

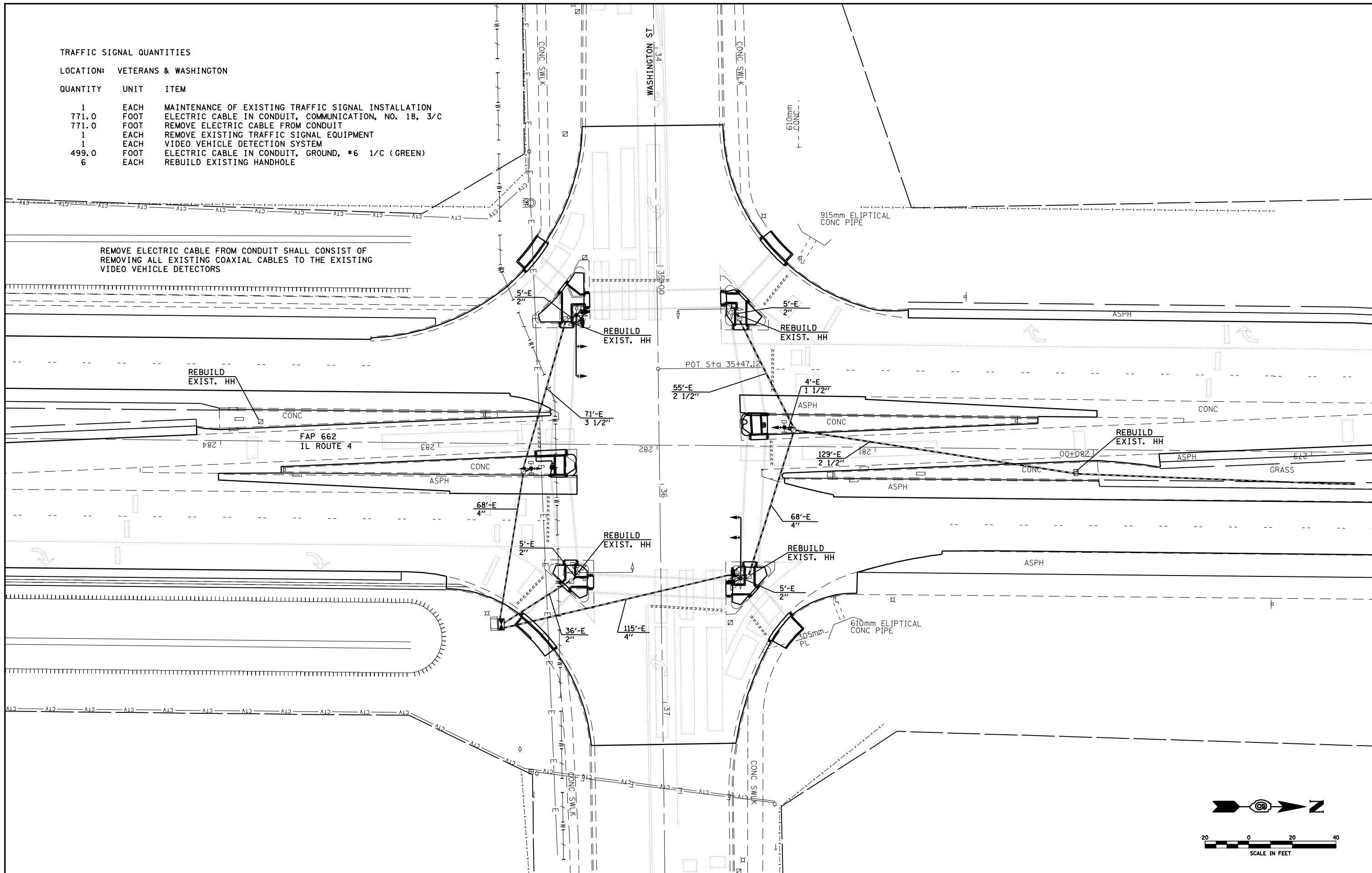
SHEET 170Z

TRAFFIC SIGNAL QUANTITIES

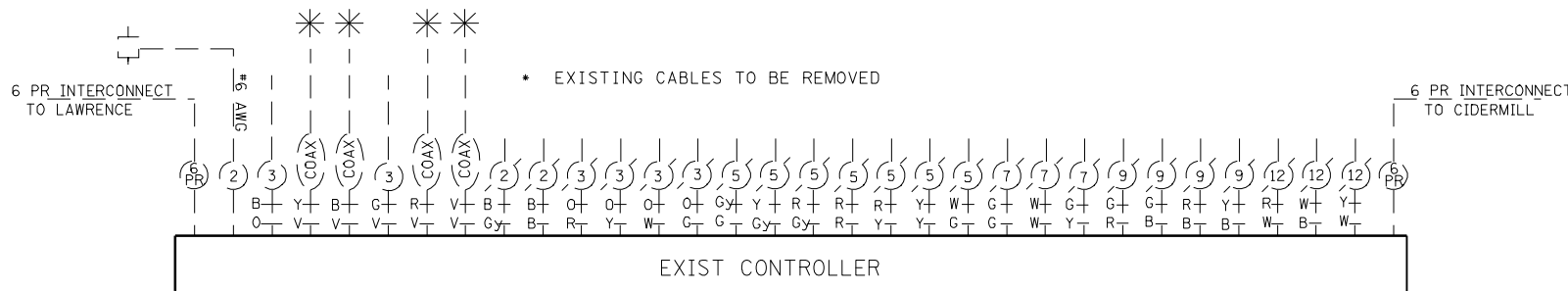
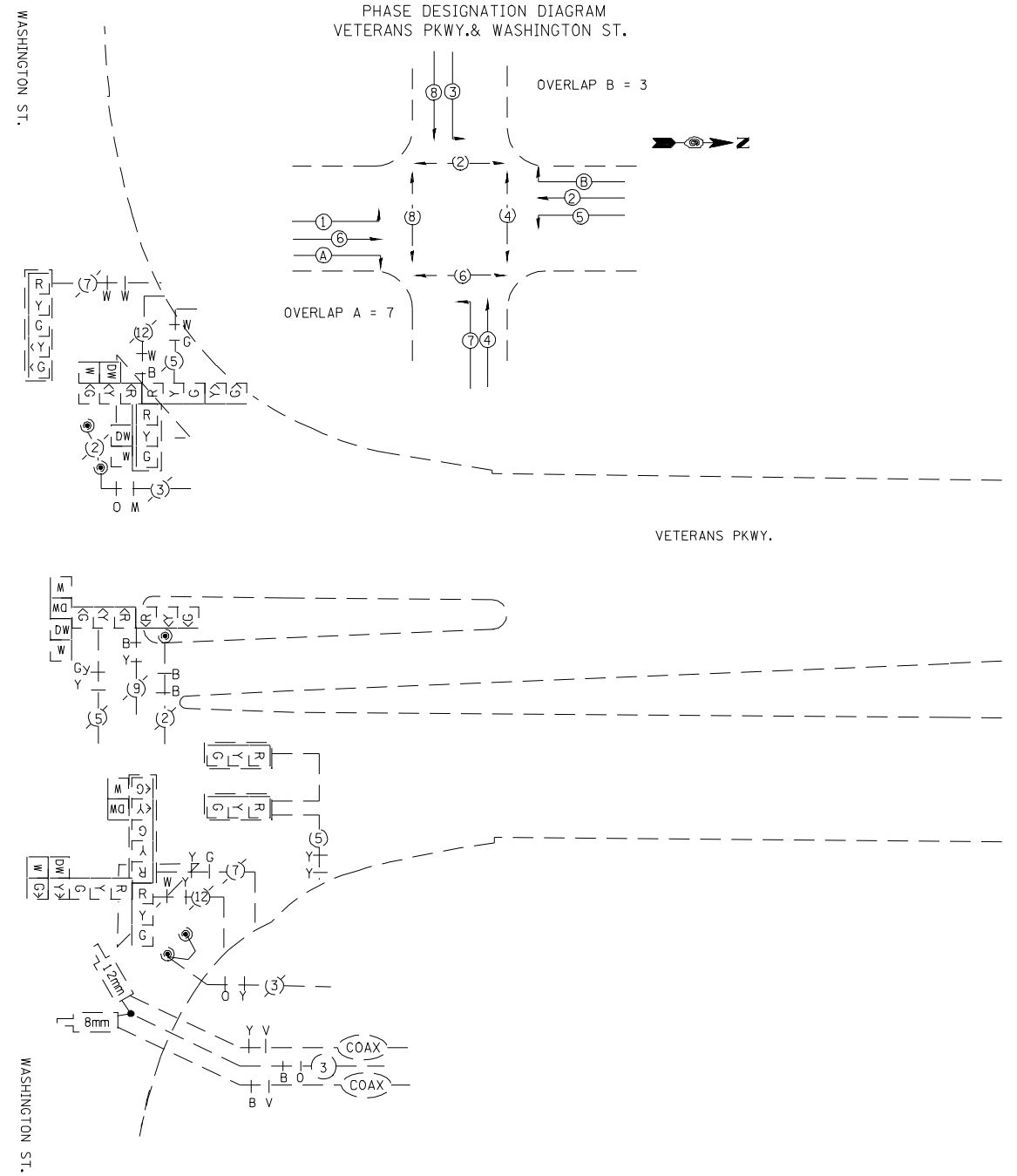
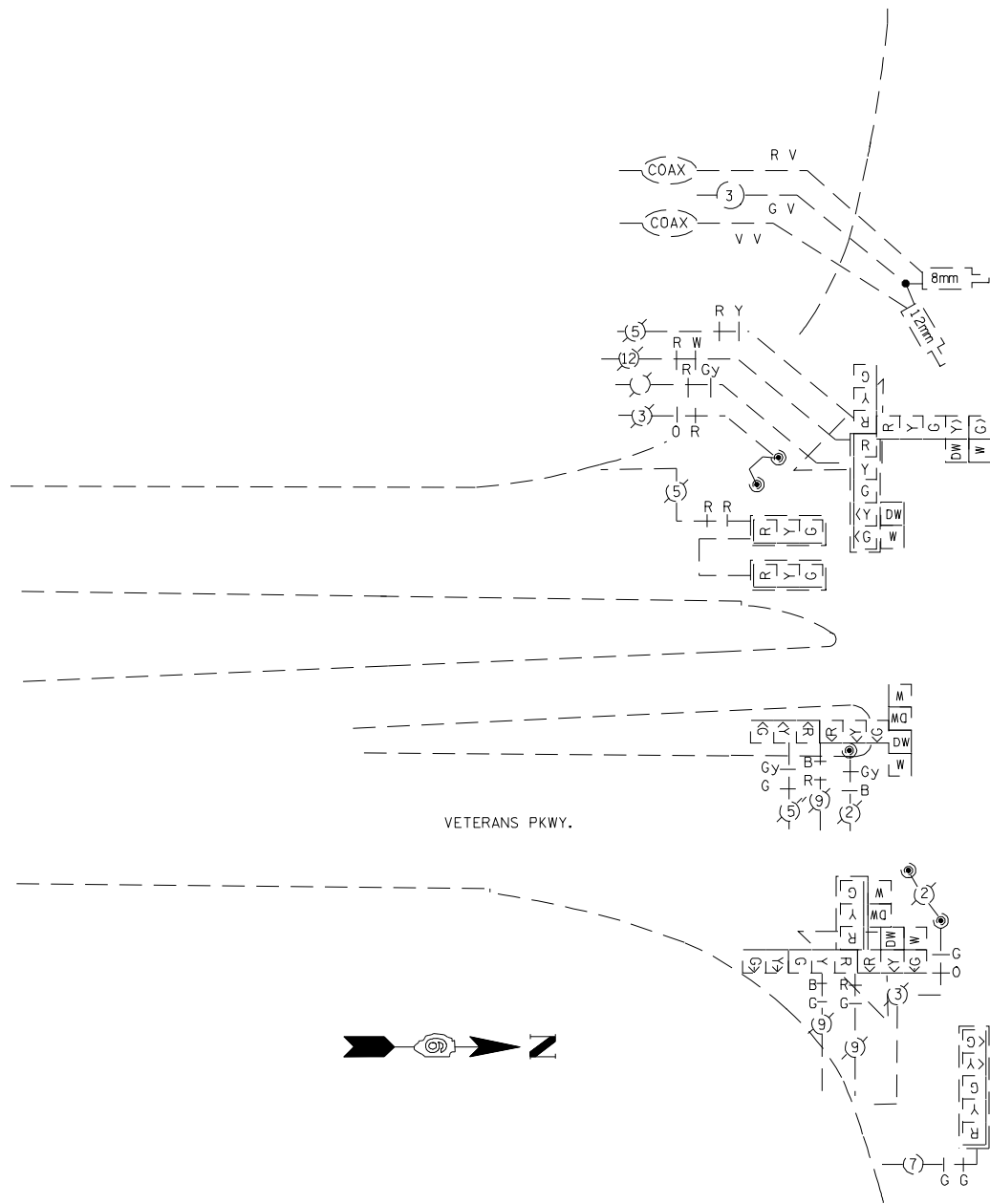
LOCATION: VETERANS & WASHINGTON

QUANTITY	UNIT	ITEM
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
771.0	FOOT	ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 18, 3/C
771.0	FOOT	REMOVE ELECTRIC CABLE FROM CONDUIT
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	VIDEO VEHICLE DETECTION SYSTEM
499.0	FOOT	ELECTRIC CABLE IN CONDUIT, GROUND, #6 1/C (GREEN)
6	EACH	REBUILD EXISTING HANDHOLE

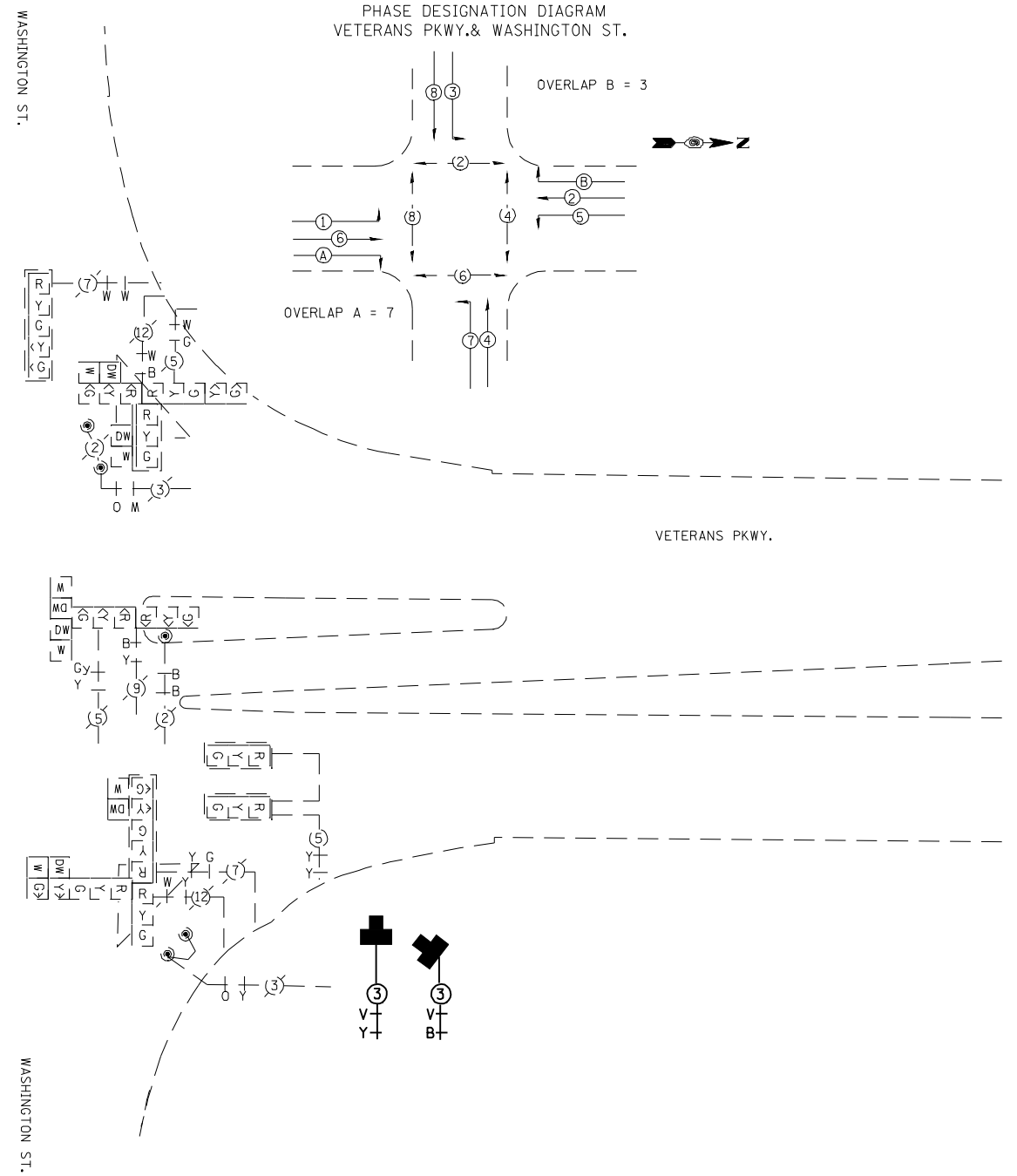
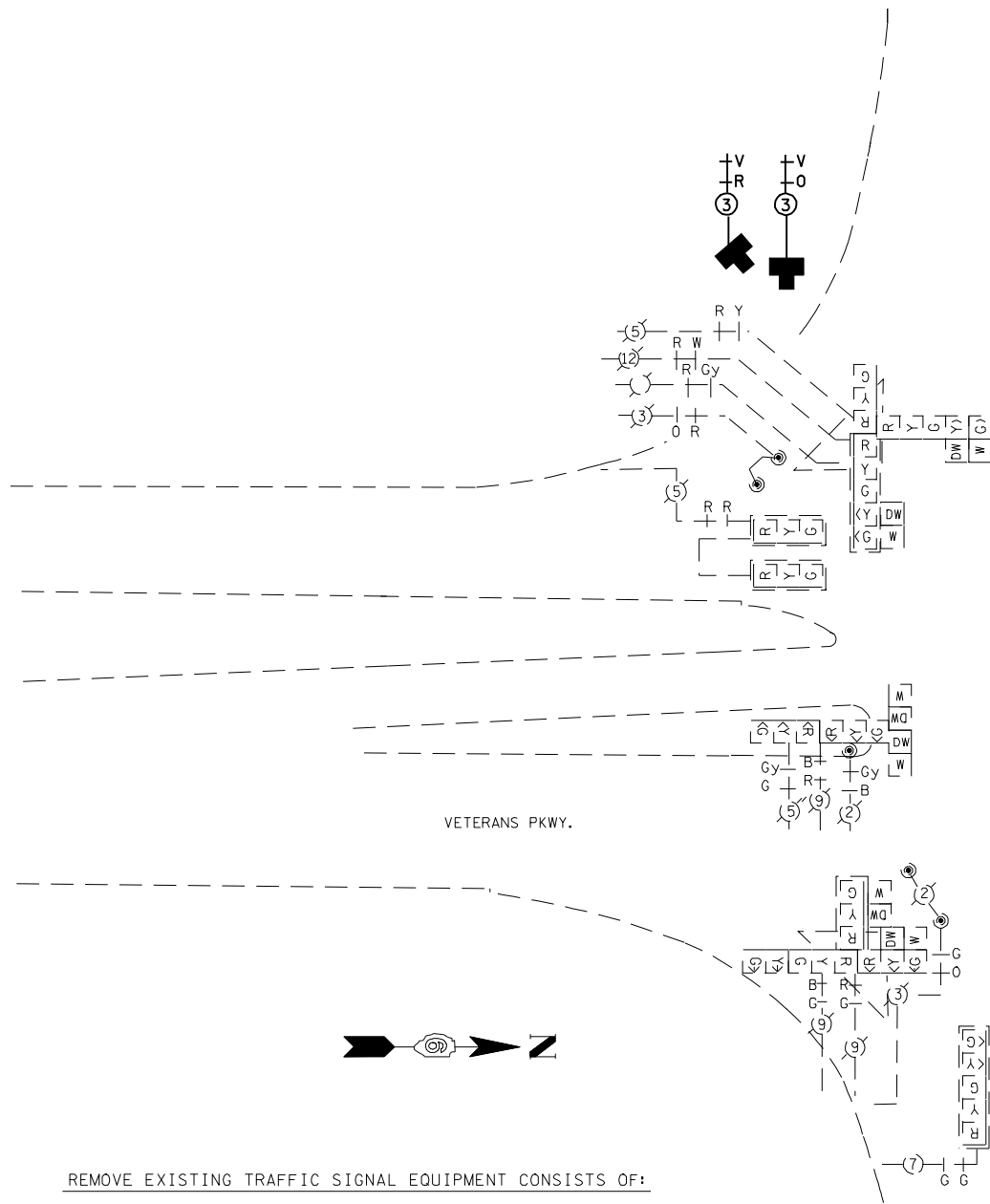
REMOVE ELECTRIC CABLE FROM CONDUIT SHALL CONSIST OF REMOVING ALL EXISTING COAXIAL CABLES TO THE EXISTING VIDEO VEHICLE DETECTORS



