

**Scott County
Iowa**

NAD 83(NA2011)

**Iowa South Zone (1402)
&
IaRCS Zone 11**

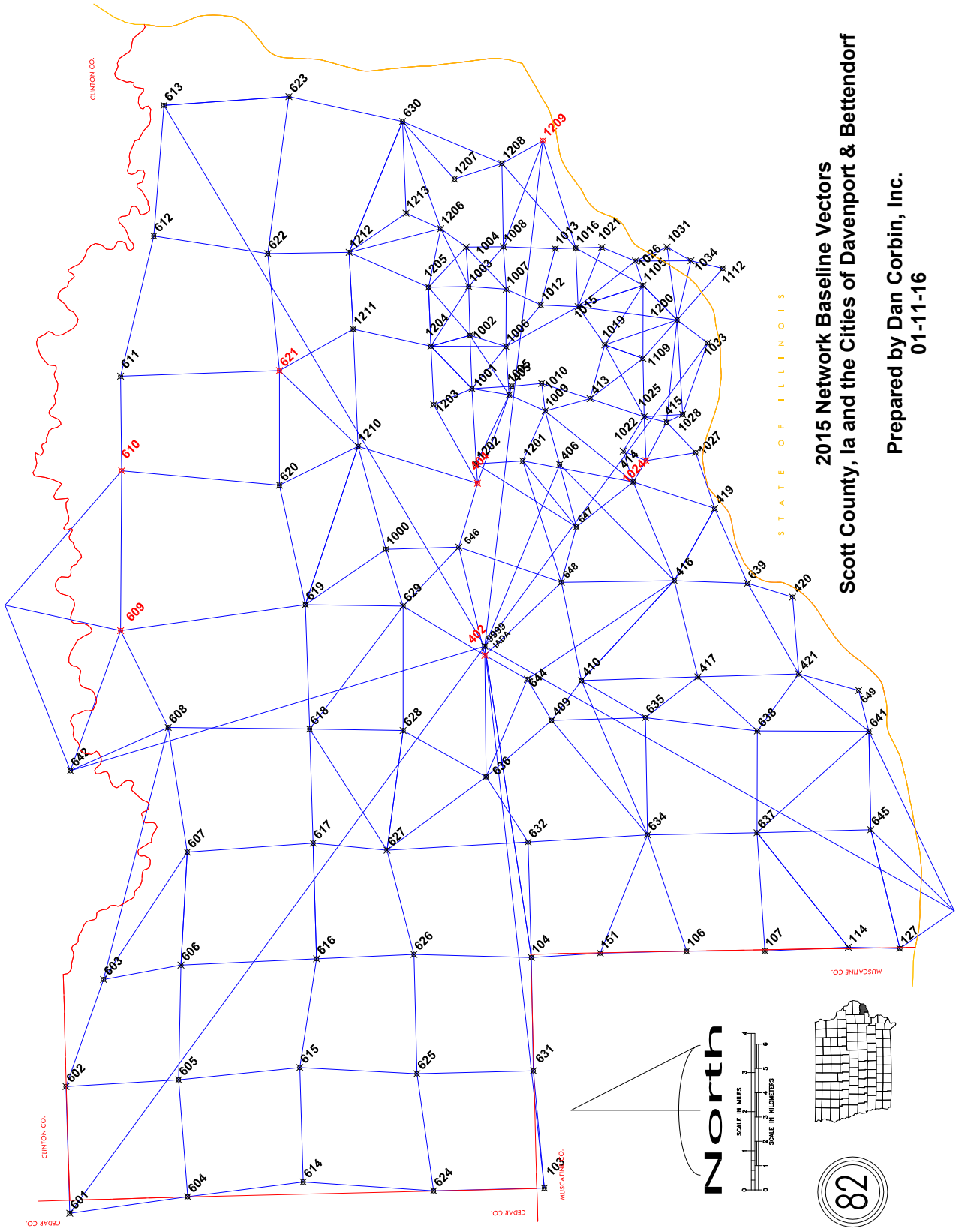
Monument Records

2015

Dan Corbin, Inc.
28 River Ridge Lane
Cedar Falls, IA 50613

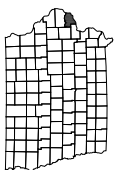


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Fax: (319) 266-3398
E-Mail: dcorbin@cfu.net



**2015 Network Baseline Vectors
 Scott County, Ia and the Cities of Davenport & Bettendorf**

Prepared by Dan Corbin, Inc.
 01-11-16



Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**

Iowa State Plane South Zone (1402)

Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport

US Survey Feet

2015

Point Name: **103**

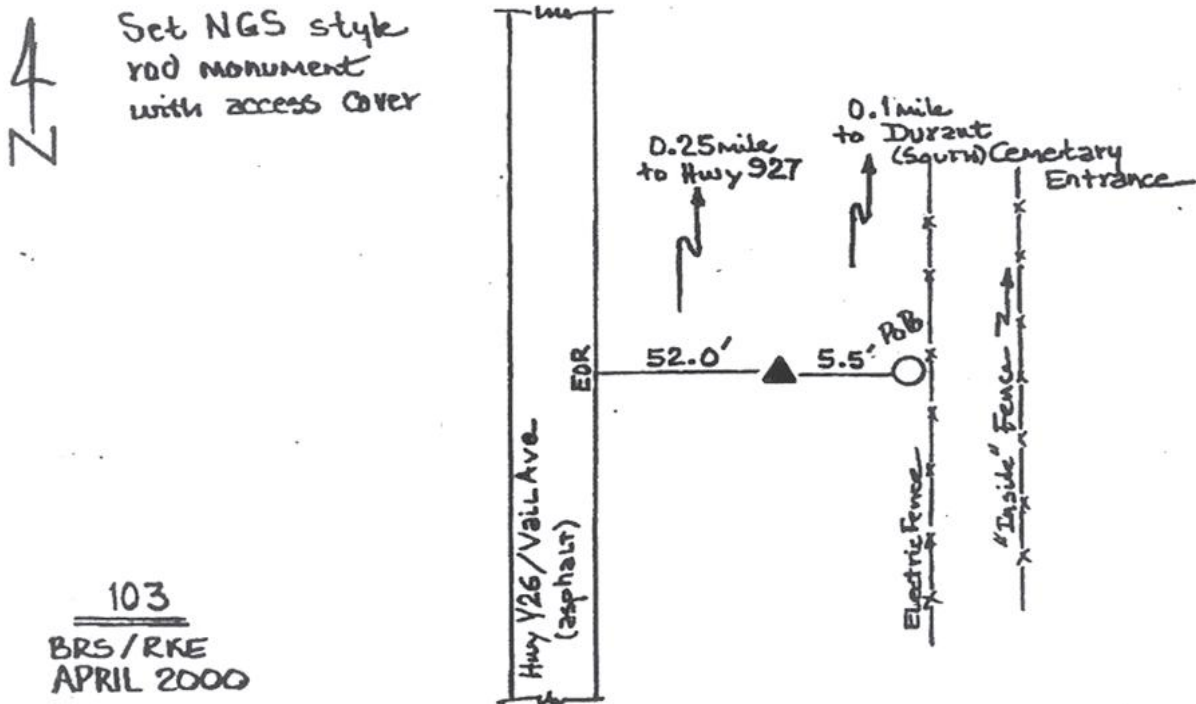
Designation: MUSCATINE CO. GPS CONTROL PT 2000-103 (Set by ASI in 2000)

