

SHEET 1 OF 19

GRAPHIC SCALE
0 50 100 150
(IN FEET)

KANE COUNTY HIGHWAY DEPARTMENT

LONGMEADOW PARKWAY / BOLZ ROAD
FOX RIVER BRIDGE
PLAN

McDonough Associates Inc.
Engineers/Architects

DESIGNED BY:
CHECKED BY:

SCALE:
1"=50'

NO.	DATE	REVISION	BY



SHEET 2 OF 19

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MATCH LINE STA. 2045+43.00

MATCH LINE STA. 2062+44.00

ROAD

RANDALL

300' STORAGE

220' TAPER

10' PATH

EXISTING PATH

STA. 2050+50
80' L

STA. 2050+50
60' L

STA. 2050+00
80' R

STA. 2050+00
90' R

STA. 2052+00
80' R

STA. 2052+00
80' R

STA. 2056+89.12
80' L

STA. 202+48.44
85' L

STA. 2056+96.50
100' R

STA. 199+95.10
74.87' L

STA. 202+48.43
74.75' R

STA. 2059+22.42
80' L

STA. 2059+28.72
80' R

STA. 200+17.34
85.10' R

2048+00 2047+00 2048+00 2049+00 2050+00 2051+00 2052+00 2053+00 2054+00 2055+00 2056+00 2057+00 2058+00 2059+00 2060+00 2061+00 2062+00

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MATCH LINE STA. 2096+46.82

MATCH LINE STA. 2113+48.00

ROAD

AGRICULTURAL

CAMBRIA LN

SLEEPY HOLLOW

SEDGEWOOD TRAIL

CURVE NO. 3 DATA:
P.I. STA. = 2111+30.98
I = 01°53'17"
R = 11459.16'
T = 188.83'
L = 377.62'
E = 1.55'
P.C. STA. = 2109+42.15
P.T. STA. = 2113+19.94
S.E. = N.C.

STA. 304+60
90'L

STA. 304+30
90'L

STA. 2097+56
90'L

STA. 2097+37
70'L

STA. 2098+45
115'L

STA. 2098+81
80'L

STA 2109+00
80'L

STA. 2109+00
70'L

200' STORAGE
STA. 2097+34
70'R

STA. 2097+66
100'R

STA. 2098+74
70'R

STA. 2098+46
100'R

165' TAPER

215' STORAGE

50' TAPER

200' STORAGE

245' TAPER

165' STORAGE

165' TAPER

60' R (TYP.)

65' R

80' R

302°00'44"E

125.02'

80.01'

P.C. = 2109+42.15

CURVE NO. 3

P.T. = 2113+19.94

EXISTING PATH

40' R (TYP.)

34' Match Existing

70'

80'

24'

22'

12'

14'

6'

2097+00

2098+00

2099+00

2100+00

2101+00

2102+00

2103+00

2104+00

2105+00

2106+00

2107+00

2108+00

2109+00

2110+00

2111+00

2112+00

2113+00

306+00

305+00

304+00

303+00

302+00

301+00

300+00

299+00

298+00

297+00

0' Taper to Existing

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MATCH LINE STA. 2113+48.00

RICHMOND LN

AGRICULTURAL

STA. 2125+05
80' L
215' STORAGE
220' TAPER

15' 15'

40' R (TYP.)

65' R (TYP.)

2114+00 2115+00 2116+00 2117+00 2118+00 2119+00 2120+00 2121+00 2122+00 2123+00 2124+00 2125+00 2126+00 2127+00 2128+00 2129+00 2130+00

3+19.94

24' 70' 22' 14' 12' 4' 6'

B6.24 C&G

80'

EXISTING MULTIUSE PATH

EXISTING PATH

220' TAPER

215' STORAGE

STA. 2124+81
80' R

10' PATH

WESTBROOK CT

TEALWOOD CT

WHITE CHAPEL LN

AGRICULTURAL

MATCH LINE STA. 2130+48.00

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NO. DATE REVISION BY

MATCH LINE STA. 2130+48.00

MATCH LINE STA. 2147+48.40

PARKWAY

WESTBOURNE

FOREST DR

STA. 2136+00
150'L

STA. 2136+00
80'L

12' 12' 18'

STA. 2138+76
150'L

CURVE NO. 4 DATA:
P.I. STA. = 2138+27.98
I = 02°13'37"
R = 11459.16'
T = 222.71'
L = 445.36'
E = 2.16'
P.C. STA. = 2136+55.27
P.T. STA. = 2141+00.64
S.E. = N.C.

