F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1230	03-00159-00-PV	LAKE	262	88
STA. 219+00	TO STA. 225+00			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT: 83828

N

20 STA. 219+02, 25' LT
CB, TYPE C, 2' DIA.
TYPE 23 F&G
℄ = 702.44
INV = 698.59

21 STA. 219+02, 6' LT
MH, TYPE A, 5' DIA.
TYPE 1 F, CL
RIM = 702.86
INV = 698.33 (W,E)
INV = 698.43 (N,S)

22 STA. 219+02, 25' RT
CB, TYPE C, 2' DIA.
TYPE 23 F&G
℄ = 702.44
INV = 698.71

23 STA. 219+30, 39' LT
INLET, TYPE A
TYPE 23 F&G
℄ = 702.59
INV = 699.71

24 STA. 219+69, 40' LT
CB, TYPE A, 4' DIA.
TYPE 23 F&G
℄ = 702.45
INV = 698.34 (S)
INV = 699.34 (W)

25 STA. 219+69, 6' LT
MH, TYPE A, 5' DIA.
TYPE 1 F, CL
RIM = 702.46
INV = 697.94 (W)
INV = 697.69 (E)
INV = 698.04 (N)

26 STA. 220+60, 25' RT
CB, TYPE C, 2' DIA.
TYPE 23 F&G
℄ = 701.58
INV = 697.62

27 STA. 220+60, 6' LT
MH, TYPE A, 5' DIA.
TYPE 1 F, CL
RIM = 702.00
INV = 697.24 (W), 696.74 (E)
INV = 697.34 (N,S)

28 STA. 220+60, 25' LT
CB, TYPE C, 2' DIA.
TYPE 23 F&G
℄ = 701.58
INV = 697.50

29 STA. 221+29, 25' LT
CB, TYPE C, 2' DIA.
TYPE 23 F&G
℄ = 701.24
INV = 697.24

30 STA. 221+29, 6' LT
MH, TYPE A, 5' DIA.
TYPE 1 F, CL
RIM = 701.66
INV = 696.39 (W)
INV = 695.89 (E)
INV = 696.49 (S), 697.08 (N)

31 STA. 221+29, 25' RT
CB, TYPE C, 2' DIA.
TYPE 23 F&G
℄ = 701.24
INV =696.77

32 STA. 222+30, 25' RT
CB, TYPE C, 2' DIA.
TYPE 23 F&G
℄ = 700.74
INV = 695.76

33 STA. 222+30, 6' LT
MH, TYPE A, 5' DIA.
TYPE 1 F, CL
RIM = 701.16
INV = 695.38 (W)
INV = 694.88 (E)
INV = 695.48 (S), 696.60 (N)

34 STA. 222+30, 25' LT
CB, TYPE C, 2' DIA.
TYPE 23 F&G
℄ = 700.74
INV = 696.74

35 STA. 222+57, 40' LT
INLET, TYPE A
TYPE 23 F&G
℄ = 701.15
INV = 696.91

36 STA. 222+98, 40' LT
CB, TYPE A, 4' DIA.
TYPE 23 F&G
℄ = 701.03
INV = 696.52 (W,S)

37 STA. 223+21, 25' LT
CB, TYPE A, 4' DIA.
TYPE 23 F&G
℄ = 700.28
INV = 696.28 (N,S)

38 STA. 223+21, 6' LT
MH, TYPE A, 5' DIA.
TYPE 1 F, CL
RIM = 700.70
INV = 694.40 (W)
INV = 693.90 (E)
INV = 696.15 (N,S)

39 STA. 223+21, 25' RT
CB, TYPE C, 2' DIA.
TYPE 23 F&G
℄ = 700.28
INV = 696.43

40 STA. 223+87, 25' RT
CB, TYPE C, 2' DIA.
TYPE 23 F&G
℄ = 699.87
INV = 696.03

41 STA. 223+87, 6' LT
MH, TYPE A, 5' DIA.
TYPE 1 F, CL
RIM = 700.29
INV = 693.33 (W)
INV = 692.83 (E)
INV = 695.75 (N,S)

42 STA. 223+87, 25' LT
CB, TYPE C, 2' DIA.
TYPE 23 F&G
℄ = 699.87
INV = 695.91

43 STA. 224+49, 25' LT
CB, TYPE C, 2' DIA.
TYPE 23 F&G
℄ = 699.08
INV = 695.31

℄ WALLACE AVENUE

℄ HONORE AVENUE

℄ MARTIN LUTHER KING JR. DRIVE

REMOVING INLETS

EXISTING R.O.W.

