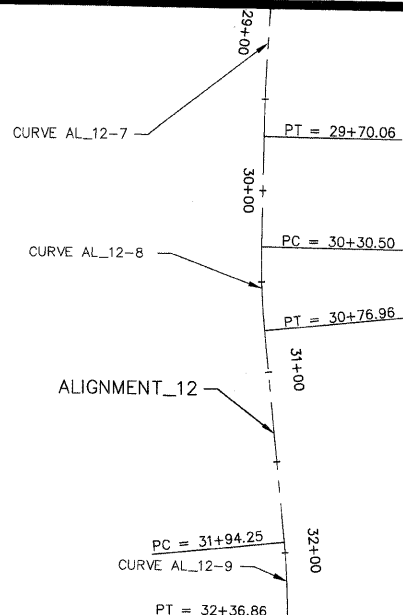


ALIGNMENT DATA LEGEND

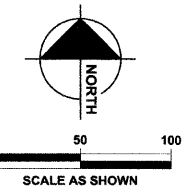
- TRAIL CENTER LINE
- CC COMPOUND CURVE
- PC POINT OF CURVATURE
- PI POINT OF INTERSECTION
- PT POINT OF TANGENCY
- POT POINT OF TERMINATION

CARY-GROVE PARK

MATCHLINE - SEE SHEET 4



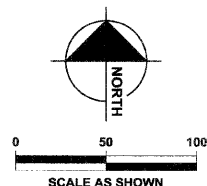
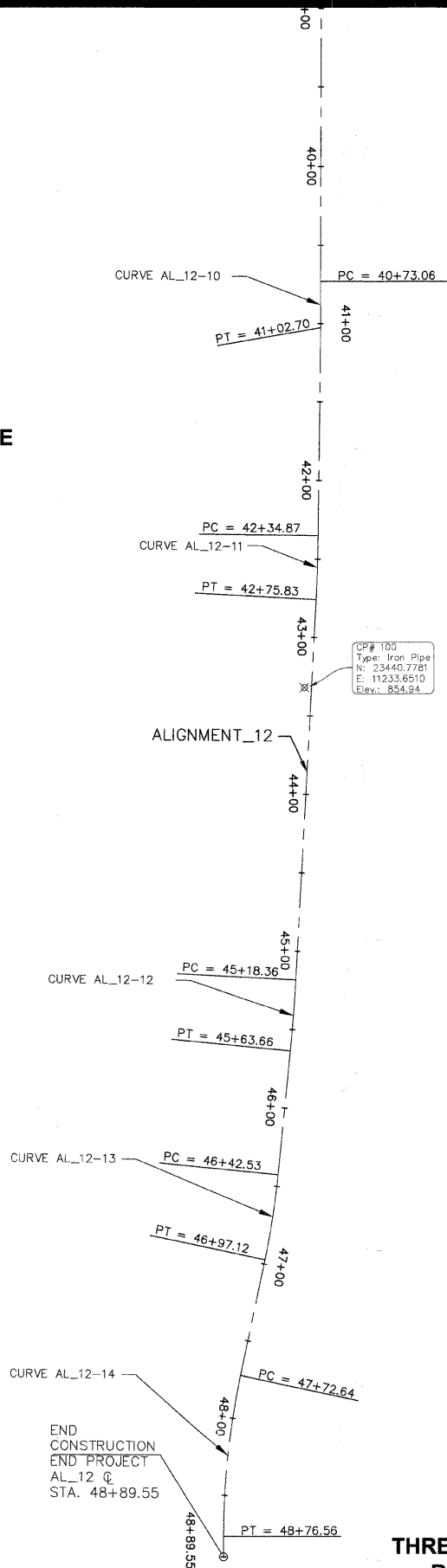
AL_12-7 CIRCULAR CURVE DATA			
PC	28+67.99	24904.0889	11243.0700
CC		24775.8244	12436.1954
PT	29+70.06	24802.2676	11236.4868
DELTA:	04-52-24	TYPE:	LEFT
RADIUS:	1200.00	DEGREE:	04-46-29
LENGTH:	102.06	TANGENT:	51.06
MID-ORD:	1.08	EXTERNAL:	1.09
CHORD:	102.03	COURSE:	S 03-41-57 W
ES:	1.09		
PI	30+53.76	24718.5845	11234.6423
LENGTH:	161.87	COURSE:	S 05-23-32 E
DELTA:	6-39-18		
TANGENT DATA			
	29+70.06	24802.2676	11236.4868
	30+30.50	24741.8350	11235.1548
LENGTH:	60.45	COURSE:	S 01-15-46 W
AL_12-8 CIRCULAR CURVE DATA			
PC	30+30.50	24741.8350	11235.1548
CC		24733.0206	11635.0577
