

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-031 BY	WILL	137	10
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

COORDINATES

DESCRIPTION	NORTHING	EASTING	STATION	OFFSET
PGL I-55 NB				
P.T. PNBPL2-4	1,750,094.351	1,021,665.656	156+13.82	0.00 FT
P.O.T. PNB202	1,755,071.879	1,021,513.226	205+93.68	0.00 FT
P.O.T. PNB203	1,756,115.332	1,021,481.944	216+37.60	0.00 FT
PGL I-55 SB				
P.T. PSBPGL2-2	1,746,366.920	1,021,790.499	118+81.88	0.00 FT
P.C. PSBPGL2-3	1,749,121.616	1,021,611.052	146+42.42	0.00 FT
P.I. PSBPGL2-3	1,749,611.179	1,021,579.161	151+33.02	4.20 FT
P.T. PSBPGL2-3	1,750,101.547	1,021,564.058	156+23.52	0.00 FT
P.O.T. PSB202	1,751,087.688	1,021,533.686	166+10.13	0.00 FT
P.O.T. PSB203	1,751,400.424	1,021,524.474	169+23.00	0.00 FT
P.C. PSBPGL2-4	1,751,665.177	1,021,516.430	171+87.88	0.00 FT
P.I. PSBPGL2-4	1,752,165.030	1,021,501.243	176+87.96	2.84 FT
P.T. PSBPGL2-4	1,752,665.100	1,021,497.405	181+88.00	0.00 FT
P.C. PSBPGL2-5	1,754,323.389	1,021,484.678	198+46.34	0.00 FT
P.I. PSBPGL2-5	1,754,815.159	1,021,480.904	203+38.12	2.74 FT
P.T. PSBPGL2-5	1,755,306.723	1,021,466.167	208+29.87	0.00 FT
P.O.T. PSB204	1,756,114.096	1,021,441.963	216+37.60	0.00 FT
CL I-55				
P.O.T. I-5501	1,756,114.714	1,021,461.954	216+37.60	0.00 FT
P.C. C16	1,761,862.568	1,021,284.330	273+88.19	0.00 FT
P.I. C16	1,763,363.968	1,021,237.933	288+90.31	192.32 FT
P.T. C16	1,764,697.401	1,021,929.534	303+27.19	0.00 FT
P.C. C17	1,771,871.139	1,025,650.280	384+08.43	0.00 FT
P.I. C17	1,773,206.496	1,026,342.879	399+12.72	194.33 FT
P.T. C17	1,774,709.836	1,026,289.590	413+50.50	0.00 FT
P.C. C18	1,785,324.534	1,025,913.333	519+71.86	0.00 FT
P.I. C18	1,787,209.594	1,025,846.513	538+58.11	371.71 FT
P.T. C18	1,788,598.891	1,027,122.354	555+51.97	0.00 FT
P.C. C19	1,791,550.750	1,029,833.150	595+59.70	0.00 FT