NAD 83(NA2011) Latitude: **N41°35'38.96991"** Longitude: **W90°53'58.71279"**
NAVD 88 Ortho Height: **684.640sft** Ellip. Ht: **577.104sft** Geoid12A

Iowa South Zone (1402) Northing: **591444.111sft** Easting: **2351592.157sft**
Mapping Angle: **1°42'46"** Combination Scale Factor: **0.999944348**

IaRCS Zone 11 Northing: **8089962.482sft** Easting: **21399797.071sft**
Mapping Angle: **-0°14'35"** Combination Scale Factor: **1.0000109356**

Monument Type: 5/8" dia. driven aluminum rod with a 2-1/2" dia. aluminum cap and permanent magnet encased in a 5" dia. PVC pipe with an aluminum access cover.



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**

Iowa State Plane South Zone (1402)

Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport

US Survey Feet

2015

Point Name: **104**

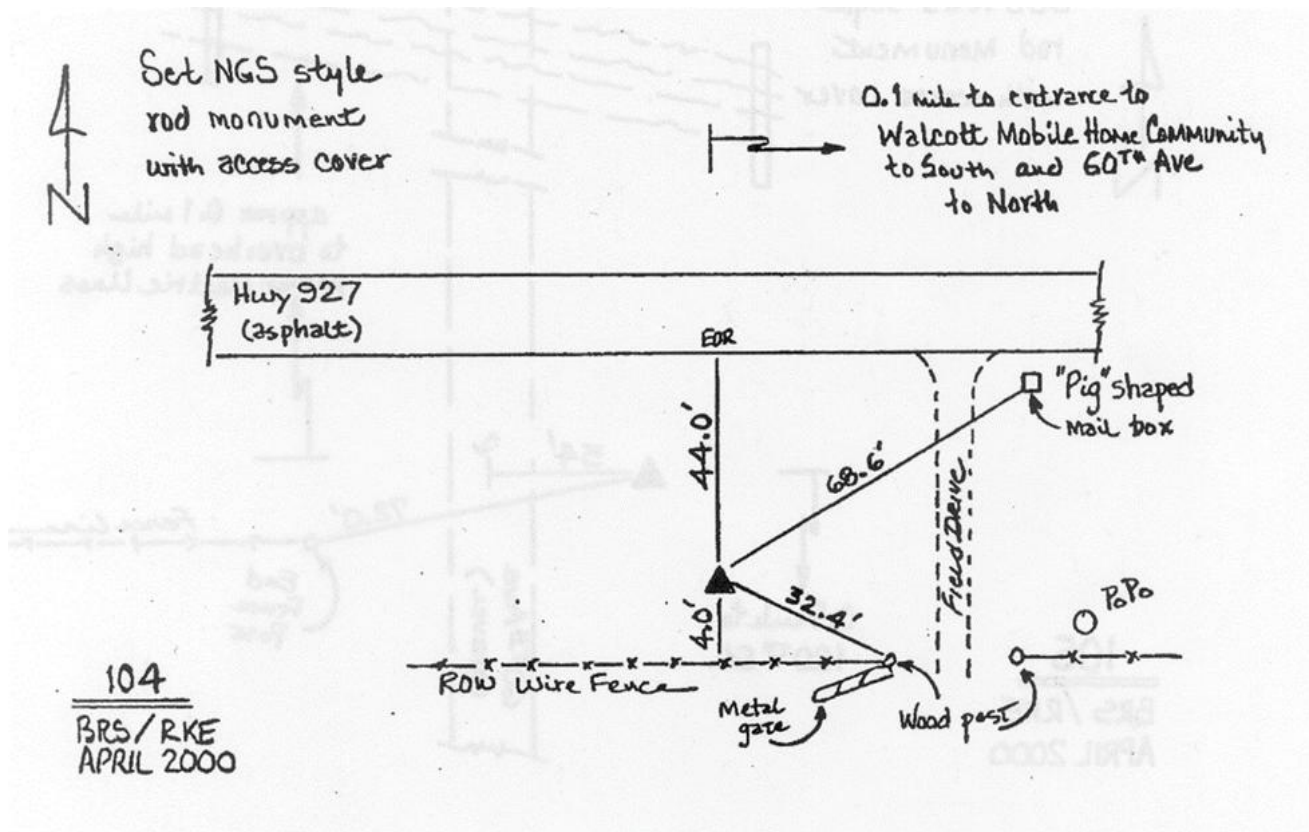
Designation: MUSCATINE CO. GPS CONTROL PT 2000-104 (Set by ASI in 2000)

NAD 83(NA2011) Latitude: **N41°35'46.98679"** Longitude: **W90°47'07.12530"**
NAVD 88 Ortho Height: **733.820sft** Ellip. Ht: **626.239sft** Geoid12A

Iowa South Zone (1402) Northing: **593210.458sft** Easting: **2382825.134sft**
Mapping Angle: **1°47'17"** Combination Scale Factor: **0.999942271**

IaRCS Zone 11 Northing: **8090661.940sft** Easting: **21431074.114sft**
Mapping Angle: **-0°10'02"** Combination Scale Factor: **1.0000025462**

Monument Type: 5/8" dia. driven aluminum rod with a 2-1/2" dia. aluminum cap and permanent magnet encased in a 5" dia. PVC pipe with an aluminum access cover.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**

Iowa State Plane South Zone (1402)

Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport

US Survey Feet

2015

Point Name: **105 (Destroyed)**

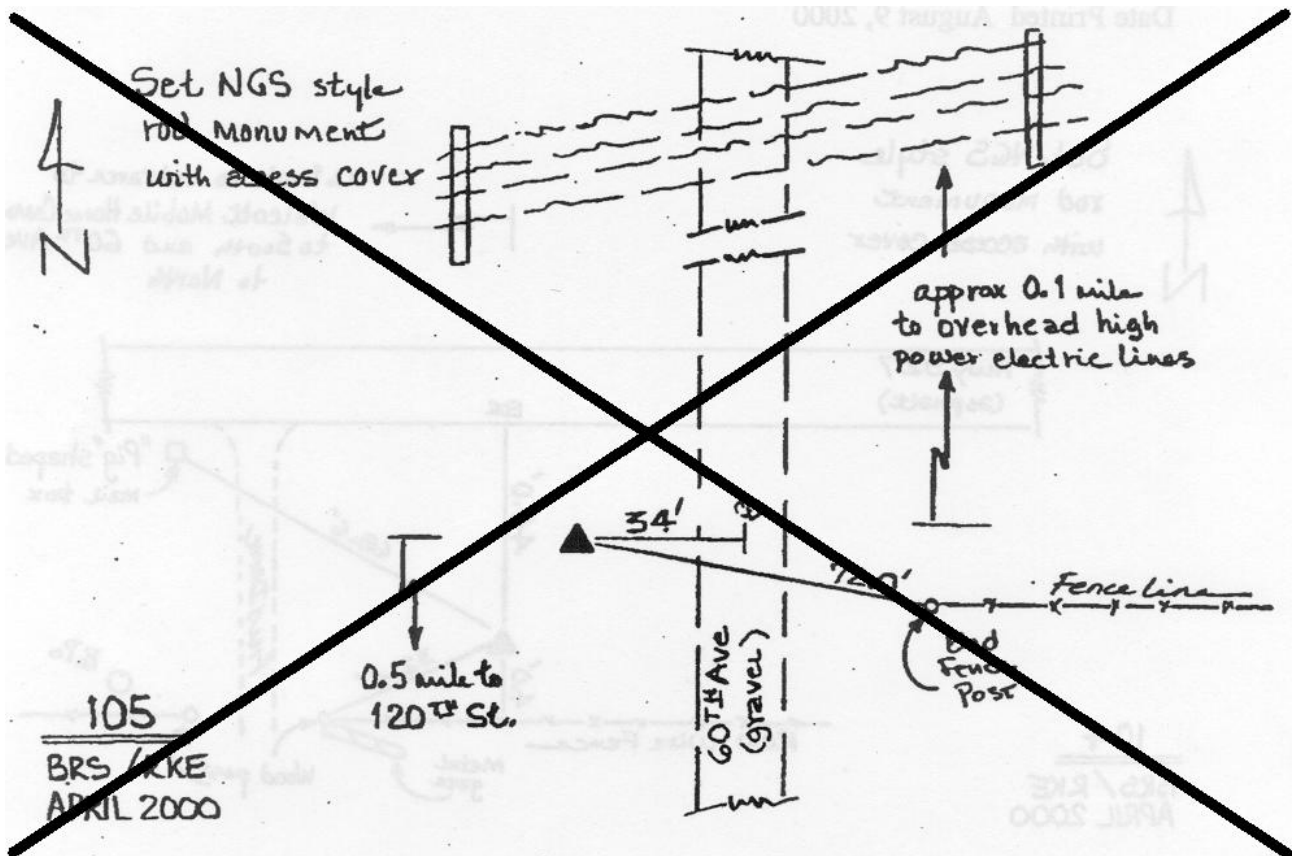
Designation: MUSCATINE CO. GPS CONTROL PT 2000-105 (Set by ASI in 2000)

~~NAD 83(NA2011) Latitude: **N41°34'03.01339"** Longitude: **W90°47'03.33718"**
NAVD 88 Ortho Height: **731.820**sft Ellip. Ht: **624.223**sft Geoid **12A**~~

~~Iowa South Zone (1402) Northing: **582700.857**sft Easting: **2383441.323**sft
Mapping Angle: **1°47'20"** Combination Scale Factor: **0.999939018**~~

~~IaRCS Zone 11 Northing: **8080136.782**sft Easting: **21431331.354**sft
Mapping Angle: **0°09'59"** Combination Scale Factor: **1.0000026019**~~

Monument Type: 5/8" dia. driven aluminum rod with a 2-1/2" dia. aluminum cap and permanent magnet encased in a 5" dia. PVC pipe with an aluminum access cover.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **106**

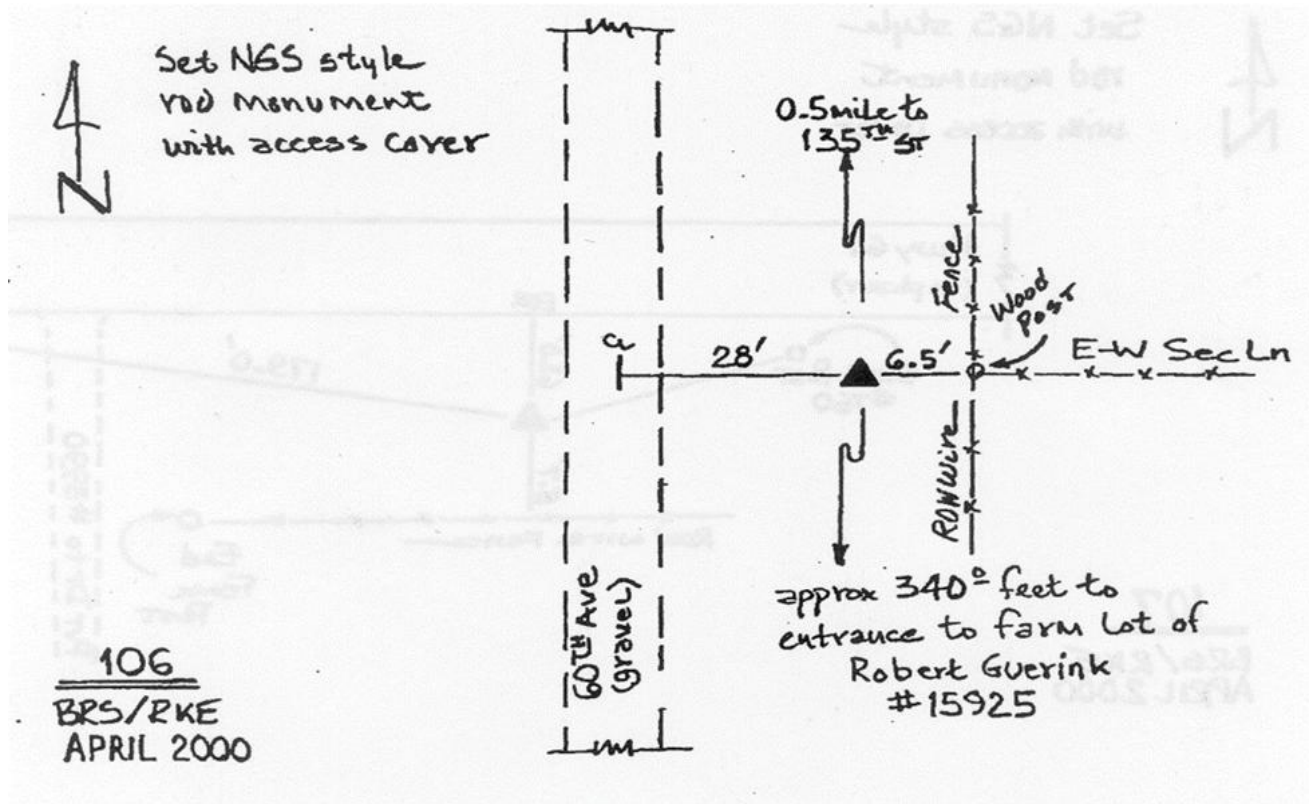
Designation: MUSCATINE CO. GPS CONTROL PT 2000-106 (Set by ASI in 2000)

