

ST. CLAIR COUNTY MONUMENT RECOVERY SHEET

MONUMENT ID: STC-12

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-12 / CONTROL MARK

LOCATION OF MONUMENT: TO REACH FROM THE INTERSECTION OF BUNKUM ROAD AND BLACK LANE, TRAVEL WEST ALONG BUNKUM ROAD FOR APPROXIMATELY 1.0 MILE TO THE MONUMENT LOCATED ON THE RIGHT (NORTH). MONUMENT IS APPROXIMATELY 15' NORTH OF THE NORTH EDGE OF BUNKUM ROAD.

REMARKS: TOP OF MONUMENT IS FLUSH WITH THE GROUND, AND A CARSONITE POST IS LOCATED 1.10 FEET NORTH OF MONUMENT.

TIES: 82.35' NORTH TO POWER POLE
33.50' NORTHEAST TO GATE POST
83.35' SOUTHEAST TO CASEYVILLE BUILDING AND ZONING SIGN

PHOTOGRAPHS

LEFT ORIENTATION PHOTO	RIGHT ORIENTATION PHOTO	CLOSE-UP PHOTO
DATE: 02/08/08	DATE: 02/08/08	DATE: 02/15/08
TIME: 9:05 AM	TIME: 9:05 AM	TIME: 8:30 AM
DISTANCE FROM MON. = 25'	DISTANCE FROM MON. = 25'	
BEARING FROM CAMERA = WEST	BEARING FROM CAMERA = NORTH	

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DATE: 02/08/08



25' FROM MONUMENT FACING WEST

25' FROM MONUMENT FACING NORTH



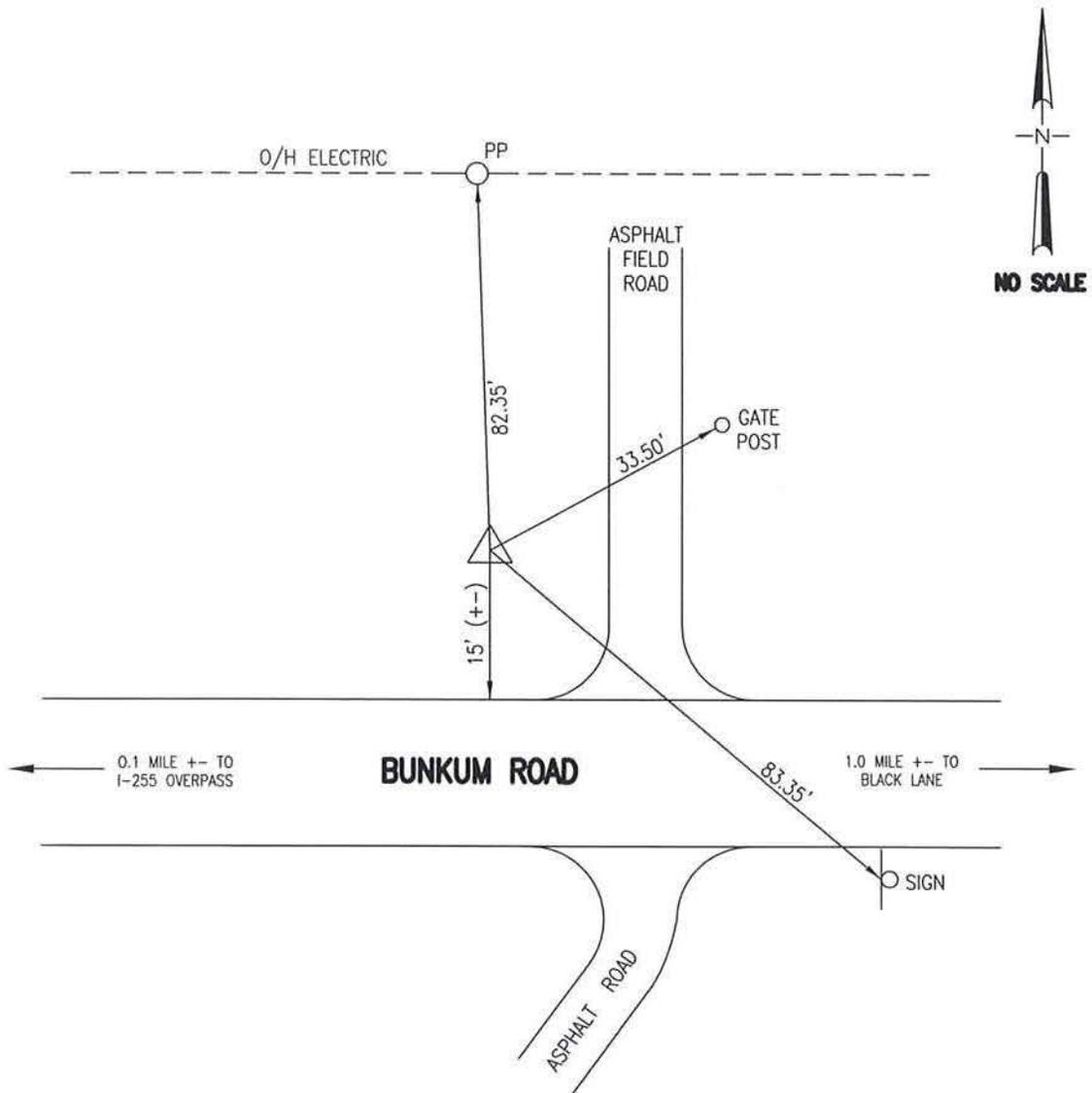
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MONUMENT	GRID NORTHING NAD 1983 (2007)	GRID EASTING NAD 1983 (2007)	ELEVATION NAVD 1988 (+/- 0.2')	COMBINED FACTOR
STC-12	712237.640	2325583.839	433.1	0.99992631

ST. CLAIR COUNTY MONUMENT RECOVERY TIES

STC-12



St. Clair County Geographic Reference System

Grid		Local		Cartesian (WGS-84)
From:	STC-12			
Northing:	712237.640sft	Latitude:	38°37'21.67513"N	X: -18616.423sft
Easting:	2325583.839sft	Longitude:	90°03'54.56675"W	Y: -16370228.273sft
Elevation:	433.128sft	Height:	331.733sft	Z: 12991253.256sft
Convergence:	0°03'48.099566"			

Inverse:

Grid Azimuth:	90°37'40"	NS Fwd Azimuth:	90°41'28"	Delta X:	1749.668sft
Grid Distance:	1749.673sft	NS Back Azimuth:	270°41'42"	Delta Y:	-5.114sft
Delta Elevation:	-12.935sft	Ellipsoid Dist:	1749.774sft	Delta Z:	-24.522sft
t-T Correction:	0°00'00.000133"	Ground Dist:	1749.801sft	Slope Dist:	1749.848sft
Elevation Scale Factor:	0.99998447	Delta Height:	-12.793sft		
Grid Scale Factor:	0.99994220				
Combined Factor:	0.99992667				

To:	A 249			
Northing:	712218.467sft	Latitude:	38°37'21.46591"N	X: -16866.755sft
Easting:	2327333.407sft	Longitude:	90°03'32.52090"W	Y: -16370233.387sft
Elevation:	420.193sft	Height:	318.940sft	Z: 12991228.734sft
Convergence:	0°04'01.860067"			