215' STORAGE

220' TAPER

10' PATH

215' STORAGE

220' TAPER

65' R (TYP.)

45' R (TYP.)

B6.24 C&G

80'

24'

6'

4'

14'

12'

2131+00

2132+00

2133+00

2134+00

2135+00

2136+00

2137+00

2138+00

2139+00

2140+00

2141+00

2142+00

2143+00

2144+00

2145+00

2146+00

2147+00

CURVE NO. 4

P.C. = 2136+55.27

P.T. = 2141+00.64

220' TAPER

302' STORAGE

18' 12' 12'

STA. 2136+40
80'R

STA. 2136+00
260'R

STA. 2138+78
280'R

DRIVEWAY

24'

2359
877.92
FENCE

2358
883.61
GR

2356
883.36
GR

2355
882.60
GR

N

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NO. DATE REVISION BY

MATCH LINE STA. 2147+48.40

MATCH LINE STA. 2164+64.96

CURVE NO. 5 DATA:
P.I. STA. = 2153+16.75
I = 12°09'45"
R = 2864.79'
T = 305.21'
L = 608.12'
E = 16.21'
P.C. STA. = 2150+11.54
P.T. STA. = 2156+19.67
S.E. = 2.75
S.T.L. = 180'

KAREN DR

12' 12'

45' R

220' TAPER

2148+00 2149+00 2150+00 2151+00 2152+00 2153+00 2154+00 2155+00 2156+00 2157+00 2158+00 2159+00 2160+00 2161+00 2162+00 2163+00 2164+00

P.C. 2150+11.54

CURVE NO. 5

P.T. 2156+19.67

RETAINING WALL

STA. 2153+75
180'R

10' PATH

STA. 2161+10
215'L

STA. 2161+10
100'L

300' TAPER

300' STORAGE

14'

24'

150'

12'

12'

24'

12'

220' TAPER

215' STORAGE

STA. 2164+94
100'R

STA. 21

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DESIGNED BY:
CHECKED BY:

SCALE:
1"=50'

MATCH LINE STA. 2164+64.96

MATCH LINE STA. 2181+81.00

ROUTE 31

ILLINOIS

STA. 423+65
50' L

STA. 423+65
80' L

STA. 421+65
50' L

STA. 2164+80
115' L

STA. 422+03.33
70' R

STA. 421+73.44
104.67' R

STA 2172+35
80'R

STA. 2172+35
335' R

STA. 2174+00
330' R

STA. 2175+00
325' R

STA. 2176+00
315' R

STA. 2177+00
305' R

STA. 2178+00
295' R

STA. 2179+00
285' R

STA. 2180+00
275' R

STA. 2181+00
260' R

240' TAPER

196' TAPER

240' STORAGE

300' STORAGE

215' STORAGE

220' TAPER

300' TAPER

10' (TYP.)

10' PATH

CURVE NO. 6

P.C. = 2171+31.24

PROPERTY OF KANE COUNTY
FOREST PRESERVE DISTRICT

PROPERTY OF KANE COUNTY
FOREST PRESERVE DISTRICT

PROPOSED ROW FOR DETENTION

PROPOSED ROW FOR DETENTION

CURVE NO. 6 DATA:
P.I. STA. = 2178+99.43
I = 30°01'17"
R = 2864.79'
T = 768.19'
L = 1501.07'
E = 101.20'
P.C. STA. = 2171+31.24
P.T. STA. = 2186+32.32
S.E. = 2.75
S.T.L. = 180°

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SHEET 11 OF 19

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PROPERTY OF KANE COUNTY
FOREST PRESERVE DISTRICT

10' PATH

MATCH LINE STA. 2192+39.59

MATCH LINE STA. 2204+50.00

2193+00
2194+00
2195+00
2196+00
2197+00
2198+00
2199+00
2200+00
2201+00
2202+00
2203+00
2204+00

24'
33'
24'
80'
80'

P.C. = 2193+55.54

CURVE NO. 7

P.T. = 2201+30.49

PROPERTY OF KANE COUNTY
FOREST PRESERVE DISTRICT

CURVE NO. 7 DATA:
P.I. STA. = 2197+46.75
I = 19°22'26"
R = 2291.83'
T = 391.21'
L = 744.95'
E = 33.15'
P.C. STA. = 2193+55.54
P.T. STA. = 2201+30.49
S.E. = 3.02
S.T.L. = 190'