NAD 83(NA2011) Latitude: **N41°32'17.99613"** Longitude: **W90°47'04.31679"**
NAVD 88 Ortho Height: **777.780sft** Ellip. Ht: **670.155sft** Geoid12A

Iowa South Zone (1402) Northing: **572074.433sft** Easting: **2383698.671sft**
Mapping Angle: **1°47'19"** Combination Scale Factor: **0.999933701**

laRCS Zone 11 Northing: **8069507.071sft** Easting: **21431225.975sft**
Mapping Angle: **-0°10'00"** Combination Scale Factor: **1.0000004267**

Monument Type: 5/8" dia. driven aluminum rod with a 2-1/2" dia. aluminum cap and permanent magnet encased in a 5" dia. PVC pipe with an aluminum access cover.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**

Iowa State Plane South Zone (1402)

Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport

US Survey Feet

2015

Point Name: **107**

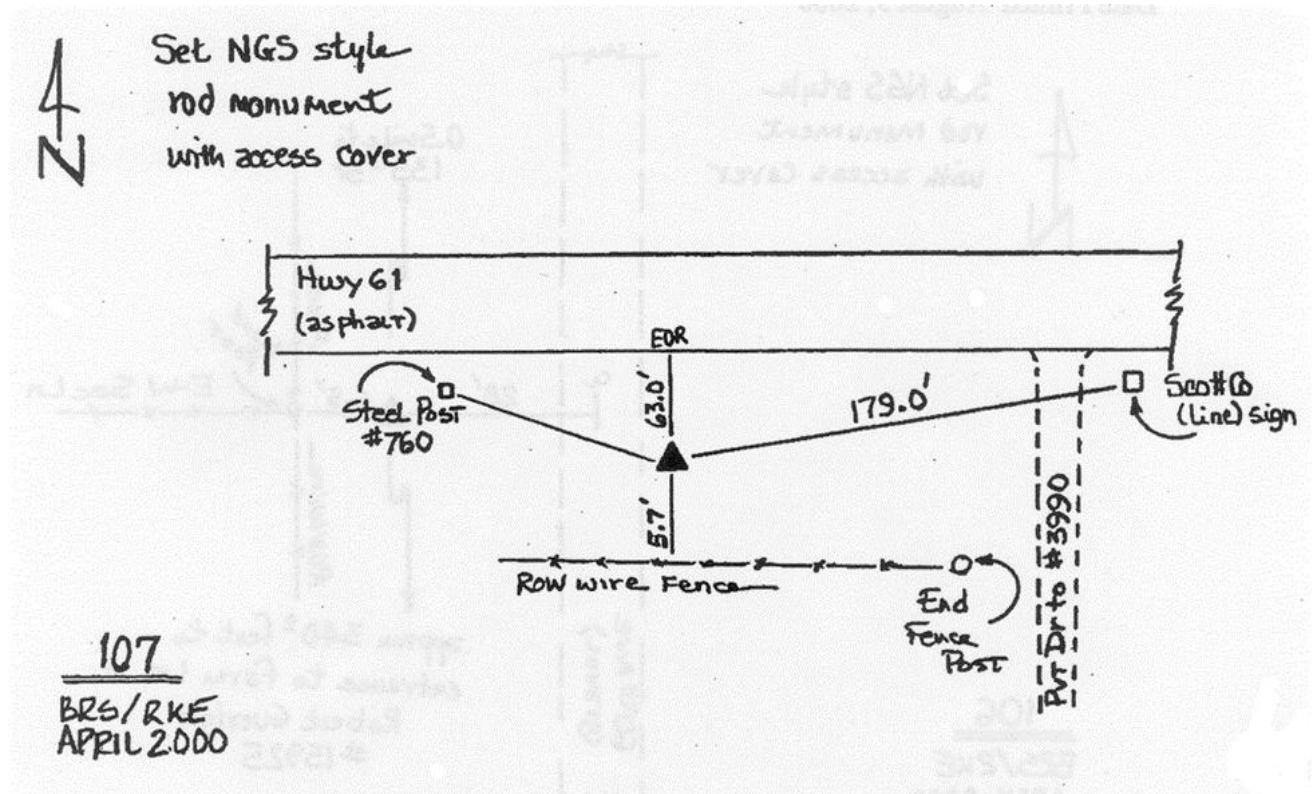
Designation: MUSCATINE CO. GPS CONTROL PT 2000-107 (Set by ASI in 2000)

NAD 83(NA2011) Latitude: **N41°30'32.74854"** Longitude: **W90°47'08.41205"**
NAVD 88 Ortho Height: **784.240sft** Ellip. Ht: **676.558sft** Geoid12A

Iowa South Zone (1402) Northing: **561417.395sft** Easting: **2383719.755sft**
Mapping Angle: **1°47'17"** Combination Scale Factor: **0.999930524**

IaRCS Zone 11 Northing: **8058854.791sft** Easting: **21430883.424sft**
Mapping Angle: **-0°10'02"** Combination Scale Factor: **1.0000001751**

Monument Type: 5/8" dia. driven aluminum rod with a 2-1/2" dia. aluminum cap and permanent magnet encased in a 5" dia. PVC pipe with an aluminum access cover.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **114**