PT	30+76.96	24695.4314	11236.8278
DELTA:	06-39-18	TYPE:	LEFT
RADIUS:	400.00	DEGREE:	14-19-26
LENGTH:	46.46	TANGENT:	23.26
MID-ORD:	0.67	EXTERNAL:	0.68
CHORD:	46.43	COURSE:	S 02-03-53 E
ES:	0.68		
PI	32+15.58	24557.4291	11249.8539
LENGTH:	362.15	COURSE:	S 00-42-41 W
DELTA:	6-06-13		
TANGENT DATA			
	29+70.06	24802.2676	11236.4868
	30+30.50	24741.8350	11235.1548
LENGTH:	60.45	COURSE:	S 01-15-46 W
	30+76.96	24695.4314	11236.8278
	31+94.25	24578.6609	11247.8498
LENGTH:	117.29	COURSE:	S 05-23-32 E
AL_12-9 CIRCULAR CURVE DATA			
PC	31+94.25	24578.6609	11247.8498
CC		24541.0717	10849.6199
PT	32+36.86	24536.1046	11249.5891
DELTA:	06-06-13	TYPE:	RIGHT
RADIUS:	400.00	DEGREE:	14-19-26
LENGTH:	42.61	TANGENT:	21.33
MID-ORD:	0.57	EXTERNAL:	0.57
CHORD:	42.59	COURSE:	S 02-20-25 E
ES:	0.57		
PI	35+77.69	24195.3069	11245.3568
LENGTH:	510.19	COURSE:	S 00-11-02 W
DELTA:	0-31-40		
TANGENT DATA			
	32+36.86	24536.1046	11249.5891
	35+77.69	24195.3069	11245.3568
LENGTH:	340.82	COURSE:	S 00-42-41 W



