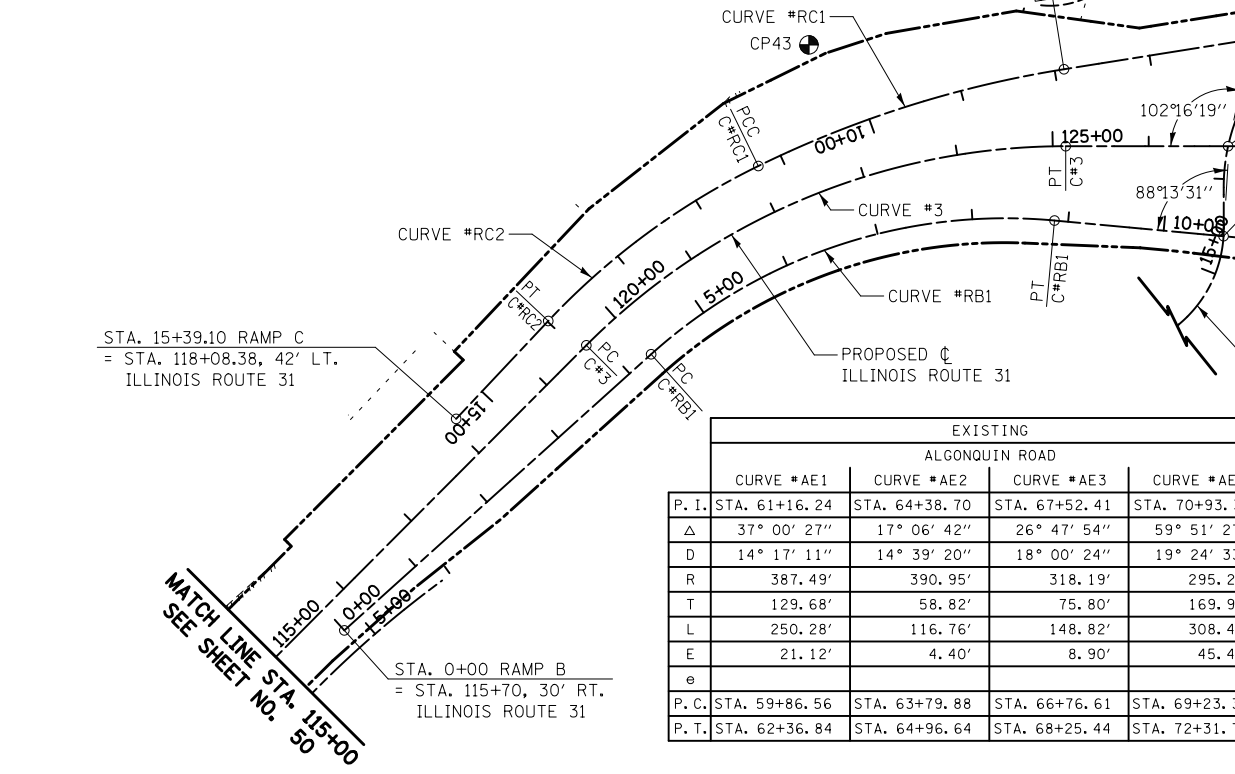


ILLINOIS RTE. 31	RAMP A	RAMP B	RAMP C		ALGONQUIN ROAD		
CURVE #3	CURVE #RA1	CURVE #RB1	CURVE #RC1	CURVE #RC2	CURVE #A1	CURVE #A2	CURVE #A3
P. I. STA. 122+51.26	STA. 8+41.44	STA. 6+71.79	STA. 9+59.17	STA. 12+63.80	STA. 56+94.15	STA. 66+05.85	STA. 69+70.71
Δ 45° 06' 40"	11° 54' 57"	47° 17' 42"	17° 00' 50"	20° 40' 21"	19° 57' 21"	22° 25' 15"	55° 11' 28"
D 8° 07' 36"	3° 19' 10"	10° 22' 47"	5° 04' 30"	7° 33' 32"	7° 17' 38"	18° 47' 08"	19° 24' 33"
R 705.04'	1726.00'	552.00'	1129.00'	758.00'	785.54'	305.00'	295.20'
T 292.84'	180.13'	241.71'	168.87'	138.25'	138.20'	60.45'	154.30'
L 555.10'	358.96'	455.65'	335.25'	273.49'	273.60'	119.35'	284.36'
E 58.40'	9.37'	50.60'	12.56'	12.50'	12.06'	5.93'	37.89'
e 4.00%	3.70%		4.60%			2.00%	2.00%
P. C. STA. 119+58.42	STA. 6+61.31	STA. 4+30.09	STA. 7+90.30	STA. 11+25.55	STA. 55+55.95	STA. 65+45.40	STA. 68+16.41
P. T. STA. 125+13.52	STA. 10+20.27	STA. 8+85.74	STA. 11+25.55	STA. 13+99.04	STA. 58+29.55	STA. 66+64.75	STA. 71+00.77

