

LEGEND FOR EXISTING TOPOGRAPHIC SYMBOLS

TRAFFIC SIGNAL GULFBOX	○	DRAINAGE FLOW LINE	
TRAFFIC SIGNAL HANDHOLE	⊞	RIP RAP	
TRAFFIC SIGNAL SIGNAL POST	⊞	HEADWALL	
TRAFFIC SIGNAL STEEL MAST ARM		CULVERT END SECTION	
TRAFFIC SIGNAL PEDESTRIAN PUSH BUTTON	●	DRAINAGE MANHOLE	⊞
TRAFFIC SIGNAL WOODEN POLE	⊞	INLET	⊞
TRAFFIC SIGNAL VEHICLE DETECTION PRIORITY	⊞	ROADWAY DITCH FLOW	
TRAFFIC SIGNAL VEHICLE DETECTION MAGNET	⊞	VEGETATION LINE	
TRAFFIC SIGNAL JUNCTION BOX	⊞	STUMP	
TRAFFIC SIGNAL CONTROLLER	⊞	SHRUB	⊞
TRAFFIC SIGNAL HEAVY DUTY HANDHOLE	⊞	EVERGREEN TREE	
RAILROAD CANTILEVER MAST ARM		DECIDUOUS TREE	⊞
RAILROAD CROSSBUCK		WOODS/BUSH LINE	
RAILROAD TRACK		TRAFFIC SIGN	⊞
RAILROAD TRACK (ABANDONED)		GUARDRAIL POST	⊞
RAILROAD CROSSGATE		GUARDRAIL	
RAILROAD CONTROL BOX	⊞	FIELD LINE	
RAILROAD FLASHING SIGNAL		LEVEE/NOISE BARRIER	
UTILITY TELEPHONE SPLICE BOX	⊞	FENCE	
UTILITY POWER POLE	⊞	MAIL BOX	⊞
UTILITY TRAFFIC SIGNAL	⊞	ADVERTISING SIGN	⊞
UTILITY LIGHT POLE	⊞	MARSH	
UTILITY FIRE HYDRANT	⊞	LIGHTING HANDHOLE	⊞
UTILITY MANHOLE	⊞	LIGHTING POWER POLE	⊞
UTILITY TELEPHONE POLE	⊞	LIGHTING JUNCTION BOX	⊞
UTILITY GUY ANCHOR	⊞	LIGHTING HEAVYDUTY HANDHOLE	⊞
UTILITY PIPELINE WARNING SIGN	⊞	LIGHTING CONTROLLER	⊞
UTILITY HANDHOLE	⊞	LIGHTING PULL POINT	⊞
UTILITY SPLICE BOX	⊞	HIGHWAY LIGHTING ELECTRICAL GROUND	⊞
UTILITY JUNCTION BOX	⊞	HIGHWAY LIGHTING SINGLE UNIT	⊞
UTILITY HEAVY DUTY HANDHOLE	⊞	HIGHWAY LIGHTING DOUBLE UNIT	
UTILITY DOUBLE HANDHOLE	⊞	EXISTING CONCRETE BARRIER	
UTILITY CONTROLLER	⊞	EXISTING CREEK OR DITCH	
UTILITY WATER METER	⊞	EXISTING EDGE OF PAVEMENT	

RIGHT-OF-WAY LEGEND

	QUARTER SECTION CORNERS
	SECTION CORNERS
	EXISTING CENTERLINE
	EXISTING RIGHT-OF-WAY LINE
	FORMER RIGHT-OF-WAY LINE
	EXISTING IDOT EASEMENT LINE
	EXISTING EASEMENT LINE
	BUILDING SETBACK LINE
	EXISTING ACCESS CONTROL LINE
	EXISTING RIGHT-OF-WAY & PROPOSED ACCESS CONTROL LINE
	PROPOSED ACCESS CONTROL LINE
	PROPOSED CENTERLINE
	PROPOSED RIGHT-OF-WAY LINE
	PROPOSED TEMPORARY EASEMENT LINE
	PROPOSED PERMANENT EASEMENT LINE
	SECTION LINE
	QUARTER SECTION LINE
	QUARTER QUARTER SECTION LINE
	PROPERTY LINE (TITLE)
	RECORDED PLAT/DEED LINE
	APPARENT PROPERTY LINE
	SAME OWNERSHIP
	MEASURED DIMENSION
	RECORDED DIMENSION
	FOUND STONE
	FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED
	SET 5/8 INCH IRON ROD WITH PLASTIC CAP IDENTIFIED BY SURVEYORS LICENSE NUMBER AT CORNER UNLESS OTHERWISE NOTED
	PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 667101 (TO BE SET BY OTHERS)
	SET 5/8 INCH IRON ROD AS SURVEY CONTROL UNLESS OTHERWISE NOTED
	FOUND CUT CROSS
	SET CUT CROSS