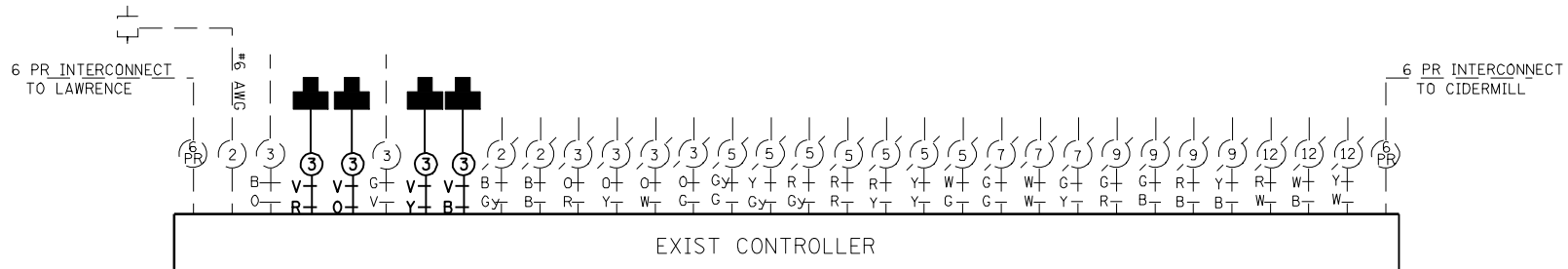
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et:\pw\work\PWIDOT\LAUGHLINRL\0170829\0672899-TS.dgn		DRAWN -	REVISED -					662	(2-1-2,2-2)RS,TS-6	SANGAMON	244	171
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -		CONTRACT NO. 72B99							
	PLOT DATE = Oct-29-2009 11:56:13AM	DATE -	REVISED -		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT						



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNALS - WASHINGTON ST			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
e:\pwwork\pwwid\LAUGHLINRL\0170829\0672899-TS.dgn	PLOT SCALE = 40.0000' / IN.	DRAWN -	REVISED -					662	(2-1-2,2-2)RS,TS-6	SANGAMON	244	172
PLOT DATE = Oct-29-2009 11:56:22AM	DATE -	CHECKED -	REVISED -		CONTRACT NO. 72B99			ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.			



REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT CONSISTS OF:
 EXISTING VIDEO VEHICLE DETECTORS AND AUTOSCOPE 2004 UNIT
 REMOVED EQUIPMENT SHALL BE RETURNED TO THE CITY OF SPRINGFIELD

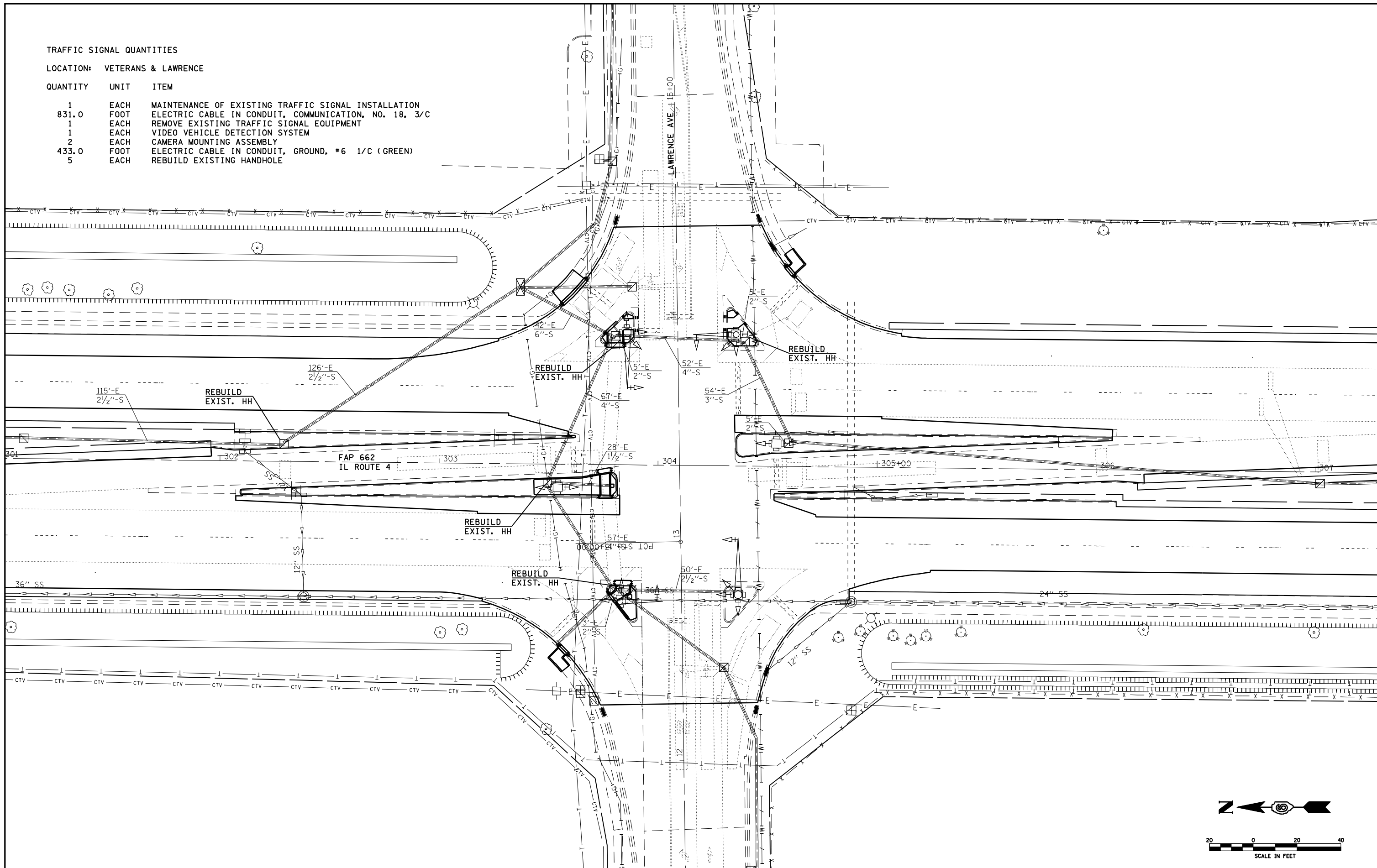


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PLOT DATE = Oct-29-2009 11:56:31AM	DATE -	REVISED -	REVISED -	SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

TRAFFIC SIGNAL QUANTITIES

LOCATION: VETERANS & LAWRENCE

QUANTITY	UNIT	ITEM
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
831.0	FOOT	ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 18, 3/C
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	VIDEO VEHICLE DETECTION SYSTEM
2	EACH	CAMERA MOUNTING ASSEMBLY
433.0	FOOT	ELECTRIC CABLE IN CONDUIT, GROUND, #6 1/C (GREEN)
5	EACH	REBUILD EXISTING HANDHOLE

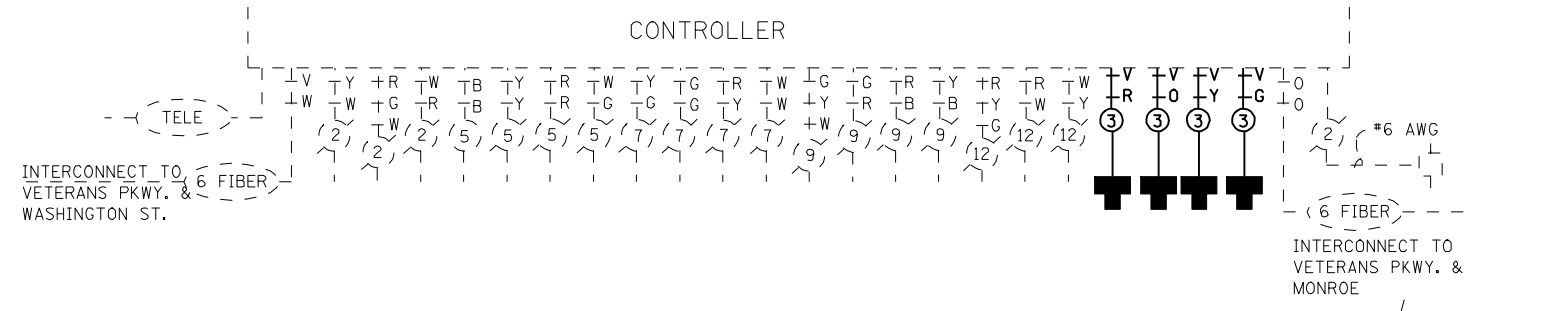


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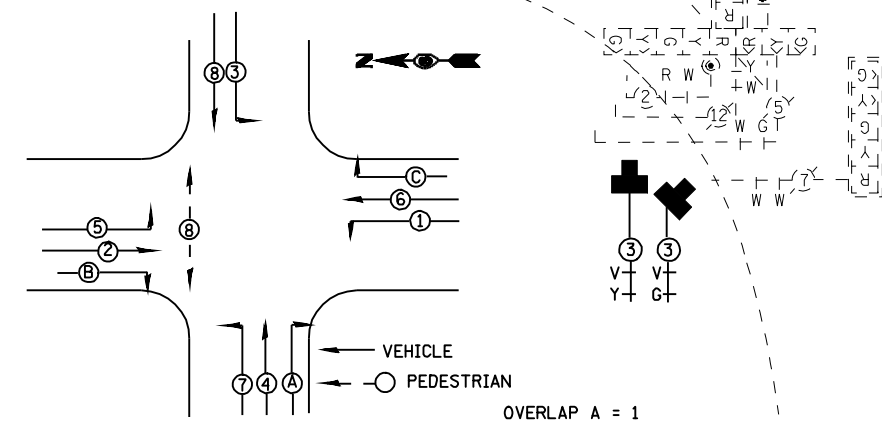
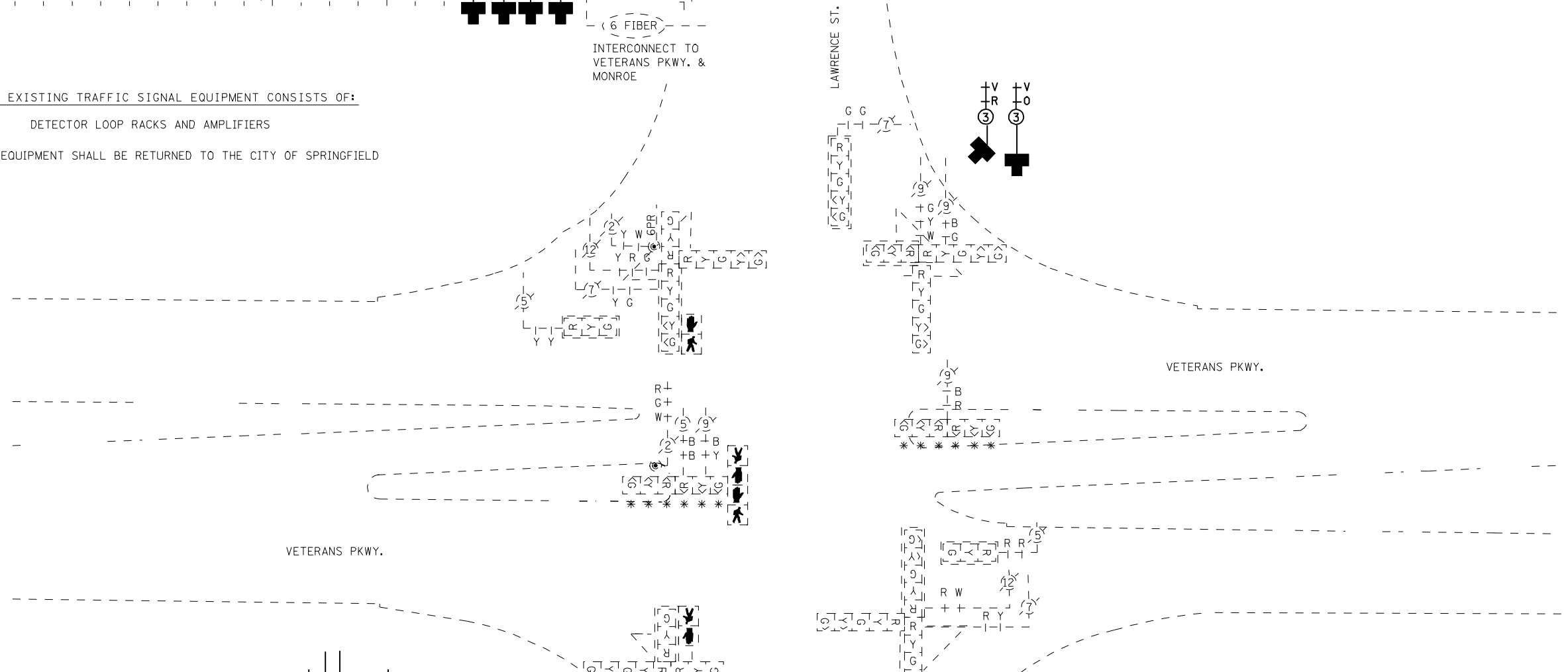
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC SIGNALS - LAWRENCE AVE			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2,2-2)RS,TS-6	SANGAMON	244	174
CONTRACT NO. 72B99				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT CONSISTS OF:
 DETECTOR LOOP RACKS AND AMPLIFIERS
 REMOVED EQUIPMENT SHALL BE RETURNED TO THE CITY OF SPRINGFIELD



EXISTING PHASE DESIGNATION DIAGRAM

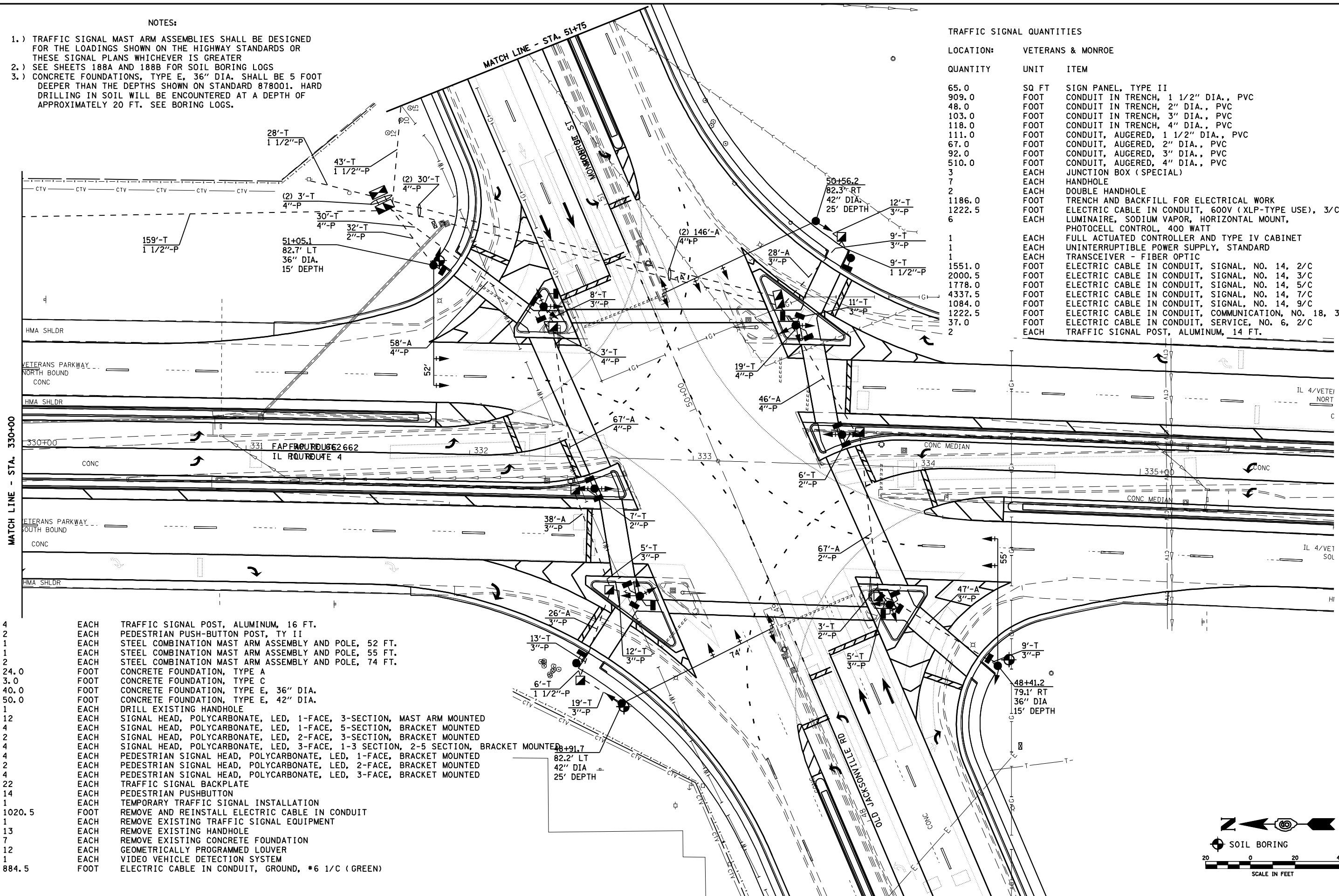
FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\PWIDOT\LAUGHLINRL\0170829\0672B99-TS.dgn		DRAWN -	REVISED -		662	(2-1-2,2-2)RS,TS-6	SANGAMON	244	176
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 72B99				
PLOT DATE = Oct-29-2009 11:56:59AM		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.

