F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00027-00-SW	WINNEBAGO	15	8
SRTS-4009(056)	ILLINOIS	CONTRACT NO. 85584		

KEY

- = DECIDUOUS TREE
- = EVERGREEN TREE
- = CONCRETE AREA
- = EXISTING CURB
- = EXISTING SPOT ELEVATIONS
- = FIRE HYDRANT
- = GRAVEL AREA
- = FENCE LINE
- = GAS LINE
- = MAILBOX
- = SANITARY MANHOLE
- = SANITARY SEWER
- = SIGN
- = STORM SEWER
- = UNDERGROUND TELEVISION LINE
- = UNDERGROUND VERIZON LINE
- = UTILITY PEDESTAL
- = UTILITY POLE
- = WATER LINE
- = WATER VALVE

NOTE: PROPERTY LINES ARE SHOWN FOR INFORMATION ONLY AND ARE SUBJECT TO FINAL SURVEY FOR EXACT LOCATION.

SCALE - FEET 0 5 20

66.00' BLUEBONNET

EXISTING RIGHT-OF-WAY

REMOVE EXISTING BUSHES/ SHRUBBERY AS REQUIRED FOR SIDEWALK CONSTRUCTION (SEE SPECIAL PROVISIONS - CLEARING)

NOTE: ALL DISTURBED TURF AREAS SHALL BE RESTORED W/ 4" TOPSOIL, IDOT CLASS 1 SEED AND NORTH AMERICAN GREEN S150 EROSION CONTROL BLANKET.

TEMPORARY WORK PERMIT AREA

0.47% 1.19' 5.00' 170.17' EXISTING RIGHT-OF-WAY

CURB RAMP/ DETECTABLE WARNING (SEE DETAILS)

PROPOSED CONC. SIDEWALK 4.50' 5.00' TYPICAL

92.03 92.29 93.14 93.48 94.55 94.74 94.76 94.98 95.08 95.91 96.40 96.68 97.88 97.94

75.00'

+21.30 PEL 22.39' PI SAW CUT

REMOVE & REPLACE CONC. DRIVEWAY APRON

REMOVE & REPLACE CONC. SIDEWALK

+23.76 CEL 22.49' PI SAW CUT

6.52' BIT

SAW CUT & MATCH

+27.82 CEL 27.93' PI

REMOVE & REPLACE CONC. DRIVEWAY APRON

REMOVE & REPLACE CONC. DRIVEWAY APRON

BEGIN PROJECT STA. 147+08.91

REFER TO SHEET 13 FOR DETAILS OF WEST SIDE OF INTERSECTION

RALSTON ROAD

148+00 149+00 150+00 151+00 152+00 153+00

105.00' 100.00'

CURB RAMP/ DETECTABLE WARNING (SEE DETAILS)

EXISTING B6.18 C&G

0.94% RADIUS #1 RADIUS #2 RADIUS #3

89.82 90.17 90.69 90.90 91.86 93.32 95.41 96.80 98.14

28.39' 29.08'

5.00' TYPICAL

4.00' PROPOSED CONC. SIDEWALK 4.00'

EXISTING RIGHT-OF-WAY

GUY WIRES TO BE RELOCATED (BY COMED)

MATCH LINE STA. 153+10.00

NOTES:

ALL PROPOSED RAMPS AND DETECTABLE WARNINGS SHALL MEET CURRENT ADA REQUIREMENTS. SEE RAMP DETAILS FOR MORE INFORMATION.

UTILITY POLES IN DIRECT CONFLICT WITH PROPOSED SIDEWALK IMPROVEMENTS TO BE RELOCATED BY COMED.

PROPERTY OWNERS SHALL BE GIVEN THE OPPORTUNITY TO REMOVE FENCE/LANDSCAPING FROM R.O.W. PRIOR TO IMPROVEMENTS. CONTRACTOR SHALL REMOVE ANY FENCES/LANDSCAPING IN THE R.O.W. WHICH ARE IN DIRECT CONFLICT WITH THE PROPOSED SIDEWALK IMPROVEMENTS.

UTILITY LOCATIONS ARE PROVIDED FOR THE CONTRACTORS CONVENIENCE AND ARE BASED ON AVAILABLE INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR LOCATION AND PROTECTION OF UNDERGROUND UTILITIES. CONTACT J.U.L.I.E. 1-800-892-0123 FOR LOCATION OF UNDERGROUND UTILITIES.

