

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3034N-1	COOK	71	18
STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		

127th ST. AT MAPLE AVENUE  
LIST OF DRAINAGE STRUCTURES

127th ST. AT MAPLE AVENUE  
LIST OF STORM SEWER PIPES

1 INLET TYPE B, TYPE 23, FRAME AND GRATE STA. 95+21, 24' LT. T.G. (TOP OF GRATE) = 636.57 INV. EL. (INVERT) = 632.57

11 CATCH BASIN, TYPE A, 4' DIA. TYPE 23, FRAME AND GRATE STA. 100+23, 50' LT. T.G. = 635.64 INV. =

18A MANHOLE, TYPE A, 4' DIA. TYPE 1, FRAME CLOSED LID STA. 101+85, 24' LT. T.G. = 631.90 INV. = 626.08

2 INLET TYPE B, TYPE 23, FRAME AND GRATE STA. 95+21, 22' RT. T.G. = 636.60 INV. = 632.60

12 CATCH BASIN, TYPE A, 4' DIA. TYPE 23, FRAME AND GRATE STA. 101+85, 31' LT. T.G. = 634.55 INV. = 627.26

18B CATCH BASIN, TYPE A, 4' DIA. TYPE 23, FRAME AND GRATE STA. 105+48, 24' RT. T.G. = 631.64 INV. = 628.83

3 CATCH BASIN, TYPE A, 4' DIA. TYPE 23, FRAME AND GRATE STA. 96+06, 28' LT. T.G. = 635.77 INV. = 630.32

12A MANHOLE, TYPE A, 4' DIA. TYPE 1, FRAME CLOSED LID STA. 101+85, 31' LT. T.G. = 634.67 INV. = 627.22

19 CATCH BASIN, TYPE A, 4' DIA. TYPE 23, FRAME AND GRATE STA. 106+10, 31' LT. T.G. = 631.32 INV. = ----- (W) ----- (S)

4 CATCH BASIN, TYPE A, 4' DIA. TYPE 23, FRAME AND GRATE STA. 96+14, 24' RT. T.G. = 635.83 INV. = 630.83

13 CATCH BASIN, TYPE A, 4' DIA. TYPE 23, FRAME AND GRATE STA. 101+92, 25' RT. T.G. = 634.58 INV. = 627.49

19A MANHOLE, TYPE A, 4' DIA. TYPE 1, FRAME CLOSED LID WITH RESTRICTOR AS PER RESTRICTOR DETAIL STA. 106+10, 24' LT. T.G. = 631.44 INV. = 625.70

5 CATCH BASIN, TYPE A, 4' DIA. TYPE 23, FRAME AND GRATE STA. 96+25, 28' LT. T.G. = 635.72 INV. = 630.22

14 CATCH BASIN, TYPE A, 4' DIA. TYPE 23, FRAME AND GRATE STA. 103+12, 31' LT. T.G. = 633.48 INV. = 626.81

20 CATCH BASIN, TYPE A, 4' DIA. TYPE 23, FRAME AND GRATE STA. 105+96, 30' RT. T.G. = 631.39 INV. = 626.65

6 CATCH BASIN, TYPE A, 4' DIA. TYPE 23, FRAME AND GRATE STA. 96+29, 24' RT. T.G. = 635.70 INV. = 630.98

14A MANHOLE, TYPE A, 4' DIA. TYPE 1, FRAME CLOSED LID STA. 101+85, 24' LT. T.G. = 633.60 INV. = 626.78

21 CATCH BASIN, TYPE A, 4' DIA. TYPE 23, FRAME AND GRATE STA. 106+43, 31' RT. T.G. = 631.22 INV. = 626.22

6A MANHOLE, TYPE A, 4' DIA. TYPE 1, FRAME AND GRATE CLOSED LID WITH RESTRICTOR AS PER RESTRICTOR DETAIL "A" STA. 96+29, 24' RT. T.G. = 635.70 INV. = 629.5

