






NOTE:
 FOR EROSION CONTROL
 STORM DRAIN INLET
 PROTECTION DETAIL AND
 NOTES SEE SHEET NO. 99

LEGEND

-  PERIMETER EROSION BARRIER (SEE STD 280001)
-  TEMPORARY FENCE (PLACED AT DRIP LINE OF TREE)
-  STORM DRAIN INLET PROTECTION
 TEMPORARY EROSION CONTROL BLANKET (28001100)
 TEMPORARY EROSION CONTROL SEEDING (28000250)
 TEMPORARY DITCH CHECK (28000305)
 OR INLET FILTERS IN PAVED AREAS (28000510)
-  TEMPORARY DITCH CHECK (SEE STD 280001)
-  PRUNING AND ROOT PRUNING

FILE NAME
 50101-EROS-03.dgn
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USER NAME= Mibeening
 PLOT SCALE: 100.0000' / in.
 PLOT DATE: 4/2/2020

DESIGNED - CEC
 DRAWN - CEC
 CHECKED - DWB
 DATE - 4/2/2020

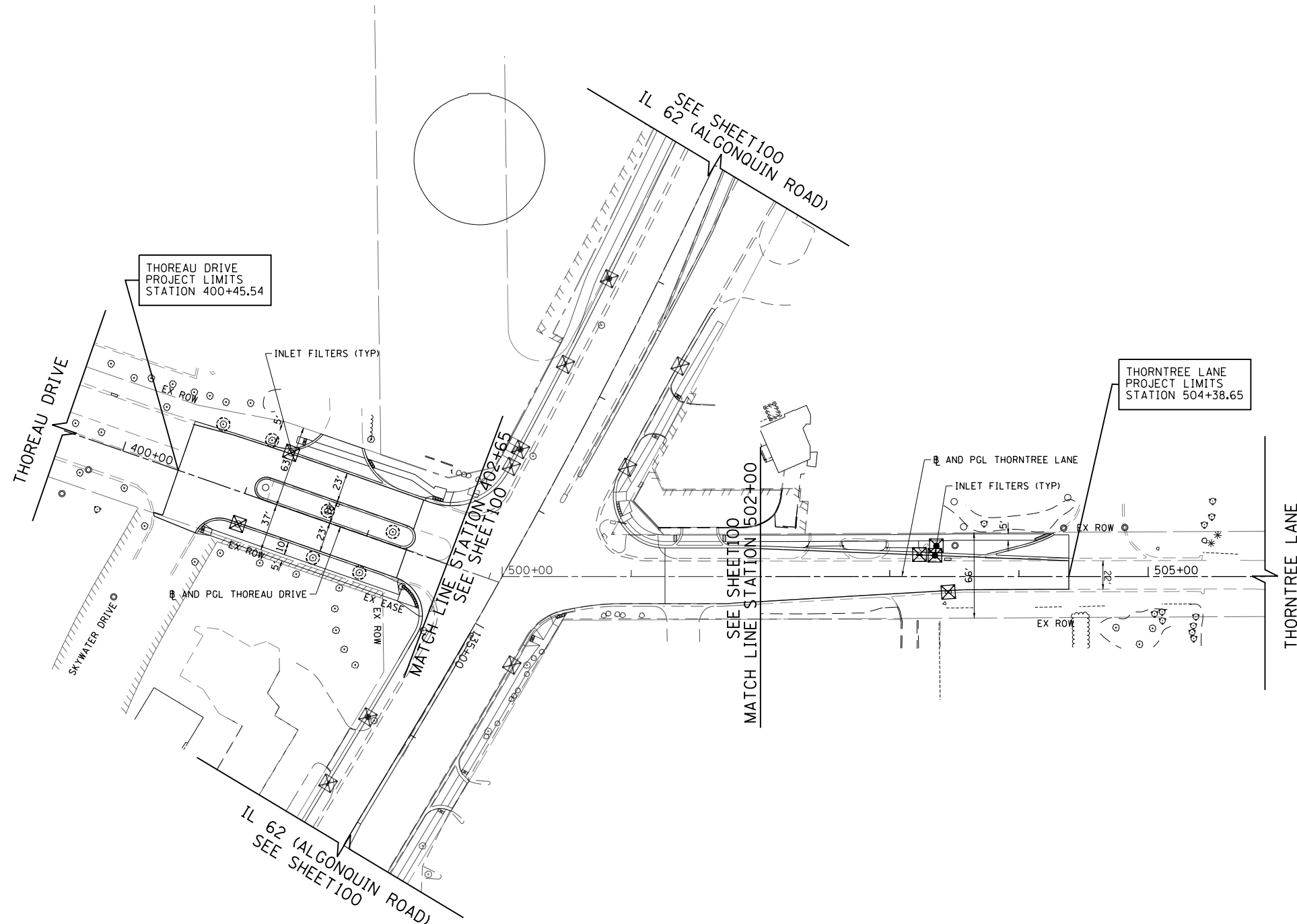
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD
 EROSION AND SEDIMENT CONTROL PLAN**






SCALE: 1"=50' SHEET 3 OF 4 SHEETS STA. 208+00 TO STA. 223+48

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0339	16-00068-00-WR	COOK	301	101
CONTRACT NO. 61G20				
ILLINOIS		FED. AID PROJECT		



NOTE:
 FOR EROSION CONTROL
 STORM DRAIN INLET
 PROTECTION DETAIL AND
 NOTES SEE SHEET NO. 99

LEGEND

-  PERIMETER EROSION BARRIER (SEE STD 280001)
-  TEMPORARY FENCE
(PLACED AT DRIP LINE OF TREE)
-  STORM DRAIN INLET PROTECTION
 TEMPORARY EROSION CONTROL BLANKET (28001100)
 TEMPORARY EROSION CONTROL SEEDING (28000250)
 TEMPORARY DITCH CHECK (28000305)
 OR INLET FILTERS IN PAVED AREAS (28000510)
-  TEMPORARY DITCH CHECK (SEE STD 280001)
-  PRUNING AND ROOT PRUNING



FILE NAME 50101-EROS-04.dgn	USER NAME: Mibeening	DESIGNED - CEC	REVISED -
Default	PLOT SCALE: 100.0000' / in.	DRAWN - CEC	REVISED -
	PLOT DATE: 4/2/2020	CHECKED - DWB	REVISED -
		DATE - 4/2/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

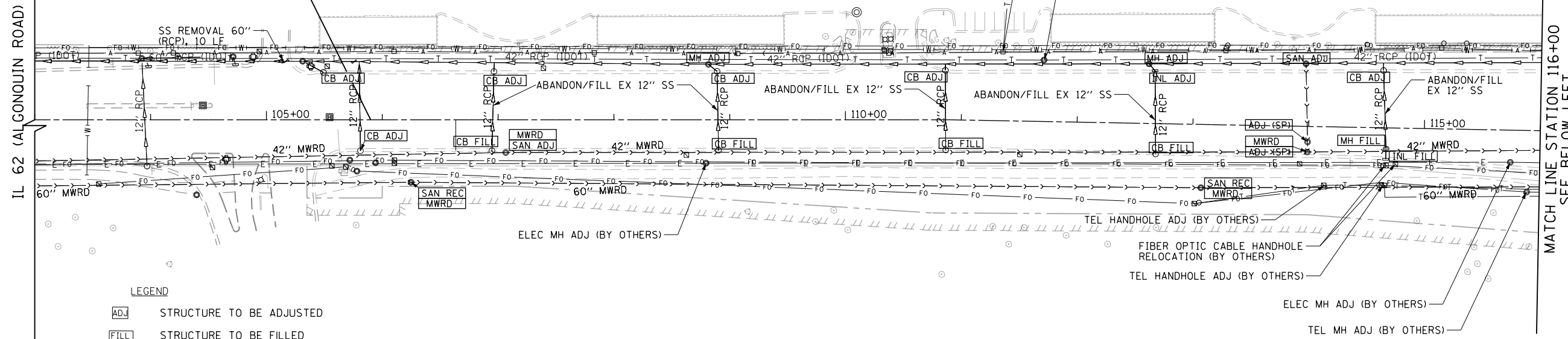
**IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD
 EROSION AND SEDIMENT CONTROL PLAN**

SCALE: 1"=50' SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 102
CONTRACT NO. 61G20				
ILLINOIS		FED. AID PROJECT		

IL 62 (ALGONQUIN ROAD)

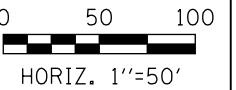
IL 62 (ALGONQUIN ROAD)
PROJECT BEGINS
STATION 105+90.00



LEGEND

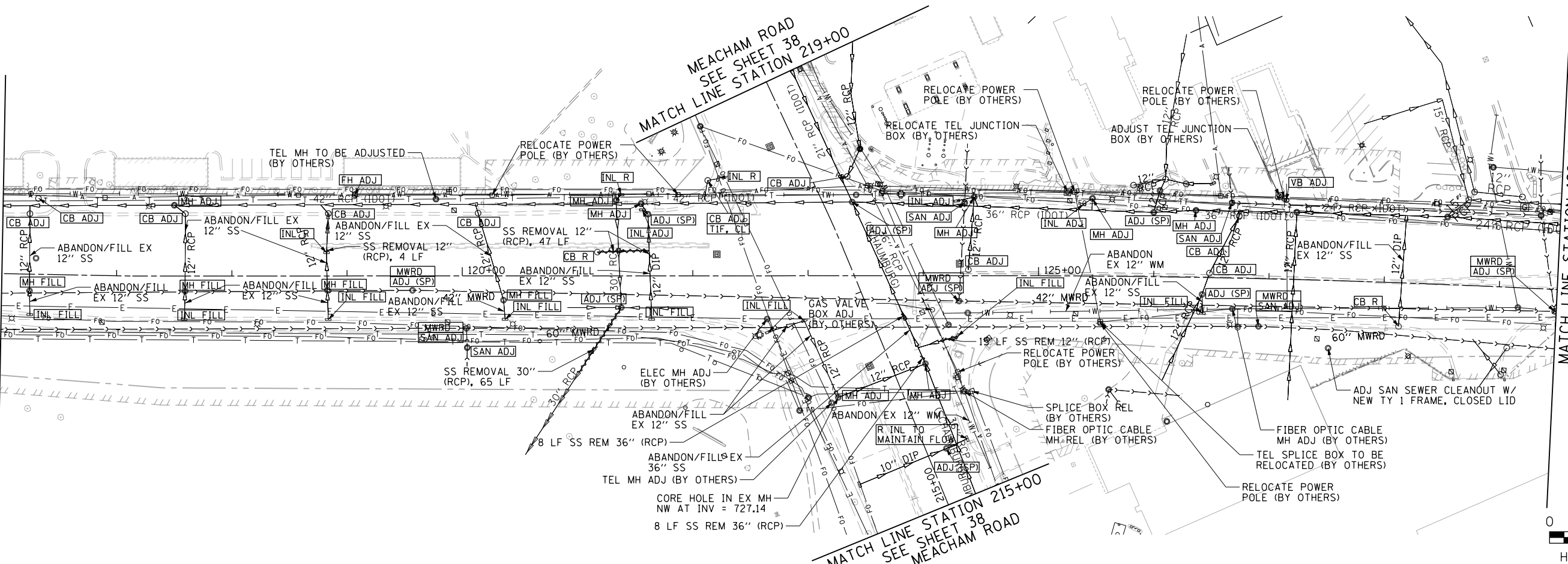
- ADJ STRUCTURE TO BE ADJUSTED
- FILL STRUCTURE TO BE FILLED
- R STRUCTURE TO BE REMOVED
- REC STRUCTURE TO BE RECONSTRUCTED

MATCH LINE STATION 116+00
SEE BELOW LEFT

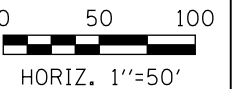


SEE ABOVE RIGHT
MATCH LINE STATION 116+00

MEACHAM ROAD
SEE SHEET 38
MATCH LINE STATION 219+00



MATCH LINE STATION 129+50
SEE SHEET 104



FILE NAME
50101-DU.REM-01.dgn
Default

USER NAME: Mibeering
DRAWN - CEC
CHECKED - DWB
PLOT DATE: 4/2/2020

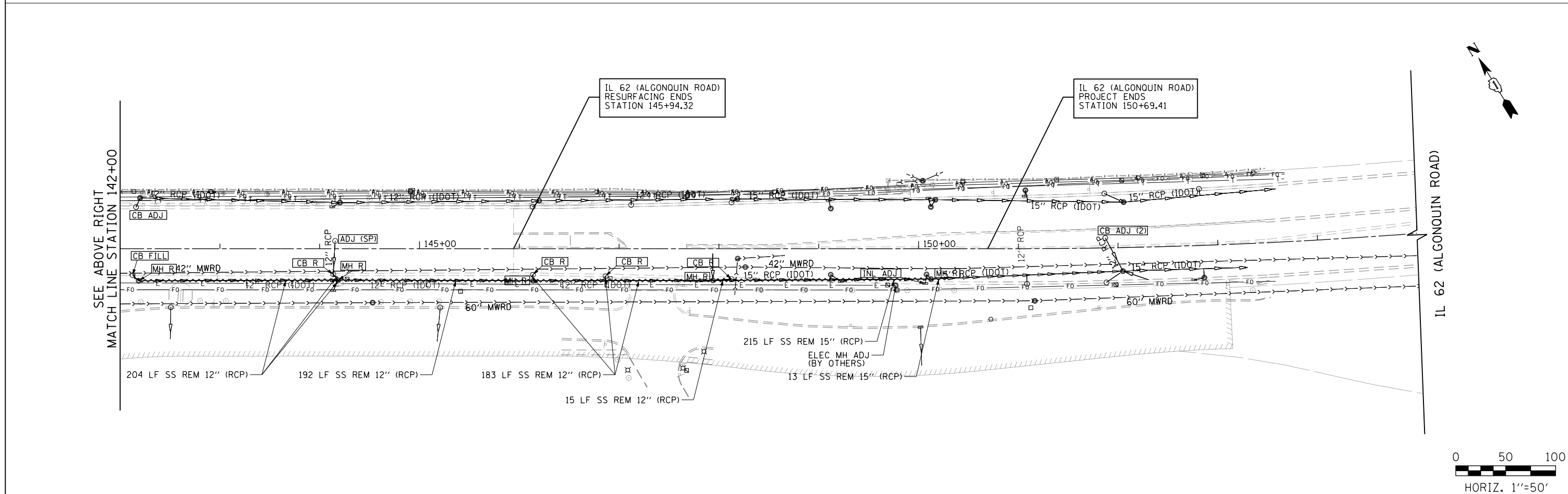
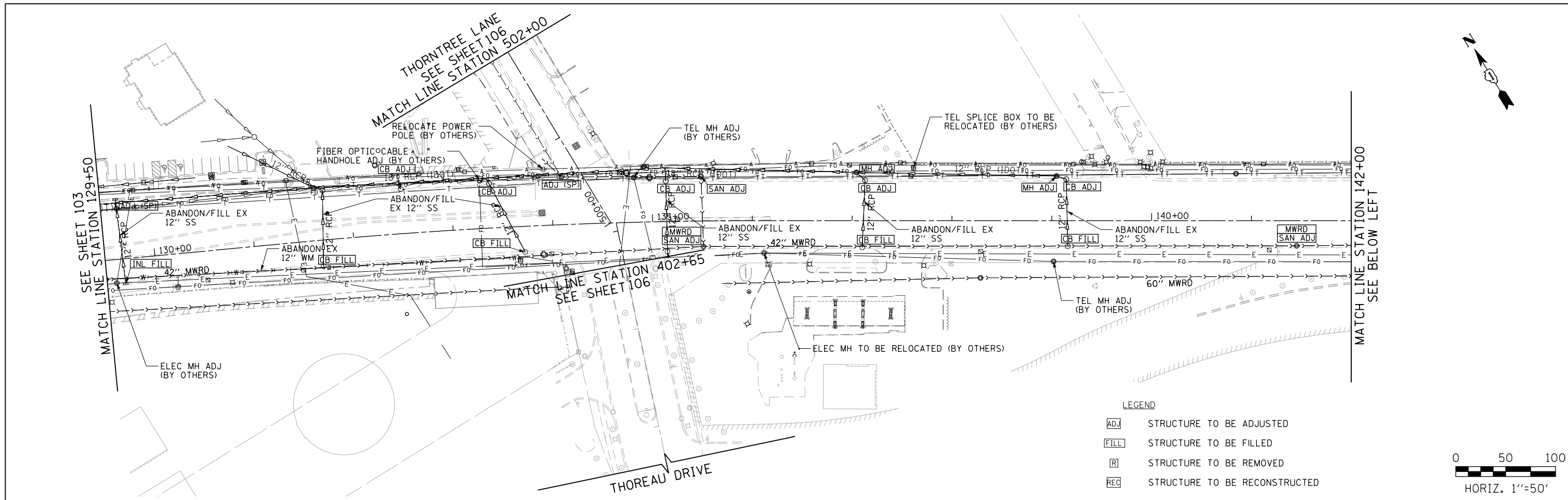
DESIGNED - CEC
DATE 4/2/2020
REVISIONS:
REVISED -
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REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

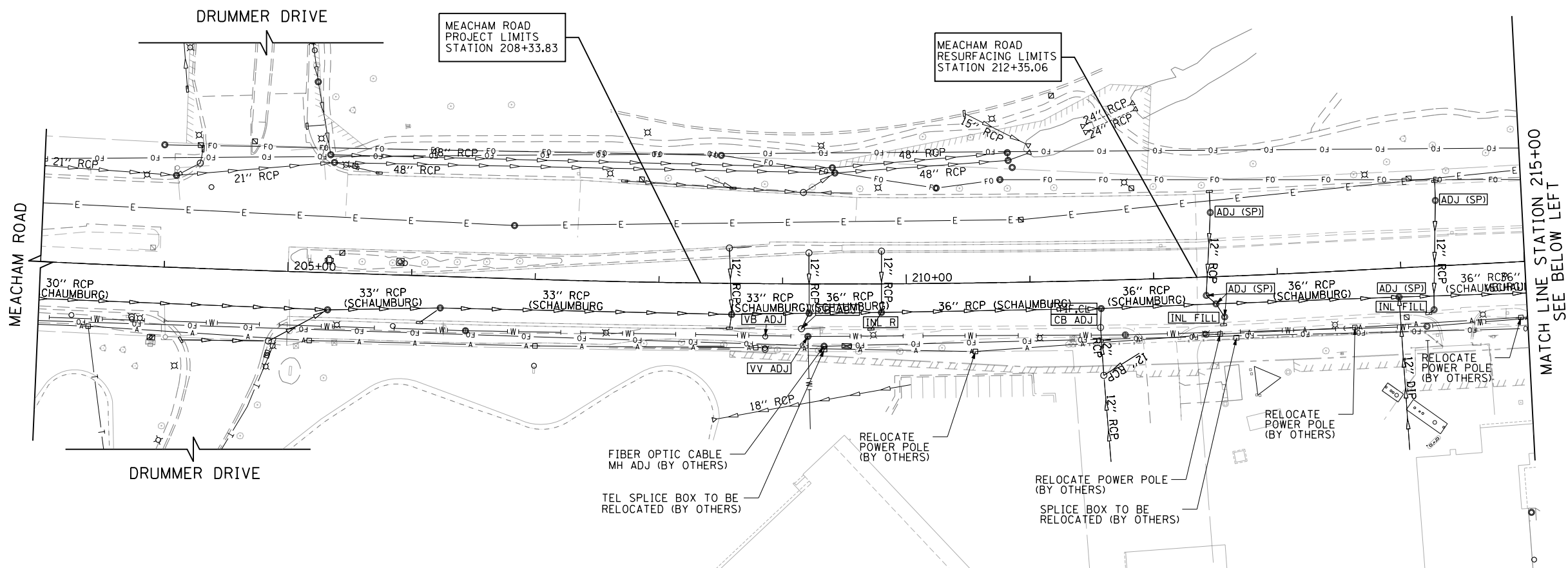
IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD
DRAINAGE REMOVAL PLAN

SCALE: 1"=50' SHEET 1 OF 4 SHEETS STA. 103+00 TO STA. 129+50

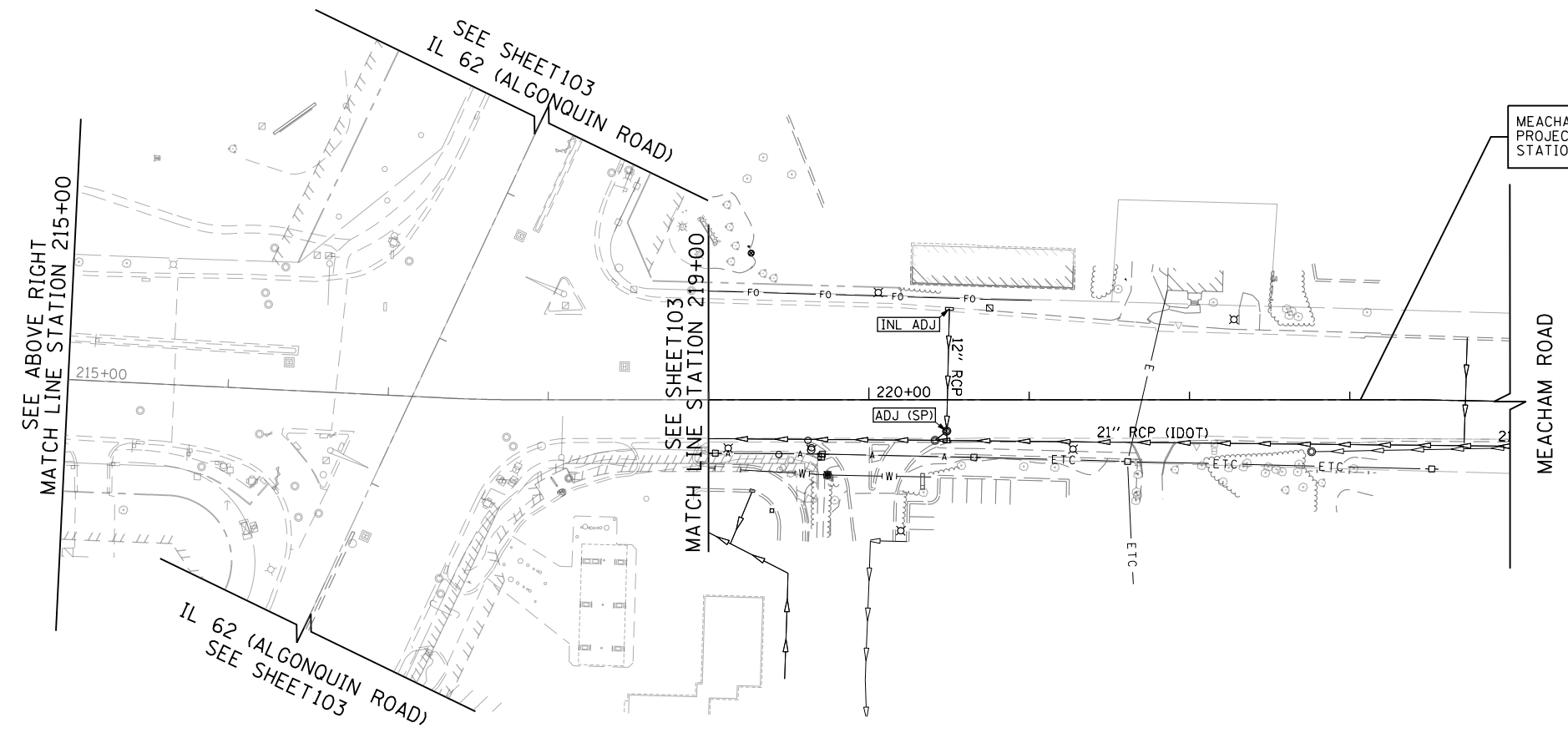
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0339	16-00068-00-WR	COOK	301	103
CONTRACT NO. 61G20				
ILLINOIS		FED. AID PROJECT		



FILE NAME 50101-DU.REM-02.dgn	USER NAME= Mibeening	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD DRAINAGE REMOVAL PLAN		F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 104	
Default	PLOT SCALE: 100.0000' / in.	CHECKED - DWB	REVISED -		SCALE: 1"=50'	SHEET 2 OF 4 SHEETS	STA. 129+50 TO STA. 153+00	CONTRACT NO. 61G20				
	PLOT DATE: 4/2/2020	DATE 4/2/2020	REVISED -		ILLINOIS FED. AID PROJECT							



- LEGEND**
- ADJ STRUCTURE TO BE ADJUSTED
 - FILL STRUCTURE TO BE FILLED
 - R STRUCTURE TO BE REMOVED
 - REC STRUCTURE TO BE RECONSTRUCTED

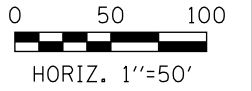
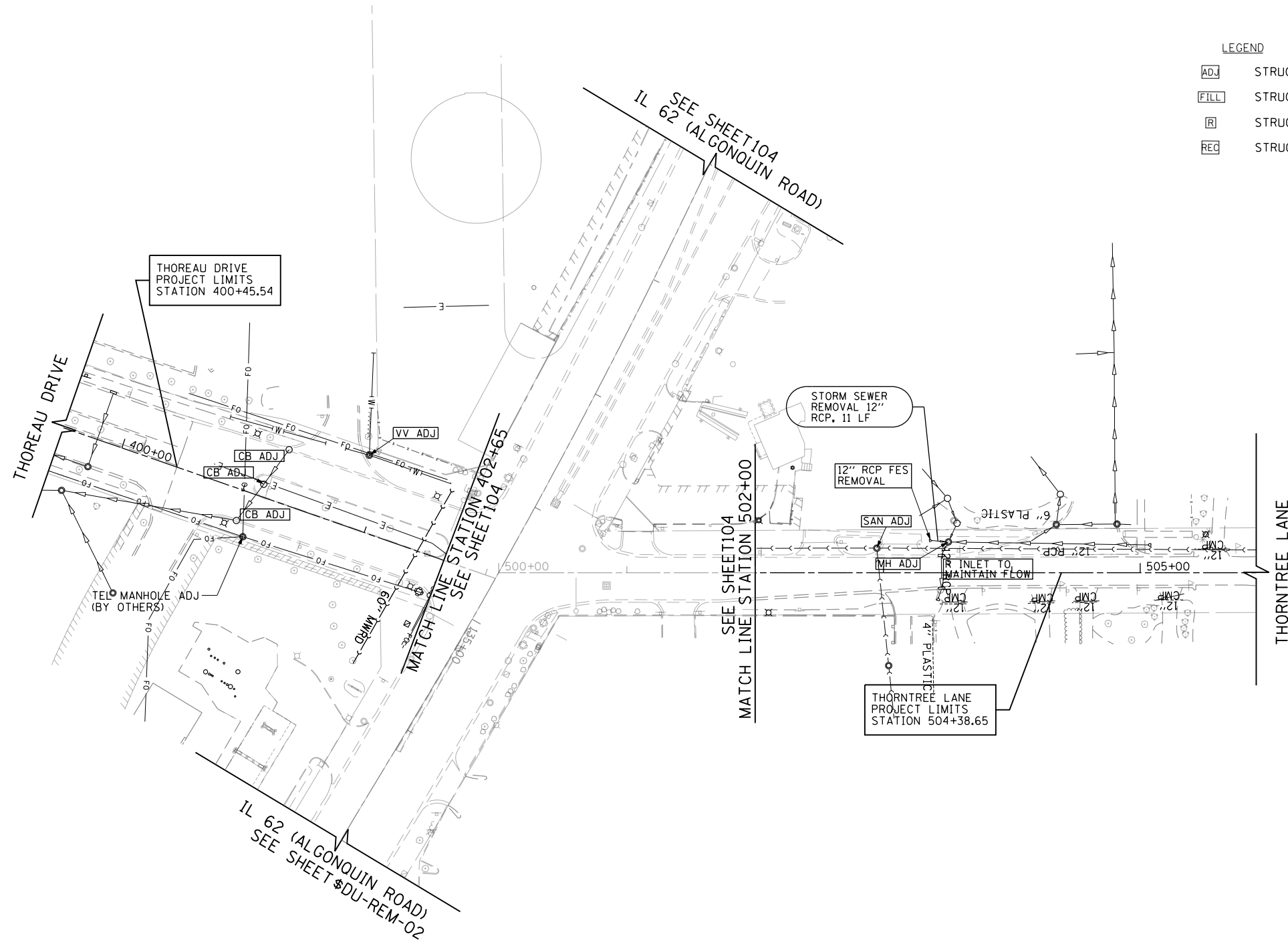


FILE NAME 50101-DU.REM-03.dgn	USER NAME: Mibeening	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD DRAINAGE REMOVAL PLAN	F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 105		
Default	PLOT SCALE: 100.0000' / in.	CHECKED - DWB	REVISED -			SCALE: 1"=50'	SHEET 3 OF 4 SHEETS	STA. 208+00	TO STA. 223+48	CONTRACT NO. 61620		
	PLOT DATE: 4/2/2020	DATE: 4/2/2020	REVISED -			ILLINOIS FED. AID PROJECT						



LEGEND

- ADJ STRUCTURE TO BE ADJUSTED
- FILL STRUCTURE TO BE FILLED
- R STRUCTURE TO BE REMOVED
- REC STRUCTURE TO BE RECONSTRUCTED



FILE NAME 50101-DU.REM-04.dgn*	USER NAME: Mibeening	DESIGNED - CEC	REVISED -
		DRAWN - CEC	REVISED -
	PLOT SCALE: 100.0000' / in.	CHECKED - DWB	REVISED -
Default	PLOT DATE: 4/2/2020	DATE - 4/2/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD
DRAINAGE REMOVAL PLAN**

SCALE: 1"=50' SHEET 4 OF 4 SHEETS STA. 400+00 TO STA. 505+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0339	16-00068-00-WR	COOK	301	106
CONTRACT NO. 61G20				
ILLINOIS FED. AID PROJECT				

DRAINAGE STRUCTURES – SHEET 1 ILLINOIS ROUTE 62 (ALGONQUIN ROAD) STA 103+00 TO STA 116+00

STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE TYPE	FRAME & GRATE	RIM ELEVATION	INVERT ELEVATIONS								
						NORTH	NORTHEAST	EAST	SOUTHEAST	SOUTH	SOUTHWEST	WEST	NORTHWEST	PIPE UNDERDRAIN
1-01	105+14.72	50.6' LT	MH, TYPE A, 10'-DIAMETER	TYPE 1 FRAME, CLOSED LID	725.14				EX 60°=715.69		716.17		EX 60°=715.67	
1-02	STRUCT=105+58.00, RIM=105+59.2	STRUCTURE = 62.0' RT, RIM = 65.9' RT	MH, TYPE A, 9'-DIAMETER	TYPE 1 FRAME, CLOSED LID	724.50		716.34		716.44					
1-03	106+00.00	48.0' RT	MH, TYPE A, 9'-DIAMETER, RESTRICTOR PLATE	2 TYPE 1 FRAME, CLOSED LID	725.04			716.49					716.49	
1-04	106+40.00	46.0' RT	MH, TYPE A, 9'-DIAMETER	TYPE 1 FRAME, CLOSED LID	725.70			716.54	716.54	722.61		716.54	722.54	
1-05	108+90.00	45.1' RT	MH, TYPE A, 9'-DIAMETER	TYPE 1 FRAME, CLOSED LID	730.94		727.02	716.90				716.90		
1-06	110+80.00	49.3' RT	MH, TYPE A, 9'-DIAMETER	TYPE 1 FRAME, CLOSED LID	735.53		731.77	717.17			729.37	717.17		
1-07	113+00.00	61.0' RT	MH, TYPE A, 9'-DIAMETER	TYPE 1 FRAME, CLOSED LID	737.93			717.48				717.48		
1-08	114+10.00	69.2' RT	MH, TYPE A, 9'-DIAMETER	TYPE 1 FRAME, CLOSED LID	737.80			717.64				717.64		
1-09	115+75.00	73.2' RT	MH, TYPE A, 9'-DIAMETER	TYPE 1 FRAME, CLOSED LID	735.23		731.97	717.87				717.87		
1-10	106+10.00	25.3' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	725.49				722.69					EAST=722.79
1-11	106+50.00	53.5' RT	CB, TYPE C	TYPE 8 GRATE	724.14								722.64	
1-12	107+40.00	28.2' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	727.42								723.42	EAST=724.42
1-13	109+00.00	31.8' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	731.13						727.13			EAST=728.13
1-14	110+50.00	64.5' RT	CB, TYPE C	TYPE 8 GRATE	732.14		729.64							
1-15	0111+10.00	36.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	736.03						732.03			EAST=733.03
1-16	0115+80.00	54.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	736.10						732.10			WEST=733.10

DRAINAGE STRUCTURES – SHEET 2 ILLINOIS ROUTE 62 (ALGONQUIN ROAD) STA 116+00 TO STA 129+50

STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE TYPE	FRAME & GRATE	RIM ELEVATION	INVERT ELEVATIONS								
						NORTH	NORTHEAST	EAST	SOUTHEAST	SOUTH	SOUTHWEST	WEST	NORTHWEST	PIPE UNDERDRAIN
2-01	117+05.00	73.5' RT	MH, TYPE A, 9'-DIAMETER	TYPE 1 FRAME, CLOSED LID	734.48		730.26	718.06			728.92	718.06		
2-02	119+10.00	73.5' RT	MH, TYPE A, 9'-DIAMETER	TYPE 1 FRAME, CLOSED LID	732.26		728.59	718.35				718.35		
2-03	120+40.00	73.6' RT	MH, TYPE A, 9'-DIAMETER	TYPE 1 FRAME, CLOSED LID	731.47		727.30	718.54	726.28			718.54		
2-04	121+07.90	73.6' RT	MH, TYPE A, 10'-DIAMETER	TYPE 1 FRAME, CLOSED LID	731.27		PR 30° DIP=722.75 +/- SUSPENDED THRU	718.63			PR DIP 30°=722.75 +/- SUSPENDED THRU	718.63		
2-05	121+50.00	73.6' RT	MH, TYPE A, 9'-DIAMETER	TYPE 1 FRAME, CLOSED LID	731.21		727.33	718.68				718.68		
2-06	123+99.50	71.3' RT	MH, TYPE A, 8'-DIAMETER	TYPE 1 FRAME, CLOSED LID	732.04	PLUG EX 36°			727.75	EX 36°=720.62		719.04	727.48	
2-07	117+00.00	90.3' RT	CB, TYPE C	TYPE 8 GRATE	731.54		729.04							
2-08	117+10.00	60.1' RT	CB, TYPE C	TYPE 24 FRAME AND GRATE	734.34						730.34			WEST=731.34
2-09	118+15.00	60.0' RT	INLET, TYPE A	TYPE 24 FRAME AND GRATE	733.08				729.58					WEST=730.08
2-10	119+10.00	60.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	732.19						728.66	728.66		WEST=729.19
2-11	120+45.00	60.0' RT	CB, TYPE C	TYPE 24 FRAME AND GRATE	731.38						727.38			WEST=728.38
2-12	120+50.00	88.7' RT	CB, TYPE C	TYPE 8 GRATE	728.91								726.41	
2-13	121+25.00	60.0' RT	INLET, TYPE A	TYPE 24 FRAME AND GRATE	731.17				727.67					WEST=728.17
2-14	121+50.00	60.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	731.14				727.40		727.40			WEST=728.14
2-15	121+76.41	60.0' RT	INLET, TYPE A	TYPE 24 FRAME AND GRATE	731.13								727.63	EAST/WEST=728.13
2-16	122+73.00	67.5' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	731.14				727.64					EAST/WEST=728.14
2-17	124+36.70	84.8' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	731.88		728.08						728.08	SOUTH/NORTH=728.88
2-18	124+48.10	58.5' RT	INLET, TYPE A	TYPE 24 FRAME AND GRATE	732.34						728.34			NORTHEAST=729.34
2-19	121+62.30	18.0' LT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	732.66	EX 12°=726.86 +/-		728.08		EX 12°=726.97 +/-		728.21		
2-20	123+83.10	34.9' RT	MH, TYPE A, 6'-DIAMETER	TYPE 1 FRAME, CLOSED LID	732.47	EX 36°=720.44 +/-			720.54					
2-21	125+05.00	35.3' RT	CB, TYPE A, 5'-DIAMETER	TYPE 24 FRAME AND GRATE	733.36				721.62				721.12	EAST=730.36
2-22	125+65.00	39.0' RT	CB, TYPE A, 5'-DIAMETER	TYPE 24 FRAME AND GRATE	733.91				722.00				721.90	EAST=730.91
2-23	126+45.20	43.3' RT	CB, TYPE A, 5'-DIAMETER	TYPE 24 FRAME AND GRATE	734.83				722.47				722.37	EAST=731.83
2-24	126+85.00	45.2' RT	CB, TYPE A, 5'-DIAMETER	TYPE 24 FRAME AND GRATE	735.36				722.74				722.64	EAST=732.36
2-25	129+45.00	35.0' RT	CB, TYPE A, 5'-DIAMETER	TYPE 24 FRAME AND GRATE	738.87				724.51				724.01	EAST=735.87
2-26	124+00.00	4.0' LT	INLET, TYPE A	TYPE 23 FRAME AND GRATE	733.25				729.75					
2-27	121+38.00	83.7' LT	CB, TYPE C	TYPE 8 GRATE	727.43						724.43			
2-28	118+82.40	24.0' LT	INLET, TYPE A	TYPE 23 FRAME AND GRATE	733.86		EX 12°=730.87 +/-							
2-29	121+17.20	24.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	732.62			728.62						
2-30	122+10.00	24.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	732.52							728.52		
2-31	121+02.20	82.4' RT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	731.00		722.53 +/-				EX 30°=722.50 +/-			
2-32	215+47.60	48.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	731.38	728.66				728.65		728.65		SOUTH=728.75
2-33	215+65.00	48.0' RT	INLET, TYPE A	TYPE 24 FRAME AND GRATE	731.30					728.80				SOUTH=728.90
2-34	121+25.00	54.9' LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	731.95			726.00						WEST=728.95
2-35	121+83.60	56.2' LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	731.74							727.74		EAST/WEST=728.74
2-36	122+24.50	94.8' LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	732.11						728.11			SOUTH/NORTH=729.11
2-37	123+91.80	62.7' RT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	731.53				727.53					SOUTH/NORTH=728.53
2-38	123+35.87	81.2' LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	731.74						727.74			SOUTH/NORTH=728.74

DRAINAGE STRUCTURES – SHEET 3 ILLINOIS ROUTE 62 (ALGONQUIN ROAD) STA 129+50 TO STA 142+00

STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE TYPE	FRAME & GRATE	RIM ELEVATION	INVERT ELEVATIONS								
						NORTH	NORTHEAST	EAST	SOUTHEAST	SOUTH	SOUTHWEST	WEST	NORTHWEST	PIPE UNDERDRAIN
3-01	129+65.00	35.0' RT	CB, TYPE A, 5'-DIAMETER	TYPE 24 FRAME AND GRATE	739.88				724.69				724.59	EAST=736.88
3-02	132+50.00	24.0' RT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	739.33				726.28			726.18		
3-03	133+65.00	24.0' RT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	738.84				726.94		734.78		726.84	
3-04	135+25.00	32.0' RT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	737.83				727.81				727.71	
3-05	136+05.00	29.5' RT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	737.44				728.28		731.77		728.18	
3-06	137+80.00	29.5' RT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	736.32				729.65		731.77		729.15	
3-07	139+15.00	29.5' RT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	735.39						731.20		730.30	
3-09	132+15.00	35.0' RT	CB, TYPE A, 5'-DIAMETER	TYPE 24 FRAME AND GRATE	739.20			726.02	734.67				725.92	WEST=736.20
3-10	132+90.00	35.0' RT	INLET, TYPE A	TYPE 24 FRAME AND GRATE	738.90								735.40	WEST=735.90
3-11	133+65.00	35.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	738.57		734.86		734.86					WEST=735.57
3-12	133+80.00	35.0' RT	INLET, TYPE A	TYPE 24 FRAME AND GRATE	738.50							735.00		EAST/WEST=735.50
3-13	136+05.00	35.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	737.31		731.80		731.80					WEST=734.31
3-14	136+65.00	35.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	736.94				732.47				732.37	WEST=733.94
3-15	137+25.00	35.0' RT	INLET, TYPE A	TYPE 24 FRAME AND GRATE	736.56								733.06	WEST=733.56
3-16	137+80.00	35.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	736.19		731.80		731.80					WEST=733.19
3-17	138+55.00	35.0' RT	INLET, TYPE A	TYPE 24 FRAME AND GRATE	735.67								732.17	WEST=732.67
3-18	139+16.00	35.0' RT	CB, TYPE C	TYPE 24 FRAME AND GRATE	735.25		731.25							WEST=732.25
3-19	140+15.00	35.0' RT	INLET, TYPE A	TYPE 24 FRAME AND GRATE	734.60				731.10					WEST=731.60
3-20	141+20.00	35.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	733.93				730.08				730.08	WEST=730.93

DRAINAGE STRUCTURES – SHEET 4 IL ROUTE 62 (ALGONQUIN ROAD) STA 142+00 TO 155+00

STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE TYPE	FRAME & GRATE	RIM ELEVATION	INVERT ELEVATIONS								
						NORTH	NORTHEAST	EAST	SOUTHEAST	SOUTH	SOUTHWEST	WEST	NORTHWEST	PIPE UNDERDRAIN
4-01	142+20.00	29.5' RT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	733.45				727.41		729.13			
4-02	144+13.60	29.5' RT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	732.35		726.66		726.36	728.29			726.46	
4-03	146+20.00	29.0' RT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	731.29				725.25		726.66		725.35	
4-04	147+94.00	31.9' RT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	730.40		EX 12"=724.93		721.42	726.17			724.40	
4-05	149+11.50	31.1' RT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	729.86		EX 12"=724.00		721.08				721.08	
4-06	150+12.60	30.5' RT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	729.34	EX 12"=723.94			720.79				720.79	
4-07	150+25.00	30.0' RT	MH, TYPE A, 6'-DIAMETER, RESTRICTOR PLATE	2 TYPE 1 FRAME, CLOSED LID	729.29				EX 15"=720.76				720.77	
4-08	142+15.00	35.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	733.35		729.17						729.17	WEST=730.35
4-09	143+25.00	35.0' RT	INLET, TYPE A	TYPE 24 FRAME AND GRATE	732.71				729.21					WEST=729.71
4-10	144+16.90	35.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	732.21	728.32					EX 12"=728.94		728.32	WEST=729.21
4-11	145+20.00	35.0' RT	INLET, TYPE A	TYPE 24 FRAME AND GRATE	731.66				728.16					WEST=728.66
4-12	146+15.00	34.3' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	731.18		726.70		726.70				727.24	WEST=728.18
4-13	146+90.00	33.2' RT	INLET, TYPE A	TYPE 24 FRAME AND GRATE	730.92								727.42	WEST=727.92
4-14	148+10.00	33.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	730.28	726.28								WEST=727.28

DRAINAGE PIPES – SHEET 1 ILLINOIS ROUTE 62 (ALGONQUIN ROAD) STA 103+00 TO STA 116+00

SHEET NAME	PIPE NUMBER	STRUCTURE		DESCRIPTION	CLASS	TYPE	SIZE (IN)	LENGTH (FT)	SLOPE (%)	TBF (CU YD)
		FROM	TO							
DU-01	1-01	1-02	1-01	STORM SEWERS, RG	A	2	54	111.2	0.15	104
DU-01	1-02	1-03	1-02	STORM SEWERS, RG	A	2	54	35.3	0.15	44
DU-01	1-03	1-04	1-03	STORM SEWERS, RG	A	2	60	31.1	0.15	42
DU-01	1-04	1-05	1-04	STORM SEWERS, RG	A	2	60	241.0	0.15	545
DU-01	1-05	1-06	1-05	STORM SEWERS, RG	A	3	60	180.1	0.15	684
DU-01	1-06	1-07	1-06	STORM SEWERS, RG	A	3	60	211.3	0.15	1028
DU-01	1-07	1-08	1-07	STORM SEWERS, RG	A	3	60	101.3	0.15	93
DU-01	1-08	1-09	1-08	STORM SEWERS, RG	A	3	60	156.1	0.15	
DU-01	1-09	2-01	1-09	STORM SEWERS, RG	A	3	60	123.5	0.15	282
DU-01	1-10	1-10	1-04	STORM SEWERS, RG	A	1	12	29.9	0.50	5
DU-01	1-11	1-11	1-04	STORM SEWERS, RG	A	1	12	7.0	0.50	1
DU-01	1-12	1-12	1-04	STORM SEWERS, RG	A	1	12	95.1	0.50	19
DU-01	1-13	1-13	1-05	STORM SEWERS, RG	A	1	12	10.2	1.00	3
DU-01	1-14	1-14	1-06	STORM SEWERS, RG	A	2	12	27.3	1.00	9
DU-01	1-15	1-15	1-06	STORM SEWERS, RG	A	1	12	26.4	1.00	7
DU-01	1-16	1-16	1-09	STORM SEWERS, RG	A	1	12	13.3	1.00	3

DRAINAGE PIPES – SHEET 2 ILLINOIS ROUTE 62 (ALGONQUIN ROAD) STA 116+00 TO STA 129+50

SHEET NAME	PIPE NUMBER	STRUCTURE		DESCRIPTION	CLASS	TYPE	SIZE (IN)	LENGTH (FT)	SLOPE (%)	TBF (CU YD)
		FROM	TO							
DU-02	2-01	2-02	2-01	STORM SEWERS, RG	A	2	60	197.4	0.15	681
DU-02	2-02	2-03	2-02	STORM SEWERS, RG	A	2	60	126.0	0.15	361
DU-02	2-03	2-04	2-03	STORM SEWERS, RG	A	2	60	58.4	0.15	155
DU-02	2-04	2-05	2-04	STORM SEWERS, RG	A	2	60	32.6	0.15	85
DU-02	2-05	2-06	2-05	STORM SEWERS, RG	A	2	60	241.1	0.15	639
DU-02	2-06	2-07	2-01	STORM SEWERS, RG	A	1	12	12.1	1.00	4
DU-02	2-07	2-08	2-01	STORM SEWERS, RG	A	1	12	7.8	1.00	3
DU-02	2-08	2-09	2-10	STORM SEWERS, RG	A	1	12	92.0	1.00	8
DU-02	2-09	2-10	2-02	STORM SEWERS, RG	A	1	12	7.0	1.00	2
DU-02	2-10	2-11	2-03	STORM SEWERS, RG	A	1	12	8.0	1.00	3
DU-02	2-11	2-12	2-03	STORM SEWERS, RG	A	1	12	12.6	1.00	4
DU-02	2-12	2-13	2-14	STORM SEWERS, RG	A	1	12	22.0	1.00	3
DU-02	2-13	2-14	2-05	STORM SEWERS, RG	A	1	12	7.1	1.00	2
DU-02	2-14	2-15	2-14	STORM SEWERS, RG	A	1	12	23.4	1.00	3
DU-02	2-15	2-16	EX	STORM SEWERS, RG	A	1	12	61.5	1.00	10
DU-02	2-16	2-17	2-06	STORM SEWERS, RG	A	1	12	33.5	1.00	5
DU-02	2-17	2-18	2-17	STORM SEWERS (WM REQ)			12	25.7	1.00	4
DU-02	2-18	2-29	2-19	STORM SEWERS, RG	A	2	12	41.5	1.00	7
DU-02	2-19	2-21	2-20	STORM SEWERS, RG	A	2	36	116.3	0.50	225
DU-02	2-20	2-22	2-21	STORM SEWERS, RG	A	2	36	54.9	0.50	100
DU-02	2-21	2-23	2-22	STORM SEWERS, RG	A	2	36	75.0	0.50	142
DU-02	2-22	2-24	2-23	STORM SEWERS, RG	A	2	36	34.7	0.50	69
DU-02	2-23	2-25	2-24	STORM SEWERS, RG	A	3	30	254.2	0.50	454
DU-02	2-24	2-26	EX	STORM SEWERS, RG	A	1	12	36.1	1.00	5
DU-02	2-25	2-27	EX	STORM SEWERS, RG	A	2	12	15.1	1.00	11
DU-02	2-26	2-30	2-19	STORM SEWERS, RG	A	2	12	44.1	1.00	8
DU-02	2-27	EX	2-31	STORM SEWERS, DUCTILE IRON			30	60.0	EX	72
DU-02	2-28	5-06	2-32	STORM SEWERS (WM REQ)			12	49.6'	1.00	
DU-02	2-29	2-33	2-32	STORM SEWERS (WM REQ)			12	14.4	1.00	
DU-02	2-30	2-32	EX	STORM SEWERS, RG	A	1	15	10.0	0.44	1
DU-02	2-31	2-34	EX	STORM SEWERS, RG	A	2	12	26.1	1.00	10
DU-02	2-32	2-35	EX	STORM SEWERS, RG	A	2	12	24.1	1.00	9
DU-02	2-33	2-36	EX	STORM SEWERS, RG	A	2	12	12.7	1.00	5
DU-02	2-34	2-37	2-06	STORM SEWERS, RG	A	1	12	5.5	1.00	1
DU-02	2-35	2-38	EX	STORM SEWERS, RG	A	1	12	11.8	1.00	2

DRAINAGE PIPES – SHEET 5 MEACHAM ROAD STA 203+00 TO STA 215+00

SHEET NAME	PIPE NUMBER	STRUCTURE		DESCRIPTION	CLASS	TYPE	SIZE (IN)	LENGTH (FT)	SLOPE (%)	TBF (CU YD)
		FROM	TO							
DU-05	5-01	5-02	EX PIPE	STORM SEWERS, RG	A	1	12	1.5	1.00	1
DU-05	5-02	5-03	5-02	STORM SEWERS (WM REQ)			12	53.3	1.00	9
DU-05	5-03	5-05	5-04	STORM SEWERS, RG	A	2	12	13.9	1.00	4

DRAINAGE PIPES – SHEET 7 THORNTREE LANE STA 500+00 TO STA 505+00

SHEET NAME	PIPE NUMBER	STRUCTURE		DESCRIPTION	CLASS	TYPE	SIZE (IN)	LENGTH (FT)	SLOPE (%)	TBF (CU YD)
		FROM	TO							
DU-07	6-01	6-01	6-02	STORM SEWERS, RG	A	1	12	10.0	1.00	
DU-07	6-02	6-02	6-03	STORM SEWERS, RG	A	1	12	5.4	0.75	
DU-07	6-03	6-03	EX	STORM SEWERS, RG	A	1	12	10.5	0.80	

FILE NAME 50101-DU-00.dgn*	USER NAME: Mibeening	DESIGNED - CEC	REVISED -
		DRAWN - CEC	REVISED -
	PLOT SCALE: 100.0000' / in.	CHECKED - DWB	REVISED -
Default	PLOT DATE: 4/2/2020	DATE 4/2/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

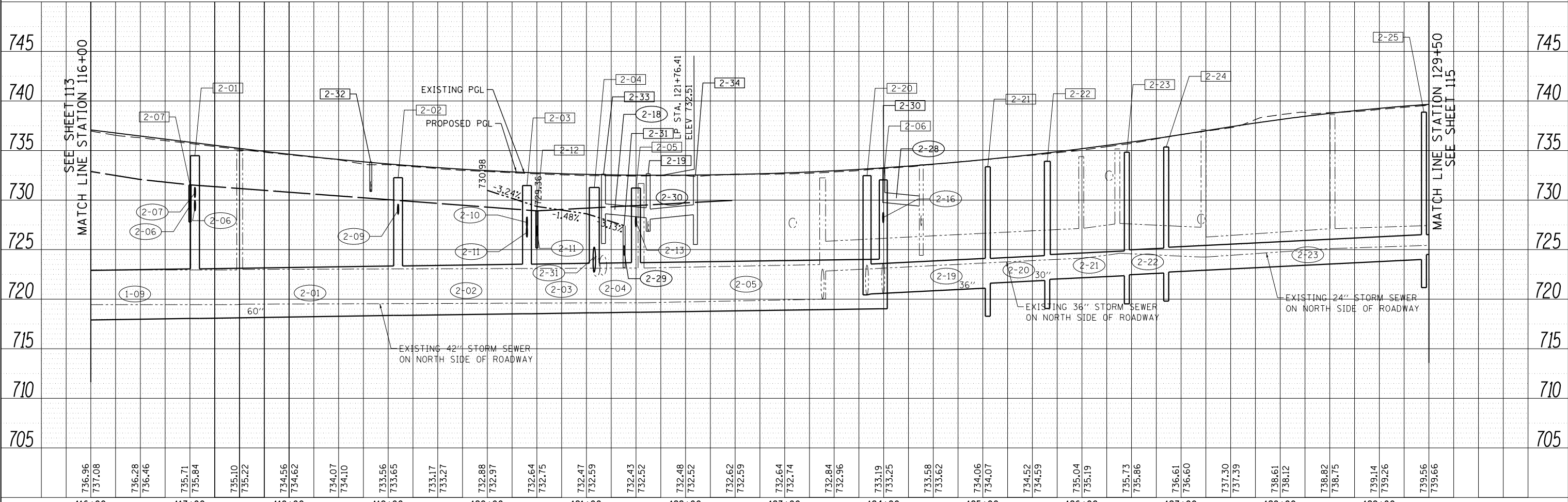
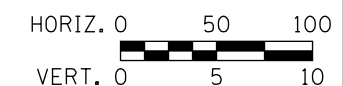
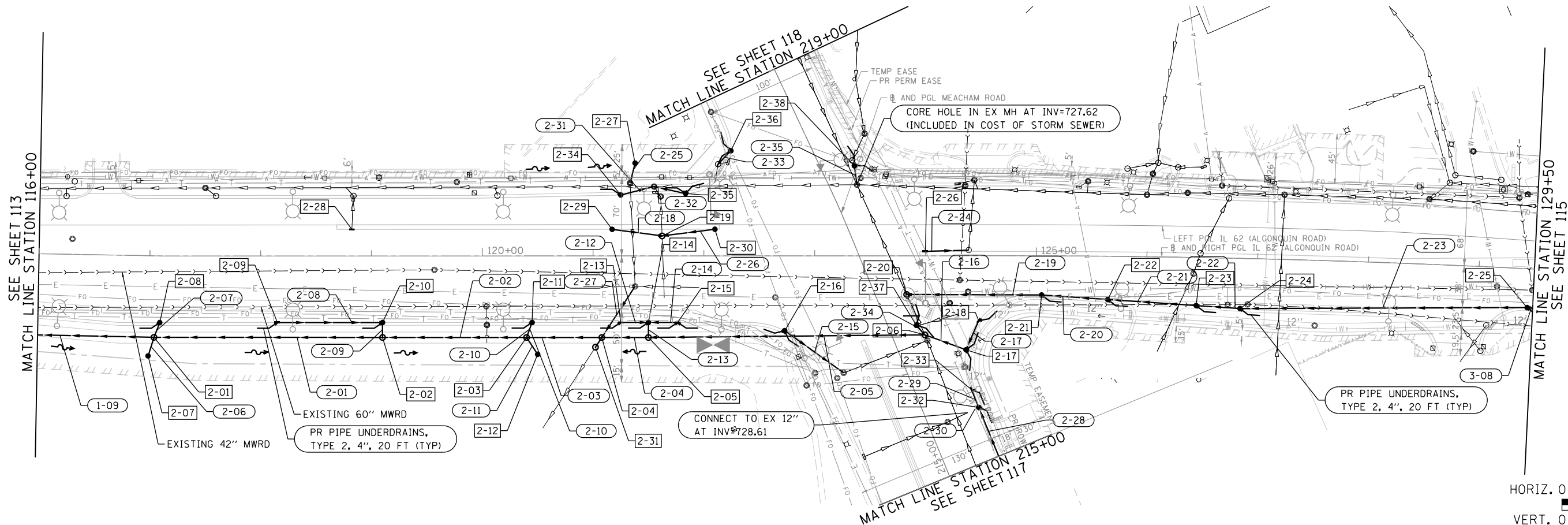
**IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD
DRAINAGE PIPE SCHEDULES**

SCALE: N.T.S. SHEET 6 OF 13 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0339	16-00068-00-WR	COOK	301	112
CONTRACT NO. 61G20				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	ALIGNED	
	CAD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
	STRUCTURE NOTATIONS CHKD	
	NO.	

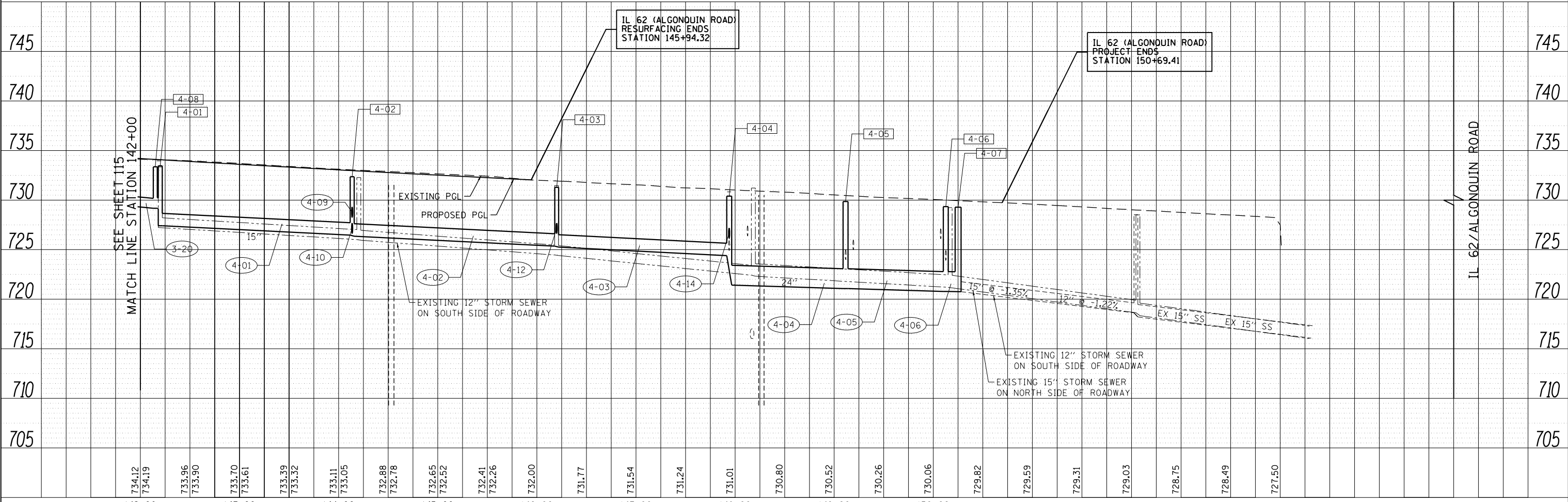
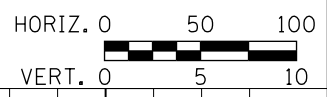
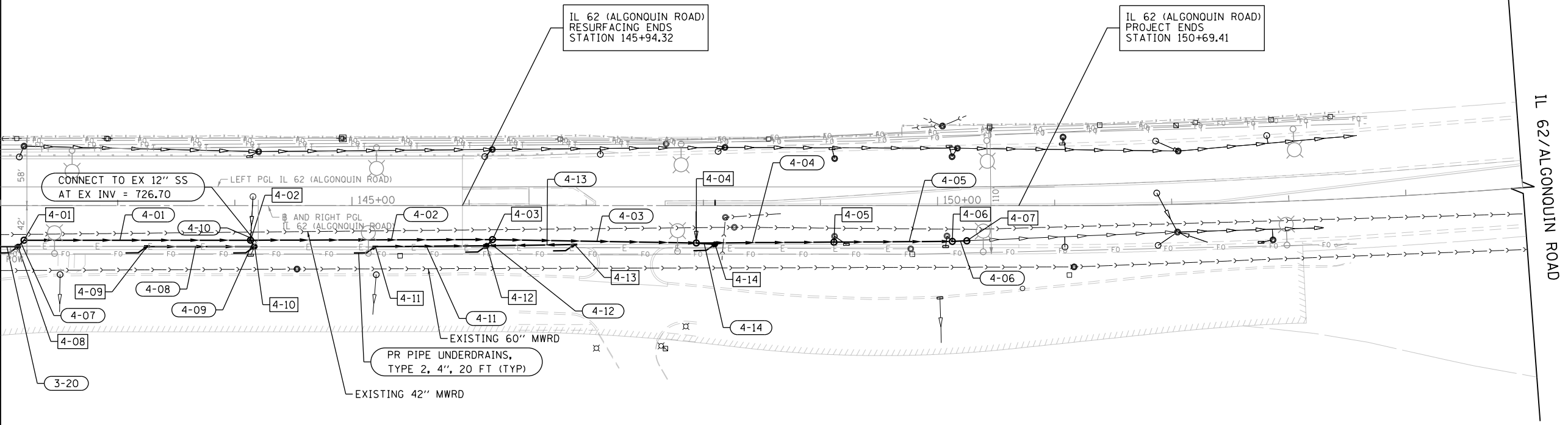


FILE NAME = 50101-DU-02.dgn	USER NAME = Mibeering	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD DRAINAGE AND UTILITY PLAN AND PROFILE	F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 114		
Default	PLOT SCALE = 100.0000' / in.	CHECKED - DWB	REVISED -			SCALE: 1"=50'	SHEET 8 OF 13 SHEETS	STA. 116+00	TO STA. 129+50	CONTRACT NO.		
	PLOT DATE = 4/2/2020	DATE - 4/2/2020	REVISED -			ILLINOIS FED. AID PROJECT						

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	NO. _____		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO. _____		

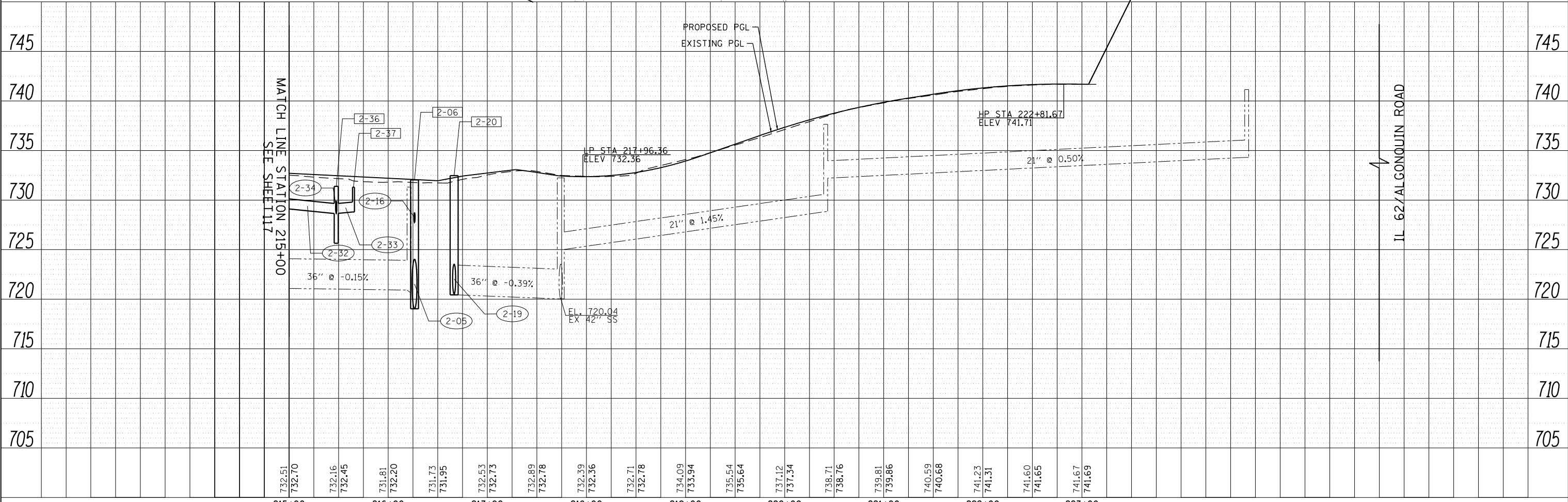
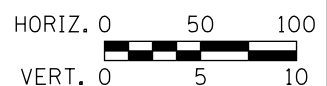
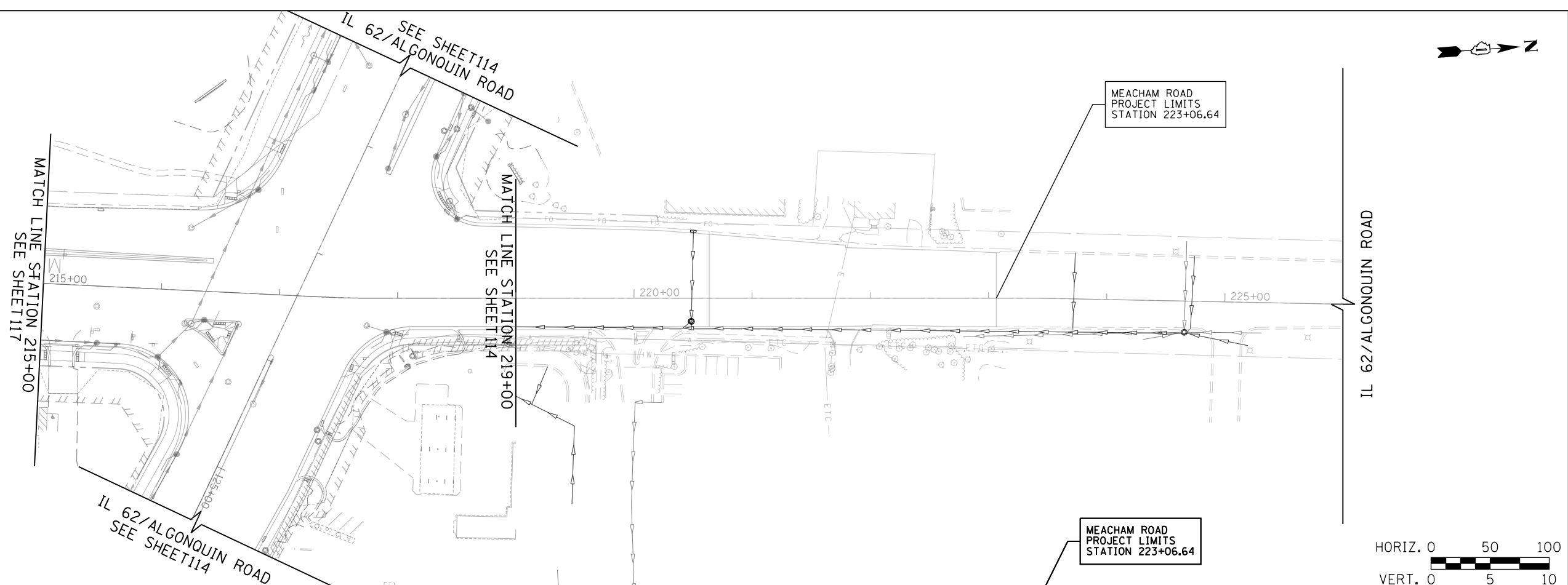
SEE SHEET 115
MATCH LINE STATION 142+00



FILE NAME = 50101-DU-04.dgn	USER NAME = Mibeering	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD DRAINAGE AND UTILITY PLAN AND PROFILE	F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 116		
Default	PLOT SCALE = 100.0000' / in.	CHECKED - DWB	REVISED -			SCALE: 1"=50'	SHEET 10 OF 13 SHEETS	STA. 142+00	TO STA. 155+00	CONTRACT NO.		
	PLOT DATE = 4/2/2020	DATE - 4/2/2020	REVISED -			ILLINOIS FED. AID PROJECT						

PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	NOTATIS CHFD	
	NO.	



FILE NAME = 50101-DU-06.dgn	USER NAME = Mibeering	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD DRAINAGE AND UTILITY PLAN AND PROFILE	F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 118	
Default	PLOT SCALE = 100.0000' / in.	DRAWN - MLB	REVISED -			SCALE: 1"=50'	SHEET 12 OF 13 SHEETS	STA. 215+00	TO STA. 226+00	CONTRACT NO.	
	PLOT DATE = 4/2/2020	CHECKED - DWB	REVISED -			ILLINOIS FED. AID PROJECT					
		DATE - 4/2/2020	REVISED -								

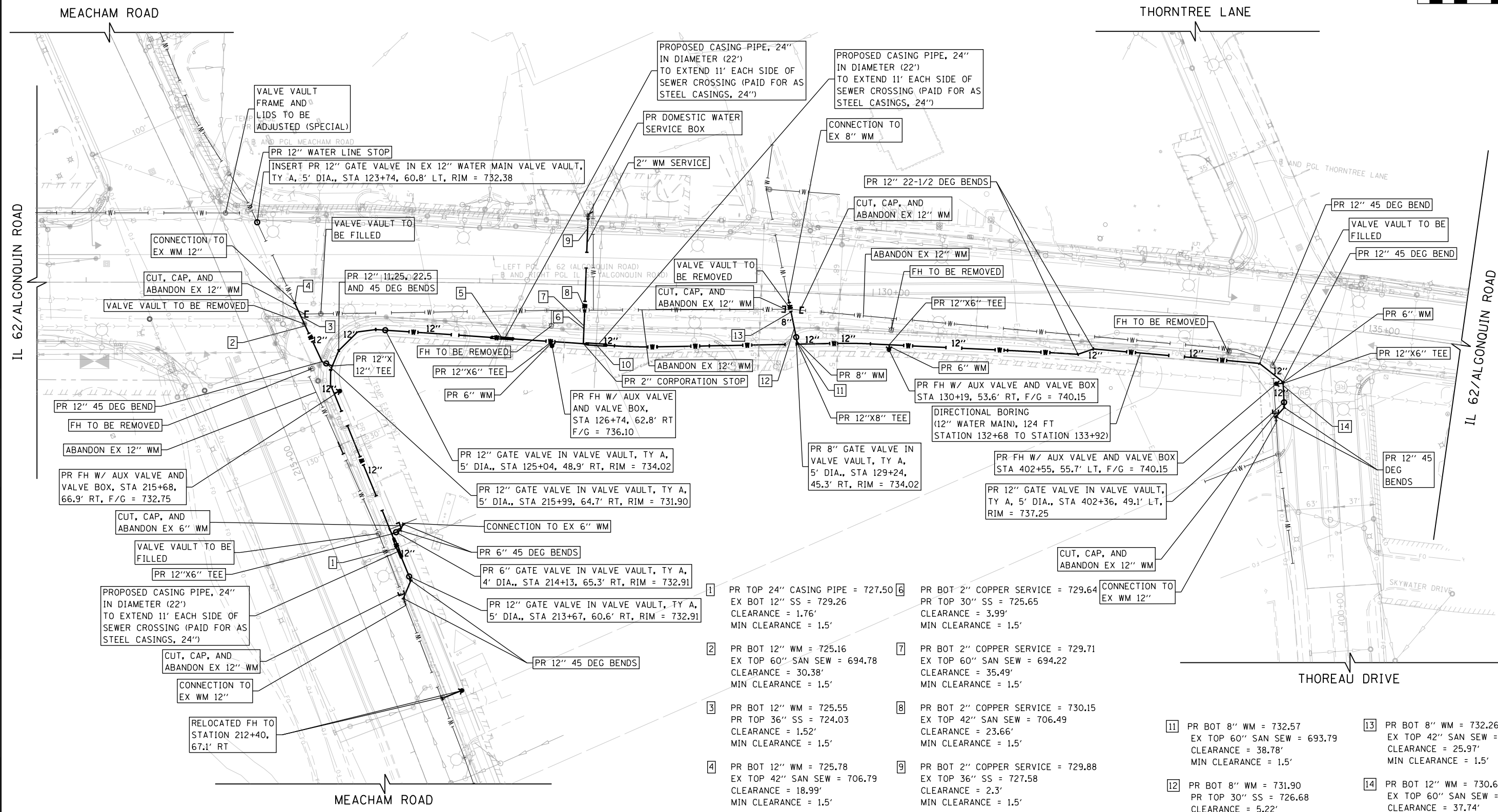
NOTE: SEPARATION REQUIREMENTS BETWEEN WATER MAIN AND SEWERS SHALL BE ACCORDING TO 35 ILLINOIS ADMINISTRATIVE CODE, SECTION 604.1440.

HORIZ. 0 50 100



DATE	
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- | | |
|--|--|
| 1 PR TOP 24" CASING PIPE = 727.50
EX BOT 12" SS = 729.26
CLEARANCE = 1.76'
MIN CLEARANCE = 1.5' | 6 PR BOT 2" COPPER SERVICE = 729.64
PR TOP 30" SS = 725.65
CLEARANCE = 3.99'
MIN CLEARANCE = 1.5' |
| 2 PR BOT 12" WM = 725.16
EX TOP 60" SAN SEW = 694.78
CLEARANCE = 30.38'
MIN CLEARANCE = 1.5' | 7 PR BOT 2" COPPER SERVICE = 729.71
EX TOP 60" SAN SEW = 694.22
CLEARANCE = 35.49'
MIN CLEARANCE = 1.5' |
| 3 PR BOT 12" WM = 725.55
PR TOP 36" SS = 724.03
CLEARANCE = 1.52'
MIN CLEARANCE = 1.5' | 8 PR BOT 2" COPPER SERVICE = 730.15
EX TOP 42" SAN SEW = 706.49
CLEARANCE = 23.66'
MIN CLEARANCE = 1.5' |
| 4 PR BOT 12" WM = 725.78
EX TOP 42" SAN SEW = 706.79
CLEARANCE = 18.99'
MIN CLEARANCE = 1.5' | 9 PR BOT 2" COPPER SERVICE = 729.88
EX TOP 36" SS = 727.58
CLEARANCE = 2.3'
MIN CLEARANCE = 1.5' |
| 5 PR TOP 24" CASING PIPE = 729.20
EX BOT 12" SS = 732.69
CLEARANCE = 3.49'
MIN CLEARANCE = 1.5' | 10 PR TOP 24" CASING PIPE = 729.36
EX BOT 12" SS = 730.86
CLEARANCE = 1.5'
MIN CLEARANCE = 1.5' |
| | 11 PR BOT 8" WM = 732.57
EX TOP 60" SAN SEW = 693.79
CLEARANCE = 38.78'
MIN CLEARANCE = 1.5' |
| | 12 PR BOT 8" WM = 731.90
PR TOP 30" SS = 726.68
CLEARANCE = 5.22'
MIN CLEARANCE = 1.5' |
| | 13 PR BOT 8" WM = 732.26
EX TOP 42" SAN SEW = 706.29
CLEARANCE = 25.97'
MIN CLEARANCE = 1.5' |
| | 14 PR BOT 12" WM = 730.60
EX TOP 60" SAN SEW = 692.86
CLEARANCE = 37.74'
MIN CLEARANCE = 1.5' |

FILE NAME = 50101-WM-01.dgn	USER NAME = Mibeering	DESIGNED - CEC	REVISED -
Default	PLOT SCALE = 100.0000' / in.	DRAWN - MLB	REVISED -
	PLOT DATE = 4/2/2020	CHECKED - DWB	REVISED -
		DATE - 4/2/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD
WATER MAIN PLAN
SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. 116+00 TO STA. 129+50

F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 120
CONTRACT NO.				ILLINOIS FED. AID PROJECT

PART OF THE SE 1/4 OF SEC. 34, TWP. 42 N., R. 10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER
OL50001 OL50001T.E.	53.670	1.542	N/A	52.128	0.610	Construction Purposes	02-34-401-004(pt) 02-34-401-005 07-02-202-001(pt)
OL50002 OL50002T.E.	42.220	0.051	N/A	42.169	0.338	Construction Purposes	02-34-400-020

LEGEND

SECTION CORNER: 9/10, 16/15
QUARTER SECTION CORNER: 16

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE

APL
APPARENT PROPERTY LINE
EXISTING CENTER LINE
PROPOSED CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
AC
EXISTING ACCESS CONTROL LINE
PROPOSED ACCESS CONTROL LINE
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DIMENSION

EXISTING BUILDING

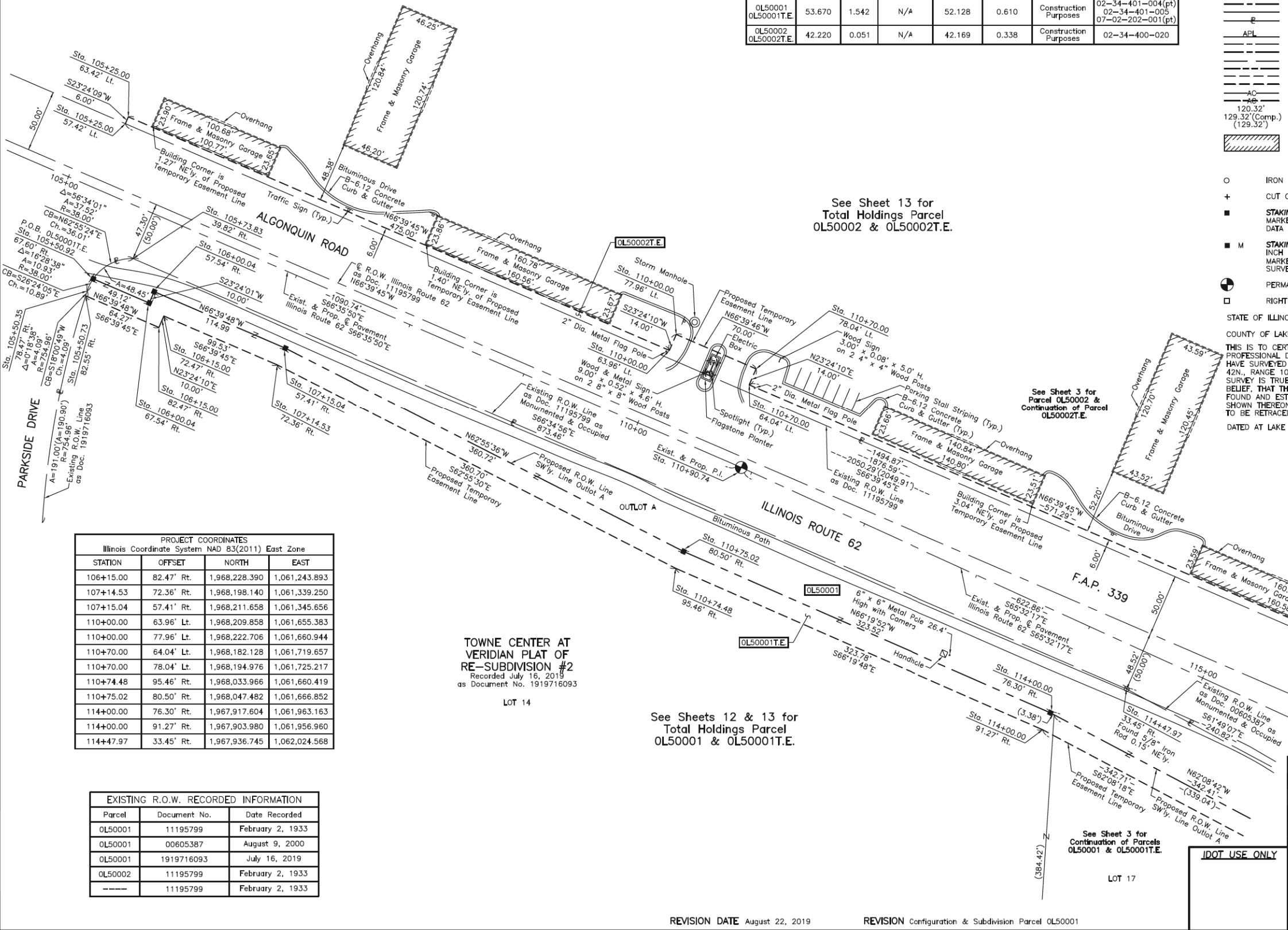
Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone.

