

PROPOSED STORM PIPE SCHEDULE																
LOCATION			SLOPE	STORM SEWERS CLASS A										STORM SEWERS WATER MAIN REQUIREMENTS DIP		
ID NUMBER	UPSTREAM STRUCTURE ID NUMBER	DOWNSTREAM STRUCTURE ID NUMBER		TYPE 1 12" (FOOT)	TYPE 1 36" (FOOT)	TYPE 2 12" (FOOT)	TYPE 2 15" (FOOT)	TYPE 2 18" (FOOT)	TYPE 2 24" (FOOT)	TYPE 2 30" (FOOT)	TYPE 2 36" (FOOT)	TYPE 2 42" (FOOT)	TYPE 3 30" (FOOT)	TYPE 3 42" (FOOT)	TYPE 3 48" (FOOT)	TYPE 2 12" (FOOT)
INDIAN TRAIL ROAD			550A0050	550A0160	550A0340	550A0360	550A0380	550A0410	550A0430	550A0450	550A0730	550A0770	550A0780	Z0056668	Z0056669	
07069	EX 7	69	10.88%			25.0										
17059	17	59	0.47%			191.0										
25017	25	17	1.00%												31.0	
29021	29	21	0.17%							70.0						
28031	28	EX 29	9.00%			7.0										
41042	41	42	5.45%	16.0												
50051	50	51	3.07%				228.0									
51052	51	52	2.86%					245.0								
52053	52	53	0.30%									245.0				
53054	53	54	0.30%										244.0			
54055	54	55	0.73%											22.0		
55056	55	56	1.07%													
56057	56	57	0.89%						63.0							
59050	59	50	0.56%			27.0										
60050	60	50	0.54%			28.0										
61051	61	51	0.56%			27.0										
62051	62	51	0.56%			27.0										
63052	63	52	0.56%			27.0										
64052	64	52	0.56%			27.0										
65053	65	53	0.58%			26.0										
66053	66	53	0.58%			26.0										
67054	67	54	0.58%			26.0										
68054	68	54	0.58%			26.0										
69055	69	55	0.50%						49.0							
71056	71	56	2.06%			65.0										
72057	72	57	2.50%			32.0										
1000101	100	101	0.55%			58.0										
1010102	101	102	66.70%			7.0										
1020103	102	103	0.10%							243.0						
1030104	103	104	0.10%							185.0						
1040105	104	105	0.25%							4.0						
1050106	105	106	1.69%							67.0						
1070108	107	108	2.28%			58.0										
1080103	108	103	6.67%			6.0										
1090105	109	105	4.80%		5.0											
1100105	110	105	1.17%			12.0										
1110106	111	106	3.33%			6.0										
1120113	112	113	1.24%					21.0								
1130114	113	114	0.16%						64.0							
1140105	114	105	0.15%						168.0							
1150116	115	116	6.81%			11.0										
1160112	116	112	0.75%			12.0										
1170118	117	118	2.24%			58.0										
1180114	118	114	4.00%			8.0										
1190120	119	120	0.50%	45.0												
1210122	121	122	5.60%	10.0												
123071	123	71	1.13%	16.0												
124069	124	69	3.00%					75.0								
1250124	125	124	6.99%					67.0								
1260124	126	124	5.38%					79.0								
1270126	127	126	5.52%					33.0								
128059	128	59	0.50%	24.0												
CHURCH ROAD																
102	1	2	0.52%				126.0									
204	2	4	0.54%				71.0									
701	7	1	0.50%			31.0										
801	8	1	0.50%			27.0										
1002	10	2	0.50%			14.0										
1102	11	2	0.50%			26.0										
1906	19	6	2.00%			31.0										
2006	20	6	1.65%			65.0										
3108	31	8	0.50%			8.0										
4014	4	14	0.50%				54.0									
6029	6	29	1.00%					133.0								
9010	9	10	1.00%			50.0										
12014	12	14	0.50%			12.0										
13011	13	11	0.50%			35.0										
14015	14	15	0.56%													34.0
15029	15	29	0.67%					21.0								
16015	16	15	0.54%											13.0		
18019	18	19	0.50%			34.0										
24019	24	19	0.59%			17.0										
27024	27	24	1.21%			33.0										
30031	30	31	0.50%			125.0										
TOTAL				111.0	5.0	1,331.0	479.0	520.0	154.0	414.0	499.0	146.0	245.0	266.0	13.0	34.0

HRG PROJECT NO.: 191891
 HRG PROJ. CONTACT:
 FILE NAME: 191891-117-DrainSchedule.dwg
 PLOT DATE: 3/28/2023
 PEN TABLE: 191891.tbl



USER NAME = jstrzal
 PLOT SCALE = 100,0000' / in.
 PLOT DATE = 3/28/2023

DESIGNED - KH
 DRAWN - DMS
 CHECKED - JJS
 DATE -

REVISED -
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 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULE - PIPES
 INDIAN TRAIL ROAD

SCALE: N.T.S. SHEET 12 OF 15 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	103
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				

PROPOSED STORM STRUCTURE SCHEDULE										
STR. ID	STATION	OFFSET	GEOPAK ALIGNMENT	STRUCTURE TYPE	MANHOLES, CB & INLETS RIM EL.	STORM SEWER INVERTS				NOTES
						NORTH	WEST	SOUTH	EAST	
INDIAN TRAIL ROAD										
EX 5	15+41.81	-33.8	PRCL_INDTRAIL	EX MH	697.59					LID UNOPENABLE
EX 6	26+70.29	41.0	PRCL_INDTRAIL	EX MH	707.35	EX 703.45	EX 703.05		EX 706.15	EX NORTH INV TO BE PATCHED
EX 7	27+12.87	82.0	PRCL_INDTRAIL	EX MH	712.77	EX 705.02		EX 705.02		EX SOUTH INV TO REMAIN
EX 8	42+60.19	-4.2	PRCL_INDTRAIL	EX MH	745.79	EX 740.14	EX 739.69		EX 739.64	
EX 29	41+03.34	32.2	PRCL_INDTRAIL	EX MH	746.85	EX 741.90		EX 742.75		CONNECT EX INV (S)
17	39+25.00	-48.0	PRCL_INDTRAIL	CB TA 4 DIA T23F&G SPL	747.25	NE 741.57	SW 741.40			
21	41+04.47	-4.9	PRCL_INDTRAIL	MH TA 6 2 T1FCL RP	747.38	EX 742.38		740.63	EX 741.88	EX 740.63
25	39+44.44	-73.8	PRCL_INDTRAIL	INLETS TA W/ SPL F&G	747.16				SW 741.80	
28	41+03.00	40.3	PRCL_INDTRAIL	INLETS TA T8G	746.50	743.38				
29	40+30.00	-4.9	PRCL_INDTRAIL	MH TA 6 T1FCL	747.80	742.34		740.75		740.75
41	40+95.60	-48.1	PRCL_INDTRAIL	INLETS TA T8G	747.42				744.92	
42	41+00.00	-31.5	PRCL_INDTRAIL	EX MH	746.93	EX 743.98			EX 743.23	CONNECT EX INV (N)
50	37+32.00	0	PRCL_INDTRAIL	MH TA 4 T1FCL	745.11	740.35		740.00	740.35	
51	35+00.00	0	PRCL_INDTRAIL	MH TA 6 T1FCL	739.32	734.47		732.00	734.47	732.99
52	32+50.00	0	PRCL_INDTRAIL	MH TA 6 T1FCL	729.80	724.85		712.25	724.85	725.00
53	30+00.00	0	PRCL_INDTRAIL	MH TA 7 2 T1FCL RP	719.85	714.85		701.15	714.85	711.50
54	27+50.00	0	PRCL_INDTRAIL	MH TA 7 T1FCL	711.09	705.35		699.67	706.15	700.42
55	27+21.21	0	PRCL_INDTRAIL	MH TA 9 T1FCL	709.70	701.60		698.48		699.51
56	25+70.00	0	PRCL_INDTRAIL	MH TA 6 T1FCL	707.20	700.55			SW 696.92	696.92
57	25+18.04	43.6	PRCL_INDTRAIL	MH TA 7 T1FCL	705.30	NE 696.36			EX 696.36	EX 700.31, 699.70
59	37+32.00	-30.0	PRCL_INDTRAIL	CB TA 4 DIA T24F&G SPL	744.51				740.68	NE 740.50
60	37+32.00	30.0	PRCL_INDTRAIL	CB TC T24F&G	744.51	740.50				
61	35+00.00	-30.0	PRCL_INDTRAIL	CB TC T24F&G	738.72				734.62	
62	35+00.00	30.0	PRCL_INDTRAIL	CB TC T24F&G	738.72	734.62				
63	32+50.00	-30.0	PRCL_INDTRAIL	CB TC T24F&G	729.20				725.00	
64	32+50.00	30.0	PRCL_INDTRAIL	CB TC T24F&G	729.20	725.00				
65	30+00.00	-30.0	PRCL_INDTRAIL	CB TC T24F&G	719.25				715.00	
66	30+00.00	30.0	PRCL_INDTRAIL	CB TC T24F&G	719.25	715.00				
67	27+50.00	-30.0	PRCL_INDTRAIL	CB TC T24F&G	710.49				705.50	
68	27+50.00	30.0	PRCL_INDTRAIL	CB TC T24F&G	710.49	706.30				
69	27+21.21	-54.6	PRCL_INDTRAIL	MH TA 6 DIA T8G	706.00	702.30			701.85	702.30
71	25+48.00	-65.3	PRCL_INDTRAIL	CB TA 4 DIA T24F&G SPL	704.89				701.89	SE 701.89
72	25+53.60	40.3	PRCL_INDTRAIL	CB TC T24F&G	704.64			700.50		
100	23+50.00	30.0	PRCL_INDTRAIL	INLETS TA T24FG	702.09	698.09				
101	23+50.00	-30.0	PRCL_INDTRAIL	CB TA 4 DIA T24F&G SPL	702.09	697.67			697.77	
102	23+50.00	-40.0	PRCL_INDTRAIL	MH TA 5 T1FCL	702.25			690.00	693.00	
103	21+00.00	-40.0	PRCL_INDTRAIL	MH TA 7 T1FCL	697.22			689.75	692.16	689.75
104	19+10.00	-40.0	PRCL_INDTRAIL	MH TA 6 DIA 2 T1FCL RP	694.90			689.56		689.56
105	19+00.00	-40.0	PRCL_INDTRAIL	MH TA 9 DIA T1FCL	694.88	689.52	SW691.57, W689.52		689.52	689.55
106	18+93.55	34.8	PRCL_INDTRAIL	MH TA 9 DIA T1FCL	695.19	688.39	NW 691.01		EX 688.39	CONNECT EX INV (S)
107	21+00.00	30.0	PRCL_INDTRAIL	INLETS TA T24FG	696.98	693.98				
108	21+00.00	-30.0	PRCL_INDTRAIL	CB TA 4 DIA T24F&G SPL	696.98	692.56			692.66	
109	19+00.00	-50.0	PRCL_INDTRAIL	PRC FLAR END SEC 36	N/A				690.33	
110	18+88.76	-30.0	PRCL_INDTRAIL	CB TA 4 DIA T24F&G SPL	694.72					NE 691.71
111	18+84.47	30.0	PRCL_INDTRAIL	CB TA 4 DIA T24F&G SPL	694.72				SE 691.21	
112	16+56.48	-65.5	PRCL_INDTRAIL	MH TA 6 DIA T1FCL	697.98	EX 692.93			691.10	692.71
113	16+56.00	-40.0	PRCL_INDTRAIL	MH TA 6 DIA T1FCL	697.98	690.84				689.88
114	17+25.00	-40.0	PRCL_INDTRAIL	MH TA 7 T1FCL	696.00			689.78	690.89	689.78
115	16+82.84	-59.9	PRCL_INDTRAIL	INLETS TA T8G	697.00			694.00		
116	16+70.75	-58.9	PRCL_INDTRAIL	CB TA 4 DIA T24F&G SPL	696.50			692.80		693.25
117	17+25.00	30.0	PRCL_INDTRAIL	INLETS TA T24FG	695.86	692.61				
118	17+25.00	-30.0	PRCL_INDTRAIL	CB TA 4 DIA T24F&G SPL	695.86	691.21			691.31	
119	15+89.06	-54.4	PRCL_INDTRAIL	INLETS TA W/ SPL F&G	697.61				SW 694.61	
120	15+51.13	-27.7	PRCL_INDTRAIL	CB TA 4 DIA W/ SPL F&G	696.89	NE 694.38	EX 694.04			CONNECT EX INV (W)
121	14+95.85	-44.4	PRCL_INDTRAIL	INLETS TA T8G	699.65				696.65	
122	14+95.69	-32.6	PRCL_INDTRAIL	MH TA 5 DIA T1FCL SPL	698.27	696.09				
123	25+64.22	-58.3	PRCL_INDTRAIL	INLETS TA T8G	705.07			702.07		
124	28+00.25	-43.6	PRCL_INDTRAIL	CB TA 6 DIA T8G	710.4	NE 704.55			704.55	
125	28+67.78	-75.6	PRCL_INDTRAIL	PRC FLAR END SEC 18	N/A			709.23		
126	28+82.70	-47.6	PRCL_INDTRAIL	CB TA 4 DIA T8G	712.3					708.8
127	29+17.43	-66.0	PRCL_INDTRAIL	PRC FLAR END SEC 18	N/A			710.62		
128	37+34.79	-54.2	PRCL_INDTRAIL	INLETS TA T8G	742.97				740.80	
MITCHELL ROAD										
EX 9	114+76.99	26.6	PRCL_MITCHELL	EX MH	699.67	EX 693.97			EX 693.97	
HIGH STREET										
EX 10	202+68.95	-1.1	PRCL_HIGH	EX MH	702.40	EX 694.8	EX 698.20	EX 694.85	EX SE 697.40	
CHURCH ROAD										
1	310+50.00	0	PRCL_CHURCH	MH TA 4 DIA T1FCL	750.95			745.81	744.47	746.14
2	309+20.00	0	PRCL_CHURCH	MH TA 6 DIA T1FCL	750.15	743.82		745.29	743.82	744.33
4	308+45.00	0	PRCL_CHURCH	MH TA 4 DIA T1FCL	749.10				743.44	743.44
6	306+50.00	0	PRCL_CHURCH	MH TA 5 T1FCL	747.61			742.43	742.43	742.08
7	310+64.43	29.2	PRCL_CHURCH	INLETS TA T8G	749.80			NW 746.30		

HRG PROJECT NO: 19191
 HRG PROJ CONTACT:
 FILE NAME: 19191-STR-DrainSchedules.dgn
 PEN TABLE: 19191.tbl



USER NAME = jstrzal	DESIGNED - KH	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - JJS	REVISED -
PLOT DATE = 3/28/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULE - STRUCTURES
INDIAN TRAIL ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	104
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				

PROPOSED STORM STRUCTURE SCHEDULE										
STR. ID	STATION	OFFSET	GEOPAK ALIGNMENT	STRUCTURE TYPE	MANHOLES, CB & INLETS RIM EL.	STORM SEWER INVERTS				NOTES
						NORTH	WEST	SOUTH	EAST	
CHURCH ROAD										
8	310+50.00	-29.2	PRCL_CHURCH	CB TA 4 DIA T9 F&G	750.37	NW 745.95		SE 745.95		
9	309+69.85	33.6	PRCL_CHURCH	INLETS TA T8G	748.82		744.90			
10	309+20.00	18.0	PRCL_CHURCH	CB TA 4 DIA W/ SPL F&G	749.79		NW 744.40		744.40	
11	309+20.00	-30.0	PRCL_CHURCH	CB TA 4 DIA T9 F&G	749.55		745.42		SE 745.42	
12	308+37.07	53.5	PRCL_CHURCH	INLETS TA T8G	746.80			SW 743.8		
13	308+86.36	-41.9	PRCL_CHURCH	INLETS TA T8G	748.02				745.60	
14	308+22.32	51.8	PRCL_CHURCH	MH TA 5 DIA T23FG	748.11	743.74	743.17	743.17		
15	307+85.34	64.8	PRCL_CHURCH	MH TA 5 DIA T24FG	747.57	742.98	743.58	742.48		
16	307+75.83	52.8	PRCL_CHURCH	INLETS TA W/ SPL F&G	747.65				743.65	
18	306+69.92	45.8	PRCL_CHURCH	INLETS TA T8G	746.22		SW 743.22			
19	306+36.25	30.8	PRCL_CHURCH	CB TA 4 DIA W/ SPL F&G	746.95	NW 743.05	SW 743.40		NE 743.05	
20	305+98.36	-41.2	PRCL_CHURCH	INLETS TA T24FG	747.10				743.50	
24	306+15.60	30.8	PRCL_CHURCH	CB TA 4 DIA W/ SPL F&G	747.10			743.60	NE 743.50	
27	305+81.03	37.5	PRCL_CHURCH	INLETS TA T8G	746.96	744.00				
30	311+75.00	-35.0	PRCL_CHURCH	INLETS TA T8G	749.62		SW 746.62			
31	310+50.00	-40.0	PRCL_CHURCH	CB TA 4 DIA T8G	749.90			SE 745.99	745.99	

* ELEVATION ESTIMATED - FIELD VERIFICATION REQUIRED

HRG PROJECT NO.: 19199
 HRG PROJ. CONTACT:
 FILE NAME: 19199-STR-DrainSchedTables.dgn
 PLOT DATE: 3/28/2023
 PEN TABLE: 19199.tbl



USER NAME = jstrzal	DESIGNED - KH	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - JJS	REVISED -
PLOT DATE = 3/28/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULE - STRUCTURES
INDIAN TRAIL ROAD

SCALE: N.T.S. SHEET 14 OF 15 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	105
CONTRACT NO. 61H85			ILLINOIS FED. AID PROJECT	

LABEL	LOCATION			CONFLICT TYPE	TOP OF PIPE ELEVATION	BOTTOM OF PIPE ELEVATION	CLEARANCE (FOOT)	MITIGATION
	STORM PIPE NUMBER	STATION	OFFSET (+ RT, - LT)					
INDIAN TRAIL ROAD								
C-1	1120113	16+56.2	-52.02	VERTICAL CROSSING	693.9	690.9	-3	GAS MAIN TO BE RELOCATED BY OTHERS
C-2	1160112	16+64.3	-61.89	VERTICAL CROSSING	693.9	692.85	-1.05	GAS MAIN TO BE RELOCATED BY OTHERS
C-3	1170118	17+24.9	23.70	VERTICAL CROSSING	689.65	692.58	2.93	NONE. STORM SEWER CROSSES OVER WATER MAIN BY 2.93'
C-4	1170118	17+24.9	-12.62	VERTICAL CROSSING	688.00	692.35	4.35	NONE. STORM SEWER CROSSES OVER WATER MAIN BY 4.35'
C-5	1170118	17+25.0	30.35	VERTICAL CROSSING	692.00	691.60	-0.40	GAS MAIN TO BE RELOCATED BY OTHERS
C-6	1050106	18+97.0	19.49	VERTICAL CROSSING	691.90	688.60	-3.30	GAS MAIN TO BE RELOCATED BY OTHERS
C-7	1050106	18+94.6	24.23	VERTICAL CROSSING	688.25	688.54	0.29	SEE DETAIL. STORM SEWER CROSSES OVER WATER MAIN BY 0.29'
C-8	1050106	18+98.2	-13.60	VERTICAL CROSSING	688.10	688.79	0.69	SEE DETAIL. STORM SEWER CROSSES OVER WATER MAIN BY 0.69'
C-9	1070108	21+00.0	31.11	VERTICAL CROSSING	691.90	688.60	-3.30	GAS MAIN TO BE RELOCATED BY OTHERS
C-10	1070108	21+00.0	24.96	VERTICAL CROSSING	693.20	693.70	0.50	NONE. STORM SEWER CROSSES OVER WATER MAIN BY 0.50'
C-11	1070108	21+00.0	-13.47	VERTICAL CROSSING	690.59	692.68	2.09	NONE. STORM SEWER CROSSES OVER WATER MAIN BY 2.09'
C-12	1000101	23+50.0	-13.20	VERTICAL CROSSING	694.75	697.84	3.09	NONE. STORM SEWER CROSSES OVER WATER MAIN BY 3.09'
C-13	1000101	23+49.9	25.23	VERTICAL CROSSING	690.06	694.80	4.74	NONE. STORM SEWER CROSSES OVER WATER MAIN BY 4.74'
C-14	72057	25+32.7	42.24	VERTICAL CROSSING	694.56	700.39	5.83	NONE. STORM SEWER CROSSES OVER SANITARY SEWER BY 5.83'
C-15	56057	25+32.7	31.30	VERTICAL CROSSING	698.49	696.10	-2.39	NONE. STORM SEWER CROSSES UNDER SANITARY SEWER BY 2.39'
C-16	56057	25+37.8	27.08	VERTICAL CROSSING	699.00 WM	696.25 ST	-	WATER MAIN LOWERING. PAID PER FOOT AS ADJ WATER MAIN 16.
C-17	71056	25+51.7	-54.57	VERTICAL CROSSING	696.16	700.67	4.51	NONE. STORM SEWER CROSSES OVER SANITARY SEWER BY 4.51'
C-18	71056	25+57.9	-36.64	VERTICAL CROSSING	700.00	701.89	1.89	NONE. STORM SEWER CROSSES OVER SANITARY SEWER BY 1.89'
C-19	71056	25+65.6	-12.97	VERTICAL CROSSING	697.40	700.45	3.05	NONE. STORM SEWER CROSSES OVER WATER MAIN BY 3.05'
C-20	55056	25+93.8	0.00	VERTICAL CROSSING	699.99 ST	699.33 WM	-	WATER MAIN LOWERING. PAID PER FOOT AS ADJ WATER MAIN 16.
C-21	69055	27+21.2	-49.35	VERTICAL CROSSING	701.50	702.35	0.85	NONE. STORM SEWER CROSSES OVER SANITARY PIPE BY 0.85
C-22	69055	27+21.2	-42.51	VERTICAL CROSSING	704.75	705.70	0.95	NONE. STORM SEWER CROSSES UNDER GAS MAIN BY 0.95'
C-23	69055	27+21.2	-16.40	VERTICAL CROSSING	703.10	703.2	0.10	NONE. STORM SEWER CROSSES UNDER WATER MAIN BY 0.1'
C-24	69055	27+21.2	-12.76	VERTICAL CROSSING	702.56	703.04	0.48	NONE. STORM SEWER CROSSES UNDER WATER MAIN BY 0.48'
C-25	67054	27+50.0	-16.41	VERTICAL CROSSING	705.06	706.06	1.00	NONE. STORM SEWER CROSSES OVER WATER MAIN BY 1.00'
C-26	67054	27+50.0	-12.77	VERTICAL CROSSING	703.49	706.04	2.55	NONE. STORM SEWER CROSSES OVER WATER MAIN BY 2.55'
C-27	67054	27+50.0	-31.46	VERTICAL CROSSING	708.80	706.15	-2.65	GAS MAIN TO BE RELOCATED BY OTHERS
C-28	65053	30+00.0	-12.50	VERTICAL CROSSING	710.50	714.74	4.24	NONE. STORM SEWER CROSSES OVER WATER MAIN BY 4.24'
C-29	65053	30+00.0	-14.51	VERTICAL CROSSING	712.58	714.75	2.17	NONE. STORM SEWER CROSSES OVER WATER MAIN BY 2.17'
C-30	63052	32+50.0	-17.35	VERTICAL CROSSING	723.65	724.77	1.12	NONE. STORM SEWER CROSSES OVER WATER MAIN BY 1.12'
C-31	63052	32+50.0	-12.23	VERTICAL CROSSING	722.67	724.74	2.07	NONE. STORM SEWER CROSSES OVER WATER MAIN BY 2.07'
C-32	61051	35+00.0	-21.69	VERTICAL CROSSING	732.45	734.41	1.96	NONE. STORM SEWER CROSSES OVER WATER MAIN BY 1.96'
C-33	61051	35+00.0	-11.96	VERTICAL CROSSING	730.12	734.36	4.24	NONE. STORM SEWER CROSSES OVER WATER MAIN BY 4.24'
C-34	59050	37+32.0	-13.58	VERTICAL CROSSING	736.78	740.25	3.47	NONE. STORM SEWER CROSSES OVER WATER MAIN BY 3.47'
C-35	59050	37+32.0	-24.20	VERTICAL CROSSING	738.78	740.30	1.52	NONE. STORM SEWER CROSSES OVER WATER MAIN BY 1.52'
C-36	17059	38+91.0	-45.23	VERTICAL CROSSING	744.50	742.60	-1.90	GAS MAIN TO BE RELOCATED BY OTHERS
C-37	17059	39+20.3	-53.98	VERTICAL CROSSING	742.52	742.7	0.18	NONE. STORM SEWER CROSSES UNDER WATER MAIN BY 0.18'
C-38	15029	40+30.0	-24.84	VERTICAL CROSSING	741.85	742.18	0.33	NONE. STORM SEWER CROSSES OVER WATER MAIN BY 0.33'
C-39	15029	40+30.0	-13.66	VERTICAL CROSSING	740.23	741.98	1.75	NONE. STORM SEWER CROSSES OVER WATER MAIN BY 1.75'
C-40	41042	40+98.0	-42.91	VERTICAL CROSSING	741.55	745.22	3.67	NONE. STORM SEWER CROSSES OVER WATER MAIN BY 3.67'
C-49	1010102	23+48.0	-36.63	VERTICAL CROSSING	699.00	694.00	-5.00	GAS MAIN TO BE RELOCATED BY OTHERS
C-55		15+97.0	42.10	VERTICAL CROSSING	694.15	695.53	1.38	NONE. AT&T CABLE CROSSES UNDER WATER MAIN BY 1.38'
C-56	105106	18+99.1	-28.20	VERTICAL CROSSING	688.5	693.43	4.93	NONE. AT&T CABLE CROSSES OVER STORM SEWER BY 4.93'
C-57	1080103	21+00.0	-28.35	VERTICAL CROSSING	692.56	695.51	2.95	NONE. AT&T CABLE CROSSES OVER STORM SEWER BY 2.95'
C-58	1010102	23+50.0	-28.35	VERTICAL CROSSING	697.67	699.93	2.26	NONE. AT&T CABLE CROSSES OVER STORM SEWER BY 2.26'
C-59	71056	25+61.1	-27.83	VERTICAL CROSSING	700.70	706.92	6.22	NONE. AT&T CABLE CROSSES OVER STORM SEWER BY 6.22'
C-60	69055	27+21.2	-28.53	VERTICAL CROSSING	704.51	707.73	3.22	NONE. AT&T CABLE CROSSES OVER STORM SEWER BY 3.22'
C-61	67054	27+50.1	-28.27	VERTICAL CROSSING	705.50	708.46	2.96	NONE. AT&T CABLE CROSSES OVER STORM SEWER BY 2.96'
C-62		28+29.7	-28.76	VERTICAL CROSSING	706.56	710.97	4.41	NONE. AT&T CABLE CROSSES OVER WATER MAIN BY 2.97'
C-63	65053	30+00.0	-28.33	VERTICAL CROSSING	715.00	717.70	2.70	NONE. AT&T CABLE CROSSES OVER STORM SEWER BY 2.70'
C-64		30+29.6	-29.05	VERTICAL CROSSING	715.17	718.81	3.64	NONE. AT&T CABLE CROSSES OVER WATER MAIN BY 3.64'
C-65	63052	32+50.0	-28.80	VERTICAL CROSSING	725.00	727.47	2.47	NONE. AT&T CABLE CROSSES OVER STORM SEWER BY 2.47'
C-66		33+36.2	-29.83	VERTICAL CROSSING	726.52	731.05	4.53	NONE. AT&T CABLE CROSSES OVER WATER MAIN BY 4.53'
C-67	61051	35+00.0	-28.83	VERTICAL CROSSING	734.62	737.32	2.70	NONE. AT&T CABLE CROSSES OVER STORM SEWER BY 2.70'
C-68		36+25.9	-28.28	VERTICAL CROSSING	737.90	741.18	3.28	NONE. AT&T CABLE CROSSES OVER STORM SEWER BY 3.28'
C-69	59050	37+32.0	-30.00	VERTICAL CROSSING	740.50	743.70	3.20	NONE. AT&T CABLE CROSSES OVER STORM SEWER BY 3.2'
C-70	125059	37+34.0	-35.59	VERTICAL CROSSING	740.56	743.72	3.16	NONE. AT&T CABLE CROSSES OVER STORM SEWER BY 3.16'
C-71	17059	37+68.6	-33.32	VERTICAL CROSSING	741.05	744.75	3.70	NONE. AT&T CABLE CROSSES OVER STORM SEWER BY 3.16'
C-72		38+45.8	-13.85	VERTICAL CROSSING	742.25	745.80	3.55	NONE. AT&T CABLE CROSSES OVER WATER MAIN BY 3.55'
C-73	15029	40+30.1	-27.48	VERTICAL CROSSING	742.48	745.54	3.06	NONE. AT&T CABLE CROSSES OVER STORM SEWER BY 3.06'
C-74	6029	39+52.8	23.60	VERTICAL CROSSING	740.97	746.25	5.28	NONE. AT&T CABLE CROSSES OVER STORM SEWER BY 5.28'
CHURCH ROAD								
C-41	1906	306+38.8	25.22	VERTICAL CROSSING	739.18	742.76	3.58	NONE. STORM SEWER CROSSES OVER SANITARY SEWER BY 3.58'
C-42	6029	306+85.5	26.78	VERTICAL CROSSING	738.73	741.99	3.26	NONE. STORM SEWER CROSSES OVER SANITARY SEWER BY 3.26'
C-43	4014	308+35.7	21.96	VERTICAL CROSSING	738.18	743.15	4.97	NONE. STORM SEWER CROSSES OVER SANITARY SEWER BY 4.97'
C-44	1102	309+20.0	-14.74	VERTICAL CROSSING	744.90	744.40	-0.50	GAS MAIN TO BE RELOCATED BY OTHERS
C-45	1102	309+20.0	-19.31	VERTICAL CROSSING	744.65	745.20	0.55	NONE. STORM SEWER CROSSES OVER WATER MAIN BY 0.55'
C-46	9010	309+59.4	30.49	VERTICAL CROSSING	737.72	744.68	6.96	NONE. STORM SEWER CROSSES OVER SANITARY SEWER BY 6.96'
C-47	801	310+50.0	-25.90	VERTICAL CROSSING	744.50	744.10	-0.40	GAS MAIN TO BE RELOCATED BY OTHERS
C-48	801	310+50.0	-16.54	VERTICAL CROSSING	744.75	745.72	0.97	NONE. STORM SEWER CROSSES OVER WATER MAIN BY 0.97'
C-75	18019	306+38.8	32.00	VERTICAL CROSSING	744.23	746.00	1.77	NONE. AT&T CABLE CROSSES OVER STORM SEWER BY 1.77'
C-76	4014	308+31.73	30.58	VERTICAL CROSSING	743.27	746.79	3.52	NONE. AT&T CABLE CROSSES OVER STORM SEWER BY 3.52'

HRG PROJECT NO. 19191
 HRG PROJ. CONTACT
 FILE NAME: 19191-117-DrainageConflict.dwg
 PEN TABLE: 19191.tbl



USER NAME = jstrzal	DESIGNED - KH	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - JJS	REVISED -
PLOT DATE = 3/28/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE CONFLICT SCHEDULE
INDIAN TRAIL ROAD

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

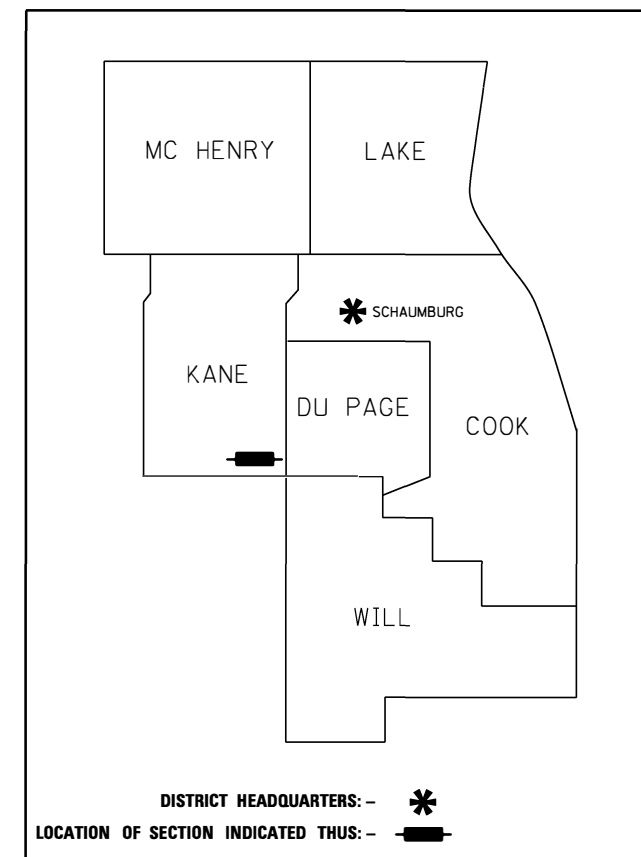
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	106
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLAT OF HIGHWAYS

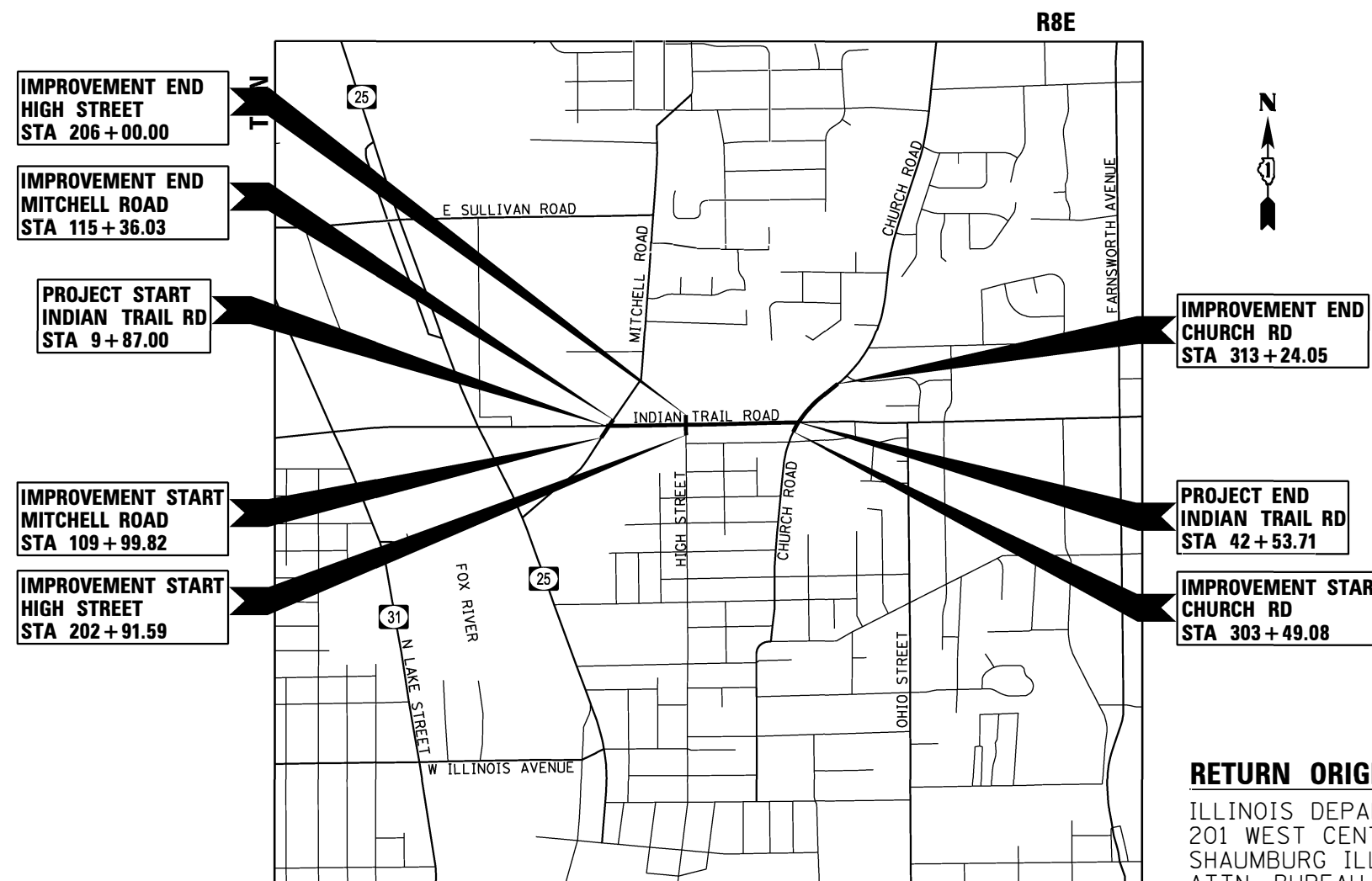
PARCEL NUMBER	OWNER	SHEET NUMBER	PROPERTY ACQUIRED BY
0001	INDIAN TRAIL PLAZA, LLC	2, 5	
0002 0002TE	OLD SECOND NATIONAL BANK, AS TRUSTEE UNDER TRUST AGREEMENT, AND KNOWN AS TRUST NO. 2195	2, 3, 5	
0003 0003TE-A 0003TE-B 0003TE-C	TURN-VEREIN FRISCH-AUF, AN ILLINOIS NOT FOR PROFIT CORPORATION, D/B/A/ AURORA TURNERS CLUB	2, 3, 5, 6, 7	
0004TE	AURORA HOUSING AUTHORITY	2, 3, 7	
0005A, 0005B 0005TE	FOX VALLEY PARK DISTRICT	3, 7, 8	
0010 0010TE	FOX VALLEY PARK DISTRICT	3, 6, 7	
0011A, 0011B 0011TE-A 0011TE-B	OLD SECOND NATIONAL BANK F/K/A OLD SECOND NATIONAL BANK OF AURORA, AS TRUSTEE UNDER TRUST AGREEMENT DATED SEPTEMBER 27, 1985 KNOWN AS TRUST NO. 4278	3, 4, 7, 8, 9, 10	
0017TE	OLD SECOND NATIONAL BANK F/K/A OLD SECOND NATIONAL BANK OF AURORA, AS TRUSTEE UNDER TRUST AGREEMENT DATED SEPTEMBER 27, 1985 KNOWN AS TRUST NO. 4278	4, 9	
0018TE	JEROME R. KUHN, AN UNMARRIED MAN	4, 9	
0019 0019TE	FERNANDO SALINAS, JR AND GLORIA SALINAS, IN JOINT TENANCY	4, 9, 10	

NOTE: PARCELS 0006TE, 0007TE, 0008TE, 0009TE, 0012TE, 0013TE, 0014TE, 0015TE & 0016TE WERE ELIMINATED FROM THIS PROJECT.

FAU ROUTE 1503
INDIAN TRAIL ROAD FROM
MITCHELL ROAD TO CHURCH ROAD
ROADWAY RECONSTRUCTION, WIDENING
AND TRAFFIC SIGNALS
 SECTION 06-00260-02-PV
 JOB NO.: R-55-001-97
 CITY OF AURORA
 KANE COUNTY



PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS



RETURN ORIGINAL TO:
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 201 WEST CENTER COURT
 SHAUMBURG ILLINOIS, 60169
 ATTN: BUREAU OF LAND ACQUISITION

IDOT USE ONLY

PART OF SECTIONS 10, 11, 14 AND 15, TWP. 38 N., R. 8 E. OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.

LEGEND



SECTION CORNER



QUARTER SECTION CORNER



GRAPHIC SCALE
FEET
0 100
SCALE: 1"=100'

- SECTION/QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPL APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT

- S82°10'45"E 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- [Hatched Box] EXISTING BUILDING

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

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

- SURVEY NOTES:
- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 - BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
 - ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999945785
 - AREAS SHOWN ON THIS PLAT ARE "GROUND".
 - FIELD SURVEY COMPLETED ON NOVEMBER 9, 2021.

STATE OF ILLINOIS)
)SS
COUNTY OF KANE)

THIS IS TO CERTIFY THAT I, RICHARD B. MCCOMBS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, HR GREEN, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001322) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 10, 11, 14 & 15, TOWNSHIP 38 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE 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 CITY OF AURORA, KANE COUNTY, STATE OF ILLINOIS.

DATED AT AURORA, ILLINOIS THIS 8th DAY OF FEBRUARY, 2022 A.D.

Richard B. McCombs
RICHARD B. MCCOMBS, P.L.S.
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035.003847
LICENSE EXPIRATION DATE: 11/30/2022



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



2363 Sequoia Drive, Suite 101
Aurora, Illinois 60506
HRGreen.com
Illinois Professional Design Firm # 184-001322

PLAT OF HIGHWAYS

CITY OF AURORA, STATE OF ILLINOIS
FAU 1503 (INDIAN TRAIL ROAD)

LIMITS: MITCHELL RD TO CHURCH RD COUNTY: KANE
SECTION: 06-002620-02-PV JOB NO.: R-55-001-97
STA. N/A TO STA. N/A
SCALE: 1" = 100' SHEET 2 OF 11 SHEETS

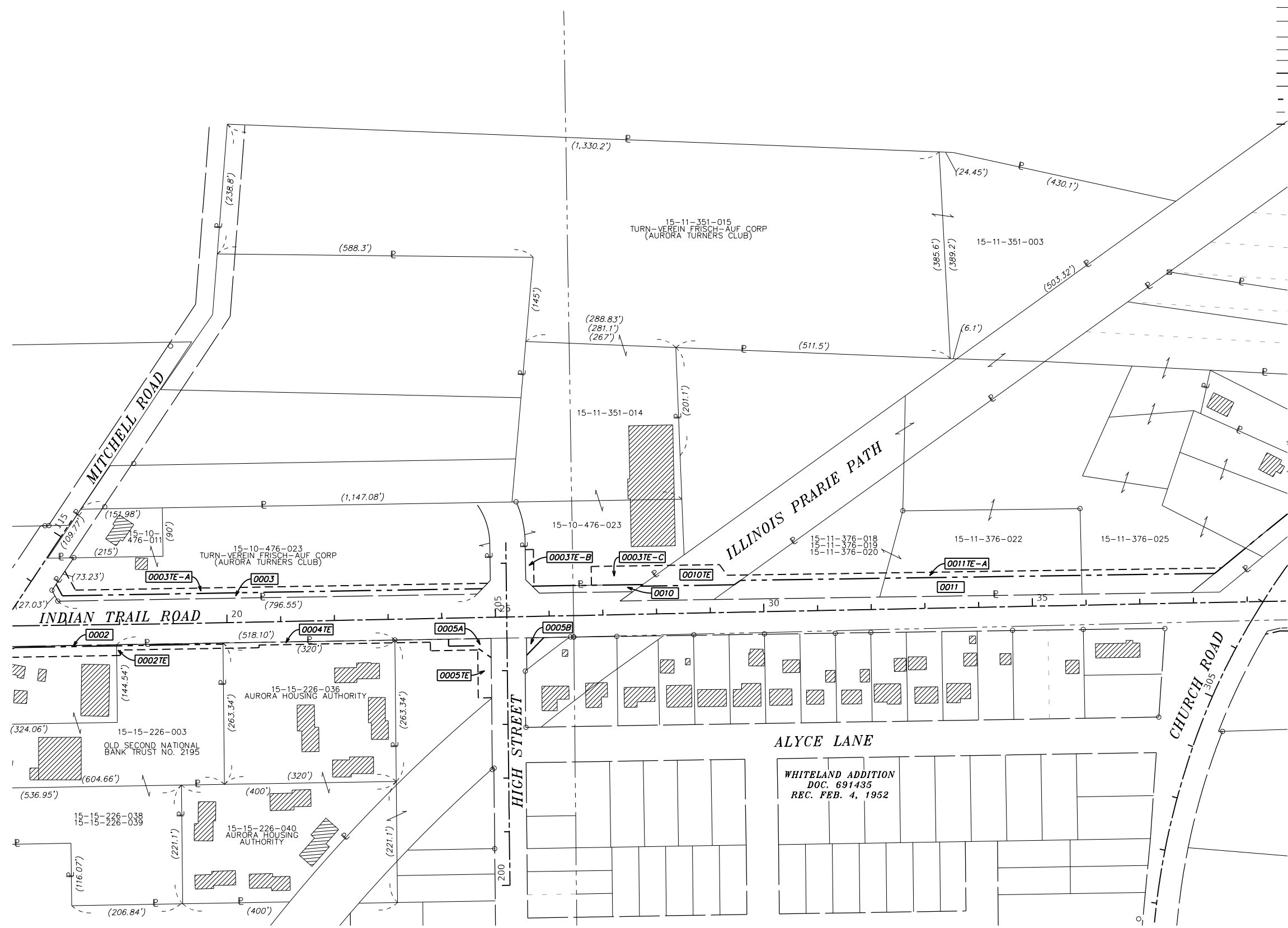
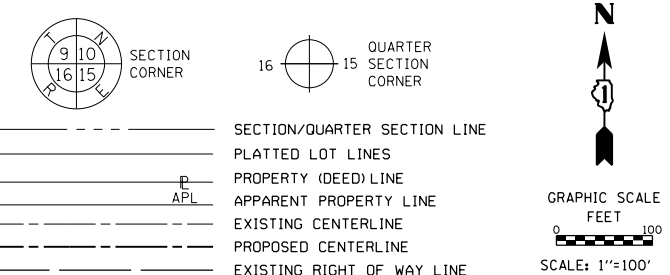
IDOT USE ONLY

108 of 227

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

PART OF SECTIONS 10, 11, 14 AND 15, TWP. 38 N., R. 8 E. OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.

LEGEND



SURVEY NOTES:
 1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
 3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999945785
 4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
 5. FIELD SURVEY COMPLETED ON NOVEMBER 9, 2021.

STATE OF ILLINOIS)
)SS
 COUNTY OF KANE)

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DATED AT AURORA, ILLINOIS THIS 8th DAY OF FEBRUARY, 2022 A.D.

Richard B. McCombs
 RICHARD B. MCCOMBS, P.L.S.
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035.003847
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HRGreen
 2363 Sequoia Drive, Suite 101
 Aurora, Illinois 60506
 HRGreen.com
 Illinois Professional Design Firm # 184-001322

PLAT OF HIGHWAYS
CITY OF AURORA, STATE OF ILLINOIS
FAU 1503 (INDIAN TRAIL ROAD)

LIMITS: MITCHELL RD TO CHURCH RD COUNTY: KANE
 SECTION: 06-002620-02-PV JOB NO.: R-55-001-97
 STA. N/A TO STA. N/A
 SCALE: 1" = 100' SHEET 3 OF 11 SHEETS

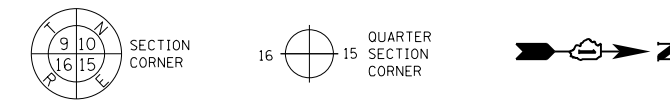
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

IDOT USE ONLY

109 of 227

PART OF SECTIONS 10, 11, 14 AND 15, TWP. 38 N., R. 8 E. OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.

LEGEND



- SECTION/QUARTER SECTION LINE
PLATTED LOT LINES
PROPERTY (DEED) LINE
APPARENT PROPERTY LINE
EXISTING CENTERLINE
PROPOSED CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT

S82°10'45"E 129.32'
129.32' (COMP)
(129.32')
EXISTING BUILDING

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

- IRON PIPE OR ROD FOUND
CUT CROSS FOUND OR SET
MAG NAIL SET
5/8" REBAR SET

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STATE OF ILLINOIS)
COUNTY OF KANE)
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DATED AT AURORA, ILLINOIS THIS 8th DAY OF FEBRUARY, 2022 A.D.

RICHARD B. MCCOMBS, P.L.S.
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035.003847
LICENSE EXPIRATION DATE: 11/30/2022

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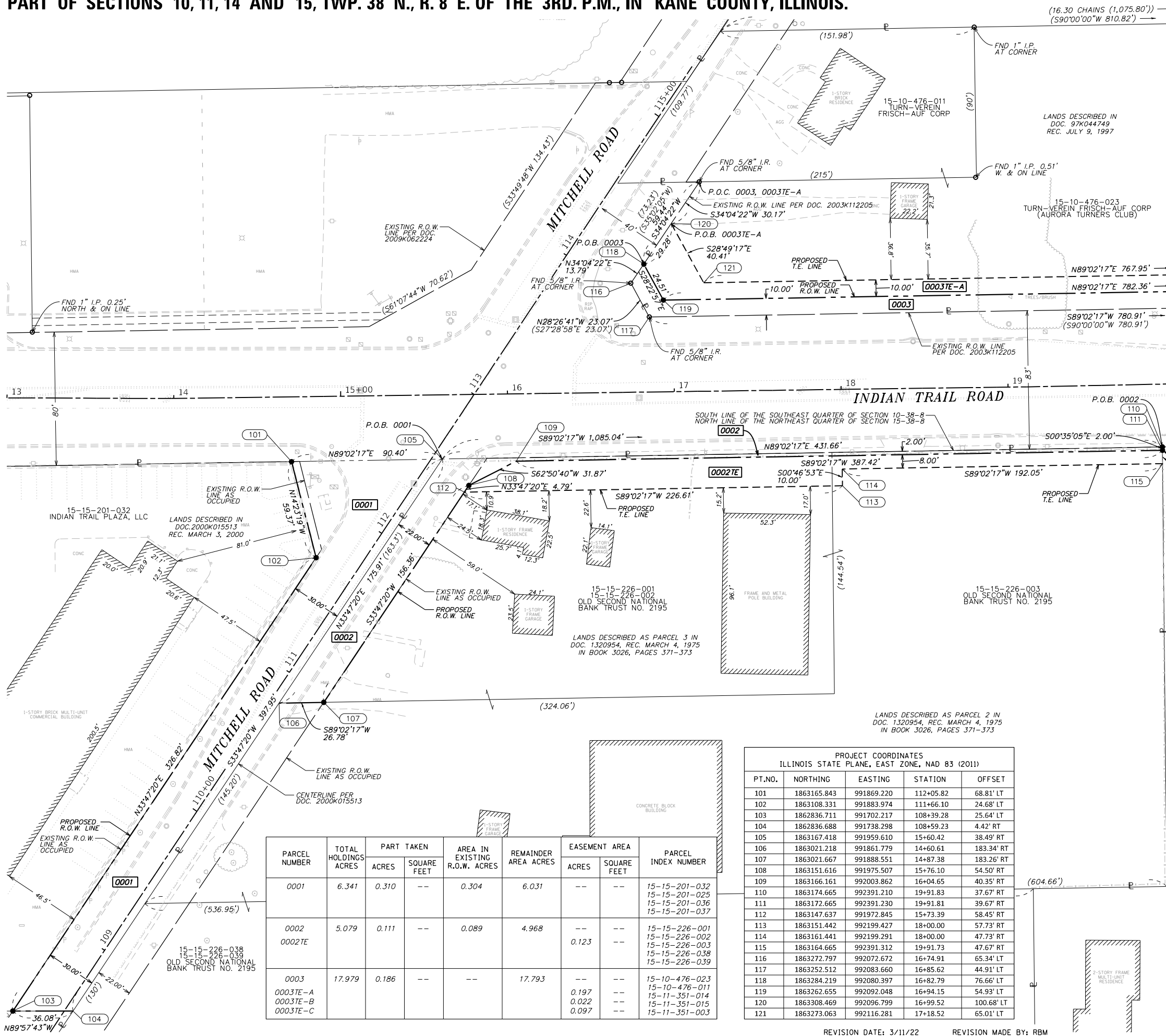
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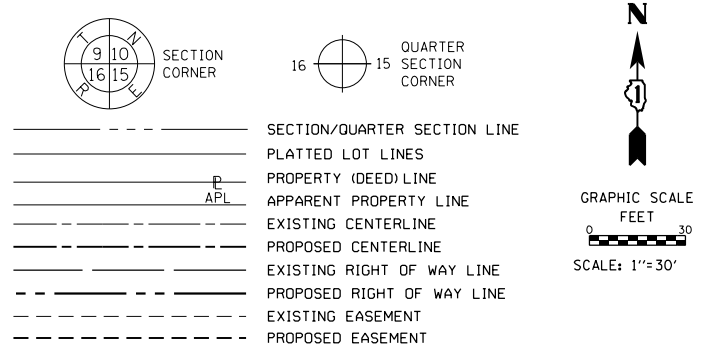
HRGreen logo and contact info: 2363 Sequoia Drive, Suite 101, Aurora, Illinois 60506, HRGreen.com, Illinois Professional Design Firm # 184-001322.
PLAT OF HIGHWAYS
CITY OF AURORA, STATE OF ILLINOIS
FAU 1503 (INDIAN TRAIL ROAD)
LIMITS: MITCHELL RD TO CHURCH RD COUNTY: KANE
SECTION: 06-002620-02-PV JOB NO.: R-55-001-97
STA. N/A TO STA. N/A
SCALE: 1" = 100' SHEET 4 OF 11 SHEETS
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAMBURG, ILLINOIS 60196

REVISION DATE: 3/11/22 REVISION MADE BY: RBM

PART OF SECTIONS 10, 11, 14 AND 15, TWP. 38 N., R. 8 E. OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.



LEGEND



BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

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

SURVEY NOTES:

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)
 COUNTY OF KANE)

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



PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN		AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
		ACRES	SQUARE FEET			ACRES	SQUARE FEET	
0001	6.341	0.310	--	0.304	6.031	--	--	15-15-201-032 15-15-201-025 15-15-201-036 15-15-201-037
0002 0002TE	5.079	0.111	--	0.089	4.968	--	--	15-15-226-001 15-15-226-002 15-15-226-003 15-15-226-038 15-15-226-039
0003 0003TE-A 0003TE-B 0003TE-C	17.979	0.186	--	--	17.793	--	--	15-10-476-023 15-10-476-011 15-11-351-014 15-11-351-015 15-11-351-003

PROJECT COORDINATES ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)				
PT.NO.	NORTHING	EASTING	STATION	OFFSET
101	1863165.843	991869.220	112+05.82	68.81' LT
102	1863108.331	991883.974	111+66.10	24.68' LT
103	1862836.711	991702.217	108+39.28	25.64' LT
104	1862836.688	991738.298	108+59.23	4.42' RT
105	1863167.418	991959.610	15+60.42	38.49' RT
106	1863021.218	991861.779	14+60.61	183.34' RT
107	1863021.667	991888.551	14+87.38	183.26' RT
108	1863151.616	991975.507	15+76.10	54.50' RT
109	1863166.161	992003.862	16+04.65	40.35' RT
110	1863174.665	992391.210	19+91.83	37.67' RT
111	1863172.665	992391.230	19+91.81	39.67' RT
112	1863147.637	991972.845	15+73.39	58.45' RT
113	1863151.442	992199.427	18+00.00	57.73' RT
114	1863161.441	992199.291	18+00.00	47.73' RT
115	1863164.665	992391.312	19+91.73	47.67' RT
116	1863272.797	992072.672	16+74.91	65.34' LT
117	1863252.512	992083.660	16+85.62	44.91' LT
118	1863284.219	992080.397	16+82.79	76.66' LT
119	1863262.655	992092.048	16+94.15	54.93' LT
120	1863308.469	992096.799	16+99.52	100.68' LT
121	1863273.063	992116.281	17+18.52	65.01' LT

REVISION DATE: 3/11/22 REVISION MADE BY: RBM

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111 of 227

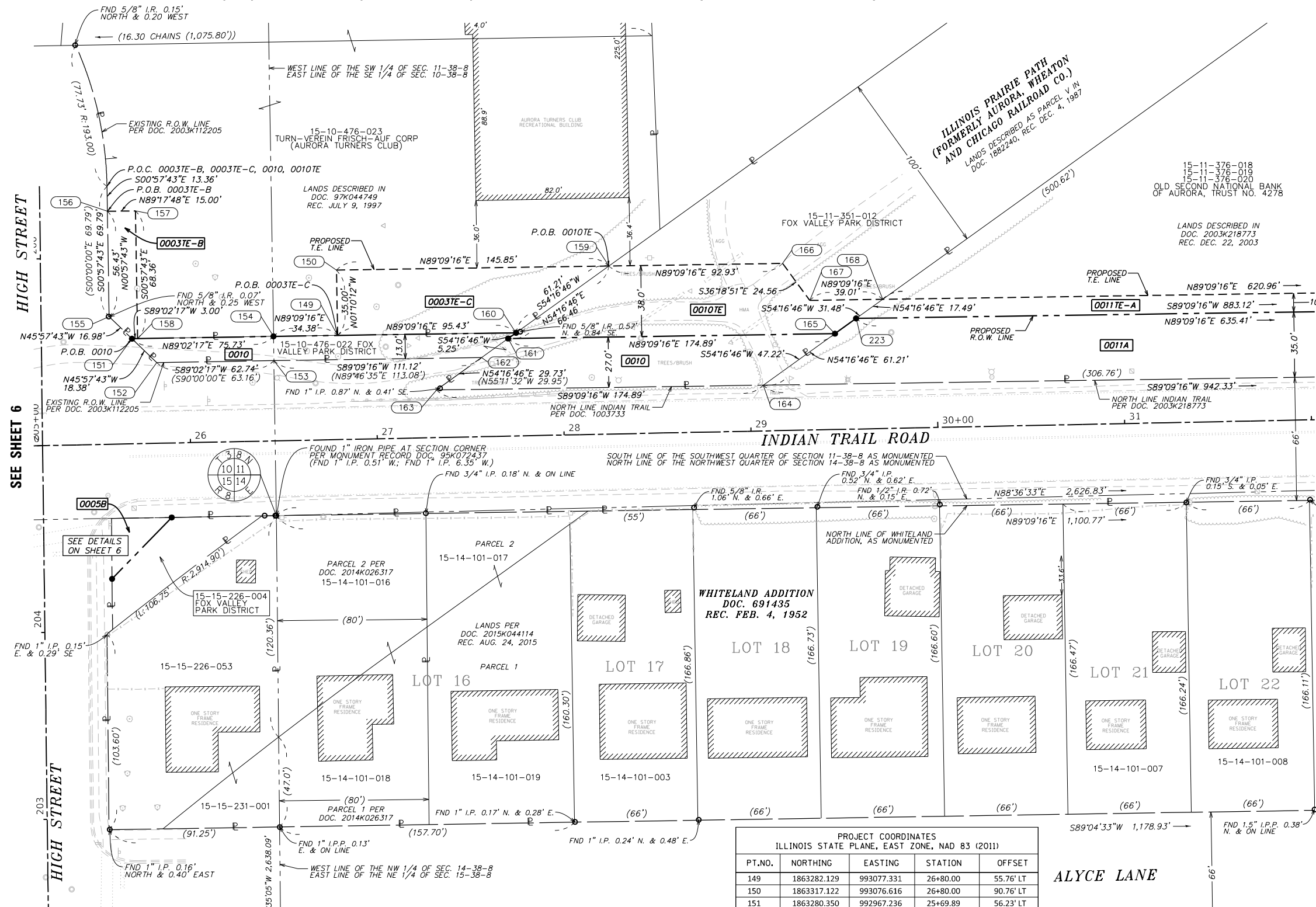
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 2363 Sequoia Drive, Suite 101
 Aurora, Illinois 60506
 HRGreen.com
 Illinois Professional Design Firm # 184-001322

PLAT OF HIGHWAYS
CITY OF AURORA, STATE OF ILLINOIS
FAU 1503 (INDIAN TRAIL ROAD)

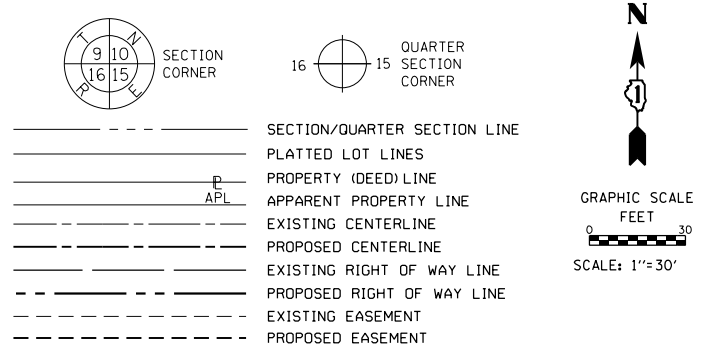
LIMITS: MITCHELL RD TO CHURCH RD COUNTY: KANE
 SECTION: 06-002620-02-PV JOB NO.: R-55-001-97
 STA. 13+00 TO STA. 20+00
 SCALE: 1" = 30' SHEET 5 OF 11 SHEETS

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

PART OF SECTIONS 10, 11, 14 AND 15, TWP. 38 N., R. 8 E. OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.



LEGEND



MEASURED DIMENSION
129.32' (COMP)
RECORDED DIMENSION
129.32'

EXISTING BUILDING

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

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

SURVEY NOTES:

1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999945785
4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
5. FIELD SURVEY COMPLETED ON NOVEMBER 9, 2021.

STATE OF ILLINOIS)
)SS
COUNTY OF KANE)

THIS IS TO CERTIFY THAT I, RICHARD B. MCCOMBS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, HR GREEN, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001322) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 10, 11, 14 & 15, TOWNSHIP 38 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE 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 CITY OF AURORA, KANE COUNTY, STATE OF ILLINOIS.

DATED AT AURORA, ILLINOIS THIS 8th DAY OF FEBRUARY, 2022 A.D.

Richard B. McCombs
RICHARD B. MCCOMBS, P.L.S.
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035.003847
LICENSE EXPIRATION DATE: 11/30/2022

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



PROJECT COORDINATES ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)				
PT.NO.	NORTHING	EASTING	STATION	OFFSET
149	1863282.129	993077.331	26+80.00	55.76' LT
150	1863317.122	993076.616	26+80.00	90.76' LT
151	1863280.350	992967.236	25+69.89	56.23' LT
152	1863267.570	992980.452	25+82.84	43.18' LT
153	1863268.624	993043.188	26+45.59	42.95' LT
154	1863281.622	993042.959	26+45.62	55.95' LT
155	1863292.150	992955.033	25+57.93	68.27' LT
156	1863348.570	992954.086	25+58.14	24.70' LT
157	1863348.754	992969.085	25+73.14	124.58' LT
158	1863280.401	992970.232	25+72.89	56.22' LT
159	1863319.275	993222.448	28+25.85	89.93' LT
160	1863283.537	993172.752	27+75.43	55.22' LT
161	1863280.474	993168.493	27+71.11	52.24' LT
162	1863270.264	993154.294	27+56.70	42.32' LT
163	1863252.906	993130.156	27+32.22	25.46' LT
164	1863255.487	993305.027	29+07.10	24.47' LT
165	1863283.055	993343.364	29+46.00	51.25' LT
166	1863320.646	993315.370	29+18.78	89.41' LT
167	1863300.859	993329.913	29+32.91	69.33' LT
168	1863301.434	993368.922	29+71.92	69.10' LT
223	1863291.224	993354.723	29+57.52	59.19' LT

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN		AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
		ACRES	SQUARE FEET			ACRES	SQUARE FEET	
0003	17.979	0.186	--	--	17.793	--	--	15-10-476-023 15-10-476-011 15-11-351-014 15-11-351-015 15-11-351-003
0010	N/A	0.165	--	--	N/A	--	--	15-10-476-022 15-11-351-012
0011A 0011B 0011TE-A 0011TE-B	9.595	0.966 0.075	-- --	0.254 0.062	8.554	-- --	-- --	15-11-376-016 15-11-376-011 15-11-376-013 15-11-376-026 15-11-376-010 15-11-376-025 15-11-376-030

SEE SHEET 6

SEE SHEET 8

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Aurora, Illinois 60506
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Illinois Professional Design Firm # 184-001322

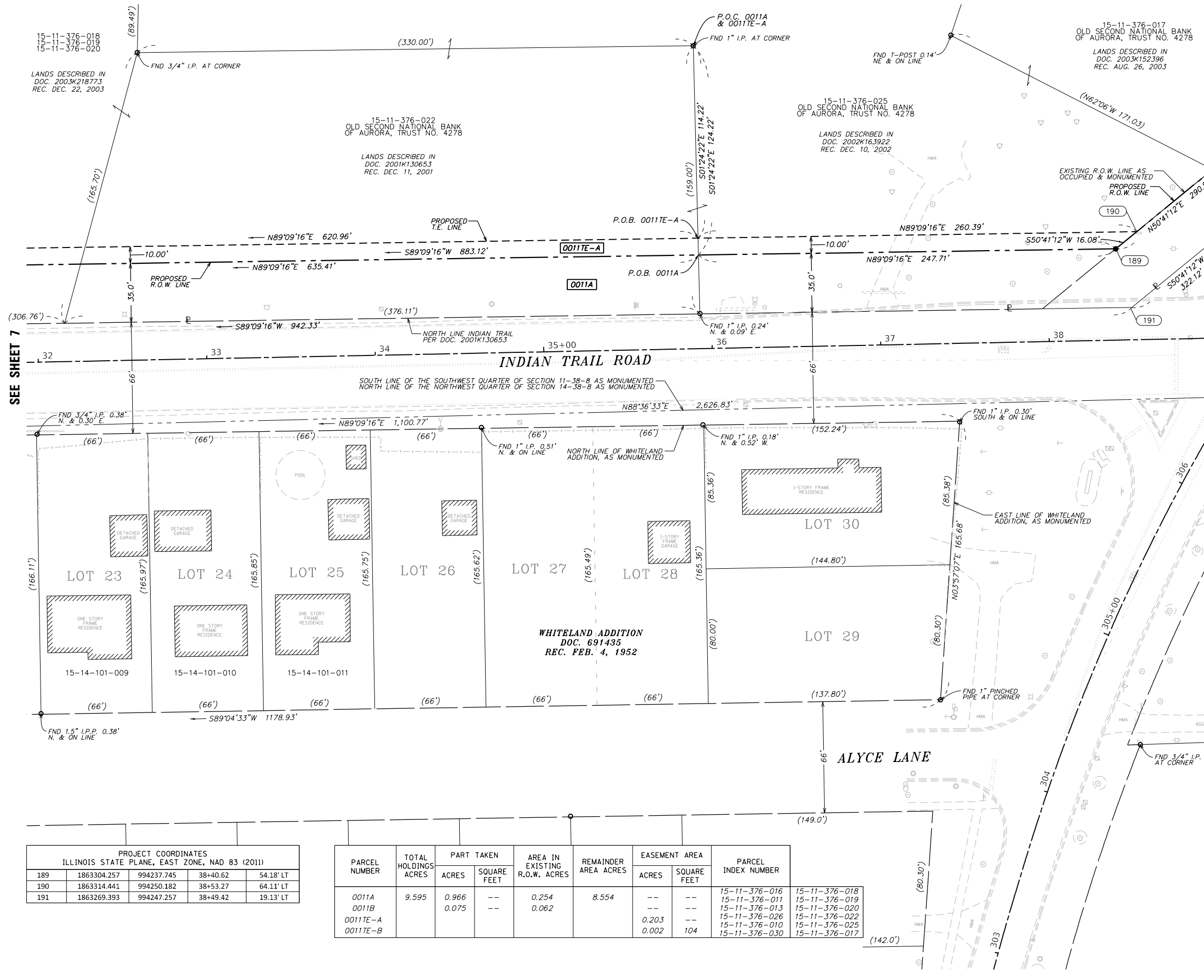
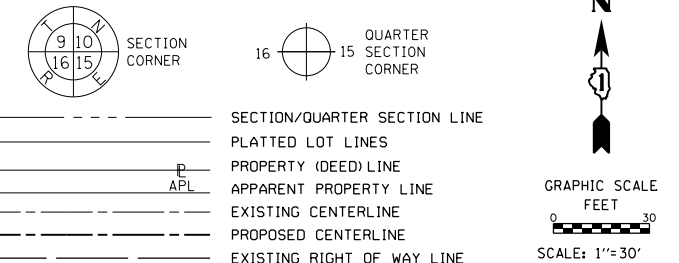
PLAT OF HIGHWAYS
CITY OF AURORA, STATE OF ILLINOIS
FAU 1503 (INDIAN TRAIL ROAD)

LIMITS: MITCHELL RD TO CHURCH RD COUNTY: KANE
SECTION: 06-002620-02-PV JOB NO.: R-55-001-97
STA. 25+16 TO STA. 32+00
SCALE: 1" = 30' SHEET 7 OF 11 SHEETS

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

PART OF SECTIONS 10, 11, 14 AND 15, TWP. 38 N., R. 8 E. OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.

LEGEND



BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

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

SURVEY NOTES:

1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999945785
4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
5. FIELD SURVEY COMPLETED ON NOVEMBER 9, 2021.

STATE OF ILLINOIS)
)
 COUNTY OF KANE)

THIS IS TO CERTIFY THAT I, RICHARD B. MCCOMBS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, HR GREEN, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001322) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 10, 11, 14 & 15, TOWNSHIP 38 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE 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 CITY OF AURORA, KANE COUNTY, STATE OF ILLINOIS.

DATED AT AURORA, ILLINOIS THIS 8th DAY OF FEBRUARY, 2022 A.D.

Richard B. McCombs
 RICHARD B. MCCOMBS, P.L.S.
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035.003847
 LICENSE EXPIRATION DATE: 11/30/2022

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



PROJECT COORDINATES
 ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	PARCEL INDEX NUMBER
189	1863304.257	994237.745	38+40.62	54.18' LT		
190	1863314.441	994250.182	38+53.27	64.11' LT		
191	1863269.393	994247.257	38+49.42	19.13' LT		

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN		AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
		ACRES	SQUARE FEET			ACRES	SQUARE FEET	
0011A	9.595	0.966	--	0.254	8.554	--	--	15-11-376-016 15-11-376-011 15-11-376-013 15-11-376-026 15-11-376-010 15-11-376-030
0011B		0.075	--	0.062				15-11-376-018 15-11-376-019 15-11-376-020 15-11-376-022 15-11-376-025 15-11-376-017
0011TE-A						0.203	--	
0011TE-B						0.002	104	

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 Aurora, Illinois 60506
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 Illinois Professional Design Firm # 184-001322

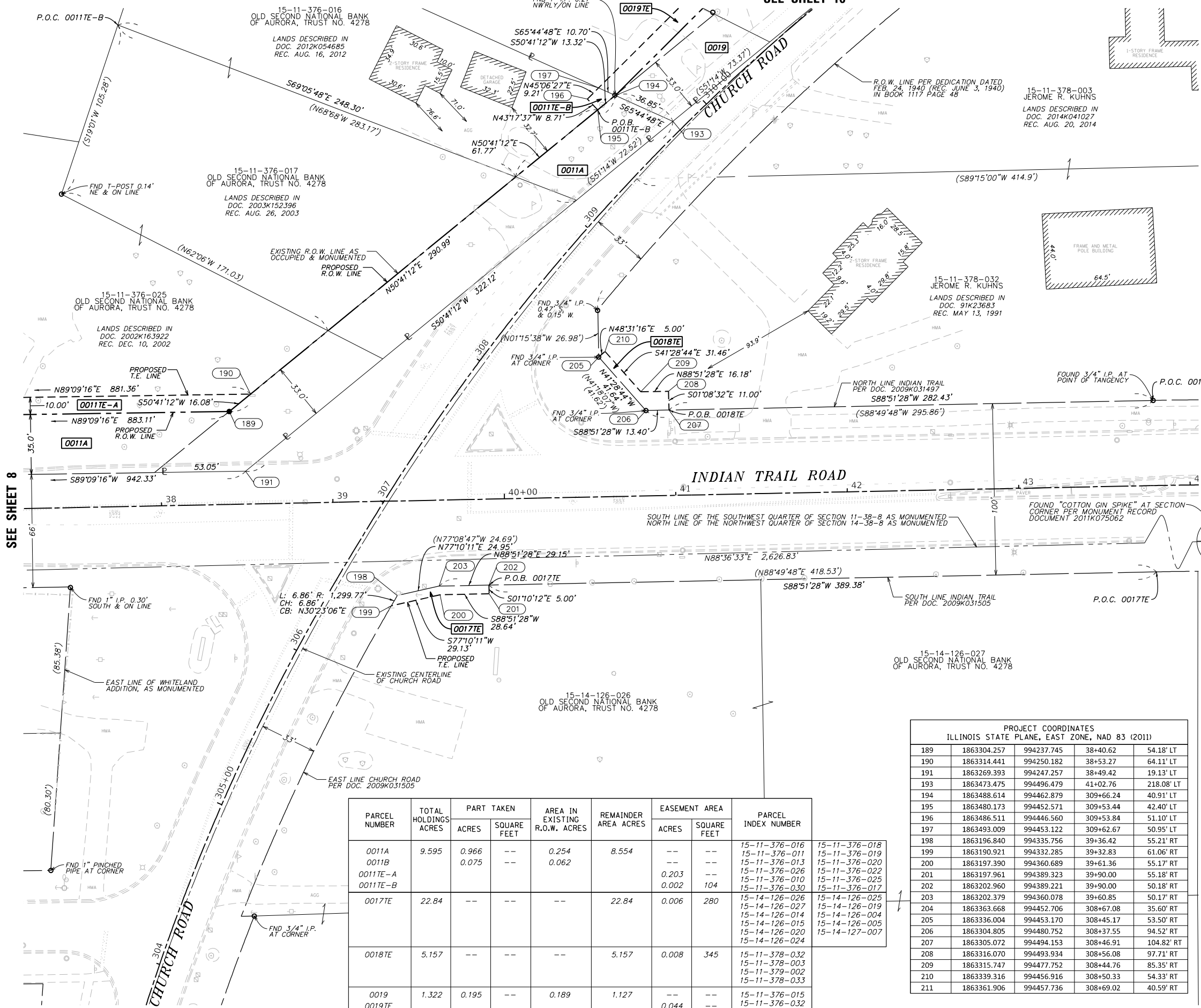
PLAT OF HIGHWAYS
CITY OF AURORA, STATE OF ILLINOIS
FAU 1503 (INDIAN TRAIL ROAD)

LIMITS: MITCHELL RD TO CHURCH RD COUNTY: KANE
 SECTION: 06-002620-02-PV JOB NO.: R-55-001-97
 STA. 32+00 TO STA. 38+92
 SCALE: 1" = 30' SHEET 8 OF 11 SHEETS

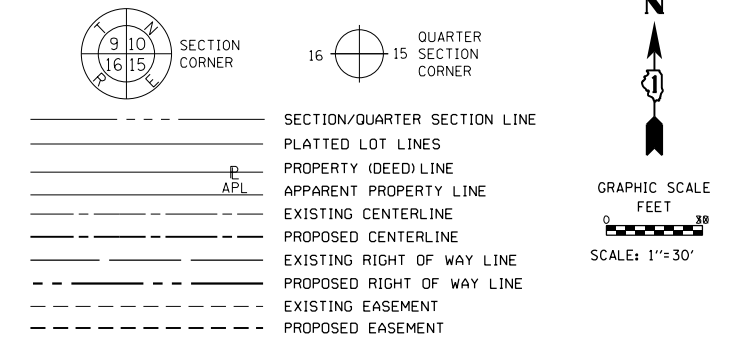
BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAMBURG, ILLINOIS 60196

PART OF SECTIONS 10, 11, 14 AND 15, TWP. 38 N., R. 8 E. OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.

SEE SHEET 10



LEGEND



MEASURED DIMENSION
129.32' (COMP)
RECORDED DIMENSION
EXISTING BUILDING

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

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

- SURVEY NOTES:**
- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 - BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
 - ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999945785
 - AREAS SHOWN ON THIS PLAT ARE "GROUND".
 - FIELD SURVEY COMPLETED ON NOVEMBER 9, 2021.

STATE OF ILLINOIS)
COUNTY OF KANE)

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DATED AT AURORA, ILLINOIS THIS 8th DAY OF FEBRUARY, 2022 A.D.

RICHARD B. McCOMBS, P.L.S.
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035.003847
LICENSE EXPIRATION DATE: 11/30/2022

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



**PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)**

189	1863304.257	994237.745	38+40.62	54.18' LT
190	1863314.441	994250.182	38+53.27	64.11' LT
191	1863269.393	994247.257	38+49.42	19.13' LT
193	1863473.475	994496.479	41+02.76	218.08' LT
194	1863488.614	994462.879	309+66.24	40.91' LT
195	1863480.173	994452.571	309+53.44	42.40' LT
196	1863486.511	994446.560	309+53.84	51.10' LT
197	1863493.009	994453.122	309+62.67	50.95' LT
198	1863196.840	994335.756	39+36.42	55.21' RT
199	1863190.921	994332.285	39+32.83	61.06' RT
200	1863197.390	994360.689	39+61.36	55.17' RT
201	1863197.961	994389.323	39+90.00	55.18' RT
202	1863202.960	994389.221	39+90.00	50.18' RT
203	1863202.379	994360.078	39+60.85	50.17' RT
204	1863363.668	994452.706	308+67.08	35.60' RT
205	1863336.004	994453.170	308+45.17	53.50' RT
206	1863304.805	994480.752	308+37.55	94.52' RT
207	1863305.072	994494.153	308+46.91	104.82' RT
208	1863316.070	994493.934	308+56.08	97.71' RT
209	1863315.747	994477.752	308+44.76	85.35' RT
210	1863339.316	994456.916	308+50.33	54.33' RT
211	1863361.906	994457.736	308+69.02	40.59' RT

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN		AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER	
		ACRES	SQUARE FEET			ACRES	SQUARE FEET		
0011A	9.595	0.966	--	0.254	8.554	--	--	15-11-376-016	15-11-376-018
0011B		0.075	--	0.062		--	--	15-11-376-011	15-11-376-019
0011TE-A						0.203	--	15-11-376-013	15-11-376-020
0011TE-B						0.002	104	15-11-376-026	15-11-376-022
								15-11-376-010	15-11-376-025
								15-11-376-030	15-11-376-017
0017TE	22.84	--	--	--	22.84	0.006	280	15-14-126-026	15-14-126-025
								15-14-126-027	15-14-126-019
								15-14-126-014	15-14-126-004
								15-14-126-015	15-14-126-005
								15-14-126-020	15-14-126-007
								15-14-126-024	
0018TE	5.157	--	--	--	5.157	0.008	345	15-11-378-032	15-11-378-003
								15-11-378-003	15-11-379-002
								15-11-378-033	15-11-378-033
0019	1.322	0.195	--	0.189	1.127	--	--	15-11-376-015	15-11-376-015
0019TE						0.044	--	15-11-376-032	15-11-376-032
								15-11-376-033	15-11-376-029

REVISION DATE: 3/11/22 REVISION MADE BY: RBM

SEE SHEET 8

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Illinois Professional Design Firm # 184-001322

PLAT OF HIGHWAYS
CITY OF AURORA, STATE OF ILLINOIS
FAU 1503 (INDIAN TRAIL ROAD)

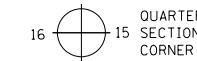
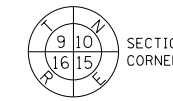
LIMITS: MITCHELL RD TO CHURCH RD COUNTY: KANE
SECTION: 06-002620-02-PV JOB NO.: R-55-001-97
STA. 32+00 TO STA. 38+92
SCALE: 1" = 30' SHEET 9 OF 11 SHEETS

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

PART OF SECTIONS 10, 11, 14 AND 15, TWP. 38 N., R. 8 E. OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN		AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER	
		ACRES	SQUARE FEET			ACRES	SQUARE FEET		
0011A	9.595	0.966	--	0.254	8.554	--	--	15-11-376-016	15-11-376-018
0011B		0.075	--			15-11-376-011	15-11-376-019		
0011TE-A		--	--			0.203	--	15-11-376-013	15-11-376-020
0011TE-B		--	--			0.002	104	15-11-376-026	15-11-376-022
0019	1.322	0.195	--	0.189	1.127	--	--	15-11-376-015	15-11-376-032
0019TE						--	--	0.044	--

PROJECT COORDINATES ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)				
193	1863473.475	994496.479	41+02.76	218.08' LT
194	1863488.614	994462.879	309+66.24	40.91' LT
197	1863493.009	994453.122	309+62.67	50.95' LT
214	1863546.858	994507.173	310+35.81	52.38' LT
216	1863620.626	994597.257	311+50.00	50.62' LT
217	1863612.920	994603.632	311+50.00	40.62' LT
218	1863573.423	994513.886	310+35.82	42.37' LT
219	1863636.522	994632.454	311+87.25	40.44' LT
220	1863605.501	994657.707	311+86.94	0.44' LT
221	1863688.102	994695.443	312+68.66	40.03' LT
222	1863657.081	994720.695	312+68.35	0.03' LT



GRAPHIC SCALE
FEET
0 30
SCALE: 1" = 30'

- LEGEND**
- SECTION/QUARTER SECTION LINE
 - PLATTED LOT LINES
 - PROPERTY (DEED) LINE
 - APPARENT PROPERTY LINE
 - EXISTING CENTERLINE
 - PROPOSED CENTERLINE
 - EXISTING RIGHT OF WAY LINE
 - PROPOSED RIGHT OF WAY LINE
 - EXISTING EASEMENT
 - PROPOSED EASEMENT

- S82°10'45"E 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- [Hatched Box] EXISTING BUILDING

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

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

- SURVEY NOTES:**
- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 - BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
 - ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999945785
 - AREAS SHOWN ON THIS PLAT ARE "GROUND".
 - FIELD SURVEY COMPLETED ON NOVEMBER 9, 2021.

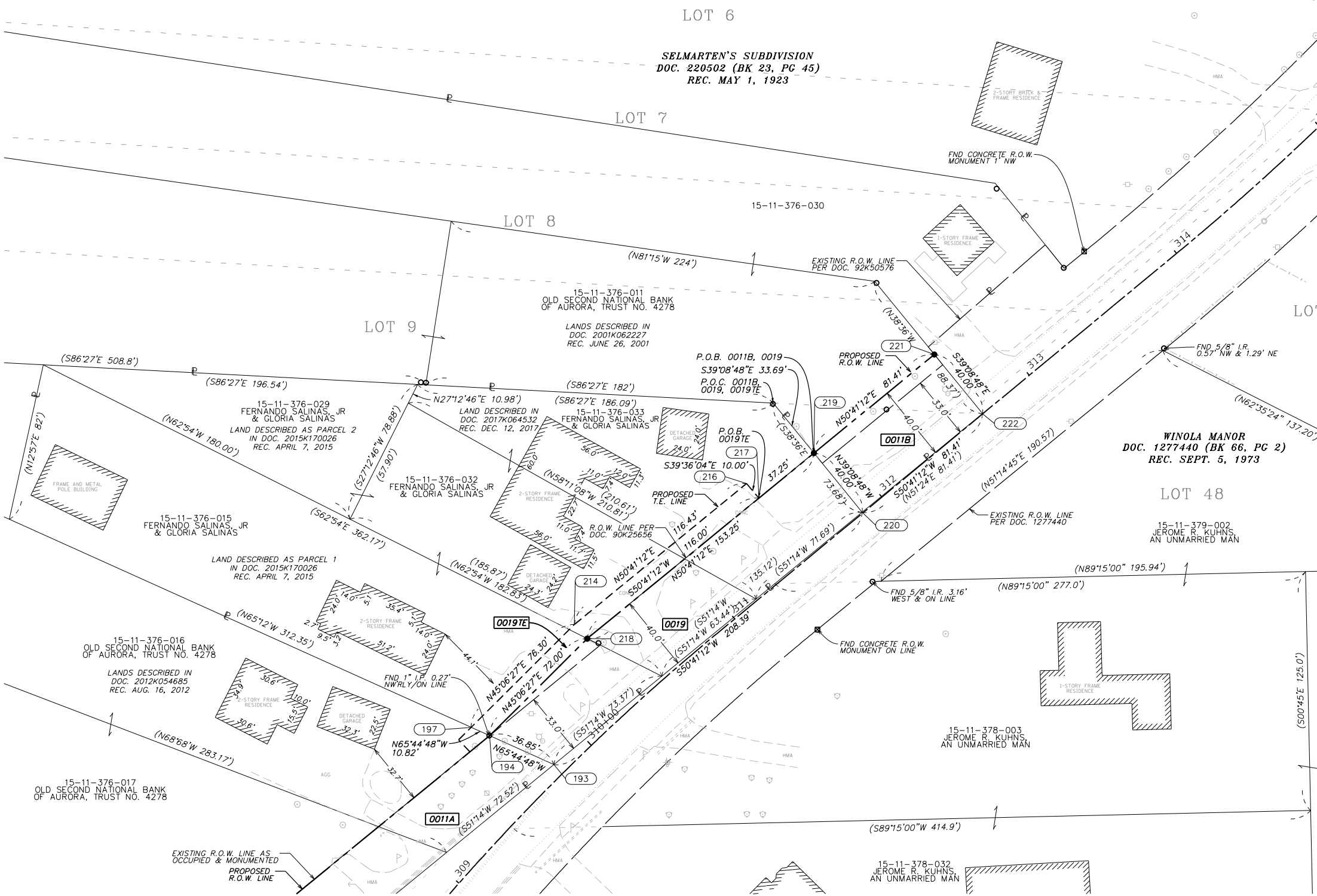
STATE OF ILLINOIS)
)SS
COUNTY OF KANE)

THIS IS TO CERTIFY THAT I, RICHARD B. MCCOMBS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, HR GREEN, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001322) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 10, 11, 14 & 15, TOWNSHIP 38 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE 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 CITY OF AURORA, KANE COUNTY, STATE OF ILLINOIS.

