F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1230	03-00159-00-PV	LAKE	262	94
STA. 254+00	TO STA. 260+00			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT: 83828

(134) STA. 254+39, 25.5' LT
CB, TYPE C, 2' DIA.
TYPE 23 F&G
℄ = 650.67
INV = 646.70

(135) STA. 254+39, 6' LT
MH, TYPE A, 6' DIA.
TYPE 1 F, CL
RIM = 651.12
INV = 641.93 (E)
INV = 642.03 (W)
INV = 646.54 (N)
INV = 646.98 (S)

(136) STA. 254+39, 25.5' RT
INLET, TYPE A
TYPE 23 F&G
℄ = 650.67
INV = 647.27

(137) STA. 255+19, 26' RT
CB, TYPE C, 2' DIA.
TYPE 23 F&G
℄ = 649.89
INV = 646.21

(138) STA. 255+21, 15' RT
MH, TYPE A, 5' DIA.
TYPE 1 F, CL
RIM = 650.13
INV = 645.80 (NE)
INV = 646.12 (S)
INV = 646.44 (NW EXIST.)
INV = 645.93 (W EXIST.)

(139) STA. 255+28, 6' LT
MH, TYPE A, 6' DIA.
TYPE 1 F, CL
RIM = 650.24
INV = 640.85 (W)
INV = 640.71 (E)
INV = 645.62 (N,S)

(140) STA. 255+28, 26' LT
CB, TYPE C, 2' DIA.
TYPE 23 F&G
℄ = 649.81
INV = 645.78

(141) STA. 256+18, 26.5' LT
CB, TYPE C, 2' DIA.
TYPE 23 F&G
℄ = 648.61
INV = 644.63

(142) STA. 256+18, 6' LT
MH, TYPE A, 6' DIA.
TYPE 1 F, CL
RIM = 649.05
INV = 639.59 (W)
INV = 639.15 (E)
INV = 640.96 (S)
INV = 644.46 (N)

(143) STA. 256+18, 25.5' RT
CB, TYPE C, 2' DIA.
TYPE 23 F&G
℄ = 648.63
INV = 641.16

(144) STA. 257+24, 26' RT
CB, TYPE C, 2' DIA.
TYPE 11 F&G
℄ = 647.24
INV = 643.17

(145) STA. 257+39, 26' RT
CB, TYPE A, 4' DIA.
TYPE 11 F&G
℄ = 647.21
INV = 641.16 (N)
INV = 643.07 (W)

(145A) STA. 257+49, 48' RT
MH, TYPE A, 6' DIA.
TYPE 1 F, CL
RIM = 647.89
INV = 638.75 (SW)
INV = 638.75 (E)

(146) STA. 257+39, 6' LT
MH, TYPE A, 6' DIA.
TYPE 1 F, CL
RIM = 647.68
INV = 638.36 (E)
INV = 638.46 (W)
INV = 640.96 (S)
INV = 643.07 (N)

(147) STA. 257+39, 26' LT
CB, TYPE C, 2' DIA.
TYPE 11 F&G
℄ = 647.21
INV = 643.24

SEE SHEET NO.99
MATCHLINE STA. 173+35

SEE SHEET NO. 93
MATCHLINE STA. 254+00

MATCHLINE STA. 260+00
SEE SHEET NO. 95

℄ COMMONWEALTH AVENUE

℄ MARTIN LUTHER KING JR. DRIVE

EXISTING R.O.W.

REMOVING INLETS
REMOVING CATCHBASINS
ADJ. W/ NEW TY 1 F CL
113' - STORM SEWER REMOVAL, 18"
PROP SS CONNECTION TO EXIST CULVERT INV = 636.00
REMOVING INLETS
REMOVING MANHOLES
12' - STORM SEWER REMOVAL, 10"
SS TO BE ABANDONED
84' - STORM SEWER REMOVAL, 18"
PROP MH CONNECTION OVER EXISTING SS (SOUTH INVERT)
PROP SS CONN TO EXIST MH INV = 643.42
ADJ. W/ NEW TY 1 CL
35' - STORM SEWER REMOVAL, 12"
PROP MH CONNECTION OVER EXIST SS (SW)
REMOVING INLETS
REMOVING MANHOLES
REMOVING INLETS
PIPE UNDERDRAINS 4"
REMOVING MH
PROP MH CONNECTION OVER EXIST SS
PLUG
9' - STORM SEWER REMOVAL, 10"
REMOVING CATCHBASINS
SS TO BE ABANDONED
PIPE UNDERDRAINS 4"
PLUG
REMOVING INLETS
SS TO BE ABANDONED