NOTES:

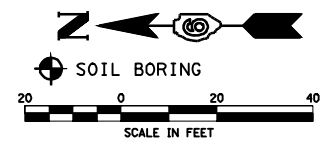
- 1.) TRAFFIC SIGNAL MAST ARM ASSEMBLIES SHALL BE DESIGNED FOR THE LOADINGS SHOWN ON THE HIGHWAY STANDARDS OR THESE SIGNAL PLANS WHICHEVER IS GREATER
- 2.) SEE SHEETS 188A AND 188B FOR SOIL BORING LOGS
- 3.) CONCRETE FOUNDATIONS, TYPE E, 36" DIA. SHALL BE 5 FOOT DEEPER THAN THE DEPTHS SHOWN ON STANDARD 878001. HARD DRILLING IN SOIL WILL BE ENCOUNTERED AT A DEPTH OF APPROXIMATELY 20 FT. SEE BORING LOGS.

TRAFFIC SIGNAL QUANTITIES

LOCATION:	VETERANS & MONROE	
QUANTITY	UNIT	ITEM
65.0	SQ FT	SIGN PANEL, TYPE II
909.0	FOOT	CONDUIT IN TRENCH, 1 1/2" DIA., PVC
48.0	FOOT	CONDUIT IN TRENCH, 2" DIA., PVC
103.0	FOOT	CONDUIT IN TRENCH, 3" DIA., PVC
118.0	FOOT	CONDUIT IN TRENCH, 4" DIA., PVC
111.0	FOOT	CONDUIT, AUGERED, 1 1/2" DIA., PVC
67.0	FOOT	CONDUIT, AUGERED, 2" DIA., PVC
92.0	FOOT	CONDUIT, AUGERED, 3" DIA., PVC
510.0	FOOT	CONDUIT, AUGERED, 4" DIA., PVC
3	EACH	JUNCTION BOX (SPECIAL)
7	EACH	HANDHOLE
2	EACH	DOUBLE HANDHOLE
1186.0	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
1222.5	FOOT	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE), 3/C #12
6	EACH	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTOCELL CONTROL, 400 WATT
1	EACH	FULL ACTUATED CONTROLLER AND TYPE IV CABINET
1	EACH	UNINTERRUPTIBLE POWER SUPPLY, STANDARD
1	EACH	TRANSCEIVER - FIBER OPTIC
1551.0	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 2/C
2000.5	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 3/C
1778.0	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 5/C
4337.5	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 7/C
1084.0	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 9/C
1222.5	FOOT	ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 18, 3/C
37.0	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6, 2/C
2	EACH	TRAFFIC SIGNAL POST, ALUMINUM, 14 FT.

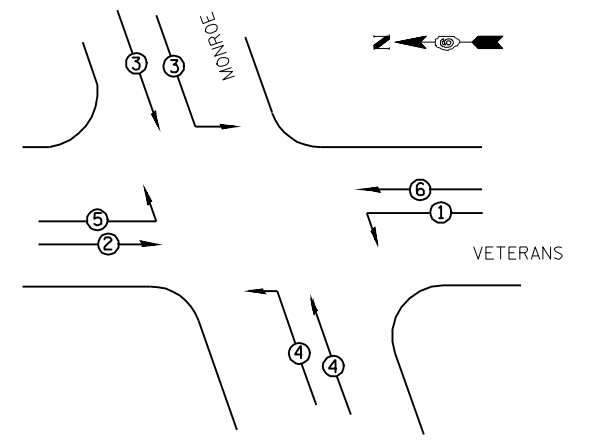


4	EACH	TRAFFIC SIGNAL POST, ALUMINUM, 16 FT.
2	EACH	PEDESTRIAN PUSH-BUTTON POST, TY II
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 52 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 55 FT.
2	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 74 FT.
24.0	FOOT	CONCRETE FOUNDATION, TYPE A
3.0	FOOT	CONCRETE FOUNDATION, TYPE C
40.0	FOOT	CONCRETE FOUNDATION, TYPE E, 36" DIA.
50.0	FOOT	CONCRETE FOUNDATION, TYPE E, 42" DIA.
1	EACH	DRILL EXISTING HANDHOLE
12	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
4	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
2	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED
4	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 1-3 SECTION, BRACKET MOUNTED
4	EACH	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED
2	EACH	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED
4	EACH	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, BRACKET MOUNTED
22	EACH	TRAFFIC SIGNAL BACKPLATE
14	EACH	PEDESTRIAN PUSHBUTTON
1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
1020.5	FOOT	REMOVE AND REINSTALL ELECTRIC CABLE IN CONDUIT
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
13	EACH	REMOVE EXISTING HANDHOLE
7	EACH	REMOVE EXISTING CONCRETE FOUNDATION
12	EACH	GEOMETRICALLY PROGRAMMED LOUVER
1	EACH	VIDEO VEHICLE DETECTION SYSTEM
884.5	FOOT	ELECTRIC CABLE IN CONDUIT, GROUND, #6 1/C (GREEN)

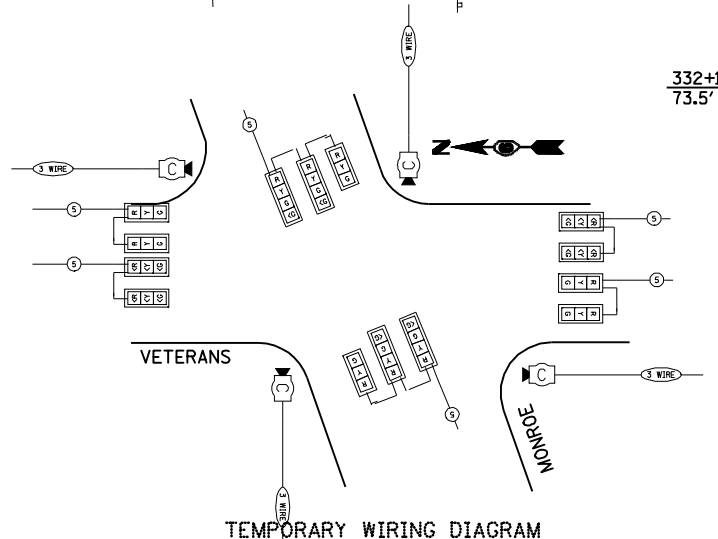
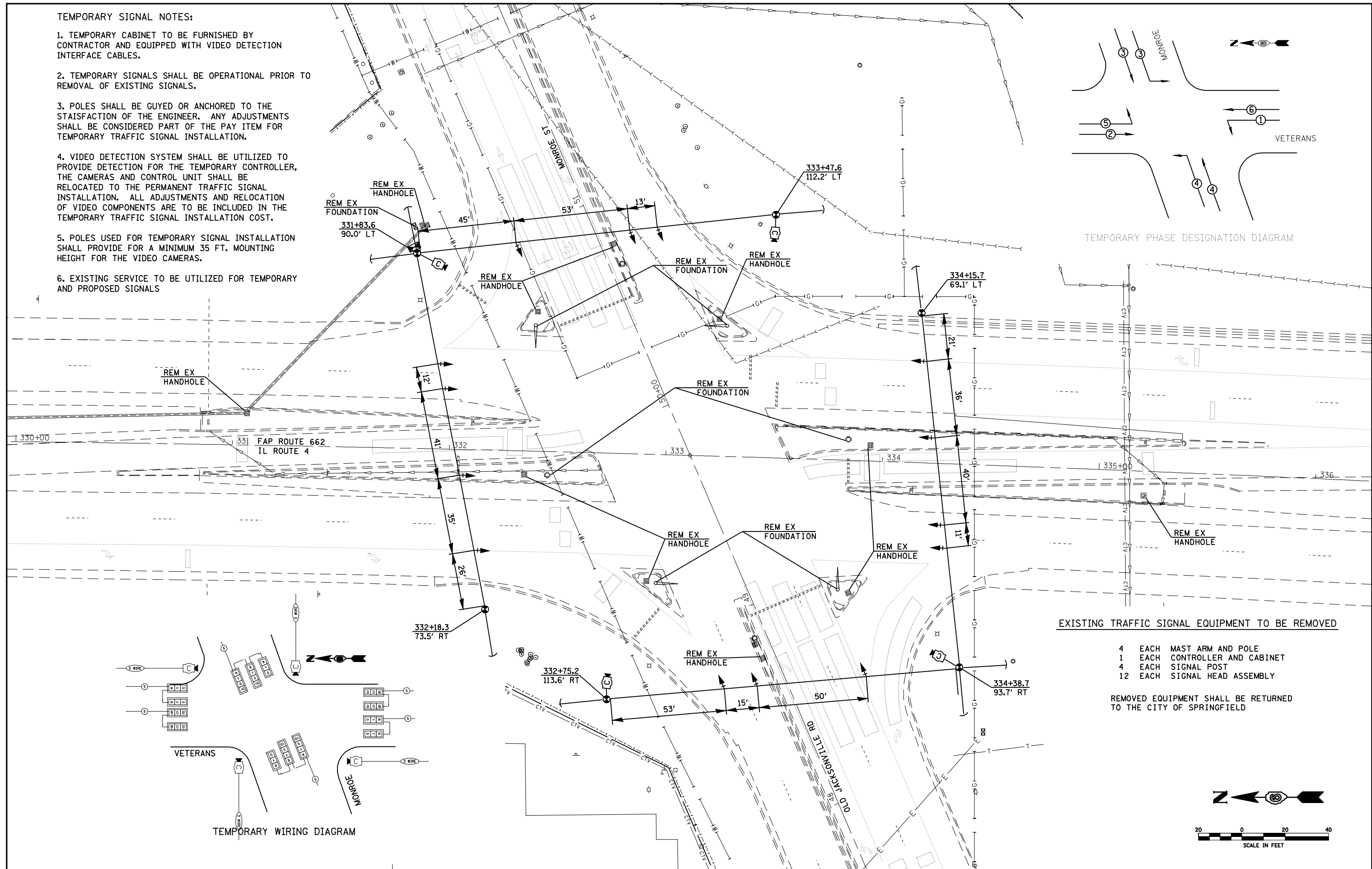


TEMPORARY SIGNAL NOTES:

1. TEMPORARY CABINET TO BE FURNISHED BY CONTRACTOR AND EQUIPPED WITH VIDEO DETECTION INTERFACE CABLES.
2. TEMPORARY SIGNALS SHALL BE OPERATIONAL PRIOR TO REMOVAL OF EXISTING SIGNALS.
3. POLES SHALL BE GUYED OR ANCHORED TO THE STAISFACTION OF THE ENGINEER. ANY ADJUSTMENTS SHALL BE CONSIDERED PART OF THE PAY ITEM FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.
4. VIDEO DETECTION SYSTEM SHALL BE UTILIZED TO PROVIDE DETECTION FOR THE TEMPORARY CONTROLLER, THE CAMERAS AND CONTROL UNIT SHALL BE RELOCATED TO THE PERMANENT TRAFFIC SIGNAL INSTALLATION. ALL ADJUSTMENTS AND RELOCATION OF VIDEO COMPONENTS ARE TO BE INCLUDED IN THE TEMPORARY TRAFFIC SIGNAL INSTALLATION COST.
5. POLES USED FOR TEMPORARY SIGNAL INSTALLATION SHALL PROVIDE FOR A MINIMUM 35 FT. MOUNTING HEIGHT FOR THE VIDEO CAMERAS.
6. EXISTING SERVICE TO BE UTILIZED FOR TEMPORARY AND PROPOSED SIGNALS



TEMPORARY PHASE DESIGNATION DIAGRAM

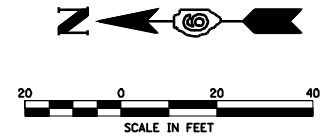


TEMPORARY WIRING DIAGRAM

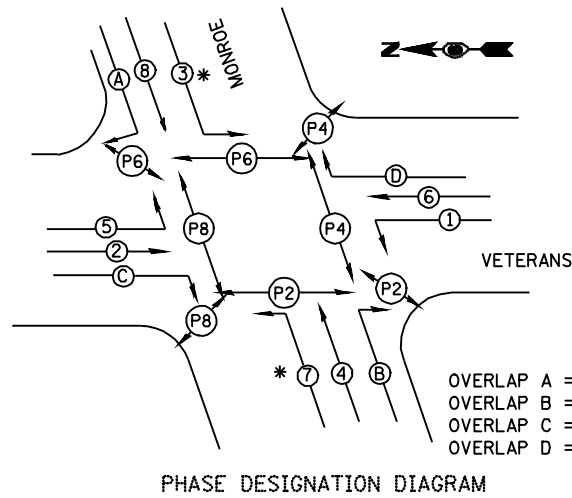
EXISTING TRAFFIC SIGNAL EQUIPMENT TO BE REMOVED

- 4 EACH MAST ARM AND POLE
- 1 EACH CONTROLLER AND CABINET
- 4 EACH SIGNAL POST
- 12 EACH SIGNAL HEAD ASSEMBLY

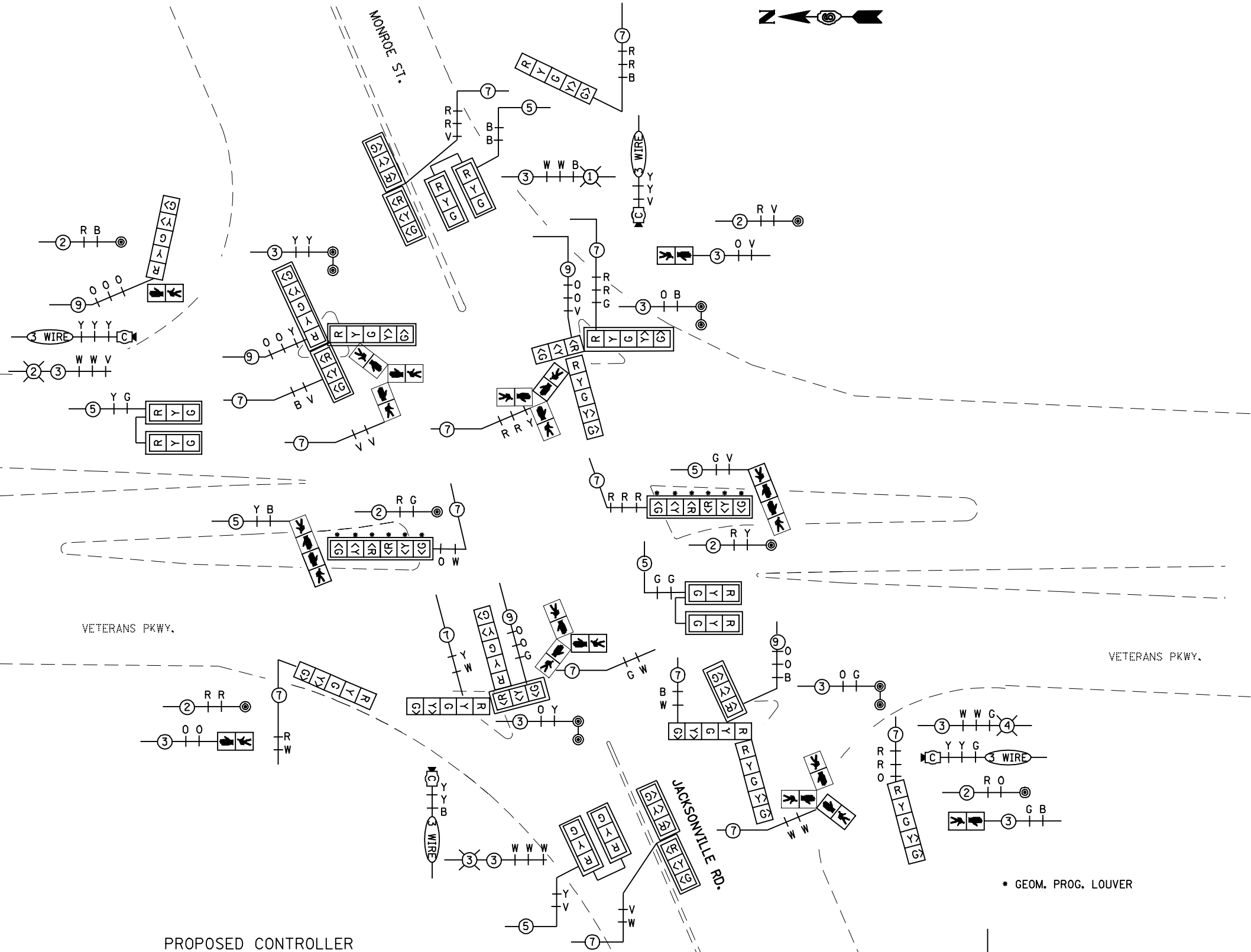
REMOVED EQUIPMENT SHALL BE RETURNED TO THE CITY OF SPRINGFIELD



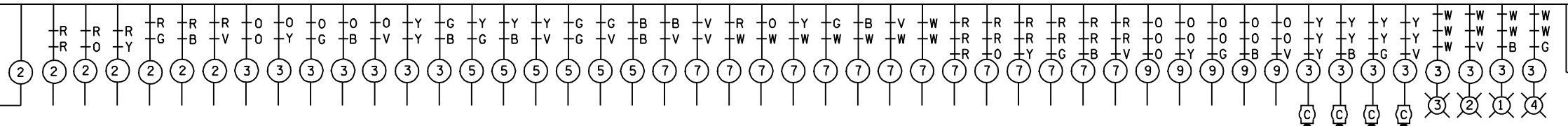
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et:\pwork\pwork\LAUGHLINRL\0170829\0672899-TS.dgn	DRAWN -	REVISED -	SCALE:					SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS
PLOT SCALE = 48.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO.									
PLOT DATE = Oct-29-2009 11:57:18AM	DATE -	REVISED -										