RADII INFORMATION

NUMBER	PC STATION/OFFSET	PT STATION/OFFSET	RADIUS	L.O.C
#1	148+08.16, 42.98' RIGHT	148+19.66, 34.19' RIGHT	47.72'	14.32'
#2	148+15.78, 48.90' RIGHT	148+21.91, 51.00' RIGHT	10.00'	6.61'
#3	148+12.71, 52.85' RIGHT	148+21.91, 56.00' RIGHT	15.00'	9.91'
#4	148+38.36, 44.10' LEFT	148+40.80, 43.89' LEFT	10.00'	2.46'

*RADII INFORMATION TAKEN AT EDGE OF SIDEWALK

RALSTON ROAD (CH 17) SECTION No. 10-00027-00-SW

PROPOSED NORTH EDGE OF NORTH SIDEWALK

EXISTING NORTH TOP OF CURB

+0.64% +1.84% +0.77% +2.14% +1.33% +3.62% +0.88% +0.20% +1.81% +1.23% +2.43% +2.06% -1.48% +2.14% +3.09% +0.53% +1.07%

STA. 148+12.77 STA. 148+46.93 STA. 149+01.09 STA. 149+94.69 STA. 150+33.87 STA. 150+56.48 STA. 150+89.02 STA. 151+10.54 STA. 151+20.45 STA. 151+32.62 STA. 151+41.51 STA. 151+75.26 STA. 151+99.02 STA. 152+12.54 STA. 152+34.99 STA. 152+58.53 STA. 152+74.28 STA. 153+11.64

89.80 89.80 89.93 89.93 90.21 90.21 90.58 90.58 90.95 90.95 91.31 91.31 91.68 91.68 92.05 92.05 92.22 92.22 92.44 92.44 92.88 92.88 93.26 93.26 93.54 93.54 94.26 94.26 94.69 94.69 94.80 94.80 95.11 95.11 95.58 95.58 96.05 96.05 96.43 96.43 96.40 96.40 96.97 96.97 97.90 97.90 98.04 98.04 EXISTING = 98.26 PROPOSED = 98.26

EXISTING SOUTH TOP OF CURB

PROPOSED SOUTH EDGE OF SOUTH SIDEWALK

+1.5% -2.17% +0.80% +1.03% +0.45% +1.40% +2.01% +3.10% +3.67% +3.16% +0.43%

STA. 148+02.57 STA. 148+06.63 STA. 148+22.08 STA. 148+65.87 STA. 149+16.29 STA. 149+62.85 STA. 150+31.64 STA. 151+04.11 STA. 151+71.56 STA. 152+09.47 STA. 152+51.81

89.75 88.75 89.85 89.85 90.00 90.00 90.16 90.16 90.36 90.36 90.56 90.56 90.75 90.75 90.84 90.84 90.93 90.93 91.18 91.18 91.46 91.46 91.74 91.74 92.07 92.47 92.47 92.87 92.87 93.28 93.28 93.85 93.85 94.47 94.47 95.09 95.09 95.76 95.76 96.49 96.49 97.17 97.17 97.81 97.81 98.22 98.22 98.30 98.30 EXISTING = 98.39 PROPOSED = 98.39

148+00 149+00 150+00 151+00 152+00 153+00

100 95 90

NO.	DATE	REVISION
1	2/15/13	IDOT CORRECTIONS
2	3/14/13	IDOT CORRECTIONS
3	4/08/13	IDOT CORRECTIONS

Mcmahon provides this drawing and data, including all designs, drawings and specifications, as instruments of service. All rights in connection therewith are retained by Mcmahon and are not to be used by any person or entity that does not have Mcmahon's prior written consent. The recipient, by accepting this drawing and data, agrees to the fullest extent permitted by law to indemnify and hold Mcmahon harmless from any claim, liability or cost for injury or loss arising from unauthorized modification or use of these drawings and data without Mcmahon's prior written consent.

McMAHON ENGINEERS ARCHITECTS
1730 METROPOLIS ROAD, MACHESNEY PARK, IL 61115
Tel: (815) 636-9600 Fax: (815) 636-9601
www.mcmahon.com

STATE OF ILLINOIS
SAFE ROUTES TO SCHOOL SIDEWALK IMPROVEMENTS
VILLAGE OF MACHESNEY PARK/CITY OF LOVES PARK

DESIGNED	DRAWN
J.W.K.	J.J.D.

SCALE HORIZ. 1" = 20' VERT. 1" = 5'

PROJECT NO. M0031-71-0102

DATE JAN. 18, 2013

SHEET NO. 8