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SHEET 12 OF 19

KANE COUNTY HIGHWAY DEPARTMENT

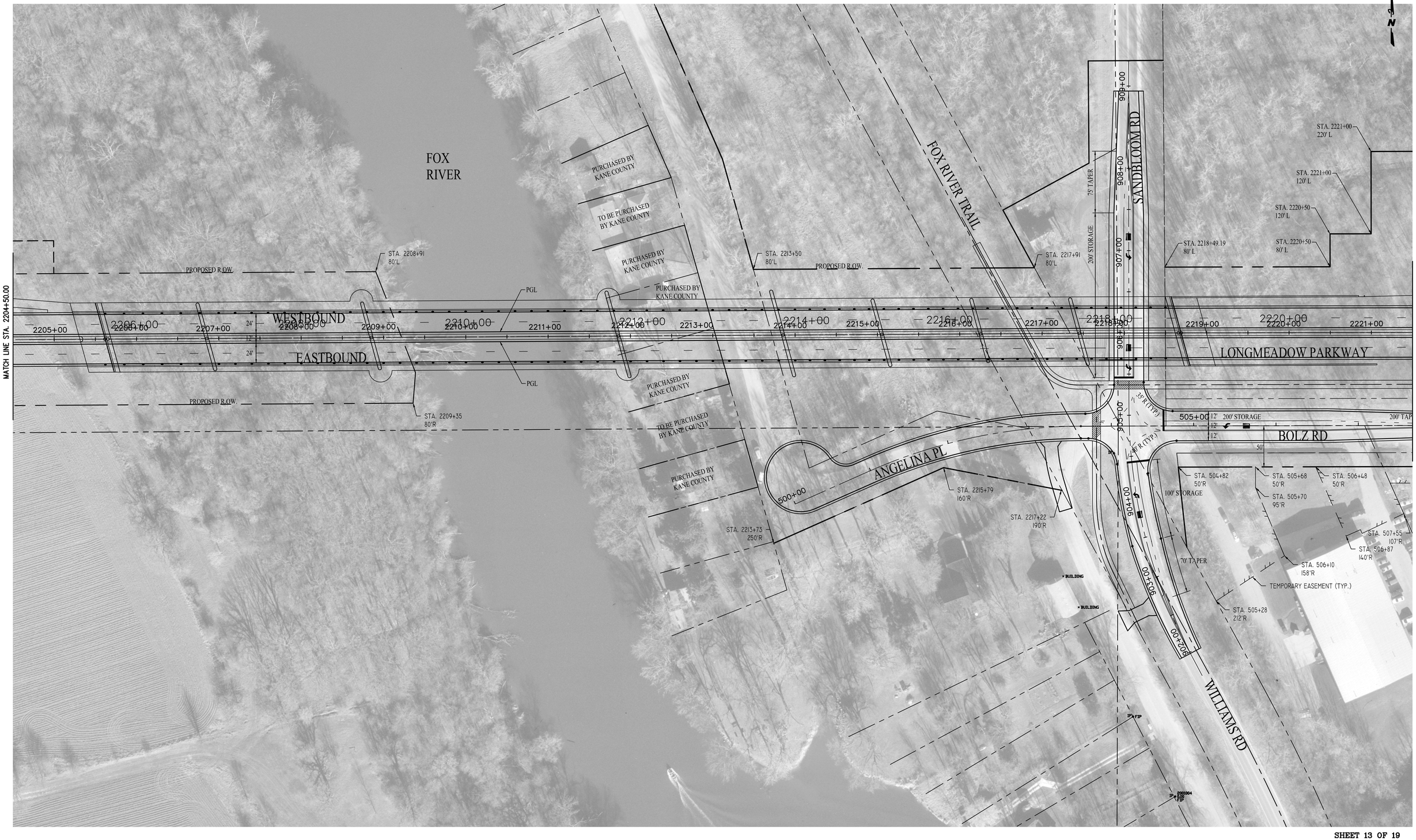
LONGMEADOW PARKWAY / BOLZ ROAD
FOX RIVER BRIDGE
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MATCH LINE STA. 2221+50.00