ALIGNMENT	STATION	NORTHING	EASTING	DESCRIPTION
ILLINOIS ROUTE 62 - PROP	47+00.00	2,004,895.22	993,233.81	POT
ILLINOIS ROUTE 62 - PROP	53+40.59	2,004,676.25	993,835.81	P. I.
ILLINOIS ROUTE 62 - PROP	56+94.15	2,004,558.86	994,169.32	P. I. #A1
ILLINOIS ROUTE 62 - PROP	55+55.95	2,004,604.74	994,038.96	P. C.
ILLINOIS ROUTE 62 - PROP	56+36.44	2,004,574.18	994,113.38	CL - CL IL RTE 62/ RAMP C
ILLINOIS ROUTE 62 - PROP	56+60.44	2,004,563.27	994,135.00	CL - CL IL RTE 62/ RAMP D 17+87.72
ILLINOIS ROUTE 62 - PROP	58+29.55	2,004,471.24	994,276.19	P. T.
ILLINOIS ROUTE 62 - PROP	59+99.80	2,004,363.30	994,407.85	CL - CL IL RTE 62/ RAMP B
ILLINOIS ROUTE 62 - PROP	61+27.06	2,004,282.62	994,506.26	CL - CL IL RTE 62/ RAMP A
ILLINOIS ROUTE 62 - PROP	66+05.85	2,003,979.06	994,876.53	P. I. #A2
ILLINOIS ROUTE 62 - PROP	65+45.40	2,004,017.39	994,829.78	P. C.
ILLINOIS ROUTE 62 - PROP	66+64.75	2,003,925.80	994,905.12	P. T.
ILLINOIS ROUTE 62 - PROP	69+70.71	2,003,656.24	995,049.86	P. I. #A3
ILLINOIS ROUTE 62 - PROP	68+16.41	2,003,792.19	994,976.86	P. C.
ILLINOIS ROUTE 62 - PROP	71+00.77	2,003,638.57	995,203.14	P. T.
ILLINOIS ROUTE 62 - PROP	72+00.00	2,003,627.21	995,301.72	POT



EXISTING ALGONQUIN ROAD				
	CURVE #AE1	CURVE #AE2	CURVE #AE3	CURVE #AE4
P. I. STA. 61+16.24	STA. 64+38.70	STA. 67+52.41	STA. 70+93.31	
Δ 37° 00' 27"	17° 06' 42"	26° 47' 54"	59° 51' 27"	
D 14° 17' 11"	14° 39' 20"	18° 00' 24"	19° 24' 33"	
R 387.49'	390.95'	318.19'	295.20'	
T 129.68'	58.82'	75.80'	169.94'	
L 250.28'	116.76'	148.82'	308.40'	
E 21.12'	4.40'	8.90'	45.42'	
e				
P. C. STA. 59+86.56	STA. 63+79.88	STA. 66+76.61	STA. 69+23.36	
P. T. STA. 62+36.84	STA. 64+96.64	STA. 68+25.44	STA. 72+31.76	

ALIGNMENT	STATION	EASTING	NORTHING	DESCRIPTION
RAMP A	0+00.00	994,506.26	2,004,282.62	POT
RAMP A	6+61.31	994,576.83	2,004,940.15	P. C.
RAMP A	8+41.44	994,596.05	2,005,119.26	P. I. #RA1
RAMP A	10+20.27	994,651.84	2,005,290.53	P. T.
RAMP B	0+00.00	994,313.74	2,002,899.53	POT
RAMP B	4+30.09	994,139.16	2,003,292.59	P. C.
RAMP B	6+71.79	994,041.05	2,003,513.48	P. I. #RB1
RAMP B	8+85.74	994,136.83	2,003,735.40	P. T.
RAMP B	10+62.62	994,206.91	2,003,897.77	CL - CL RAMP B/MCCD PRAIRIE PATH
RAMP B	15+69.63	994,407.85	2,004,363.30	CL - CL RAMP B/IL RTE 62
RAMP C	0+00.00	994,113.38	2,004,574.18	CL - CL RAMP C/IL RTE 62
RAMP C	5+77.53	994,023.23	2,004,003.73	CL - CL RAMP C/MCCD PRAIRIE PATH
RAMP C	7+90.30	993,990.02	2,003,793.57	P. C.
RAMP C	9+59.17	993,963.66	2,003,626.77	P. I. #RC1
RAMP C	11+25.55	993,987.26	2,003,459.56	P. C. C.
RAMP C	12+63.80	994,006.59	2,003,322.67	P. I. #RC2
RAMP C	13+99.04	994,072.99	2,003,201.41	P. T.
RAMP C	15+39.10	994,140.26	2,003,078.57	POT
RAMP D	7+44.51	994,541.77	2,005,523.90	P. I.
RAMP D	17+87.72	994,135.00	2,004,563.27	CL - CL RAMP D/IL RTE 62