PLUG

REMOVING CATCHBASINS

SS TO BE ABANDONED

PIPE UNDERDRAINS 4"

FORCE MAIN

SEE SHEET NO. 87
MATCHLINE STA. 219+00

MATCHLINE STA. 225+00
SEE SHEET NO. 89

21 12" SS RG CL A 1
16' @ 1.00%
TBF = 4.9 CY

22 12" SS 1 RCP CL 4
28' @ 1.00%
TBF = 8.3 CY

23 24" SS RG CL A 1
62' @ 0.63%
TBF = 22.1 CY

24 12" SS 1 RCP CL 4
37' @ 1.00%
TBF = 10.7 CY

25 12" SS RG CL A 1
30' @ 1.00%
TBF = 9.5 CY

26 27" SS 1 RCP CL 4
86' @ 0.52%
TBF = 33.2 CY

27 12" SS RG CL A 2
16' @ 1.00%
TBF = 5.2 CY

28 12" SS 2 RCP CL 3
28' @ 1.00%
TBF = 9.0 CY

29 27" SS 1 RCP CL 4
65' @ 0.54%
TBF = 43.4 CY

30 12" SS RG CL A 2
16' @ 1.00%
TBF = 6.1 CY

31 12" SS 2 RCP CL 3
28' @ 1.00%
TBF = 10.5 CY

32 27" SS 2 RCP CL 3
96' @ 0.53%
TBF = 74.6 CY

33 12" SS RG CL A 2
14' @ 1.00%
TBF = 9.5 CY

34 12" SS 2 RCP CL 3
28' @ 1.00%
TBF = 18.7 CY

35 27" SS RG CL A 2
86' @ 0.56%
TBF = 76.3 CY

36 12" SS 2 RCP CL 3
39' @ 1.00%
TBF = 12.8 CY

37 12" SS 2 RCP CL 3
24' @ 1.00%
TBF = 7.6 CY

38 12" SS RG CL A 2
13' @ 1.00%
TBF = 4.1 CY

39 12" SS 2 RCP CL 3
28' @ 1.00%
TBF = 8.7 CY

40 27" SS 2 RCP CL 3
62' @ 0.92%
TBF = 62.5 CY

41 12" SS RG CL A 2
16' @ 1.00%
TBF = 5.0 CY

42 12" SS 2 RCP CL 3
28' @ 1.00%
TBF = 8.6 CY

43 27" SS 2 RCP CL 3
57' @ 1.05%
TBF = 63.4 CY

44 12" SS RG CL A 2
16' @ 1.00%
TBF = 4.7 CY

45 12" SS 2 RCP CL 3
28' @ 1.00%
TBF = 8.1 CY

46 27" SS 2 RCP CL 3
175' @ 1.69%
TBF = 202.0 CY

44 STA. 224+49, 6' LT
MH, TYPE A, 5' DIA.
TYPE 1 F, CL
RIM = 699.50
INV = 692.23 (W)
INV = 691.23 (E)
INV = 695.15 (N,S)

45 STA. 224+49, 25' RT
CB, TYPE C, 2' DIA.
TYPE 23 F&G
℄ = 699.08
INV = 695.43

0 50' 100' — 1"= 20'

PROFILE

PROPOSED PROFILE

EXISTING PROFILE

62' - 24" RCP @ 0.63%

86' - 27" RCP @ 0.52%

65' - 27" RCP @ 0.54%

96' - 27" RCP @ 0.53%

86' - 27" RCP @ 0.56%

62' - 27" RCP @ 0.92%

57' - 27" RCP @ 1.05%

175' - 27" RCP @ 1.69%

-0.50%

-2.79%

PROPOSED WATERMAIN

PROPOSED SANITARY SEWER

EXTG. WATER

EXTG. 8" SANITARY FORCE MAIN

EXTG. 12" SAN.

EXISTING ELEVATION
PROPOSED ELEVATION

	219+00	219+50	220+00	220+50	221+00	221+50	222+00	222+50	223+00	223+50	224+00	224+50	225+00
EXISTING	703.07	702.69	702.58	702.39	702.27	702.15	702.05	701.94	701.88	701.82	701.76	701.70	701.57	701.44	701.33	701.22	701.14	701.06	700.91	700.74	700.50	700.24	699.89	699.52	698.96
PROPOSED	702.99	702.80	702.67	702.55	702.42	702.30	702.17	702.05	701.92	701.80	701.67	701.55	701.42	701.30	701.17	701.05	700.92	700.80	700.67	700.51	700.28	699.97	699.60	699.15	698.63

698.33
698.33
697.94
697.69
697.24
696.74
696.39
695.89
695.38
694.88
694.40
693.90
693.33
692.83
692.23
691.23

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REVISIONS

NAME	DATE

CITY OF NORTH CHICAGO
MARTIN LUTHER KING JR. DRIVE IMPROVEMENTS

MARTIN LUTHER KING JR. DRIVE PROPOSED STORM SEWER PLAN AND PROFILE STA. 219+00 TO 225+00

SCALE: 1"=20' DRAWN BY: KMS
DATE: APRIL, 2008 CHECKED BY: MJL

DATE: 7/1/2008
TIME: 7:38:12 AM
FILENAME: N:\PROJ\5161\Design\Drainage\5161-DRN-04.dgn