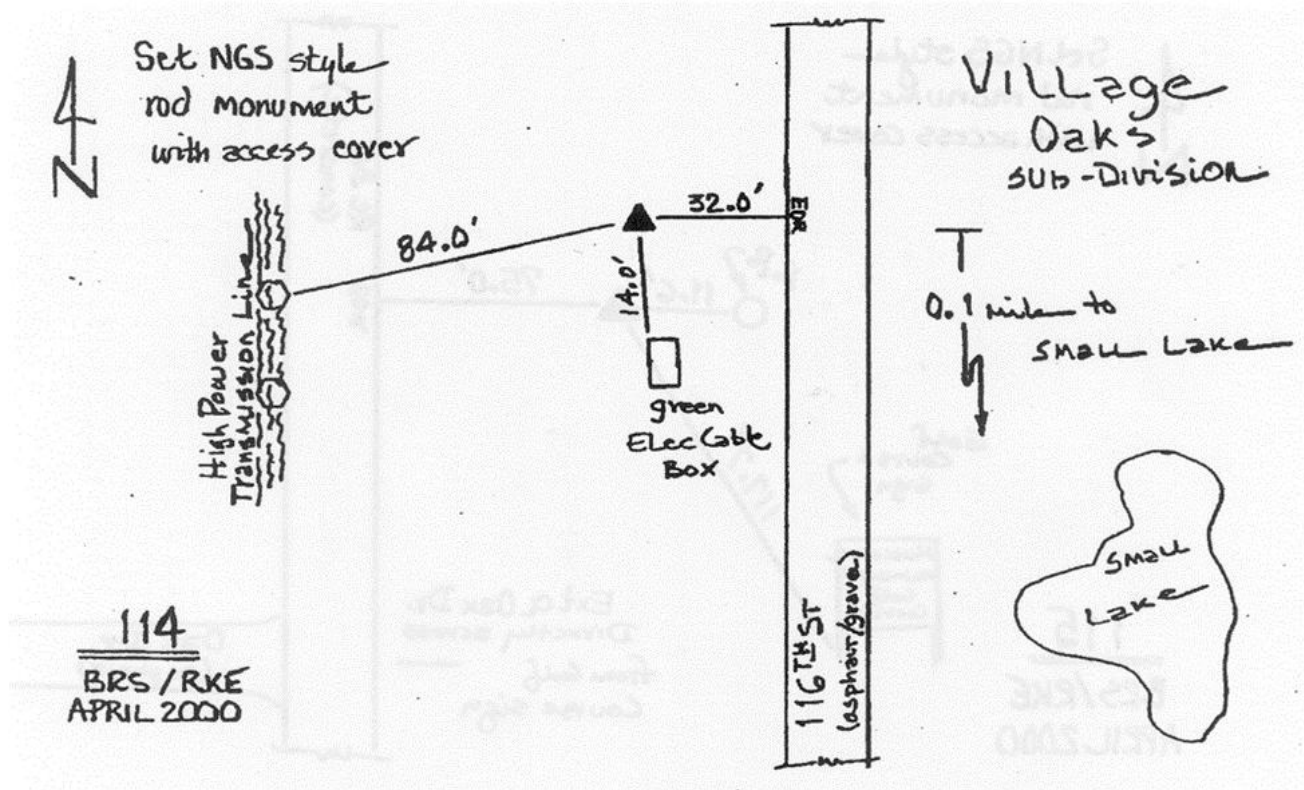
Designation: MUSCATINE CO. GPS CONTROL PT 2000-114 (Set by ASI in 2000)

NAD 83(NA2011) Latitude: **N41°28'40.43577"** Longitude: **W90°47'06.45127"**
NAVD 88 Ortho Height: **690.920sft** Ellip. Ht: **583.144sft** Geoid**12A**

Iowa South Zone (1402) Northing: **550060.079sft** Easting: **2384223.599sft**
Mapping Angle: **1°47'18"** Combination Scale Factor: **0.999932205**

IaRCS Zone 11 Northing: **8047486.090sft** Easting: **21430999.510sft**
Mapping Angle: **-0°10'00"** Combination Scale Factor: **1.0000046142**

Monument Type: 5/8" dia. driven aluminum rod with a 2-1/2" dia. aluminum cap and permanent magnet encased in a 5" dia. PVC pipe with an aluminum access cover.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **127**

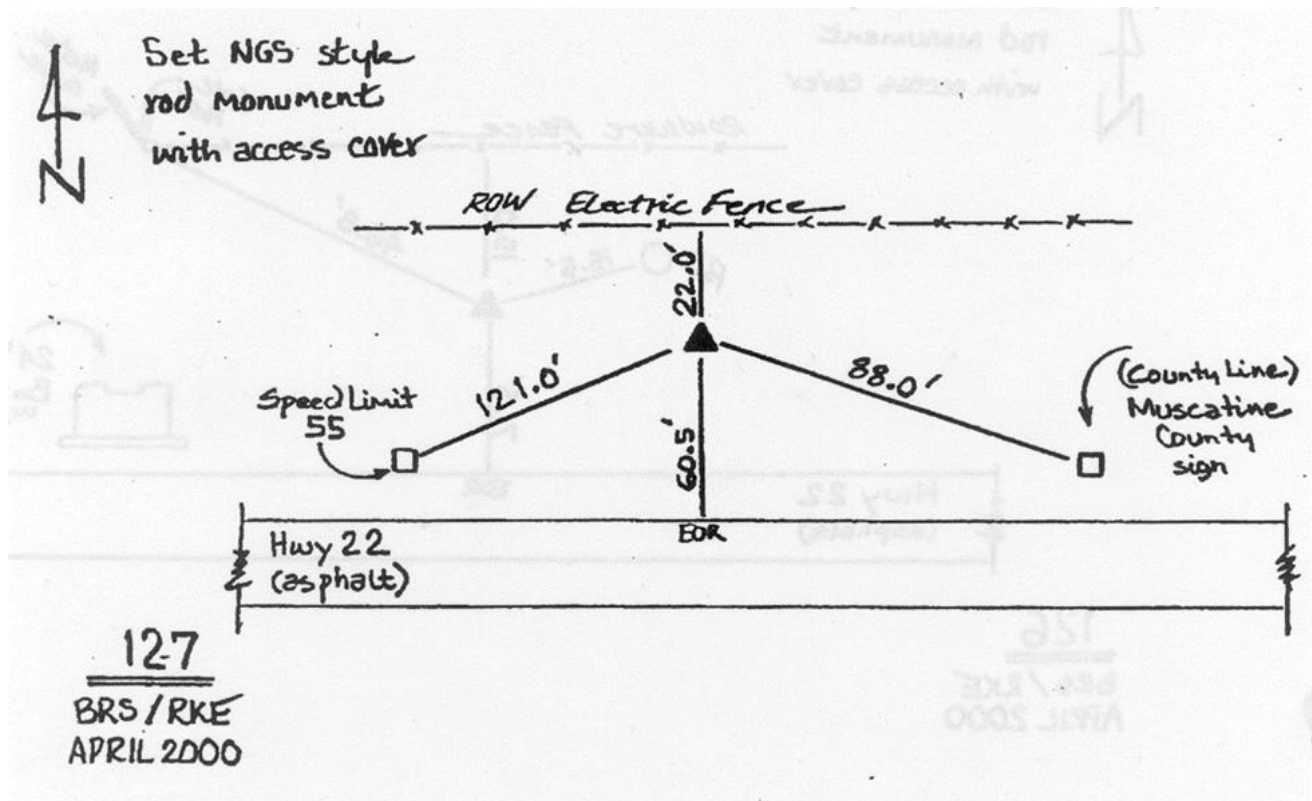
Designation: MUSCATINE CO. GPS CONTROL PT 2000-127 (Set by ASI in 2000)

NAD 83(NA2011) Latitude: **N41°27'31.13990"** Longitude: **W90°47'11.53966"**
NAVD 88 Ortho Height: **555.780sft** Ellip. Ht: **447.943sft** Geoid12A

Iowa South Zone (1402) Northing: **543037.814sft** Easting: **2384055.233sft**
Mapping Angle: **1°47'14"** Combination Scale Factor: **0.999937091**

IaRCS Zone 11 Northing: **8040473.142sft** Easting: **21430591.647sft**
Mapping Angle: **-0°10'04"** Combination Scale Factor: **1.0000111302**

Monument Type: 5/8" dia. driven aluminum rod with a 2-1/2" dia. aluminum cap and permanent magnet encased in a 5" dia. PVC pipe with an aluminum access cover.