15 CATCH BASIN, TYPE A, 4' DIA. TYPE 23, FRAME AND GRATE STA. 103+12, 24' RT. T.G. = 633.59 INV. = 626.81

22 CATCH BASIN, TYPE A, 4' DIA. TYPE 23, FRAME AND GRATE STA. 107+53, 24' RT. T.G. = 630.79 INV. = 626.29

7 CATCH BASIN, TYPE A, 4' DIA. TYPE 23, FRAME AND GRATE STA. 97+58, 31' LT. T.G. = 635.52 INV. = 629.55 (S,E,W)

16 CATCH BASIN, TYPE A, 4' DIA. TYPE 23, FRAME AND GRATE STA. 104+20, 31' LT. T.G. = 632.53 INV. = 626.44

23 INLET, TYPE B, TYPE 23 FRAME AND GRATE STA. 108+00, 24' RT. T.G. = 631.10 INV. = 625.98

8 CATCH BASIN, TYPE A, 4' DIA. TYPE 23, FRAME AND GRATE STA. 97+56, 24' RT. T.G. = 635.48 INV. = 629.05

16A MANHOLE, TYPE A, 4' DIA. TYPE 1, FRAME CLOSED LID STA. 101+85, 24' LT. T.G. = 633.60 INV. = 626.40

24 CATCH BASIN, TYPE A, 4' DIA. TYPE 23, FRAME AND GRATE STA. 108+24, 24' RT. T.G. = 630.99 INV. = 625.90

9 CATCH BASIN, TYPE A, 4' DIA. TYPE 23, FRAME AND GRATE STA. 98+45, 31' LT. T.G. = 635.68 INV. = 629.78

17 CATCH BASIN, TYPE A, 4' DIA. TYPE 23, FRAME AND GRATE STA. 104+44, 24' RT. T.G. = 632.43 INV. = 627.29

25 INLET, TYPE B, TYPE 23 FRAME AND GRATE STA. 109+30, 24' RT. T.G. = 631.39 INV. = 626.89

10 CATCH BASIN, TYPE A, 4' DIA. TYPE 23, FRAME AND GRATE STA. 98+45, 24' RT. T.G. = 635.79 INV. = 629.50

18 CATCH BASIN, TYPE A, 4' DIA. WITH FRAME AND GRATE, TYPE 23 STA. 105+12, 31' LT. T.G. = 631.78 INV. = 626.11

1 STORM SEWER, CL-A, TY.-1, 12" STA. 95+21 (LATERAL) 24', 12" DIA. @ 0.5% T.B. = 22 CU. YD.

12 STORM SEWER, WATER MAIN REQUIREMENTS, 12" STA. 101+92 TO STA. 101+86 (LATERAL) 55', 12" DIA. @ 0.5% T.B. = 56 CU. YD.

18 STORM SEWER, CL-A, TY.-2, 18" STA. 105+12 TO STA. 106+10 98', 18" DIA. @ 0.35% T.B. = 83 CU. YD.

2 STORM SEWER, WATER MAIN REQUIREMENTS, 12" STA. 95+21 (LATERAL) 28', 12" DIA. @ 1.5% T.B. = 10 CU. YD.

12A STORM SEWER, CL-A, TY.-2, 12" STA. 101+86 TO STA. 103+12 (LATERAL) 5', 12" DIA. @ 0.5% T.B. = 5 CU. YD.