DATED AT AURORA, ILLINOIS THIS 8th DAY OF FEBRUARY, 2022 A.D.

RICHARD B. MCCOMBS, P.L.S.
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035.003847
LICENSE EXPIRATION DATE: 11/30/2022

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



SEE SHEET 9

REVISION DATE: 3/11/22 REVISION MADE BY: RBM

IDOT USE ONLY

116 of 227

2363 Sequoia Drive, Suite 101
Aurora, Illinois 60506
HRGreen.com
Illinois Professional Design Firm # 184-001322

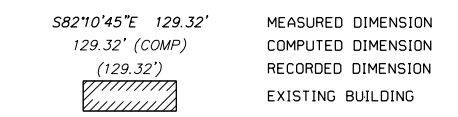
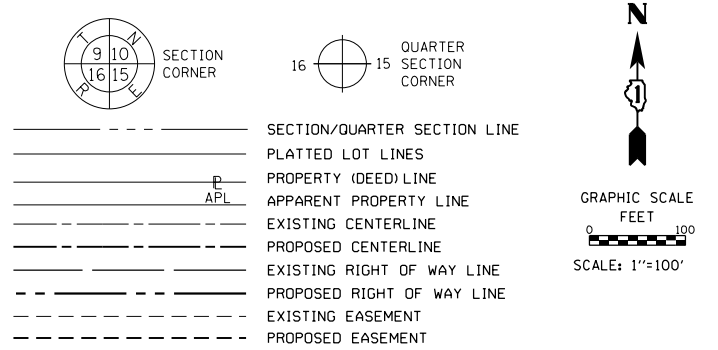
PLAT OF HIGHWAYS
CITY OF AURORA, STATE OF ILLINOIS
FAU 1503 (INDIAN TRAIL ROAD)

LIMITS: MITCHELL RD TO CHURCH RD COUNTY: KANE
SECTION: 06-002620-02-PV JOB NO.: R-55-001-97
STA. 309+00 TO STA. 315+00
SCALE: 1" = 30' SHEET 10 OF 11 SHEETS

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

PART OF SECTIONS 10, 11, 14 AND 15, TWP. 38 N., R. 8 E. OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.

LEGEND



BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

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

- SURVEY NOTES:**
1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
 3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999945785
 4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
 5. FIELD SURVEY COMPLETED ON NOVEMBER 9, 2021.



INDIAN TRAIL ROAD CENTERLINE COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)

PT.NO.	NORTHING	EASTING	STATION	GEOMETRY
301	1863198.777	991298.719	9+00.00	P.O.T.
302	1863204.204	991662.703	12+64.02	P.I.
303	1863203.714	991798.677	14+00.00	P.I.
304	1863210.686	992309.870	19+11.24	P.I.
305	1863261.077	994777.078	43+78.96	P.C.

MITCHELL ROAD CENTERLINE COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)

PT.NO.	NORTHING	EASTING	STATION	GEOMETRY
401	1862732.595	991663.775	107+31.29	P.O.T.
402	1863402.719	992109.349	115+36.03	P.O.T.

HIGH STREET CENTERLINE COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)

PT.NO.	NORTHING	EASTING	STATION	GEOMETRY
501	1862723.173	992925.546	200+00.00	P.O.T.
502	1863223.135	992919.408	205+00.00	P.O.T.
503	1863362.017	992917.703	206+38.89	P.O.T.

CHURCH ROAD CENTERLINE COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)

PT.NO.	NORTHING	EASTING	STATION	GEOMETRY
601	1862922.050	994178.218	303+37.30	P.T.
602	1862939.138	994183.386	303+55.15	P.C.
603	1863089.262	994228.784	305+11.99	P.I.
604	1863223.191	994310.403	306+67.15	P.C.
605	1863241.774	994321.728	306+88.91	P.T.
606	1863413.619	994426.455	308+90.15	P.I.
607	1863541.899	994581.512	310+87.68	P.C.
608	1863741.070	994822.261	314+00.14	P.T.

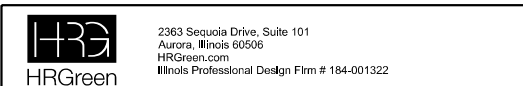
STATE OF ILLINOIS)
)SS
COUNTY OF KANE)

THIS IS TO CERTIFY THAT I, RICHARD B. MCCOMBS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, HR GREEN, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001322) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 10, 11, 14 & 15, TOWNSHIP 38 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE 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 CITY OF AURORA, KANE COUNTY, STATE OF ILLINOIS.

DATED AT AURORA, ILLINOIS THIS 8th DAY OF FEBRUARY, 2022 A.D.

Richard B. McCombs
RICHARD B. MCCOMBS, P.L.S.
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035.003847
LICENSE EXPIRATION DATE: 11/30/2022

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



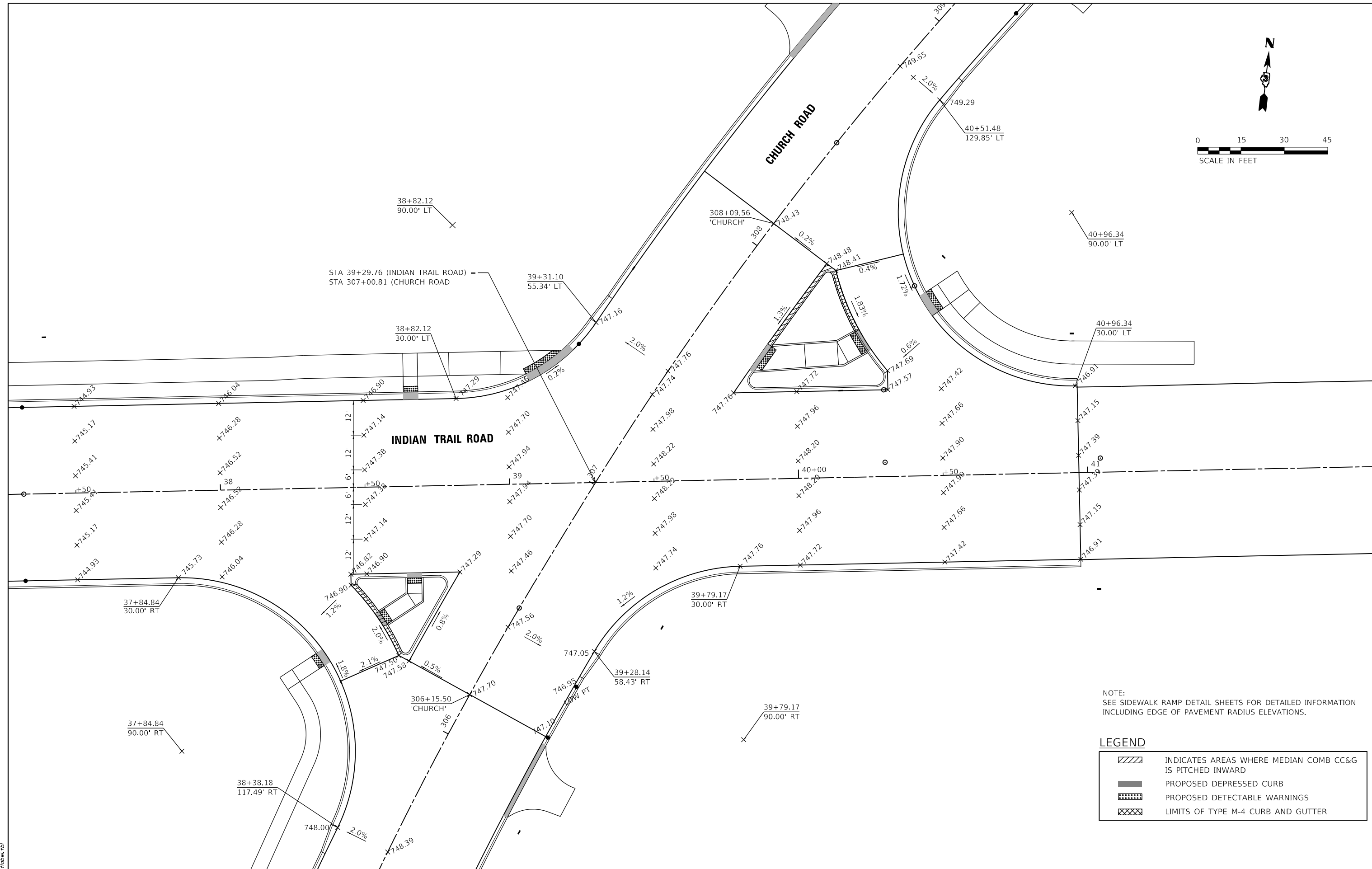
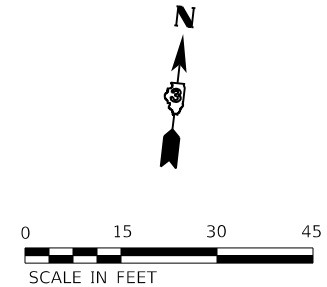
PLAT OF HIGHWAYS
CITY OF AURORA, STATE OF ILLINOIS
FAU 1503 (INDIAN TRAIL ROAD)

LIMITS: MITCHELL RD TO CHURCH RD COUNTY: KANE
SECTION: 06-002620-02-PV JOB NO.: R-55-001-97
STA. N/A TO STA. N/A
SCALE: 1" = 100' SHEET 11 OF 11 SHEETS

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

IDOT USE ONLY

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NOTE:
SEE SIDEWALK RAMP DETAIL SHEETS FOR DETAILED INFORMATION
INCLUDING EDGE OF PAVEMENT RADIUS ELEVATIONS.

LEGEND	
	INDICATES AREAS WHERE MEDIAN COMB CC&G IS PITCHED INWARD
	PROPOSED DEPRESSED CURB
	PROPOSED DETECTABLE WARNINGS
	LIMITS OF TYPE M-4 CURB AND GUTTER

HRG PROJECT NO.: 191891
 HRG PROJ. CONTACT:
 FILE NAME: 190391-191891-191891-02.dgn
 PEN TABLE: 191891.tbl

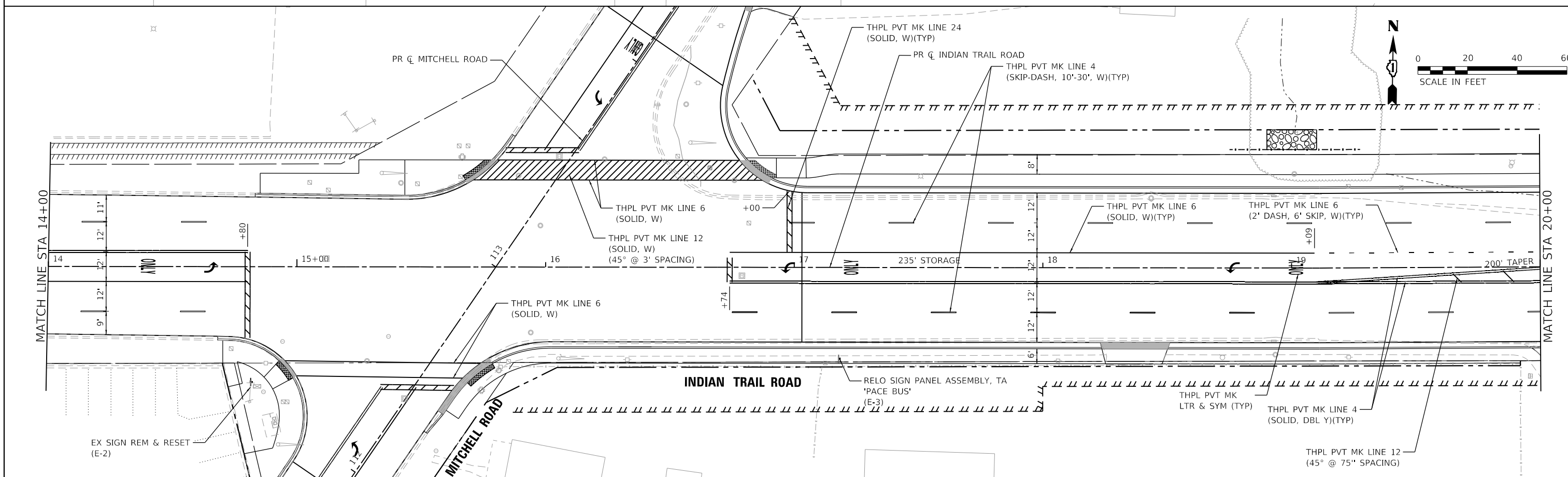
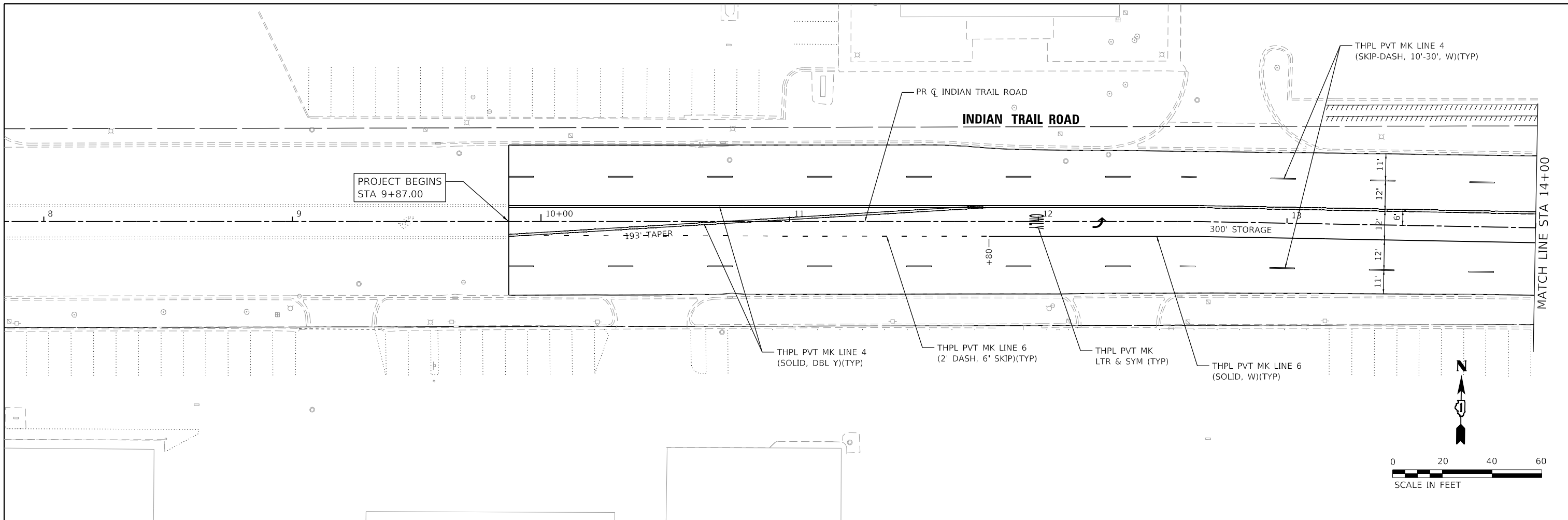


USER NAME = jstrzal	DESIGNED - KH	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE = 30.0000' / in.	CHECKED - JJS	REVISED -
PLOT DATE = 3/1/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INTERSECTION PLAN INDIAN TRAIL ROAD	
SCALE: 1"=20'	SHEET 2 OF 2 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	119
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				



HRG PROJECT NO. 191891
 HRG PROJ CONTACT:
 FILE NAME: 191891-17-01.dgn
 PEN TABLE: 191891.tbl



USER NAME = jstrzal
 PLOT SCALE = 40.0000 "/in.
 PLOT DATE = 3/1/2023

DESIGNED - KH
 DRAWN - DMS
 CHECKED - JJS
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

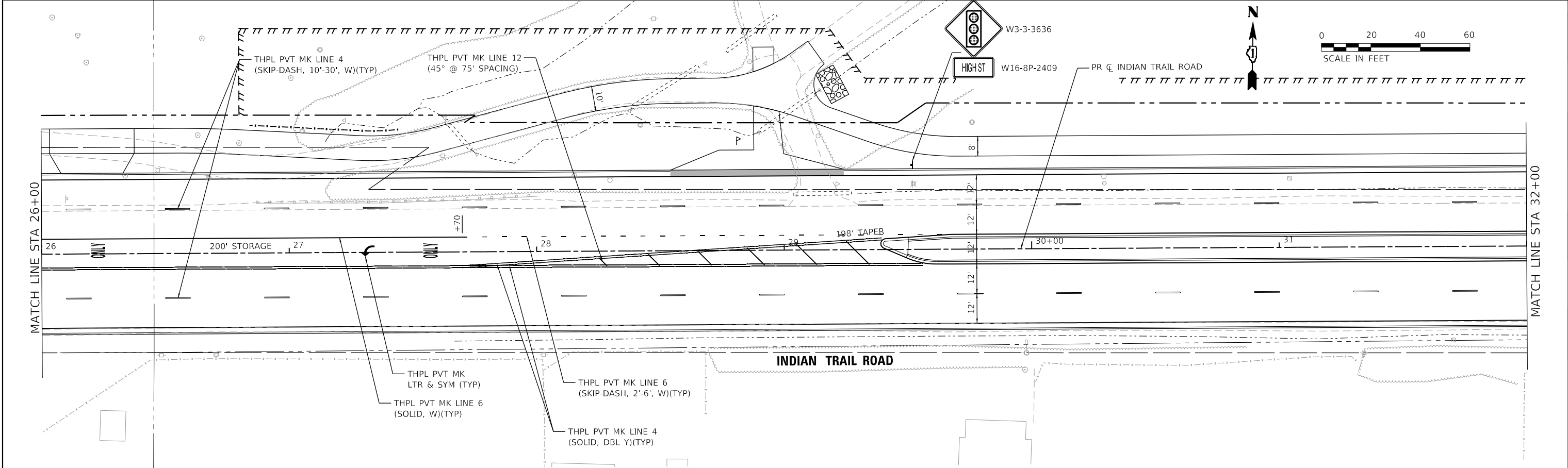
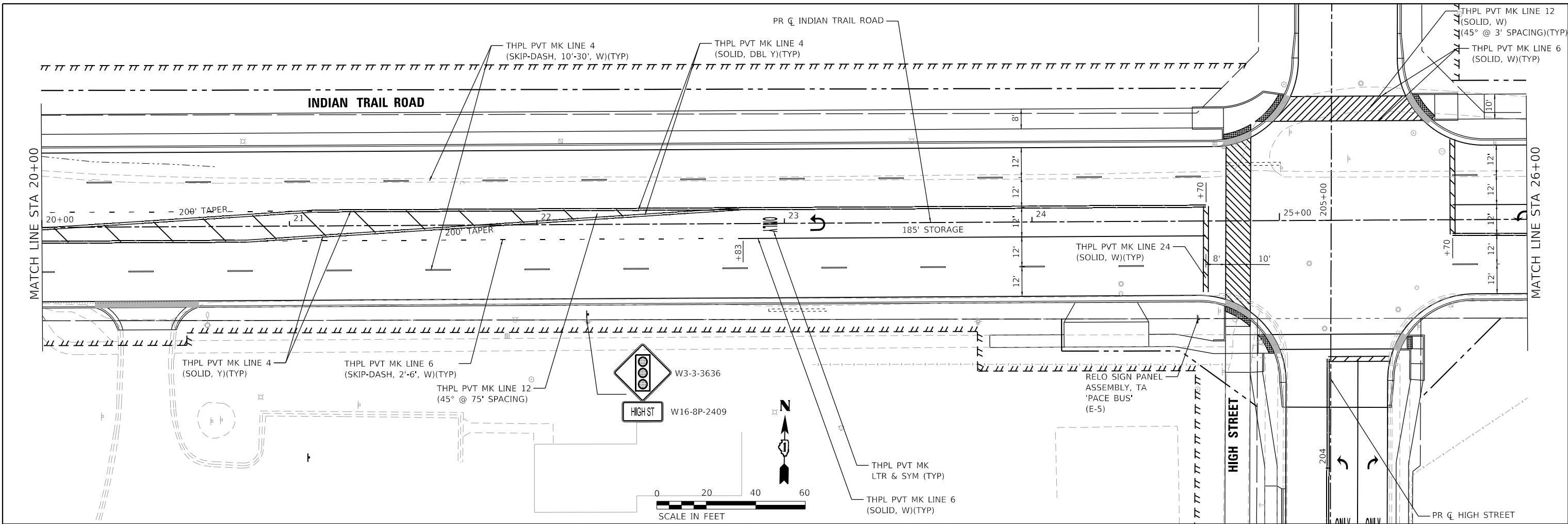
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING
 INDIAN TRAIL ROAD**

SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. 8+00 TO STA. 20+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	120
CONTRACT NO. 61H85				

ILLINOIS FED. AID PROJECT



HRG PROJECT NO. 19189
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 FILE NAME: 0939-srt-pmk-IT-02.dgn
 PEN TABLE: 10/10/2021



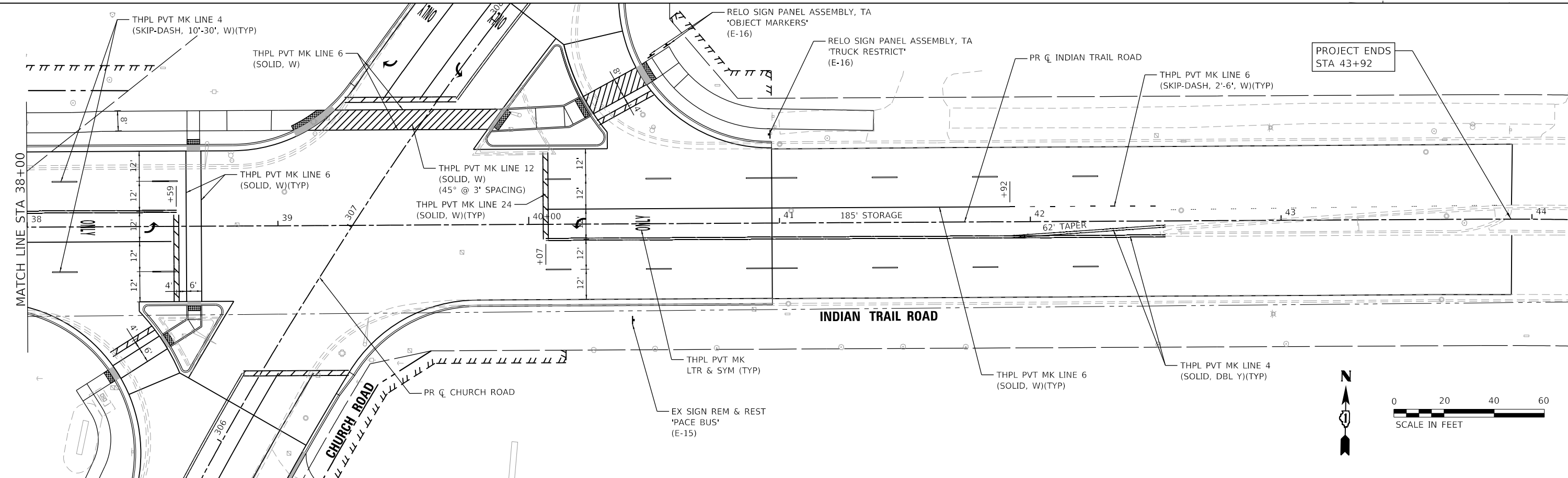
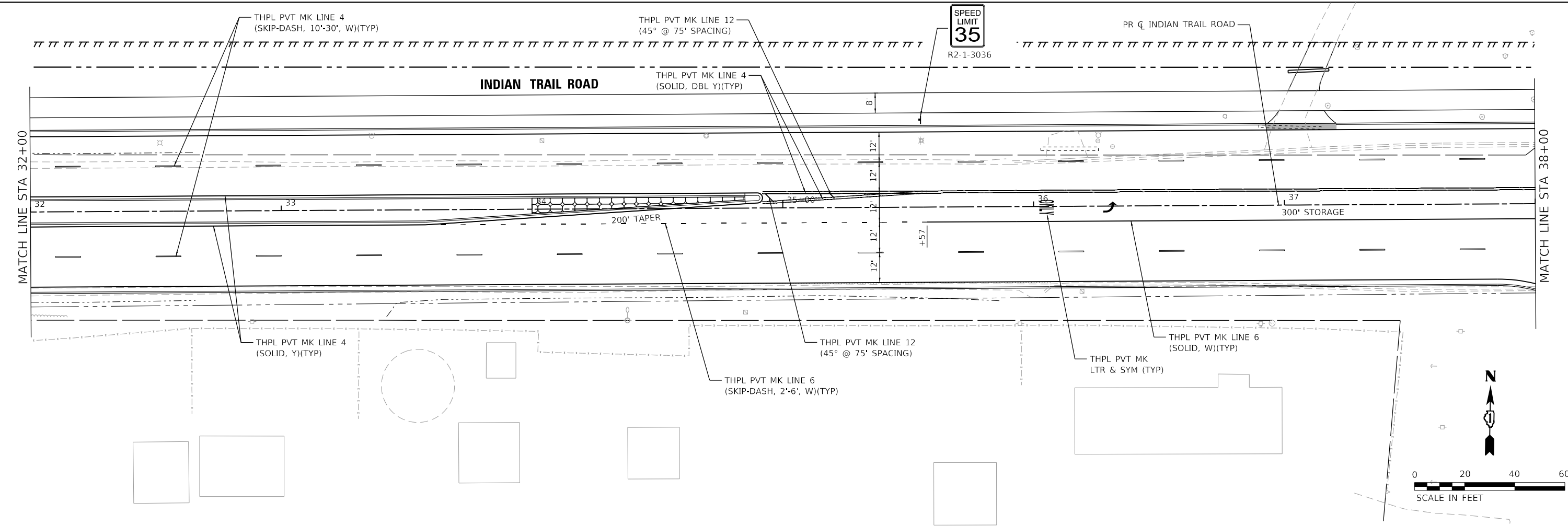
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	DRAWN - DMS	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JJS	REVISED -
PLOT DATE = 3/1/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING
 INDIAN TRAIL ROAD**

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 20+00 TO STA. 32+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	121
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				



HRG PROJECT NO. 191891
 HRG PROJ. CONTACT:
 FILE NAME: 091891-191891-191891-191891-191891.dgn
 PEN TABLE: 191891.tbl



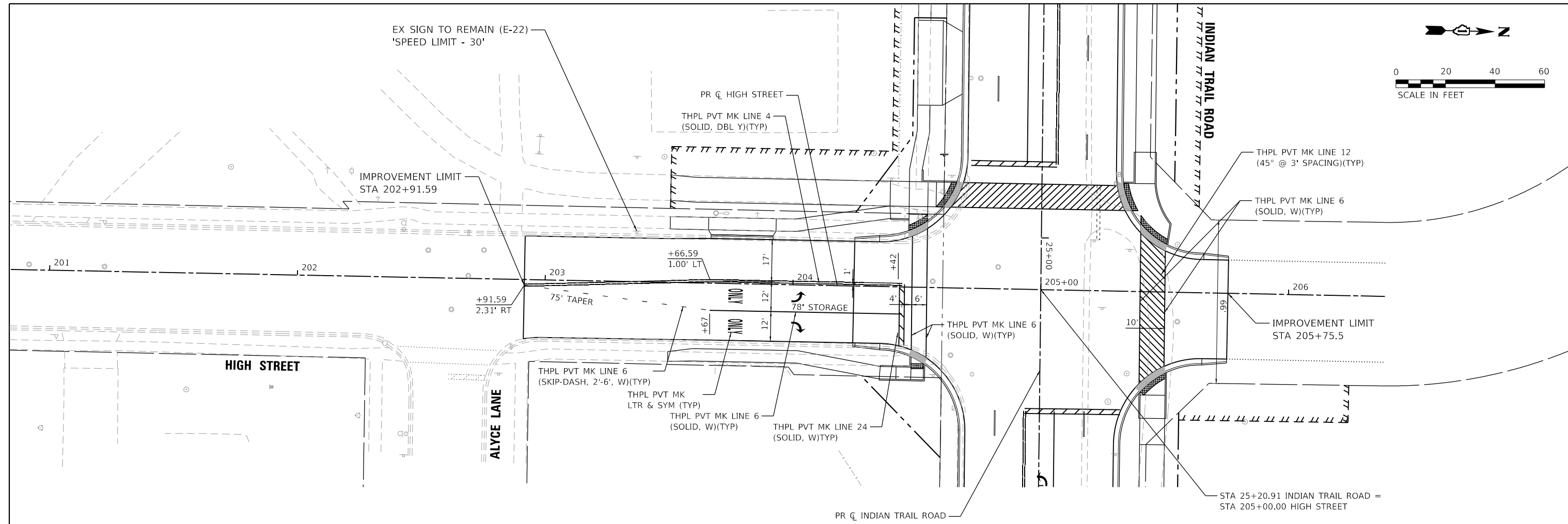
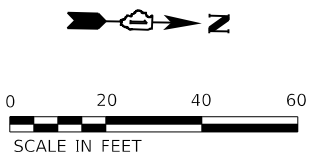
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	DRAWN - DMS	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JJS	REVISED -
PLOT DATE = 3/1/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING
INDIAN TRAIL ROAD

SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 32+00 TO STA. 44+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	122
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				



HRG PROJECT NO.: 19189
 HRG PROJ. CONTACT:
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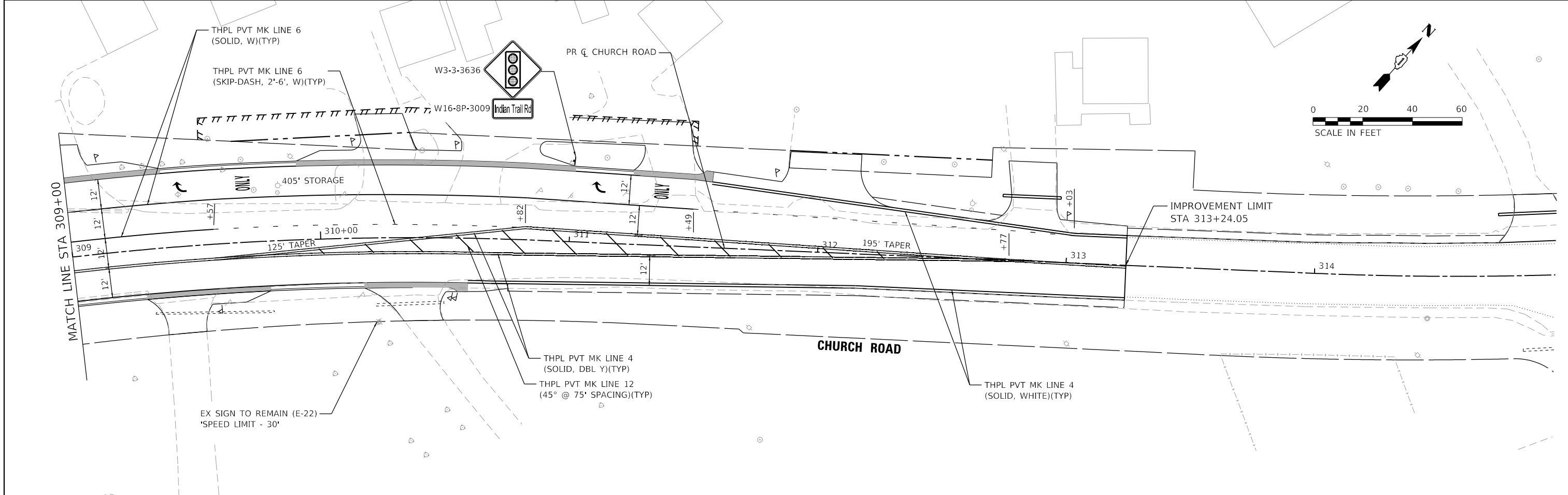
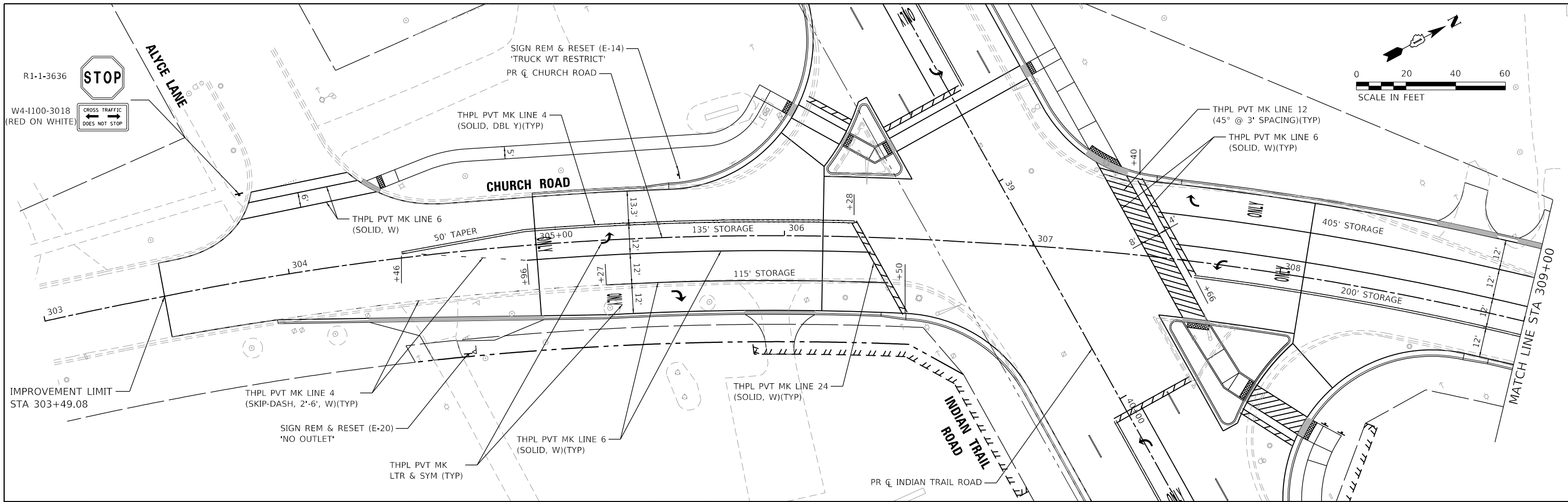


USER NAME = jstrzal	DESIGNED - KH	REVISED -
DRAWN - DMS	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - JJS	REVISED -
PLOT DATE = 3/24/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING	
HIGH STREET	
SCALE: 1"=20'	SHEET 1 OF 1 SHEETS
STA. 201+00	TO STA. 206+39

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	124
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				



HRG PROJECT NO. 191891
 HRG PROJ. CONTACT:
 FILE NAME: 091891-191891-191891-191891.dwg
 PEN TABLE: 191891.tbl



USER NAME = jstrzal
 PLOT SCALE = 40,0000 ' / in.
 PLOT DATE = 3/1/2023

DESIGNED - KH	REVISED -
DRAWN - DMS	REVISED -
CHECKED - JJS	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING
 CHURCH ROAD**

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. 303+00 TO STA. 314+00

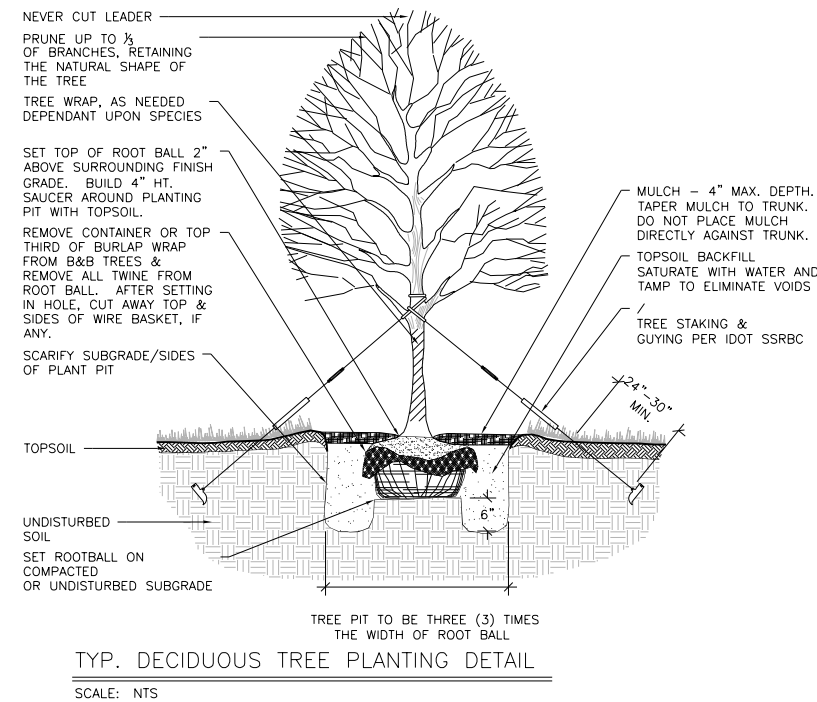
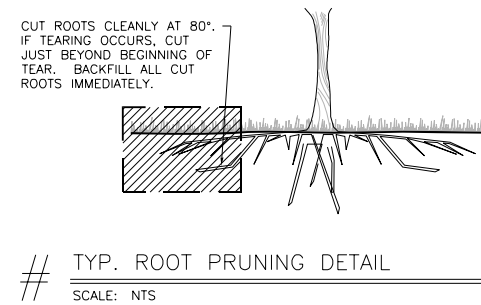
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	125
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				

PLANTING KEY

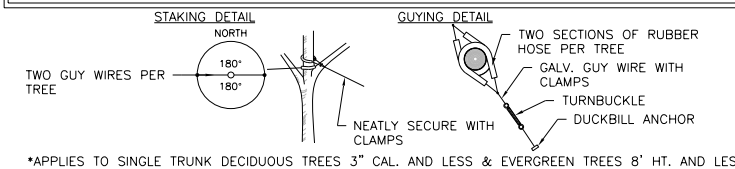
QTY	KEY	BOTANICAL NAME/ITEM	COMMON NAME	SIZE	COND	REMARKS
DECIDUOUS TREES						
9	AF	ACER X FREEMANII AUTUMN FANTASY	AUTUMN FANTASY MAPLE	2.5" CAL.	B&B	CENTRAL LEADER; MATCHED
3	CO	CELTIS OCCIDENTALIS CHICAGOLAND	CHICAGOLAND COMMON HACKBERRY	2" CAL.	B&B	CENTRAL LEADER; MATCHED
8	SP	SYRINGA PEKINENSIS MORTON	CHINA SNOW PEKING LILAC	2" CAL.	TREE FORM, B&B	CENTRAL LEADER; MATCHED
6	QM	QUERCUS MACROCARPA	BUR OAK	2" CAL.	B&B	CENTRAL LEADER; MATCHED
4	QB	QUERCUS BICOLOR	SWAMP WHITE OAK	2" CAL.	B&B	CENTRAL LEADER; MATCHED

PLANTING NOTE:

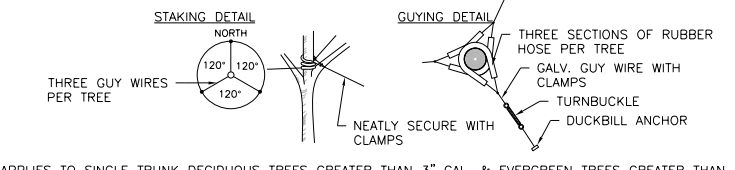
THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER ON THE FINAL PLACEMENTS OF THE PLANT MATERIALS TO AVOID ANY CONFLICTS BETWEEN TREES AND UNDERGROUND UTILITY LINES.



GUYING STANDARDS
 • TWO (2) ANCHORS (HOLDING CAPACITY 1100# PER ANCHOR IN NORMAL SOIL.)



GUYING STANDARDS
 • THREE (3) ANCHORS (HOLDING CAPACITY 1100# PER ANCHOR IN NORMAL SOIL.)



HRG PROJECT NO.: 19189
 HRG PROJ. CONTACT:
 FILE NAME: 19189-17-1-INDIAN TRAIL RD.dgn
 PEN TABLE: 19189.tbl



USER NAME = jstrzal	DESIGNED - KH	REVISED - XX/XX/XXXX
PLOT SCALE = 2,0000' / 1 in.	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT DATE = 3/1/2023	CHECKED - JJS	REVISED - XX/XX/XXXX
	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LANDSCAPING SCHEDULE & DETAILS			
INDIAN TRAIL ROAD			
SCALE: 1"=20'	SHEET 1 OF 1 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	126
CONTRACT NO. 61H85				
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								

TS SHT NO. 01

MODEL: Default
FILE NAME: \\p01ul08a1e01dntec\files\gis\p\w\dot\Documents\DOT_01\files\dot\ts_sht\ts_sht\ts_sht.dgn

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	DRAWN - IP	REVISED -
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PLOT DATE = 3/4/2019	DATE - 9/29/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

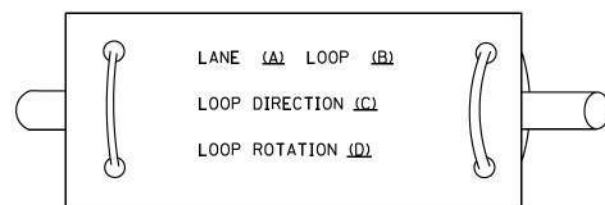
DISTRICT ONE	
STANDARD TRAFFIC SIGNAL DESIGN DETAILS	
SCALE: NONE	SHEET 1 OF 38 SHEETS STA. TO STA.

F.A.U. RTE. 1503	SECTION 06-00260-02-PV	COUNTY KANE	TOTAL SHEETS 227	SHEET NO. 127
TS-05		CONTRACT NO. 61H85		
ILLINOIS FED. AID PROJECT				

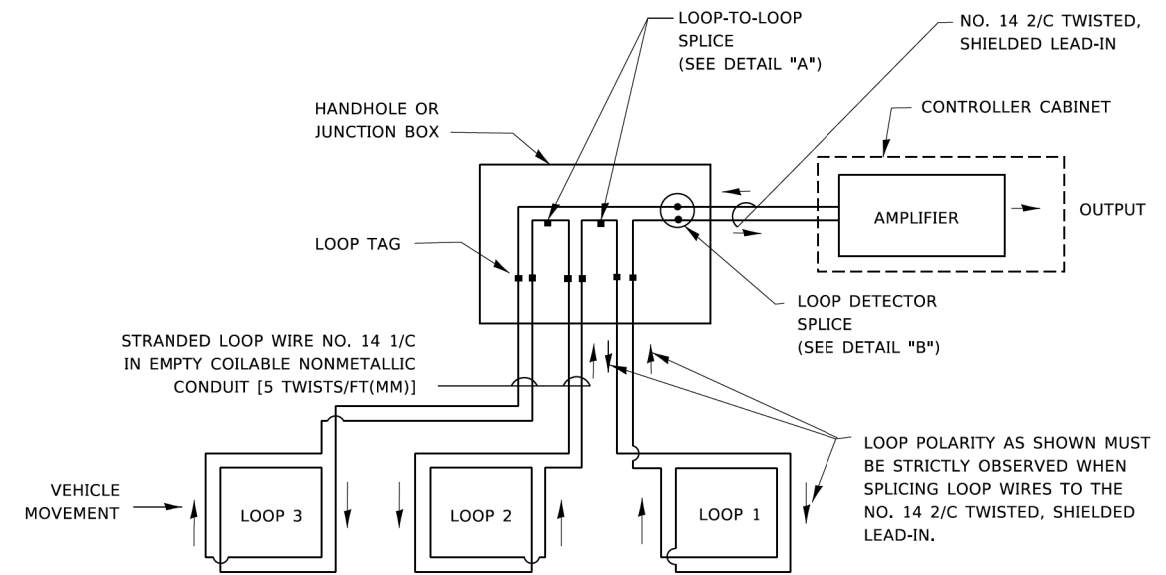
LOOP DETECTOR NOTES

- 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

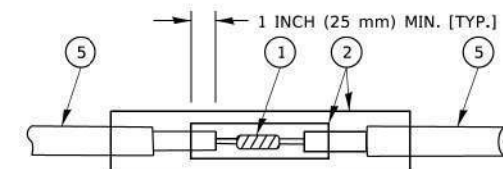


- LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT",
- LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

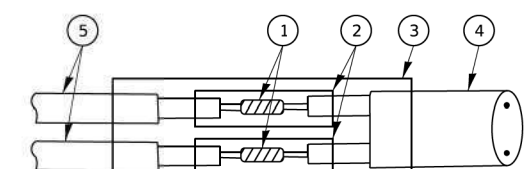


DETECTOR LOOP WIRING SCHEMATIC

- 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.

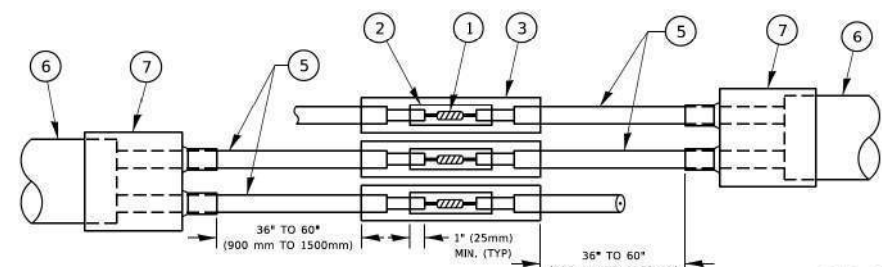


DETAIL "A"
LOOP-TO-LOOP SPLICE

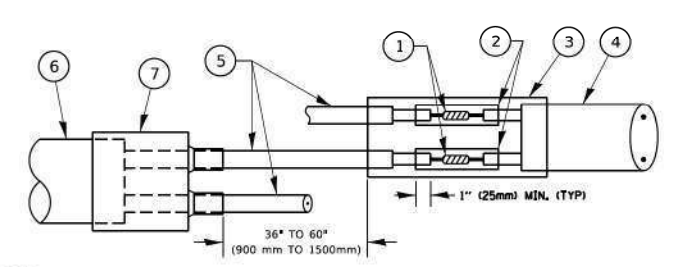


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

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. PREFORMED LOOP
- XL POLYOLEFIN 2 CONDUCTOR
- BREAKOUT SEALS.

TS SHT NO. 02

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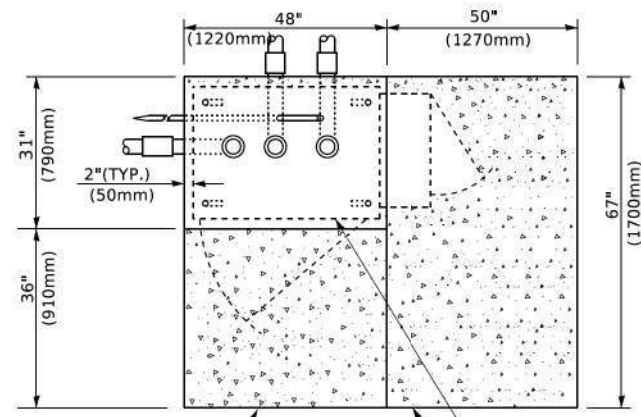
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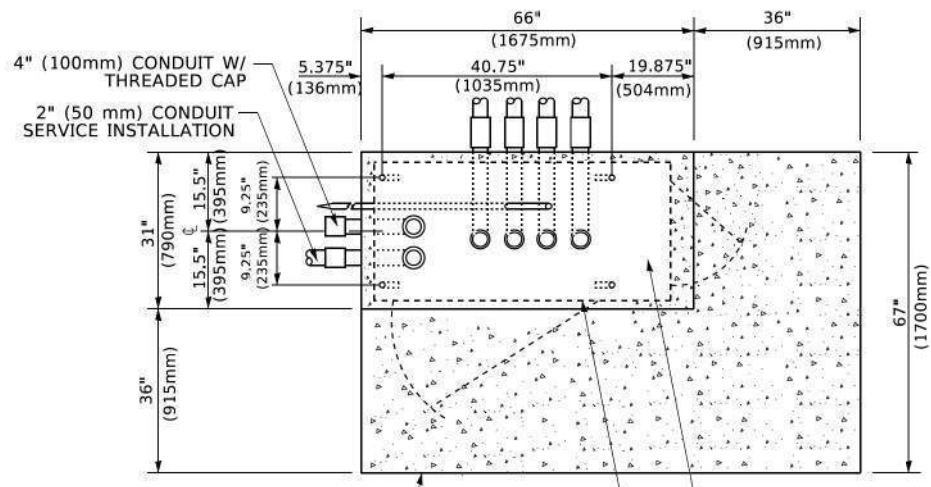
DISTRICT ONE
 STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE SHEET 2 OF 38 SHEETS STA. TO STA.

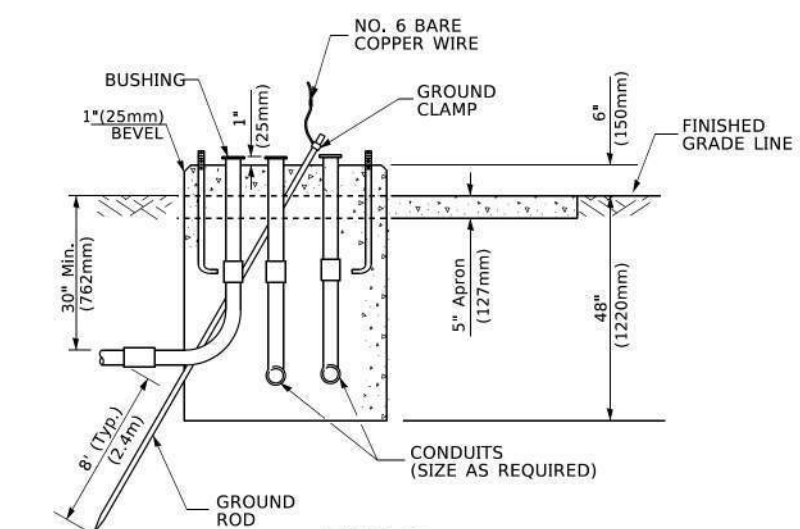
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TS-05		CONTRACT NO. 61H85		
ILLINOIS FED. AID PROJECT				



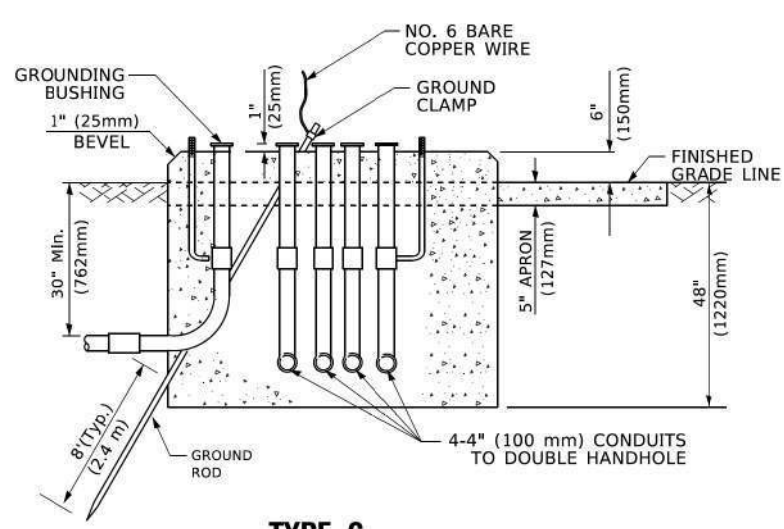
TOP VIEW



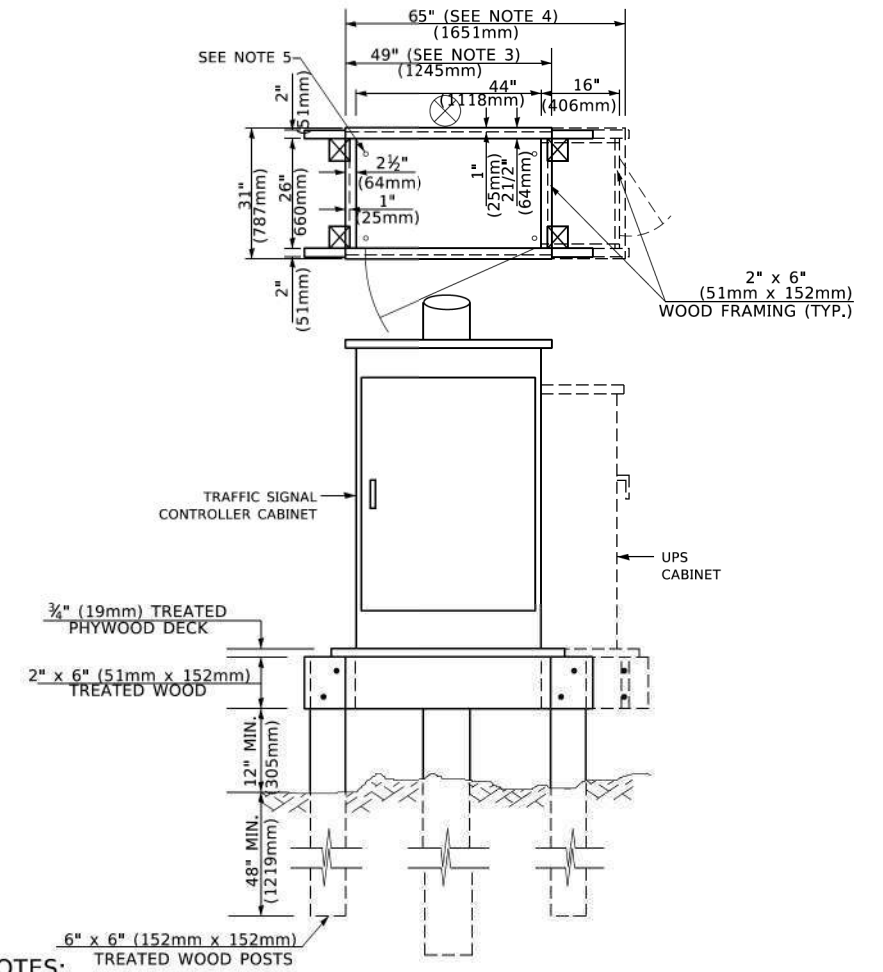
TOP VIEW



**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:**
1. 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.
 2. 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.
 3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
 4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
 5. 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.
 6. 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 65' (19.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 65' (19.8 m) and less than 75' (22.9 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

- NOTES:**
1. 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.
 2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
 3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations.
 4. For mast arm assemblies with dual arms refer to state standard 878001..

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

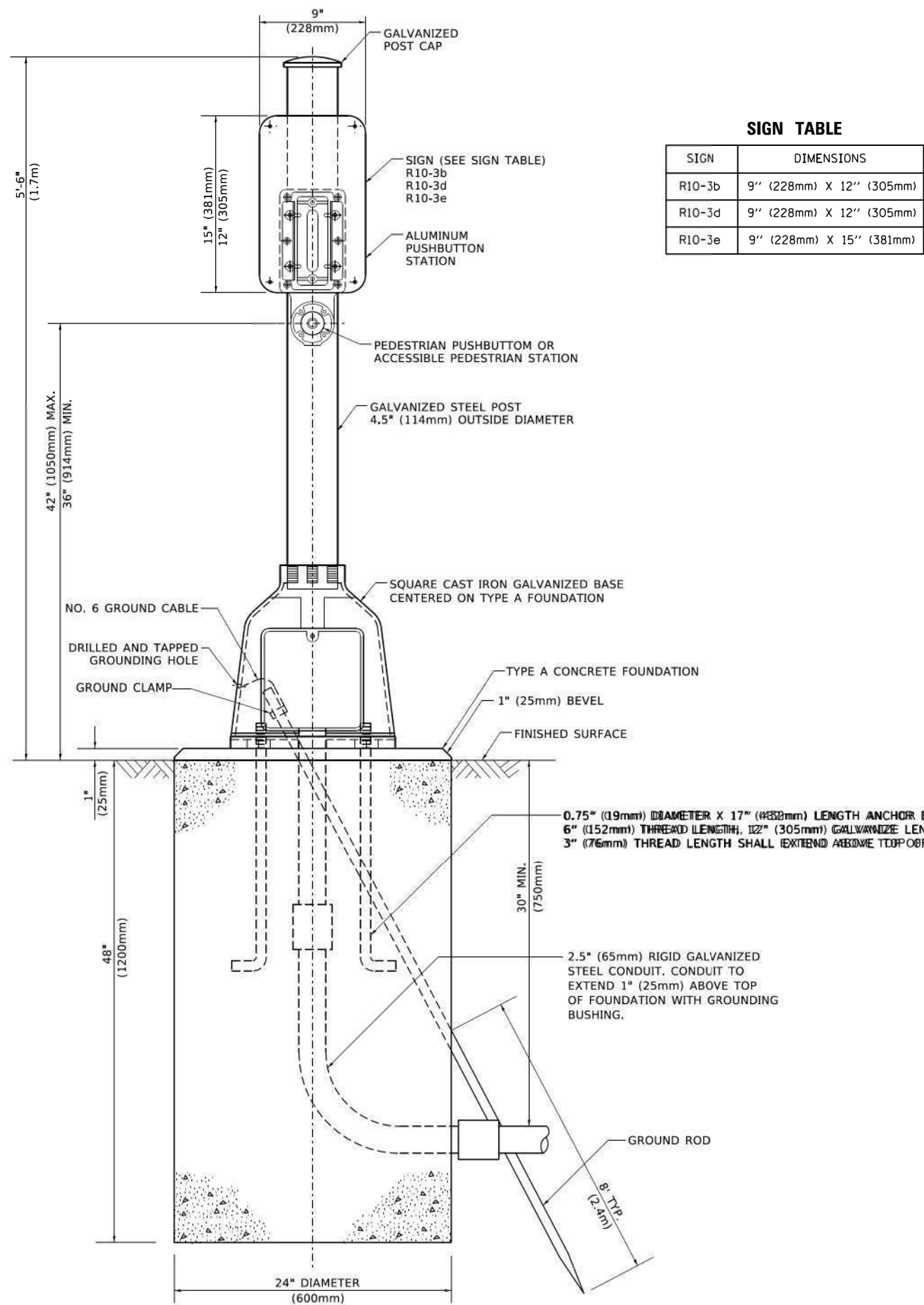
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

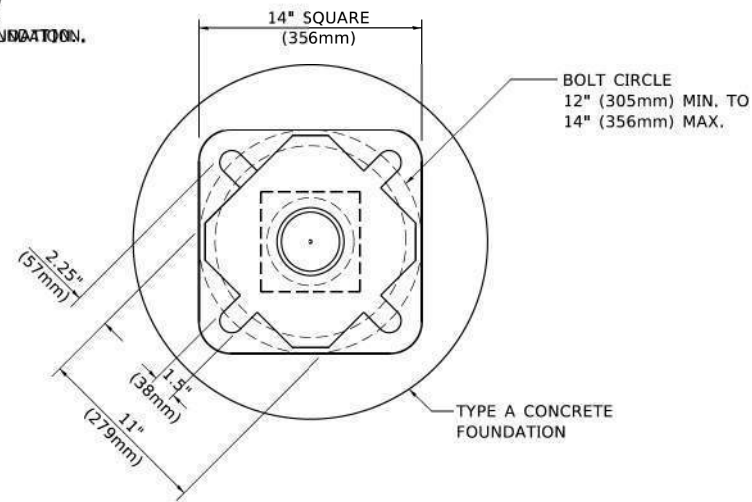
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STANDARD TRAFFIC SIGNAL DESIGN DETAILS	
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F.A.U. RTE. 1503	SECTION 06-00260-02-PV	COUNTY KANE	TOTAL SHEETS 227	SHEET NO. 131
TS-05		CONTRACT NO. 61H85		
ILLINOIS FED. AID PROJECT				



SIGN TABLE

SIGN	DIMENSIONS
R10-3b	9" (228mm) X 12" (305mm)
R10-3d	9" (228mm) X 12" (305mm)
R10-3e	9" (228mm) X 15" (381mm)



BOLT PATTERN

PEDESTRIAN PUSH BUTTON POST, TYPE A

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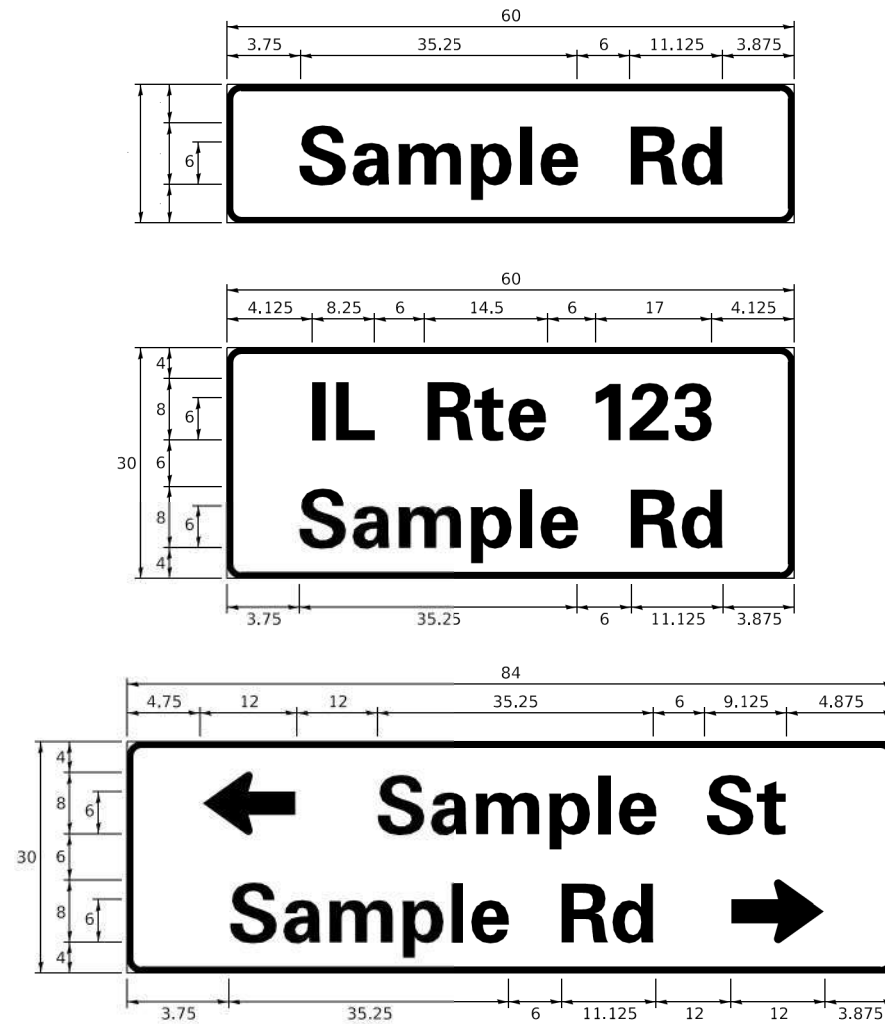
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 7 OF 38 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	133
TS-05			CONTRACT NO. 61H85	
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

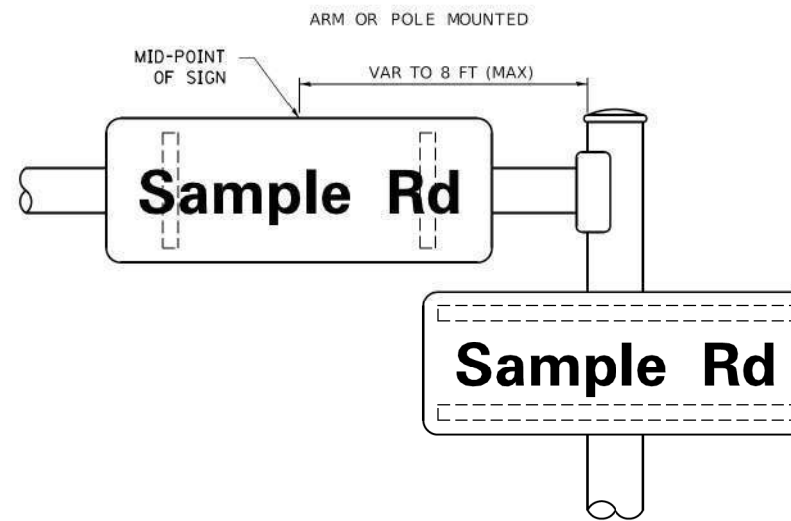
GENERAL NOTES

- 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.

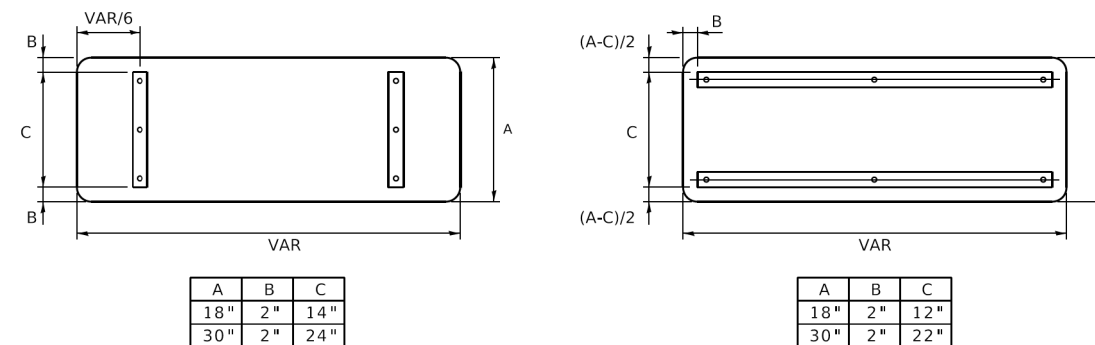
STANDARD ALPHABETS SPACING CHART
(8") UPPER CASE AND (6") LOWER CASE

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

MOUNTING LOCATION



SUPPORTING CHANNELS



TS SHT NO. 08

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
MAST ARM MOUNTED STREET NAME SIGNS

SCALE: SHEET 8 OF 33 SHEETS STA. TO STA.

F.A.U. RTE. 1503	SECTION 06-00260-02-PV	COUNTY KANE	TOTAL SHEETS 227	SHEET NO. 134
TS-02		CONTRACT NO. 61H85		
ILLINOIS / FED. AID PROJECT				

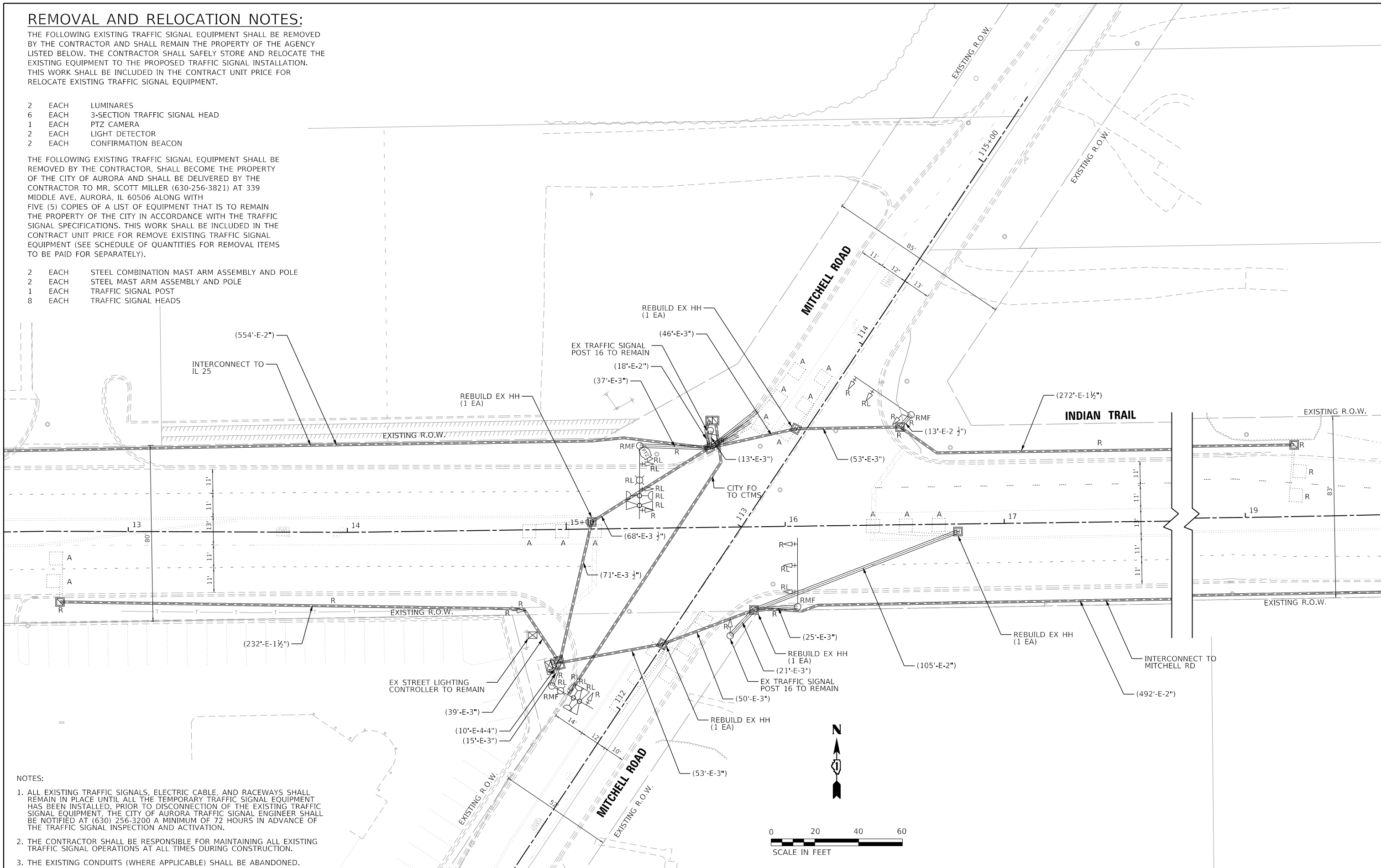
REMOVAL AND RELOCATION NOTES:

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 RELOCATE THE EXISTING EQUIPMENT TO THE PROPOSED TRAFFIC SIGNAL INSTALLATION. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT.

- 2 EACH LUMINAIRES
- 6 EACH 3-SECTION TRAFFIC SIGNAL HEAD
- 1 EACH PTZ CAMERA
- 2 EACH LIGHT DETECTOR
- 2 EACH CONFIRMATION BEACON

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL BECOME THE PROPERTY OF THE CITY OF AURORA AND SHALL BE DELIVERED BY THE CONTRACTOR TO MR. SCOTT MILLER (630-256-3821) AT 339 MIDDLE AVE, AURORA, IL 60506 ALONG WITH FIVE (5) COPIES OF A LIST OF EQUIPMENT THAT IS TO REMAIN THE PROPERTY OF THE CITY IN ACCORDANCE WITH THE TRAFFIC SIGNAL SPECIFICATIONS. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT (SEE SCHEDULE OF QUANTITIES FOR REMOVAL ITEMS TO BE PAID FOR SEPARATELY).

- 2 EACH STEEL COMBINATION MAST ARM ASSEMBLY AND POLE
- 2 EACH STEEL MAST ARM ASSEMBLY AND POLE
- 1 EACH TRAFFIC SIGNAL POST
- 8 EACH TRAFFIC SIGNAL HEADS



- NOTES:
1. ALL EXISTING TRAFFIC SIGNALS, ELECTRIC CABLE, AND RACEWAYS SHALL REMAIN IN PLACE UNTIL ALL THE TEMPORARY TRAFFIC SIGNAL EQUIPMENT HAS BEEN INSTALLED. PRIOR TO DISCONNECTION OF THE EXISTING TRAFFIC SIGNAL EQUIPMENT, THE CITY OF AURORA TRAFFIC SIGNAL ENGINEER SHALL BE NOTIFIED AT (630) 256-3200 A MINIMUM OF 72 HOURS IN ADVANCE OF THE TRAFFIC SIGNAL INSPECTION AND ACTIVATION.
 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING TRAFFIC SIGNAL OPERATIONS AT ALL TIMES DURING CONSTRUCTION.
 3. THE EXISTING CONDUITS (WHERE APPLICABLE) SHALL BE ABANDONED.

HRG PROJECT NO. 191891
 HRG PROJ. CONTACT:
 FILE NAME: 090319-sht-10-mitch-r-em-01.dgn
 PEN TABLE: 0610tbl.tbl

TS SHT NO. 10



USER NAME = jstrzal	DESIGNED - JCH	REVISED -
	DRAWN - JCH	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - JJS	REVISED -
PLOT DATE = 3/1/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN
INDIAN TRAIL ROAD AT MITCHELL ROAD

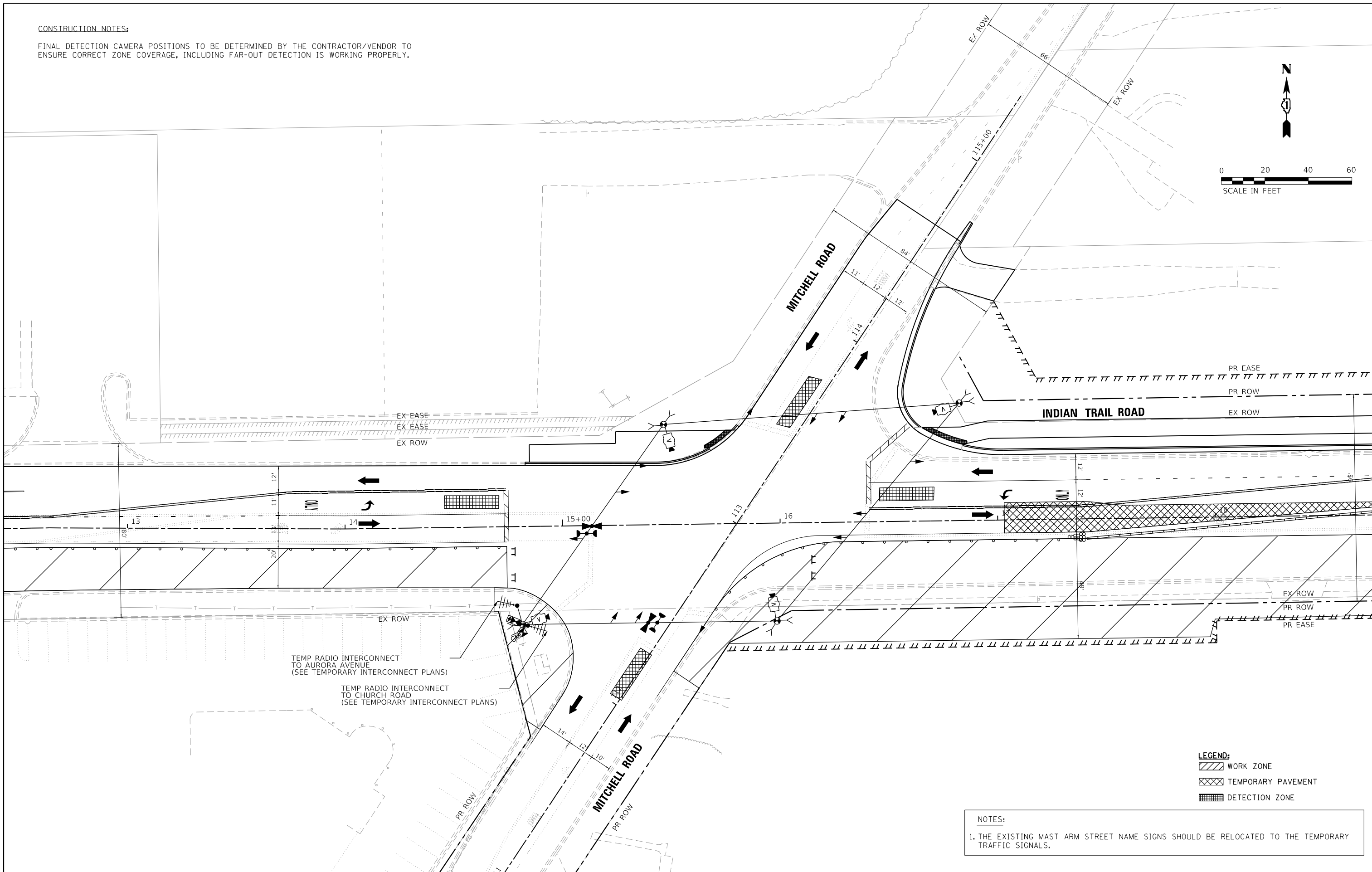
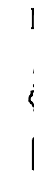
SCALE: 1"=20' SHEET 10 OF 33 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	136
CONTRACT NO. 61H85				

ILLINOIS FED. AID PROJECT

CONSTRUCTION NOTES:

FINAL DETECTION CAMERA POSITIONS TO BE DETERMINED BY THE CONTRACTOR/VENDOR TO ENSURE CORRECT ZONE COVERAGE, INCLUDING FAR-OUT DETECTION IS WORKING PROPERLY.



- LEGEND:**
- WORK ZONE
 - TEMPORARY PAVEMENT
 - DETECTION ZONE

- NOTES:**
- THE EXISTING MAST ARM STREET NAME SIGNS SHOULD BE RELOCATED TO THE TEMPORARY TRAFFIC SIGNALS.

HRG PROJECT NO.: 191891
 HRG PROJ. CONTACT:
 FILE NAME: 09397-srr-mitch-temp-02.dgn
 PEN TABLE: 06106041.tbl



USER NAME = jstrzal	DESIGNED - JCH	REVISED -
	DRAWN - JCH	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JJS	REVISED -
PLOT DATE = 3/1/2023	DATE -	REVISED -

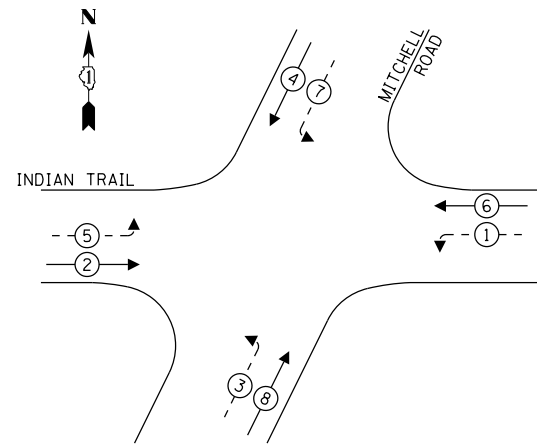
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN - STAGE 2
INDIAN TRAIL ROAD AT MITCHELL ROAD**

SCALE: 1"=20' SHEET 12 OF 33 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	138
				CONTRACT NO. 61H85
ILLINOIS FED. AID PROJECT				

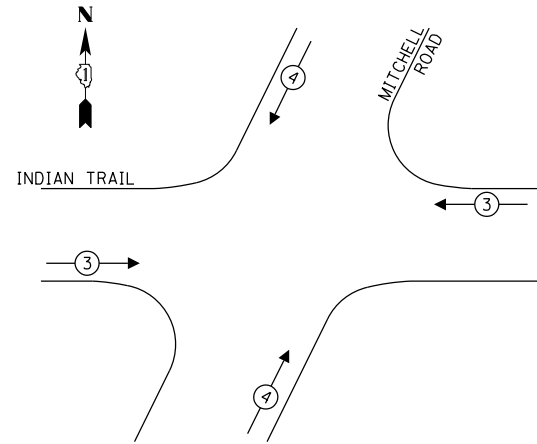
PROPOSED CONTROLLER SEQUENCE



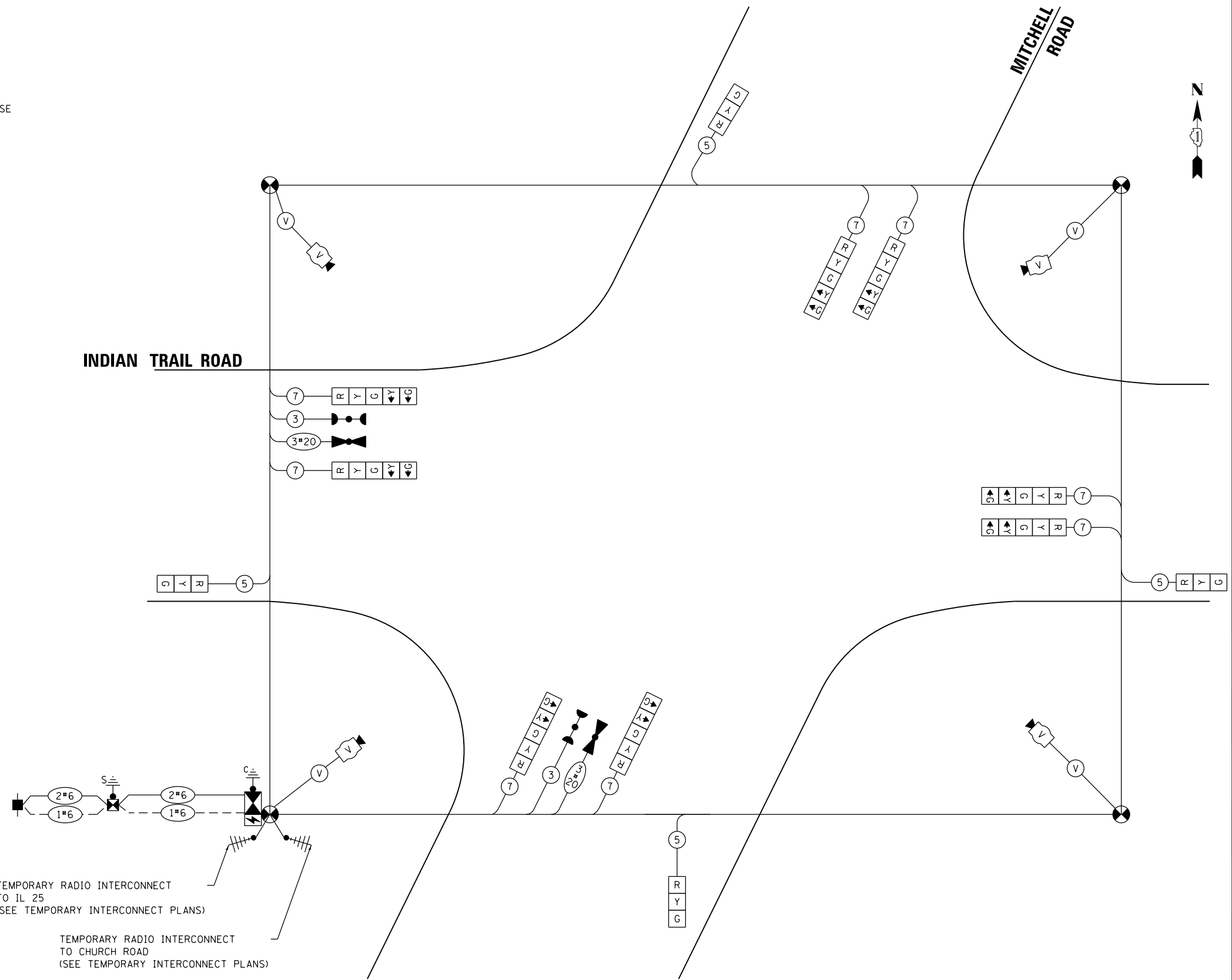
LEGEND:

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

**PROPOSED EMERGENCY VEHICLE
PREEMPTION SEQUENCE**



INDIAN TRAIL ROAD



**TEMPORARY CABLE PLAN
ALL STAGES**

HRG PROJECT NO.: 19189
 HRG PROJ. CONTACT:
 FILE NAME: 09397-srv-sig-mitch-cab-temp-01.dgn
 PEN TABLE: 09397.tbl



USER NAME = jstrzal	DESIGNED - JCH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - JJS	REVISED -
PLOT DATE = 3/1/2023	DATE -	REVISED -

DRAWN - JCH	REVISED -
CHECKED - JJS	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

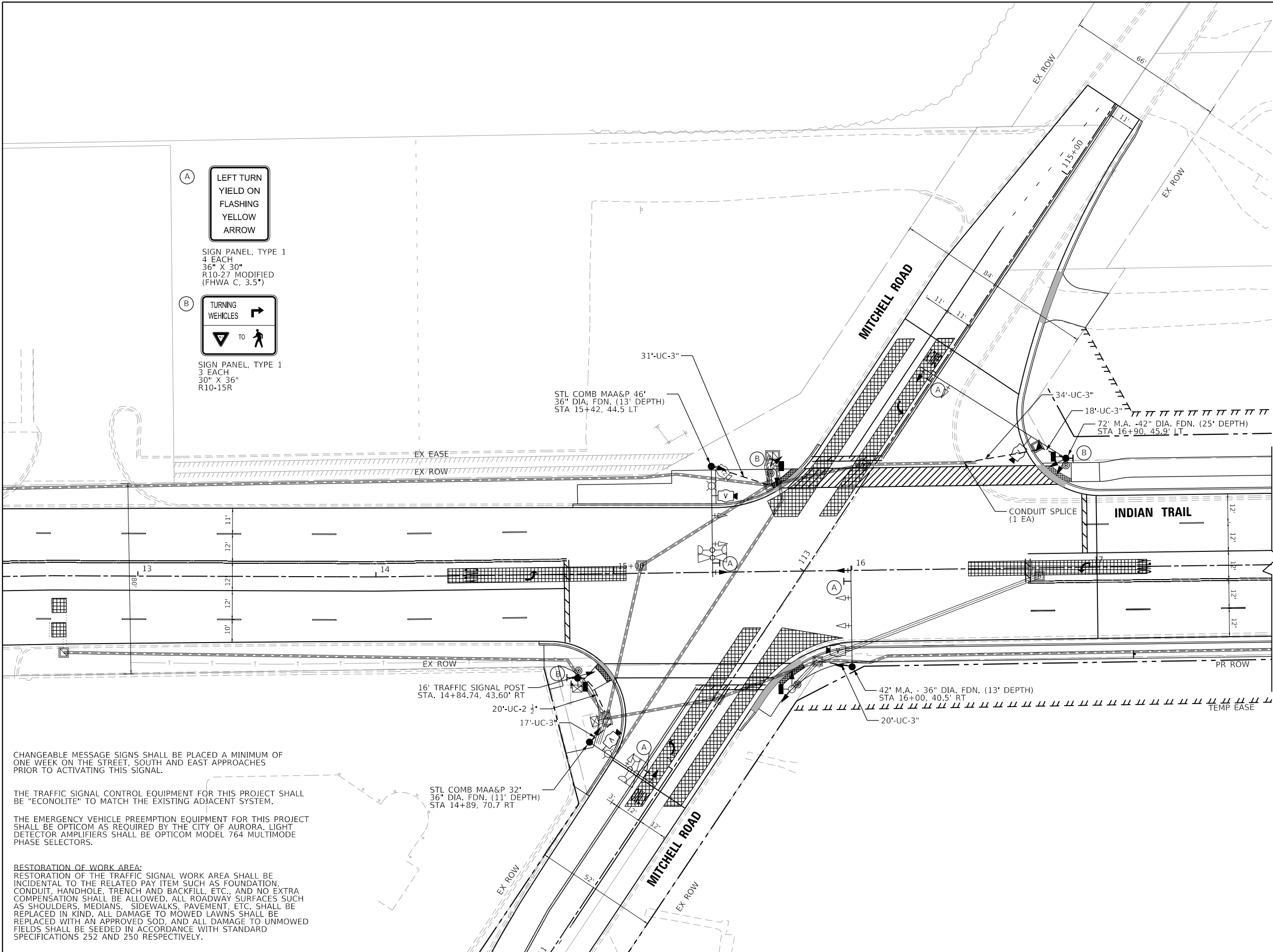
**TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM,
AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
INDIAN TRAIL ROAD AT MITCHELL ROAD**

SCALE: SHEET 14 OF 33 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	140
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H85	

TS SHT NO. 11

HRG PROJECT NO. 191891
 HRG PROJ. CONTACT:
 FILE NAME: 091891-sht-11-mitch-01.dgn
 PEN TABLE: 1/10/2023
 HRGreen.com

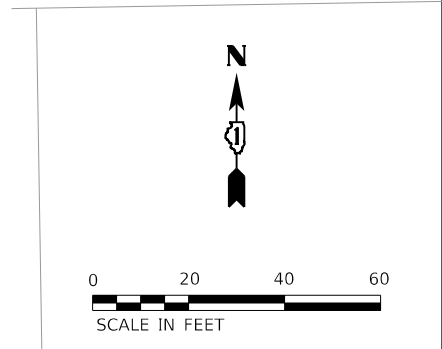


(A)
 LEFT TURN
 YIELD ON
 FLASHING
 YELLOW
 ARROW

SIGN PANEL, TYPE 1
 4 EACH
 36" X 30"
 R10-27 MODIFIED
 (FHWA C. 3.5*)

(B)
 TURNING
 VEHICLES

SIGN PANEL, TYPE 1
 3 EACH
 30" X 36"
 R10-15R



CHANGEABLE MESSAGE SIGNS SHALL BE PLACED A MINIMUM OF ONE WEEK ON THE STREET, SOUTH AND EAST APPROACHES PRIOR TO ACTIVATING THIS SIGNAL.