MATCH LINE STA. 2238+50.00

STA. 2222+00
220' L

STA. 2222+00
200' L

STA. 2224+00
220' L

STA. 2224+00
200' L

STA. 2226+00
220' L

STA. 2226+00
160' L

STA. 2228+00
160' L

STA. 2228+00
120' L

STA. 2234+00
120' L

STA. 2234+00
100' L

STA. 2237+01.35
100' L

STA. 2238+00
100' L

CONNECTOR

706+00

706+60

200' STORAGE

50'

50'

12'

12'

60' R

60' R

25' R

90°00'00"

85' R

75' R

704+00

4'

2224+98.00

250' TAPER

2227+48.00

10' PATH

2222+00

2222+00

2223+00

2224+00

2225+00

2226+00

2227+00

2228+00

2229+00

2230+00

2231+00

2232+00

2233+00

2234+00

2235+00

2236+00

2237+00

2238+00

24'

12'

24'

22'

24'

80'

6'

24'

14'

12'

4'

24'

12'

STA. 2223+43.05
80' R

235' TAPER

205' STORAGE

18'

12' 12'

100' STORAGE

STA. 2225+86
185' R

STA. 2225+86
220' R

STA. 2227+00
150' R

STA. 513+15.7
90' L

STA. 2231+09.63
150' R

10' PATH
CONNECTS TO
FOX RIVER TRAIL

STA. 702+64
40' L

STA. 702+32
40' L

12'

702+40

120' TAPER

STA. 7
40' R

STA. 509+00
50' R

STA. 509+00
70' R

STA. 510+20
40' R

510+00

30' R

60' R

20' R

20' R

STA. 514+00
90' L

STA. 514+00
70' L

STA. 511+58
42' R

12' 12'

STA. 512+27
34' R

90°

70'

34'

23+00

STA. 514+00
70' L

STA. 516+44.8
45' L

STA. 700+78
40' L

BOLZ

STA. 523+55.9
45' L

74.4' TANGENT

STA. 7
40' R

BOLZ ROAD

520+00

160' TAPER

45'

230' STORAGE

65' R (TYP.)

50' R (TYP.)

525+00

12'

12'

60'

40'

22+00

21+00

STA. 516+13
62' R

STA. 516+63.19
60' R

STA. 521+00
40' R

STA. 521+00
60' R

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MATCH LINE STA. 2238+50.00

MATCH LINE STA. 2255+50.00

STA. 2239+00
100' L

STA. 2239+00
80' L
200' STORAGE

325' TAPER

STA. 2244+27
80' L

115'

12'
24'
12'
6'
24'
80'
14'
52'

2239+00 2240+00 2241+00 2242+00 2243+00 2244+00 2245+00 2246+00 2247+00 2248+00 2249+00 2250+00 2251+00 2252+00 2253+00 2254+00 2255+00

24'
22'
24'

10' PATH

14'
14'
40'

STA. 529+42.6
73.2' L

STA. 529+06.3
35' L

530+00

STA. 532+27
40' R

02+64

BOLZ ROAD

35'
35'

STA. 529+00
40' R

STA. 529+00
35' R

STA. 528+03.5
35' L

00+78

AMARILLO RD

MORA RD

STA. 525+32.3
35' L

CURVE NO. 11 DATA:
P.I. STA. = 527+20.34
I = 51°47'12"
R = 200.00'
T = 97.08'
L = 180.77'
E = 22.32'
P.C. STA. = 526+23.25
P.T. STA. = 528+04.02
S.E. = 4
S.T.L. = 120'

CURVE NO. 12 DATA:
P.I. STA. = 530+86.72
I = 51°23'33"
R = 300.00'
T = 144.35'
L = 269.09'
E = 32.92'
P.C. STA. = 529+42.37
P.T. STA. = 532+11.45
S.E. = 3.7
S.T.L. = 120'