* PHASES 3 AND 7 SHALL BE PROGRAMMED IN THE RING STRUCTURE TO NEVER BE SERVED SIMULTANEOUSLY



REMOVE AND REINSTALL TO LAWRENCE
6 FIBER
#6 AWG



* GEOM. PROG. LOUVER

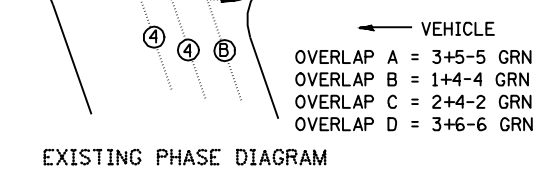
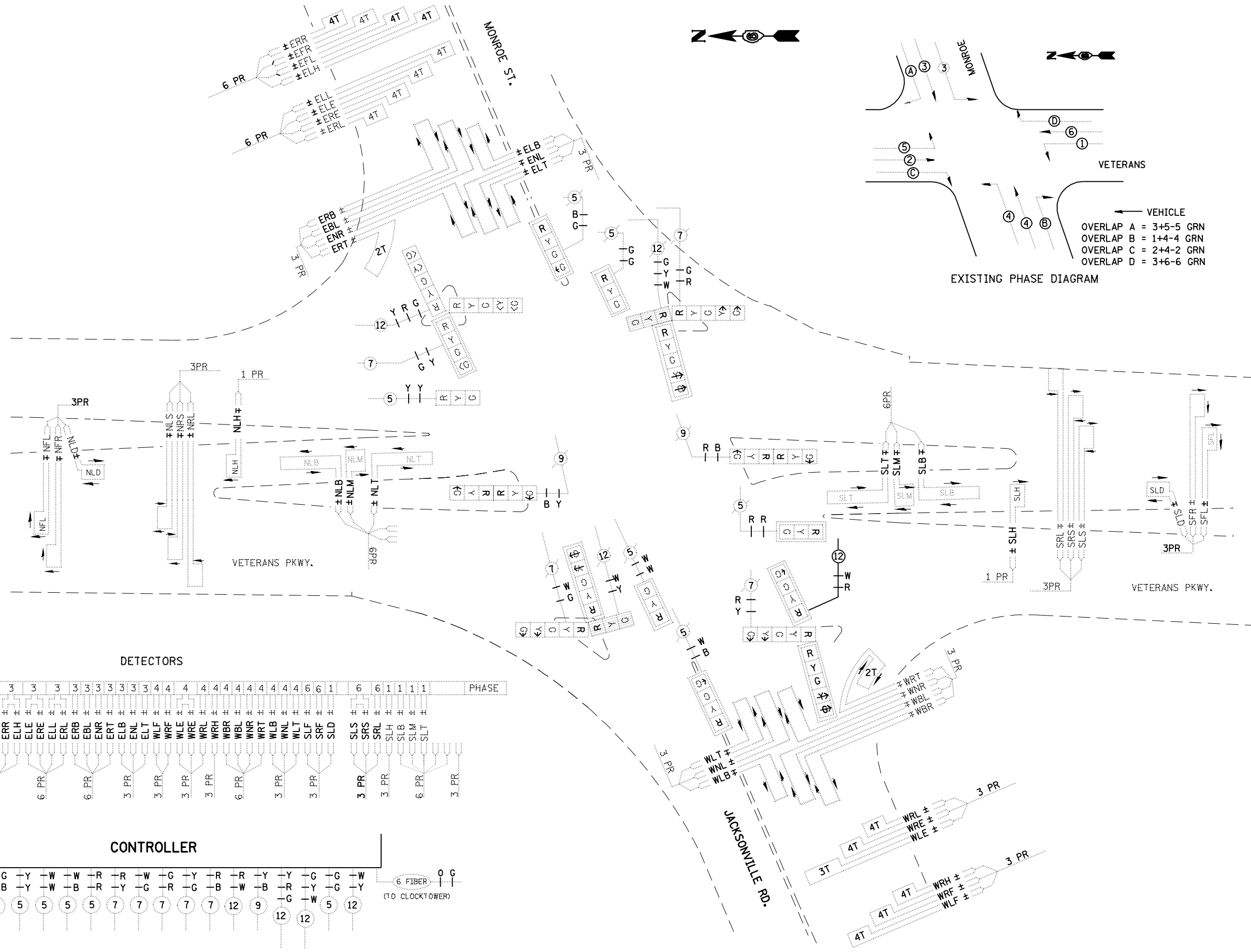
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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = Oct-29-2009 11:57:27AM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC SIGNALS - OLD JACKSONVILLE RD / MONROE ST

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

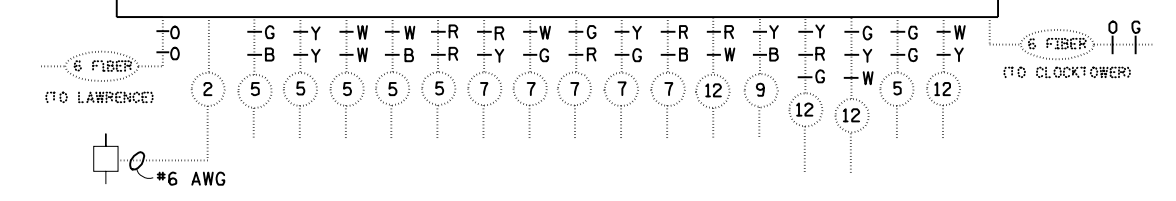
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2,2-2)RS,TS-6	SANGAMON	244	179
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72899	



DETECTORS

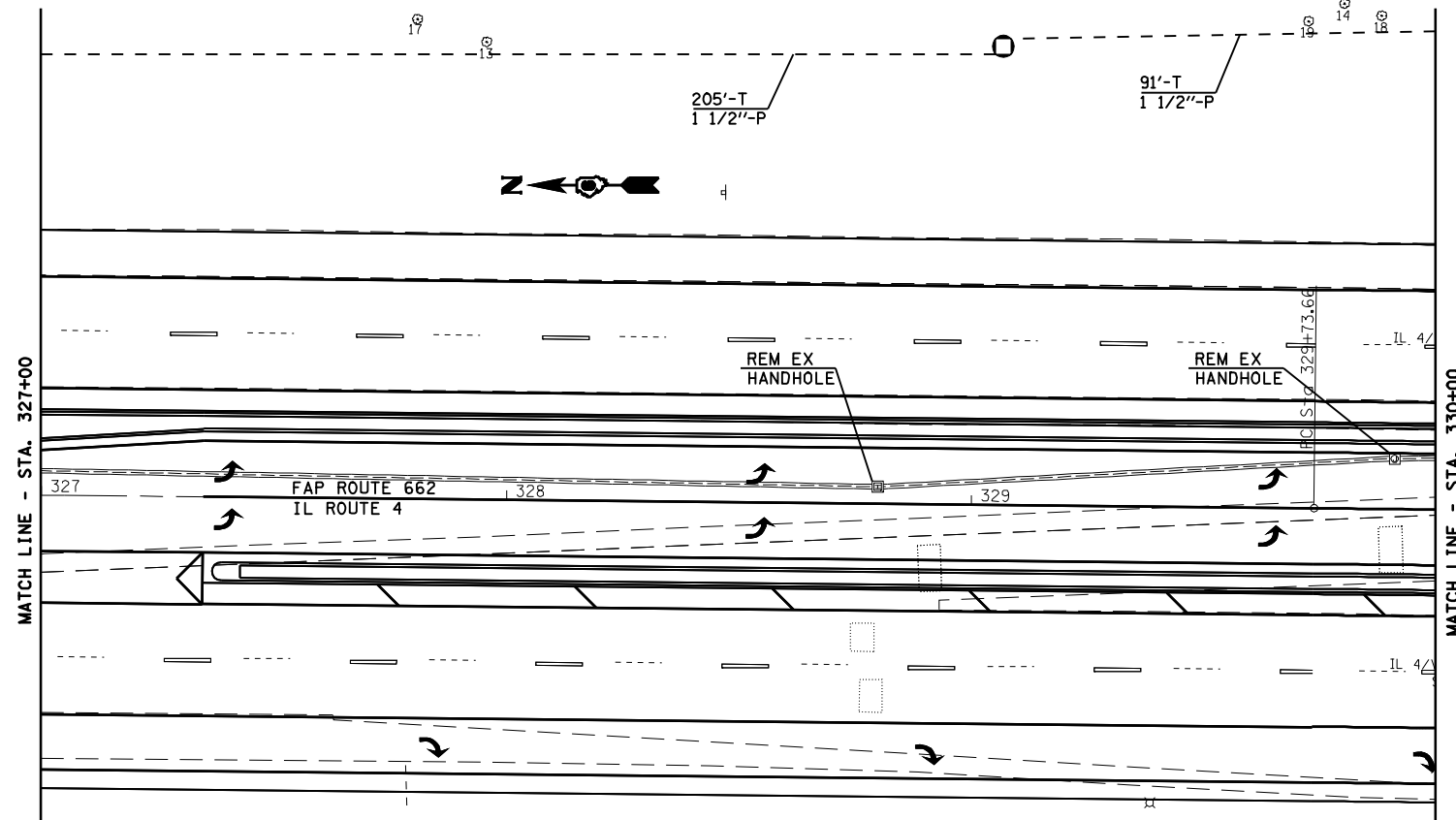
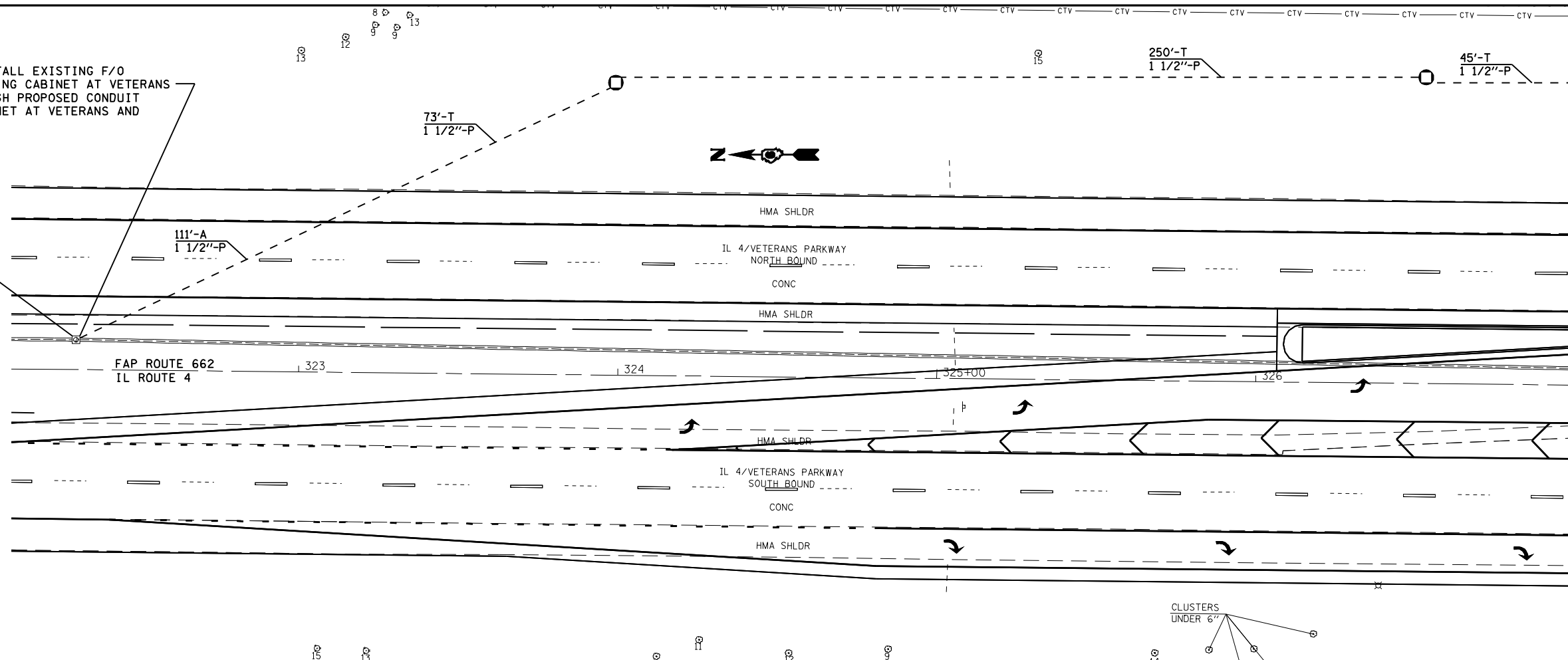
DETECTORS		PHASE
NFL	2	2
NRL	2	5
NLD	2	2
NLS	2	5
NRS	2	5
NLH	2	5
NLB	2	5
NLM	2	5
NLT	2	5
NCR	2	2
NRT	2	2
EEL	3	3
ERR	3	3
ELH	3	3
ELE	3	3
ERE	3	3
ELL	3	3
ERB	3	3
EBL	3	3
ENR	3	3
ERT	3	3
ELB	3	3
ENL	3	3
ELT	3	3
WLF	4	4
WRF	4	4
WLE	4	4
WRE	4	4
WRL	4	4
WRH	4	4
WBR	4	4
WBL	4	4
WNR	4	4
WRT	4	4
WLB	4	4
WNL	4	4
WLT	4	4
SLF	6	6
SRF	6	6
SLD	1	1
SLS	6	6
SRS	6	6
SRL	6	6
SLH	1	1
SLB	1	1
SLM	1	1
SLT	1	1

CONTROLLER



REMOVE AND REINSTALL EXISTING F/O CABLE FROM EXISTING CABINET AT VETERANS AND MONROE THROUGH PROPOSED CONDUIT TO PROPOSED CABINET AT VETERANS AND MONROE

DRILL EX HANDHOLE



FILE NAME =
FILEL

USER NAME = *USER*
PLOT SCALE = *SCALE*
PLOT DATE = *DATE*

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC SIGNALS - IL ROUTE 4

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2,2-2)RS,TS-6	SANGAMON	244	181
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 72B99				

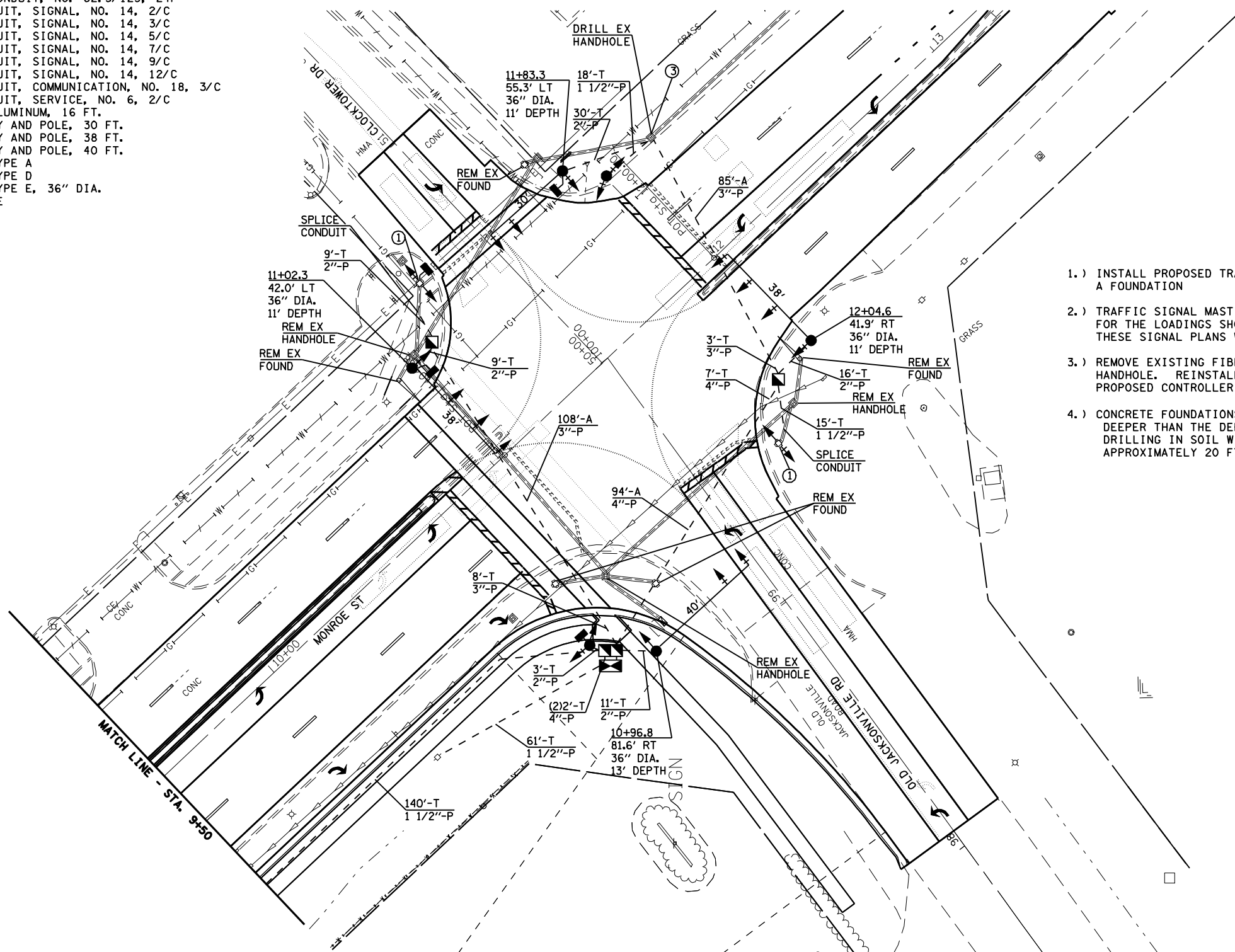
TRAFFIC SIGNAL QUANTITIES

LOCATION: MONROE & CLOCKTOWER

QUANTITY UNIT ITEM

811.0	FOOT	CONDUIT IN TRENCH, 1 1/2" DIA., PVC
78.0	FOOT	CONDUIT IN TRENCH, 2" DIA., PVC
11.0	FOOT	CONDUIT IN TRENCH, 3" DIA., PVC
11.0	FOOT	CONDUIT IN TRENCH, 4" DIA., PVC
125.0	FOOT	CONDUIT, AUGERED, 1 1/2" DIA., PVC
193.0	FOOT	CONDUIT, AUGERED, 3" DIA., PVC
94.0	FOOT	CONDUIT, AUGERED, 4" DIA., PVC
4	EACH	JUNCTION BOX (SPECIAL)
2	EACH	HANDHOLE
1	EACH	DOUBLE HANDHOLE
911.0	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
1	EACH	FULL ACTUATED CONTROLLER AND TYPE IV CABINET
925.5	FOOT	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, 24F
615.0	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 2/C
643.0	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 3/C
476.5	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 5/C
965.5	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 7/C
589.0	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 9/C
37.0	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 12/C
705.0	FOOT	ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 18, 3/C
70.0	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6, 2/C
4	EACH	TRAFFIC SIGNAL POST, ALUMINUM, 16 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.
2	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.
6.0	FOOT	CONCRETE FOUNDATION, TYPE A
3.0	FOOT	CONCRETE FOUNDATION, TYPE D
66.0	FOOT	CONCRETE FOUNDATION, TYPE E, 36" DIA.
1	EACH	DRILL EXISTING HANDHOLE

6	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
4	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED
3	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED
3	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
4	EACH	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED
18	EACH	TRAFFIC SIGNAL BACKPLATE
1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
213.5	FOOT	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
3	EACH	REMOVE EXISTING HANDHOLE
5	EACH	REMOVE EXISTING CONCRETE FOUNDATION
1	EACH	VIDEO VEHICLE DETECTION SYSTEM
490.5	FOOT	ELECTRIC CABLE IN CONDUIT, GROUND, #6 1/C (GREEN)
4	EACH	CAMERA MOUNTING ASSEMBLY



NOTES:

- 1.) INSTALL PROPOSED TRAFFIC SIGNAL POST ON EXISTING TYPE A FOUNDATION
- 2.) TRAFFIC SIGNAL MAST ARM ASSEMBLIES SHALL BE DESIGNED FOR THE LOADINGS SHOWN ON THE HIGHWAY STANDARDS OR THESE SIGNAL PLANS WHICHEVER IS GREATER
- 3.) REMOVE EXISTING FIBER OPTIC FROM EXISTING CABINET TO HANDHOLE. REINSTALL THROUGH PROPOSED CONDUIT TO PROPOSED CONTROLLER CABINET.
- 4.) CONCRETE FOUNDATIONS, TYPE E, 36" DIA. SHALL BE 5 FOOT DEEPER THAN THE DEPTHS SHOWN ON STANDARD 878001. HARD DRILLING IN SOIL WILL BE ENCOUNTERED AT A DEPTH OF APPROXIMATELY 20 FT. SEE BORING LOGS.

