℄ 85th AVENUE WEST

85TH AVE.
CURVE DATA
PI STA. = 25+32.02
Δ = 12°21'25"
D = 4°46'28.7"
R = 1200.00'
T = 129.91'
L = 258.80'
E = 7.01'
e = 3.9%
T.R. = 36
S.E. RUN = 94
P.C. STA. = 24+02.12
P.T. STA. = 26+60.92

51ST ST
CURVE DATA
PI STA. = 102+41.07
Δ = 26°18'23.5"
D = 15°04'40.2"
R = 380.00'
T = 88.80'
L = 174.47'
E = 10.24'
e = NC
T.R. = N/A
S.E. RUN = N/A
P.C. STA. = 101+52.27
P.T. STA. = 103+26.74

51ST ST
CURVE DATA
PI STA. = 104+06.43
Δ = 23°41'16.4"
D = 15°04'40.2"
R = 380.00'
T = 79.69'
L = 157.11'
E = 8.27'
e = NC
T.R. = N/A
S.E. RUN = N/A
P.C. STA. = 103+26.74
P.T. STA. = 104+83.85

2 CENTERED CURVE
60'-475', 7' OFFSET

TEMPORARY EASEMENT
PROPOSED 4' BIT. SHOULDER
GUTTER INLET
℄ 51st ST.
PROPOSED M-6.24 C&G
CONSTRUCTION LIMITS
PROP ROW
EXIST ROW
PROPOSED 10' BIT. SHOULDER
EXISTING 51st ST. TO BE REMOVED
EXISTING ℄ 51st ST.
TEMPORARY EASEMENT
CONSTRUCTION LIMITS
TAPER BACK OF CURB IN FIELD TO MATCH DRIVEWAY CURB AS DIRECTED BY THE ENGINEER.
END IMPROVEMENT STA. 99+72.66
STA. 100+97.69 51st ST. = STA. 25+47.07 85th AVE.
END IMPROVEMENT STA. 104+89.2
EXIST PCC
EX. C&G
EX. 12" ST
EXIST CE
GRAPHIC SCALE 20 0 20

LOW POINT ELEV. = 606.03
LOW POINT STA = 100+71.41
PVI STA = 100+37.66
PVI ELEV = 605.66
A.D. = 12.81
K = 6.25
80' VC
PVC 99+97.66 EL= 610.38
PVI 100+77.66 EL= 606.06
EOP STA = 100+85.66 PVI ELEV = 606.14
EOP STA = 101+09.72 PVI ELEV = 605.20
PVC 01+32.50 EL= 604.75
PVI STA = 101+80 PVI ELEV = 603.80 A.D. = -4.88 K = 19.46
95' VC
PVI 102+27.50 EL= 600.53
PVC 104+02.50 EL= 588.48
PVI STA = 104+45 PVI ELEV = 585.56 A.D. = 2.21 K = 38.43
85' VC
PVI 104+87.50 EL= 583.58
LT. DITCH +00 EL: 607.71
LT. DITCH +25 EL: 605.41
LT. DITCH +50 EL: 604.06
LT. DITCH +50 EL: 593.50
LT. DITCH +50 EL: 585.00
LT. DITCH +50 EL: 581.80
LT. DITCH +50 EL: 580.10
EXISTING GROUND LINE
PROPOSED GRADE LINE
-3.1%
-11.31%
-4.00%
-3.90%
-2.00%
-6.88%
-8.5%
-3.2%
-1.7%
-0.54% TO EX. DITCH
-4.67%
DATUM ELEV 580.00

REVISIONS		
No.	DESCRIPTION	DATE

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85th AVE WEST
Rock Island, Illinois

51ST ST PLAN AND PROFILE

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Date:	MAY, 2006

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