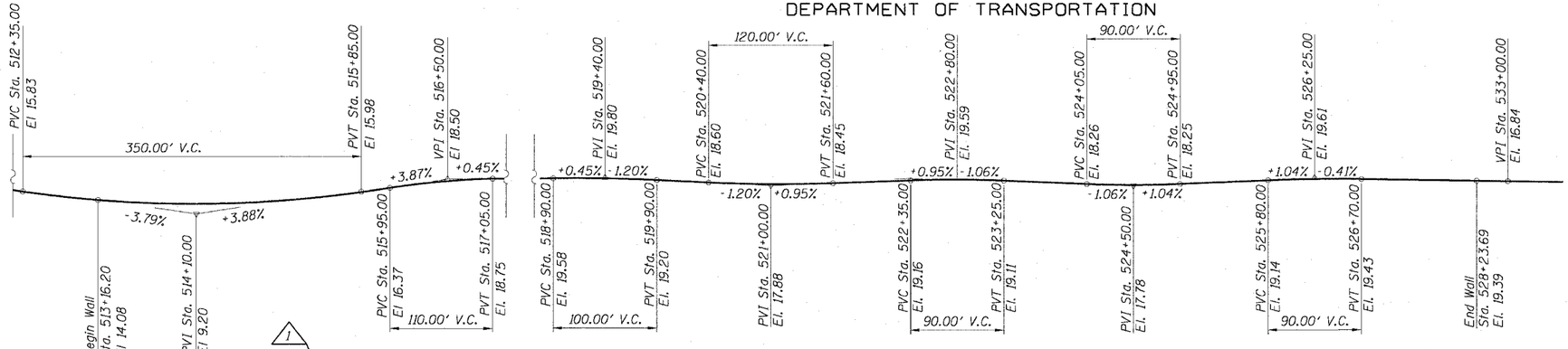
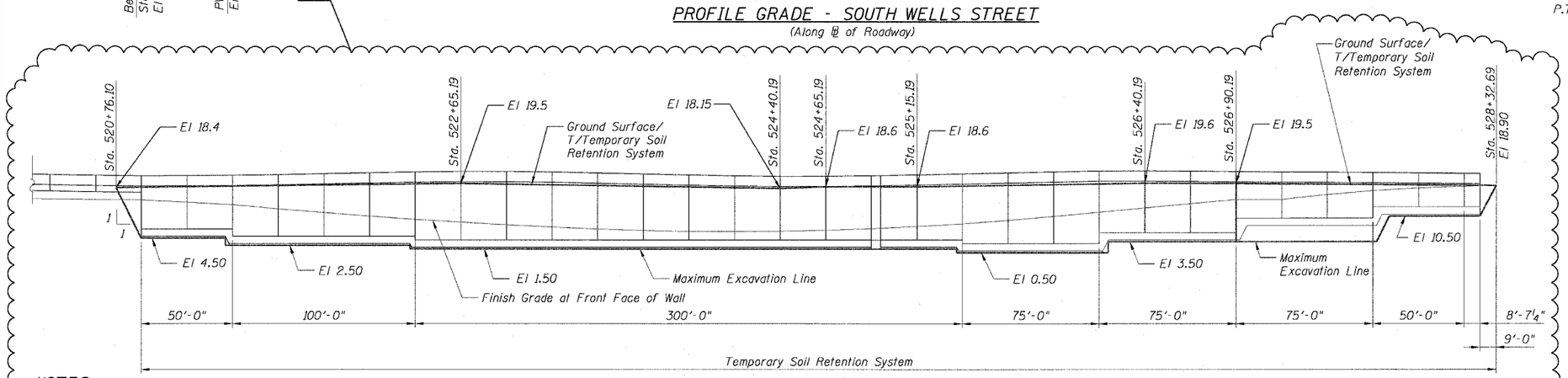
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2021-922PT.1-AC	COOK	460	293
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

62693



PROFILE GRADE - SOUTH WELLS STREET
(Along ℄ of Roadway)



ELEVATION
TEMPORARY SOIL RETENTION SYSTEM
(Looking West)

NOTES:

1. A cantilevered sheet piling design does not appear feasible and additional members or other retention systems may be necessary. The Contractor shall submit a temporary soil retention system/temporary sheet piling design including plan details and calculations for review and acceptance by the Engineer.
2. Impact hammers will not be allowed to install Temporary Soil Retention System.

CURVE BL-WELL-1
P.I. STA= 521+27.16
N= 1,864,522.25
E= 1,175,556.14
Δ= 1° 54′ 54″
D= 4° 55′ 05″
R= 1165.00′
T= 19.47′
L= 38.94′
E= 0.16′
e= N/A
T.R.= N/A
S.E. RUN= N/A
P.C. STA= 521+07.69
N= 1,864,502.79
E= 1,175,556.68
P.T. STA= 521+46.63
N= 1,864,541.72
E= 1,175,556.25