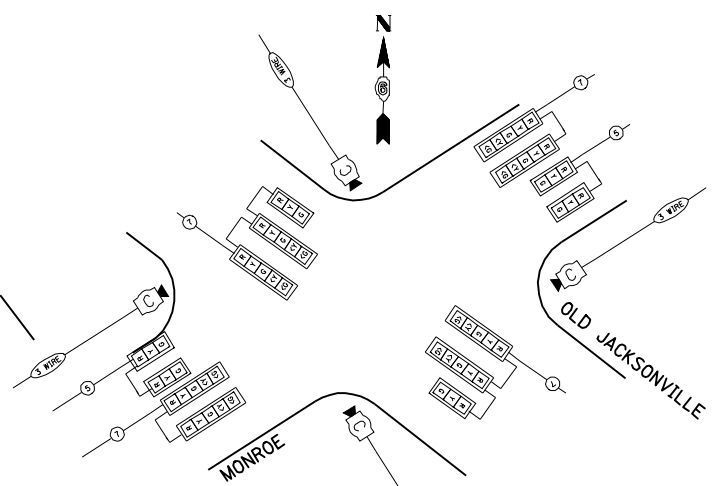
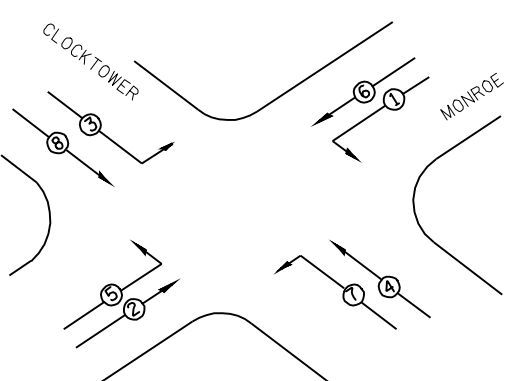
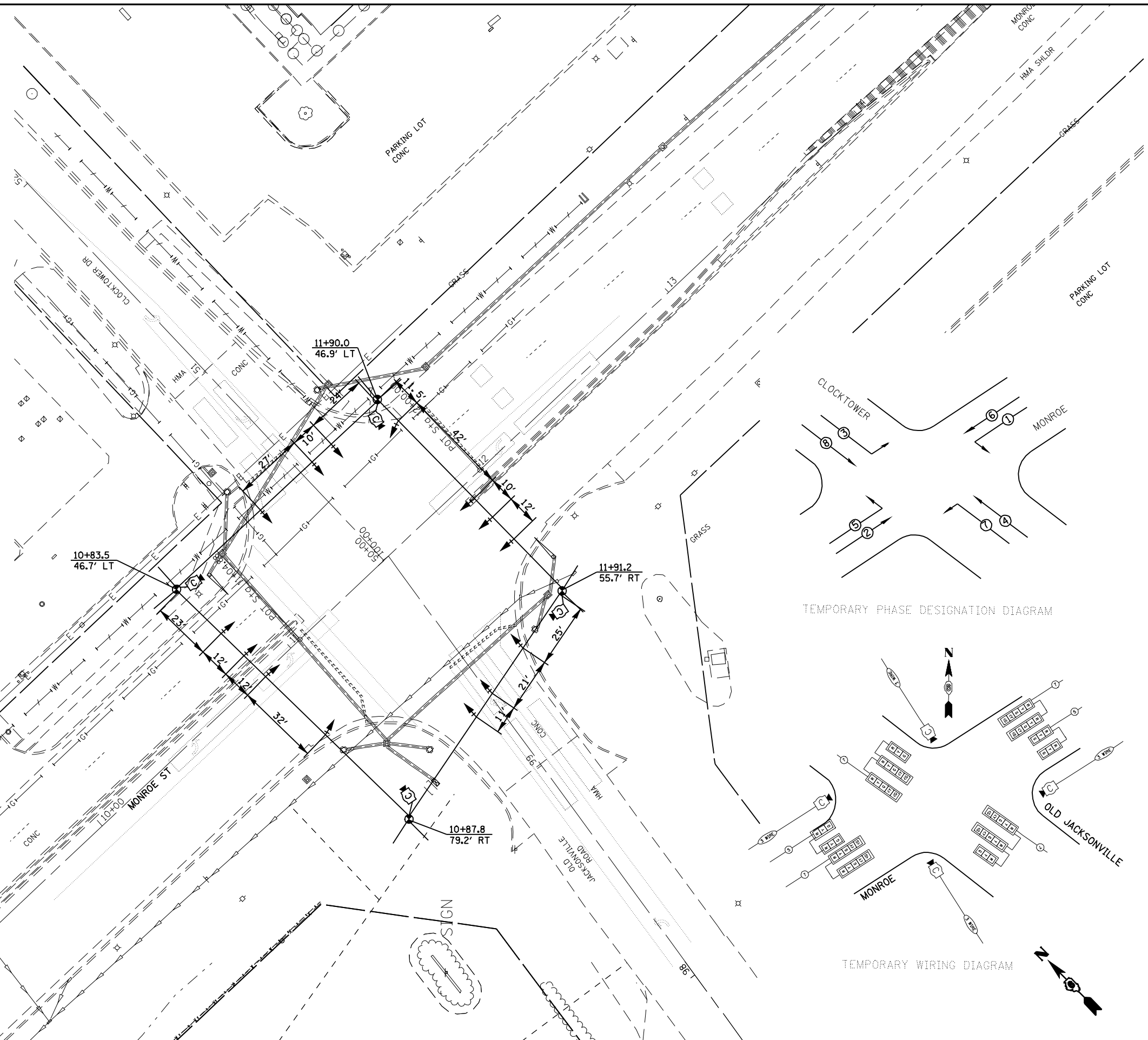
TEMPORARY SIGNAL NOTES:

1. TEMPORARY CABINET TO BE FURNISHED BY CONTRACTOR AND EQUIPPED WITH VIDEO DETECTION INTERFACE CABLES.
2. TEMPORARY SIGNALS SHALL BE OPERATIONAL PRIOR TO REMOVAL OF EXISTING SIGNALS.
3. POLES SHALL BE GUYED OR ANCHORED TO THE SATISFACTION OF THE ENGINEER. ANY ADJUSTMENTS SHALL BE CONSIDERED PART OF THE PAY ITEM FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.
4. VIDEO DETECTION SYSTEM SHALL BE UTILIZED TO PROVIDE DETECTION FOR THE TEMPORARY CONTROLLER, THE CAMERAS AND CONTROL UNIT SHALL BE RELOCATED TO THE PERMANENT TRAFFIC SIGNAL INSTALLATION. ALL ADJUSTMENTS AND RELOCATION OF VIDEO COMPONENTS ARE TO BE INCLUDED IN THE TEMPORARY TRAFFIC SIGNAL INSTALLATION COST.
5. POLES USED FOR TEMPORARY SIGNAL INSTALLATION SHALL PROVIDE FOR A MINIMUM 35 FT. MOUNTING HEIGHT FOR THE VIDEO CAMERAS.
6. EXISTING SERVICE TO BE UTILIZED FOR TEMPORARY AND PROPOSED SIGNALS

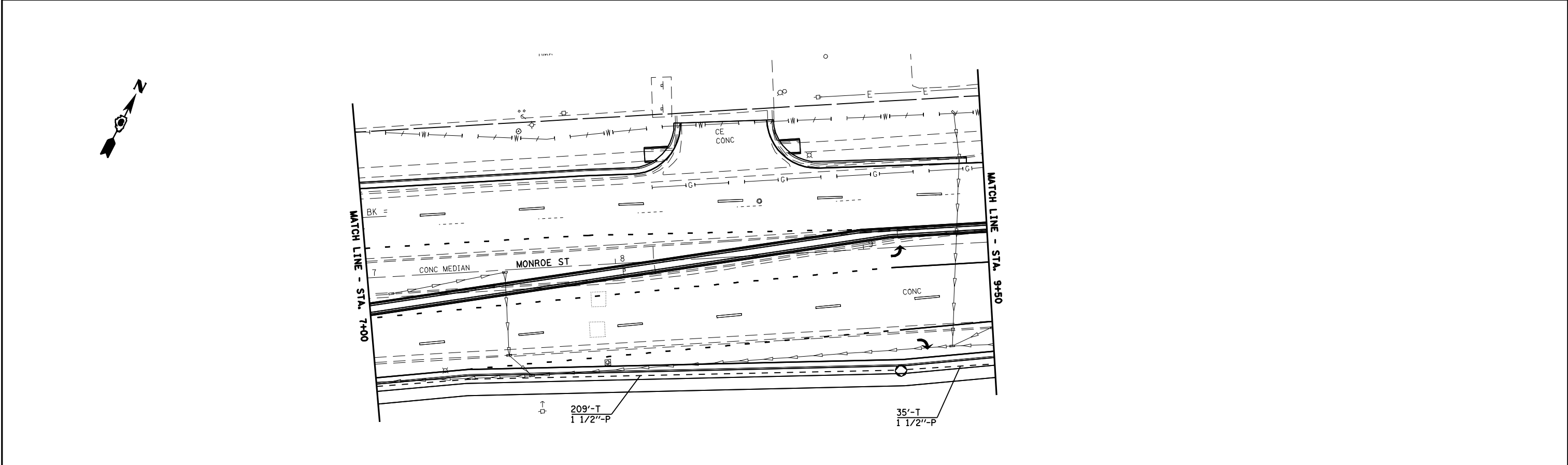
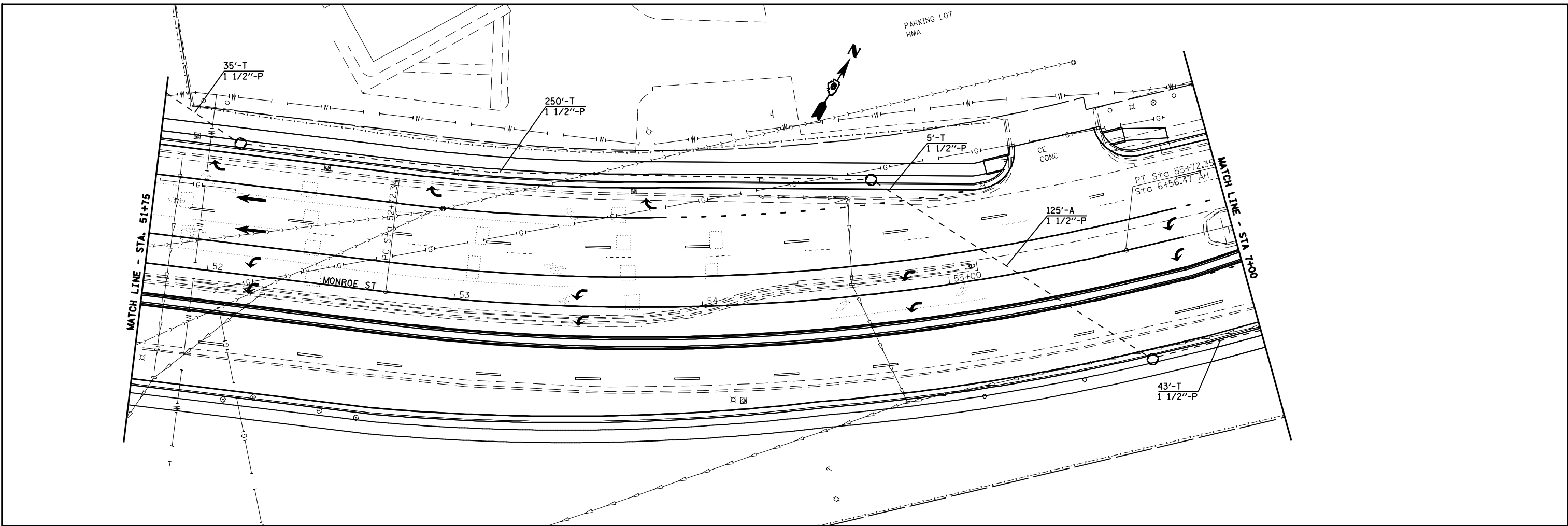
EXISTING TRAFFIC SIGNAL EQUIPMENT TO BE REMOVED

- 2 EACH MAST ARM AND POLE
- 1 EACH CONTROLLER AND CABINET
- 5 EACH SIGNAL POST
- 11 EACH SIGNAL HEAD ASSEMBLY

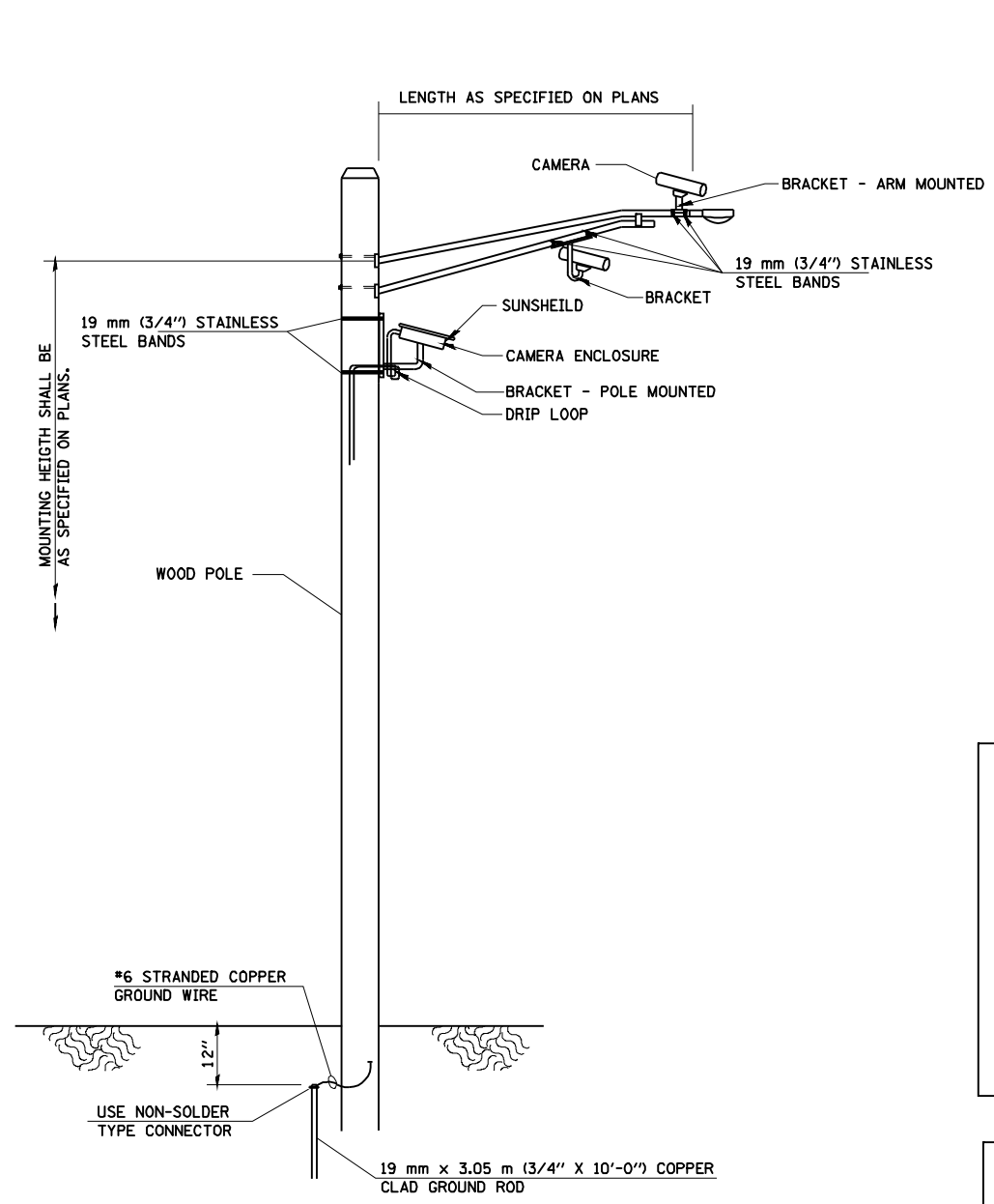
REMOVED EQUIPMENT SHALL BE RETURNED TO THE CITY OF SPRINGFIELD



