

**TEMPORARY BENCHMARK 700**

THE N-EAST BOLT OF THE 4th LIGHT POLE SOUTH OF 159th ST. ON THE WEST SIDE OF LAGRANGE RD.  
N 1797046.3972  
E 1115627.6834  
EL. 712.895  
STA 162+39  
OFFSET 54.98' LT

**TEMPORARY BENCHMARK 701**

THE N-EAST BOLT OF THE 4th LIGHT POLE \*C2A1, WEST SIDE OF ROUTE 45 (LAGRANGE RD.) IN FRONT OF THE AMCORE BANK.  
N 1796155.8405  
E 1115672.5605  
EL. 714.579  
STA 153+48  
OFFSET 40.46' LT

**TEMPORARY BENCHMARK 702**

THE S-WEST BOLT OF THE LIGHT POLE \* C2-C3 EAST SIDE OF RT 45 (LAGRANGE RD.) IN FRONT OF FAT RICKS PIZZA.  
N 1795246.7605  
E 1115791.1065  
EL. 725.097  
STA 144+35  
OFFSET 48.29' RT

**TEMPORARY BENCHMARK 703**

THE N-EAST BOLT OF LIGHT SIGNAL POLE ON THE S-WEST SIDE OF RT 45 (LAGRANGE RD.) AND 163rd ST.  
N 1794798.7640  
E 1115722.5770  
EL. 722.861  
STA 138+89  
OFFSET 38.62' LT

**TEMPORARY BENCHMARK 704**

THE S-EAST BOLT OF THE THIRD LIGHT POLE ON THE WEST SIDE OF RT 45 (LAGRANGE RD.) SOUTH OF 163rd ST.  
N 1794333.0805  
E 1115734.6710  
EL. 721.524  
STA 155+24  
OFFSET 40.45' LT

**TEMPORARY BENCHMARK 705**

THE N-EAST BOLT OF LIGHT POLE ON THE S-WEST OF 163rd ST. AND RT 45 (LAGRANGE RD.)  
N 1793645.2715  
E 1115757.6504  
EL. 706.672  
STA 128+36  
OFFSET 40.91' LT

**TEMPORARY BENCHMARK 720**

THE S-EAST BOLT OF LIGHT POLE \*C1-A3 ON THE WEST SIDE OF RT 45 (LAGRANGE RD.) IN FRONT OF ORLAND PARK SURGICAL CENTER BUILDING.  
N 1792956.7001  
E 1115782.3028  
EL. 707.471  
STA 121+47  
OFFSET 58.13' LT

**TEMPORARY BENCHMARK 722**

CUT "SQUARE" ON THE N-EAST CORNER OF LIGHT SIGNAL FOUNDATION ON THE N-WEST CORNER OF ROUTE 45 (LAGRANGE RD.) AND 167th ST.  
N 1792424.0431  
E 1115801.7163  
EL. 719.475  
STA 116+13  
OFFSET 57.69' LT

**TEMPORARY BENCHMARK 725**

CUT "SQUARE" ON METRA PARKING SIGN CONCRETE FOUNDATION ON THE WEST SIDE OF RT 45 (LAGRANGE RD.)  
N 1790858.1500  
E 1115845.8929  
EL. 721.189  
STA 100+47  
OFFSET 66.54' LT

**TEMPORARY BENCHMARK 727**

CUT "SQUARE" ON WEST SIDE OF SIGNAL LIGHT POLE ON THE N-EAST CORNER OF 171st AV. AND RT 45 (LAGRANGE RD.)  
N 1789792.3900  
E 1115988.6344  
EL. 734.365  
STA 89+77  
OFFSET 40.05' RT

**TEMPORARY BENCHMARK 730**

THE S-WEST BOLT OF FIRE HYDRANT FLANGE ON THE EAST SIDE OF RT 45 (LAGRANGE RD.) AND ABOUT 800' NORTH OF 175th ST. IN FRONT OF 2 STOREY NEW BUILDING.  
N 1788076.1540  
E 1116043.8611  
EL. 747.009  
STA 72+60  
OFFSET 36.68' RT

**TEMPORARY BENCHMARK 732**

THE BOLT ON THE N-WEST FIRE HYDRANT FLANGE ON THE N-EAST CORNER OF 175th ST. AND RT 45  
N 1787121.9438  
E 1116090.3793  
EL. 763.482  
STA 63+04  
OFFSET 50.59' RT