IRON PIPE OR ROD FOUND
CUT CROSS FOUND OR SET
STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 34, TOWNSHIP 42N., RANGE 10E. OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS. DATED AT LAKE VILLA, ILLINOIS THIS ____ DAY OF _____, 20__ A.D.

SCALE: 1"=40'



See Sheet 13 for Total Holdings Parcel OL50002 & OL50002T.E.

See Sheet 3 for Parcel OL50002 & Continuation of Parcel OL50002T.E.

PROJECT COORDINATES
Illinois Coordinate System NAD 83(2011) East Zone

STATION	OFFSET	NORTH	EAST
106+15.00	82.47' Rt.	1,968,228.390	1,061,243.893
107+14.53	72.36' Rt.	1,968,198.140	1,061,339.250
107+15.04	57.41' Rt.	1,968,211.658	1,061,345.656
110+00.00	63.96' Lt.	1,968,209.858	1,061,655.383
110+00.00	77.96' Lt.	1,968,222.706	1,061,660.944
110+70.00	64.04' Lt.	1,968,182.128	1,061,719.657
110+70.00	78.04' Lt.	1,968,194.976	1,061,725.217
110+74.48	95.46' Rt.	1,968,033.966	1,061,660.419
110+75.02	80.50' Rt.	1,968,047.482	1,061,666.852
114+00.00	76.30' Rt.	1,967,917.604	1,061,963.163
114+00.00	91.27' Rt.	1,967,903.980	1,061,956.960
114+47.97	33.45' Rt.	1,967,936.745	1,062,024.568

TOWNE CENTER AT VERIDIAN PLAT OF RE-SUBDIVISION #2
Recorded July 16, 2019
as Document No. 1919716093

See Sheets 12 & 13 for Total Holdings Parcel OL50001 & OL50001T.E.

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
OL50001	11195799	February 2, 1933
OL50001	00605387	August 9, 2000
OL50001	1919716093	July 16, 2019
OL50002	11195799	February 2, 1933
----	11195799	February 2, 1933

PROJECT COORDINATES
Illinois Coordinate System NAD 83(2011) East Zone

STATION	OFFSET	NORTH	EAST
105+25.00	57.42' Lt.	1,968,392.522	1,061,216.861
105+25.00	63.42' Lt.	1,968,398.028	1,061,219.244
105+50.35	78.47' Rt.	1,968,257.739	1,061,186.149
105+50.73	82.55' Rt.	1,968,253.849	1,061,184.884
105+50.92	67.60' Rt.	1,968,267.493	1,061,190.991
105+73.83	39.82' Rt.	1,968,283.884	1,061,223.054
106+00.04	57.54' Rt.	1,968,257.210	1,061,240.068
106+00.04	67.54' Rt.	1,968,248.033	1,061,236.097
106+15.00	72.47' Rt.	1,968,237.567	1,061,247.865

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 339 (ILLINOIS ROUTE 62)
LIMITS: PLUM GROVE ROAD TO ILLINOIS ROUTE 53
COUNTY: COOK
SECTION: 16-00068-00-WR JOB NO.: R-90-021-16
STATION 105+00 TO STATION 116+00
SCALE: 1"=40' SHEET 2 OF 16

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

REVISION DATE August 22, 2019

REVISION Configuration & Subdivision Parcel OL50001

PART OF THE SE 1/4 OF SEC. 34 AND PART OF THE SW 1/4 OF SEC. 35, TWP. 42 N., R. 10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER
OL50001 OL50001T.E.	53.670	1.542	N/A	52.128	0.610	Construction Purposes	02-34-401-004(pt) 02-34-401-005 07-02-202-001(pt)
OL50002 OL50002T.E.	42.220	0.051	N/A	42.169	0.338	Construction Purposes	02-34-400-020

LEGEND

SECTION LINE
QUARTER SECTION LINE
QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE

APPARENT PROPERTY LINE
EXISTING CENTER LINE
PROPOSED CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
EXISTING ACCESS CONTROL LINE
PROPOSED ACCESS CONTROL LINE
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DIMENSION

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone.

○ IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET
+ CUT CROSS FOUND OR SET ● 5/8" REBAR SET

■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

⊙ PERMANENT SURVEY MARKER, I.D.O.T. STD 2135 (TO BE SET BY OTHERS)

□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

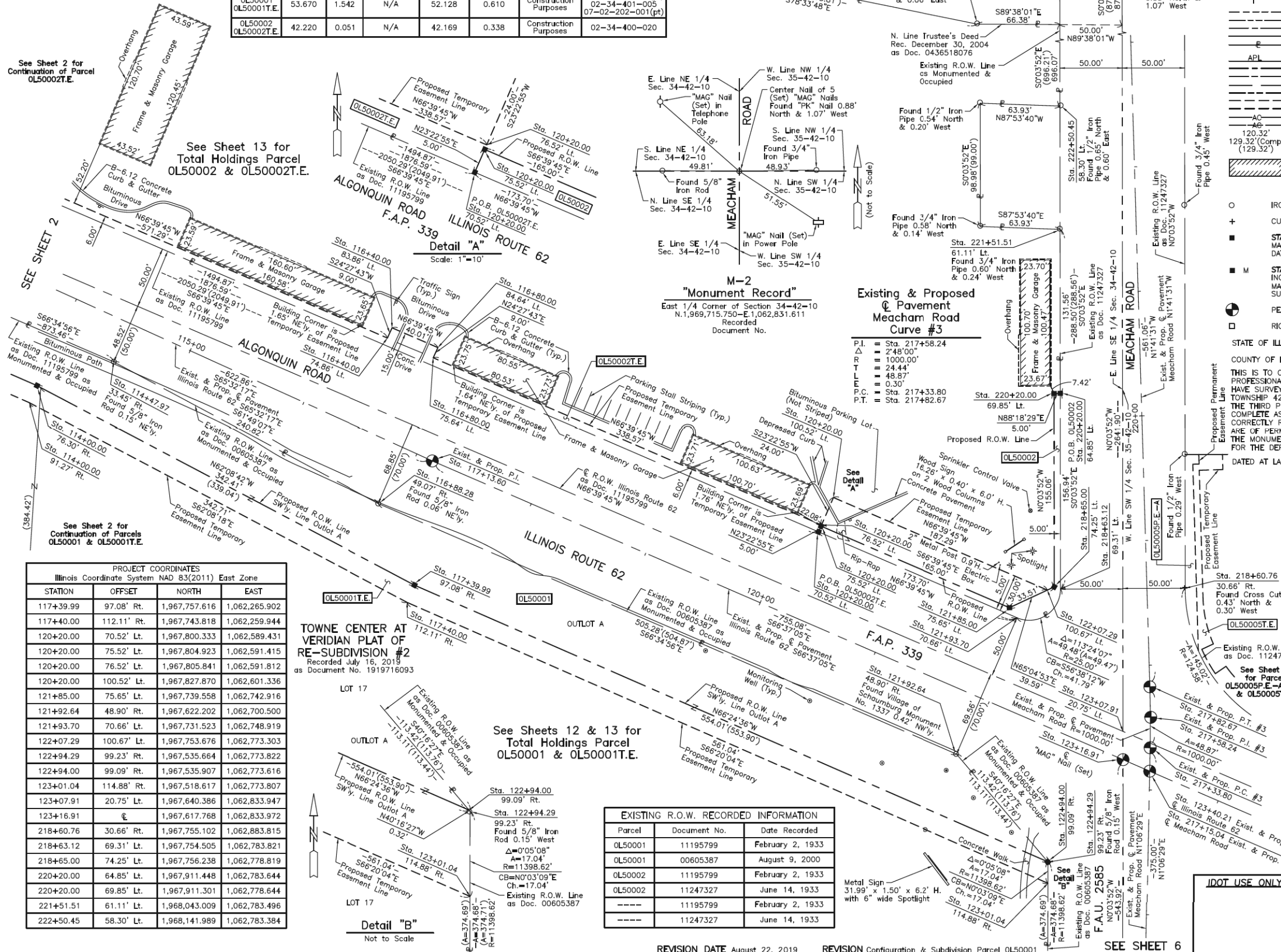
STATE OF ILLINOIS }
COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 34, TOWNSHIP 42N., RANGE 10E. AND SECTION 35, TOWNSHIP 42N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS THE SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS _____ DAY OF _____ 20__ A.D.

PRESIDENT

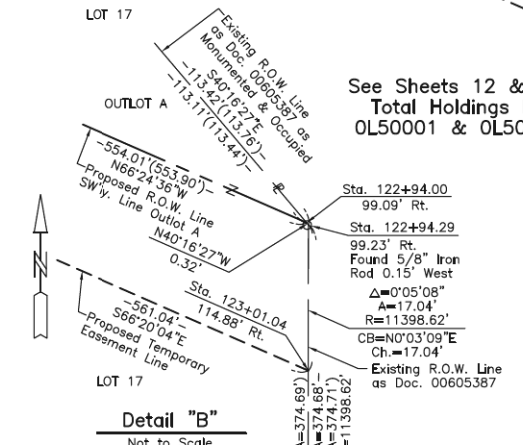
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2020
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
All dimensions are measured unless otherwise specified.
Arrows shown on this plat are ground.
All measured and computed distances are grid not ground.
To obtain ground distances, divide grid distances shown by the combined factor of 0.9999524413.



PROJECT COORDINATES
Illinois Coordinate System NAD 83(2011) East Zone

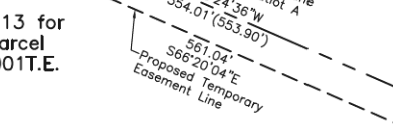
STATION	OFFSET	NORTH	EAST
117+39.99	97.08' Rt.	1,967,757.616	1,062,265.902
117+40.00	112.11' Rt.	1,967,743.818	1,062,259.944
120+20.00	70.52' Lt.	1,967,800.333	1,062,589.431
120+20.00	75.52' Lt.	1,967,804.923	1,062,591.415
120+20.00	76.52' Lt.	1,967,805.841	1,062,591.812
120+20.00	100.52' Lt.	1,967,827.870	1,062,601.336
121+85.00	75.65' Lt.	1,967,739.558	1,062,742.916
121+92.64	48.90' Rt.	1,967,622.202	1,062,700.500
121+93.70	70.66' Lt.	1,967,731.523	1,062,748.919
122+07.29	100.67' Lt.	1,967,753.676	1,062,773.303
122+94.29	99.23' Rt.	1,967,535.664	1,062,773.822
122+94.00	99.09' Rt.	1,967,535.907	1,062,773.616
123+01.04	114.88' Rt.	1,967,518.617	1,062,773.807
123+07.91	20.75' Lt.	1,967,640.386	1,062,833.947
123+16.91	0	1,967,617.768	1,062,833.972
218+60.76	30.66' Rt.	1,967,755.102	1,062,883.815
218+63.12	69.31' Lt.	1,967,754.505	1,062,783.821
218+65.00	74.25' Lt.	1,967,756.238	1,062,778.819
220+20.00	64.85' Lt.	1,967,911.448	1,062,783.644
220+20.00	69.85' Lt.	1,967,911.301	1,062,778.644
221+51.51	61.11' Lt.	1,968,043.009	1,062,783.496
222+50.45	58.30' Lt.	1,968,141.989	1,062,783.384

TOWNE CENTER AT VERIDIAN PLAT OF RE-SUBDIVISION #2
Recorded July 16, 2019
as Document No. 1919716093



EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
OL50001	11195799	February 2, 1933
OL50001	00605387	August 9, 2000
OL50002	11195799	February 2, 1933
OL50002	11247327	June 14, 1933
---	11195799	February 2, 1933
---	11247327	June 14, 1933



PROJECT COORDINATES
Illinois Coordinate System NAD 83(2011) East Zone

STATION	OFFSET	NORTH	EAST
114+00.00	76.30' Rt.	1,967,917.604	1,061,963.163
114+00.00	91.27' Rt.	1,967,903.980	1,061,956.960
114+47.97	33.45' Rt.	1,967,936.745	1,062,024.568
116+40.00	74.86' Lt.	1,967,955.813	1,062,244.208
116+40.00	83.86' Lt.	1,967,964.006	1,062,247.936
116+80.00	75.64' Lt.	1,967,939.964	1,062,280.943
116+80.00	84.64' Lt.	1,967,948.158	1,062,284.670
116+88.28	49.07' Rt.	1,967,823.015	1,062,236.839

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 339 (ILLINOIS ROUTE 62)
LIMITS: PLUM GROVE ROAD TO ILLINOIS ROUTE 53
COUNTY: COOK
SECTION: 16-00068-00-WR JOB NO.: R-90-021-16
STATION 113+00 TO STATION 124+00
STATION 216+00 TO STATION 223+00
SCALE: 1"=40'
SHEET 3 OF 16

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

PART OF THE WEST 1/2 OF FRACTIONAL SEC. 1, TWP. 41 N., R. 10 E. OF THE 3RD. P.M.,
 PART OF THE SE 1/4 OF SEC. 34 AND PART OF THE SW 1/4 OF SEC. 35,
 TWP. 42 N., R. 10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

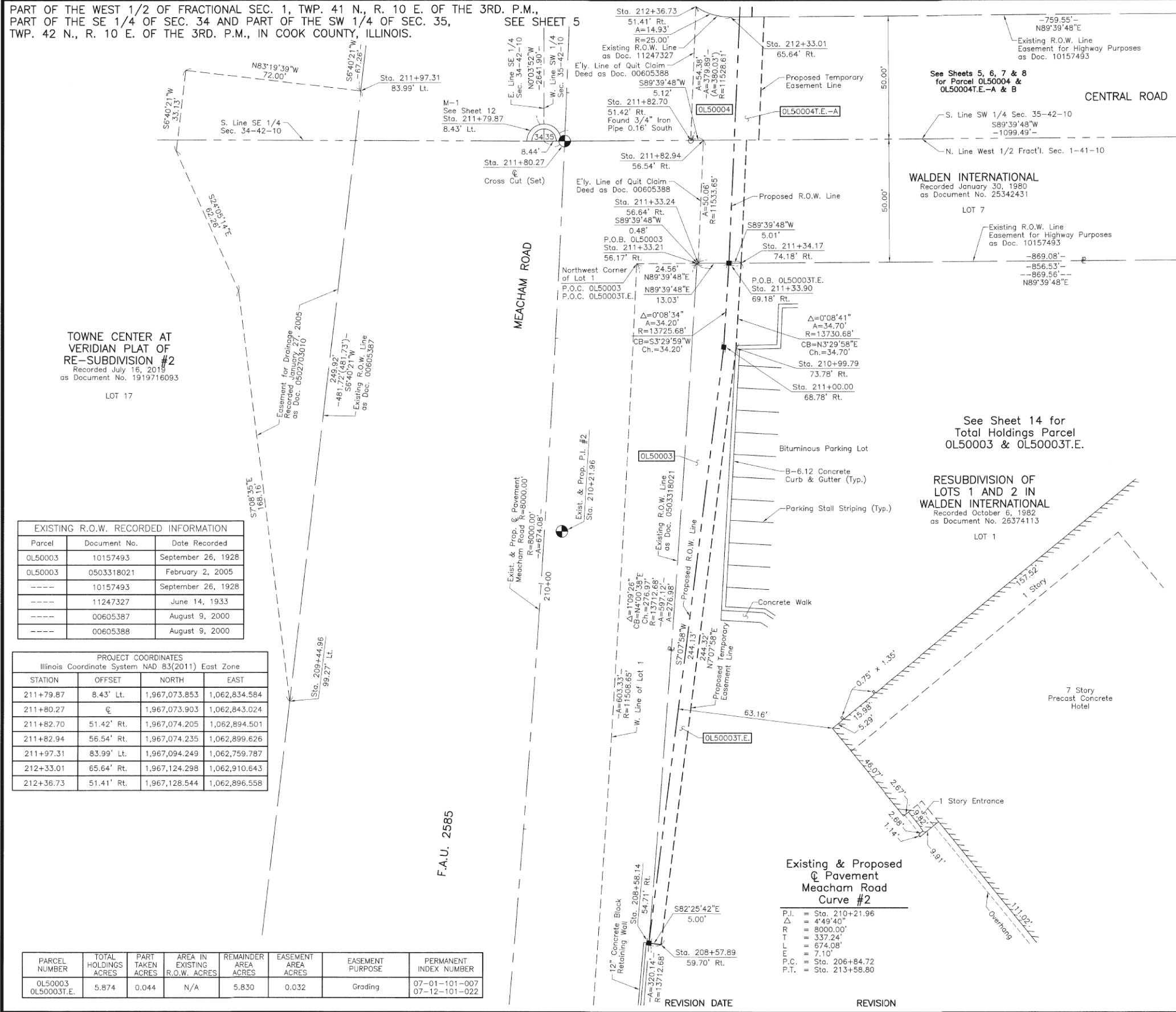
SEE SHEET 5

TOWNE CENTER AT
 VERIDIAN PLAT OF
 RE-SUBDIVISION #2
 Recorded July 16, 2019
 as Document No. 1919716093

Parcel	Document No.	Date Recorded
0L50003	10157493	September 26, 1928
0L50003	0503318021	February 2, 2005
----	10157493	September 26, 1928
----	11247327	June 14, 1933
----	00605387	August 9, 2000
----	00605388	August 9, 2000

PROJECT COORDINATES Illinois Coordinate System NAD 83(2011) East Zone			
STATION	OFFSET	NORTH	EAST
211+79.87	8.43' Lt.	1,967,073.853	1,062,834.584
211+80.27	⊕	1,967,073.903	1,062,843.024
211+82.70	51.42' Rt.	1,967,074.205	1,062,894.501
211+82.94	56.54' Rt.	1,967,074.235	1,062,899.626
211+97.31	83.99' Lt.	1,967,094.249	1,062,759.787
212+33.01	65.64' Rt.	1,967,124.298	1,062,910.643
212+36.73	51.41' Rt.	1,967,128.544	1,062,896.558

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER
0L50003	5.874	0.044	N/A	5.830	0.032	Grading	07-01-101-007 07-12-101-022



LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL
- APPARENT PROPERTY LINE
- EXISTING CENTER LINE
- PROPOSED CENTER LINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DIMENSION
- EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
 COUNTY OF LAKE }SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 1, TOWNSHIP 41N., RANGE 10E. AND SECTION 35, TOWNSHIP 42N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 17th DAY OF July 20, 2019 A.D.

Christian H. Jorgensen PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2020
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

All dimensions are measured unless otherwise specified. Areas shown on this plat are ground. All measured and computed distances are grid not ground. To obtain ground distances, divide grid distances shown by the combined factor of 0.9999524413.

PROJECT COORDINATES Illinois Coordinate System NAD 83(2011) East Zone			
STATION	OFFSET	NORTH	EAST
208+57.89	59.70' Rt.	1,966,747.267	1,062,882.616
208+58.14	54.71' Rt.	1,966,747.925	1,062,877.659
209+44.96	99.27' Lt.	1,966,846.020	1,062,730.748
210+99.79	73.78' Rt.	1,966,989.696	1,062,912.952
211+00.00	68.78' Rt.	1,966,990.163	1,062,907.972
211+33.21	56.17' Rt.	1,967,024.221	1,062,897.032
211+33.24	56.64' Rt.	1,967,024.224	1,062,897.506
211+33.90	69.18' Rt.	1,967,024.298	1,062,910.060
211+34.17	74.18' Rt.	1,967,024.327	1,062,915.070

JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371

See Sheets 5, 6, 7 & 8 for Parcel 0L50004 & 0L50004T.E.-A & B

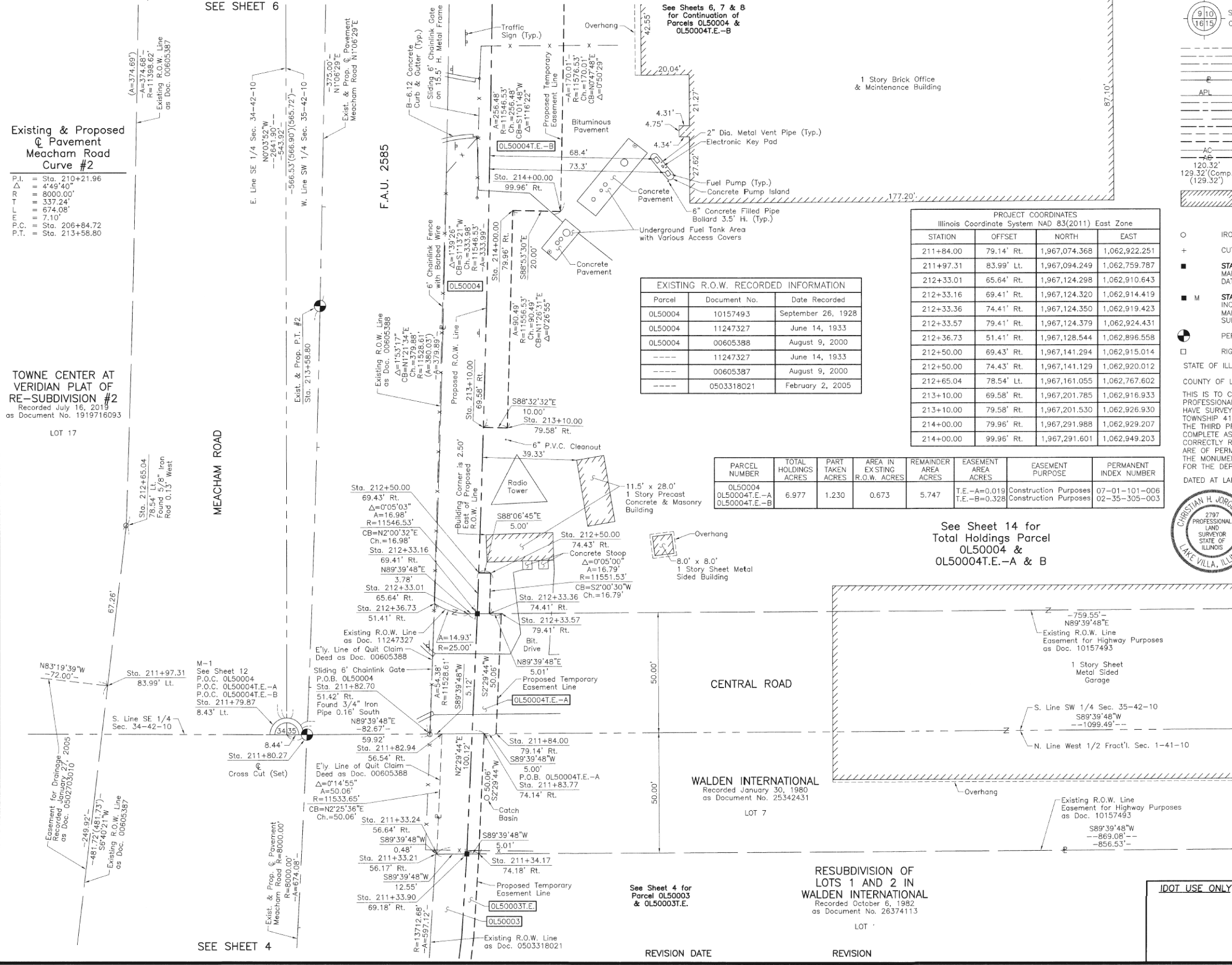
See Sheet 14 for Total Holdings Parcel 0L50003 & 0L50003T.E.

RESUBDIVISION OF LOTS 1 AND 2 IN WALDEN INTERNATIONAL
 Recorded October 6, 1982
 as Document No. 26374113

**PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**
 F.A.P. 339 (ILLINOIS ROUTE 62)
 LIMITS: PLUM GROVE ROAD TO ILLINOIS ROUTE 53
 COUNTY: COOK
 SECTION: 16-00068-00-WR JOB NO.: R-90-021-16
 STATION 208+00 TO STATION 213+00
 SCALE: 1"=20' SHEET 4 OF 16

**BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196**

PART OF THE WEST 1/2 OF FRACTIONAL SEC. 1, TWP. 41 N., R. 10 E. OF THE 3RD. P.M., PART OF THE SE 1/4 OF SEC. 34 AND PART OF THE SW 1/4 OF SEC. 35, TWP. 42 N., R. 10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



LEGEND

SECTION CORNER: 9/10, 16/15
 QUARTER SECTION CORNER: 16, 15

SECTION LINE
 QUARTER SECTION LINE
 QUARTER, QUARTER SECTION LINE
 PLATTED LOT LINE
 PROPERTY (DEED) LINE

APL
 APPARENT PROPERTY LINE
 EXISTING CENTER LINE
 PROPOSED CENTER LINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 EXISTING EASEMENT
 PROPOSED EASEMENT
 EXISTING ACCESS CONTROL LINE
 PROPOSED ACCESS CONTROL LINE
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORD DIMENSION

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone.

○ IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET
 + CUT CROSS FOUND OR SET ● 5/8" REBAR SET

■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

● PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)

□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
 COUNTY OF LAKE }

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 1, TOWNSHIP 41N., RANGE 10E. AND SECTION 35, TOWNSHIP 42N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 17th DAY OF July 2019 A.D.

Christian H. Jorgensen PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2020

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. All dimensions are measured unless otherwise specified. Areas shown on this plat are ground. All measured and computed distances are grid not ground. To obtain ground distances, divide grid distances shown by the combined factor of 0.9999524413.

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
0L50004	10157493	September 26, 1928
0L50004	11247327	June 14, 1933
0L50004	00605388	August 9, 2000
---	11247327	June 14, 1933
---	00605387	August 9, 2000
---	0503318021	February 2, 2005

PROJECT COORDINATES

Illinois Coordinate System NAD 83(2011) East Zone

STATION	OFFSET	NORTH	EAST
211+84.00	79.14' Rt.	1,967,074.368	1,062,922.251
211+97.31	83.99' Lt.	1,967,094.249	1,062,759.787
212+33.01	65.64' Rt.	1,967,124.298	1,062,910.643
212+33.16	69.41' Rt.	1,967,124.320	1,062,914.419
212+33.36	74.41' Rt.	1,967,124.350	1,062,919.423
212+33.57	79.41' Rt.	1,967,124.379	1,062,924.431
212+36.73	51.41' Rt.	1,967,128.544	1,062,896.558
212+50.00	69.43' Rt.	1,967,141.294	1,062,915.014
212+50.00	74.43' Rt.	1,967,141.129	1,062,920.012
212+65.04	78.54' Lt.	1,967,161.055	1,062,767.602
213+10.00	69.58' Rt.	1,967,201.785	1,062,916.933
213+10.00	79.58' Rt.	1,967,201.530	1,062,926.930
214+00.00	79.96' Rt.	1,967,291.988	1,062,929.207
214+00.00	99.96' Rt.	1,967,291.601	1,062,949.203

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER
0L50004	6.977	1.230	0.673	5.747	T.E.-A=0.019 T.E.-B=0.328	Construction Purposes Construction Purposes	07-01-101-006 02-35-305-003

See Sheet 14 for Total Holdings Parcel 0L50004 & 0L50004T.E.-A & B

PROJECT COORDINATES

Illinois Coordinate System NAD 83(2011) East Zone

STATION	OFFSET	NORTH	EAST
211+33.21	56.17' Rt.	1,967,024.221	1,062,897.032
211+33.24	56.64' Rt.	1,967,024.224	1,062,897.506
211+33.90	69.18' Rt.	1,967,024.298	1,062,910.060
211+34.17	74.18' Rt.	1,967,024.327	1,062,915.070
211+79.87	8.43' Lt.	1,967,073.853	1,062,834.584
211+80.27	⊕	1,967,073.903	1,062,843.024
211+82.70	51.42' Rt.	1,967,074.205	1,062,894.501
211+82.94	56.54' Rt.	1,967,074.235	1,062,899.626
211+83.77	74.14' Rt.	1,967,074.339	1,062,917.250

JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.P. 339 (ILLINOIS ROUTE 62)
 LIMITS: PLUM GROVE ROAD TO ILLINOIS ROUTE 53
 COUNTY: COOK
 SECTION: 16-00068-00-WR JOB NO.: R-90-021-16
 STATION 211+00 TO STATION 215+00
 SCALE: 1"=20'
 SHEET 5 OF 16

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

FILE NAME 50101-PL-04.dgn	USER NAME: Mibeering	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD PLAT OF HIGHWAYS	F.A.U. R.T.E. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 124
Default	PLOT SCALE: 1"=20.0000' / in. PLOT DATE: 4/2/2020	CHECKED - DATE 4/2/2020	REVISED - REVISED -	SCALE: N.T.S.	SHEET 4 OF 15 SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 61G20

PART OF THE SE 1/4 OF SEC. 34 AND PART OF THE SW 1/4 OF SEC. 35, TWP. 42 N., R. 10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER
OL50004	6.977	1.230	0.673	5.747	T.E.-A=0.019 T.E.-B=0.328	Construction Purposes Construction Purposes	07-01-101-006 02-35-305-003

PLUM GROVE HIGH CREST
Filed October 28, 1953
as Torrens Document No. 1490691

Parcel	Document No.	Date Recorded
OL50004	00605388	August 9, 2000
---	11195799	February 2, 1933
---	11247327	June 14, 1933
---	00605387	August 9, 2000

PROJECT COORDINATES Illinois Coordinate System NAD 83(2011) East Zone			
STATION	OFFSET	NORTH	EAST
125+70.00	73.93' Rt.	1,967,449.289	1,063,035.997
126+35.00	67.43' Rt.	1,967,428.788	1,063,097.514
126+35.00	77.44' Rt.	1,967,419.668	1,063,093.380
127+60.80	67.96' Rt.	1,967,375.984	1,063,210.708
127+60.83	72.96' Rt.	1,967,371.442	1,063,208.608
215+61.46	51.14' Rt.	1,967,453.978	1,062,903.514
215+66.06	69.08' Rt.	1,967,458.228	1,062,921.544
215+70.00	99.03' Rt.	1,967,461.588	1,062,951.567

LEGEND

SECTION CORNER 16 15 QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE

APL APPARENT PROPERTY LINE
EXISTING CENTER LINE
PROPOSED CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
EXISTING ACCESS CONTROL LINE
PROPOSED ACCESS CONTROL LINE
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DIMENSION

EXISTING BUILDING

0 20' 40'
SCALE: 1"=20'

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone.

○ IRON PIPE OR ROD FOUND ● "MAG" NAIL SET
+ CUT CROSS FOUND OR SET ● 5/8" REBAR SET

■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

● PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)

□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE }SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 34, TOWNSHIP 42N., RANGE 10E. AND SECTION 35, TOWNSHIP 42N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

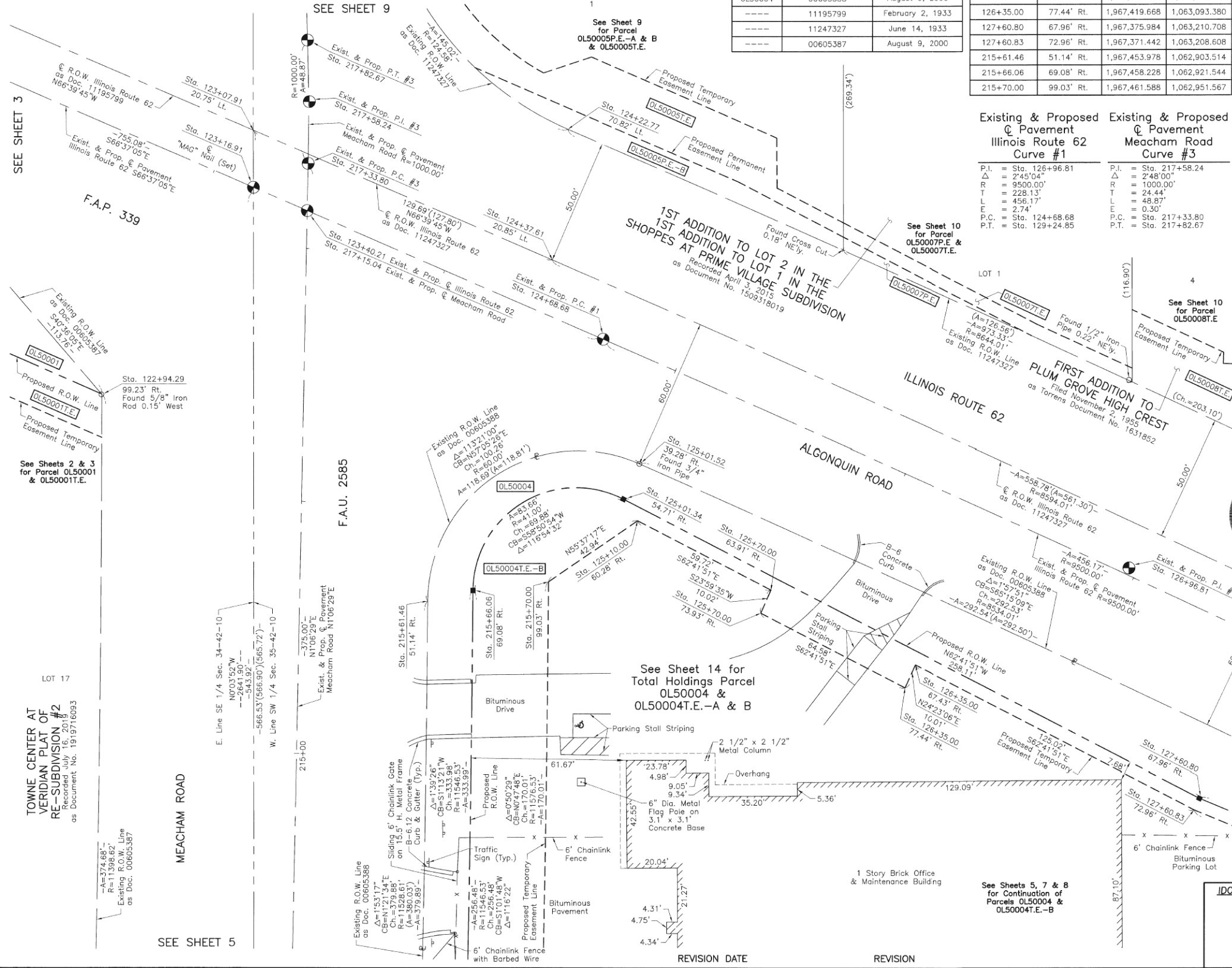
DATED AT LAKE VILLA, ILLINOIS THIS 17th DAY OF July 2019 A.D.

Christian H. Jorgensen PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2020

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

All dimensions are measured unless otherwise specified.
Areas shown on this plat are ground.
All measured and computed distances are grid not ground.
To obtain ground distances, divide grid distances shown by the combined factor of 0.9999524413.

Existing & Proposed Pavement Illinois Route 62 Curve #1			Existing & Proposed Pavement Meacham Road Curve #3		
P.I. = Sta. 126+96.81	Δ = 2'45"04"	R = 9500.00'	P.I. = Sta. 217+58.24	Δ = 2'48"00"	R = 1000.00'
T = 228.13'	L = 456.17'	E = 2.74'	T = 24.44'	L = 48.87'	E = 0.30'
P.C. = Sta. 124+68.68			P.C. = Sta. 217+33.80		
P.T. = Sta. 129+24.85			P.T. = Sta. 217+82.67		



SEE SHEET 3

SEE SHEET 9

SEE SHEET 10 for Parcel OL50007P.E. & OL50007T.E.

SEE SHEET 10 for Parcel OL50008T.E.

SEE SHEET 14 for Total Holdings Parcel OL50004 & OL50004T.E.-A & B

SEE SHEETS 5, 7 & 8 for Continuation of Parcels OL50004 & OL50004T.E.-B

SEE SHEET 5

SEE SHEET 7

SEE SHEET 10

PROJECT COORDINATES Illinois Coordinate System NAD 83(2011) East Zone			
STATION	OFFSET	NORTH	EAST
122+94.29	99.23' Rt.	1,967,535.664	1,062,773.822
123+07.91	20.75' Lt.	1,967,640.386	1,062,833.947
123+16.91	€	1,967,617.768	1,062,833.972
124+22.77	70.82' Lt.	1,967,640.766	1,062,959.242
124+37.61	20.85' Lt.	1,967,589.008	1,062,953.029
125+01.34	54.71' Rt.	1,967,494.379	1,062,981.349
125+01.52	39.28' Rt.	1,967,508.452	1,062,987.688
125+10.00	60.28' Rt.	1,967,485.832	1,062,987.004
125+70.00	63.91' Rt.	1,967,458.440	1,063,040.070

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

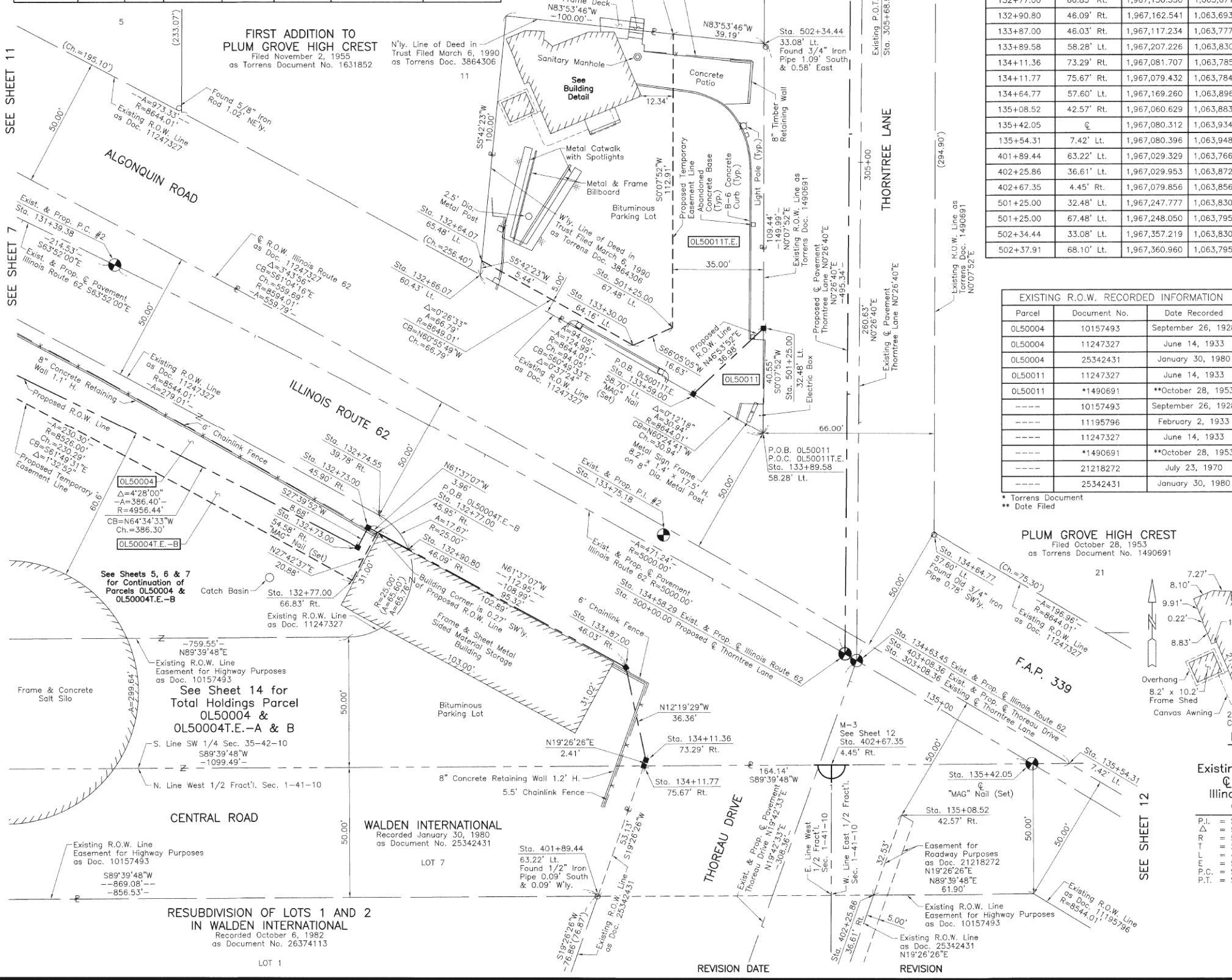
**PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**
F.A.P. 339 (ILLINOIS ROUTE 62)
LIMITS: PLUM GROVE ROAD TO ILLINOIS ROUTE 53 COUNTY: COOK
SECTION: 16-00068-00-WR JOB NO.: R-90-021-16
STATION 122+00 TO STATION 128+00
STATION 214+00 TO STATION 218+00
SCALE: 1"=20' SHEET 6 OF 16

**BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196**

FILE NAME 50101-PL-05.dgn*	USER NAME= Mibeering	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD PLAT OF HIGHWAYS		F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 125
Default	PLOT SCALE=100.0000' / in.	CHECKED -	REVISED -	SCALE: N.T.S.		SHEET 5 OF 15 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 61G20		
	PLOT DATE= 4/2/2020	DATE 4/2/2020	REVISED -									

PART OF THE EAST AND WEST 1/2 OF FRACTIONAL SEC. 1, TWP. 41 NORTH., R. 10 E. AND PART OF THE SW 1/4 OF SEC. 35, TWP. 42 N., R. 10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER
OL50004	6.977	1.230	0.673	5.747	T.E.-A=0.019 T.E.-B=0.328	Construction Purposes	07-01-101-006 02-35-305-003
OL50011	0.302	0.013	N/A	0.289	0.114	Construction Purposes	02-35-305-036



PROJECT COORDINATES			
STATION	OFFSET	NORTH	EAST
132+77.00	45.95' Rt.	1,967,169.039	1,063,681.412
132+77.00	66.83' Rt.	1,967,150.550	1,063,671.701
132+90.80	46.09' Rt.	1,967,162.541	1,063,693.439
133+87.00	46.03' Rt.	1,967,117.234	1,063,777.299
133+89.58	58.28' Lt.	1,967,207.226	1,063,830.111
134+11.36	73.29' Rt.	1,967,081.707	1,063,785.061
134+64.77	57.60' Lt.	1,967,169.260	1,063,896.021
135+08.52	42.57' Rt.	1,967,060.629	1,063,883.662
135+42.05	€	1,967,080.312	1,063,934.054
135+54.31	7.42' Lt.	1,967,080.396	1,063,948.390
401+89.44	63.22' Lt.	1,967,029.329	1,063,766.574
402+25.86	36.61' Lt.	1,967,029.953	1,063,872.835
402+67.35	4.45' Rt.	1,967,079.856	1,063,856.552
501+25.00	32.48' Lt.	1,967,247.777	1,063,830.204
501+25.00	67.48' Lt.	1,967,248.050	1,063,795.204
502+34.44	33.08' Lt.	1,967,357.219	1,063,830.455
502+37.91	68.10' Lt.	1,967,360.960	1,063,795.463

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
OL50004	10157493	September 26, 1928
OL50004	11247327	June 14, 1933
OL50004	25342431	January 30, 1980
OL50011	11247327	June 14, 1933
OL50011	*1490691	**October 28, 1953
-----	10157493	September 26, 1928
-----	11195796	February 2, 1933
-----	11247327	June 14, 1933
-----	*1490691	**October 28, 1953
-----	21218272	July 23, 1970
-----	25342431	January 30, 1980

LEGEND

SECTION CORNER 9/10 16/15

QUARTER SECTION CORNER 16 15

SECTION LINE
QUARTER SECTION LINE
QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE

APL APPARENT PROPERTY LINE
F.C. FOUND CENTER LINE
P.C. PROPOSED CENTER LINE
E.W. EXISTING RIGHT OF WAY LINE
P.W. PROPOSED RIGHT OF WAY LINE
E.E. EXISTING EASEMENT
P.E. PROPOSED EASEMENT
A.C. EXISTING ACCESS CONTROL LINE
P.A.C. PROPOSED ACCESS CONTROL LINE
M.D. MEASURED DIMENSION
C.D. COMPUTED DIMENSION
R.D. RECORD DIMENSION

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone.

○ IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET
+ CUT CROSS FOUND OR SET ● 5/8" REBAR SET

■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

● PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)

□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS } SS
COUNTY OF LAKE

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 1, TOWNSHIP 41N., RANGE 10E. AND SECTION 35, TOWNSHIP 42N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 17th DAY OF May 2019 A.D.

Christian H. Jorgensen PRESIDENT
2797 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS
LAKE VILLA, ILLINOIS

PROJECT COORDINATES			
STATION	OFFSET	NORTH	EAST
132+64.07	65.48' Lt.	1,967,273.762	1,063,721.624
132+66.07	60.43' Lt.	1,967,268.351	1,063,721.084
132+73.00	45.90' Rt.	1,967,170.923	1,063,677.925
132+73.00	54.58' Rt.	1,967,163.235	1,063,673.895
132+74.55	39.78' Rt.	1,967,175.637	1,063,682.128
133+30.00	64.16' Lt.	1,967,241.309	1,063,780.004
133+59.00	58.70' Lt.	1,967,222.506	1,063,803.201

PLUM GROVE HIGH CREST
Filed October 28, 1953
as Torrens Document No. 1490691

Building Detail
Scale: 1"=20'

Existing & Proposed Pavement Illinois Route 62 Curve #2

P.I. = Sta. 133+75.18
Δ = 524'00"
R = 5000.00'
T = 235.80'
L = 471.24'
E.C. = 5.56'
P.C. = Sta. 131+39.38
P.T. = Sta. 136+10.62

DOT USE ONLY

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 339 (ILLINOIS ROUTE 62)

LIMITS: PLUM GROVE ROAD TO ILLINOIS ROUTE 53 COUNTY: COOK
SECTION: 16-00068-00-WR JOB NO.: R-90-021-16
STATION 131+00 TO STATION 136+00
STATION 401+00 TO STATION 403+08.36
STATION 500+00.00 TO STATION 503+00
SCALE: 1"=20' SHEET 8 OF 16

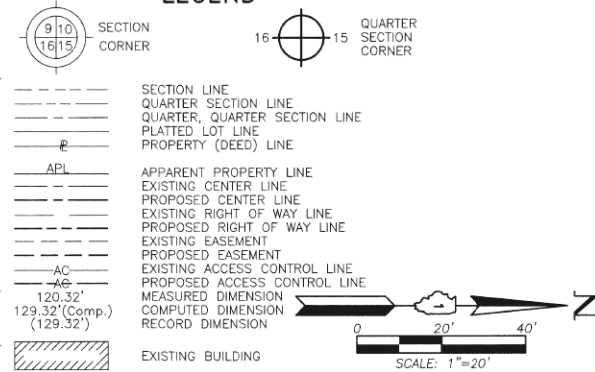
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

PART OF THE SE 1/4 OF SEC. 34 AND PART OF THE SW 1/4 OF SEC. 35, TWP. 42 N., R. 10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

SEE SHEET 3

See Sheets 2 & 3 for Parcel 0L50002 & 0L50002T.E.

LEGEND



Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone.

STATE OF ILLINOIS }
 COUNTY OF LAKE }SS
 THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 34, TOWNSHIP 42N., RANGE 10E. AND SECTION 35, TOWNSHIP 42N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.
 DATED AT LAKE VILLA, ILLINOIS THIS 13TH DAY OF May 2019 A.D.



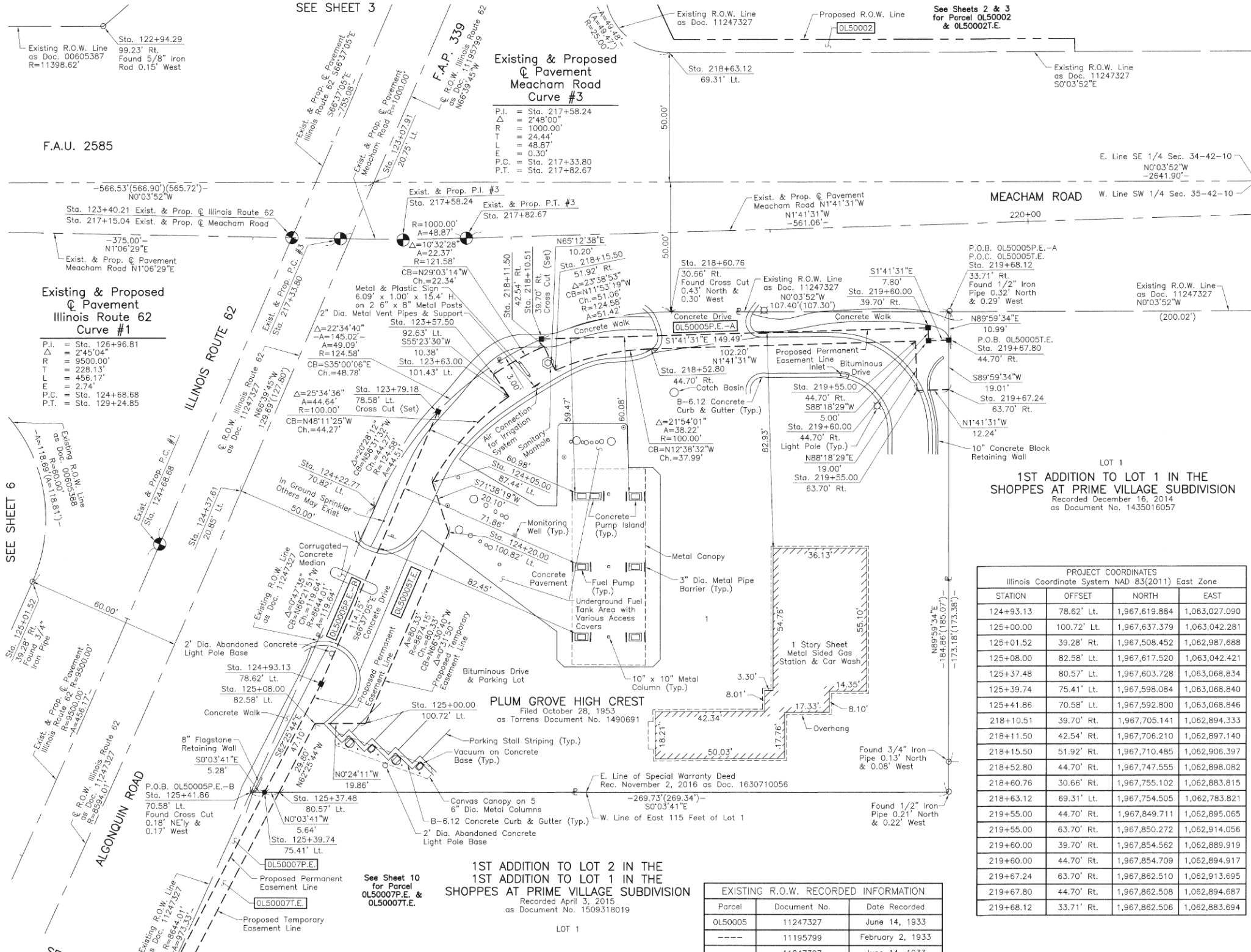
Christian H. Jorgensen - PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2020
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
 All dimensions are measured unless otherwise specified.
 Areas shown on this plat are ground.
 All measured and computed distances are grid distances shown. To obtain ground distances, divide grid distances shown by the combined factor of 0.9999524413.

PROJECT COORDINATES				
Illinois Coordinate System NAD 83(2011) East Zone				
STATION	OFFSET	NORTH	EAST	
124+93.13	78.62' Lt.	1,967,619.884	1,063,027.090	
125+00.00	100.72' Lt.	1,967,637.379	1,063,042.281	
125+01.52	39.28' Rt.	1,967,508.452	1,062,987.688	
125+08.00	82.58' Lt.	1,967,617.520	1,063,042.421	
125+37.48	80.57' Lt.	1,967,603.728	1,063,068.834	
125+39.74	75.41' Lt.	1,967,598.084	1,063,068.840	
125+41.86	70.58' Lt.	1,967,592.800	1,063,068.846	
125+15.50	51.92' Rt.	1,967,710.485	1,062,906.397	
218+10.51	39.70' Rt.	1,967,705.141	1,062,894.333	
218+11.50	42.54' Rt.	1,967,706.210	1,062,897.140	
218+15.50	51.92' Rt.	1,967,710.485	1,062,906.397	
218+52.80	44.70' Rt.	1,967,747.555	1,062,898.082	
218+60.76	30.66' Rt.	1,967,755.102	1,062,883.815	
218+63.12	69.31' Lt.	1,967,754.505	1,062,783.821	
219+55.00	44.70' Rt.	1,967,849.711	1,062,895.065	
219+55.00	63.70' Rt.	1,967,850.272	1,062,914.056	
219+60.00	39.70' Rt.	1,967,854.562	1,062,889.919	
219+60.00	44.70' Rt.	1,967,854.709	1,062,894.917	
219+67.24	63.70' Rt.	1,967,862.510	1,062,913.695	
219+67.80	44.70' Rt.	1,967,862.508	1,062,894.687	
219+68.12	33.71' Rt.	1,967,862.506	1,062,883.894	

JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 F.A.P. 339 (ILLINOIS ROUTE 62)
 LIMITS: PLUM GROVE ROAD TO ILLINOIS ROUTE 53
 COUNTY: COOK
 SECTION: 16-00068-00-WR JOB NO.: R-90-021-16
 STATION 122+00 TO STATION 126+00
 STATION 216+00 TO STATION 221+00
 SCALE: 1"=20' SHEET 9 OF 16

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196



Existing & Proposed Pavement Meacham Road Curve #3

P.I.	= Sta. 217+58.24
P.T.	= Sta. 217+82.67
Δ	= 24.44'
R	= 1000.00'
L	= 48.67'
Ch.	= 0.30'
CB	= N11°53'19"W
Ch.	= 51.06'
A	= 51.42'

Existing & Proposed Pavement Illinois Route 62 Curve #1

P.I.	= Sta. 126+96.81
P.T.	= Sta. 129+24.85
Δ	= 2'45"04"
R	= 9500.00'
L	= 228.13'
Ch.	= 456.17'
P.C.	= Sta. 124+68.68
P.T.	= Sta. 129+24.85

PLUM GROVE HIGH CREST
 Filed October 28, 1953
 as Torrens Document No. 1490691

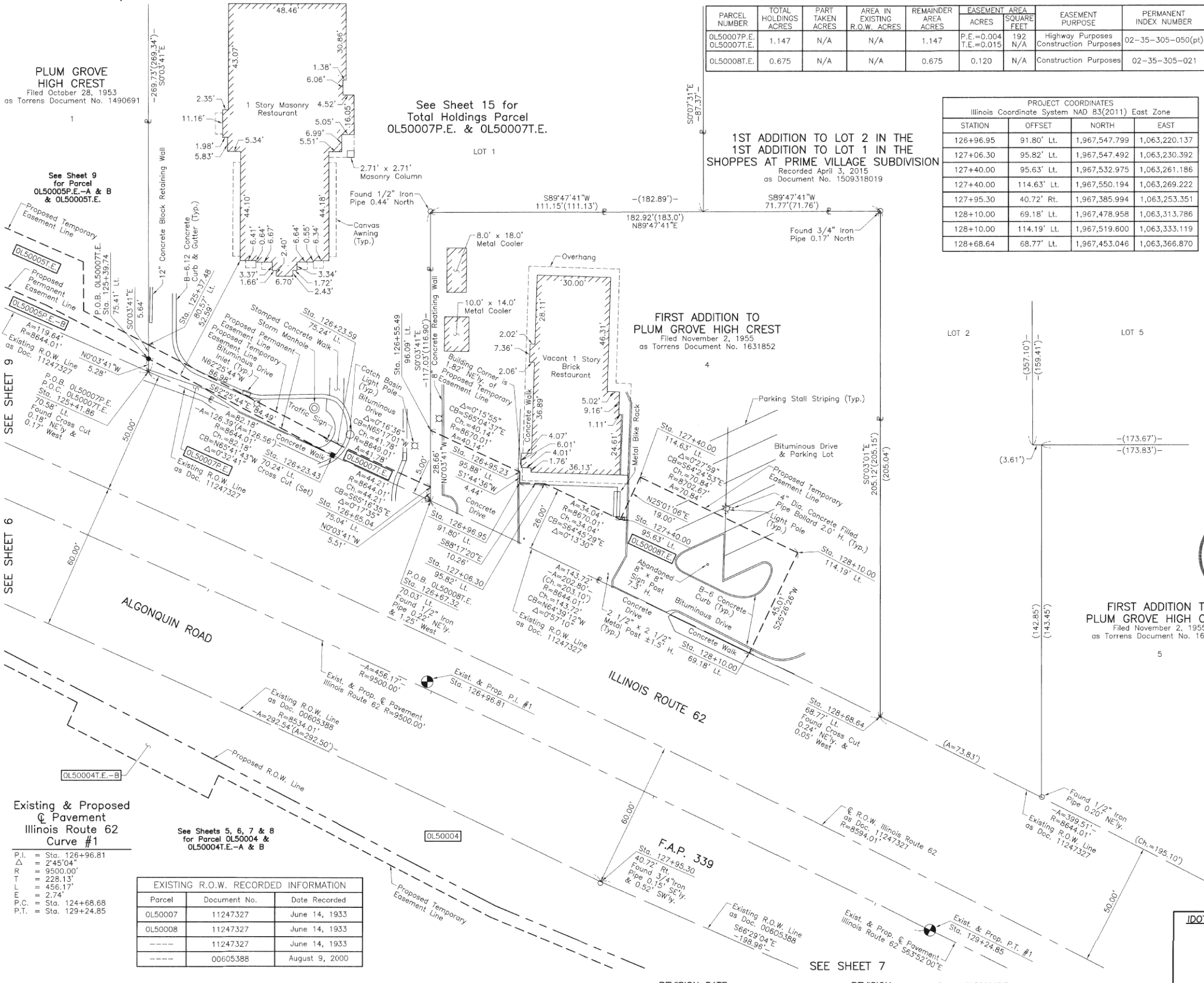
1ST ADDITION TO LOT 2 IN THE 1ST ADDITION TO LOT 1 IN THE SHOPPES AT PRIME VILLAGE SUBDIVISION
 Recorded April 3, 2015
 as Document No. 1509318019

Parcel	Document No.	Date Recorded
0L50005	11247327	June 14, 1933
---	11195799	February 2, 1933
---	11247327	June 14, 1933
---	00605387	August 9, 2000
---	00605388	August 9, 2000

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER
0L50005P.E.-A 0L50005P.E.-B 0L50005T.E.	0.946	N/A	N/A	0.946	P.E.-A=0.027 P.E.-B=0.025 T.E.=0.092	Highway Purposes Highway Purposes Construction Purposes	02-35-305-029

REVISION DATE October 23, 2018 REVISION Eliminated Parcel 0L50006

PART OF THE SW 1/4 OF SEC. 35, TWP. 42 N., R. 10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER
0L50007P.E. 0L50007T.E.	1.147	N/A	N/A	1.147	P.E.=0.004 T.E.=0.015	192 N/A	Highway Purposes Construction Purposes	02-35-305-050(pt)
0L50008T.E.	0.675	N/A	N/A	0.675	0.120	N/A	Construction Purposes	02-35-305-021

PROJECT COORDINATES Illinois Coordinate System NAD 83(2011) East Zone			
STATION	OFFSET	NORTH	EAST
126+96.95	91.80' Lt.	1,967,547.799	1,063,220.137
127+06.30	95.82' Lt.	1,967,547.492	1,063,230.392
127+40.00	95.63' Lt.	1,967,532.975	1,063,261.186
127+40.00	114.63' Lt.	1,967,550.194	1,063,269.222
127+95.30	40.72' Rt.	1,967,385.994	1,063,253.351
128+10.00	69.18' Lt.	1,967,478.958	1,063,313.786
128+10.00	114.19' Lt.	1,967,519.800	1,063,333.119
128+68.64	68.77' Lt.	1,967,453.046	1,063,366.870

LEGEND

SECTION CORNER: 9 10 16 15

QUARTER SECTION CORNER: 16 15

SECTION LINE
QUARTER SECTION LINE
QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE

APL
APPARENT PROPERTY LINE
EXISTING CENTER LINE
PROPOSED CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
EXISTING ACCESS CONTROL LINE
PROPOSED ACCESS CONTROL LINE
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DIMENSION

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone.

○ IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET
+ CUT CROSS FOUND OR SET ● 5/8" REBAR SET

■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

⊙ PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)

□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 35, TOWNSHIP 42N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS. DATED AT LAKE VILLA, ILLINOIS THIS 23RD DAY OF May 2019 A.D.

Christian H. Jorgensen, PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2020
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

All dimensions are measured unless otherwise specified.
Areas shown on this plat are ground.
All measured and computed distances are grid not ground.
To obtain ground distances, divide grid distances shown by the combined factor of 0.9999524413.



FIRST ADDITION TO PLUM GROVE HIGH CREST
Filed November 2, 1955
as Torrens Document No. 1631852

PROJECT COORDINATES Illinois Coordinate System NAD 83(2011) East Zone			
STATION	OFFSET	NORTH	EAST
125+37.48	80.57' Lt.	1,967,603.728	1,063,068.834
125+39.74	75.41' Lt.	1,967,598.084	1,063,068.840
125+41.86	70.58' Lt.	1,967,592.800	1,063,068.846
126+23.43	70.24' Lt.	1,967,558.977	1,063,143.737
126+23.59	75.24' Lt.	1,967,563.470	1,063,145.936
126+55.49	96.09' Lt.	1,967,569.149	1,063,183.866
126+65.04	75.04' Lt.	1,967,546.000	1,063,183.890
126+67.32	70.03' Lt.	1,967,540.486	1,063,183.896
126+95.23	95.88' Lt.	1,967,552.232	1,063,220.272

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

**PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**
F.A.P. 339 (ILLINOIS ROUTE 62)
LIMITS: PLUM GROVE ROAD TO ILLINOIS ROUTE 53
COUNTY: COOK
SECTION: 16-00068-00-WR JOB NO.: R-90-021-16
STATION 125+00 TO STATION 130+00
SCALE: 1"=20' SHEET 10 OF 16

**BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196**

PLUM GROVE HIGH CREST
Filed October 28, 1953
as Torrens Document No. 1490691

See Sheet 9 for Parcel 0L50005P.E.-A & B & 0L50005T.E.

See Sheet 15 for Total Holdings Parcel 0L50007P.E. & 0L50007T.E.

1ST ADDITION TO LOT 2 IN THE 1ST ADDITION TO LOT 1 IN THE SHOPPES AT PRIME VILLAGE SUBDIVISION
Recorded April 3, 2015
as Document No. 1509318019

FIRST ADDITION TO PLUM GROVE HIGH CREST
Filed November 2, 1955
as Torrens Document No. 1631852

Existing & Proposed Pavement Illinois Route 62 Curve #1
P.I. = Sta. 126+96.81
Δ = 2'45"04"
R = 9500.00'
T = 228.13'
L = 456.17'
E = 2.74'
P.C. = Sta. 124+68.68
P.T. = Sta. 129+24.85

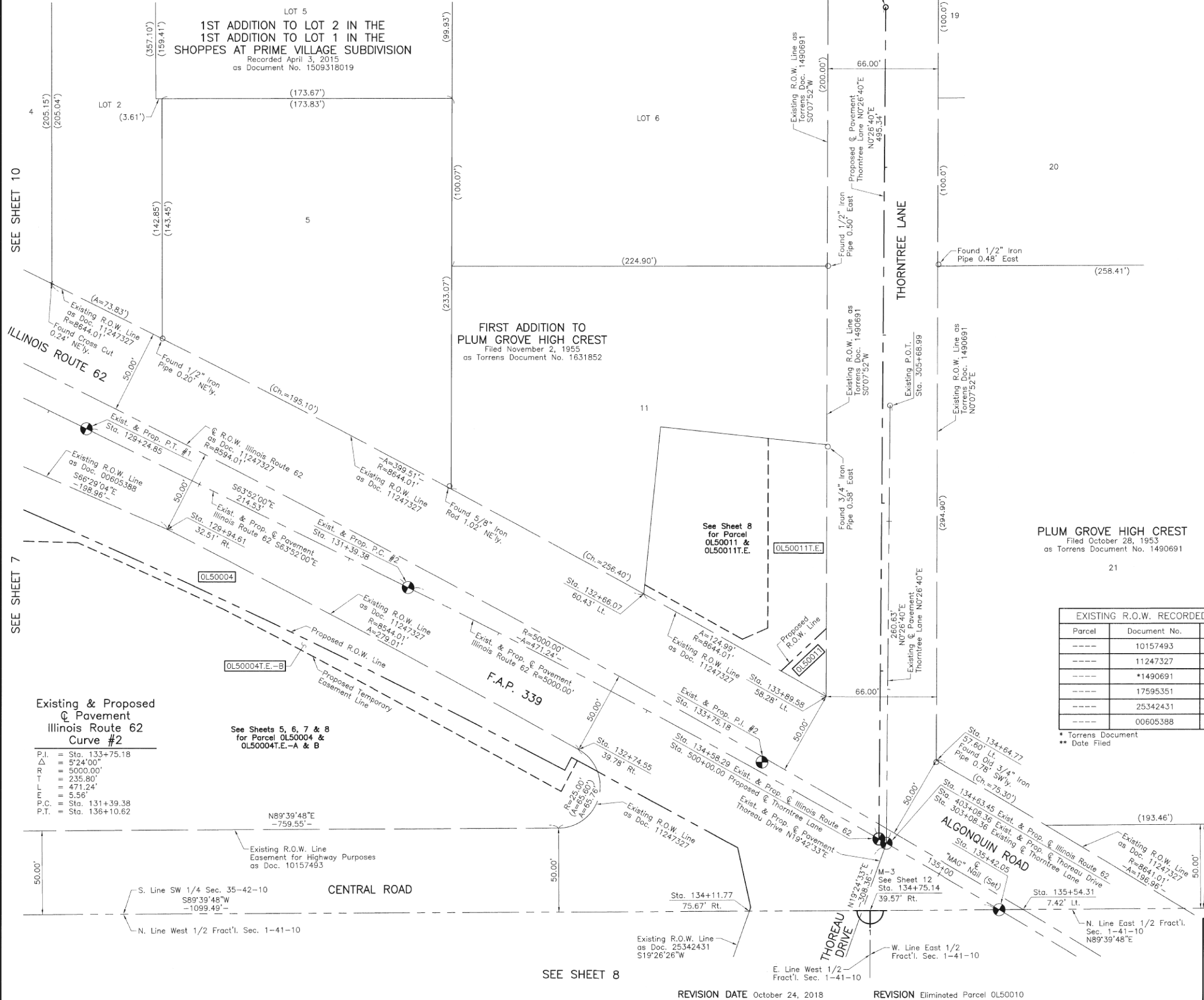
EXISTING R.O.W. RECORDED INFORMATION			
Parcel	Document No.	Date Recorded	
0L50007	11247327	June 14, 1933	
0L50008	11247327	June 14, 1933	
-----	11247327	June 14, 1933	
-----	00605388	August 9, 2000	

See Sheets 5, 6, 7 & 8 for Parcel 0L50004 & 0L50004T.E.-A & B

REVISION DATE October 24, 2018

REVISION Eliminated Parcel 0L50009T.E.

PART OF THE EASE AND WEST 1/2 OF FRACTIONAL SEC. 1, TWP. 41 N., R. 10 E. AND PART OF THE SW 1/4 OF SEC. 35, TWP. 42 N., R. 10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



LEGEND

SECTION CORNER: 9 10 16 15

QUARTER SECTION CORNER: 16 15

SECTION LINE: ---

QUARTER SECTION LINE: - - - -

PLATTED LOT LINE: - - - -

PROPERTY (DEED) LINE: ———

APL: - - - -

APPARENT PROPERTY LINE: - - - -

EXISTING CENTER LINE: - - - -

PROPOSED CENTER LINE: - - - -

EXISTING RIGHT OF WAY LINE: - - - -

PROPOSED RIGHT OF WAY LINE: - - - -

EXISTING EASEMENT: - - - -

PROPOSED EASEMENT: - - - -

AC: - - - -

EXISTING ACCESS CONTROL LINE: - - - -

PROPOSED ACCESS CONTROL LINE: - - - -

MEASURED DIMENSION: 120.32'

COMPUTED DIMENSION: 129.32'(Comp.)

RECORD DIMENSION: 129.32'

EXISTING BUILDING: [Hatched Box]

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone.

○ IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET

+ CUT CROSS FOUND OR SET ● 5/8" REBAR SET

■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

● PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)

□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE }SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 1, TOWNSHIP 41N., RANGE 10E. AND SECTION 35, TOWNSHIP 42N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 15th DAY OF May 2019 A.D.

PLUM GROVE HIGH CREST
Filed October 28, 1953
as Torrens Document No. 1490691



Parcel	Document No.	Date Recorded
----	10157493	September 26, 1928
----	11247327	June 14, 1933
----	*1490691	**October 28, 1953
----	17595351	July 13, 1959
----	25342431	January 30, 1980
----	00605388	August 9, 2000

• Torrens Document
•• Date Filed

PROJECT COORDINATES				
Illinois Coordinate System NAD 83(2011) East Zone				
STATION	OFFSET	NORTH	EAST	
129+94.61	32.51' Rt.	1,967,306.609	1,063,435.788	
132+66.07	60.43' Lt.	1,967,268.351	1,063,721.084	
132+74.55	39.78' Rt.	1,967,175.637	1,063,682.128	
133+89.58	58.28' Lt.	1,967,207.226	1,063,830.111	
134+11.77	75.67' Rt.	1,967,079.432	1,063,784.258	
134+64.77	57.60' Lt.	1,967,169.260	1,063,896.021	
134+75.14	39.57' Rt.	1,967,079.856	1,063,856.552	
135+42.05	⊕	1,967,080.312	1,063,934.054	
135+54.31	7.42' Lt.	1,967,080.396	1,063,948.390	

Existing & Proposed Pavement @ Illinois Route 62 Curve #2

See Sheets 5, 6, 7 & 8 for Parcel OL50004 & OL50004T.E.-A & B

P.I. = Sta. 133+75.18
Δ = 5'24"00"
R = 5000.00'
T = 235.80'
L = 471.24'
m = 5.56'
P.C. = Sta. 131+39.38
P.T. = Sta. 136+10.62

N89°39'48"E
-759.55'-

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 339 (ILLINOIS ROUTE 62)
LIMITS: PLUM GROVE ROAD TO ILLINOIS ROUTE 53
COUNTY: COOK
SECTION: 16-00068-00-WR JOB NO.: R-90-021-16
STATION 128+00 TO STATION 136+00
STATION 500+00.00 TO STATION 504+95.34
SCALE: 1"=30' SHEET 11 OF 16

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

PART OF THE WEST 1/2 OF FRACTIONAL SEC. 1, PART OF THE EAST 1/2 OF FRACTIONAL SEC. 2, TWP. 41 N., R. 10 E. OF THE 3RD. P.M. AND PART OF THE SOUTH 1/2 OF SEC. 34, TWP. 42 N., R. 10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

LEGEND

SECTION LINE
 QUARTER SECTION LINE
 QUARTER, QUARTER SECTION LINE
 PLATTED LOT LINE
 PROPERTY (DEED) LINE

APL APPARENT PROPERTY LINE
 EXISTING CENTER LINE
 PROPOSED CENTER LINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 EXISTING EASEMENT
 PROPOSED EASEMENT
 AC EXISTING ACCESS CONTROL LINE
 PROPOSED ACCESS CONTROL LINE
 MEASURED DIMENSION
 120.32'
 129.32'(Comp.)
 (129.32')
 RECORDED DIMENSION

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone.

○ IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET
 + CUT CROSS FOUND OR SET ● 5/8" REBAR SET

■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY DESCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

⊙ PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)

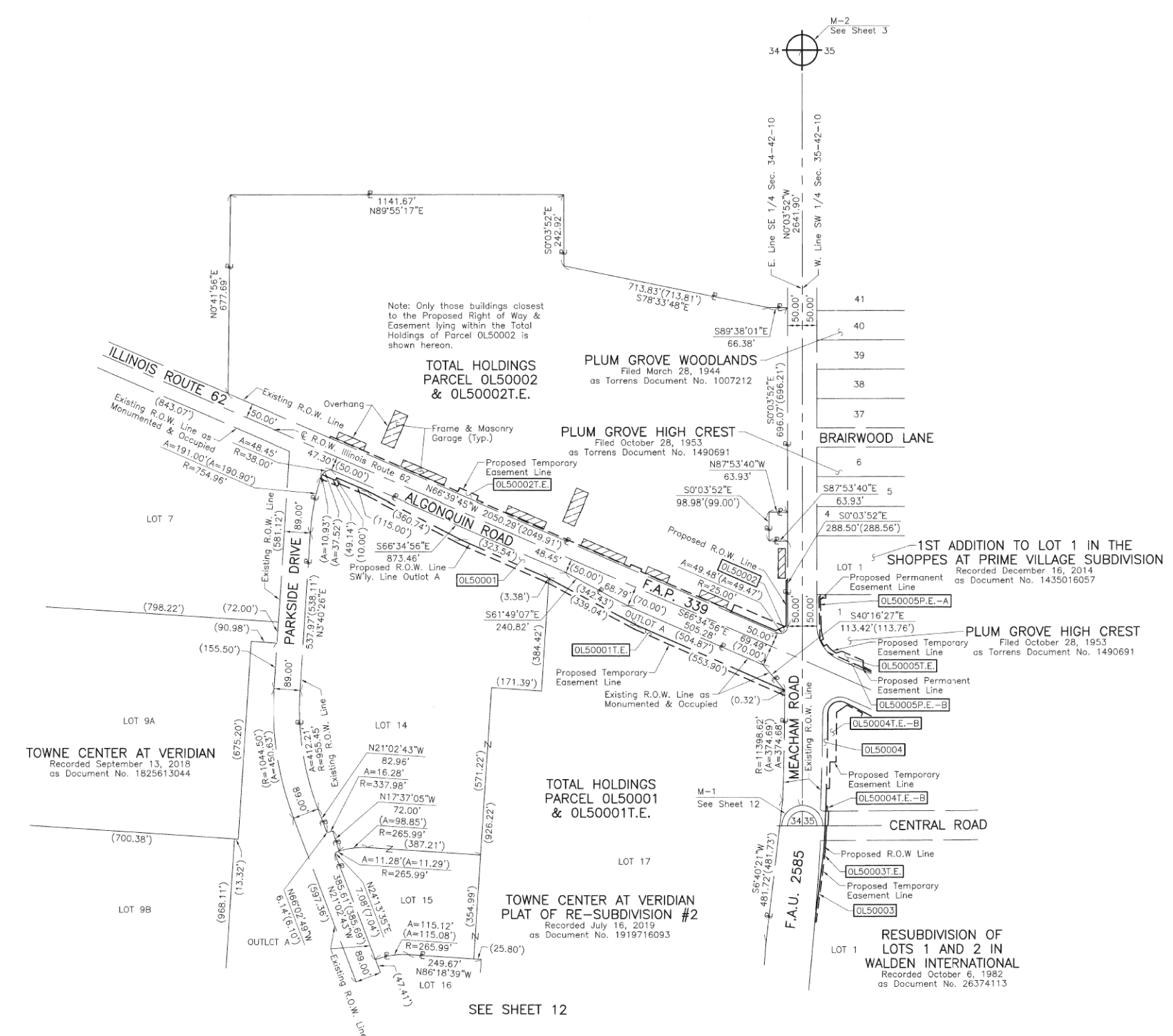
□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
 COUNTY OF LAKE }SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 2, TOWNSHIP 41N., RANGE 10E. AND SECTION 34, TOWNSHIP 42N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 23RD DAY OF August 2019 A.D.

Christian H. Jorgensen PRESIDENT
 2787 PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2020
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
 All dimensions are measured unless otherwise specified.
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 To obtain ground distances, divide grid distances shown by the combined factor of 0.9999524413.



JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.P. 339 (ILLINOIS ROUTE 62)
 LIMITS: PLUM GROVE ROAD TO ILLINOIS ROUTE 53
 COUNTY: COOK
 SECTION: 16-00068-00-WR JOB NO.: R-90-021-16
 STATION NONE TO STATION
 SCALE: 1"=200' SHEET 13 OF 16

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

REVISION DATE August 23, 2019 REVISION Total Holdings Parcel 0L50001

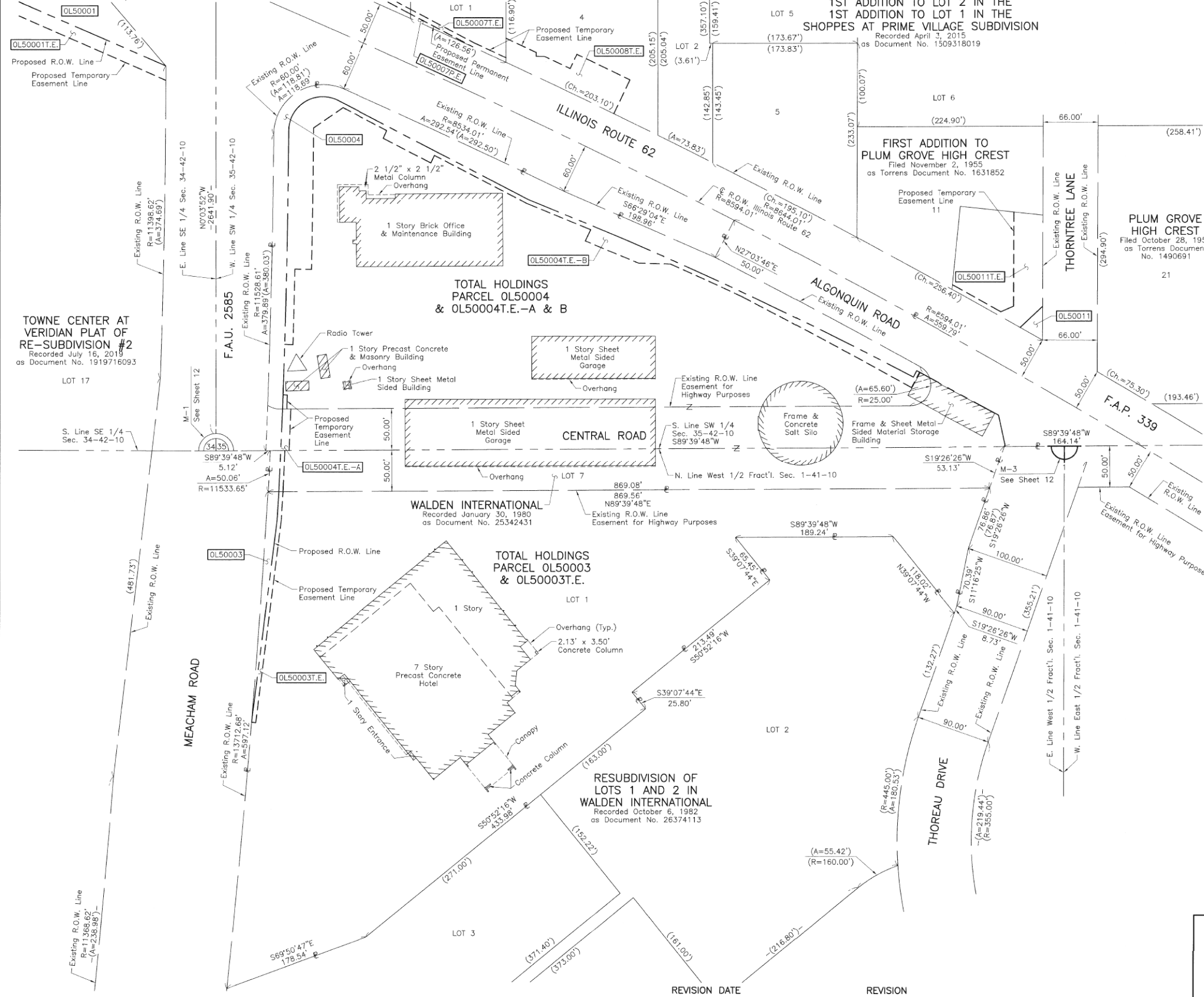
FILE NAME 50101-PL-12.dgn	USER NAME: Mibeening	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD PLAT OF HIGHWAYS	F.A.U. RT.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE: 100.0000' / in.	CHECKED -	REVISED -			0339	16-00068-00-WR	COOK	301	132	
	PLOT DATE: 4/2/2020	DATE 4/2/2020	REVISED -			SCALE: N.T.S. SHEET 12 OF 15 SHEETS STA. TO STA.					
						ILLINOIS FED. AID PROJECT					

PART OF THE EAST 1/2 AND WEST 1/2 OF FRACTIONAL SEC. 1, TWP. 41 N., R. 10 E., PART OF THE SE 1/4 OF SEC. 34 AND PART OF THE SW 1/4 OF SEC. 35, TWP. 42 N., R. 10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

1ST ADDITION TO LOT 2 IN THE
1ST ADDITION TO LOT 1 IN THE
SHOPPES AT PRIME VILLAGE SUBDIVISION
Recorded April 3, 2015
as Document No. 1509318019

FIRST ADDITION TO
PLUM GROVE HIGH CREST
Filed November 2, 1955
as Torrens Document No. 1631852

PLUM GROVE
HIGH CREST
Filed October 28, 1953
as Torrens Document
No. 1490691



LEGEND

SECTION CORNER (9/10, 16/15)
QUARTER SECTION CORNER (16)

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE

APL
APPARENT PROPERTY LINE
EXISTING CENTER LINE
PROPOSED CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
EXISTING ACCESS CONTROL LINE
PROPOSED ACCESS CONTROL LINE

AC
AG
120.32'
129.32' (Comp.)
129.32'
RECORD DIMENSION

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone.

○ IRON PIPE OR ROD FOUND ⊕ "MAC" NAIL SET
+ CUT CROSS FOUND OR SET ● 5/8" REBAR SET

■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

⊙ PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)

□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE }
SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 1, TOWNSHIP 41N., RANGE 10E. AND SECTION 35, TOWNSHIP 42N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 17th DAY OF July 2019 A.C.

Christian H. Jorgensen PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2020
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
All dimensions are measured unless otherwise specified.
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To obtain ground distances, divide grid distances shown by the combined factor of 0.9999524413.

CHRISTIAN H. JORGENSEN
2797
PROFESSIONAL
LAND
SURVEYOR
STATE OF
ILLINOIS
LAKE VILLA, ILLINOIS

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 339 (ILLINOIS ROUTE 62)
LIMITS: PLUM GROVE ROAD TO ILLINOIS ROUTE 53
COUNTY: COOK
SECTION: 16-00068-00-WR JOB NO.: R-90-021-16
STATION NONE TO STATION
SCALE: 1"=60' SHEET 14 OF 16

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

FILE NAME: 50101-PL-13.dgn
USER NAME: Mibeering
DESIGNED: -
DRAWN: -
PLOT SCALE: 100.0000' / in.
CHECKED: -
PLOT DATE: 4/2/2020
DATE: 4/2/2020

REVISION DATE: -
REVISION: -
REVISION: -
REVISION: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD
PLAT OF HIGHWAYS

SCALE: N.T.S. SHEET 13 OF 15 SHEETS STA. TO STA.

F.A.U. RT.E.: 0339 SECTION: 16-00068-00-WR COUNTY: COOK TOTAL SHEETS: 301 SHEET NO.: 133
CONTRACT NO. 61G20
ILLINOIS FED. AID PROJECT

FILE NAME	USER NAME	DESIGNED	REVISION DATE	STATE OF ILLINOIS	IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD	F.A.U. RT.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
50101-PL-13.dgn	Mibeering	-	-	DEPARTMENT OF TRANSPORTATION	PLAT OF HIGHWAYS	0339	16-00068-00-WR	COOK	301	133
Default	PLOT SCALE: 100.0000' / in.	CHECKED	REVISION		SCALE: N.T.S.	SHEET 13	OF 15 SHEETS	STA.	TO STA.	CONTRACT NO. 61G20
	PLOT DATE: 4/2/2020	DATE: 4/2/2020	REVISION							ILLINOIS FED. AID PROJECT

PART OF THE SE 1/4 OF SEC. 34 AND PART OF THE SW 1/4 OF SEC. 35, TWP. 42 N., R. 10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



LEGEND

SECTION CORNER

QUARTER SECTION CORNER

SECTION LINE

QUARTER SECTION LINE

PLATTED LOT LINE

PROPERTY (DEED) LINE

APL

APPARENT PROPERTY LINE

EXISTING CENTER LINE

PROPOSED CENTER LINE

EXISTING RIGHT OF WAY LINE

PROPOSED RIGHT OF WAY LINE

EXISTING EASEMENT

PROPOSED EASEMENT

AC

EXISTING ACCESS CONTROL LINE

AP

PROPOSED ACCESS CONTROL LINE

MEASURED DIMENSION

COMPUTED DIMENSION

RECORD DIMENSION

EXISTING BUILDING

0 40' 80'

SCALE: 1"=40'

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone.

○ IRON PIPE OR ROD FOUND

⊕ "MAG" NAIL SET

⊕ CUT CROSS FOUND OR SET

● 5/8" REBAR SET

■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

⊙ PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)

□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
 COUNTY OF LAKE }SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 34, TOWNSHIP 42N., RANGE 10E. AND SECTION 35, TOWNSHIP 42N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 17th DAY OF July 2019 A.D.

Christian H. Jorgensen PRESIDENT
 2797 PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2020
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
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 To obtain ground distances, divide grid distances shown by the combined factor of 0.9999524413.

JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 F.A.P. 339 (ILLINOIS ROUTE 62)
 LIMITS: PLUM GROVE ROAD TO ILLINOIS ROUTE 53
 COUNTY: COOK
 SECTION: 16-00068-00-WR JOB NO.: R-90-021-16
 STATION NONE TO STATION
 SCALE: 1"=40' SHEET 15 OF 16

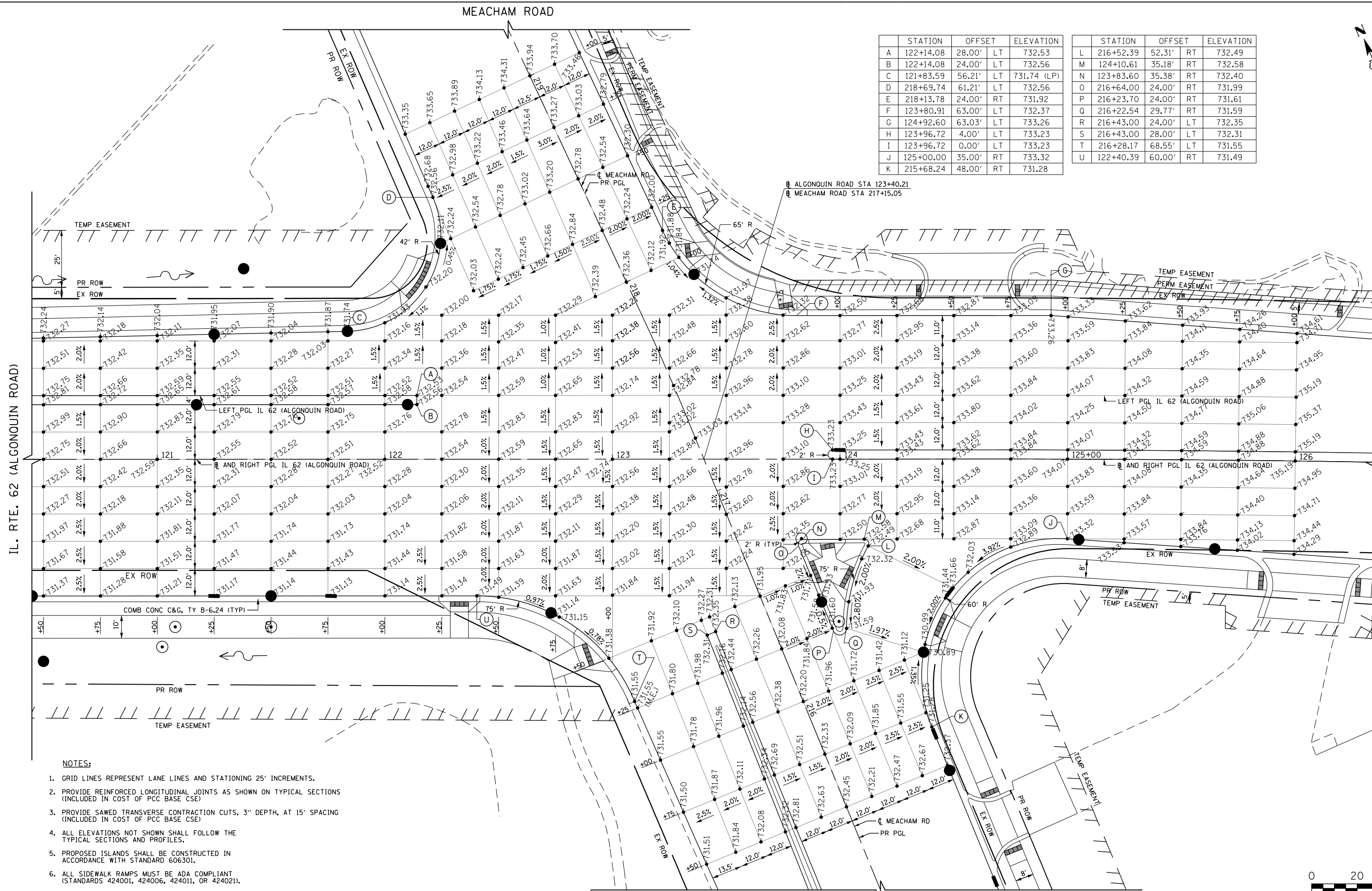
BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

FILE NAME 50101-PL-14.dgn	USER NAME: Mibeening	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD PLAT OF HIGHWAYS	F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 134		
Default	PLOT SCALE: 1"=40.0000' / in.	CHECKED -	REVISED -			SCALE: N.T.S.	SHEET 14 OF 15 SHEETS	STA.	TO STA.	CONTRACT NO. 61G20		
	PLOT DATE: 4/2/2020	DATE 4/2/2020	REVISED -			ILLINOIS FED. AID PROJECT						



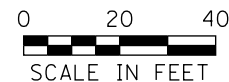
STATION	OFFSET	ELEVATION
A	122+14.08	28.00' LT 732.53
B	122+14.08	24.00' LT 732.56
C	121+83.59	56.21' LT 731.74 (LP)
D	218+69.74	61.21' LT 732.56
E	218+13.78	24.00' RT 731.92
F	123+80.91	63.00' LT 732.37
G	124+92.60	63.03' LT 733.26
H	123+96.72	4.00' LT 733.23
I	123+96.72	0.00' LT 733.23
J	125+00.00	35.00' RT 733.32
K	215+68.24	48.00' RT 731.28

STATION	OFFSET	ELEVATION
L	216+52.39	52.31' RT 732.49
M	124+10.61	35.18' RT 732.58
N	123+83.60	35.38' RT 732.40
O	216+64.00	24.00' RT 731.99
P	216+23.70	24.00' RT 731.61
Q	216+22.54	29.77' RT 731.59
R	216+43.00	24.00' LT 732.35
S	216+43.00	28.00' LT 732.31
T	216+28.17	68.55' LT 731.55
U	122+40.39	60.00' RT 731.49



NOTES:

- GRID LINES REPRESENT LANE LINES AND STATIONING 25' INCREMENTS.
- PROVIDE REINFORCED LONGITUDINAL JOINTS AS SHOWN ON TYPICAL SECTIONS (INCLUDED IN COST OF PCC BASE CSE)
- PROVIDE SAWED TRANSVERSE CONTRACTION CUTS, 3" DEPTH, AT 15' SPACING (INCLUDED IN COST OF PCC BASE CSE)
- ALL ELEVATIONS NOT SHOWN SHALL FOLLOW THE TYPICAL SECTIONS AND PROFILES.
- PROPOSED ISLANDS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 606301.
- ALL SIDEWALK RAMPS MUST BE ADA COMPLIANT (STANDARDS 424001, 424006, 424011, OR 424021).



FILE NAME 50101-1PP-01.dgn	USER NAME= Mibeering	DESIGNED - CEC	REVISED -
Default	PLOT SCALE=40.0000' / in.	DRAWN - CEC	REVISED -
	PLOT DATE= 4/2/2020	CHECKED - DWB	REVISED -
		DATE - 4/2/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

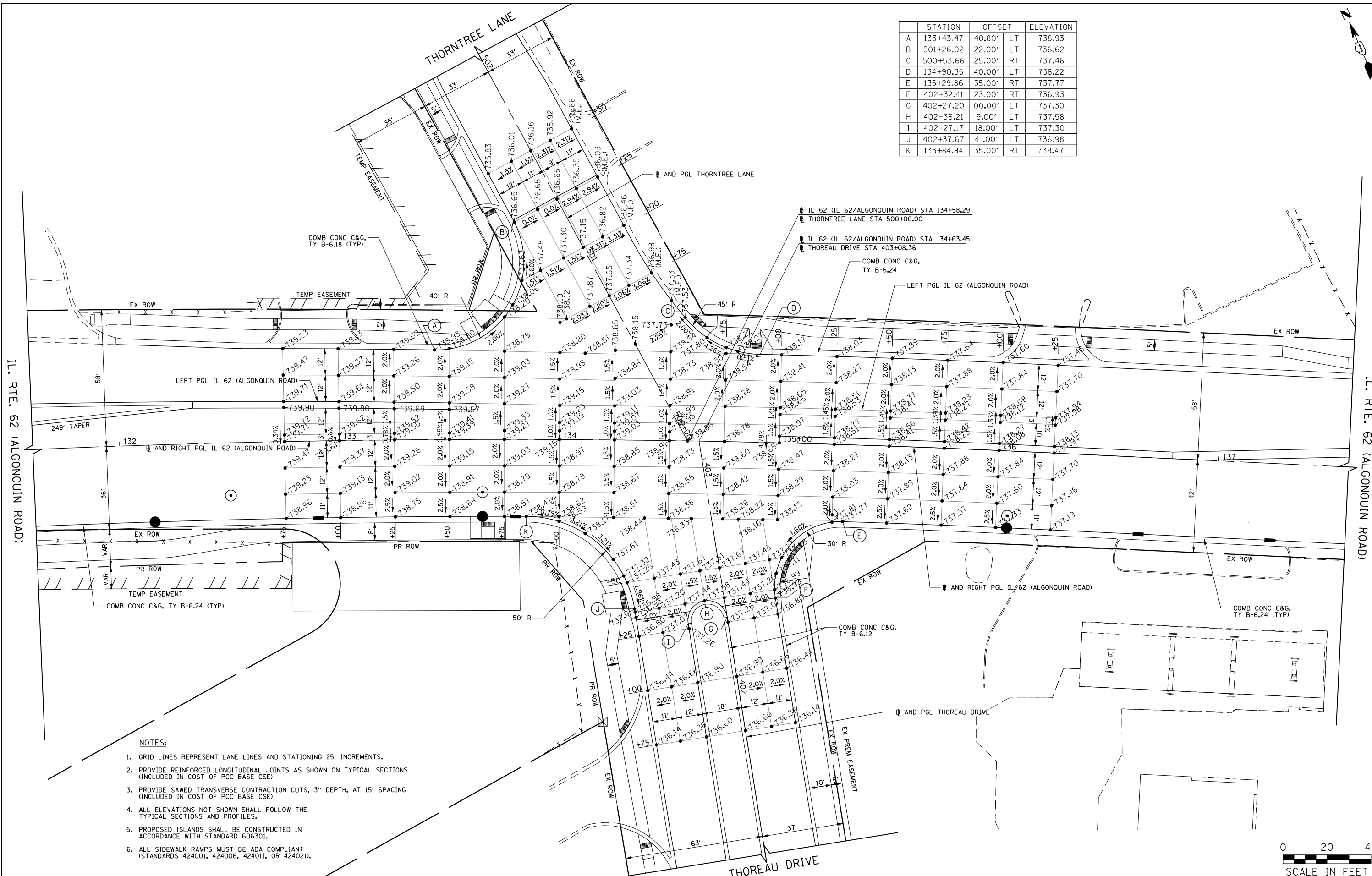
**IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD
INTERSECTION PAVING PLAN**

SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. 120+50 TO STA. 126+25

F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 136
CONTRACT NO. 61G20				ILLINOIS FED. AID PROJECT



	STATION	OFFSET	ELEVATION
A	133+43.47	40.80' LT	738.93
B	501+26.02	22.00' LT	736.62
C	500+53.66	25.00' RT	737.46
D	134+90.35	40.00' LT	738.22
E	135+29.86	35.00' RT	737.77
F	402+32.41	23.00' RT	736.93
G	402+27.20	00.00' LT	737.30
H	402+36.21	9.00' LT	737.58
I	402+27.17	18.00' LT	737.30
J	402+37.67	41.00' LT	736.98
K	133+84.94	35.00' RT	738.47



- NOTES:**
1. GRID LINES REPRESENT LANE LINES AND STATIONING 25' INCREMENTS.
 2. PROVIDE REINFORCED LONGITUDINAL JOINTS AS SHOWN ON TYPICAL SECTIONS (INCLUDED IN COST OF PCC BASE CSE)
 3. PROVIDE SAWED TRANSVERSE CONTRACTION CUTS, 3" DEPTH, AT 15' SPACING (INCLUDED IN COST OF PCC BASE CSE)
 4. ALL ELEVATIONS NOT SHOWN SHALL FOLLOW THE TYPICAL SECTIONS AND PROFILES.
 5. PROPOSED ISLANDS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 606301.
 6. ALL SIDEWALK RAMPS MUST BE ADA COMPLIANT (STANDARDS 424001, 424006, 424011, OR 424021).



FILE NAME
50101-1PP-02.dgn
Default

USER NAME: Mibeening
DESIGNED - CEC
DRAWN - CEC
PLOT SCALE: 40.0000' / 1" = 40'
CHECKED - DWB
PLOT DATE: 4/2/2020
DATE - 4/2/2020

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD
INTERSECTION PAVING PLAN**
SCALE: 1"=20'
SHEET 2 OF 2 SHEETS
STA. 131+50 TO STA. 137+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0339	16-00068-00-WR	COOK	301	137
CONTRACT NO. 61G20				
ILLINOIS FED. AID PROJECT				

SIGN NUMBER	MUTCD CODE	PANEL DESCRIPTION	SIGN SUPPORT	ACTION	EXISTING STATION	EXISTING OFFSET	EXISTING WIDTH (IN)	EXISTING HEIGHT (IN)	REMOVE SIGN PANEL ASSEMBLY		REMOVE SIGN PANEL	
									TYPE A (EA)	TYPE B (EA)	TYPE 1 (SF)	TYPE 2 (SF)
ILLINOIS ROUTE 62 (ALGONQUIN ROAD)												
E1-70	D3-1	SNS - LINDEN LN	POST MOUNTED (GROUND)	SIGN TO REMAIN	128+68	77' LT	18	12				
E1-71	D3-1	SNS - ALGONQUIN RD	POST MOUNTED (GROUND)	SIGN TO REMAIN	128+68	77' LT	18	12				
E1-72	R1-1	STOP SIGN	POST MOUNTED (GROUND)	SIGN TO REMAIN	128+68	77' LT	36	36				
E1-73	R6-2R	ONE WAY	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	128+85	4' LT	24	30	1			
E1-74	R1-1	PRIVATE SIGN - STOP SIGN	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	129+13	52' RT	30	30	1			
E1-75		PRIVATE SIGN - THE SHOPPES AT PRIME VILLAGE	DUAL BRICK COLUMN MOUNTED (GROUND)	SIGN TO REMAIN	129+27	86' LT	78	144				
E1-76	R2-1	SPEED LIMIT 40	MOUNTED ON LIGHT POLE	TO BE REMOVED & REPLACED	129+40	34' RT	30	36			7.5	
E1-77	R4-7	KEEP RIGHT	POST MOUNTED (GROUND)	TO BE REMOVED	104+36	12' LT	30	36	1			
E1-78	R3-5L	LEFT TURN ONLY	POST MOUNTED (GROUND)	TO BE REMOVED	104+36	12' LT	30	36	1			
E2-1	R3-5R	RIGHT TURN ONLY	MOUNTED ON POWER POLE	SIGN TO REMAIN	129+84	68' LT	30	36				
E2-2		PRIVATE SIGN - WENDY'S	GROUND MOUNTED	SIGN TO REMAIN	131+18	75' LT	60	72				
E2-3	R1-1	STOP SIGN	POST MOUNTED (GROUND)	SIGN TO REMAIN	131+40	62' LT	36	36				
E2-4		PRIVATE SIGN - WARNING	POST MOUNTED (GROUND)	SIGN TO REMAIN	133+68	95' LT	30	24				
E2-5		PRIVATE SIGN - FRANKLY YOURS	POST MOUNTED (GROUND)	TO BE REMOVED & RELOCATED	133+82	63' LT	72	84				
E2-6	D3-1	THORNTREE DR THOREAU DR	MOUNTED ON TRAFFIC SIGNAL	TO BE REMOVED & REPLACED	133+85	52' LT	96	30				20
E2-7		1600E	MOUNTED ON TRAFFIC SIGNAL	TO BE REMOVED & REPLACED	133+85	52' LT	9	24			1.5	
E2-8	R1-1	STOP SIGN (FOLDED)	MOUNTED ON TRAFFIC SIGNAL	TO BE REMOVED & REPLACED	133+85	52' LT	36	36				9
E2-9	R1-1	STOP SIGN (FOLDED)	MOUNTED ON TRAFFIC SIGNAL	TO BE REMOVED & REPLACED	133+90	29' RT	36	36				9
E2-10	D3-1	IL RTE 62 ALGONQUIN RD	MOUNTED ON TRAFFIC SIGNAL	TO BE REMOVED & REPLACED	134+22	51' RT	78	30				16.25
E2-11		2100N	MOUNTED ON TRAFFIC SIGNAL	TO BE REMOVED & REPLACED	134+22	51' RT	9	18			1.125	
E2-12	R12-1	WEIGHT LIMIT 12 TONS	MOUNTED ON LIGHT POLE	TO BE REMOVED & REPLACED	134+29	71' RT	24	30			5	
E2-13	D3-1	IL RTE 62 ALGONQUIN RD	MOUNTED ON TRAFFIC SIGNAL	TO BE REMOVED & REPLACED	134+55	67' LT	78	30				16.25
E2-14		2100N	MOUNTED ON TRAFFIC SIGNAL	TO BE REMOVED & REPLACED	134+75	50' LT	9	18			1.125	
E2-15		PACE BUS STOP 696	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	134+84	49' LT	12	18	1			
E2-16	R1-1	STOP SIGN (FOLDED)	MOUNTED ON TRAFFIC SIGNAL	TO BE REMOVED & REPLACED	134+98	44' LT	36	36				9
E2-17	R1-1	STOP SIGN (FOLDED)	MOUNTED ON TRAFFIC SIGNAL	TO BE REMOVED & REPLACED	135+02	47' RT	36	36				9
E2-18	D3-1	THORNTREE DR THOREAU DR	MOUNTED ON TRAFFIC SIGNAL	TO BE REMOVED & REPLACED	135+12	36' RT	96	30				20
E2-19		1600E	MOUNTED ON TRAFFIC SIGNAL	TO BE REMOVED & REPLACED	135+12	36' RT	9	18			1.125	
E2-20		PACE BUS STOP 696	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	135+77	36' RT	12	18	1			
E2-21		WARNING UNAUTHORIZED VEHICLES WILL BE TOWED AT OWNERS EXPENSE	POST MOUNTED (GROUND)	SIGN TO REMAIN	136+44	54' LT	36	30				
E2-22	R2-1	SPEED LIMIT 40	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	138+80	47' LT	30	36	1			
E2-23	D3-1	SNS - ALGONQUIN RD	POST MOUNTED (GROUND)	SIGN TO REMAIN	139+50	54' LT	18	9				
E2-24	D3-1	SNS - WESTWOOD LN	POST MOUNTED (GROUND)	SIGN TO REMAIN	139+50	54' LT	18	9				
E2-25	R2-1	SPEED LIMIT 40	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	141+27	31' RT	30	36	1			
E2-26	W2-2	SIDE ROAD INTERSECTION WARNING	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	142+98	31' RT	48	48		1		
E2-27	W16-8P	RADISSON WAY	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	142+98	31' RT	9	24	1			
E2-28		PACE BUS STOP 696	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	146+73	32' RT	12	18	1			
E2-29	R1-1	STOP SIGN	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	147+64	37' RT	36	36	1			
E2-30	R1-1	STOP SIGN	POST MOUNTED (GROUND)	SIGN TO REMAIN	147+70	63' RT	36	36				
SUBTOTAL:									11	1	17	109
MEACHAM ROAD												
E3-1	R3-7R	RIGHT LANE MUST TURN RIGHT	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	209+31	39' RT	36	36	1			
E3-2	M4-5	TO	MOUNTED ON LIGHT POLE	TO BE REMOVED & REPLACED	211+07	45' RT	24	12			2	
E3-3	M1-4100	ILLINOIS 53	MOUNTED ON LIGHT POLE	TO BE REMOVED & REPLACED	211+07	45' RT	24	24			4	
E3-4	M3-2	EAST	MOUNTED ON LIGHT POLE	TO BE REMOVED & REPLACED	211+07	45' RT	24	12			2	
E3-5	M1-4100	ILLINOIS 62	MOUNTED ON LIGHT POLE	TO BE REMOVED & REPLACED	211+07	45' RT	24	24			4	
E3-6	M5-1R	RIGHT AHEAD DIRECTIONAL ARROW	MOUNTED ON LIGHT POLE	TO BE REMOVED & REPLACED	211+07	45' RT	21	15			2.1875	
E3-7	R1-1	PRIVATE SIGN - STOP SIGN	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	212+19	49' RT	30	30	1			
E3-8	R5-11	PRIVATE SIGN - AUTHORIZED VEHICLES ONLY	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	212+19	49' RT	30	24	1			
E3-9	R3-5R	RIGHT TURN ONLY	MOUNTED ON LIGHT POLE	TO BE REMOVED	213+45	43' RT	24	30			5	
E3-10		PACE BUS STOP 696	MOUNTED ON LIGHT POLE	TO BE REMOVED & REPLACED	213+45	43' RT	12	18			1.5	
E3-11	R5-11	PRIVATE SIGN - AUTHORIZED VEHICLES ONLY	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	213+49	67' RT	30	24	1			
E3-12	R5-11	PRIVATE SIGN - AUTHORIZED VEHICLES ONLY	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	214+27	56' RT	30	24	1			
E3-13	R1-1	PRIVATE SIGN - STOP SIGN	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	214+58	53' RT	30	30	1			
E3-14	R3-2	PRIVATE SIGN - NO LEFT TURN	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	214+58	53' RT	24	24	1			
E3-15		DO NOT BLOCK DRIVE	MOUNTED ON LIGHT POLE	TO BE REMOVED & REPLACED	214+64	41' RT	24	30			5	
E3-16		PRIVATE SIGN - COOK COUNTY HIGHWAY DEPT. D#1 2325 MEACHAM RD	DUAL POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	214+72	59' RT	36	36	1			
E3-17	D11-1	BIKE ROUTE	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	214+84	41' RT	24	18	1			
E3-17A	D11-1	BIKE ROUTE	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	214+84	41' RT	24	18	1			
E3-18	M5-1L	LEFT AHEAD DIRECTIONAL ARROW	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	214+84	41' RT	21	15	1			
E3-18B	M6-3	DIRECTIONAL ARROW AUXILIARY	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	214+84	41' RT	21	15	1			
E3-19	R3-5R	RIGHT TURN ONLY	MOUNTED ON LIGHT POLE	TO BE REMOVED	220+06	67' LT	24	30			5	
E3-20	R3-4100a	RIGHT TURN LANE	MOUNTED ON LIGHT POLE	TO BE REMOVED	222+28	50' LT	24	24			4	
SUBTOTAL:									12	0	35	0
THORNTREE LANE												
E4-1	R7-3	NO PARKING HOURS SIGN	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	502+04	16' LT	12	18	1			
E4-2	R7-201aP	TOW-AWAY ZONE	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	502+04	16' LT	12	6	1			
E4-3		WARNING UNAUTHORIZED VEHICLES WILL BE TOWED AT OWNERS EXPENSE	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	502+67	24' LT	36	30	1			
E4-4	R7-3	NO PARKING HOURS SIGN	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	503+58	17' LT	12	18	1			
E4-5	R7-201aP	TOW-AWAY ZONE	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	503+58	17' LT	12	6	1			
SUBTOTAL:									5	0	0	0
TOTAL:									44	1	209	204

FILE NAME
50101-PMK-00.dgn

USER NAME= Mibeening

DESIGNED - CEC

REVISED -

DRAWN - CEC

REVISED -

PLOT SCALE: 1/8" = 1'-0"

CHECKED - DWB

REVISED -

PLOT DATE: 4/2/2020

DATE 4/2/2020

REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD
EXISTING SIGN SCHEDULES**

SHEET 2 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0339	16-00068-00-WR	COOK	301	139
CONTRACT NO. 61G20				
ILLINOIS		FED. AID PROJECT		

SIGN NUMBER	MUTCD CODE	PANEL DESCRIPTION	SIGN SUPPORT	ACTION	PROPOSED STATION	PROPOSED OFFSET	PROPOSED WIDTH (IN)	PROPOSED HEIGHT (IN)	SIGN PANEL		TELESCOPING STEEL SIGN SUPPORT
									TYPE 1 (SQ FT)	TYPE 2 (SQ FT)	
ALGONQUIN ROAD											
P1-1	R3-8 (AR)	LANE-USE (DUAL RIGHT)	POST MOUNTED (GROUND)	NEW SIGN	117+19	66' RT	30	30	6.25		15.5
P1-2	R3-5R	RIGHT TURN (ARROW) ONLY (2 LANES)	POST MOUNTED (GROUND)	NEW SIGN	121+82	66' RT	30	36	6.25		16
P1-3	R10-5	LEFT ON GREEN ARROW ONLY	MOUNTED ON TRAFFIC SIGNAL	NEW SIGN	121+82	66' RT	30	36	7.50		0
E1-6	D3-1	MEACHAM RD	MOUNTED ON LIGHT POLE	REPLACED SIGN	116+10	62' RT	66	18	8.25		
E1-7		SCHAUMBURG CONVENTION CENTER	MOUNTED ON LIGHT POLE	REPLACED SIGN	116+10	62' RT	30	36	7.50		
E1-8	D11-1	BIKE ROUTE	MOUNTED ON LIGHT POLE	REPLACED SIGN	118+22	66' RT	24	18	3.00		
E1-9		BICYCLE FRIENDLY COMMUNITY	MOUNTED ON LIGHT POLE	REPLACED SIGN	118+22	66' RT	24	18	3.00		
E1-10	D11-1	BIKE ROUTE	MOUNTED ON LIGHT POLE	REPLACED SIGN	118+22	66' RT	24	18	3.00		
E1-11		BICYCLE FRIENDLY COMMUNITY	MOUNTED ON LIGHT POLE	REPLACED SIGN	118+22	66' RT	24	18	3.00		
E1-12	M3-4	WEST	MOUNTED ON LIGHT POLE	REPLACED SIGN	119+34	64' LT	24	12	2.00		
E1-13	M1-100	ILLINOIS 62	MOUNTED ON LIGHT POLE	REPLACED SIGN	119+34	64' LT	36	36	9.00		
E1-14	R2-1	SPEED LIMIT 40	POST MOUNTED (GROUND)	REPLACED SIGN	119+90	64' LT	30	36	7.50		16
E1-16		VILLAGE OF SCHAUMBURG ADOPT A HIGHWAY	MOUNTED ON LIGHT POLE	REPLACED SIGN	121+58	69' LT	36	36	9.00		
E1-18	R10-5	LEFT ON GREEN ARROW ONLY	MOUNTED ON TRAFFIC SIGNAL	REPLACED SIGN	122+15	92' LT	30	36	7.50		
E1-19	D3-1	MEACHAM RD	MOUNTED ON TRAFFIC SIGNAL	REPLACED SIGN	122+15	92' LT	72	18	9.00		
E1-20		1400E	MOUNTED ON TRAFFIC SIGNAL	REPLACED SIGN	122+15	92' LT	12	18	1.13		
E1-21	R10-5	LEFT ON GREEN ARROW ONLY	MOUNTED ON TRAFFIC SIGNAL	REPLACED SIGN	122+15	92' LT	30	36	7.50		
E1-22	M1-100	ILLINOIS 62	MOUNTED ON TRAFFIC SIGNAL	REPLACED SIGN	122+15	92' LT	36	36	9.00		
E1-23	M6-4	DIRECTIONAL ARROW LEFT AND RIGHT	MOUNTED ON TRAFFIC SIGNAL	REPLACED SIGN	122+15	92' LT	21	15	2.19		
E1-26	R1-1	STOP SIGN (FOLDED)	MOUNTED ON TRAFFIC SIGNAL	REPLACED SIGN	122+60	70' RT	36	36	9.00		
E1-27	D11-1	BIKE ROUTE	POST MOUNTED (GROUND)	REPLACED SIGN	122+85	81' RT	24	18	3.00		14.5
E1-28	M6-3	DIRECTIONAL ARROW UP	POST MOUNTED (GROUND)	REPLACED SIGN	122+85	81' RT	21	15	2.19		15.75
E1-30	D3-1	IL RTE 62 ALGONQUIN RD	MOUNTED ON TRAFFIC SIGNAL	REPLACED SIGN	122+93	93' RT	78	30		16.25	
E1-31		2200N	MOUNTED ON TRAFFIC SIGNAL	REPLACED SIGN	122+93	93' RT	9	18	1.13		
E1-32	R10-5	LEFT ON GREEN ARROW ONLY	MOUNTED ON TRAFFIC SIGNAL	REPLACED SIGN	122+93	93' RT	30	36	7.50		
E1-33	R10-5	LEFT ON GREEN ARROW ONLY	MOUNTED ON TRAFFIC SIGNAL	REPLACED SIGN	123+32	99' LT	30	36	7.50		
E1-34	D3-1	IL RTE 62 ALGONQUIN RD	MOUNTED ON TRAFFIC SIGNAL	REPLACED SIGN	123+32	99' LT	78	30		16.25	
E1-35		2200N	MOUNTED ON TRAFFIC SIGNAL	REPLACED SIGN	123+32	99' LT	9	18	1.13		
E1-36	I14107a	LOVE THE LAND OF LINCOLN	MOUNTED ON TRAFFIC SIGNAL	REPLACED SIGN	123+32	99' LT	30	36	7.50		
E1-37	I14107b	ADOPT-A-HIGHWAY IDOT	MOUNTED ON TRAFFIC SIGNAL	REPLACED SIGN	123+32	99' LT	30	18	3.75		
E1-38	I1107c	KEEP ILLINOIS CLEAN	MOUNTED ON TRAFFIC SIGNAL	REPLACED SIGN	123+32	99' LT	36	36	9.00		
E1-39	R10-5	LEFT ON GREEN ARROW ONLY	MOUNTED ON TRAFFIC SIGNAL	REPLACED SIGN	123+82	71' LT	30	36	7.50		
E1-40	R3-5R	RIGHT TURN ONLY	MOUNTED ON TRAFFIC SIGNAL	REPLACED SIGN	123+82	71' LT	30	36	7.50		
E1-41	R10-5	LEFT ON GREEN ARROW ONLY	MOUNTED ON TRAFFIC SIGNAL	REPLACED SIGN	124+00	43' RT	30	36	7.50		
E1-42	D3-1	MEACHAM RD	MOUNTED ON TRAFFIC SIGNAL	REPLACED SIGN	124+00	43' RT	72	18	9.00		
E1-43		1400E	MOUNTED ON TRAFFIC SIGNAL	REPLACED SIGN	124+00	43' RT	9	18	1.13		
E1-44	R10-5	LEFT ON GREEN ARROW ONLY	MOUNTED ON TRAFFIC SIGNAL	REPLACED SIGN	124+00	43' RT	30	36	7.50		
E1-45	R1-1	STOP SIGN (FOLDED)	MOUNTED ON TRAFFIC SIGNAL	REPLACED SIGN	124+00	43' RT	36	36	9.00		
E1-46	M3-2	EAST	POST MOUNTED (GROUND)	REPLACED SIGN	124+41	109' RT	24	12	2.00		14
E1-47	M1-100	ILLINOIS 62	POST MOUNTED (GROUND)	REPLACED SIGN	124+41	109' RT	36	36	9.00		16
E1-48	M6-1R	RIGHT DIRECTIONAL ARROW	POST MOUNTED (GROUND)	REPLACED SIGN	124+41	109' RT	21	15	2.19		14.25
E1-49	M4-5	TO	POST MOUNTED (GROUND)	REPLACED SIGN	124+44	108' RT	24	12	2.00		14
E1-50	M1-100	ILLINOIS 53	POST MOUNTED (GROUND)	REPLACED SIGN	124+44	108' RT	36	36	9.00		16
E1-52	R1-1	PRIVATE SIGN - STOP SIGN	POST MOUNTED (GROUND)	REPLACED SIGN	124+70	142' RT	30	30	6.25		15.5
E1-53	R3-2	PRIVATE SIGN - NO LEFT TURN	POST MOUNTED (GROUND)	REPLACED SIGN	124+70	142' RT	24	24	4.00		15
E1-54		PRIVATE SIGN - PRIVATE DRIVE NO THRU TRAFFIC	POST MOUNTED (GROUND)	REPLACED SIGN	124+84	170' RT	24	12	2.00		14
E1-55	M3-2	EAST	MOUNTED ON LIGHT POLE	REPLACED SIGN	124+75	44' RT	24	12	2.00		
E1-56	M1-100	ILLINOIS 62	MOUNTED ON LIGHT POLE	REPLACED SIGN	124+75	44' RT	36	36	9.00		
E1-57	R34100a	RIGHT TURN LANE	MOUNTED ON LIGHT POLE	REPLACED SIGN	125+67	67' LT	24	24	4.00		
E1-58		PRIVATE SIGN - COOK COUNTY HIGHWAY DEPT. D#1 2325 MEACHAM RD	DUAL POST MOUNTED (GROUND)	REPLACED SIGN	125+77	45' RT	36	36	9.00		
E1-59		PRIVATE SIGN - PRIVATE DRIVE NO THRU TRAFFIC	POST MOUNTED (GROUND)	REPLACED SIGN	125+81	62' RT	30	36	7.50		16
E1-61	R1-1	PRIVATE SIGN - STOP SIGN	POST MOUNTED (GROUND)	REPLACED SIGN	126+37	48' RT	30	30	6.25		20
E1-63		VILLAGE OF SCHAUMBURG ADOPT A HIGHWAY	MOUNTED ON LIGHT POLE	REPLACED SIGN	126+67	49' RT	36	36	9.00		
E1-65	D3-1	MEACHAM RD	MOUNTED ON LIGHT POLE	REPLACED SIGN	127+30	61' LT	66	18	8.25		
E1-68	R3-5R	RIGHT TURN ONLY	POST MOUNTED (GROUND)	REPLACED SIGN	128+03	51' RT	30	36	7.50		
E1-73	R6-2R	ONE WAY	POST MOUNTED (GROUND)	REPLACED SIGN	128+95	4' LT	24	30	5.00		
E1-74	R1-1	PRIVATE SIGN - STOP SIGN	POST MOUNTED (GROUND)	REPLACED SIGN	129+12	76' RT	30	30	6.25		
E1-76	R2-1	SPEED LIMIT 40	MOUNTED ON LIGHT POLE	REPLACED SIGN	129+45	40' RT	30	36	7.50		
SUBTOTAL:									331	33	233

FILE NAME 50101-PMK-00.dgn	USER NAME: Mibeening	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD PROPOSED SIGN SCHEDULES	F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 140
Default	PLOT SCALE: 1/8" = 1'-0"	CHECKED - DWB	REVISED -			CONTRACT NO. 61G20				
	PLOT DATE: 4/2/2020	DATE - 4/2/2020	REVISED -			ILLINOIS FED. AID PROJECT				
						SHEET 3 OF 10 SHEETS STA. TO STA.				

SIGN NUMBER	MUTCD CODE	PANEL DESCRIPTION	SIGN SUPPORT	ACTION	PROPOSED STATION	PROPOSED OFFSET	PROPOSED WIDTH (IN)	PROPOSED HEIGHT (IN)	SIGN PANEL		TELESCOPING STEEL SIGN SUPPORT		
									TYPE 1 (SQ FT)	TYPE 2 (SQ FT)			
ALGONQUIN ROAD													
P2-1	R3-5R	RIGHT TURN (ARROW) ONLY	POST MOUNTED (GROUND)	NEW SIGN	282+20	43' LT	30	36	7.50		16		
E2-6	D3-1	THORNTREE DR THOREAU DR	MOUNTED ON TRAFFIC SIGNAL	REPLACED SIGN	133+67	67' LT	96	30		20.00			
E2-7		1600E	MOUNTED ON TRAFFIC SIGNAL	REPLACED SIGN	133+67	67' LT	9	24	1.50				
E2-8	R1-1	STOP SIGN (FOLDED)	MOUNTED ON TRAFFIC SIGNAL	REPLACED SIGN	133+67	67' LT	36	36	9.00				
E2-9	R1-1	STOP SIGN (FOLDED)	MOUNTED ON TRAFFIC SIGNAL	REPLACED SIGN	133+95	50' RT	36	36	9.00				
E2-10	D3-1	IL RTE 62 ALGONQUIN RD	MOUNTED ON TRAFFIC SIGNAL	REPLACED SIGN	134+13	61' RT	78	30		16.25			
E2-11		2100N	MOUNTED ON TRAFFIC SIGNAL	REPLACED SIGN	134+13	61' RT	9	18	1.13				
E2-12	R12-1	WEIGHT LIMIT 12 TONS	MOUNTED ON LIGHT POLE	REPLACED SIGN	134+13	61' RT	24	30	5.00				
E2-13	D3-1	IL RTE 62 ALGONQUIN RD	MOUNTED ON TRAFFIC SIGNAL	REPLACED SIGN	134+55	67' LT	78	30		16.25			
E2-14		2100N	MOUNTED ON TRAFFIC SIGNAL	REPLACED SIGN	134+75	50' LT	9	18	1.13				
E2-15		PACE BUS STOP 696	POST MOUNTED (GROUND)	REPLACED SIGN	134+84	51' LT	12	18	1.50		20.5		
E2-16	R1-1	STOP SIGN (FOLDED)	MOUNTED ON TRAFFIC SIGNAL	REPLACED SIGN	134+98	44' LT	36	36	9.00				
E2-17	R1-1	STOP SIGN (FOLDED)	MOUNTED ON TRAFFIC SIGNAL	REPLACED SIGN	135+09	64' RT	36	36	9.00				
E2-18	D3-1	THORNTREE DR THOREAU DR	MOUNTED ON TRAFFIC SIGNAL	REPLACED SIGN	134+15	51' RT	96	30		20.00			
E2-19		1600E	MOUNTED ON TRAFFIC SIGNAL	REPLACED SIGN	134+15	51' RT	9	18	1.13				
E2-20		PACE BUS STOP 696	POST MOUNTED (GROUND)	REPLACED SIGN	135+67	41' RT	12	18	1.50		14.5		
E2-22	R2-1	SPEED LIMIT 40	POST MOUNTED (GROUND)	REPLACED SIGN	138+80	55' LT	30	36	7.50		19		
E2-25	R2-1	SPEED LIMIT 40	POST MOUNTED (GROUND)	REPLACED SIGN	141+28	40' RT	30	36	7.50				
E2-26	W2-2	SIDE ROAD INTERSECTION WARNING	POST MOUNTED (GROUND)	REPLACED SIGN	142+98	41' RT	48	48		16.00	17		
E2-27	W16-8P	RADISSON WAY	POST MOUNTED (GROUND)	REPLACED SIGN	142+98	41' RT	9	24	1.50		15		
E2-28		PACE BUS STOP 696	POST MOUNTED (GROUND)	REPLACED SIGN	146+73	40' RT	12	18	1.50		14.5		
E2-29	R1-1	STOP SIGN	POST MOUNTED (GROUND)	REPLACED SIGN	147+69	39' RT	36	36	9.00		16		
									SUBTOTAL:		84	89	133
SIGN NUMBER	MUTCD CODE	PANEL DESCRIPTION	SIGN SUPPORT	ACTION	PROPOSED STATION	PROPOSED OFFSET	PROPOSED WIDTH (IN)	PROPOSED HEIGHT (IN)	SIGN PANEL		SIGN SUPPORT		
									TYPE 1 (SQ FT)	TYPE 2 (SQ FT)	TYPE A (FT)		
MEACHAM ROAD													
E3-1	R3-7R	RIGHT LANE MUST TURN RIGHT	POST MOUNTED (GROUND)	REPLACED SIGN	209+35	42' RT	36	36	9.00		20		
E3-2	M4-5	TO	MOUNTED ON LIGHT POLE	REPLACED SIGN	211+30	53' RT	24	12	2.00				
E3-3	M4-100	ILLINOIS 53	MOUNTED ON LIGHT POLE	REPLACED SIGN	211+07	53' RT	36	36	9.00				
E3-4	M3-2	EAST	MOUNTED ON LIGHT POLE	REPLACED SIGN	211+07	53' RT	24	12	2.00				
E3-5	M4-100	ILLINOIS 62	MOUNTED ON LIGHT POLE	REPLACED SIGN	211+07	53' RT	36	36	9.00				
E3-6	M5-1R	RIGHT AHEAD DIRECTIONAL ARROW	MOUNTED ON LIGHT POLE	REPLACED SIGN	211+07	53' RT	21	15	2.19				
E3-7	R1-1	PRIVATE SIGN - STOP SIGN	POST MOUNTED (GROUND)	REPLACED SIGN	212+23	66' RT	30	30	6.25		15.5		
E3-8	R5-11	PRIVATE SIGN - AUTHORIZED VEHICLES ONLY	POST MOUNTED (GROUND)	REPLACED SIGN	212+23	66' RT	36	24	6.00		15		
E3-10		PACE BUS STOP 696	MOUNTED ON LIGHT POLE	REPLACED SIGN	213+45	53' RT	12	18	1.50				
E3-11	R5-11	PRIVATE SIGN - AUTHORIZED VEHICLES ONLY	POST MOUNTED (GROUND)	REPLACED SIGN	213+60	67' RT	30	24	5.00		17		
E3-12	R5-11	PRIVATE SIGN - AUTHORIZED VEHICLES ONLY	POST MOUNTED (GROUND)	REPLACED SIGN	214+27	65' RT	30	24	5.00				
E3-13	R1-1	PRIVATE SIGN - STOP SIGN	POST MOUNTED (GROUND)	REPLACED SIGN	214+58	65' RT	30	30	6.25		15.5		
E3-14	R3-2	PRIVATE SIGN - NO LEFT TURN	POST MOUNTED (GROUND)	REPLACED SIGN	214+58	65' RT	24	24	4.00		15		
E3-15		DO NOT BLOCK DRIVE	MOUNTED ON LIGHT POLE	REPLACED SIGN	214+70	66' RT	24	30	5.00				
E3-16		PRIVATE SIGN - COOK COUNTY HIGHWAY DEPT. D#1 2325 MEACHAM RD	DUAL POST MOUNTED (GROUND)	REPLACED SIGN	214+70	66' RT	36	36	9.00				
E3-17	D11-1	BIKE ROUTE	POST MOUNTED (GROUND)	REPLACED SIGN	214+85	66' RT	24	18	3.00		14.5		
E3-17A	D11-1	BIKE ROUTE	POST MOUNTED (GROUND)	REPLACED SIGN	214+85	66' RT	24	18	3.00		14.5		
E3-18	M5-1L	LEFT AHEAD DIRECTIONAL ARROW	POST MOUNTED (GROUND)	REPLACED SIGN	214+85	66' RT	12	9	0.75		13.75		
E3-18B	M6-3	DIRECTIONAL ARROW AUXILIARY	POST MOUNTED (GROUND)	REPLACED SIGN	214+85	66' RT	21	15	2.19		14.25		
									SUBTOTAL:		91	0	155
SIGN NUMBER	MUTCD CODE	PANEL DESCRIPTION	SIGN SUPPORT	ACTION	PROPOSED STATION	PROPOSED OFFSET	PROPOSED WIDTH (IN)	PROPOSED HEIGHT (IN)	SIGN PANEL		SIGN SUPPORT		
									TYPE 1 (SQ FT)	TYPE 2 (SQ FT)	TYPE A (FT)		
THORNTREE LANE													
E4-1	R7-3	NO PARKING HOURS SIGN	POST MOUNTED (GROUND)	REPLACED SIGN	502+04	25' LT	12	18	1.50		15		
E4-2	R7-201aP	TOW-AWAY ZONE	POST MOUNTED (GROUND)	REPLACED SIGN	502+04	25' LT	12	6	0.50				
E4-3		WARNING UNAUTHORIZED VEHICLES WILL BE TOWED AT OWNERS EXPENSE	POST MOUNTED (GROUND)	REPLACED SIGN	502+70	30' LT	36	30	7.50		17.5		
E4-4	R7-3	NO PARKING HOURS SIGN	POST MOUNTED (GROUND)	REPLACED SIGN	503+65	20' LT	12	18	1.50				
E4-5	R7-201aP	TOW-AWAY ZONE	POST MOUNTED (GROUND)	REPLACED SIGN	503+65	20' LT	12	6	0.50				
									SUBTOTAL:		12	0	33



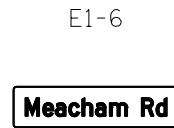
P1-1
R3-8 (DR)
30" X 30"



P1-2
R3-5R
30" X 36"



P1-3
R10-5 (MAST ARM)
30" X 36"



E1-6
D3-1
66" X 18"



E1-7
30" X 36"



E1-8
D11-1
24" X 18"



E1-9
24" X 18"



E1-10
D11-1
24" X 18"



E1-11
24" X 18"



E1-12
M3-4
24" X 12"



E1-13
M1-I100
24" X 24"



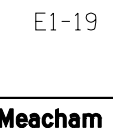
E1-14
R2-1
30" X 36"



E1-16
36" X 36"



E1-18
R10-5 (MAST ARM)
30" X 36"



E1-19
D3-1 (MAST ARM)
72" X 18"



E1-20
12" X 18"



E1-21
R10-5 (MAST ARM)
30" X 36"



E1-22
M1-I100
24" X 24"



E1-23
M6-4
21" X 15"



E1-26
R1-1 (FOLDED)
36" X 36"



E1-27
D11-1
24" X 18"



E1-28
M6-3
21" X 15"



E1-30
D3-1 (MAST ARM)
78" X 30"



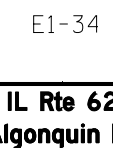
E1-31
9" X 18"



E1-32
R10-5
30" X 36"



E1-33
R10-5
30" X 36"



E1-34
D3-1 (MAST ARM)
78" X 30"



E1-35
9" X 18"



E1-36
I1-I107a
30" X 36"



E1-37
I1-I107b
30" X 18"



E1-38
I1-I107c
36" X 36"



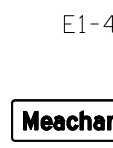
E1-39
R10-5 (MAST ARM)
30" X 36"



E1-40
R3-5R
30" X 36"



E1-41
R10-5 (MAST ARM)
30" X 36"



E1-42
D3-1 (MAST ARM)
72" X 18"



E1-43
9" X 18"



E1-44
R10-5 (MAST ARM)
30" X 36"



E1-45
R1-1 (FOLDED)
36" X 36"



E1-46
M3-2
24" X 12"



E1-47
M1-I100
24" X 24"



E1-48
M6-1R
21" X 15"



E1-49
M4-5
24" X 12"



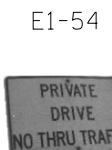
E1-50
M1-I100
24" X 24"



E1-52
R1-1
30" X 30"



E1-53
R3-2
24" X 24"



E1-54
24" X 12"



E1-55
M3-2
24" X 12"



E1-56
M1-I100
24" X 24"



E1-57
R3-I100a
24" X 24"



E1-58
36" X 36"



E1-59
30" X 36"



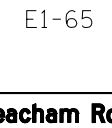
E1-60
R5-1
30" X 30"



E1-61
R1-1
30" X 30"



E1-63
36" X 36"



E1-65
D3-1
66" X 18"



E1-68
R3-5R
30" X 36"



E1-73
R6-2R
24" X 30"



E1-74
R1-1
30" X 30"



E1-76
R2-1
30" X 36"

FILE NAME
50101-PMK-00.dgn

USER NAME= Mibeening

DESIGNED - CEC
DRAWN - CEC

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD
PROPOSED SIGN LEGEND

F.A.U. SHEET TOTAL SHEETS SHEET NO.
RTE. SECTION COUNTY COOK 301 142

0339 16-00068-00-WR CONTRACT NO. 61G20































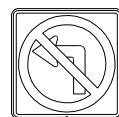











Default

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PLOT DATE= 4/2/2020

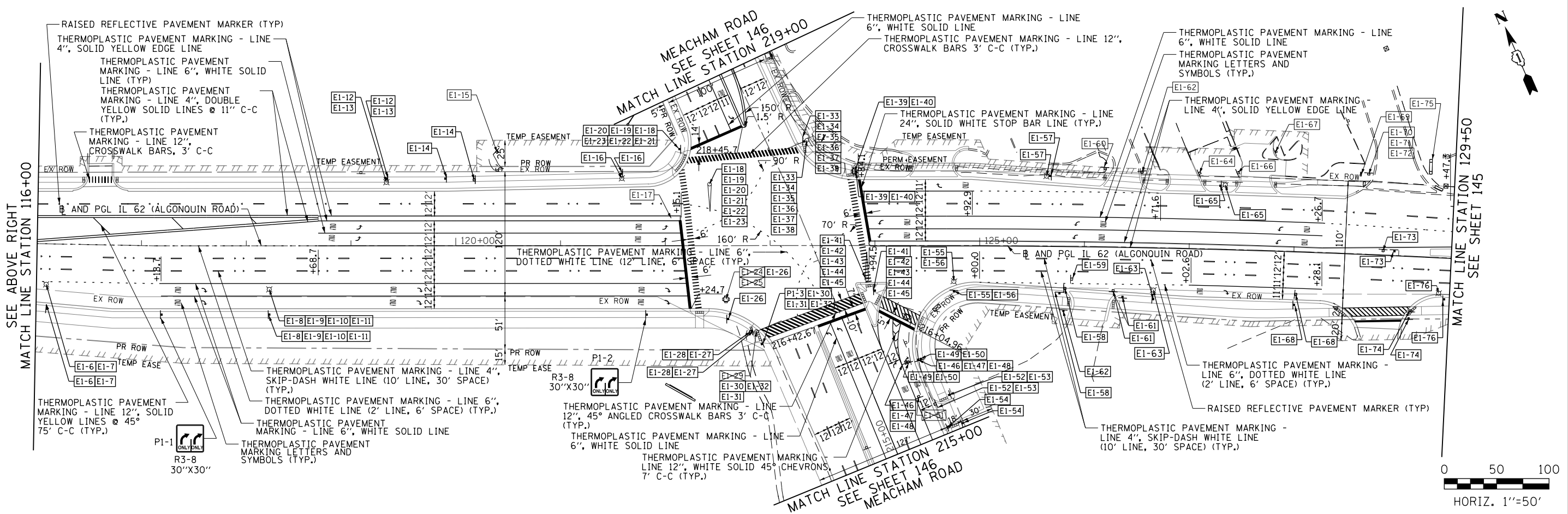
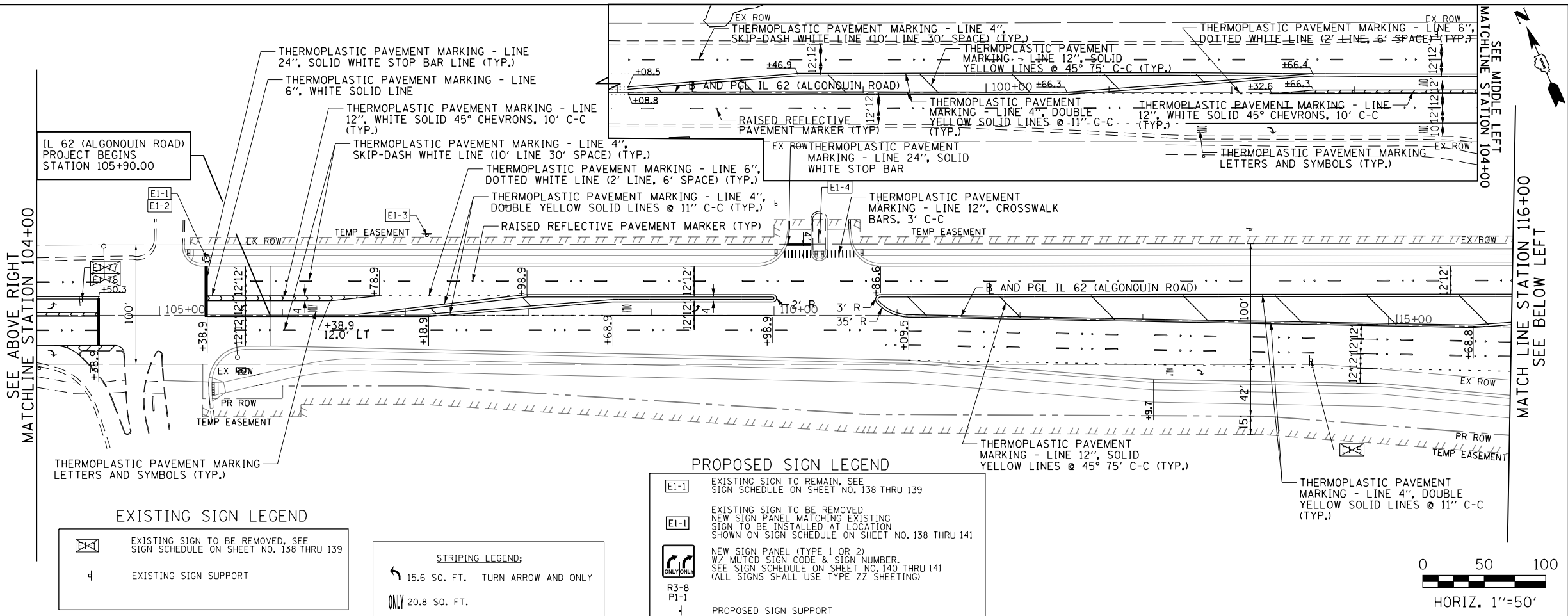
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DATE - 4/2/2020

SHEET 5 OF 10 SHEETS STA. TO STA.

