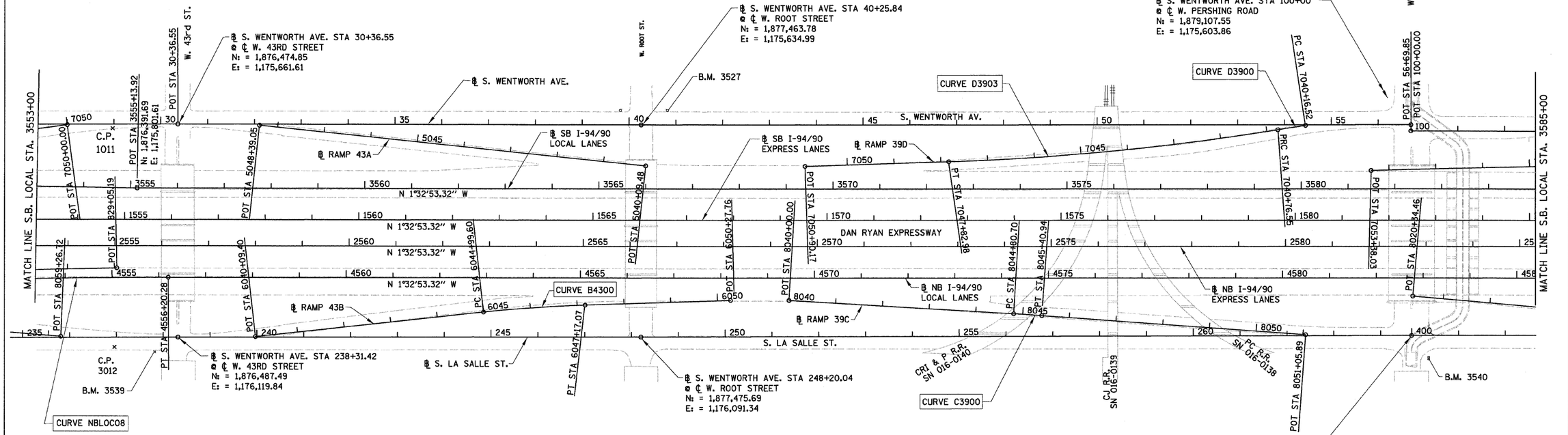
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	37	6
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62992		* (2323.6-2P&2324.6-1P)I		

N:\660\cad\civil\3IE\SHEETS\660_3IECALT01.dgn

PROP. CURVE D3903
P.I. STA = 7044+30.25
N: = 1,878,475.96
E: = 1,175,675.24
Δ = 7° 22′ 41″ (RT)
D = 1° 02′ 40″
R = 5,486.00′
T = 353.70′
L = 706.43′
E = 11.39′
P.C. STA = 7040+76.55
N: = 1,878,823.36
E: = 1,175,608.75
P.T. STA = 7047+82.98
N: = 1,878,122.90
E: = 1,175,696.57

PROP. CURVE D3900
P.I. STA = 7040+46.54
N: = 1,878,852.84
E = 1,175,603.11
Δ = 0° 47′ 26″ (LT)
D = 1° 19′ 02″
R = 4,350.00′
T = 30.02′
L = 60.03′
E = 0.10′
P.C. STA = 7040+16.52
N: = 1,878,882.40
E: = 1,175,597.87
P.T. STA = 7040+76.55
N: = 1,878,823.36
E: = 1,175,608.75



PROP. CURVE NBL0C08
P.I. STA = 4554+19.42
N: = 1,876,262.66
E: = 1,175,997.17
Δ = 1° 32′ 04″ (RT)
D = 0° 22′ 55″
R = 15,000.00′
T = 200.89′
L = 401.75′
E = 1.35′
P.C. STA = 4552+18.53
N: = 1,876,062.07
E: = 1,176,007.97
P.T. STA = 4556+20.28
N: = 1,876,463.47
E: = 1,175,991.74

PROP. CURVE B4300
P.I. STA = 6046+08.39
N: = 1,877,246.14
E = 1,176,032.59
Δ = 4° 21′ 02″ (RT)
D = 2° 00′ 02″
R = 2,864.00′
T = 108.79′
L = 217.47′
E = 2.07′
e = 3.0%
S.A. = STA 6044+79.60 TO 6045+09.60
S.R. = STA 6047+07.07 TO 6047+37.07
P.C. STA = 6044+99.60
N: = 1,877,138.36
E: = 1,176,047.37
P.T. STA = 6047+17.07
N: = 1,877,354.72
E: = 1,176,026.03

PROP. CURVE C3900
P.I. STA = 8045+10.82
N: = 1,878,300.35
E = 1,176,021.08
Δ = 0° 41′ 25″ (RT)
D = 1° 08′ 45″
R = 5,000.00′
T = 30.12′
L = 60.24′
E = 0.09′
P.C. STA = 8044+80.70
N: = 1,878,270.25
E: = 1,176,020.07
P.T. STA = 8045+40.94
N: = 1,878,330.44
E: = 1,176,022.46

NOTES:
1. AVERAGE GRID TO GROUND CONVERSION FACTOR = 1.000010988654360
2. FOR BENCH MARK INFORMATION, SEE SHEET ALT-16 OF ALIGNMENT PLAN SHEETS.
3. FOR RAMP P.O.T. INFORMATION, SEE SHEET ALT-16 OF ALIGNMENT PLAN SHEETS.

ALT-02

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

REVISIONS	
NAME	DATE
REVISED	3-6-08

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
NORTHBOUND KNEE WALLS (PERSHING RD TO 35TH STREET)

ALIGNMENT PLAN

SCALE: 1"=100'
DRAWN BY: JDC
DATE: 03/06/08
CHECKED BY: RS

3/6/2008 12:05:48 PM