BENCHMARKS

B.M. 3069	SQUARE CUT AT N END OF E PIER AND E EDGE OF I-80 WB PIER AND UNDER LIGHT BOX *PA8, EL. 590.48 (N 1755516.67, E 1021480.72)
B.M. 3070	PK NAIL IN E EDGE BIT. SHOULDER 100' N OF GORE OF I-55 NB TO WB I-80, EL. 589.80 (N 1755959.92, E 1021521.02)
B.M. 3071	SQUARE CUT ON SW CORNER OF 2' x 2' CONC LP BASE, LP *PC4 IN THE NE QUADRANT OF I-55 NB AND I-80 WB, EL. 589.44 (N 1756078.95, E 1021524.49)
B.M. 3072	FND PK NAIL #9 IN E EDGE BIT SHOULDER 10' W OF GORE OF I-80 BW TO I-55 NB, EL.589.82 (N 1756320.54, E 1021510.64)
B.M. 3073	PK NAIL SET IN E EP OF E FRONTAGE RD NEAR N P OF #21607, EL. 589.57
B.M. 3074	PK NAIL SET E EP OF E FRONTAGE RD 10' N OF MAILBOX FOR #21525, EL. 589.40
B.M. 3075	FND REBAR #8 2' E OF E EP OF E FRONTAGE RD AND ABOUT 200' S OF GRAVEL DR TO #, OPPOSITE PP W/TRANSFORMER, EL. 589.89
B.M. 3076	PK NAIL IN E EP OF E FRONTAGE RD AND 7' N OF MAIL BOX #21363, EL. 590.80
B.M. 3077	PK NAIL SET IN E EP OF E FRONTAGE RD OPPOSITE PP, 1ST PP S OF LARGE SIGN W/3 SUPPORT POST, EL. 591.38
B.M. 3078	PK NAIL IN E EP OF E FRONTAGE RD OPPOSITE GREEN MAIL BOX AND 10' N OF LAST GRAVEL DR BEFORE RTE 59, EL. 590.64
B.M. 3079	SQUARE CUT ON W SIDE S OF 2' DIA. CONC BASE FOR SIGN EXIT 251 (IL 59 SHOREWOOD-PLAINFIELD 1/2 MILE), EL. 587.76
B.M. 3080	FND REBAR 2' E OF E EP OF E FRONTAGE RD AND 100' N OF ABOVE SIGN, EL. 588.13
B.M. 3081	SQUARE CUT ON HEADWALL OF 24" CMP ON E SIDE OF E FRONTAGE RD IN LOW WET AREA. 24" CMP RUNS UNDER FRONTAGE RD BUT NOT I-55, EL. 584.90
B.M. 3082	FND PK NAIL W EP OF E FRONTAGE RD "TENG #410" AND ABOUT 100' S OF "NATURAL GAS LINE CROSSING", EL. 587.96
B.M. 3083	FND PK NAIL "TENG #412" W EP OF E FRONTAGE RD AND ABOUT 150' N OF "NATURAL GAS LINE CROSSING", EL. 591.43
B.M. 3084	FND PK NAIL "TENG #414" IN W EP OF E FRONTAGE RD AND IN MIDDLE OF 4" GAS LINE CROSSING AND ABOUT 500' S OF RTE 54 RTE 59 OVERHEAD SIGN, EL. 594.57
B.M. 3085	SQUARE CUT ON W SIDE 4' DIA. LP CONC BASE ABOUT 200' S OF OVERHEAD SIGN "RT 30" 1 MILE RTE 59, EL. 594.95 (N 1761950.005, E 1021365.626)
B.M. 3086	SQUARE CUT TOP AND CENTER OF S EDGE OF 2' x 10' CONC FD OF OVERHEAD SIGN "EXIT 253 RTE 52 1 MILE / EXIT 251 RTE 59" AT RTE 59 EXIT RAMP, EL. 597.03 (N 1762196.801, E 1021370.072)
B.M. 3087	FND REBAR "CP #2" ON W. ROW I-55 AND ABOUT 50' S OF OVERHEAD SIGN W AND ABOUT 150' N OF MP 97.9 SIGN OF NATURAL GAS LINE, EL. 593.68
B.M. 3088	PK NAIL E EP OF W FRONTAGE RD OPPOSITE 33087, EL. 596.13
B.M. 3089	PK NAIL W EP OF W FRONTAGE RD I-55 AND ABOUT 100' N OF LP #3-0CD1 ABOUT 400' S OF WILL 621, EL. 594.86
B.M. 3090	SQUARE CUT ON S EDGE 4' DIA. CONC LP BASE #4-0CD2 BETWEEN RTE 59 ENTRANCE RAMP AND SB I-55 AND 1ST LP S OF RTE 59, EL. 593.72 (N 1763233.649, E 1021321.982)
B.M. 3091	PK NAIL W BIT SHOULDER OF I-55 SB AND ABOUT 400' S OF RTE 59 BRIDGE, EL. 597.11
B.M. 3092	SQUARE CUT ON TOP AND MIDDLE AND N EDGE OF S 1/2 OF CENTER PIER OF RTE 59 FLYOVER BRIDGE AND AT "TENG STA. 1140+00", EL. 599.15 (N 1764024.646, E 1021631.306)
B.M. 3093	PK NAIL E EP SHOULDER OF I-55 NB, 300 N OF RTE 59 BRIDGE AND AT MP 252 SIGN, EL. 597.52 (N 1764353.512, E 1021824.719)
B.M. 3094	SQUARE CUT TOP HEADWALL OF 18" P CULVERT ON E SIDE OF E FRONTAGE RD ABOUT 600' N RTE 59 FLYOVER BRIDGE, EL. 596.09 (N 1764429.128, E 1021942.974)
B.M. 3095	SQUARE CUT S EDGE OF E 2' DIA CONC BASE SIGN FOR "EXIT 253 SHORE WOOD-JOLIET 1/2 MILE", EL. 598.47 (N 1764879.556, E 1022121.727)
B.M. 3096	PK NAIL E EP OF E FRONTAGE RD OPPOSITE OLD GRAVEL DR TO E AND I-55 NB SIGN "OFF-TRACK WAGERING FACILITY EXIT 253", EL. 599.84

B.M. 3097	SQUARE CUT E EDGE OF 2' DIA CONC BASE SIGN "GAS-EXIT 253 PHILLIPS 66- SHELL- AMOCO", EL. 601.00 (N 1765612.170, E 1022501.210)
B.M. 3098	PK NAIL E EP OF E FRONTAGE RD AND ABOUT 200' S OF OLD BIT DR WITH CURBS AND W OF 2 TALL CELL PHONE TOWERS, EL.601.49
B.M. 3099	PK NAIL E EP OF FRONTAGE RD AT RISE IN HILL AND WITH 2 TALL CELL TOWERS TO EAST, EL. 601.30
B.M. 3100	FND SQUARE CUT TOP AND E END OF S HEADWALL 15" CMP UNDER BIT DR TO ELKS MOTOR INN LODGE ON E FRONTAGE RD, EL. 599.28
B.M. 3101	PK NAIL E EP OF E FRONTAGE RD 150' N OF ELKS DR., EL. 593.76
B.M. 3102	PK NAIL E EP OF E FRONTAGE RD 400' OF ELKS DR, EL. 586.62
B.M. 3103	PK NAIL E EP OF BIT SHOULDER OF I-55, 300' S OF RTE 52 EXIT RAMP AT S END OF GR AND 50' N OF LP #N08 AND MP 252.58, EL. 583.24 (N 1767096.33, E 1023252.907)

D247 1960 USGS (NAVD 88) EL. 543.27
BRASS DISC ON TOP OF W END OF CONC ABUT., AT THE N END OF NB LANES, I-55 BRIDGE OVER DES PLAINES RIVER

MC11 USGS, 1952 RESET 1990, EL. 584.503
BRASS CAP ON TOP AT N END OF SOUTHERLY PARAPHET WALL ON THE W SIDE OF US RTE 52 BRIDGE OVER DUPAGE RIVER

NOTE:

THE LOCATION AND DESCRIPTION OF ADDITIONAL BENCHMARKS ARE PRESENTED AS CONTROL POINTS (TP1 - TP35) ON ATTACHED SHEETS 12 - 14

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (OVER CSX RR AND SUNNYLAND DRAIN)
BRIDGE WIDENING

ALIGNMENT, TIES AND BENCHMARKS II

SCALE: DATE 07/07/06 DRAWN BY JFS CHECKED BY DDH

TENG

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS