CURVE DATA
PC = 113+46.96
PI = 113+76.17
PT = 113+93.28
Da = 190°59'09"
Dc = 00°00'00"
T = 29.20
R = 30.00
L = 46.32
C = 41.85
E = 11.87
M = 8.50

REED-KEPPLER
WEST CHICAGO PARK DISTRICT
(OWNED BY CITY OF WEST CHICAGO)

NATIONAL ST.

MATCH LINE STA. 113+50

PROPOSED STOP SIGN
METAL POST TYB-12 LF
SIGN PANEL TY1-6.25 SF

THERMOPLASTIC PAVEMENT
MARKING-LINE 24" 10LF

BOLLARDS TO BE REMOVED
(INCLUDED IN THE COST
OF HYDRANT REMOVAL)

FIRE HYDRANT TO BE REMOVED

FIRE HYDRANT WITH AUX.
VALVE AND VALVE BOX

FIRE HYDRANT TO BE
REMOVED

F.E.S. 12"
INV 786.75

PROPOSED STOP SIGN
METAL POST TYB-12 LF
SIGN PANEL TY1-6.25 SF

THERMOPLASTIC PAVEMENT
MARKING-LINE 24" 10LF

50' SS T1 12" RG
T.B.=7 C.Y.

F.E.S. 12"
INV 786.50

95' SS T1 12" RG @ 0.11%

FIRE HYDRANT TO BE
REMOVED

123+02, 16.5'LT.
F.E.S. 12"
INV 776.40

FIRE HYDRANT WITH AUX.
VALVE AND VALVE BOX

P.C.C. SIDEWALK
160 S.F.

CONTRACTOR TO PROTECT
AND MAINTAIN SHOULDER

UTILITY POLE TO BE
RELOCATED (BY OTHERS)

ARBOR AVENUE

HMA DRIVEWAY PAVEMENT
REMOVAL AND REPLACMENT

HMA DRIVEWAY PAVEMENT
REMOVAL AND REPLACMENT

UTILITY POLE TO BE RELOCATED
(BY OTHERS)

12" TAPPING VALVE & SLEEVE
IN 5'ø VAULT

26' SS T1 12" RG @ 1.1%
T.B.=4 C.Y.

STA. 124+00, 10'RT.
CB TYC 2'ø
TYPE B GRATE
RIM 778.28
INV 778.78(N&S)

STA. 123+02, 9.5'RT.
INLET TYB 3'ø
TYPE B GRATE
RIM 778.18
INV 776.68(N&W)

MATCH LINE STA. 124+00

NOTES:
1. NO PAYMENT WILL BE MADE FOR RESTORATION OUTSIDE THE LIMITS OF CONSTRUCTION AREA UNLESS DIRECTED BY THE ENGINEER.
2. ALL PROPOSED CURB AND GUTTER SHALL BE TYPE B6.12 UNLESS SPECIFIED OTHERWISE.

40 0 40 80 120 HORIZ.
4 0 4 8 12 VERT.

PVI STA 114+10
EL 793.00
LEN = 80'
K = 21.44
E = 0.37
PVC STA 113+70
EL 791.73
PVT STA 114+50
EL 792.78
HP STA 114+38.09
EL 792.81
3.19%
-0.56%

PVI STA 115+45
EL 792.25
LEN = 100'
K = 253.64
E = 0.05
PVC STA 114+95
EL 792.53
PVT STA 115+95
EL 792.17
-0.16%

PVI STA 117+00
EL 792.00
LEN = 100'
K = 8857.14
E = 0.00
PVC STA 116+50
EL 792.08
PRVC STA 117+50
EL 791.92
-0.15%

PVI STA 118+00
EL 791.85
LEN = 100'
K = 500.00
E = 0.03
PRVC STA 118+50
EL 791.67
-0.55%

PVI STA 119+00
EL 791.50
LEN = 100'
K = 188.68
E = 0.07
PRVC STA 119+50
EL 791.06
-0.88%

PVI STA 120+00
EL 790.62
LEN = 100'
K = 58.14
E = -0.22
PVC STA 120+50
EL 789.32
2.60%

PVI STA 121+00
EL 788.02
LEN = 100'
K = 38.91
E = 0.32
PRVC STA 121+50
EL 785.43
-4.60%

PVI STA 122+00
EL 782.85
LEN = 100'
K = 129.87
E = 0.10
PRVC STA 122+50
EL 780.65

PVI STA 123+00
EL 778.45
LEN = 100'
K = 19.08
E = 0.65
PVT STA 123+50
EL 778.87
LP STA 123+33.97
EL 778.80
PVC STA 123+75
EL 779.08
0.84%

801 797 793 789 785 781 777 773 769

750.9 791.09 | 792.4 792.47 | 792.5 792.78 | 792.0 792.50 | 791.5 792.28 | 791.8 792.16 | 791.5 792.08 | 790.8 792.00 | 790.9 791.92 | 790.8 791.82 | 790.6 791.67 | 790.1 791.43 | 789.8 791.06 | 789.1 790.40 | 788.4 789.32 | 787.4 787.70 | 785.0 785.43 | 782.4 782.95 | 779.9 780.65 | 777.0 779.11 | 778.0 778.87 | 778.6 779.23

113+50 114+00 114+50 115+00 115+50 116+00 116+50 117+00 117+50 118+00 118+50 119+00 119+50 120+00 120+50 121+00 121+50 122+00 122+50 123+00 123+50 124+00

PLAN
SURVEYED
DRAWN
ALIGNMENT CHECKED
NOTE BOOK
NO.
BY
DATE

PROFILE
DRAWN
PLOTTED
GRADES CHECKED
NOTE BOOK
NO.
STRUCTURE NO.
BY
DATE

ENGINEERING RESOURCE ASSOC., INC.
CONSULTING ENGINEERS, SCIENTISTS & SURVEYORS
3701 WEST AVENUE, SUITE 130
WARRENVILLE, ILLINOIS 60555
PHONE (630) 393-3060 FAX (630) 393-2152

FILE NAME = H:\West Chicago\100810.00 Bike Trail Connector\CADD\Final Design\RCp03005.dwg	USER NAME = rtanner	DESIGNED - BD	REVISED - 01-14-2013
		DRAWN - RT	REVISED - ---
	PLOT SCALE =	CHECKED - JFM	REVISED - ---
	PLOT DATE = 1/14/2013	DATE - APRIL, 2012	REVISED - ---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARBOR AVENUE
PLAN AND PLOT

SCALE: 1"=40'H; 1"=4'V | SHEET NO. 3 OF 7 SHEETS | STA. 113+50 TO STA. 124+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
----	00-00064-00-BT	DuPAGE	31	11
		CONTRACT NO. 63730		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		