

ST. CLAIR COUNTY MONUMENT RECOVERY SHEET

MONUMENT ID: STC-02

DATE SET: 01/10/08

DESCRIPTION OF MONUMENT: 8" DIAMETER CONCRETE MONUMENT (30" DEEP) WITH ALUMINUM CAP. INSCRIPTION READS: ST. CLAIR COUNTY IL. / GEOGRAPHIC REFERENCE SYSTEM / STC-02 / CONTROL MARK

LOCATION OF MONUMENT: TO REACH FROM THE INTERSECTION OF SCOTT FIELD - TROY ROAD AND O'FALLON - TROY ROAD, TRAVEL SOUTH ALONG SCOTT FIELD - TROY ROAD APPROXIMATELY 0.8 MILE TO THE MONUMENT LOCATED ON THE LEFT (EAST). MONUMENT IS APPROXIMATELY 28' EAST OF THE EAST EDGE OF SCOTT FIELD - TROY ROAD.

REMARKS: TOP OF MONUMENT IS FLUSH WITH THE GROUND, AND A CARSONITE POST IS LOCATED 1.30 FEET EAST OF MONUMENT.

TIES: 138.66' WEST TO POWER POLE
120.79' WEST TO TELEPHONE PEDESTAL
30.70' EAST TO NORTHWEST CORNER OF 3' HIGH WIRE FENCE

PHOTOGRAPHS

LEFT ORIENTATION PHOTO	RIGHT ORIENTATION PHOTO	CLOSE-UP PHOTO
DATE: 02/08/08	DATE: 02/08/08	DATE: 02/15/08
TIME: 9:30 AM	TIME: 9:30 AM	TIME: 8:50 AM
DISTANCE FROM MON. = 25'	DISTANCE FROM MON. = 30'	
BEARING FROM CAMERA = NORTH	BEARING FROM CAMERA = EAST	

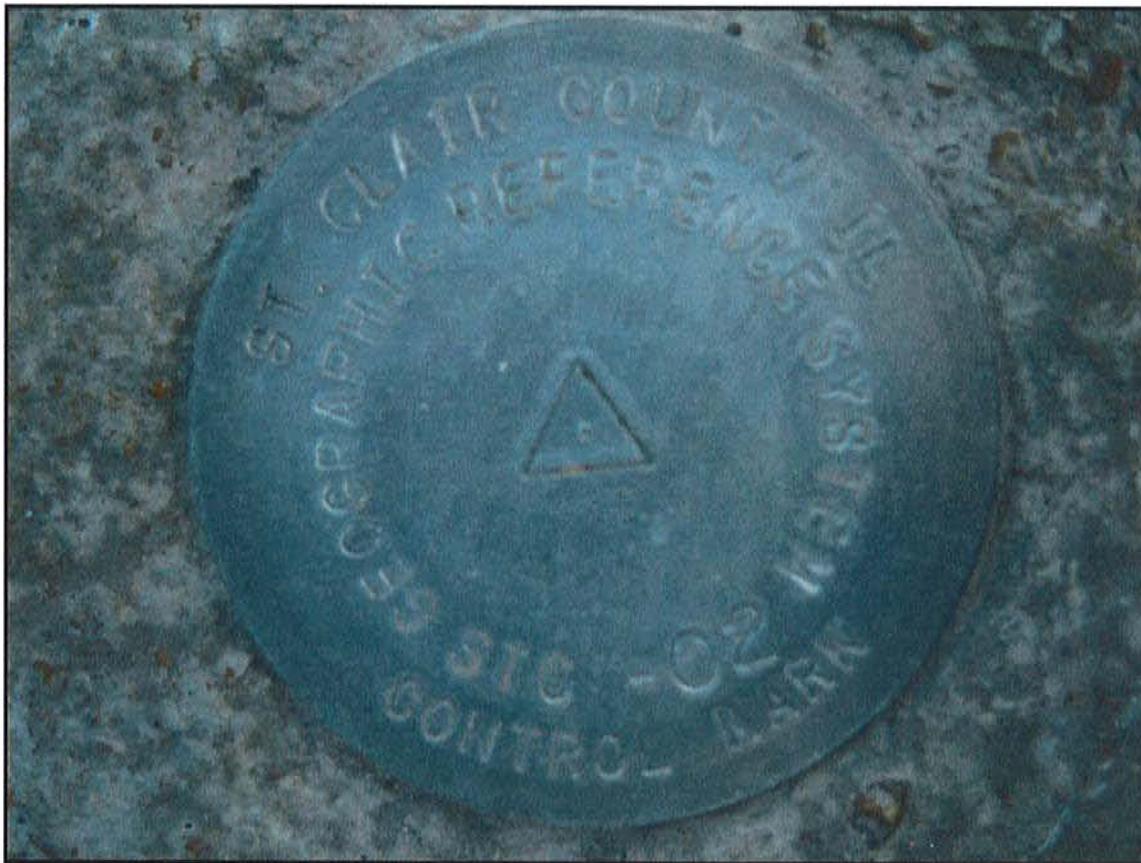
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25' FROM MONUMENT FACING NORTH