LEGEND FOR ABBREVIATIONS

A/C	ACCESS CONTROL
AC	ACRE
AVE	AVENUE
BK	BOOK
BLVD	BOULEVARD
CL	CENTERLINE
CAB	CABINET
CH	COUNTY HIGHWAY
Ch	CHAIN
CP	CONTROL POINT
CPS	COTTON PICKER SPINDLE
DB	DEED BOOK
E	EAST
EP	EDGE PAVEMENT
EX	EXISTING
FA	FEDERAL AID
FAI	FEDERAL AID INTERSTATE
FAP	FEDERAL AID PRIMARY
FAS	FEDERAL AID SECONDARY
FAU	FEDERAL AID URBAN
FND	FOUND
ha	HECTARE
IP	IRON PIPE
IR	IRON ROD
LT	LEFT
m	METER
m²	SQUARE METERS
N	NORTH
N/F	NOW OR FORMERLY
N & BC	NAIL AND BOTTLE CAP
N & C	NAIL AND CAP
N & W	NAIL AND WASHER
NE	NORTHEAST
NW	NORTHWEST
PB	PLAT BOOK
PG	PAGE
POB	POINT OF BEGINNING
POC	POINT OF COMMENCEMENT
POT	POINT ON TANGENT
PL	PROPERTY LINE
PR	PROPOSED
R	RANGE
RD	ROAD
REC	RECORD
ROW	RIGHT-OF-WAY
RR	RAILROAD
RRS	RAILROAD SPIKE
RT	RIGHT
RTE	ROUTE
S	SOUTH
SBI	STATE BOND ISSUE
SE	SOUTHEAST
SEC	SECTION
SQ FT	SQUARE FEET
SR	STATE ROUTE
ST	STREET
STA	STATION
SMK	SURVEY MARKER
SW	SOUTHWEST
TBC	TOP BACK OF CURB
T	TOWNSHIP
TR	TOWNSHIP ROAD
USGS	U.S. GEOLOGICAL SURVEY
W	WEST

PROPOSED PARCEL NUMBER LEGEND

	PROPOSED FEE SIMPLE ACQUISITION
	PROPOSED PERMANENT EASEMENT
	PROPOSED TEMPORARY EASEMENT
	PROPOSED DEDICATION
	PROPOSED ACCESS CONTROL LINE

CURVE ABBREVIATIONS

PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PT	POINT OF TANGENCY
PRC	POINT OF REVERSE CURVE
PCC	POINT OF COMPOUND CURVE
CB	CHORD BEARING
R	RADIUS OF CURVE
L	LENGTH OF CURVE
CB	CHORD BEARING
C	CHORD LENGTH
D	DEGREE OF CURVE
E	EXTERNAL ORDINATE
Δ	CENTRAL ANGLE

BASIS OF COORDINATE & BEARING STATEMENT

THE COORDINATES AND BEARINGS FOR THIS SURVEY ARE BASED ON THE PROJECT SURVEY CONTROL DATA THAT THE ILLINOIS DEPARTMENT OF TRANSPORTATION (DEPARTMENT) ESTABLISHED AND PROVIDED TO THE SURVEYOR, WHICH IS A "GROUND SURFACE COORDINATE SYSTEM" PREPARED SPECIFICALLY FOR THIS PROJECT.

THE CONTROL POINTS UTILIZED ON THIS PROJECT AND THEIR ASSOCIATED COORDINATES, AS PROVIDED BY THE DEPARTMENT, ARE LISTED IN THE TABLE BELOW.

THIS "GROUND SURFACE COORDINATE SYSTEM" WAS DERIVED FROM THE DEPARTMENT'S INITIAL CONTROL SURVEY WHICH ESTABLISHED STATE PLANE COORDINATE SYSTEM (SPCS) VALUES FOR EACH OF THE CONTROL POINTS BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, WEST ZONE, NAD83 (insert epoch). TO CREATE THE PROJECT "GROUND SURFACE COORDINATE SYSTEM", THE DEPARTMENT MADE THE FOLLOWING TWO ADJUSTMENTS TO THE SPCS VALUES:

- ADJUSTED THE STATE PLANE COORDINATES TO A GROUND COORDINATE SYSTEM BY DIVIDING THE SPCS VALUES BY THE COMBINATION FACTOR UTILIZED FOR THIS PROJECT WHICH IS 0.9999277090.
- SUBTRACTED 2,000,000 FROM THE ADJUSTED EASTING VALUES TO DISTINGUISH A UNIQUE DIFFERENCE BETWEEN THE GROUND SYSTEM COORDINATES FROM THE SPCS COORDINATES.