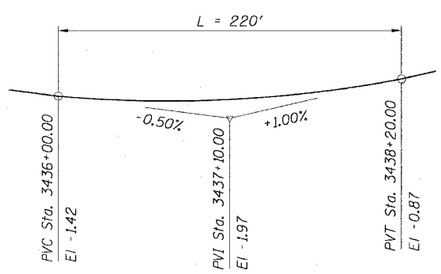
CURVE BL-WELL-2
P.I. STA= 528+60.56
N= 1,865,255.64
E= 1,175,560.31
Δ= 1° 57′ 29″
D= 1° 00′ 09″
R= 5715.00′
T= 97.67′
L= 195.31′
E= 0.83′
e= N/A
T.R.= N/A
S.E. RUN= N/A
P.C. STA= 527+62.89
N= 1,865,157.98
E= 1,175,559.75
P.T. STA= 529+58.21
N= 1,865,353.27
E= 1,175,557.53

CURVE SBAUX1
P.I. STA= 9001+46.37
N= 1,865,209.16
E= 1,175,573.36
Δ= 4° 39′ 23″
D= 1° 35′ 30″
R= 3600.00′
T= 146.37′
L= 292.57′
E= 2.97′
e= N/A
T.R.= N/A
S.E. RUN= N/A
P.C. STA= 9000+00.00
N= 1,865,354.66
E= 1,175,557.49
P.T. STA= 9002+92.57
N= 1,865,062.84
E= 1,175,577.36

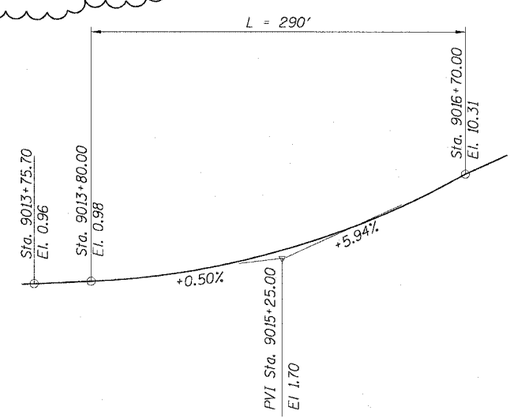
CURVE SBAUX2
P.I. STA= 9005+64.11
N= 1,864,791.41
E= 1,175,584.78
Δ= 4° 45′ 49″
D= 1° 02′ 30″
R= 5500.00′
T= 228.77′
L= 457.27′
E= 4.76′
e= N/A
T.R.= N/A
S.E. RUN= N/A
P.C. STA= 9003+35.35
N= 1,865,020.09
E= 1,175,578.53
P.T. STA= 9007+92.62
N= 1,864,564.03
E= 1,175,610.01

CURVE SBAUX3
P.I. STA= 9013+94.96
N= 1,863,962.56
E= 1,175,608.62
Δ= 1° 57′ 20″
D= 1° 02′ 30″
R= 5500.00′
T= 93.88′
L= 187.72′
E= 0.80′
e= N/A
T.R.= N/A
S.E. RUN= N/A
P.C. STA= 9013+01.08
N= 1,864,056.35
E= 1,175,612.60
P.T. STA= 9014+88.82
N= 1,863,868.69
E= 1,175,607.83

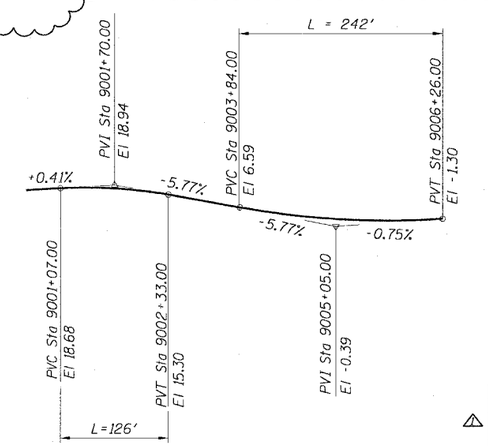
CURVE SBAUX4
P.I. STA= 9017+58.36
N= 1,863,599.16
E= 1,175,605.59
Δ= 3° 38′ 40″
D= 1° 35′ 30″
R= 3600.00′
T= 114.53′
L= 228.99′
E= 1.82′
e= N/A
T.R.= N/A
S.E. RUN= N/A
P.C. STA= 9016+43.83
N= 1,863,713.69
E= 1,175,606.54
P.T. STA= 9018+72.82
N= 1,863,484.92
E= 1,175,597.35



PROFILE GRADE- SB I-90/I-94 LOCAL LANES
(Along ℄ of Roadway)



PROFILE GRADE- RAMP 63A
(Along ℄ of Roadway)



PROFILE GRADE- RAMP 59D
(Along ℄ of Roadway)

Sheet Eb5 of 23

REVISIONS	
NAME	DATE
AJS/RJ	01/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
PROFILE GRADES
SOUTH WELLS STREET RETAINING WALL
WEST 62ND STREET TO WEST 59TH STREET
SECTION 2021-922PT.1-AC
STATION 513+16.20 TO 528+23.69
COOK COUNTY SN. 016-W906-W903

SCALE: None DRAWN BY: ET/CHD
DATE: October 29, 2004 CHECKED BY: CG/AJS

CTE ENGINEERS
CONSOER TOWNSEND ENVIRODYNE ENGINEERS, INC.
303 EAST WACKER DRIVE, SUITE 600
CHICAGO ILLINOIS 60601-5212, PHONE: (312) 938-0300

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