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

THE EMERGENCY VEHICLE PREEMPTION EQUIPMENT FOR THIS PROJECT SHALL BE OPTICOM AS REQUIRED BY THE CITY OF AURORA. LIGHT DETECTOR AMPLIFIERS SHALL BE OPTICOM MODEL 764 MULTIMODE PHASE SELECTORS.

RESTORATION OF WORK AREA:
 RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

31'-UC-3"

STL COMB MAA&P 46'
 36" DIA. FDN. (13' DEPTH)
 STA 15+42, 44.5 LT

34'-UC-3"

18'-UC-3"

72' M.A. -42" DIA. FDN. (25' DEPTH)
 STA 16+90, 45.9' LT

CONDUIT SPLICE
 (1 EA)

INDIAN TRAIL

16' TRAFFIC SIGNAL POST
 STA. 14+84.74, 43.60' RT

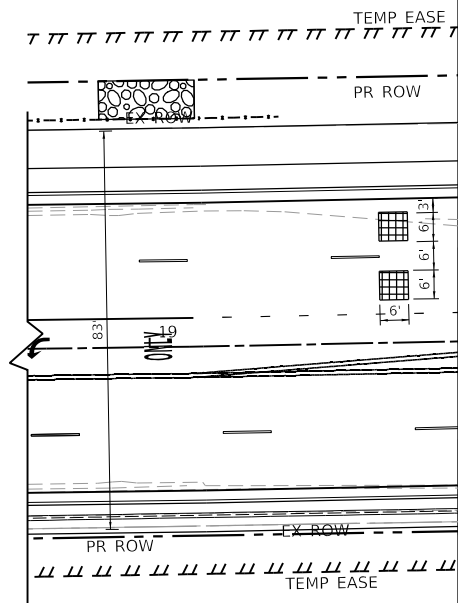
20'-UC-2 1/2"

17'-UC-3"

42' M.A. - 36" DIA. FDN. (13' DEPTH)
 STA 16+00, 40.5' RT

20'-UC-3"

STL COMB MAA&P 32'
 36" DIA. FDN. (11' DEPTH)
 STA 14+89, 70.7 RT



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

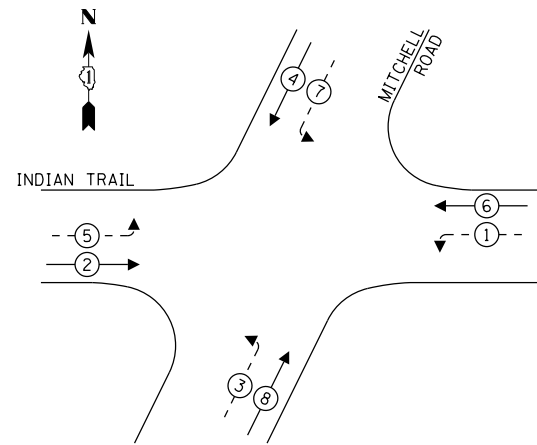
TRAFFIC SIGNAL INSTALLATION PLAN
 INDIAN TRAIL ROAD AT MITCHELL ROAD

SCALE: 1"=20'

SHEET 15 OF 33 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	141
CONTRACT NO. 61H85				
ILLINOIS		FED. AID PROJECT		

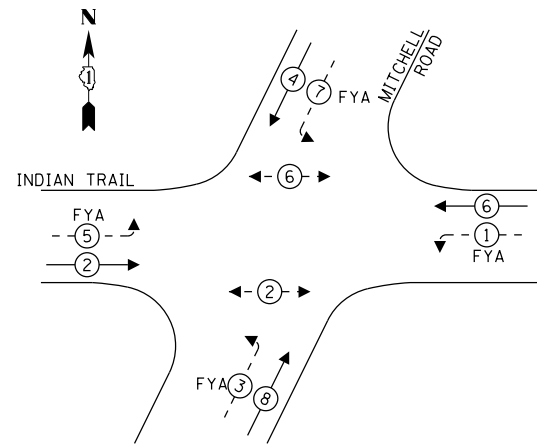
EXISTING CONTROLLER SEQUENCE



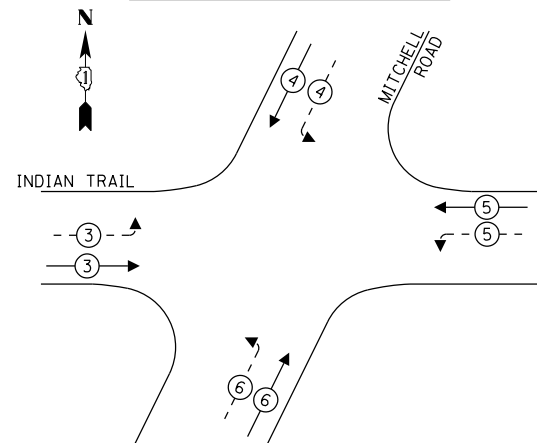
LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OVERLAP
- FLASHING YELLOW LIGHT

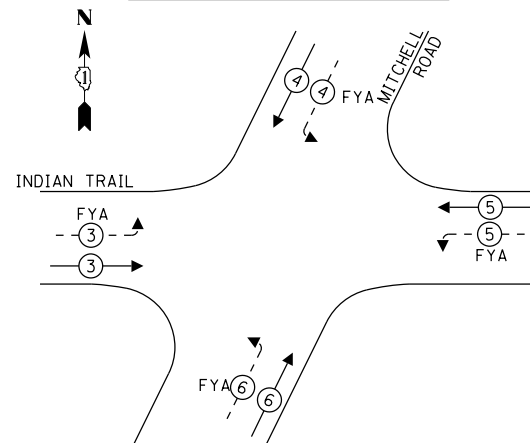
PROPOSED CONTROLLER SEQUENCE



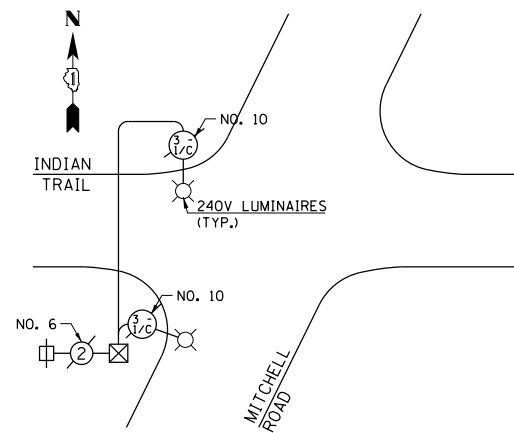
EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



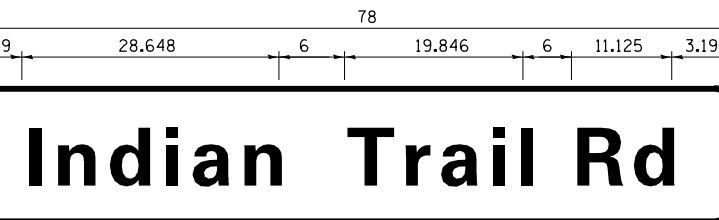
EXISTING & PROPOSED LIGHTING CABLE PLAN



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	7.5	1	ZZ	2

SHALL BE MOUNTED ON THE MAST ARMS IN THE NORTHWEST AND SOUTHEAST CORNERS.

MA-1



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	9.75	2	ZZ	2

SHALL BE MOUNTED ON THE MAST ARM IN SOUTHWEST AND NORTHEAST CORNERS.

MA-2

SCHEDULE OF QUANTITIES

ITEM	UNIT	TOTAL
SIGN PANEL - TYPE 1	SQ. FT.	37.5
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	275.0
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	53.0
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	329.0
HANDHOLE	EACH	2
UNIT DUCT, 600V, 5-1C NO.2, 1C NO.4 GROUND, (XLP-TYPE USE), 2" DIA. POLYETHYLENE	FOOT	6
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	413.5
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,136.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2,428.5
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,124.0
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1,105.0
ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 16 3 PAIR	FOOT	901.0
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	26.0
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	955.5
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 72 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	4.0
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	11.0
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	21.0
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	0
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	5
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	4
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	4
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	6
DETECTOR LOOP, TYPE 1	FOOT	168
PEDESTRIAN PUSH-BUTTON	EACH	4
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	6
REMOVE EXISTING CONCRETE FOUNDATION	EACH	4
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3C	FOOT	306.0
ETHERNET SWITCH	EACH	1
CAT. 6 ETHERNET CABLE	FOOT	152
RADAR VEHICLE DETECTION SYSTEM, SINGLE APPROACH, STOP BAR	EACH	4
INTERSECTION VIDEO TRAFFIC MONITORING SYSTEM WITH PTZ CAMERA	EACH	1

TS SHT NO. 13

HRG PROJECT NO.: 191891
 HRG PROJ. CONTACT:
 FILE NAME: 09397-sht-13-mitch-cab-02.dgn
 PEN TABLE: 09397.tbl



USER NAME = jstrzal	DESIGNED - JCH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - JJS	REVISED -
PLOT DATE = 3/1/2023	DATE -	REVISED -

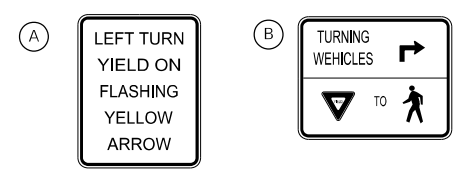
DESIGNED - JCH	REVISED -
DRAWN - JCH	REVISED -
CHECKED - JJS	REVISED -
DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

MAST ARM MOUNTED STREET NAME SIGNS
 AND SCHEDULE OF QUANTITIES
 INDIAN TRAIL ROAD AT MITCHELL ROAD

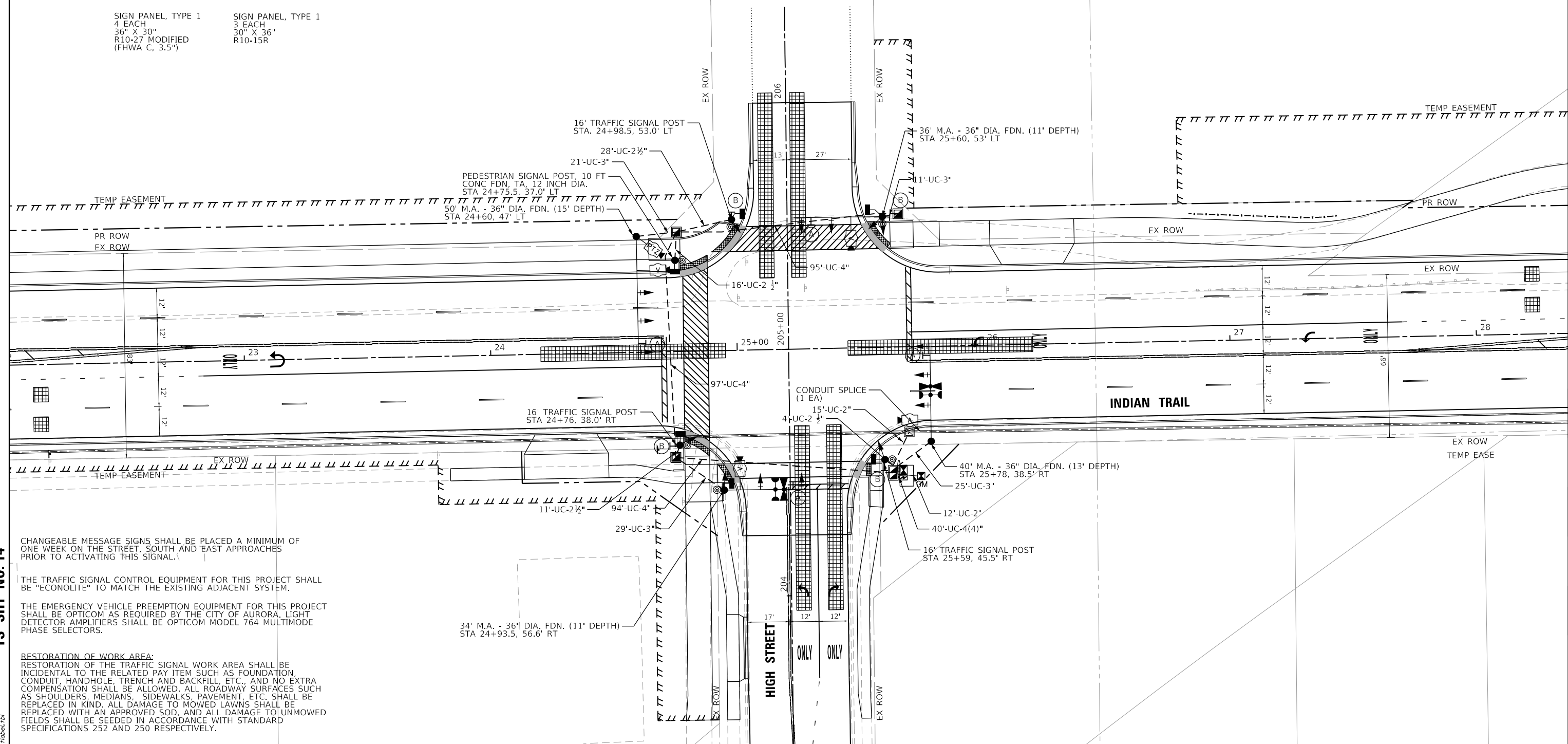
SCALE: SHEET 17 OF 33 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	143
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				



SIGN PANEL, TYPE 1
4 EACH
36" X 30"
R10-27 MODIFIED
(FHWA C, 3.5")

SIGN PANEL, TYPE 1
3 EACH
30" X 36"
R10-15R



CHANGEABLE MESSAGE SIGNS SHALL BE PLACED A MINIMUM OF ONE WEEK ON THE STREET, SOUTH AND EAST APPROACHES PRIOR TO ACTIVATING THIS SIGNAL.

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

THE EMERGENCY VEHICLE PREEMPTION EQUIPMENT FOR THIS PROJECT SHALL BE OPTICOM AS REQUIRED BY THE CITY OF AURORA. LIGHT DETECTOR AMPLIFIERS SHALL BE OPTICOM MODEL 764 MULTIMODE PHASE SELECTORS.

RESTORATION OF WORK AREA:
RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

TS SHT NO. 14

HRG PROJECT NO. 191891
HRG PROJ. CONTACT:
FILE NAME: 09039-srr-sig-high-01.dgn
PEN TABLE: 191891.tbl



USER NAME	= jstrzal
DESIGNED	- JCH
DRAWN	- JCH
CHECKED	- JJS
DATE	-
PLOT SCALE	= 40,0000' / in.
PLOT DATE	= 3/1/2023

REVISIONS	REVISIONS
REVISIONS	REVISIONS
REVISIONS	REVISIONS
REVISIONS	REVISIONS
REVISIONS	REVISIONS

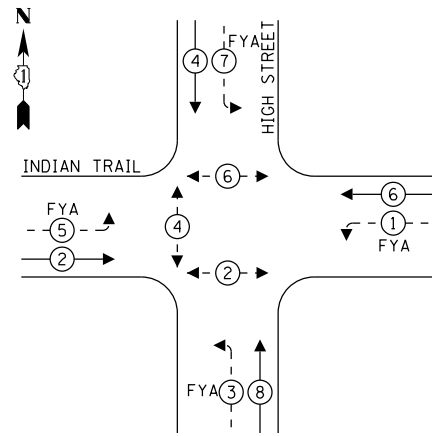
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION PLAN
INDIAN TRAIL ROAD AT HIGH STREET

SCALE: 1"=20' SHEET 18 OF 33 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	144
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				

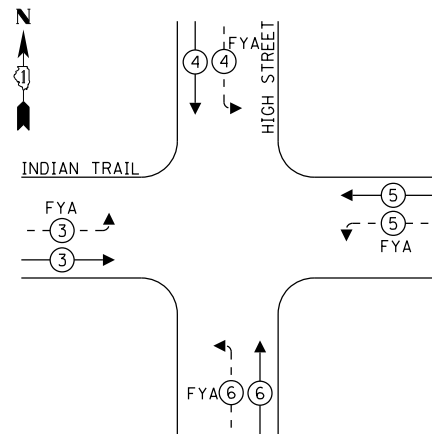
PROPOSED CONTROLLER SEQUENCE



LEGEND:

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

**PROPOSED EMERGENCY VEHICLE
PREEMPTION SEQUENCE**



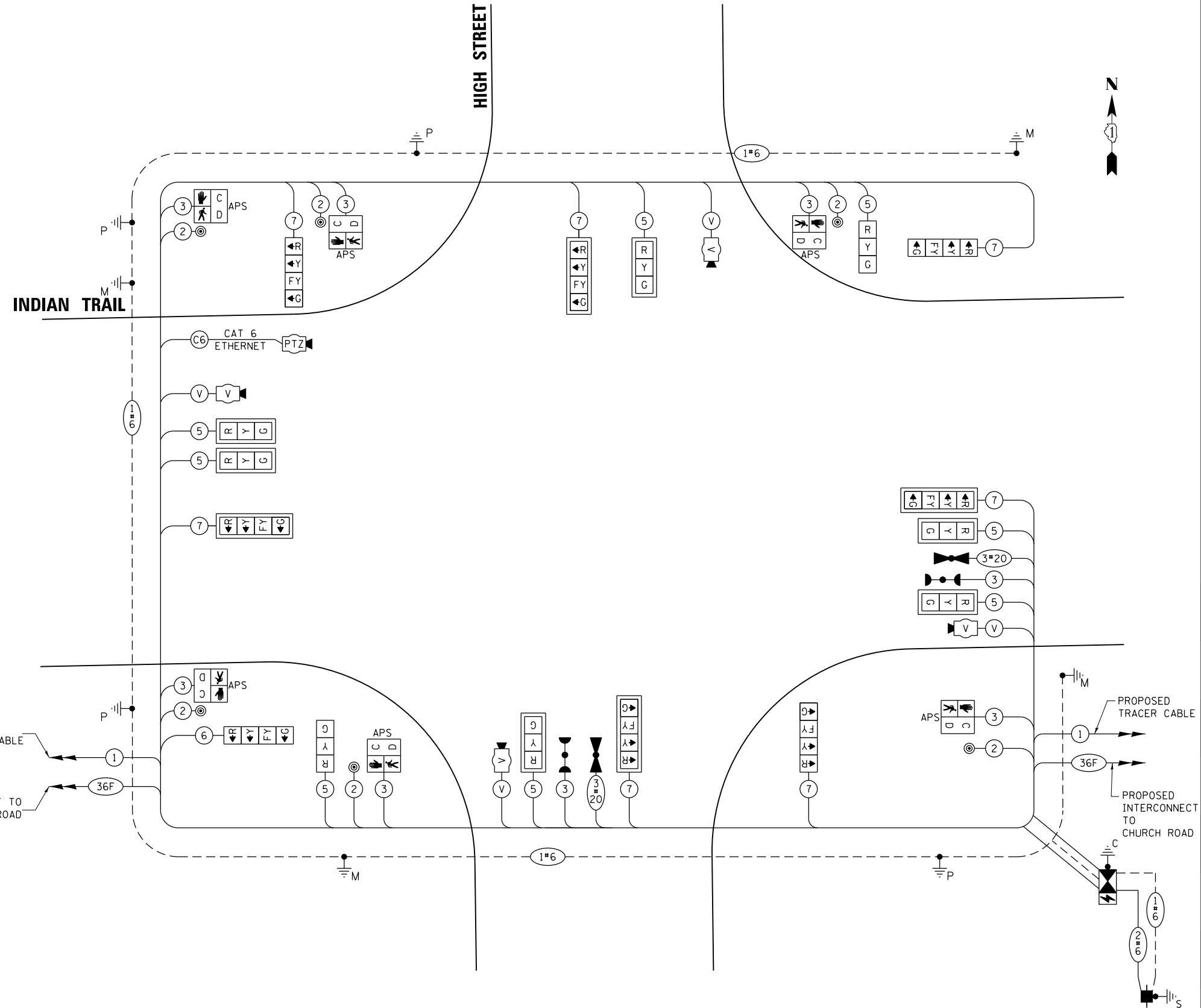
**TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	8	11	50	44
(YELLOW)	8	20	5	8
(GREEN)	8	12	45	43.2
FYA	32	12	30	115.2
ARROW	-	10	10	-
PED. SIGNAL	6	20	100	120
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	-	-	-	-
TOTAL =				605.4

ENERGY COSTS TO:

CITY OF AURORA
44 E DOWNER PLACE
AURORA, IL 60507

ENERGY SUPPLY: CONTACT: CASSIE EVANS
PHONE: (630) 576-7237
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: ---



CABLE PLAN

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM,
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
INDIAN TRAIL ROAD AT HIGH STREET

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	145
CONTRACT NO. 61H85				

SCALE: SHEET 19 OF 33 SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT

HRG PROJECT NO.: 191891
 HRG PROJ. CONTACT:
 FILE NAME: 09191891-sht-19-high-cab-01.dgn
 PEN TABLE: 19191891.tbl

HRGreen.com
Illinois Professional Design Firm
#184-001322

USER NAME = jstrzal	DESIGNED - JCH	REVISED -
	DRAWN - JCH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - JJS	REVISED -
PLOT DATE = 3/1/2023	DATE -	REVISED -

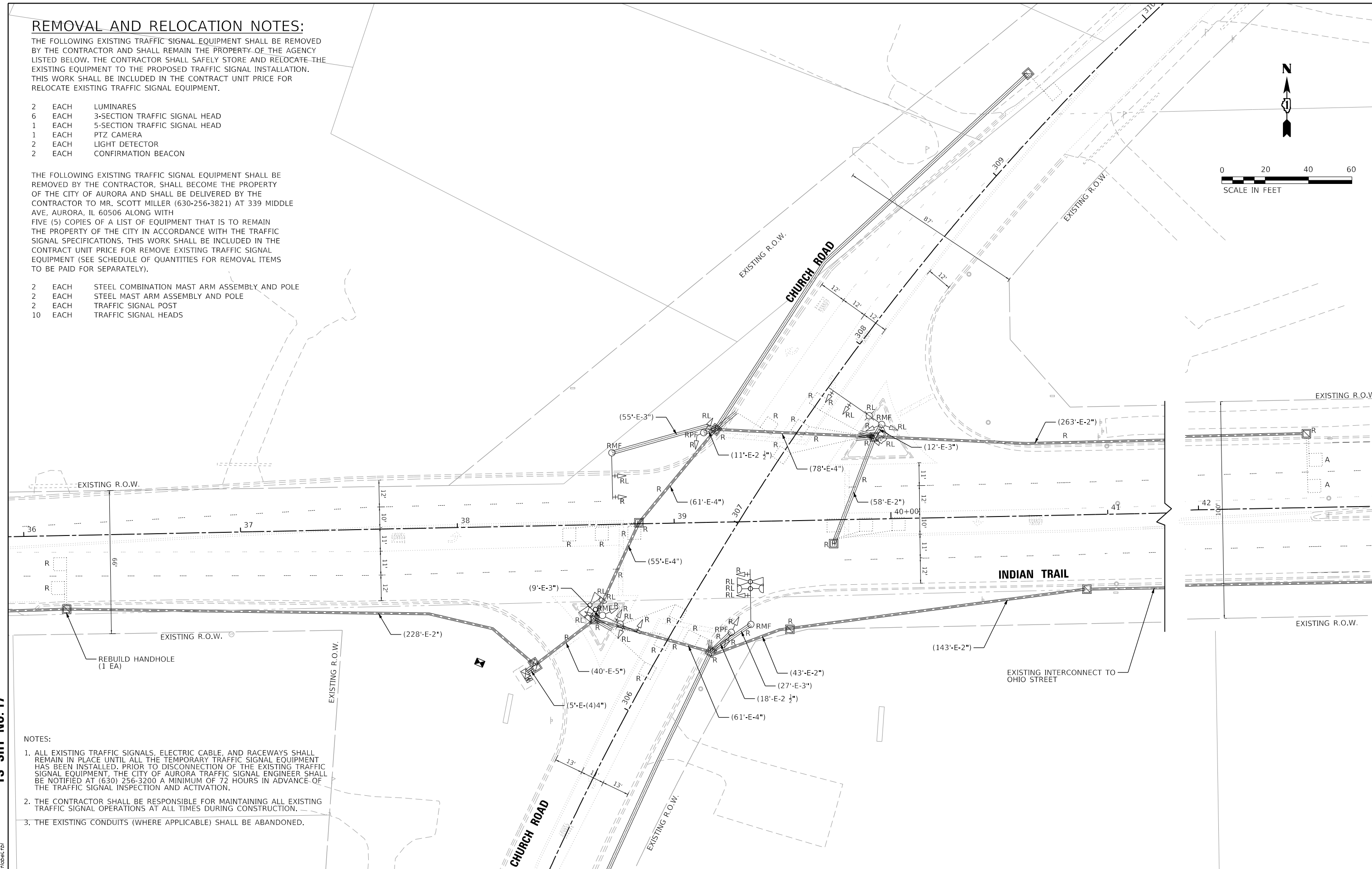
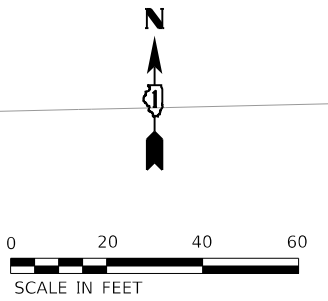
REMOVAL AND RELOCATION NOTES:

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 RELOCATE THE EXISTING EQUIPMENT TO THE PROPOSED TRAFFIC SIGNAL INSTALLATION. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT.

- 2 EACH LUMINAIRES
- 6 EACH 3-SECTION TRAFFIC SIGNAL HEAD
- 1 EACH 5-SECTION TRAFFIC SIGNAL HEAD
- 1 EACH PTZ CAMERA
- 2 EACH LIGHT DETECTOR
- 2 EACH CONFIRMATION BEACON

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL BECOME THE PROPERTY OF THE CITY OF AURORA AND SHALL BE DELIVERED BY THE CONTRACTOR TO MR. SCOTT MILLER (630-256-3821) AT 339 MIDDLE AVE, AURORA, IL 60506 ALONG WITH FIVE (5) COPIES OF A LIST OF EQUIPMENT THAT IS TO REMAIN THE PROPERTY OF THE CITY IN ACCORDANCE WITH THE TRAFFIC SIGNAL SPECIFICATIONS. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT (SEE SCHEDULE OF QUANTITIES FOR REMOVAL ITEMS TO BE PAID FOR SEPARATELY).

- 2 EACH STEEL COMBINATION MAST ARM ASSEMBLY AND POLE
- 2 EACH STEEL MAST ARM ASSEMBLY AND POLE
- 2 EACH TRAFFIC SIGNAL POST
- 10 EACH TRAFFIC SIGNAL HEADS



- NOTES:
- ALL EXISTING TRAFFIC SIGNALS, ELECTRIC CABLE, AND RACEWAYS SHALL REMAIN IN PLACE UNTIL ALL THE TEMPORARY TRAFFIC SIGNAL EQUIPMENT HAS BEEN INSTALLED. PRIOR TO DISCONNECTION OF THE EXISTING TRAFFIC SIGNAL EQUIPMENT, THE CITY OF AURORA TRAFFIC SIGNAL ENGINEER SHALL BE NOTIFIED AT (630) 256-3200 A MINIMUM OF 72 HOURS IN ADVANCE OF THE TRAFFIC SIGNAL INSPECTION AND ACTIVATION.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING TRAFFIC SIGNAL OPERATIONS AT ALL TIMES DURING CONSTRUCTION.
 - THE EXISTING CONDUITS (WHERE APPLICABLE) SHALL BE ABANDONED.

REBUILD HANDHOLE
(1 EA)

INDIAN TRAIL

EXISTING INTERCONNECT TO
OHIO STREET

HRG PROJECT NO. 191891
 HRG PROJ. CONTACT:
 FILE NAME: 0939-srr-sig-church-rm-0.dgn
 PEN TABLE: sig-table.tbl
TS SHT NO. 17



USER NAME = jstrzal	DESIGNED - JCH	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - JCH	REVISED -
PLOT DATE = 3/1/2023	CHECKED - JJS	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

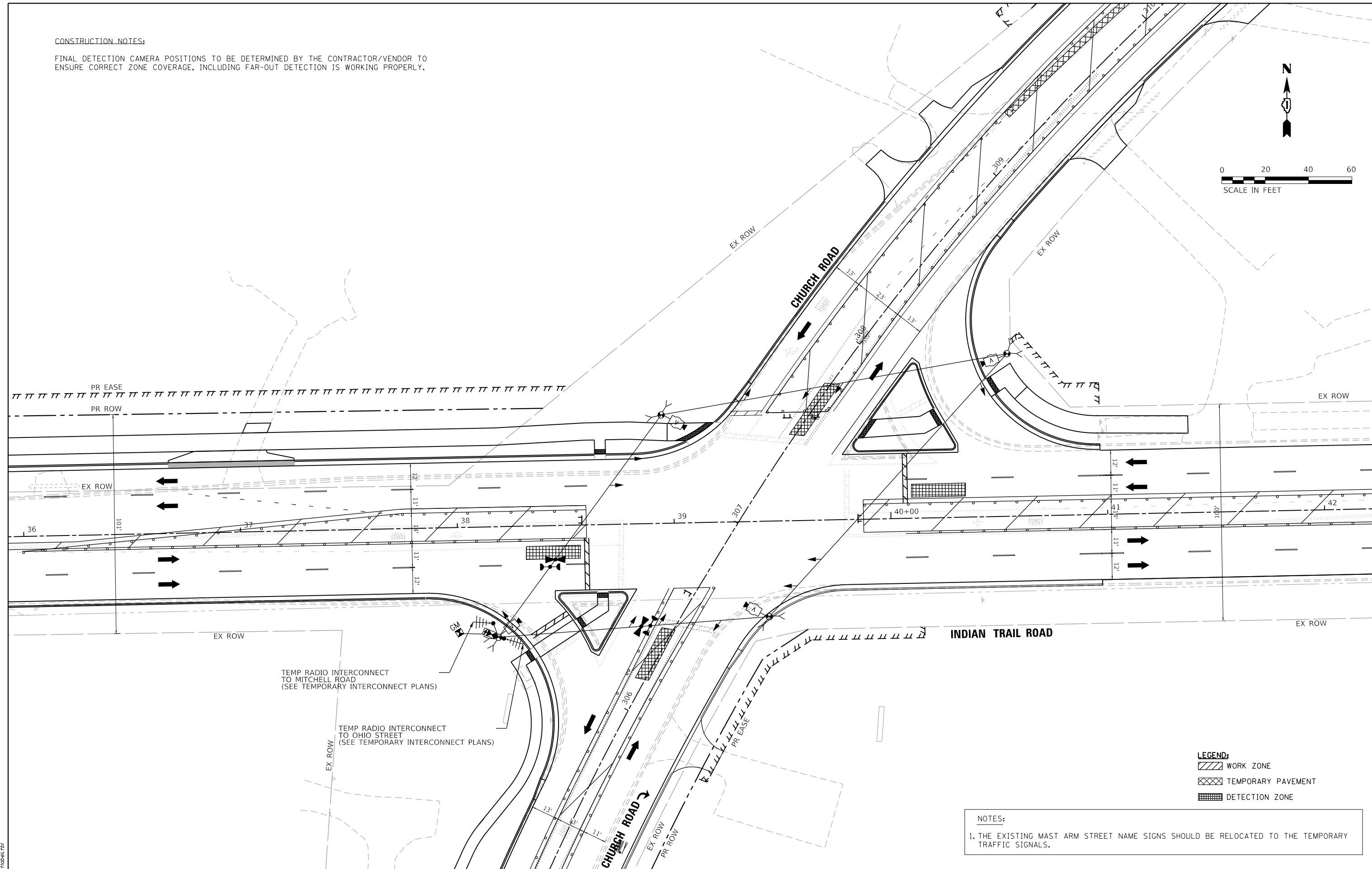
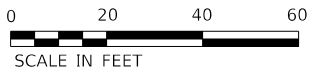
**REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN
INDIAN TRAIL ROAD AT CHURCH ROAD**

SCALE: 1"=20' SHEET 21 OF 33 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	147
CONTRACT NO. 61H85				
		ILLINOIS	FED. AID PROJECT	

CONSTRUCTION NOTES:

FINAL DETECTION CAMERA POSITIONS TO BE DETERMINED BY THE CONTRACTOR/VENDOR TO ENSURE CORRECT ZONE COVERAGE, INCLUDING FAR-OUT DETECTION IS WORKING PROPERLY.



- LEGEND:**
- WORK ZONE
 - TEMPORARY PAVEMENT
 - DETECTION ZONE

NOTES:

- THE EXISTING MAST ARM STREET NAME SIGNS SHOULD BE RELOCATED TO THE TEMPORARY TRAFFIC SIGNALS.

HRG PROJECT NO.: 191891
 HRG PROJ. CONTACT:
 FILE NAME: 09397-srr-sig-church-temp-03.dgn
 PEN TABLE: 09397.tbl



USER NAME = jstrzal	DESIGNED - JCH	REVISED -
	DRAWN - JCH	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED - JJS	REVISED -
PLOT DATE = 3/1/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

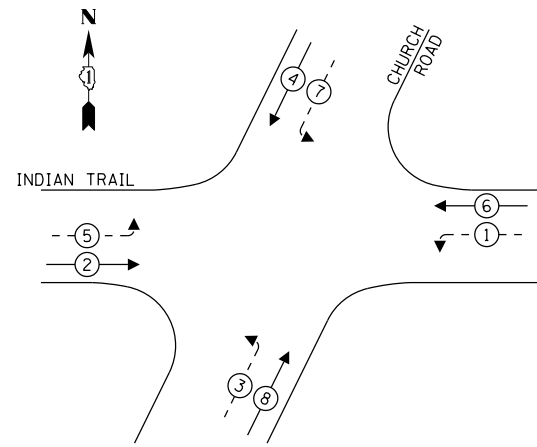
**TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN - STAGE 3
 INDIAN TRAIL ROAD AT CHURCH ROAD**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	150
CONTRACT NO. 61H85				

SCALE: 1"=20' SHEET 24 OF 33 SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT

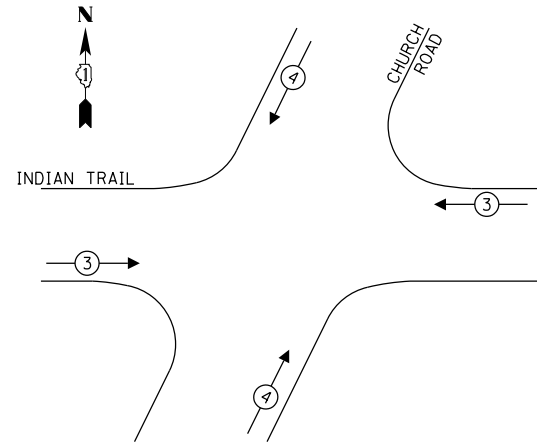
PROPOSED CONTROLLER SEQUENCE



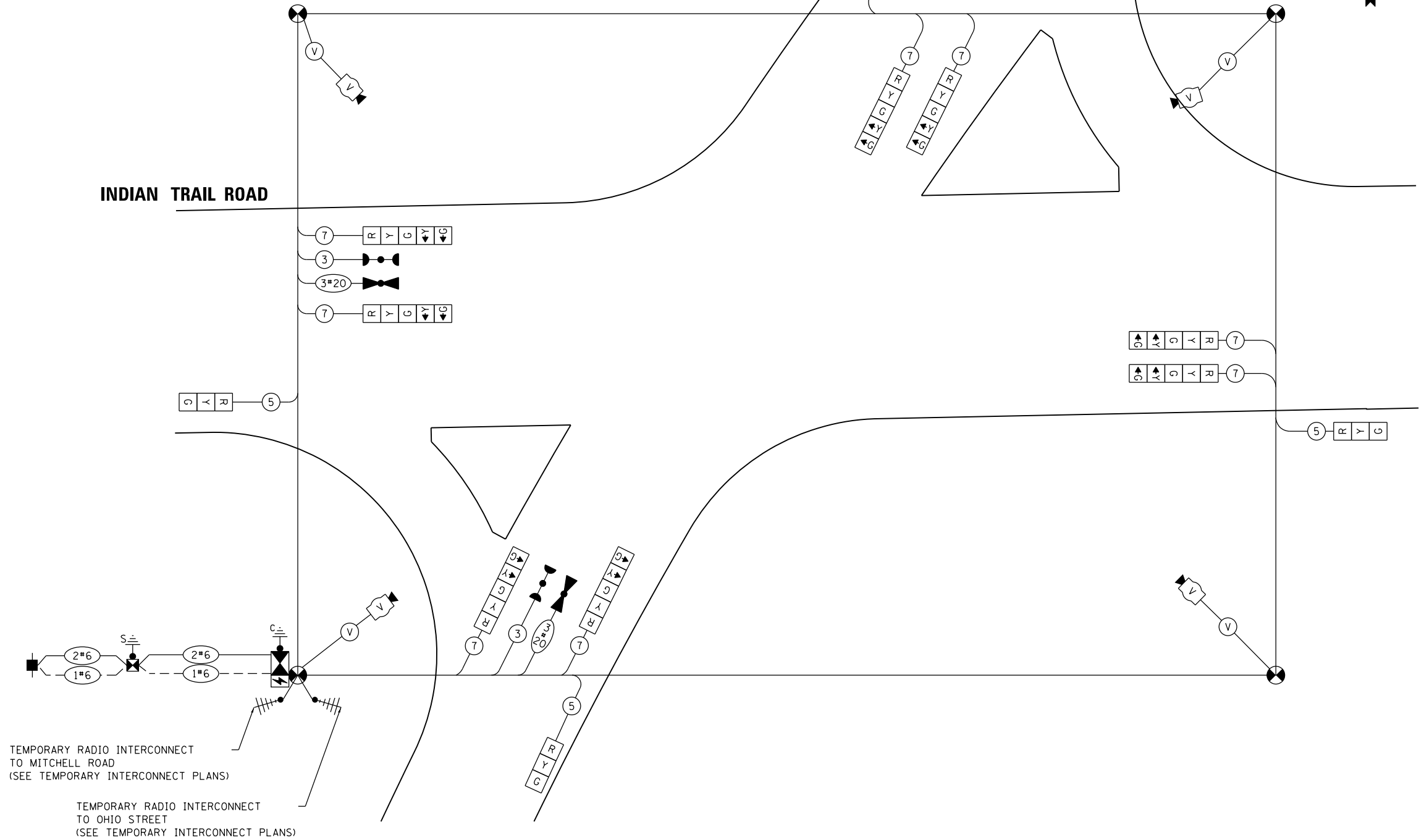
LEGEND:

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

**PROPOSED EMERGENCY VEHICLE
PREEMPTION SEQUENCE**



INDIAN TRAIL ROAD



**TEMPORARY CABLE PLAN
ALL STAGES**

HRG PROJECT NO.: 191891
 HRG PROJ. CONTACT:
 FILE NAME: 09397-srv-sig-church-ebb-temp-01.dgn
 PEN TABLE: 09397.tbl



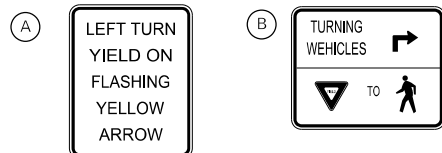
USER NAME = jstrzal	DESIGNED - JCH	REVISED -
	DRAWN - JCH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - JJS	REVISED -
PLOT DATE = 3/1/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM,
AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
INDIAN TRAIL ROAD AT CHURCH ROAD**

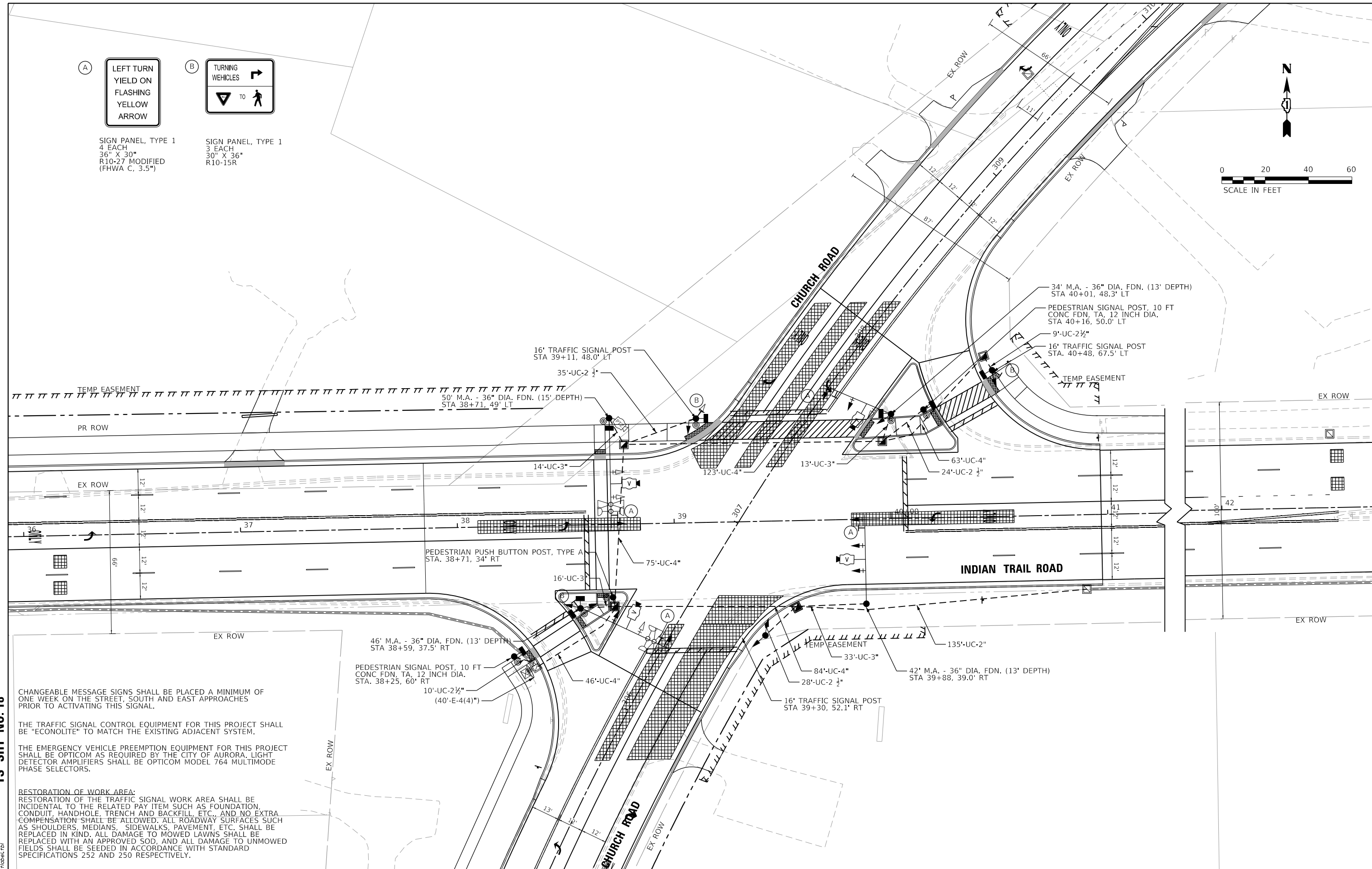
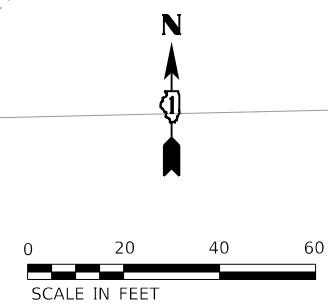
SCALE: SHEET 25 OF 33 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	151
				CONTRACT NO. 61H85
				ILLINOIS FED. AID PROJECT



SIGN PANEL, TYPE 1
4 EACH
36" X 30"
R10-27 MODIFIED
(FHWA C. 3.5")

SIGN PANEL, TYPE 1
3 EACH
30" X 36"
R10-15R



TS SHT NO. 18

CHANGEABLE MESSAGE SIGNS SHALL BE PLACED A MINIMUM OF ONE WEEK ON THE STREET, SOUTH AND EAST APPROACHES PRIOR TO ACTIVATING THIS SIGNAL.

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

THE EMERGENCY VEHICLE PREEMPTION EQUIPMENT FOR THIS PROJECT SHALL BE OPTICOM AS REQUIRED BY THE CITY OF AURORA. LIGHT DETECTOR AMPLIFIERS SHALL BE OPTICOM MODEL 764 MULTIMODE PHASE SELECTORS.

RESTORATION OF WORK AREA:
RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

HRG PROJECT NO. 191891
 HRG PROJ. CONTACT:
 FILE NAME: 19039-sht-18-18-church-02.dgn
 PEN TABLE: 19039.tbl



USER NAME = jstrzal	DESIGNED - JCH	REVISED -
	DRAWN - JCH	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED - JJS	REVISED -
PLOT DATE = 3/1/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

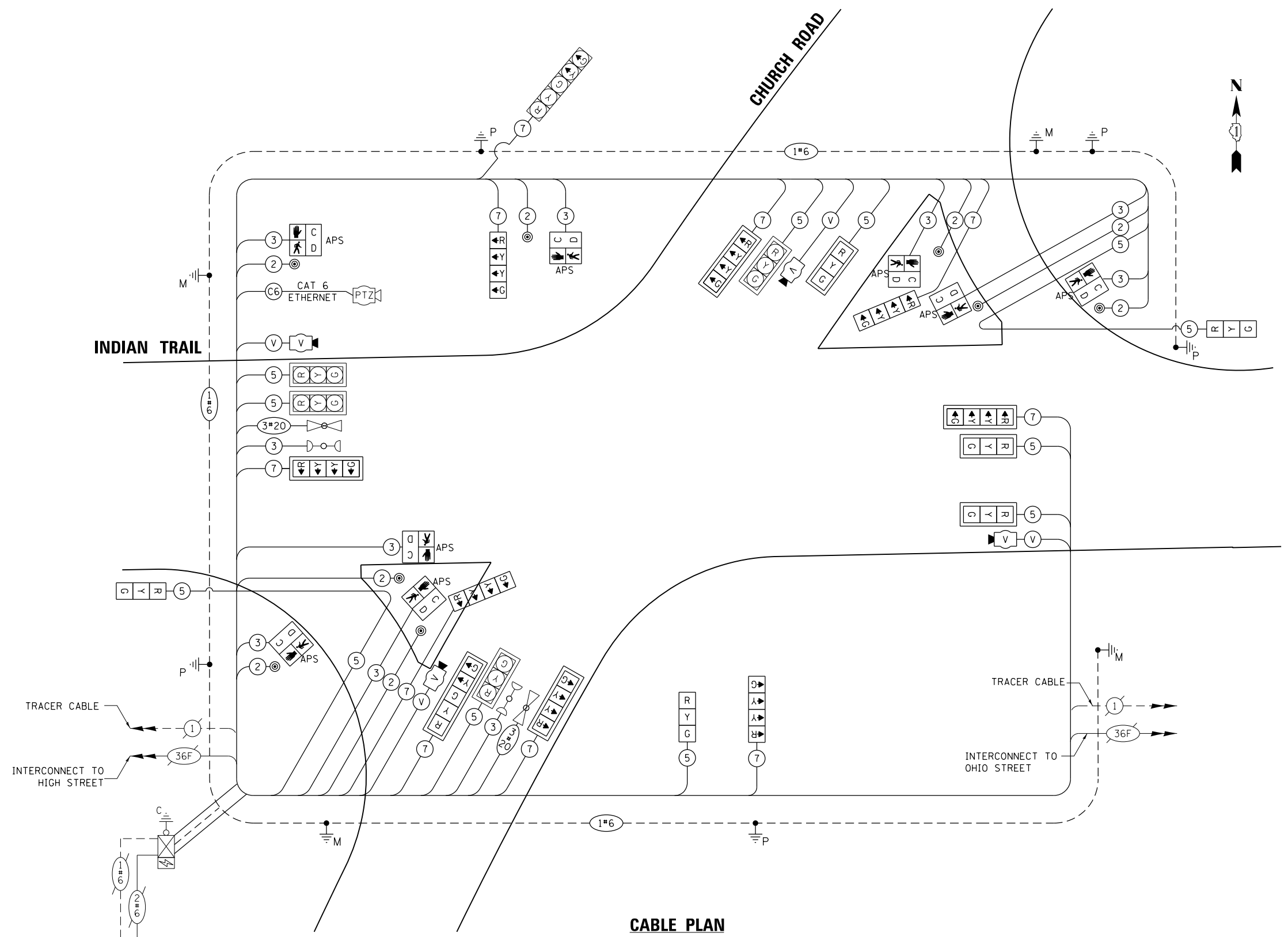
TRAFFIC SIGNAL INSTALLATION PLAN	
INDIAN TRAIL ROAD AT CHURCH ROAD	
SCALE: 1"=20'	SHEET 26 OF 33 SHEETS STA. TO STA.

F.A.U. RTE. 1503	SECTION 06-00260-02-PV	COUNTY KANE	TOTAL SHEETS 227	SHEET NO. 152
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				

HRG PROJECT NO.: 191891
 HRG PROJ. CONTACT:
 FILE NAME: 0939-srr-sig-church-eds-0.dgn
 PEN TABLE: 0610604.tbl
TS SHT NO. 19

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	11	50	66
(YELLOW)	12	20	5	12
(GREEN)	12	12	45	64.8
FYA	36	12	30	129.6
ARROW	0	10	10	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	-	-	-	-
TOTAL =				707.4

ENERGY COSTS TO:
 CITY OF AURORA
 44 E DOWNER PLACE
 AURORA, IL 60507
 ENERGY SUPPLY: CONTACT: CASSIE EVANS
 PHONE: (630) 576-7237
 COMPANY: COMMONWEALTH EDISON
 ACCOUNT NUMBER: ---



USER NAME = jstrzal	DESIGNED - JCH	REVISED -
DRAWN - JCH	REVISED -	
PLOT SCALE = 40,0000 ' / in.	CHECKED - JJS	REVISED -
PLOT DATE = 3/1/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

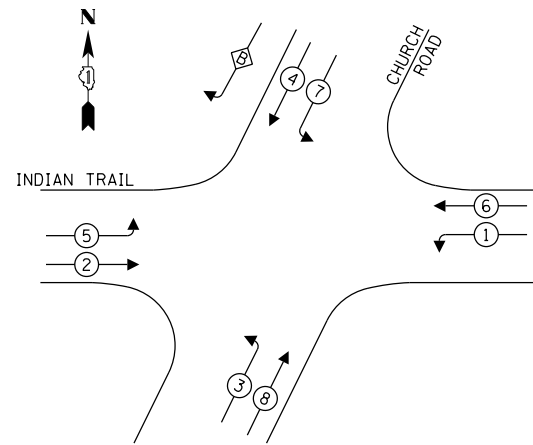
**CABLE PLAN, PHASE DESIGNATION DIAGRAM,
 AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
 INDIAN TRAIL ROAD AT CHURCH ROAD**

SCALE: SHEET 27 OF 33 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	153
CONTRACT NO. 61H85				

ILLINOIS FED. AID PROJECT

EXISTING CONTROLLER SEQUENCE



LEGEND:

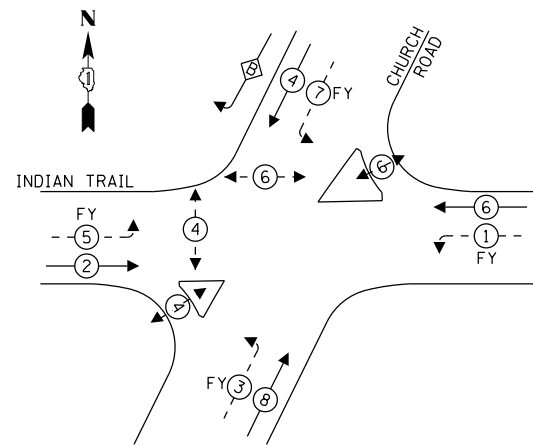
- ← ⊛ → PROTECTED PHASE
- ← ⊛ - - PROTECTED/PERMITTED PHASE
- ← ⊛ ⊙ → PEDESTRIAN PHASE
- ⊙ OL OVERLAP

RIGHT TURN OVERLAP

PHASE DESIGNATION:

OVERLAP LETTER B = $\frac{\text{PERMISSIVE PHASE}}{4} + \frac{\text{PROTECTED PHASE}}{5}$

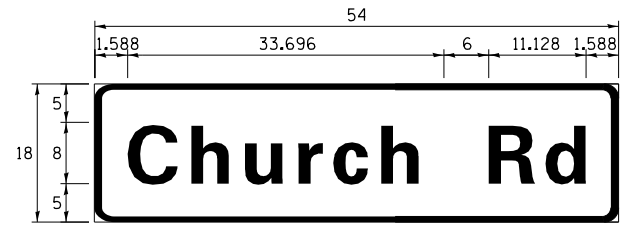
PROPOSED CONTROLLER SEQUENCE



LEGEND:

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

MA-1



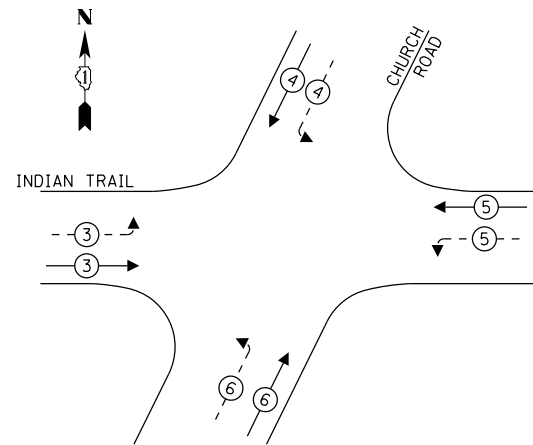
DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	6.75	1	ZZ	2

SHALL BE MOUNTED ON THE MAST ARMS IN THE NORTHWEST AND SOUTHEAST CORNERS.

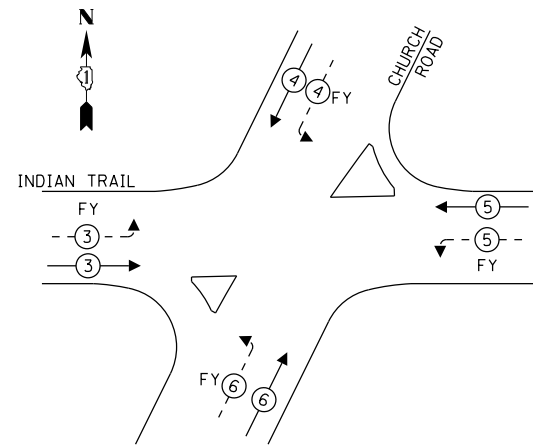
SCHEDULE OF QUANTITIES

ITEM	UNIT	TOTAL
SIGN PANEL - TYPE 1	SQ FT	33.8
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	216.0
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	90.0
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	106.0
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	351.0
HANDHOLE	EACH	5
UNIT DUCT, 600V, 5-1C NO.2, 1C NO.4 GROUND, (XLP-TYPE USE), 2" DIA. POLYETHYLENE	FOOT	12
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,138.5
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,227.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2,585.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2,299.0
ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 16 3 PAIR	FOOT	1,074.0
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	2,112.0
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	6
STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	20.0
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10.0
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	39.0
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	1
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	5
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	6
DETECTOR LOOP, TYPE 1	FOOT	336
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	10
REMOVE EXISTING CONCRETE FOUNDATION	EACH	6
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3C	FOOT	456.0
ETHERNET SWITCH	EACH	1
CAT. 6 ETHERNET CABLE	FOOT	185.5
RADAR VEHICLE DETECTION SYSTEM, SINGLE APPROACH, STOP BAR	EACH	4
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	3
INTERSECTION VIDEO TRAFFIC MONITORING SYSTEM WITH PTZ CAMERA	EACH	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

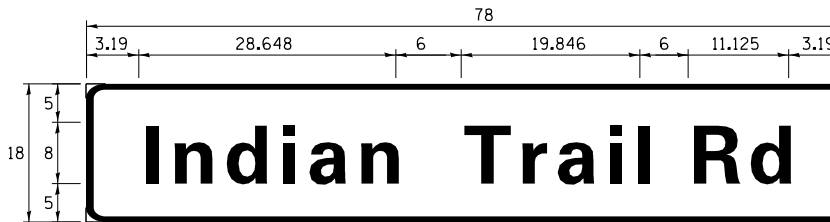
EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



MA-2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	9.75	2	ZZ	2

SHALL BE MOUNTED ON THE MAST ARM IN SOUTHWEST AND NORTHEAST CORNERS.

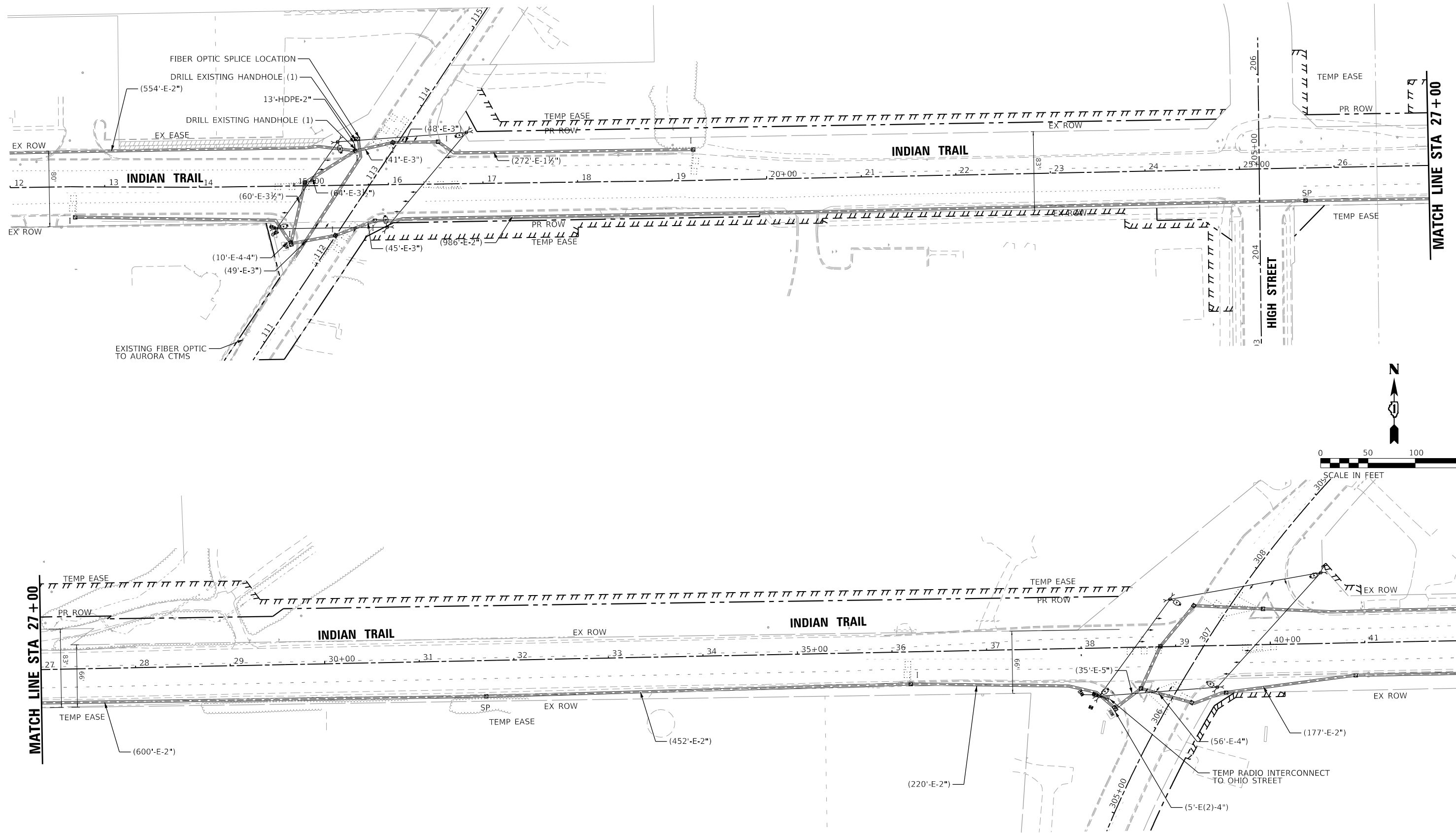
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAST ARM MOUNTED STREET NAME SIGNS
AND SCHEDULE OF QUANTITIES
INDIAN TRAIL ROAD AT CHURCH ROAD

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	154
				CONTRACT NO. 61H85
		ILLINOIS	FED. AID PROJECT	

SCALE: SHEET 28 OF 33 SHEETS STA. TO STA.

USER NAME = jstrzal	DESIGNED - JCH	REVISED -
	DRAWN - JCH	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JJS	REVISED -
PLOT DATE = 3/1/2023	DATE -	REVISED -



TS SHT NO. 21

HRG PROJECT NO: 191891
 HRG PROJ CONTACT:
 FILE NAME: 190337-sht-21-temp-01.dgn
 PEN TABLE: 190337.tbl

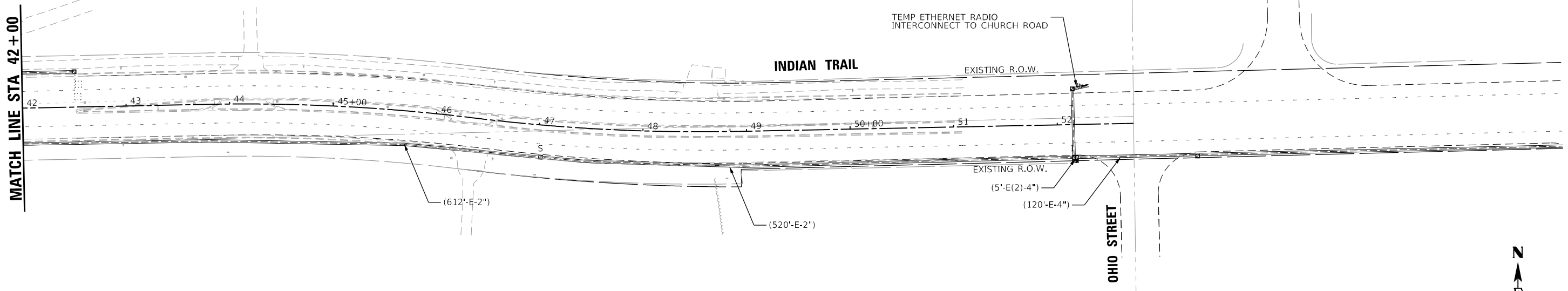


USER NAME = jstrzal	DESIGNED - JCH	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - JCH	REVISED -
PLOT DATE = 3/1/2023	CHECKED - JJS	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TEMPORARY INTERCONNECT PLAN MITCHELL ROAD TO OHIO STREET	
SCALE: 1"=50'	SHEET 29 OF 33 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	155
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA 42+00

INDIAN TRAIL

OHIO STREET



TS SHT NO. 22

HRG PROJECT NO.: 19199
 HRG PROJ. CONTACT:
 FILE NAME: 0939-577-579-Int-temp-02.dgn
 PLOT DATE: 3/1/2023
 PEN TABLE: p10.tbl



USER NAME = jstrzal	DESIGNED - JCH	REVISED -
	DRAWN - JCH	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - JJS	REVISED -
PLOT DATE = 3/1/2023	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

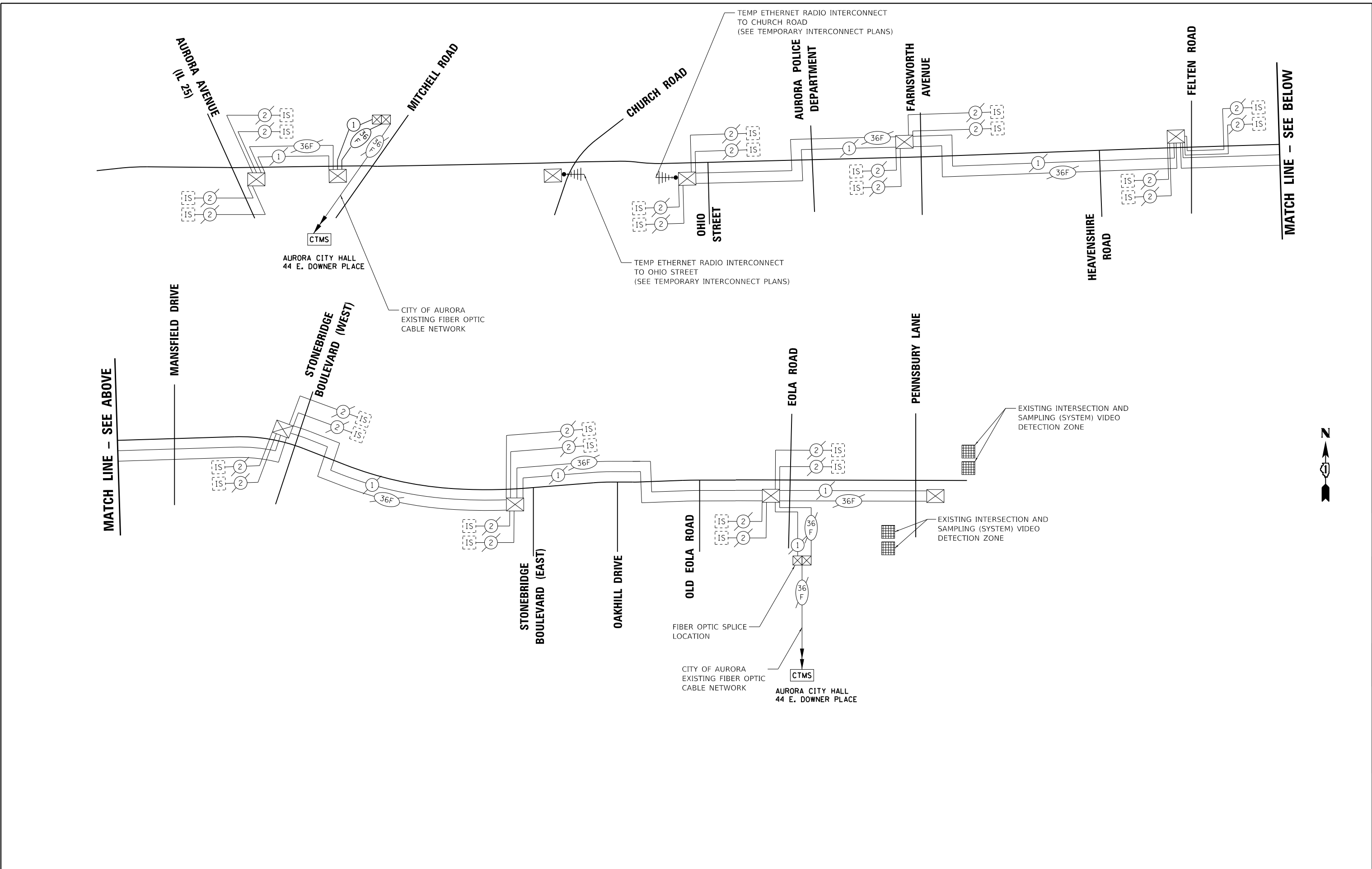
TEMPORARY INTERCONNECT PLAN
 MITCHELL ROAD TO OHIO STREET

SCALE: 1"=50' SHEET 30 OF 33 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	156
CONTRACT NO. 61H85				

ILLINOIS FED. AID PROJECT

HRG PROJECT NO.: 191891
 HRG PROJ. CONTACT:
 FILE NAME: 09397-sht-31-101-schem01.dgn
 PEN TABLE: 1010101.tbl
TS SHT NO. 23



USER NAME = jstrzal	DESIGNED - JCH	REVISED -
	DRAWN - JCH	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - JJS	REVISED -
PLOT DATE = 3/1/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TEMPORARY INTERCONNECT SCHEMATIC	
MITCHELL ROAD TO OHIO STREET	
SCALE:	SHEET 31 OF 33 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	157
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				



HRGreen.com
 Illinois Professional Design Firm
 #184-001322

USER NAME = jstrzal	DESIGNED - JCH	REVISED -
	DRAWN - JCH	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - JJS	REVISED -
PLOT DATE = 3/1/2023	DATE -	REVISED -

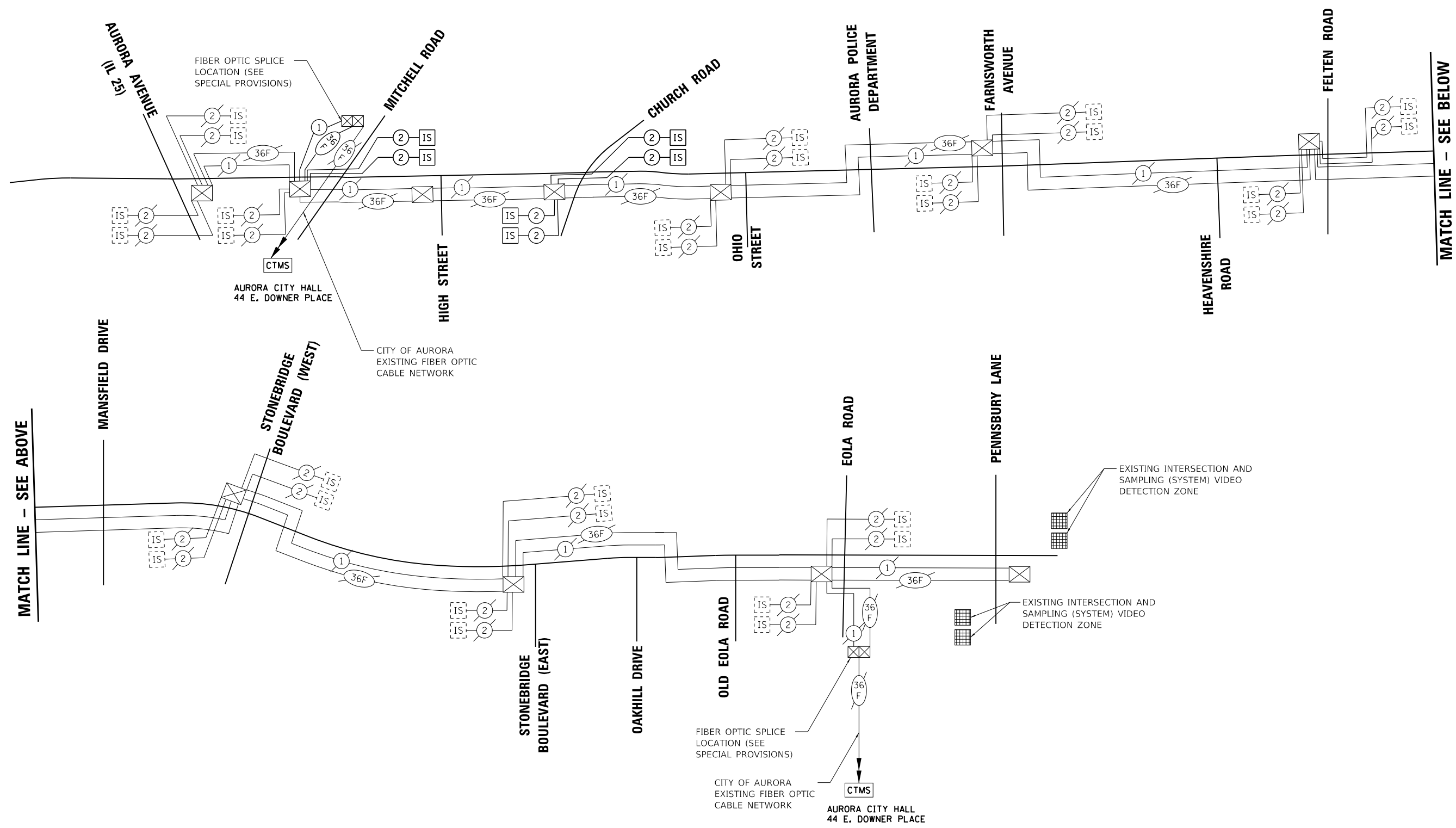
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED INTERCONNECT SCHEMATIC
 MITCHELL ROAD TO OHIO STREET**

SCALE: SHEET 33 OF 33 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	159
CONTRACT NO. 61H85			ILLINOIS FED. AID PROJECT	

ITEM	UNIT	TOTAL
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	908.0
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	1345.0
DRILL EXISTING HANDHOLE	EACH	2
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	2658.0
FIBER OPTIC CABLE SPLICE	EACH	1
ROD AND CLEAN EXISTING CONDUIT	FOOT	1264.0
CONDUIT SPLICE	EACH	1
FIBER OPTIC CABLE 36 FIBERS, SINGLE MODE	FOOT	1345.0
CONDUIT SPECIAL	EACH	13
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1

















BILL OF MATERIALS

DESCRIPTION	UNIT	QUANTITY
ELECTRIC SERVICE INSTALLATION	EACH	1
ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	300
UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	3698
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1350
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 1/0	FOOT	100
AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	FOOT	2909
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	33
LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 100AMP	EACH	1
LIGHT POLE, ALUMINUM, 40FT. M.H. 8FT. MAST ARM	EACH	26
LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15FT MAST ARM	EACH	24
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	200
BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	26
REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	24
REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	7
REMOVAL OF POLE FOUNDATION	EACH	7
REMOVAL OF TEMPORARY LIGHTING CONTROLLER, NO SALVAGE	EACH	1
TEMPORARY LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	24
TEMPORARY LIGHTING CONTROLLER, 240 VOLT, POLE MOUNTED	EACH	1
COMBINATION LIGHTING CONTROLLER	EACH	2
LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	60
MAINTENANCE OF LIGHTING SYSTEM	CAL MO	6

GENERAL NOTES:

- THIS PROJECT INCLUDES THE INSTALLATION OF A NEW LIGHTING SYSTEM ALONG INDIAN TRAIL ROAD FROM EAST OF MITCHELL ROAD TO EAST OF CHURCH ROAD. THE PROPOSED LIGHTING SHALL BE OWNED AND MAINTAINED BY THE CITY OF AURORA. THE MAINTENANCE OF EXISTING LIGHTING SHALL BE TRANSFERRED TO THE CONTRACTOR PRIOR TO ANY WORK BEING DONE.
- THE EXISTING LIGHTING MAY NOT BE REMOVED UNTIL THE TEMPORARY LIGHTING IS INSTALLED AND OPERATIONAL.
- THE QUANTITIES OF RACEWAYS WHEREVER INDICATED ON THESE PLANS ARE APPROXIMATIONS ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL LENGTHS AND SHALL INSTALL RACEWAYS IN COMPLETE COMPLIANCE WITH THE SPECIFIED REQUIREMENTS.
- THE CONTRACTOR SHALL NOTIFY J.U.L.I.E. TO LOCATE AND MARK/STAKE ALL UNDERGROUND UTILITIES.
- THE CONTRACTOR SHALL VERIFY LOCATIONS OF UNDERGROUND/OVERHEAD UTILITIES PRIOR TO INSTALLATION OF LIGHT POLES AND CONDUITS. IF THERE IS A CONFLICT WITH THE LIGHT POLES/CONDUITS INSTALLATION AS SHOWN ON THE PLANS, THE CONTRACTOR SHALL SUGGEST ALTERNATIVE LOCATIONS AND COORDINATE WITH THE ENGINEER PRIOR TO PERFORMING ANY CONSTRUCTION WORK. IT SHALL ALSO BE THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION ACTIVITIES.
- TRENCHES FOR LIGHTING RACEWAYS SHALL HAVE A MINIMUM DEPTH OF 30".
- LIGHTING SYSTEM INSTALLATION SHALL CONFORM TO THE LATEST IDOT STANDARDS, NEC AND LOCAL CODES.
- ALL ELECTRICAL EQUIPMENT AND PRODUCTS SHALL BE UL LISTED AND LABELED.
- THE CONTRACTOR SHALL TAKE PRECAUTION WHEN INSTALLING UNIT DUCT TO AVOID CONFLICTS WITH EXISTING UNDERGROUND UTILITIES AND TREES ROOTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE AS DETERMINED BY THE ENGINEER.
- THE CONTRACTOR SHALL COORDINATE WITH ComEd REGARDING THE REMOVAL OF EXISTING MAST ARMS WITH LUMINAIRES ATTACHED TO ComEd POLES ON SOUTH SIDE OF INDIAN TRAIL ROAD THROUGHOUT THE PROJECT LIMITS WHEN TEMPORARY LIGHTING IS FULLY INSTALLED AND OPERATIONAL.
- GROUND RODS SHALL BE INSTALLED AT EACH LIGHTING UNIT.

LEGEND

-  PROPOSED LIGHTING UNIT, 40 FT MH, 8 FT MAST ARM 240V (LINE TO NEUTRAL) LED LUMINAIRE WITH BREAKAWAY DEVICE
-  PROPOSED COMBINATION SIGNAL/LIGHT POLE: 45 FT MH, 15 FT MAST ARM, 120V (LINE TO NEUTRAL) LED LUMINAIRE
-  EXISTING LIGHTING UNIT TO REMAIN
-  EXISTING LIGHTING UNIT TO BE REMOVED AND SALVAGED
-  TEMPORARY WOOD POLE, 50 FT MH, 15 FT MAST ARM WITH LED LUMINAIRE
-  UNIT DUCT, 600V, 3-1C #4, 1/C #6 GROUND (XLP-TYPE USE) 1 1/4" DIA. POLYETHYLENE
-  A/C AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE
-  ComEd ELECTRIC SERVICE, 240/480V, 1 PHASE 3 WIRE
-  PROPOSED LIGHTING CONTROLLER "LC" 240/480V, 3 WIRE 100 AMP, BASE MOUNTED
-  EXISTING LIGHTING CONTROLLER TO REMAIN
-  TEMPORARY LIGHTING CONTROLLER "T"
-  RIGID GALVANIZED STEEL CONDUIT
-  ELECTRIC CABLE IN CONDUIT 4" DIA., 3-1/C NO. 1/0
-  GROUND ROD 5/8" DIA. X 10 FT

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AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Unit 4B
Downers Grove, IL 60516

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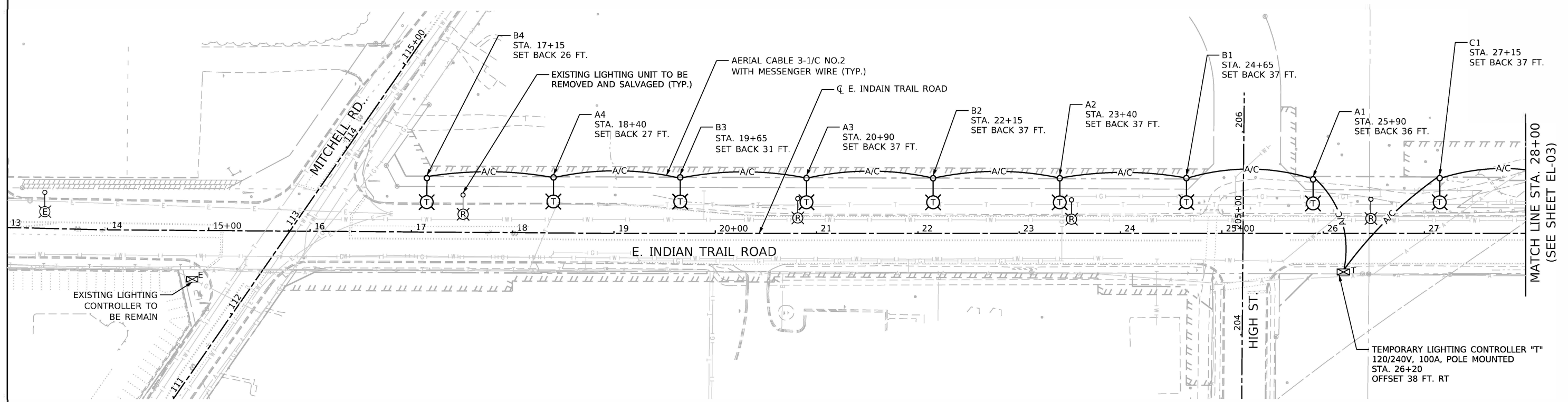
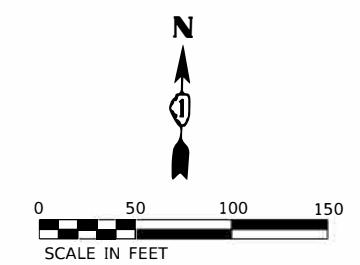
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LIGHTING GENERAL NOTES, BILL OF MATERIALS AND LEGEND
INDIAN TRAIL ROAD - AURORA**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	160
CONTRACT NO. 61H85			ILLINOIS FED. AID PROJECT	

EL-01



NOTES:

1. FOR GENERAL NOTES AND LEGEND, SEE SHEET EL-01.
2. TEMPORARY LIGHTING SHALL BE INSTALLED AND MADE OPERATIONAL PRIOR TO REMOVAL OF EXISTING LIGHTING UNITS. THIS TEMPORARY LIGHTING SHALL REMAIN IN USE FOR ALL STAGES OF CONSTRUCTION.
3. WHEN THE PROPOSED LIGHTING IS FULLY INSTALLED AND IS OPERATIONAL, THE TEMPORARY LIGHTING UNITS SHALL BE REMOVED AND THE LUMINAIRES SHALL NOT BE SALVAGED. THEY SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE.
4. SET BACK IS FROM EOP TO CENTER OF POLE.