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Scott County, Iowa
 Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
 Iowa State Plane South Zone (1402)
 Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
 US Survey Feet
2015

Point Name: **151**

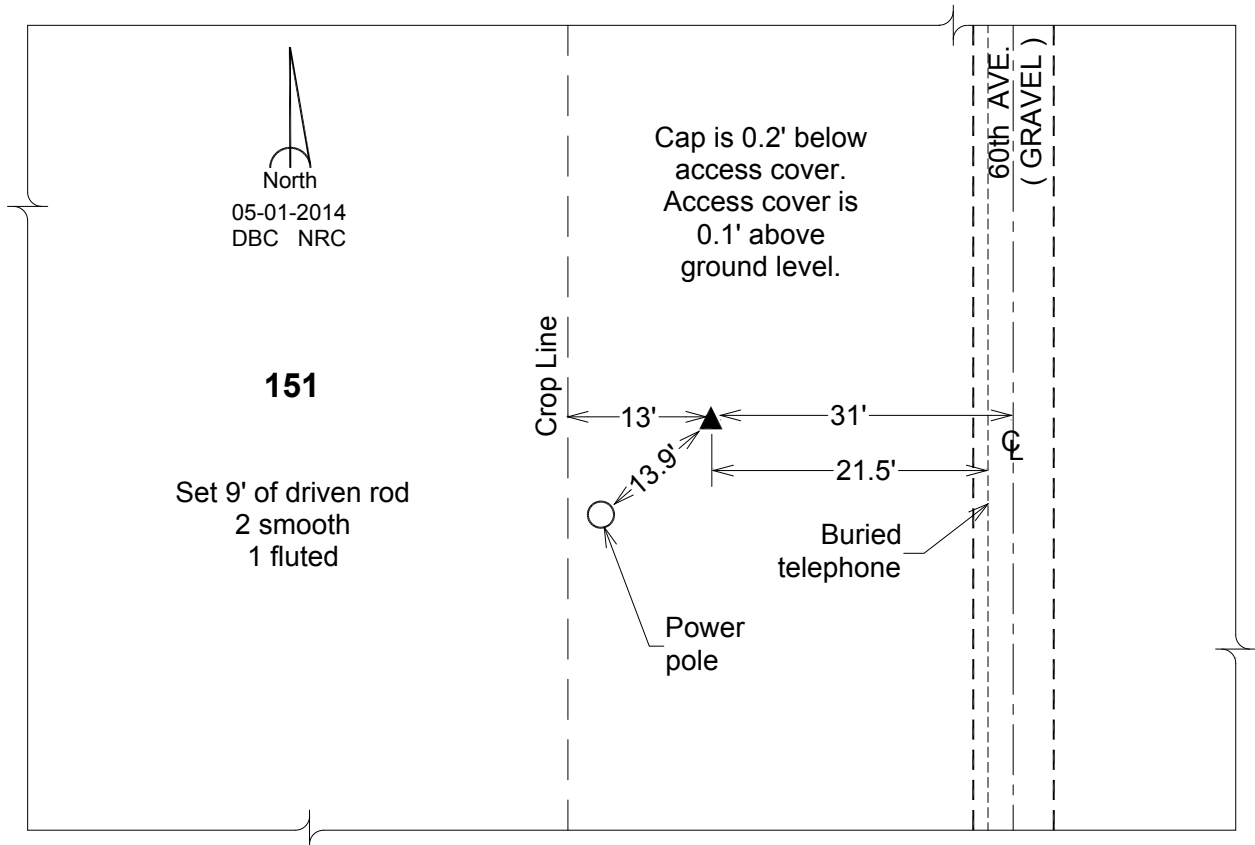
Designation: MUSCATINE CO. GPS CONTROL PT 2014-151 (Set by DCI in 2014)

NAD 83(NA2011) Latitude: **N41°34'14.29142"** Longitude: **W90°47'03.13002"**
 NAVD 88 Ortho Height: **729.660sft** Ellip. Ht: **622.065sft** Geoid**12A**

Iowa South Zone (1402) Northing: **583842.299sft** Easting: **2383421.427sft**
 Mapping Angle: **1°47'20"** Combination Scale Factor: **0.999939472**

laRCS Zone 11 Northing: **8081278.310sft** Easting: **21431350.420sft**
 Mapping Angle: **-0°09'59"** Combination Scale Factor: **1.000027019**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**

Iowa State Plane South Zone (1402)

Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport

US Survey Feet

2015

Point Name: **402**

Designation: City of Davenport, Surdex, GPS-2, (Set by Surdex in 1992)

NAD 83(NA2011) Latitude: **N41°36'36.51334"** Longitude: **W90°38'05.64875"**
NAVD 88 Ortho Height: **734.088sft** Ellip. Ht: **626.430sft** Geoid12A

Iowa South Zone (1402) Northing: **599539.939sft** Easting: **2423779.494sft**
Mapping Angle: **1°53'14"** Combination Scale Factor: **0.999943947**

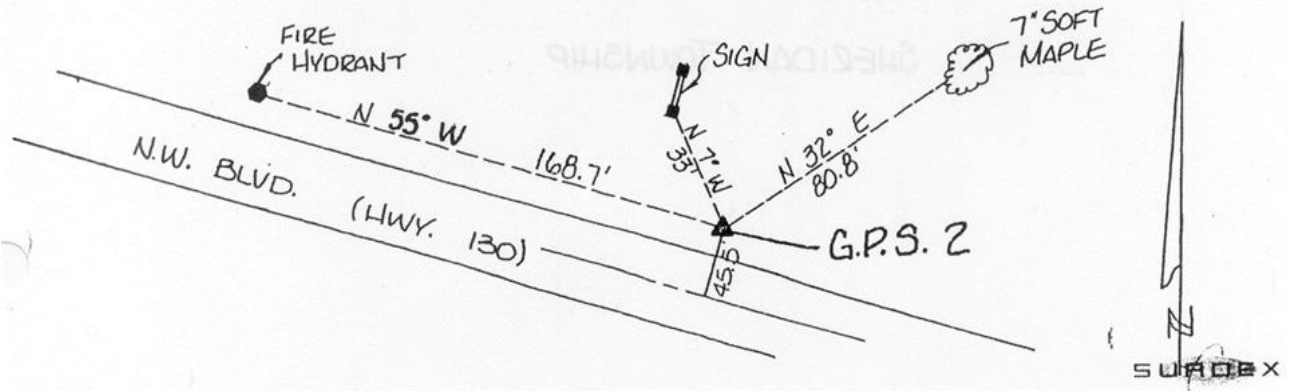
laRCS Zone 11 Northing: **8095590.822sft** Easting: **21472222.908sft**
Mapping Angle: **-0°04'03"** Combination Scale Factor: **0.9999979899**

Monument Type: Berntsen GPS 3-Dimensional top security monument with a 3-1/4" dia. domed aluminum cap located inside an aluminum access cover.