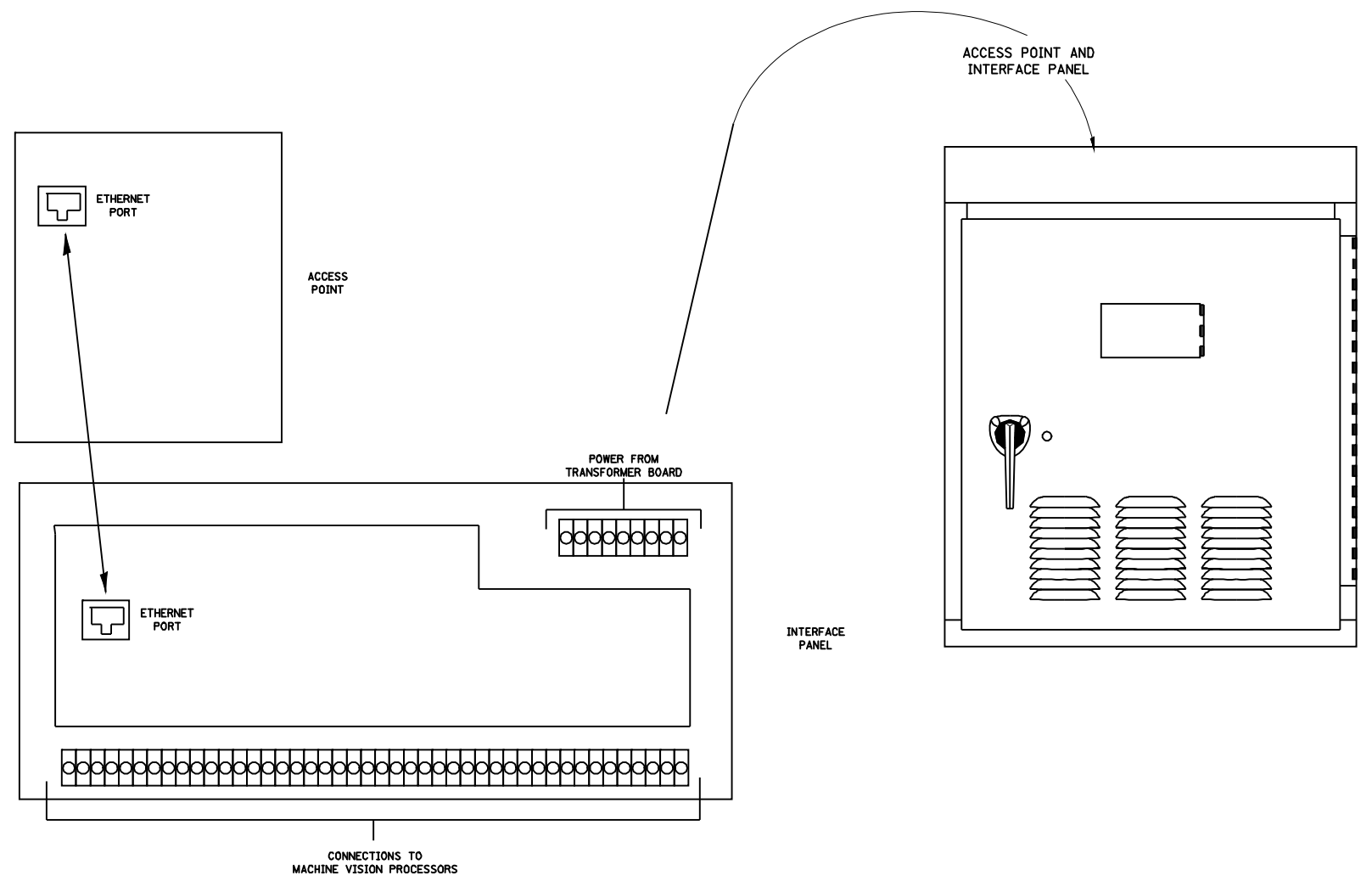
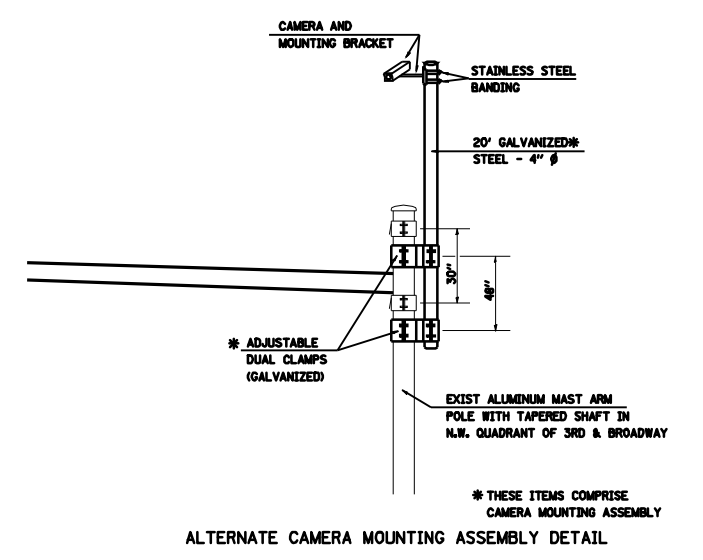
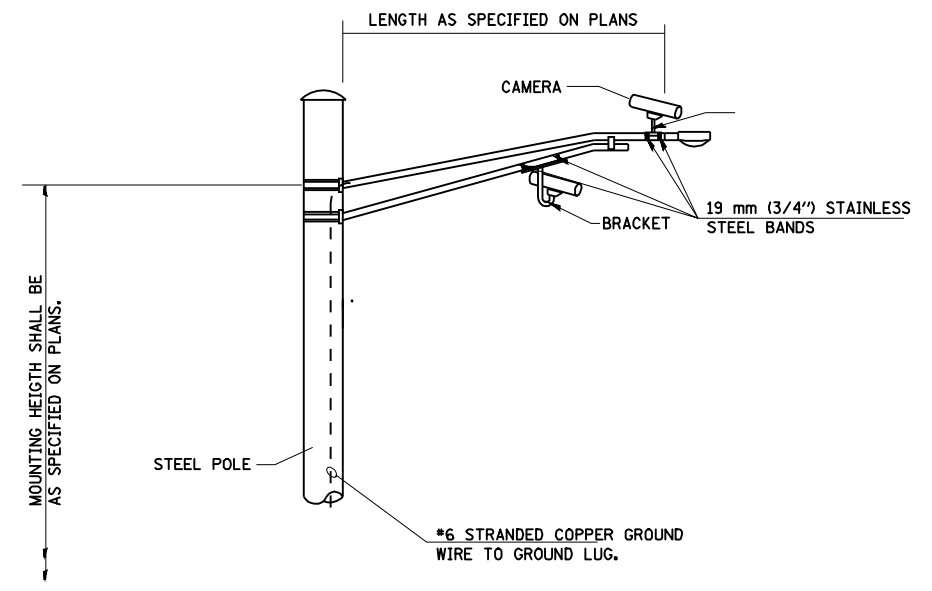
FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\PWIDOT\LAUGHLINRL\0170829\0672899-TS.dgn	DRAWN -	REVISED -	662					(2-1-2,2-2)RS-TS-6	SANGAMON	244	183	
PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 72B99									
PLOT DATE = Oct-29-2009 11:58:05AM	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT									



FILE NAME = *FILEL*	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNALS - MONROE ST			F.A.P. RTE. 662	SECTION (2-1-2,2-2)RS,TS-6	COUNTY SANGAMON	TOTAL SHEETS 244	SHEET NO. 185
	PLOT SCALE = *SCALE*	DRAWN -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 72B99		
	PLOT DATE = *DATE*	CHECKED -	REVISED -							ILLINOIS FED. AID PROJECT		
		DATE -	REVISED -									



**VIDEO DETECTION SYSTEM INSTALLATION
ARM MOUNTED OR POLE MOUNTED CAMERA**



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
et:\pwork\PWIDOT\LAUGHLINRL\0170829\0672899-TS.dgn		DRAWN -	REVISED -
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	PLOT DATE = Oct-29-2009 11:58:32AM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2,2-2)RS,TS-6	SANGAMON	244	186
CONTRACT NO. 72B99				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

TRAFFIC SIGNAL PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
		SIGNAL HEAD
		SIGNAL HEAD WITH BACKPLATE
		TEMPORARY SIGNAL HEAD
		PEDESTRIAN SIGNAL HEAD
		PEDESTRIAN PUSHBUTTON DETECTOR
		DETECTOR LOOP
		QUADRAPOLE DETECTOR LOOP
		SIGNAL POST
		ALUMINUM MAST ARM ASSEMBLY AND POLE
		STEEL MAST ARM ASSEMBLY AND POLE
		WOOD POLE
		WOOD POLE WITH GUY
		SERVICE INSTALLATION
		CONTROLLER
		HANDHOLE
		HEAVY DUTY HANDHOLE
		DOUBLE HANDHOLE
		JUNCTION BOX
		GULFBOX JUNCTION
		AERIAL CABLE
		CONDUIT LENGTH - CONSTRUCTION (T=TRENCH P=PUSHED A=AUGERED E=EXISTING) SIZE - TYPE (S=STEEL P=PVC F=FIBER DUCT U=UNI-DUCT)
		CONDUIT SPLICE
		SPAN WIRE / TETHER WIRE
		SIDEWALK REMOVAL IN SQ M (SQ FT)
		PC CONC SDWLK 100 mm IN SQ M (SQ YD)
		PC CONC SDWLK 100 mm SPECIAL IN SQ M (SQ YD)

TRAFFIC SIGNAL WIRING DIAGRAM LEGEND

EXISTING	PROPOSED	DESCRIPTION
		200 mm (8") SIGNAL SECTION
		300 mm (12") SIGNAL SECTION
		DIRECTIONAL SIGNAL SECTION
		225 mm (9") PEDESTRIAN SIGNAL FACE
		300 mm (12") PEDESTRIAN SIGNAL FACE
		SIGNAL FACE WITH BACKPLATE
		PROGRAMMED SIGNAL SECTION
		SIGNAL SECTION WITH LOUVRE
		DUAL-INDICATION SIGNAL SECTION
		INDUCTION DETECTOR LOOP
		QUADRAPOLE DETECTOR LOOP
		DIRECT-CONNECTED LOOP LEAD-IN (TWISTED)
		ELECTRIC CABLE DENOTING NUMBER OF CONDUCTORS
		ELECTRIC CABLE TO BE REMOVED
		ELECTRIC CABLE IDENTIFIER TAPE CODES (R= RED W= WHITE Y= YELLOW G= GREEN B= BLUE O= ORANGE)
		PEDESTRIAN PUSHBUTTON DETECTOR
		VIDEO DETECTION CAMERA
		EMERGENCY VEHICLE PREEMPTOR





Illinois Department
of Transportation
Division of Highways
District 6

SOIL BORING LOG

Page 1 of 1

Date 6/25/09

ROUTE FAP 662 DESCRIPTION Veterans Pkwy/Monroe St. Intersection Northeast
Mast Arm Foundation LOGGED BY M. Tappan

SECTION (2-1-2,2-2)RS, TS-6 LOCATION SW 14, SEC. 36, TWP. 16 N, RNG. 6 W, 3 PM

COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140 lb Auto

STRUCT. NO.	NA	D	B	U	M	Surface Water Elev.	NA	ft	D	B	U	M
Station	NA	E	L	C	O	Stream Bed Elev.	NA	ft	E	L	C	O
BORING NO.	NE-MA	P	O	S	I	Groundwater Elev.:			P	O	S	I
Station	51+05	T	W	S	T	▼ First Encounter	593.9	ft	T	W	S	T
Offset	83.0ft LT	H	S	Qu	T	▼ Upon Completion	589.9	ft	H	S	Qu	T
Ground Surface Elev.	606.9	(ft)	/ft	(taf)	(%)	▼ After 6 Days Hrs.	599.9	ft	(ft)	/ft	(taf)	(%)

Moist SILTY CLAY						586.40						
		2				Moist CLAY LOAM (Till)			3			
Black (Disturbed)		3	1.6	25		Grey and Brown			17	8.6	10	
		4	B						30	S-11		
		1							4			
Brown and Light Grey		2	0.8	28					45	7.2	11	
		3	B						55.5"	S-13		
	600.90											
Tand and Light Grey Wet SILT LOAM		0										
		1	0.2	29								
		1	B									
	598.40											
Tand and Light Grey Wet SILTY CLAY LOAM		0				Grey			4			
		0	0.0	29					16	12.0	9	
		1	B						24	S-12		
	596.40											
Grey and Brown Very Moist SILTY CLAY		0										
		0	0.5	25								
		1	B									
	594.40											
Grey Well Indurated Sandy Argillaceous LIMESTONE BOULDER						574.90						
						574.40			1001"			
Auger Refusal - Boring Completed												
	593.90											
Grey and Brown SILTY CLAY (Till)		0										
Free Water Moist		1	1.1	25								
		2	B									
		0										
		1	1.3	19								
		2	B									
		0										
Very Moist		1	0.4	22								
		1	B									

File Name: S:\SOILS\GINT FILES\SANGAMON\VETERANS-MONROE MAST ARM\BGRV Data Template\TEMP\PLT.CITY Data Printed 10/5/09
 Latitude: 39° 26' 26" Longitude: 89° 28' 00" Datum: NAD83 Job Number: L-98-08-03

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)



JOB = 2200.4	DESIGNED -	REVISED -
FILE NAME = d672B99-shr-brgs.dgn	DRAWN -	REVISED -
PLOT SCALE = 38.4801 m / IN.	CHECKED -	REVISED -
PLOT DATE = Oct-29-2009 12:06:51PM	DATE -	REVISED -

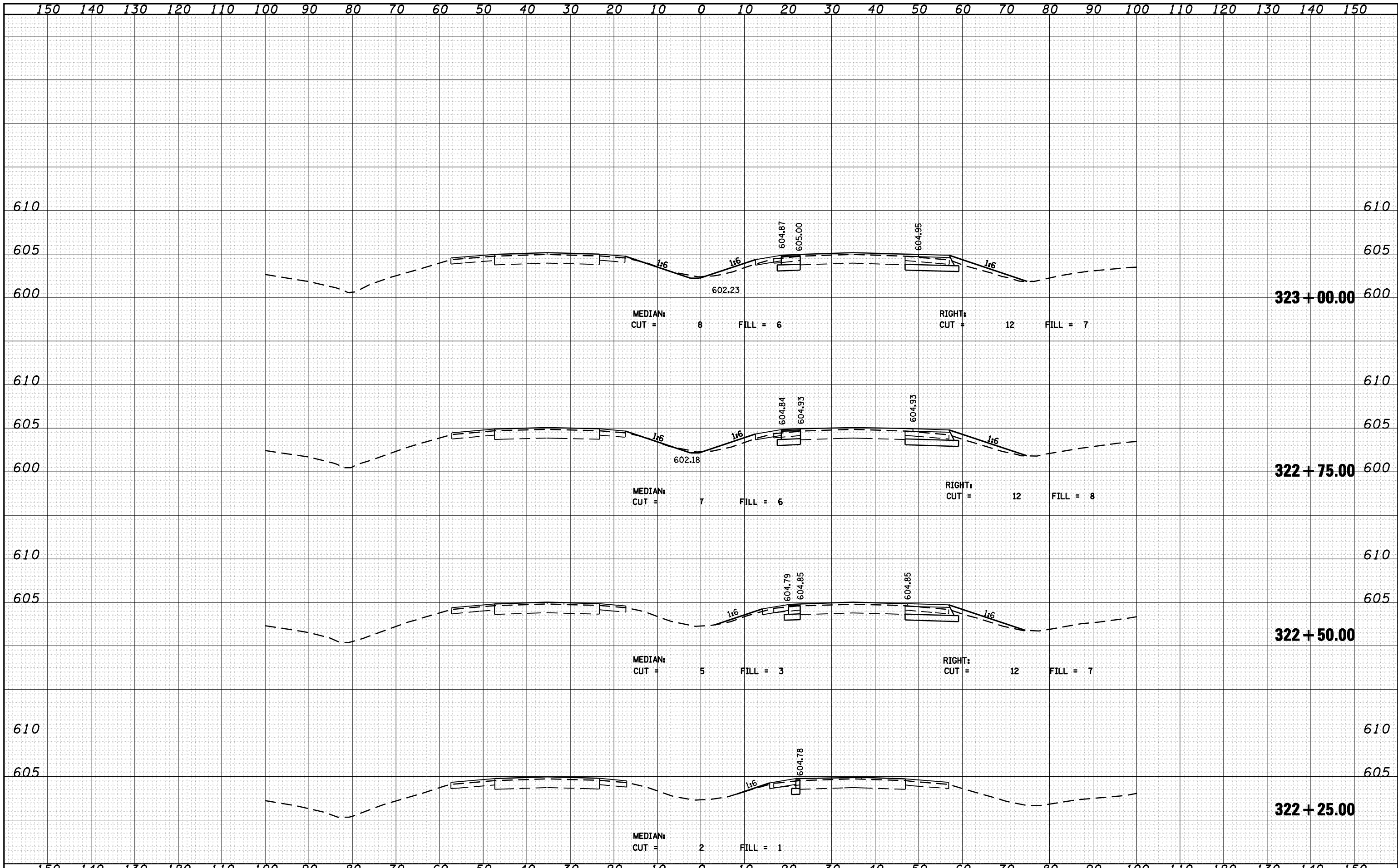
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	1888
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE	
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SURVEYED	
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JOB = 2200.4
 FILE NAME = D672B99-xssht-a200.dgn
 PLOT SCALE = 20.0000' / IN.
 PLOT DATE = Oct-29-2009 12:06:56PM

DESIGNED - NAK
 DRAWN - AJH
 CHECKED - NAK
 DATE - 8/27/2009

REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

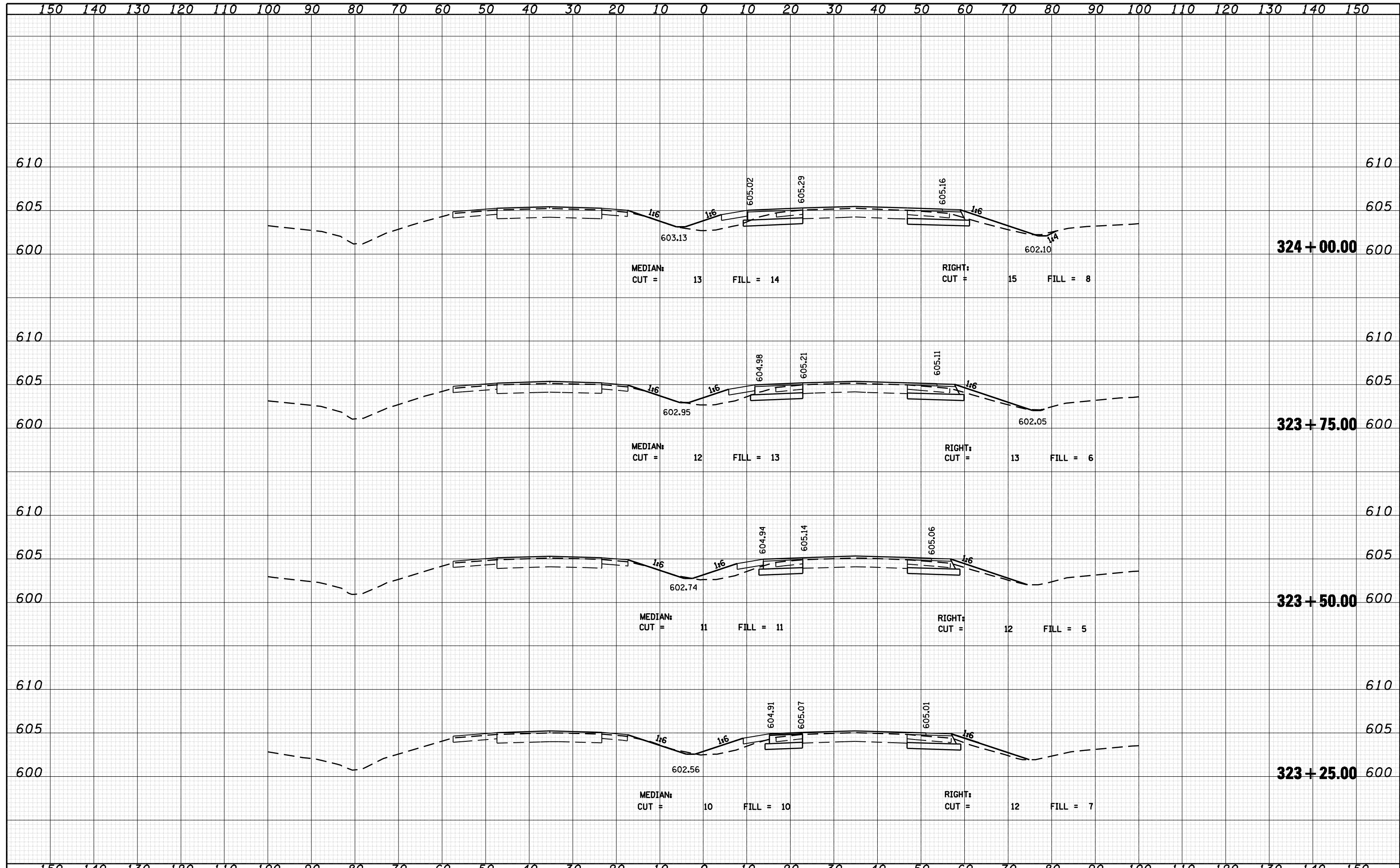
CROSS SECTIONS - IL 4/VETERANS PARKWAY (NORTH)