**TEMPORARY BENCHMARK 737**

CUT "SQUARE" ON THE WEST SIDE OF LIGHT POLE SIGNAL WITH CANTILEVER AV. ISLAND WEST SIDE OF RT 45 (LAGRANGE RD.) AND 179th ST.  
N 1784369.6376  
E 1115985.2503  
EL. 753.038  
STA 35+42  
OFFSET 59.99' LT

**TEMPORARY BENCHMARK 763**

163rd STREET (WEST)  
THE N-WEST BOLT OF FIRST HYDRANT WEST OF RT 45 (LAGRANGE RD.) ON THE NORTH SIDE OF 163rd ST.  
N 1794881.4690  
E 1115439.9910  
EL. 724.633  
STA 374+88  
OFFSET 25.34' LT

**TEMPORARY BENCHMARK 765**

163rd STREET (WEST)  
CUT "SQUARE" ON THE EAST SIDE OF LIGHT POLE CONCRETE FOUNDATION ON THE N-WEST CORNER OF 163rd ST. & 97th AV.  
N 1794829.7955  
E 1115061.4535  
EL. 723.680  
(NO ALIGNMENT)

**TEMPORARY BENCHMARK 770**

165th STREET (WEST)  
S-EAST BOLT OF FIRE HYDRANT FLANGE OF S-WEST CORNER OF 165th ST. & 97th AV.  
N 1793672.1640  
E 1115077.4824  
EL. 711.658  
STA 395+07  
OFFSET 12.30 RT

**TEMPORARY BENCHMARK 778**

167th STREET (WEST)  
N-WEST BOLT OF FIRE HYDRANT FLANGE OF NORTH SIDE OF 167th ST.± 800' WEST OF RT 45 (LAGRANGE RD.)  
N 1792378.7877  
E 1114534.7642  
EL. 705.785  
STA 420+00  
OFFSET 48.87' LT

**TEMPORARY BENCHMARK 783**

179th STREET (WEST)  
THE SPIKE ON THE NORTH SIDE OF WOOD POWER POLE ON THE SOUTH SIDE OF 179th ST. (EAST POLE AT ENTRANCE TO ADVOCATE MEDICAL CENTER)  
N 1784365.4314  
E 1114849.0114  
EL. 734.130  
STA 899+49  
OFFSET 23.77' RT

**TEMPORARY BENCHMARK 785**

167th STREET (EAST)  
THE S-EAST BOLT OF FIRE HYDRANT FLANGE IN FRONT HOUSE #9456  
N 1792362.5486  
E 1116627.0166  
EL. 720.047  
STA 440+90  
OFFSET 28.97' RT

**TEMPORARY BENCHMARK 786**

167th STREET (EAST)  
THE N-EAST BOLT OF FIRE HYDRANT FLANGE ± 200' WEST OF 94th AV.  
N 1792368.2780  
E 1116947.8330  
EL. 714.753  
STA 444+10  
OFFSET 32.37' RT

**TEMPORARY BENCHMARK 794-B**

175th STREET (EAST)  
THE N-EAST BOLT OF FIRE HYDRANT FLANGE AT THE N-SIDE OF 175th ST. IN FRONT OF HOUSE #9450.  
N 1787135.4180  
E 1116575.0030  
EL. 762.920  
STA 480+34  
OFFSET 41.04' LT

**TEMPORARY BENCHMARK 798**

179th STREET (EAST)  
N-WEST BOLT OF FIRE HYDRANT FLANGE OF NORTH SIDE OF 179th ST.± 450' EAST OF RT 45 (LAGRANGE RD.)  
N 1784482.6661  
E 1116671.2796  
EL. 748.300  
STA 917+74  
OFFSET 37.48' LT



FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED - JPW	REVISED -
D160F05-SHT-ATB05.dgn		DRAWN - JPW	REVISED -
	PLOT SCALE = 200.0000' / in.	CHECKED - MJT	REVISED -
SHT.PLAN	PLOT DATE = 3/8/2013	DATE - 03/13/13	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1"=100' SHEET 5 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-3	COOK	932	57
<b>AT-05</b>			<b>CONTRACT NO. 60F05</b>	
ILLINOIS FED. AID PROJECT				