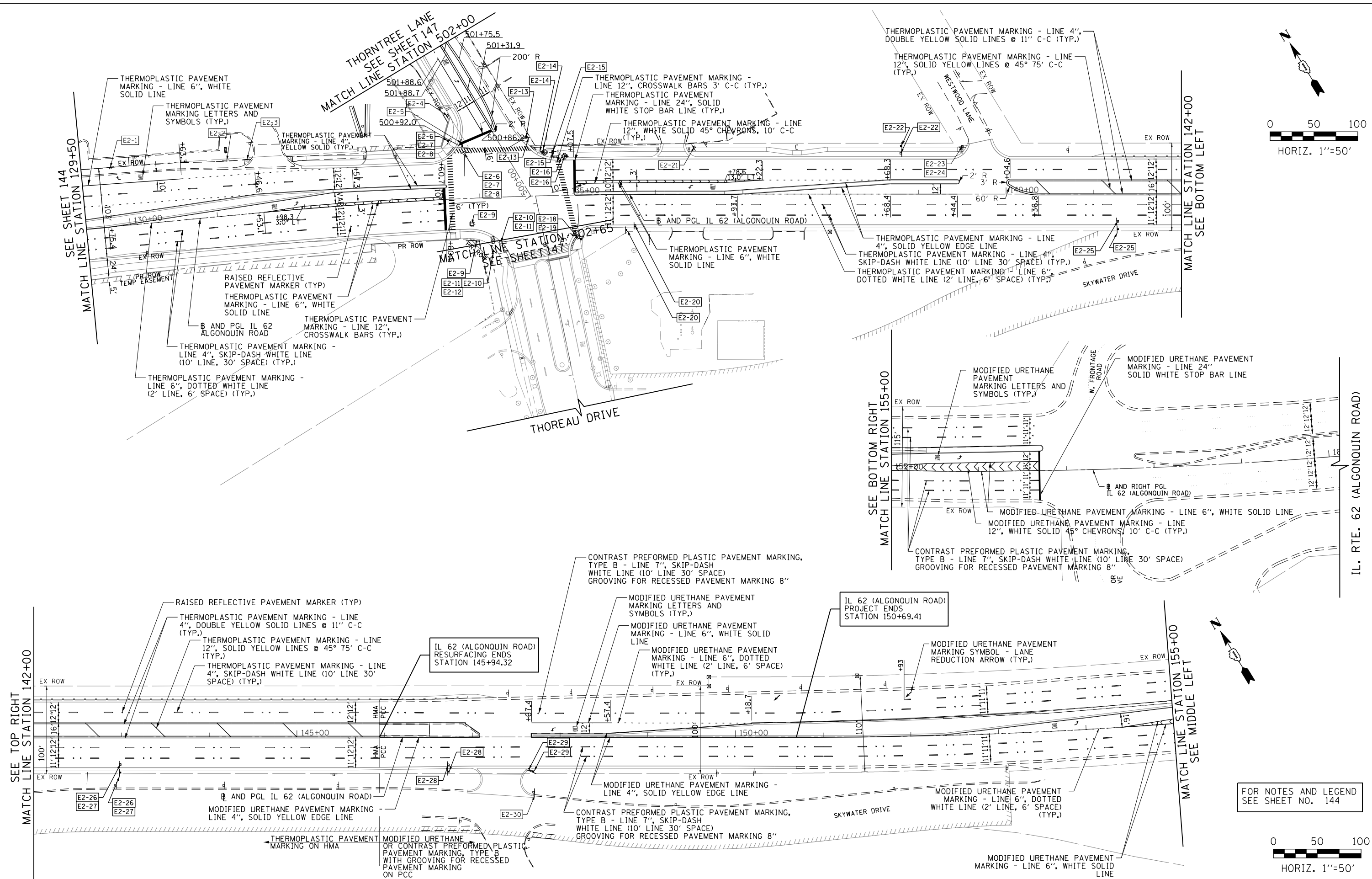
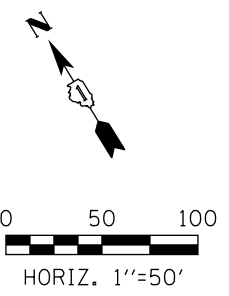
ILLINOIS FED. AID PROJECT

<p>P2-1  R3-5R 30" X 36"</p>	<p>E2-6  D3-1 (MAST ARM) 96" X 30" (EX HAS THORNTREE DR PR SHALL HAVE THORNTREE LN)</p>	<p>E2-7  S1-1 9" X 24"</p>	<p>E2-8 NOT USED</p>	<p>E2-9 NOT USED</p>	<p>E2-10  D3-1 (MAST ARM) 78" X 30"</p>	<p>E2-11  9" X 18"</p>	<p>E2-12  R12-1 24" X 30"</p>	<p>E2-13  D3-1 (MAST-ARM) 78" X 30"</p>	<p>E2-14  9" X 18"</p>	<p>E2-15  12" X 18"</p>	<p>E2-16 NOT USED</p>
<p>E2-17 NOT USED</p>	<p>E2-18  D3-1 (MAST ARM) 96" X 30" (EX HAS THORNTREE DR PR SHALL HAVE THORNTREE LN)</p>	<p>E2-19  9" X 18"</p>	<p>E2-20  12" X 18"</p>	<p>E2-22  R2-1 30" X 36"</p>	<p>E2-25  R2-1 30" X 36"</p>	<p>E2-26  W2-2 48" X 48"</p>	<p>E2-27  W16-8P 9" X 24"</p>	<p>E-28  12" X 18"</p>	<p>E2-29  R1-1 36" X 36"</p>		
<p>E3-1  R3-7R 36" X 36"</p>	<p>E3-2  M4-5 24" X 12"</p>	<p>E3-3  M1-I100 24" X 24"</p>	<p>E3-4  M3-2 24" X 12"</p>	<p>E3-5  M1-I100 24" X 24"</p>	<p>E3-6  M5-1R 21" X 15"</p>	<p>E3-7  R1-1 30" X 30"</p>	<p>E3-8  R5-11 36" X 24"</p>	<p>E3-10  12" X 18"</p>	<p>E3-11  R5-11 30" X 24"</p>	<p>E3-12  R5-11 30" X 24"</p>	<p>E3-13  R1-1 30" X 30"</p>
<p>E3-14  R3-2 24" X 24"</p>	<p>E3-15  24" X 30"</p>	<p>E3-16  36" X 36"</p>	<p>E3-17  D11-1 24" X 18"</p>	<p>E3-17A  D11-1 24" X 18"</p>	<p>E3-18  M5-1L 21" X 15"</p>	<p>E3-18B  M6-3 21" X 15"</p>					
<p>E4-1  R7-3 12" X 18"</p>	<p>E4-2  R7-201aP 12" X 6"</p>	<p>E4-3  36" X 30"</p>	<p>E4-4  R7-3 12" X 18"</p>	<p>E4-5  R7-201aP 12" X 6"</p>							

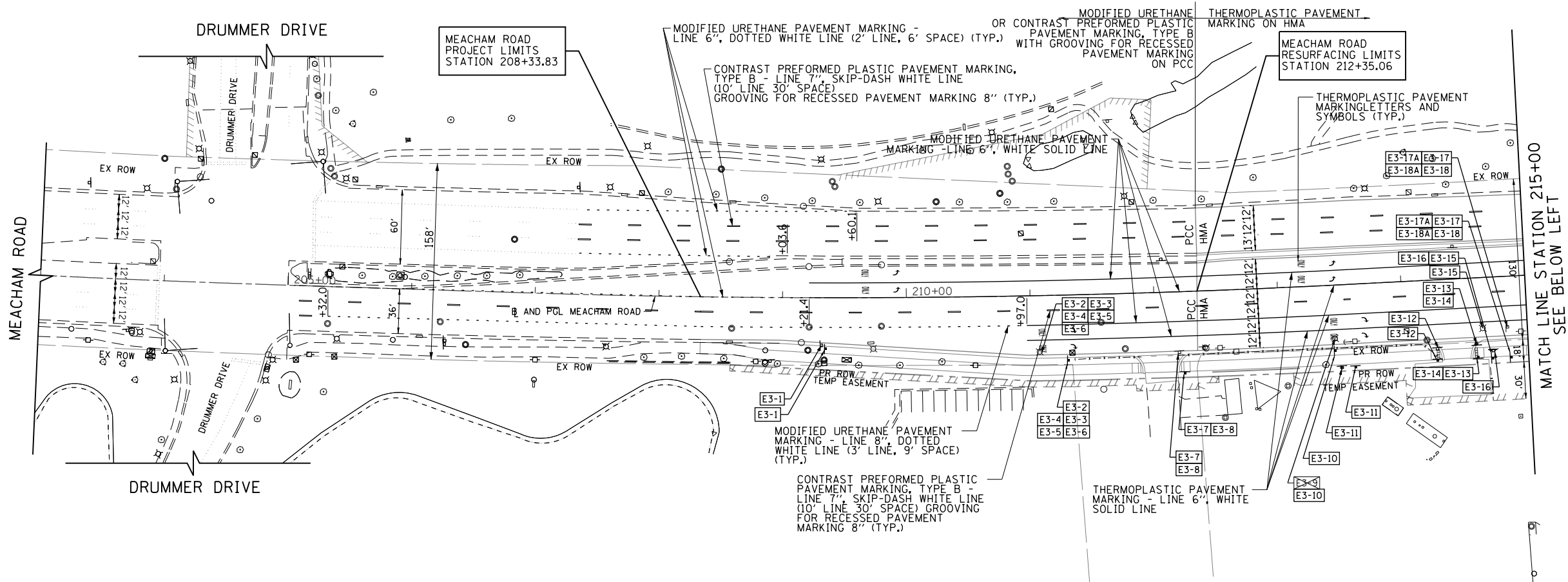
- NOTES:**
1. ALL SIDEWALKS AND CURB RAMP SHALL BE CONSTRUCTED AS SHOWN ON THE PLAN AND PROFILE SHEETS.
 2. ALL SIGNS SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
 3. DIMENSIONS TO PAVEMENT MARKINGS SHALL BE TO THE CENTER OF A SINGLE LINE OR THE CENTER OF THE GAP FOR DOUBLE LINES UNLESS OTHERWISE INDICATED.
 4. TURN LANE MARKINGS (ARROW AND "ONLY") TO BE INSTALLED AS SHOWN ON DISTRICT ONE TYPICAL PAVEMENT MARKINGS DETAILS.
 5. EXISTING SIGNS ARE TO BE REPLACED AS INDICATED ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONDITION OF THE SIGNS.
 6. MEDIAN DIAGONAL LINE PAVEMENT MARKINGS TO BE INSTALLED AS SHOWN ON DISTRICT ONE TYPICAL PAVEMENT MARKINGS DETAILS.
 7. SEE IDOT STANDARDS 720006, 720011, 720016, 728001, AND 729001 FOR SIGN INSTALLATION AND MOUNTING DETAILS.
 8. SEE TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS, DISTRICT DETAIL TC-II FOR RAISED REFLECTIVE PAVEMENT MARKERS INSTALLATION.
 9. FOR NEW SIGNS SEE SHEET 140 THRU 141



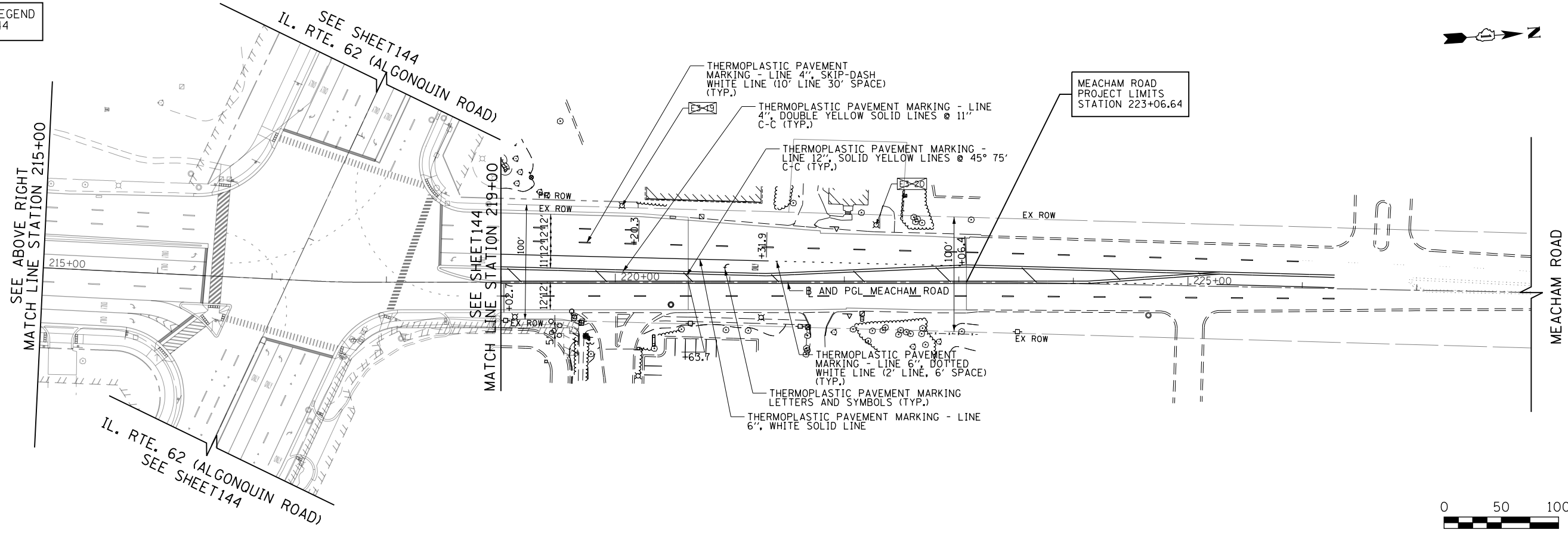
FILE NAME 50101-PMK-01.dgn*	USER NAME= Mibeering	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD PAVEMENT MARKING AND SIGNING PLAN	F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE=100.0000' / in.	CHECKED - DWB	REVISED -			0339	16-00068-00-WR	COOK	301	144	
	PLOT DATE= 4/2/2020	DATE - 4/2/2020	REVISED -			CONTRACT NO. 61G20					
						ILLINOIS FED. AID PROJECT					



FILE NAME 50101-PMK-02.dgn	USER NAME- Mibeering	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD PAVEMENT MARKING AND SIGNING PLAN	F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 145		
Default	PLOT SCALE: 1/8" = 100' / in.	CHECKED - DWB	REVISED -			SCALE: 1" = 50'	SHEET 8 OF 10 SHEETS	STA. 129+50	TO STA. 153+00	CONTRACT NO. 61G20		
	PLOT DATE: 4/24/2020	DATE 4/2/2020	REVISED -			ILLINOIS FED. AID PROJECT						



FOR NOTES AND LEGEND
SEE SHEET NO. 144



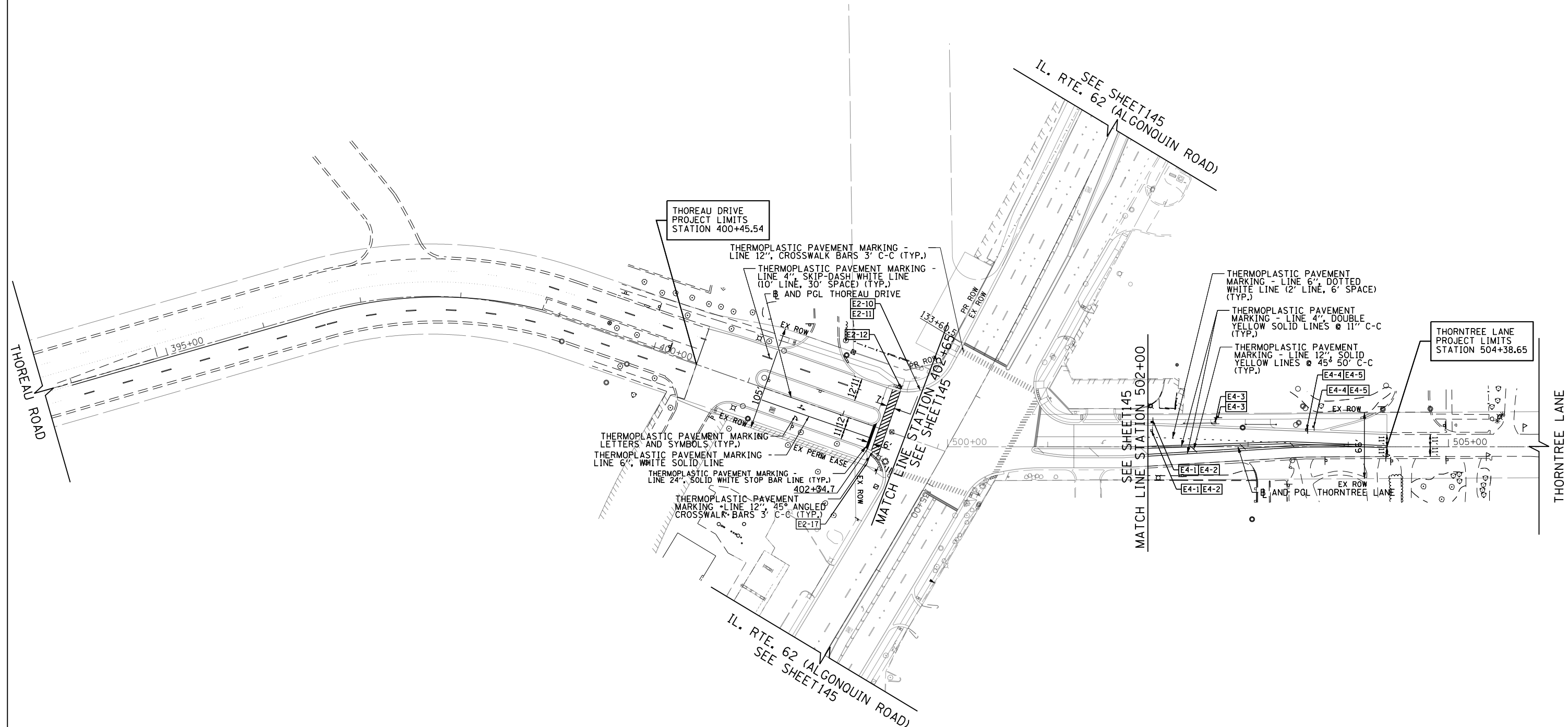
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		CHECKED - DWB	REVISED -
Default	PLOT DATE: 4/2/2020	DATE 4/2/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

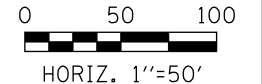
**IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD
PAVEMENT MARKING AND SIGNING PLAN**

SCALE: 1"=50' SHEET 9 OF 10 SHEETS STA.208+00 TO STA.223+48

F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 146
CONTRACT NO. 61G20				ILLINOIS FED. AID PROJECT



FOR NOTES AND LEGEND
SEE SHEET NO. 144



FILE NAME 50101-PMK-04.dgn*	USER NAME: Mibeening	DESIGNED - CEC	REVISED -
		DRAWN - CEC	REVISED -
	PLOT SCALE: 100.0000' / in.	CHECKED - DWB	REVISED -
Default	PLOT DATE: 4/2/2020	DATE - 4/2/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD
PAVEMENT MARKING PLAN AND SIGNING**

F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 147
CONTRACT NO. 61620				
ILLINOIS		FED. AID PROJECT		

SCALE: 1"=50' SHEET 10 OF 10 SHEETS STA. 394+00 TO STA. 505+00

TRAFFIC SIGNAL SUMMARY OF QUANTITIES

PAY ITEM NAME	UNIT	QTY TOTAL	ALGONQUIN & COMMUNICATIONS	ALGONQUIN & MEACHAM	ALGONQUIN & MEACHAM COMB LTG	ALGONQUIN & THOREAU/THORNTREE	ALGONQUIN & THOREAU/THORNTREE COMB LTG	ALGONQUIN & ARBOR DR	INTERCONNECT	MOT / DETOUR
SIGN PANEL - TYPE 1	SQ.FT	78.00		78.00						
SIGN PANEL - TYPE 2	SQ.FT	100.00		30.00		70.00				
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	6,369		1,413		1,088			3,868	
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	405		284		121				
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	1,626		1,010		616				
HANDHOLE	EACH	15		5		5			5	
HEAVY-DUTY HANDHOLE	EACH	7		4		2		1		
DOUBLE HANDHOLE	EACH	6		4		2				
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	2,256			1,275.00		981			
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	8			4.00		4			
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	3							3	
TRANSCIEVER - FIBER OPTIC	EACH	2							2	
GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	1	1							
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	6,977							6,977	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	3,671		2,201		1,470				
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	5,805		3,672		2,133				
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	7,338		4,930		2,408				
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	4,559		2,833		1,726				
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	11,785	309	9,263		2,213				
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	488		58		430				
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	2,618		1,396		1,222				
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	7		4		3				
STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.	EACH	2		2						
STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1				1				
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 24 FT.	EACH	1				1				
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT.	EACH	1				1				
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	2		1		1				
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 45 FT.	EACH	1		1						
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1		1						
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1				1				
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 58 FT.	EACH	1		1						
CONCRETE FOUNDATION, TYPE A	FOOT	36		20		16				
CONCRETE FOUNDATION, TYPE C	FOOT	8		4		4				
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	21		21						
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	137		44		92.5				
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	27		27						
DRILL EXISTING HANDHOLE	EACH	3							3	
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	21		12		9				
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	6		4		2				
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	8		4		4				
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	10		6		4				
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	18		10		8				
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	31		18		13				
INDUCTIVE LOOP DETECTOR	EACH	34		27		7				
DETECTOR LOOP, TYPE I	FOOT	2,306		1,930		376				
DETECTOR LOOP REPLACEMENT	FOOT	265	158					107		
LIGHT DETECTOR	EACH	6		4		2				
LIGHT DETECTOR AMPLIFIER	EACH	2		1		1				

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 62/ALGONQUIN ROAD COMMUNICATIONS DRIVE TO ARBOR DRIVE TRAFFIC SIGNALS SCHEDULE OF QUANTITIES (1 OF 2)			
SCALE: NONE	SHEET 1 OF 52 SHEETS	STA.	TO STA.

F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 148
			CONTRACT NO. 61G20	
		ILLINOIS FED. AID PROJECT		

TRAFFIC SIGNAL SUMMARY OF QUANTITIES

PAY ITEM NAME	UNIT	QTY TOTAL	ALGONQUIN & COMMUNICATIONS	ALGONQUIN & MEACHAM	ALGONQUIN & MEACHAM COMB LTG	ALGONQUIN & THOREAU/THORNTREE	ALGONQUIN & THOREAU/THORNTREE COMB LTG	ALGONQUIN & ARBOR DR	INTERCONNECT	MOT / DETOUR
PEDESTRIAN PUSH-BUTTON	EACH	17		9		8				
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	3	1	1		1				
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2		1		1				
REBUILD EXISTING HANDHOLE	EACH	1	1							
REBUILD EXISTING HANDHOLE TO HEAVY-DUTY HANDHOLE	EACH	1	1							
REMOVE EXISTING HANDHOLE	EACH	34		14		9		1	10	
REMOVE EXISTING DOUBLE HANDHOLE	EACH	3		2		1				
REMOVE EXISTING CONCRETE FOUNDATION	EACH	17		8		9				
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	1,884		1,277		607				
ROD AND CLEAN EXISTING CONDUIT	FOOT	250							250	
FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1				1				
FULL-ACTUATED CONTROLLER AND TYPE SUPER R CABINET (SPECIAL)	EACH	1		1						
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	2		1		1				
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	1				1				
VIDEO VEHICLE DETECTION SYSTEM, SINGLE APPROACH	EACH	2				2				
COMBINATION LIGHTING CONTROLLER	EACH	2			1.00		1			
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	2		1		1				
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	7,100							7,100	
CONCRETE FOUNDATION, TYPE A 10-INCH DIAMETER	FOOT	4				4				
RELOCATE EXISTING MASTER CONTROLLER	EACH	1							1	
REMOVE FIBER OPTIC CABLE FROM CONDUIT	FOOT	7,100							7,100	
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	2							2	
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	5	1	1		1				2

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 62/ALGONQUIN ROAD
COMMUNICATIONS DRIVE TO ARBOR DRIVE
TRAFFIC SIGNALS SCHEDULE OF QUANTITIES (2 OF 2)**

SCALE: NONE SHEET 2 OF 52 SHEETS STA. TO STA.

F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 149
CONTRACT NO. 61G20			ILLINOIS FED. AID PROJECT	

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
CONTROLLER CABINET			HANDHOLE -SQUARE -ROUND			SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD		
COMMUNICATION CABINET			HEAVY DUTY HANDHOLE -SQUARE -ROUND			SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE		
MASTER CONTROLLER			DOUBLE HANDHOLE			PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
MASTER MASTER CONTROLLER			JUNCTION BOX			PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER		
UNINTERRUPTABLE POWER SUPPLY			RAILROAD CANTILEVER MAST ARM			ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
SERVICE INSTALLATION -(P) POLE MOUNTED			RAILROAD FLASHING SIGNAL			NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED		
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED			RAILROAD CROSSING GATE			GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)		
TELEPHONE CONNECTION			RAILROAD CROSSBUCK			ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C		
STEEL MAST ARM ASSEMBLY AND POLE			RAILROAD CONTROLLER CABINET			COAXIAL CABLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE			UNDERGROUND CONDUIT (UC), GALVANIZED STEEL			VENDOR CABLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE			COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY			SYSTEM ITEM			FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F		
WOOD POLE			INTERSECTION ITEM			GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE		
GUY WIRE			REMOVE ITEM					
SIGNAL HEAD			RELOCATE ITEM					
SIGNAL HEAD WITH BACKPLATE			ABANDON ITEM					
SIGNAL HEAD OPTICALLY PROGRAMMED			CONTROLLER CABINET AND FOUNDATION TO BE REMOVED					
FLASHER INSTALLATION -(FS) SOLAR POWERED			MAST ARM POLE AND FOUNDATION TO BE REMOVED					
PEDESTRIAN SIGNAL HEAD			SIGNAL POST AND FOUNDATION TO BE REMOVED					
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON			DETECTOR LOOP, TYPE I					
RADAR DETECTION SENSOR			PREFORMED DETECTOR LOOP					
VIDEO DETECTION CAMERA			SAMPLING (SYSTEM) DETECTOR					
RADAR/VIDEO DETECTION ZONE			INTERSECTION AND SAMPLING (SYSTEM) DETECTOR					
PAN, TILT, ZOOM (PTZ) CAMERA			QUEUE AND SAMPLING (SYSTEM) DETECTOR					
EMERGENCY VEHICLE LIGHT DETECTOR			WIRELESS DETECTOR SENSOR					
CONFIRMATION BEACON			WIRELESS ACCESS POINT					
WIRELESS INTERCONNECT								
WIRELESS INTERCONNECT RADIO REPEATER								

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

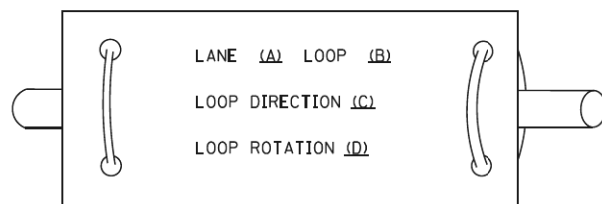
DISTRICT ONE	
STANDARD TRAFFIC SIGNAL DESIGN DETAILS	
SCALE: NONE	SHEET 3 OF 52 SHEETS
STA. _____	TO STA. _____

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0339	16-00068-00-WR	COOK	301	150
TS-05			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				

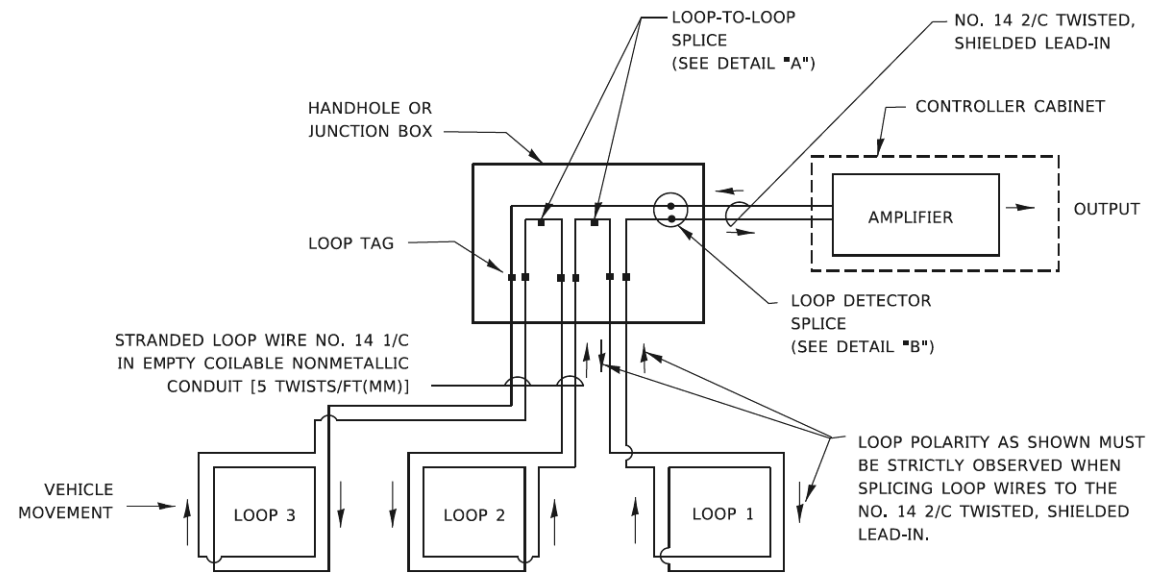
LOOP DETECTOR NOTES

- EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
- THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
- EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
- ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
- IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVESHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
- LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
- PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

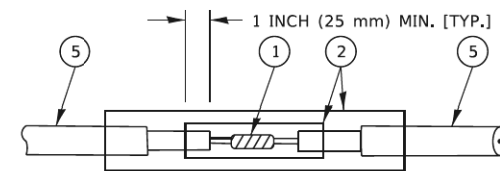


- LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

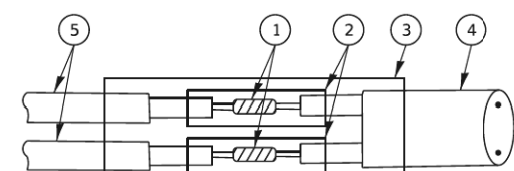


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES. SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE.
- THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

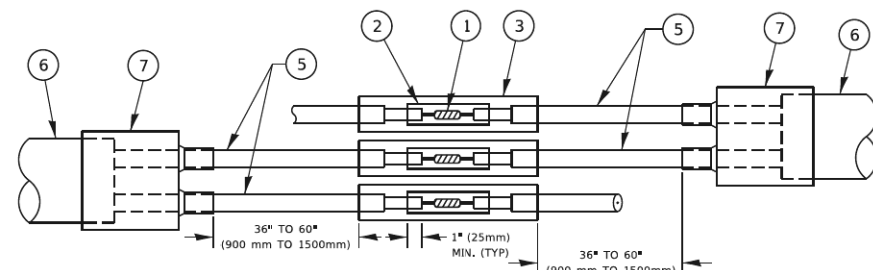


DETAIL "A"
LOOP-TO-LOOP SPLICE

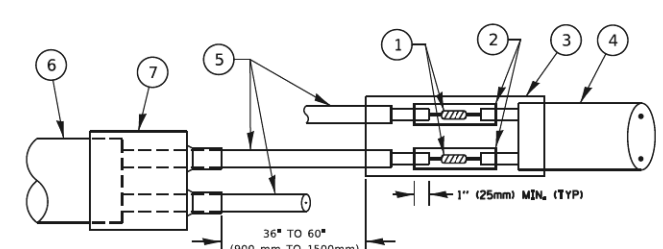


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

PREFORMED LOOP

LOOP DETECTOR SPLICE

- WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.
- WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- NO. 14 2/C TWISTED, SHIELDED CABLE.
- LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE. PRE-FORMED LOOP
- XL POLYOLEFIN 2 CONDUCTOR
- BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

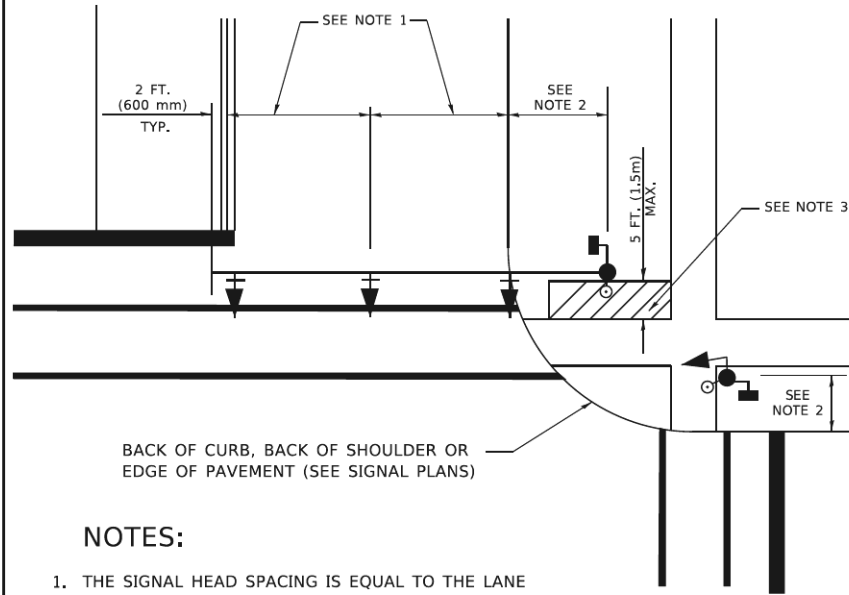
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 4 OF 52 SHEETS STA. TO STA.

F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 151
TS-05			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

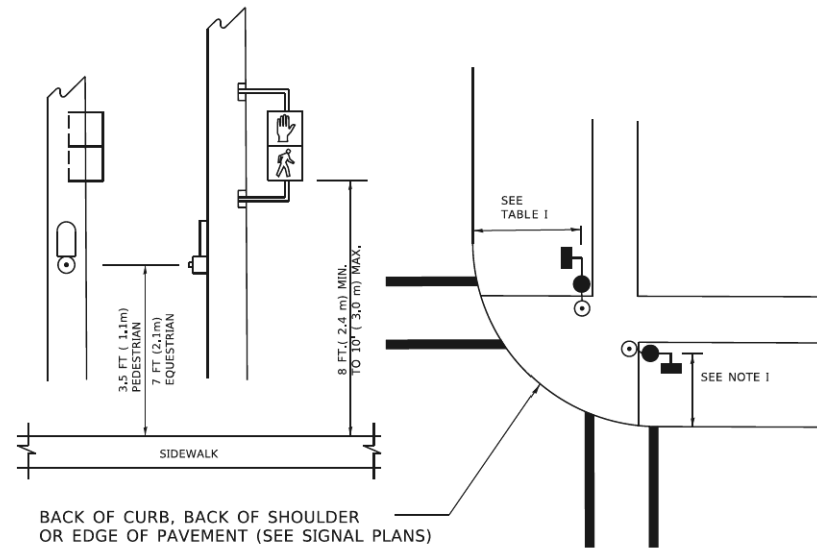
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



NOTES:

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

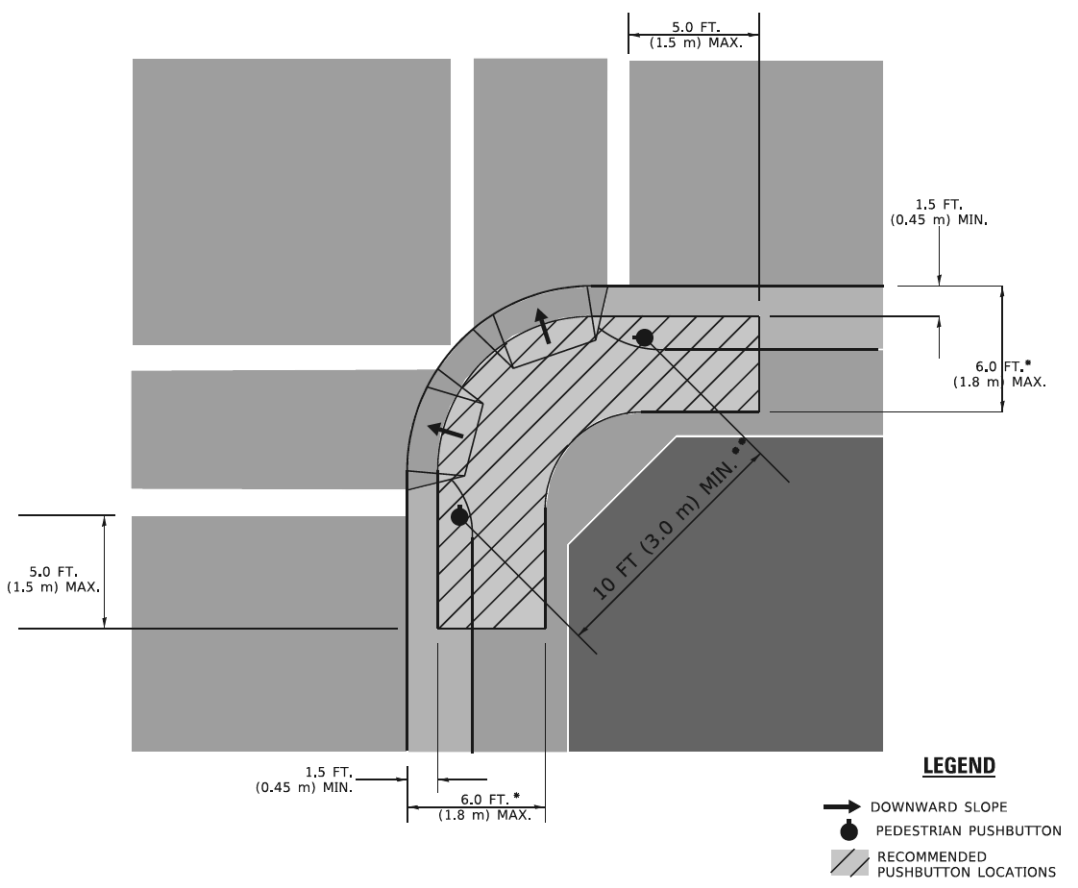
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



NOTES:

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

RECOMMENDED PUSHBUTTON LOCATIONS



- * WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- ** WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

TRAFFIC SIGNAL EQUIPMENT OFFSET

TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

NOTES:

1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

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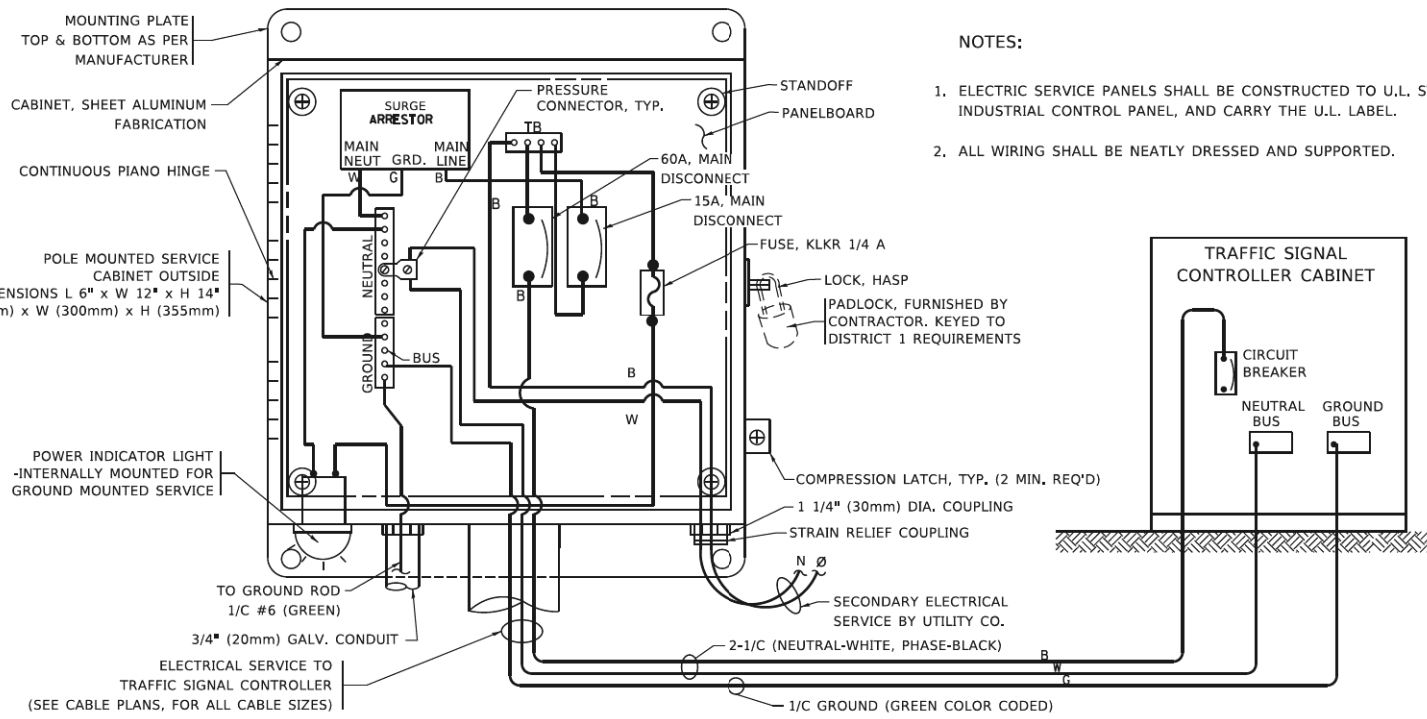
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

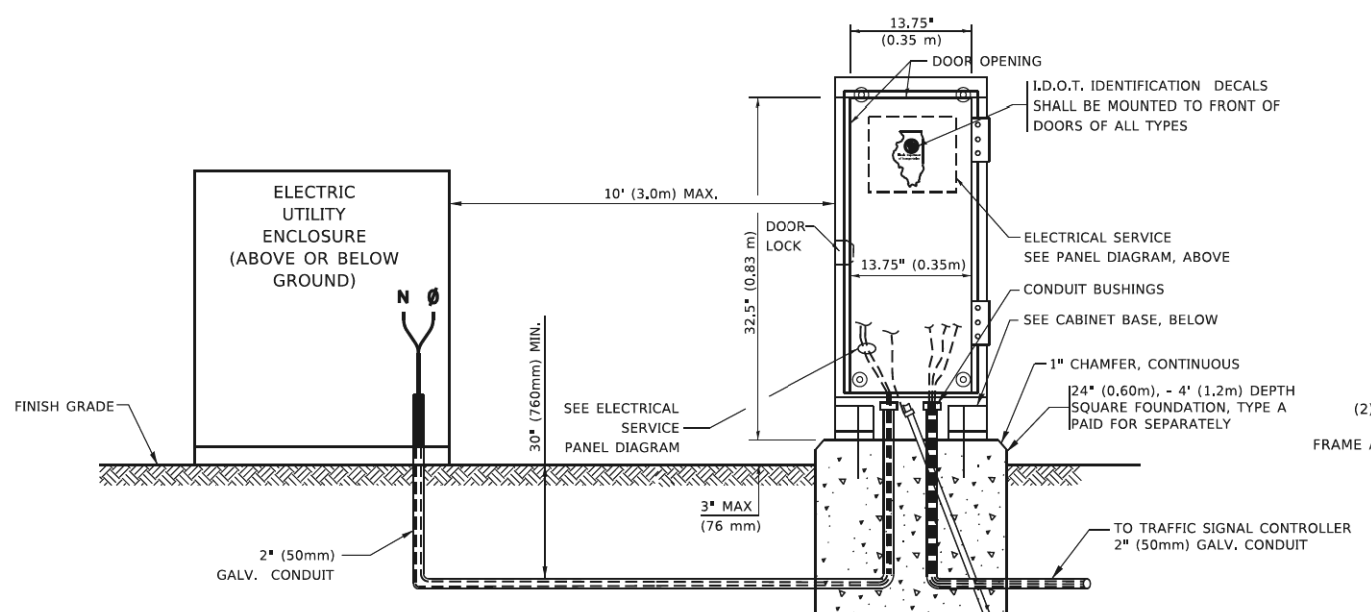
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 5 OF 52 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0339	16-00068-00-WR	COOK	301	152
TS-05		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				

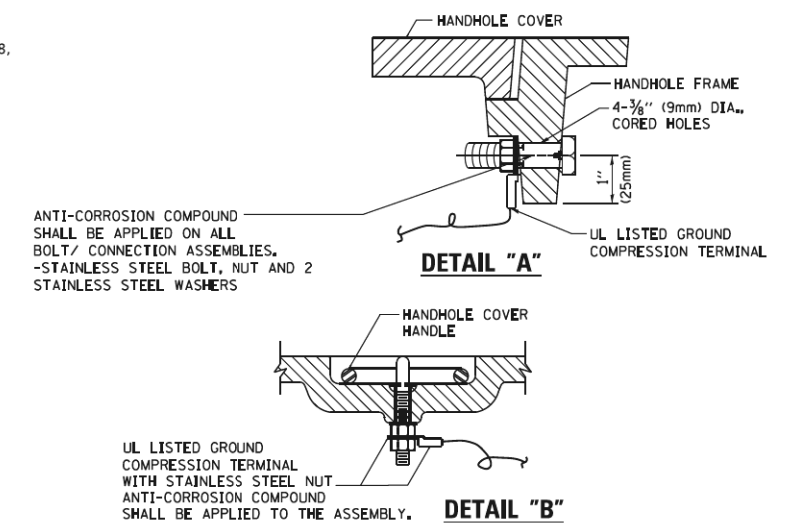
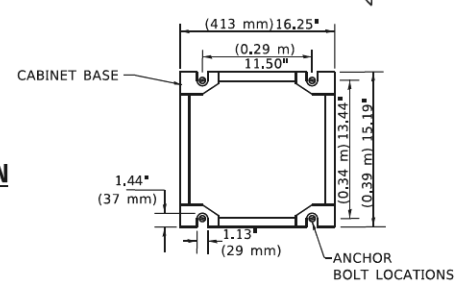


ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
 (NOT TO SCALE)



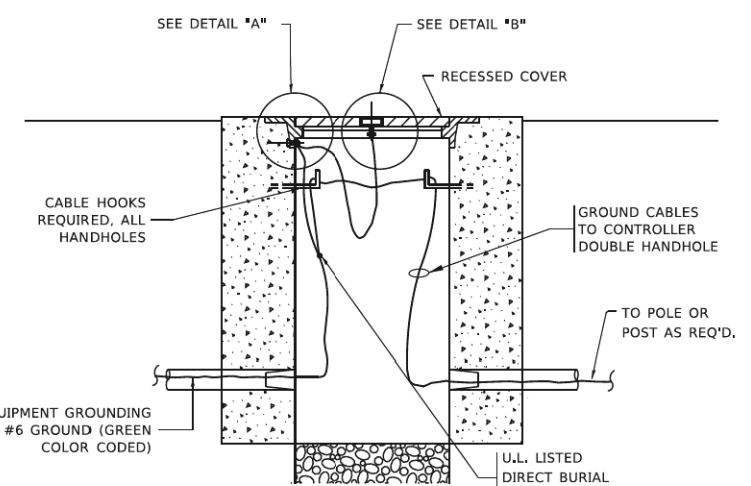
SERVICE INSTALLATION GROUND MOUNT
 (NOT TO SCALE)

CABINET – BASE BOLT PATTERN
 (NOT TO SCALE)

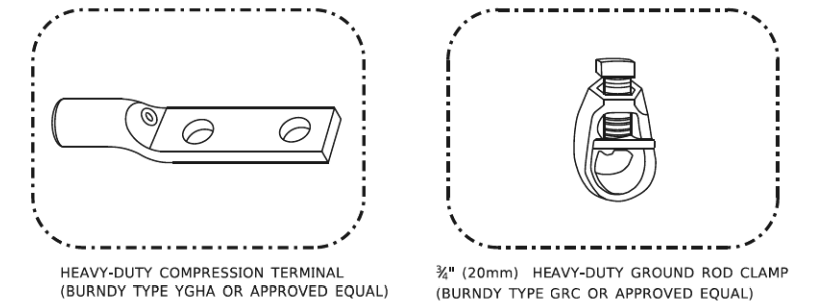


NOTES:
GROUNDING SYSTEM

- THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
- THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
- ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
- THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.

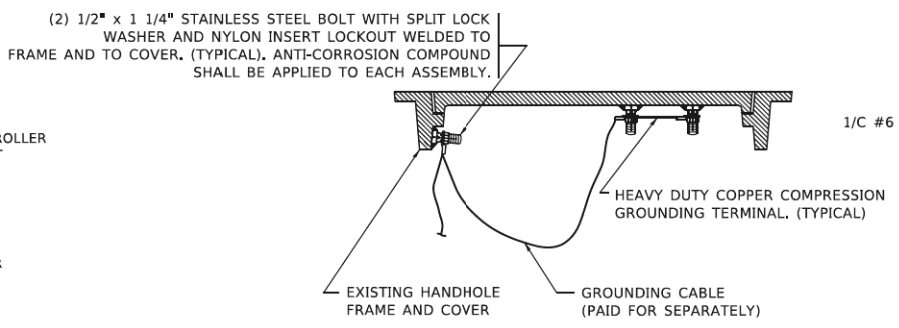


HANDHOLE COVER & FRAME – GROUNDING DETAIL
 (NOT TO SCALE)

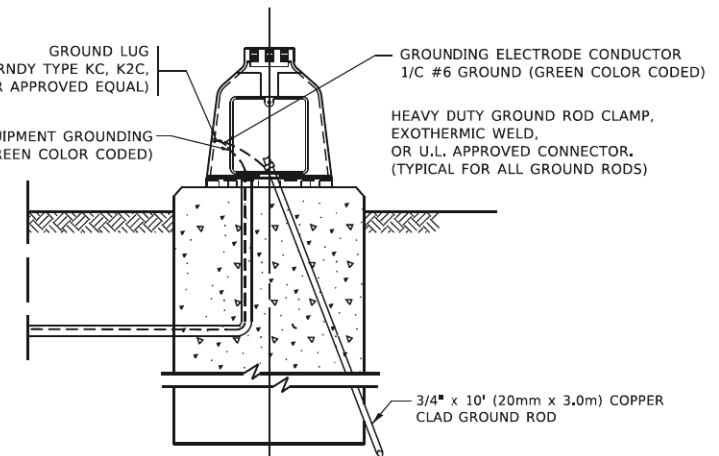


NOTES:

- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



EXISTING HANDHOLE COVER & FRAME – GROUNDING DETAIL
 (NOT TO SCALE)



MAST ARM POLE /POST-GROUNDING DETAIL
 (NOT TO SCALE)

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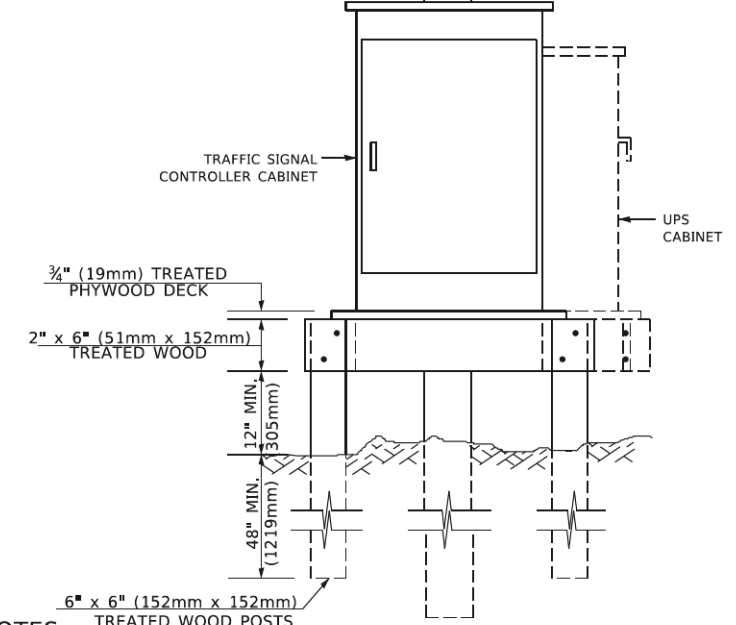
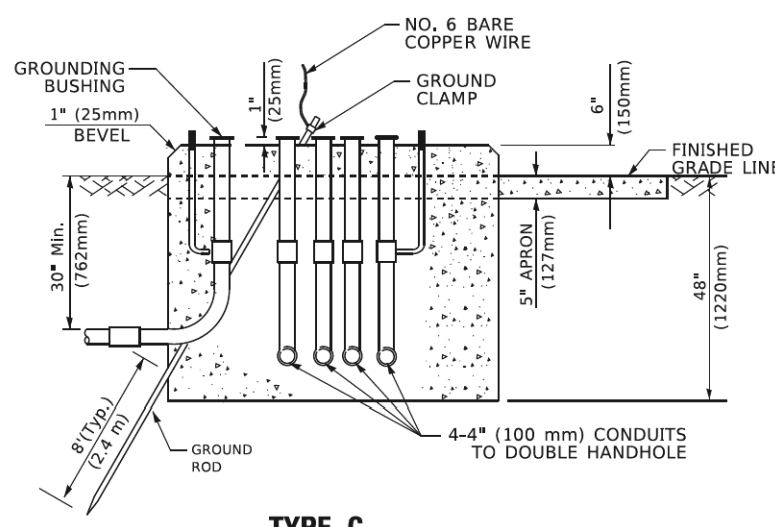
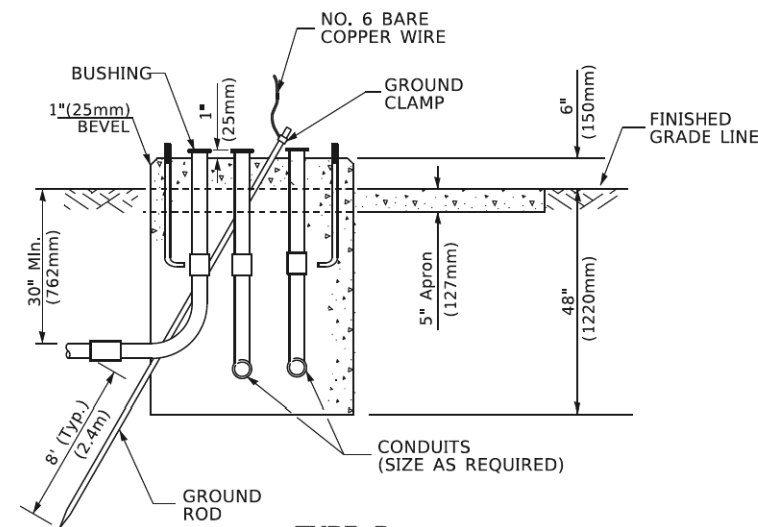
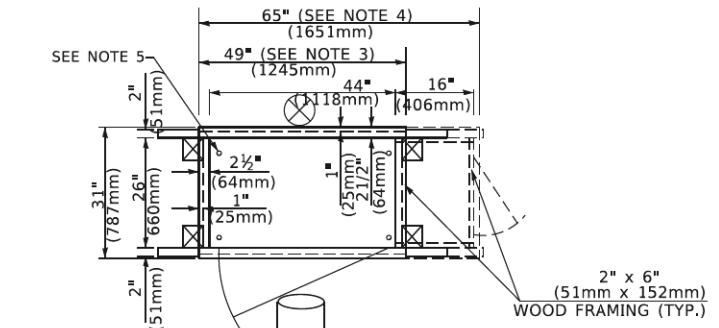
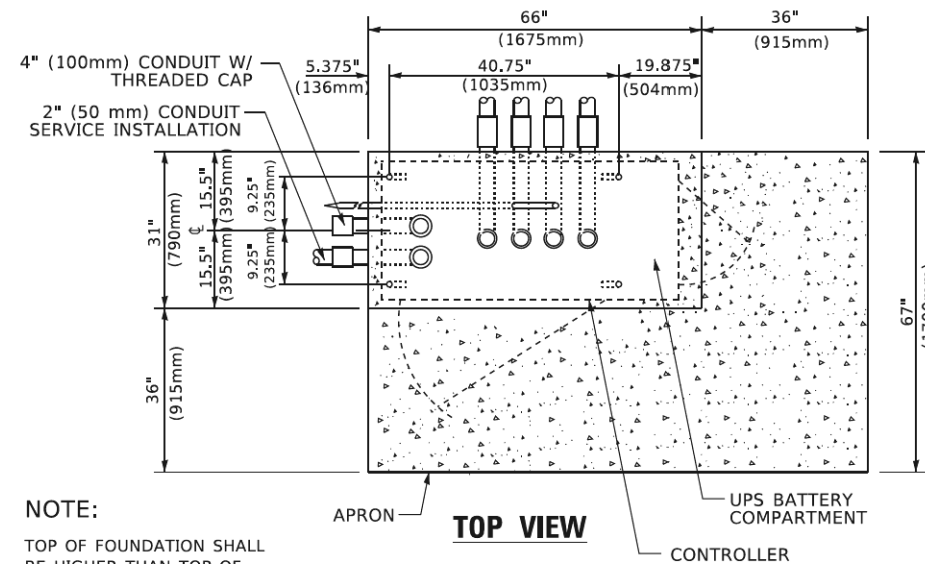
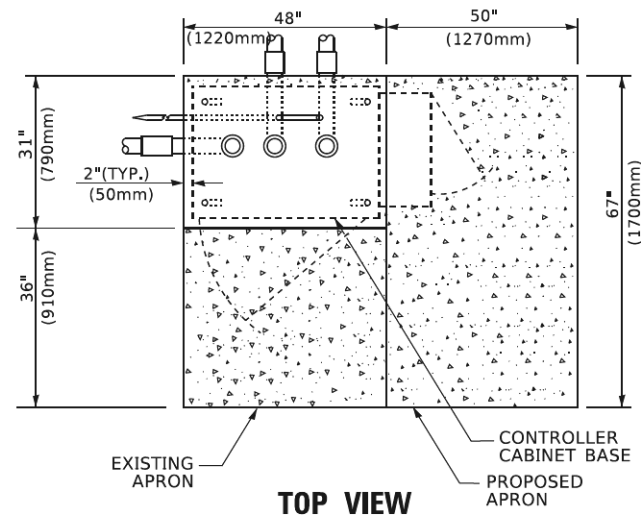
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PLOT DATE - 3/4/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE SHEET 6 OF 52 SHEETS STA. TO STA.

F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 153
TS-05		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				



TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET

TYPE C
FOR GROUND MOUNTED
SUPER P (TYPE IV) AND SUPER R (TYPE V)
CONTROLLER CABINETS

- NOTES:**
- BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
 - BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
 - PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
 - PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
 - DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
 - FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

CABLE SLACK

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD)		
(L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

VERTICAL CABLE LENGTH

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

DEPTH OF FOUNDATION

MAST ARM LENGTH	① FOUNDATION DEPTH	FOUNDATION DIAMETER	SPIRAL DIAMETER	QUANTITY OF REBARS	SIZE OF REBARS
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 55' (16.8 m) and up to 56' (16.8 m) and less than 65' (19.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

- NOTES:**
- These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (Qu) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
 - Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
 - Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations.
 - For mast arm assemblies with dual arms refer to state standard 878001..

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

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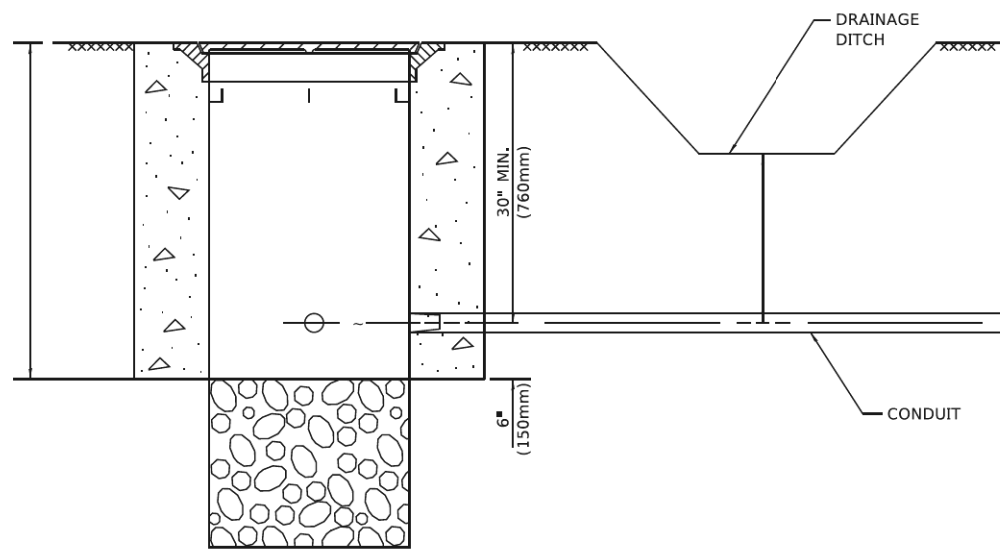
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE SHEET 7 OF 52 SHEETS STA. TO STA.

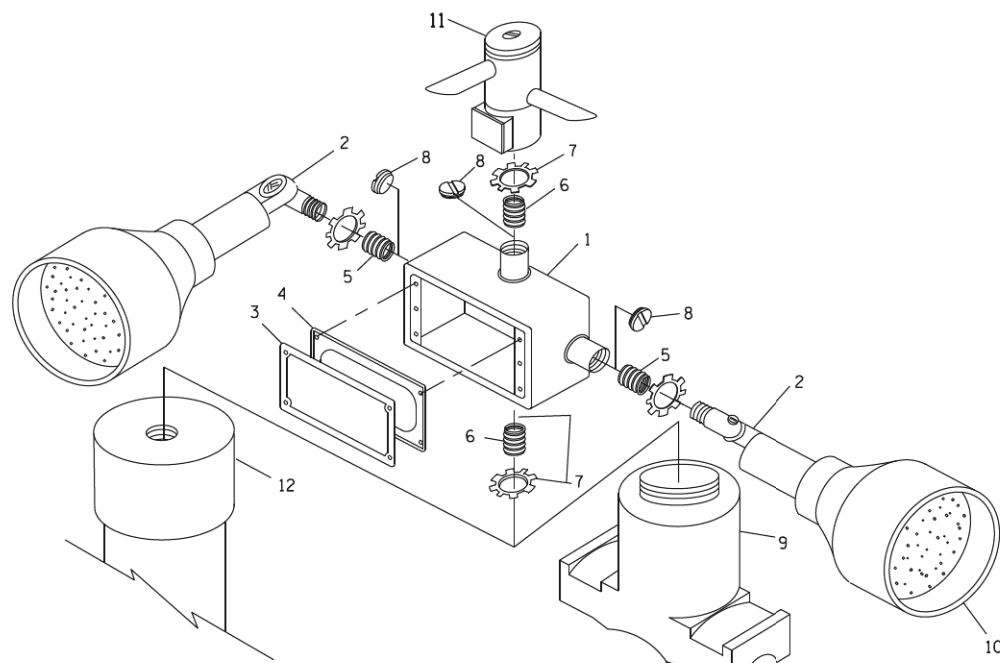
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TS-05		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				



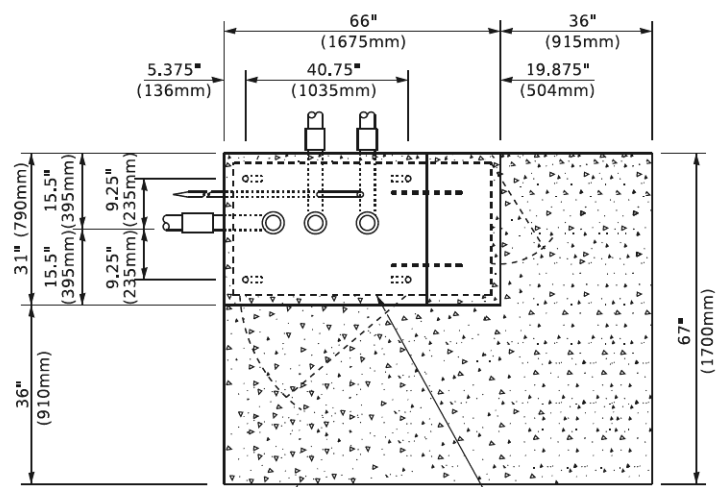
NOTES:

1. CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

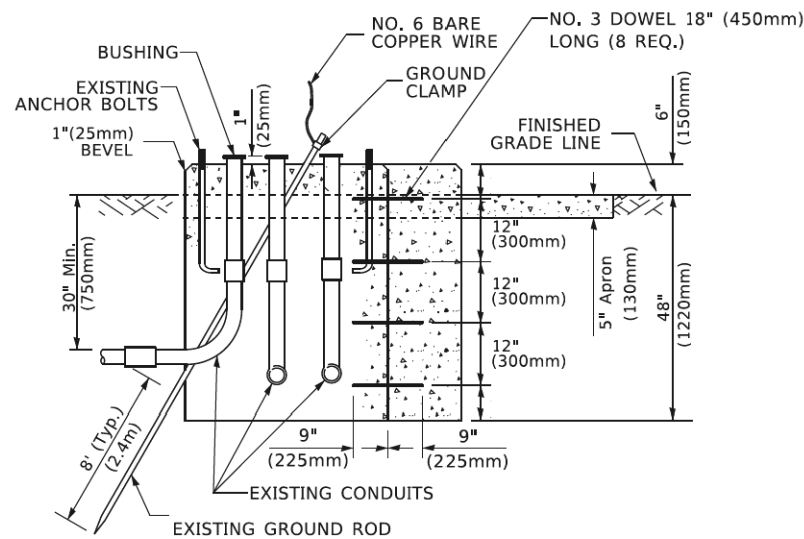
HANDHOLE WITH MINIMUM CONDUIT DEPTH
(NOT TO SCALE)



POST CAP MOUNT **MAST ARM MOUNT**
EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION
BEACON MOUNTING DETAIL



TOP VIEW
(NOT TO SCALE)

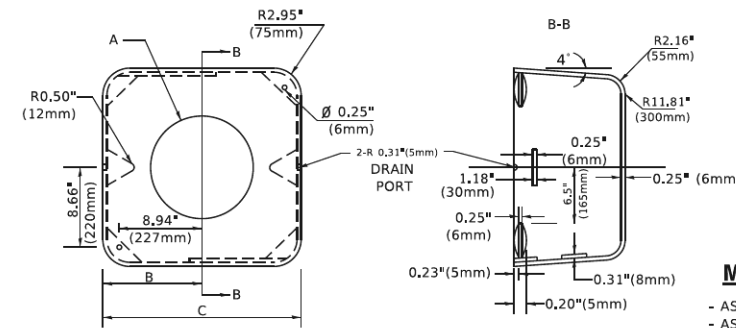


MODIFY EXISTING TYPE "D" FOUNDATION
TO TYPE "C" FOUNDATION
(NOT TO SCALE)

ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4" (19 mm) CLOSE NIPPLE
7	3/4" (19 mm) LOCKNUT
8	3/4" (19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

NOTES:

1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4" (19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



MATERIAL
- ASTM A36 STEEL
- ASTM A-123 HOT DIPPED GALVANIZED

A	B	C	HEIGHT	WEIGHT
VARIES	9.5"(241mm)	19"(483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIES	10.75"(273mm)	21.5"(546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIES	13.0"(330mm)	26"(660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIES	18.5"(470mm)	37"(940mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

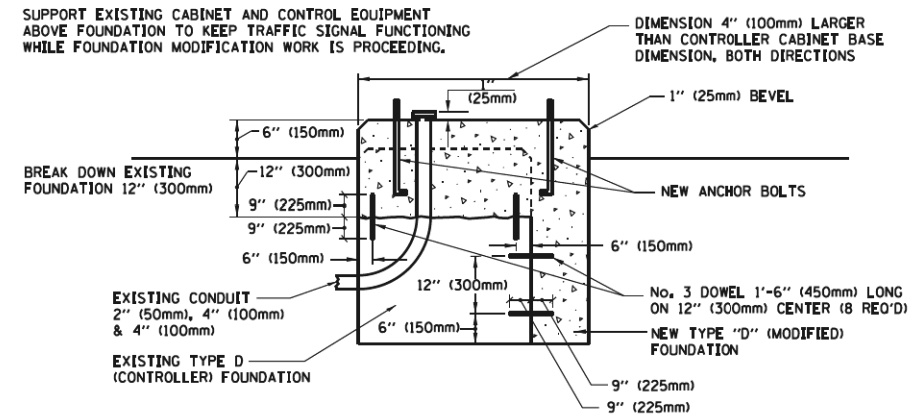
SHROUD

NOTES:

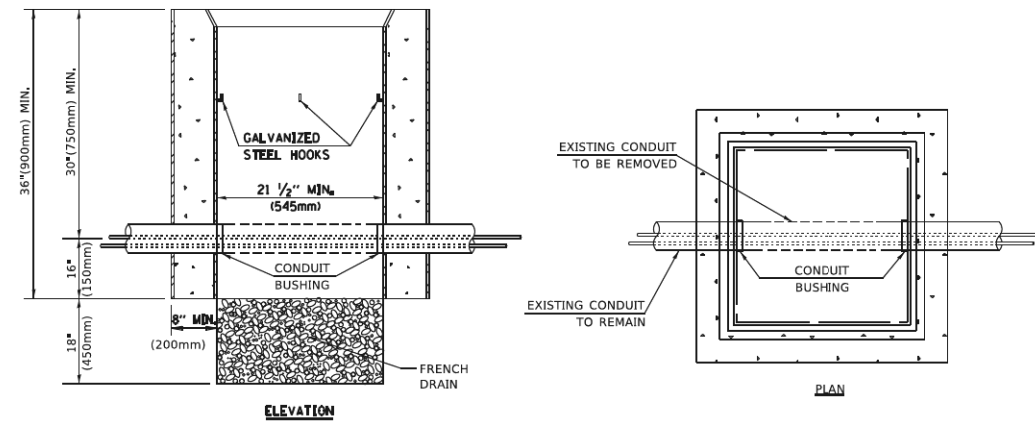
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

NOTE:

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



MODIFY EXISTING TYPE "D" FOUNDATION



NOTES:

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

HANDHOLE TO INTERCEPT EXISTING CONDUIT

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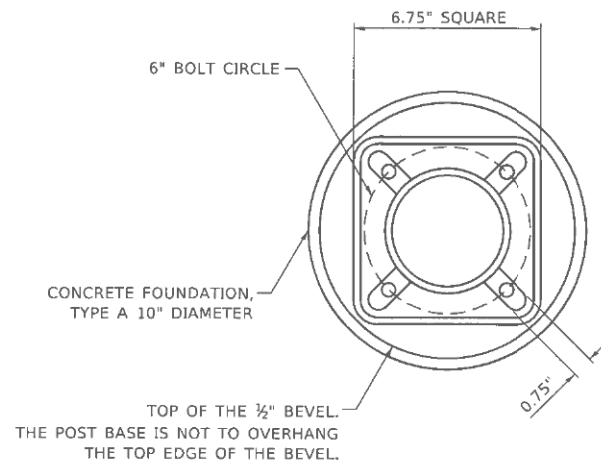
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE SHEET 8 OF 52 SHEETS STA. TO STA.

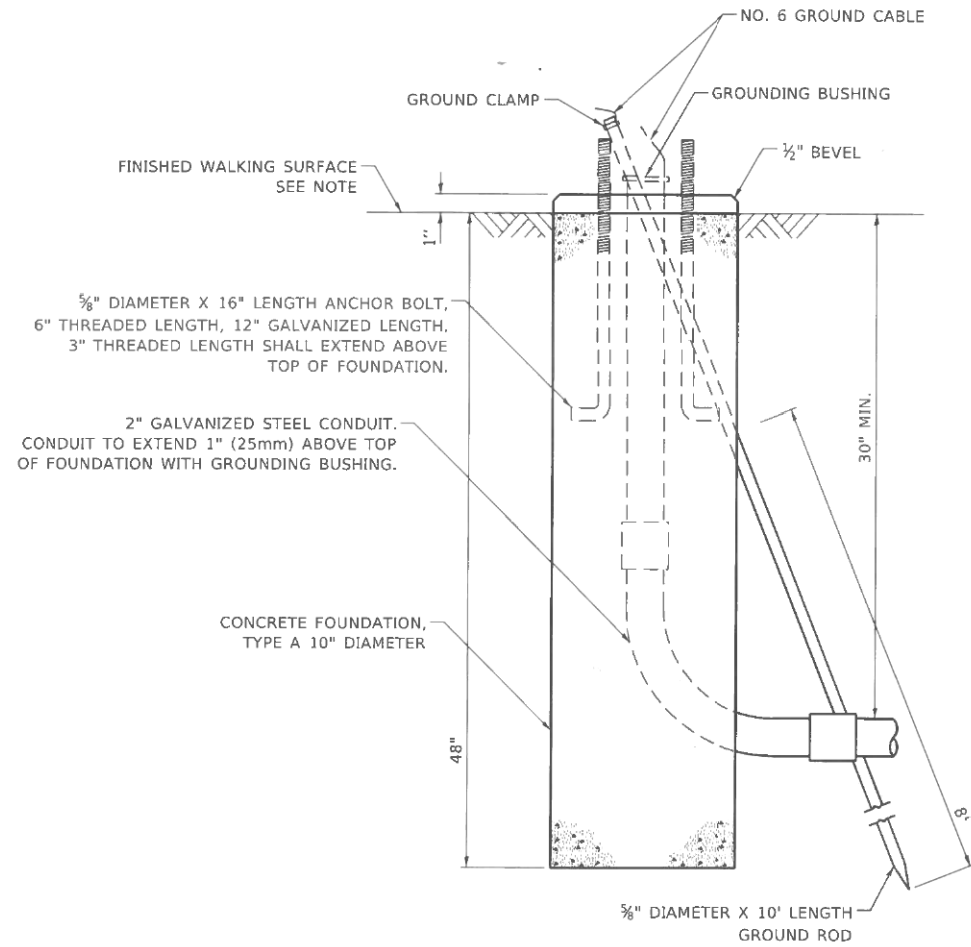
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TS-05		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				



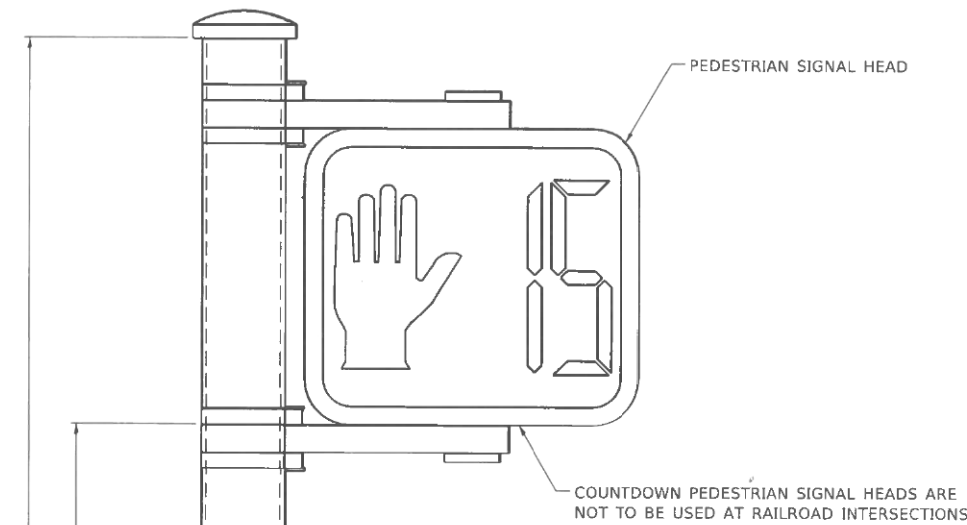
BOLT PATTERN

NOTE:

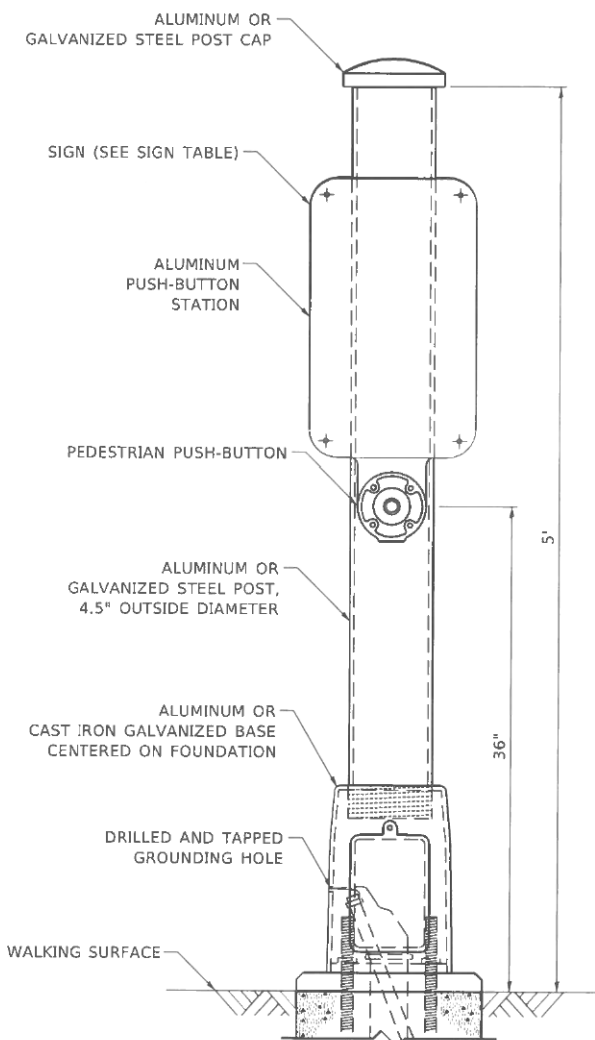
1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.



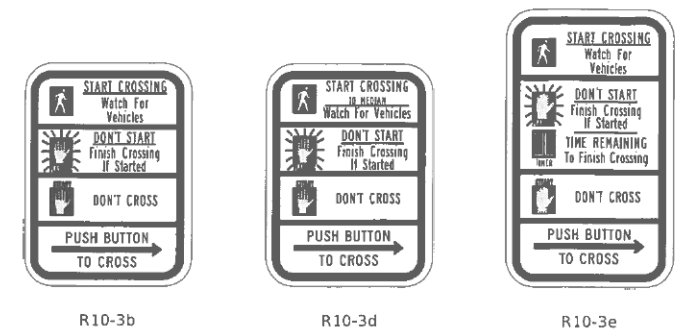
CONCRETE FOUNDATION, TYPE A 10-INCH DIAMETER



PEDESTRIAN SIGNAL POST, 10 FT.



PEDESTRIAN SIGNAL POST, 5 FT.



SIGN TABLE

SIGN	DIMENSIONS
R10-3b (RAILROAD ONLY)	9" X 12"
R10-3d (RAILROAD ONLY)	9" X 12"
R10-3e	9" X 15"

NOTES:

1. THE SIGN PANELS SHALL BE TYPE AP SHEETING.
2. THE ARROW ON SIGNS FOR PUSH-BUTTONS SERVING TWO DIRECTIONS ON THE SAME PHASE SHALL BE BI-DIRECTIONAL.
3. THE SIGN FOR DUAL-CALL PUSH-BUTTONS SHALL HAVE NO ARROW.

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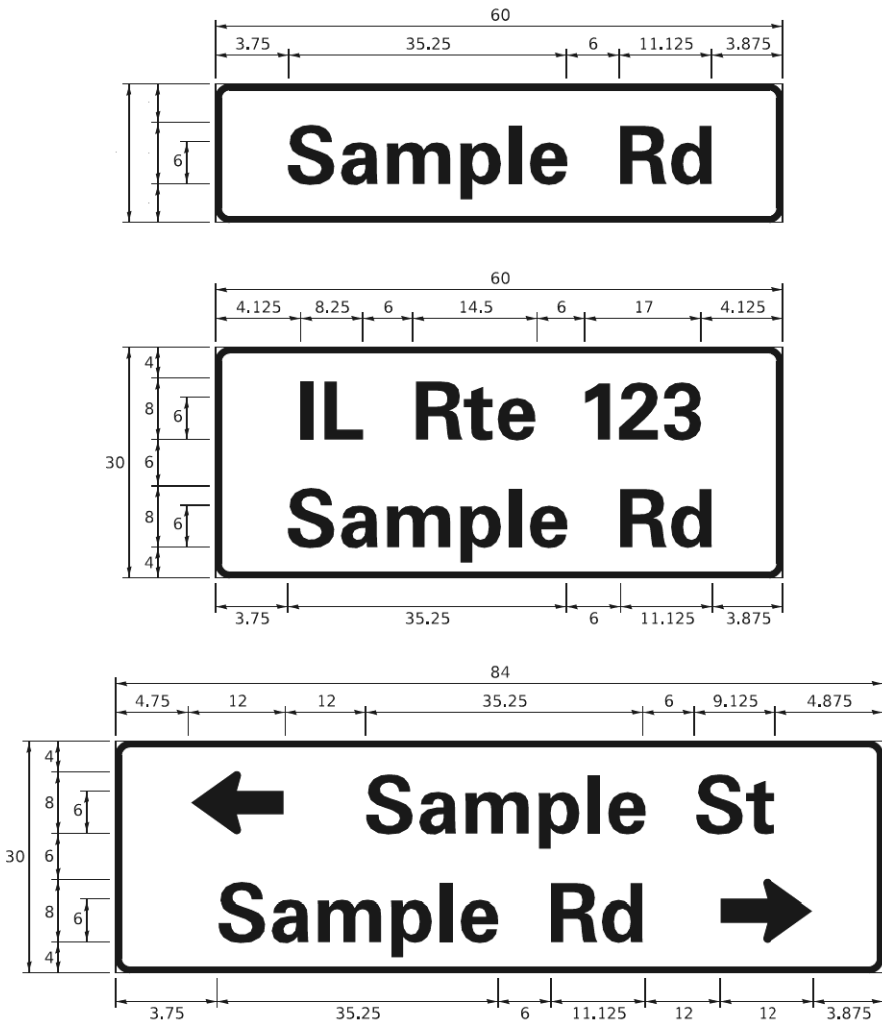
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NTS SHEET 9 OF 52 SHEETS STA. TO STA.

F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 156
TS-05		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				

SIGN PANEL – TYPE 1 OR TYPE 2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D OR C	-	1 OR 2	ZZ	-

COMMON STREET NAME ABBREVIATIONS AND WIDTHS

NAME	ABBREVIATION	WIDTH (INCH)	
		SERIES "C"	SERIES "D"
AVENUE	Ave	15,000	18,250
BOULEVARD	Blvd	17,125	20,000
CIRCLE	Cir	11,125	13,000
COURT	Ct	8,250	9,625
DRIVE	Dr	8,625	10,125
HIGHWAY	Hwy	18,375	22,000
ILLINOIS	IL	7,000	8,250
LANE	Ln	9,125	10,750
PARKWAY	Pkwy	23,375	27,375
PLACE	Pl	7,125	7,750
ROAD	Rd	9,625	11,125
ROUTE	Rte	12,625	14,500
STREET	St	8,000	9,125
TERRACE	Ter	12,625	14,625
TRAIL	Tr	7,750	9,125
UNITED STATES	US	10,375	12,250

GENERAL NOTES

- WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 877001, 877002, 877006, 877011 AND 877012. AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 8'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
- ALL SIGNS SHALL CONSIST OF A WHITE LEGEND AND BORDER (TYPE ZZ SHEETING) ON A GREEN BACKGROUND (TYPE ZZ SHEETING)
- THE SIGN LENGTH SHALL BE IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHALL NOT EXCEED 8'-0". ALL BORDERS IF POSSIBLE, BUT MAY BE REDUCED TO 5" WHEN SPACING IS CRITICAL. A MINIMUM OF 2-1/2" SHALL BE INCLUDED BETWEEN THE WORD AND THE RIGHT AND LEFT EDGES OF THE SIGN.
- A PREFERRED METHOD FOR THE SIGN DESIGN IS TO USE SERIES "D" LETTER ON A ONE-LINE SIGN 18" IN HEIGHT AND A MAXIMUM OF 8'-0" IN WIDTH. IF SERIES "D" DOES NOT FIT ON A 8'-0" SIGN, THEN SERIES "C" SHOULD BE TRIED. IF SERIES "C" DOES NOT FIT ON A 8'-0" SIGN, A 30" HIGH TWO-LINE SIGN CAN BE USED. THE CROSSROAD DESIGNATION AS TO STREET, AVENUE, ETC. SHOULD BE SPELLED OUT ON THE SECOND LINE, IF THE ABBREVIATION CANNOT FIT ON THE FIRST LINE.
- LED ILLUMINATED STREET NAME SIGNS CAN BE USED IN PLACE OF REGULAR SIGN PANELS BUT ANY SPECIAL WORDING AND SYMBOLOGY MUST BE APPROVED BY THE DEPARTMENT. GENERAL DESIGN REQUIREMENT AS LISTED ABOVE (COLOR, FONT, SIZE, ETC.) MUST BE FOLLOWED.
- SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS.