MODEL: Default
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 Downers Grove, IL 60516

USER NAME = mdeitch	DESIGNED - MH	REVISED -
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PLOT DATE = 4/21/2022	CHECKED - BL	REVISED -
	DATE - 04-25-22	REVISED -

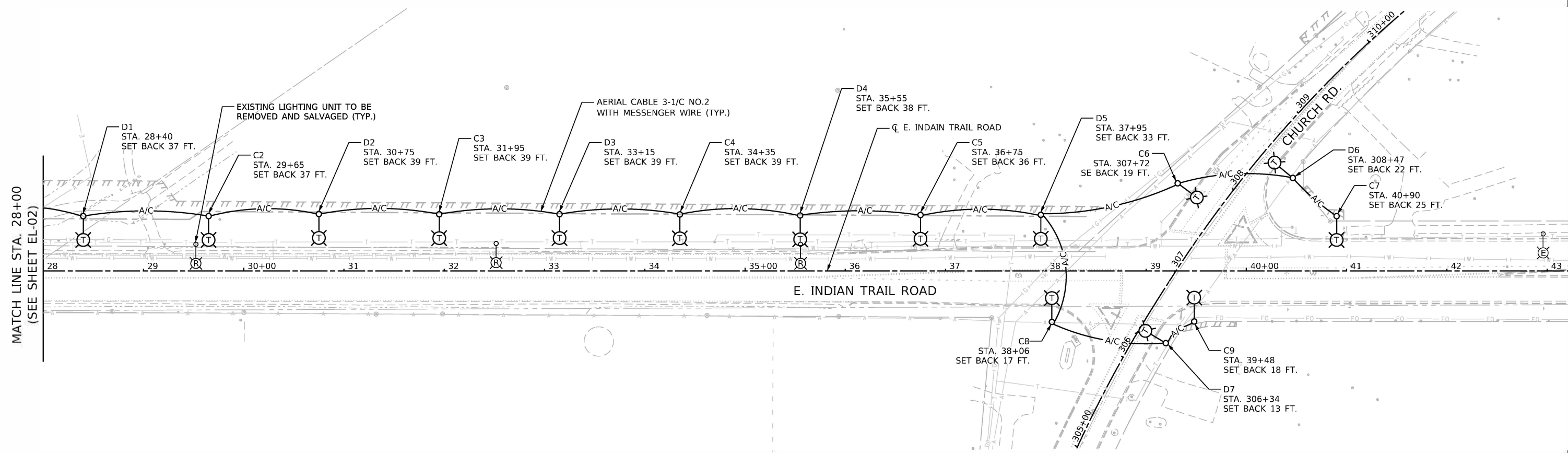
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL AND TEMPORARY LIGHTING PLAN
INDIAN TRAIL ROAD - AURORA

SCALE: 1"=50' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	161
CONTRACT NO. 61H85			ILLINOIS FED. AID PROJECT	

EL-02



NOTES:

- FOR GENERAL NOTES AND LEGEND, SEE SHEET EL-01.
- TEMPORARY LIGHTING SHALL BE INSTALLED AND MADE OPERATIONAL PRIOR TO REMOVAL OF EXISTING LIGHTING UNITS. THIS TEMPORARY LIGHTING SHALL REMAIN IN USE FOR ALL STAGES OF CONSTRUCTION.
- WHEN THE PROPOSED LIGHTING IS FULLY INSTALLED AND IS OPERATIONAL, THE TEMPORARY LIGHTING UNITS SHALL BE REMOVED AND THE LUMINAIRES SHALL NOT BE SALVAGED. THEY SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE.
- SET BACK IS FROM EOP TO CENTER OF POLE.

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Downers Grove, IL 60516

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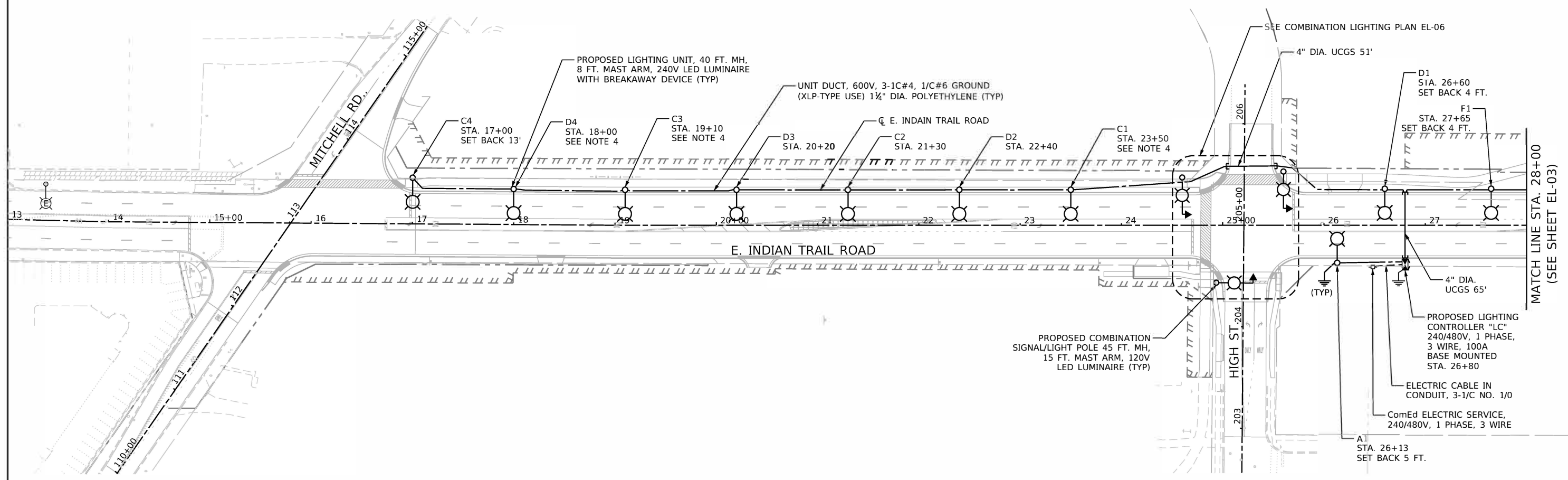
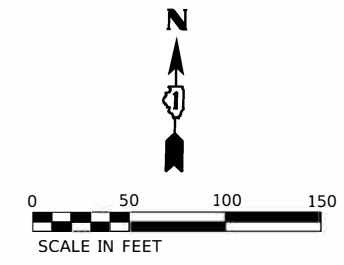
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL AND TEMPORARY LIGHTING PLANS
INDIAN TRAIL ROAD - AURORA**

SCALE: 1"=50' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	162
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H85	

EL-03



NOTES:

1. FOR GENERAL NOTES AND LEGEND, SEE SHEET EL-01.
2. UCGS STANDS FOR UNDERGROUND CONDUIT, GALVANIZED STEEL.
3. SET BACK IS 3' FROM THE FACE OF CURB TO THE CENTER OF LIGHT POLE, UNLESS NOTED OTHERWISE.
4. OFFSET FOUNDATION SHALL BE INSTALLED.

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 Downers Grove, IL 60516

USER NAME = mdeitch	DESIGNED - MH	REVISED -
	DRAWN - SR	REVISED -
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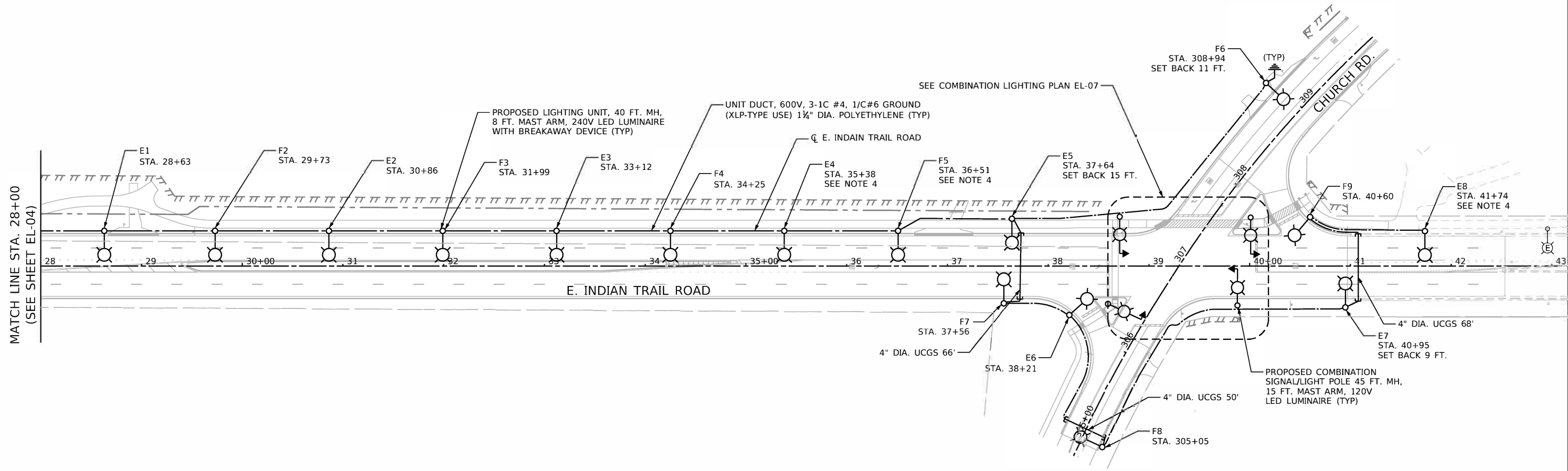
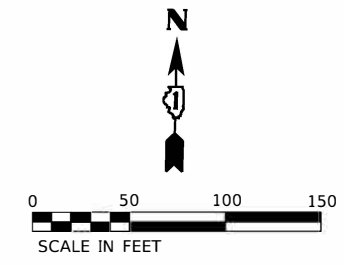
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLAN
INDIAN TRAIL ROAD - AURORA

SCALE: 1"=50' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	163
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				

EL-04



MATCH LINE STA. 28+00
(SEE SHEET EL-04)

NOTES:

1. FOR GENERAL NOTES AND LEGEND, SEE SHEET EL-01.
2. UCGS STANDS FOR UNDERGROUND CONDUIT, GALVANIZED STEEL.
3. SET BACK IS 3' FROM THE FACE OF CURB TO THE CENTER OF LIGHT POLE, UNLESS NOTED OTHERWISE.
4. OFFSET FOUNDATION SHALL BE INSTALLED.

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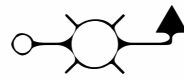
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DEPARTMENT OF TRANSPORTATION

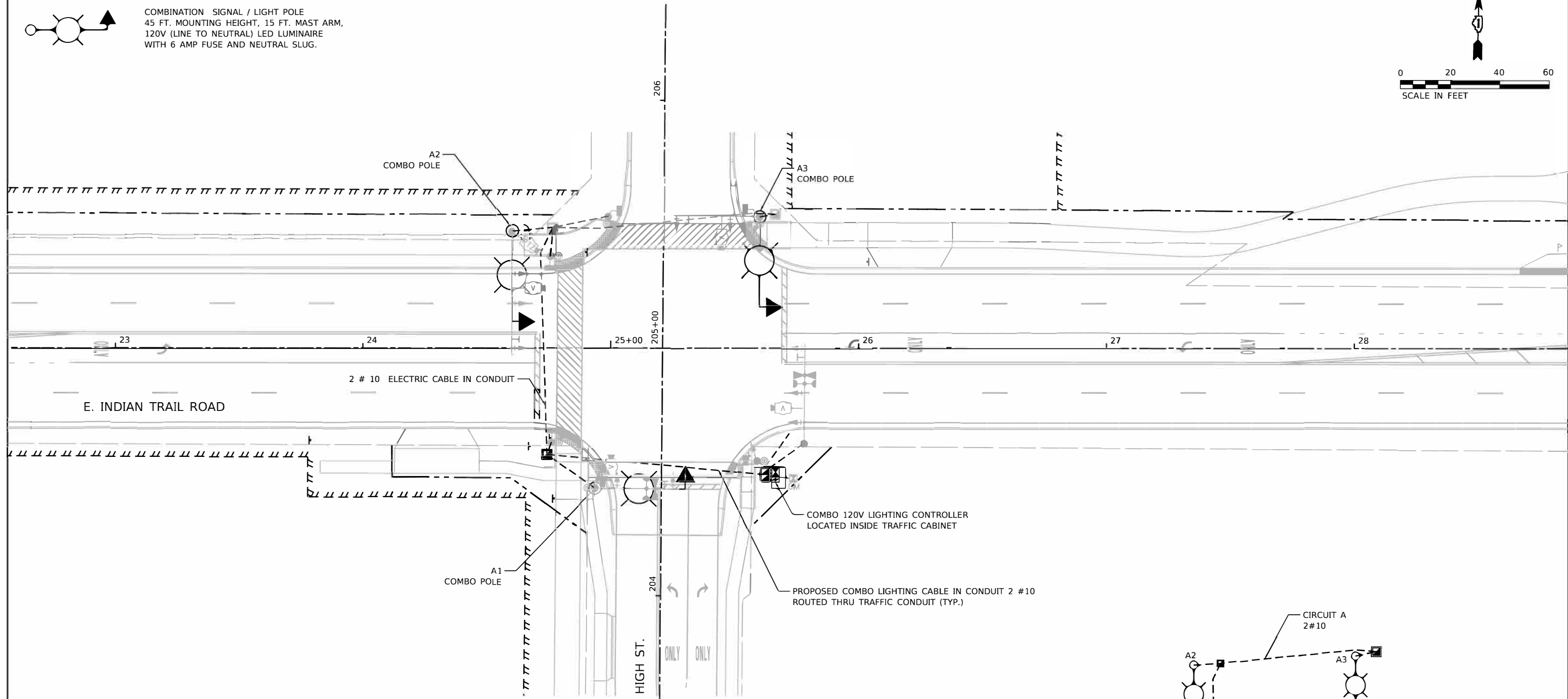
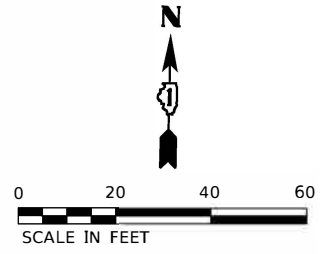
PROPOSED LIGHTING PLAN
INDIAN TRAIL ROAD - AURORA
 SCALE: 1"=50' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	164
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				

EL-05



COMBINATION SIGNAL / LIGHT POLE
45 FT. MOUNTING HEIGHT, 15 FT. MAST ARM,
120V (LINE TO NEUTRAL) LED LUMINAIRE
WITH 6 AMP FUSE AND NEUTRAL SLUG.

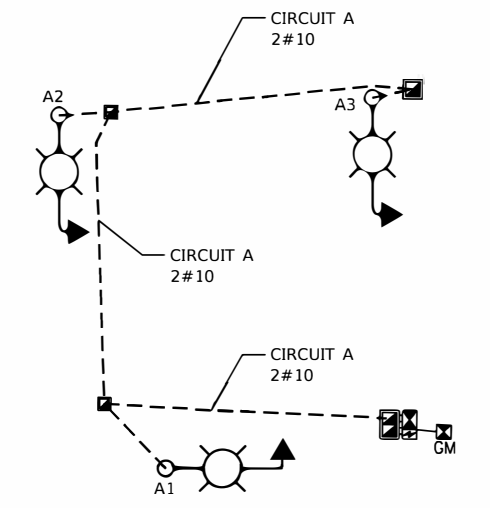


NOTES:

1. THE COMBO LIGHTING CIRCUITING SHALL NOT BE CONNECTED TO THE ROADWAY LIGHTING CIRCUITS.
2. LUMINAIRES ARE POWERED FROM TRAFFIC CONTROLLER. SEE DETAIL BE-240
3. THE COMBO LIGHTING CABLE AND SIGNAL CABLES WILL BE IN SHARED CONDUIT.
4. SEE TRAFFIC PLANS FOR LOCATION OF COMBO POLES, HANDHOLES AND CONDUIT.
5. CIRCUIT DECALS SHALL NOT BE INSTALLED ON COMBO POLES. CIRCUITING DECALS SHOWN IN FOR GUIDANCE ONLY.

COMBO LIGHTING SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	QUANTITY
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	3
COMBINATION LIGHTING CONTROLLER	EACH	1
ELECTRICAL CABLE IN CONDUIT, 600 V, (XLP TYPE USE) 1/C NO. 10	FOOT	550



SINGLE LINE WIRE DIAGRAM

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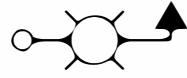
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED LIGHTING COMBINATION POLE PLAN - HIGH ST.
INDIAN TRAIL ROAD - AURORA**

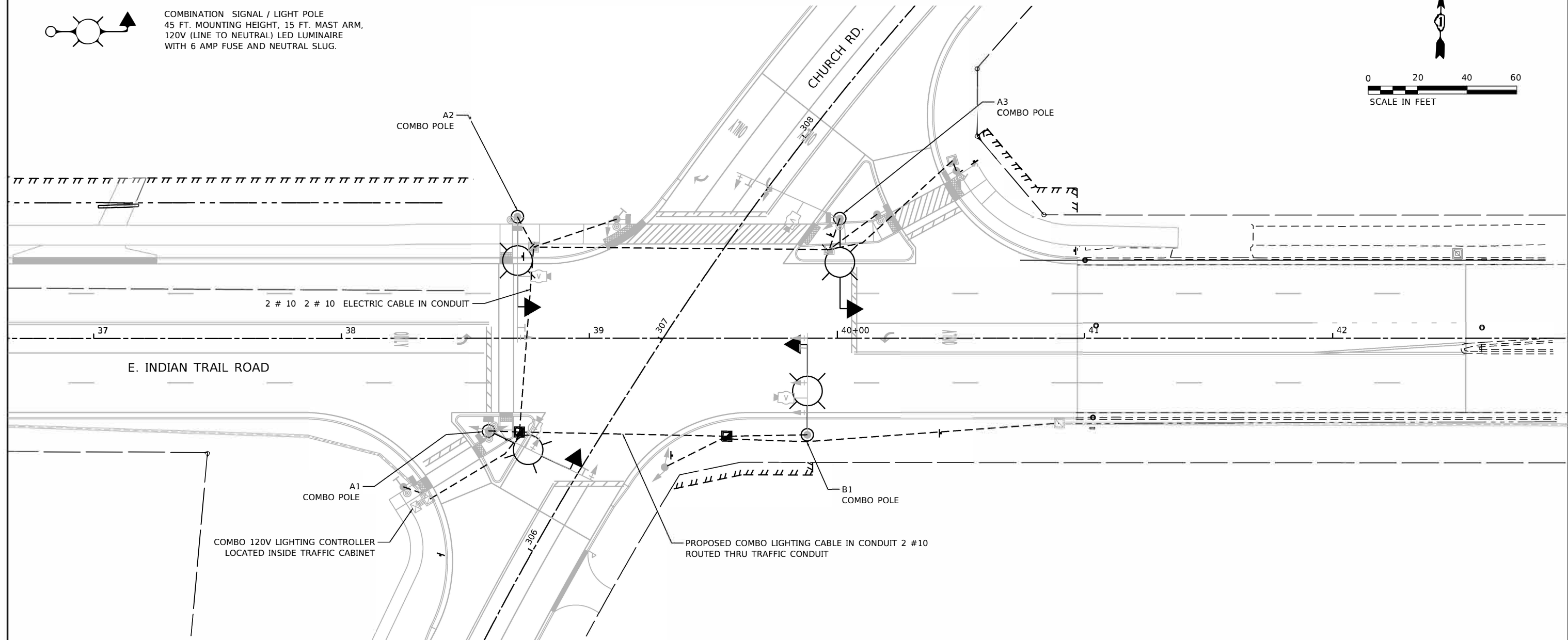
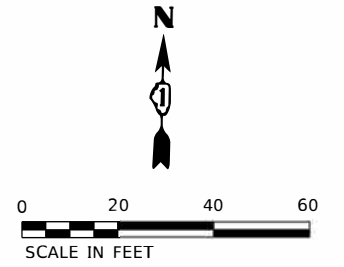
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	165
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H85	

EL-06



COMBINATION SIGNAL / LIGHT POLE
45 FT. MOUNTING HEIGHT, 15 FT. MAST ARM,
120V (LINE TO NEUTRAL) LED LUMINAIRE
WITH 6 AMP FUSE AND NEUTRAL SLUG.

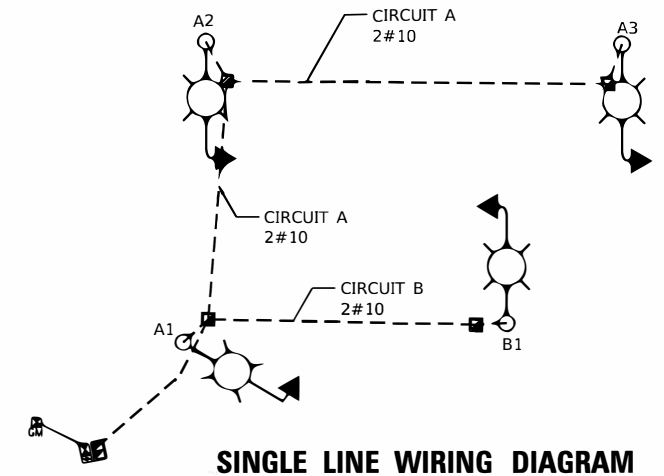


NOTES:

1. THE COMBO LIGHTING CIRCUITING SHALL NOT BE CONNECTED TO THE ROADWAY LIGHTING CIRCUITS.
2. LUMINAIRES ARE POWERED FROM TRAFFIC CONTROLLER. SEE DETAIL BE-240
3. THE COMBO LIGHTING CABLE AND SIGNAL CABLES WILL BE IN SHARED CONDUIT.
4. SEE TRAFFIC PLANS FOR LOCATION OF COMBO POLES, HANDHOLES AND CONDUIT.
5. CIRCUIT DECALS SHALL NOT BE INSTALLED ON COMBO POLES. CIRCUITING DECALS SHOWN IN FOR GUIDANCE ONLY.

COMBO LIGHTING SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	QUANTITY
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	4
COMBINATION LIGHTING CONTROLLER	EACH	1
ELECTRICAL CABLE IN CONDUIT, 600 V, (XLP TYPE USE) 1/C NO. 10	FOOT	800



SINGLE LINE WIRING DIAGRAM

EL-07

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Downers Grove, IL 60516

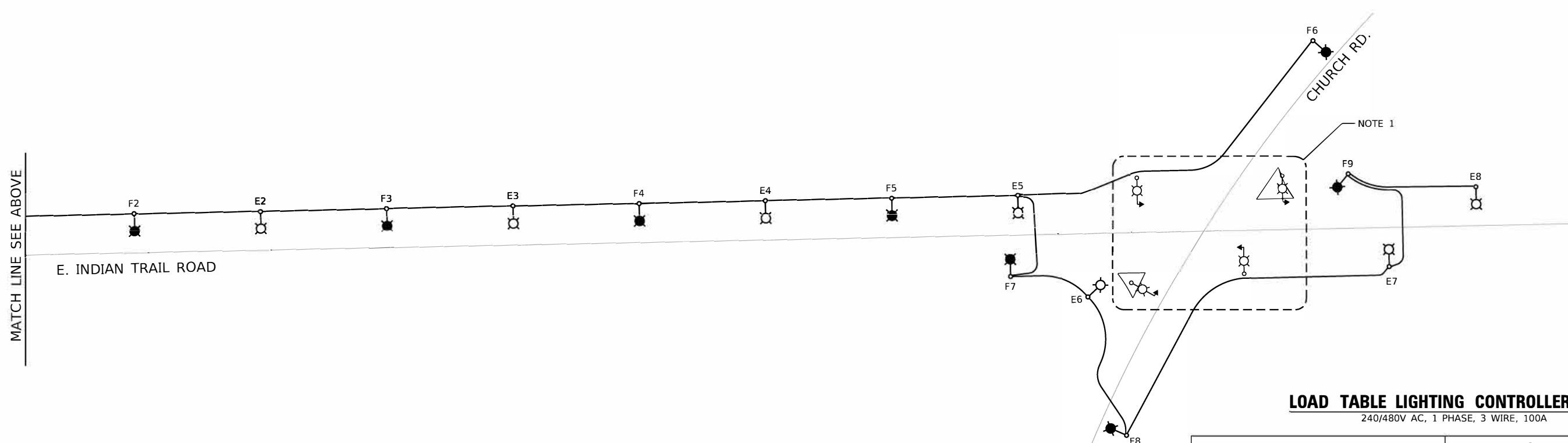
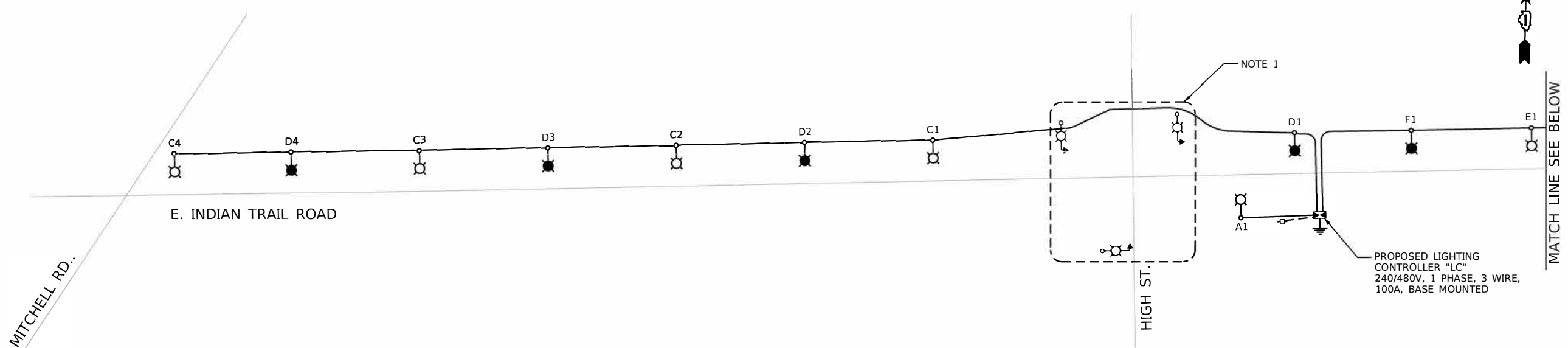
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	DATE - 04-25-22	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED LIGHTING COMBINATION POLE PLAN - CHURCH RD.
INDIAN TRAIL ROAD - AURORA**

SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	166
CONTRACT NO. 61H85			ILLINOIS FED. AID PROJECT	



LOAD TABLE LIGHTING CONTROLLER "LC"
240/480V AC, 1 PHASE, 3 WIRE, 100A

ON RED WIRE				ON BLACK WIRE			
CIRCUIT	TOTAL LUM.	TOTAL CURRENT IN AMPS	TOTAL WATTAGE	CIRCUIT	TOTAL LUM.	TOTAL CURRENT IN AMPS	TOTAL WATTAGE
A	1	0.93	201	B	-	-	-
C	4	3.72	804	D	4	3.72	804
E	8	7.44	1608	F	9	8.37	1809
G	-	-	-	H	-	-	-
TOTAL	13	12.09	2613	TOTAL	13	12.09	2613

TOTAL LOAD IN WATTS 5226
TOTAL LOAD IN AMPS 24.18

LEGEND

- LUMINAIRE, LED, 240V, 0.93A, 201W, 1 PHASE, ON BLACK WIRE,
- LUMINAIRE, LED, 240V, 0.93A, 201W, 1 PHASE, ON RED WIRE,
- UNIT DUCT, 3-1C NO. 4, 1/C NO. 6 GROUND (XLP-TYPE USE) 1 1/4" DIA. POLYETHYLENE
- ComEd ELECTRIC SERVICE, 240/480V, 1 PHASE 3 WIRE

NOTE:

1. COMBINATION LIGHTING POWERED FROM TRAFFIC CABINET COMBO CONTROLLER, REFER TO COMBO LIGHTING/TRAFFIC PLANS EL-06 & EL-07.

MODEL: D:\Projects\2021\01-Indian Trail Rd. GreenDesign\Sheet-08.dgn

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DEPARTMENT OF TRANSPORTATION

SINGLE LINE WIRING DIAGRAM
INDIAN TRAIL ROAD - AURORA

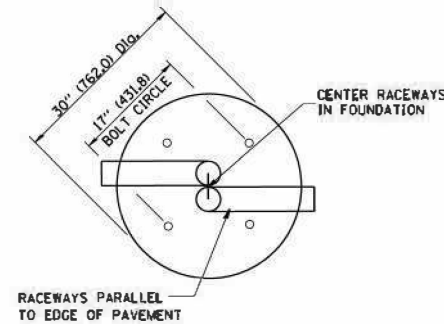
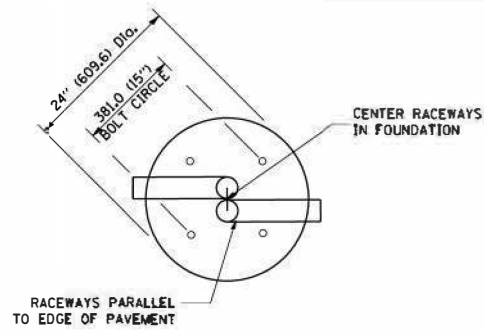
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F A U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	167
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H85	

EL-08

LIGHT POLE FOUNDATION DEPTH TABLE
40 FT. (12.192 m) TO 47.5 FT. (14.478 m) MOUNTING HEIGHT

SOIL CONDITIONS	DESIGN DEPTH "D" OF FOUNDATION	
	SINGLE ARM POLE	TWIN ARM POLE
SOFT CLAY O _u = 0.375 TON/SO. FT.	13'-0" (3.96 m)	15'-0" (4.57 m)
MEDIUM CLAY O _u = 0.75 TON/SO.FT	9'-6" (2.93 m)	10'-9" (3.23 m)
STIFF CLAY O _u = 1.50 TON/SO. FT.	7'-0" (2.13 m)	8'-0" (2.44 m)
LOOSE SAND φ = 34°	9'-0" (2.74 m)	10'-0" (3.05 m)
MEDIUM SAND φ = 37.5°	8'-3" (2.52 m)	9'-0" (2.74 m)
DENSE SAND φ = 40°	7'-9" (2.36 m)	9'-0" (2.74 m)

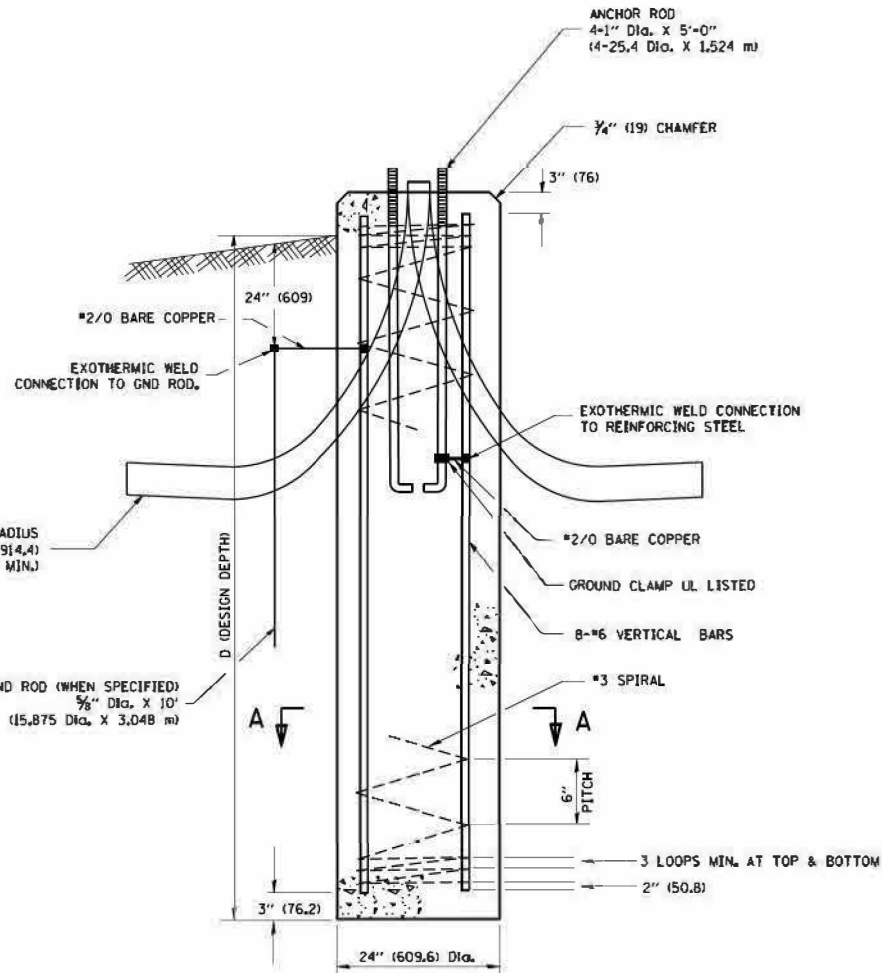


TOP VIEW

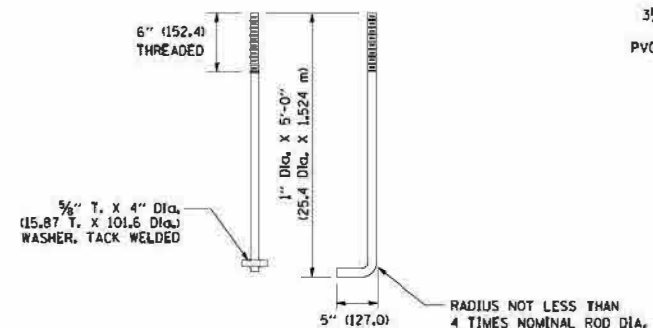
TOP VIEW

NOTES

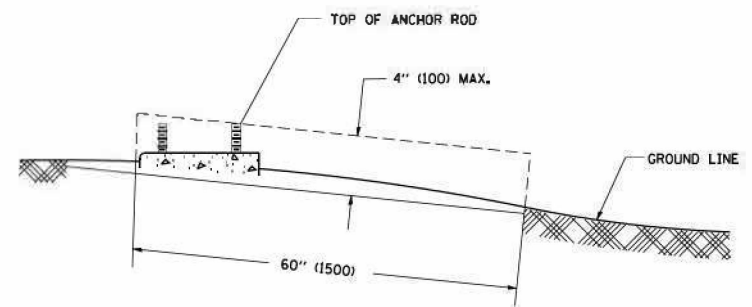
- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- THE ANCHOR RODS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED.
- THE FOUNDATION SHALL NOT PROTRUDE MORE THAN 100MM (4 IN.) ABOVE THE FINISHED GRADE WITHIN A 60 IN. (1.5 m) CHORD ACROSS THE FOUNDATION, WITH ANCHOR RODS INCLUDED. IN ACCORDANCE WITH AASHTO GUIDELINES, IF THE FOUNDATION HEIGHT, INCLUDING ANCHOR RODS, EXTENDS BEYOND THESE SPECIFIED LIMITS, THE FOUNDATION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. SEE FOUNDATION EXTENSION DETAIL.
- THE HOLE FOR THE FOUNDATION SHALL BE MADE BY DRILLING WITH AN AUGER, OF THE SAME DIAMETER AS THE FOUNDATION. IF SOIL CONDITIONS REQUIRE THE USE OF A LINER TO FORM THE HOLE, THE LINER SHALL BE WITHDRAWN AS THE CONCRETE IS DEPOSITED.
- THE TOP OF THE FOUNDATION SHALL BE CONSTRUCTED LEVEL, A LINER OR FORM SHALL BE USED TO PRODUCE A UNIFORM SMOOTH SIDE TO THE TOP OF THE FOUNDATION. FOUNDATION TOP SHALL BE CHAMFERED 3/4-IN. (20 mm).
- THE CONCRETE SHALL BE CLASS SL. CONCRETE SHALL CURE ACCORDING TO ARTICLE 1020.J3 BEFORE LIGHT POLES ARE INSTALLED.
- THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE RADIUS OF THE HOOK BEND SHALL NOT BE LESS THAN 4 TIMES THE NOMINAL DIAMETER OF THE ANCHOR ROD. A TACK WELDED ANCHOR ROD MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.
- THE ANCHOR RODS SHALL BE ACCORDING TO ASTM F1554 GRADE 725 (GRADE 105). NUTS SHALL BE HEXAGON NUTS ACCORDING TO ASTM A 194 2H OR ASTM A 563 DN, AND WASHERS SHALL BE ACCORDING TO ASTM F 436.
- ANCHOR RODS, NUTS AND WASHERS SHALL BE COMPLETELY GALVANIZED BY EITHER THE HOT-DIPPED PROCESS CONFORMING WITH AASHTO M 232, THE MECHANICAL PLATING METHOD CONFORMING TO AASHTO M 298, CLASS 50 WITH A MAXIMUM COATING THICKNESS OF 150 UMG MILS) OR THE ELECTROLYTIC PROCESS ACCORDING TO ASTM F 1136.
- THE ANCHOR RODS SHALL BE THREADED A MINIMUM OF 6 INCHES (150 mm) WITH A MINIMUM OF 3 INCHES (75 mm) OF THREADED ANCHOR ROD EMBEDDED IN THE FOUNDATION.
- ANCHOR RODS SHALL PROJECT 2 3/4" (69.9 mm) ABOVE THE TOP OF THE FOUNDATION, IF BREAKAWAY COUPLINGS ARE SPECIFIED, THE CONTRACTOR SHALL CAREFULLY COORDINATE THE ANCHOR ROD PROJECTION WITH THE INSTALLATION REQUIREMENTS OF THE BREAKAWAY COUPLINGS.
- THE CONTRACTOR SHALL USE A #3 SPIRAL AT 6" (152.4 mm) PITCH OR MAY SUBSTITUTE #3 TIES AT 12" (304.8 mm) O.C. WITH THE APPROVAL OF THE ENGINEER.
- THE CABLE TRENCHES AND FOUNDATION SHALL BE BACK FILLED AND COMPACTED AS SPECIFIED BEFORE THE LIGHT POLE IS ERECTED.
- THE RACEWAYS SHALL PROJECT 1" (25.4 mm) ABOVE THE TOP OF THE FOUNDATION.



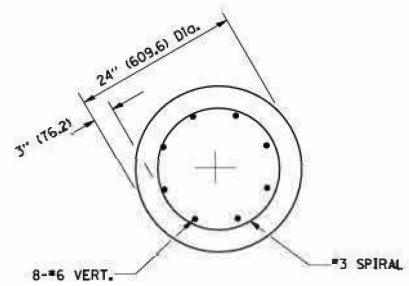
FOUNDATION DETAIL



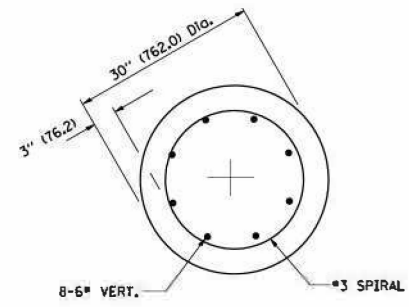
ANCHOR ROD DETAIL



FOUNDATION EXTENSION DETAIL



SECTION A-A



SECTION A-A

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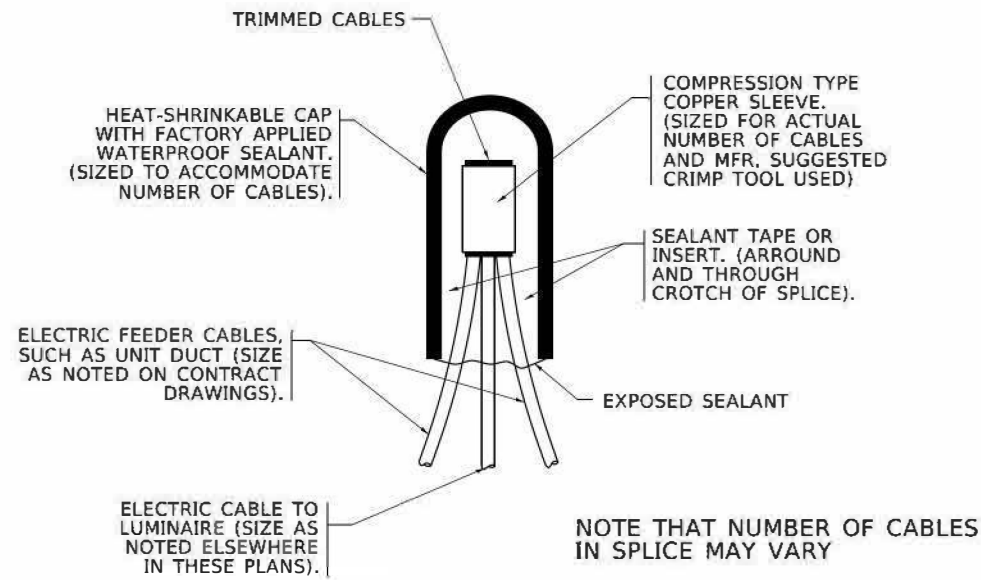
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LIGHT POLE FOUNDATION
40' (12.192 m) TO 47 1/2" (14.478 m) M.H. 15" (381 m) BOLT CIRCLE
INDIAN TRIAL ROAD - AURORA

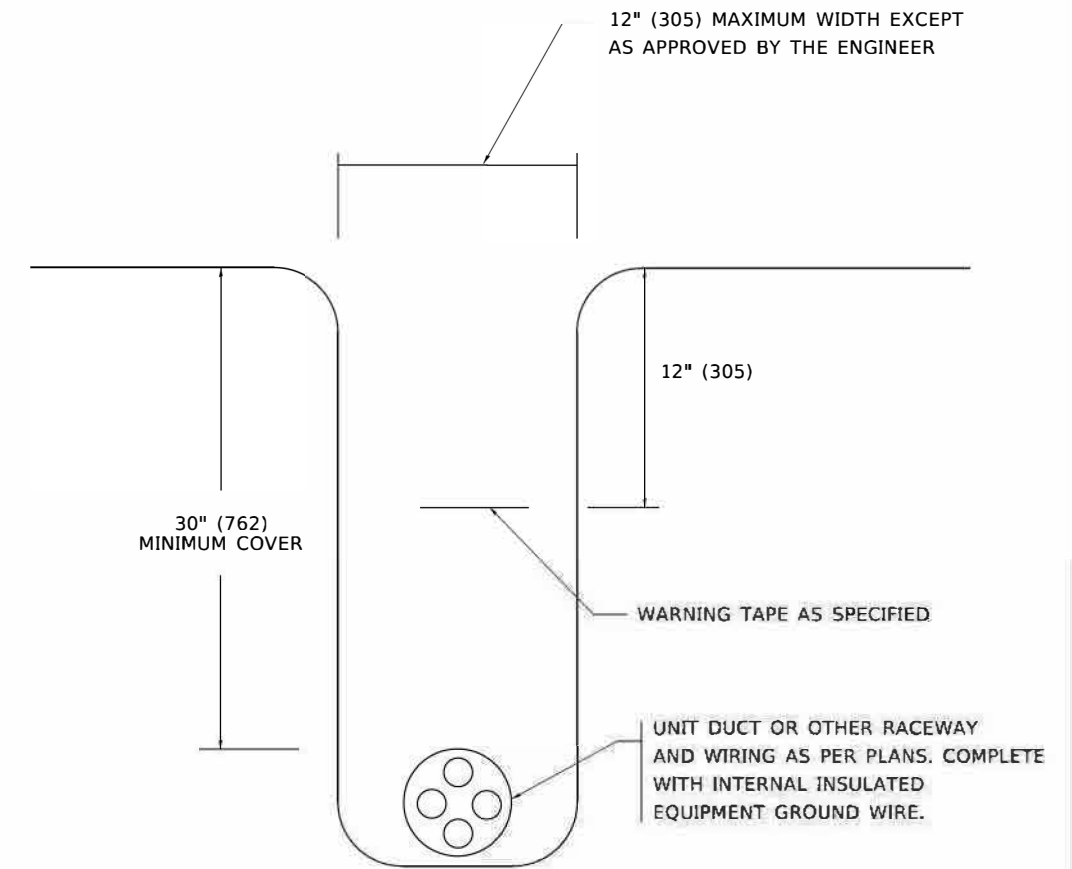
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BE-301			CONTRACT NO. 61H85	
ILLINOIS / FED. AID PROJECT				

EL-09

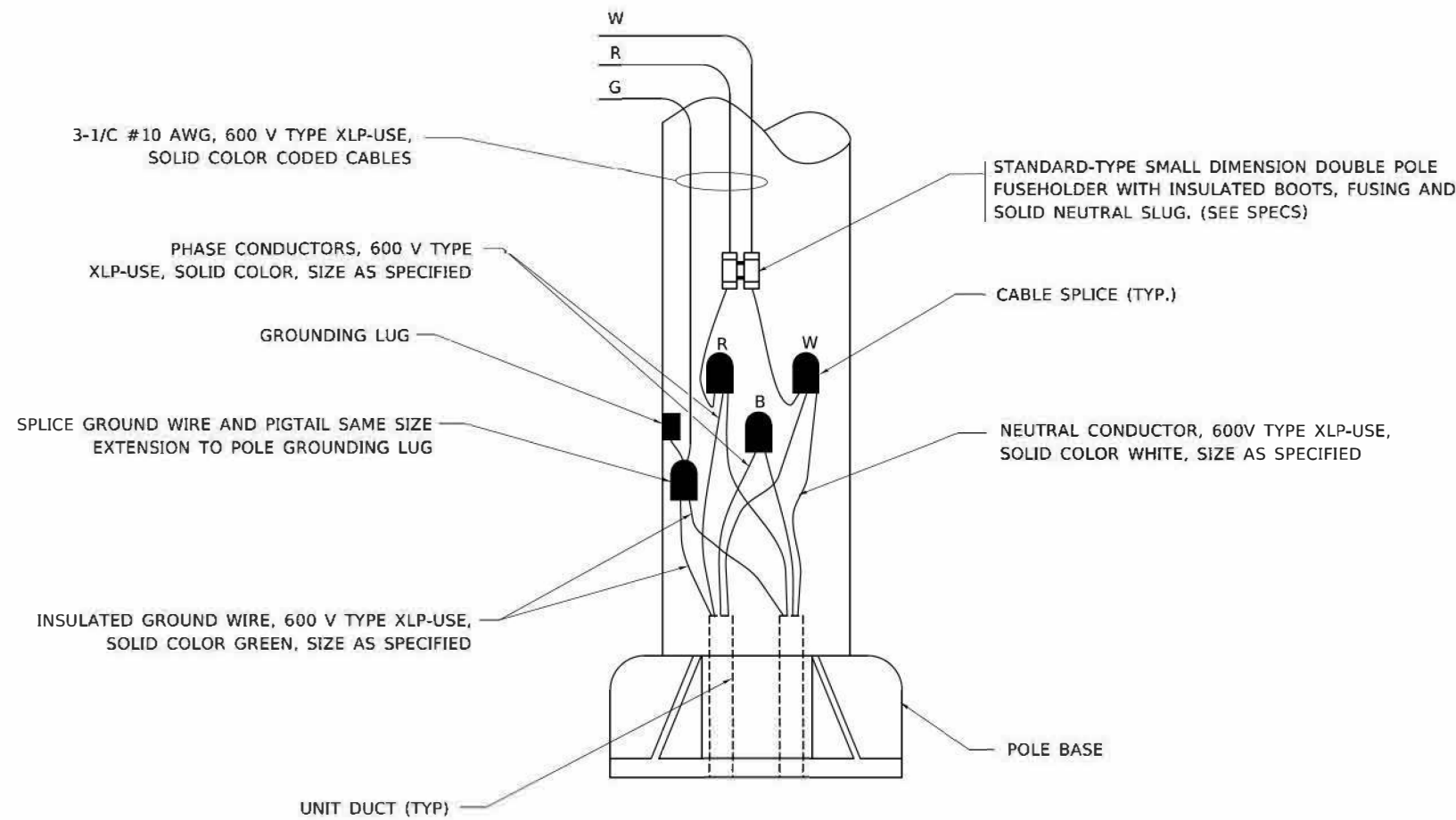


TYPICAL SPLICE DETAIL
N.T.S.

NOTE THAT NUMBER OF CABLES IN SPLICE MAY VARY



TYPICAL WIRING IN TRENCH DETAIL
N.T.S.



POLE WIRING DETAIL
N.T.S.

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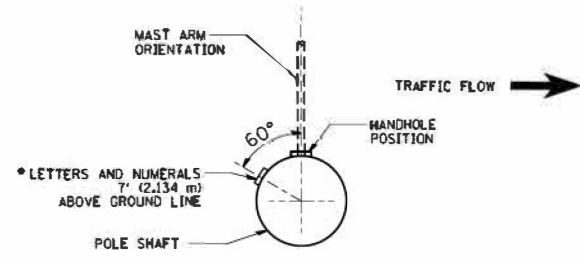
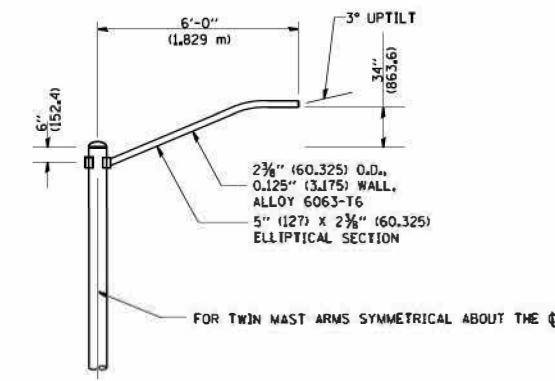
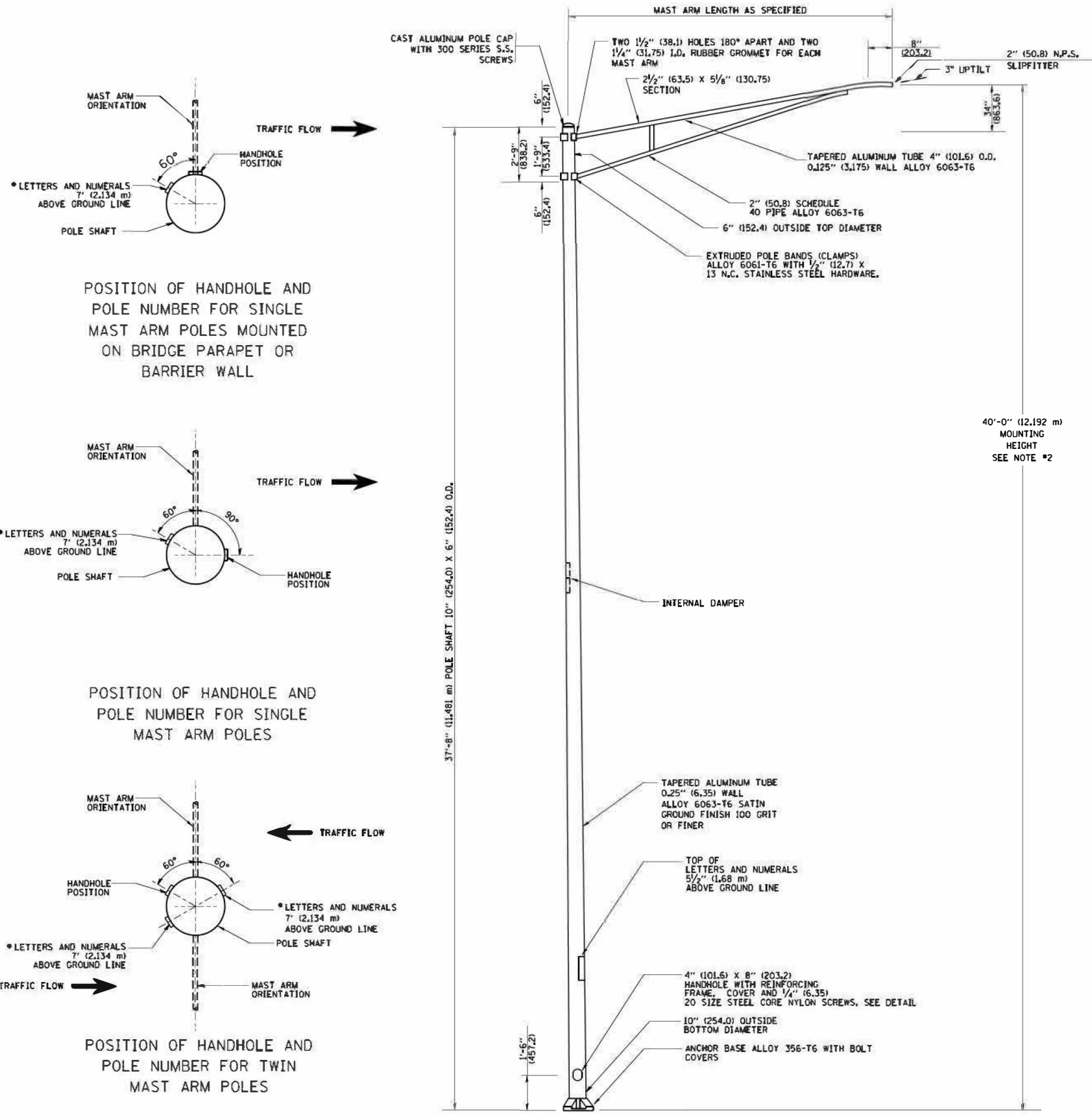
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISC. ELECTRICAL DETAILS SHEET A
INDIAN TRIAL ROAD - AURORA

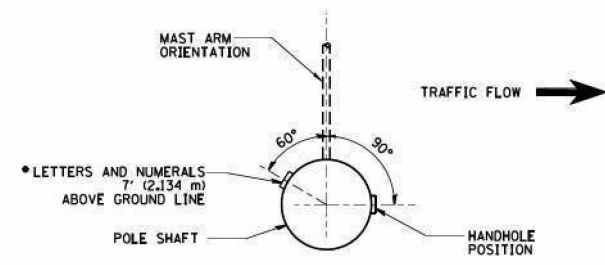
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ILLINOIS FED. AID PROJECT				

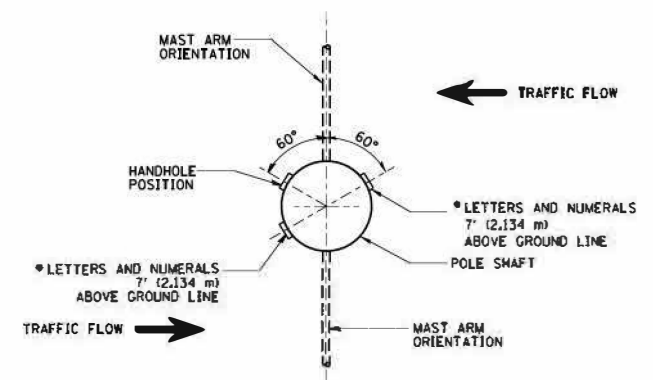
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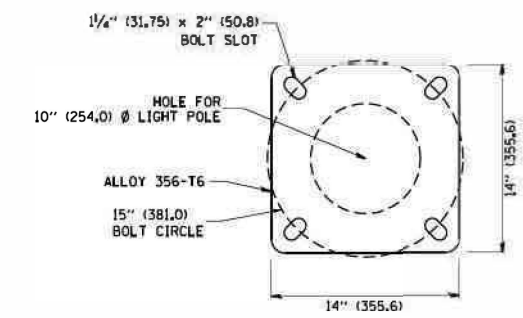
POSITION OF HANDHOLE AND POLE NUMBER FOR SINGLE MAST ARM POLES MOUNTED ON BRIDGE PARAPET OR BARRIER WALL



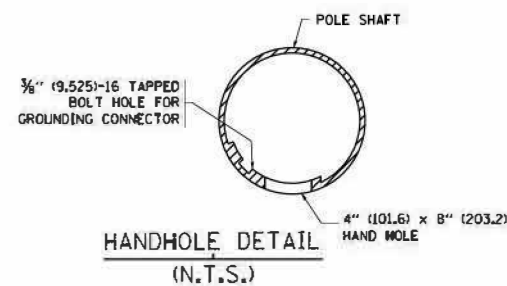
POSITION OF HANDHOLE AND POLE NUMBER FOR SINGLE MAST ARM POLES



POSITION OF HANDHOLE AND POLE NUMBER FOR TWIN MAST ARM POLES



LIGHT POLE BASE PLATE DETAIL
15 INCH (381.0) BOLT CIRCLE



HANDHOLE DETAIL
(N.T.S.)

- NOTES:**
1. ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
 2. MOUNTING HEIGHT IS DEFINED AS THE DISTANCE FROM THE CENTERLINE OF THE TENON TO THE BOTTOM OF THE ANCHOR BASE.
 3. THE LIGHT POLE WILL MEET AASHTO DESIGN CRITERIA AS SPECIFIED.
 4. THE INSTALLING CONTRACTOR WILL PROVIDE A UL LISTED GROUNDING CONNECTOR, BURNDY K2C23, T&B SP4DL OR APPROVED EQUAL.
 5. LIGHT POLES WILL NOT BE INSTALLED WITHOUT MAST ARMS AND LUMINAIRES.
 6. LIGHT POLES WILL BE SET PLUMB ON THE FOUNDATION WITHOUT THE USE OF LEVELING NUTS, WASHERS OR SHIMS.
 7. LIGHTING UNIT IDENTIFICATION NUMBERS SHALL BE INSTALLED BEFORE THE LIGHTING UNIT IS ENERGIZED.

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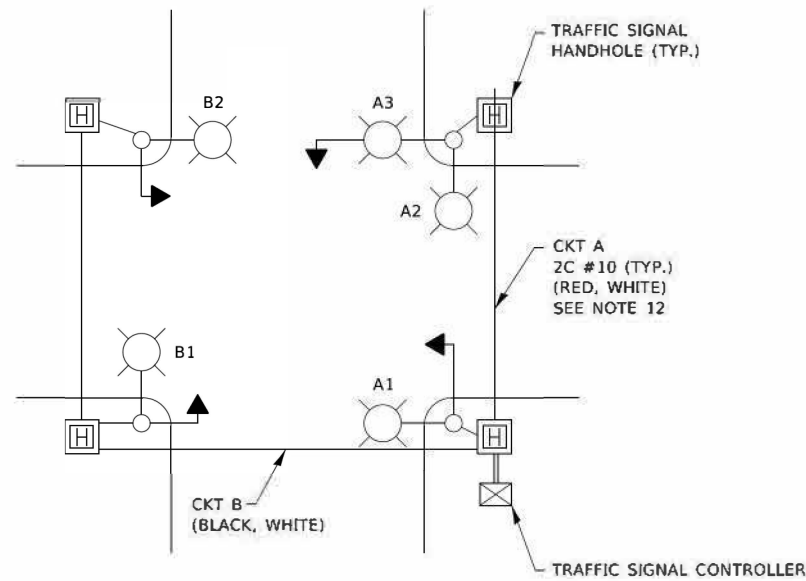
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALUMINUM LIGHT POLE 40'-0" (12.192 m) MOUNTING HEIGHT
INDIAN TRIAL ROAD - AURORA**

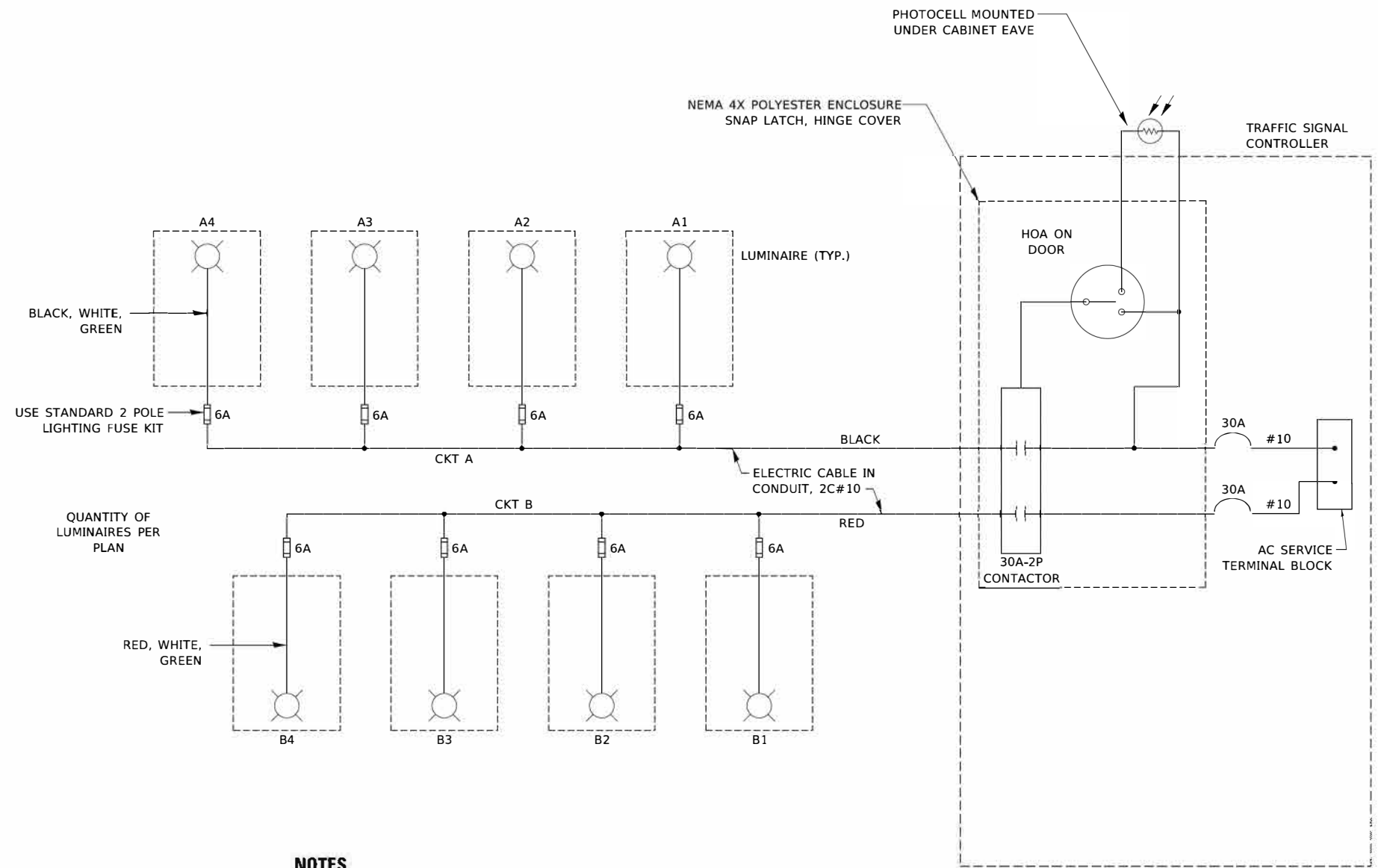
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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ILLINOIS FED. AID PROJECT				

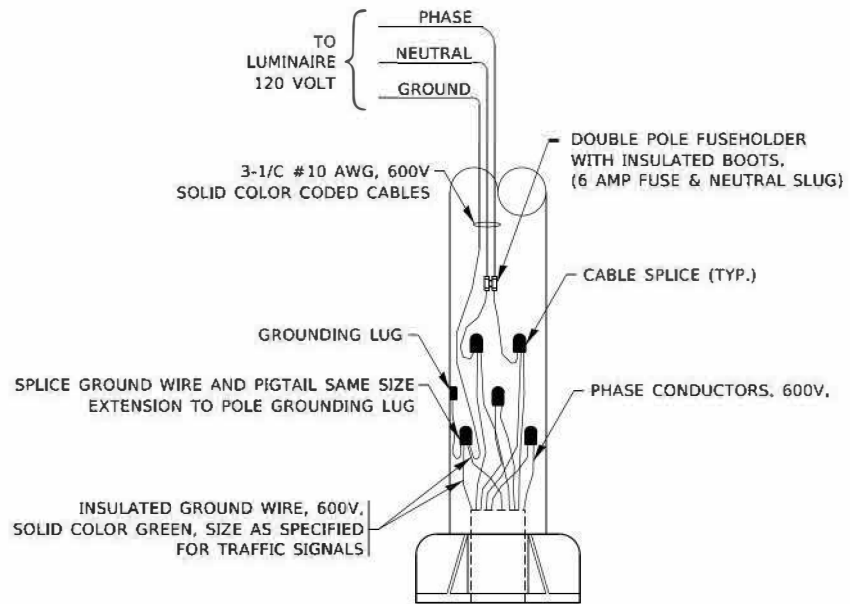
EL-11



TYPICAL LIGHTING CIRCUIT
(NOT TO SCALE)



- NOTES**
- 4 LUMINAIRES PER CIRCUIT, MAXIMUM.
 - TWO #10 (XLP-TYPE USE) CABLES TO BE USED FOR LIGHTING CIRCUITS.
 - ROUTE LIGHTING CIRCUITS IN TRAFFIC SIGNAL CONDUIT SYSTEM.
 - ALL SPLICES AND CONNECTIONS FOR ROADWAY LIGHTING SHALL BE AT POLE BASE ONLY.
 - FOR LIGHTING CIRCUITS, CONNECT TWO CIRCUIT BREAKERS TO AC SERVICE TERMINAL BLOCK.
 - ALL WIRING SHALL BE NEATLY DRESSED, IDENTIFIED BY TAGS, AND SUPPORTED. (UNDERGROUND SPLICING OF LIGHTING CONDUCTORS IS NOT PERMITTED).
 - THE H.O.A. SWITCH SHALL BE LABELED AS "LIGHTING CONTROL" WITH THE POSITIONS "AUTO", "OFF" AND "TEST" WITH ENGRAVED NAME PLATES.
 - LIGHTING CONNECTED TO UPS BYPASS CIRCUIT.
 - COMBINATION LIGHTING MUST BE INSTALLED PRIOR TO SIGNAL TURN ON.
 - LUMINAIRE VOLTAGE SHALL BE 120V
 - POLE WIRING & FUSE KITS ARE INCLUDED IN THE LUMINAIRE PAY ITEM.
 - THE UNDERGROUND EQUIPMENT GROUND WIRE IS SHOWN IN THE TRAFFIC SIGNAL PLANS AND IS INCLUDED IN THE SIGNAL PLANS. IT IS SHARED GROUND BETWEEN SIGNALS AND LIGHTING.

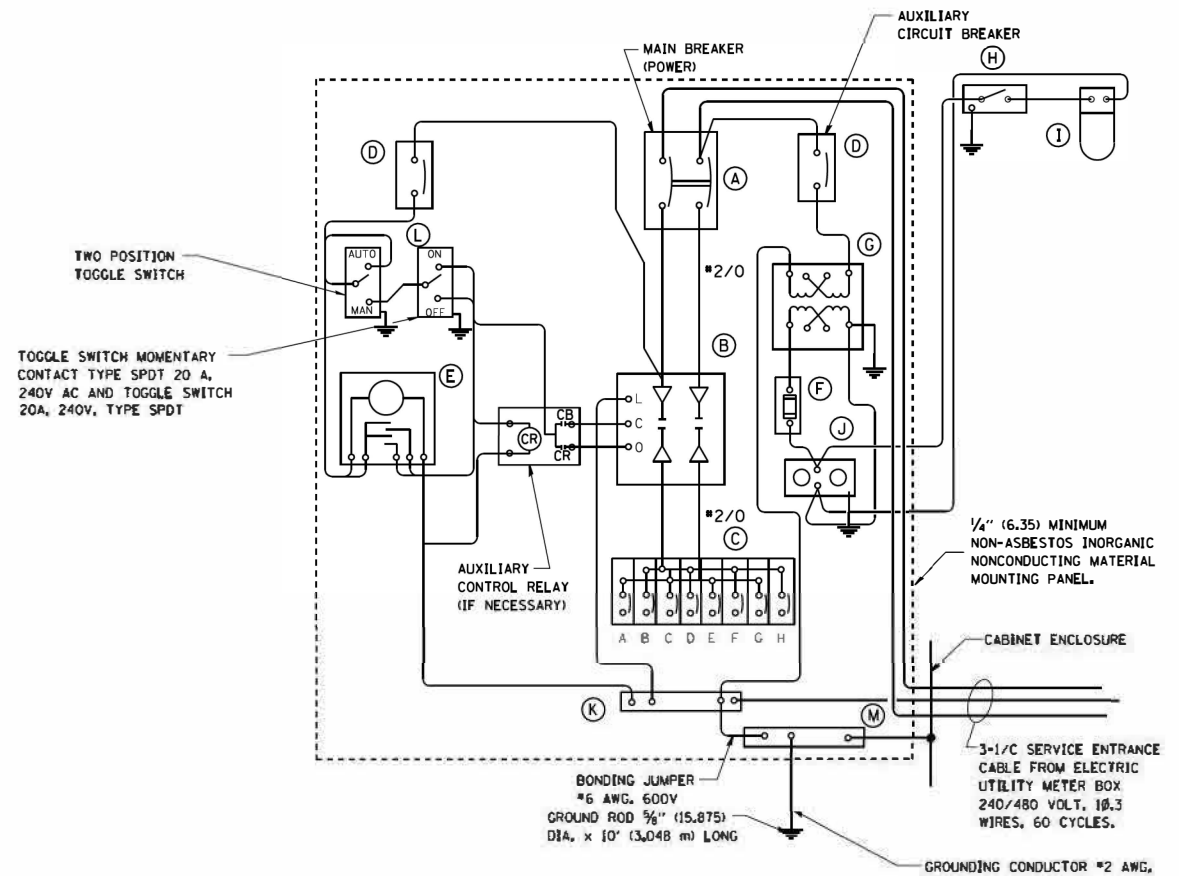


COMBINATION POLE WIRING DETAIL
(NOT TO SCALE)

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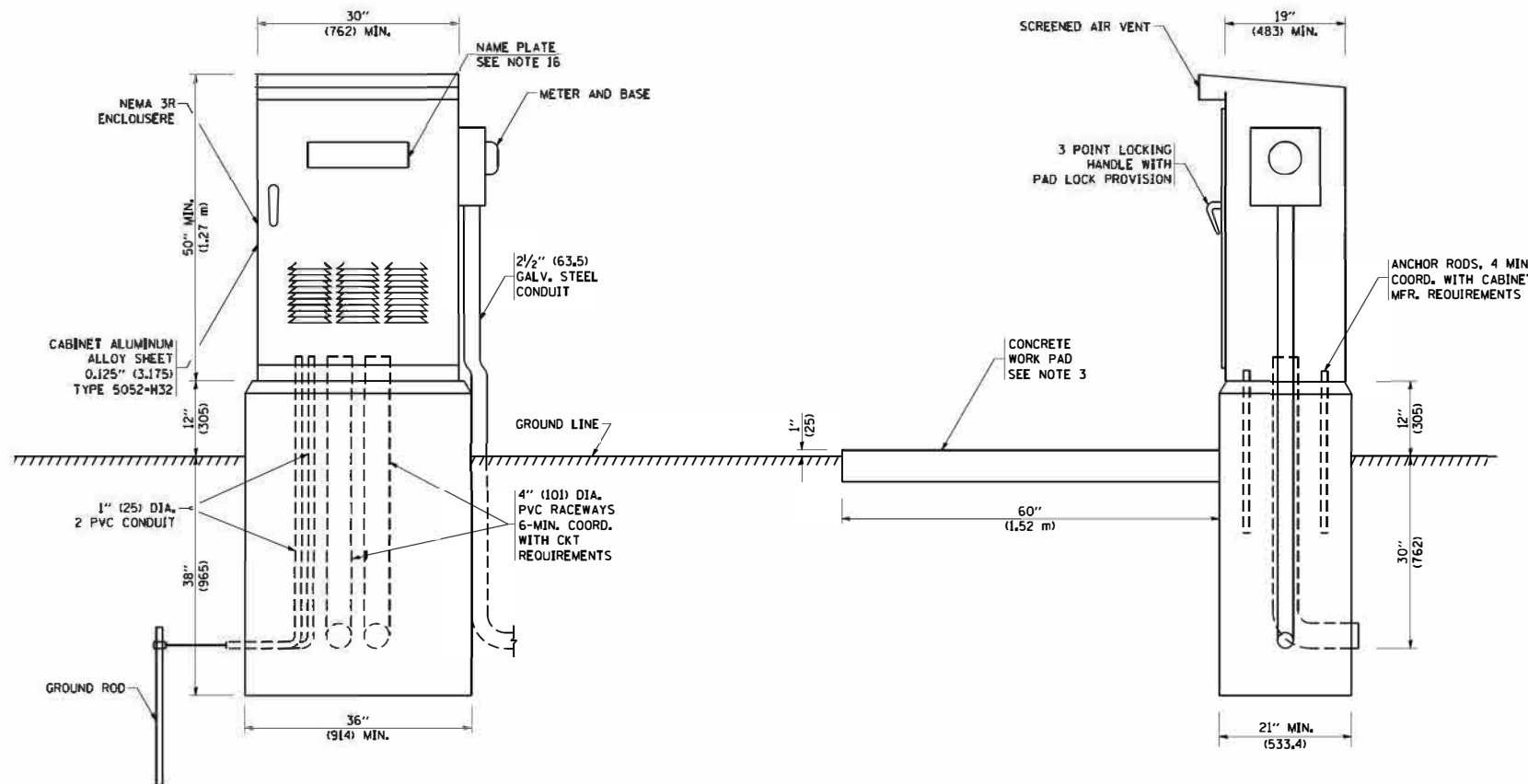
PANEL WIRING DIAGRAM

PANEL EQUIPMENT

BILL OF MATERIAL		
ITEM	QUANTITY	DESCRIPTION
A	1	MAIN CIRCUIT BREAKER, 2 POLE, 600 VOLT 100 AMP. FRAME, 100 AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-22000 AMP. AT 480 VOLT.
B	1	REMOTE CONTROL SWITCH, ELECTRICALLY OPERATED, MECHANICALLY HELD, 2 POLE, SINGLE THROW, 100 AMP., 600 VOLTS CONTROL CIRCUIT 240 VOLT.
C	8	CIRCUIT BREAKERS, 1 POLE, 100AMP. FRAME, 50 AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-10,000 AMP. AT 240 V.
D	2	CONTROL CIRCUIT-CIRCUIT BREAKER, 1 POLE, 240 V., 100 AMP. FRAME, 15 AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-5000 AMP. AT 240 V.
E	1	ASTRONOMIC MICROPROCESSOR-BASED 2-CHANNEL CONTROLLER (TIME SWITCH).
F	1	20 A., 120 V. FUSE.
G	1	1.5 KVA, SINGLE PHASE, ENCAPSULATED TRANSFORMER 240 X 480 / 120 X 240 VOLT, 60 HZ.
H	1	SPST 20A SWITCH ON DOOR, TO TURN LIGHT ON WHEN DOOR IS OPEN.
I	1	INCANDESCENT LIGHTING FIXTURE ENCLOSED AND GASKETED WITH 60 WATT, 120 V. LAMP.
J	1	20 A., 120 V., DUPLEX RECEPTACLE, GFCI.
K	1	COPPER GROUND BUS 1/4" (6.35) X 1" (25.4) X 12" (304.8 mm) LONG MOUNTED ON PANEL WITH LUGS AND 4 SPARE LUGS
L	1	TOGGLE SWITCHES MOUNTED IN 4" (101.6) X 4" (101.6 mm) BOX.
M	1	COPPER GROUND BUS 1/4" (6.35) X 1" (25.4) X 12" (304.8 mm) LONG MOUNTED ON PANEL WITH LUGS AND SPARE LUGS

NOTES:

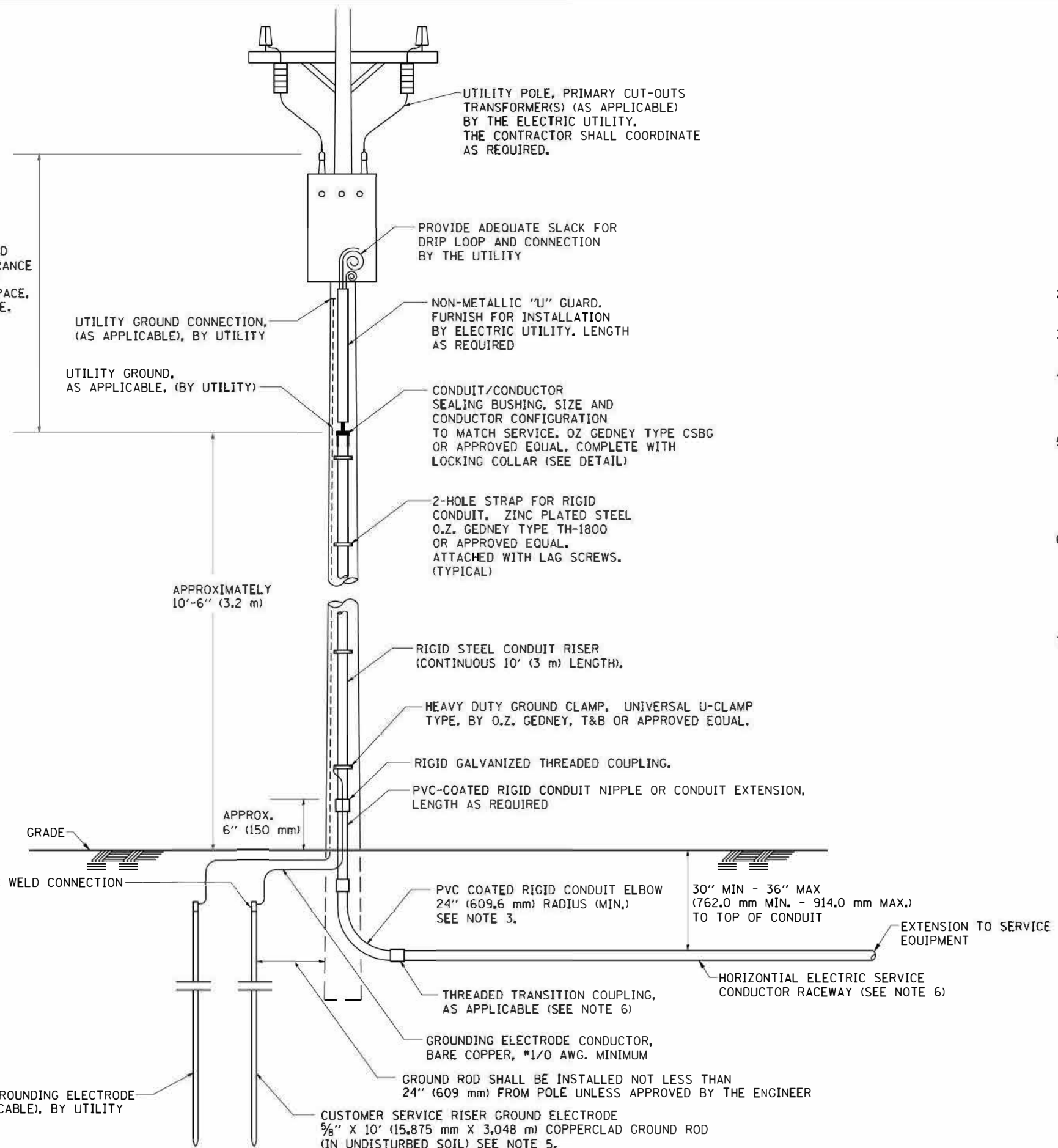
- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- FOUNDATION SIZE SHALL BE COORDINATED WITH CABINET SIZE AND MFR.
- IN FRONT OF CONTROL CABINET DOOR, REMOVE VEGETATION AND 2" (50.8 mm) TOP SOIL. LEVEL THE AREA AND ON TOP, PLACE LENGTH WISE PARALLEL TO CONTROL CABINET, A CONCRETE PAD 36" (914.4 mm) X 60" (18.288 m) X 4" (101 mm) MIN. SIZE. THE COST OF LABOR AND MATERIALS ARE INCLUDED IN THE COST OF THE CONTROLLER.
- DOOR SHALL BE CONSTRUCTED FROM SAME TYPE OF MATERIAL AND THICKNESS AS CABINET.
- DOOR SHALL BE EQUIPPED WITH THREE POINT LATCHING MECHANISM WITH NYLON ROLLERS AT TOP THE BOTTOM.
- DOOR HINGE SHALL BE A HEAVY GAUGE CONTINUOUS HINGE WITH A 1/4" (6.35 mm) DIA. STAINLESS STEEL HINGE PIN.
- ALL EXTERNAL HARDWARE SHALL BE STAINLESS STEEL.
- CONTROL WIRING TO BE #12 AWG, 600V, TYPE "SIS" GRAY SWITCH BOARD WIRE, STRANDED COPPER.
- METER BOX SHALL BE MOUNTED ON THE SIDE OF CONTROL CABINET, NEAR TO THE SERVICE POLE.
- CABINETS SHALL BE PRIMED AND PAINTED AS SPECIFIED.
- THE HEADS OF CONNECTORS SCREWS SHALL BE PAINTED WHITE FOR NEUTRAL BAR CONNECTION AND GREEN FOR GROUND BAR CONNECTORS.
- ALL WIRING WITHIN THE CABINET SHALL BE COLOR CODED AS INDICATED.
R = RED BL = BLUE W = WHITE
B = BLACK Y = YELLOW G = GREEN
- PROVIDE SEALING GROMMETS FOR ALL OPEN WIRING EXTENDED FROM DEVICES IN BOXES OR CABINETS WITHIN THE CONTROL CABINET.
- ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.
- THE CONTROLLER SHALL BE CONSTRUCTED TO U.L. STD. 508 AND BEAR THE U.L. LABEL "ENCLOSED INDUSTRIAL CONTROL PANEL".
- 12" (304.8) X 16" (406.4 mm) STAINLESS STEEL EXTERIOR NAMEPLATE SHALL BE ENGRAVED TO "CITY OF AURORA" UNLESS OTHERWISE SPECIFIED.



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	DATE - 04-25-22	REVISED -

ASCERTAIN AND ASSURE CLEARANCE FROM UTILITY SECONDARY SPACE, AS APPLICABLE.

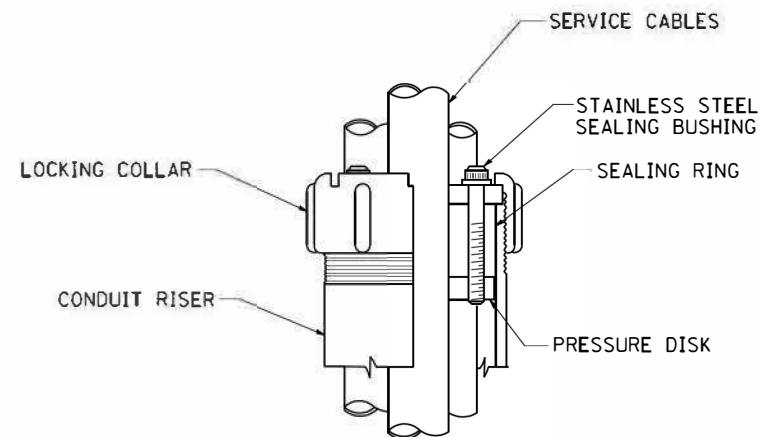


APPLICATION

THIS DETAIL APPLIES FOR LOW VOLTAGE ELECTRIC SERVICE (660 V OR LESS) FROM AN OVERHEAD UTILITY SUPPLY TO SEPERATLY-MOUNTED SERVICE EQUIPMENT.