30' FROM MONUMENT FACING EAST



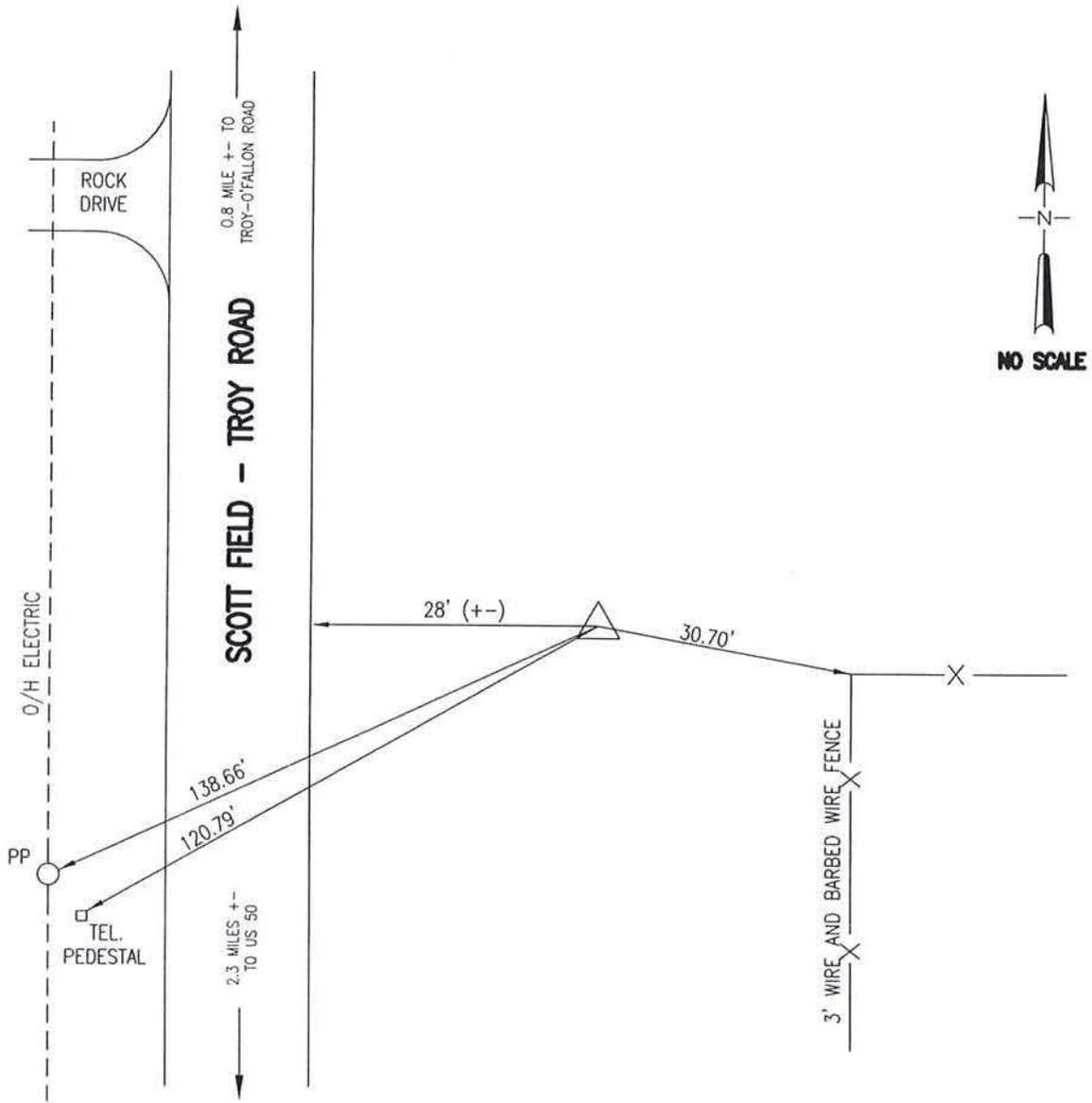
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MONUMENT	GRID NORTHING NAD 1983 (2007)	GRID EASTING NAD 1983 (2007)	ELEVATION NAVD 1988 (+- 0.2')	COMBINED FACTOR
STC-02	710301.393	2380223.031	509.8	0.99992966

ST. CLAIR COUNTY MONUMENT RECOVERY TIES

STC-02



St. Clair County Geographic Reference System

Grid		Local		Cartesian (WGS-84)
From:	STC-01			
Northing:	712424.420sft	Latitude:	38°37'22.36498"N	X: 35916.718sft
Easting:	2380112.797sft	Longitude:	89°52'27.44944"W	Y: -16370199.337sft
Elevation:	488.212sft	Height:	387.337sft	Z: 12991342.489sft
Convergence:	0°10'56.996766"			

Inverse:

Grid Azimuth:	177°01'40"	NS Fwd Azimuth:	177°12'37"	Delta X:	106.424sft
Grid Distance:	2125.887sft	NS Back Azimuth:	357°12'37"	Delta Y:	-1342.050sft
Delta Elevation:	21.570sft	Ellipsoid Dist:	2125.995sft	Delta Z:	-1645.621sft
t-T Correction:	0°00'00.041853"	Ground Dist:	2126.035sft	Slope Dist:	2126.145sft
Elevation Scale Factor:	0.99998092	Delta Height:	21.611sft		
Grid Scale Factor:	0.99994917				
Combined Factor:	0.99993009				

To:	STC-02			
Northing:	710301.393sft	Latitude:	38°37'01.37509"N	X: 36023.141sft
Easting:	2380223.031sft	Longitude:	89°52'26.14571"W	Y: -16371541.387sft
Elevation:	509.782sft	Height:	408.947sft	Z: 12989696.868sft
Convergence:	0°10'57.726765"			