LOCAL SUPPLIERS:

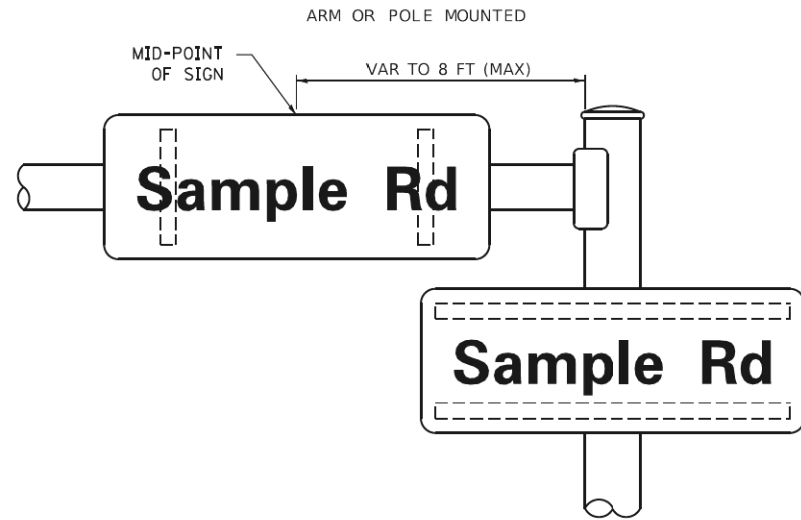
- J.O. HERBERT COMPANY, INC
MIDLOTHIAN, VA
- WESTERN REMAC, INC.
WOODRIDGE, IL

PARTS LISTING:

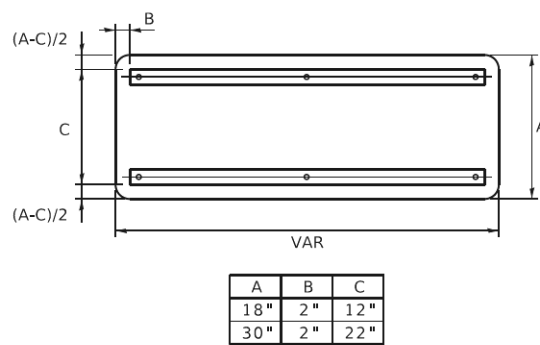
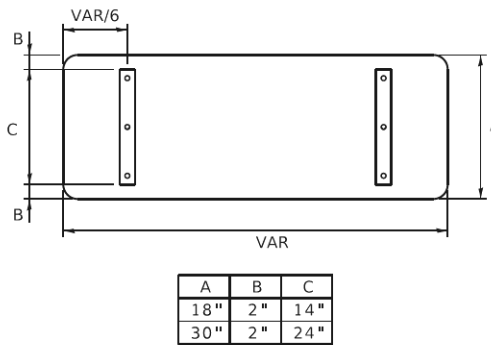
- SIGN CHANNEL PART #HPN053 (MED. CHANNEL)
- SIGN SCREWS 1/4" x 14 x 1" H.W.H. #3
- BRACKETS SELF TAPPING WITH NEOPRENE WASHER PART #HPN034 (UNIVERSAL)
- CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING

OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BACKET OF THE ABOVE PRODUCT.

MOUNTING LOCATION



SUPPORTING CHANNELS



STANDARD ALPHABETS SPACING CHART

(8") UPPER CASE AND (6") LOWER CASE

FHWA SERIES "C"				FHWA SERIES "D"			
CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)	CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)
A	0.240	5.122	0.240	A	0.240	6.804	0.240
B	0.880	4.482	0.480	B	0.960	5.446	0.400
C	0.720	4.482	0.720	C	0.800	5.446	0.800
D	0.880	4.482	0.720	D	0.960	5.446	0.800
E	0.880	4.082	0.480	E	0.960	4.962	0.400
F	0.880	4.082	0.240	F	0.960	4.962	0.240
G	0.720	4.482	0.720	G	0.800	5.446	0.800
H	0.880	4.482	0.880	H	0.960	5.446	0.960
I	0.880	1.120	0.880	I	0.960	1.280	0.960
J	0.240	4.082	0.880	J	0.240	5.122	0.960
K	0.880	4.482	0.480	K	0.960	5.604	0.400
L	0.880	4.082	0.240	L	0.960	4.962	0.240
M	0.880	5.284	0.880	M	0.960	6.244	0.960
N	0.880	4.482	0.880	N	0.960	5.446	0.960
O	0.720	4.722	0.720	O	0.800	5.684	0.800
P	0.880	4.482	0.720	P	0.960	5.446	0.240
Q	0.720	4.722	0.720	Q	0.800	5.684	0.800
R	0.880	4.482	0.480	R	0.960	5.446	0.400
S	0.480	4.482	0.480	S	0.400	5.446	0.400
T	0.240	4.082	0.240	T	0.240	4.962	0.240
U	0.880	4.482	0.880	U	0.960	5.446	0.960
V	0.240	4.962	0.240	V	0.240	6.084	0.240
W	0.240	6.084	0.240	W	0.240	7.124	0.240
X	0.240	4.722	0.240	X	0.400	5.446	0.400
Y	0.240	5.122	0.240	Y	0.240	6.884	0.240
Z	0.480	4.482	0.480	Z	0.400	5.446	0.400
a	0.320	3.842	0.640	a	0.400	4.562	0.720
b	0.720	4.082	0.480	b	0.800	4.802	0.480
c	0.480	4.002	0.240	c	0.480	4.722	0.240
d	0.480	4.082	0.720	d	0.480	4.802	0.800
e	0.480	4.082	0.320	e	0.480	4.722	0.320
f	0.320	2.480	0.160	f	0.320	2.882	0.160
g	0.480	4.082	0.720	g	0.480	4.802	0.800
h	0.720	4.082	0.640	h	0.800	4.722	0.720
i	0.720	1.120	0.720	i	0.800	1.280	0.800
j	0.000	2.320	0.720	j	0.000	2.642	0.800
k	0.720	4.322	0.160	k	0.800	5.122	0.160
l	0.720	1.120	0.720	l	0.800	1.280	0.800
m	0.720	6.724	0.640	m	0.800	7.926	0.720
n	0.720	4.082	0.640	n	0.800	4.722	0.720
o	0.480	4.082	0.480	o	0.480	4.882	0.480
p	0.720	4.082	0.480	p	0.800	4.802	0.480
q	0.480	4.082	0.720	q	0.480	4.802	0.800
r	0.720	2.642	0.160	r	0.800	3.042	0.160
s	0.320	3.362	0.240	s	0.320	3.762	0.240
t	0.080	2.882	0.080	t	0.080	3.202	0.080
u	0.640	4.082	0.720	u	0.720	4.722	0.800
v	0.160	4.722	0.160	v	0.160	5.684	0.160
w	0.160	7.524	0.160	w	0.160	9.046	0.160
x	0.000	5.202	0.000	x	0.000	6.244	0.000
y	0.160	4.962	0.160	y	0.160	6.004	0.160
z	0.240	3.362	0.240	z	0.240	4.002	0.240
1	0.720	1.680	0.880	1	0.800	2.000	0.960
2	0.480	4.482	0.480	2	0.800	5.446	0.800
3	0.480	4.482	0.480	3	1.440	5.446	0.800
4	0.240	4.962	0.720	4	0.160	6.004	0.960
5	0.480	4.482	0.480	5	0.800	5.446	0.800
6	0.720	4.482	0.720	6	0.800	5.446	0.800
7	0.240	4.482	0.720	7	0.560	5.446	0.560
8	0.480	4.482	0.480	8	0.800	5.446	0.800
9	0.480	4.482	0.480	9	0.800	5.446	0.800
0	0.720	4.722	0.720	0	0.800	5.684	0.800
-	0.240	2.802	0.240	-	0.240	2.802	0.240

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PLOT DATE - 3/4/2019		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

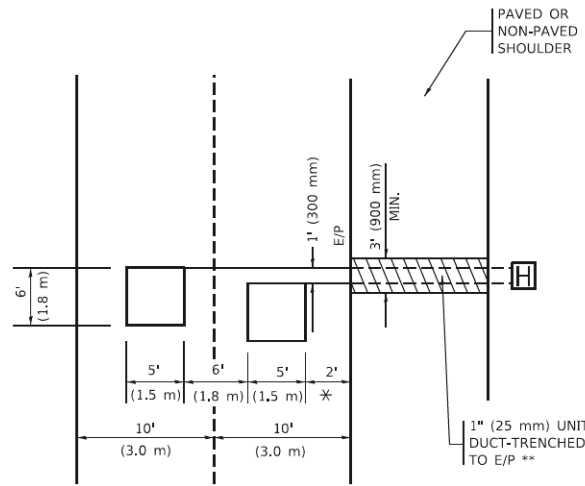
DISTRICT ONE
MAST ARM MOUNTED STREET NAME SIGNS

F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 157
TS-02		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 10 OF 52 SHEETS STA. TO STA.

LOOPS NEXT TO SHOULDERS

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.

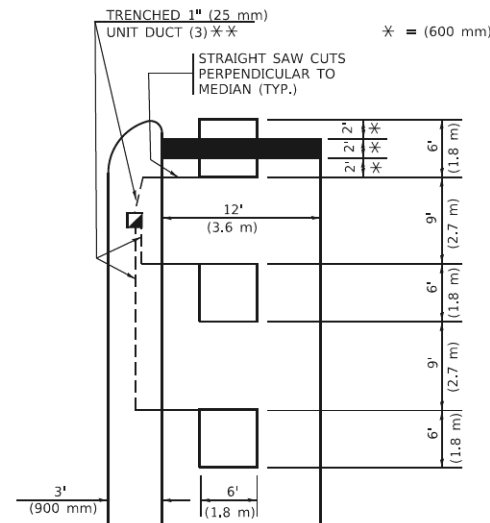


* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

LEFT TURN LANES WITH MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION) ON SAME APPROACH (PROTECTED / PERMITTED LEFT TURN PHASING)

HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.

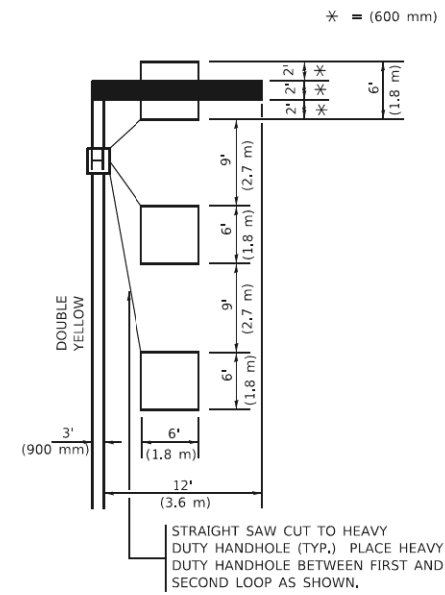


* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION) ON SAME APPROACH (PROTECTED / PERMITTED LEFT TURN PHASING)



* = (600 mm)

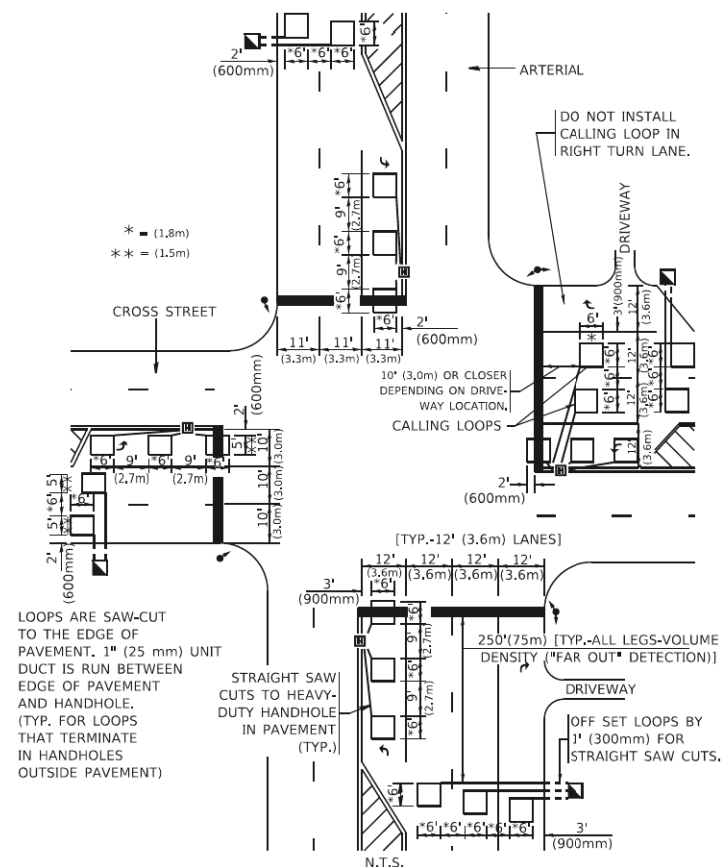
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

NOTES:

VEHICLES LOOP DETECTORS

- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATLY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- * ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- * EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- * WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- * WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("FAR OUT" DETECTION)



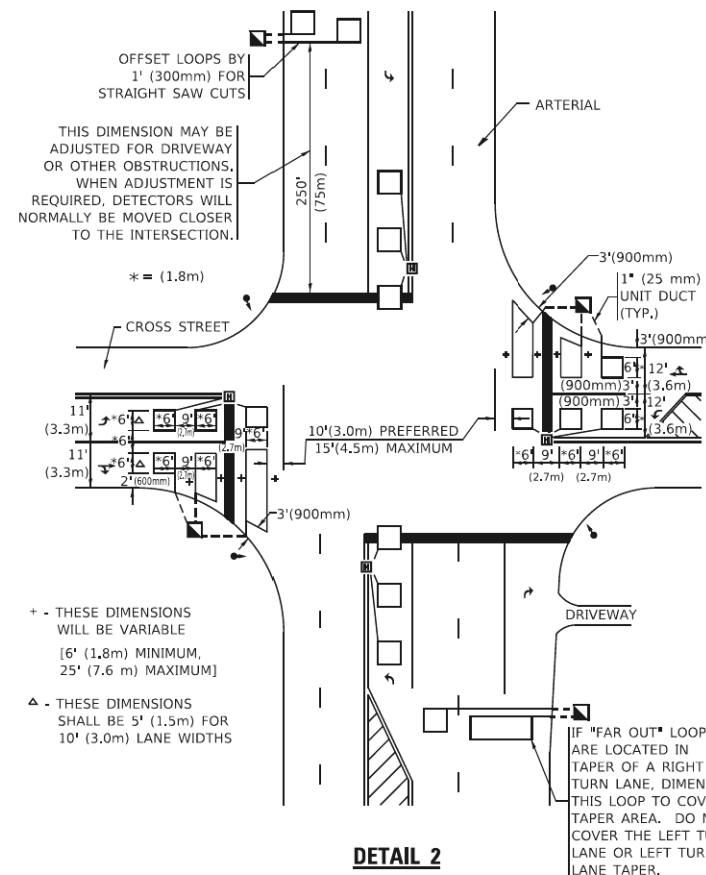
* = (1.8m)
** = (1.5m)

LOOPS ARE SAW-CUT TO THE EDGE OF PAVEMENT. 1" (25 mm) UNIT DUCT IS RUN BETWEEN EDGE OF PAVEMENT AND HANDHOLE. (TYP. FOR LOOPS THAT TERMINATE IN HANDHOLES OUTSIDE PAVEMENT)

STRAIGHT SAW CUTS TO HEAVY-DUTY HANDHOLE IN PAVEMENT (TYP.)

DETAIL 1
N.T.S.

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)



THIS DIMENSION MAY BE ADJUSTED FOR DRIVEWAY OR OTHER OBSTRUCTIONS. WHEN ADJUSTMENT IS REQUIRED, DETECTORS WILL NORMALLY BE MOVED CLOSER TO THE INTERSECTION.

* - THESE DIMENSIONS WILL BE VARIABLE [6' (1.8m) MINIMUM, 25' (7.6 m) MAXIMUM]

△ - THESE DIMENSIONS SHALL BE 5' (1.5m) FOR 10' (3.0m) LANE WIDTHS

IF "FAR OUT" LOOPS ARE LOCATED IN TAPER OF A RIGHT TURN LANE, DIMENSION THIS LOOP TO COVER TAPER AREA. DO NOT COVER THE LEFT TURN LANE OR LEFT TURN LANE TAPER.

DETAIL 2
N.T.S.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DIMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

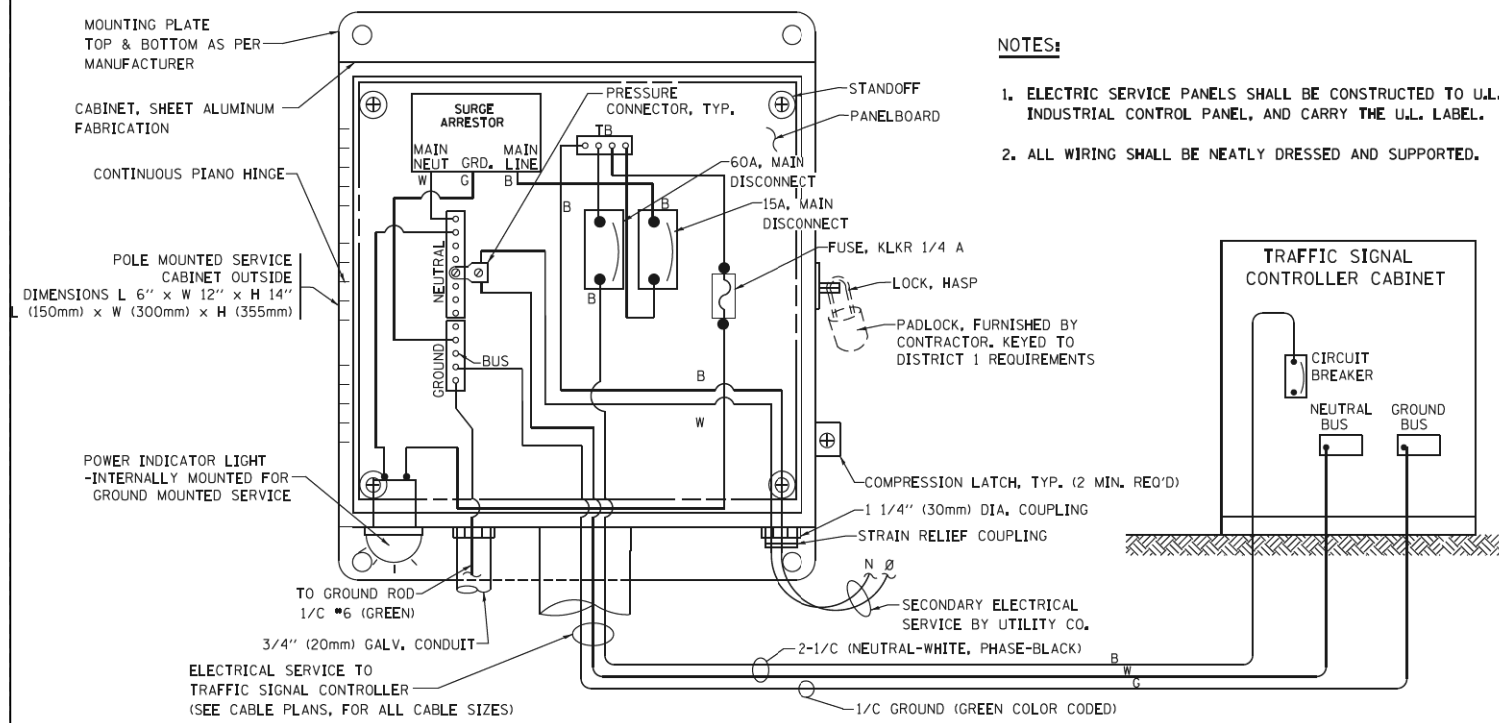
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PLOT DATE = 3/4/2019	CHECKED - R.K.F.	REVISED -
	DATE -	REVISED -

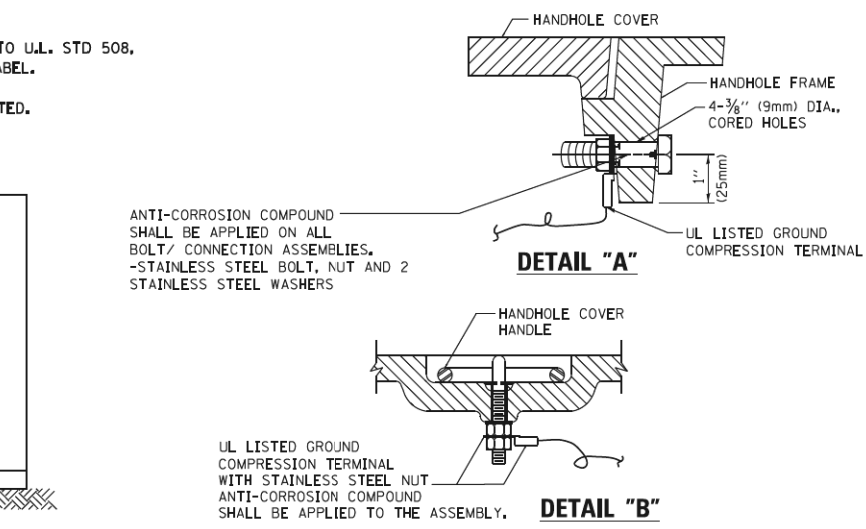
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1 - DETECTOR LOOP INSTALLATION	
DETAILS FOR ROADWAY RESURFACING	
SCALE: NONE	SHEET 11 OF 52 SHEETS STA. TO STA.

F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 158
TS-07		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				

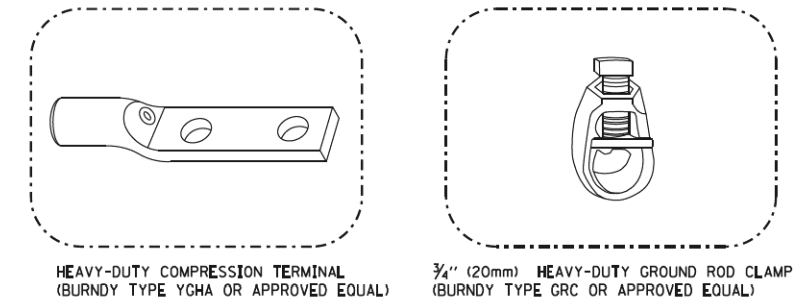
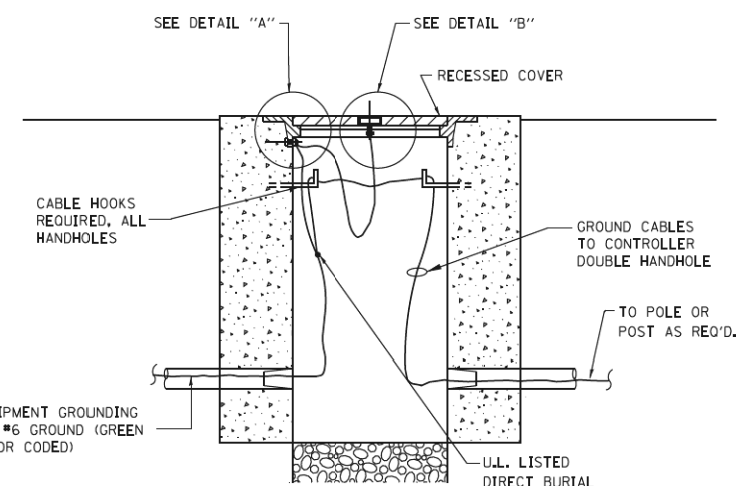


**ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
(NOT TO SCALE)**



**NOTES:
GROUNDING SYSTEM**

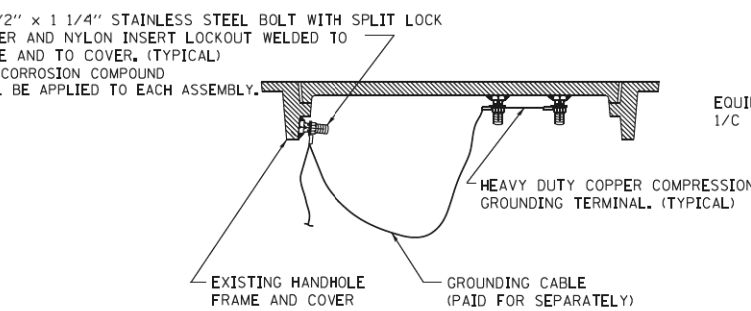
- THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
- THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
- ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
- THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.



NOTES:

- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.

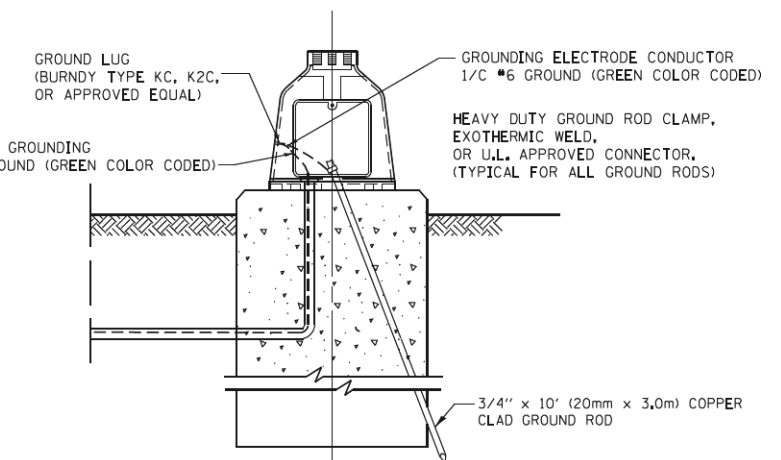
**HANDHOLE COVER & FRAME – GROUNDING DETAIL
(NOT TO SCALE)**



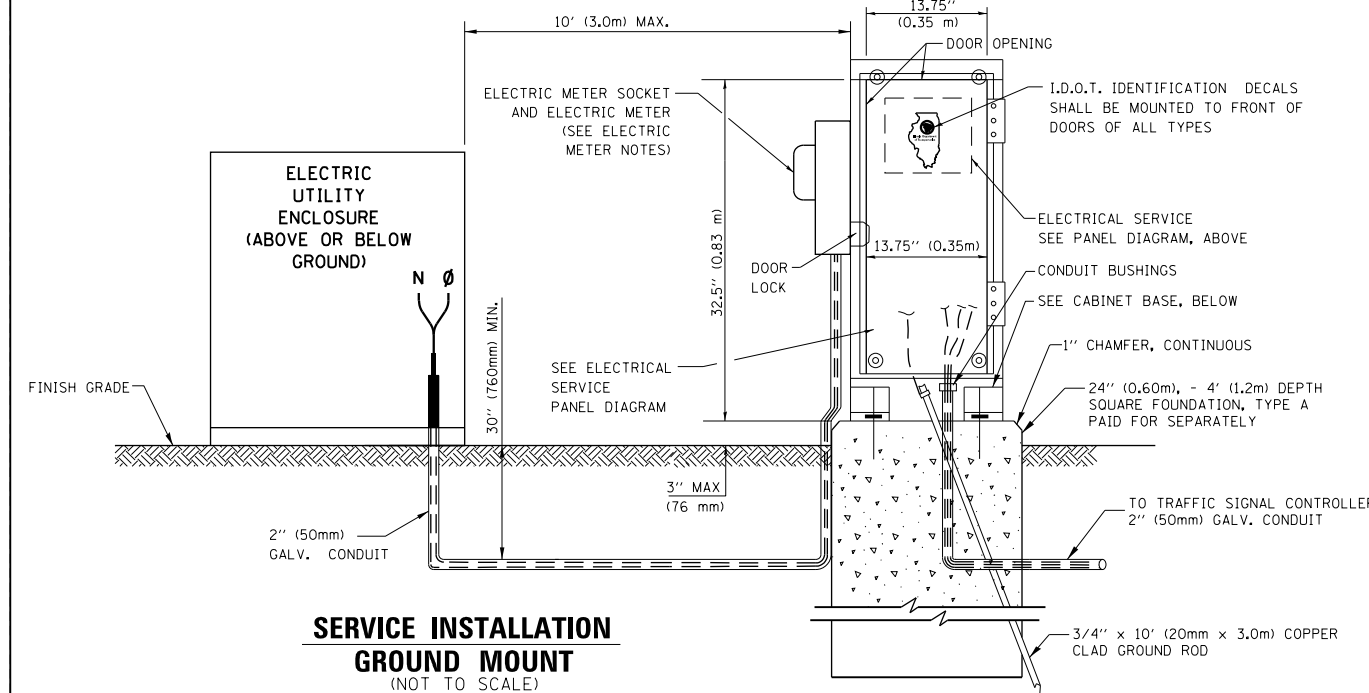
**EXISTING HANDHOLE COVER & FRAME – GROUNDING DETAIL
(NOT TO SCALE)**

ELECTRIC METER NOTES:

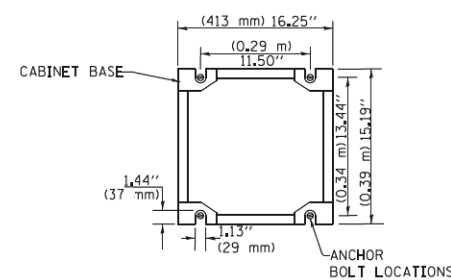
- ELECTRIC METER SOCKET SHALL BE SUPPLIED AND INSTALLED BY THE CONTRACTOR. THE ELECTRIC UTILITY WILL SUPPLY THE ELECTRIC METER AND THE CONTRACTOR SHALL INSTALL THE METER. THE ELECTRIC METER SOCKET SIZE AND TYPE SHALL BE COORDINATED WITH THE ELECTRIC UTILITY COMPANY.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR THE SUPPORTS AND ATTACHMENT PLANS FOR APPROVAL BY THE ENGINEER.
- ALL WORK ASSOCIATED WITH THE ELECTRIC SERVICE METER SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR SERVICE INSTALLATION - GROUND MOUNTED.



**MAST ARM POLE / POST-GROUNDING DETAIL
(NOT TO SCALE)**



**CABINET – BASE BOLT PATTERN
(NOT TO SCALE)**



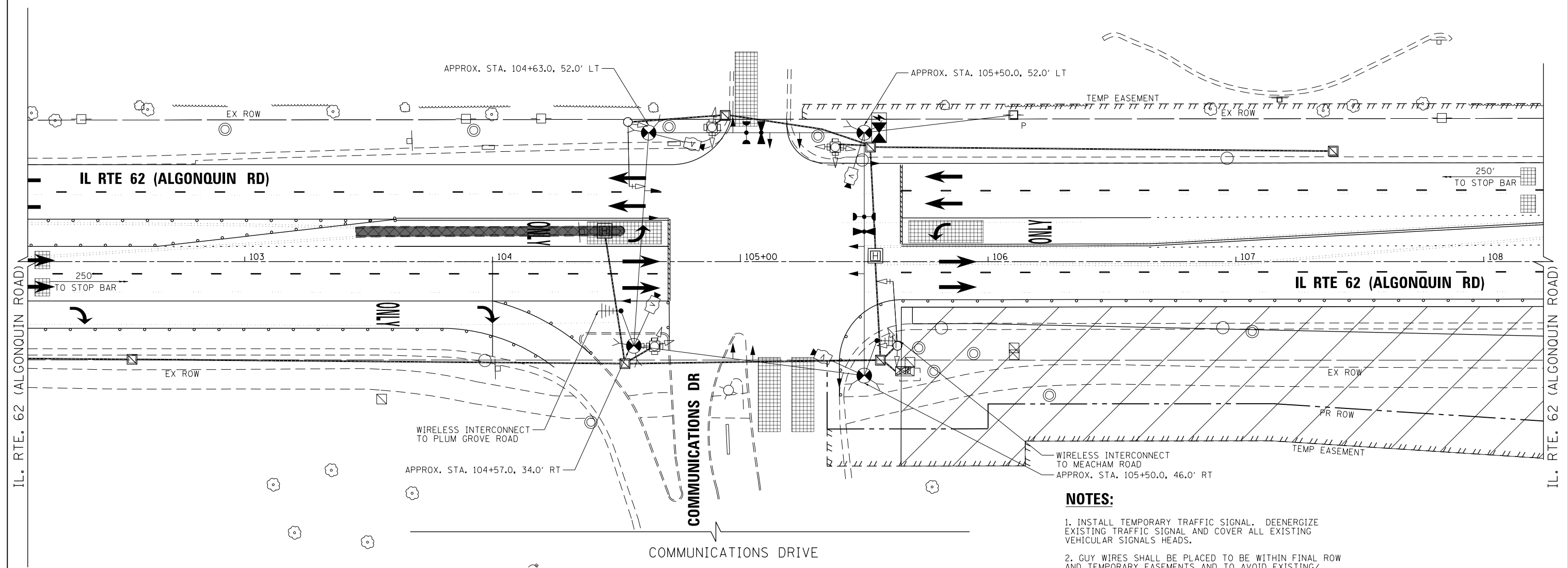
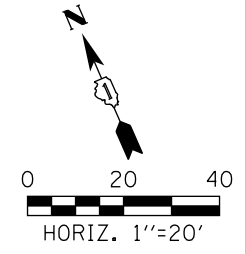
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL DESIGN DETAIL
METERED ELECTRIC SERVICE**

SCALE: NONE SHEET 12 OF 52 SHEETS STA. TO STA.

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0339	16-00068-00-WR	COOK	301	159
CONTRACT NO. 61G20				
ILLINOIS FED. AID PROJECT				



- NOTES:**
1. INSTALL TEMPORARY TRAFFIC SIGNAL. DEENERGIZE EXISTING TRAFFIC SIGNAL AND COVER ALL EXISTING VEHICULAR SIGNALS HEADS.
 2. GUY WIRES SHALL BE PLACED TO BE WITHIN FINAL ROW AND TEMPORARY EASEMENTS AND TO AVOID EXISTING/PROPOSED SHARED-USE PATH AND/OR SIDEWALK. SEE SIDEWALK GUY DETAIL, IDOT HIGHWAY STANDARD 880001-01.

REMOVAL AND RELOCATION NOTES:

NO EXISTING TRAFFIC SIGNAL EQUIPMENT IS BEING PERMANENTLY REMOVED OR RELOCATED.

TS 14755
ECON 96

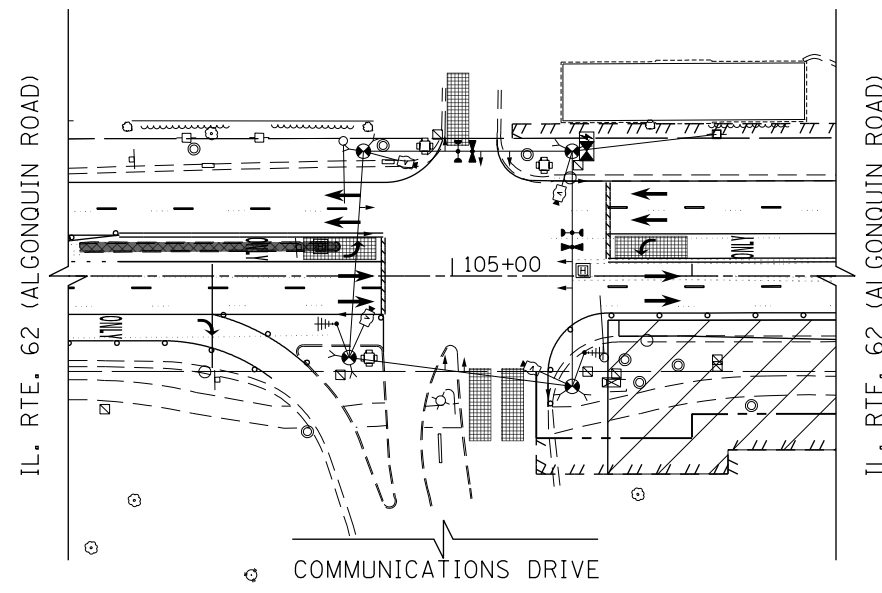
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	PLOT DATE= 4/2/2020	DATE - 4/2/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

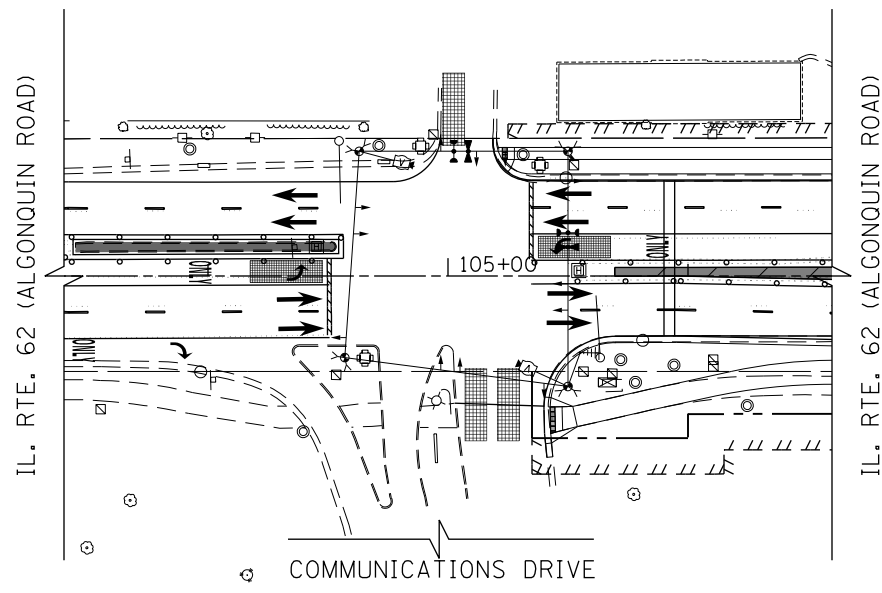
IL 62 (ALGONQUIN ROAD) AND COMMUNICATIONS DRIVE
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN

SCALE: 1"=20' SHEET 13 OF 52 SHEETS STA. 102+00 TO STA. 108+00

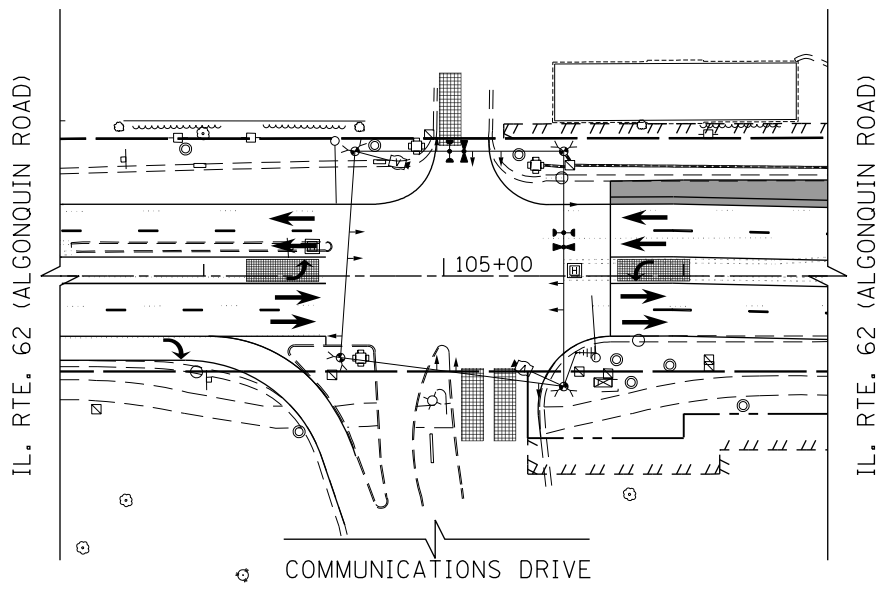
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0339	16-00068-00-WR	COOK	301	160
CONTRACT NO. 61620				
ILLINOIS		FED. AID PROJECT		



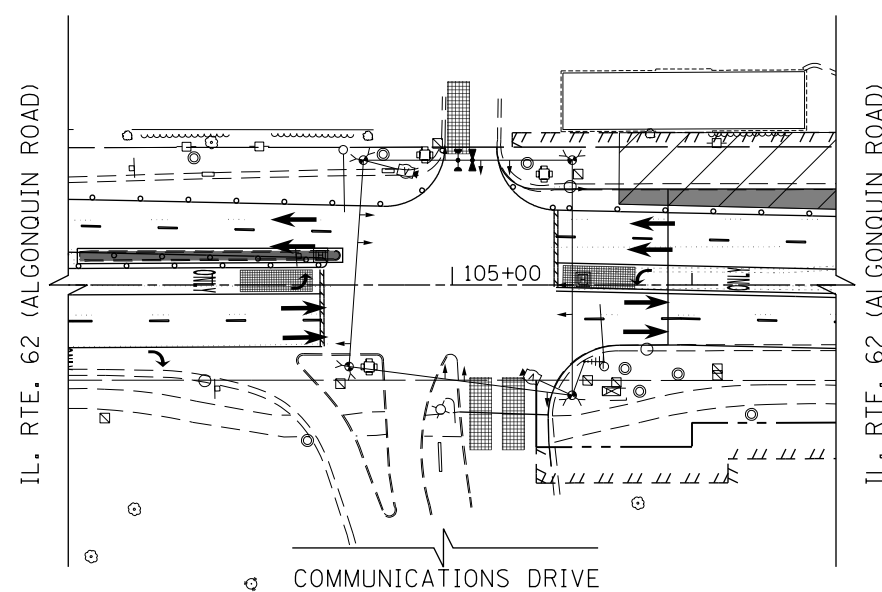
MAINTENANCE OF TRAFFIC STAGE I



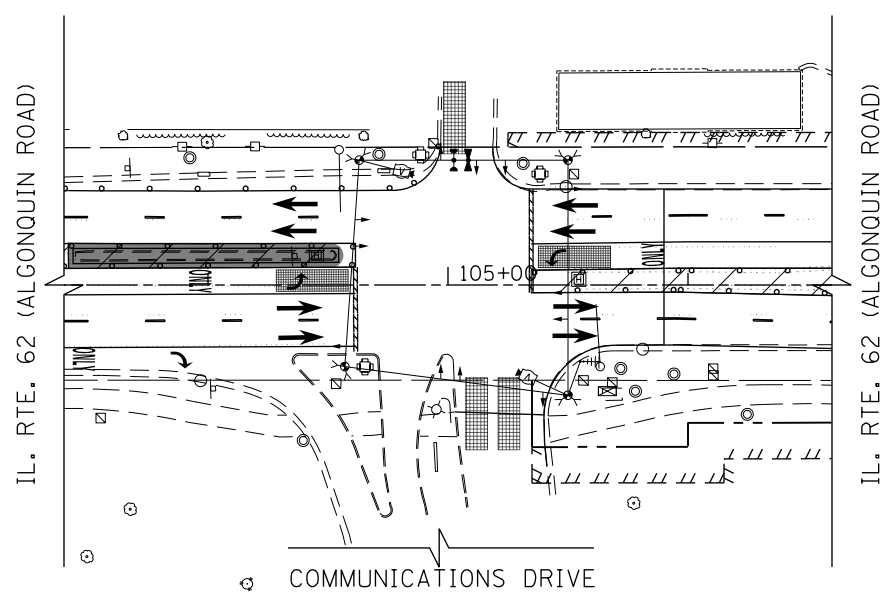
MAINTENANCE OF TRAFFIC STAGE II



MAINTENANCE OF TRAFFIC STAGE IIA



MAINTENANCE OF TRAFFIC STAGE III



MAINTENANCE OF TRAFFIC STAGES IIIA, IV & IVA

NOTE:
EXISTING TRAFFIC SIGNAL CONTROL EQUIPMENT TO BE MAINTAINED AT THIS INTERSECTION.

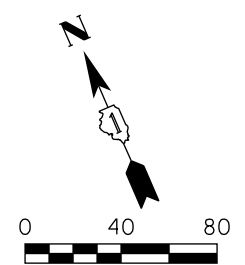
PRIOR TO THE START OF ALL STAGES, SIGNAL HEADS TO BE RELOCATED AS SHOWN.

UNUSED HEADS ARE TO BE BAGGED AND DISABLED, AS NEEDED, AND BE UN-BAGGED AND ACTIVATED AS APPLICABLE TO THE SUBSEQUENT MOT STAGING.

DURING ALL MOT STAGES, MAST ARM MOUNTED LEFT TURN SIGNAL HEADS ON ALGONQUIN ROAD TO BE BAGGED AND DISABLED.

LEGEND

- CONSTRUCTION WORK ZONE
- COMPLETED PAVEMENT
- TEMPORARY PAVEMENT TO BE CONSTRUCTED PRE-STAGE
- TEMPORARY PAVEMENT TO BE CONSTRUCTED DURING OR AFTER STAGE I
- SIGNAL TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONODIRECTIONAL FLASHING LIGHT
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DIRECTION OF TRAFFIC FLOW



FILE NAME 50101-TS-111.dgn	USER NAME- Mibeening	DESIGNED - CEC	REVISED -
Default	PLOT SCALE: 80.0000' / in.	DRAWN - CEC	REVISED -
	PLOT DATE: 4/2/2020	CHECKED - DWB	REVISED -
		DATE - 4/2/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

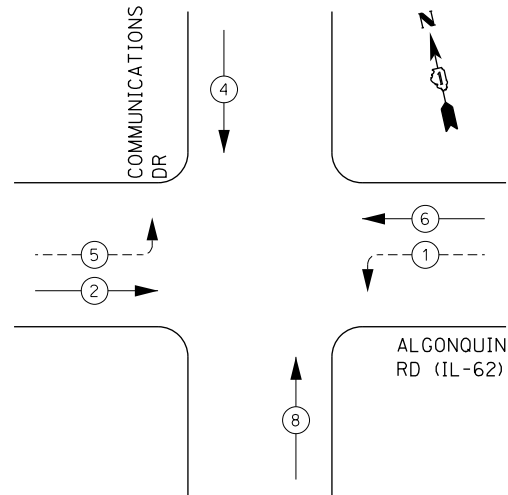
**IL 62 (ALGONQUIN ROAD) AND COMMUNICATIONS DRIVE
TEMPORARY TRAFFIC SIGNAL STAGING**

SCALE: N.T.S. SHEET 14 OF 52 SHEETS STA. 103+00 TO STA. 107+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0339	16-00068-00-WR	COOK	301	161
CONTRACT NO. 61G20				
ILLINOIS FED. AID PROJECT				

**TS 14755
ECON 96**

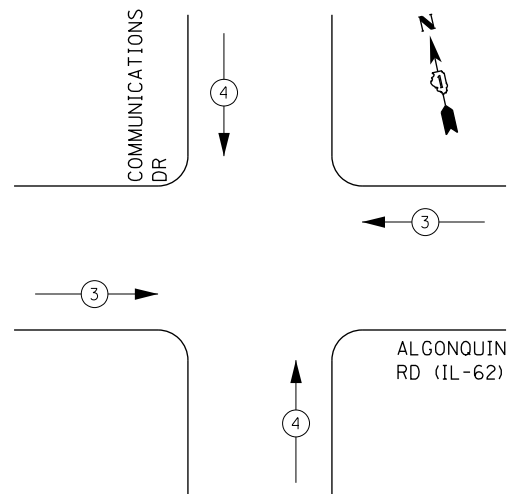
TEMPORARY CONTROLLER SEQUENCE



LEGEND:

- ← ⊙ ← PROTECTED PHASE
- ← ⊙ - - PROTECTED/PERMITTED PHASE
- ← ⊙ → PEDESTRIAN PHASE
- ← ⊙ OL OVERLAP

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	13	11	50	71.5
(YELLOW)	13	20	5	13.0
(GREEN)	15	12	45	81.0
PERMISSIVE ARROW	8	10	10	8.0
PED. SIGNAL	-	20	100	--
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	--
FLASHER	-	-	50	--
STREET NAME SIGN	-	120	50	--
LUMINAIRE	-	285	50	--
TOTAL =				448.5

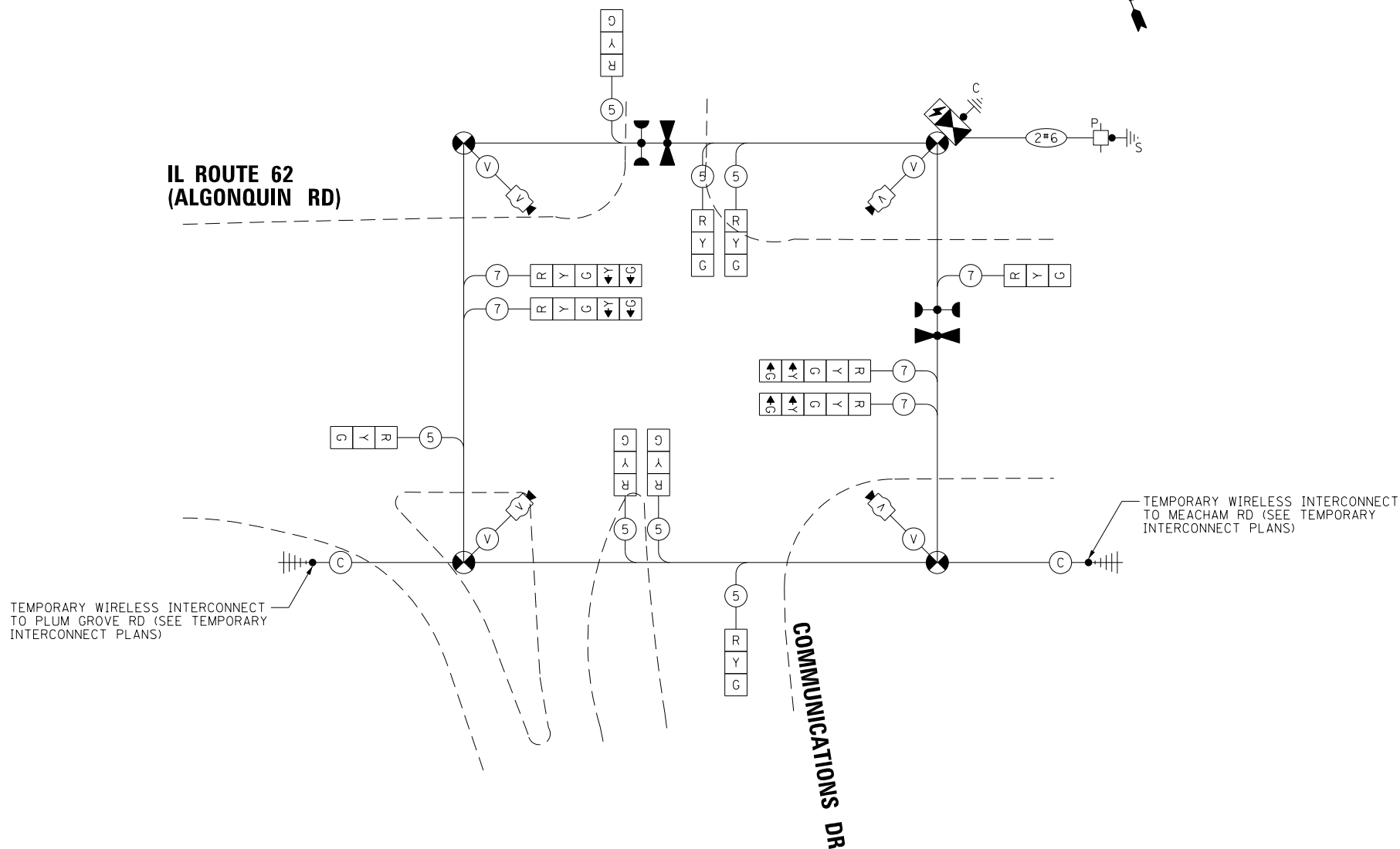
ENERGY COSTS TO:

MOTOROLA
233 N MICHIGAN AVE #2600
CHICAGO, IL 60601

ENERGY SUPPLY: CONTACT: _____
PHONE: _____
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: _____

FILE NAME 50101-TS-121.dgn*	USER NAME: Mibeering	DESIGNED - CEC	REVISED -
Default	PLOT SCALE: 40.0000' / 1in.	DRAWN - CEC	REVISED -
	PLOT DATE: 4/2/2020	CHECKED - DWB	REVISED -
		DATE - 4/2/2020	REVISED -

IL ROUTE 62 (ALGONQUIN RD)



CABLE PLAN
(NOT TO SCALE)

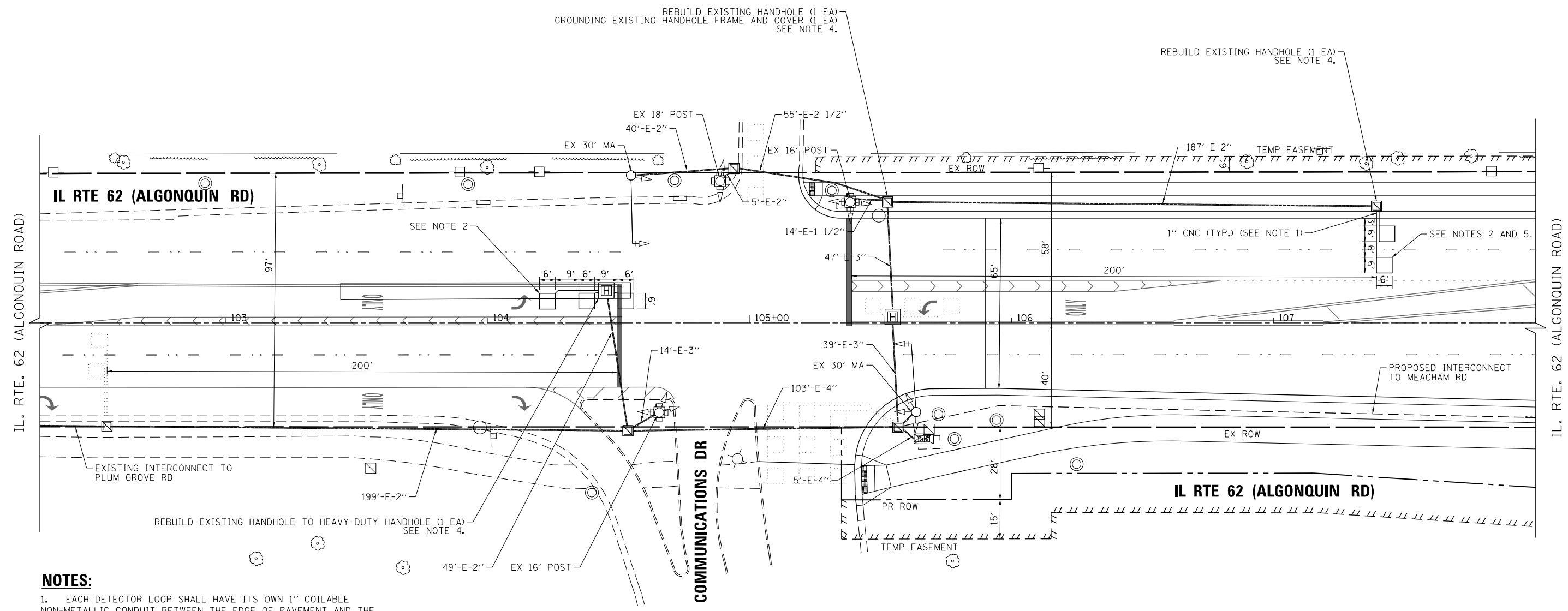
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 62 (ALGONQUIN ROAD) AND COMMUNICATIONS DRIVE
TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM,
AND TEMPORARY EMERGENCY VEHICLE PREMPTION SEQUENCE**

SCALE: N.T.S. SHEET 15 OF 52 SHEETS STA. TO STA.

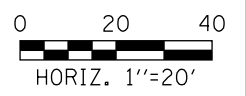
F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 162
CONTRACT NO. 61G20				
ILLINOIS FED. AID PROJECT				

**TS 14755
ECON 96**



NOTES:

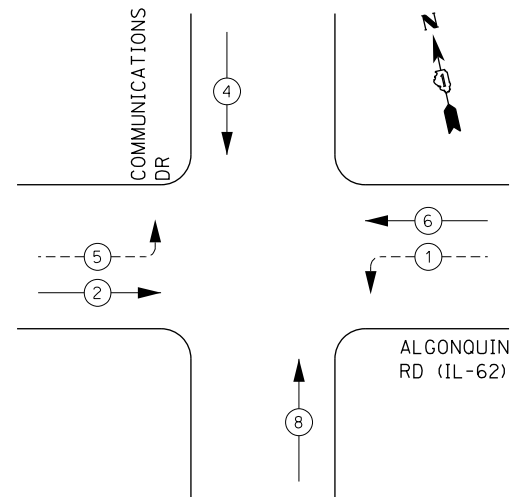
1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
2. SPLICE PROPOSED LOOP WIRES TO EXISTING LEAD-IN CABLES IN HANDHOLE PER DISTRICT ONE STANDARD DETAIL TS-05 AND TS-07. THIS WORK IS INCLUDED THE UNIT COST COST OF DETECTOR LOOP REPLACEMENT.
3. EXISTING CONDUITS ARE SHOWN ON PLANS FOR INFORMATION ONLY AND SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD.
4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND MAINTAIN EXISTING ELECTRICAL CABLES AND CONNECTIONS IN THE HANDHOLE. FRAME AND COVER FOR THE RECONSTRUCTED HANDHOLE SHALL BE BONDED TO THE EXISTING GROUND CABLE PER HIGHWAY STANDARD 873001.
5. SPLICE ONE LOOP DETECTOR TO EXISTING LEAD-IN CABLE, AND ONE LOOP DETECTOR TO NEW LEAD-IN CABLE, AS SHOWN IN CABLE PLAN



TS 14755
ECON 96

FILE NAME 50101-TS-151.dgn*	USER NAME: Mibeening	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 62 (ALGONQUIN ROAD) AND COMMUNICATIONS DRIVE TRAFFIC SIGNAL MODERNIZATION PLAN	F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 163
	PLOT SCALE: 40.0000' / in.	CHECKED - DWB	REVISED -			SCALE: 1"=20'	SHEET 16 OF 52 SHEETS	STA. 121+00 TO STA. 125+50	CONTRACT NO. 61G20	
Default	PLOT DATE: 4/2/2020	DATE 4/2/2020	REVISED -							

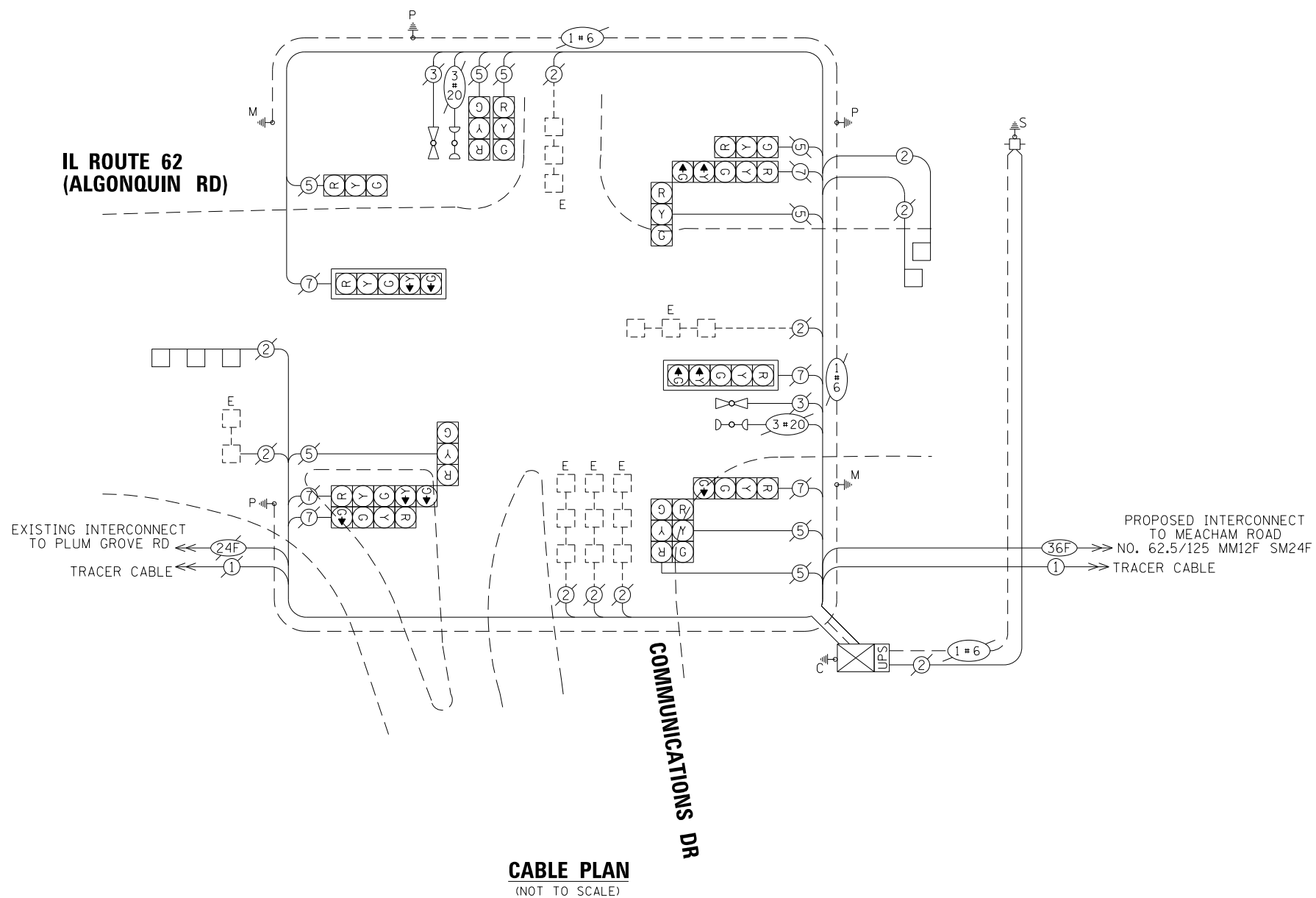
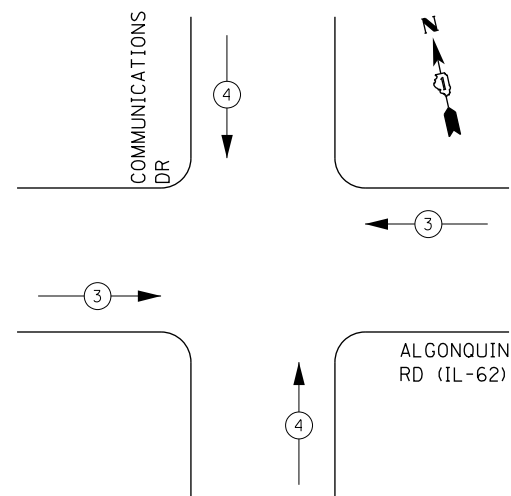
EXISTING AND PROPOSED CONTROLLER SEQUENCE



LEGEND:

- ← (⊛) → PROTECTED PHASE
- ← (⊛) - - PROTECTED/PERMITTED PHASE
- ← (⊛) → PEDESTRIAN PHASE
- ← (⊛) OL → OVERLAP

EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



CABLE PLAN
(NOT TO SCALE)

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	14	11	50	77.0
(YELLOW)	14	20	5	14.0
(GREEN)	16	12	45	86.4
PERMISSIVE ARROW	8	10	10	8.0
PED. SIGNAL	-	20	100	--
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	--
BLANK-OUT SIGN	-	25	5	--
FLASHER	-	-	50	--
STREET NAME SIGN	-	120	50	--
LUMINAIRE	-	285	50	--
TOTAL =				310.4

ENERGY COSTS TO:

MOTOROLA
233 N MICHIGAN AVE #2600
CHICAGO, IL 60601

ENERGY SUPPLY: CONTACT: _____
PHONE: _____
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: _____

NOTES:

1. EXISTING CABLE PLAN SHOWN FOR INFORMATION ONLY AND SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD.

FILE NAME 50101-TS-171.dgn*	USER NAME: Mibeering	DESIGNED - CEC	REVISED -
Default	PLOT SCALE: 40.0000' / 1in.	DRAWN - CEC	REVISED -
	PLOT DATE: 4/2/2020	CHECKED - DWB	REVISED -
		DATE - 4/2/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 62 (ALGONQUIN ROAD) AND COMMUNICATIONS DRIVE
CABLE PLAN, PHASE DESIGNATION DIAGRAM,
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE**

SCALE: N.T.S. SHEET 17 OF 52 SHEETS STA. TO STA.

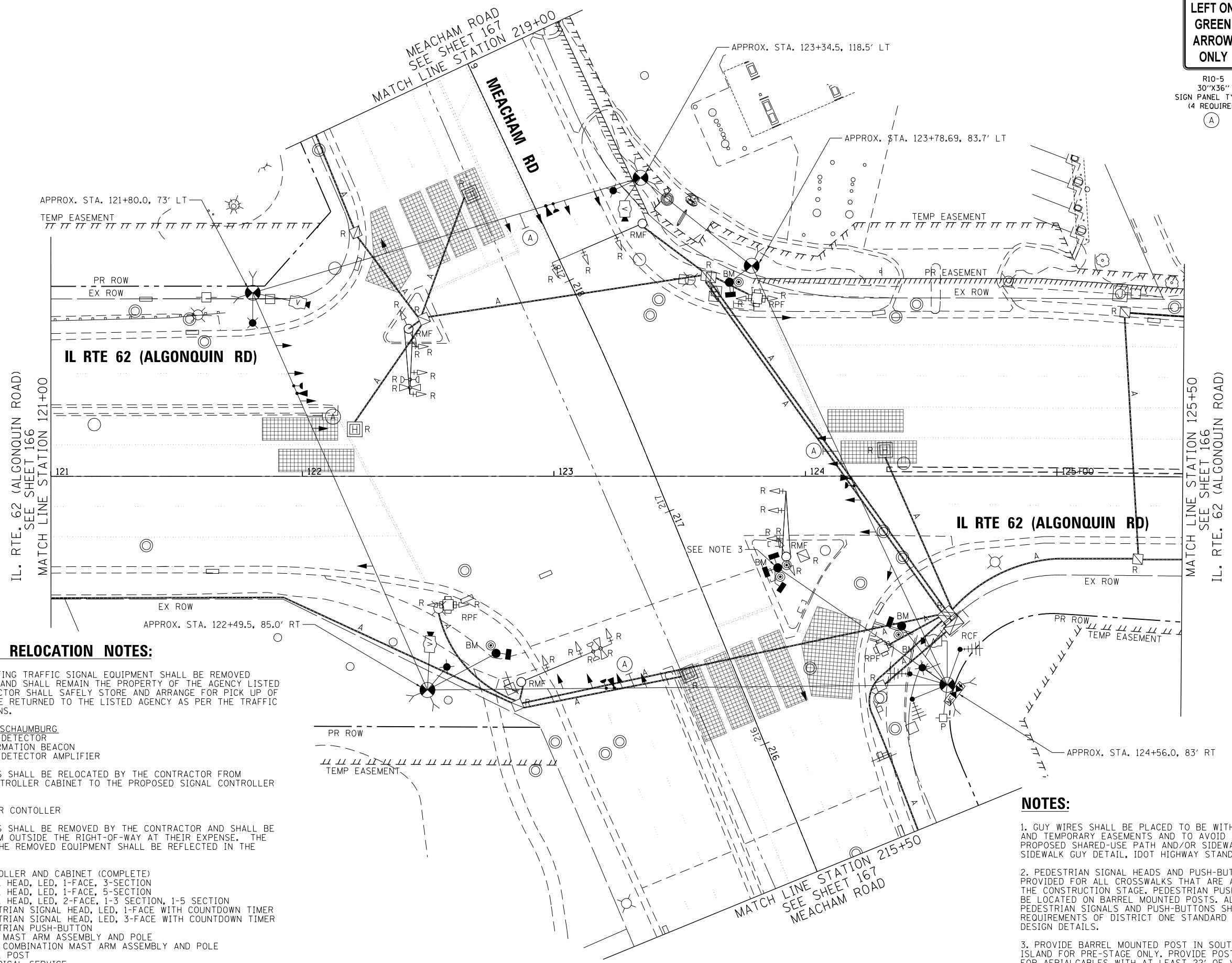
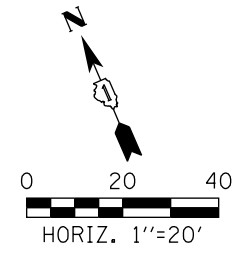
F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 164
CONTRACT NO. 61G20				
ILLINOIS FED. AID PROJECT				

**TS 14755
ECON 96**

**LEFT ON GREEN
ARROW
ONLY**

R10-5
30"X36"
SIGN PANEL TYPE 1
(4 REQUIRED)

(A)



REMOVAL AND RELOCATION NOTES:

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR PICK UP OF ALL EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

- AGENCY: VILLAGE OF SCHAUMBURG
 2 EACH LIGHT DETECTOR
 2 EACH CONFIRMATION BEACON
 1 EACH LIGHT DETECTOR AMPLIFIER

THE FOLLOWING ITEMS SHALL BE RELOCATED BY THE CONTRACTOR FROM EXISTING SIGNAL CONTROLLER CABINET TO THE PROPOSED SIGNAL CONTROLLER CABINET.

- 1 EACH MASTER CONTOLLER

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 1 EACH CONTROLLER AND CABINET (COMPLETE)
- 8 EACH SIGNAL HEAD, LED, 1-FACE, 3-SECTION
- 4 EACH SIGNAL HEAD, LED, 1-FACE, 5-SECTION
- 4 EACH SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION
- 3 EACH PEDESTRIAN SIGNAL HEAD, LED, 1-FACE WITH COUNTDOWN TIMER
- 1 EACH PEDESTRIAN SIGNAL HEAD, LED, 3-FACE WITH COUNTDOWN TIMER
- 5 EACH PEDESTRIAN PUSH-BUTTON
- 2 EACH STEEL MAST ARM ASSEMBLY AND POLE
- 2 EACH STEEL COMBINATION MAST ARM ASSEMBLY AND POLE
- 3 EACH SIGNAL POST
- 1 EACH ELECTRICAL SERVICE
- 12 EACH TRAFFIC SIGNAL BACKPLATES

NOTES:

1. GUY WIRES SHALL BE PLACED TO BE WITHIN FINAL ROW AND TEMPORARY EASEMENTS AND TO AVOID EXISTING/PROPOSED SHARED-USE PATH AND/OR SIDEWALK. SEE SIDEWALK GUY DETAIL, IDOT HIGHWAY STANDARD 880001-01.
2. PEDESTRIAN SIGNAL HEADS AND PUSH-BUTTONS SHALL BE PROVIDED FOR ALL CROSSWALKS THAT ARE ACTIVE DURING THE CONSTRUCTION STAGE. PEDESTRIAN PUSH-BUTTONS MAY BE LOCATED ON BARREL MOUNTED POSTS. ALL ACTIVE PEDESTRIAN SIGNALS AND PUSH-BUTTONS SHALL MEET THE REQUIREMENTS OF DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS.
3. PROVIDE BARREL MOUNTED POST IN SOUTHEAST CORNER ISLAND FOR PRE-STAGE ONLY. PROVIDE POST EXTENSION FOR AERIAL CABLES WITH AT LEAST 22' OF VERTICAL CLEARANCE ABOVE THE ROADWAY PAVEMENT.