SCALE: SHEET NO. OF SHEETS STA. 322+25.00 TO STA. 323+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, T-6	SANGAMON	244	189
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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ORIGINAL SURVEY	
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JOB = 2200.4
 FILE NAME = D672B99-xssht-a200.dgn
 PLOT SCALE = 20.0000' / IN.
 PLOT DATE = Oct-29-2009 12:07:00PM

DESIGNED - NAK
 DRAWN - AJH
 CHECKED - NAK
 DATE - 8/27/2009

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

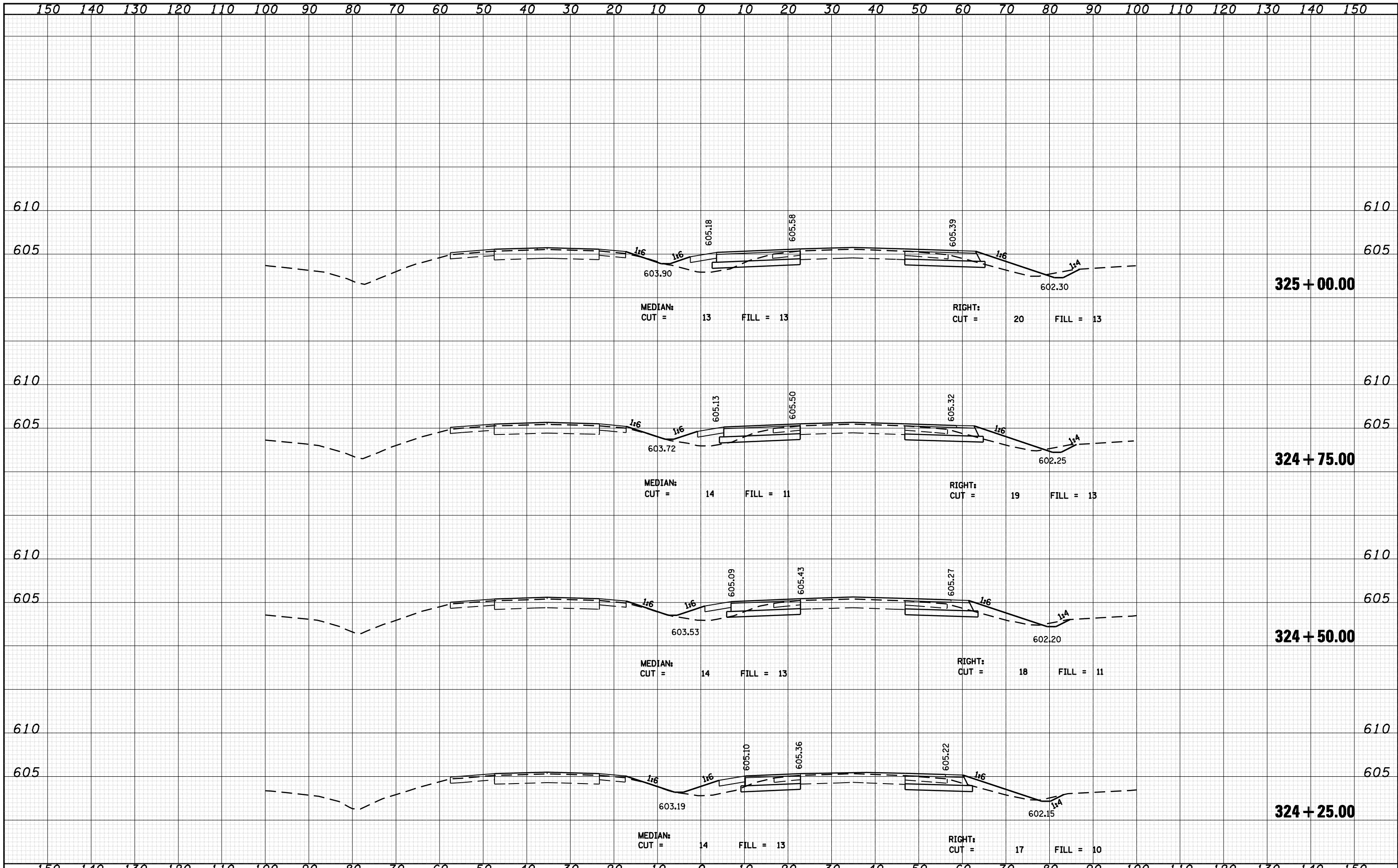
CROSS SECTIONS - IL 4 VETERANS PARKWAY (NORTH)

SCALE: SHEET NO. OF SHEETS STA. 323+25.00 TO STA. 324+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, T-6	SANGAMON	244	190
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE	
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NOTE BOOK	
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JOB = 2200.4
 FILE NAME = D672B99-xssht-a200.dgn
 PLOT SCALE = 20.0000' / IN.
 PLOT DATE = Oct-29-2009 12:07:04PM

DESIGNED - NAK
 DRAWN - AJH
 CHECKED - NAK
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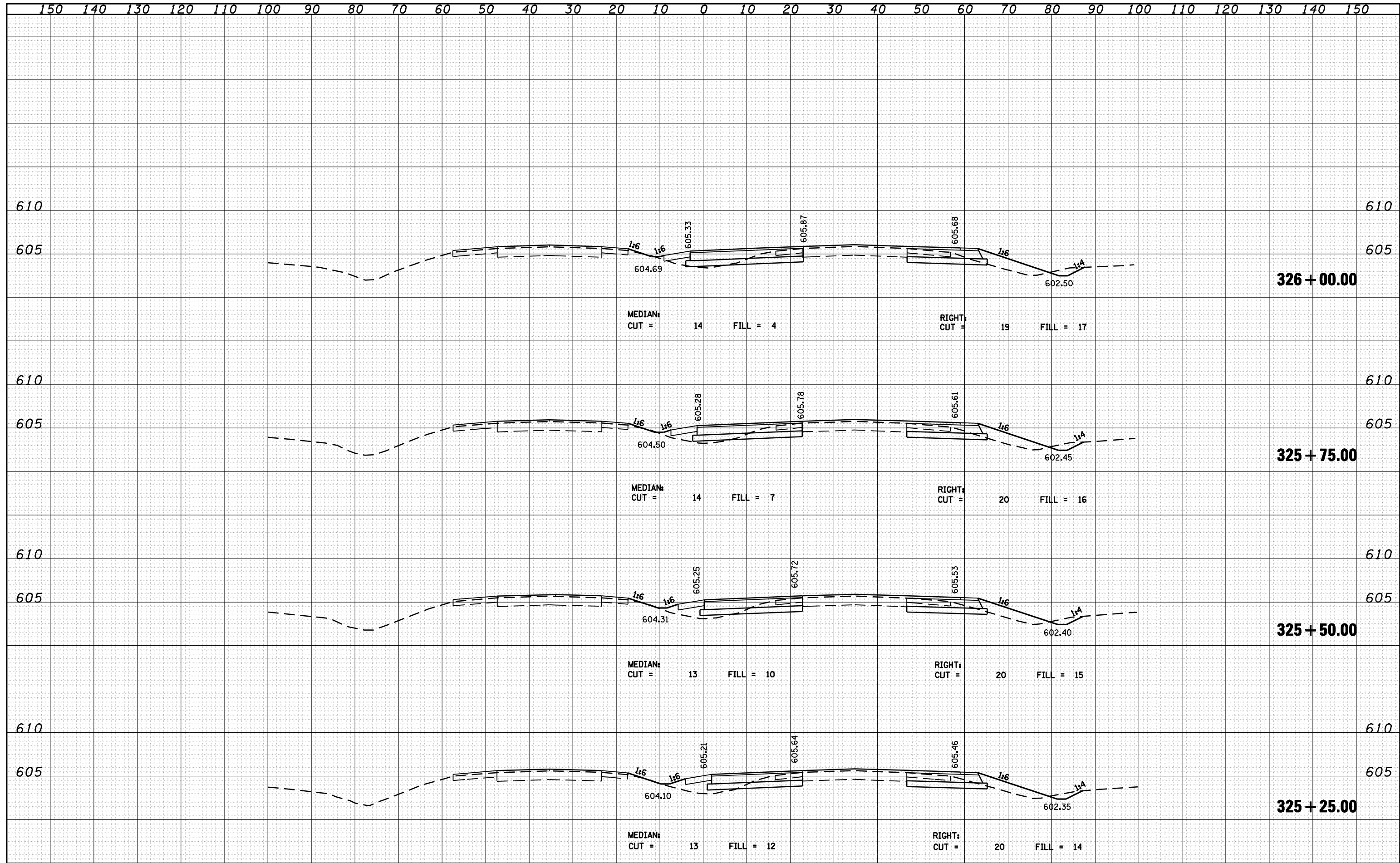
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - IL 4/VETERANS PARKWAY (NORTH)
 SCALE: SHEET NO. OF SHEETS STA. 324+25.00 TO STA. 325+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, T-6	SANGAMON	244	191
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

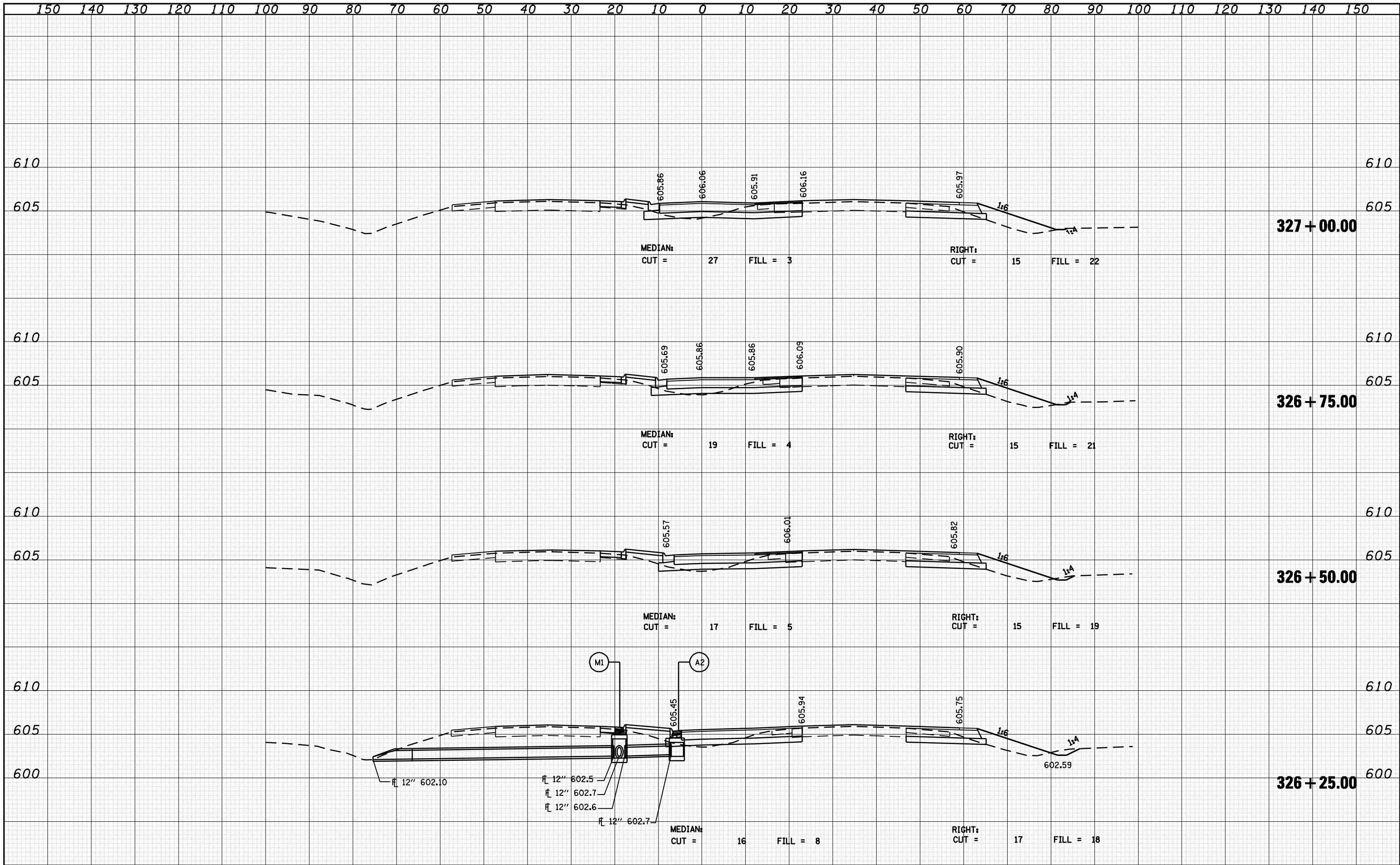
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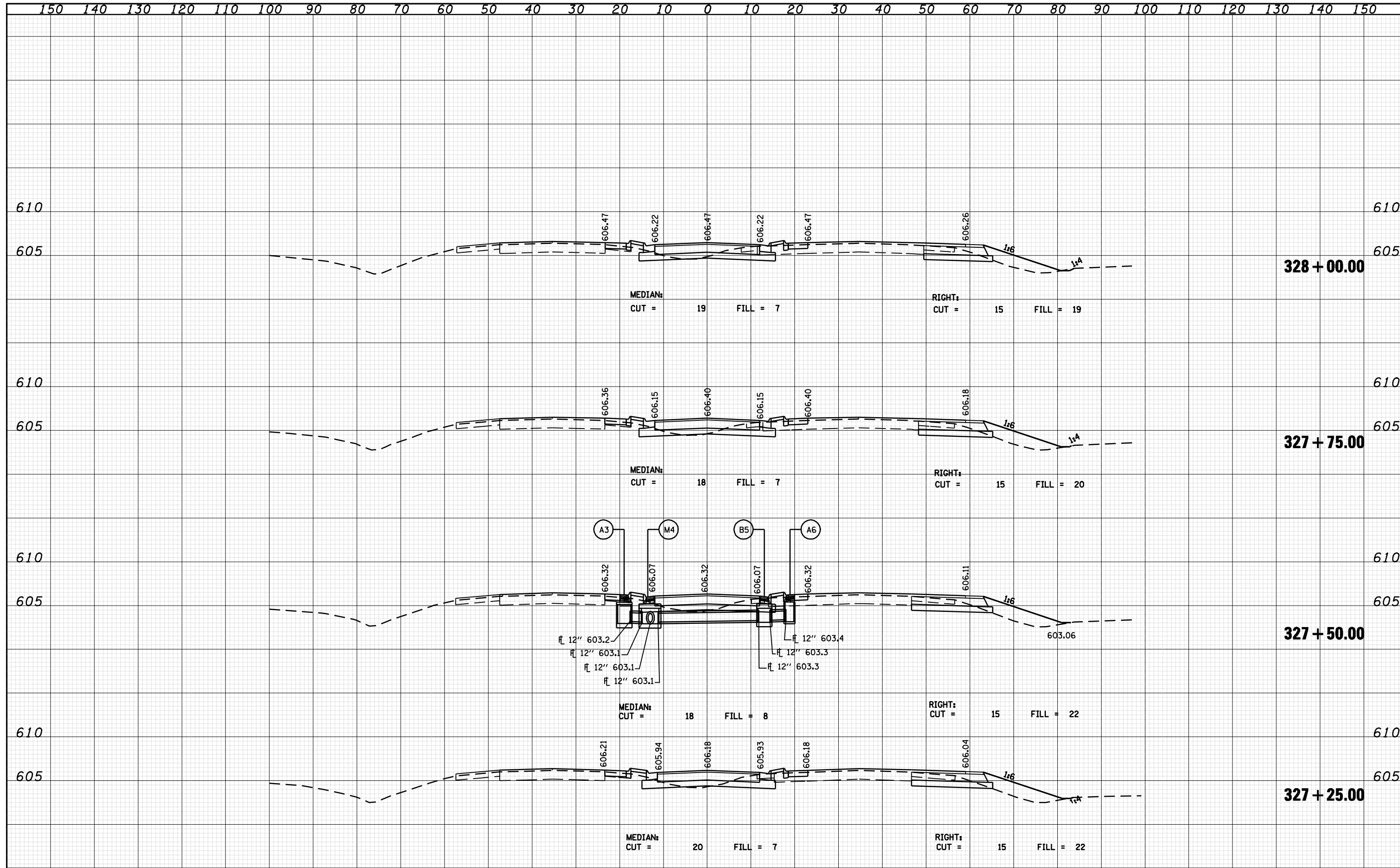
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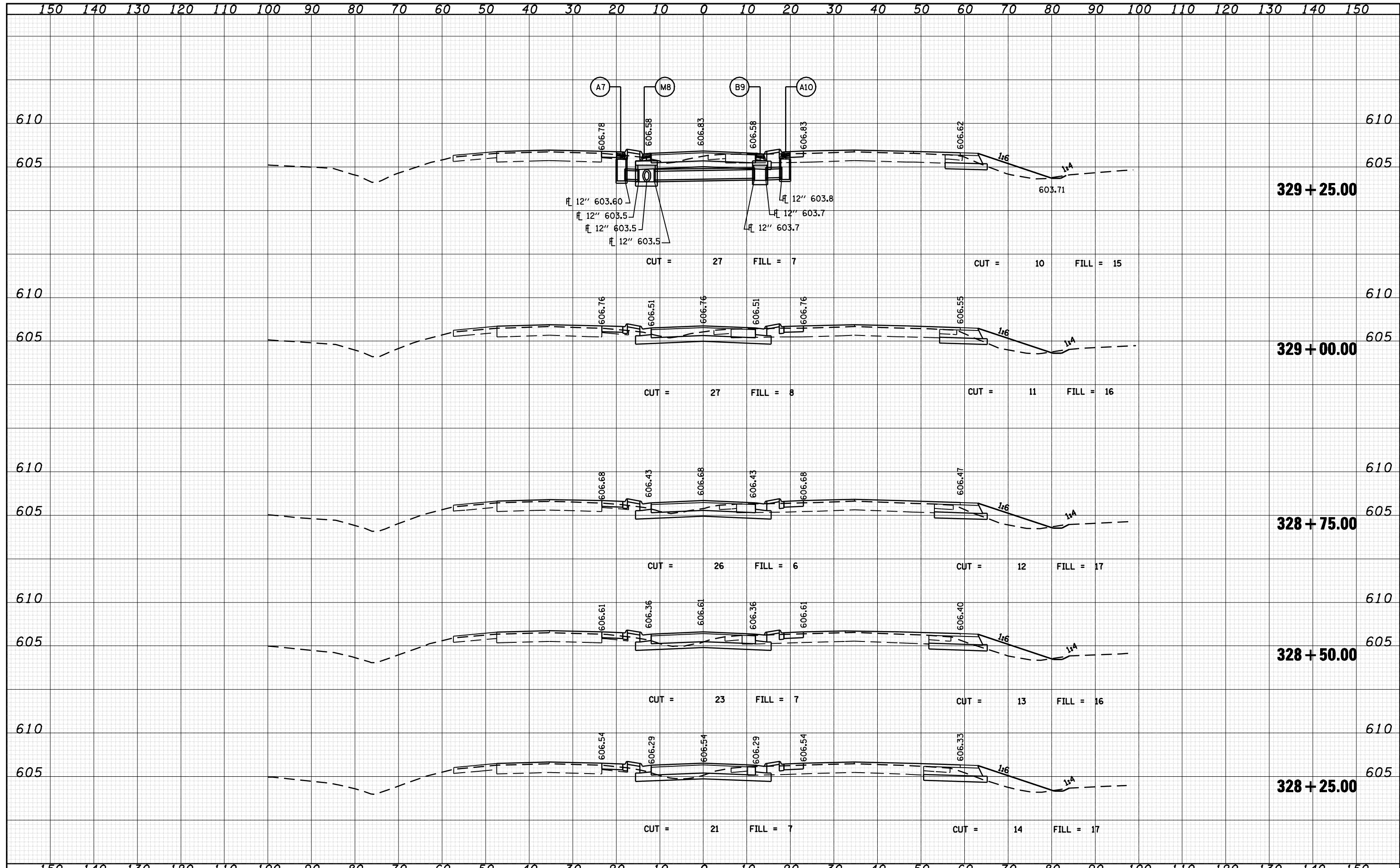
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NOTE BOOK	
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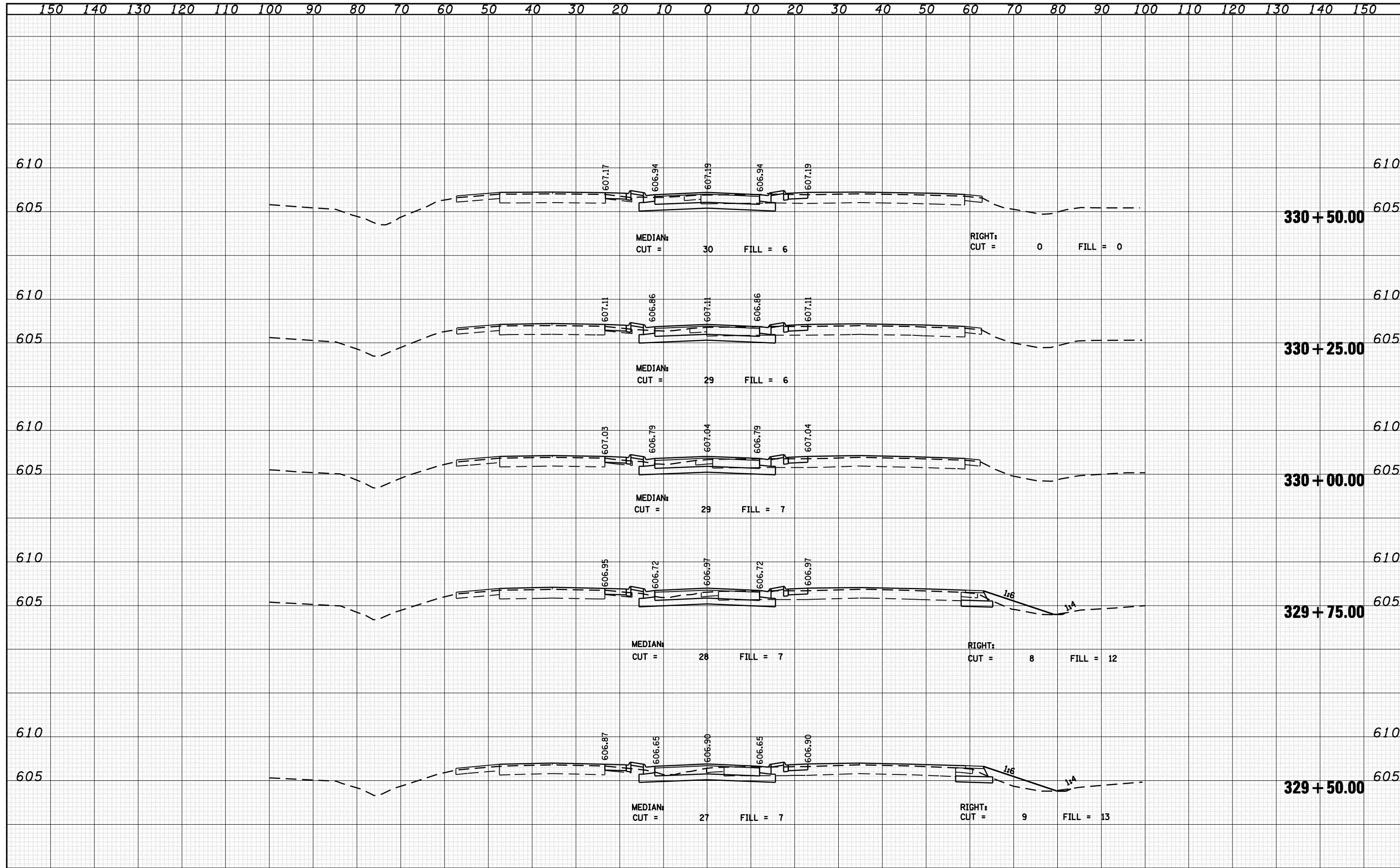
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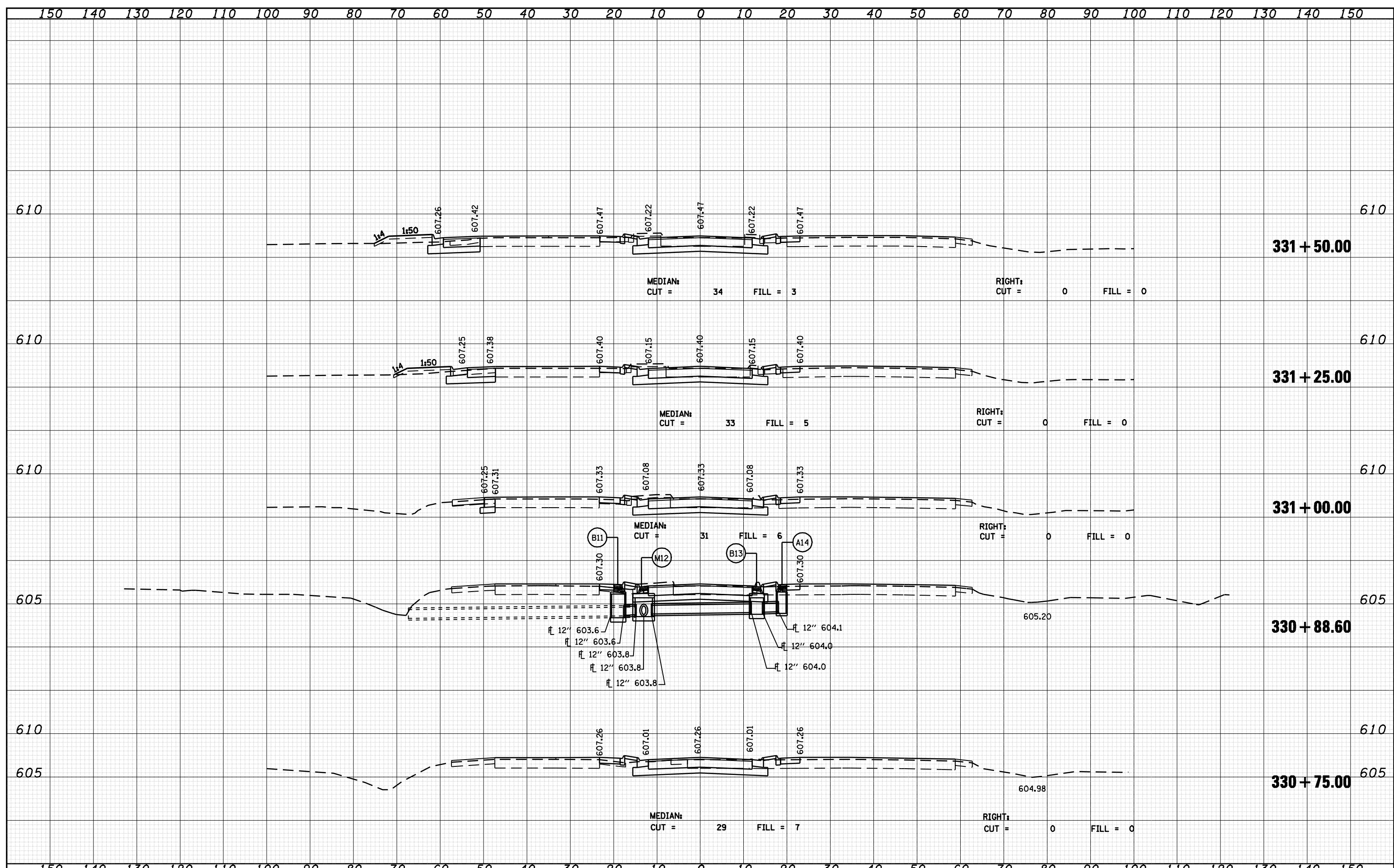
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FINAL SURVEY	
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ORIGINAL SURVEY	
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AREAS CHECKED	
FINAL SURVEY NOTE BOOK NO.	