NOTES

- SERVICE VOLTAGE SHALL BE AS INDICATED ELSEWHERE IN THE DRAWINGS.
- UNLESS OTHERWISE INDICATED, ITEMS AND WORK SHALL BE INCLUDED AND PAID AS PART OF THE ELECTRIC UTILITY SERVICE INSTALLATION PAY ITEM.
- CONDUIT AND CONNECTOR DIAMETER SHALL MATCH THE DIAMETER OF THE SERVICE CONDUCTOR RACEWAY AS INDICATED ON THE PLANS.
- PVC COATED RACEWAYS AND ACCESSORIES SHALL BE CAREFULLY INSTALLED WITH MFR RECOMMENDED TOOLS AND PROCEDURES TO AVOID DAMAGE. ANY DAMAGE SHALL BE REPAIRED WITH COMPATIBLE PVC TOUCH-UP MATERIAL TO THE SATISFACTION OF THE ENGINEER OR THE DAMAGED MATERIAL SHALL BE REPLACED AT NO ADDITIONAL COST.
- THE CONTRACTOR SHALL OBTAIN INSPECTION AND APPROVAL BY THE ENGINEER OF SERVICE RISER GROUND ELECTRODE, RISER ELBOW, NIPPLE AND CONNECTION TO SERVICE CONDUCTOR RACEWAY EXTENSION BEFORE BACKFILL AND SHALL ALSO OBTAIN INSPECTION OF SERVICE RISER AND SEALING BUSHING BEFORE UTILITY "U" GUARD INSTALLATION AND SERVICE CONNECTION.
- THE HORIZONTAL ELECTRIC SERVICE CONDUCTOR RACEWAY SHALL BE AS INDICATED AND SHALL BE MEASURED SEPARATELY FOR PAYMENT. WHEN THE RACEWAY IS PVC-COATED RIGID GALVANIZED STEEL, THE COUPLING SHALL BE THE SAME. WHEN THE RACEWAY IS PVC CONDUIT (IN CONCRETE), THE COUPLING SHALL BE A METALLIC TO NON METALLIC ADAPTER. WHEN THE RACEWAY IS ENCASED IN CONCRETE, THE CONCRETE SHALL EXTEND TO COVER THE COUPLING.
- PLANS AND DETAILS INDICATE THE GENERAL NATURE AND REQUIREMENTS. THEY DO NOT SHOW EVERY ACCESSORY AND ATTACHMENT, AND THEY DO NOT RELIEVE THE CONTRACTOR OF THE REQUIREMENTS OF THE SPECIFICATIONS AND SPECIAL PROVISIONS TO ASCERTAIN UTILITY REQUIREMENTS AND TO COORDINATE ACCORDINGLY, FURNISHING ALL ITEMS AND WORK NOT PROVIDED BY THE UTILITY, BUT NECESSARY FOR A COMPLETE SERVICE INSTALLATION IS REQUIRED AND SHALL BE INCLUDED IN THE ELECTRIC UTILITY SERVICE INSTALLATION PAY ITEM.



SEALING BUSHING DETAIL

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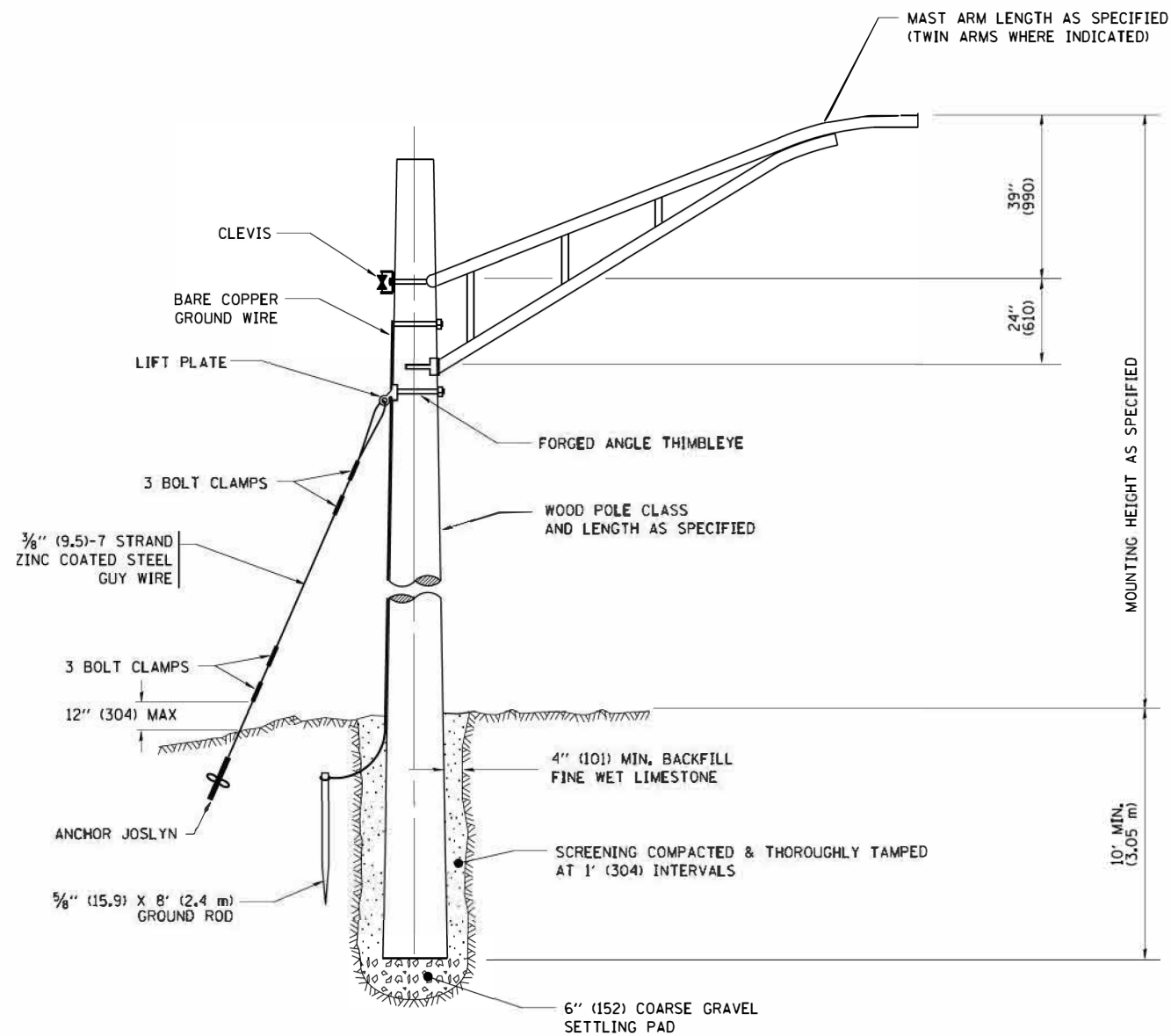
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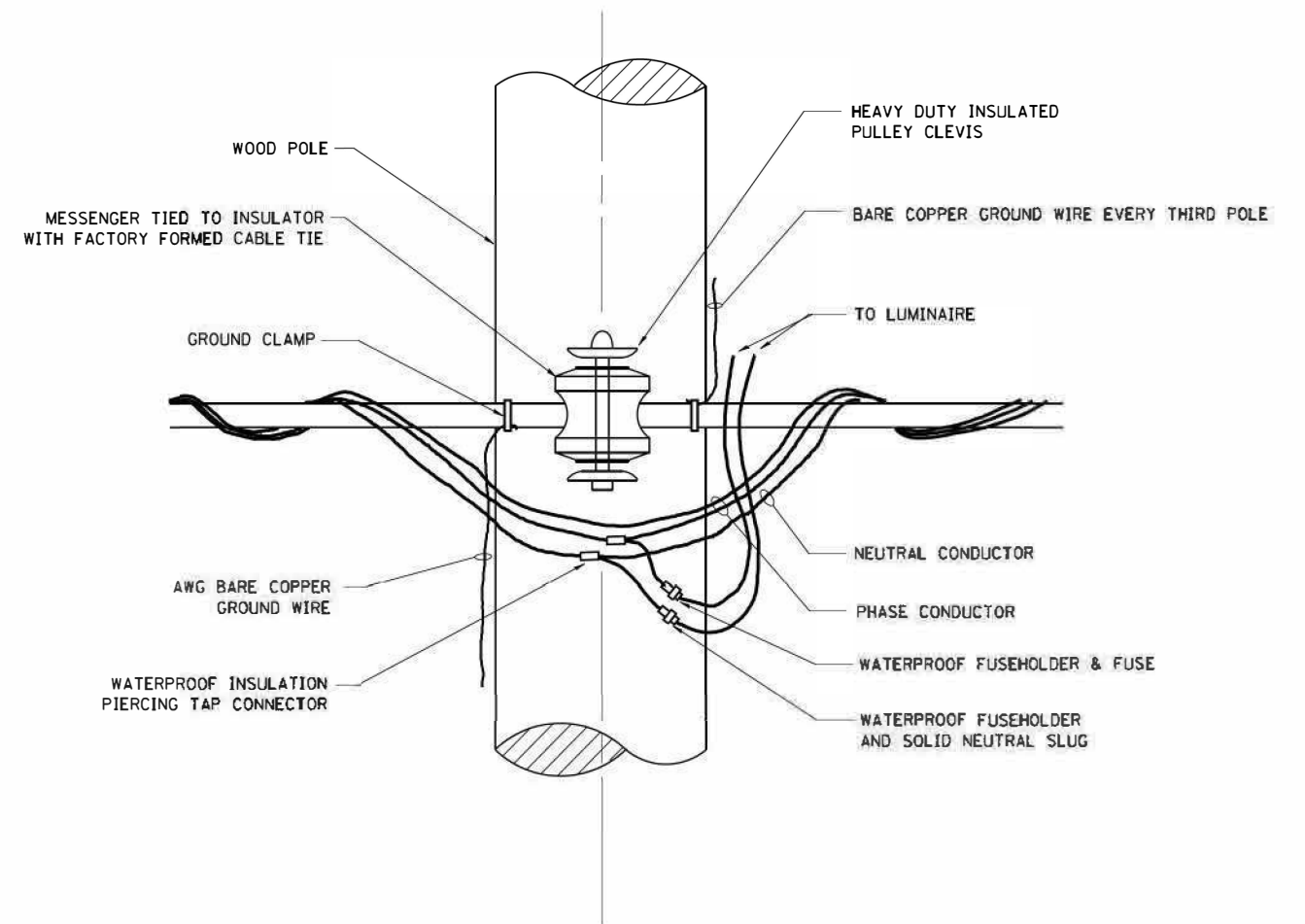
**ELECTRIC SERVICE INSTALLATION
INDIAN TRIAL ROAD - AURORA**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	173
BE-220			CONTRACT NO. 61H85	
ILLINOIS FED. AID PROJECT				



TEMPORARY LIGHT POLE DETAIL



TEMPORARY LIGHT POLE ATTACHMENT DETAIL

NOTES:

1. ALL DIMENSIONS IN INCHES (MILLIMETERS) UNLESS OTHERWISE INDICATED

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY LIGHT POLE DETAILS
INDIAN TRIAL ROAD - AURORA

SCALE: SHEET OF SHEETS STA. TO STA.

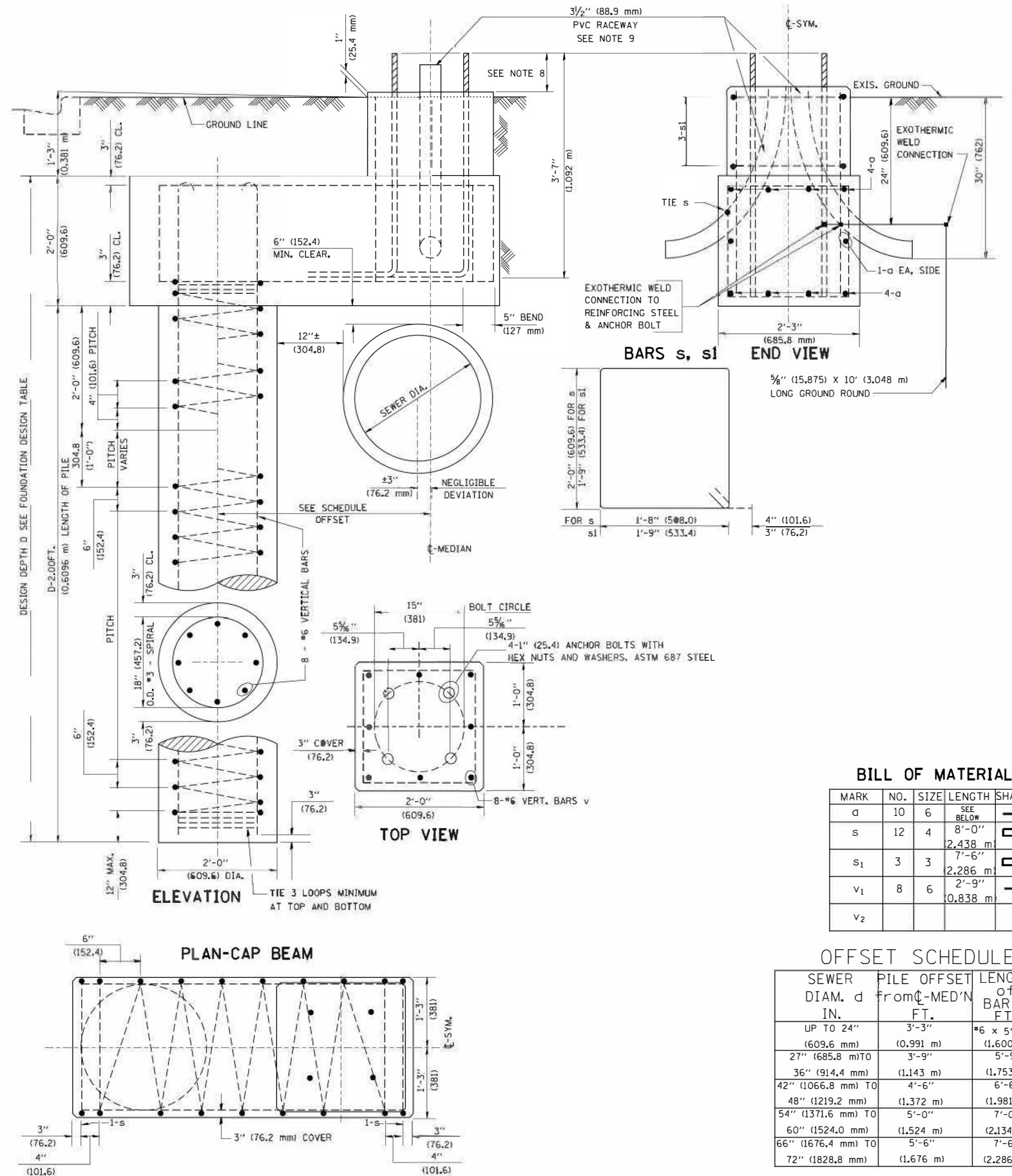
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1503	06-00260-02-PV	KANE	227	174
BE-800			CONTRACT NO. 61H85	
ILLINOIS FED. AID PROJECT				

FOUNDATION DESIGN TABLE

TYPE OF SOIL	DESIGN DEPTH OF FOUNDATION		REINFORCEMENT IN FOUNDATION			
	SINGLE ARM D	TWIN ARM D	SINGLE ARM		TWIN ARM	
			VERT BARS	SPIRAL	VERT BARS	SPIRAL
SOFT CLAY	13'-0" (3.962 m)	15'-0" (4.572 m)	8-#6X12'-6" (3.810 m)	*3X122' (37.186 m)	8-#6X14'-3" (4.343 m)	*3X141' (42.977 m)
MEDIUM CLAY	9'-6" (2.896 m)	10'-9" (3.277 m)	8-#6X9'-0" (2.743 m)	*3X90' (27.432 m)	8-#6X10'-0" (3.048 m)	*3X100' (30.480 m)
STIFF CLAY	7'-0" (2.134 m)	8'-0" (2.438 m)	8-#6X6'-6" (1.981 m)	*3X66' (20.112 m)	8-#6X7'-6" (2.286 m)	*3X76' (23.165 m)
LOOSE SAND	9'-0" (2.743 m)	10'-0" (3.048 m)	8-#6X8'-6" (2.591 m)	*3X85' (25.908 m)	8-#6X9'-6" (2.896 m)	*3X94' (28.651 m)
MEDIUM SAND	8'-3" (2.515 m)	9'-0" (2.743 m)	8-#6X8'-0" (2.438 m)	*3X78' (23.774 m)	8-#6X8'-6" (2.591 m)	*3X85' (25.908 m)
DENSE SAND	7'-9" (2.362 m)	9'-0" (2.743 m)	8-#6X7'-6" (2.286 m)	*3X73' (22.250 m)	8-#6X8'-6" (2.591 m)	*3X85' (25.908 m)
ROCK OR SOLIDIFIED SLAG	5'-0" (1.524 m)	5'-0" (1.524 m)	NONE	NONE	NONE	NONE

NOTES

- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- THE ENGINEER SHALL DETERMINE THE CLASS OF SOIL DURING EXCAVATION AND SELECT THE DESIGN DEPTH OF FOUNDATION FROM THE DESIGN TABLE.
- EXCAVATION OF THE POLE FOUNDATION SHALL BE MADE WITH AN AUGER, 24" (609.6 mm) OR 30" (762.0 mm) IN DIAMETER.
- THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE RADIUS OF THE HOOK BEND SHALL NOT BE LESS THAN 4 TIMES THE NOMINAL DIAMETER OF THE ANCHOR ROD. A TACK WELDED ANCHOR ROD MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.
- THE ANCHOR BOLTS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED IN THE FORM.
- THE ANCHOR RODS SHALL BE ACCORDING TO ASTM F1554 GRADE 725 (GRADE 105), NUTS SHALL BE HEXAGON NUTS ACCORDING TO ASTM A 194 2H OR ASTM A 563 DH, AND WASHERS SHALL BE ACCORDING TO ASTM F 436.
- THE CONTRACTOR SHALL COORDINATE EXTENSION OF ANCHOR BOLTS ABOVE TOP OF FOUNDATION WITH THE BREAKAWAY DEVICE MANUFACTURER'S REQUIREMENTS. IF LIGHT POLE IS MOUNTED WITHOUT BREAKAWAY DEVICE, ANCHOR BOLTS SHALL PROJECT 2 3/4" (69.9 mm) ABOVE TOP OF THE FOUNDATION. THE CONTRACTOR SHALL CONFIRM ANCHOR BOLT EXTENTION WITH ENGINEER.
- RACEWAYS SHALL PROJECT 1" (25.4 mm) ABOVE THE TOP OF THE FOUNDATION.
- THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE THE LIGHT IS ERCTED.



BILL OF MATERIAL

MARK	NO.	SIZE	LENGTH	SHAPE
a	10	6	SEE BELOW	—
s	12	4	8'-0" (2.438 m)	□
s ₁	3	3	7'-6" (2.286 m)	□
v ₁	8	6	2'-9" (0.838 m)	—
v ₂				

OFFSET SCHEDULE

SEWER DIAM. d IN.	PILE OFFSET FROM C-MED'N FT.	LENGTH of BAR a FT.
UP TO 24" (609.6 mm)	3'-3" (0.991 m)	*6 x 5'-3" (1.600 m)
27" (685.8 mm) TO	3'-9" (1.143 m)	5'-9" (1.753 m)
36" (914.4 mm) TO	4'-6" (1.372 m)	6'-6" (1.981 m)
42" (1066.8 mm) TO	5'-0" (1.524 m)	7'-0" (2.134 m)
48" (1219.2 mm) TO	5'-6" (1.676 m)	7'-6" (2.286 m)
54" (1371.6 mm) TO	6'-0" (1.828 m)	8'-0" (2.438 m)
60" (1524.0 mm) TO	6'-6" (1.981 m)	8'-6" (2.591 m)
66" (1676.4 mm) TO	7'-0" (2.134 m)	9'-0" (2.743 m)
72" (1828.8 mm) TO	7'-6" (2.286 m)	9'-6" (2.896 m)

MODEL: Default
FILE NAME: P:\Projects\2021-01-Indian Trail Rd. HR. GreenDesign\SHR-16.dgn

AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Unit 4B
Downers Grove, IL 60516

USER NAME	DESIGNED	REVISIONS
mdetche	MH	
	SR	
	BL	

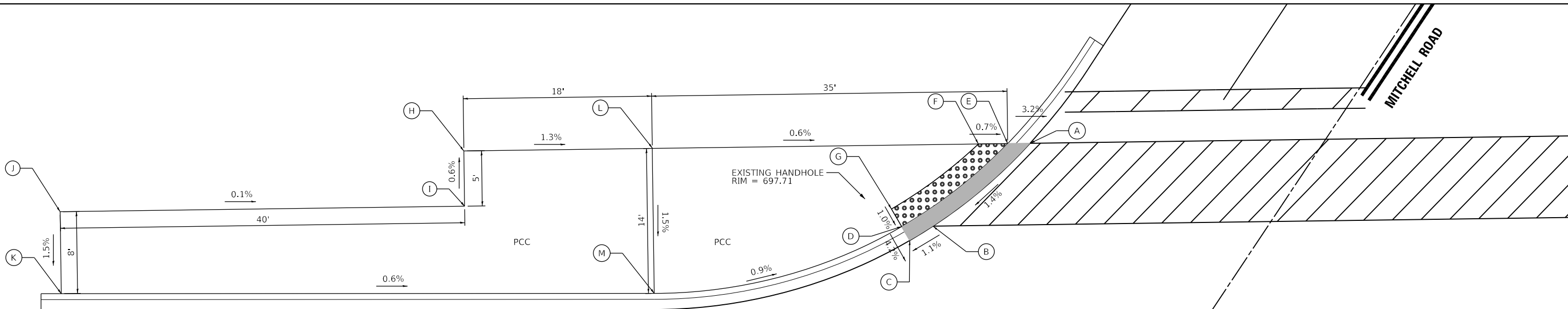
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHT POLE FOUNDATION OFFSET
INDIAN TRIAL ROAD - AURORA

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	175
				CONTRACT NO. 61H85
ILLINOIS / FED. AID PROJECT				

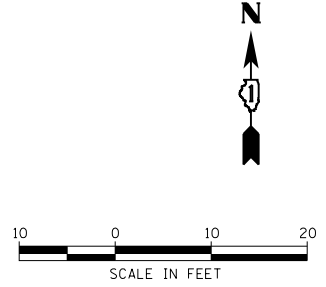
EL-16



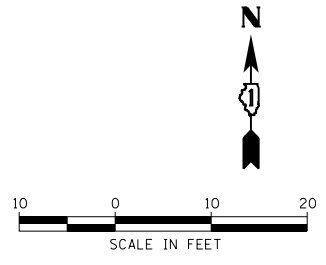
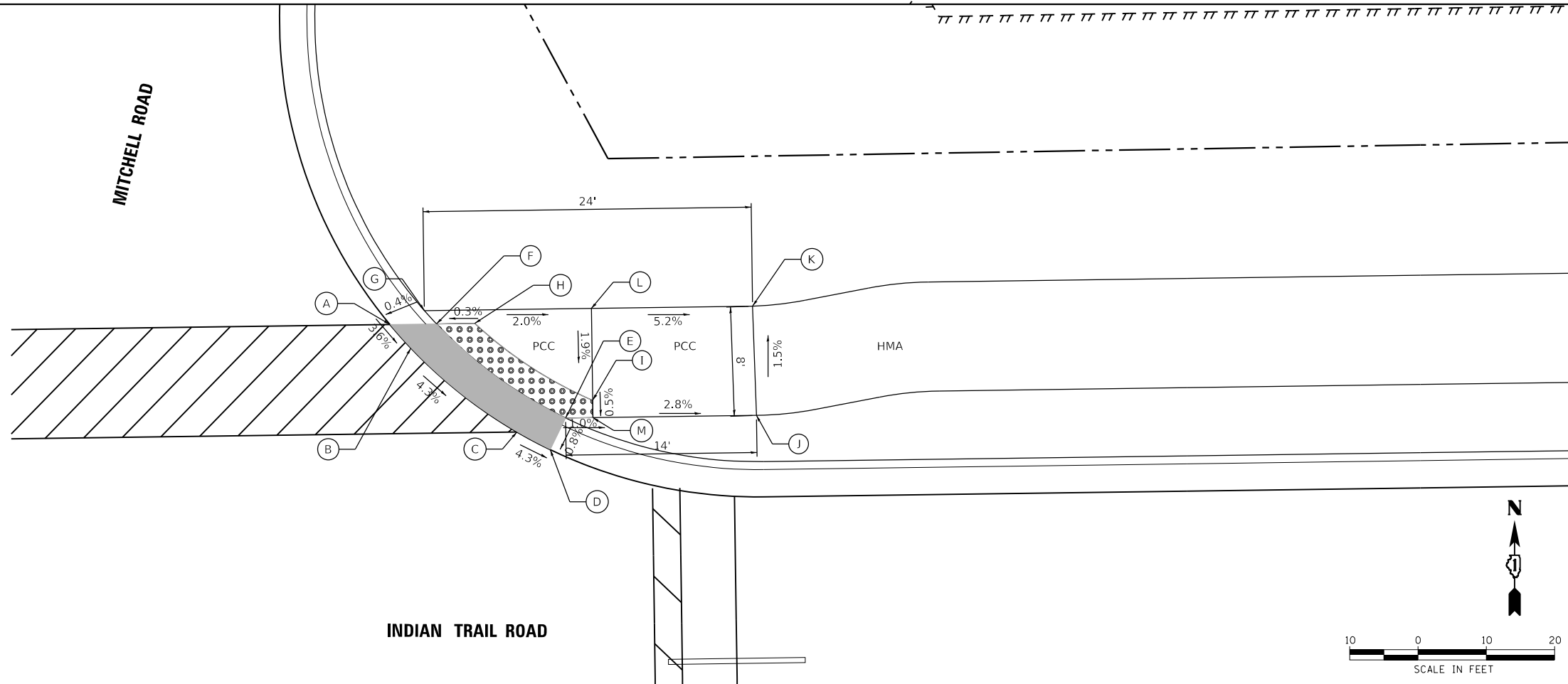
POINT	STATION	OFFSET	ELEVATION
A	15+80.44	43.00' L	697.37
B	15+70.79	35.00' L	697.19
C	15+68.50	33.62' L	697.16
D	15+67.72	35.00' L	697.23
E	15+78.24	43.00' L	697.44
F	15+75.35	43.00' L	697.46
G	15+66.74	36.74' L	697.25
H	15+24.85	43.00' L	697.90
I	15+24.85	37.58' L	697.87
J	14+85.15	37.58' L	697.92
K	14+85.15	29.54' L	697.80

LEGEND

- (A) POINT
- ▨ DETECTABLE WARNINGS
- ▬ CURB DEPRESSION
- () EXISTING ELEVATION/SLOPE
- ▬ PROPOSED SIDE CURB (PAID FOR WITH PCC SIDEWALK)



POINT	STATION	OFFSET	ELEVATION
A	16+78.02	43.00' L	697.32
B	16+78.59	42.31' L	697.29
C	16+87.21	35.00' L	696.80
D	16+89.64	33.67' L	696.68
E	16+90.79	35.98' L	696.70
F	16+81.43	43.00' L	397.32
G	16+80.56	43.98' L	697.11
H	16+84.23	43.00' L	697.33
I	16+91.68	37.77' L	696.71
J	17+04.76	35.98' L	696.38
K	17+04.59	43.98' L	696.26
L	16+92.79	43.98' L	696.87
M	16+92.79	35.98' L	696.72



HRG PROJECT NO. 19189
 HRG PROJ. CONTACT:
 FILE NAME: 19189-177-SRW-02-02.dwg
 PEN TABLE: 19189.tbl

HRGreen.com
 Micro Professional Design Firm
 #184-001322

USER NAME = jstrzal	DESIGNED - KH	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - DMS	REVISED -
PLOT DATE = 3/1/2023	CHECKED - JJS	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS
 INDIAN TRAIL ROAD AND MITCHELL ROAD**

SCALE: 1"=5'
 SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	176
				CONTRACT NO. 61H85
ILLINOIS FED. AID PROJECT				

INDIAN TRAIL ROAD

MITCHELL ROAD

ONLY

EXISTING DOUBLE HANDHOLE
RIM = 696.17

EXISTING HANDHOLE
RIM = 696.94

LEGEND

- (A) POINT
- ▨ DETECTABLE WARNINGS
- ▬ CURB DEPRESSION
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDE CURB (PAID FOR WITH PCC SIDEWALK)

POINT	STATION	OFFSET	ELEVATION
A	14+88.43	93.33' R	695.01
B	14+87.11	92.45' R	695.45
C	14+81.70	88.86' R	695.55
D	14+81.67	86.97' R	695.58
E	14+78.75	75.21' R	695.91
F	14+90.31	72.88' R	696.24
G	14+92.72	63.24' R	696.49
H	14+90.28	49.13' R	695.31
I	14+78.10	46.92' R	697.35
J	14+72.26	48.30' R	697.42
K	14+70.19	39.50' R	697.32
L	14+70.19	29.61' R	697.21
M	14+70.19	28.04' R	696.77
N	14+76.04	38.20' R	697.25
O	14+94.02	36.66' R	696.01
P	14+92.89	37.76' R	696.08
Q	14+95.17	37.78' R	695.95
R	14+98.42	44.64' R	695.76
S	14+99.78	43.84' R	695.69
T	15+66.79	44.68' R	696.05
U	15+73.90	38.77' R	696.20
V	15+77.19	36.70' R	696.25
W	15+78.65	38.83' R	696.25
X	15+68.62	46.50' R	696.05
Y	15+57.93	56.13' R	695.89
Z	15+60.11	57.62' R	696.27
AA	15+65.01	60.98' R	696.36
BB	15+67.99	56.63' R	696.43
CC	15+82.85	43.37' R	696.73
DD	16+02.18	38.58' R	697.09
EE	14+91.53	39.22' R	696.09
FF	14+96.70	45.66' R	695.77
GG	15+70.03	47.92' R	696.06
HH	15+79.64	40.57' R	696.26
II	14+86.88	44.38' R	696.21



HRG PROJECT NO.: 191891
 HRG PROJ. CONTACT:
 FILE NAME: 191891-191891-SRW-02.dgn
 PEN TABLE: 191891.tbl



USER NAME = jstrzal	DESIGNED - KH	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - JJS	REVISED -
PLOT DATE = 3/1/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS
INDIAN TRAIL ROAD AND MITCHELL ROAD**

SCALE: 1"=5' SHEET 2 OF 5 SHEETS STA. TO STA.

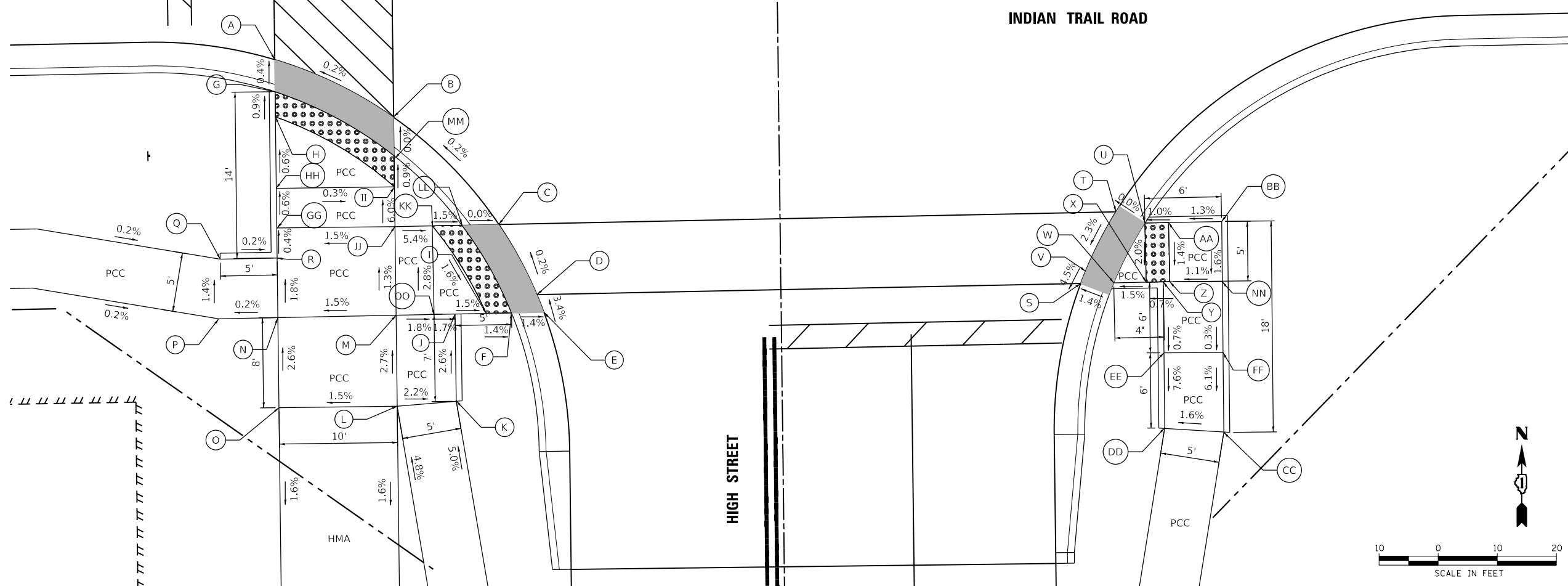
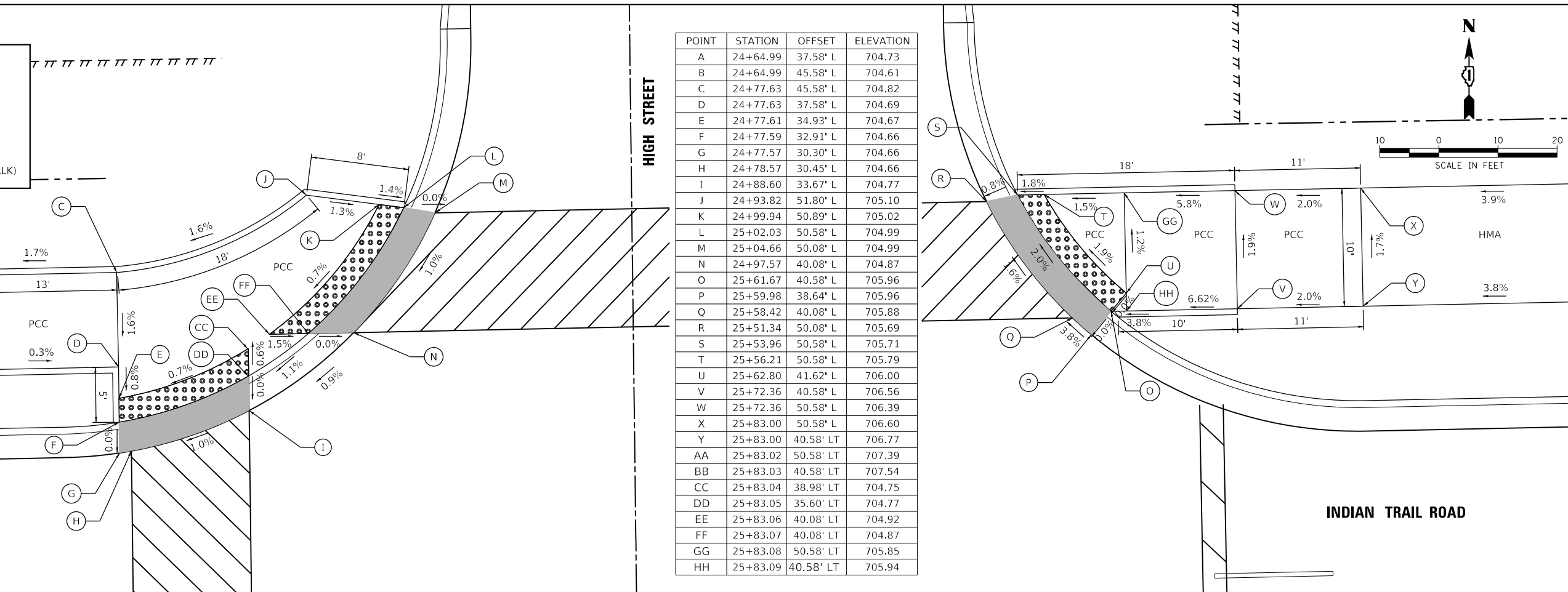
F.A.U. RTE. 1503	SECTION 06-00260-02-PV	COUNTY KANE	TOTAL SHEETS 227	SHEET NO. 177
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				

LEGEND

- (A) POINT
- DETECTABLE WARNINGS
- CURB DEPRESSION
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDE CURB (PAID FOR WITH PCC SIDEWALK)

POINT	STATION	OFFSET	ELEVATION
A	24+64.99	37.58' L	704.73
B	24+64.99	45.58' L	704.61
C	24+77.63	45.58' L	704.82
D	24+77.63	37.58' L	704.69
E	24+77.61	34.93' L	704.67
F	24+77.59	32.91' L	704.66
G	24+77.57	30.30' L	704.66
H	24+78.57	30.45' L	704.66
I	24+88.60	33.67' L	704.77
J	24+93.82	51.80' L	705.10
K	24+99.94	50.89' L	705.02
L	25+02.03	50.58' L	704.99
M	25+04.66	50.08' L	704.99
N	24+97.57	40.08' L	704.87
O	25+61.67	40.58' L	705.96
P	25+59.98	38.64' L	705.96
Q	25+58.42	40.08' L	705.88
R	25+51.34	50.08' L	705.69
S	25+53.96	50.58' L	705.71
T	25+56.21	50.58' L	705.79
U	25+62.80	41.62' L	706.00
V	25+72.36	40.58' L	706.56
W	25+72.36	50.58' L	706.39
X	25+83.00	50.58' L	706.60
Y	25+83.00	40.58' LT	706.77
AA	25+83.02	50.58' LT	707.39
BB	25+83.03	40.58' LT	707.54
CC	25+83.04	38.98' LT	704.75
DD	25+83.05	35.60' LT	704.77
EE	25+83.06	40.08' LT	704.92
FF	25+83.07	40.08' LT	704.87
GG	25+83.08	50.58' LT	705.85
HH	25+83.09	40.58' LT	705.94

POINT	STATION	OFFSET	ELEVATION
A	24+78.07	31.67' R	704.51
B	24+88.03	36.73' R	704.53
C	24+96.74	46.00' R	704.55
D	24+99.84	52.00' R	704.56
E	25+00.40	53.50' R	704.65
F	24+97.60	53.50' R	704.72
G	24+78.04	34.40' R	704.52
H	24+78.03	36.52' R	704.54
I	24+95.50	53.50' R	704.72
J	24+92.89	53.50' R	704.76
K	24+92.83	60.84' R	704.95
L	24+87.83	61.19' R	705.06
M	24+87.89	53.50' R	704.85
N	24+77.89	53.50' R	704.70
O	24+77.83	61.11' R	705.08
P	24+72.89	53.50' R	704.69
Q	24+73.11	48.46' R	704.62
R	24+77.93	48.46' R	704.61
S	25+45.85	52.00' R	705.06
T	25+48.95	46.00' R	705.24
U	25+51.38	47.00' R	705.24
V	25+46.28	50.97' R	705.11
W	25+48.65	52.00' R	705.10
X	25+51.38	52.00' R	705.14
Y	25+52.83	52.00' R	705.15
Z	25+53.38	52.00' R	705.16
AA	25+53.38	47.00' R	705.26
BB	25+57.88	47.00' R	705.45
CC	25+57.70	64.83' R	705.15
DD	25+52.70	64.36' R	705.07
EE	25+52.70	58.00' R	705.11
FF	25+57.70	58.00' R	705.26
GG	24+77.95	45.91' R	704.6
HH	24+78.02	42.59' R	704.58
II	24+87.98	42.65' R	704.55
JJ	24+87.95	46.00' R	704.75
KK	24+91.10	46.00' R	704.58
LL	24+93.61	46.00' R	704.55
MM	24+88.00	704.53' R	704.53
NN	25+57.83	705.24' R	705.24
OO	24+91.10	704.79' R	704.79



HRG PROJECT NO. 191891
 HRG PROJ. CONTACT:
 FILE NAME: 191891-117-117-117-117.dgn
 PEN TABLE: 191891.tbl



USER NAME = jstrzal
 PLOT SCALE = 10.0000" / in.
 PLOT DATE = 3/1/2023

DESIGNED - KH
 DRAWN - DMS
 CHECKED - JJS
 DATE -

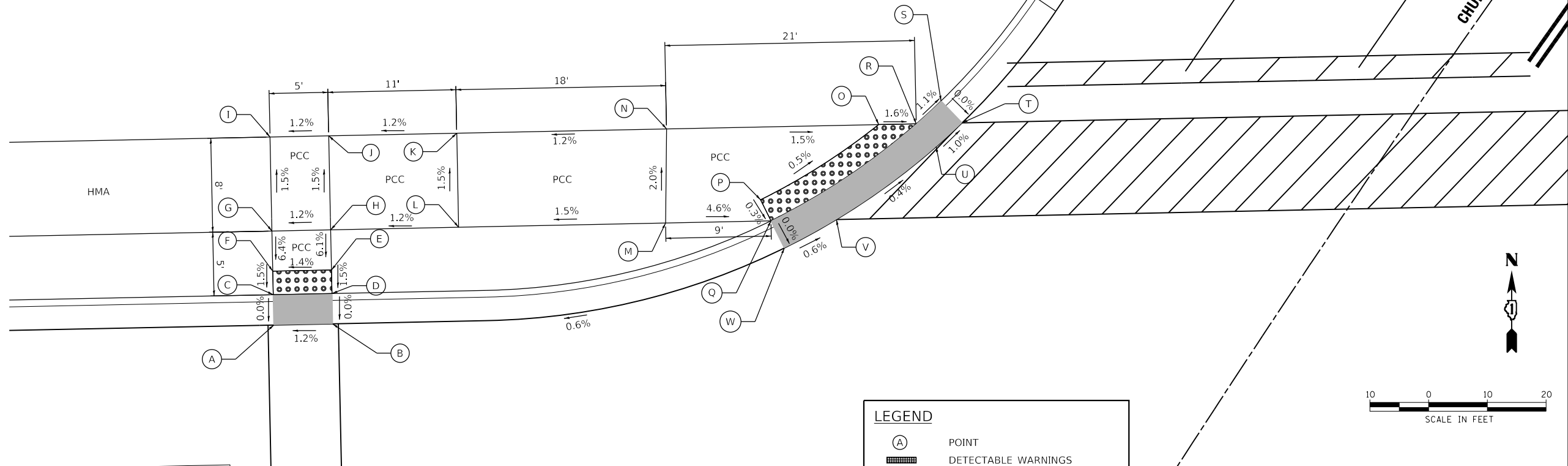
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
 INDIAN TRAIL ROAD AND HIGH STREET

SCALE: 1"=5' SHEET 3 OF 5 SHEETS STA. TO STA.

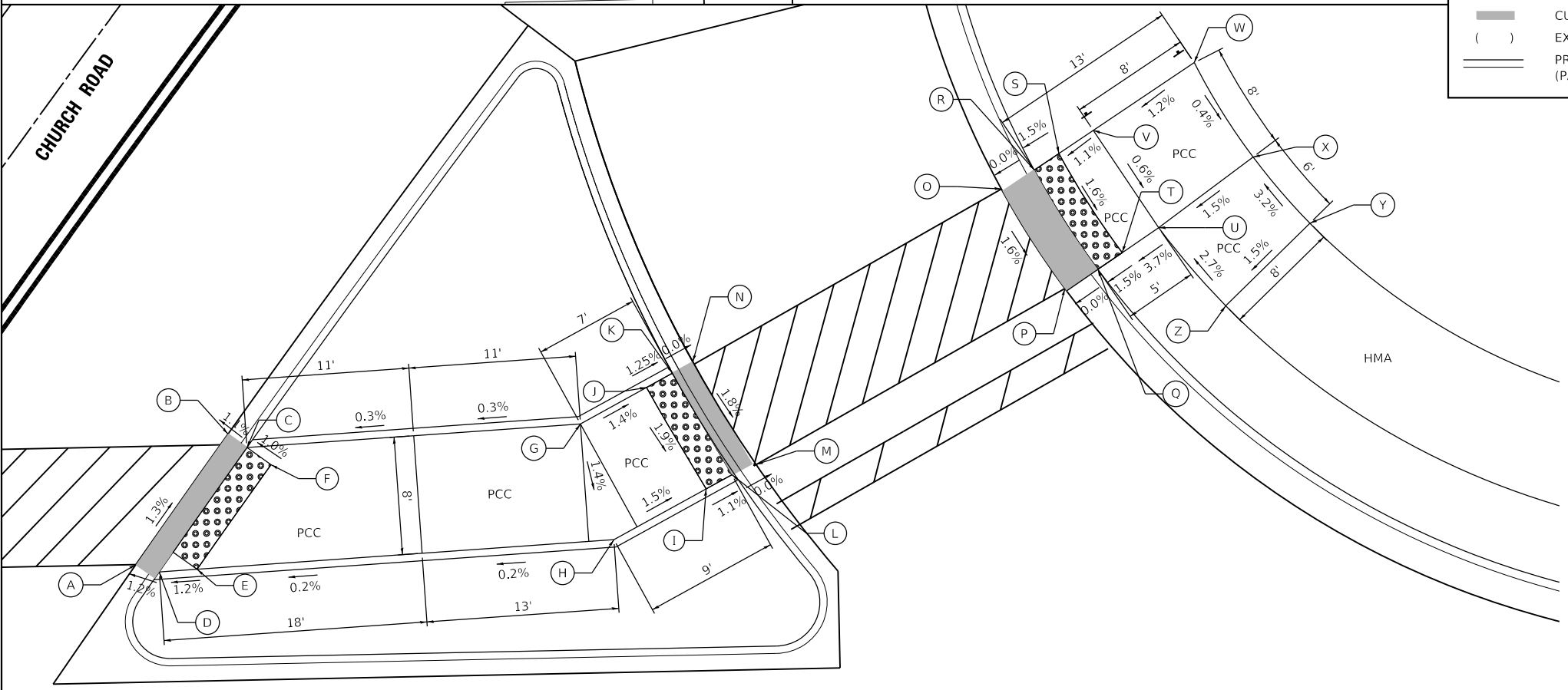
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	178
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				

POINT	STATION	OFFSET	ELEVATION
A	38+63.47	30.00' L	747.08
B	38+69.47	30.00' L	747.15
C	38+63.97	32.58' L	747.08
D	38+68.97	32.58' L	747.15
E	38+68.97	34.58' L	747.18
F	38+63.97	34.58' L	747.11
G	38+63.97	38.00' L	747.33
H	38+68.97	38.00' L	747.39
I	38+63.97	46.00' L	747.21
J	38+68.97	46.00' L	747.27
K	38+79.88	46.00' L	747.40
L	38+79.88	38.00' L	747.52
M	38+97.50	38.00' L	747.78
N	38+97.75	46.00' L	747.62
O	39+15.82	46.00' L	747.35
P	39+05.63	39.81' L	747.38
Q	39+06.48	38.00' L	747.37
R	39+19.02	46.00' L	747.30
S	39+21.16	47.89' L	747.27
T	39+22.92	46.00' L	747.27
U	39+20.67	44.02' L	747.30
V	39+12.06	38.00' L	747.34
W	39+07.57	35.66' L	747.37



LEGEND

- (A) POINT
- [Hatched Box] DETECTABLE WARNINGS
- [Shaded Box] CURB DEPRESSION
- () EXISTING ELEVATION/SLOPE
- [Line] PROPOSED SIDE CURB (PAID FOR WITH PCC SIDEWALK)



POINT	STATION	OFFSET	ELEVATION
A	39+83.90	38.00' L	747.89
B	39+89.78	46.00' L	748.02
C	39+91.59	45.78' L	748.04
D	39+85.46	37.46' L	747.91
E	39+88.03	37.59' L	747.94
F	39+93.22	44.66' L	748.12
G	40+14.24	46.93' L	748.10
H	40+16.35	39.02' L	747.99
I	40+22.68	42.34' L	747.88
J	40+18.78	49.31' L	748.03
K	40+20.55	50.24' L	748.01
L	40+24.45	43.27' L	747.86
M	40+26.10	43.92' L	747.86
N	40+22.03	50.82' L	748.01
O	40+43.12	62.29' L	748.04
P	40+47.29	55.44' L	747.91
Q	40+49.56	56.70' L	747.91
R	40+45.38	63.53' L	748.04
S	40+47.07	64.61' L	748.07
T	40+51.23	57.80' L	747.94
U	40+53.74	59.45' L	748.05
V	40+49.44	66.14' L	748.10
W	40+56.38	70.60' L	748.20
X	40+60.24	64.11' L	748.17
Y	40+64.01	59.54' L	748.36
Z	40+58.18	54.05' L	748.24

HRG PROJECT NO: 19189
 HRG PROJ CONTACT:
 FILE NAME: 09189-571-swr-ampas-04.dgn
 PEN TABLE: 10/10/2021



USER NAME = jstrzal	DESIGNED - KH	REVISED -
	DRAWN - DMS	REVISED -
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PLOT DATE = 3/1/2023	DATE -	REVISED -

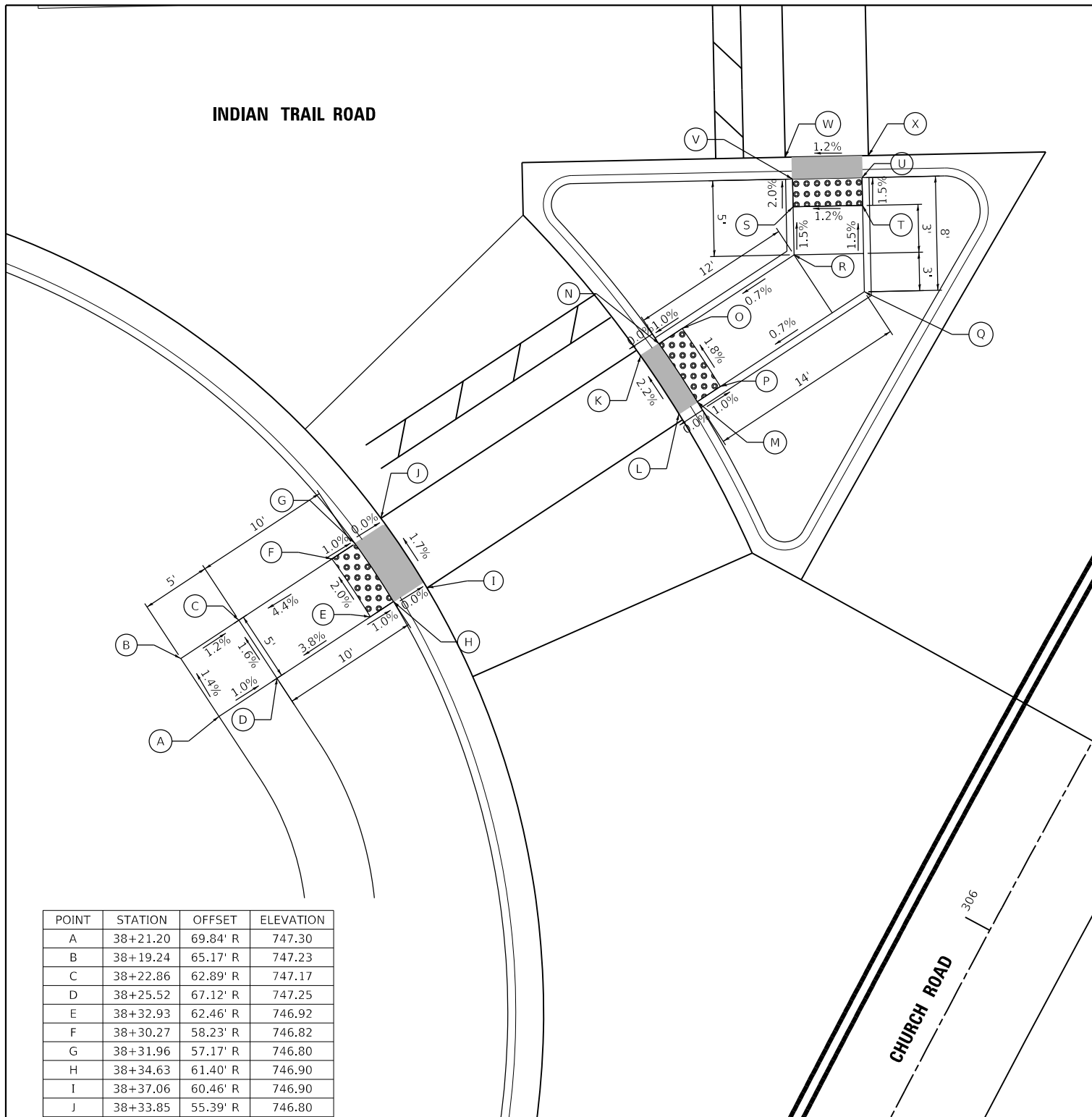
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS
INDIAN TRAIL ROAD AND CHURCH ROAD**

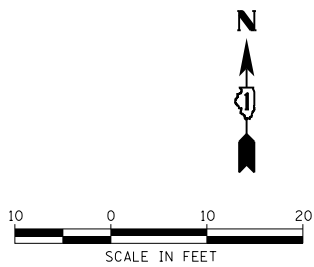
SCALE: 1"=5' SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	179
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				

INDIAN TRAIL ROAD



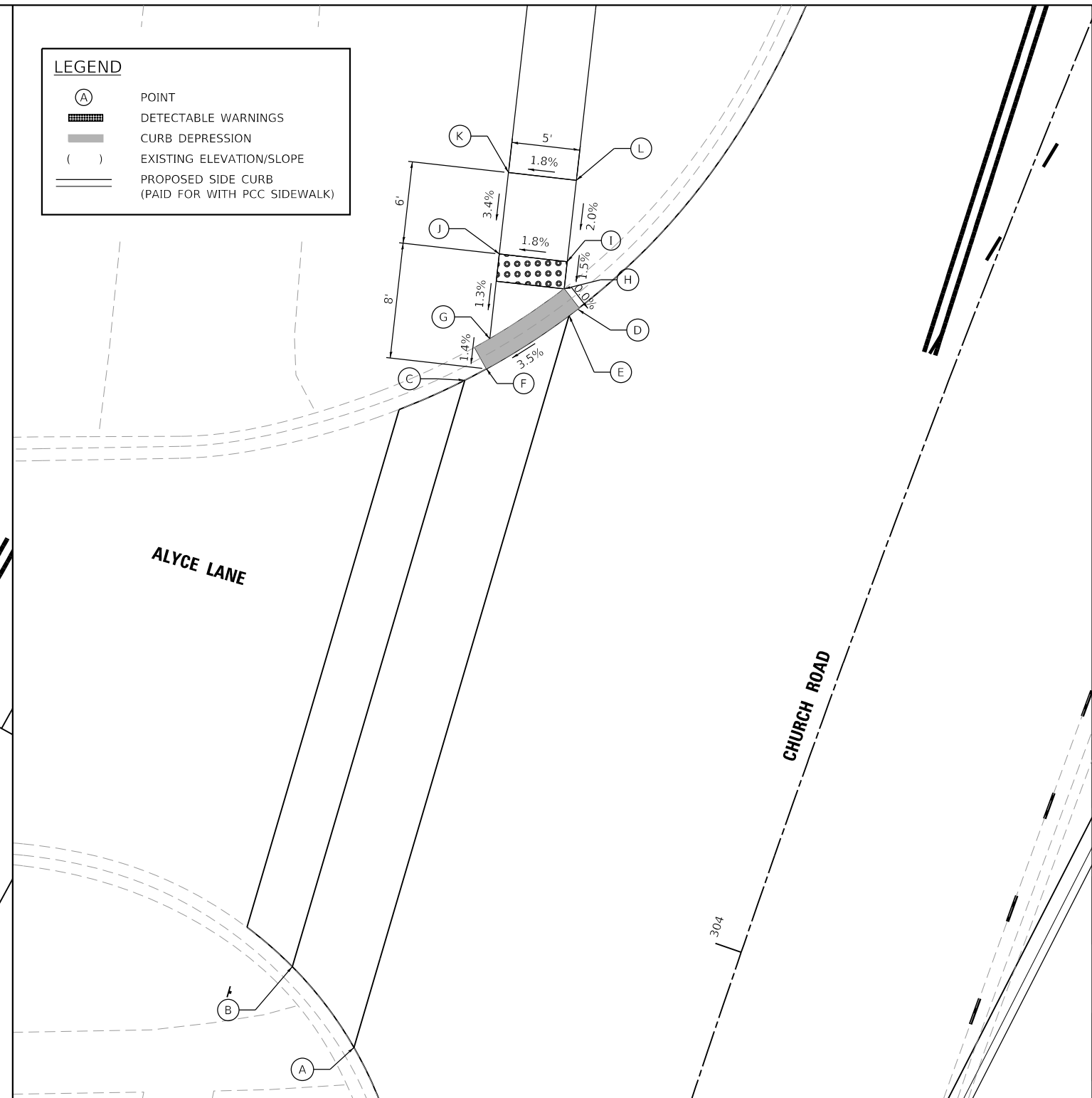
POINT	STATION	OFFSET	ELEVATION
A	38+21.20	69.84' R	747.30
B	38+19.24	65.17' R	747.23
C	38+22.86	62.89' R	747.17
D	38+25.52	67.12' R	747.25
E	38+32.93	62.46' R	746.92
F	38+30.27	58.23' R	746.82
G	38+31.96	57.17' R	746.80
H	38+34.63	61.40' R	746.90
I	38+37.06	60.46' R	746.90
J	38+33.85	55.39' R	746.80
K	38+52.49	43.66' R	747.15
L	38+55.70	48.73' R	747.28
M	38+56.79	47.46' R	747.28
N	38+54.12	43.23' R	747.15
O	38+55.81	42.17' R	747.17
P	38+58.48	46.40' R	747.26
Q	38+68.97	39.80' R	747.34
R	38+63.97	37.04' R	747.24
S	38+63.97	33.58' R	747.19
T	38+68.97	33.58' R	747.25
U	38+68.97	31.58' R	747.22
V	38+63.97	31.58' R	747.15
W	38+63.47	30.00' R	747.08
X	38+69.47	30.00' R	747.15



LEGEND

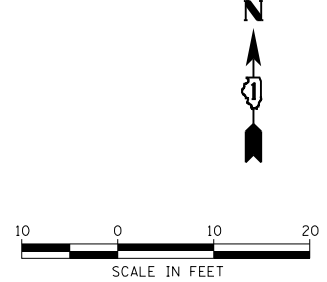
- (A) POINT
- [Hatched Box] DETECTABLE WARNINGS
- [Shaded Box] CURB DEPRESSION
- () EXISTING ELEVATION/SLOPE
- [Solid Line] PROPOSED SIDE CURB (PAID FOR WITH PCC SIDEWALK)

ALYCE LANE



POINT	STATION	OFFSET	ELEVATION
A	303+84.52	24.66' L	747.55
B	303+88.63	30.81' L	747.24
C	304+32.19	33.16' L	747.88
D	304+39.15	27.67' L	748.20
E	304+38.47	28.12' L	748.17
F	304+33.50	31.97' L	747.98
G	304+35.59	32.51' L	720.00
H	304+40.80	28.71' L	748.20
I	304+42.69	29.20' L	748.23
J	304+41.49	34.02' L	748.06
K	304+47.13	35.55' L	748.26
L	304+48.36	30.72' L	748.35

NOTE:
SIDEWALK RAMP AT SOUTHWEST CORNER OF CHURCH ROAD AND ALYCE LANE MEETS ADA GUIDELINES.



HRG PROJECT NO. 191891
 HRG PROJ. CONTACT:
 FILE NAME: 091891-191891-191891-191891-191891.dwg
 PEN TABLE: 191891.tbl



USER NAME = jstrzal
 DESIGNED - KH
 DRAWN - DMS
 CHECKED - JJS
 DATE -
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 3/1/2023

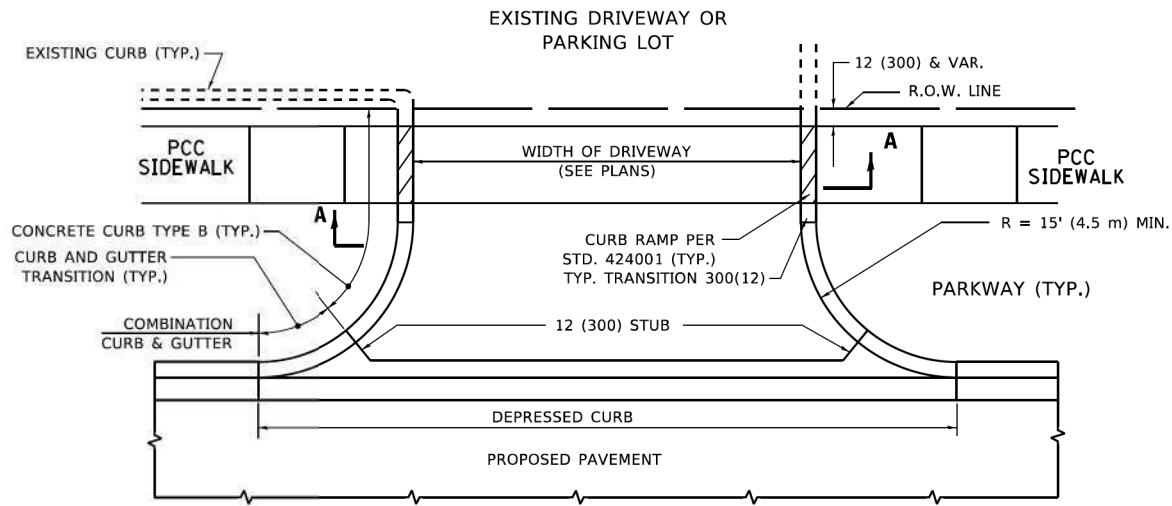
DESIGNED - KH
 DRAWN - DMS
 CHECKED - JJS
 DATE -
 REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

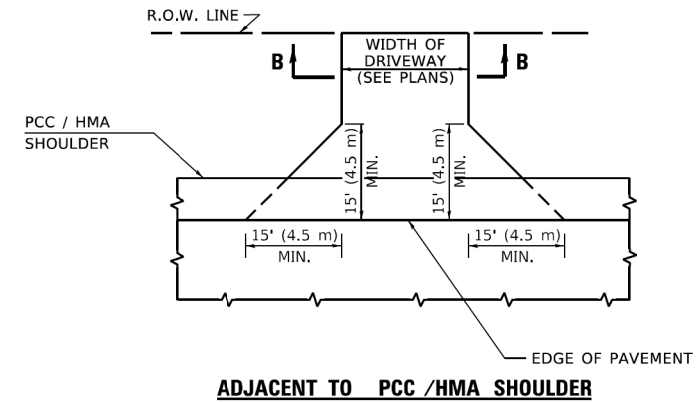
**SIDEWALK RAMP DETAILS
INDIAN TRAIL ROAD AND CHURCH ROAD**

SCALE: 1"=5' SHEET 5 OF 5 SHEETS STA. TO STA.

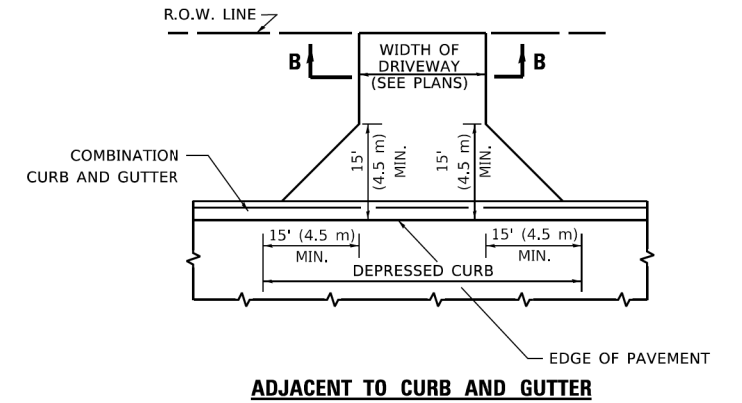
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CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				



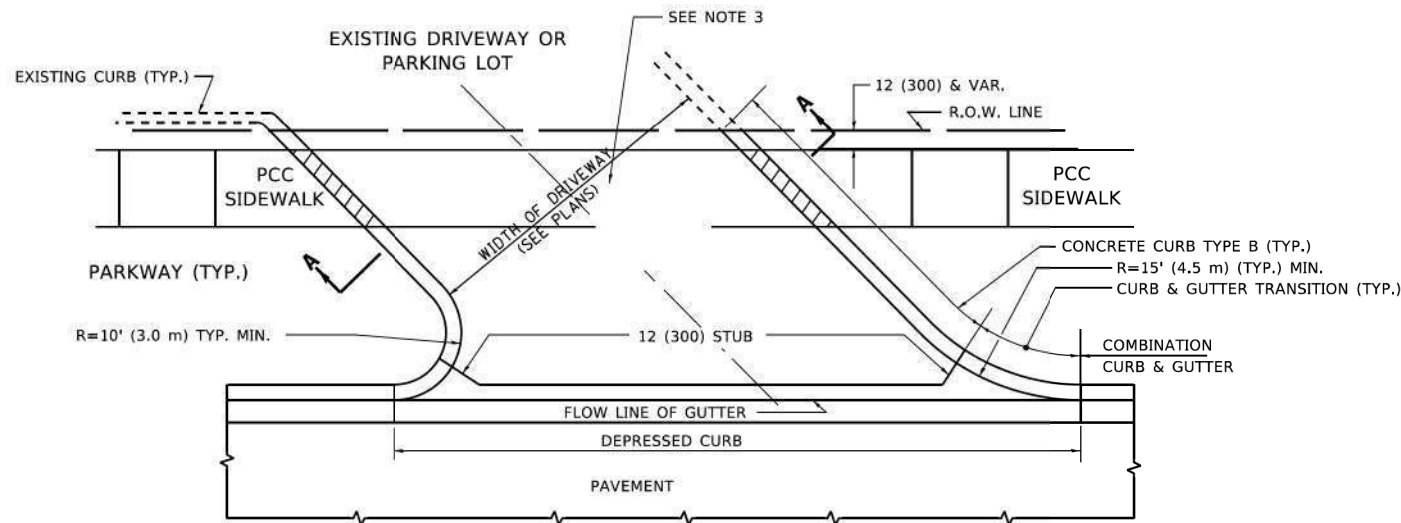
WITH CONCRETE CURB, TYPE B



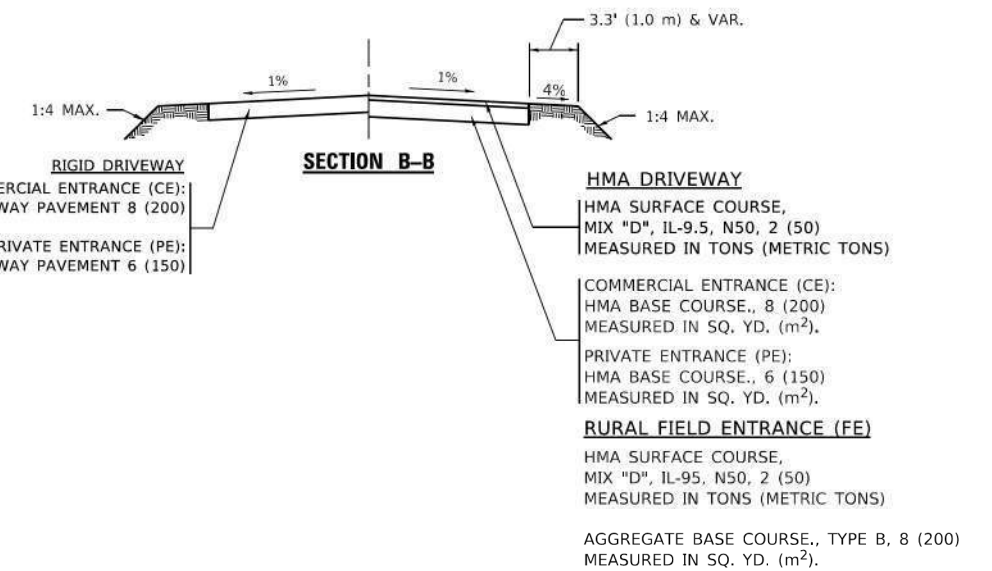
ADJACENT TO PCC /HMA SHOULDER



ADJACENT TO CURB AND GUTTER

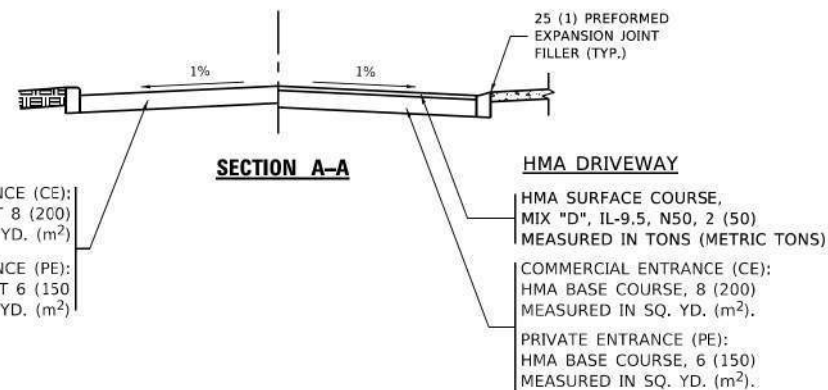


WITH CONCRETE CURB, TYPE B



GENERAL NOTES

- DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.
- COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.



ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

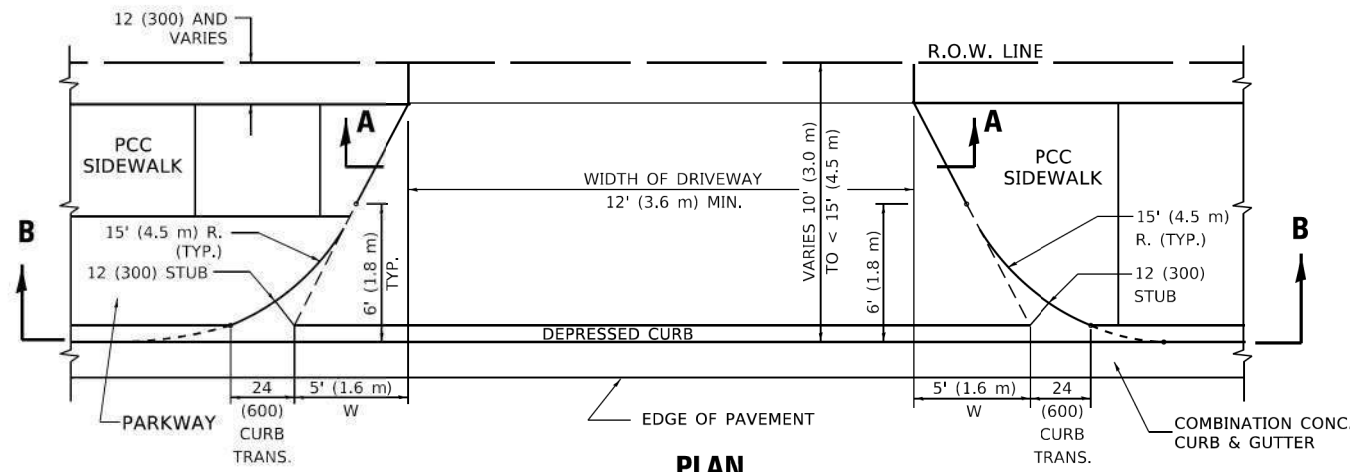
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	DRAWN -	REVISED - R. BORO 09-06-11
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - K. SMITH 08-28-19
PLOT DATE = 2/2/2022	DATE - 11-04-95	REVISED - K. SMITH 02-01-22

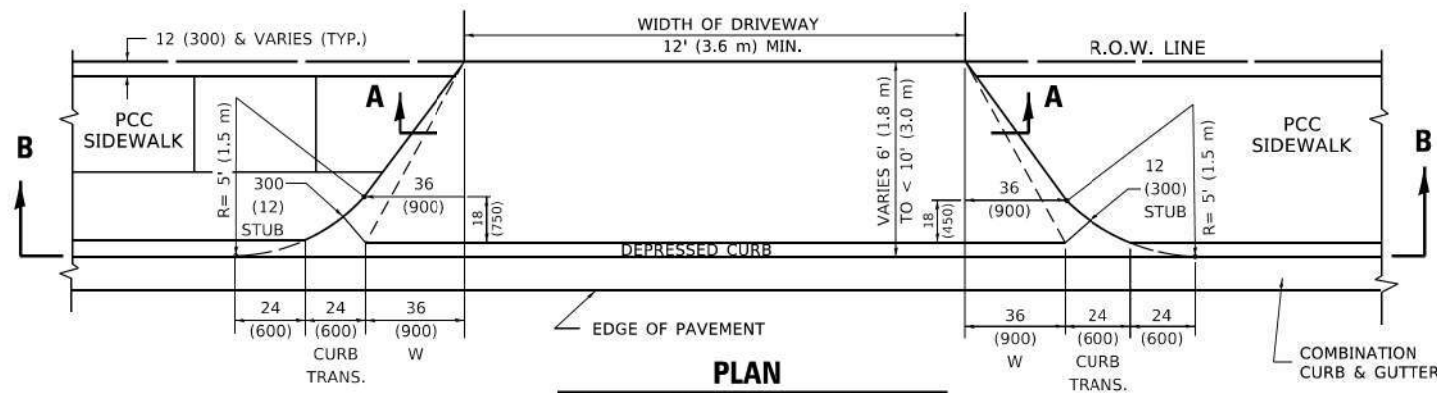
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER ≥ 15'(4.5m)			
SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	

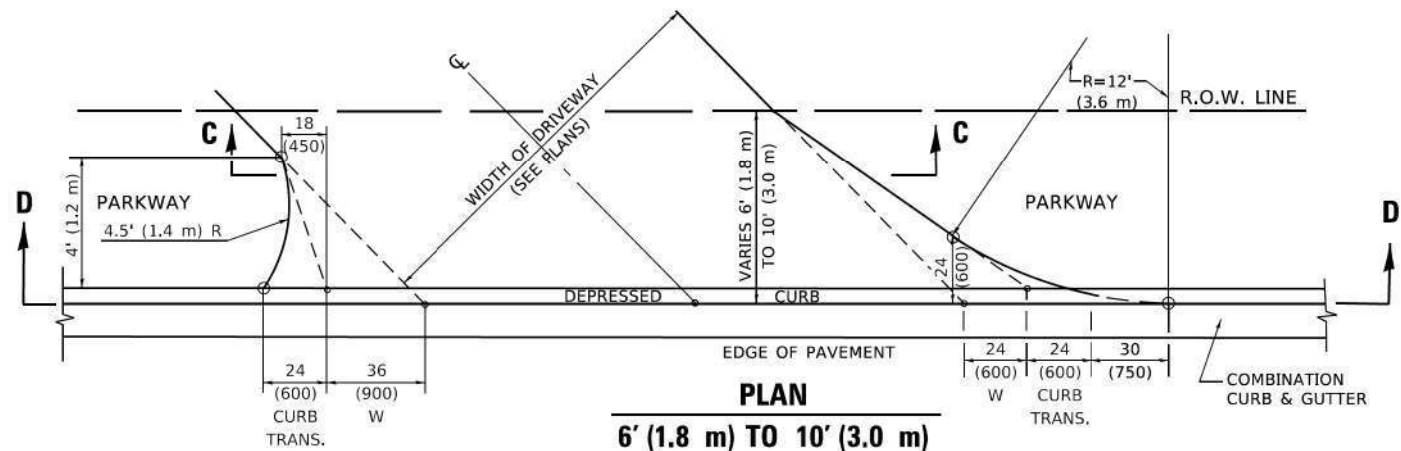
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BD400-01 (BD-01)			CONTRACT NO. 61H85	
ILLINOIS FED. AID PROJECT				



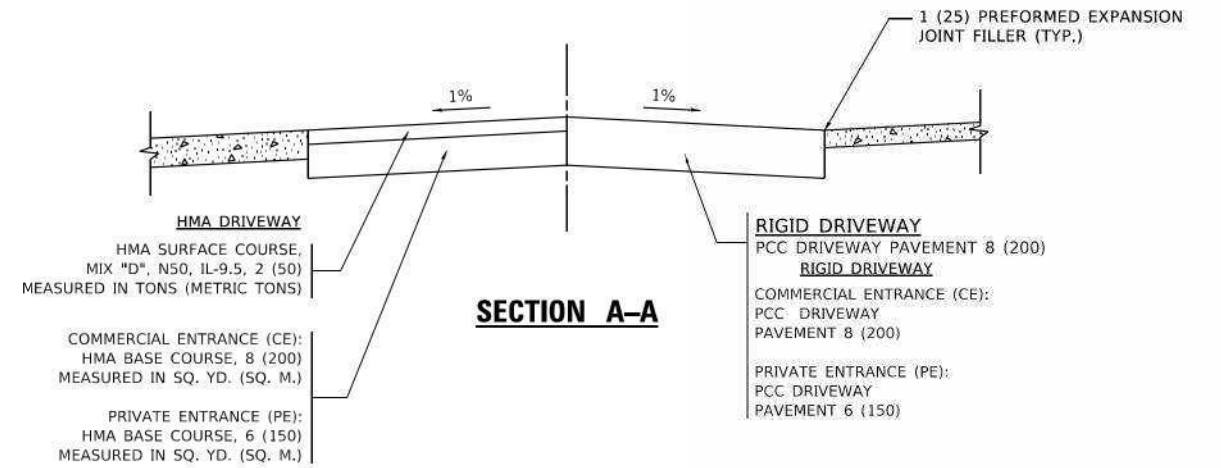
PLAN
10' (3.0 m) TO < 15' (4.5 m)



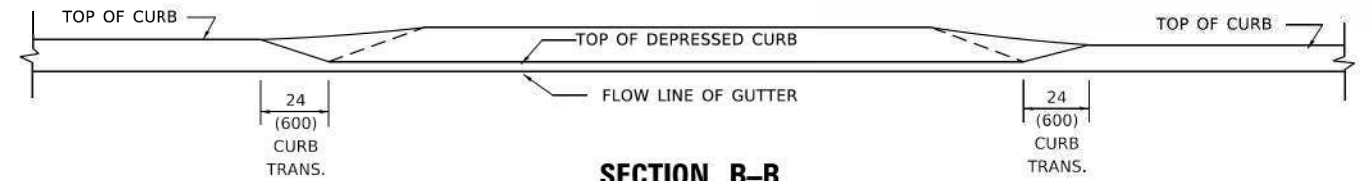
PLAN
6' (1.8 m) TO < 10' (3.0 m)



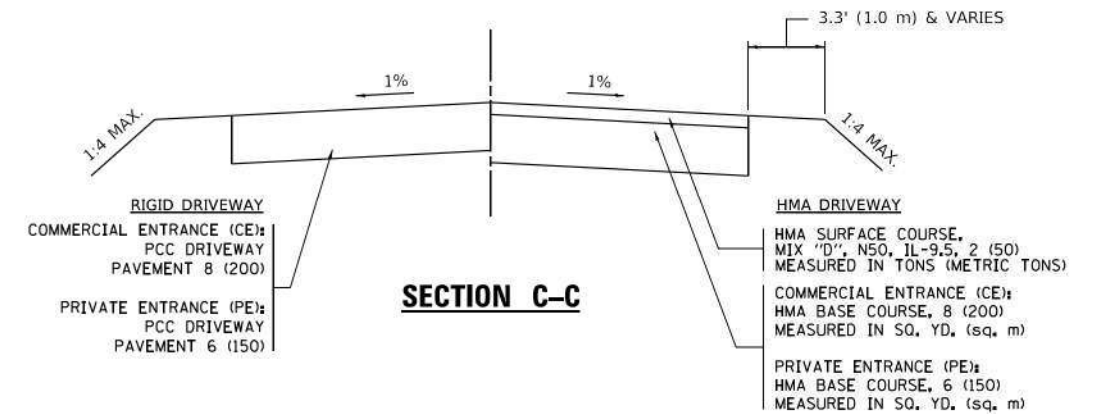
PLAN
6' (1.8 m) TO 10' (3.0 m)



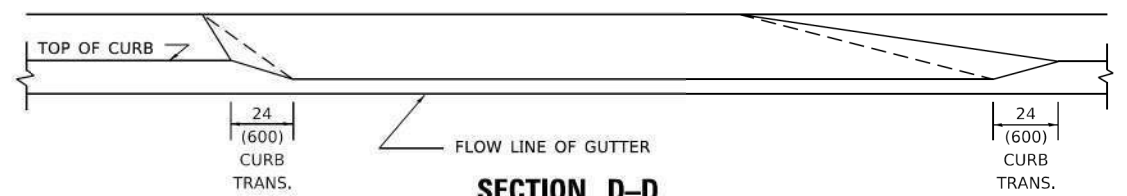
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

GENERAL NOTES

1. DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.
2. WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE PCC SIDEWALK SHALL EXTEND TO THE BACK OF CURB.
3. "W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

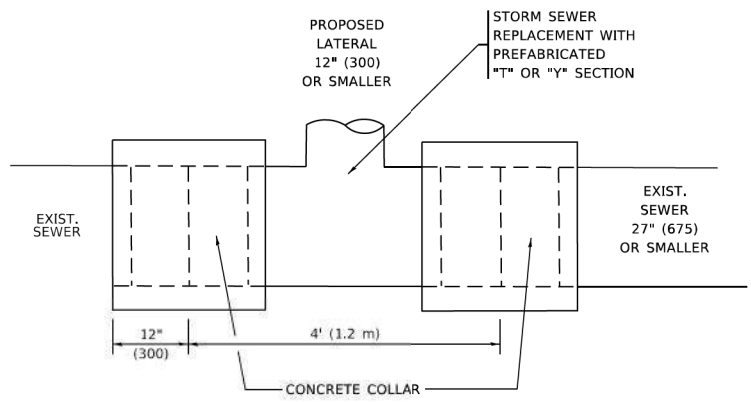
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5m)

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

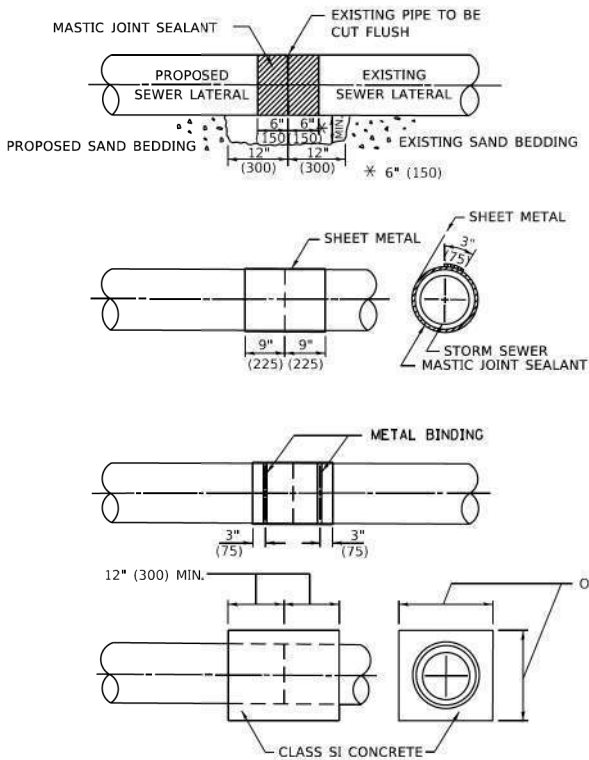
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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BD400-02 (BD-02)		CONTRACT NO.	61H85	
ILLINOIS FED. AID PROJECT				

USER NAME = demanchelt	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07
	DRAWN -	REVISED - R. BORO 09-06-11
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - K. SMITH 08-27-19
PLOT DATE = 2/2/2022	DATE - 11-06-95	REVISED - K. SMITH 02-01-22



DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER

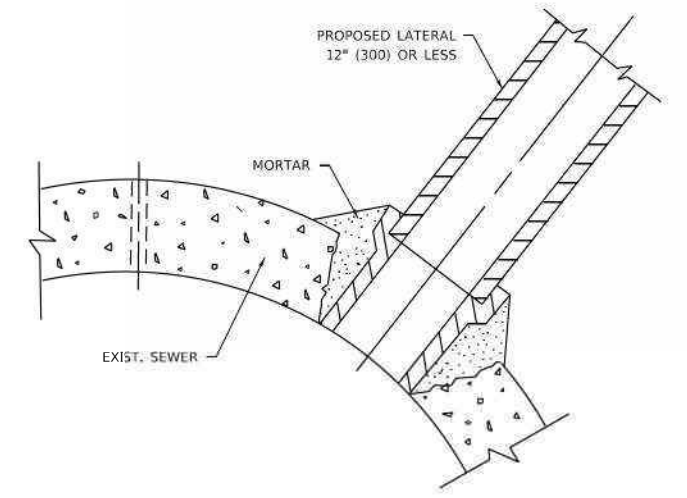


DETAIL "B"

CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' x 6' (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C"

PROPOSED LATERAL CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER

NOTES:

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

1. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
2. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
 - A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
 - B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

1. CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.
2. CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

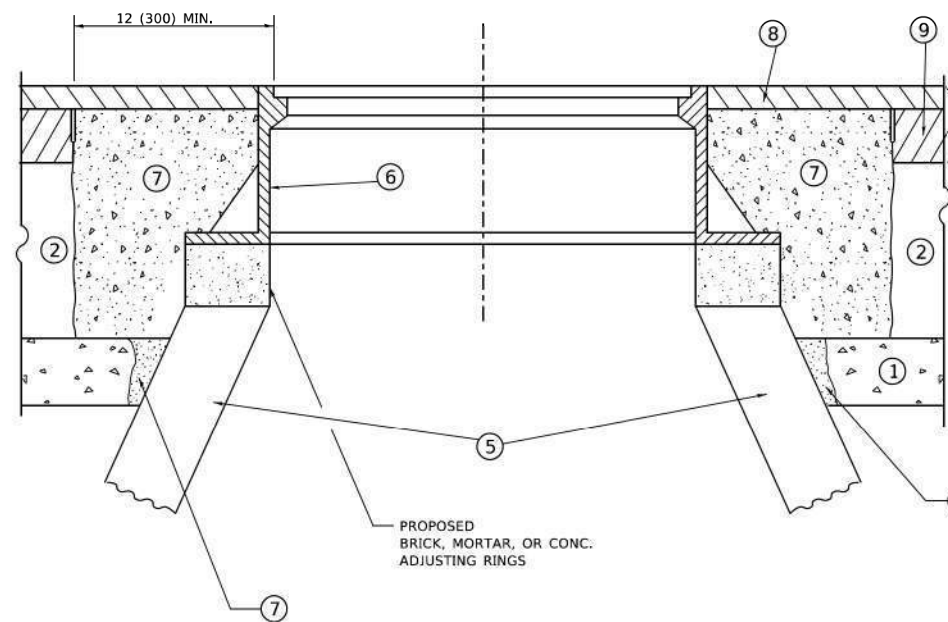
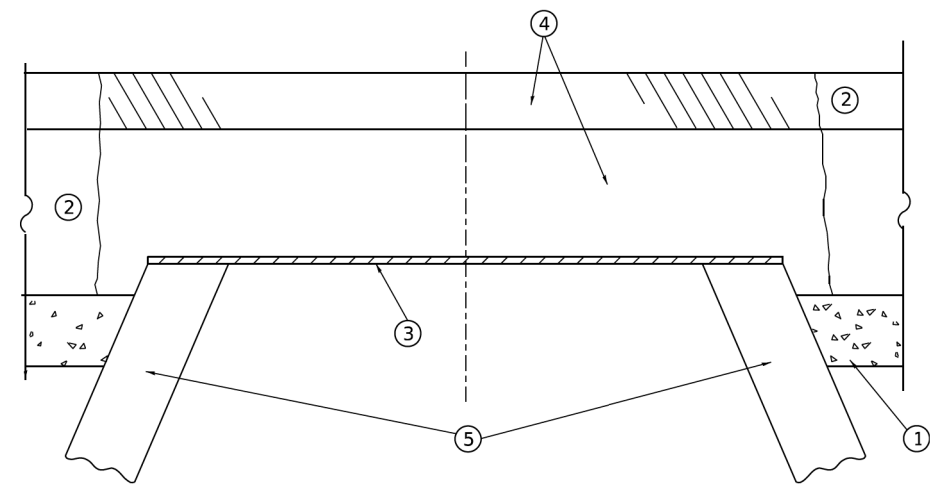
BASIS OF PAYMENT

1. TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.
2. TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.
3. CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

* ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

MODEL Detail FILE Name: W:\GIS\22-34\0607.dgn

USER NAME = demanchelt	DESIGNED - M. DE YONG	REVISED - R. SHAH 09-09-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
DRAWN -	REVISOR - R. SHAH 10-25-94	REVISED - R. SHAH 06-12-96		SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	1503	06-00260-02-PV	KANE	227	183
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - K. SMITH 02-01-22				BD500-01 (BD-07)		CONTRACT NO. 61H85			
PLOT DATE = 2/2/2022	DATE - 07-25-90					ILLINOIS		FED. AID PROJECT			



**DETAILS FOR FRAMES AND LIDS ADJUSTMENT
WITH MILLING**

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 1 1/2 (40) HMA TO REMAIN AFTER MILLING).