OBJECT	BEARING	FEET
Carsonite Post	North	1.25
Panel Centerline Road	N 04D E	20.00
Field Entrance	N 40D W	43.60
Fence	South	31.20

DESCRIPTION AND SKETCH

The monument is a Berntsen GPS 3-Dimensional top security monument with cap. The monument is flush with the ground and can be found with a magnetic locator. A 3-1/4" domed aluminum cap stamped "City of Davenport, Surdex, GPS-2, 1992," is located inside an aluminum access cover encased with concrete. A flat head screwdriver is required to open the lid.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**

Iowa State Plane South Zone (1402)

Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport

US Survey Feet

2015

Point Name: **403 (Destroyed)**

Designation: City of Davenport, Surdex, GPS-3, (Set by Surdex in 1992)

NAD 83(NA2011) Latitude: **N41°37'05.39298"** Longitude: **W90°35'18.08114"**

NAVD 88 Ortho Height: **746.310**sft Ellip. Ht: **638.591**sft Geoid **12A**

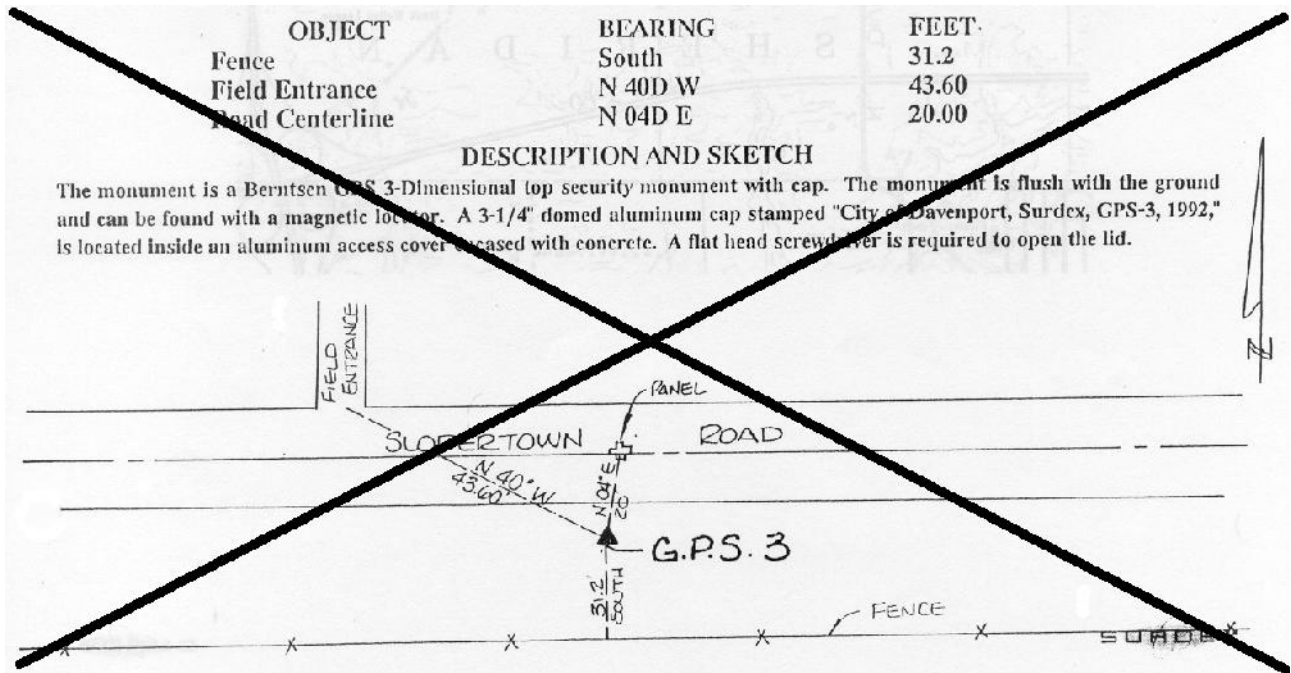
~~Iowa South Zone (1402) Northing: 602883.994sft Easting: 2436403.511sft~~

~~Mapping Angle: 1°55'04" Combination Scale Factor: 0.999944376~~

~~IaRCS Zone 11 Northing: 8098502.518sft Easting: 21484954.312sft~~

~~Mapping Angle: 0°02'12" Combination Scale Factor: 0.9999967867~~

Monument Type: Berntsen GPS 3-Dimensional top security monument with a 3-1/4" dia. domed aluminum cap located inside an aluminum access cover.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **404**

Designation: City of Davenport, Surdex, GPS-4, (Set by Surdex in 1992)

NAD 83(NA2011) Latitude: **N41°36'38.61679"** Longitude: **W90°32'58.87448"**
NAVD 88 Ortho Height: **743.230sft** Ellip. Ht: **635.457sft** Geoid12A

Iowa South Zone (1402) Northing: **600531.570sft** Easting: **2447062.611sft**
Mapping Angle: **1°56'36"** Combination Scale Factor: **0.999943589**

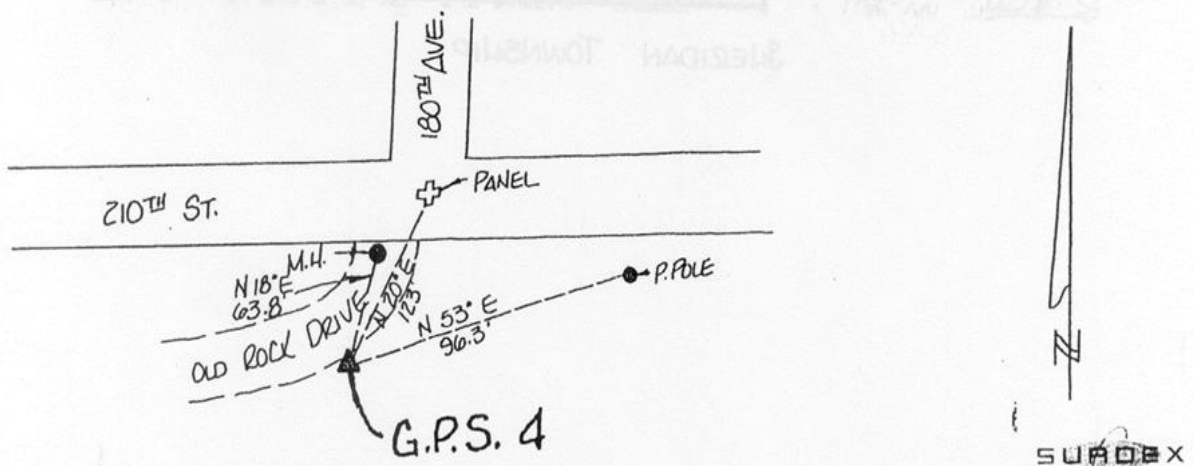
laRCS Zone 11 Northing: **8095787.812sft** Easting: **21495527.547sft**
Mapping Angle: **-0°00'39"** Combination Scale Factor: **0.9999967004**

Monument Type: Berntsen GPS 3-Dimensional top security monument with a 3-1/4" dia. domed aluminum cap located inside an aluminum access cover.