MATCHLINE - SEE THIS SHEET

MATCHLINE - SEE THIS SHEET

CARY-GROVE PARK



THREE OAKS ROAD

PI	40+87.88	23685.1186	11243.7204
LENGTH:	14.82	COURSE:	S 00-27-07 E
DELTA:	0-38-09		
TANGENT DATA			
	35+77.69	24195.3069	11245.3568
	40+73.06	23699.9361	11243.7680
LENGTH:	495.37	COURSE:	S 00-11-02 W
AL_12-10 CIRCULAR CURVE DATA			
PC	40+73.06	23699.9361	11243.7680
CC		23691.3701	13914.4268
PT	41+02.70	23670.3015	11243.8373
DELTA:	00-38-09	TYPE:	LEFT
RADIUS:	2670.67	DEGREE:	02-08-43
LENGTH:	29.63	TANGENT:	14.82
MID-ORD:	0.04	EXTERNAL:	0.04
CHORD:	29.63	COURSE:	S 00-08-03 E
ES:	0.04		
PI	41+02.70	23670.3015	11243.8373
LENGTH:	152.66	COURSE:	S 00-42-41 W
DELTA:	1-09-49		
TANGENT DATA			
	41+02.70	23670.3015	11243.8373
	42+34.87	23538.1419	11242.1961
LENGTH:	132.17	COURSE:	S 00-42-41 W
AL_12-11 CIRCULAR CURVE DATA			
PC	42+34.87	23538.1419	11242.1961
CC		23550.5597	10242.2732
PT	42+75.83	23497.2000	11240.8485
DELTA:	02-20-50	TYPE:	RIGHT
RADIUS:	1000.00	DEGREE:	05-43-46
LENGTH:	40.97	TANGENT:	20.49
MID-ORD:	0.21	EXTERNAL:	0.21
CHORD:	40.96	COURSE:	S 01-53-06 W
ES:	0.21		
PI	45+41.01	23232.3960	11226.6985
LENGTH:	128.84	COURSE:	S 05-39-15 W
DELTA:	2-35-43		
TANGENT DATA			
	42+75.83	23497.2000	11240.8485
	45+18.36	23255.0161	11227.9073
LENGTH:	242.53	COURSE:	S 03-03-31 W
AL_12-12 CIRCULAR CURVE DATA			
PC	45+18.36	23255.0161	11227.9073
CC		23308.3758	10229.3319
PT	45+63.66	23209.8538	11224.4668
DELTA:	02-35-43	TYPE:	RIGHT
RADIUS:	1000.00	DEGREE:	05-43-46
LENGTH:	45.30	TANGENT:	22.65
MID-ORD:	0.26	EXTERNAL:	0.26
CHORD:	45.29	COURSE:	S 04-21-23 W
ES:	0.26		
PI	46+69.85	23104.1794	11214.0046
LENGTH:	154.99	COURSE:	S 11-54-33 W
DELTA:	6-15-18		
TANGENT DATA			
	45+63.66	23209.8538	11224.4668
	46+42.53	23131.3661	11216.6962
LENGTH:	78.87	COURSE:	S 05-39-15 W
AL_12-13 CIRCULAR CURVE DATA			
PC	46+42.53	23131.3661	11216.6962
CC		23180.6271	10719.1288
PT	46+97.12	23077.4478	11208.3670
DELTA:	06-15-18	TYPE:	RIGHT
RADIUS:	500.00	DEGREE:	11-27-33
LENGTH:	54.59	TANGENT:	27.32
MID-ORD:	0.74	EXTERNAL:	0.75
CHORD:	54.56	COURSE:	S 08-46-54 W
ES:	0.75		
PI	48+24.79	22952.5217	11182.0203
LENGTH:	65.14	COURSE:	S 00-00-00 E
DELTA:	11-54-33		
TANGENT DATA			
	46+97.12	23077.4478	11208.3670
	47+72.64	23003.5502	11192.7821
LENGTH:	75.52	COURSE:	S 11-54-33 W
AL_12-14 CIRCULAR CURVE DATA			
PC	47+72.64	23003.5502	11192.7821
CC		22900.3708	11682.0203
PT	48+76.56	22900.3708	11182.0203
DELTA:	11-54-33	TYPE:	LEFT
RADIUS:	500.00	DEGREE:	11-27-33
LENGTH:	103.93	TANGENT:	52.15
MID-ORD:	2.70	EXTERNAL:	2.71
CHORD:	103.74	COURSE:	S 05-57-16 W
ES:	2.71		
PI	48+89.55	22887.3847	11182.0203
TANGENT DATA			
	48+76.56	22900.3708	11182.0203
	48+89.55	22887.3847	11182.0203
LENGTH:	12.99	COURSE:	S 00-00-00 W



DESIGNED	JWH	REVISED	
DRAWN	LES	REVISED	
CHECKED	JMM	REVISED	
DATE	10/02/2009	REVISED	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CARY PARK DISTRICT
CARY COMMUNITY TRAIL**

**ALIGNMENT DATA
STA. 29+00 TO STA. 39+00
STA. 39+00 TO 48+89.55**

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-P4001-00-BR	MCHENRY	64	5
FED. ROAD DIST. NO. 1	ILLINOIS	CONTRACT NO. 63333	