

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	27
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

COORDINATES

DESCRIPTION	NORTHING	EASTING	STATION	OFFSET
CL I-55				
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 *PAB, 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 1/4 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. 593.84

- 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 - TP40) ON ATTACHED SHEETS 29 - 32

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
WIDENING AND RESURFACING

ALIGNMENT, TIES AND BENCHMARKS II

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

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

PLOT DATE = #DATE# FILE NAME = #FILE# PLOT SCALE = #SCALE# USER NAME = #USER#
 ..\DDP\HARRISON\2-28-2007\184805 SANDOCUMENT\M25158\CIVIL\CONTRACT\BMS\BMS.DWG
 BMS184805.DWG