NOTE: ENTRANCES AND INTERSECTIONS ARE AT 90° UNLESS OTHERWISE NOTED.

PAVEMENT WIDENING (3' MIN. WIDTH)

N

20' 0 20' 40'
GRAPHIC SCALE

CURVE DATA – C2	CURVE DATA – C3	CURVE DATA – C6
R = 310.00'	R = 310.00'	R = 300.00'
Δ = 51°04'21"	Δ = 53°02'33"	Δ = 25°39'26"
L = 276.33'	L = 286.99'	L = 134.34'
T = 148.10'	T = 154.70	T = 68.32
SE = NC	SE = NC	SE = NC
PC = 112+89.57	PRC = 115+65.90	PC = 200+08.86
PI = 114+37.67	PI = 117+20.60	PI = 200+77.18
PRC = 115+65.90	PT = 118+52.88	PT = 201+43.20

CURVE DATA – C8	CURVE DATA – C9
R = 300.00'	R = 200.00'
Δ = 20°42'34"	Δ = 33°31'58"
L = 108.43'	L = 117.05'
T = 54.82	T = 60.26
SE = NC	SE = NC
PC = 400+07.74	PCC = 401+16.17
PI = 400+62.56	PI = 401+76.43
PCC = 401+16.17	PT = 402+33.22

SEE SHEET 19 FOR CONTINUATION

MATCH LINE, STATION 115+50

℄ LONGFELLOW ST

PCC STA 401+16.17

PRC STA 115+65.90

PC STA 400+07.74

PC STA 200+08.86

PT STA 118+52.88

25:1 TAPER

35:1 TAPER

LIMITS OF CONSTRUCTION

PROPOSED R.O.W.

EXISTING R.O.W.

PERPENDICULAR CURB RAMP IN LANDSCAPED AREA SETBACK>5'

PERPENDICULAR CURB RAMP IN LANDSCAPED AREA SETBACK<5'

SEE DETAIL SHEET 45 FOR INTERSECTION DETAIL

STA. 400+59.53
END BIINDER & SC PVMT
BEGIN A3 SURF TREATMENT

COMB CC&G TY B6.24
℄ E. CENTRAL ST
STA. 116+22.00
E. MAIN ST
℄ STA. 200+00.00
LONGFELLOW ST
℄ STA. 400+00.00

31.25 L.F. STEEL PLATE BEAM GUARDRAIL

SEE DETAIL SHEET 43 FOR INTERSECTION AND SIDEWALK DETAILS

PERPENDICULAR CURB RAMP IN LANDSCAPED AREA SETBACK>5'

HMA SC & BINDER CSE PVMT

PAVED DITCH, SEE DETAIL SHEET 39

PROPOSED GRADING, DRAINAGE AND UTILITY EASEMENT

PCC SIDEWALK 4"

STA. 200+50.41
END BINDER & SC PVMT
BEGIN A3 SURF TREATMENT

PAVED DITCH, SEE DETAIL SHEET 39

COMB CC&G TY B6.24
℄ E. MAIN ST

COMB CC&G TY B6.24
℄ E CENTRAL ST

ENTRANCE PEDESTRIAN CROSSING

T.C.E.

LIMITS OF CONSTRUCTION

PROPOSED GRADING, DRAINAGE AND UTILITY EASEMENT

PARKSIDE PRIMARY SCHOOL

BETHALTO ARBORETUM

EX SHRUB TYP

EX CONIC SW

n/f DEBORAH WOMACK BK 4610, PG 0828

n/f JAN HARMON BK 4122, PG 0073

n/f WILLIAM & SHELBY FORRESTER BK 3186, PG 1071

n/f BETHALTO CUSD #8 BK 4097, PG 1668

+53.89 33.04' RT
+85.23
+70.37
+80.60
+37.94
+64.55
+94.00 14.83' LT
+38.90 40.90' LT
+05.37 35.86' LT
+09.99 48.45' LT
+24.25' P.E. CONC
+81.15 61.00' LT
+76.22 47.55' LT
+75.00 20.58' RT
+14.33 42.05' RT
+69.74 25.54' RT
+68.90 END COMB CC&G BOTH SIDES

STA. 120+69.55
E. CENTRAL ST EXISTING R.O.W.

STA. 120+00.00
BEGIN WIDENING
END HMA BINDER AND SC

88°19'11"
91°40'49"

PROFILE

STA. 116+22
℄ E. CENTRAL ST =
STA. 200+00
℄ E. MAIN ST=
STA. 400+00
℄ LONGFELLOW ST
EL. 525.13

EXISTING GROUND LINE
PROFILE GRADE LINE

-0.50%
0.50%

EVCS: 115+83.77
EVCE: 525.31

BVCS: 118+07.56
BVCE: 524.20

LOW POINT ELEV = 524.08
LOW POINT STA = 118+52.55
PVI STA = 118+52.56
PVI ELEV = 523.97
A.D. = 1.00
K = 89.81
90.00' VC

EVCS: 118+97.56
EVCE: 524.20

END PAVEMENT
PVI STA = 120+69.55
MEET EXISTING

535	530	525	520	515	510

526.9 525.58 | 525.4 525.23 | 525.2 524.98 | 524.7 524.73 | 524.8 524.48 | 525.1 524.23 | 524.6 524.08 | 524.5 524.21 | 524.6 524.46 | 524.7 524.7 | 524.7 524.7 | 524.7 525.12

116+00 117+00 118+00 119+00 120+00 121+00

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
NOTE BOOK
NO.
DATE
BY
REVISIONS
CADD FILE NAME

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
NOTE BOOK
NO.
DATE
BY
REVISIONS
STRUCTURE NO(S)/ATN'S

08026-Sht-PlnPrf.dwg	USER NAME = Robert Watson	DESIGNED – M.J.R.	REVISED –	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**PLAN & PROFILE - EAST CENTRAL STREET**
		DRAWN – R.A.W.	REVISED –		
	PLOT SCALE = 1:1	CHECKED – E.R.O.	REVISED –		SCALE: 1:20H, 1:5V SHEET NO. 18 OF 62 SHEETS STA. 115+50 TO STA. 121+00
	PLOT DATE = 4/6/2012	DATE – 3/21/12	REVISED –		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8959	08-00026-00-WR	MADISON	62	18
		CONTRACT NO. 97493		
BETHALTO	ILLINOIS FED. AID PROJECT			