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS*PP-1 CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

- | | |
|--|-------------------------------|
| ① SUB-BASE GRANULAR MATERIAL | ⑥ FRAME AND LID (SEE NOTES) |
| ② EXISTING PAVEMENT | ⑦ CLASS*PP-1 CONCRETE |
| ③ 36 (900) DIAMETER METAL PLATE | ⑧ PROPOSED HMA SURFACE COURSE |
| ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX | ⑨ PROPOSED HMA BINDER COURSE |
| ⑤ EXISTING STRUCTURE | |

LOCATION OF STRUCTURES

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT

- 1. REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."
- 2. THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
- 3. NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
- 4. WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

NOTES

- 1. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
- 2. IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.
- 3. CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
- 4. THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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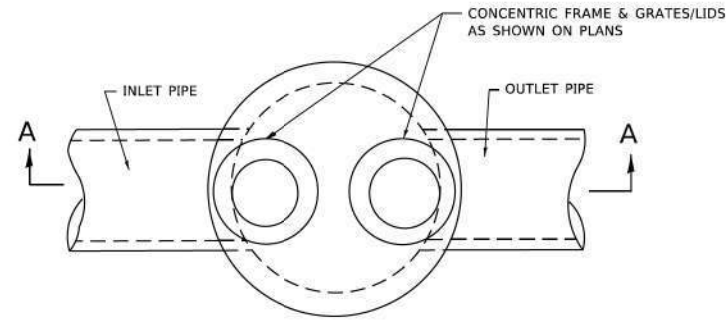
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	DRAWN -	REVISED - R. BORO 03-09-11
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PLOT DATE = 2/2/2022	DATE - 10-25-94	REVISED - K. SMITH 02-01-22

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

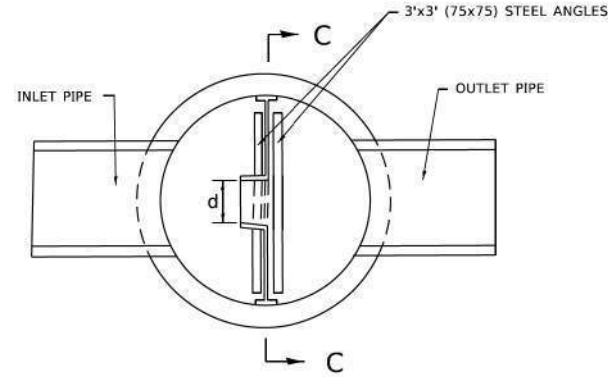
**DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

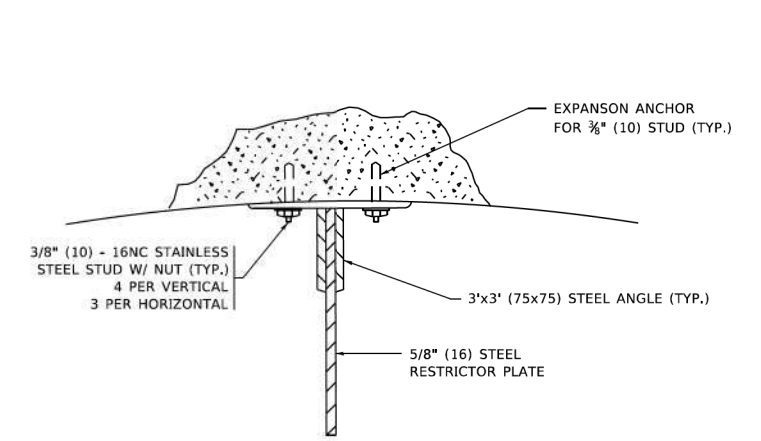
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	184
BD600-03 (BD-08)			CONTRACT NO. 61H85	
ILLINOIS FED. AID PROJECT				



PLAN



SECTION B-B



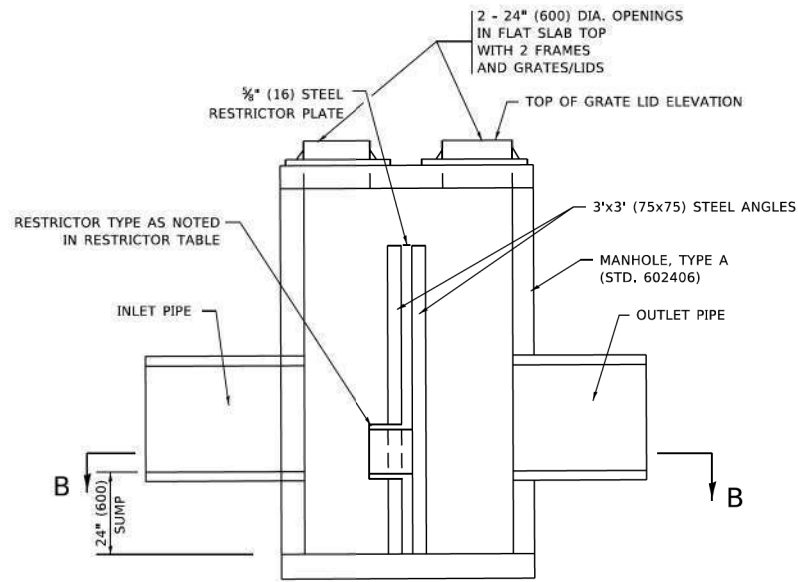
ANGLE FASTENER DETAIL

NOTES:

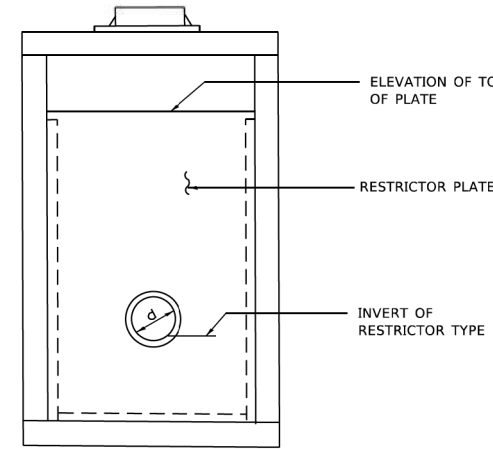
1. ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.

BASIS OF PAYMENT:

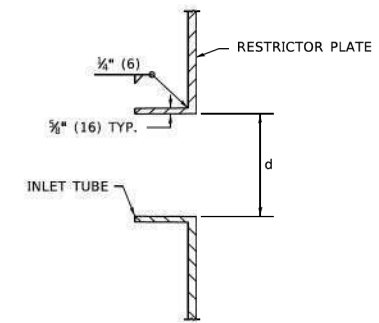
1. TO BE PAID FOR AS "MANHOLES, TYPE A, 6 FT. (1.8 m)-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE" EACH
2. ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.



SECTION A-A

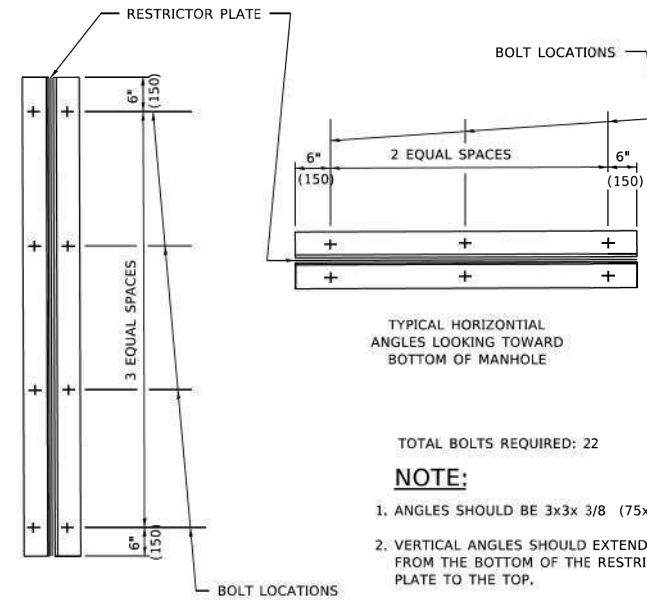


SECTION C-C



INLET TUBE DETAIL

STATION AND OFFSET	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER in. (mm) (d)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW
19+10	6 FT	2-T1FCL	3	6	689.55	692.88
30+00	7 FT	2-T1FCL	3	9	711.50	716.00
41+04.07	6 FT	2-T1FCL	3	14	740.63	743.00



TYPICAL VERTICAL ANGLES LOOKING TOWARD MANHOLE WALL

TYPICAL HORIZONTAL ANGLES LOOKING TOWARD BOTTOM OF MANHOLE

TOTAL BOLTS REQUIRED: 22

NOTE:

1. ANGLES SHOULD BE 3x3x 3/8 (75x75x75)
2. VERTICAL ANGLES SHOULD EXTEND FROM THE BOTTOM OF THE RESTRICTOR PLATE TO THE TOP.
3. HORIZONTAL ANGLES SHOULD EXTEND FROM VERTICAL ANGLE TO VERTICAL ANGLE.

STEEL ANGLE BOLTING DETAILS

RESTRICTOR TYPE					
1	2	3	4	5	6
RE-ENTRANT TUBE	SHARP EDGED	SQUARE EDGED	RE-ENTRANT TUBE	SQUARE EDGED	ROUNDED
LENGTH: 1/2 TO 1 DIA.		STREAM CLEARS SIDES	LENGTH: 2-1/2 DIA.	LENGTH: 2-1/2 DIA.	
C=.52	C=.61	C=.61	C=.73	C=.82	C=.98

VALUES OF "C" FOR CIRCULAR AND SQUARE ORIFICES

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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FILE NAME: W:\1503\0226\340bd12.dgn

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	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - M. GOMEZ 01-08-01
PLOT DATE = 2/2/2022	DATE - 09-09-94	REVISED - K. SMITH 02-01-22

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MANHOLE WITH
RESTRICTOR PLATE**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

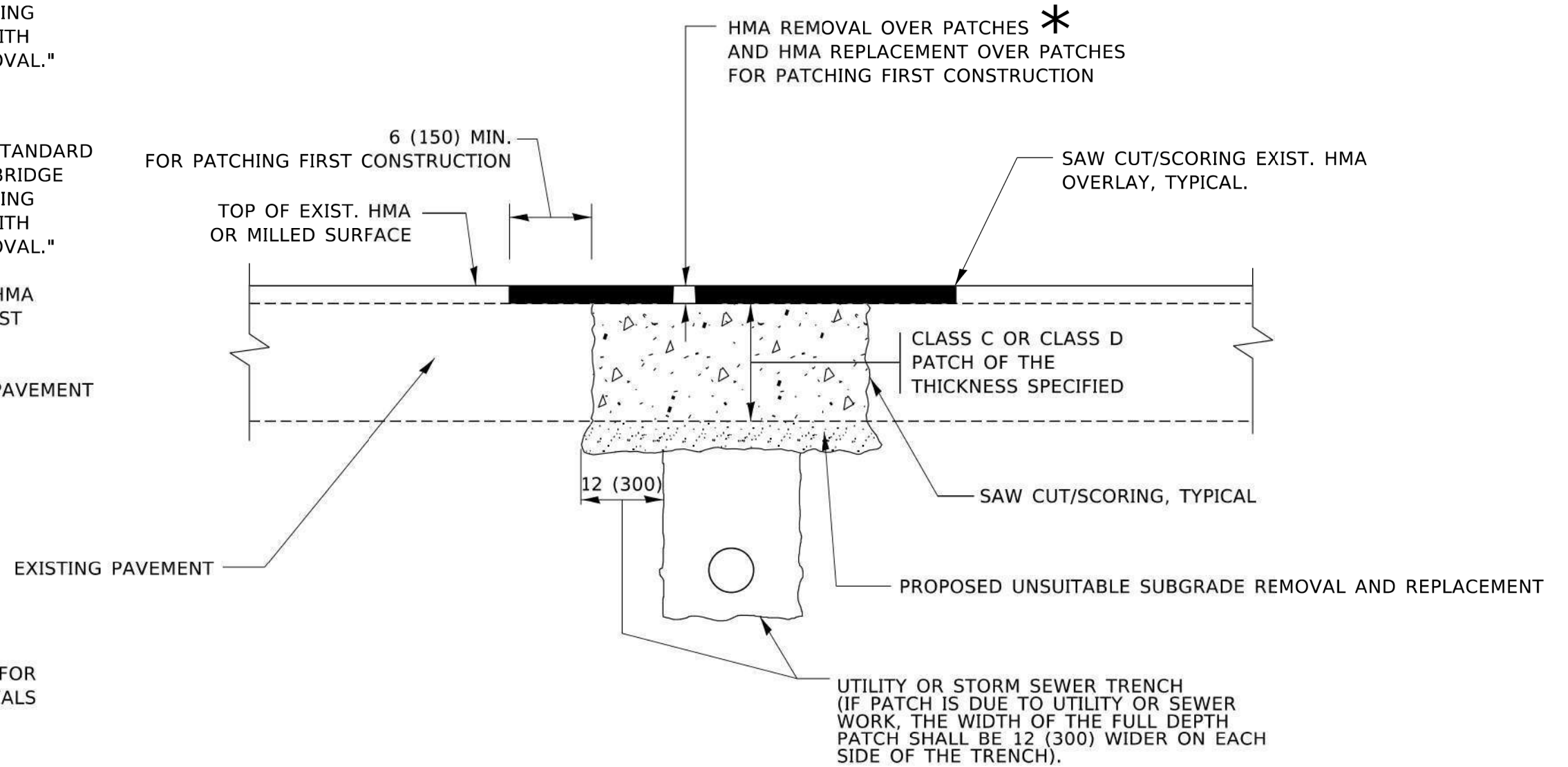
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	185
BD600-04 (BD-12)		CONTRACT NO. 61H85		
ILLINOIS FED. AID PROJECT				

METHOD OF MEASUREMENT

REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."

BASIS OF PAYMENT

1. REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."
2. SAW CUT/SCORING OF EXISTING HMA OVERLAY IS INCLUDED IN THE COST OF PAVEMENT PATCHING.
3. SAW CUT/SCORING OF EXISTING PAVEMENT IS INCLUDED IN THE COST OF PAVEMENT PATCHING.



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

MODEL: Default
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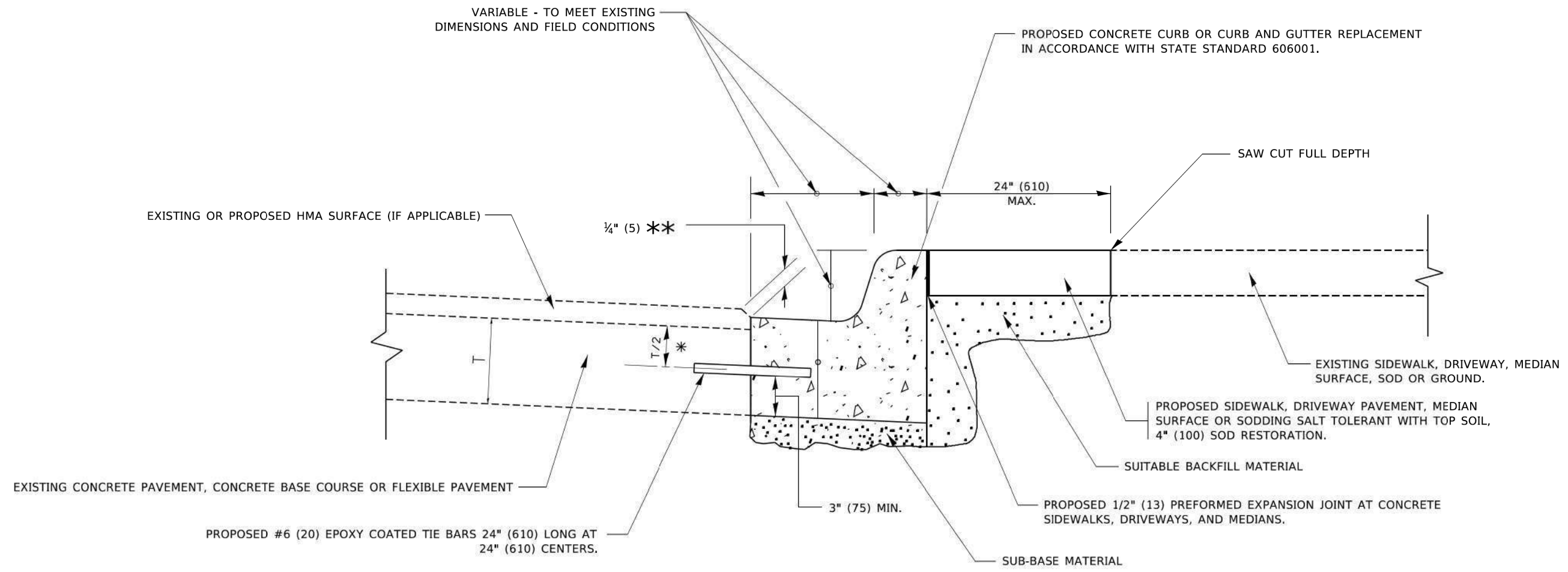
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	DRAWN -	REVISED - R. BORO 09-04-07
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - K. ENG 10-27-08
PLOT DATE = 2/2/2022	DATE - 10-25-94	REVISED - K. SMITH 02-01-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR
HMA SURFACED PAVEMENT

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	186
BD400-04 (BD-22)			CONTRACT NO. 61H85	
ILLINOIS FED. AID PROJECT				



- * 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- ** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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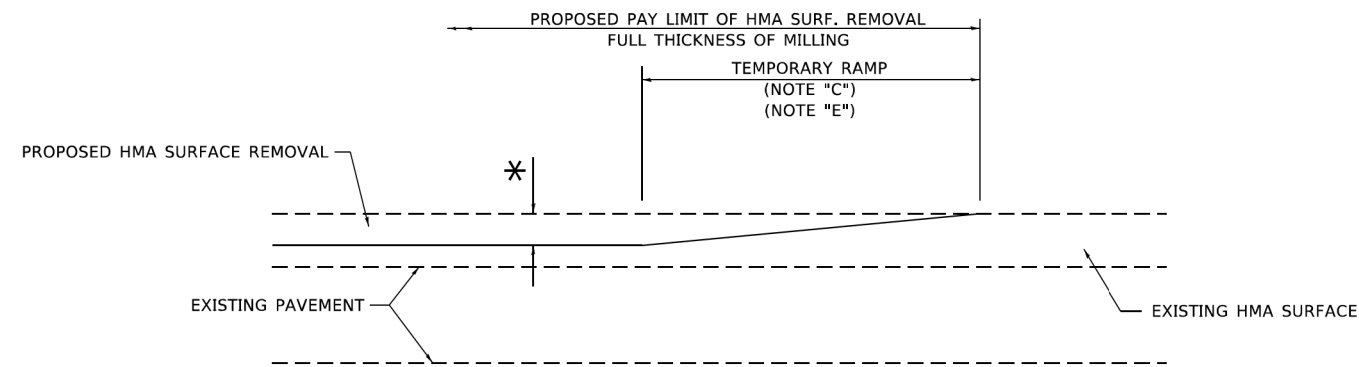
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	DRAWN -	REVISED - M. GOMEZ 01-22-01
PLOT SCALE = 50,0000 ' / ft.	CHECKED -	REVISED - R. BORO 12-15-09
PLOT DATE = 7/11/2019	DATE - 03-11-94	REVISED - K. SMITH 07-11-19

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CURB OR CURB AND GUTTER
REMOVAL AND REPLACEMENT**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

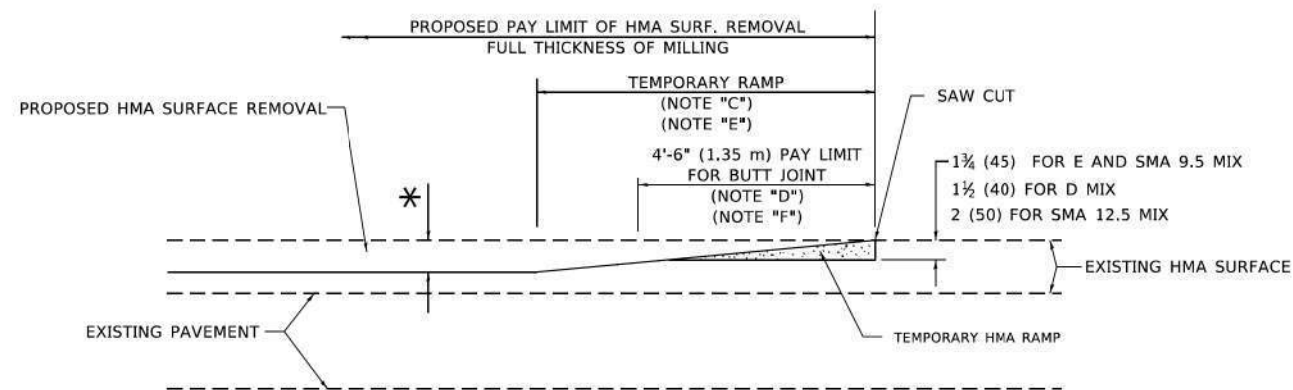
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1503	06-00260-02-PV	KANE	227	187
BD600-06 (BD-24)			CONTRACT NO. 61H85	
ILLINOIS FED. AID PROJECT				



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

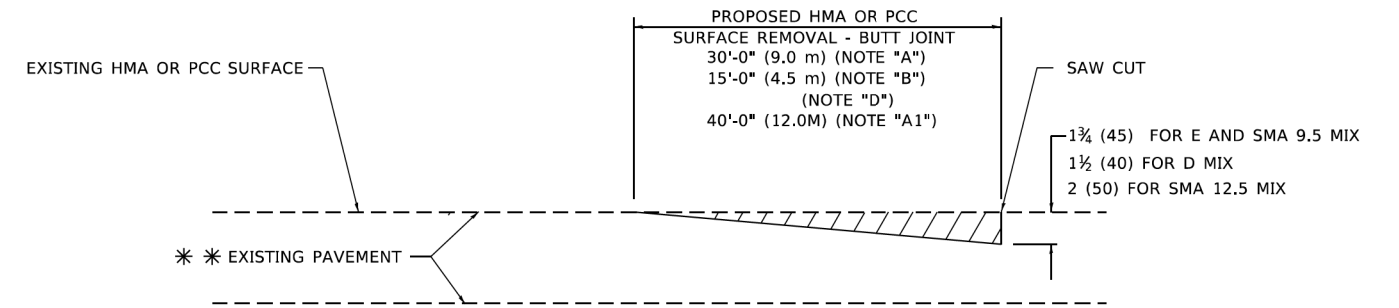


HMA CONSTRUCTED TEMPORARY RAMP

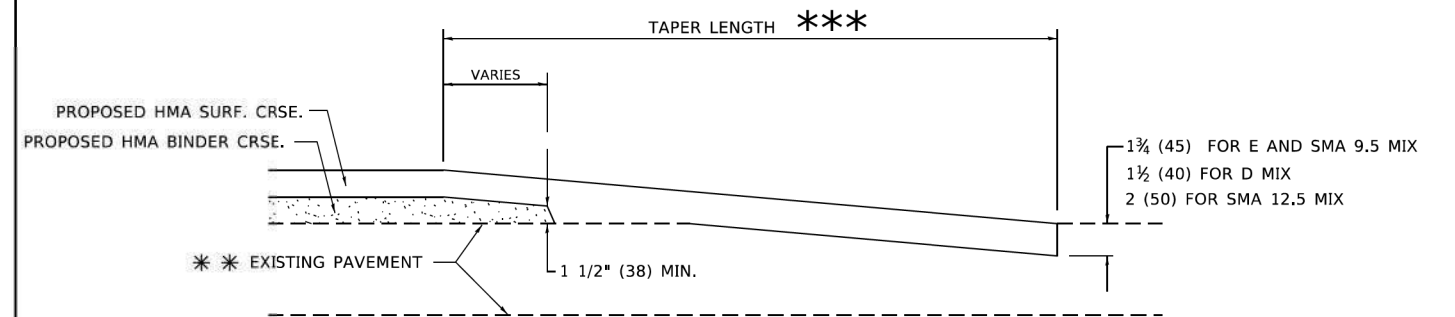
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

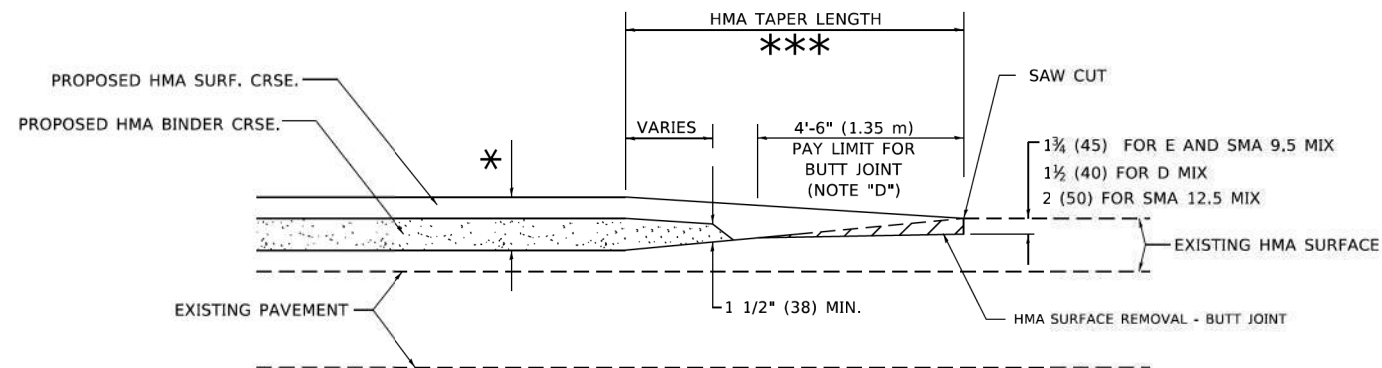
GENERAL NOTES

- A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- A1. INTERSTATES
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. TAPER THE TEMP. RAMP AT A RATE OF 3' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.
* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

- 1. THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".
- 2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

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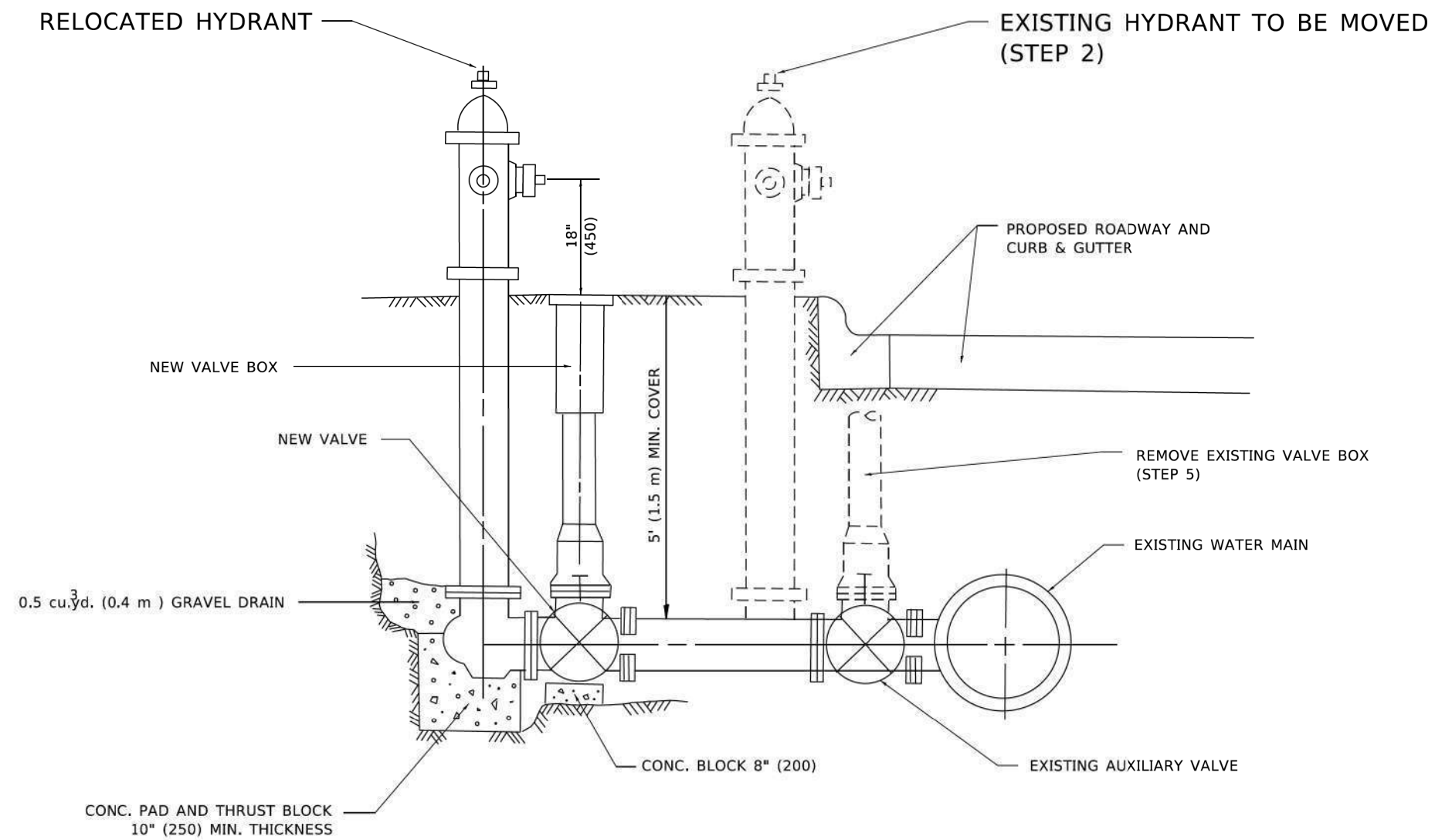
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	DRAWN -	REVISED - M. GOMEZ 04-06-01
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 2/2/2022	DATE - 06-13-90	REVISED - K. SMITH 02-01-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND
HMA TAPER DETAILS

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	188
BD400-05 BD-32		CONTRACT NO. 61H85		
ILLINOIS FED. AID PROJECT				



SEQUENCE OF CONSTRUCTION:

1. CLOSE EXISTING VALVE.
2. REMOVE EXISTING HYDRANT.
3. INSTALL HYDRANT EXTENSION AND NEW VALVE.
4. RELOCATE EXISTING HYDRANT.
5. OPEN EXISTING VALVE, REMOVE BOX.
6. BACKFILL.
7. FLUSH AND TEST FOR CHLORIDE RESIDUAL AND PROVIDE TEST.

NOTE:

ALL WORK TO BE DONE IN ACCORDANCE WITH SECTION 564 OF THE STANDARD SPECIFICATIONS. NEW VALVE AND BOX SHALL BE SAME MAKE AND MODEL AS EXISTING.

FIRE HYDRANT TO BE MOVED

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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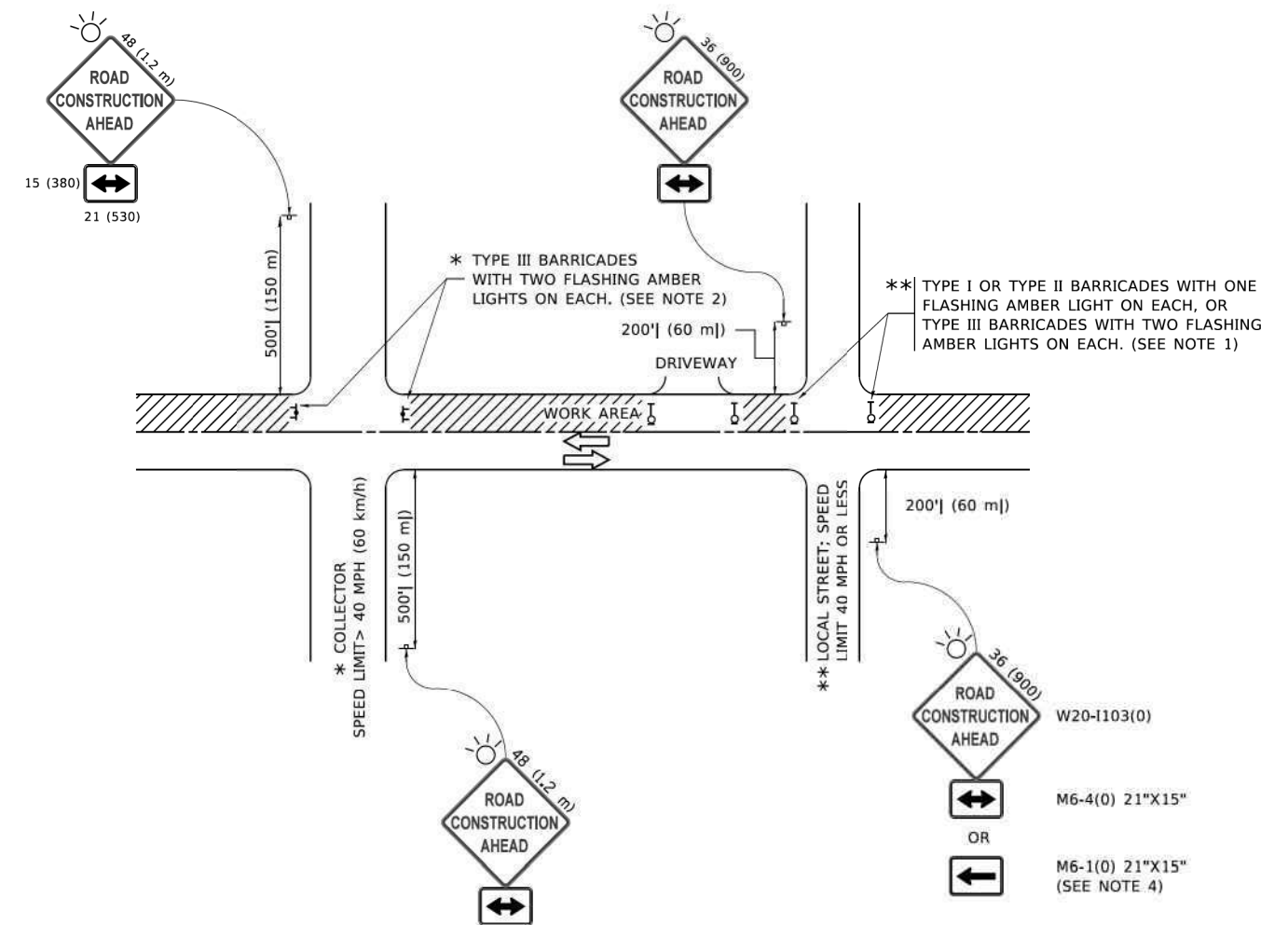
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PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - K. SMITH 02-01-22
PLOT DATE = 2/2/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FIRE HYDRANT TO BE MOVED

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	189
BD-36		CONTRACT NO. 61H85		
ILLINOIS FED. AID PROJECT				



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

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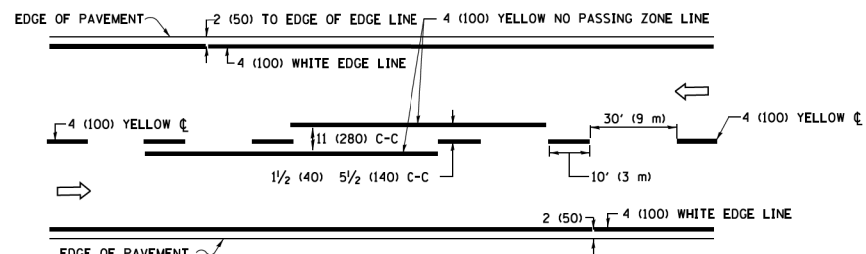
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PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

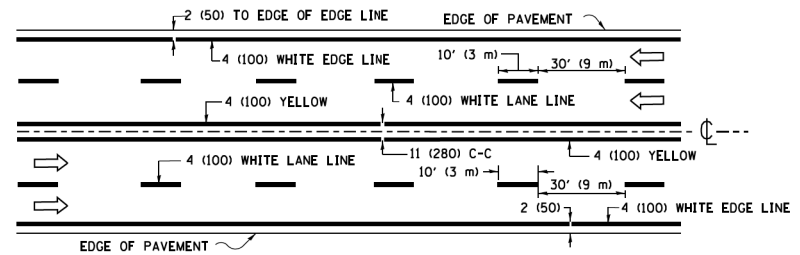
**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

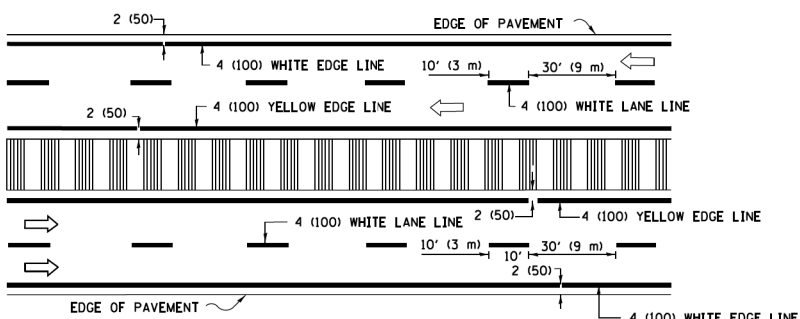
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	190
TC-10			CONTRACT NO. 61H85	
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

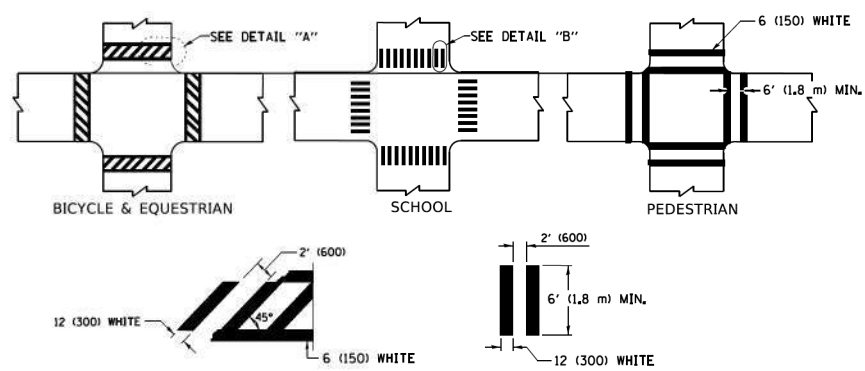


MULTI-LANE UNDIVIDED



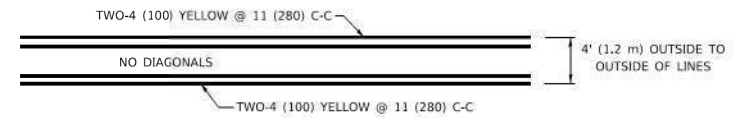
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

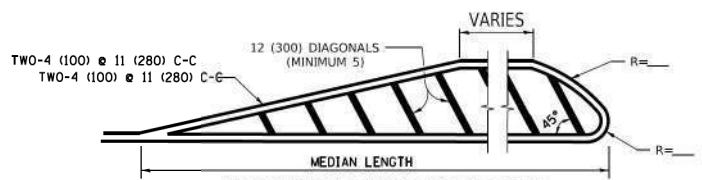


TYPICAL CROSSWALK MARKING

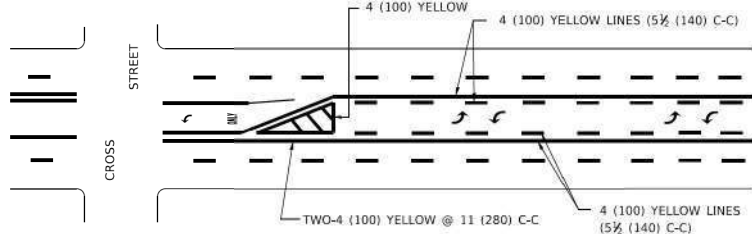
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



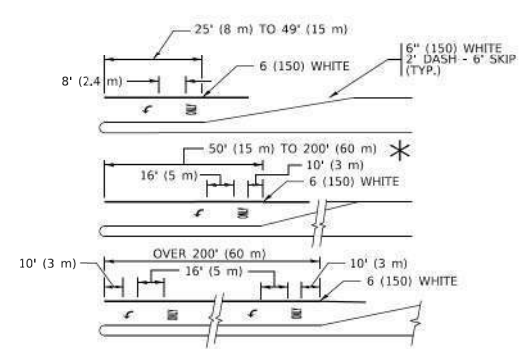
4' (1.2 m) WIDE MEDIANS ONLY



MEDIANS OVER 4' (1.2 m) WIDE



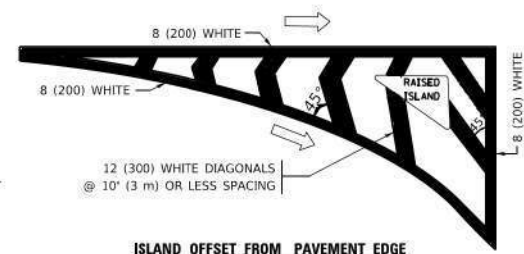
MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING



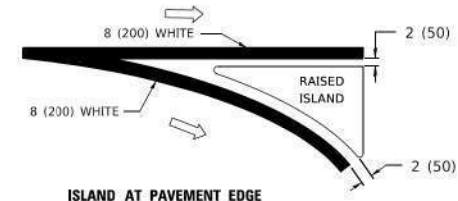
TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

FULL SIZE LETTERS 8" (2.4 m) AND ARROWS SHALL BE USED.
 AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
 * TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

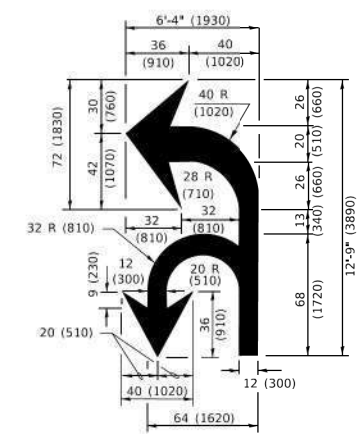


ISLAND OFFSET FROM PAVEMENT EDGE

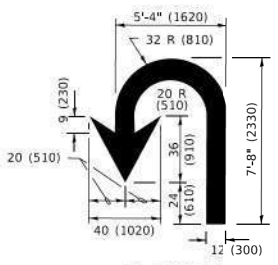


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION
 * LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE: FULL SIZE LETTERS & SYMBOLS (8" (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8" (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 2' (600) APART 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES: "RR" 15 6" (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: *R*=3.6 SQ. FT. (0.33 m ²) EACH *X*=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS > 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

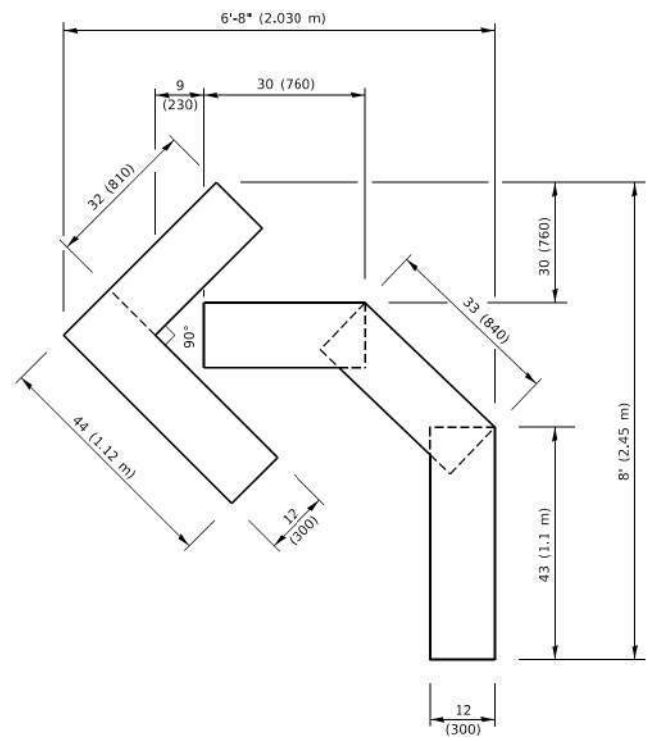
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PLOT SCALE = 50,0000 1/1	CHECKED -	REVISED - C. JUCIUS 12-21-15
PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

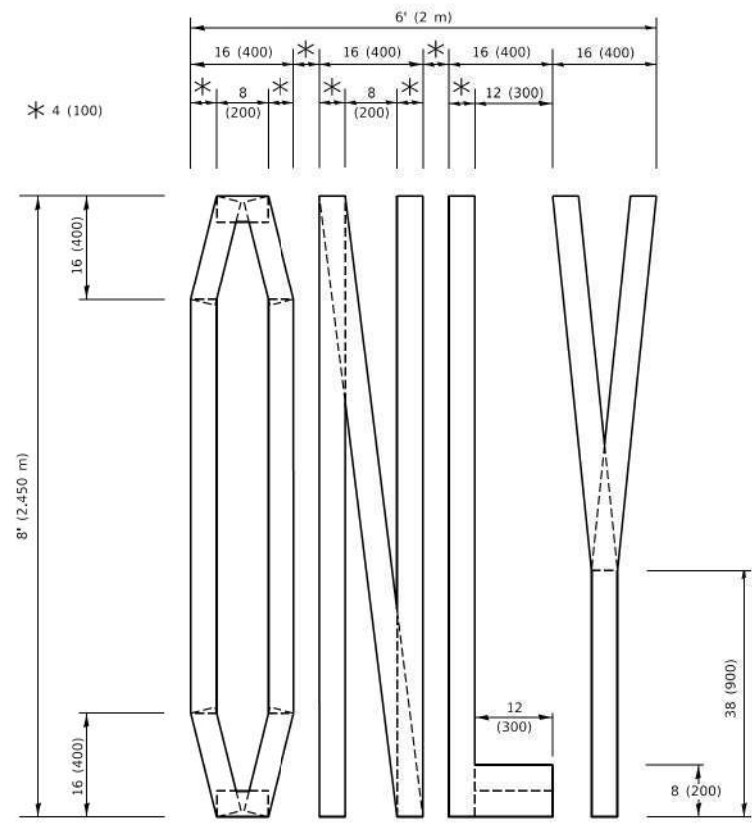
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL PAVEMENT MARKINGS		1503	06-00260-02-PV	KANE	227	191
SCALE: NONE	SHEET 1 OF 2 SHEETS	STA. TO STA.	TC-13			
			ILLINOIS FED. AID PROJECT			

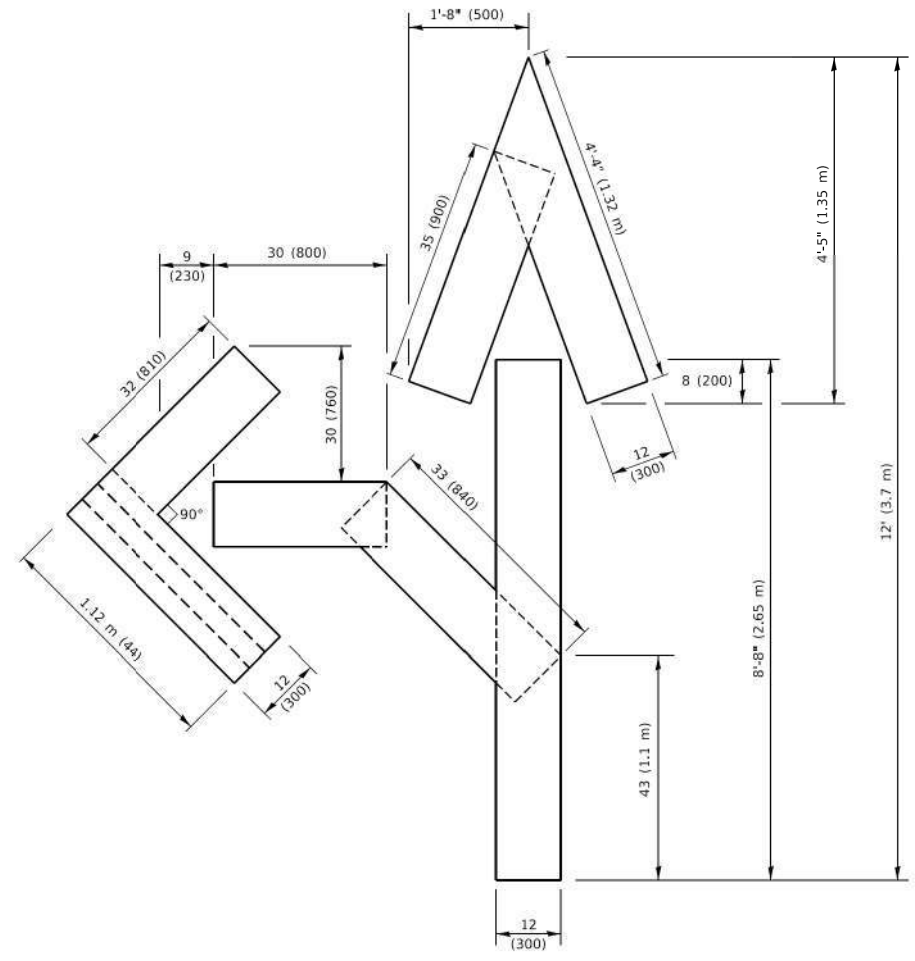
DISTRICT ONE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL PAVEMENT MARKINGS		1503	06-00260-02-PV	KANE	227	191
SCALE: NONE	SHEET 1 OF 2 SHEETS	STA. TO STA.	TC-13			
			ILLINOIS FED. AID PROJECT			



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.41 sq. m)

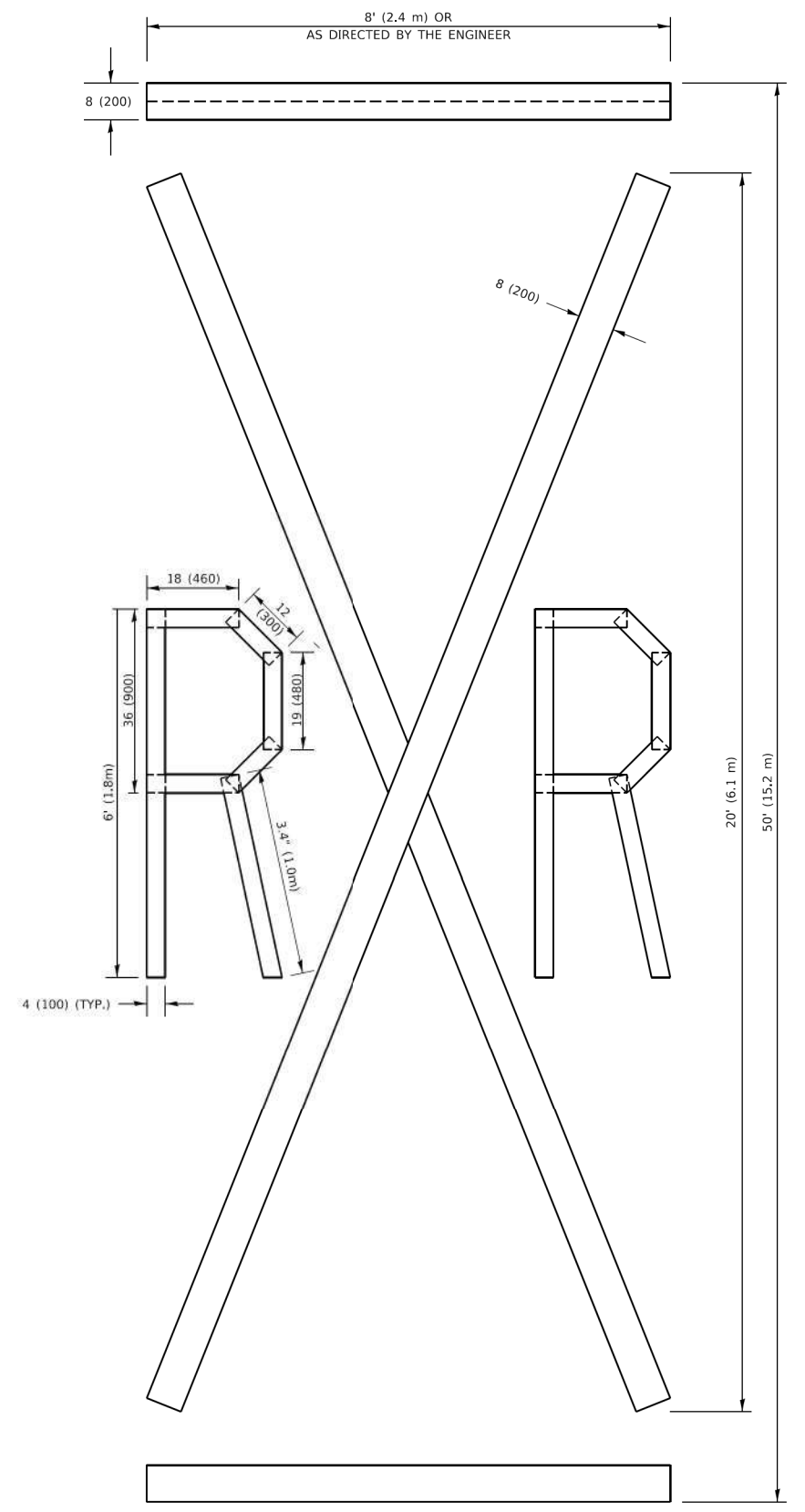


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.1 m)
 27.5 sq. ft. (2.53 sq. m)

NOTE:
 ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY
 4 (100) LINE = 225.9 ft. (68.9 m)
 75.3 sq. ft. (6.99 sq. m)

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

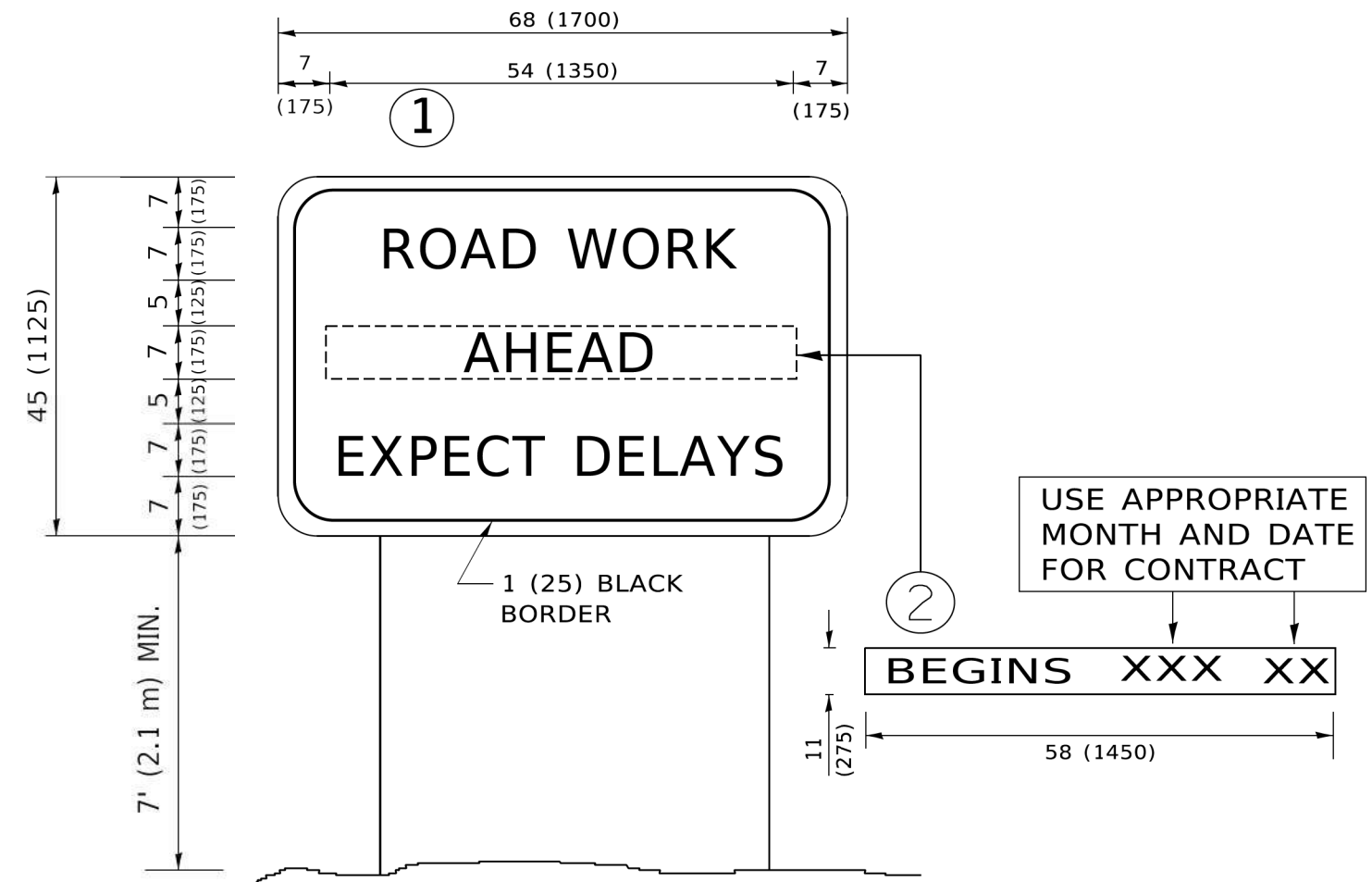
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	DRAWN -	REVISED - E. GOMEZ 08-28-00
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PLOT DATE = 3/4/2019	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS			
SCALE: NONE	SHEET 1	OF 1	SHEETS
STA.	TO STA.		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	192
TC-16		CONTRACT NO. 61H85		
ILLINOIS FED. AID PROJECT				



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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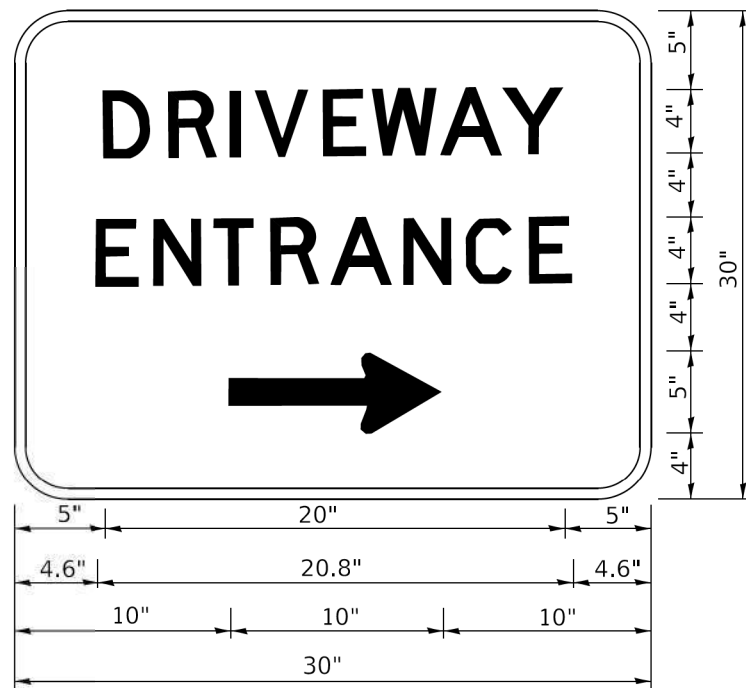
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PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	193
TC-22		CONTRACT NO. 61H85		
ILLINOIS FED. AID PROJECT				



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

MODEL Default
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	DRAWN -	REVISED -
PLOT SCALE = 50,0000 ' / ft.	CHECKED -	REVISED -
PLOT DATE = 3/4/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRIVEWAY ENTRANCE SIGNING

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

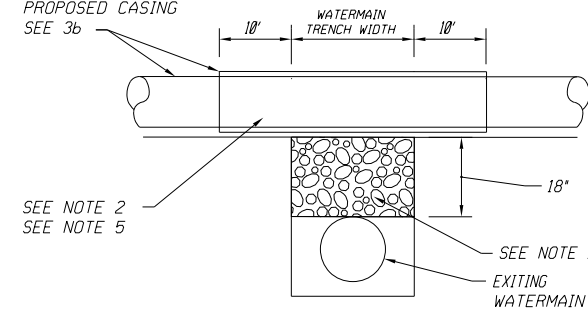
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	194
TC-26			CONTRACT NO. 61H85	
ILLINOIS FED. AID PROJECT				

WATER AND SEWER SEPARATION REQUIREMENTS DETAIL

EXISTING WATERMAIN BELOW PROPOSED SEWER LINE WITH 18" MINIMUM SEPARATION.

NOTE: CLASS IV MATERIAL TO BE COMPACTED TO 95% OF STANDARD PROCTOR MAXIMUM DENSITY.

PROPOSED SEWER
SEE 3a, OR
PROPOSED CASING
SEE 3b



SEE NOTE 2
SEE NOTE 5

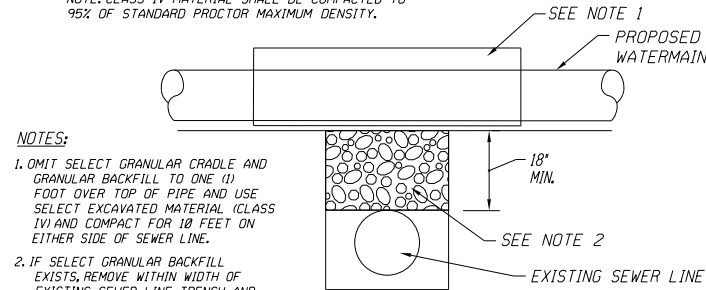
SEE NOTE 1
EXISTING
WATERMAIN

NOTES:

1. IF SELECT GRANULAR BACKFILL EXISTS; REMOVE WITHIN WIDTH OF PROPOSED SEWER TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
2. OMIT SELECT GRANULAR CRADLE AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF PIPE AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT FOR 10 FEET ON EITHER SIDE OF WATER MAIN.
3. a. CONSTRUCT 10 FEET OF PROPOSED SEWER WITH WATERMAIN QUALITY PIPE AND PRESSURE TEST, OR:
b. USE 10 FEET OF CASING FOR PROPOSED SEWER AND SEAL ENDS OF CASING.
4. POINT LOADS SHALL NOT BE ALLOWED BETWEEN SEWER OR SEWER CASING AND WATER MAIN.
5. PROVIDE ADEQUATE SUPPORT FOR EXISTING WATERMAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH.

PROPOSED WATERMAIN ABOVE EXISTING SEWER LINE WITH 18" MINIMUM SEPARATION.

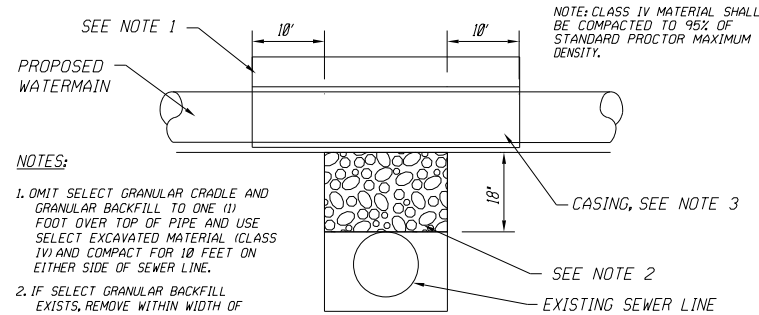
NOTE: CLASS IV MATERIAL SHALL BE COMPACTED TO 95% OF STANDARD PROCTOR MAXIMUM DENSITY.



NOTES:

1. OMIT SELECT GRANULAR CRADLE AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF PIPE AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT FOR 10 FEET ON EITHER SIDE OF SEWER LINE.
2. IF SELECT GRANULAR BACKFILL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.

PROPOSED WATER MAIN ABOVE EXISTING SEWER LINE WITH LESS THAN 18" SEPARATION.

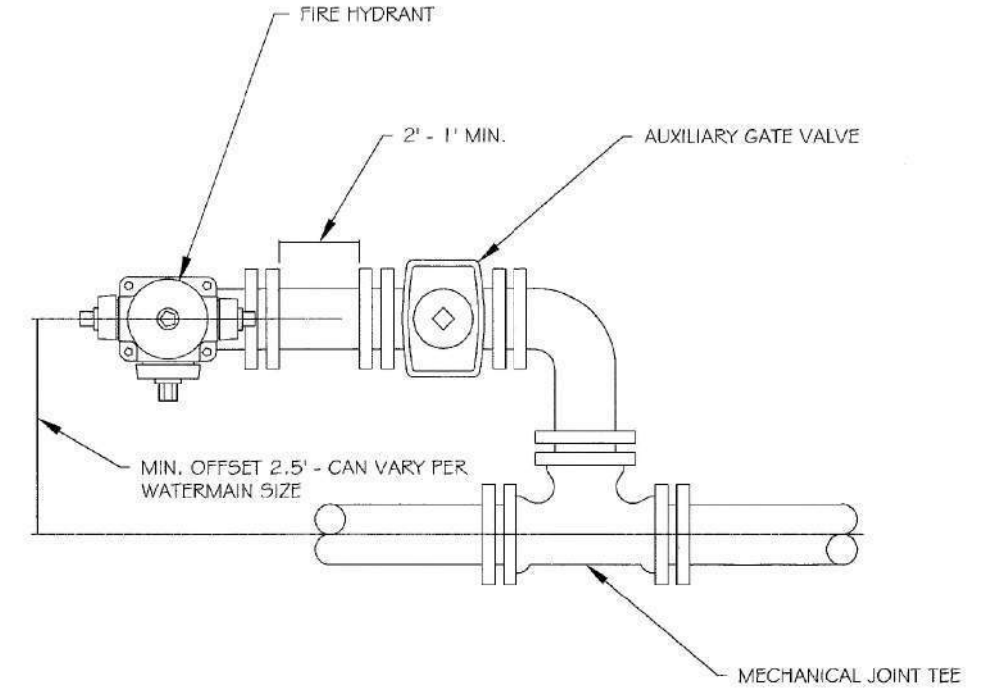


NOTES:

1. OMIT SELECT GRANULAR CRADLE AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF PIPE AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT FOR 10 FEET ON EITHER SIDE OF SEWER LINE.
2. IF SELECT GRANULAR BACKFILL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
3. USE A CASING FOR PROPOSED WATER MAIN AND SEAL ENDS OF CASING.
4. POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATER MAIN OR WATERMAIN AND SEWER.

NOTE: CLASS IV MATERIAL SHALL BE COMPACTED TO 95% OF STANDARD PROCTOR MAXIMUM DENSITY.

▲ TAKEN FROM THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS - SEE PAGES 156-159.



DATE:	BY:

SCALE:	CHECKED:	DRAWING NUMBER:
NOT TO SCALE	DF	
DATE:	DRAWN:	
3/09	DG	

OFFSET HYDRANT DETAIL

EXHIBIT III-C-12

HRG PROJECT NO.: 19189
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 FILE NAME: 09039-587-ds-02.dgn
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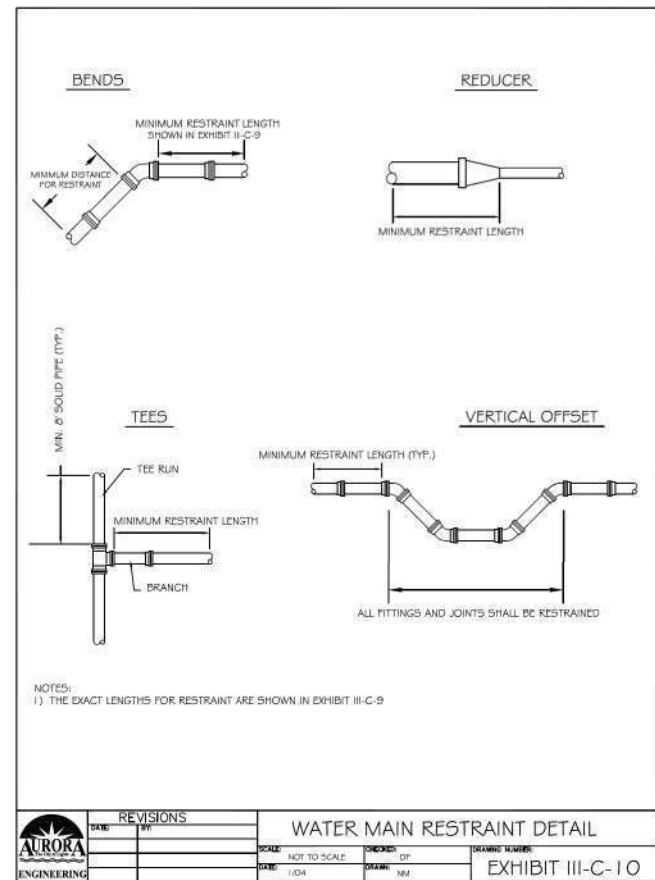
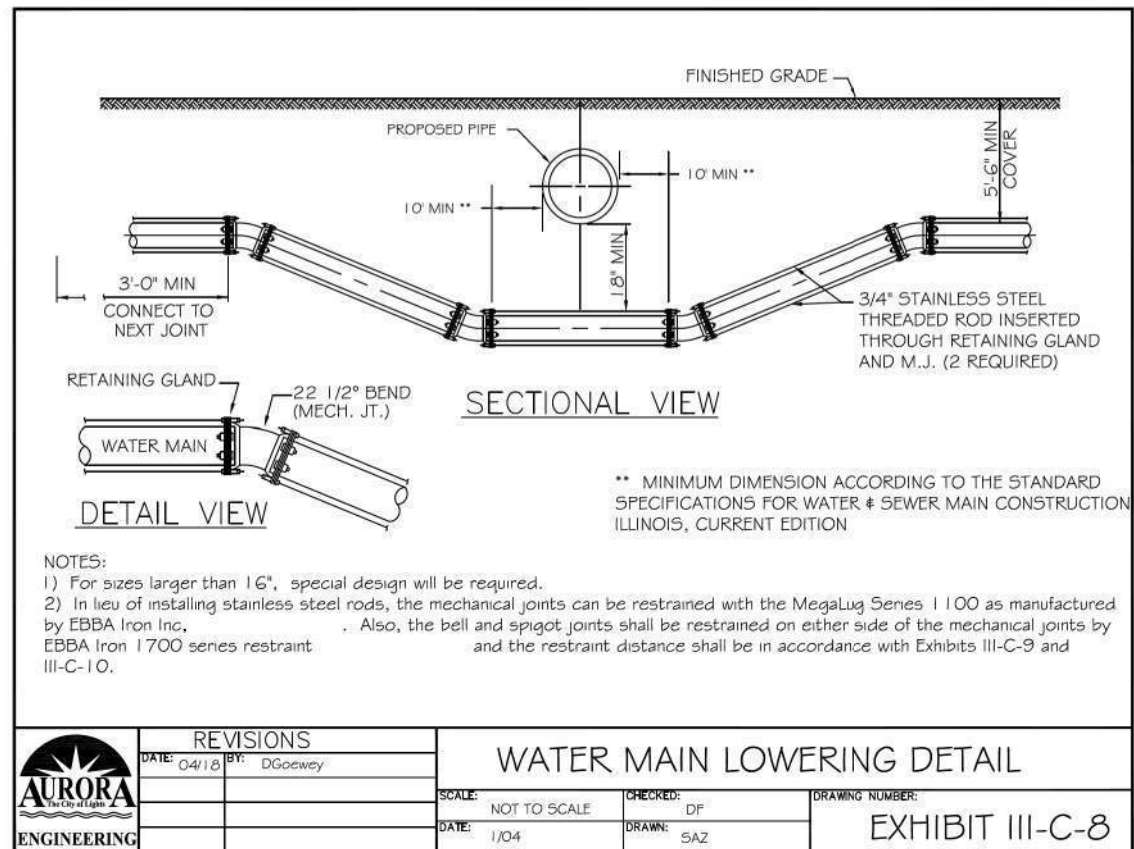
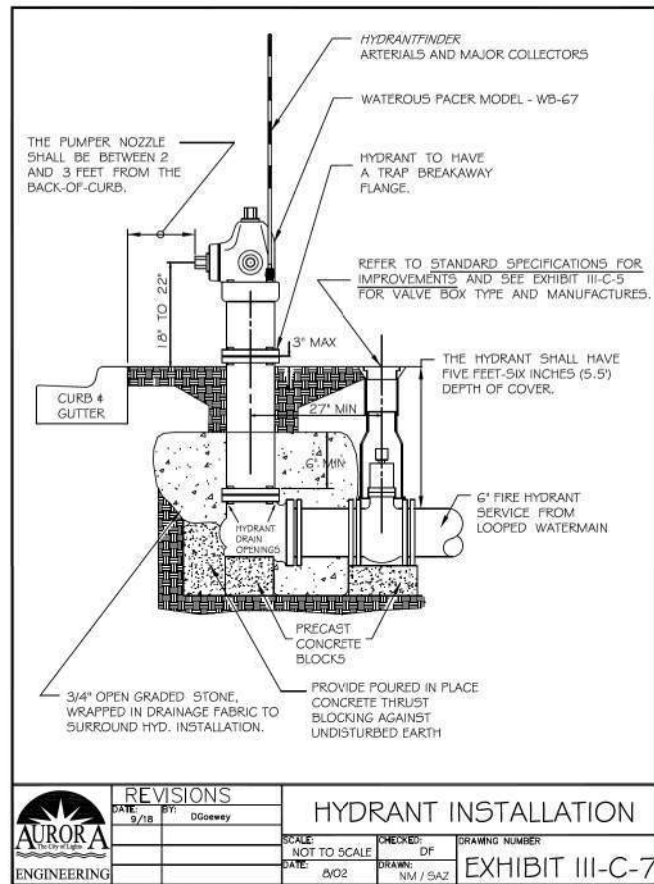


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PLOT SCALE = 2,0000' / in.	DRAWN - DMS	REVISED -
PLOT DATE = 3/1/2023	CHECKED - JJS	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CONSTRUCTION DETAILS	
INDIAN TRAIL ROAD	
SCALE:	SHEET 2 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	196
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				



Minimum Restraint Length (ft) on both sides of the Fitting

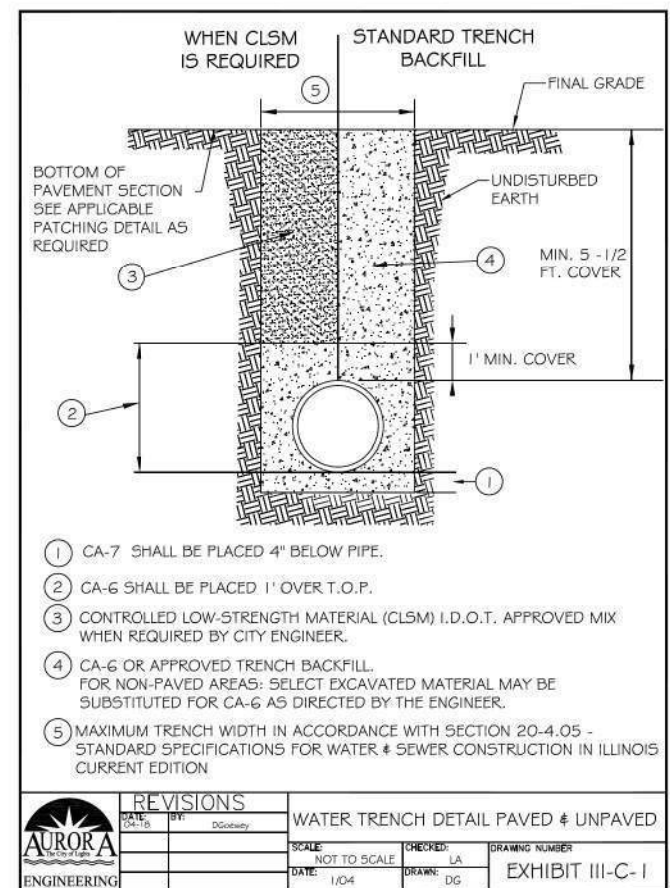
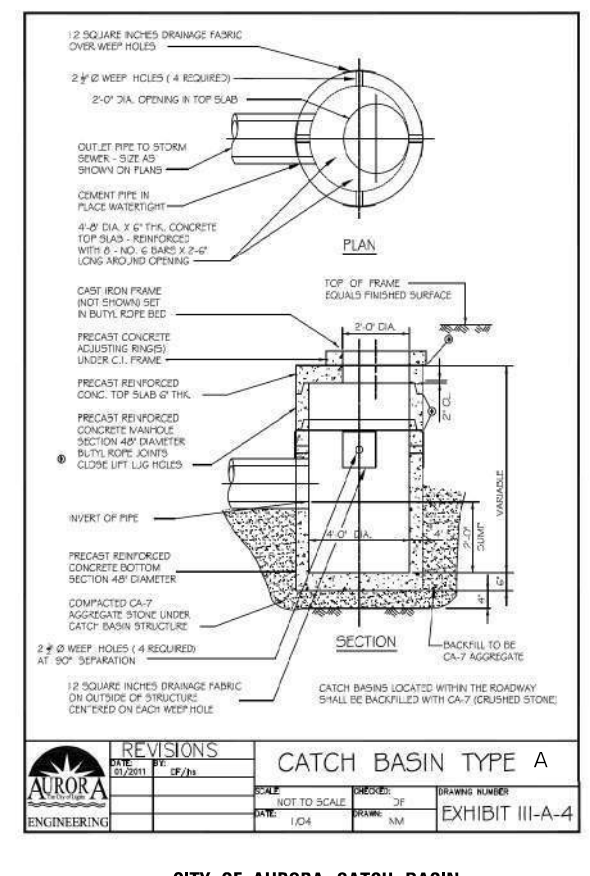
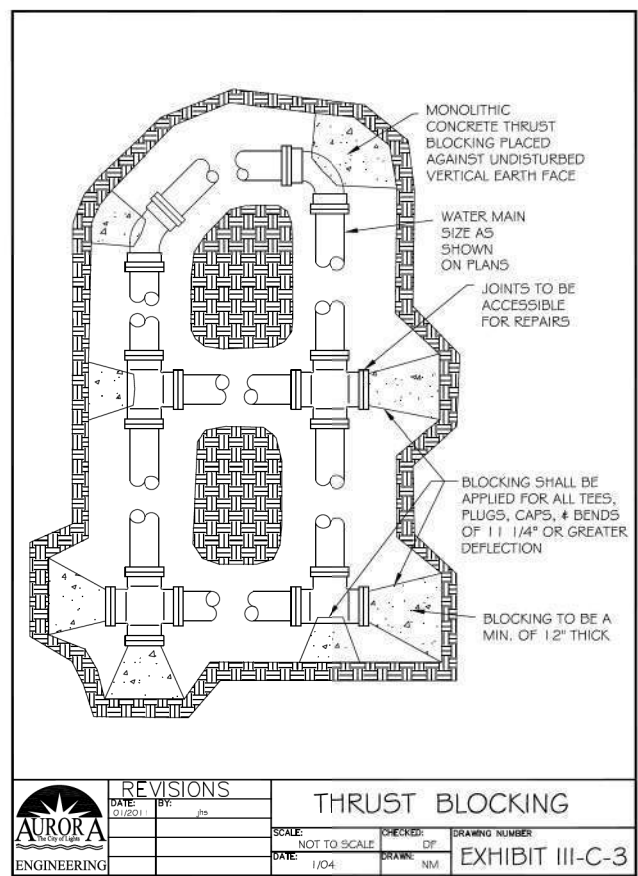
Fitting Type/Nominal Size	6"	8"	12"	16"
11 1/2" Bend	2	3	4	6
22 1/2" Bend	5	6	9	11
45" Bend	10	13	18	23
90" Bend	23	30	43	56
Dead End	31	40	57	74
Top Side of a Vertical Offset ¹	19	25	35	46
Tee Run x Branch ²	6" BY	24		
Tee Run x Branch ³	8" BY	22	34	
Tee Run x Branch ²	12" BY	18	31	51
Tee Run x Branch ²	16" BY	14	28	67
Reducer ³	8" BY	17		
Reducer ³	12" BY	42	30	
Reducer ³	16" BY	62	54	31

¹ All joints within the lowered section of the watermain shall be restrained or shall be solid pipe. The above distances reflect the required restraint distance on the normally elevated watermain either side of the 45" fitting of the vertical offset (or lowering).
² Minimum of 8 ft of solid pipe is required on both sides of the fitting on the run side. Distance indicates the length of restraint on the branch side or the side perpendicular to the tee run watermain.
³ Indicates the distance from the larger end of the reducer.

Notes: 1) All nuts and bolts shall be stainless steel.
 2) The entire restraint system from the fitting to the minimum restraint distance must be inspected by the City of Aurora or its representative prior to backfilling.

