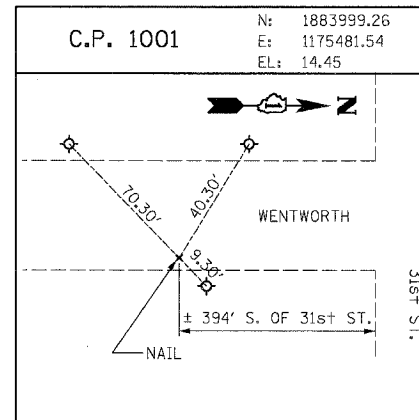
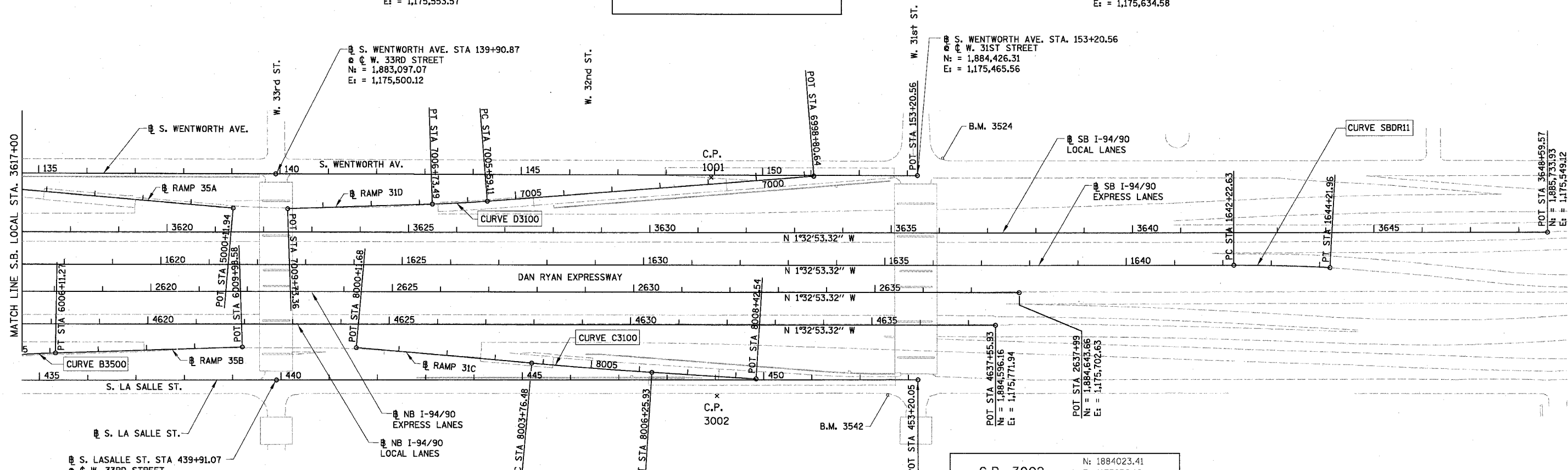


F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	49
STA. 3617+00.00 TO STA.				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62302		(1818, ETC. 2324.6-1)PR-9		

PROP. CURVE D3100
P.I. STA = 7006+16.31
N: = 1,883,480.18
E: = 1,175,550.12
Δ = 2° 35' 11" (RT)
D = 2° 15' 40"
R = 2,534.00'
T = 57.20'
L = 114.38'
E = 0.65'
e = 2.6%
S.A. = STA 7005+43.11 TO 7005+63.11
S.R. = STA 7006+69.49 TO 7006+89.49
P.C. STA = 7005+59.11
N: = 1,883,537.06
E: = 1,175,544.09
P.T. STA = 7006+73.49
N: = 1,883,423.08
E: = 1,175,553.57



PROP. CURVE SBDR11
P.I. STA = 1643+22.32
N: = 1,885,186.06
E: = 1,175,631.95
Δ = 3° 03' 18" (RT)
D = 1° 31' 57"
R = 3,738.57'
T = 99.69'
L = 199.33'
E = 1.33'
e = ±2.5% (MATCH EXISTING)
S.A. = STA 1641+95.99 TO 1642+35.95
S.R. = N/A
P.C. STA = 1642+22.63
N: = 1,885,086.40
E: = 1,175,634.65
P.T. STA = 1644+21.96
N: = 1,885,285.71
E: = 1,175,634.58

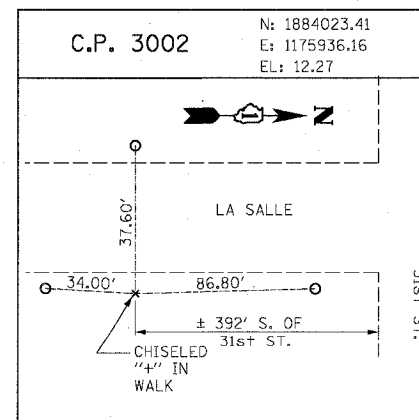


⊕ S. LASALLE ST. STA 439+91.07
⊕ W. 33RD STREET
N: = 1,883,110.40
E: = 1,175,928.83

PROP. CURVE B3500
P.I. STA = 6005+40.21
N: = 1,882,580.23
E: = 1,175,889.72
Δ = 3° 25' 00" (RT)
D = 2° 24' 12"
R = 2,384.00'
T = 71.10'
L = 142.16'
E = 1.06'
e = 2.7%
S.A. = STA 6004+53.11 TO 6004+73.11
S.R. = STA 6006+07.27 TO 6006+27.27
P.C. STA = 6004+69.11
N: = 1,882,509.63
E: = 1,175,898.23
P.T. STA = 6006+11.27
N: = 1,882,651.20
E: = 1,175,885.43

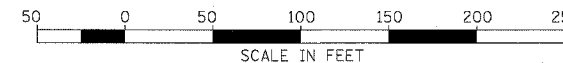
PROP. CURVE C3100
P.I. STA = 8005+01.21
N: = 1,883,762.40
E: = 1,175,886.19
Δ = 1° 25' 45" (LT)
D = 0° 34' 23"
R = 10,000.00'
T = 124.73'
L = 249.45'
E = 0.78'
P.C. STA = 8003+76.48
N: = 1,883,637.89
E: = 1,175,878.68
P.T. STA = 8006+25.93
N: = 1,883,887.05
E: = 1,175,890.60

⊕ S. LASALLE ST. STA 453+20.05
⊕ W. 31ST STREET
N: = 1,884,438.84
E: = 1,175,890.52



BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
www.bbainc.com

NOTE: ALL COORDINATES ARE GIVEN IN STATE PLANE (GRID) COORDINATES. GRID TO GROUND CONVERSION FACTOR = 1.000010988654360



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
ALIGNMENT, TIES, AND BENCHMARKS
SCALE: 1"=100'
DATE: 07/07/05
DRAWN BY: JDC
CHECKED BY: RS

ALT-04
6/24/2005 3:05:15 PM