I.D.O.T. PROVIDED ALIGNMENT FAP 103 (IL 13/15)			
[PNT#]/DESC	STATION	NORTH (FEET)	EAST (FEET)
[305]/POT	337+84.52	644,541.7687	368,868.5354
[301]/PC C1	338+69.73	644,477.5501	368,924.5470
[302]/PT C1	343+26.02	644,133.6820	369,224.4697
[303]/PT C1	347+80.90	643,833.7016	369,568.2875
[304]/PC C2	356+66.19	643,251.6795	370,235.3631
[306]/PI C2	361+05.07	642,963.1422	370,566.0657
[307]/PT C2	364+90.70	642,524.2656	370,568.3765
[308]/PC C3	387+25.47	640,289.5226	370,580.1430
[309]/PI C3	387+94.78	640,220.2178	370,580.5079
[310]/PT C3	388+63.85	640,151.5649	370,571.0168
[311]/PC C4	388+94.74	640,120.9605	370,566.7859
[312]/PI C4	389+63.99	640,052.3596	370,557.3020
[313]/PT C4	390+33.00	639,983.1083	370,557.8434
[300]/POT	420+56.92	636,959.2826	370,581.4816

- STAKING OF PROPOSED RIGHT-OF-WAY AND PERMANENT EASEMENT CORNERS, SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY ALUMINUM CAP TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS LICENSE NUMBER.
- B STAKING OF PROPOSED RIGHT-OF-WAY AND PERMANENT EASEMENT CORNERS IN CULTIVATED AREA, A MINIMUM OF 20 INCHES BELOW THE GROUND SURFACE, SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY ALUMINUM CAP TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS LICENSE NUMBER.

PROJECT SURVEY CONTROL DATA GROUND SURFACE COORDINATE SYSTEM

COORDINATES PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION JOB NO. D-98-069-16 / CONTRACT NO. 76J16				
[PNT#]/DESC	STATION	OFFSET	NORTH (FEET)	EAST (FEET)
[100]/CUT X	344+67.91	31.73'RT	644,022.0028	369,315.3880
[101]/MAG NAIL	348+94.92	23.44'RT	643,741.0776	369,638.7861
[102]/CUT X	366+46.66	21.02'RT	642,368.1998	370,548.1781
[103]/CUT X	370+15.17	19.73'LT	641,999.9086	370,590.8641
[104]/MAG NAIL	373+66.53	21.92'RT	641,648.3303	370,551.0656
[105]/IR W/CAP	377+01.42	26.65'RT	641,313.6992	370,601.3835
[106]/CUT X	379+30.35	22.72'RT	641,084.5107	370,553.2399
[107]/CUT X	381+43.34	19.53'LT	640,871.7525	370,596.6115
[108]/CUT X	384+83.55	19.25'LT	640,531.5481	370,598.1202
[109]/CUT X	387+82.92	44.98'RT	640,234.5281	370,533.8329
[110]/CUT X	392+01.17	21.69'LT	639,815.1228	370,580.8482
[111]/IR W/CAP	395+79.92	30.15'RT	639,435.9794	370,531.9737
[112]/CUT X	398+77.75	25.17'RT	639,138.1978	370,539.2740
[113]/IR W/CAP	401+14.68	22.44'LT	638,901.6487	370,588.7378
[114]/MAG NAIL	408+83.18	39.21'RT	638,132.6815	370,533.0985
[115]/CUT X	415+14.06	19.92'LT	637,502.2832	370,597.1573

TOTAL HOLDING AREA SOURCE TABLE

1	AREA ACCORDING TO THE SURVEY PERFORMED BY THE CONSULTANT.
2	AREA LISTED IN RECORDED DEED.
3	AREA ACCORDING TO A RECORDED SUBDIVISION PLAT.
4	AREA ACCORDING TO A PLAT OF SURVEY.
5	AREA CALCULATED FROM RECORDED DEEDS OR TITLE COMMITMENTS - NOT SURVEYED.
6	AREA ACCORDING TO COUNTY TAX MAPS AND COUNTY ASSESSMENT RECORDS.
7	AREA ACCORDING TO OTHER RECORDS, SEE NOTE ON THE PLAT OF HIGHWAYS.

TOPOGRAPHIC STATEMENT

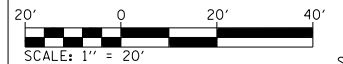
THE TOPOGRAPHY SHOWN HEREON WAS PROVIDED TO THE SURVEYOR BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION. THE SURVEYOR VISUALLY FIELD VERIFIED THE EXISTENCE OF THE TOPOGRAPHY SHOWN HEREON. IN ADDITION THE SURVEYOR PHYSICALLY LOCATED IN THE FIELD THE FOLLOWING ITEMS IN THE MONTHS OF MARCH, MAY, JULY & AUGUST OF 2018:

- BUILDINGS
- SIGNS
- SIDEWALKS & ENTRANCES



JACK A. GELSCO, PLS NO. 3786
LICENSE EXPIRATION DATE: 11/30/2020

12/6/18



SHEET 2 OF 21

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 103 (IL 13/15)
SECTION (27, 25, 38, 561) RS
ST. CLAIR COUNTY
JOB NO. R-98-009-17

ILLINOIS DEPARTMENT OF TRANSPORTATION OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION/REGION 5/DISTRICT 8 1102 EASTPORT PLAZA DRIVE COLLINSVILLE, ILLINOIS 62234-6198				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(27, 25, 38, 561) RS	ST. CLAIR	87	26
CONTRACT NO. 76J16				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				