Revisions		Watermain Restraint Length Table	
Date:	By:	Scale:	Checked:
		None	PJH
		Date:	Drawn:
		2/04	DF

EXHIBIT III-C-9



- CA-7 SHALL BE PLACED 4" BELOW PIPE.
- CA-6 SHALL BE PLACED 1" OVER T.O.P.
- CONTROLLED LOW-STRENGTH MATERIAL (CLSM) I.D.O.T. APPROVED MIX WHEN REQUIRED BY CITY ENGINEER.
- CA-6 OR APPROVED TRENCH BACKFILL FOR NON-PAVED AREAS: SELECT EXCAVATED MATERIAL MAY BE SUBSTITUTED FOR CA-6 AS DIRECTED BY THE ENGINEER.
- MAXIMUM TRENCH WIDTH IN ACCORDANCE WITH SECTION 20-4.05 - STANDARD SPECIFICATIONS FOR WATER & SEWER CONSTRUCTION IN ILLINOIS CURRENT EDITION

HRG PROJECT NO. 19189
 HRG PROJ. CONTACT:
 FILE NAME: 09189-SW-06-03.dgn
 PEN TABLE: 09189.tbl

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 Micro Professional Design Firm
 #184-001322

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	DATE -	REVISED -

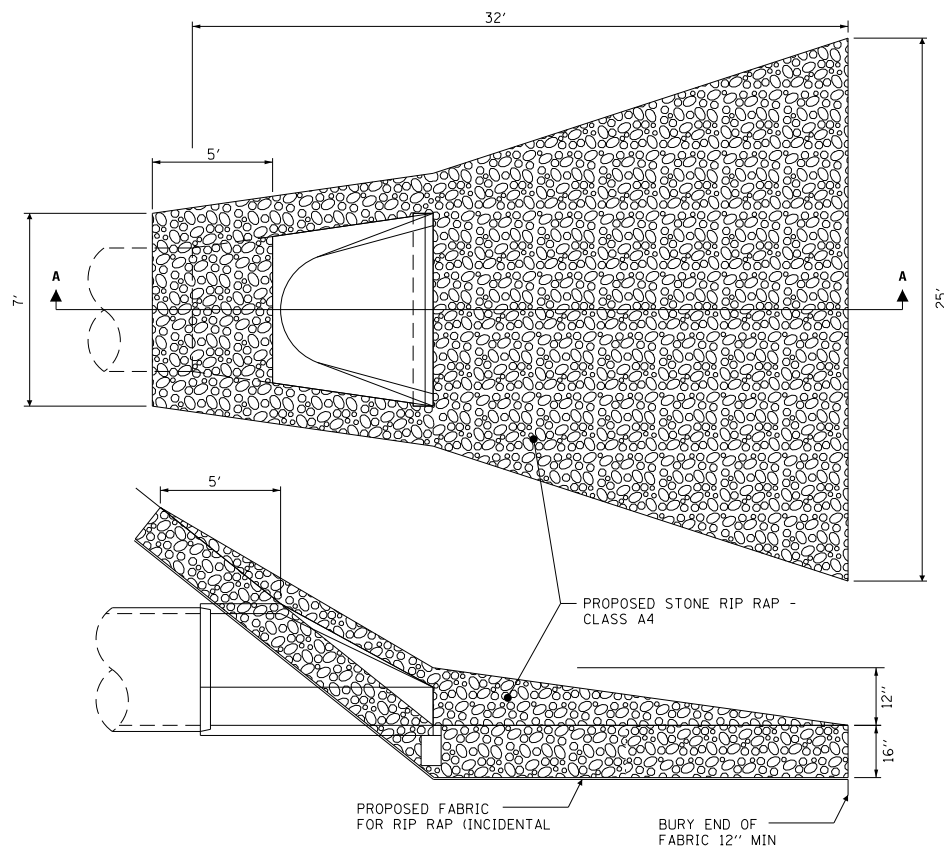
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CITY OF AURORA CATCH BASIN
 APPLIES TO MH LOCATIONS

CONSTRUCTION DETAILS
 INDIAN TRAIL ROAD

SCALE: SHEET 3 OF 10 SHEETS STA. TO STA.

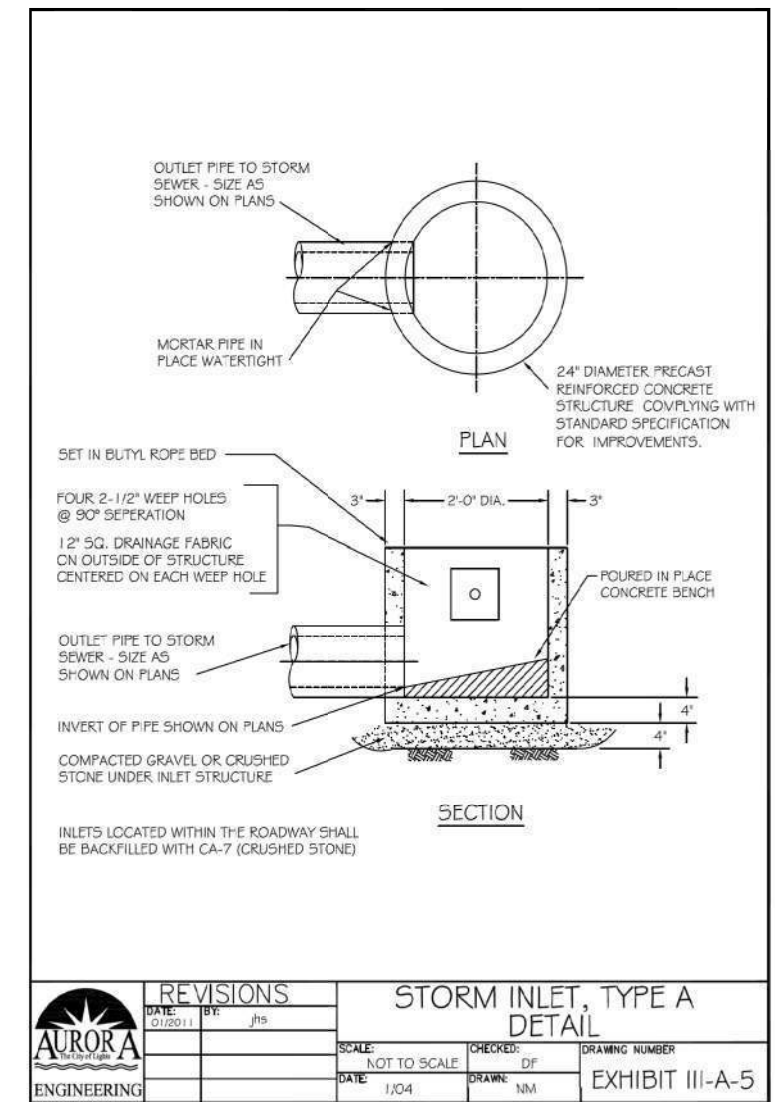
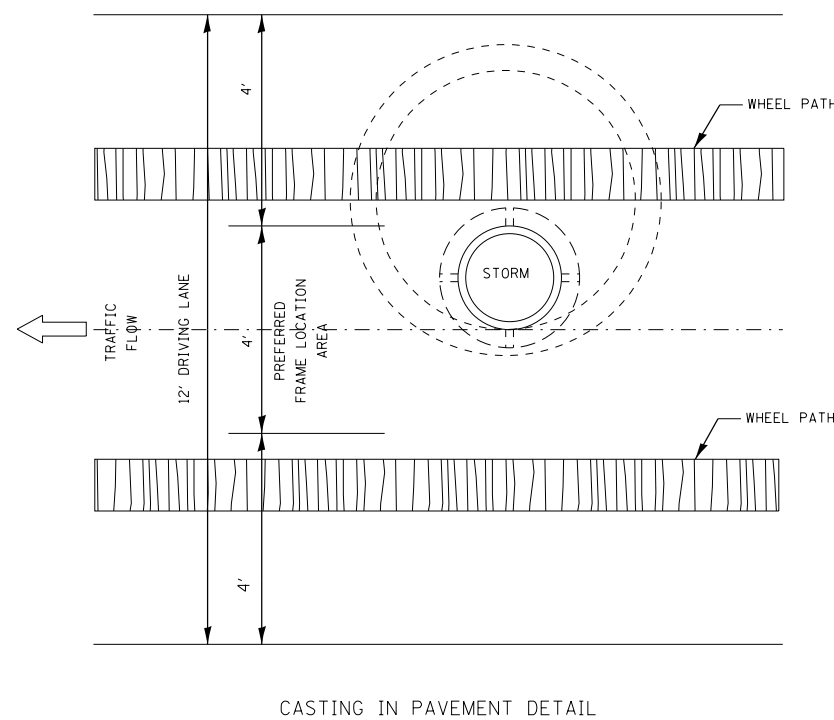
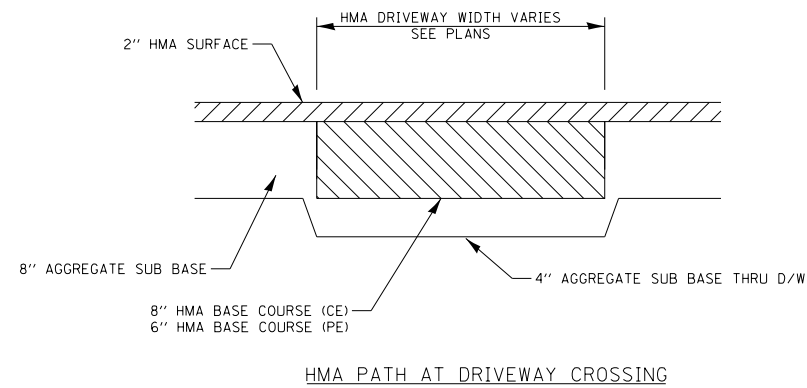
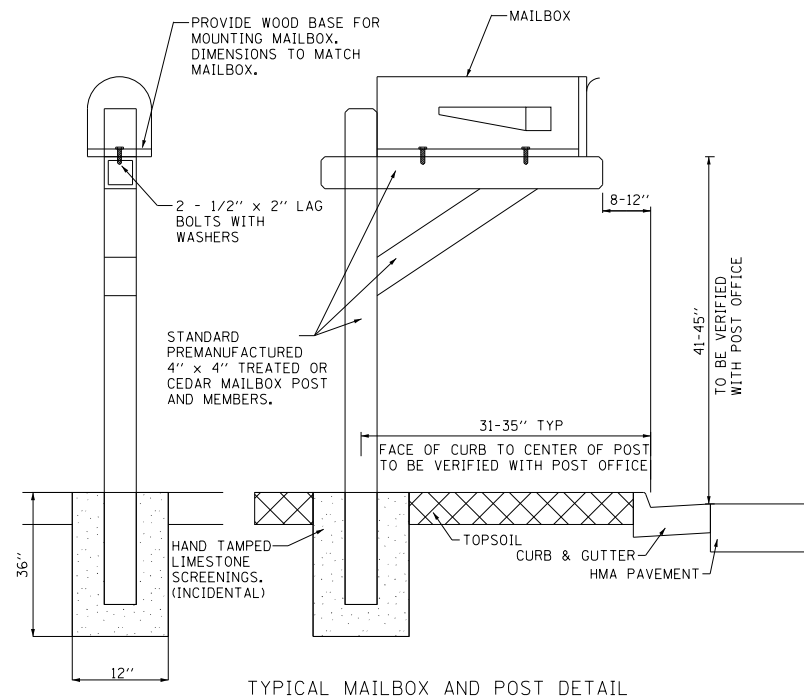
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	197
CONTRACT NO. 61H85				
ILLINOIS		FED. AID PROJECT		



NOTES:

1. THE FILTER FABRIC SHALL MEET THE REQUIREMENTS IN NCRS MATERIAL SPECIFICATIONS 592 GEOTEXTILE TABLE 1 OR 2, CLASS 1.
2. THE ROCK RIPRAP SHALL MEET THE IDOT REQUIREMENTS FOR THE FOLLOWING GRAD, NO. 4, QUALITY DESIGNATION A.
3. THE RIPRAP SHALL BE PLACED ACCORDING TO NCRS CONSTRUCTION SPECIFICATION 61 ROCK RIPRAP. THE ROCK MAY BE EQUIPMENT PLACED.

RIP RAP DETAIL AT STA 19+00 LT



CITY OF AURORA INLET (PGL SAG LOCATIONS ONLY)

REVISIONS		DATE		BY	
		01/20/11		jhs	

SCALE		CHECKED		DRAWING NUMBER	
NOT TO SCALE		DF		EXHIBIT III-A-5	
DATE		DRAWN			
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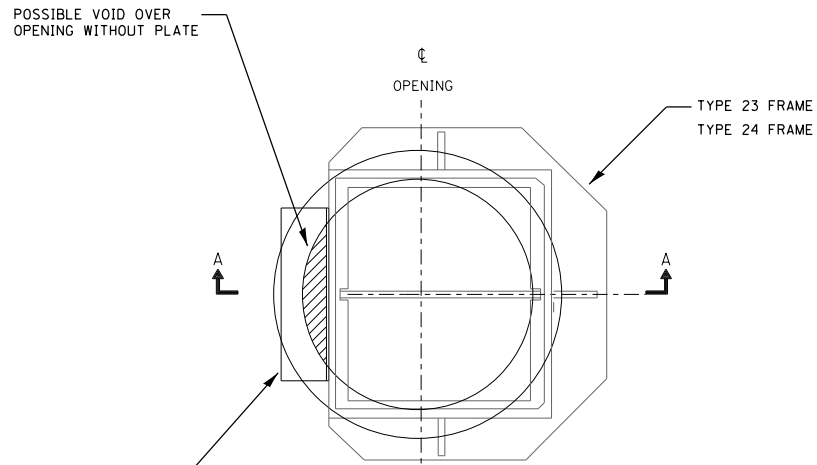
HRGreen.com
 HRGreen
 Illinois Professional Design Firm
 #184-001322

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PLOT DATE = 3/1/2023	CHECKED - JJS	REVISED -
	DATE -	REVISED -

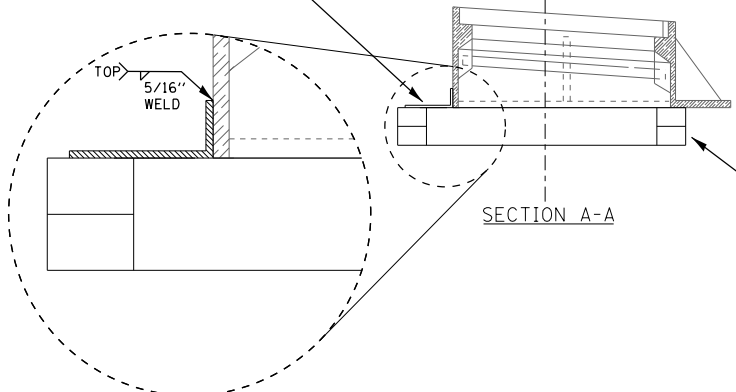
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CONSTRUCTION DETAILS		INDIAN TRAIL ROAD	
SCALE:	SHEET 4 OF 10 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	198
				CONTRACT NO. 61H85
				ILLINOIS FED. AID PROJECT

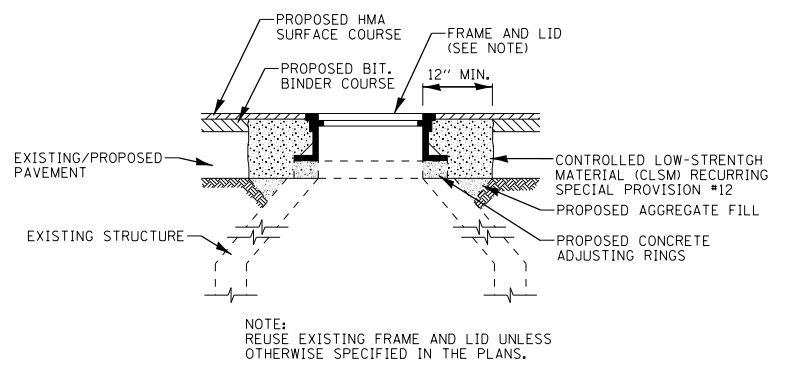


L - 8" x 4" x 3/8" x 1'-6" Lg (ASTM A36 STEEL)

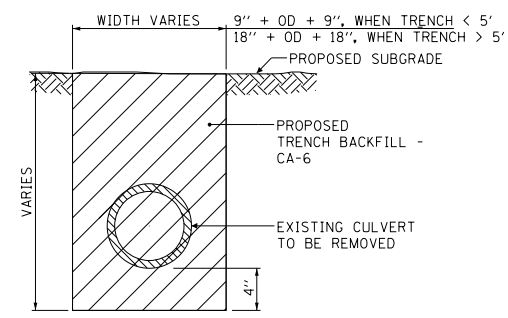


MASONRY ADJ. RINGS WITH 2" DIA. OPENING (8" MAX. ADJUSTMENT)

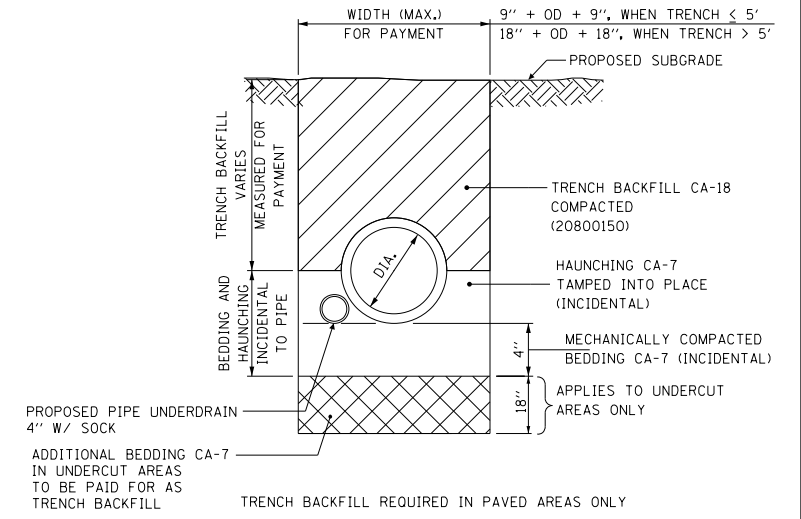
STEEL FLANGE - TYPE 23 & TYPE 24 FRAME & GRATE



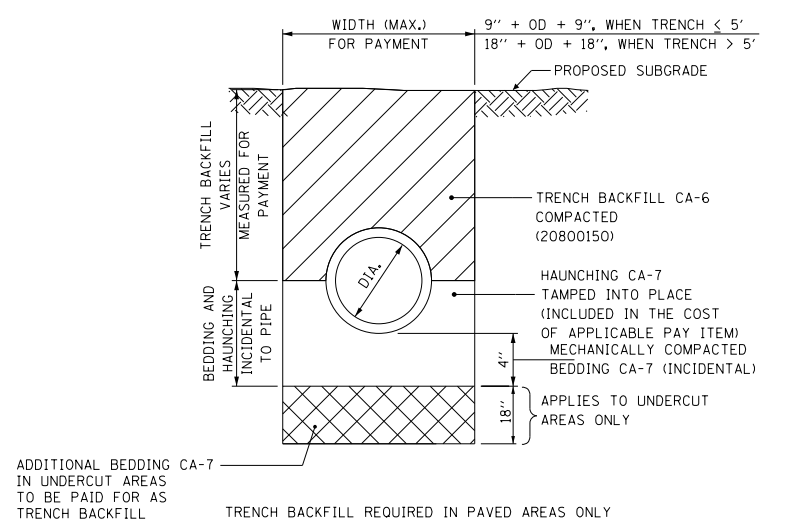
DETAILS FOR FRAME AND LID ADJUSTMENT IN PAVEMENT
N.T.S.



TRENCH BACKFILL - EXISTING CULVERT REMOVAL
TRENCH BACKFILL REQUIRED IN PAVED AREAS ONLY



PROPOSED TRENCH - STORM SEWER WITH UNDERDRAIN DETAIL
SEE PLANS FOR UNDERDRAIN LOCATIONS



PROPOSED TRENCH - STORM SEWER
TRENCH BACKFILL REQUIRED IN PAVED AREAS ONLY

HRG PROJECT NO: 191891
 HRG PROJ CONTACT:
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 PEN TABLE: 0939.tbl

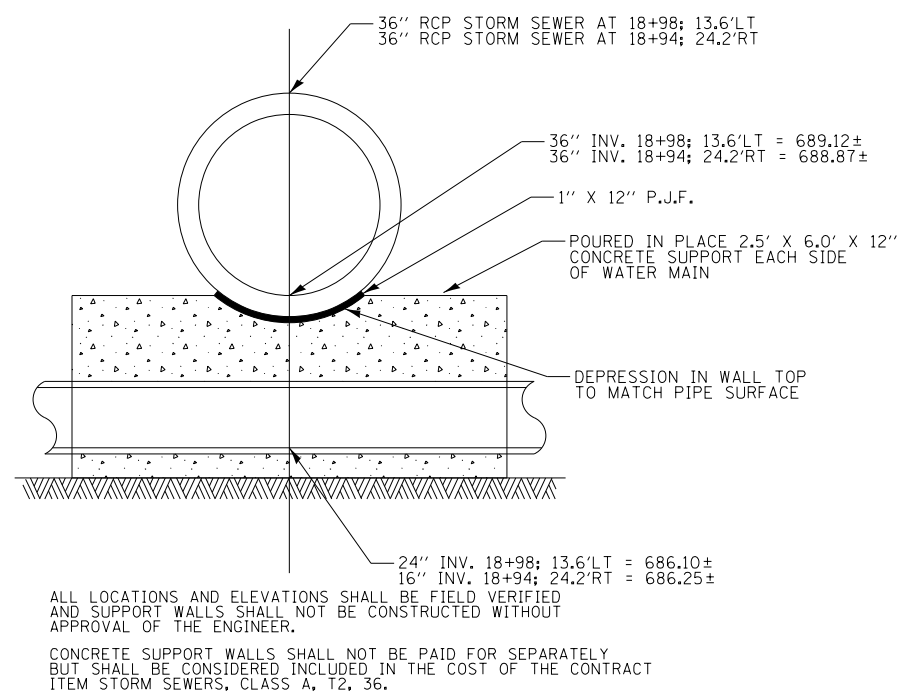
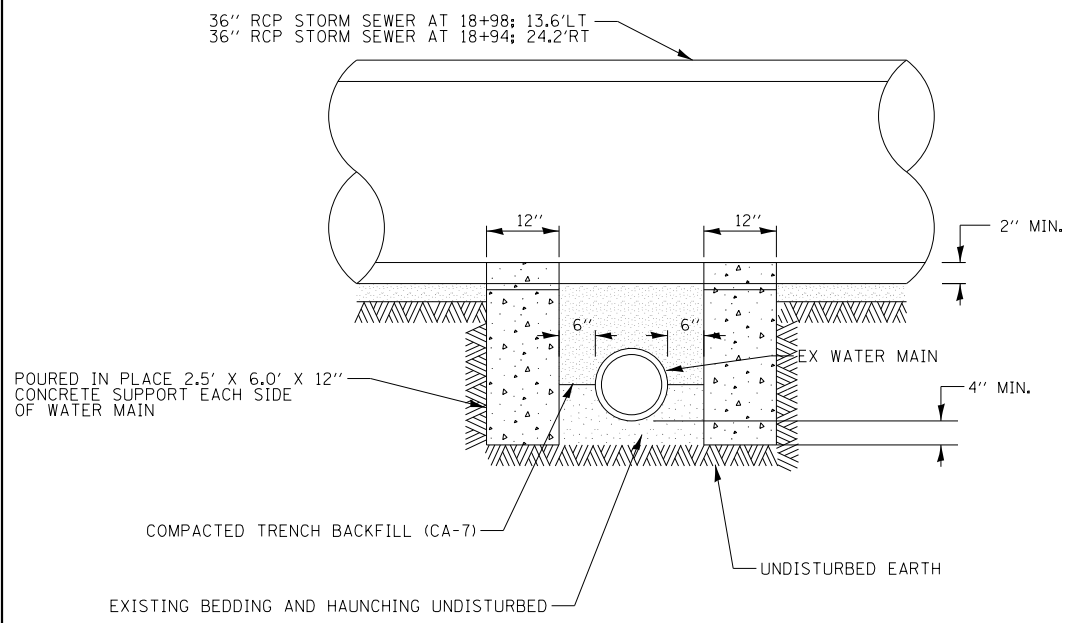
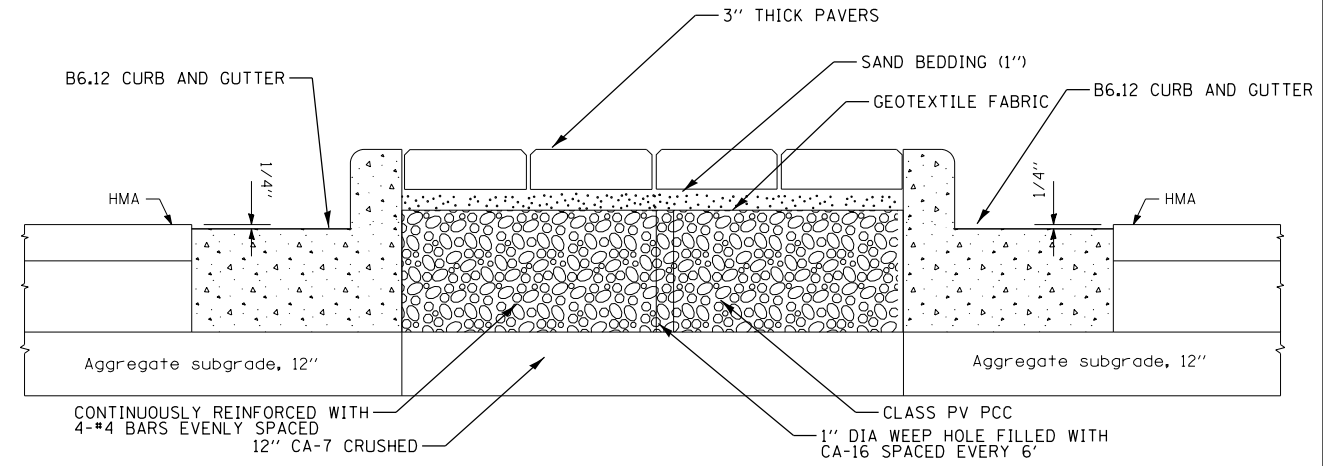
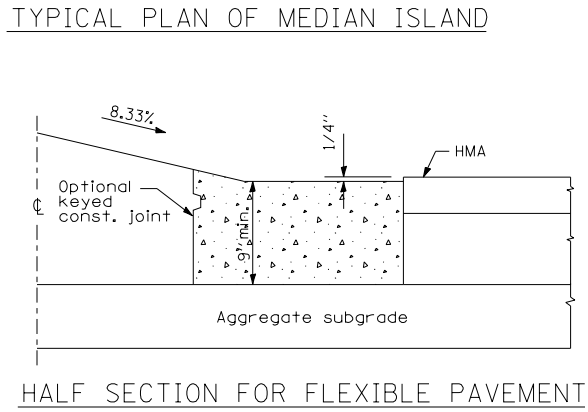
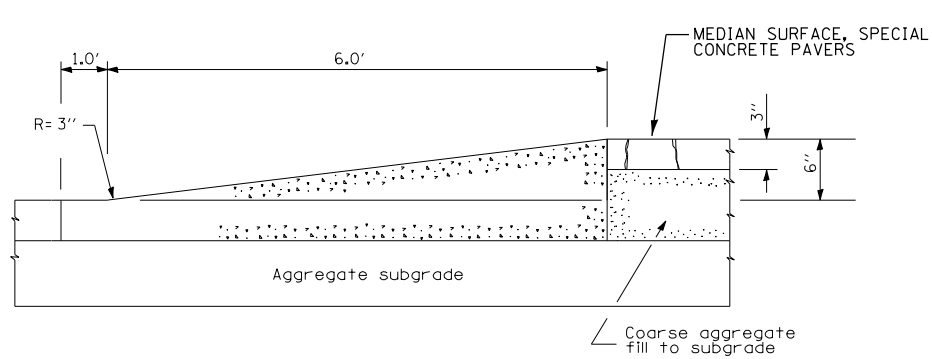
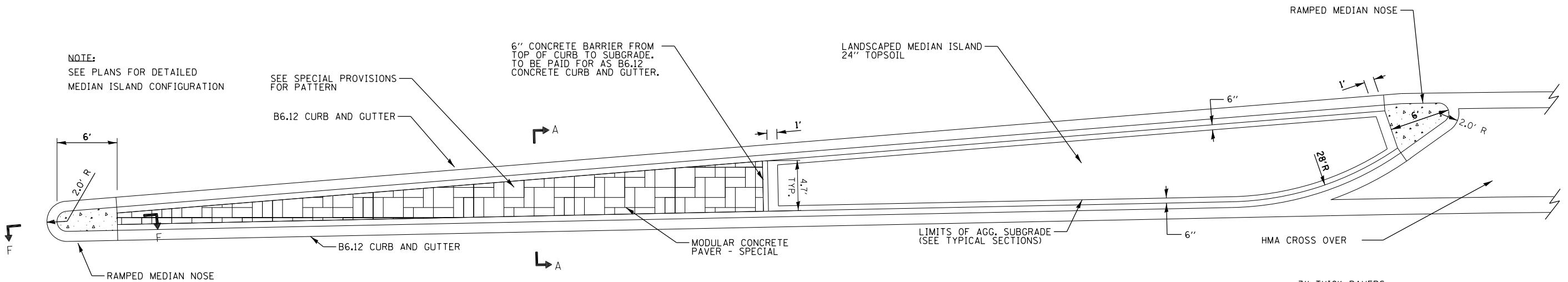


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PLOT DATE = 3/1/2023	CHECKED - JJS	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CONSTRUCTION DETAILS			
INDIAN TRAIL ROAD			
SCALE:	SHEET 5 OF 10 SHEETS	STA.	TO STA.

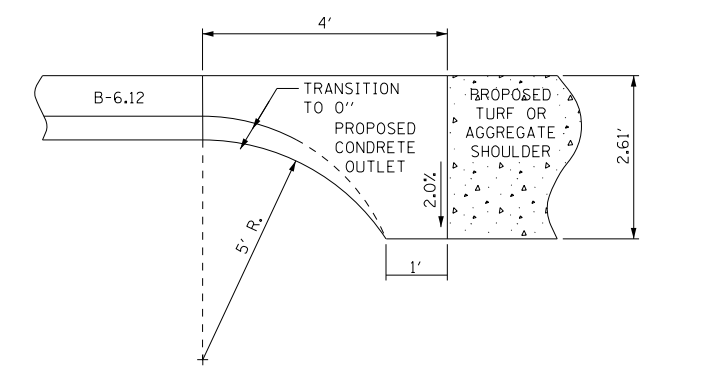
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	199
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				



GENERAL NOTES:
THE BRICK PAVERS FOR THE CONCRETE MEDIAN (SPECIAL) SHALL BE SERIES 3000, COLOR MOCHA BROWN. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A BRICK PAVER SAMPLE FOR APPROVAL BY THE CITY OF AURORA PRIOR TO INSTALLATION.

METHOD OF MEASUREMENT:
CONCRETE MEDIAN (SPECIAL) WILL BE MEASURED FOR PAYMENT IN PLACE AND THE AREA COMPUTED IN SQUARE FEET. MEASUREMENT WILL BE FROM BACK OF CURB TO BACK OF CURB.

BASIS OF PAYMENT:
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR CONCRETE MEDIAN (SPECIAL), WHICH PRICE SHALL INCLUDE ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO CONSTRUCT THE PORTLAND CEMENT CONCRETE, REINFORCEMENT, BRICK PAVERS, SAND BEDDING, GEOTEXTILE FABRIC AND LIMESTONE BASE IN ACCORDANCE WITH THE ABOVE DETAILS.



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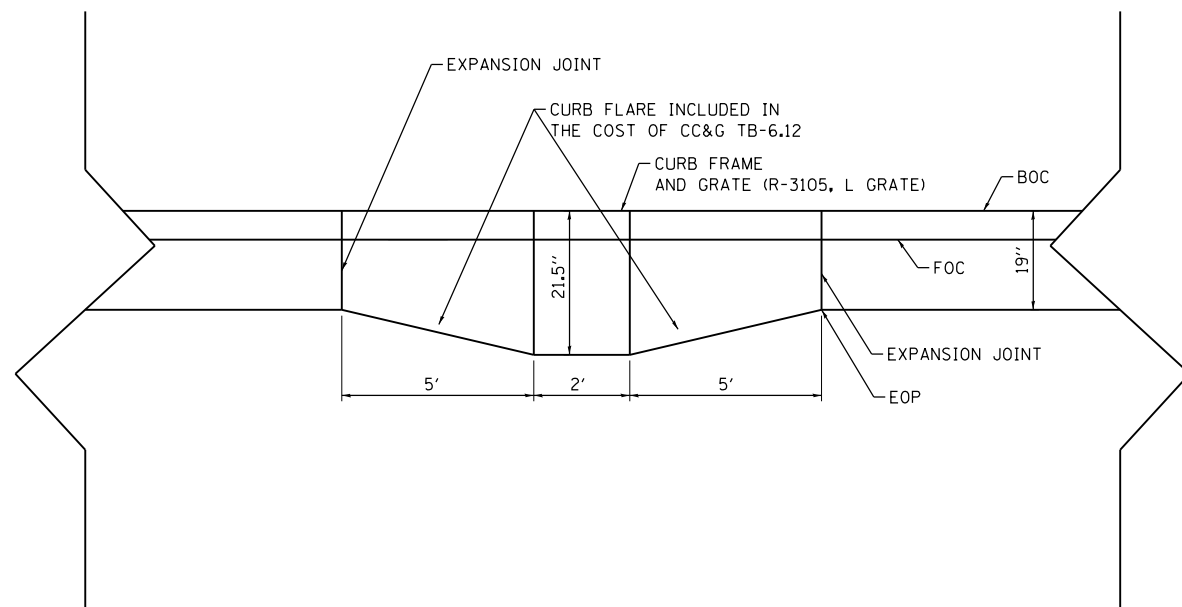
HRGreen.com
Micro Professional Design Firm
#184-001322

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	DATE -	REVISED -

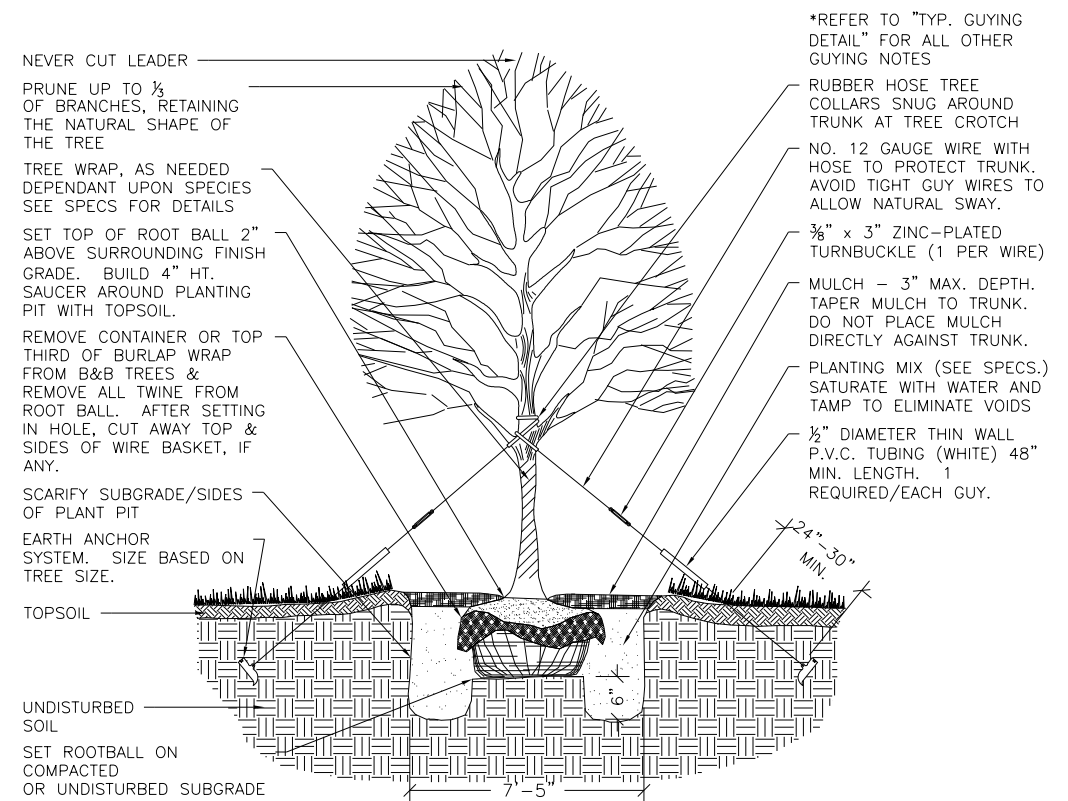
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS	
INDIAN TRAIL ROAD	
SCALE:	SHEET 6 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	200
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				



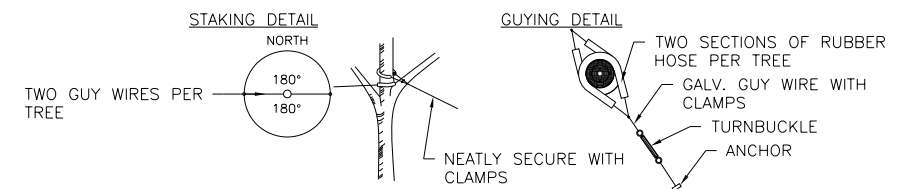
**COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12
AT STORM STRUCTURE CASTINGS**



TREE PLANTING DETAIL
NOT TO SCALE

GUYING STANDARDS

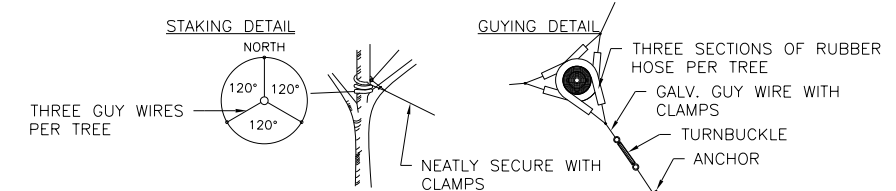
- TWO (2) ANCHORS (HOLDING CAPACITY 1100# PER ANCHOR IN NORMAL SOIL.
- 13' OF 1/8" 7x7 GALVANIZED STEEL CABLE WITH TURNBUCKLE ATTACHED MID-CABLE.
- 1/2" DIAMETER THIN WALL P.V.C. TUBING (WHITE) 48" MINIMUM LENGTH. ONE (1) REQUIRED/EACH GUY.
- TWO (2) TURNBUCKLES, EYE AND EYE TYPE, 3/8" THREAD DIAMETER WITH 3" TAKE-UP
- FOUR (4) 1/8" CABLE CLAMPS, ZINC PLATED (DR-2 STEEL DRIVE ROD 2' LONG WITH 1/4" ROUND DRIVING TIP NEEDED TO INSTALL ANCHORS. ONE ROD, NOT INCLUDED IN KIT, DRIVES HUNDREDS OF ANCHORS)
- TWO (2) RUBBER HOSE TREE COLLARS, 21" LONG, EA.



*APPLIES TO SINGLE TRUNK DECIDUOUS TREES 3" CAL. AND LESS & EVERGREEN TREES 8' HT. AND LESS

GUYING STANDARDS

- THREE (3) ANCHORS (HOLDING CAPACITY 1100# PER ANCHOR IN NORMAL SOIL.
- 13' OF 1/8" 7x7 GALVANIZED STEEL CABLE WITH TURNBUCKLE ATTACHED MID-CABLE.
- 1/2" DIAMETER THIN WALL P.V.C. TUBING (WHITE) 48" MINIMUM LENGTH. ONE (1) REQUIRED/EACH GUY.
- THREE (3) TURNBUCKLES, EYE AND EYE TYPE, 3/8" THREAD DIAMETER WITH 3" TAKE-UP
- SIX (6) 1/8" CABLE CLAMPS, ZINC PLATED (DR-2 STEEL DRIVE ROD 2' LONG WITH 1/4" ROUND DRIVING TIP NEEDED TO INSTALL ANCHORS. ONE ROD, NOT INCLUDED IN KIT, DRIVES HUNDREDS OF ANCHORS)
- THREE (3) RUBBER HOSE TREE COLLARS, 21" LONG, EA.



*APPLIES TO SINGLE TRUNK DECIDUOUS TREES GREATER THAN 3" CAL. & EVERGREEN TREES GREATER THAN 8' HT.

TREE GUYING DETAIL
NOT TO SCALE

HRG PROJECT NO.: 191891
HRG PROJ. CONTACT:
FILE NAME: 09039-SRT-06-1-07.dgn
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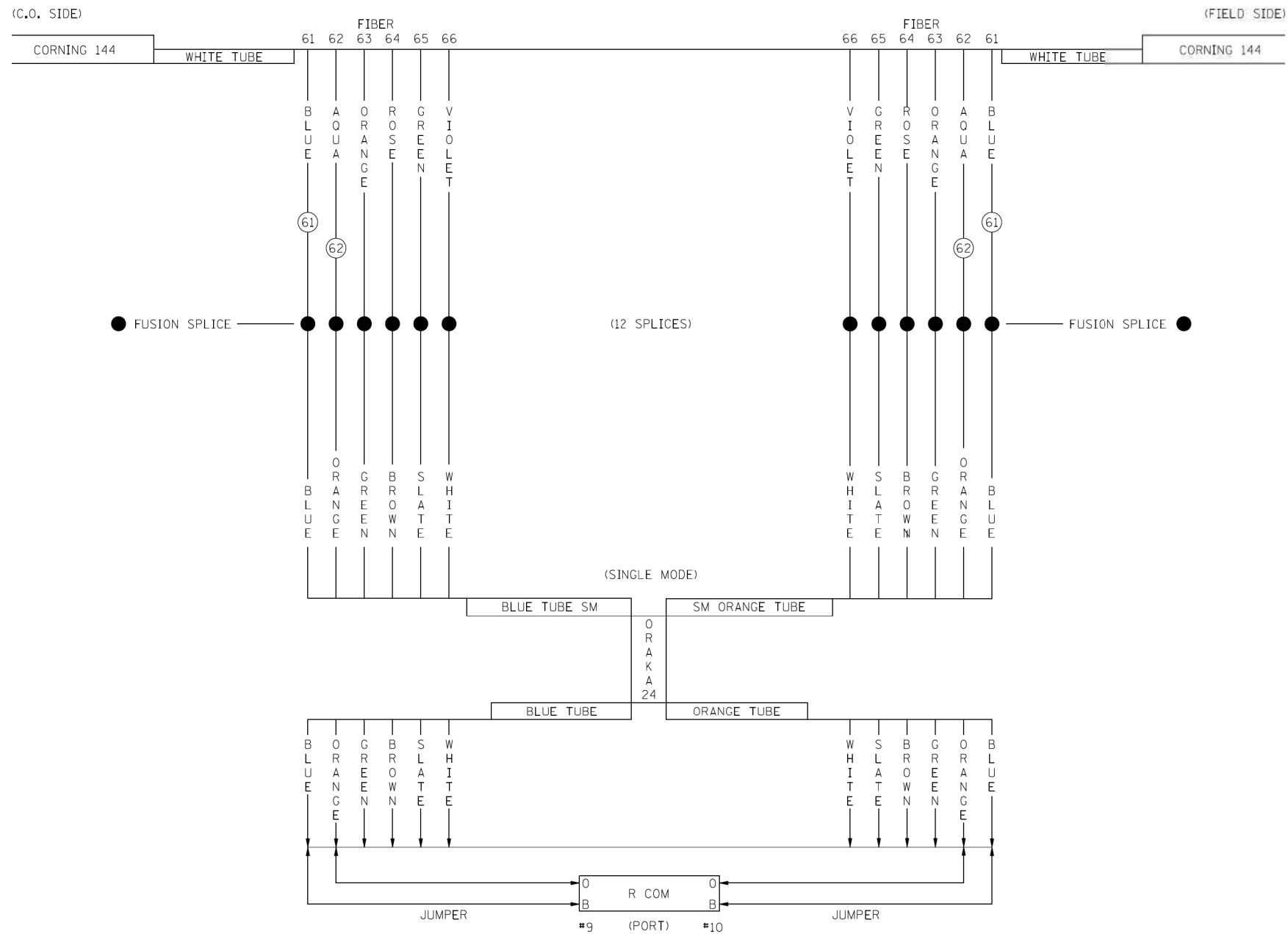
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS
INDIAN TRAIL ROAD**

SCALE: SHEET 7 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	201
				CONTRACT NO. 61H85
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL – FIBER 'T' SPLICE



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INCLUDED IN STD. 450 D6:

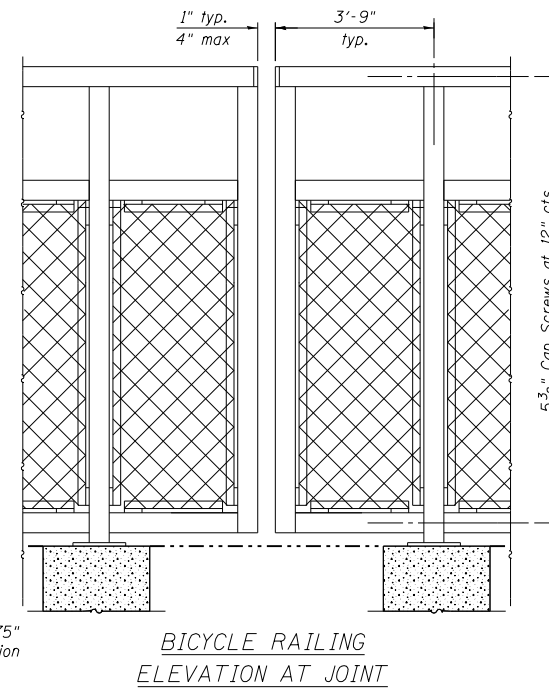
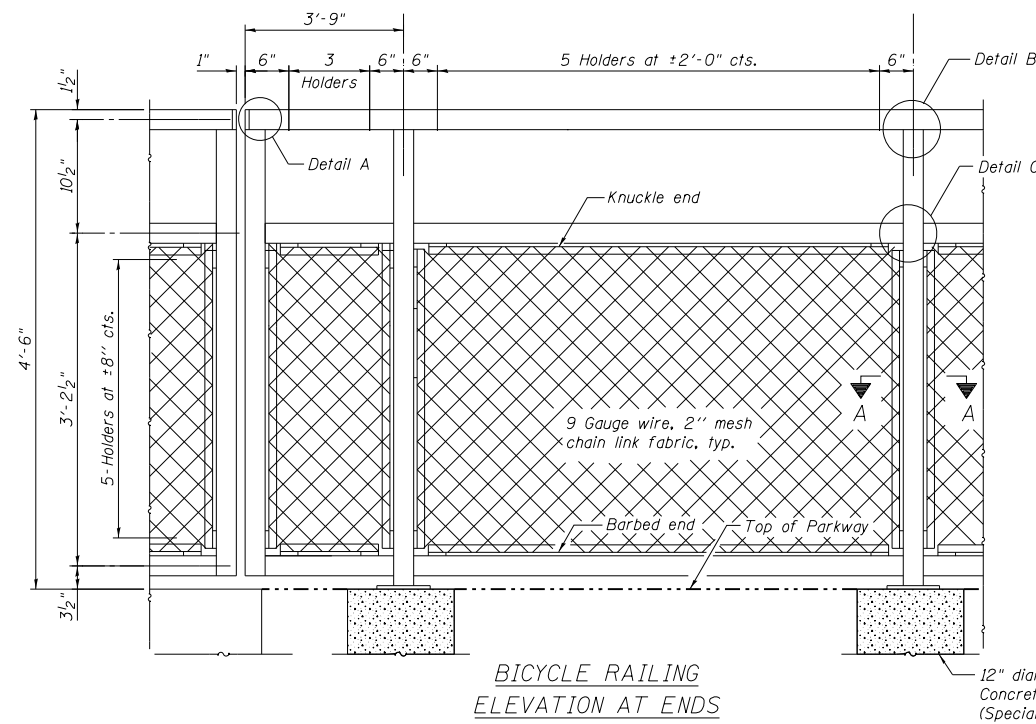
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- 1 EACH: 6-HOLE PORT
- 1 EACH: TRACER GROUND LUG

FIBER OPTIC INTERCONNECT AND SPLICE GENERAL NOTES

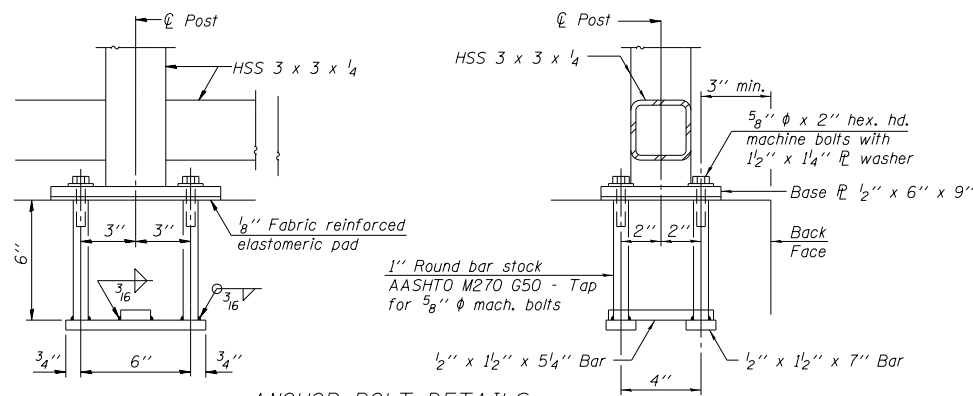
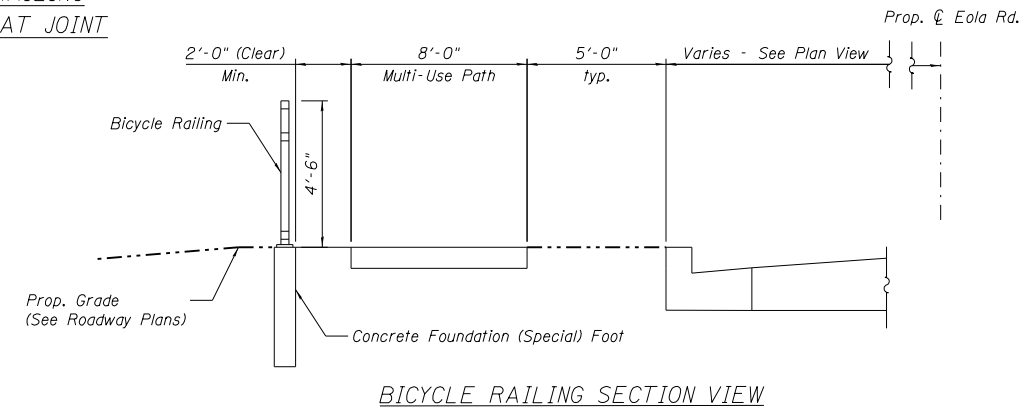
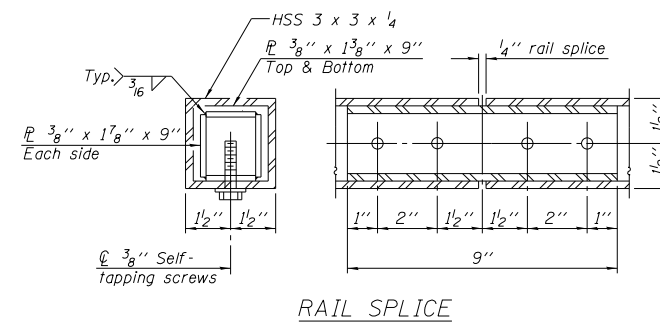
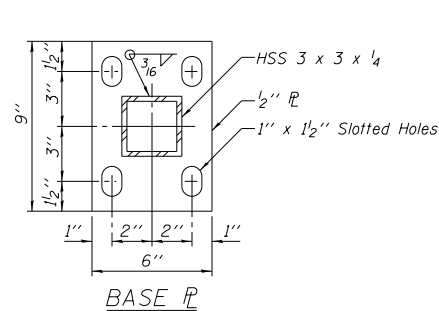
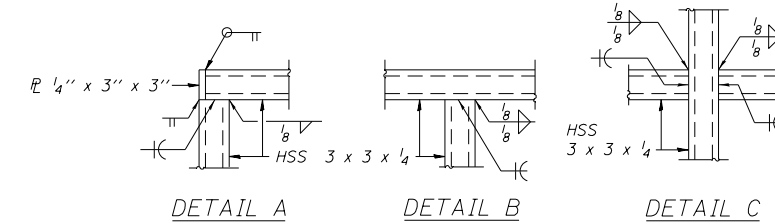
1. AT ALL CABINETS, THE FOLLOWING SHALL BE USED:
MULTI MODE - GREEN TUBE
SINGLE MODE - BLUE TUBE
2. AT ALL CABINETS, A MINIMUM OF SIX (6) MULTI MODE AND SIX (6) SINGLE MODE FIBERS SHALL BE TERMINATED WITH APPROVED MECHANICAL CONNECTORS AT THE DISTRIBUTION ENCLOSURE. FIBERS NOT ATTACHED SHALL BE CAPPED, SEALED, AND LABELED "MM SPARE" OR "SM SPARE".
3. THE DISTRIBUTION ENCLOSURE AND ALL CONNECTORS WILL BE INCLUDED IN THE COST OF THE FIBER OPTIC CABLE.
4. ALL FIBERS SHALL BE TERMINATED IN THE CABINET PRIOR TO THE FUSION SPLICE BEING PERFORMED, SO THAT OTDR TESTS CAN BE RUN TO APPROVE THE SPLICE.
5. OTDR TESTING SHALL BE INCLUDED IN THE COST OF THE FIBER OPTIC SPLICE.
6. AT THE CABINET, TERMINATE ALL TWELVE (12) SINGLE MODE WITH "SC" MECHANICAL CONNECTORS.
7. AT THE CABINET, TERMINATE ALL MULTI MODE WITH "ST" MECHANICAL CONNECTORS.

USER NAME = jstrzal	DESIGNED - KH	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE = 20,0075' = 1" in.	CHECKED - JJS	REVISED -
PLOT DATE = 3/1/2023	DATE -	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	202
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				

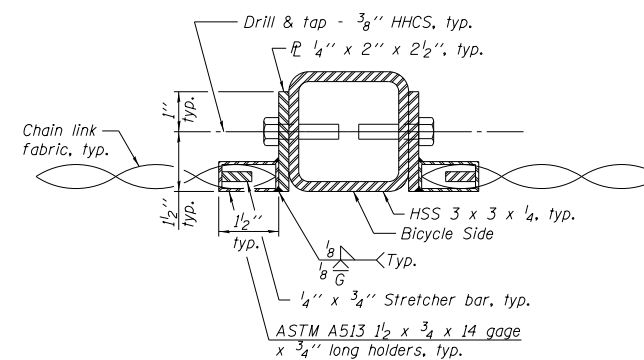


Note:
All post, railing, splices, anchor devices, and bent plates shall be powder coated black. The powder coating system to be used shall be approved by the engineer prior to the coating process.



In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting 5/8" diameter anchor rods according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.

(10'-0" Maximum Post Spacing)



Note:
All post, railing, splices, anchor devices and bent plates shall be powder coated black.

HRG PROJECT NO: 191891
HRG PROJ CONTACT:
FILE NAME: 191891-SHT-DET-08.dgn
CLOUTIER, L. J. DET-08.dwg
PEN: TABLET/06/06/2023

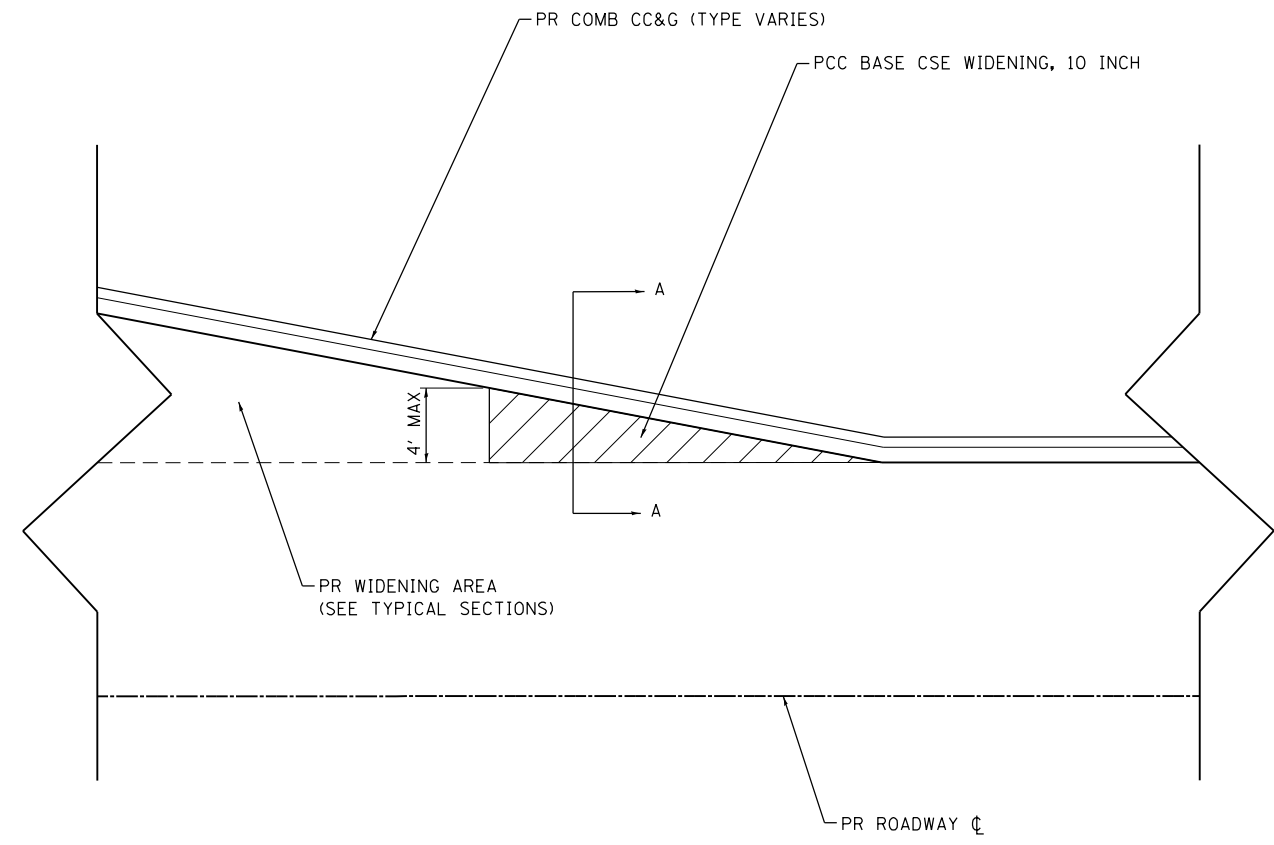


USER NAME = jstrzal	DESIGNED - KH	REVISED -
PLOT SCALE = 20,0075' / in.	DRAWN - DMS	REVISED -
PLOT DATE = 3/1/2023	CHECKED - JJS	REVISED -
	DATE -	REVISED -

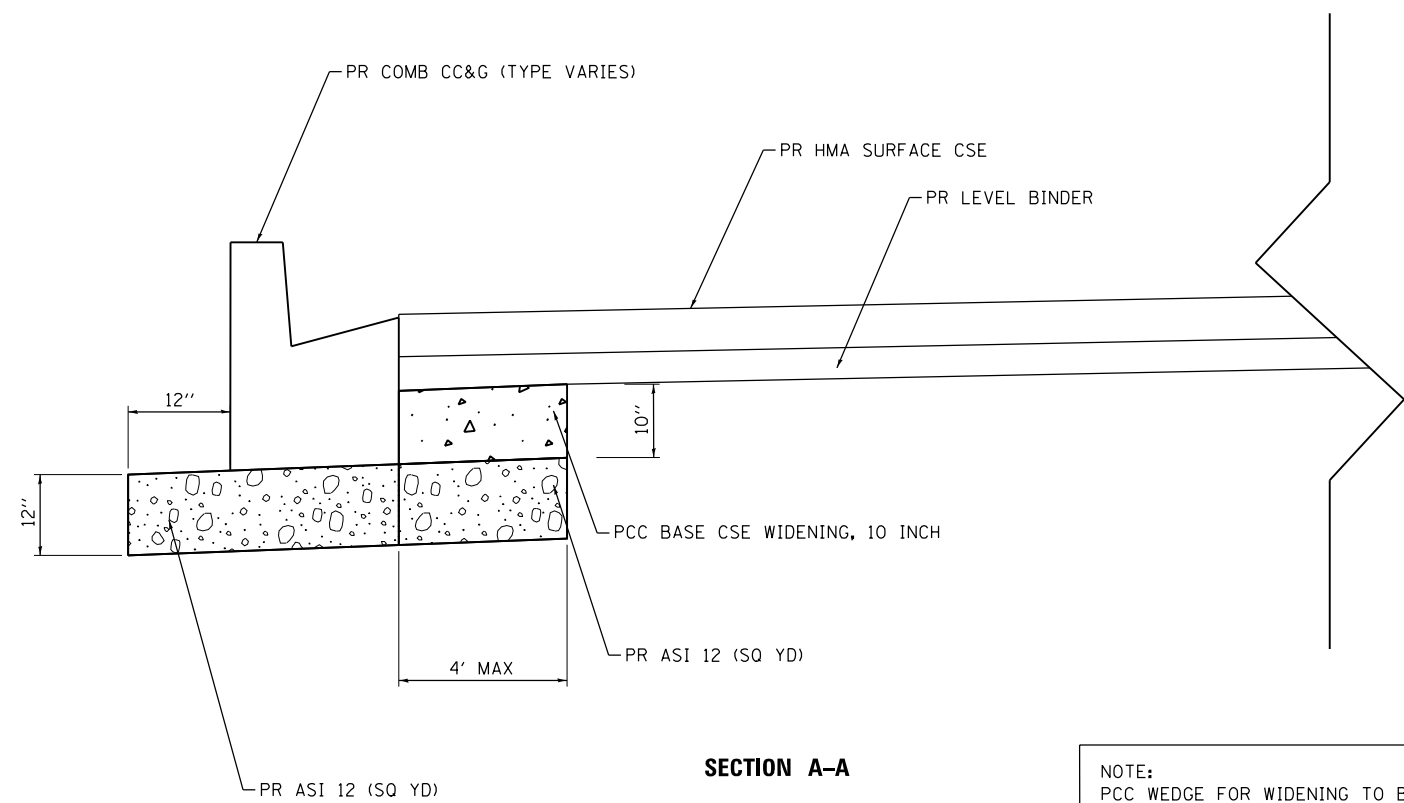
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS		INDIAN TRAIL ROAD	
SCALE:	SHEET 9 OF 10 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	203
CONTRACT NO. 61H85			ILLINOIS FED. AID PROJECT	



PLAN VIEW



SECTION A-A

NOTE:
PCC WEDGE FOR WIDENING TO BE CONSTRUCTED
WHENEVER WIDENING WIDTH IS FOUR (4) FEET AND
LESS.

TRANSITION DETAIL FOR WIDENING

HRG PROJECT NO.: 191391
HRG PROJ. CONTACT:
FILE NAME: 191391-SHT-06-10.dgn
CLOTHERS: L:\2021\191391\191391.dwg
PEN TABLE: 191391.tbl



USER NAME = jstrzal	DESIGNED - KH	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE = 20,0075' / in.	CHECKED - JJS	REVISED -
PLOT DATE = 3/1/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
INDIAN TRAIL ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	204
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H85	

BY	DATE
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

BY	DATE
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

HRG PROJECT No: 19039
 FILE NAME: 19039 - I-55-IndianTrailRoad
 PLOT DRIVER: J. Jeff Beatty
 PEN TABLE: plot.tbl



USER NAME	= jstrzal
DESIGNED	- KH
DRAWN	- DMS
CHECKED	- JJS
DATE	-
PLOT SCALE	= 20.0000' / in.
PLOT DATE	= 3/1/2023

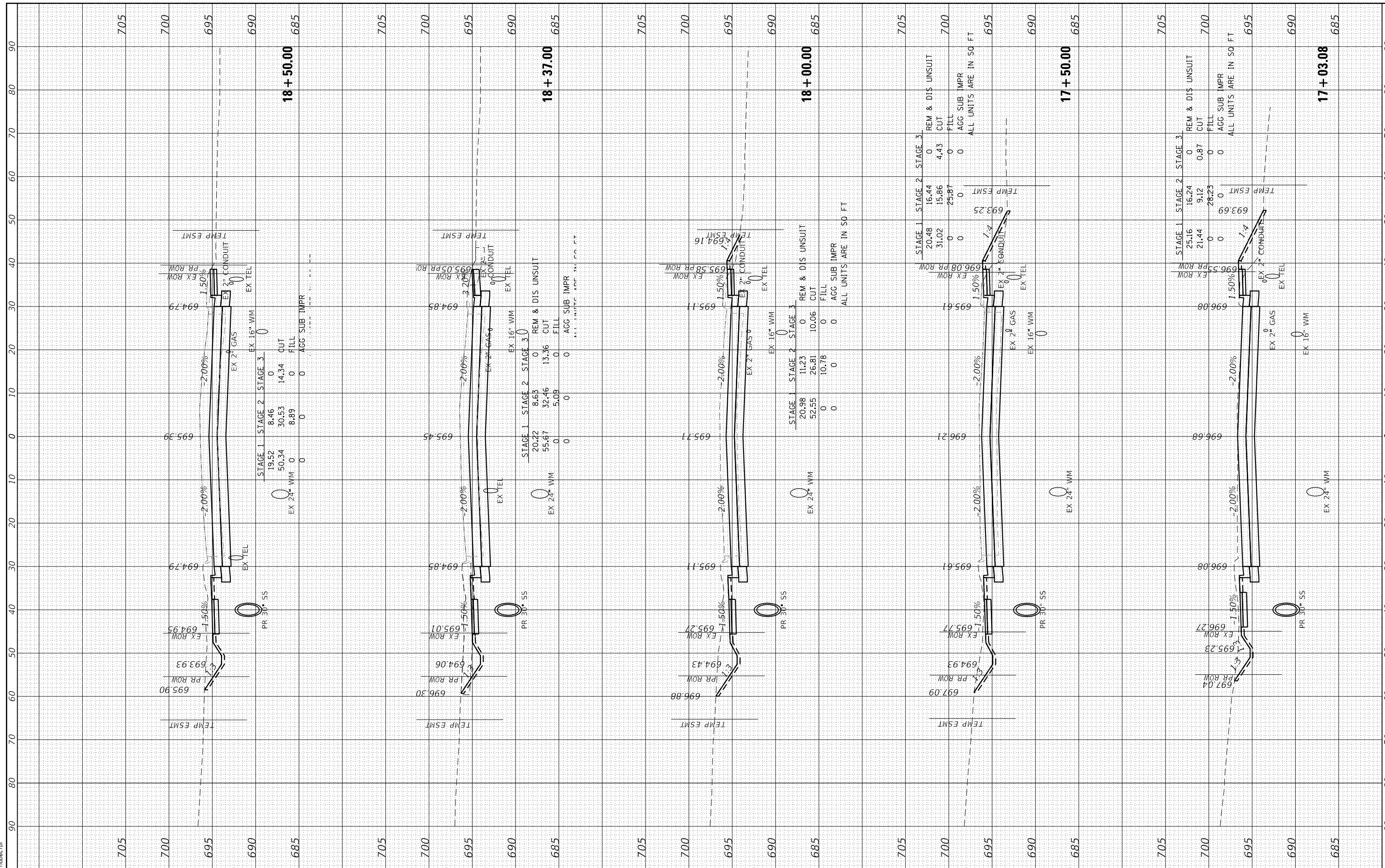
REVISION	- XX/XX/XXXX
REVISION	- XX/XX/XXXX
REVISION	- XX/XX/XXXX
REVISION	- XX/XX/XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
INDIAN TRAIL ROAD**

SCALE: N.T.S. SHEET 1 OF 14 SHEETS STA. 17+03.08 TO STA. 18+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	205
CONTRACT NO. 61H85			ILLINOIS FED. AID PROJECT	



BY	DATE
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

BY	DATE
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

HRG PROJECT No: 19039
 FILE NAME: 19039 - I-55-IndianTrailRoad
 PLOT DRIVER: J. Jeff Beatty
 PEN TABLE: plot.tbl



USER NAME	= jstrzal
DESIGNED	- KH
DRAWN	- DMS
CHECKED	- JJS
DATE	-
PLOT SCALE	= 20.0000' / in.
PLOT DATE	= 3/1/2023

REVISION	- XX/XX/XXXX
REVISION	- XX/XX/XXXX
REVISION	- XX/XX/XXXX
REVISION	- XX/XX/XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
INDIAN TRAIL ROAD**

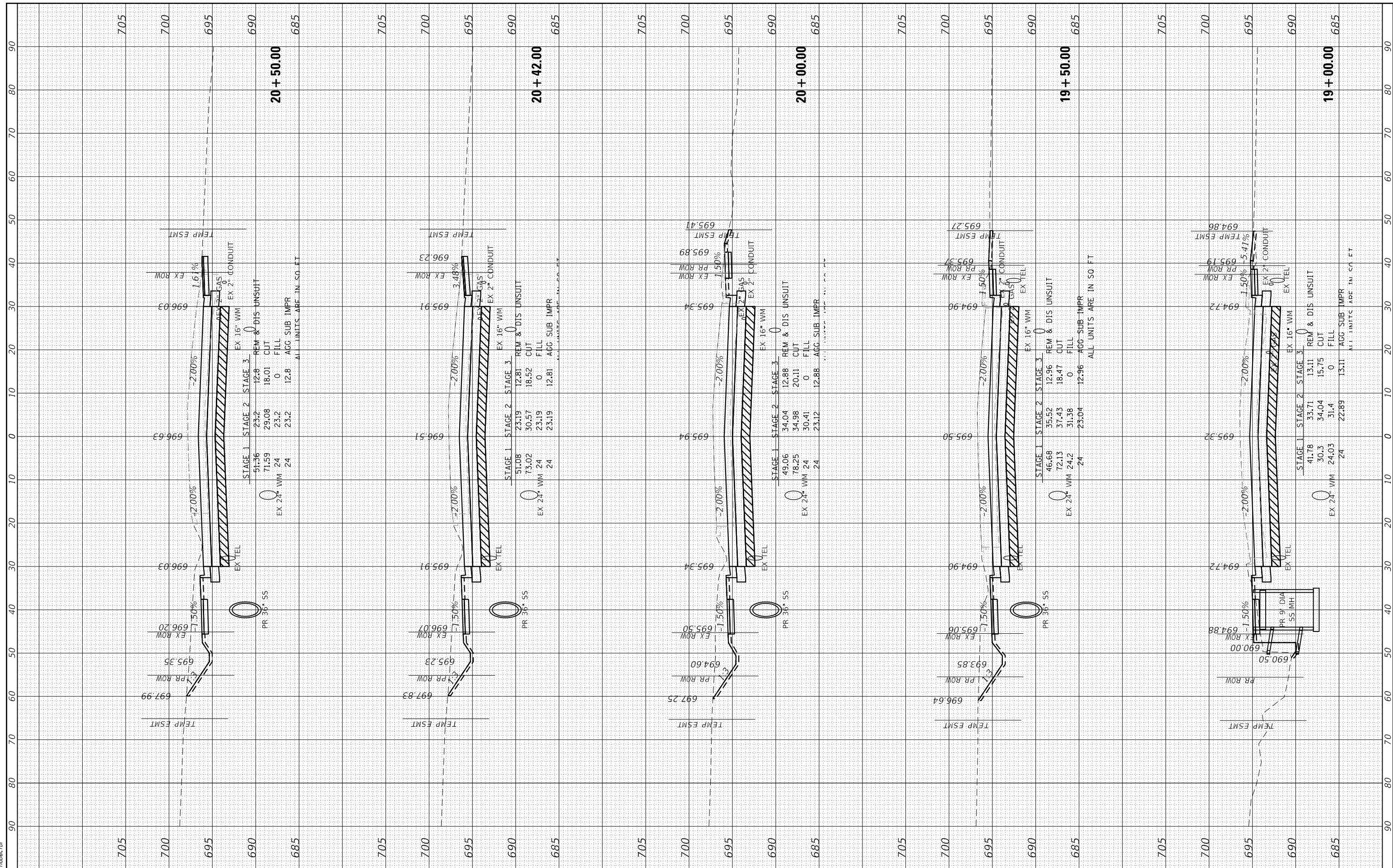
SCALE: N.T.S. SHEET 1 OF 14 SHEETS STA. 17+03.08 TO STA. 18+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	205
CONTRACT NO. 61H85			ILLINOIS FED. AID PROJECT	

BY	DATE

BY	DATE

HRG PROJECT No: 1939
 FILE NAME: \\s:\info\1939\1939-02\1939-02-02.dwg
 PLOT DRIVER: jstzjal
 PEN TABLE: plot.tbl



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 #184-001322

USER NAME =	jstzjal
DESIGNED -	KH
DRAWN -	DMS
CHECKED -	JJS
DATE -	
REVISED -	XX/XX/XXXX
REVISED -	XX/XX/XXXX
REVISED -	XX/XX/XXXX
REVISED -	XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 INDIAN TRAIL ROAD**

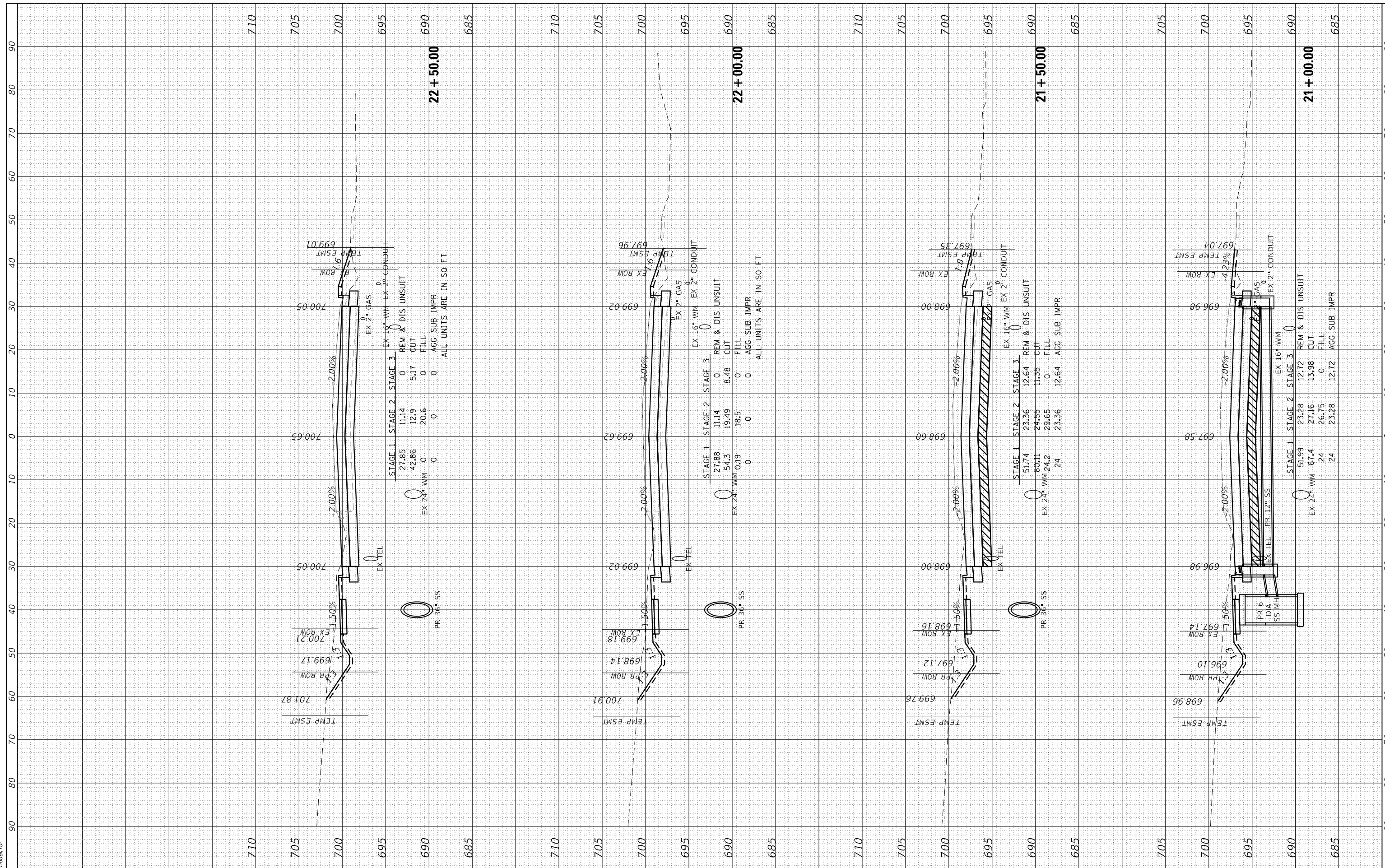
SCALE: N.T.S. SHEET 2 OF 14 SHEETS STA. 19+00.00 TO STA. 20+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	206
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

HRG PROJECT No: 19/39
 FILE NAME: 1939 - ss - Indian Trail Rd
 PLOT DRIVER: jstrzal
 PEN TABLE: plot.tbl



USER NAME = jstrzal	DESIGNED - KH	REVISED - XX/XX/XXXX
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE = 20.0000' / in.	CHECKED - JJS	REVISED - XX/XX/XXXX
PLOT DATE = 3/1/2023	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

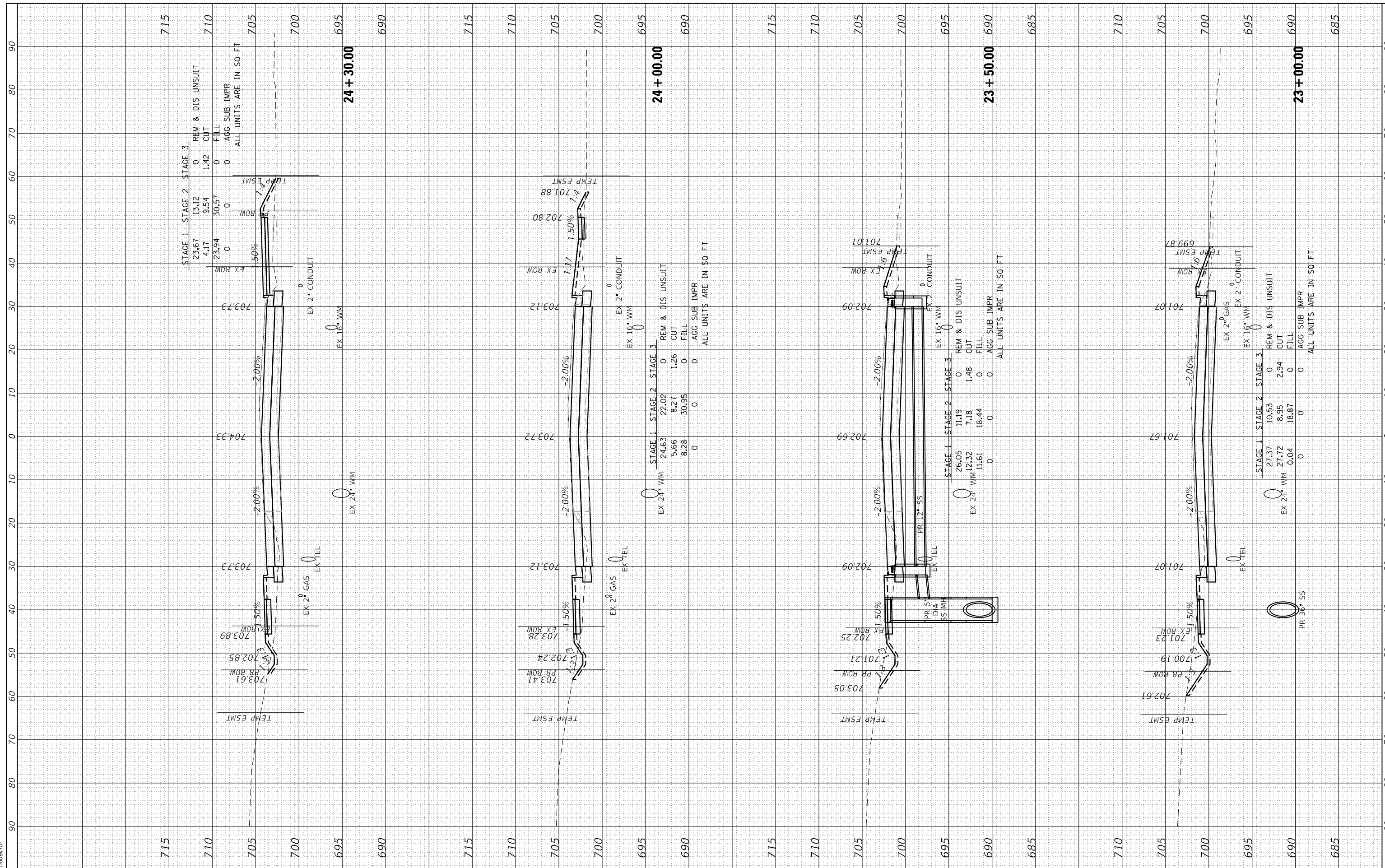
CROSS SECTIONS INDIAN TRAIL ROAD		
SCALE: N.T.S.	SHEET 3 OF 14 SHEETS	STA. 21+00.00 TO STA. 22+50.00

F.A.U. RTE. 1503	SECTION 06-00260-02-PV	COUNTY KANE	TOTAL SHEETS 227	SHEET NO. 207
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H85	

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

HRG PROJECT No: 19139
 FILE NAME: 19139 - ss - Indian Trail Road
 PLOT DRIVER: jstrzal
 PEN TABLE: plot.tbl



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USER NAME	= jstrzal
DESIGNED	- KH
DRAWN	- DMS
CHECKED	- JJS
DATE	-
PLOT SCALE	= 20.0000' / in.
PLOT DATE	= 3/1/2023

REVISION	- XX/XX/XXXX
REVISION	- XX/XX/XXXX
REVISION	- XX/XX/XXXX
REVISION	- XX/XX/XXXX

REVISION	- XX/XX/XXXX
REVISION	- XX/XX/XXXX
REVISION	- XX/XX/XXXX
REVISION	- XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 INDIAN TRAIL ROAD**

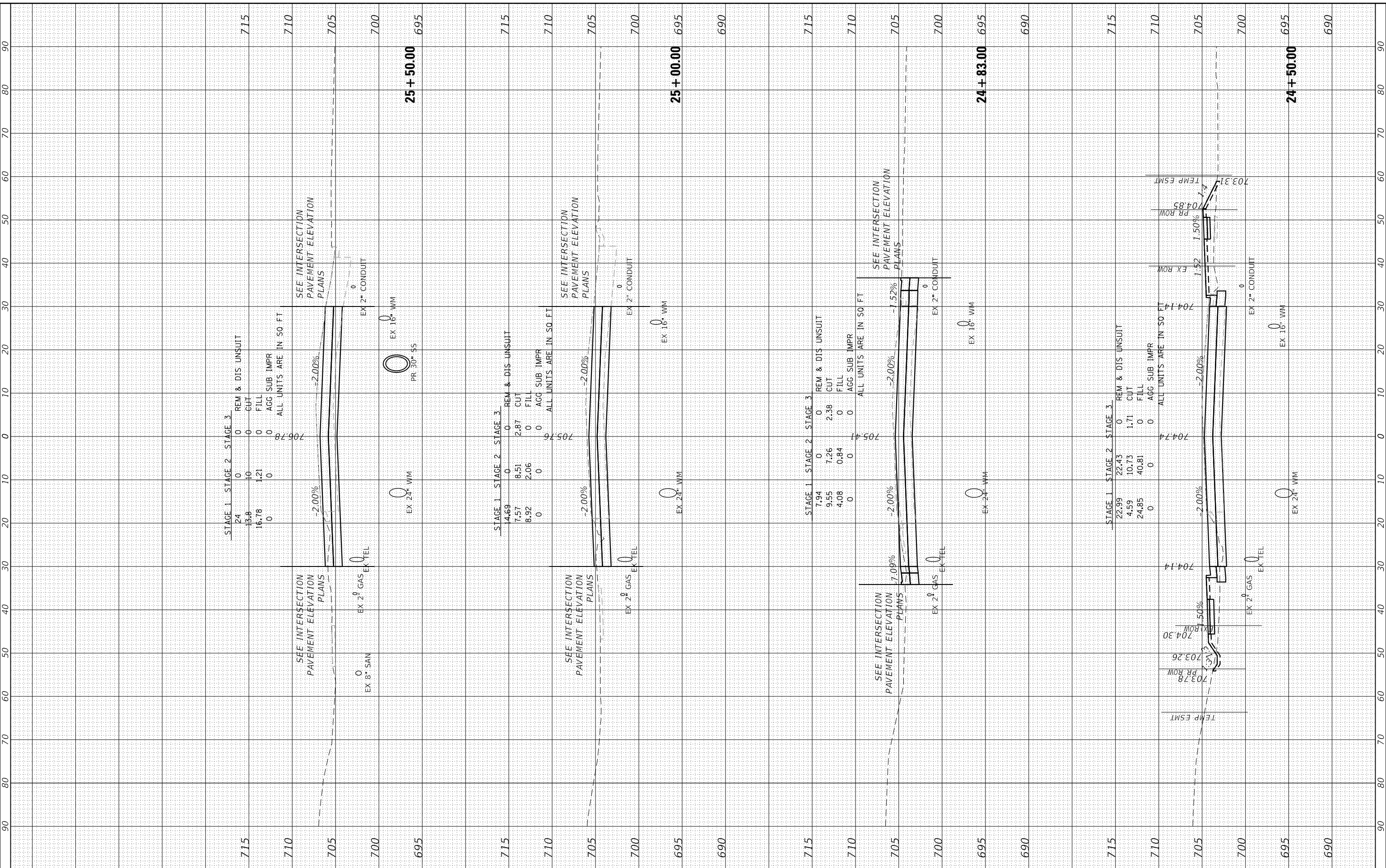
SCALE: N.T.S. SHEET 4 OF 14 SHEETS STA. 23+00.00 TO STA. 24+30.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	208
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	CHECKED		

HRG PROJECT No: 19139
 FILE NAME: 19139 - ss-IndianTrail.cgm
 PLOT DRIVER: l_caf_baprc6g
 PEN TABLE: plb10tbl.tbl



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 Illinois Professional Design Firm
 #184-001322

USER NAME	= jstrzal
DESIGNED	- KH
DRAWN	- DMS
CHECKED	- JJS
DATE	-

REVISION	- XX/XX/XXXX
REVISION	- XX/XX/XXXX
REVISION	- XX/XX/XXXX
REVISION	- XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE:	N.T.S.
SHEET	5 OF 14 SHEETS
STA.	24+50.00 TO STA. 25+50.00

**CROSS SECTIONS
 INDIAN TRAIL ROAD**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	209
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	BY	DATE
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

HRG PROJECT NO. 19139
 PROJECT NAME: I-55/INDIAN TRAIL
 FILE NAME: 19139_I-55-IndianTrail.dwg
 PLOT DRIVER: lprc_baprc6g
 PEN TABLE: plot.tbl



HRGreen.com
 Illinois Professional Design Firm
 #184-001322

USER NAME	= jstrzal
DESIGNED	- KH
DRAWN	- DMS
CHECKED	- JJS
DATE	-

DESIGNED	- KH
DRAWN	- DMS
CHECKED	- JJS
DATE	-

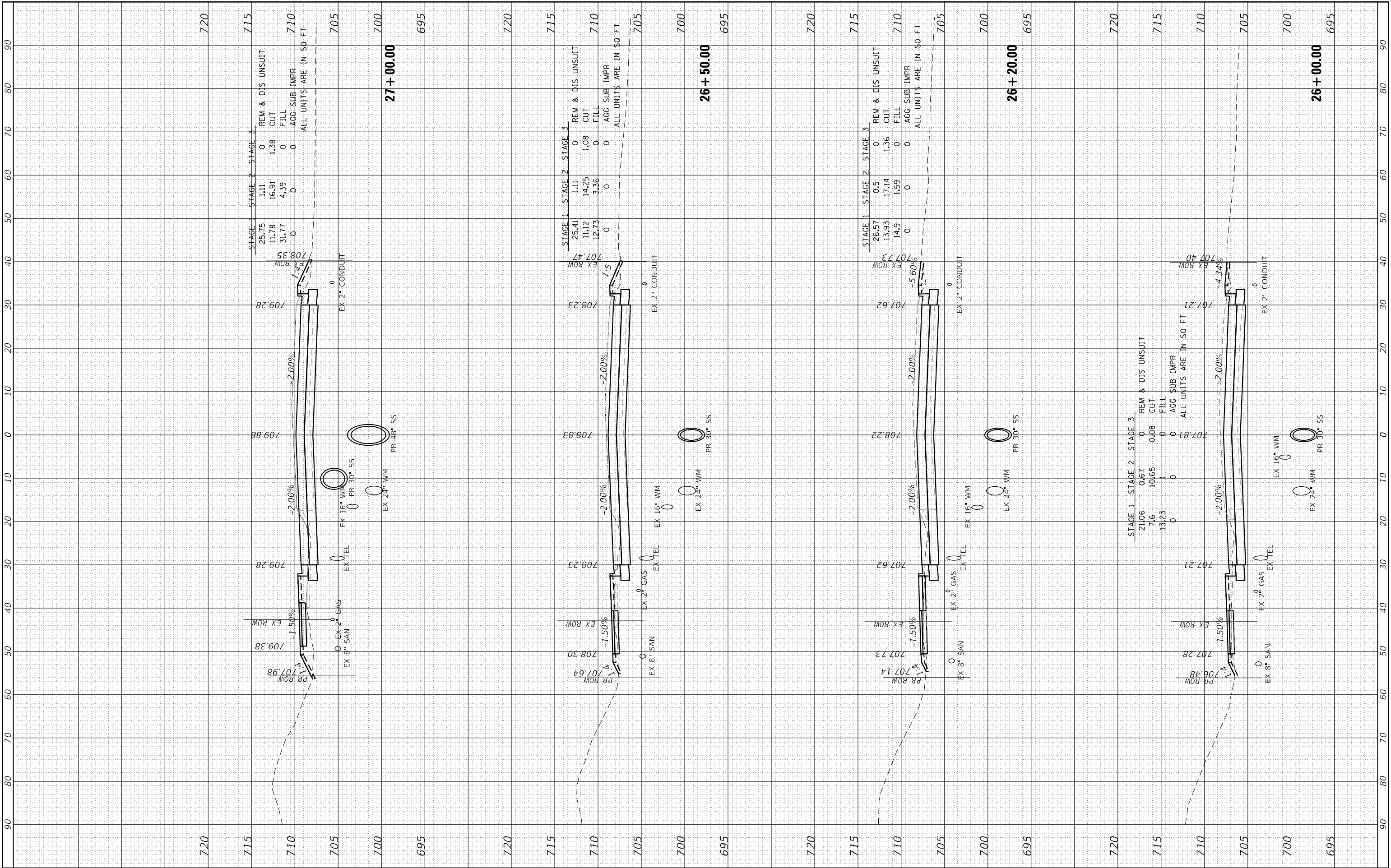
REVISED	- XX/XX/XXXX
REVISED	- XX/XX/XXXX
REVISED	- XX/XX/XXXX
REVISED	- XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 INDIAN TRAIL ROAD**

SCALE: N.T.S. SHEET 6 OF 14 SHEETS STA. 26+00.00 TO STA. 27+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	210
				CONTRACT NO. 61H85
				ILLINOIS FED. AID PROJECT



STAGE 1				STAGE 2				STAGE 3			
25.75	11.11	1.11	0	25.75	11.11	1.11	0	25.75	11.11	1.11	0
11.78	16.91	1.38	0	11.78	16.91	1.38	0	11.78	16.91	1.38	0
31.77	4.39	0	0	31.77	4.39	0	0	31.77	4.39	0	0
0	0	0	0	0	0	0	0	0	0	0	0
AGG. SUB IMPR											
ALL UNITS ARE IN SQ. FT.											