18B STORM SEWER, CL-A, TY.-2, 12" STA. 104+53 TO STA. 105+48 95', 12" DIA. @ 0.35%

3 STORM SEWER, WATER MAIN REQUIREMENTS, 12" STA. 96+14 TO STA. 96+06 (LATERAL) 52', 12" DIA. @ 1.5% T.B. = 38 CU. YD.

13 STORM SEWER, CL-A, TY.-2, 15" STA. 101+86 TO STA. 103+12 126', 15" DIA. @ 0.35% T.B. = 126 CU. YD.

19 STORM SEWER, CL-A, TY.-1, 12" STA. 106+10 (LATERAL) 7', 12" DIA. @ 0.35% T.B. = 60 CU. YD.

4 STORM SEWER, CL-A, TY.-2, 15" STA. 96+06 TO 96+25 19', 15" DIA. @ 0.5% T.B. = 15 CU. YD.

14 STORM SEWER, CL-A, TY.-2, 15" STA. 103+12 TO STA. 104+20 108', 15" DIA. @ 0.35% T.B. = 92 CU. YD.

20 STORM SEWER, CL-A, TY.-1, 12" STA. 105+96 (30' RT.) (LATERAL) 14', 12" DIA. @ 0.5%

5 STORM SEWER, CL-A, TY.-2, 15" STA. 96+14 TO 96+29 15', 15" DIA. @ 0.5% T.B. = 12 CU. YD.

14A STORM SEWER, CL-A, TY.-2, 15" STA. 103+12 (LATERAL) NORTH 5', 12" DIA. @ 0.5% T.B. = 4 CU. YD.

21 STORM SEWER, CL-A, TY.-1, 12" STA. 106+43 (31' RT.) 12', 12" DIA. @ 0.5%

6 STORM SEWER, CL-A, TY.-2, 15" STA. 96+25 TO 97+58 133', 15" DIA. @ 0.5% T.B. = 106 CU. YD.

14B STORM SEWER, WATER MAIN REQUIREMENTS, 12" STA. 103+12 (LATERAL) SOUTH 24', 12" DIA. @ 0.5% T.B. = 20 CU. YD.

22 STORM SEWER, CL-A, TY.-1, 12" STA. 107+53 TO STA. 106+97 66', 12" DIA. @ 0.5%

7 STORM SEWER, CL-A, TY.-2, 15" STA. 97+58 (LATERAL) (N) 12', 12" DIA. @ 1.5% T.B. = 10 CU. YD.

15 STORM SEWER, CL-A, TY.-2, 18" STA. 104+20 TO STA. 105+12 92', 18" DIA. @ 0.35% T.B. = 78 CU. YD.

23 STORM SEWER, CL-A, TY.-1, 12" STA. 108+00 TO STA. 108+24 24', 12" DIA. @ 0.5% T.B. = 7 CU. YD.

8 STORM SEWER, CL-A, TY.-2, 10" STA. 97+58 (LATERAL) (S) 6', 12" DIA. @ 1.5% T.B. = 5 CU. YD.

16 STORM SEWER, CL-A, TY.-1, 12" STA. 104+45 TO STA. 104+54 10', 12" DIA. @ 0.5%

9 STORM SEWER, CL-A, TY.-2, 15" STA. 98+45 TO STA. 97+58 (N) 87', 15" DIA. @ 1.5% T.B. = 68 CU. YD.

16A STORM SEWER, CL-A, TY.-2, 12" STA. 104+45 (LATERAL) NORTH 5', 12" DIA. @ 0.5% T.B. = 5 CU. YD.

10 STORM SEWER, WATER MAIN REQUIREMENTS, 12" STA. 98+45 TO STA. 98+58 (LATERAL) 24', 15" DIA. @ 1.5% T.B. = 19 CU. YD.

17 STORM SEWER, CL-A, TY.-1, 12" STA. 105+12 5', 12" DIA. @ 0.5% T.B. = 4 CU. YD.

11 STORM SEWER, CL-A, TY.-2, 12" STA. 100+23 (LATERAL) (N) 8', 12" DIA. @ 0.5% T.B. = 8 CU. YD.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
127TH STREET @ MAPLE AVENUE  
DRAINAGE PIPE AND STRUCTURE  
TABLE

SCALE: VERT. N/A  
HORIZ. DATE 5/22/2007  
DRAWN BY  
CHECKED BY

PLOT DATE = 5/22/2007  
FILE NAME = c:\projects\108048\108048.dwg  
USER NAME = drakeoan

REV. 05-21-07