STA. 526+50
35' R

STA. 526+50
40' R

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SHEET 15 OF 19

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SHEET 16 OF 19

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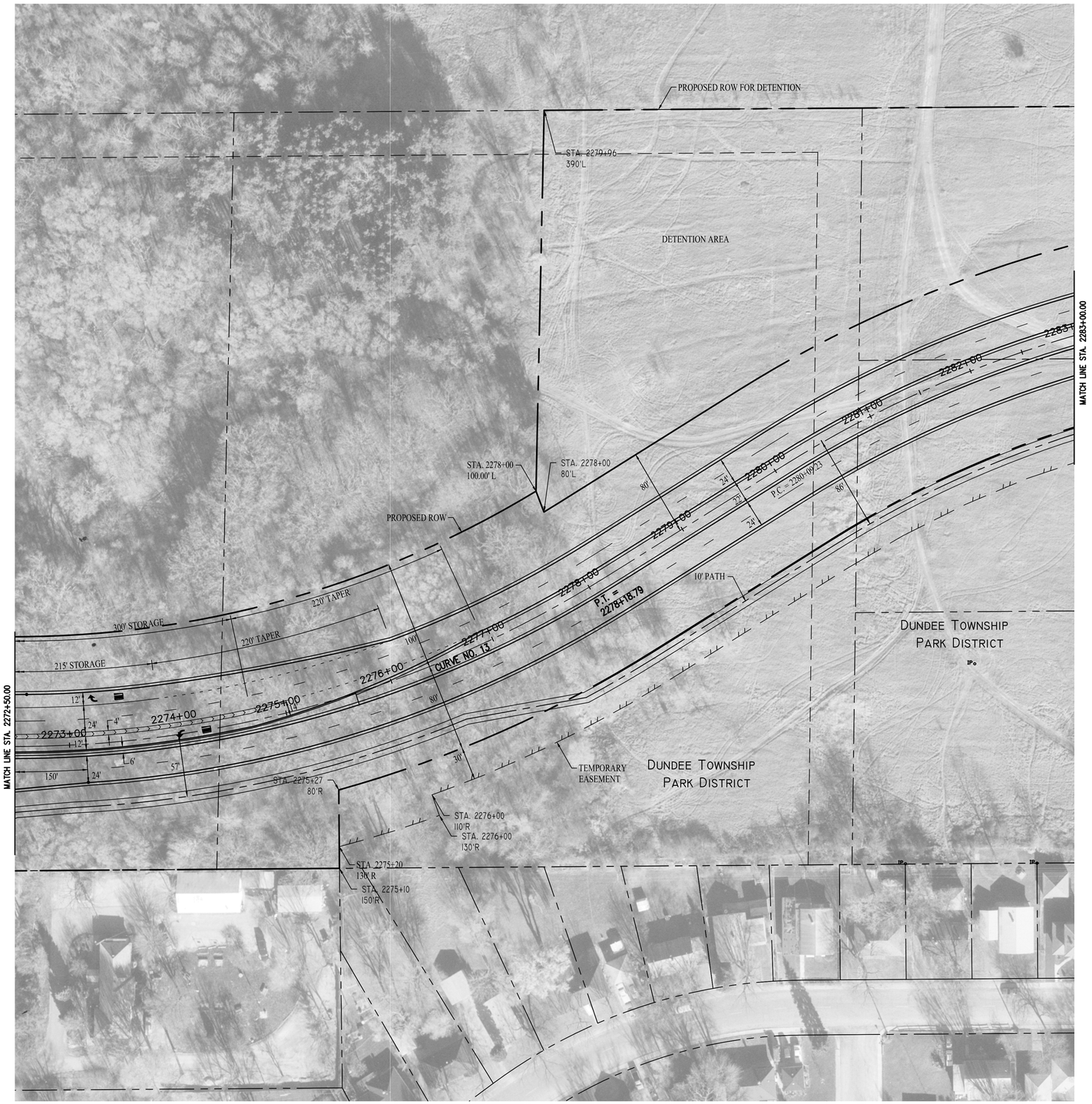
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N

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N

CURVE NO. 15 DATA:
P.I. STA. = 2302+90.56
Δ = 18°14'24"
R = 1348.14'
T = 216.42'
L = 429.17'
E = 17.26'
P.C. STA. = 2300+74.14
P.T. STA. = 2305+03.31
S.E. = 5.3%
S.R. = 194'
T.R. = 44'

STA. 819+10.96
75' L

STA. 2305+46.60
80' L

STA. 2301+94
80' L

215' STORAGE

220' TAPER

P.C. = 2300+74.14

MATCH LINE STA. 2300+03.87

TEMPORARY EASEMENT

STA. 2305+03.31
80' R

STA. 2303+43.72
114.29' R

STA. 2303+69.42
125.27' R

STA. 815+67.47
100' L

PRIVATE ENTRANCE

IL ROUTE 62

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