FILE NAME
50101-TS-201.dgn*

USER NAME: Mibeering
 PLOT SCALE: 40.0000' / 1" = 40'
 PLOT DATE: 4/2/2020

DESIGNED - CEC
 DRAWN - CEC
 CHECKED - DWB
 DATE - 4/2/2020

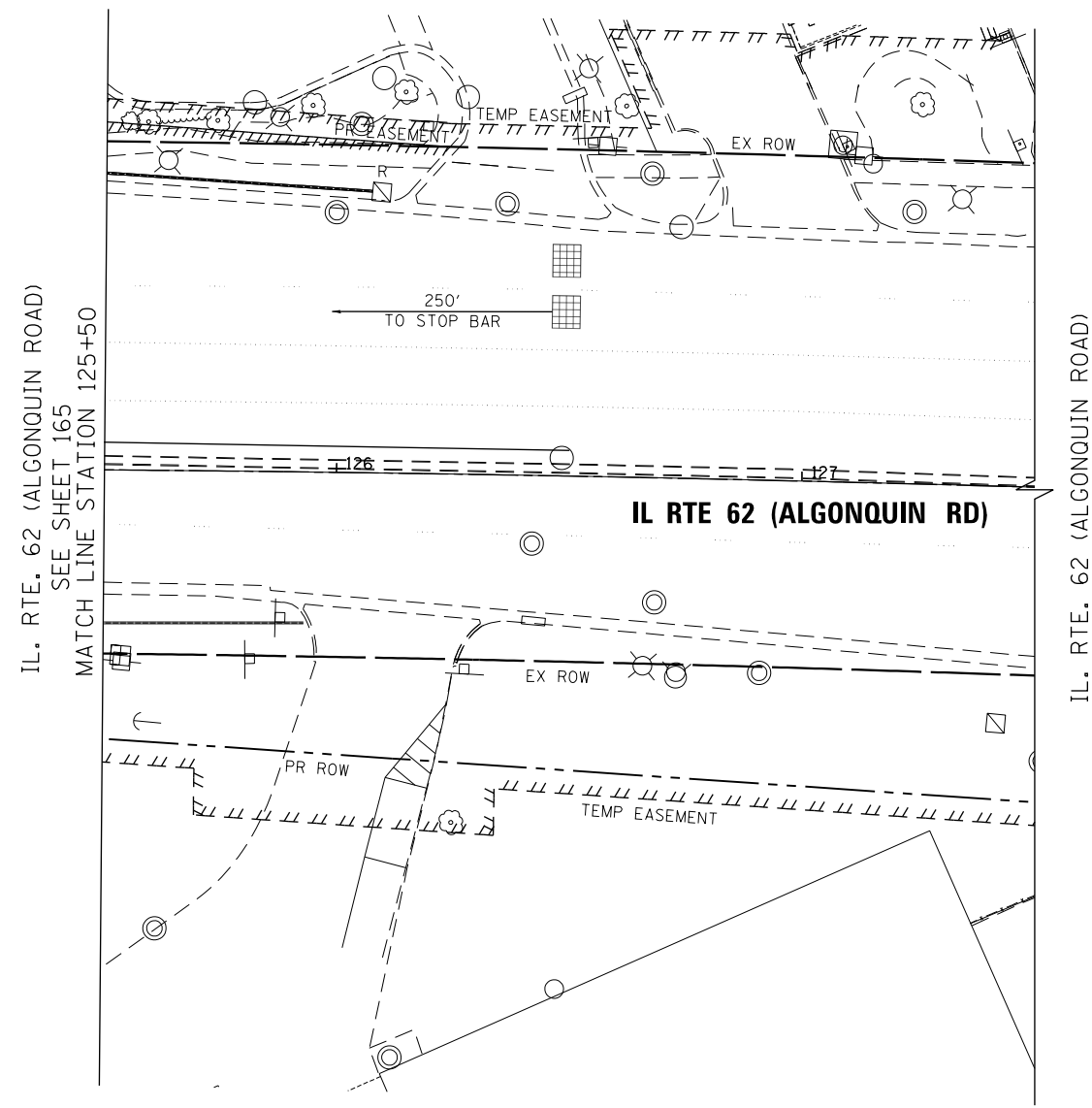
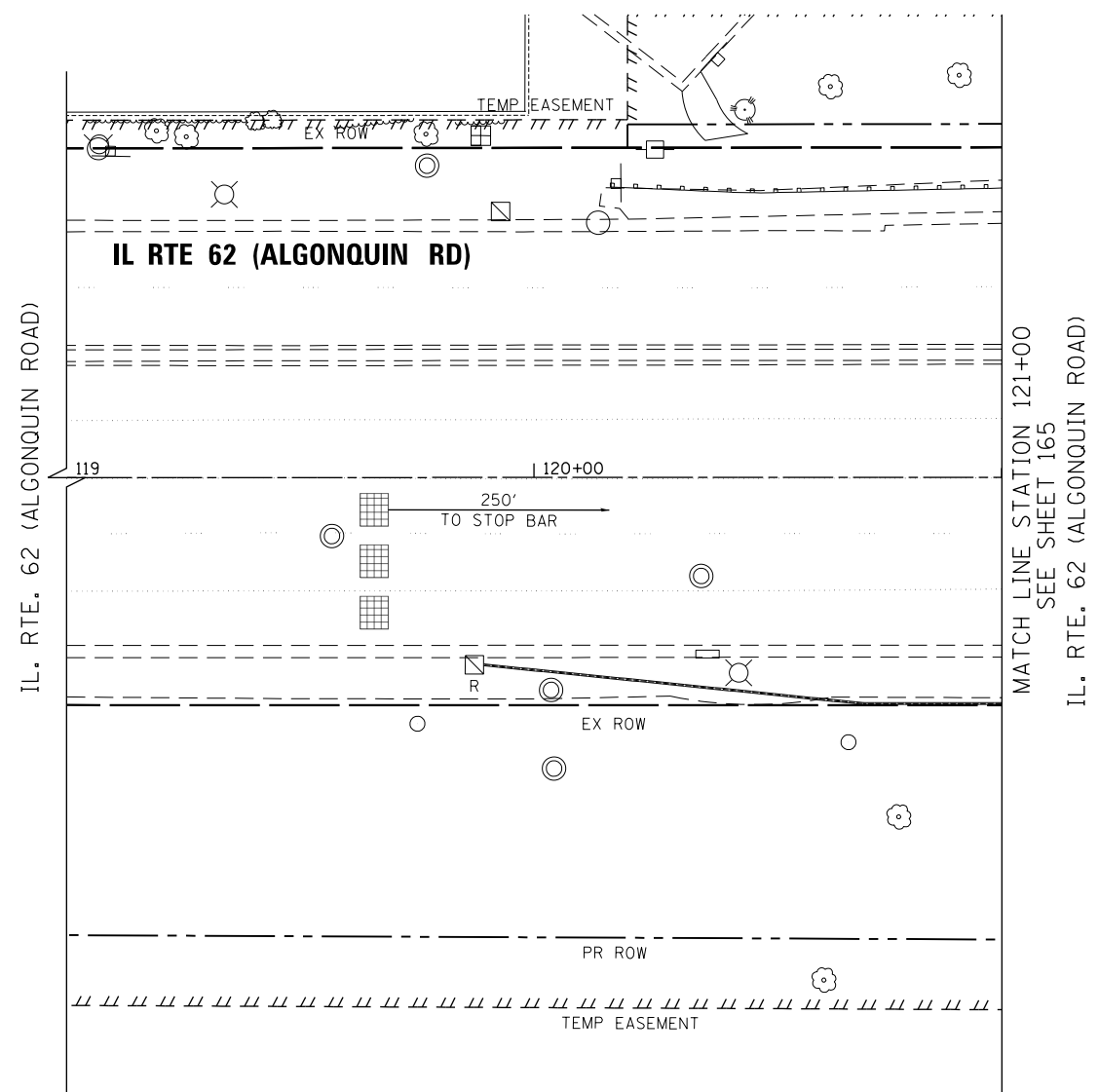
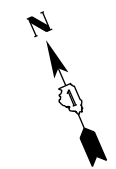
REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN (SHEET 1 OF 3)**
 SCALE: 1"=20' SHEET 18 OF 52 SHEETS STA. 120+00 TO STA. 125+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0339	16-00068-00-WR	COOK	301	165
CONTRACT NO. 61G20				
ILLINOIS		FED. AID PROJECT		

**TS 14780
ECON 96**



TS 14780
ECON 96

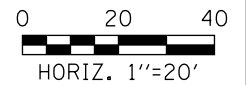
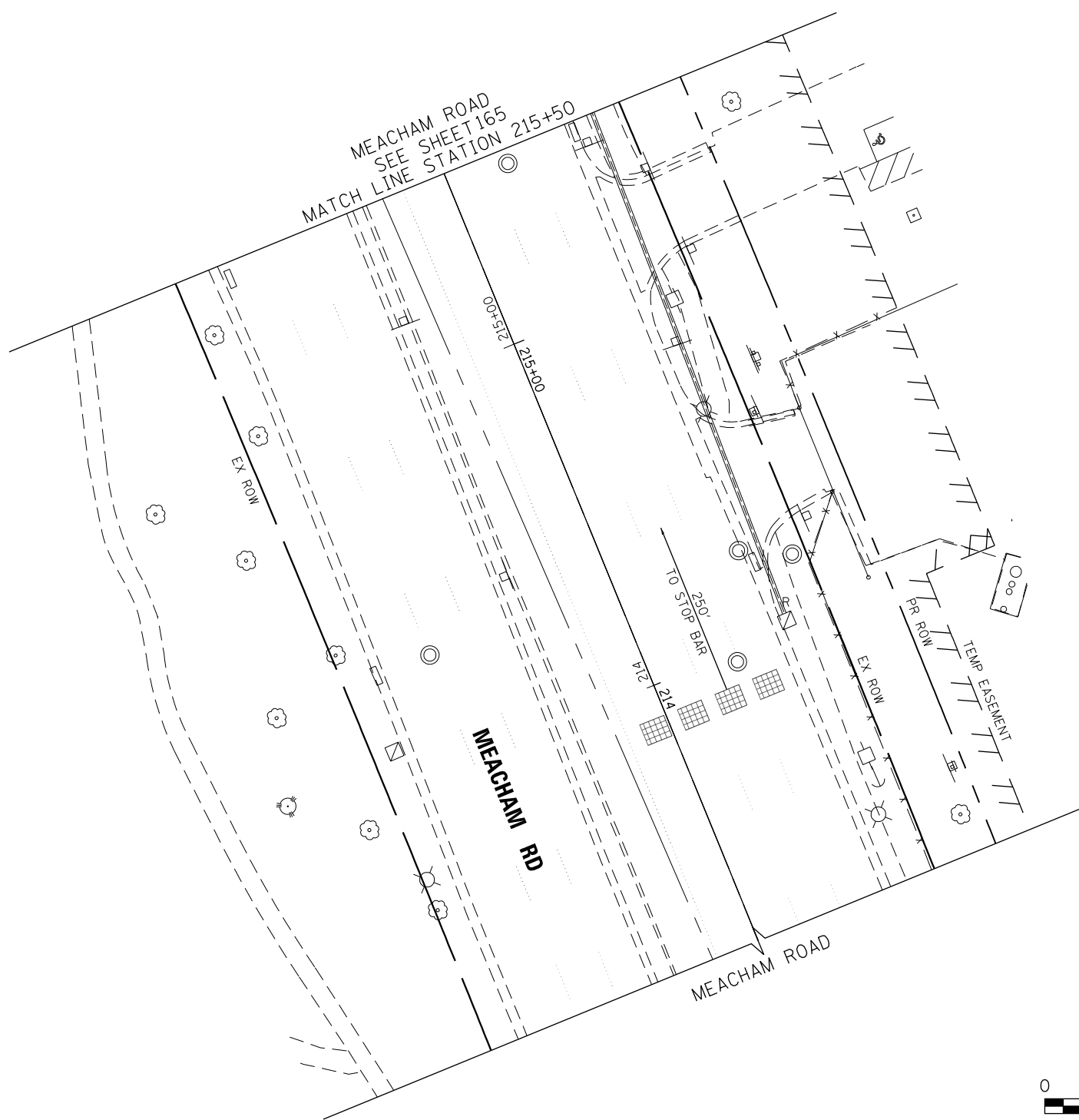
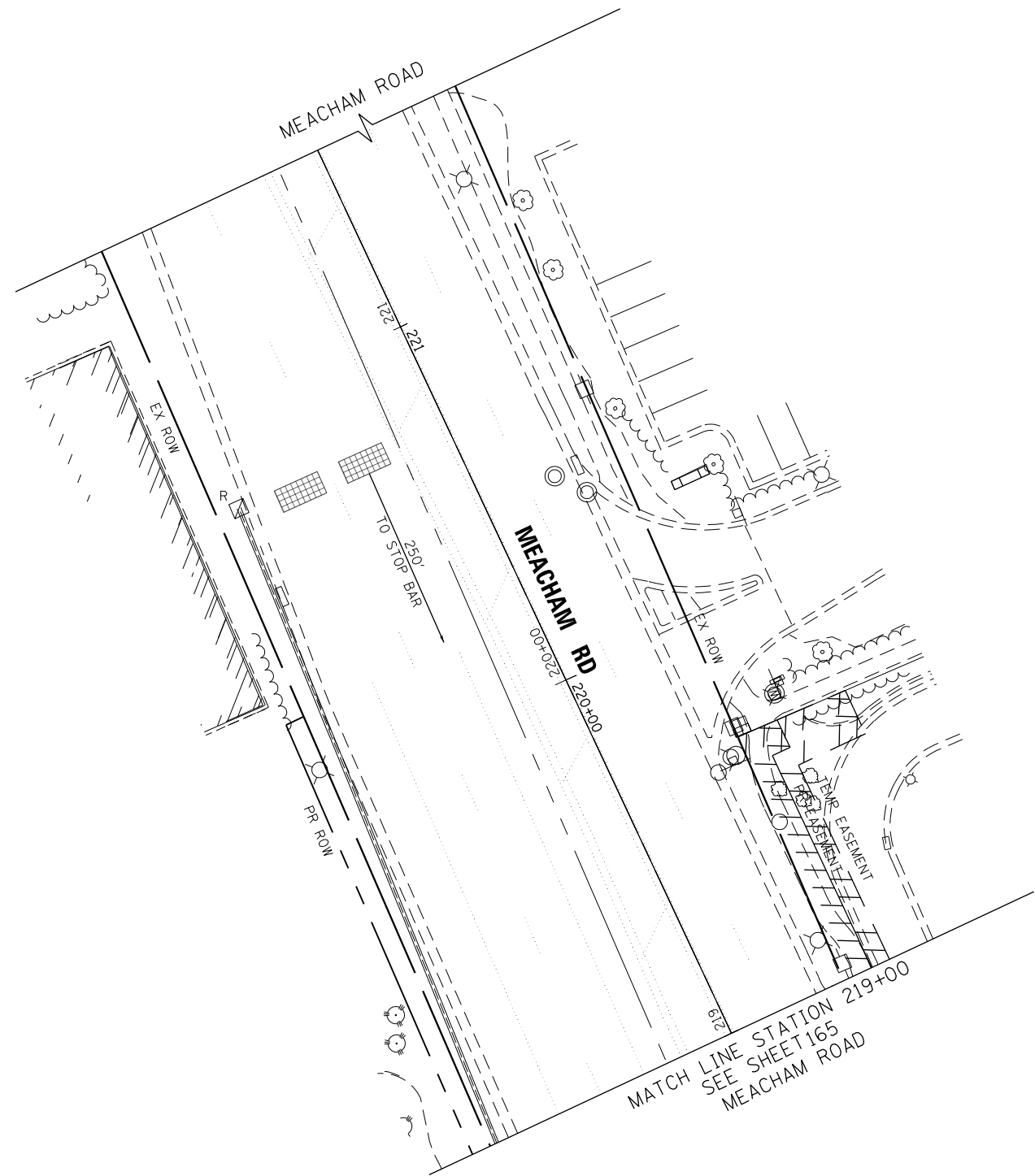
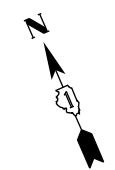
FILE NAME 50101-TS-202.dgn	USER NAME: Mibeening	DESIGNED - CEC	REVISED -
Default	PLOT SCALE: 40.0000' / in.	DRAWN - CEC	REVISED -
	PLOT DATE: 4/2/2020	CHECKED - DWB	REVISED -
		DATE - 4/2/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN (SHEET 2 OF 3)

SCALE: 1"=20' SHEET 19 OF 52 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0339	16-00068-00-WR	COOK	301	166
				CONTRACT NO. 61G20
		ILLINOIS	FED. AID PROJECT	



TS 14780
ECON 96

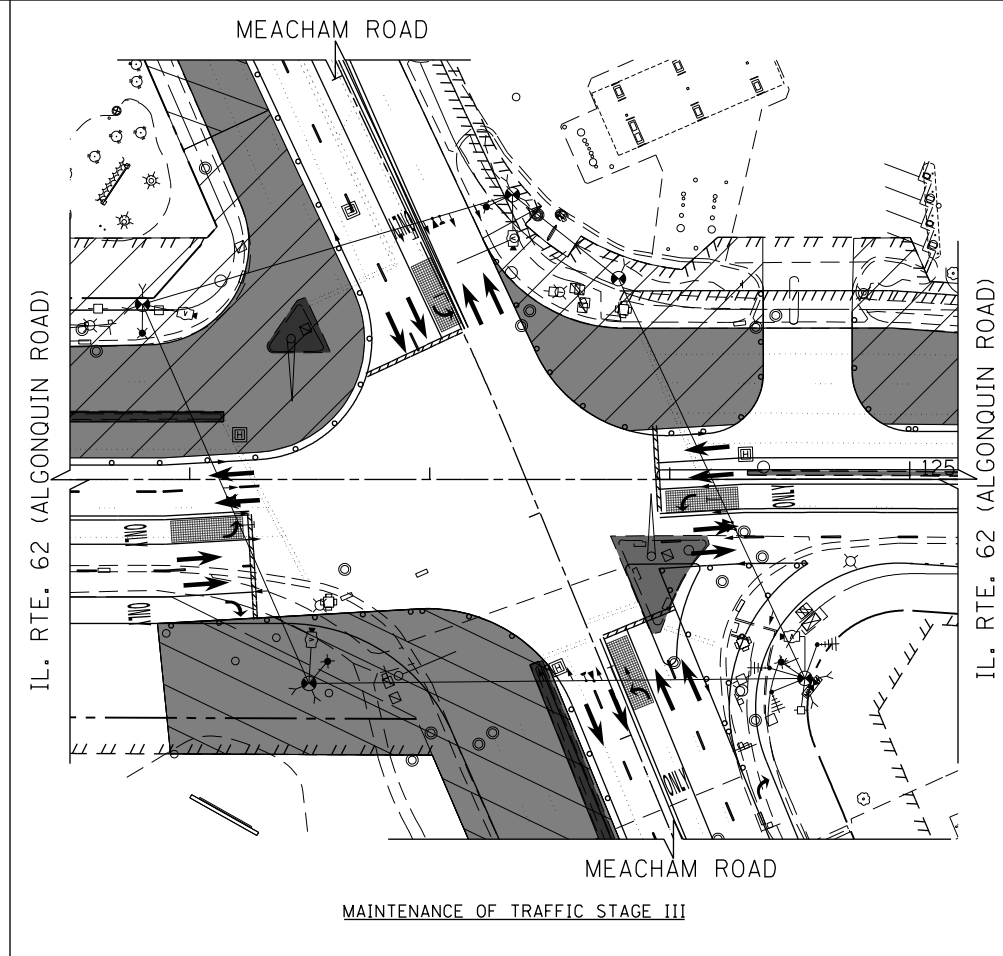
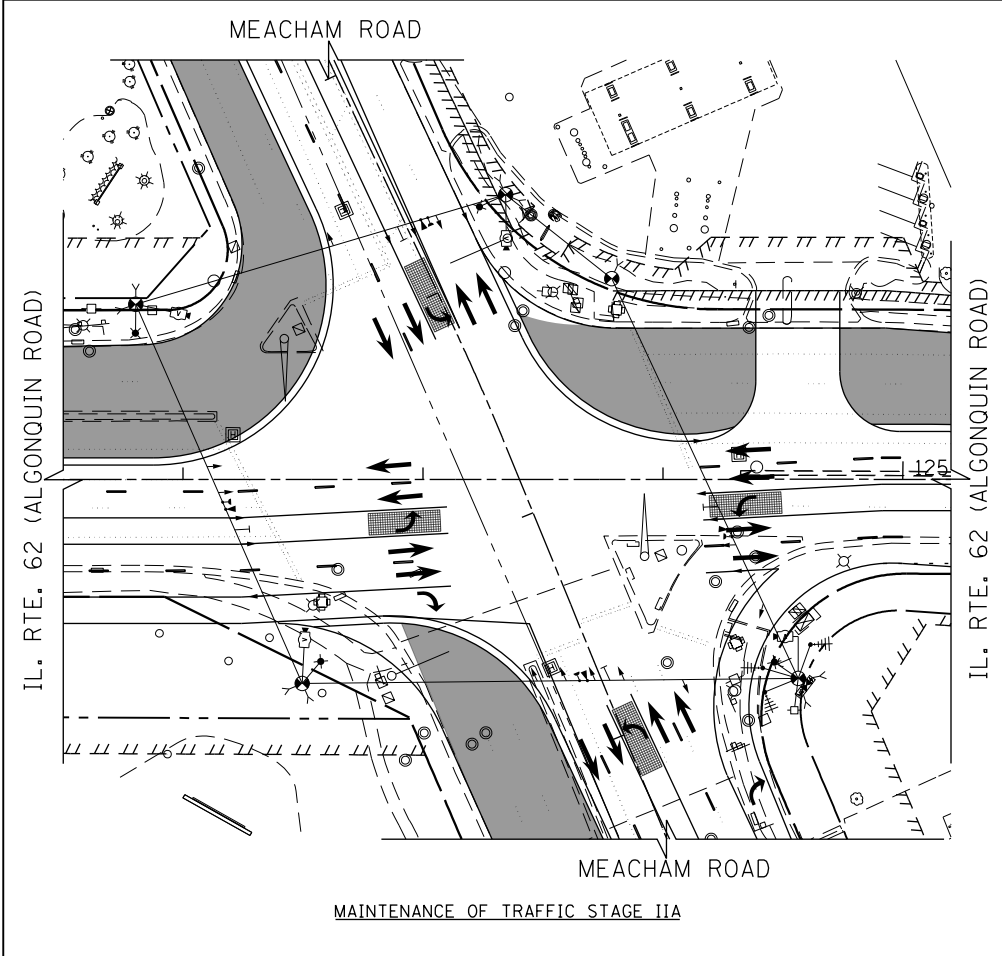
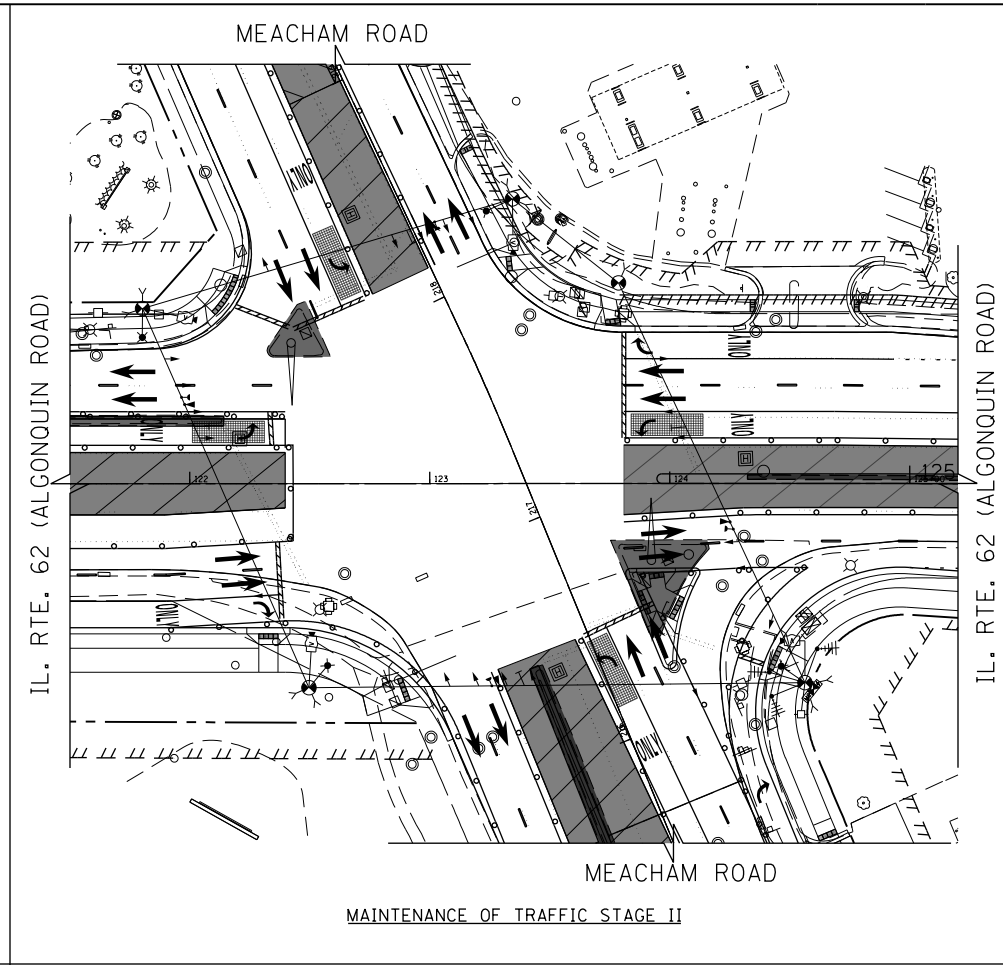
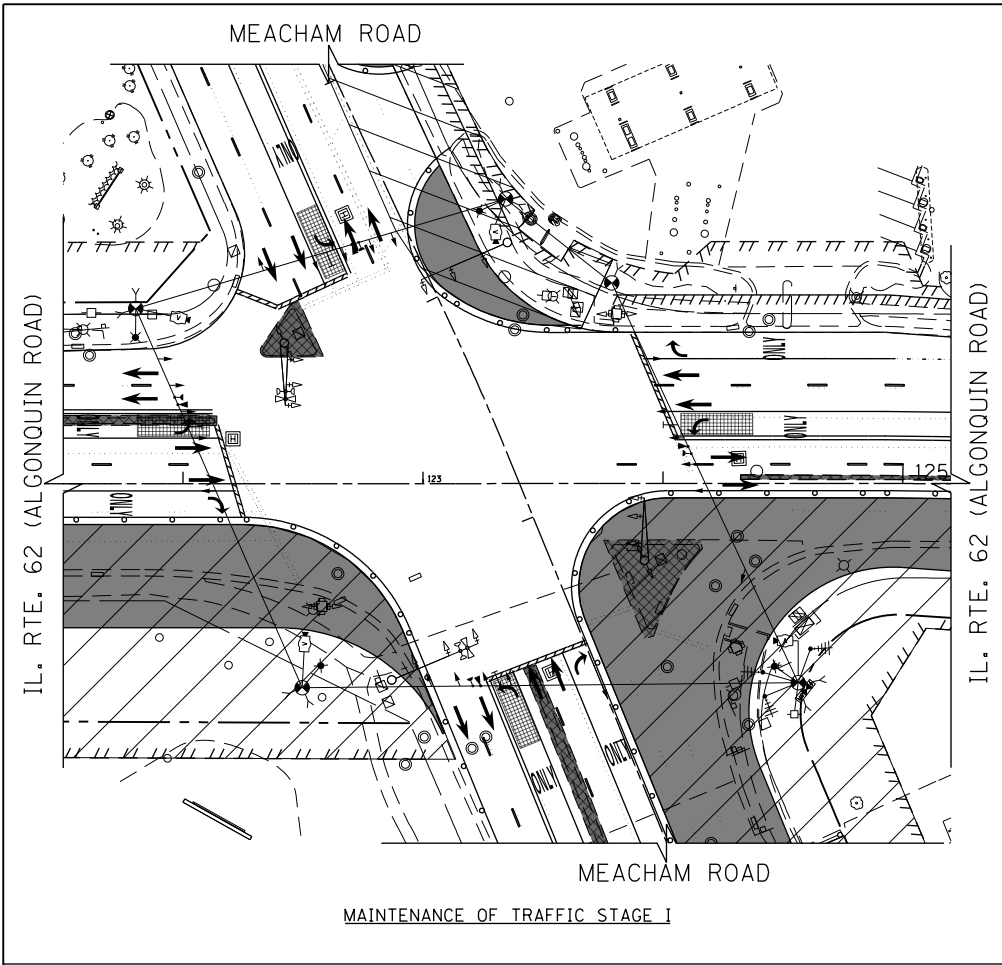
FILE NAME 50101-TS-203.dgn	USER NAME: Mibeening	DESIGNED - CEC	REVISED -
Default	PLOT SCALE: 40.0000' / in.	DRAWN - CEC	REVISED -
	PLOT DATE: 4/2/2020	CHECKED - DWB	REVISED -
		DATE - 4/2/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN (SHEET 3 OF 3)

SCALE: 1"=20' SHEET 20 OF 52 SHEETS STA. TO STA.

F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 167
CONTRACT NO. 61620				ILLINOIS FED. AID PROJECT

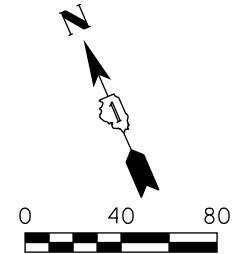


NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

PRIOR TO THE START OF ALL STAGES, SIGNAL HEADS TO BE RELOCATED AS SHOWN.

LEGEND

- CONSTRUCTION WORK ZONE
- COMPLETED PAVEMENT
- TEMPORARY PAVEMENT TO BE CONSTRUCTED PRE-STAGE
- TEMPORARY PAVEMENT TO BE CONSTRUCTED DURING OR AFTER STAGE I
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONODIRECTIONAL FLASHING LIGHT
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DIRECTION OF TRAFFIC FLOW



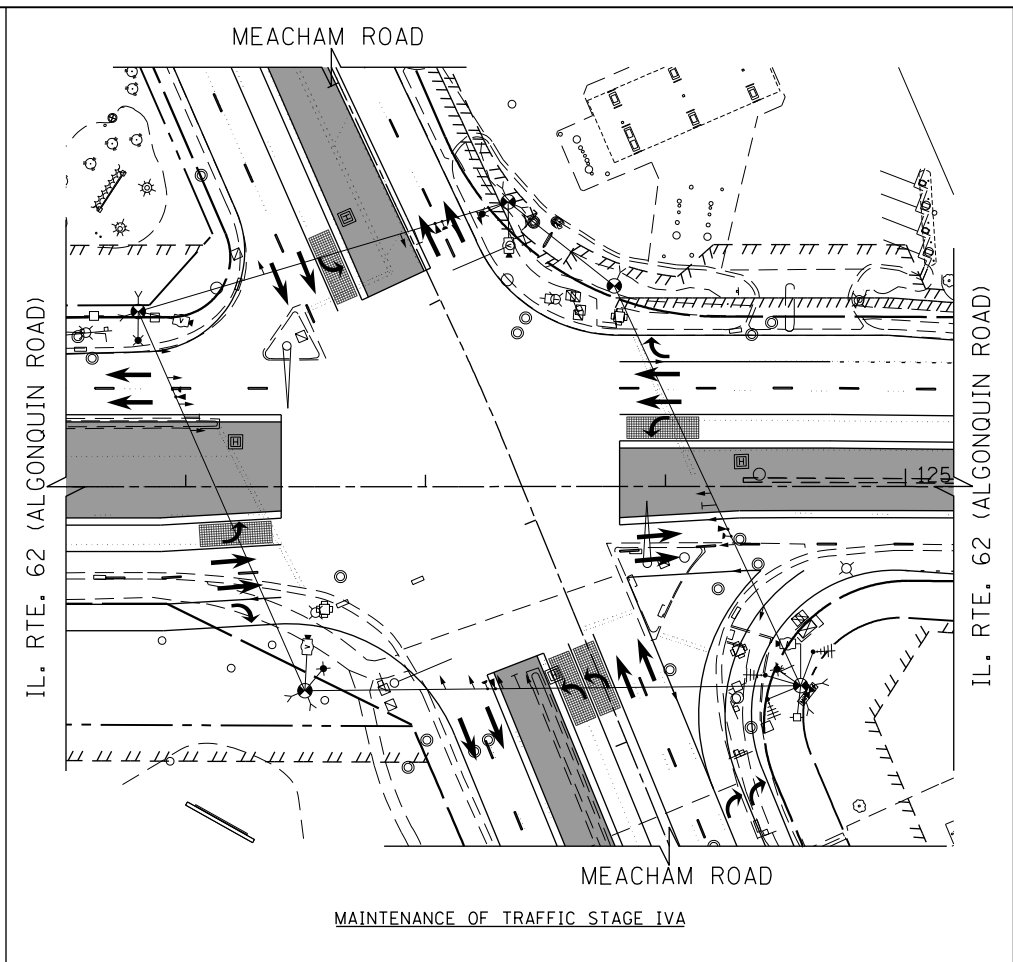
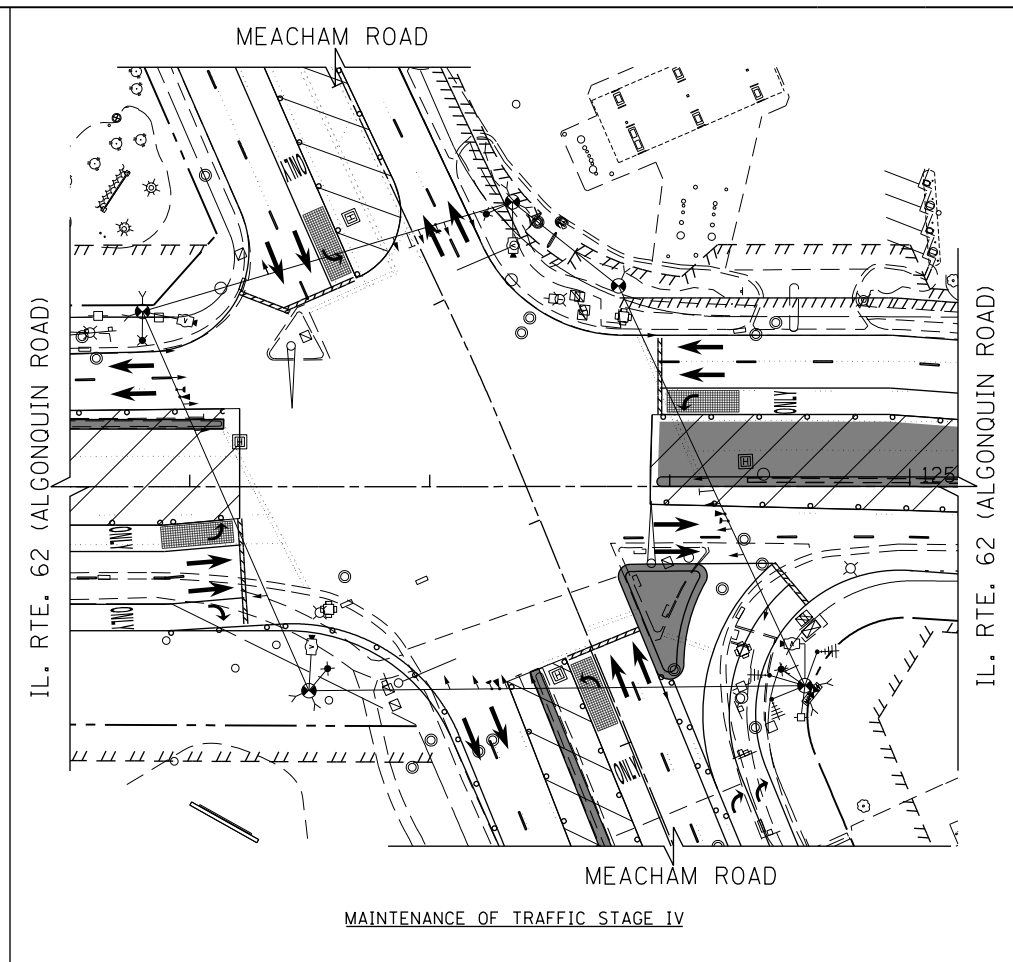
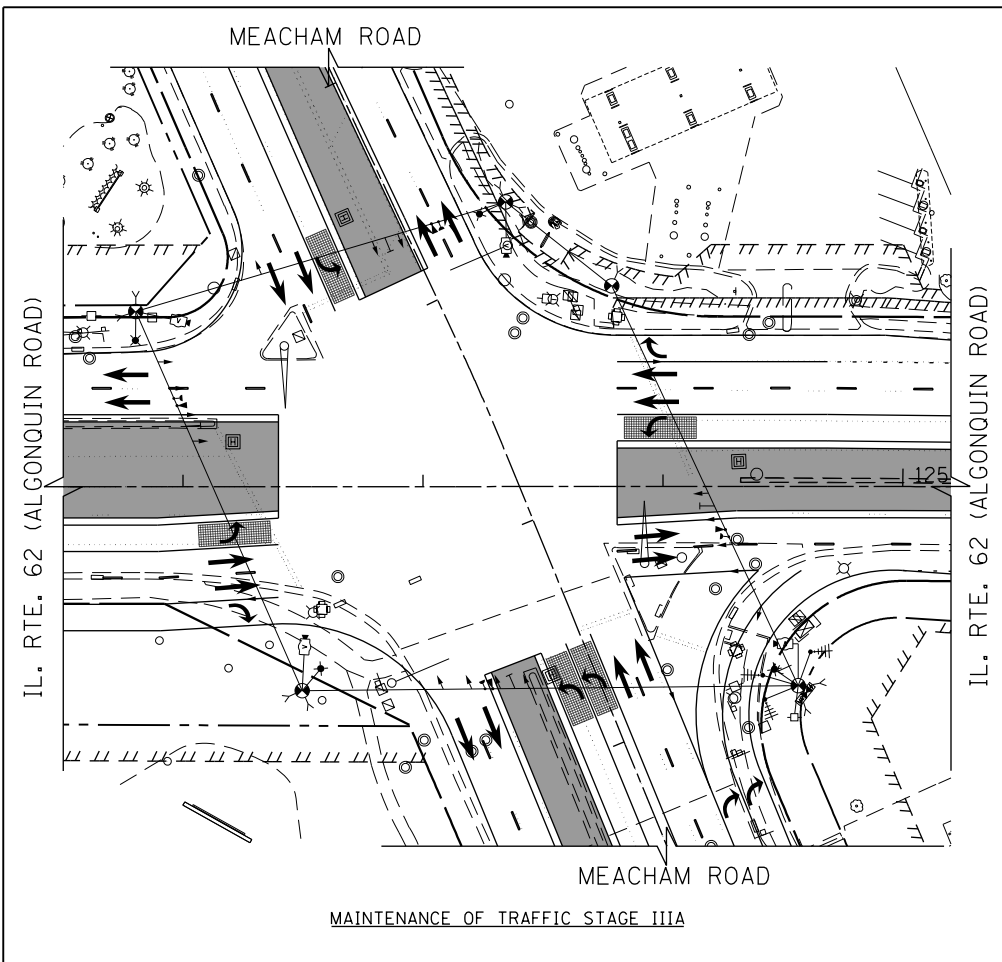
FILE NAME 50101-TS-211.dgn*	USER NAME= Mibeering	DESIGNED - CEC	REVISED -
Default	PLOT SCALE=80.0000' / in.	DRAWN - CEC	REVISED -
	PLOT DATE= 4/2/2020	CHECKED - DWB	REVISED -
		DATE - 4/2/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD
TEMPORARY TRAFFIC SIGNAL STAGING**

SCALE: N.T.S. SHEET 21 OF 52 SHEETS STA. 121+00 TO STA. 125+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0339	16-00068-00-WR	COOK	301	168
CONTRACT NO. 61G20				
ILLINOIS FED. AID PROJECT				

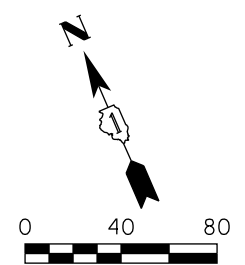


NOTE:
 THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

PRIOR TO THE START OF ALL STAGES, SIGNAL HEADS TO BE RELOCATED AS SHOWN.

LEGEND

- CONSTRUCTION WORK ZONE
- COMPLETED PAVEMENT
- TEMPORARY PAVEMENT TO BE CONSTRUCTED PRE-STAGE
- TEMPORARY PAVEMENT TO BE CONSTRUCTED DURING OR AFTER STAGE 1
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONODIRECTIONAL FLASHING LIGHT
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DIRECTION OF TRAFFIC FLOW



FILE NAME 50101-TS-212.dgn*	USER NAME= Mibeening	DESIGNED - CEC	REVISED -
Default	PLOT SCALE=80.0000' / in.	DRAWN - CEC	REVISED -
	PLOT DATE= 4/2/2020	CHECKED - DWB	REVISED -
		DATE - 4/2/2020	REVISED -

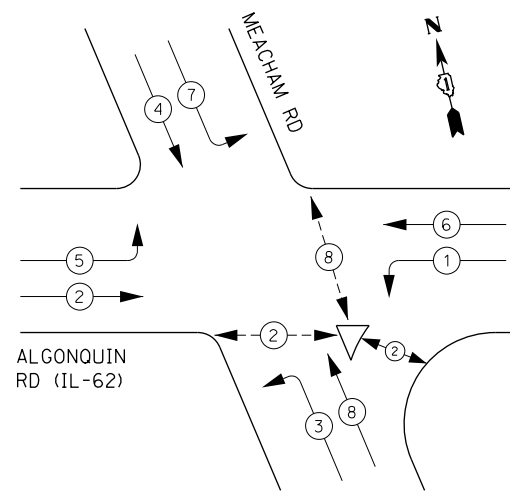
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD
 TEMPORARY TRAFFIC SIGNAL STAGING**

SCALE: N.T.S. SHEET 22 OF 52 SHEETS STA. 121+00 TO STA. 125+00

F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 169
CONTRACT NO. 61G20				ILLINOIS FED. AID PROJECT

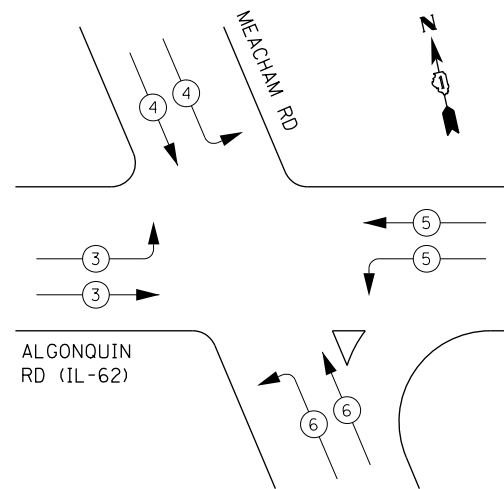
TEMPORARY CONTROLLER SEQUENCE



LEGEND:

- ← (⊙) ← PROTECTED PHASE
- ← (⊙) ← PROTECTED/PERMITTED PHASE
- ← (⊙) ← PEDESTRIAN PHASE
- ← (⊙) ← OL OVERLAP

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

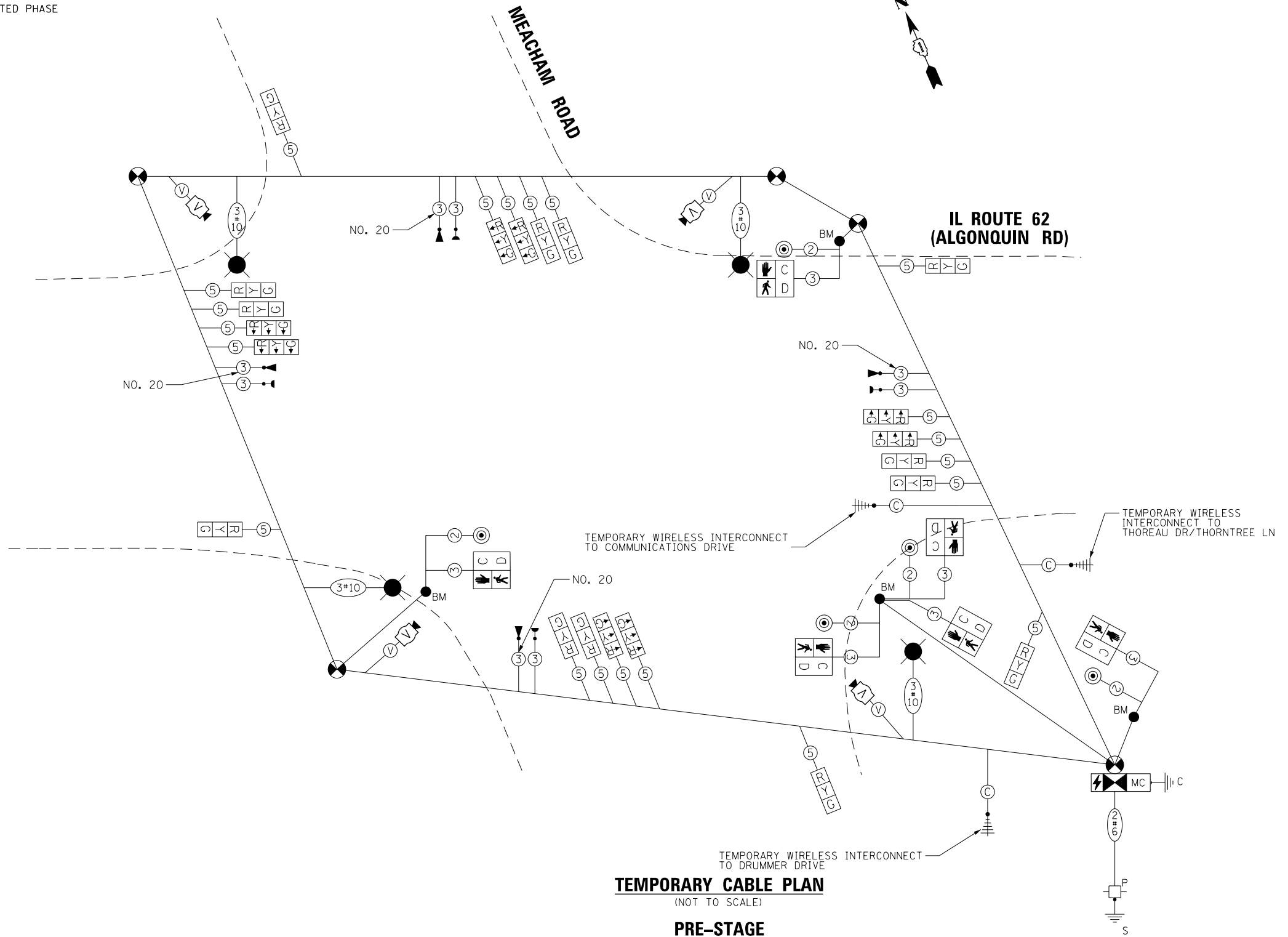
TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	21	11	50	115.5
(YELLOW)	21	20	5	21.0
(GREEN)	21	12	45	113.4
PERMISSIVE ARROW	-	10	10	--
PED. SIGNAL	6	20	100	120.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	--
FLASHER	-	-	50	--
STREET NAME SIGN	-	120	50	--
LUMINAIRE	4	285	50	570.0
			TOTAL =	1214.9

ENERGY COSTS TO:

VILLAGE OF SCHAUMBURG
101 SCHAUMBURG COURT
SCHAUMBURG, ILLINOIS 60193-1899

ENERGY SUPPLY: CONTACT: _____
PHONE: _____
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: _____

FILE NAME 50101-TS-221.dgn	USER NAME: Mibeening	DESIGNED - CEC	REVISED -
Default	PLOT SCALE: 40.0000' / in.	DRAWN - CEC	REVISED -
	PLOT DATE: 4/2/2020	CHECKED - DWB	REVISED -
		DATE - 4/2/2020	REVISED -



TEMPORARY CABLE PLAN
(NOT TO SCALE)
PRE-STAGE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

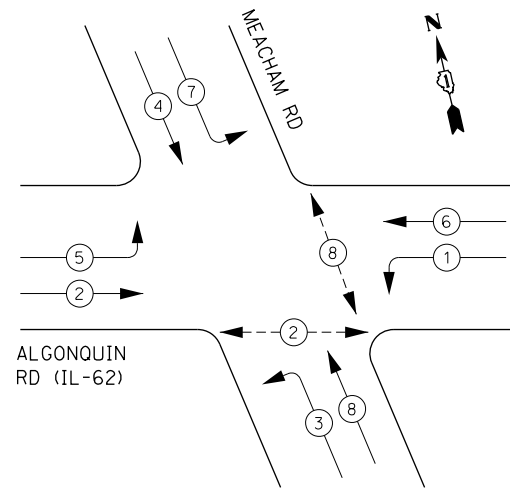
IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD
TEMPORARY CABLE PLAN AND PHASE DESIGNATION DIAGRAM
PRE-STAGE

SCALE: N.T.S. SHEET 23 OF 52 SHEETS STA. 120+50 TO STA. 126+25

F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 170
				CONTRACT NO. 61G20
		ILLINOIS FED. AID PROJECT		

TS 14780
ECON 96

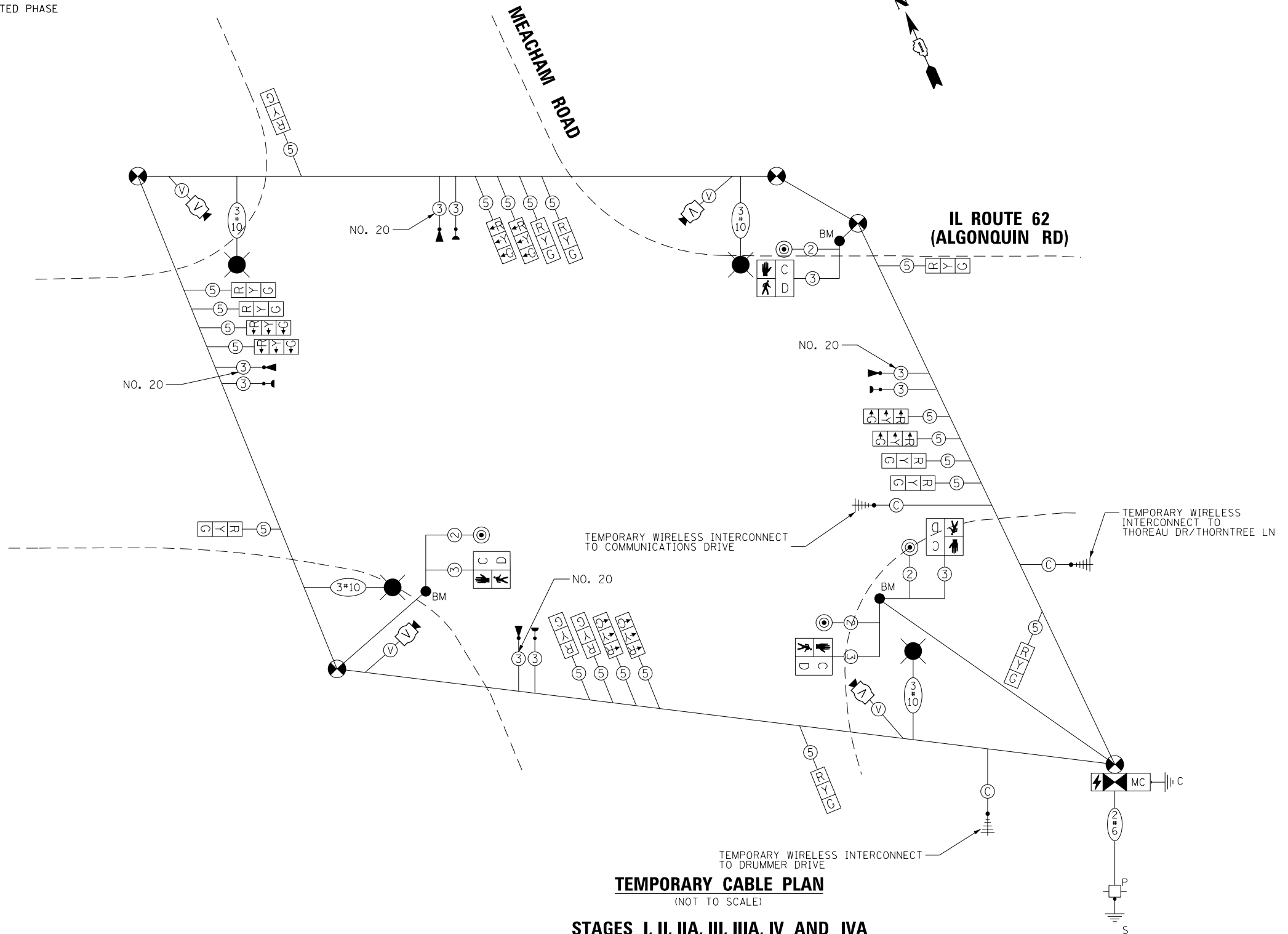
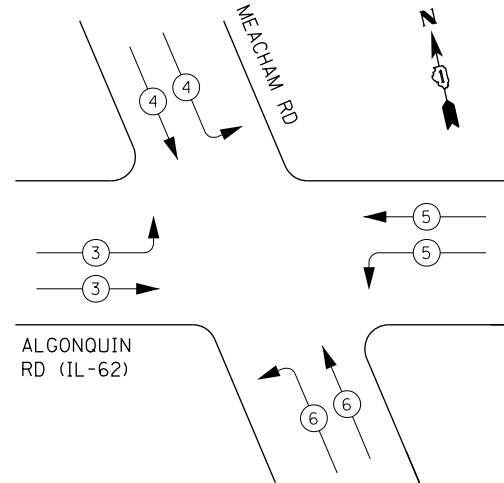
TEMPORARY CONTROLLER SEQUENCE



LEGEND:

- ←(*) PROTECTED PHASE
- ←(-*) PROTECTED/PERMITTED PHASE
- ←(P) PEDESTRIAN PHASE
- ←(OL) OVERLAP

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



TEMPORARY CABLE PLAN

(NOT TO SCALE)

STAGES I, II, IIA, III, IIIA, IV AND IVA

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	21	11	50	115.5
(YELLOW)	21	20	5	21.0
(GREEN)	21	12	45	113.4
PERMISSIVE ARROW	-	10	10	--
PED. SIGNAL	4	20	100	80.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	--
FLASHER	-	-	50	--
STREET NAME SIGN	-	120	50	--
LUMINAIRE	4	285	50	570.0
TOTAL =				1174.9

ENERGY COSTS TO:

VILLAGE OF SCHAUMBURG
101 SCHAUMBURG COURT
SCHAUMBURG, ILLINOIS 60193-1899

ENERGY SUPPLY: CONTACT: _____
PHONE: _____
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: _____

FILE NAME 50101-TS-222.dgn	USER NAME: Mibeening	DESIGNED - CEC	REVISED -
Default	PLOT SCALE: 40.0000' / in.	DRAWN - CEC	REVISED -
	PLOT DATE: 4/2/2020	CHECKED - DWB	REVISED -
		DATE - 4/2/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD
TEMPORARY CABLE PLAN AND PHASE DESIGNATION DIAGRAM
MOT STAGES I, II, IIA, III, IIIA, IV AND IVA

SCALE: N.T.S. SHEET 24 OF 52 SHEETS STA. 120+50 TO STA. 126+25

F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 171
CONTRACT NO. 61G20				
ILLINOIS FED. AID PROJECT				

TS 14780
ECON 96

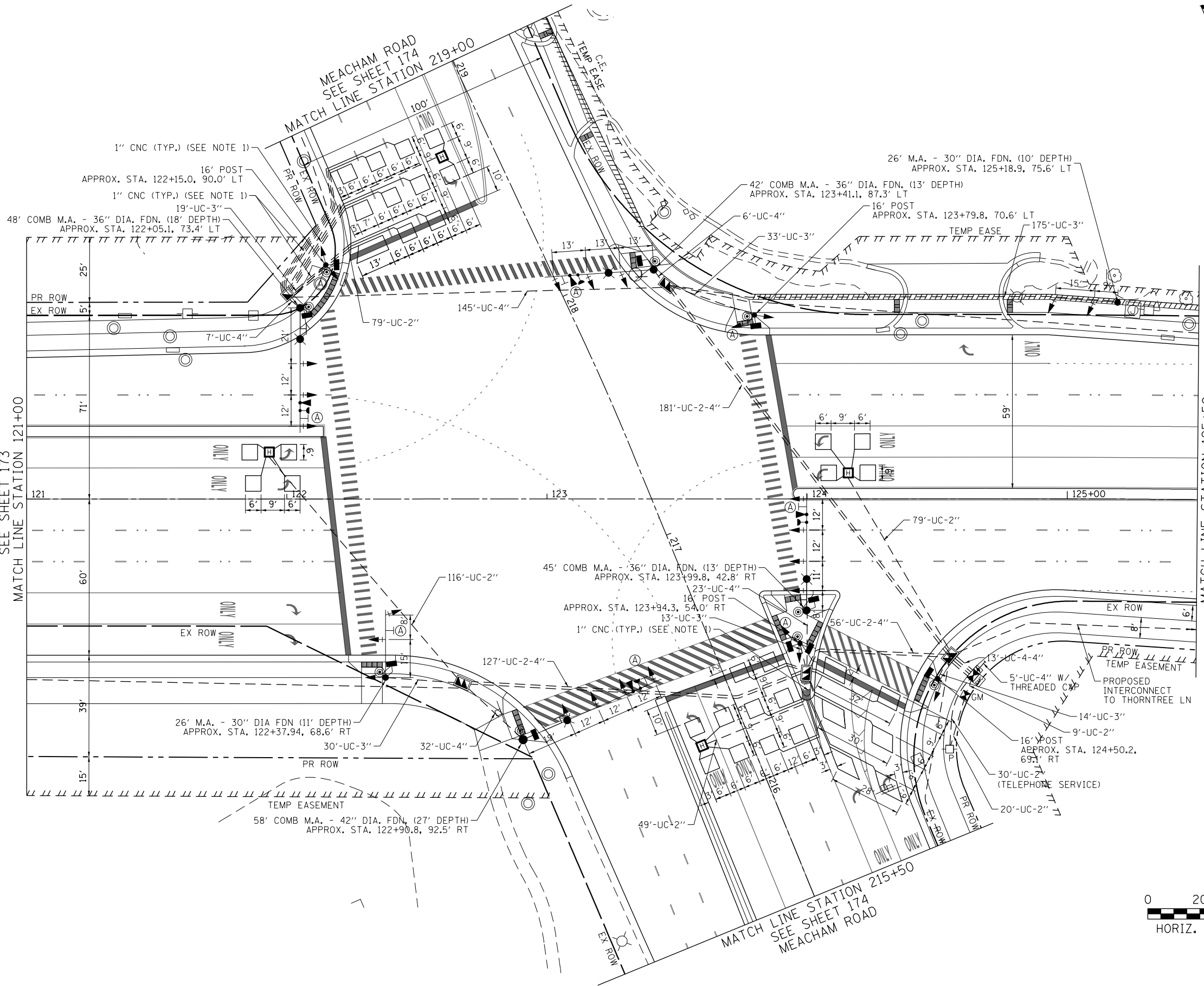


**LEFT ON GREEN
ARROW ONLY**

R10-5
30"X36"
SIGN PANEL TYPE 1
(8 REQUIRED)
A

IL. RTE. 62 (ALGONQUIN ROAD)
MATCH LINE STATION 121+00

MATCH LINE STATION 125+50
IL. RTE. 62 (ALGONQUIN ROAD)



NOTES:

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.



FILE NAME 50101-TS-251.dgn	USER NAME: Mibeening	DESIGNED - CEC	REVISED -
		DRAWN - CEC	REVISED -
		CHECKED - DWB	REVISED -
		DATE - 4/2/2020	REVISED -

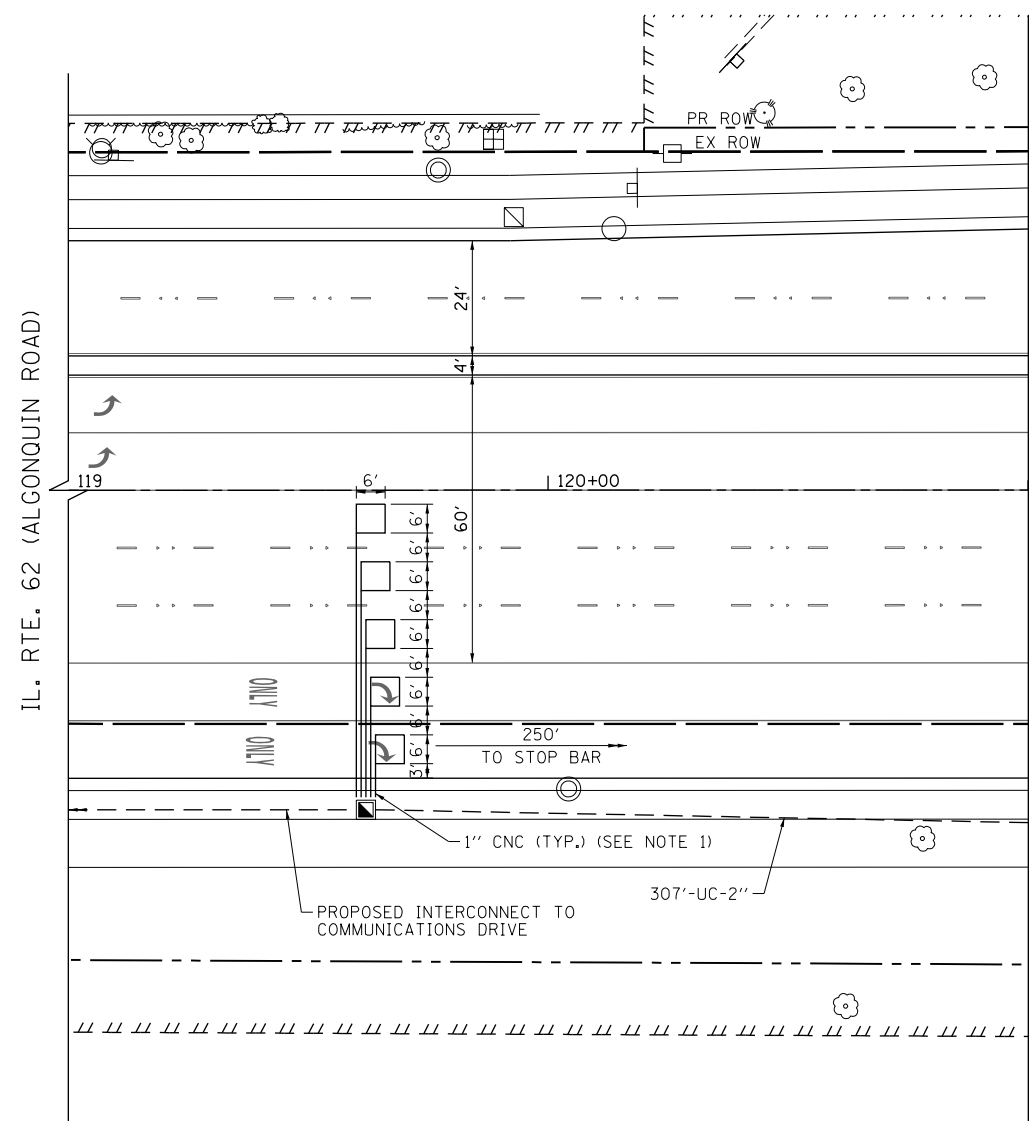
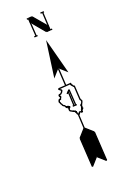
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD
TRAFFIC SIGNAL MODERNIZATION PLAN (SHEET 1 OF 3)**

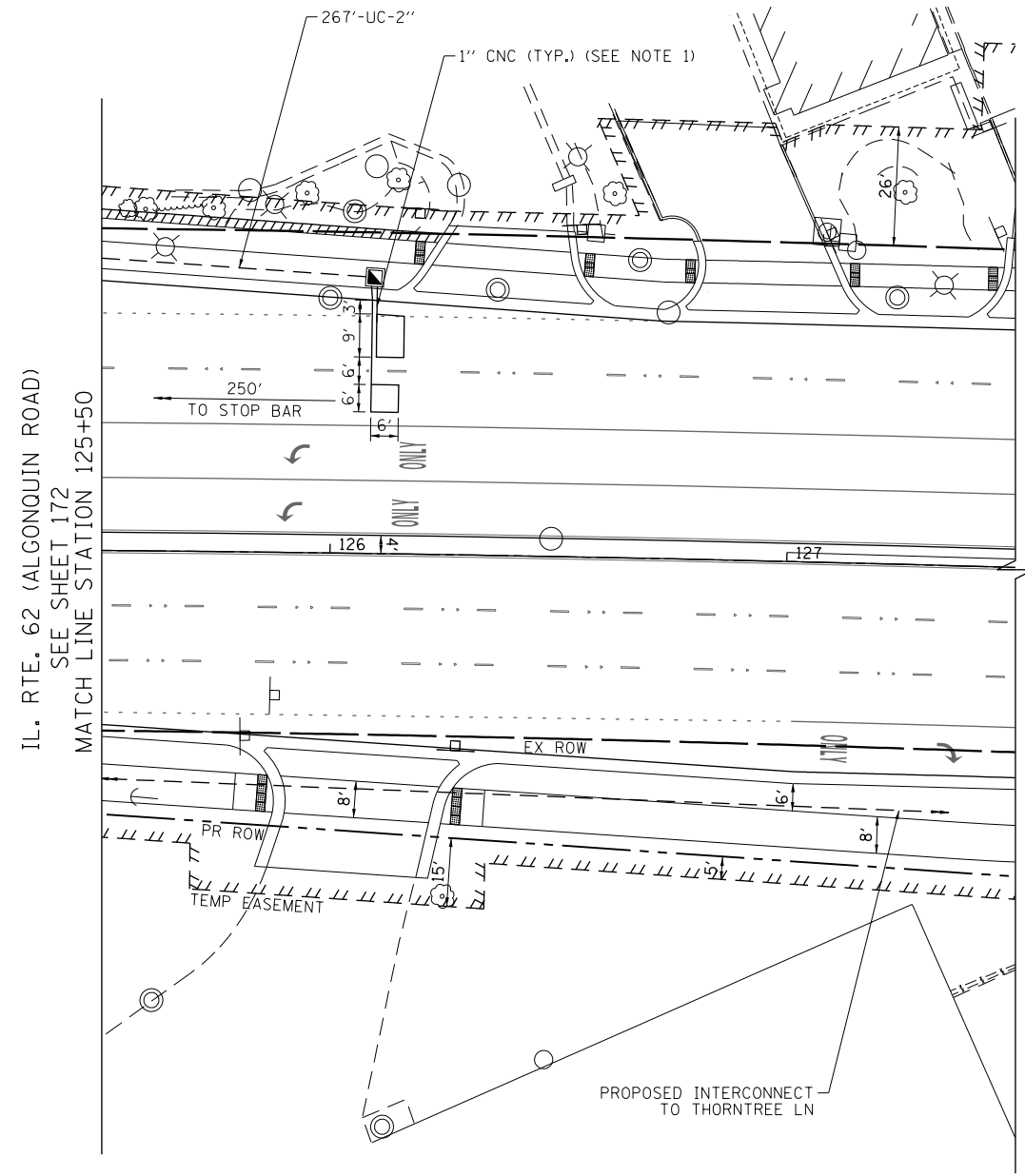
SCALE: 1"=20' SHEET 25 OF 52 SHEETS STA. 121+00 TO STA. 125+50

F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 172
CONTRACT NO. 61620				
ILLINOIS FED. AID PROJECT				

**TS 14780
ECON 96**



MATCH LINE STATION 121+00
SEE SHEET 172
IL. RTE. 62 (ALGONQUIN ROAD)



IL. RTE. 62 (ALGONQUIN ROAD)
SEE SHEET 172
MATCH LINE STATION 125+50

IL. RTE. 62 (ALGONQUIN ROAD)

NOTES:

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.



FILE NAME 50101-TS-252.dgn	USER NAME: Mibeening	DESIGNED - CEC	REVISED -
Default	PLOT SCALE: 40.0000' / in.	DRAWN - CEC	REVISED -
	PLOT DATE: 4/2/2020	CHECKED - DWB	REVISED -
		DATE - 4/2/2020	REVISED -

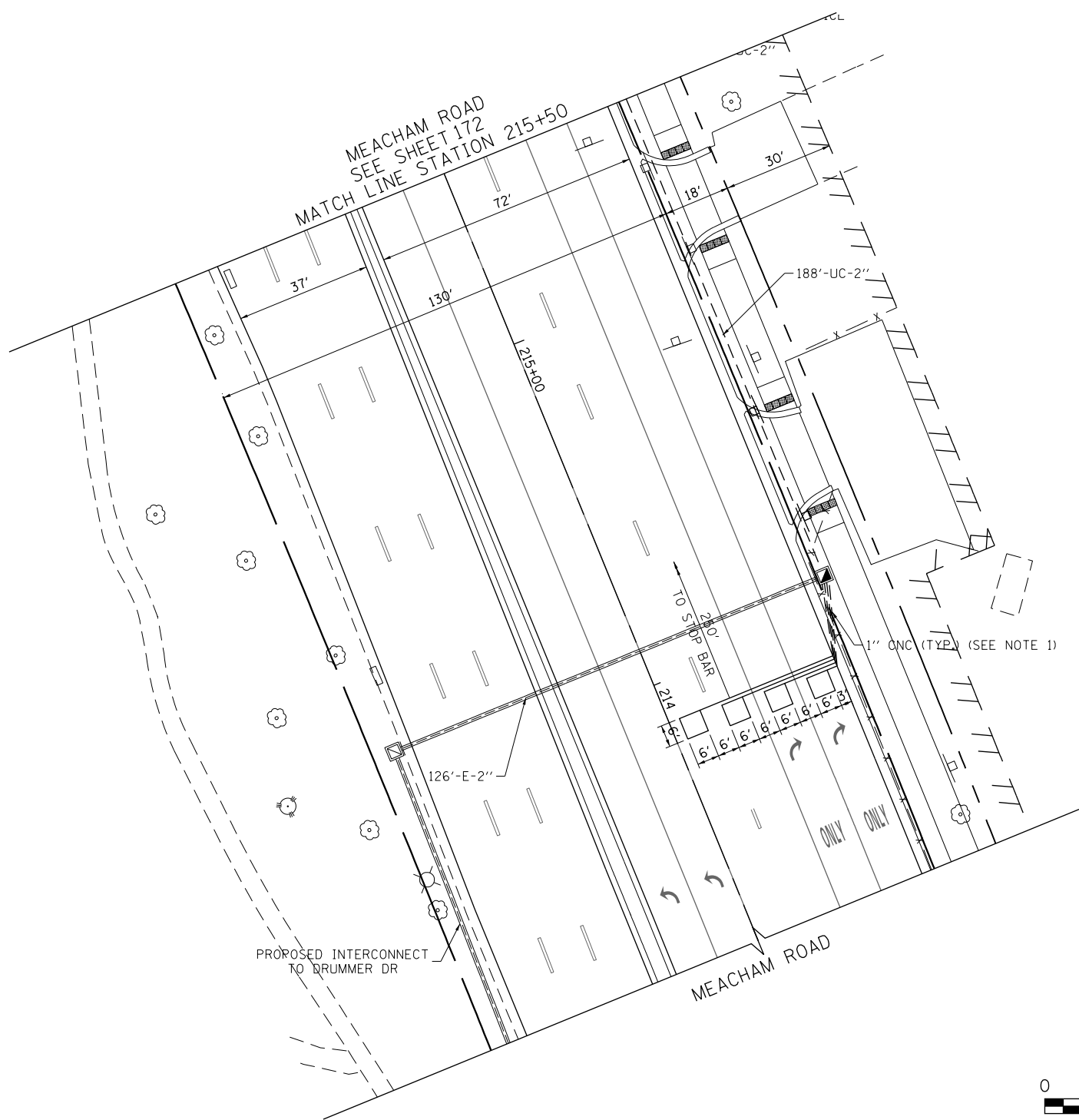
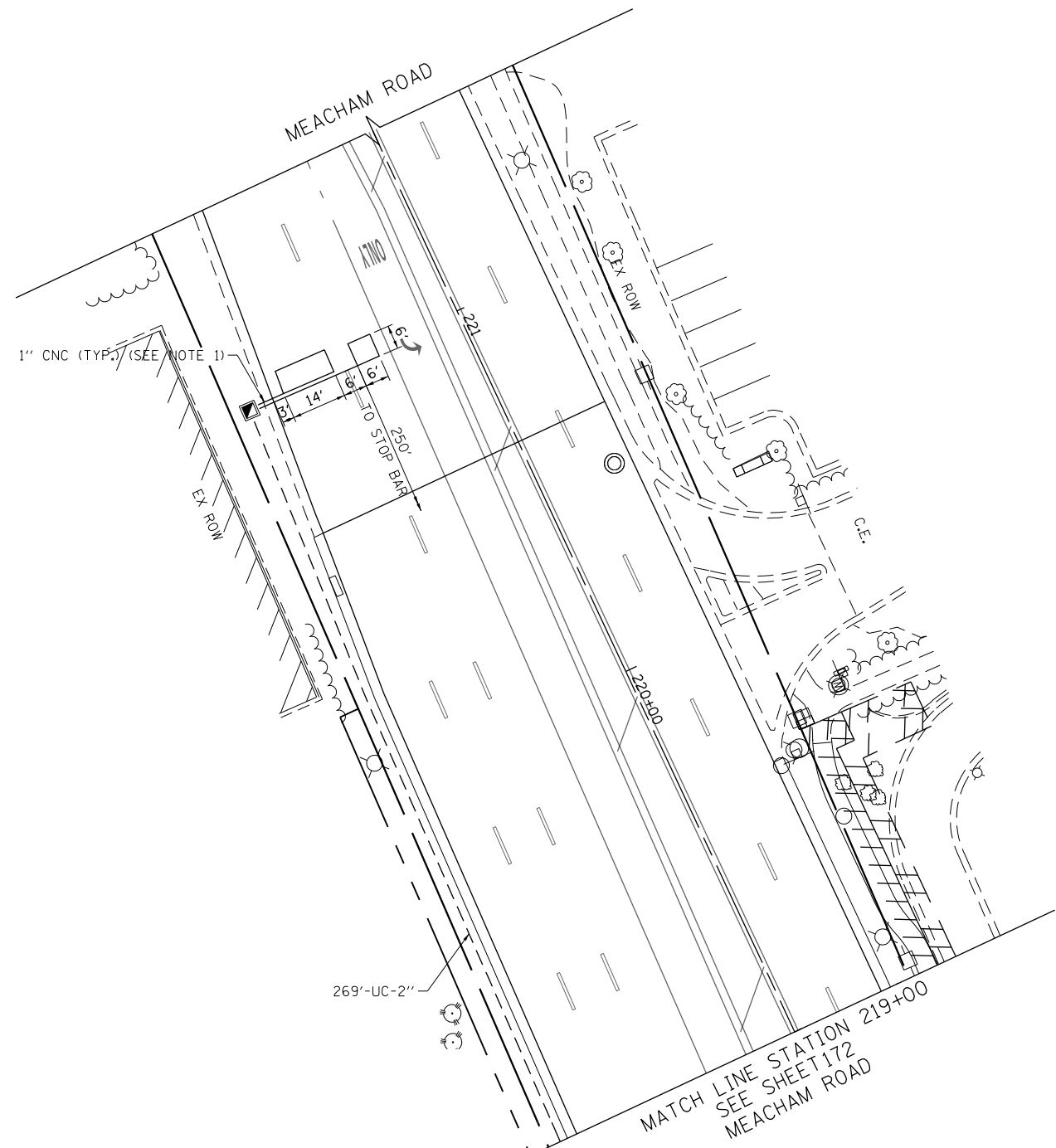
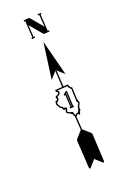
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD
TRAFFIC SIGNAL MODERNIZATION PLAN (SHEET 2 OF 3)**

SCALE: 1"=20' SHEET 26 OF 52 SHEETS STA. TO STA.

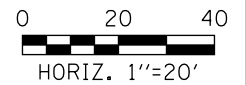
F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 173
CONTRACT NO. 61G20				
ILLINOIS FED. AID PROJECT				

**TS 14780
ECON 96**



NOTES:

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.



TS 14780
ECON 96

FILE NAME 50101-TS-253.dgn	USER NAME: Mibeening	DESIGNED - CEC	REVISED -
Default	PLOT SCALE: 40.0000' / in.	DRAWN - CEC	REVISED -
	PLOT DATE: 4/2/2020	CHECKED - DWB	REVISED -
		DATE - 4/2/2020	REVISED -

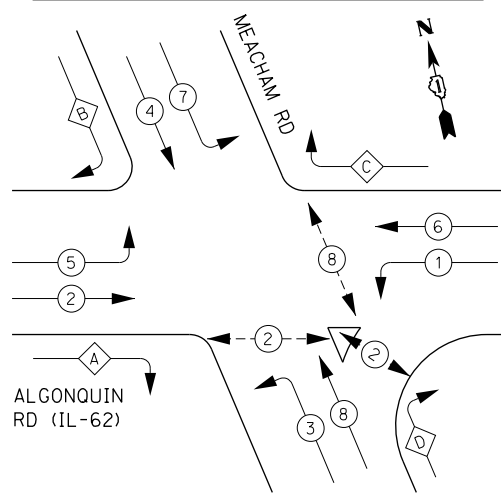
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD
TRAFFIC SIGNAL MODERNIZATION PLAN (SHEET 3 OF 3)

SCALE: 1"=20' SHEET 27 OF 52 SHEETS STA. TO STA.

F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 174
			CONTRACT NO. 61620	
		ILLINOIS FED. AID PROJECT		

EXISTING CONTROLLER SEQUENCE



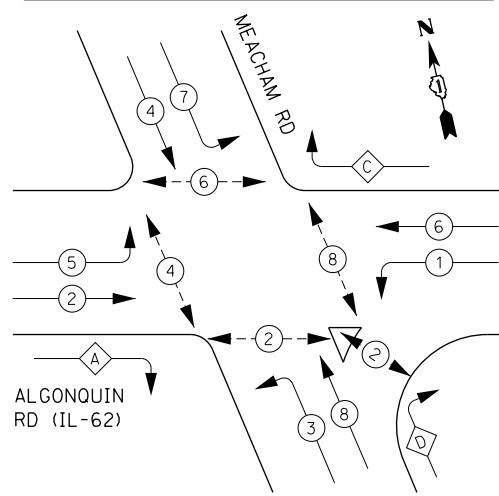
RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 2 + 3	
B	= 4 + 5	
C	= 6 + 7	
D	= 8 + 1	

LEGEND:

- ←*→ PROTECTED PHASE
- ←*-- PROTECTED/PERMITTED PHASE
- ←*→ PEDESTRIAN PHASE
- ▲ OL OVERLAP

PROPOSED CONTROLLER SEQUENCE

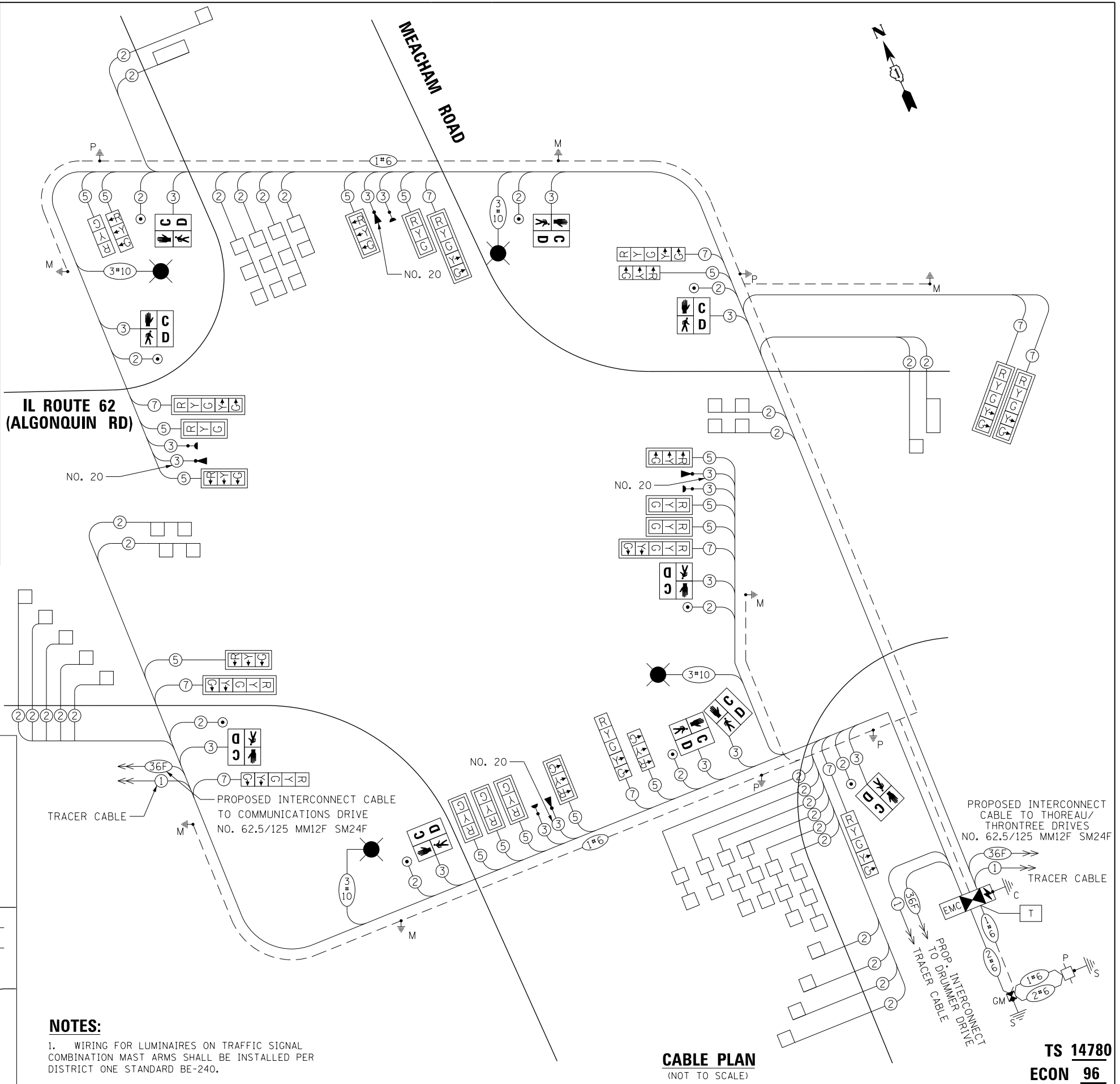


RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 2 + 3	
C	= 6 + 7	
D	= 8 + 1	

LEGEND:

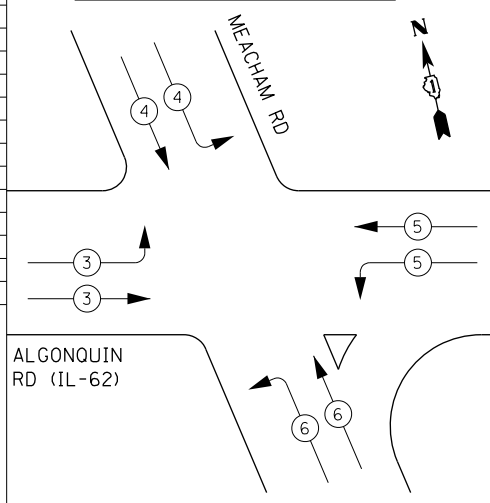
- ←*→ PROTECTED PHASE
- ←*-- PROTECTED/PERMITTED PHASE
- ←*→ PEDESTRIAN PHASE
- ▲ OL OVERLAP



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	26	11	50	143.0
(YELLOW)	26	20	5	26.0
(GREEN)	26	12	45	140.4
PERMISSIVE ARROW	20	10	10	20.0
PED. SIGNAL	10	20	100	200.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	--
BLANK-OUT SIGN	-	25	5	--
FLASHER	-	-	50	--
STREET NAME SIGN	-	120	50	--
LUMINAIRE	4	285	50	570.0
TOTAL =				1224.4

EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



NOTES:

1. WIRING FOR LUMINAIRE ON TRAFFIC SIGNAL COMBINATION MAST ARMS SHALL BE INSTALLED PER DISTRICT ONE STANDARD BE-240.

CABLE PLAN
(NOT TO SCALE)

PROPOSED INTERCONNECT CABLE TO THOREAU/THRONTREE DRIVES NO. 62.5/125 MM12F SM24F

TRACER CABLE

PROP. INTERCONNECT CABLE TO DRUMMER DRIVE

TS 14780
ECON 96

FILE NAME 50101-TS-271.dgn	USER NAME: Mibeening
Default	PLOT DATE: 4/2/2020

DESIGNED - CEC	REVISED -
DRAWN - CEC	REVISED -
CHECKED - DWB	REVISED -
DATE - 4/2/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD
CABLE PLAN, PHASE DESIGNATION DIAGRAM,
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE

SCALE: N.T.S. SHEET 28 OF 52 SHEETS STA. TO STA.

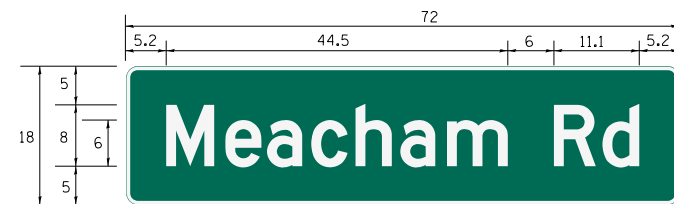
F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 175
CONTRACT NO. 61G20				
ILLINOIS FED. AID PROJECT				

SIGN PANEL – TYPE 1 OR TYPE 2

ALL DIMENSIONS ARE IN INCHES EXCEPT NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	15.00	2	ZZ	2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	9	1	ZZ	2

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGN DETAIL.

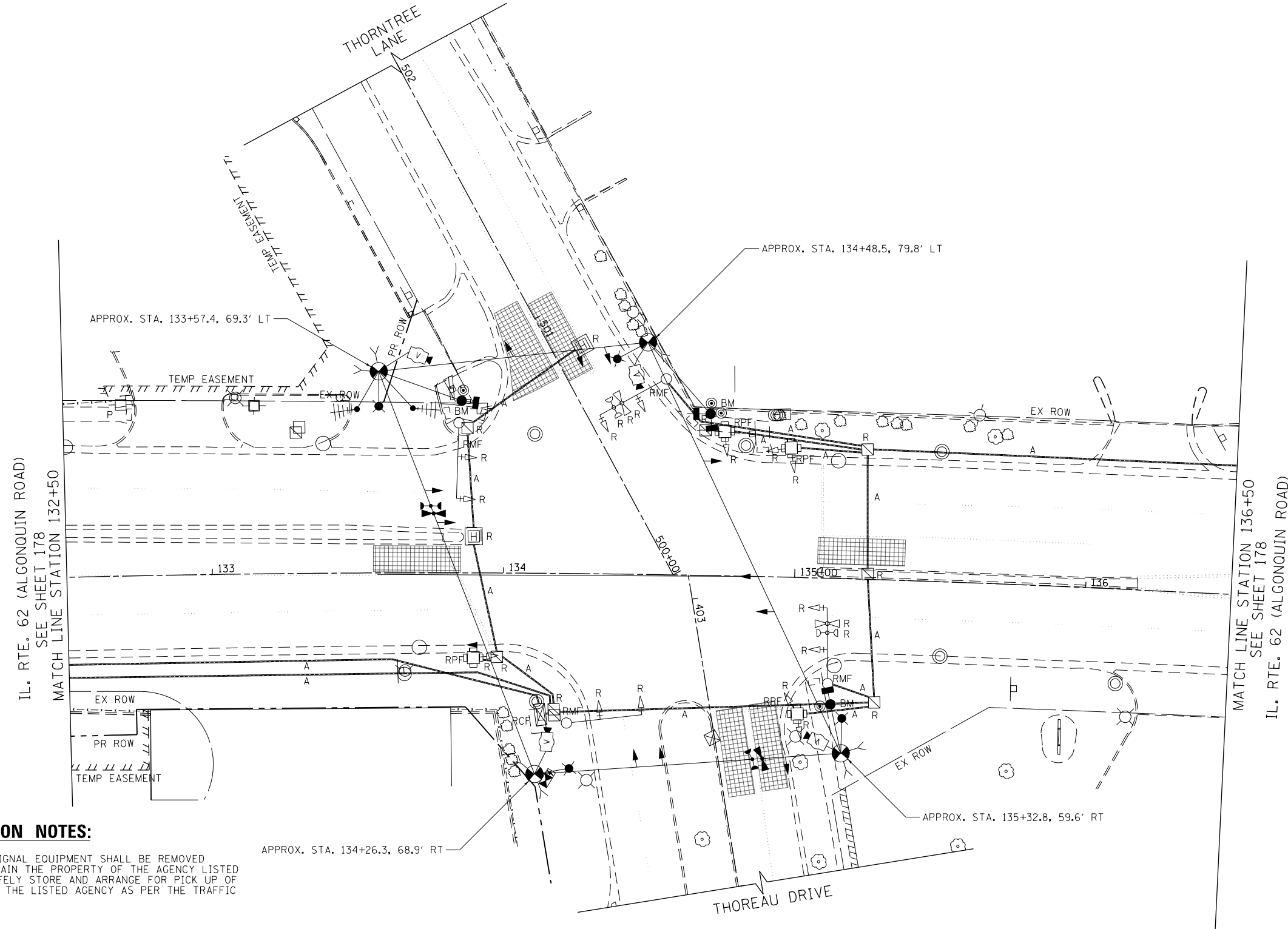
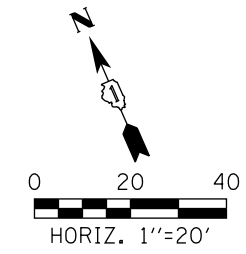
COMBINATION LIGHTING SCHEDULE OF QUANTITIES

PAY ITEM NAME	UNIT	QUANTITY
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	1,275
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	4
COMBINATION LIGHTING CONTROLLER	EACH	1

SCHEDULE OF QUANTITIES

PAY ITEM NAME	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SQ FT	78.00
SIGN PANEL - TYPE 2	SQ FT	30.00
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1,413
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	284
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	1,010
HANDHOLE	EACH	5
HEAVY-DUTY HANDHOLE	EACH	4
DOUBLE HANDHOLE	EACH	4
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2,201
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	3,672
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	4,930
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2,833
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	9,263
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	58
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1,396
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4
STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.	EACH	2
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 45 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 58 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	20
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	21
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	44
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	27
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	12
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	6
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	10
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	18
INDUCTIVE LOOP DETECTOR	EACH	27
DETECTOR LOOP, TYPE I	FOOT	1,930
LIGHT DETECTOR	EACH	4
LIGHT DETECTOR AMPLIFIER	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	9
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	14
REMOVE EXISTING DOUBLE HANDHOLE	EACH	2
REMOVE EXISTING CONCRETE FOUNDATION	EACH	8
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	1,277
FULL-ACTUATED CONTROLLER AND TYPE SUPER R CABINET (SPECIAL)	EACH	1
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

**TS 14780
ECON 96**



REMOVAL AND RELOCATION NOTES:

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR PICK UP OF ALL EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

- AGENCY: VILLAGE OF SCHAUMBURG
 2 EACH LIGHT DETECTOR
 2 EACH CONFIRMATION BEACON
 1 EACH LIGHT DETECTOR AMPLIFIER

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 1 EACH CONTROLLER AND CABINET (COMPLETE)
- 6 EACH SIGNAL HEAD, LED, 1-FACE, 3-SECTION
- 8 EACH SIGNAL HEAD, LED, 1-FACE, 5-SECTION
- 4 EACH PEDESTRIAN SIGNAL HEAD, LED, 1-FACE WITH COUNTDOWN TIMER
- 4 EACH PEDESTRIAN PUSH-BUTTON
- 4 EACH STEEL MAST ARM ASSEMBLY AND POLE
- 4 EACH SIGNAL POST
- 1 EACH ELECTRICAL SERVICE
- 8 EACH TRAFFIC SIGNAL BACKPLATES

NOTES:

1. GUY WIRES SHALL BE PLACED TO BE WITHIN FINAL R/W AND TEMPORARY EASEMENTS AND TO AVOID EXISTING/PROPOSED SHARED-USE PATH AND/OR SIDEWALK. SEE SIDEWALK GUY DETAIL, IDOT HIGHWAY STANDARD 880001-01.

FILE NAME 50101-TS-301.dgn	USER NAME: Mibeering	DESIGNED - CEC	REVISED -
		DRAWN - CEC	REVISED -
		CHECKED - DWB	REVISED -
		DATE - 4/2/2020	REVISED -

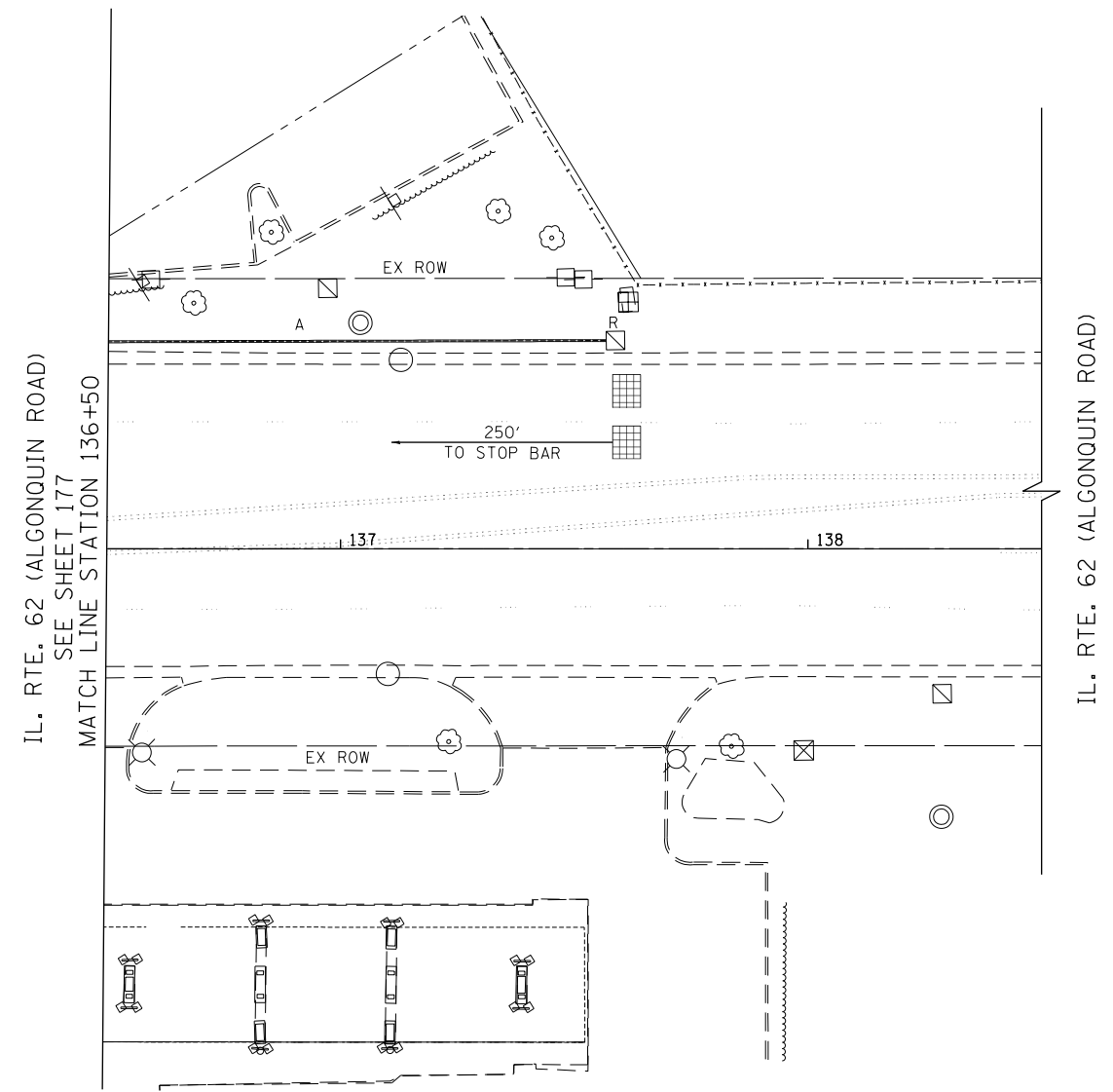
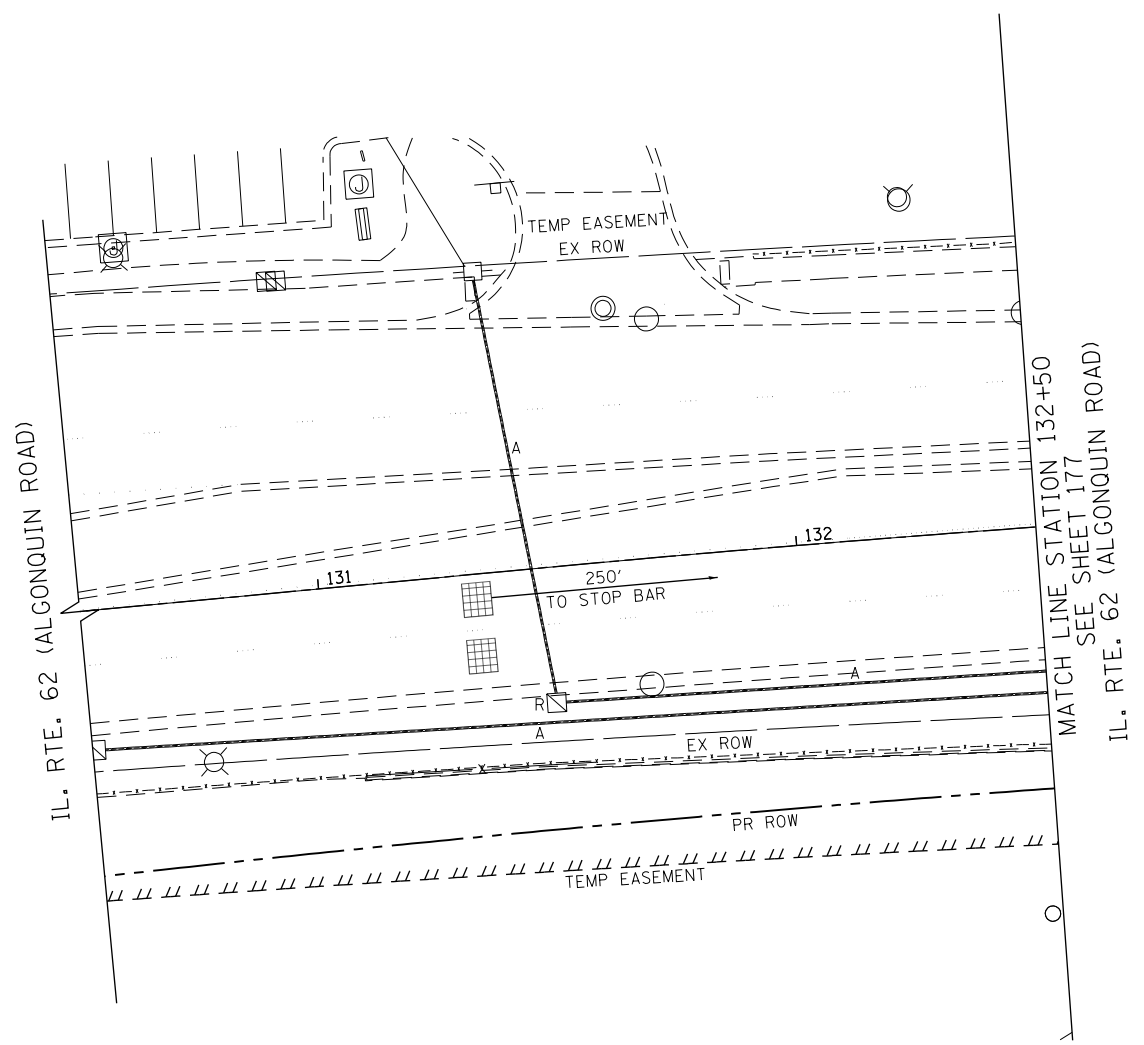
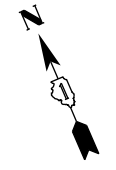
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 62 (ALGONQUIN ROAD) AND THOREAU DRIVE / THORNTREE LANE
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN (SHEET 1 OF 2)**

SCALE: 1"=20' SHEET 30 OF 52 SHEETS STA. 132+50 TO STA. 136+50

F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 177
CONTRACT NO. 61G20				
ILLINOIS		FED. AID PROJECT		

**TS 14765
ECON 96**



TS 14765
ECON 96

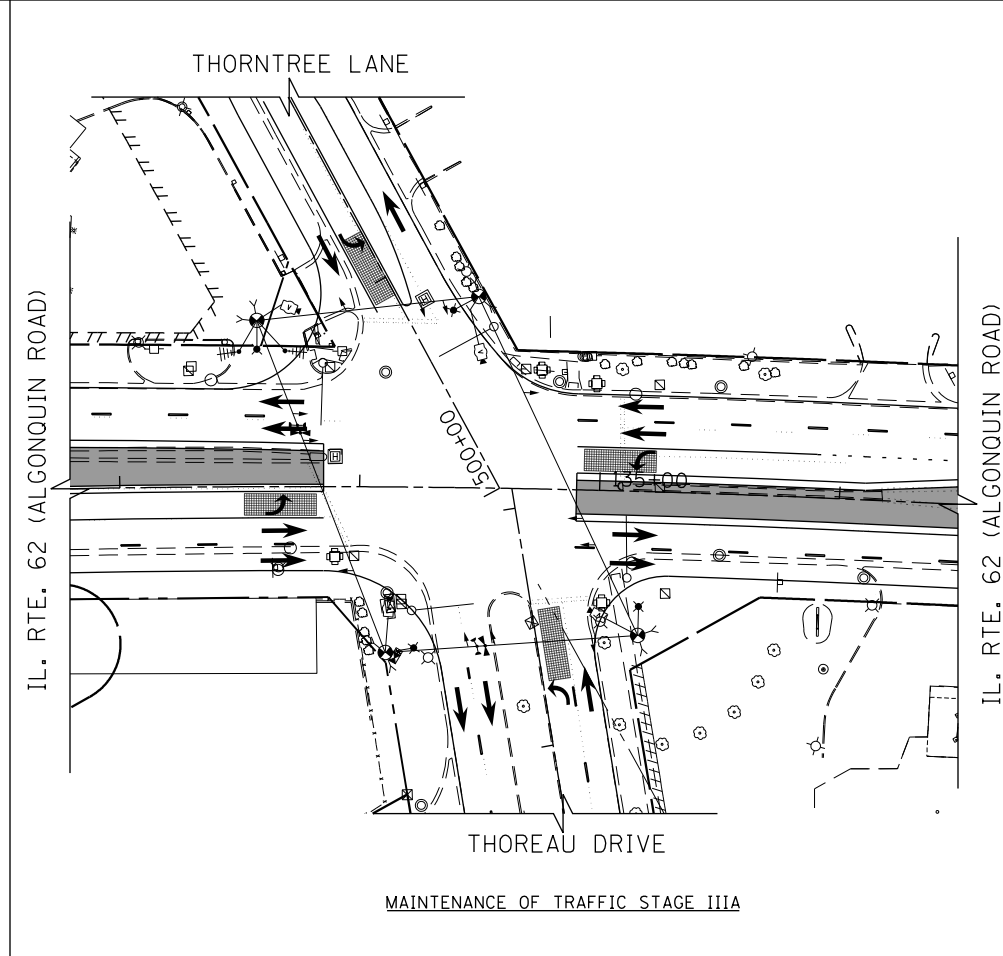
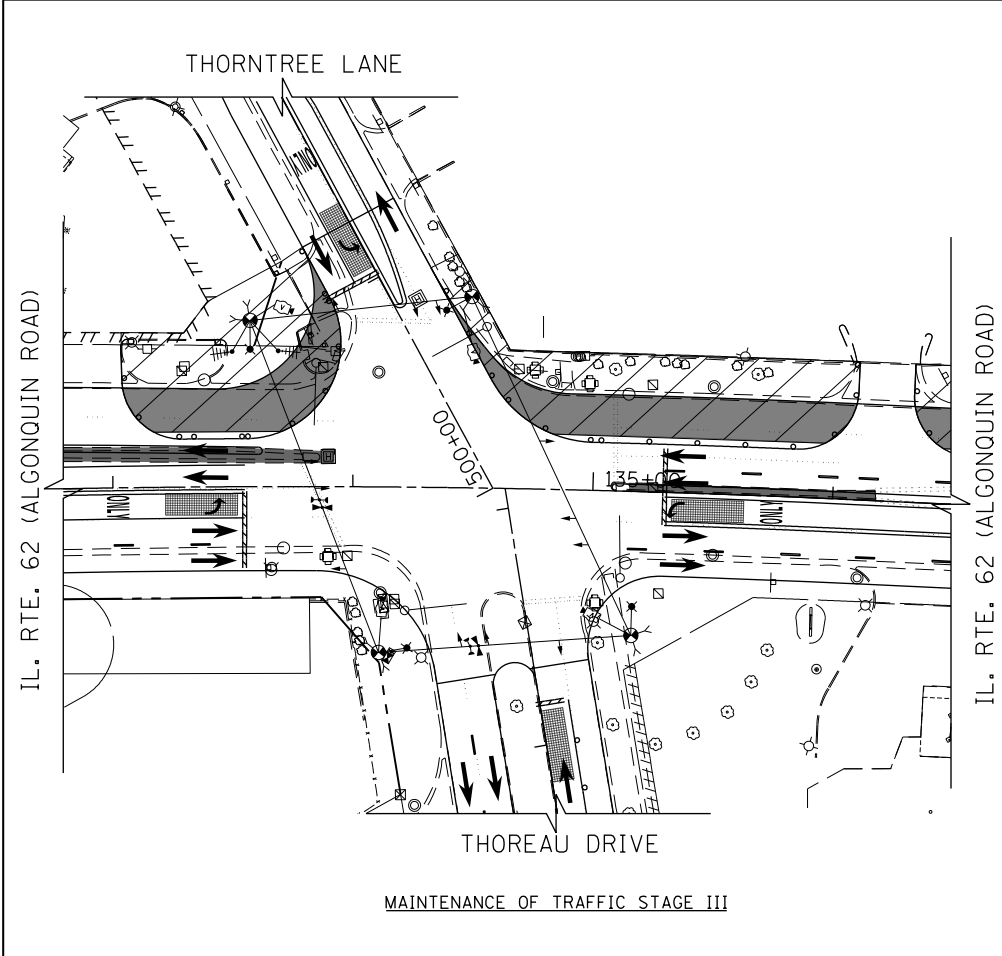
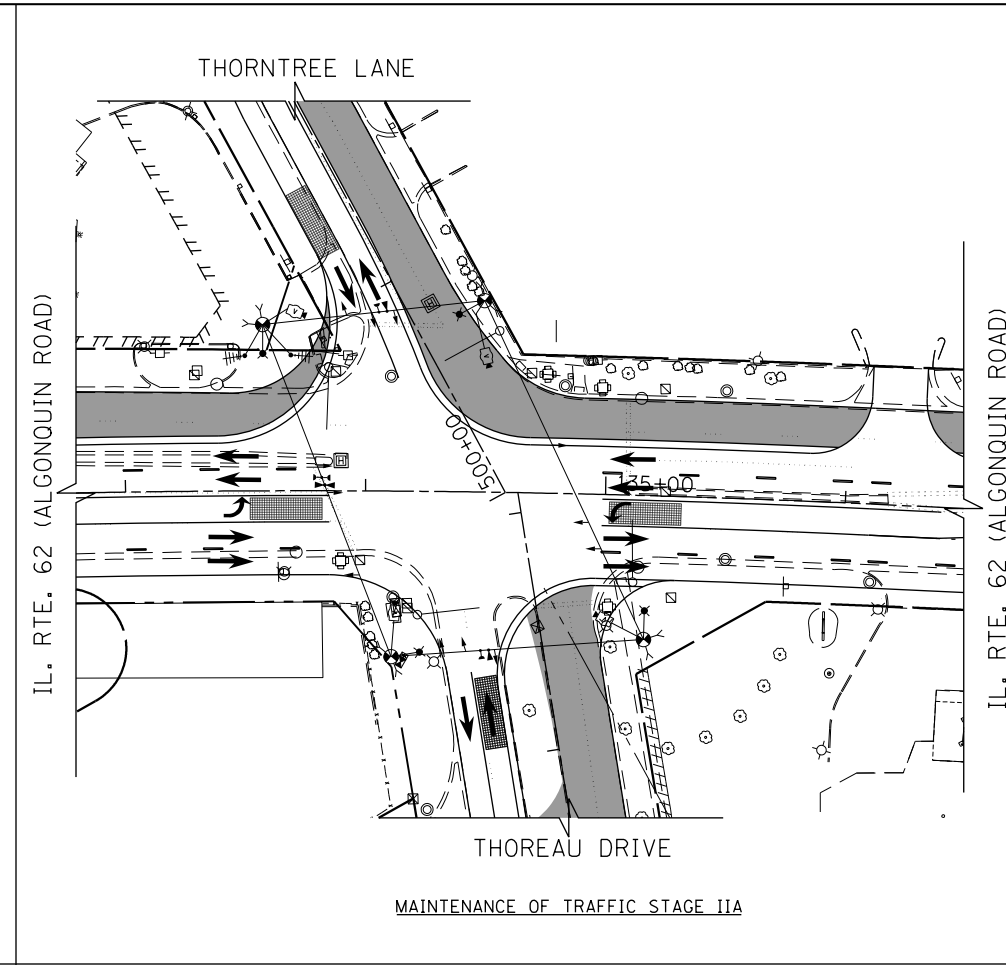
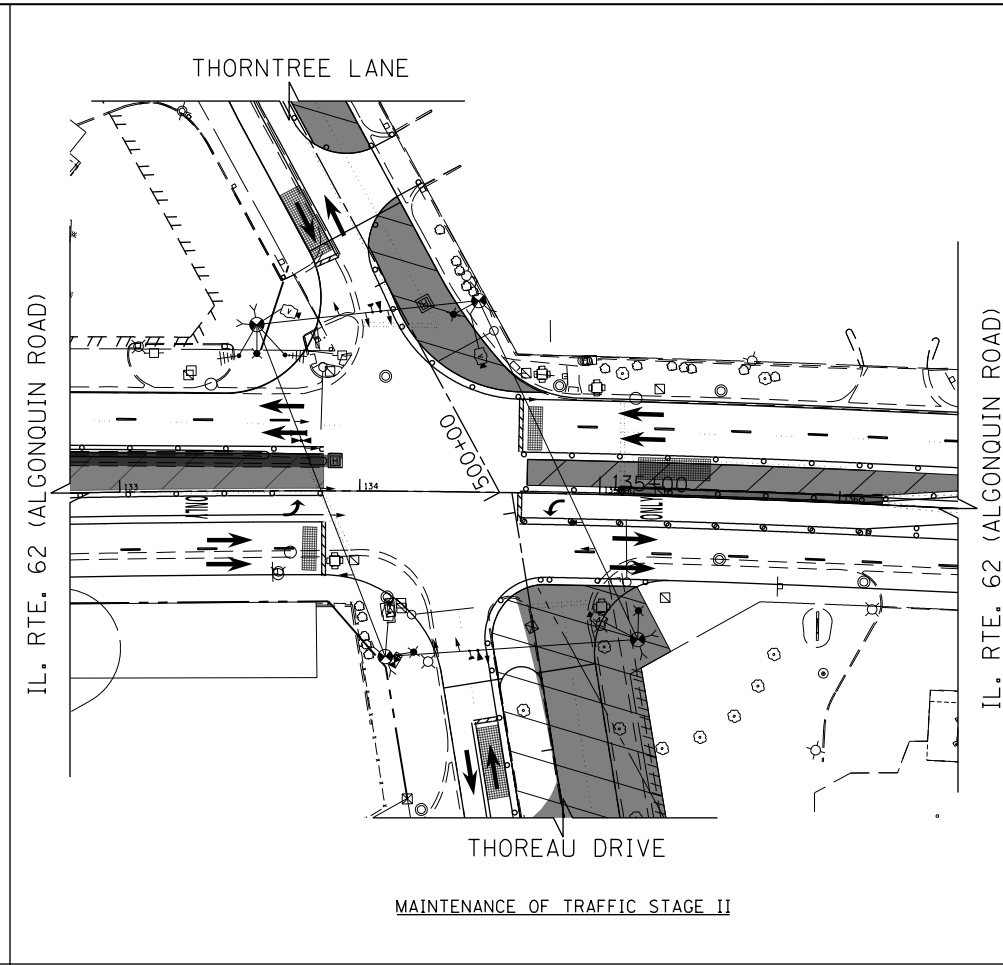
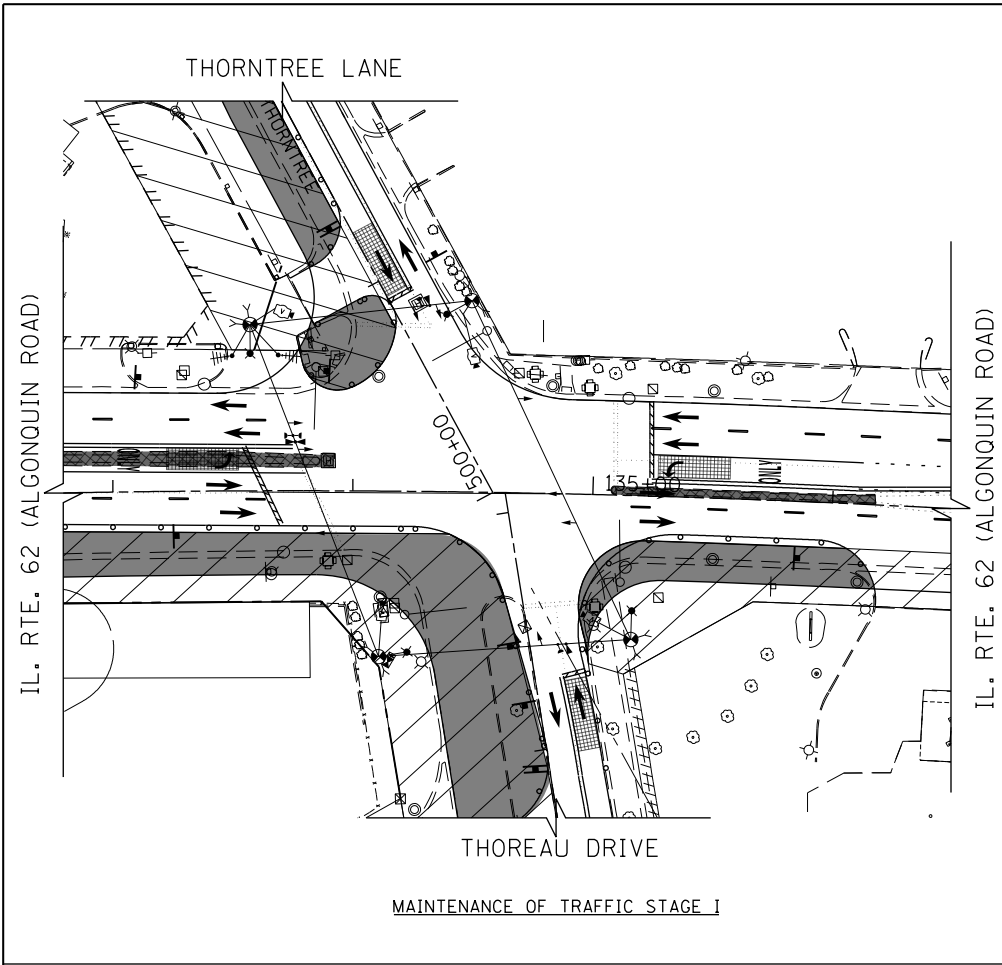
FILE NAME 50101-TS-302.dgn	USER NAME: Mibeening	DESIGNED - CEC	REVISED -
Default	PLOT SCALE: 40.0000' / in.	DRAWN - CEC	REVISED -
	PLOT DATE: 4/2/2020	CHECKED - DWB	REVISED -
		DATE - 4/2/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 62 (ALGONQUIN ROAD) AND THOREAU DRIVE / THORNTREE LANE
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN (SHEET 2 OF 2)

SCALE: 1"=20' SHEET 31 OF 52 SHEETS STA. TO STA.

F.A.U. RTE. 0339	SECTION 16-0068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 178
CONTRACT NO. 61G20				
ILLINOIS		FED. AID PROJECT		



NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

PRIOR TO THE START OF ALL STAGES, SIGNAL HEADS TO BE RELOCATED AS SHOWN.

UNUSED HEADS ARE TO BE BAGGED AND DISABLED, AS NEEDED, AND BE UN-BAGGED AND ACTIVATED AS APPLICABLE TO THE SUBSEQUENT MOT STAGING.

LEGEND

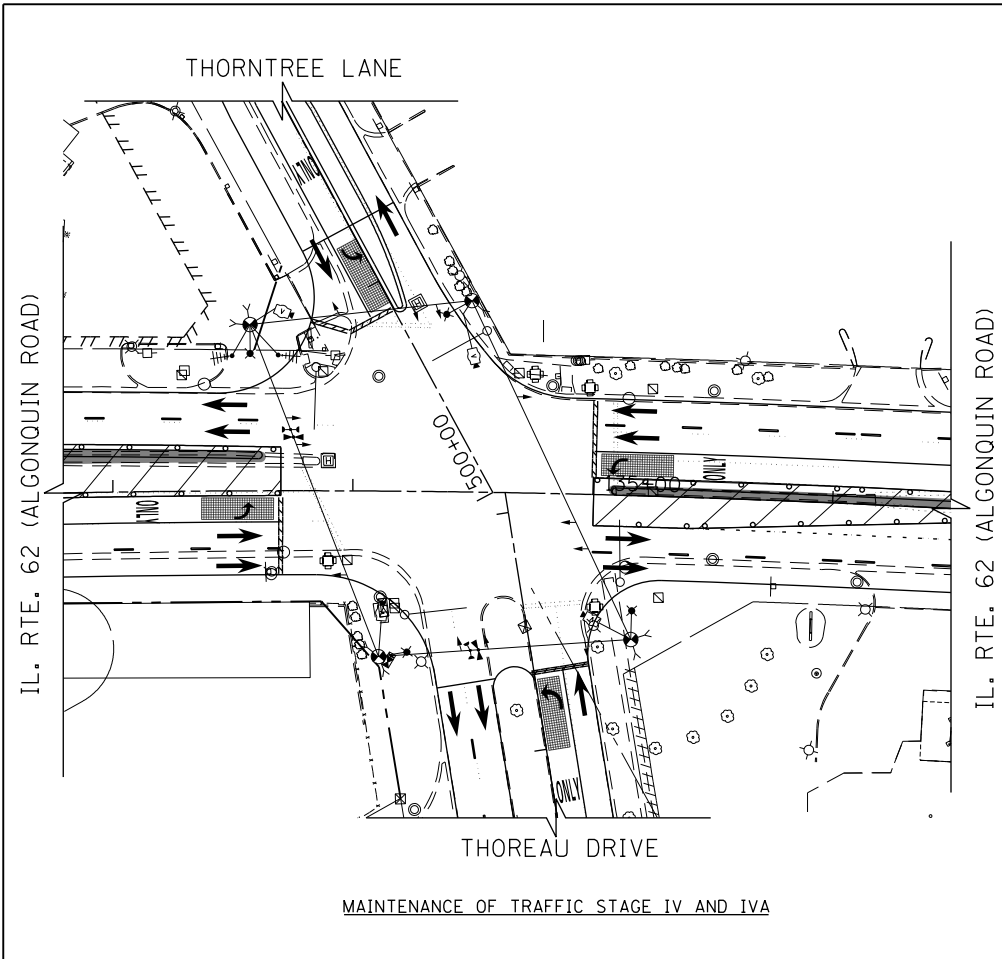
- CONSTRUCTION WORK ZONE
- COMPLETED PAVEMENT
- TEMPORARY PAVEMENT TO BE CONSTRUCTED PRE-STAGE
- TEMPORARY PAVEMENT TO BE CONSTRUCTED DURING OR AFTER STAGE I
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- MONODIRECTIONAL FLASHING LIGHT
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- DIRECTION OF TRAFFIC FLOW

0 40 80

FILE NAME 50101-TS-311.dgn*	USER NAME- Mibeening	DESIGNED - CEC	REVISED -
Default	PLOT SCALE=80.0001' / in.	DRAWN - CEC	REVISED -
	PLOT DATE= 4/2/2020	CHECKED - DWB	REVISED -
		DATE - 4/2/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 62 (ALGONQUIN ROAD) AND THOREAU DRIVE / THORNTREE LANE TEMPORARY TRAFFIC SIGNAL STAGING		F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 179
SCALE: N.T.S.	SHEET 32 OF 52 SHEETS	STA. 132+75	TO STA. 136+50		CONTRACT NO. 61G20	
				ILLINOIS FED. AID PROJECT		

















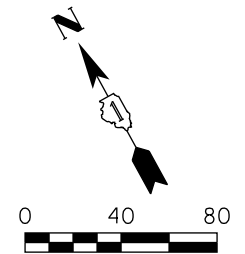
MAINTENANCE OF TRAFFIC STAGE IV AND IVA

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

PRIOR TO THE START OF ALL STAGES, SIGNAL HEADS TO BE RELOCATED AS SHOWN.
UNUSED HEADS ARE TO BE BAGGED AND DISABLED, AS NEEDED, AND BE UN-BAGGED AND ACTIVATED AS APPLICABLE TO THE SUBSEQUENT MOT STAGING.

LEGEND

-  CONSTRUCTION WORK ZONE
-  COMPLETED PAVEMENT
-  TEMPORARY PAVEMENT TO BE CONSTRUCTED PRE-STAGE
-  TEMPORARY PAVEMENT TO BE CONSTRUCTED DURING OR AFTER STAGE 1
-  SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
-  MONODIRECTIONAL FLASHING LIGHT
-  TYPE II BARRICADES OR DRUMS WITH STEADY BURN
-  MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
-  TYPE II BARRICADES OR DRUMS WITH STEADY BURN
-  BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
-  TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
-  VERTICAL PANELS WITH STEADY BURN MONO-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
-  DOUBLE VERTICAL PANELS WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
-  DIRECTION OF TRAFFIC FLOW



FILE NAME 50101-TS-312.dgn	USER NAME= Mibeening	DESIGNED - CEC	REVISED -
Default	PLOT SCALE= 80.0001' / in.	DRAWN - CEC	REVISED -
	PLOT DATE= 4/2/2020	CHECKED - DWB	REVISED -
		DATE - 4/2/2020	REVISED -

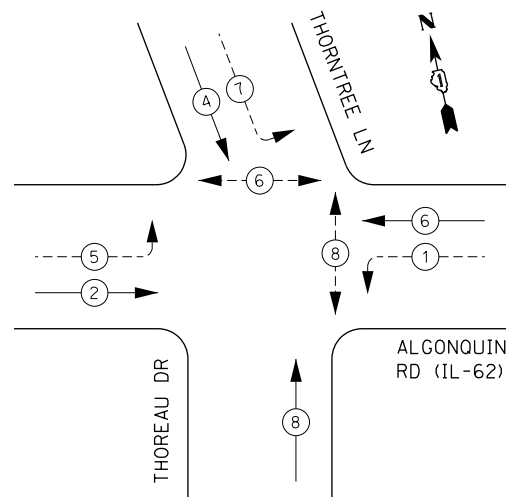
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 62 (ALGONQUIN ROAD) AND THOREAU DRIVE / THORNTREE LANE
TEMPORARY TRAFFIC SIGNAL STAGING**

SCALE: N.T.S. SHEET 33 OF 52 SHEETS STA. 132+75 TO STA. 136+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0339	16-00068-00-WR	COOK	301	180
CONTRACT NO. 61G20				
ILLINOIS FED. AID PROJECT				

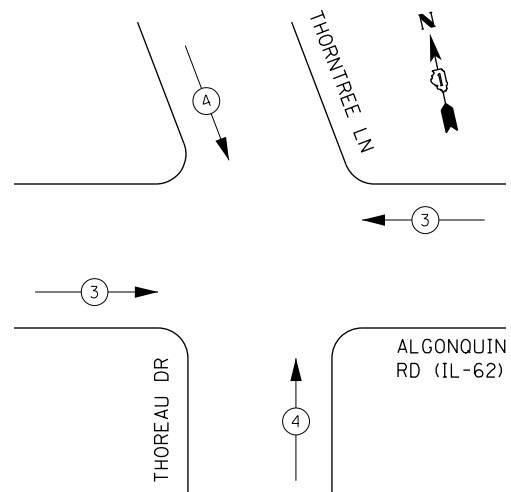
TEMPORARY CONTROLLER SEQUENCE



LEGEND:

- ← ⊙ ← PROTECTED PHASE
- ← ⊙ - - PROTECTED/PERMITTED PHASE
- ← ⊙ → PEDESTRIAN PHASE
- ← ⊙ OL OVERLAP

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

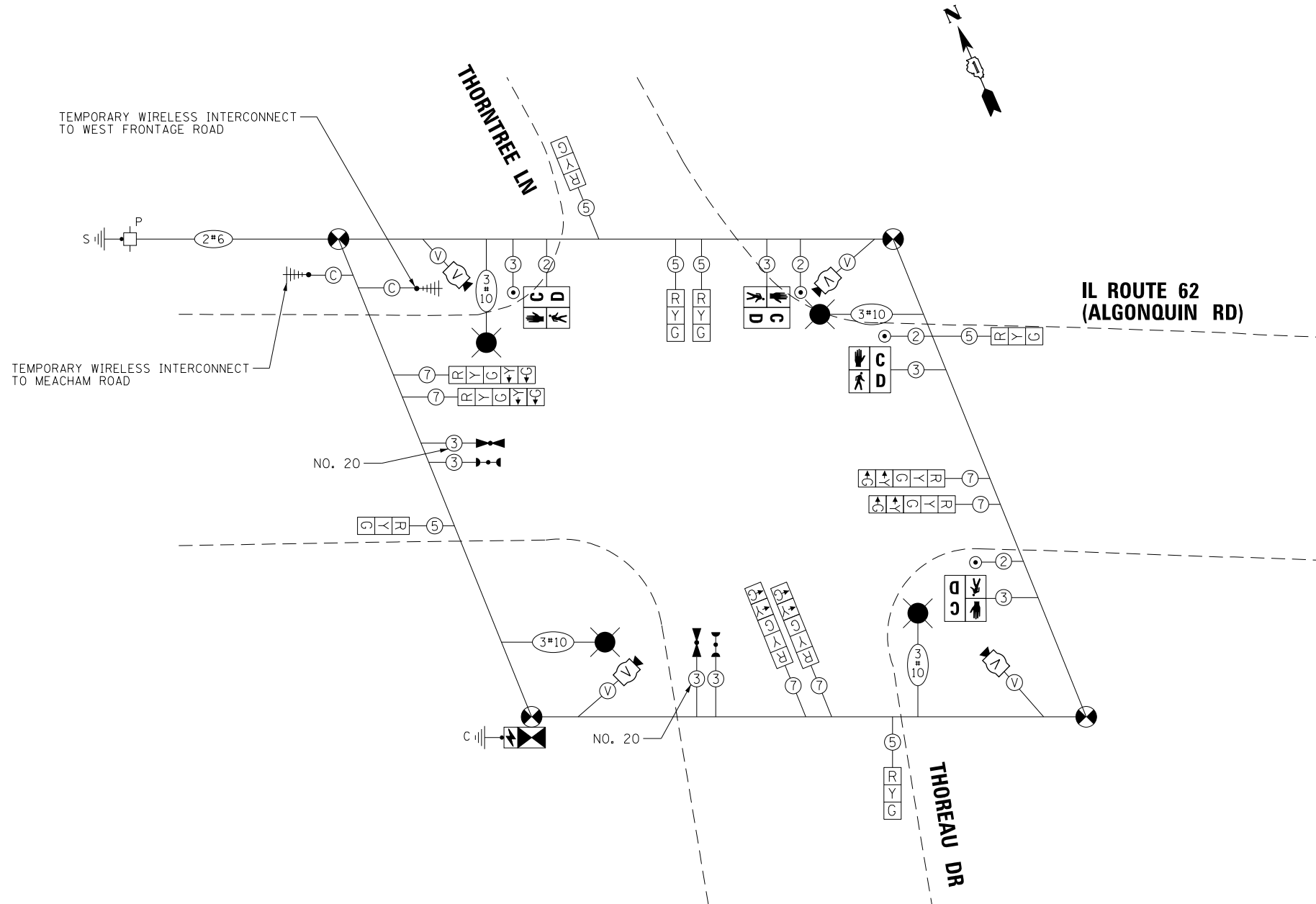
TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	11	50	66.0
(YELLOW)	12	20	5	12.0
(GREEN)	12	12	45	64.8
PERMISSIVE ARROW	12	10	10	12.0
PED. SIGNAL	4	20	100	80.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	--
FLASHER	-	-	50	--
STREET NAME SIGN	-	120	50	--
LUMINAIRE	4	285	50	570.0
TOTAL =				1079.8

ENERGY COSTS TO:

VILLAGE OF SCHAUMBURG
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY: CONTACT: _____
PHONE: _____
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: _____

FILE NAME 50101-TS-321.dgn	USER NAME: Mibeening	DESIGNED - CEC	REVISED -
Default	PLOT SCALE: 40.0000' / in.	DRAWN - CEC	REVISED -
	PLOT DATE: 4/2/2020	CHECKED - DWB	REVISED -
		DATE - 4/2/2020	REVISED -



TEMPORARY CABLE PLAN
(NOT TO SCALE)
PRE-STAGE

- NOTES:**
1. THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.
 2. UNUSED HEADS ARE TO BE BAGGED AND DISABLED, AS NEEDED, AND BE UN-BAGGED AND ACTIVATED AS APPLICABLE TO SUBSEQUENT MOT STAGING.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

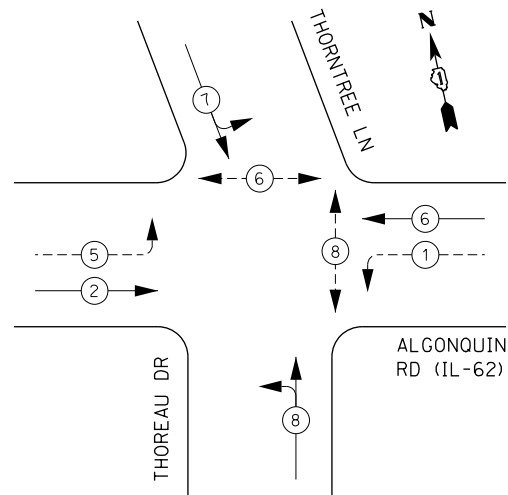
**IL 62 (ALGONQUIN ROAD) AND THOREAU DRIVE / THORNTREE LANE
TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM,
AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE**

F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 181
CONTRACT NO. 61G20				ILLINOIS FED. AID PROJECT

**TS 14765
ECON 96**

SCALE: N.T.S. SHEET 34 OF 52 SHEETS STA. TO STA.

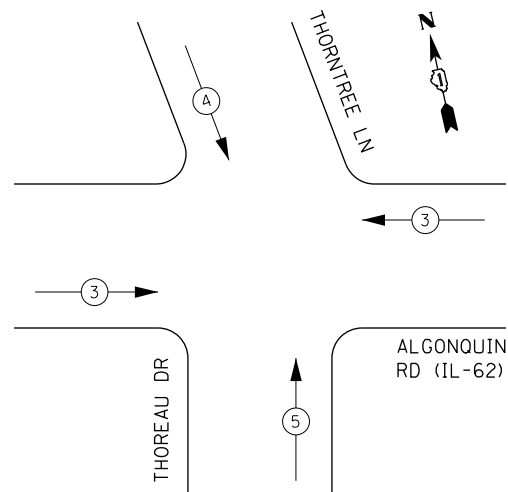
TEMPORARY CONTROLLER SEQUENCE



LEGEND:

- ← ⊙ ← PROTECTED PHASE
- ← ⊙ - - PROTECTED/PERMITTED PHASE
- ← ⊙ → PEDESTRIAN PHASE
- ← ⊙ OL OVERLAP

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	15	11	50	82.5
(YELLOW)	15	20	5	15.0
(GREEN)	15	12	45	81.0
PERMISSIVE ARROW	12	10	10	12.0
PED. SIGNAL	4	20	100	80.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	--
FLASHER	-	-	50	--
STREET NAME SIGN	-	120	50	--
LUMINAIRE	4	285	50	570.0
TOTAL =				1115.5

ENERGY COSTS TO:

VILLAGE OF SCHAUMBURG
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1096

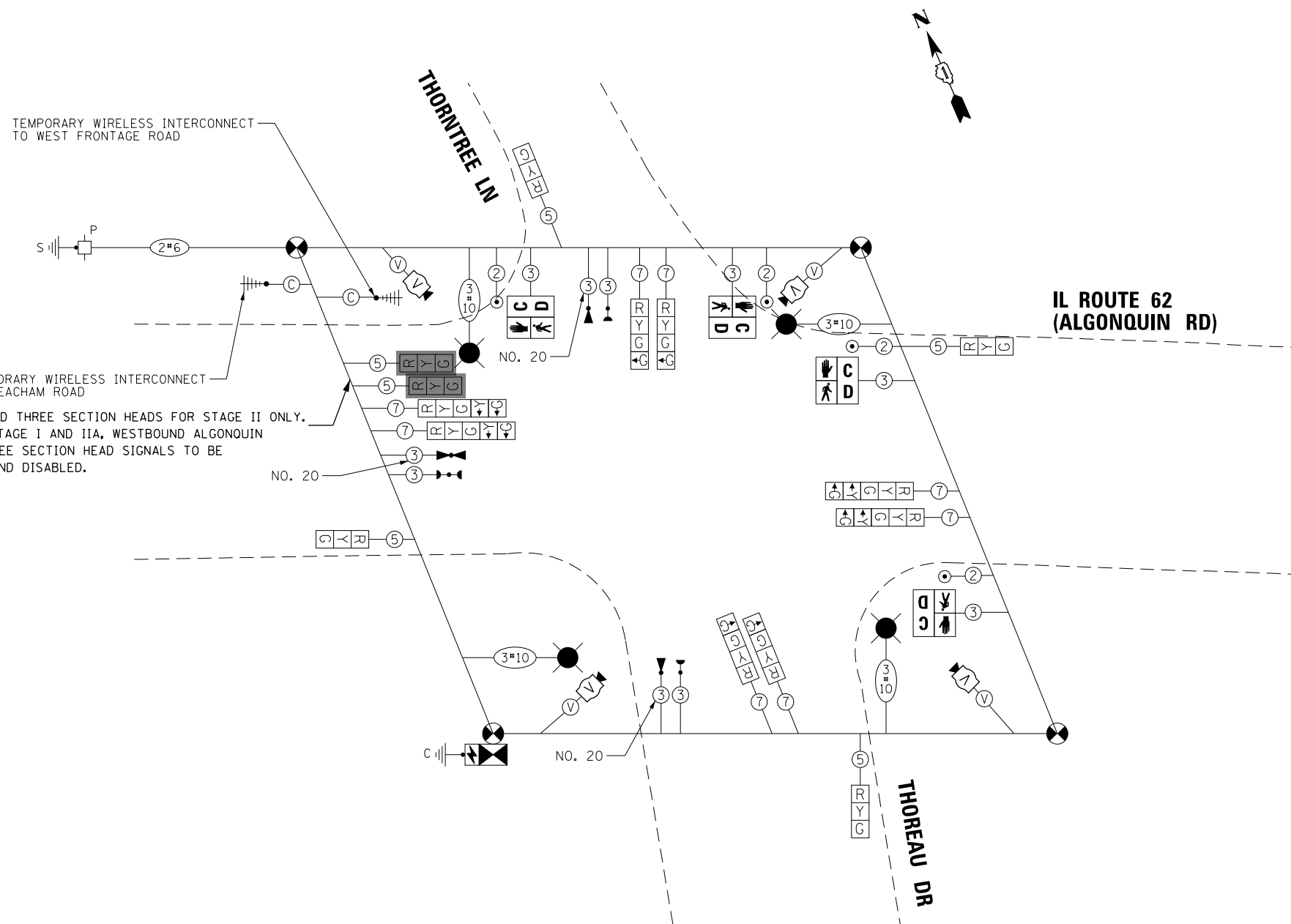
ENERGY SUPPLY: CONTACT: _____
PHONE: _____
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: _____

FILE NAME 50101-TS-322.dgn	USER NAME: Mibeening	DESIGNED - CEC	REVISED -
Default	PLOT SCALE: 40.0000' / in.	DRAWN - CEC	REVISED -
	PLOT DATE: 4/2/2020	CHECKED - DWB	REVISED -
		DATE - 4/2/2020	REVISED -

TEMPORARY WIRELESS INTERCONNECT TO WEST FRONTAGE ROAD

TEMPORARY WIRELESS INTERCONNECT TO MEACHAM ROAD

WESTBOUND THREE SECTION HEADS FOR STAGE II ONLY. DURING STAGE I AND IIA, WESTBOUND ALGONQUIN ROAD THREE SECTION HEAD SIGNALS TO BE BAGGED AND DISABLED.



TEMPORARY CABLE PLAN

(NOT TO SCALE)

STAGES I, II AND IIA

NOTES:

1. THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.
2. UNUSED HEADS ARE TO BE BAGGED AND DISABLED, AS NEEDED, AND BE UN-BAGGED AND ACTIVATED AS APPLICABLE TO SUBSEQUENT MOT STAGING.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

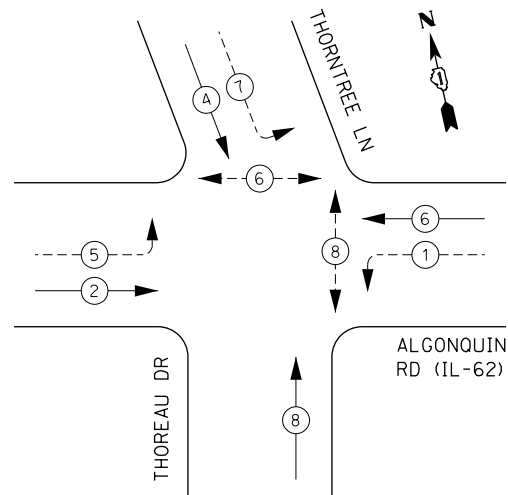
IL 62 (ALGONQUIN ROAD) AND THOREAU DRIVE / THORTREE LANE
TEMPORARY CABLE PLAN AND PHASE DESIGNATION DIAGRAM
MOT STAGE I, II AND IIA

SCALE: N.T.S. SHEET 35 OF 52 SHEETS STA. TO STA.

F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 182
CONTRACT NO. 61G20				ILLINOIS FED. AID PROJECT

TS 14765
ECON 96

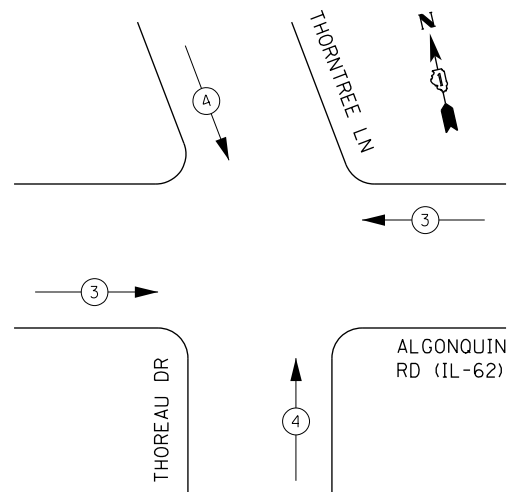
TEMPORARY CONTROLLER SEQUENCE



LEGEND:

- ← ⊙ → PROTECTED PHASE
- ← ⊙ - - PROTECTED/PERMITTED PHASE
- ← ⊙ → PEDESTRIAN PHASE
- ← ⊙ OL OVERLAP

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

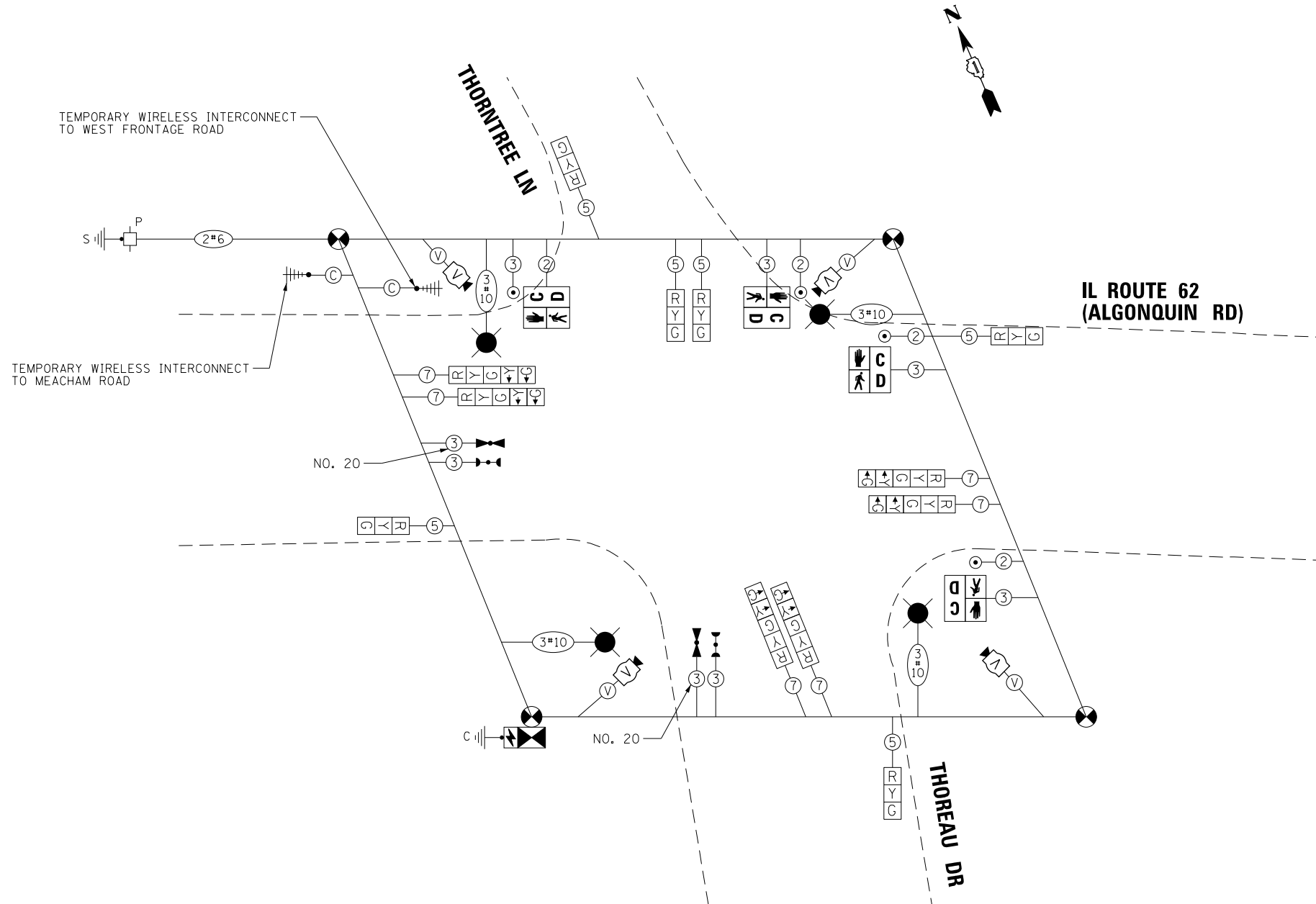
TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	11	50	66.0
(YELLOW)	12	20	5	12.0
(GREEN)	12	12	45	64.8
PERMISSIVE ARROW	12	10	10	12.0
PED. SIGNAL	4	20	100	80.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	--
FLASHER	-	-	50	--
STREET NAME SIGN	-	120	50	--
LUMINAIRE	4	285	50	570.0
TOTAL =				1079.8

ENERGY COSTS TO:

VILLAGE OF SCHAUMBURG
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY: CONTACT: _____
PHONE: _____
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: _____

FILE NAME 50101-TS-323.dgn	USER NAME: Mibeening	DESIGNED - CEC	REVISED -
Default	PLOT SCALE: 40.0000' / in.	DRAWN - CEC	REVISED -
	PLOT DATE: 4/2/2020	CHECKED - DWB	REVISED -
		DATE - 4/2/2020	REVISED -



TEMPORARY CABLE PLAN

(NOT TO SCALE)

STAGES III, IIIA, IV AND IVA

- NOTES:**
1. THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.
 2. UNUSED HEADS ARE TO BE BAGGED AND DISABLED, AS NEEDED, AND BE UN-BAGGED AND ACTIVATED AS APPLICABLE TO SUBSEQUENT MOT STAGING.

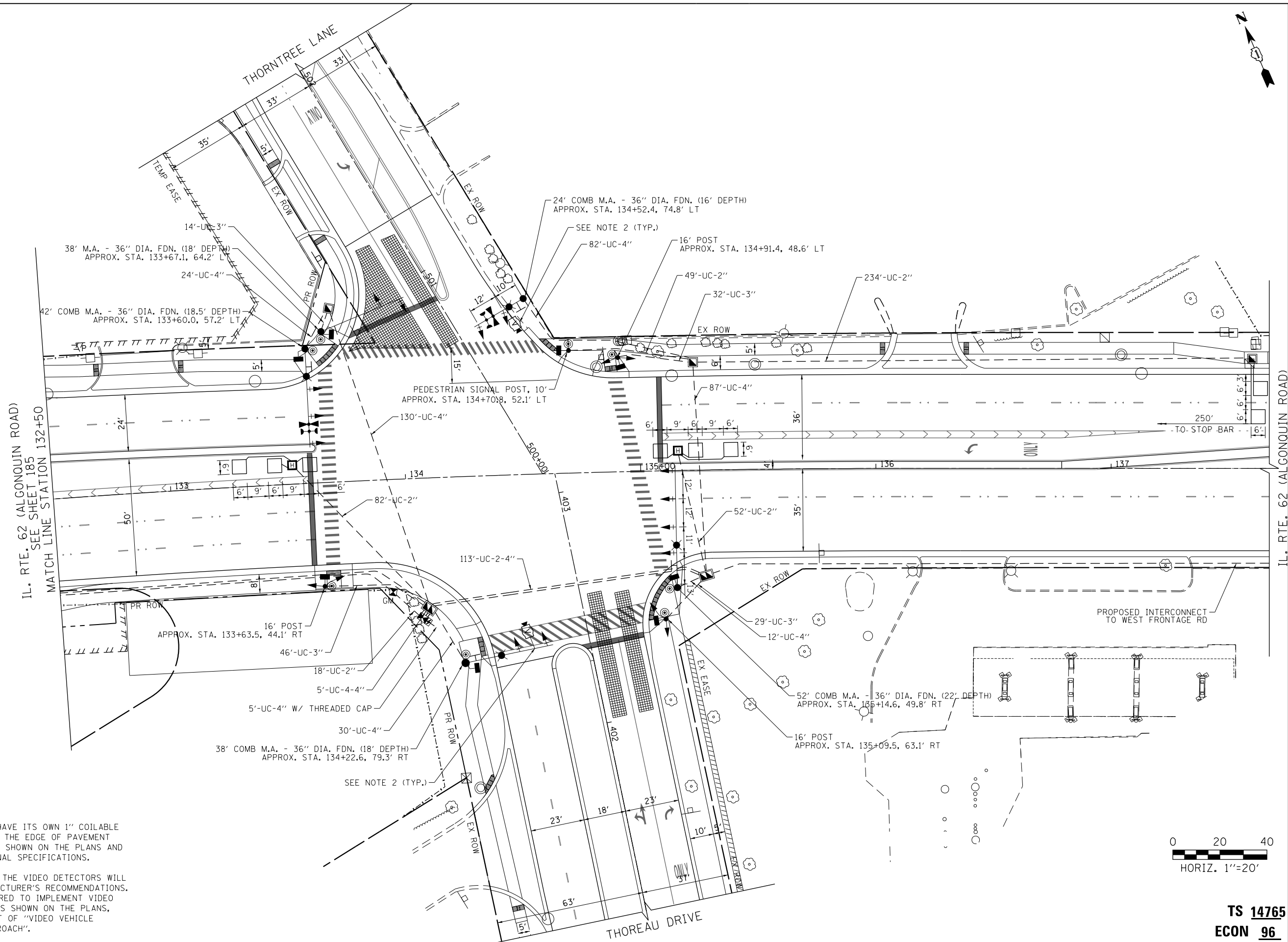
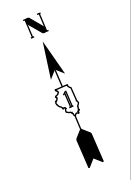
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 62 (ALGONQUIN ROAD) AND THOREAU DRIVE / THORNTREE LANE
TEMPORARY CABLE PLAN AND PHASE DESIGNATION DIAGRAM
MOT STAGE III, IIIA, AND IV**

F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 183
CONTRACT NO. 61G20				ILLINOIS FED. AID PROJECT

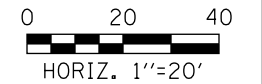
**TS 14765
ECON 96**

SCALE: N.T.S. SHEET 36 OF 52 SHEETS STA. TO STA.



NOTES:

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
2. THE MOUNTING LOCATIONS OF THE VIDEO DETECTORS WILL BE DETERMINED PER THE MANUFACTURER'S RECOMMENDATIONS. ALL MATERIAL AND LABOR REQUIRED TO IMPLEMENT VIDEO DETECTION AT THIS LOCATION, AS SHOWN ON THE PLANS, SHALL BE INCLUDED IN THE COST OF "VIDEO VEHICLE DETECTION SYSTEM, SINGLE APPROACH".



FILE NAME 50101-TS-351.dgn	USER NAME= Mibeering	DESIGNED - CEC	REVISED -
Default	PLOT SCALE=40.0000' / in.	DRAWN - CEC	REVISED -
	PLOT DATE= 4/2/2020	CHECKED - DWB	REVISED -
		DATE - 4/2/2020	REVISED -

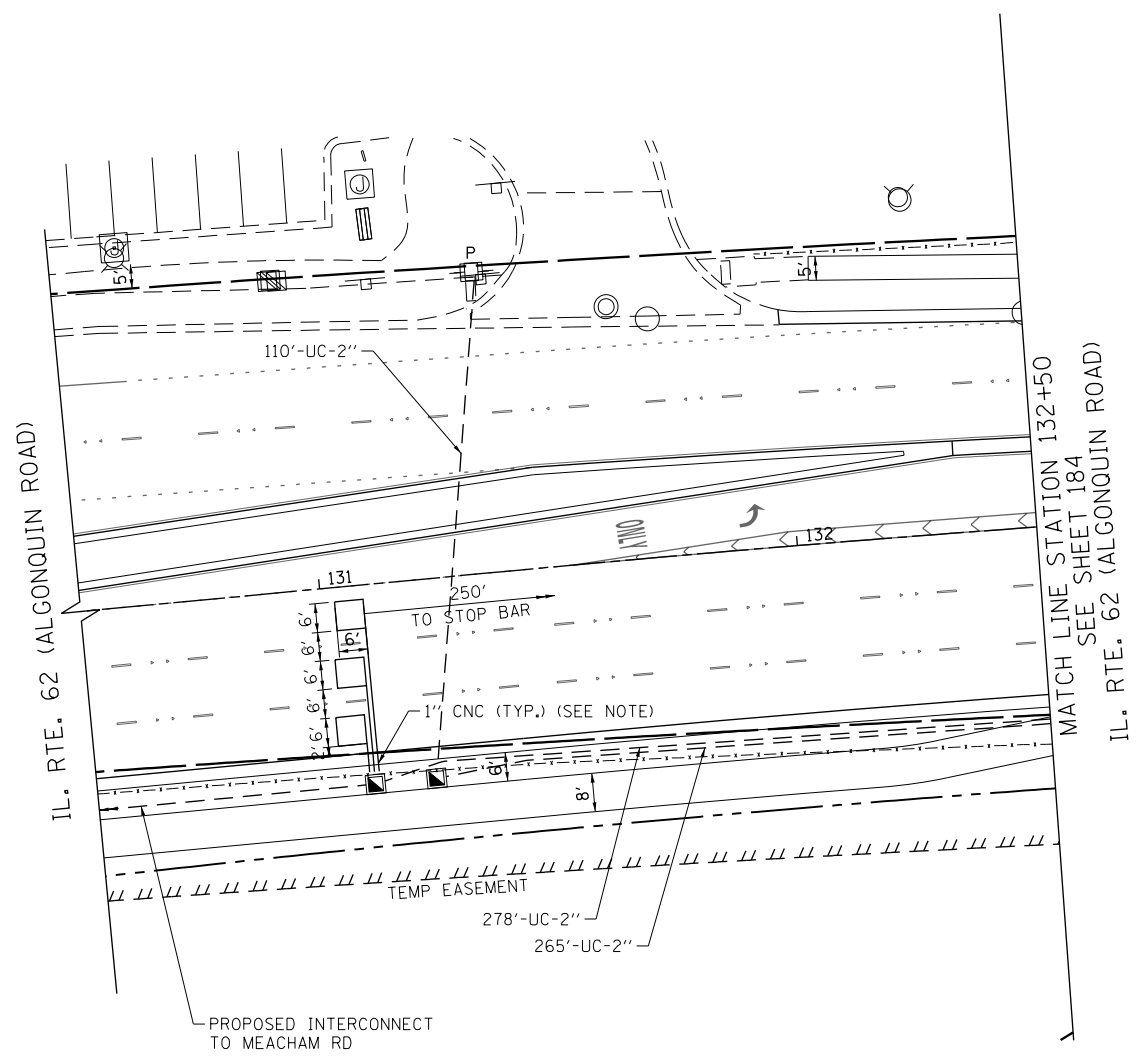
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 62 (ALGONQUIN ROAD) AND THOREAU DRIVE / THORNTREE LANE
TRAFFIC SIGNAL MODERNIZATION PLAN (SHEET 1 OF 2)**

SCALE: 1"=20' SHEET 37 OF 52 SHEETS STA. 132+50 TO STA. 138+00

F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 184
CONTRACT NO. 61G20				
ILLINOIS		FED. AID PROJECT		

**TS 14765
ECON 96**



NOTES:

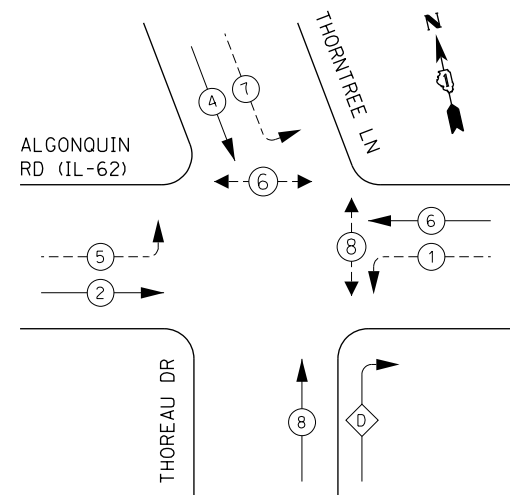
1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.