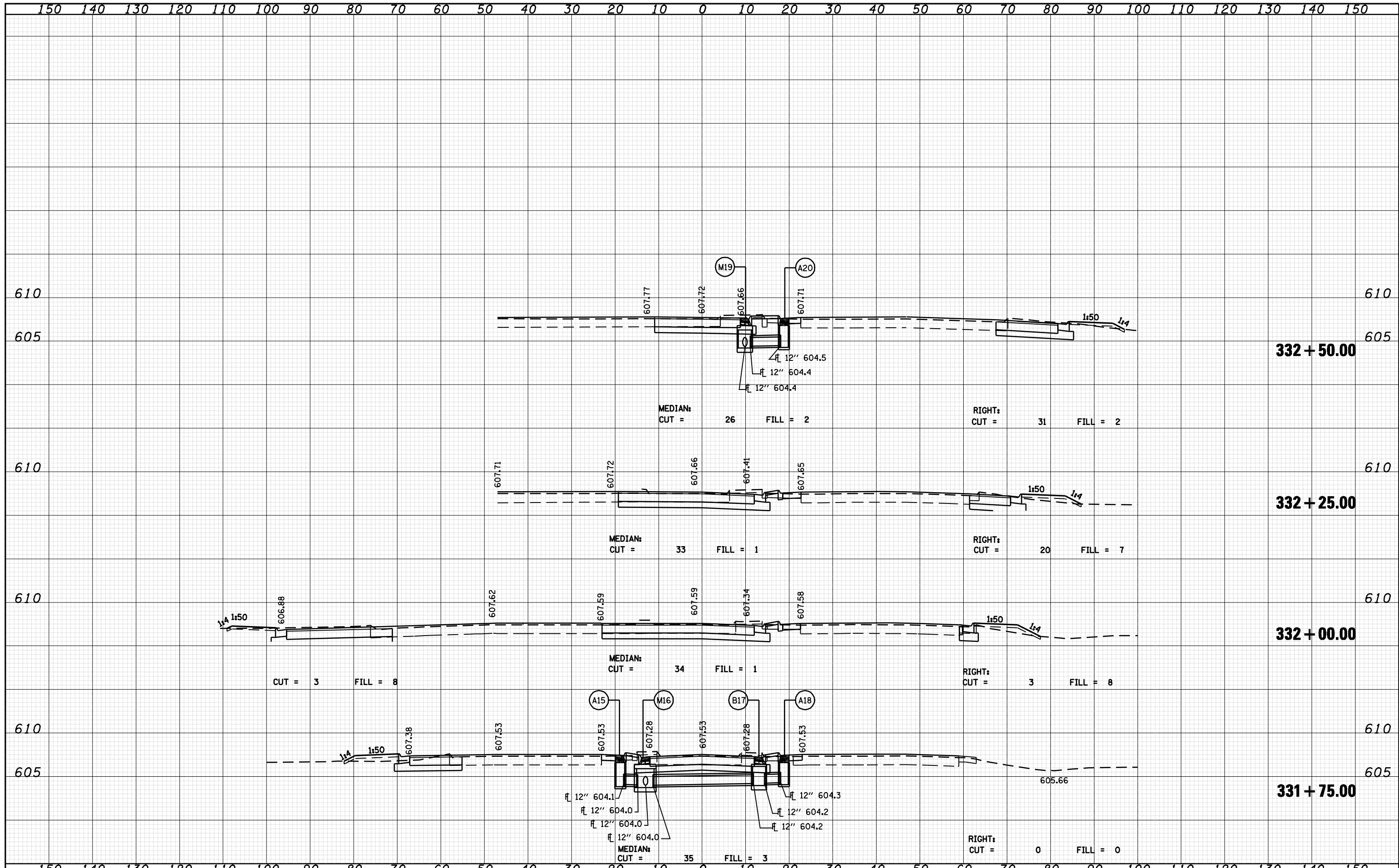
DATE	
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SURVEYED	
PLOTTED	
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AREAS CHECKED	
ORIGINAL SURVEY NOTE BOOK NO.	



CEC Cummins Engineering Corporation Civil and Structural Engineering	JOB = 2200.4	DESIGNED - NAK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - IL 4 VETERANS PARKWAY (NORTH)	F.A.P. RTE. = 662	SECTION = (2-1-2, 2-2) RS, T-6	COUNTY = SANGAMON	TOTAL SHEETS = 244	SHEET NO. = 197
	FILE NAME = D672B99-xssht-a200.dgn	DRAWN - AJH	REVISED -			SCALE = 28.0000' / IN.	CHECKED - NAK	REVISED -	CONTRACT NO. 72B99	
	PLOT DATE = Oct-29-2009 12:07:26PM	DATE = 8/27/2009	REVISED -			STA. 330+75.00 TO STA. 331+50.00				

DATE	
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NOTE BOOK	
AREAS CHECKED	
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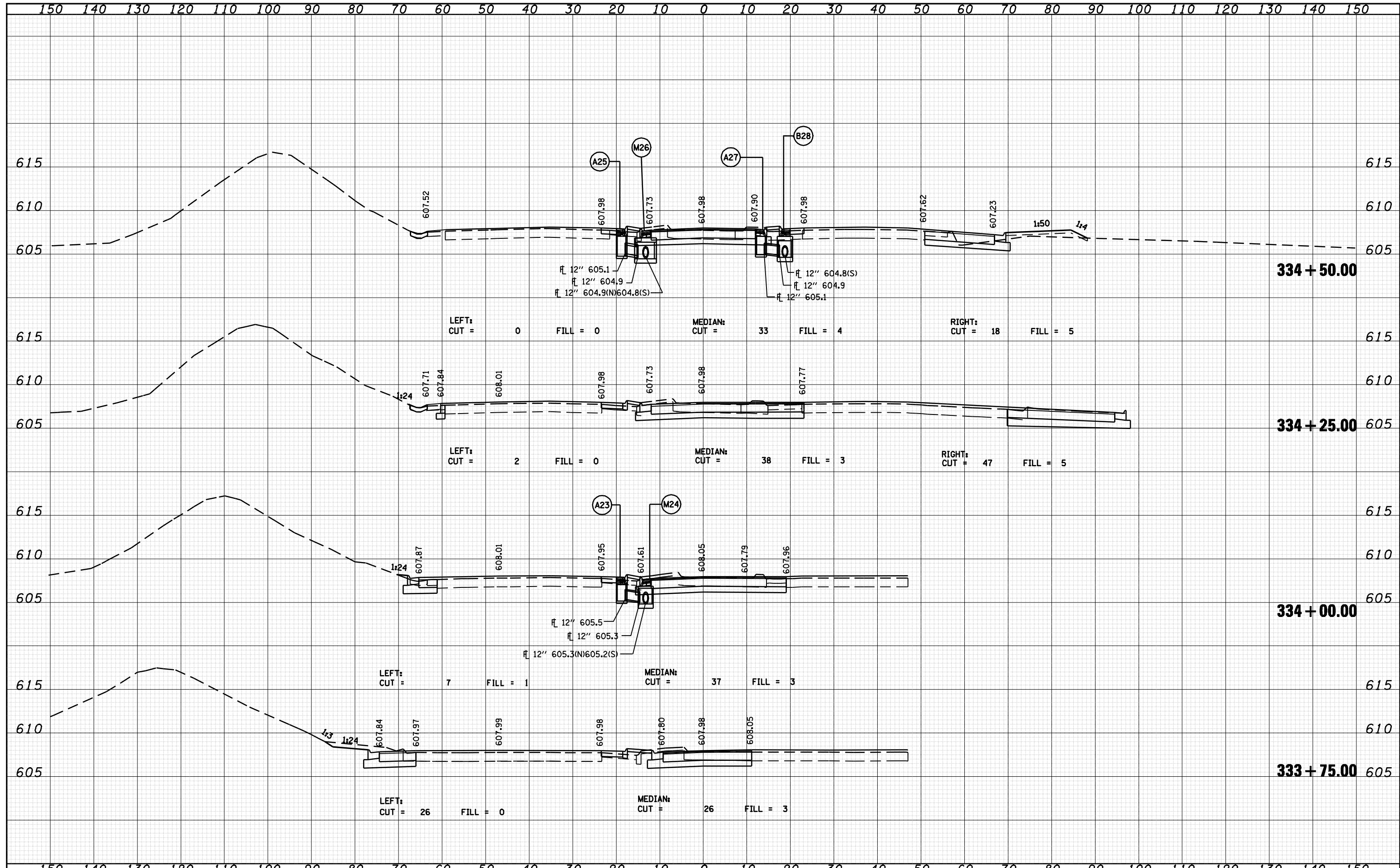
DATE	
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ORIGINAL SURVEY	
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NOTE BOOK	
AREAS CHECKED	
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	JOB = 2200.4	DESIGNED - NAK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - IL 4 VETERANS PARKWAY (NORTH)	F.A.P. RTE. 662	SECTION (2-1-2, 2-2) RS, T-6	COUNTY SANGAMON	TOTAL SHEETS 244	SHEET NO. 198
	FILE NAME = D672B99-xssht-a200.dgn	DRAWN - AJH	REVISED -			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
	PLOT SCALE = 20.0000' / IN.	CHECKED - NAK	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. 331+75.00 TO STA. 332+50.00		
	PLOT DATE = Oct-29-2009 12:07:30PM	DATE - 8/27/2009	REVISED -							

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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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	AREAS CHECKED
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DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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JOB = 2200.4
 FILE NAME = D672B99-xssht-a200a.dgn
 PLOT SCALE = 20.0000' / IN.
 PLOT DATE = Oct-29-2009 12:07:34PM

DESIGNED - NAK
 DRAWN - AJH
 CHECKED - NAK
 DATE - 8/27/2009

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - IL 4 VETERANS PARKWAY (SOUTH)

SCALE: SHEET NO. OF SHEETS STA. 333+75.00 TO STA. 334+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, T-6	SANGAMON	244	199
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY	
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