**END IMPROVEMENT
ILLINOIS ROUTE 62
STA 68+14.20**

**BEGIN IMPROVEMENT
ILLINOIS ROUTE 62
STA 50+00.00**

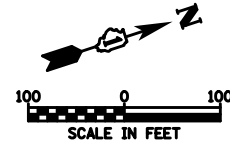
LEGEND

- EXISTING ALIGNMENT ———
- PROPOSED ALIGNMENT ———
- EXISTING ROW - - - - -
- PROPOSED ROW - - - - -
- PROPOSED PERMANENT EASEMENT // // // //
- PROPOSED TEMPORARY EASEMENT / / / / /
- PROPERTY LINE - - - - -
- CONTROL POINT ⊕

NOTES

COORDINATES ARE BASED ON THE PUBLISHED METRIC CONTROL MONUMENT "MCH31 1A", P.I.D. AJ2855, OF N.613,205.182-E.303,895.917. SURFACE COORDINATES ARE SHOWN IN U.S. SURVEY FEET. ELEVATIONS ARE ON NAVD 88 DATUM.

REFER TO THE PLAT OF HIGHWAYS, SHEET 410 -457 FOR ROW AND EASEMENT LOCATIONS.



ALIGNMENT	STATION	NORTHING	EASTING	DESCRIPTION
ILLINOIS ROUTE 31 - PROP	122+51.26	2,003,492.05	993,976.12	P. I.
ILLINOIS ROUTE 31 - PROP	119+58.42	2,003,231.29	994,109.38	P. C.
ILLINOIS ROUTE 31 - PROP	125+13.52	2,003,770.49	994,066.81	P. T.
ILLINOIS ROUTE 31 - PROP	126+82.75	2,003,931.39	994,119.22	CL-CL/MCCD PRAIRIE TRAIL
ILLINOIS ROUTE 31 - PROP	132+37.67	2,004,459.03	994,291.08	CL-CL/IL RTE 62
ALGONQUIN ROAD - EXIST	50+00.00	2,004,827.61	993,422.04	POT
ALGONQUIN ROAD - EXIST	61+16.24	2,004,450.96	994,472.81	P. I. #AE1
ALGONQUIN ROAD - EXIST	59+86.56	2,004,494.72	994,350.74	P. C.
ALGONQUIN ROAD - EXIST	62+36.84	2,004,342.54	994,543.96	P. T.
ALGONQUIN ROAD - EXIST	62+36.85	2,004,342.53	994,543.96	P. I.
ALGONQUIN ROAD - EXIST	64+38.70	2,004,173.73	994,654.64	P. I. #AE2
ALGONQUIN ROAD - EXIST	63+79.88	2,004,222.92	994,622.39	P. C.
ALGONQUIN ROAD - EXIST	64+96.64	2,004,136.21	994,699.94	P. T.
ALGONQUIN ROAD - EXIST	67+52.41	2,003,973.05	994,896.91	P. I. #AE3
ALGONQUIN ROAD - EXIST	66+76.61	2,004,021.40	994,838.54	P. C.
ALGONQUIN ROAD - EXIST	68+25.44	2,003,903.57	994,927.21	P. T.
ALGONQUIN ROAD - EXIST	70+93.31	2,003,658.04	995,034.31	P. I. #AE4
ALGONQUIN ROAD - EXIST	69+23.36	2,003,813.81	994,966.37	P. C.
ALGONQUIN ROAD - EXIST	72+31.76	2,003,638.58	995,203.14	P. T.
ALGONQUIN ROAD - EXIST	73+30.99	2,003,627.21	995,301.71	POT

CONTROL POINTS							
POINT ID	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP43	IL RTE 31	122+88.76	-48.59	2,003,548.79	993,883.56	820.00	MAG NAIL SET
CP10	RAMP B	11+51.26	-2.12	2,003,980.03	994,240.10	737.99	5/8"IR W/CAP SET
CP19	IL RTE 62	52+41.92	324.83	2,004,404.70	993,632.05	747.81	MAG NAIL SET
CP20	IL RTE 62	62+07.24	-72.63	2,004,287.95	994,614.31	756.12	MAG NAIL SET
CP21	IL RTE 62	66+81.96	21.99	2,003,900.24	994,893.88	762.75	MAG NAIL(TS 89)

FILE NAME = ... \D160F72-sht-ATB-02.dgn	USER NAME = ctb	DESIGNED - PML	REVISED -
		DRAWN - AKW	REVISED -
		CHECKED - PML	REVISED -
		DATE - 5/3/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES & BENCHMARKS

SCALE: 1" = 100' SHEET NO. 2 OF 7 SHEETS STA. 115+00.00 TO STA. 143+50.00

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	51
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				