

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|--------------|----------|------------------|-----------|
| 55 | 99 (1&2) WRS | WILL | 334 | 35 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | |

COORDINATES

| DESCRIPTION | NORTHING | EASTING | STATION | OFFSET |
|-------------------|---------------|---------------|-----------|-----------|
| PROP. 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 |
| PROP. PGL I-55 SB | | | | |
| P.C. PSBPL2-4 | 1,751,665.177 | 1,021,516.430 | 171+87.88 | 0.00 FT |
| P.I. PSBPL2-4 | 1,752,165.030 | 1,021,501.243 | 176+87.96 | 2.84 FT |
| P.T. PSBPL2-4 | 1,752,665.100 | 1,021,497.405 | 181+88.00 | 0.00 FT |
| P.C. PSBPL2-5 | 1,754,323.389 | 1,021,484.678 | 198+46.34 | 0.00 FT |
| P.I. PSBPL2-5 | 1,754,815.159 | 1,021,480.904 | 203+38.12 | 2.74 FT |
| P.T. PSBPL2-5 | 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 |
| C I-55 MAINLINE | | | | |
| 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 |
| PROP. B RAMP H | | | | |
| P.C. RAMPH-1 | 1,755,241.729 | 1,021,449.559 | 0+00.00 | 0.00 FT |
| P.I. RAMPH-1 | 1,755,148.192 | 1,021,452.518 | 0+93.58 | 5.04 FT |
| P.T. RAMPH-1 | 1,755,056.182 | 1,021,435.427 | 1+86.44 | 0.00 FT |
| P.C. RAMPH-2 | 1,755,056.182 | 1,021,435.427 | 1+86.44 | 0.00 FT |
| P.I. RAMPH-2 | 1,754,979.576 | 1,021,421.196 | 2+64.36 | 5.74 FT |
| P.T. RAMPH-2 | 1,754,910.385 | 1,021,385.369 | 3+41.15 | 0.00 FT |
| P.C. RAMPH-3 | 1,754,910.385 | 1,021,385.369 | 3+41.15 | 0.00 FT |
| P.I. RAMPH-3 | 1,754,599.402 | 1,021,224.343 | 6+91.35 | 164.32 FT |
| P.T. RAMPH-3 | 1,754,814.645 | 1,020,948.101 | 8+51.83 | 0.00 FT |

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|--------------------------------|---------------|---------------|------------|----------|
| EXIST. B NB I-55 EXIT TO US 52 | | | | |
| P.O.T. EN5201 | 1,766,748.678 | 1,023,043.020 | 5200+00.00 | 0.00 FT |
| P.O.T. EN5202 | 1,766,837.449 | 1,023,089.062 | 5201+00.00 | 0.00 FT |
| P.O.T. EN5203 | 1,767,053.849 | 1,023,214.819 | 5203+50.29 | 0.00 FT |
| P.C. EN52EXT-1 | 1,767,355.408 | 1,023,371.226 | 5206+89.99 | 0.00 FT |
| P.I. EN52EXT-1 | 1,767,519.446 | 1,023,456.306 | 5208+74.78 | 19.78 FT |
| P.T. EN52EXT-1 | 1,767,633.580 | 1,023,601.636 | 5210+53.95 | 0.00 FT |
| P.C. EN52EXT-2 | 1,767,829.613 | 1,023,851.251 | 5213+71.34 | 0.00 FT |
| P.I. EN52EXT-2 | 1,767,912.876 | 1,023,957.273 | 5215+06.15 | 22.11 FT |
| P.T. EN52EXT-2 | 1,768,043.329 | 1,023,991.268 | 5216+31.40 | 0.00 FT |
| P.O.T. EN5204 | 1,768,317.232 | 1,024,062.645 | 5219+14.45 | 0.00 FT |
| EXIST. B SB I-55 EXIT TO US 52 | | | | |
| P.O.T. ES5201 | 1,769,899.092 | 1,024,577.888 | 5250+00.00 | 0.00 FT |
| P.O.T. ES5202 | 1,769,810.322 | 1,024,531.846 | 5251+00.00 | 0.00 FT |
| P.O.T. ES5203 | 1,769,593.921 | 1,024,406.089 | 5253+50.29 | 0.00 FT |
| P.C. ES52EXT-1 | 1,769,289.937 | 1,024,248.424 | 5256+92.73 | 0.00 FT |
| P.I. ES52EXT-1 | 1,769,125.899 | 1,024,163.344 | 5258+77.52 | 19.78 FT |
| P.T. ES52EXT-1 | 1,769,011.765 | 1,024,018.014 | 5260+56.68 | 0.00 FT |
| P.C. ES52EXT-2 | 1,768,811.292 | 1,023,762.745 | 5263+81.26 | 0.00 FT |
| P.I. ES52EXT-2 | 1,768,728.028 | 1,023,656.722 | 5265+16.07 | 22.11 FT |
| P.T. ES52EXT-2 | 1,768,597.576 | 1,023,622.727 | 5266+41.32 | 0.00 FT |
| P.O.T. ES5204 | 1,768,304.595 | 1,023,546.379 | 5269+44.08 | 0.00 FT |

BENCHMARKS

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| B.M. 3069 | SQUARE CUT AT N END OF E PIER AND E EDGE OF I-80 WB PIER AND UNDER LIGHT BOX *PAB, EL. 590.48 (N 1755516.67, E 1021480.72) | 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. 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. 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. 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. 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. 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. 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. 3073 | PK NAIL SET IN E EP OF E FRONTAGE RD NEAR N R OF *21607, EL. 589.57 | B.M. 3101 | PK NAIL E EP OF E FRONTAGE RD 150' N OF ELKS DR., EL 593.76 |
| B.M. 3074 | PK NAIL SET E EP OF E FRONTAGE RD 10' N OF MAILBOX FOR *21525, EL. 589.40 | B.M. 3102 | PK NAIL E EP OF E FRONTAGE RD 400' OF ELKS DR, EL. 586.62 |
| 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. 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) |
| B.M. 3076 | PK NAIL IN E EP OF E FRONTAGE RD AND 7' N OF MAIL BOX *21363, EL. 590.80 | 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 | |
| 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 | 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 | |
| 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 | NOTE: THE LOCATION AND DESCRIPTION OF ADDITIONAL BENCHMARKS ARE PRESENTED AS CONTROL POINTS (TP1 - TP40) ON ATTACHED SHEETS 39 - 42 | |
| 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 | | |

| REVISIONS | |
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| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (I-80 TO BLACK ROAD)
WIDENING AND RESURFACING

ALIGNMENT, TIES AND BENCHMARKS II

SCALE: _____ DRAWN BY: OP
DATE: 02/23/07 CHECKED BY: DDH

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

PLOT DATE: 02/23/07
 FILE NAME: \\BSPHAR01\CDN\AT\BSPHAR02\SHIT
 PLOT SCALE: 1"=400'
 USER NAME: YANSINKZ
 S:\DOCUMENT\62895\BSPHAR\CIVIL\CDN\BSPHAR02\SHIT