STAGE 1				STAGE 2				STAGE 3			
25.41	11.11	1.11	0	25.41	11.11	1.11	0	25.41	11.11	1.11	0
11.12	14.25	1.08	0	11.12	14.25	1.08	0	11.12	14.25	1.08	0
12.73	3.36	0	0	12.73	3.36	0	0	12.73	3.36	0	0
0	0	0	0	0	0	0	0	0	0	0	0
AGG. SUB IMPR											
ALL UNITS ARE IN SQ. FT.											

STAGE 1				STAGE 2				STAGE 3			
26.57	0.5	0	0	26.57	0.5	0	0	26.57	0.5	0	0
13.93	17.14	1.36	0	13.93	17.14	1.36	0	13.93	17.14	1.36	0
14.9	1.59	0	0	14.9	1.59	0	0	14.9	1.59	0	0
0	0	0	0	0	0	0	0	0	0	0	0
AGG. SUB IMPR											
ALL UNITS ARE IN SQ. FT.											

STAGE 1				STAGE 2				STAGE 3			
21.06	0.67	0	0	21.06	0.67	0	0	21.06	0.67	0	0
7.6	10.65	0.08	0	7.6	10.65	0.08	0	7.6	10.65	0.08	0
13.23	0	0	0	13.23	0	0	0	13.23	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
AGG. SUB IMPR											
ALL UNITS ARE IN SQ. FT.											

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

HRG PROJECT No: 1939
 FILE NAME: 1939 - ss - Indian Trail
 PLOT DRIVER: j_lorif_ba@hrctg
 PEN TABLE: p101a@hrctg



USER NAME	= jstrzal
DESIGNED	- KH
DRAWN	- DMS
CHECKED	- JJS
DATE	-
PLOT SCALE	= 20.0000' / in.
PLOT DATE	= 3/1/2023

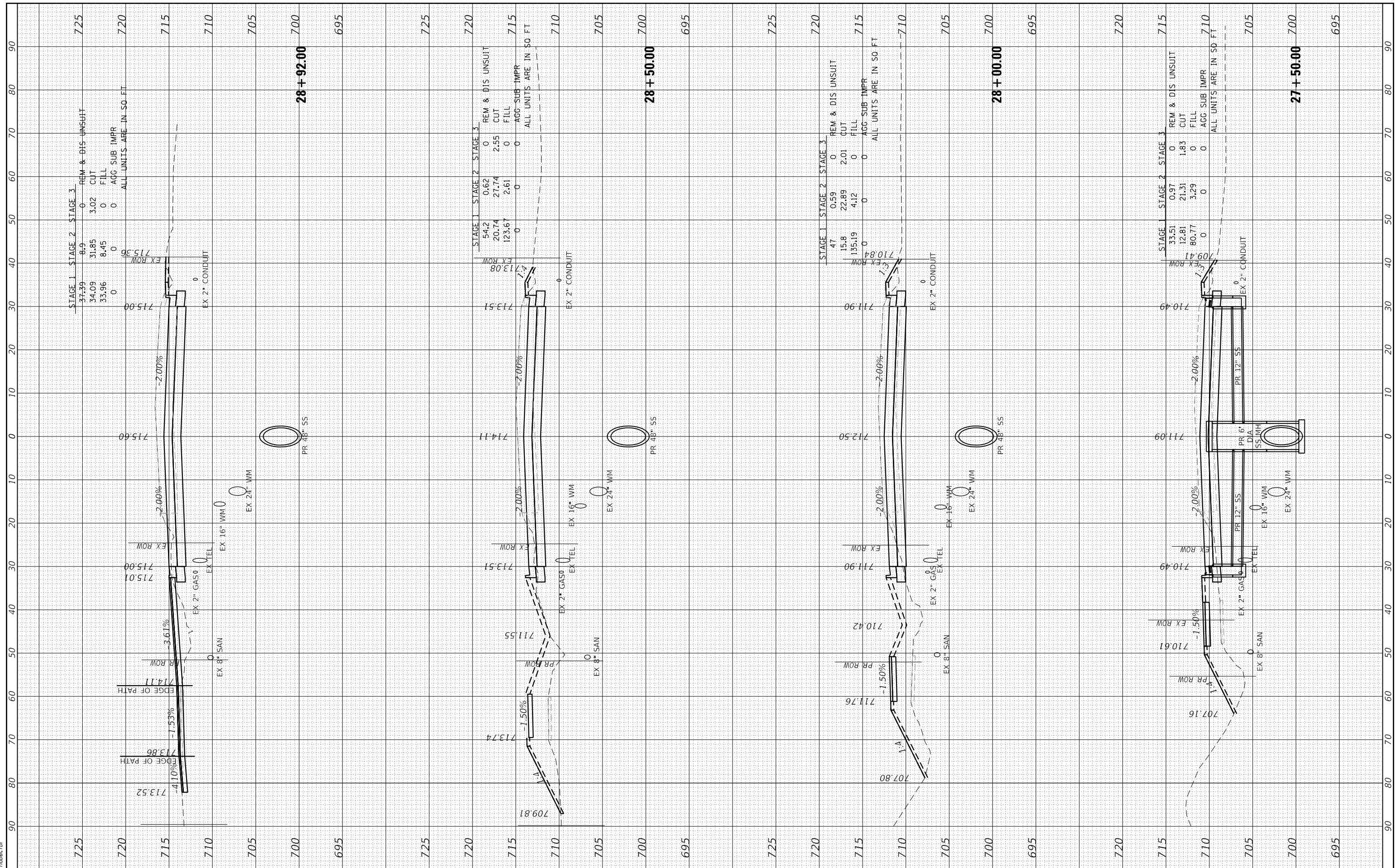
REVISIONS	- XX/XX/XXXX
REVISIONS	- XX/XX/XXXX
REVISIONS	- XX/XX/XXXX
REVISIONS	- XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 INDIAN TRAIL ROAD**

SCALE: N.T.S. SHEET 7 OF 14 SHEETS STA. 27+50.00 TO STA. 28+92.00

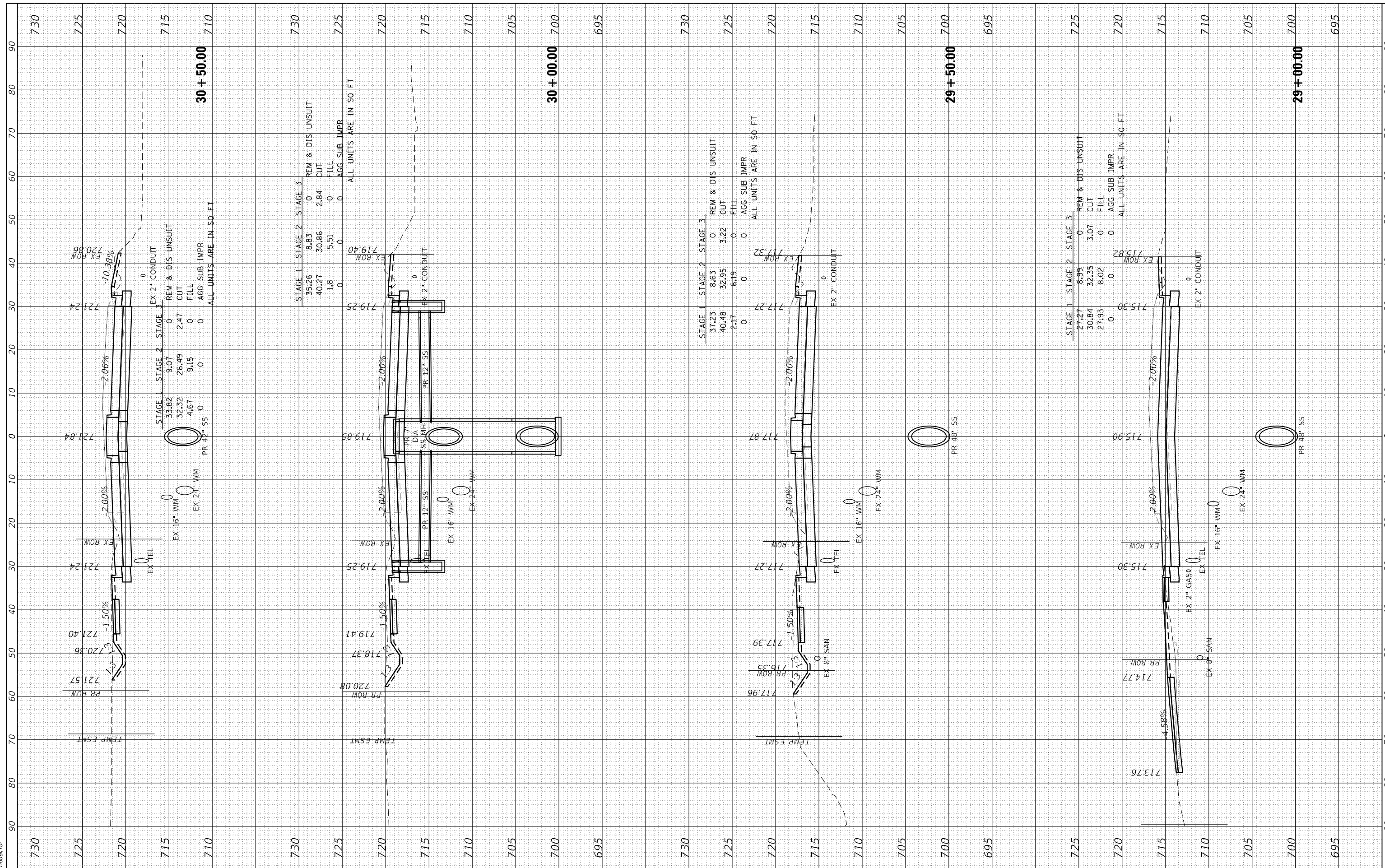
F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	211
				CONTRACT NO. 61H85
ILLINOIS FED. AID PROJECT				



FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

HRG PROJECT No: 1939
 FILE NAME: 1939-11-15-IndianTrail.cdwg
 PLOT DRIVER: jstzjal
 PEN TABLE: plot.tbl



USER NAME = jstzjal	DESIGNED - KH	REVISED - XX/XX/XXXX
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE = 20.0000' / in.	CHECKED - JJS	REVISED - XX/XX/XXXX
PLOT DATE = 3/1/2023	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
INDIAN TRAIL ROAD**

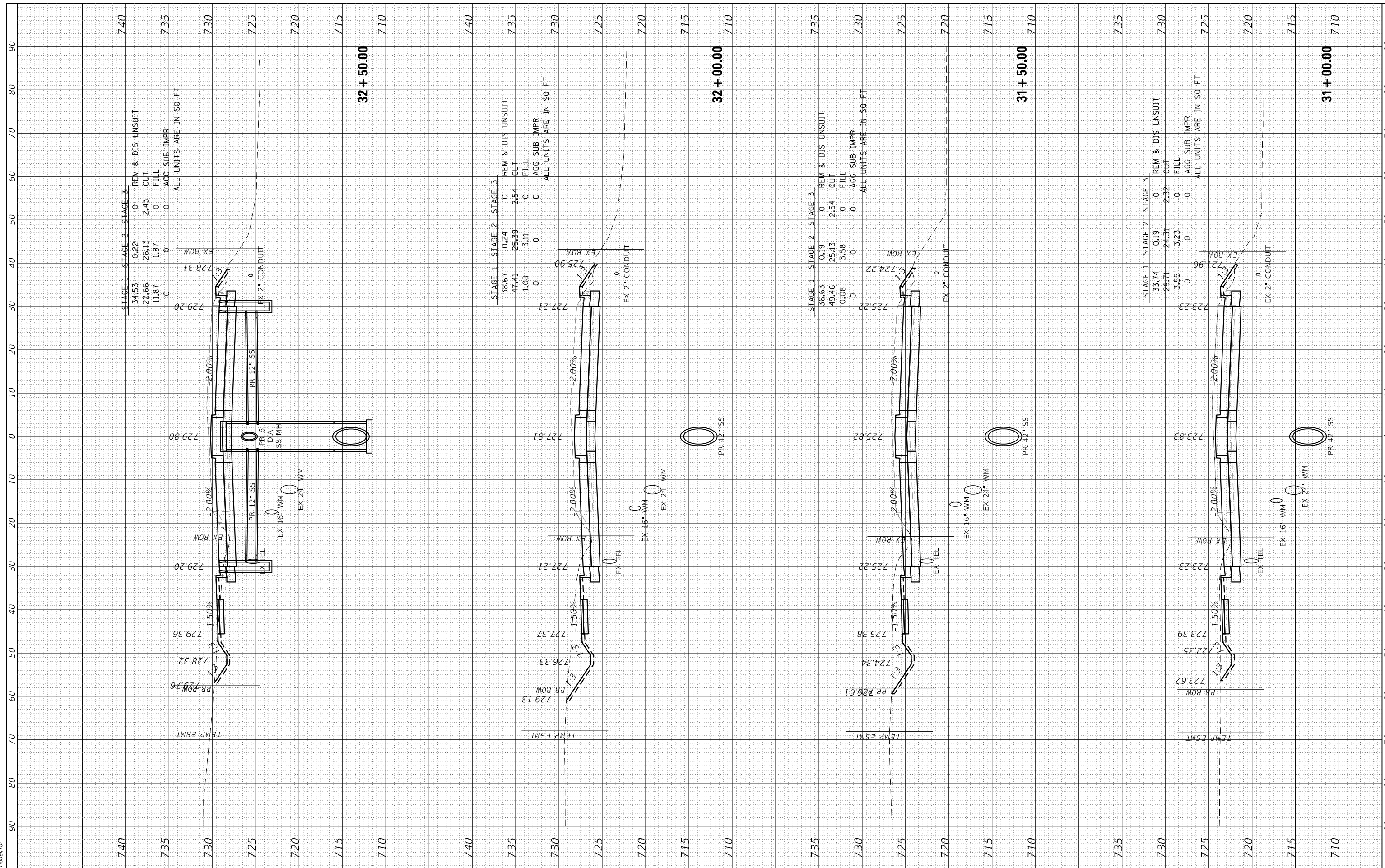
SCALE: N.T.S. SHEET 8 OF 14 SHEETS STA. 29+00.00 TO STA. 30+50.00

F.A.U. RTE. 1503	SECTION 06-00260-02-PV	COUNTY KANE	TOTAL SHEETS 227	SHEET NO. 212
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NO. _____	PLOTTED		
NOTE BOOK	TEMPLATE		
AREAS CHECKED	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NO. _____	PLOTTED		
NOTE BOOK	TEMPLATE		
AREAS CHECKED	AREAS CHECKED		

HRG PROJECT No: 19139
 FILE NAME: 19139_11-ss-IndianTrail.cad
 PLOT DRIVER: lprf_bmpcrt6g
 PEN TABLE: p10.tbl



STAGE 1	STAGE 2	STAGE 3	REM & DIS
34.53	0.22	0	UNSUITS
22.66	26.13	2.43	CUT
11.87	1.87	0	FILL
0	0	0	AGG SUB IMPR
ALL UNITS ARE IN SQ FT			

STAGE 1	STAGE 2	STAGE 3	REM & DIS
38.67	0.24	0	UNSUITS
47.41	25.39	2.54	CUT
1.08	3.11	0	FILL
0	0	0	AGG SUB IMPR
ALL UNITS ARE IN SQ FT			

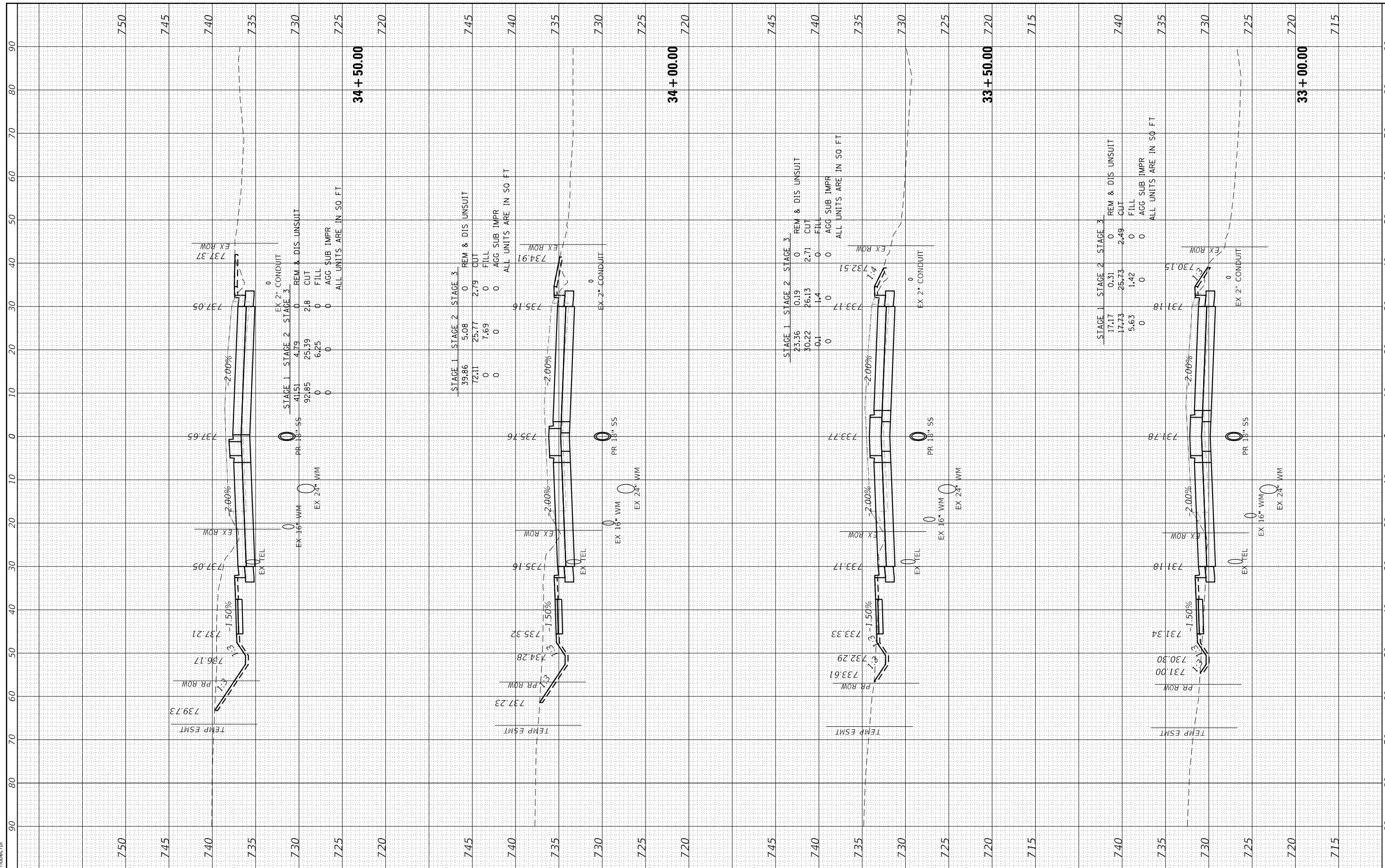
STAGE 1	STAGE 2	STAGE 3	REM & DIS
36.63	0.19	0	UNSUITS
49.46	25.13	2.54	CUT
0.08	3.58	0	FILL
0	0	0	AGG SUB IMPR
ALL UNITS ARE IN SQ FT			

STAGE 1	STAGE 2	STAGE 3	REM & DIS
33.74	0.19	0	UNSUITS
29.71	24.31	2.32	CUT
3.55	3.23	0	FILL
0	0	0	AGG SUB IMPR
ALL UNITS ARE IN SQ FT			

BY	DATE
SURVEYED	PLOTTED
TEMPLATE	AREAS CHECKED
NO.	AREAS CHECKED

BY	DATE
SURVEYED	PLOTTED
TEMPLATE	AREAS CHECKED
NO.	AREAS CHECKED

HRG PROJECT No: 1939
 FILE NAME: 1939-11-15-IndianTrailRoad
 PLOT DRIVER: j_lanf_ba@hrctg
 PEN TABLE: p10/tae/tai



USER NAME	= jstrzal
DESIGNED	- KH
DRAWN	- DMS
CHECKED	- JJS
DATE	-

REVISION	- XX/XX/XXXX
REVISION	- XX/XX/XXXX
REVISION	- XX/XX/XXXX
REVISION	- XX/XX/XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
INDIAN TRAIL ROAD**

SCALE: 10H:5V SHEET 10 OF 14 SHEETS STA. 33+00.00 TO STA. 34+50.00

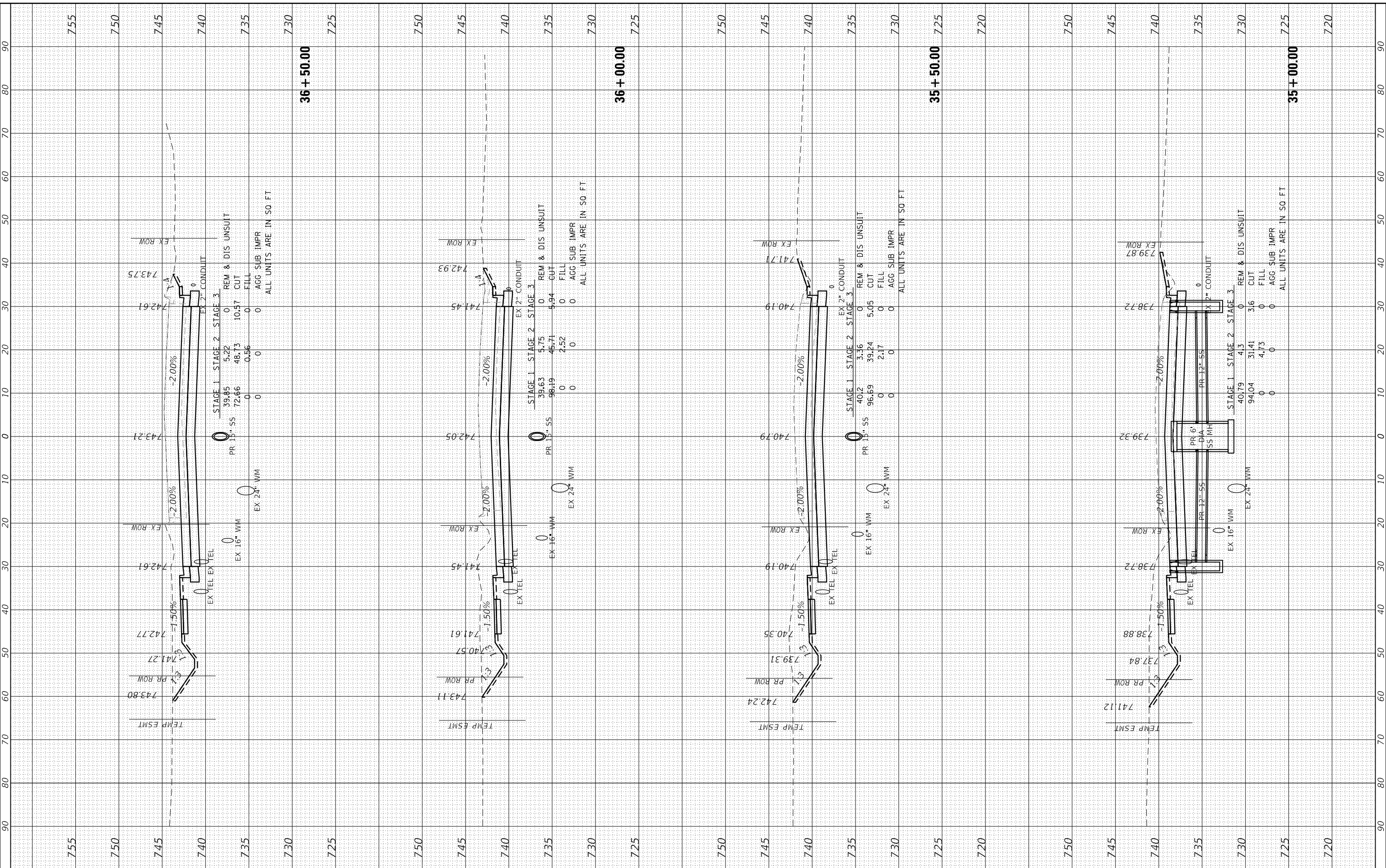
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	214
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		

HRG PROJECT NO: 1939
 PROJECT NAME: 1503 - ITR - 06-00260-02-PV
 FILE NAME: 1503 - ITR - 06-00260-02-PV.dwg
 PLOT DRIVER: jstrzal
 PEN TABLE: plot.tbl



HRGreen.com
 Illinois Professional Design Firm
 #184-001322

USER NAME	= jstrzal
DESIGNED	- KH
DRAWN	- DMS
CHECKED	- JJS
DATE	-

REVISIONS	- XX/XX/XXXX
REVISIONS	- XX/XX/XXXX
REVISIONS	- XX/XX/XXXX
REVISIONS	- XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 INDIAN TRAIL ROAD**

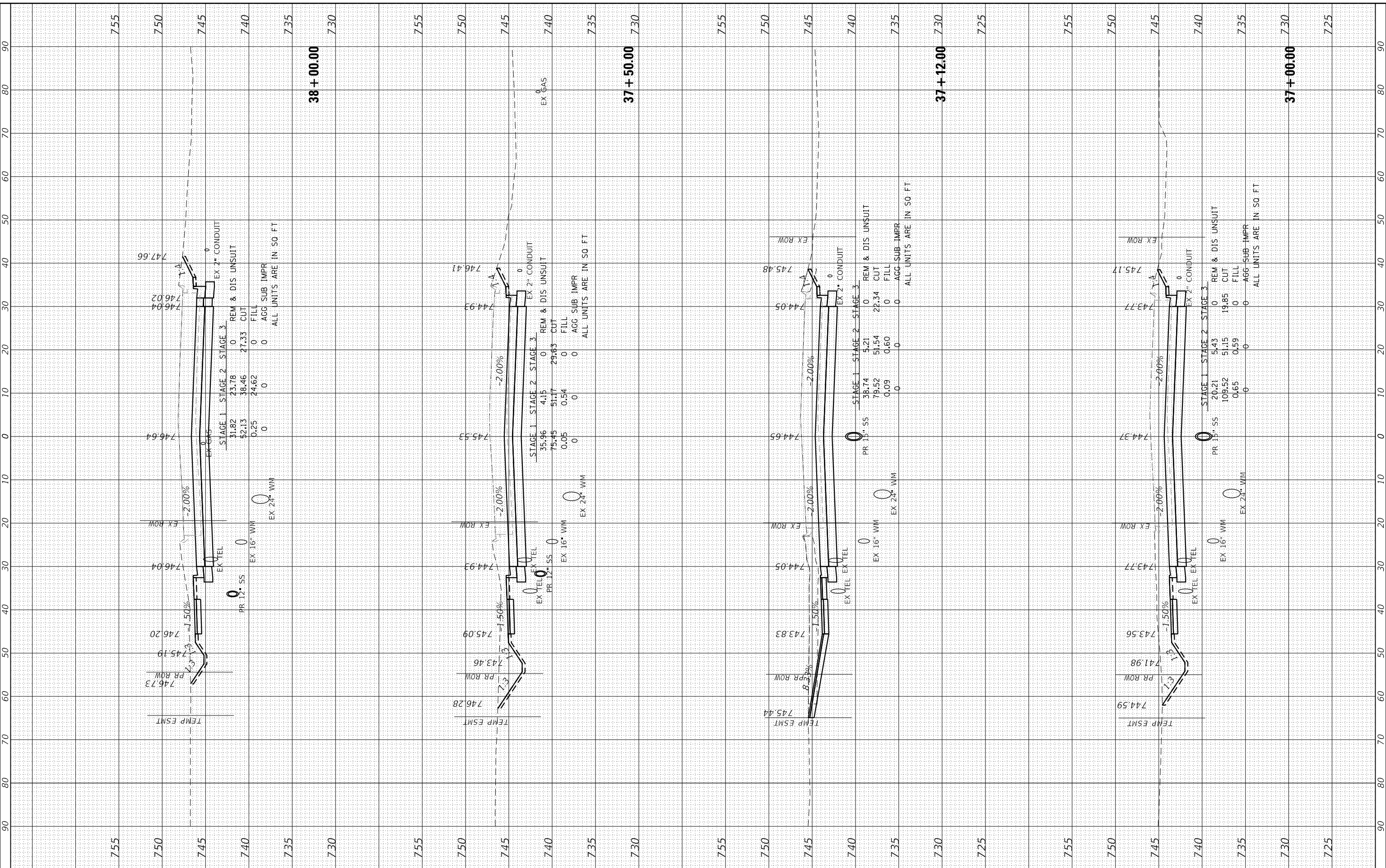
SCALE: 10H:5V SHEET 11 OF 14 SHEETS STA. 35+00.00 TO STA. 36+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	215
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

HRG PROJECT No: 1939
 FILE NAME: 1939 - 06-00260-02-PV.dwg
 PLOT DRIVER: jlrp_baprc6g
 PEN TABLE: p10.tbl



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USER NAME	= jstrzal
DESIGNED	- KH
DRAWN	- DMS
CHECKED	- JJS
DATE	-

REVISION	- XX/XX/XXXX
REVISION	- XX/XX/XXXX
REVISION	- XX/XX/XXXX
REVISION	- XX/XX/XXXX

STATE OF ILLINOIS	DEPARTMENT OF TRANSPORTATION
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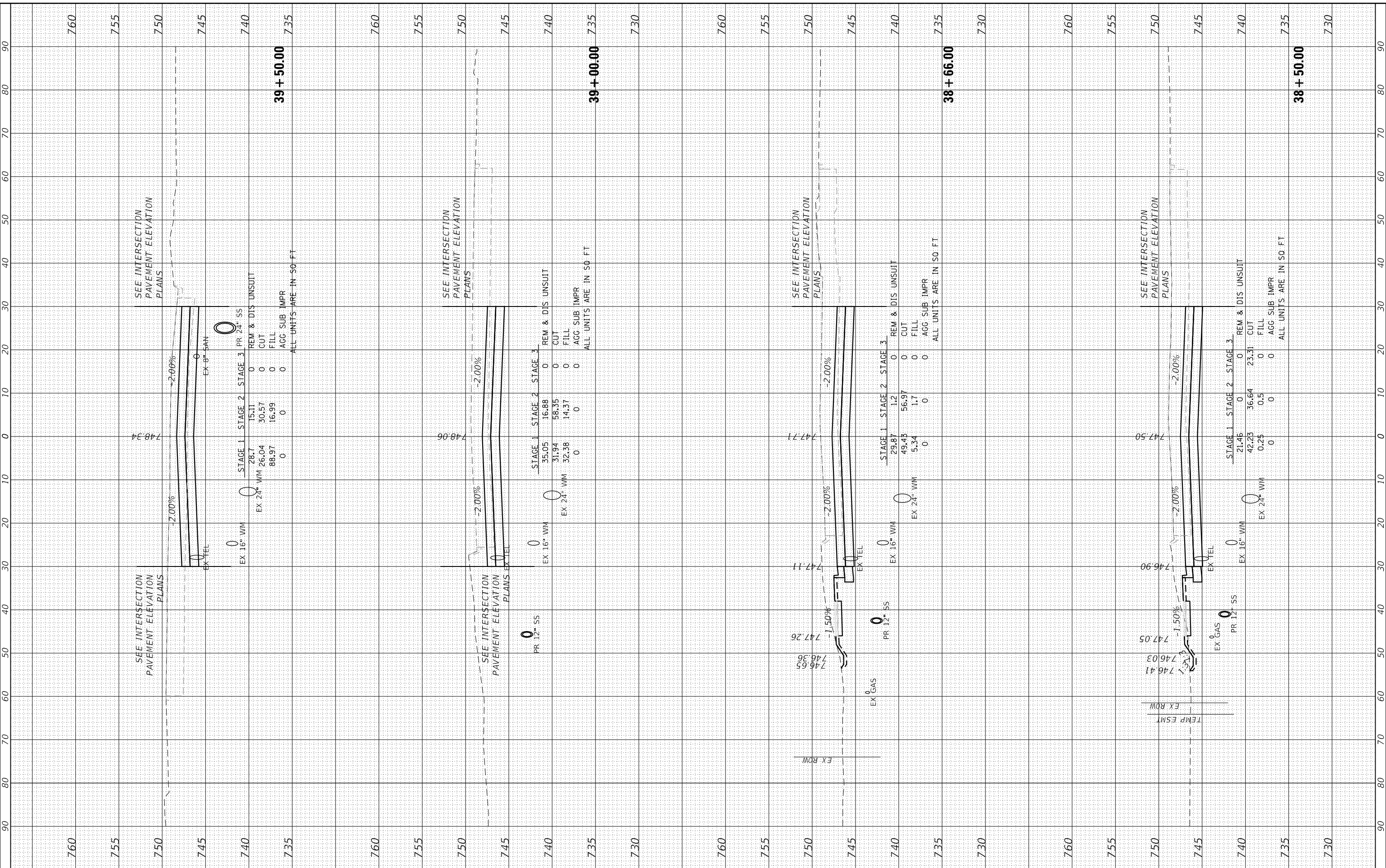
CROSS SECTIONS	INDIAN TRAIL ROAD
SCALE: N.T.S.	SHEET 12 OF 14 SHEETS
STA. 37+00.00	TO STA. 38+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	216
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	CHECKED		

HRG PROJECT No: 1939
 FILE NAME: 1939 - ss-IndianTrailIgn
 PLOT DRIVER: jstrzal
 PEN TABLE: plot.tbl



USER NAME	= jstrzal
DESIGNED	- KH
DRAWN	- DMS
CHECKED	- JJS
DATE	-

REVISION	- XX/XX/XXXX
REVISION	- XX/XX/XXXX
REVISION	- XX/XX/XXXX
REVISION	- XX/XX/XXXX

DESIGNED	- KH
DRAWN	- DMS
CHECKED	- JJS
DATE	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:	N.T.S.
SHEET	13 OF 14 SHEETS
STA.	38+50.00 TO STA. 39+50.00

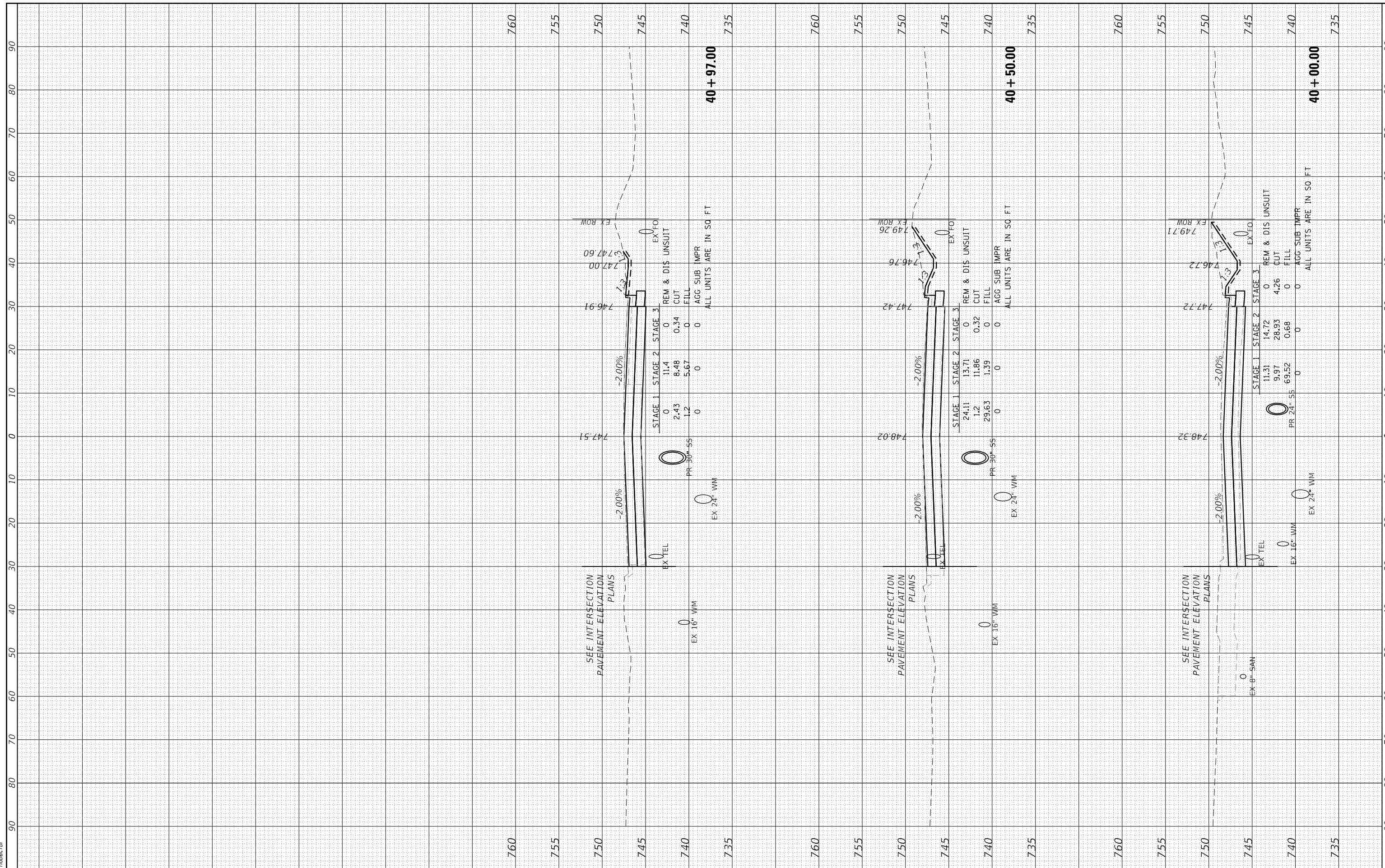
**CROSS SECTIONS
INDIAN TRAIL ROAD**

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	217
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

HRG PROJECT No: 19139
 FILE NAME: 19139 - 06-00260-02-PV
 PLOT DRIVER: jlsr\jlsr\p10tbltbl.tbl
 PEN TABLE: p10tbltbl.tbl



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USER NAME = jlsrjal	DESIGNED - KH	REVISED - XX/XX/XXXX
PLOT SCALE = 20.0000' / in.	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT DATE = 3/1/2023	CHECKED - JJS	REVISED - XX/XX/XXXX
	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 INDIAN TRAIL ROAD**

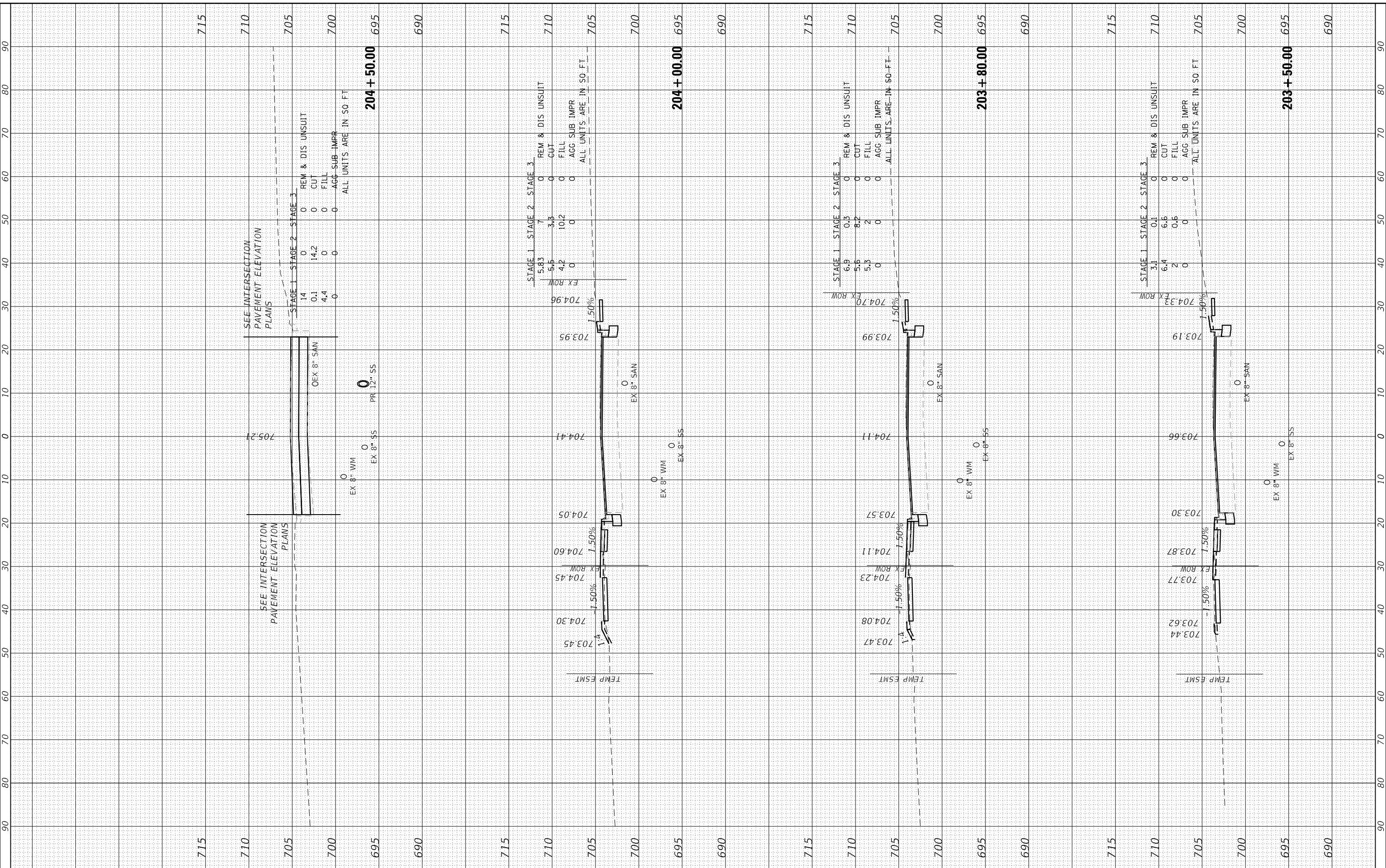
SCALE: N.T.S. SHEET 14 OF 14 SHEETS STA. 40+00.00 TO STA. 40+97.00

F.A.U. RTE. 1503	SECTION 06-00260-02-PV	COUNTY KANE	TOTAL SHEETS 227	SHEET NO. 218
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H85	

FINAL SURVEY	SURVEYED	BY	DATE
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

HRG PROJECT No: 19139
 PROJECT NAME: City of Chicago - High St
 FILE NAME: 19139 - High St.dgn
 PLOT DRIVER: j_lanf_ba@hrctc.com
 PEN TABLE: plottable.tbl



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USER NAME	= jstrzal
DESIGNED	- KH
DRAWN	- DMS
CHECKED	- JJS
DATE	-
PLOT SCALE	= 20.0000' / in.
PLOT DATE	= 3/1/2023

REVISION	- XX/XX/XXXX
REVISION	- XX/XX/XXXX
REVISION	- XX/XX/XXXX
REVISION	- XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 HIGH STREET**

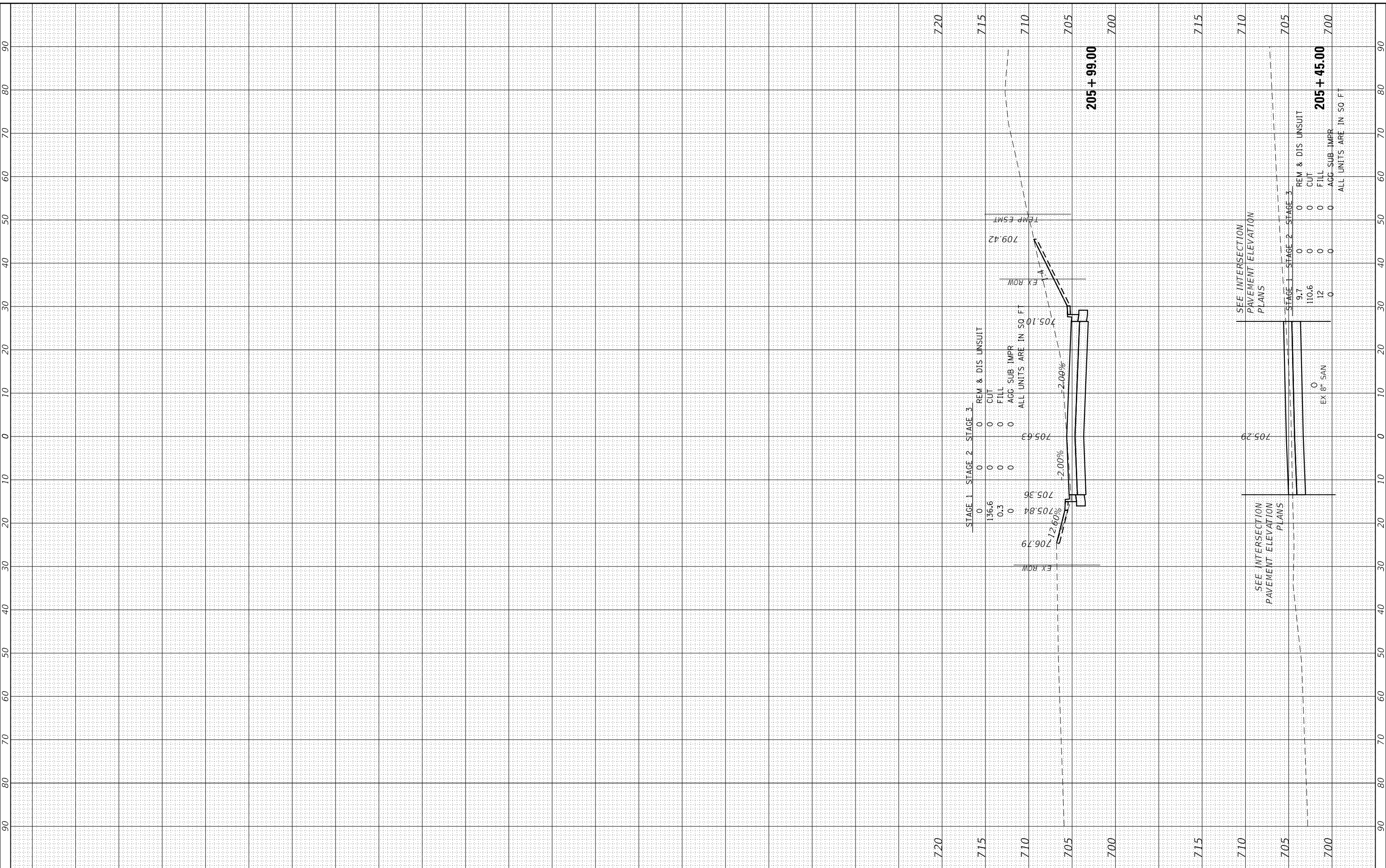
SCALE: 10H:5V SHEET 1 OF 2 SHEETS STA. 203+50.00 TO STA. 204+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	219
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

HRG PROJECT No: 19139
 FILE NAME: 19139 - 02-High.dgn
 PLOT DRIVER: jstrzal
 PEN TABLE: plot.tbl



STAGE 1	STAGE 2	STAGE 3	REM & DIS UNSUIT
0	0	0	CUT
136.6	0	0	FILL
0.3	0	0	ACG SUB IMPR
0	0	0	ALL UNITS ARE IN SQ FT

STAGE 1	STAGE 2	STAGE 3	REM & DIS UNSUIT
9.7	0	0	CUT
110.6	0	0	FILL
12	0	0	ACG SUB IMPR
0	0	0	ALL UNITS ARE IN SQ FT

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USER NAME = jstrzal
PLOT SCALE = 20.0000' / in.
PLOT DATE = 3/1/2023

DESIGNED - KH
DRAWN - DMS
CHECKED - JJS
DATE -

REVISED - XX/XX/XXXX
REVISED - XX/XX/XXXX
REVISED - XX/XX/XXXX
REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 HIGH STREET**

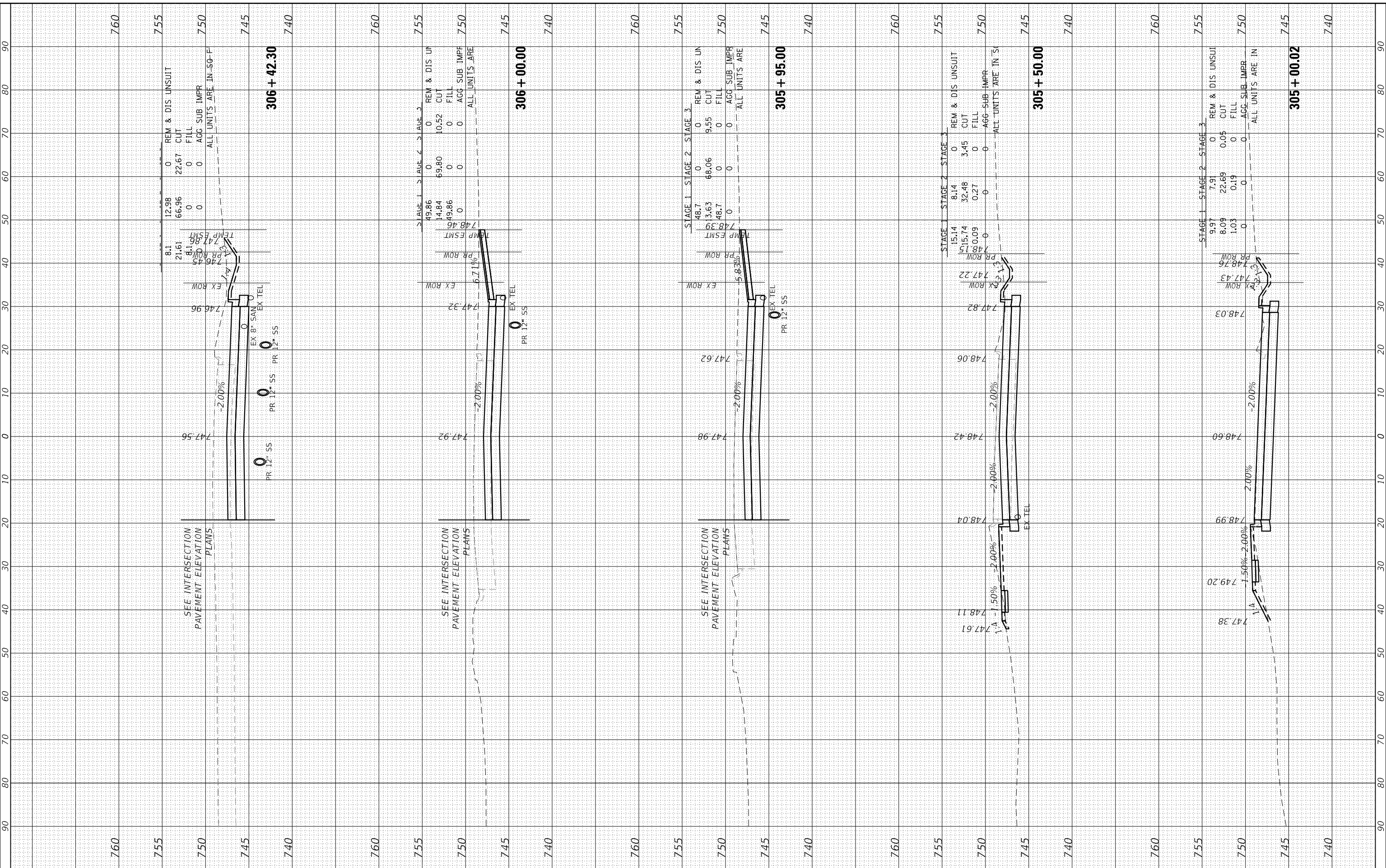
SCALE: 10H:5V SHEET 2 OF 2 SHEETS STA. 205+45.00 TO STA. 205+99.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	220
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

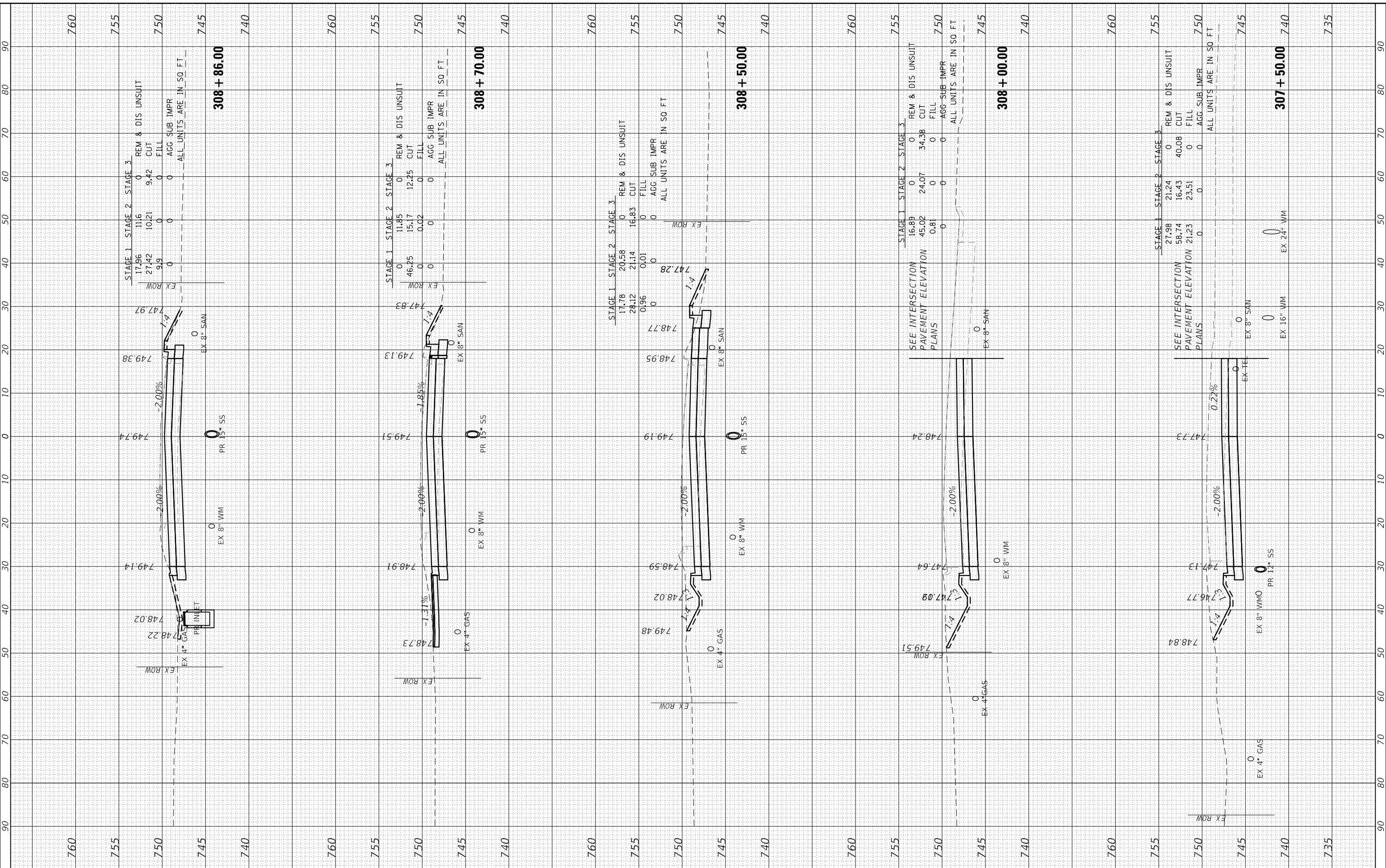
HRG PROJECT No: 19/39
 FILE NAME: 1939 - Church Rd.dgn
 PLOT DRIVER: jstrzal
 PEN TABLE: plot.tbl



FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

HRG PROJECT No: 19139
 FILE NAME: 19139 - Church Rd.dgn
 PLOT DRIVER: jstrzal
 PEN TABLE: plot.tbl



USER NAME	= jstrzal
DESIGNED	- KH
DRAWN	- DMS
CHECKED	- JJS
DATE	-

REVISION	- XX/XX/XXXX
REVISION	- XX/XX/XXXX
REVISION	- XX/XX/XXXX
REVISION	- XX/XX/XXXX

STATE OF ILLINOIS	
DEPARTMENT OF TRANSPORTATION	

CROSS SECTIONS	
CHURCH ROAD	
SCALE: 10H:5V	SHEET 2 OF 7 SHEETS
STA. 307+50.00 TO STA. 308+86.00	

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	222
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				

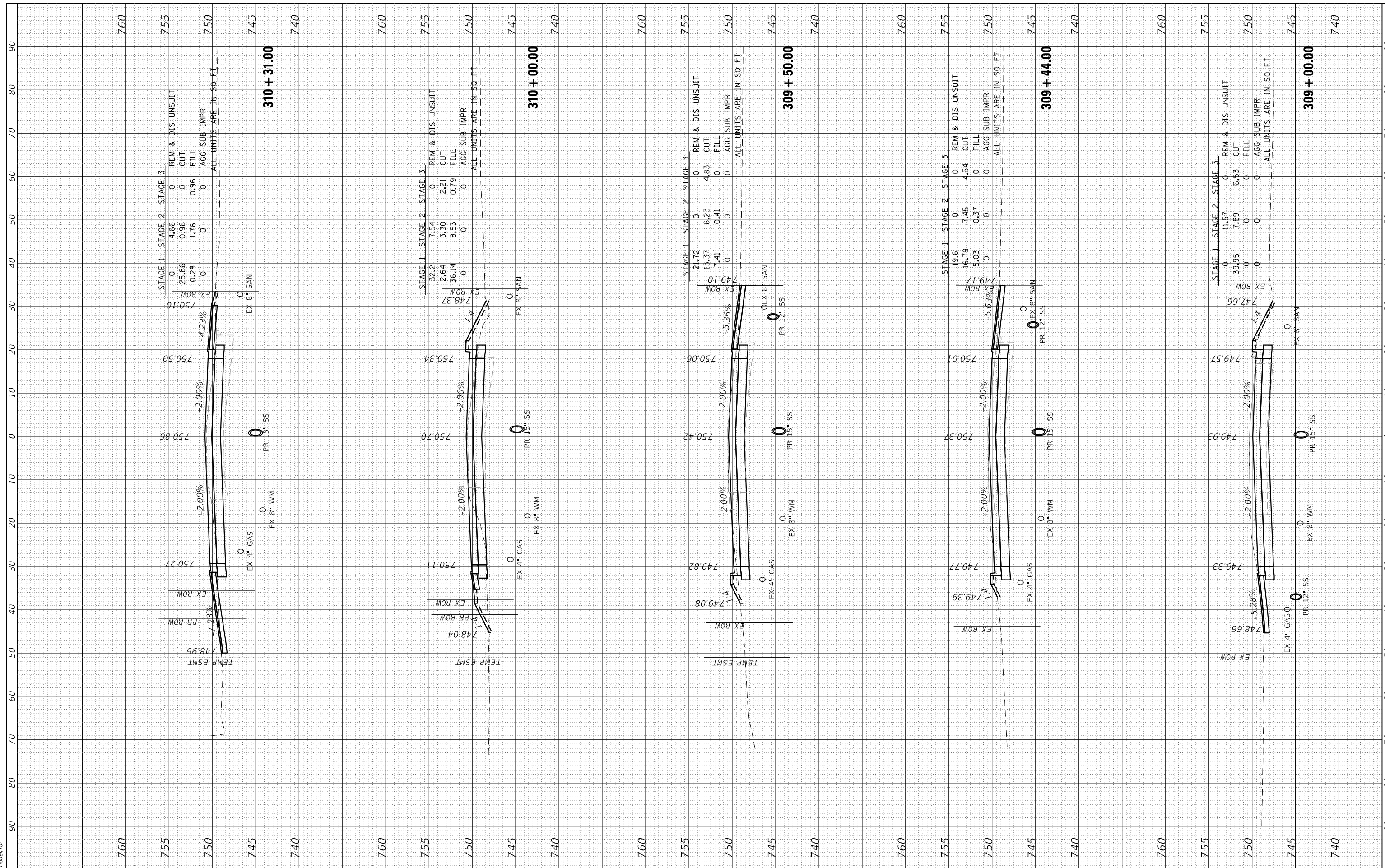


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FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS		
	CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS		
	CHECKED		

HRG PROJECT No: 19139
 FILE NAME: 19139 - Church Rd.dgn
 PLOT DRIVER: j_lanf_baepcfcg
 PEN TABLE: plottable.tbl



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USER NAME	= jstrzal
DESIGNED	- KH
DRAWN	- DMS
CHECKED	- JJS
DATE	-

REVISIONS	- XX/XX/XXXX
REVISIONS	- XX/XX/XXXX
REVISIONS	- XX/XX/XXXX
REVISIONS	- XX/XX/XXXX

DESIGNED	- KH
DRAWN	- DMS
CHECKED	- JJS
DATE	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 CHURCH ROAD**

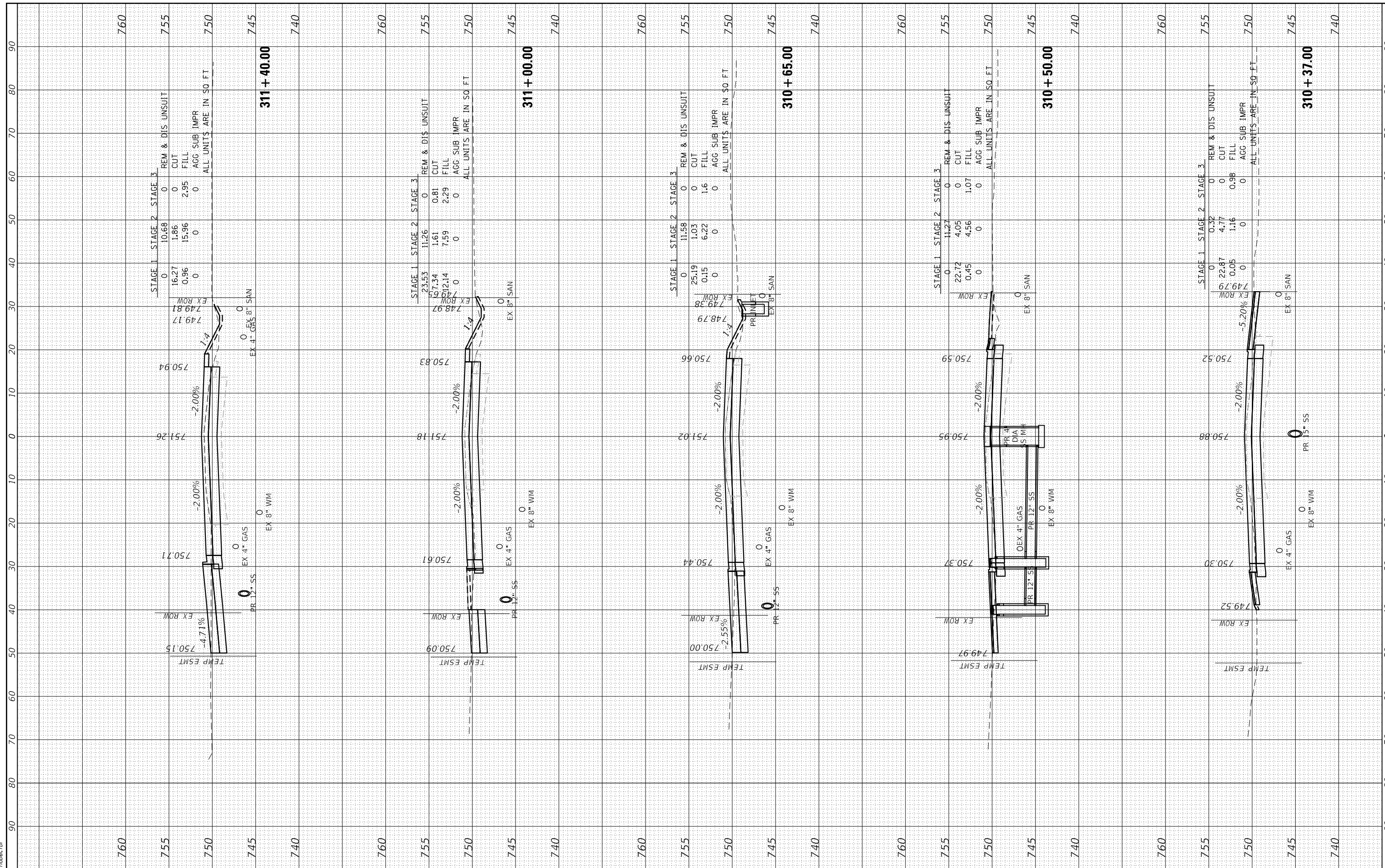
SCALE: 10H:5V SHEET 3 OF 7 SHEETS STA. 309+00.00 TO STA. 310+31.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	223
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NO. _____	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NO. _____	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

HRG PROJECT No: 19139
 FILE NAME: 19139 - Church Rd.dgn
 PLOT DRIVER: jstrzal
 PEN TABLE: plot.tbl



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USER NAME = jstrzal	DESIGNED - KH	REVISED - XX/XX/XXXX
PLOT SCALE = 20.0000' / in.	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT DATE = 3/1/2023	CHECKED - JJS	REVISED - XX/XX/XXXX
	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 CHURCH ROAD**

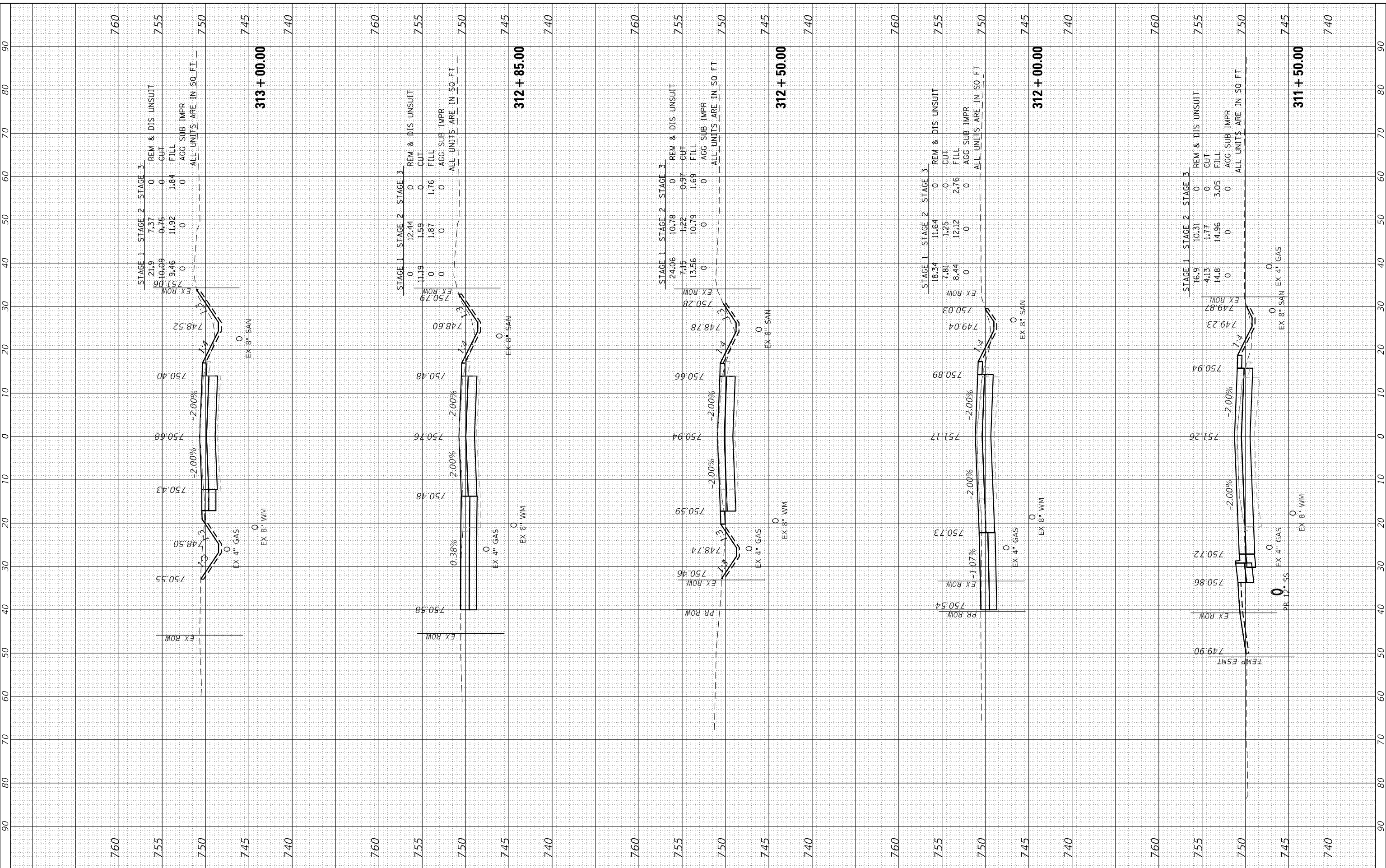
SCALE: 10H:5V SHEET 4 OF 7 SHEETS STA. 310+37.00 TO STA. 311+40.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	224
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS	
	CHECKED	

HRG PROJECT No: 19/39
 FILE NAME: 1939 - Church Rd.dgn
 PLOT DRIVER: j_lanf_baepcfcg
 PEN TABLE: p10/tae1.td



USER NAME	= jstrzal
DESIGNED	- KH
DRAWN	- DMS
CHECKED	- JJS
DATE	-

REVISION	- XX/XX/XXXX
REVISION	- XX/XX/XXXX
REVISION	- XX/XX/XXXX
REVISION	- XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 CHURCH ROAD**

SCALE: 10H:5V SHEET 5 OF 7 SHEETS STA. 311+50.00 TO STA. 313+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	225
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED TEMPLATE AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED TEMPLATE AREAS CHECKED		

HRG PROJECT No: 19/39
 FILE NAME: 1939 - 06-002602-02-01.dgn
 PLOT DRIVER: jstzral
 PEN TABLE: plot.tbl



USER NAME = jstzral
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 3/1/2023

DESIGNED - KH
 DRAWN - DMS
 CHECKED - JJS
 DATE -

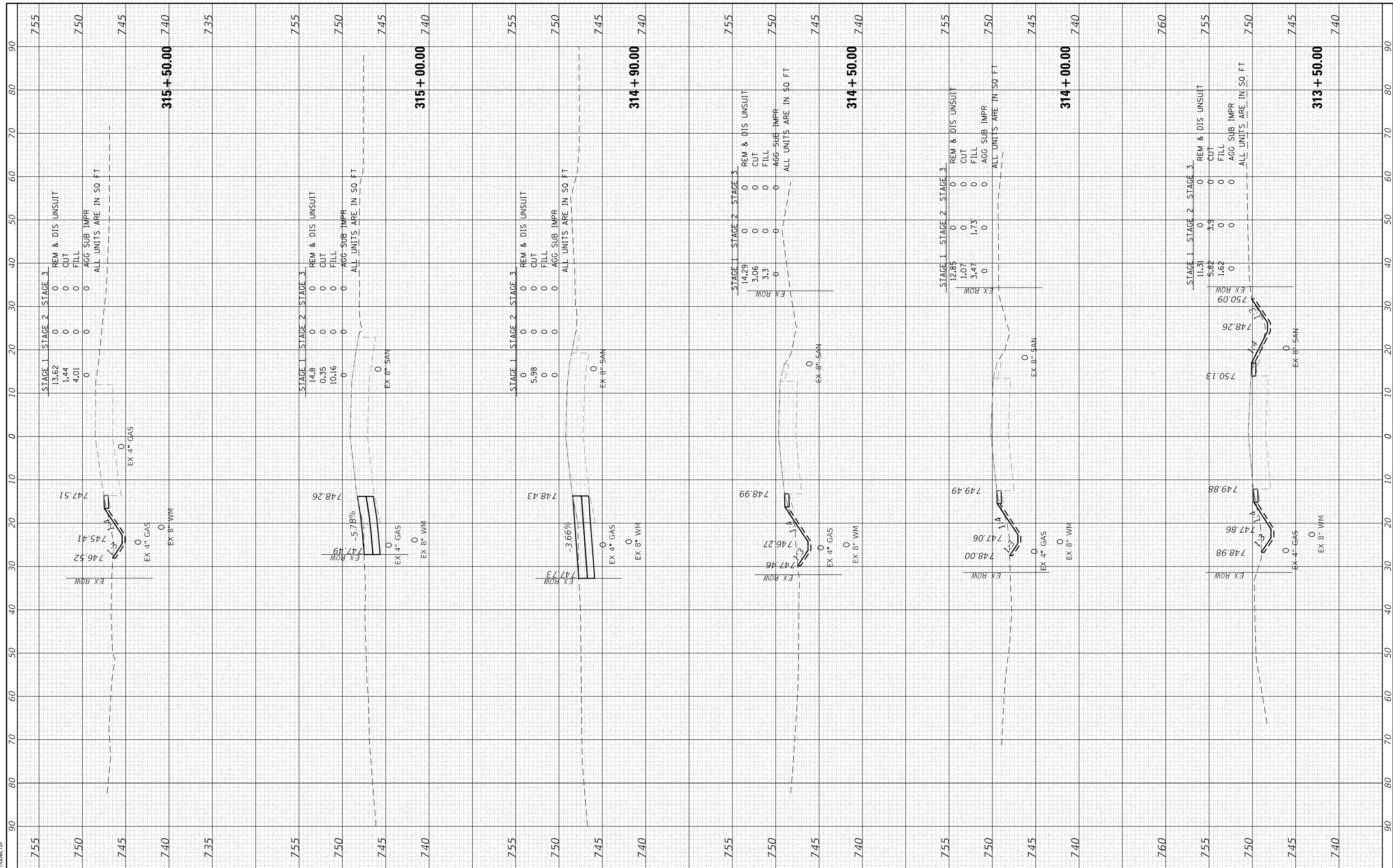
REVISED - XX/XX/XXXX
 REVISED - XX/XX/XXXX
 REVISED - XX/XX/XXXX
 REVISED - XX/XX/XXXX

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 CHURCH ROAD

SCALE: 10H:5V SHEET 6 OF 7 SHEETS STA. 313+50.00 TO STA. 315+50.00

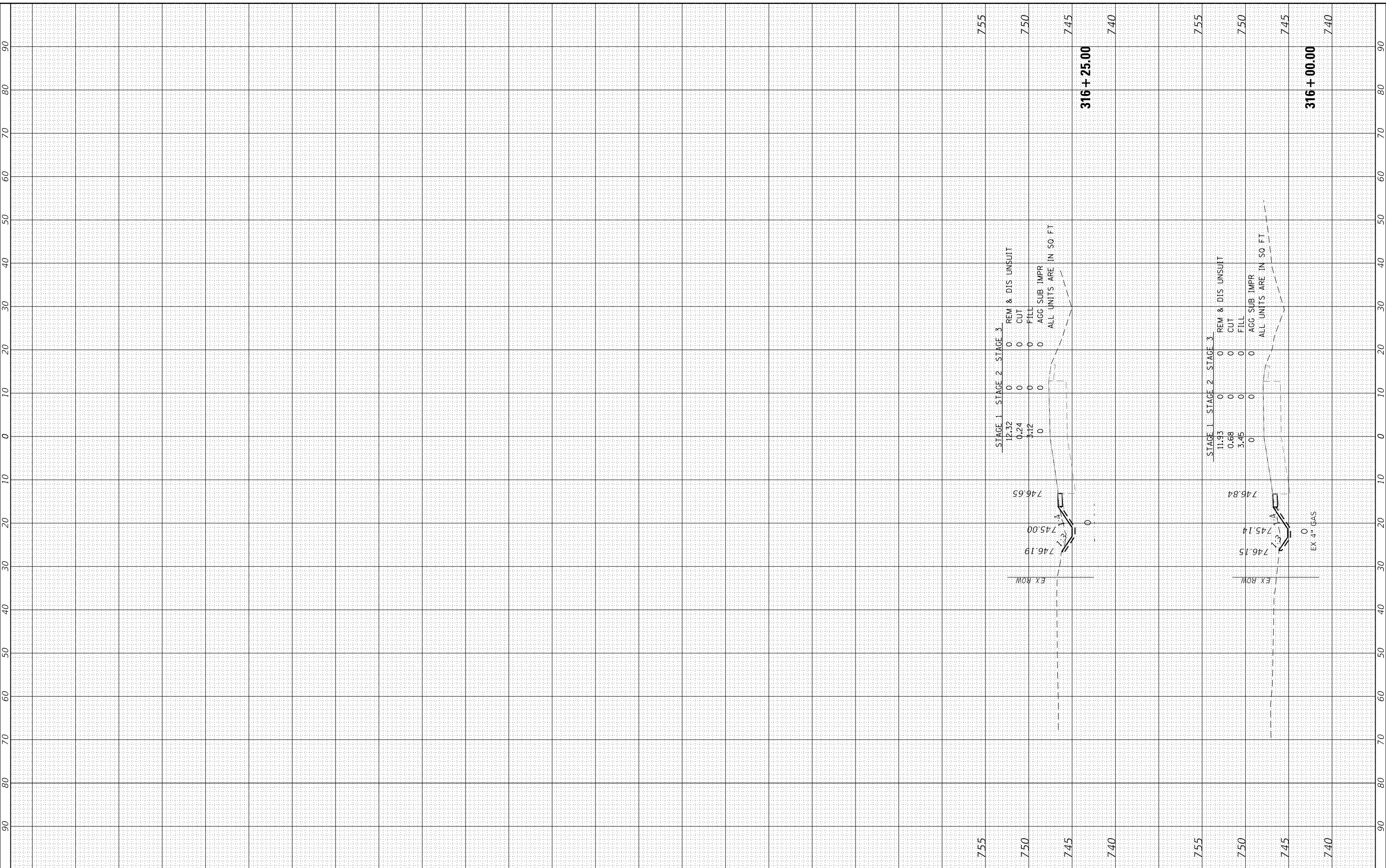
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	226
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK NO.			

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK NO.			

HRC PROJECT No: 19139
 FILE NAME: 19139 - ChurchRd.dgn
 PLOT DRIVER: jstrzal
 PEN TABLE: plot.tbl



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 #184-001322

USER NAME = jstrzal	DESIGNED - KH	REVISED - XX/XX/XXXX
PLOT SCALE = 20.0000' / in.	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT DATE = 3/1/2023	CHECKED - JJS	REVISED - XX/XX/XXXX
	DATE -	REVISED - XX/XX/XXXX

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
CHURCH ROAD

SCALE: 10H:5V SHEET 7 OF 7 SHEETS STA. 316+00.00 TO STA. 316+25.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-02-PV	KANE	227	227
CONTRACT NO. 61H85				
ILLINOIS FED. AID PROJECT				