ST. CLAIR COUNTY
MONUMENT RECOVERY SHEET

MONUMENT ID: STC-13

DATE SET: 01/11/08

DESCRIPTION OF MONUMENT: 8" DIAMETER CONCRETE MONUMENT (30" DEEP) WITH ALUMINUM CAP. INSCRIPTION READS: ST. CLAIR COUNTY IL. / GEOGRAPHIC REFERENCE SYSTEM / STC-13 / CONTROL MARK

LOCATION OF MONUMENT: MONUMENT IS LOCATED AT THE SOUTHWEST CORNER OF THE INTERSECTION OF BAER ROAD AND BALDWIN ROAD. MONUMENT IS APPROXIMATELY 20' SOUTH OF THE SOUTH EDGE OF BAER ROAD.

REMARKS: TOP OF MONUMENT IS FLUSH WITH THE GROUND, AND A CARSONITE POST IS LOCATED 1.05 FEET SOUTH OF MONUMENT.

TIES:
57.34' NORTHWEST TO COUNTY ROAD SIGN
21.14' NORTHEAST TO STOP SIGN
29.78' SOUTHEAST TO KRPD DOCK FACILITY SIGN

PHOTOGRAPHS

LEFT ORIENTATION PHOTO	RIGHT ORIENTATION PHOTO	CLOSE-UP PHOTO
DATE: 02/08/08	DATE: 02/08/08	DATE: 02/15/08
TIME: 10:55 AM	TIME: 10:55 AM	TIME: 9:40 AM
DISTANCE FROM MON. = 25'	DISTANCE FROM MON. = 25'	
BEARING FROM CAMERA = EAST	BEARING FROM CAMERA = SOUTH	

MONUMENT ID: STC-13 DATE: 02/08/08

25' FROM MONUMENT FACING EAST

25' FROM MONUMENT FACING SOUTH

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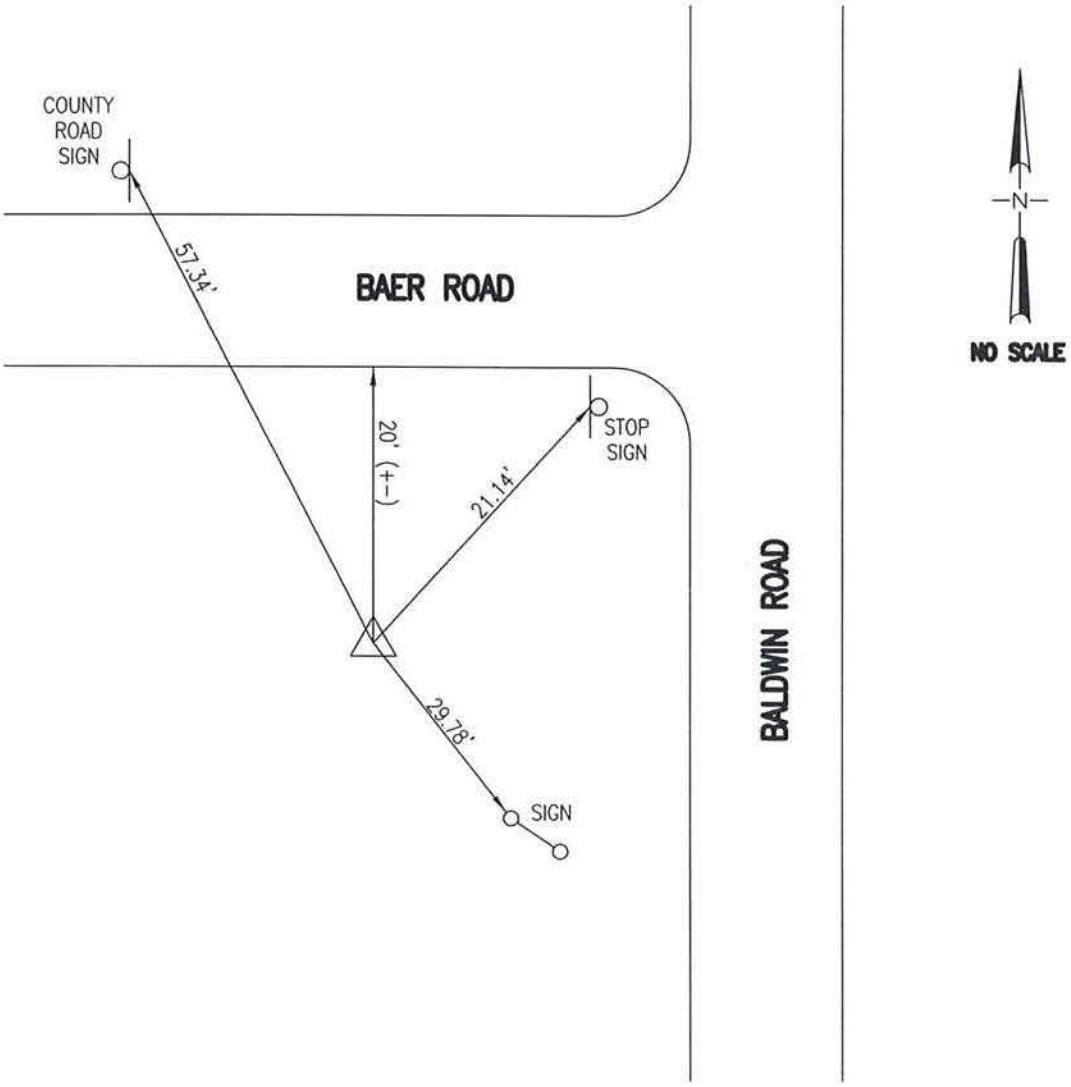
MONUMENT	GRID NORTHING NAD 1983 (2007)	GRID EASTING NAD 1983 (2007)	ELEVATION NAVD 1988 (+- 0.2')	COMBINED FACTOR
STC-13	584404.798	2383924.544	421.8	0.99993449

ST. CLAIR COUNTY
MONUMENT RECOVERY TIES

STC-13



St. Clair County Geographic Reference System

Grid		Local		Cartesian (WGS-84)	
From:	STC-13				
Northing:	584404.798sft	Latitude:	38°16'16.71385"N	X:	39497.025sft
Easting:	2383924.544sft	Longitude:	89°51'44.74457"W	Y:	-16449754.969sft
Elevation:	421.830sft	Height:	322.983sft	Z:	12891023.983sft
Convergence:	0°11'18.389840"				
Inverse:					
Grid Azimuth:	272°18'59"	NS Fwd Azimuth:	272°30'17"	Delta X:	-2590.057sft
Grid Distance:	2592.203sft	NS Back Azimuth:	92°29'57"	Delta Y:	63.628sft
Delta Elevation:	0.426sft	Ellipsoid Dist:	2592.333sft	Delta Z:	89.203sft
t-T Correction:	-0°00'00.002136"	Ground Dist:	2592.373sft	Slope Dist:	2592.373sft
Elevation Scale Factor:	0.99998457	Delta Height:	0.576sft		
Grid Scale Factor:	0.99994965				
Combined Factor:	0.99993422				
To:	STC-14				
Northing:	584509.567sft	Latitude:	38°16'17.83253"N	X:	36906.968sft
Easting:	2381334.459sft	Longitude:	89°52'17.21953"W	Y:	-16449691.341sft
Elevation:	422.256sft	Height:	323.559sft	Z:	12891113.186sft
Convergence:	0°10'58.279484"				

Kuhlmann *design* Group, Inc.
15 East Washington Street
Belleville, Illinois 62220

Notes: Elevations are +/- 0.2'
SFt = US Survey feet