(135) 12" SS RG CL A 2
16' @ 1.00%
TBF = 5.1 CY

(136) 12" SS 1 RCP CL 4
26' @ 1.00%
TBF = 6.9 CY

(137) 36" SS 2 RCP CL 3
84' @ 1.29%
TBF = 134.6 CY

(138) 12" SS RG CL A 2
16' @ 1.00%
TBF = 5.2 CY

(139) 12" SS 1 RCP CL 4
18' @ 1.00%
TBF = 6.4 CY

(140) 12" SS 2 RCP CL 3
4' @ 1.00%
TBF = 1.3 CY

(141) 36" SS 2 RCP CL 3
86' @ 1.30%
TBF = 142.3 CY

(142) 12" SS RG CL A 2
17' @ 1.00%
TBF = 5.4 CY

(143) 12" SS 2 RCP CL 3
26' @ 0.50%
TBF = 27.1 CY

(144) 42" SS 2 RCP CL 3
117' @ 0.59%
TBF = 199.2 CY

(145) 12" SS RG CL A 2
15' @ 1.00%
TBF = 4.8 CY

(146) 12" SS 2 RCP CL 3
26' @ 0.50%
TBF = 21.4 CY

(147) 12" SS 1 RCP CL 4
10' @ 1.00%
TBF = 2.9 CY

(148) 42" SS 2 RCP CL 3
126' @ 0.60%
TBF = 227.1 CY

(149) 12" SS 1 RCP CL 4
40' @ 1.00%
TBF = 13.6 CY

(150) 18" SS 2 RCP CL 3
75' @ 2.28%
TBF = 100.9 CY

(151) 12" SS RG CL A 1
35' @ 1.00%
TBF = 24.8 CY

(152) 12" SS 2 RCP CL 3
32' @ 1.00%
TBF = 10.7 CY

(153) 42" SS 2 RCP CL 3
125' @ 0.80%
TBF = 280.0 CY

SPECIAL WASTE

HAZARDOUS WASTE

(154) 12" SS 1 RCP CL 4
18' @ 1.00%
TBF = 4.6 CY

(149) STA. 258+70, 6' LT
MH, TYPE A, 6' DIA.
TYPE 1 F, CL
RIM = 648.14
INV = 637.60 (W)
INV = 637.00 (E)
INV = 638.00 (SW)
INV = 642.00 (NE)
INV = 641.91 (S EXISTING)

(150) STA. 258+85, 43' LT
CB, TYPE A, 4' DIA.
TYPE 11 F&G
℄ = 647.14
INV = 642.38 (NW)
INV = 642.28 (SW)

(151) STA. 258+87, 45' RT
CB, TYPE C, 2' DIA.
TYPE 11 F&G
℄ = 647.46
INV = 643.60

(148) STA. 257+96, 25' RT
MH, TYPE A, 6' DIA.
TYPE 1 F, CL
RIM = 647.43
INV = 639.71 (NE)
INV = 642.21 (S)
INV = 639.73 (SW EXIST. CONN TO PROP MH)

0 50' 100' — 1"= 20'

PROFILE

PROPOSED PROFILE
EXISTING PROFILE
PROPOSED SANITARY SEWER
PROPOSED WATERMAIN
EXTG. WATER
EXTG. 12" SAN.
EXTG. 10" SAN.

-0.98% 1.94% -1.94% +0.36% +0.36% +1.03%

84' - 36" RCP @ 1.29%
86' - 36" RCP @ 1.30%
117' - 42" RCP @ 0.59%
126' - 42" RCP @ 0.60%
125' - 42" RCP @ 0.80%

642.03 641.93 640.85 640.71 639.59 639.15 638.46 638.36 637.60 637.00

SEE SHEET NO. 93
MATCHLINE STA. 254+00

MATCHLINE STA. 260+00
SEE SHEET NO. 95

	254+00	254+50	255+00	255+50	256+00	256+50	257+00	257+50	258+00	258+50	259+00	259+50	260+00
EXISTING ELEVATION	651.65	651.35	651.11	650.87	650.60	650.34	650.08	649.83	649.55	649.28	649.03	648.78	648.44	648.07	647.82	647.65	647.46	647.29	647.31	647.70	647.95	648.22	648.49	648.77	649.05
PROPOSED ELEVATION	651.62	651.37	651.13	650.88	650.64	650.39	650.15	649.90	649.52	649.04	648.57	648.20	647.94	647.80	647.78	647.85	647.94	648.03	648.12	648.21	648.30	648.39	648.65	648.91	649.17

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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. 254+00 TO 260+00

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

DATE: 7/1/2008
TIME: 7:44:49 AM
FILENAME: N:\PROJ\5161\Design\Drainage\5161-DRN-10.dgn