TS 14765
ECON 96

FILE NAME 50101-TS-352.dgn	USER NAME: Mibeening	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 62 (ALGONQUIN ROAD) AND THOREAU DRIVE / THORNTREE LANE TRAFFIC SIGNAL MODERNIZATION PLAN (SHEET 2 OF 2)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE: 40.0000' / in.	CHECKED - DWB	REVISED -			0339	16-00068-00-WR	COOK	301	185
Default	PLOT DATE: 4/2/2020	DATE - 4/2/2020	REVISED -	SCALE: 1"=20' SHEET 38 OF 52 SHEETS STA. 130+50 TO STA. 138+00		ILLINOIS FED. AID PROJECT CONTRACT NO. 61G20				

EXISTING CONTROLLER SEQUENCE



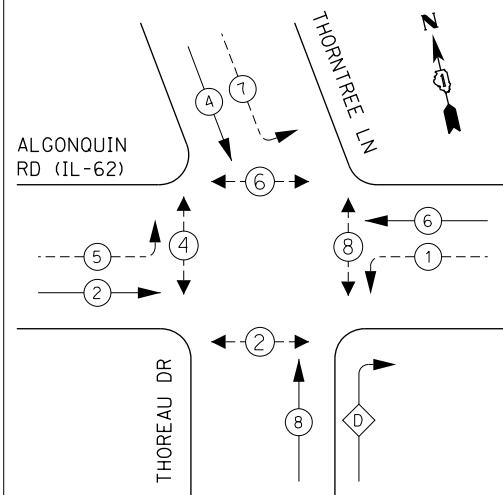
RIGHT TURN OVERLAP PHASE DESIGNATION:

$$\text{OVERLAP LETTER } D = \frac{\text{PERMISSIVE PHASE}}{8} + \frac{\text{PROTECTED PHASE}}{1}$$

LEGEND:

- ←(*) PROTECTED PHASE
- ←-(*)- PROTECTED/PERMITTED PHASE
- ←-(*)→ PEDESTRIAN PHASE
- ←(*) OL OVERLAP

PROPOSED CONTROLLER SEQUENCE

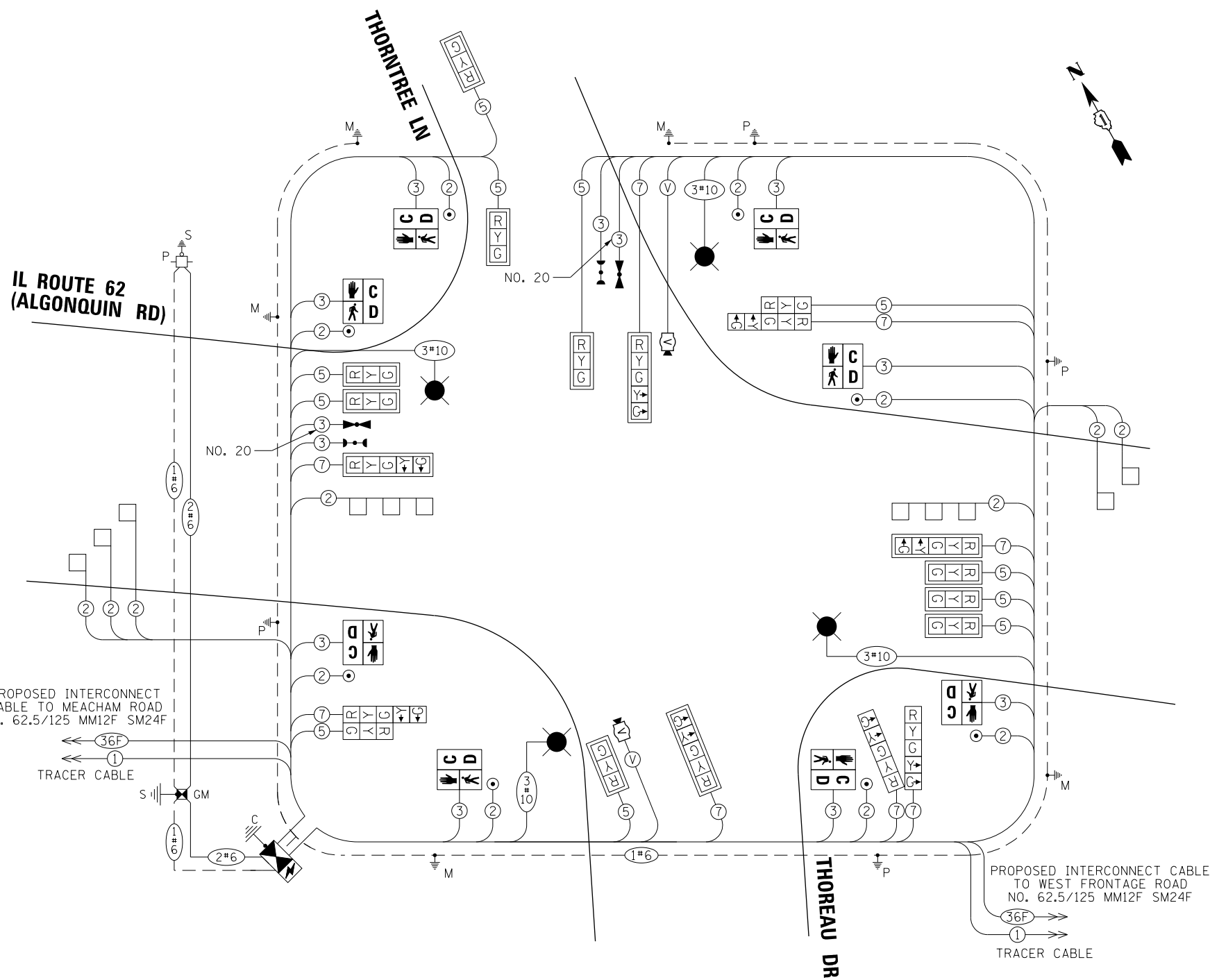


RIGHT TURN OVERLAP PHASE DESIGNATION:

$$\text{OVERLAP LETTER } D = \frac{\text{PERMISSIVE PHASE}}{8} + \frac{\text{PROTECTED PHASE}}{1}$$

LEGEND:

- ←(*) PROTECTED PHASE
- ←-(*)- PROTECTED/PERMITTED PHASE
- ←-(*)→ PEDESTRIAN PHASE
- ←(*) OL OVERLAP



CABLE PLAN
(NOT TO SCALE)

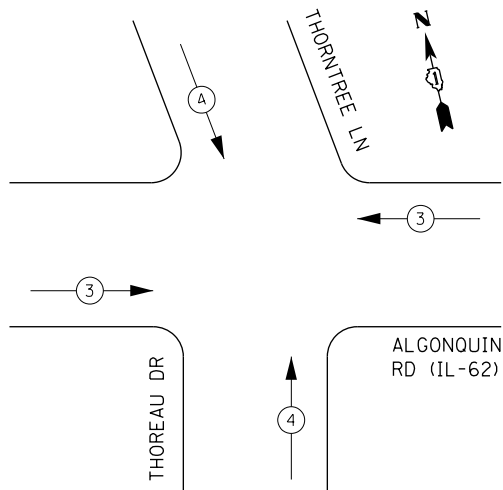
NOTES:

1. WIRING FOR LUMINAIRES ON TRAFFIC SIGNAL COMBINATION MAST ARMS SHALL BE INSTALLED PER DISTRICT ONE STANDARD BE-240.

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	19	11	50	104.5
(YELLOW)	19	20	5	19.0
(GREEN)	19	12	45	102.6
PERMISSIVE ARROW	16	10	10	16.0
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	--
FLASHER	-	-	50	--
STREET NAME SIGN	-	120	50	--
LUMINAIRE	4	285	50	570.0
TOTAL =				1247.1

EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



ENERGY COSTS TO:

VILLAGE OF SCHAUMBURG
101 SCHAUMBURG COURT
SCHAUMBURG, ILLINOIS 60193-1899

ENERGY SUPPLY: CONTACT: _____
PHONE: _____
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: _____

FILE NAME 50101-TS-371.dgn	USER NAME: Mibeening	DESIGNED - CEC	REVISED -
Default	PLOT SCALE: 40.0000' / in.	DRAWN - CEC	REVISED -
	PLOT DATE: 4/2/2020	CHECKED - DWB	REVISED -
		DATE - 4/2/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 62 (ALGONQUIN ROAD) AND THOREAU DRIVE / THORNTREE LANE
CABLE PLAN, PHASE DESIGNATION DIAGRAM,
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE

SCALE: N.T.S. SHEET 39 OF 52 SHEETS STA. TO STA.

F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 186
CONTRACT NO. 61G20				
ILLINOIS		FED. AID PROJECT		

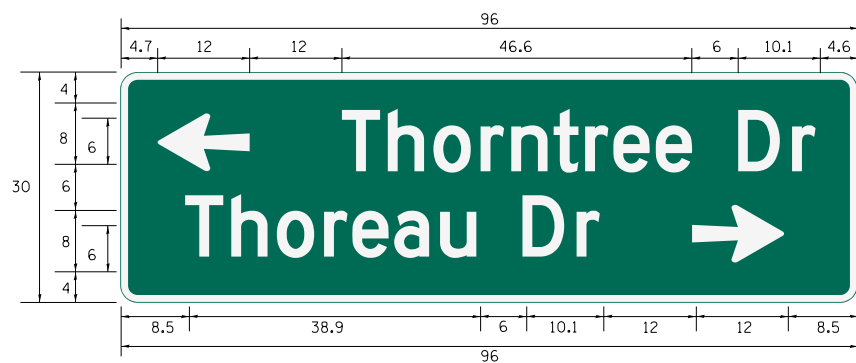
TS 14765
ECON 96

SIGN PANEL - TYPE 2

ALL DIMENSIONS ARE IN INCHES EXCEPT NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	15	2	ZZ	2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	20	2	ZZ	1



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	20	2	ZZ	1

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGN DETAIL.

SCHEDULE OF QUANTITIES

PAY ITEM NAME	UNIT	QUANTITY
SIGN PANEL - TYPE 2	SQ FT	70.00
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1,088
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	121
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	616
HANDHOLE	EACH	5
HEAVY-DUTY HANDHOLE	EACH	2
DOUBLE HANDHOLE	EACH	2
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,470
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2,133
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2,408
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,726
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2,213
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	430
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1,222
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	3
STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 24 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	16
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	92.5
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	9
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	4
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	13
INDUCTIVE LOOP DETECTOR	EACH	7
DETECTOR LOOP, TYPE I	FOOT	376
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	8
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	9
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	9
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	607
FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	1
VIDEO VEHICLE DETECTION SYSTEM, SINGLE APPROACH	EACH	2
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
CONCRETE FOUNDATION, TYPE A 10-INCH DIAMETER	FOOT	4
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

COMBINATION LIGHTING SCHEDULE OF QUANTITIES

PAY ITEM NAME	UNIT	QUANTITY
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	981
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	4
COMBINATION LIGHTING CONTROLLER	EACH	1

**TS 14765
ECON 96**

FILE NAME 50101-TS-381.dgn	USER NAME: Mibeening	DESIGNED - CEC	REVISED -
Default	PLOT SCALE: 1/100.0001' / in.	DRAWN - CEC	REVISED -
	PLOT DATE: 4/2/2020	CHECKED - DWB	REVISED -
		DATE 4/2/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

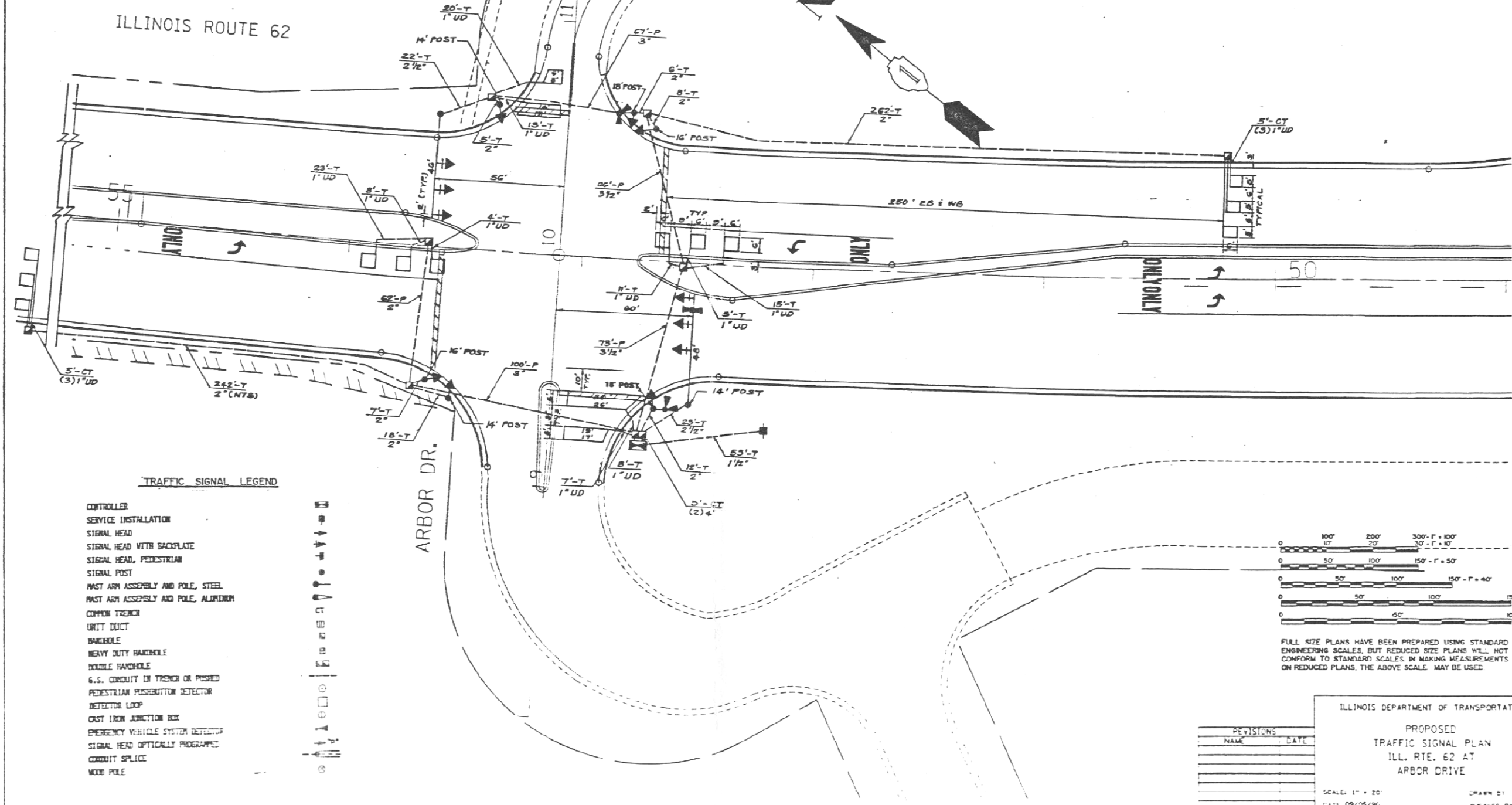
IL 62 (ALGONQUIN ROAD) AND THOREAU DRIVE / THORNTREE LANE MAST ARM MOUNTED STREET NAME SIGNS AND SCHEDULE OF QUANTITIES	
SCALE: 1"=NONE	SHEET 40 OF 52 SHEETS STA. TO STA.

F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 187
CONTRACT NO. 61G20			ILLINOIS FED. AID PROJECT	

TRAFFIC SIGNAL
RECORD DRAWING FOR
INFORMATION ONLY

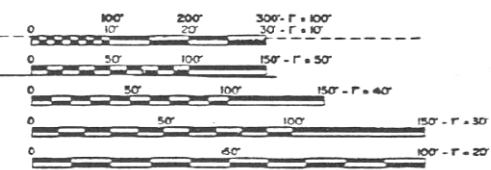
WEST FRONTAGE ROAD

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	531-N-I (89)	COOK	133 56
STA.	TO STA.		



TRAFFIC SIGNAL LEGEND

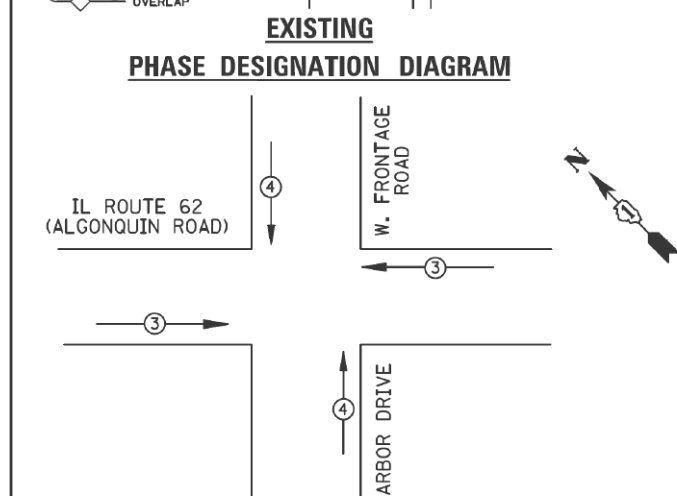
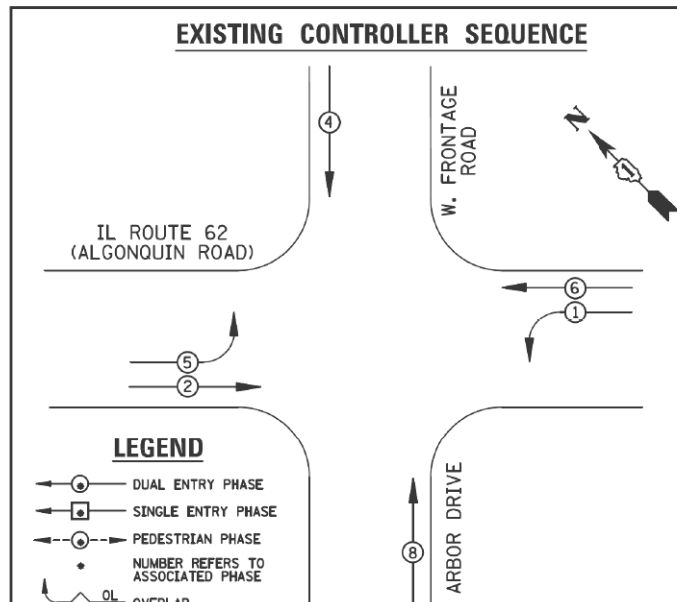
- CONTROLLER
- SERVICE INSTALLATION
- SIGNAL HEAD
- SIGNAL HEAD WITH BACKPLATE
- SIGNAL HEAD, PEDESTRIAN
- SIGNAL POST
- POST ARM ASSEMBLY AND POLE, STEEL
- POST ARM ASSEMBLY AND POLE, ALUMINUM
- CURB TRENCH
- URBIT DUCT
- HANDHOLE
- HEAVY DUTY HANDHOLE
- DOUBLE HANDHOLE
- 6.S. CONDUIT IN TRENCH OR PUSHED
- PEDESTRIAN PUSHBUTTON DETECTOR
- DETECTOR LOOP
- CAST IRON JUNCTION BOX
- EMERGENCY VEHICLE SYSTEM DETECTOR
- SIGNAL HEAD OPTICALLY PROGRAMMED
- CONDUIT SPLICE
- WOOD POLE



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES, BUT REDUCED SIZE PLANS WILL NOT CONFORM TO STANDARD SCALES. BY MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALE MAY BE USED.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED
TRAFFIC SIGNAL PLAN
ILL. RTE. 62 AT
ARBOR DRIVE
SCALE: 1" = 20'
DATE 09/05/96
DRAWN BY: RAC
CHECKED BY: PHE



EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	←	↑

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	%OPERATION	
SIGNAL (RED)	12	135	17	0.50	102
(YELLOW)	12	135	25	0.25	75
(GREEN)	12	135	15	0.25	45
ARROW	8	135	12	0.10	9.6
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN		84		0.05	
ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION, 201 WEST CENTER COURT, SCHAUMBURG, IL 60196-1096					TOTAL = 331.6

ENERGY SUPPLY CONTACT: X	PHONE: X	COMPANY: X
FILE NAME: \MICROST\352186\ 59-2938.DGN	USER NAME: JGC	DESIGNED - BPT
	PLOT SCALE: NOT TO SCALE	DRAWN - JGC/RDS
	PLOT DATE: X	CHECKED - BPT
		DATE - 04-26-13

TRAFFIC SIGNAL RECORD DRAWING FOR INFORMATION ONLY

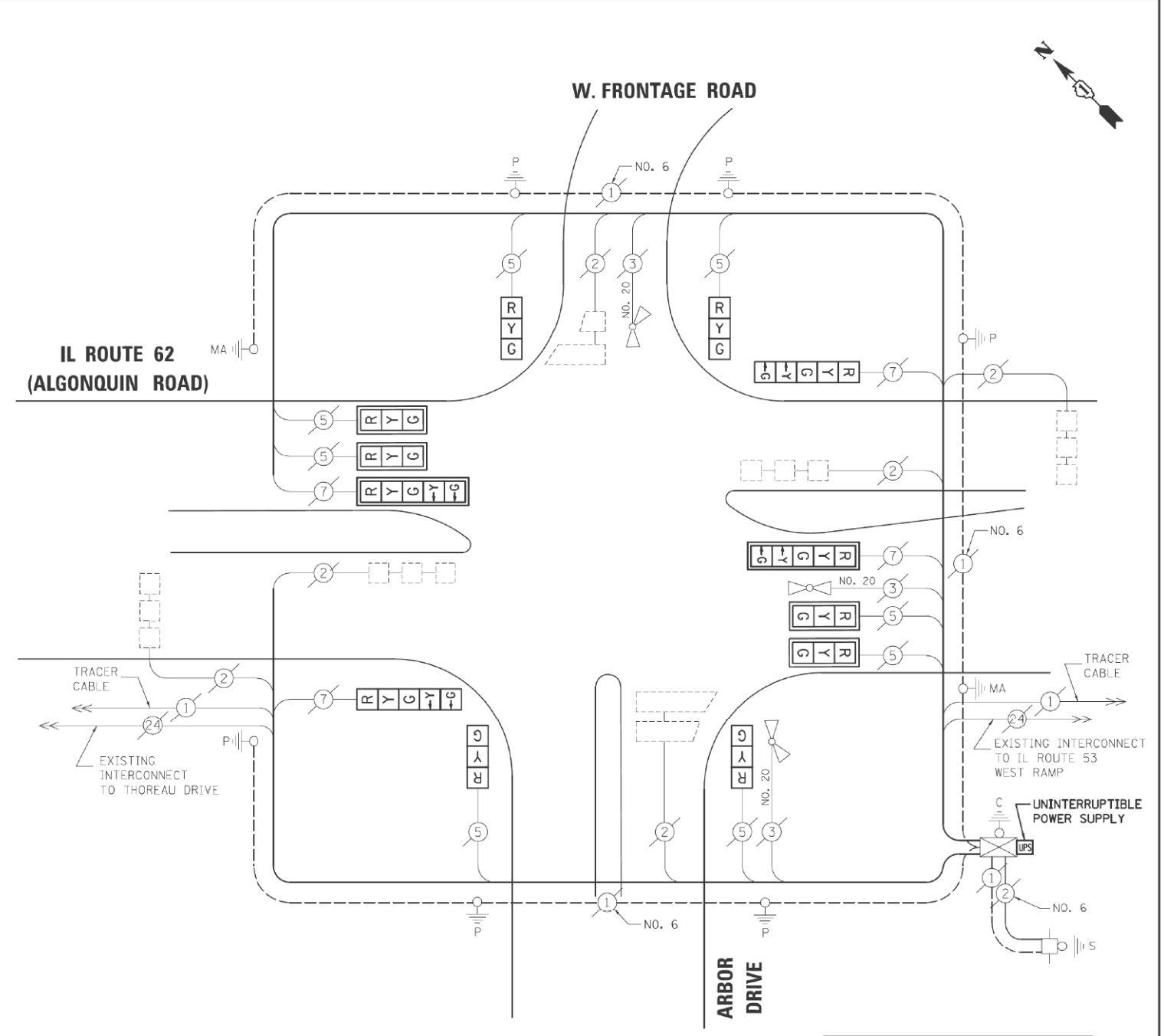
AS - BUILTS

JOHN BURNS CONSTRUCTION CO.

Date: 10/6/14 By: Ryan Bol

SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED, RETROFIT	EACH	4
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED, RETROFIT	EACH	4
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED, RETROFIT	EACH	2
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED, RETROFIT	EACH	2



CABLE PLAN

RETROFIT ALL VEHICULAR SIGNAL HEADS TO L.E.D.

NOTE: THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

TS* 2930 ROLLING MEADOWS

PREPARED BY:
CEMCON, Ltd.
 Consulting Engineers, Land Surveyors & Planners
 2280 White Oak Circle, Suite 100
 Aurora, Illinois 60504-2675
 Ph: 630.862.2100 Fax: 630.862.2199
 E-Mail: cadd@cemcon.com Website: www.cemcon.com

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION			
IL ROUTE 62 (ALGONQUIN ROAD) AT ARBOR DRIVE / W. FRONTAGE ROAD			
SCALE: N.T.S.	SHEET NO. OF SHEETS	STA. TO STA.	

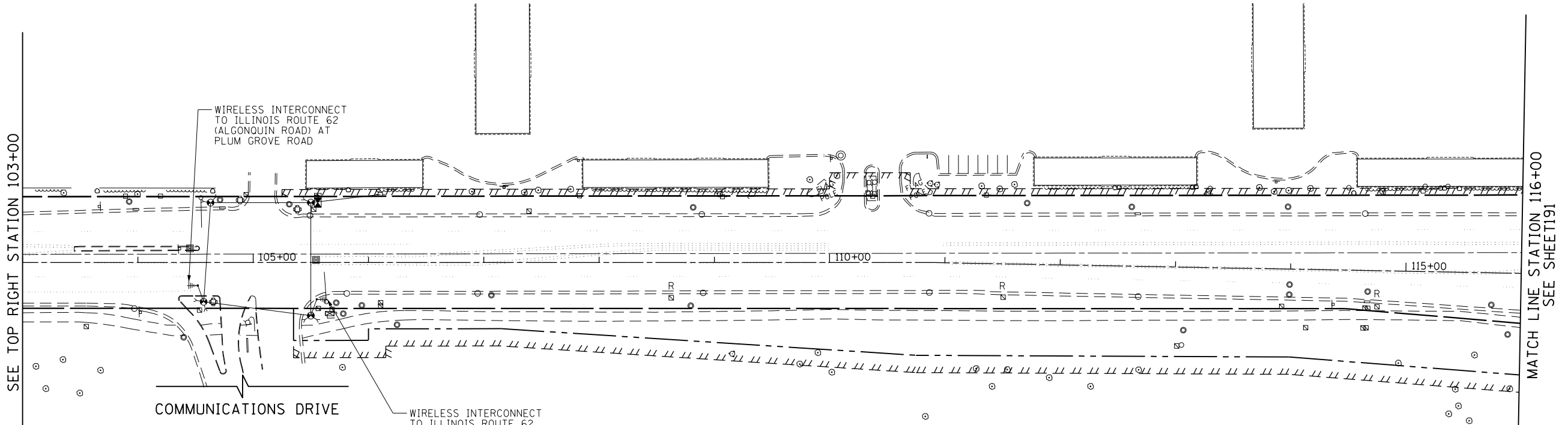
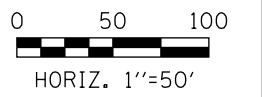
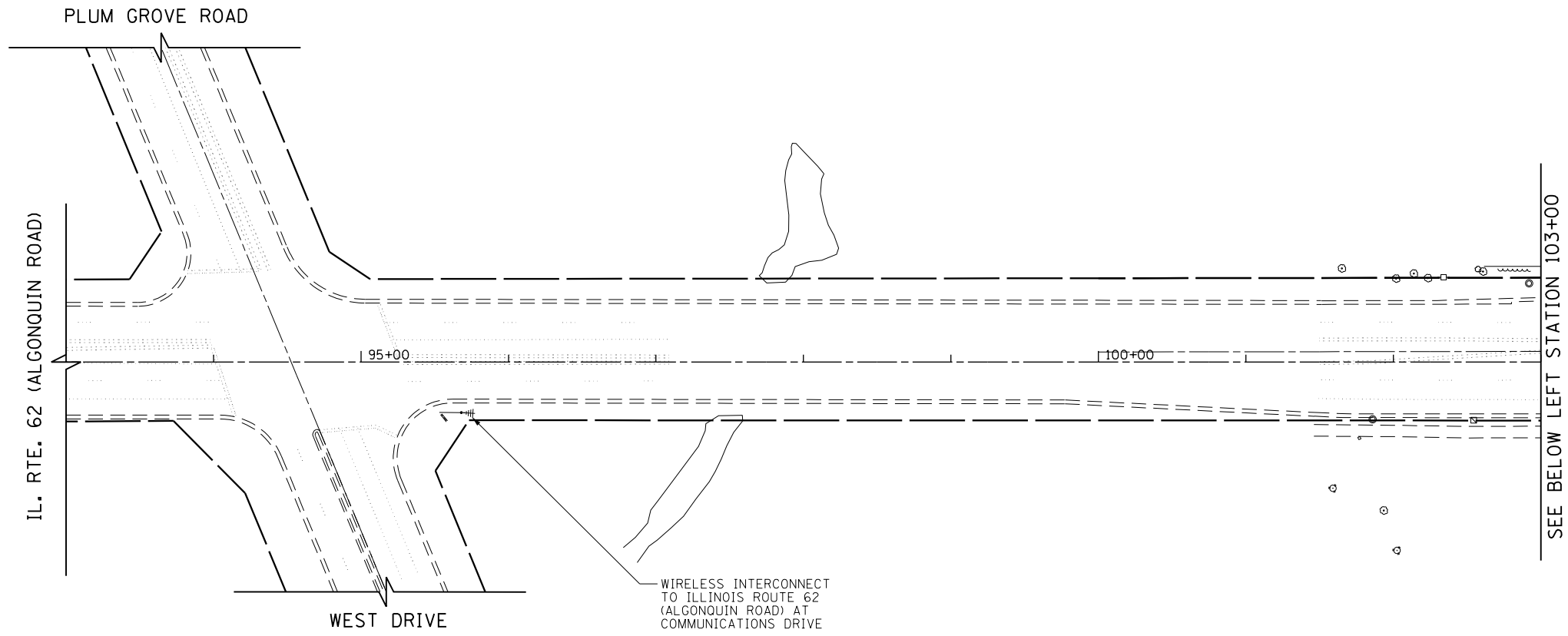
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0339	16-00068-00-WR	COOK	62	51
CONTRACT NO. 60W37				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FILE NAME: 50101-TS-400.dgn	USER NAME: Mibeening	DESIGNED - CEC	REVISED -
Default	PLOT SCALE: 1/8" = 1'-0"	DRAWN - CEC	REVISED -
	PLOT DATE: 4/2/2020	CHECKED - DWB	REVISED -
		DATE - 4/2/2020	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

IL 62 (ALGONQUIN ROAD) AND FRONTAGE ROAD AS-BUILT CABLE PLANS			
SCALE: NONE	SHEET 42 OF 52 SHEETS	STA. TO STA.	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0339	16-00068-00-WR	COOK	301	189
CONTRACT NO. 61G20				
ILLINOIS FED. AID PROJECT				



- NOTES:**
- EXISTING FIBER OPTIC AND TRACER CABLE SHALL BE MAINTAINED DURING CONSTRUCTION AND SHALL NOT BE REMOVED UNTIL THE TEMPORARY WIRELESS INTERCONNECT SYSTEM IS COMPLETE AND FULLY OPERATIONAL.
 - CONTRACTOR WILL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING FIBER OPTIC CABLE AND WILL BE REQUIRED TO REPLACE ANY DAMAGED CABLE AT NO ADDITIONAL COST.

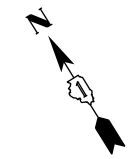
FILE NAME 50101-TS-901.dgn	USER NAME= Mibeening	DESIGNED - CEC	REVISED -
		DRAWN - CEC	REVISED -
		CHECKED - DWB	REVISED -
		DATE - 4/2/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

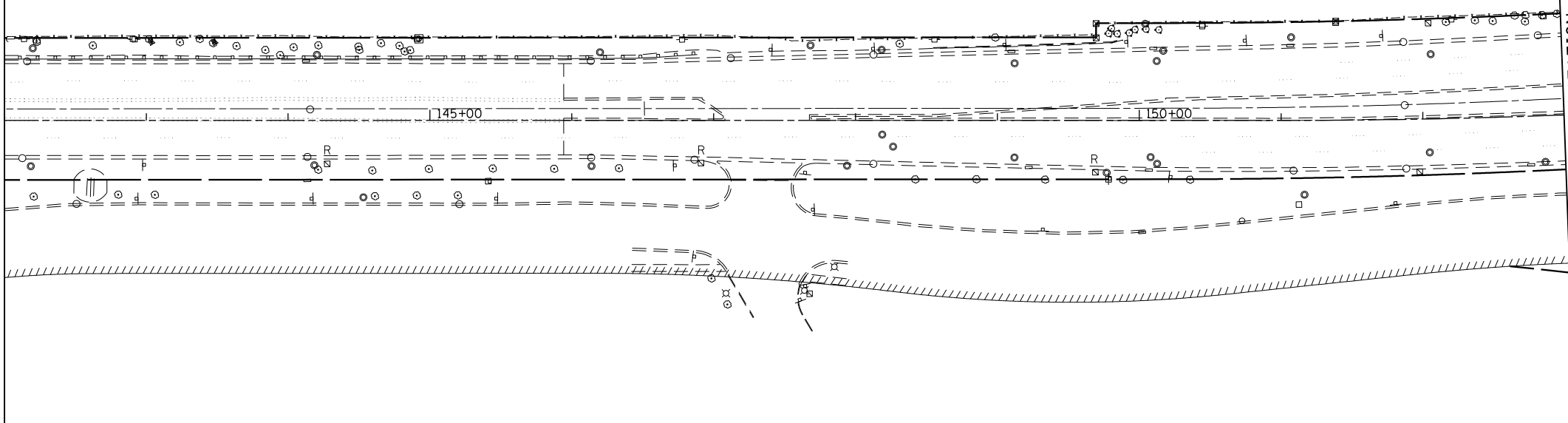
IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD TEMPORARY INTERCONNECT PLAN (SHEET 1 OF 4)			
SCALE: 1"=50'	SHEET 43 OF 52 SHEETS	STA. 103+00 TO STA. 129+50	

F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 190
CONTRACT NO. 61620				
ILLINOIS		FED. AID PROJECT		

ECON 96



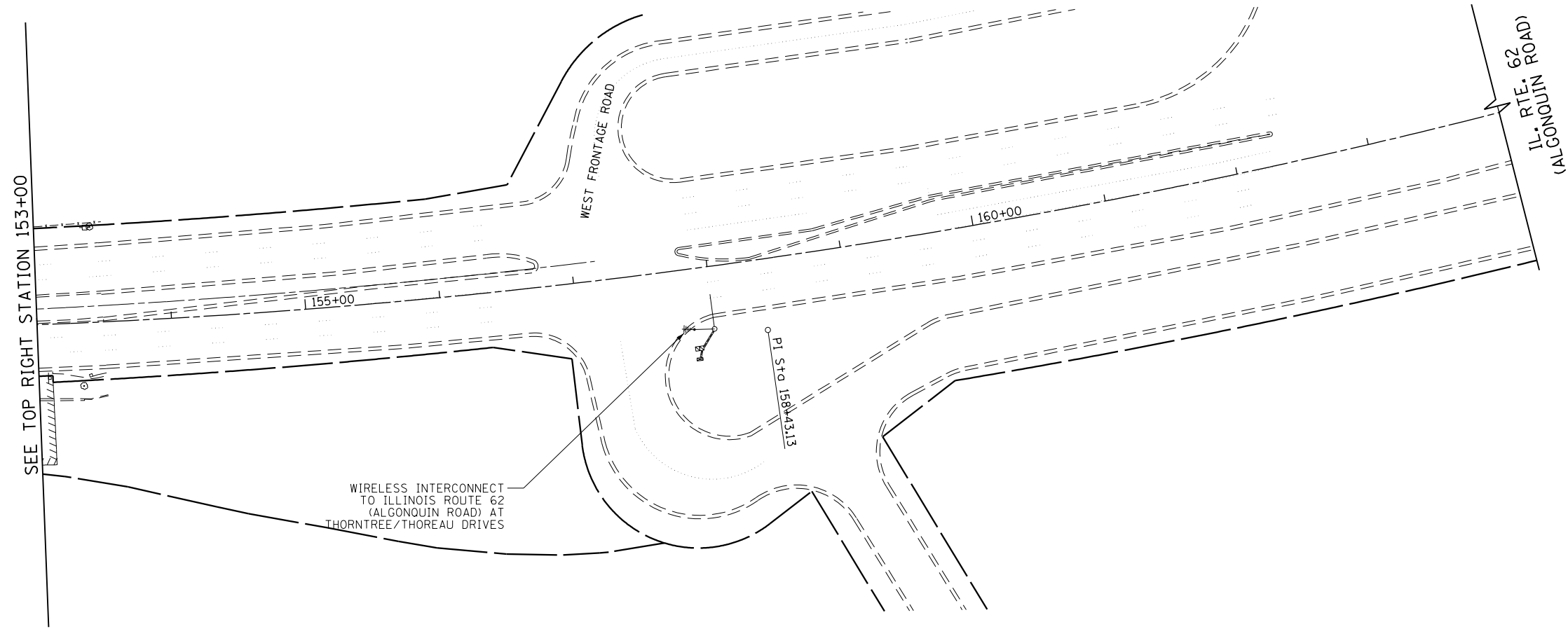
SEE SHEET 191
MATCH LINE STATION 142+00



SEE BELOW LEFT STATION 153+00

NOTES:

1. EXISTING FIBER OPTIC AND TRACER CABLE SHALL BE MAINTAINED DURING CONSTRUCTION AND SHALL NOT BE REMOVED UNTIL THE TEMPORARY WIRELESS INTERCONNECT SYSTEM IS COMPLETE AND FULLY OPERATIONAL.
2. CONTRACTOR WILL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING FIBER OPTIC CABLE AND WILL BE REQUIRED TO REPLACE ANY DAMAGED CABLE AT NO ADDITIONAL COST.



SEE TOP RIGHT STATION 153+00

FILE NAME 50101-TS-903.dgn*	USER NAME: Mibeening	DESIGNED - CEC	REVISED -
Default	PLOT SCALE: 100.0000' / in.	DRAWN - CEC	REVISED -
	PLOT DATE: 4/2/2020	CHECKED - DWB	REVISED -
		DATE - 4/2/2020	REVISED -

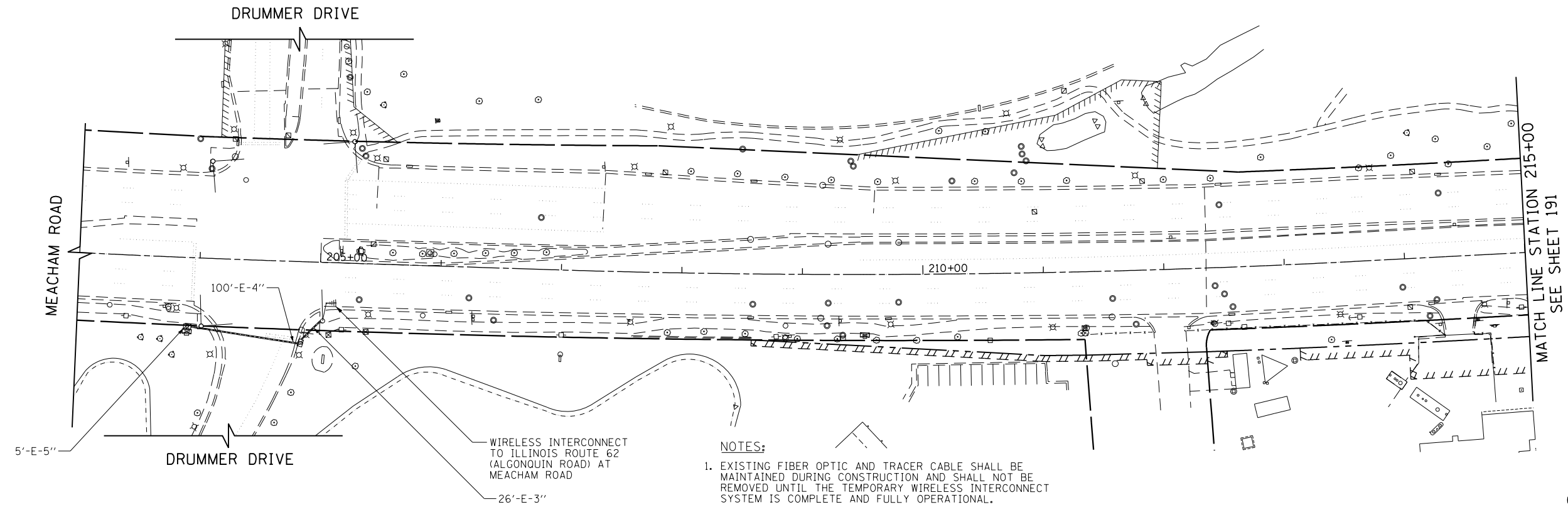
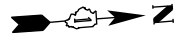
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD
TEMPORARY INTERCONNECT PLAN (SHEET 3 OF 4)**

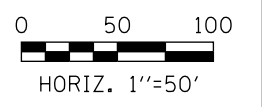
SCALE: 1"=50' SHEET 45 OF 52 SHEETS STA. 153+00 TO STA. 158+50

F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 192
CONTRACT NO. 61G20				
ILLINOIS		FED. AID PROJECT		

ECON 96



- NOTES:**
- EXISTING FIBER OPTIC AND TRACER CABLE SHALL BE MAINTAINED DURING CONSTRUCTION AND SHALL NOT BE REMOVED UNTIL THE TEMPORARY WIRELESS INTERCONNECT SYSTEM IS COMPLETE AND FULLY OPERATIONAL.
 - CONTRACTOR WILL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING FIBER OPTIC CABLE AND WILL BE REQUIRED TO REPLACE ANY DAMAGED CABLE AT NO ADDITIONAL COST.



FILE NAME 50101-TS-904.dgn	USER NAME: Mibeening	DESIGNED - CEC	REVISED -
Default	PLOT SCALE: 100.0000' / in.	DRAWN - CEC	REVISED -
	PLOT DATE: 4/2/2020	CHECKED - DWB	REVISED -
		DATE - 4/2/2020	REVISED -

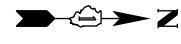
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD
TEMPORARY INTERCONNECT PLAN (SHEET 4 OF 4)**

SCALE: 1"=50' SHEET 46 OF 52 SHEETS STA. 203+00 TO STA. 215+00

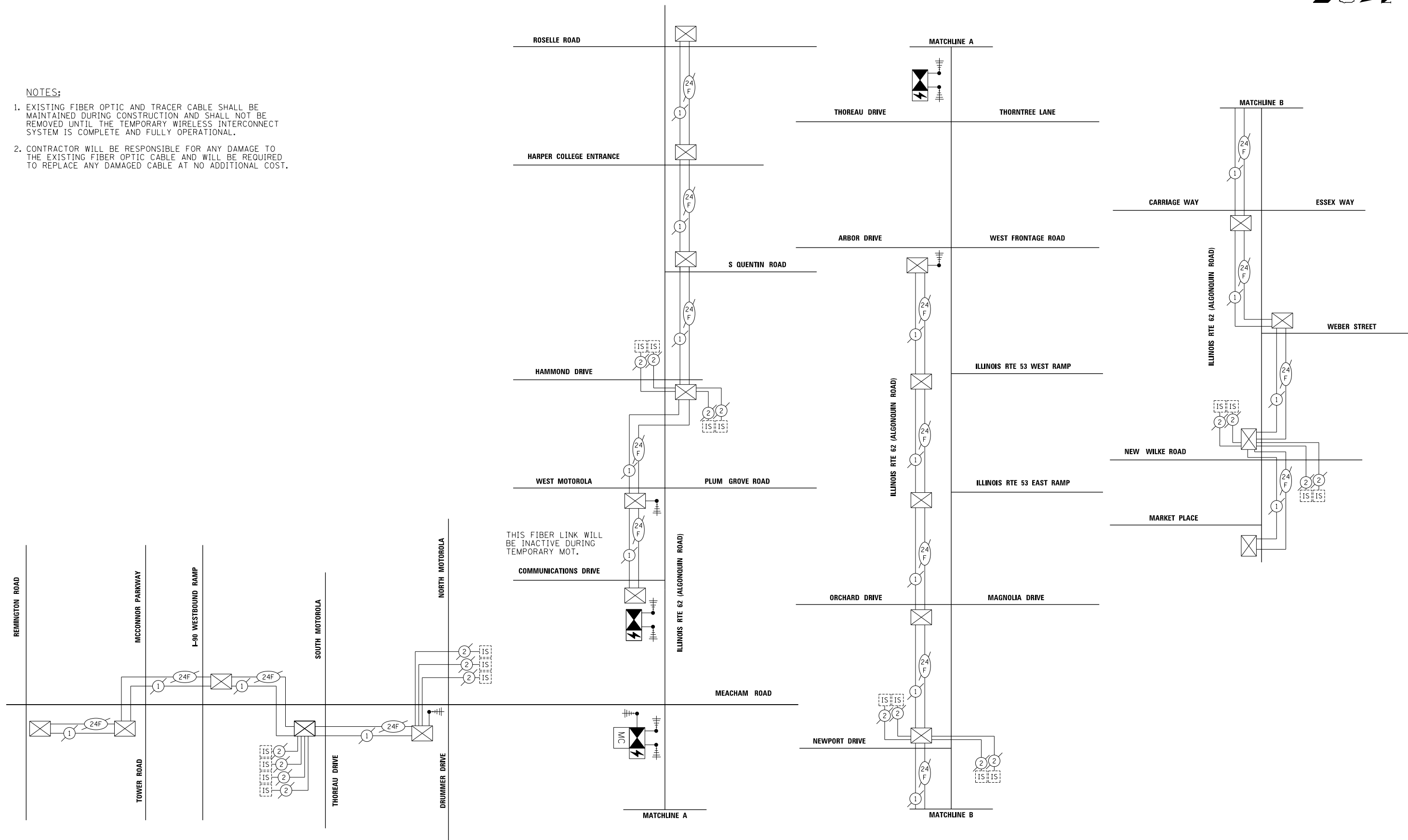
F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 193
CONTRACT NO. 61G20				
ILLINOIS FED. AID PROJECT				

ECON 96



NOTES:

1. EXISTING FIBER OPTIC AND TRACER CABLE SHALL BE MAINTAINED DURING CONSTRUCTION AND SHALL NOT BE REMOVED UNTIL THE TEMPORARY WIRELESS INTERCONNECT SYSTEM IS COMPLETE AND FULLY OPERATIONAL.
2. CONTRACTOR WILL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING FIBER OPTIC CABLE AND WILL BE REQUIRED TO REPLACE ANY DAMAGED CABLE AT NO ADDITIONAL COST.



FILE NAME 50101-TS-921.dgn	USER NAME= Mibeening	DESIGNED - CEC	REVISED -
Default	PLOT SCALE=200.0002' / in.	DRAWN - CEC	REVISED -
	PLOT DATE= 4/2/2020	CHECKED - DWB	REVISED -
		DATE - 4/2/2020	REVISED -

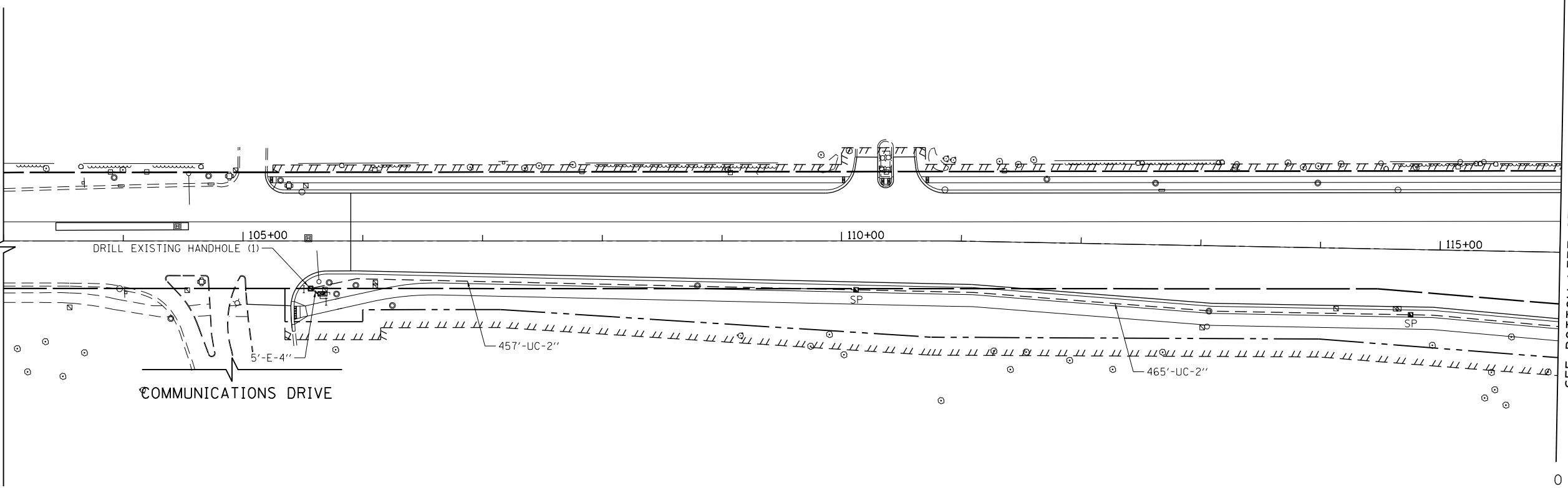
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD
TEMPORARY INTERCONNECT SCHEMATIC**

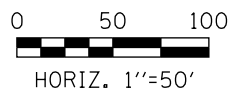
SCALE: N.T.S. SHEET 47 OF 52 SHEETS STA. TO STA.

F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 194
CONTRACT NO. 61G20				
ILLINOIS FED. AID PROJECT				

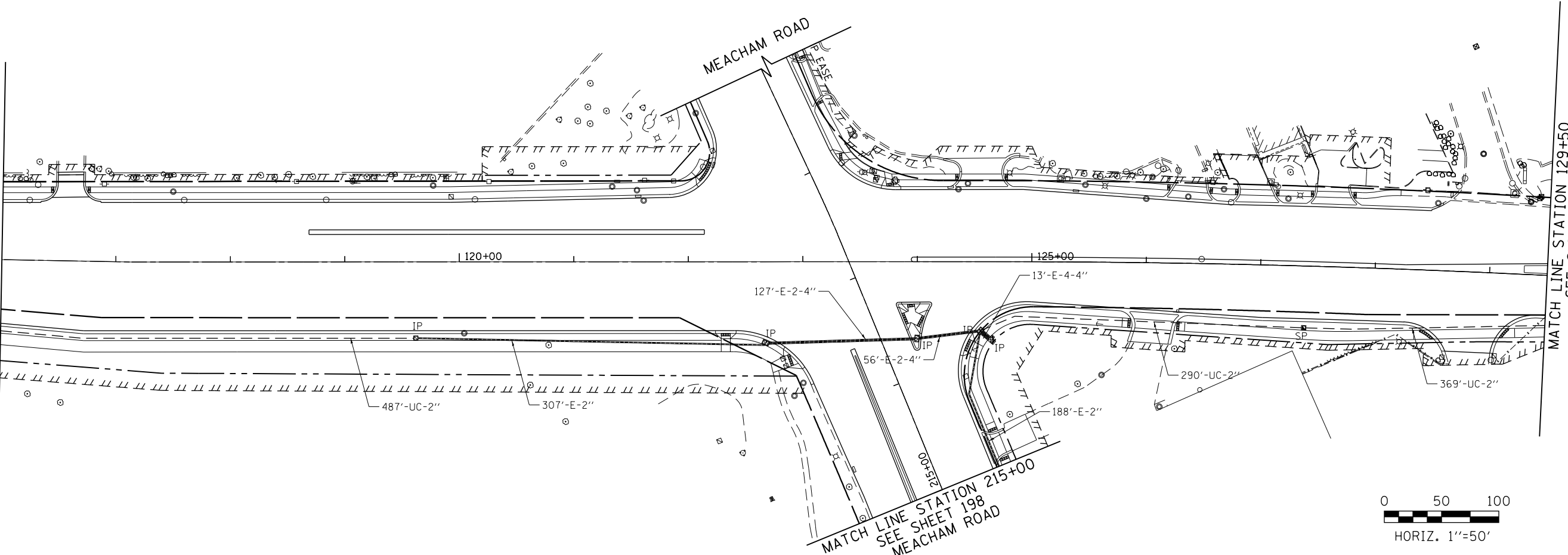
IL. RTE. 62 (ALGONQUIN ROAD)



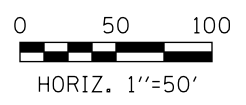
SEE BOTTOM LEFT STATION 116+00



SEE TOP RIGHT STATION 116+00



MATCH LINE STATION 129+50
SEE SHEET 196



FILE NAME
50101-TS-951.dgn*

Default

USER NAME: Mibeening

PLOT SCALE: 100.0000' / in.

PLOT DATE: 4/2/2020

DESIGNED - CEC

DRAWN - CEC

CHECKED - DWB

DATE - 4/2/2020

REVISED -

REVISED -

REVISED -

REVISED -

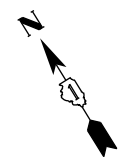
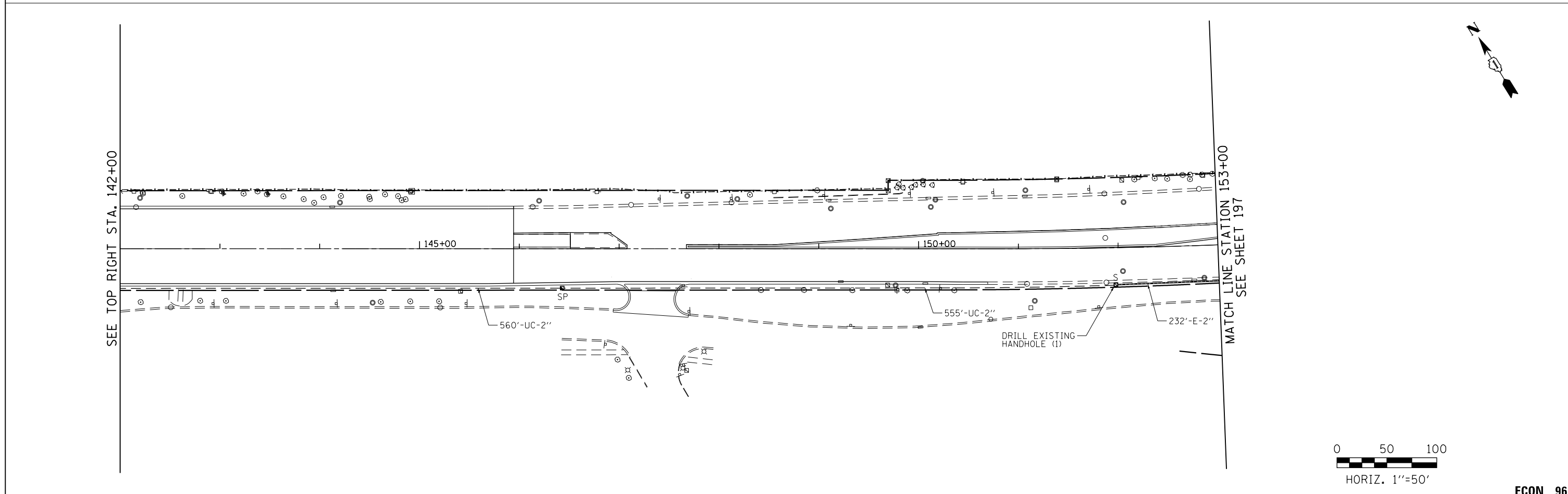
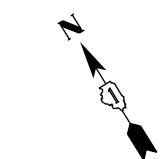
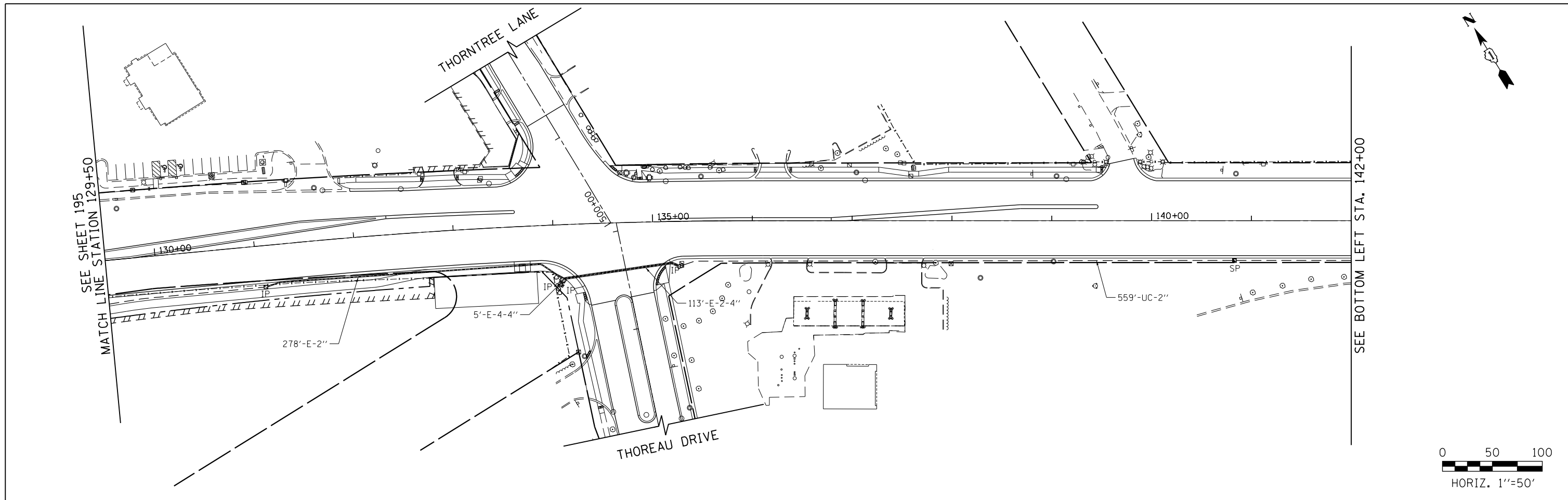
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD
PROPOSED INTERCONNECT PLAN (SHEET 1 OF 4)**

SCALE: 1"=50' SHEET 48 OF 52 SHEETS STA. 103+00 TO STA. 129+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0339	16-00068-00-WR	COOK	301	195
CONTRACT NO. 61G20				
ILLINOIS		FED. AID PROJECT		

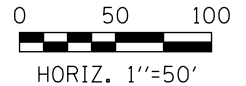
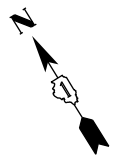
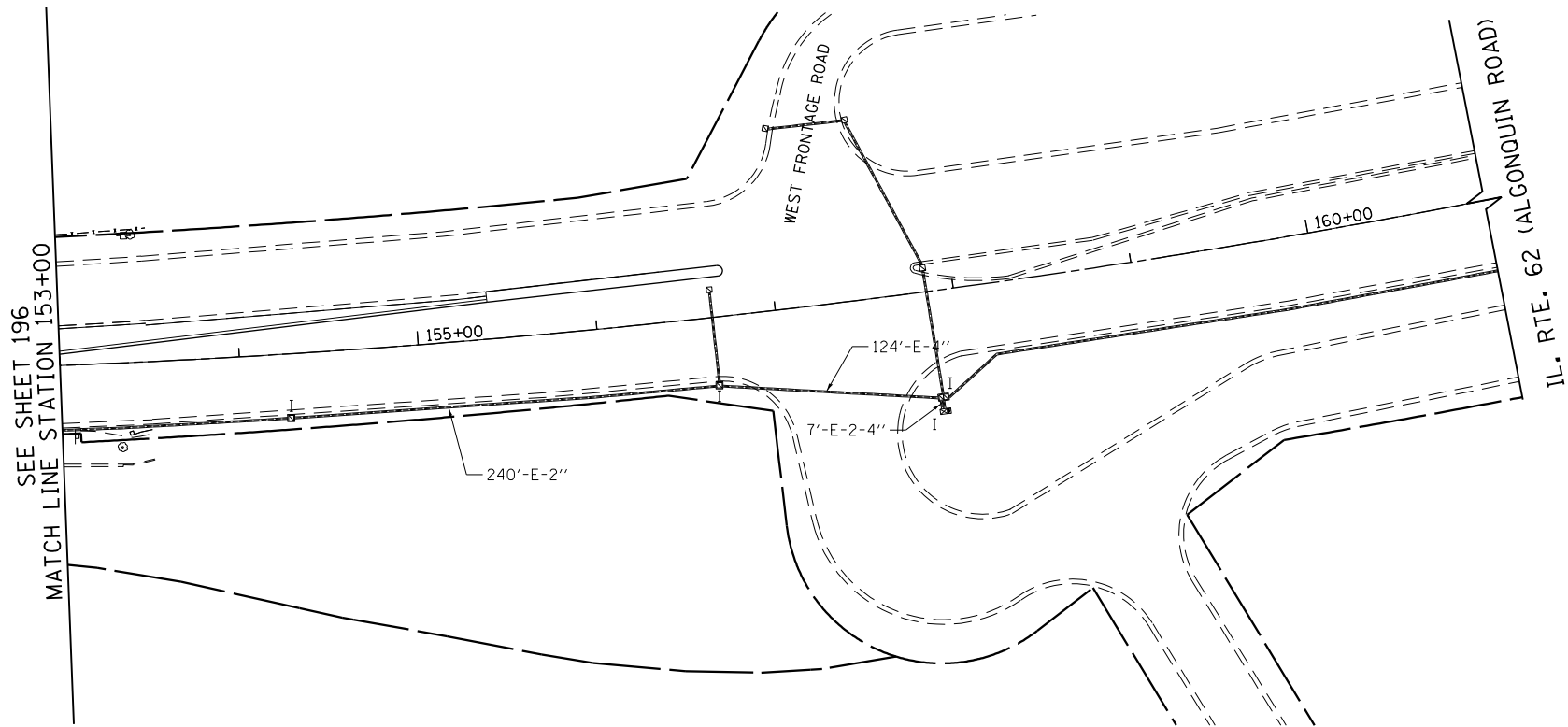
ECON 96



FILE NAME 50101-TS-952.dgn*	USER NAME= Mibeening	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD PROPOSED INTERCONNECT PLAN (SHEET 2 OF 4)	F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	Default	PLOT SCALE: 100.0000' / in.	CHECKED - DWB			REVISED -	0339	16-00068-00-WR	COOK	301
	PLOT DATE: 4/2/2020	DATE 4/2/2020	REVISED -		SCALE: 1"=50'	SHEET 49 OF 52 SHEETS		STA. 129+50	TO STA. 153+00	
						ILLINOIS		FED. AID PROJECT		

ECON 96

CONTRACT NO. 61G20



FILE NAME 50101-TS-953.dgn	USER NAME: Mibeening	DESIGNED - CEC	REVISED -
Default	PLOT SCALE: 100.0000' / in.	DRAWN - CEC	REVISED -
	PLOT DATE: 4/2/2020	CHECKED - DWB	REVISED -
		DATE - 4/2/2020	REVISED -

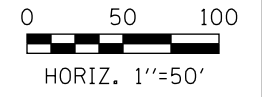
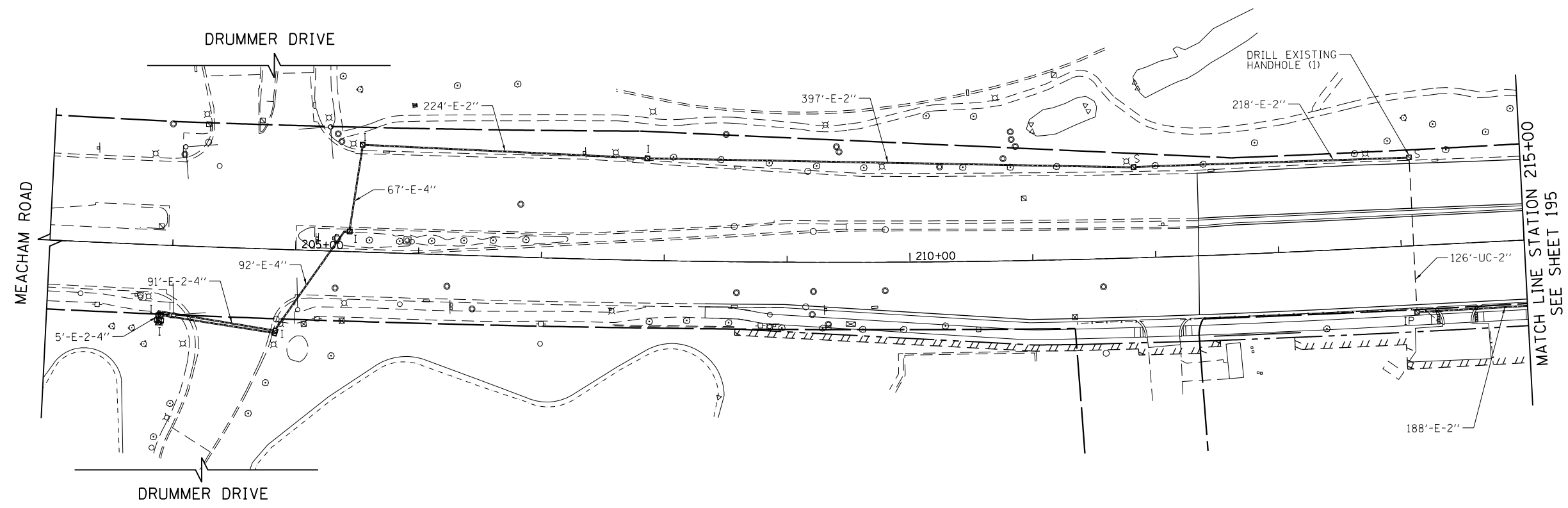
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD
PROPOSED INTERCONNECT PLAN (SHEET 3 OF 4)**

SCALE: 1"=50' SHEET 50 OF 52 SHEETS STA. 153+00 TO STA. 158+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0339	16-00068-00-WR	COOK	301	197
CONTRACT NO. 61G20				
		ILLINOIS	FED. AID PROJECT	

ECON 96



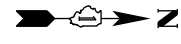
FILE NAME 50101-TS-954.dgn	USER NAME: Mibeening	DESIGNED - CEC	REVISED -
Default	PLOT SCALE: 100.0000' / in.	DRAWN - CEC	REVISED -
	PLOT DATE: 4/2/2020	CHECKED - DWB	REVISED -
		DATE 4/2/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD
PROPOSED INTERCONNECT PLAN (SHEET 4 OF 4)**

SCALE: 1"=50' SHEET 51 OF 52 SHEETS STA. 203+00 TO STA. 215+00

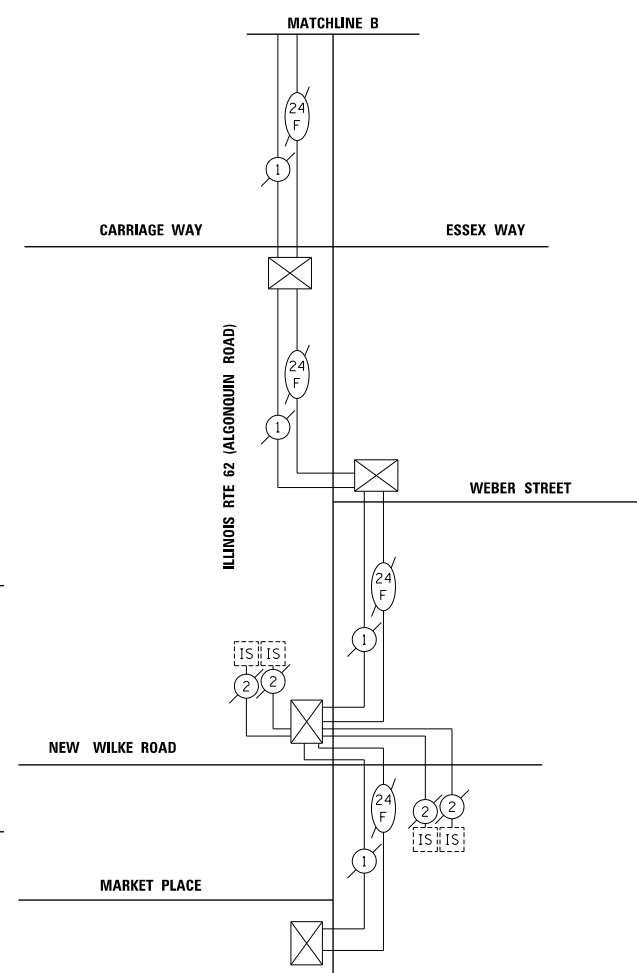
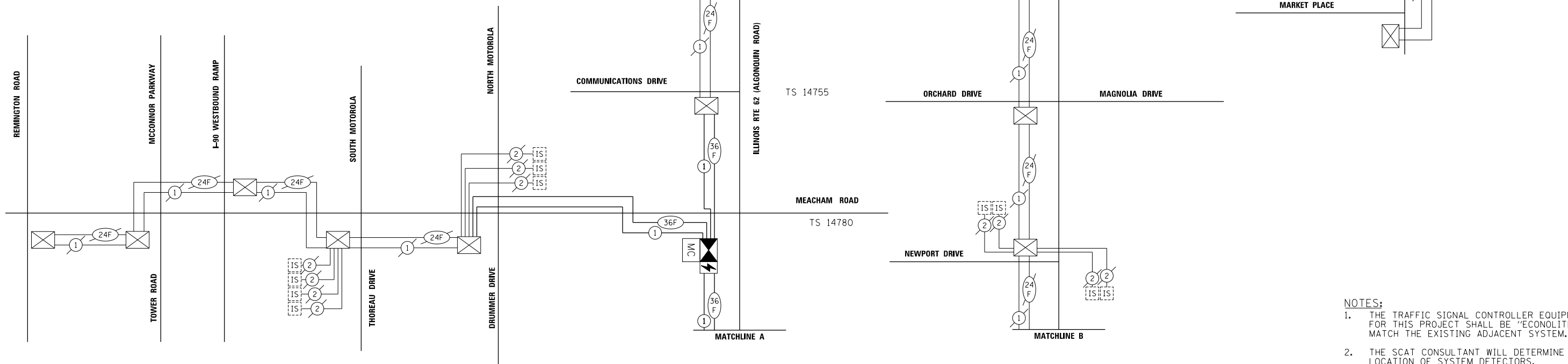
F.A.U. RTE. 0339	SECTION 16-00068-00-WR	COUNTY COOK	TOTAL SHEETS 301	SHEET NO. 198
			CONTRACT NO. 61G20	
		ILLINOIS	FED. AID PROJECT	



SCHEDULE OF INTERCONNECT QUANTITIES

PAY ITEM NAME	UNIT	QUANTITY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	3,868
HANDHOLE	EACH	5
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	3
TRANSCEIVER - FIBER OPTIC	EACH	2
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	6,977
DRILL EXISTING HANDHOLE	EACH	3
REMOVE EXISTING HANDHOLE	EACH	10
ROD AND CLEAN EXISTING CONDUIT	FOOT	250
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	7,100
RELOCATE EXISTING MASTER CONTROLLER	EACH	1
REMOVE FIBER OPTIC CABLE FROM CONDUIT	FOOT	7,100
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	2

• NOMINAL QUANTITY TO BE USED AS NEEDED.



- NOTES:**
1. THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.
 2. THE SCAT CONSULTANT WILL DETERMINE THE LOCATION OF SYSTEM DETECTORS.

SCHEDULE OF QUANTITIES

ITEM NAME	UNIT	QUANTITY
ELECTRIC SERVICE INSTALLATION	EACH	2
ELECTRIC UTILITY SERVICE CONNECTION	LSUM	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	2,805
HANDHOLE	EACH	1
UNIT DUCT, 600V, 3-1/C NO. 4, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	14,002
AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE	FOOT	3,693
LUMINAIRE INSTALLATION, TYPE I	EACH	56
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	8
LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 12 FT. MAST ARM	EACH	56
BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	56
LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 10"X8'	EACH	51
LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	EACH	5
REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	18
REMOVAL OF POLE FOUNDATION	EACH	18
REMOVE EXISTING LIGHTING CONTROLLER AND SALVAGE	EACH	1
REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1
REMOVE AND RELOCATE EXISTING LIGHTING CONTROLLER	EACH	1
LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	56
MAINTENANCE OF LIGHTING SYSTEM	CAL MO	20
LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 100AMP	EACH	2
RELOCATE EXISTING LIGHTING UNIT	EACH	2
TEMPORARY WOOD POLE, 50 FT., CLASS 4, 15 FT. MAST ARM	EACH	20
TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	26

GENERAL NOTES

- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL LIGHT POLES FOR EXAMINATION AND CONFIRMATION WITH THE RESIDENT ENGINEER. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO AUGURING FOR LIGHT POLE FOUNDATIONS. THE EXACT LOCATIONS OF ALL ITEMS SHALL BE CONFIRMED WITH THE RESIDENT ENGINEER.
- PROPOSED LIGHT POLES SHALL HAVE A SET-BACK MEASURED FROM THE FACE-OF-CURB TO THE CENTER OF POLE, AS INDICATED ON THE PLANS, OR AS OTHERWISE DIRECTED BY THE ENGINEER. ALL LIGHT POLES SHALL HAVE A MINIMUM SET BACK OF 3.0 FEET FROM THE FACE OF CURB.
- TO MAINTAIN THE STRUCTURAL INTEGRITY OF ALUMINUM POLES WITH MAST ARMS, THEY SHALL NOT BE ERECTED AND LEFT TO STAND WITHOUT LUMINAIRES. NOTE THAT THE CONTRACTOR SHALL NOT BE PAID FOR POLES UNTIL LUMINAIRES ARE INSTALLED.
- GROUNDING CONNECTIONS MADE TO THE FOUNDATION SHALL BE EXOTHERMICALLY WELDED, AS SPECIFIED.
- THE CONTRACTOR SHALL NOTE THE REQUIREMENTS FOR THE ELECTRICAL SERVICE FOR THE PROPOSED ROADWAY LIGHTING. IT IS THE CONTRACTOR'S RESPONSIBILITY FOR TIMELY NOTIFICATION AND COORDINATION WITH THE ELECTRIC UTILITY COMPANY.
- PARALLEL UNIT DUCT RUNS SHOWN ON THE PLANS SHALL BE PLACED IN A COMMON TRENCH.
- THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE SPECIFIED REQUIREMENTS FOR BURIED WARNING TAPE, SPECIFIED AS PART OF "TRENCH AND BACKFILL FOR ELECTRICAL WORK". THE INSTALLATION OF THE TAPE SHALL BE INSPECTED BY THE ENGINEER PRIOR TO BACKFILLING OR DURING PLOWING OPERATIONS, AS APPLICABLE.
- ALL CONDUIT IS PUSHED UNLESS OTHERWISE NOTED. CONDUIT LENGTHS SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE ACTUAL DISTANCE REQUIREMENTS IN THE FIELD.
- EXISTING LIGHT POLES TO BE REMOVED INCLUDING MAST ARMS, LUMINAIRES, AND ALL ASSOCIATED HARDWARE AND APPURTANCES AS SHOWN IN THE PLANS SHALL BE RETURNED TO THE VILLAGE OF SCHAUMBURG. THE CONTRACTOR SHALL CONTACT THE VILLAGE PUBLIC WORKS DEPARTMENT TO ARRANGE FOR THE DELIVERY OF SALVAGED EQUIPMENT.
- THE CONTRACTOR SHALL SUBMIT CONSTRUCTION SUBMITTALS ELECTRONICALLY THROUGH THE "TRAFFIC OPERATIONS CONSTRUCTION SUBMITTAL" (TOCS) SYSTEM FOR APPROVAL. ALL LOCAL OWNED/MAINTAINED EQUIPMENT WILL BE FIRST REVIEWED BY THE VILLAGE AND THE SHOP DRAWINGS WITH VILLAGE APPROVAL STAMP WILL BE SUBMITTED THROUGH THE TOCS SYSTEM.

FILE NAME 50101-LIGHTING-00.dgn'	USER NAME= Mibeening	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 62 (ALGONQUIN ROAD) AND MEACHAM ROAD ROADWAY LIGHTING PLAN	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE=100.0000' / in.	DRAWN - CEC	REVISED -			0339	16-00068-00-WR	COOK	301	200	
	PLOT DATE= 4/2/2020	CHECKED - DWB	REVISED -			CONTRACT NO. 61G20					
		DATE -4/2/2020	REVISED -			SCALE: 1"=50'	SHEET 1 OF 9 SHEETS	STA. N/A	TO STA. N/A	ILLINOIS FED. AID PROJECT	