OBJECT	BEARING	FEET.
Manhole	N 18D E	63.8
Pole	N 53D E	96.3
Road Centerline	N 20D E	123

DESCRIPTION AND SKETCH

The monument is a Berntsen GPS 3-Dimensional top security monument with cap. The monument is flush with the ground and can be found with a magnetic locator. A 3-1/4" domed aluminum cap stamped "City of Davenport, Surdex, GPS-4, 1992," is located inside an aluminum access cover encased with concrete. A flat head screwdriver is required to open the lid.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **405**

Designation: City of Davenport, Surdex, GPS-5, (Set by Surdex in 1992)

NAD 83(NA2011) Latitude: **N41°35'48.45442"** Longitude: **W90°30'07.98213"**
NAVD 88 Ortho Height: **732.540sft** Ellip. Ht: **624.711sft** Geoid**12A**

Iowa South Zone (1402) Northing: **595901.105sft** Easting: **2460211.275sft**
Mapping Angle: **1°58'29"** Combination Scale Factor: **0.999942393**

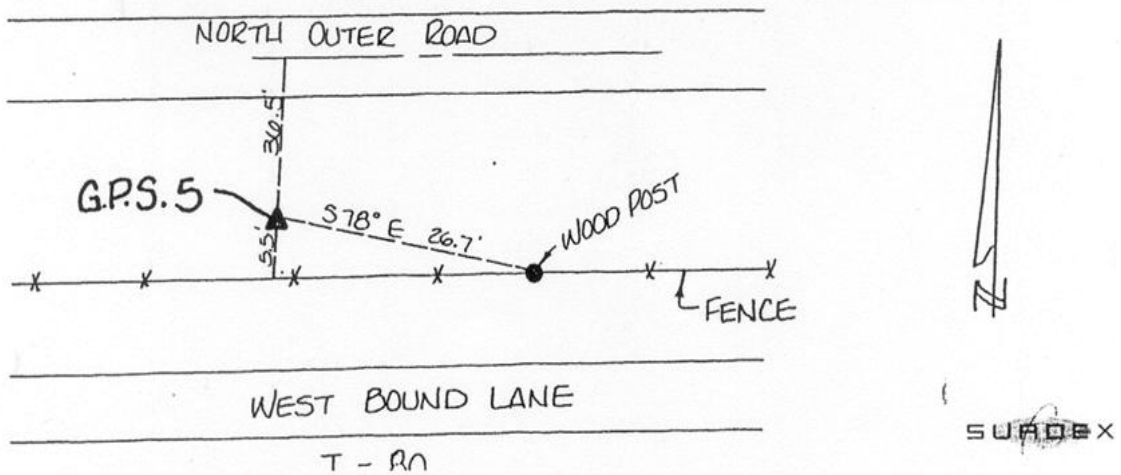
laRCS Zone 11 Northing: **8090711.409sft** Easting: **21508511.370sft**
Mapping Angle: **0°01'14"** Combination Scale Factor: **0.9999972730**

Monument Type: Berntsen GPS 3-Dimensional top security monument with a 3-1/4" dia. domed aluminum cap located inside an aluminum access cover.

OBJECT	BEARING	FEET.
Fence	South	5.50
Wood Fence Post	S 78D E	26.7
Road Centerline	North	36.5

DESCRIPTION AND SKETCH

The monument is a Berntsen GPS 3-Dimensional top security monument with cap. The monument is flush with the ground and can be found with a magnetic locator. A 3-1/4" domed aluminum cap stamped "City of Davenport, Surdex, GPS-5, 1992," is located inside an aluminum access cover encased with concrete. A flat head screwdriver is required to open the lid.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**

Iowa State Plane South Zone (1402)

Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport

US Survey Feet

2015

Point Name: **406**

Designation: City of Davenport, Surdex, GPS-6, (Set by Surdex in 1992)

NAD 83(NA2011) Latitude: **N41°34'47.51032"** Longitude: **W90°32'30.47120"**
NAVD 88 Ortho Height: **715.700sft** Ellip. Ht: **607.931sft** Geoid**12A**

Iowa South Zone (1402) Northing: **589365.604sft** Easting: **2449601.315sft**
Mapping Angle: **1°56'55"** Combination Scale Factor: **0.999941197**

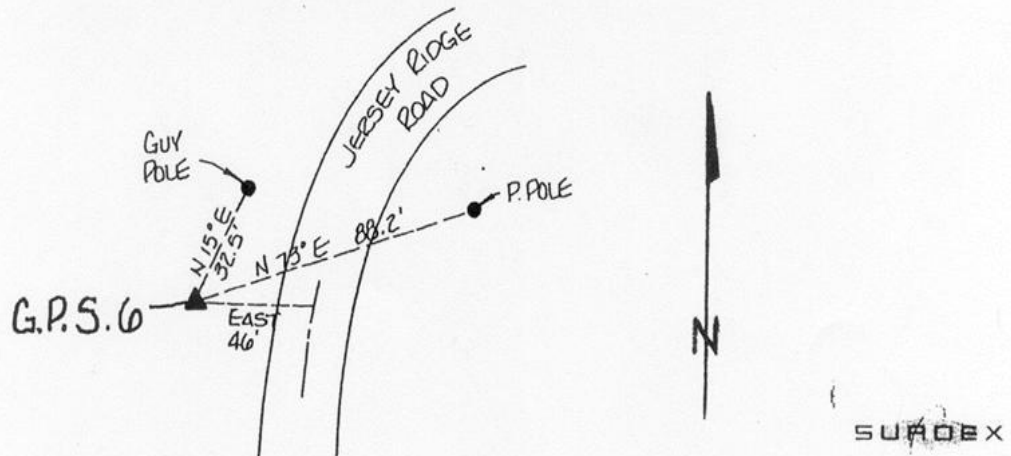
laRCS Zone 11 Northing: **8084541.149sft** Easting: **21497684.124sft**
Mapping Angle: **-0°00'20"** Combination Scale Factor: **0.9999979970**

Monument Type: Berntsen GPS 3-Dimensional top security monument with a 3-1/4" dia. domed aluminum cap located inside an aluminum access cover.

OBJECT	BEARING	FEET.
Guy Pole	N 15D E	32.5
Power Pole	N 73D E	88.2
Road Centerline	East	46

DESCRIPTION AND SKETCH

The monument is a Berntsen GPS 3-Dimensional top security monument with cap. The monument is flush with the ground and can be found with a magnetic locator. A 3-1/4" domed aluminum cap stamped "City of Davenport, Surdex, GPS-6, 1992," is located inside an aluminum access cover encased with concrete. A flat head screwdriver is required to open the lid.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**

Iowa State Plane South Zone (1402)

Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport

US Survey Feet

2015

Point Name: **407 (Destroyed)**

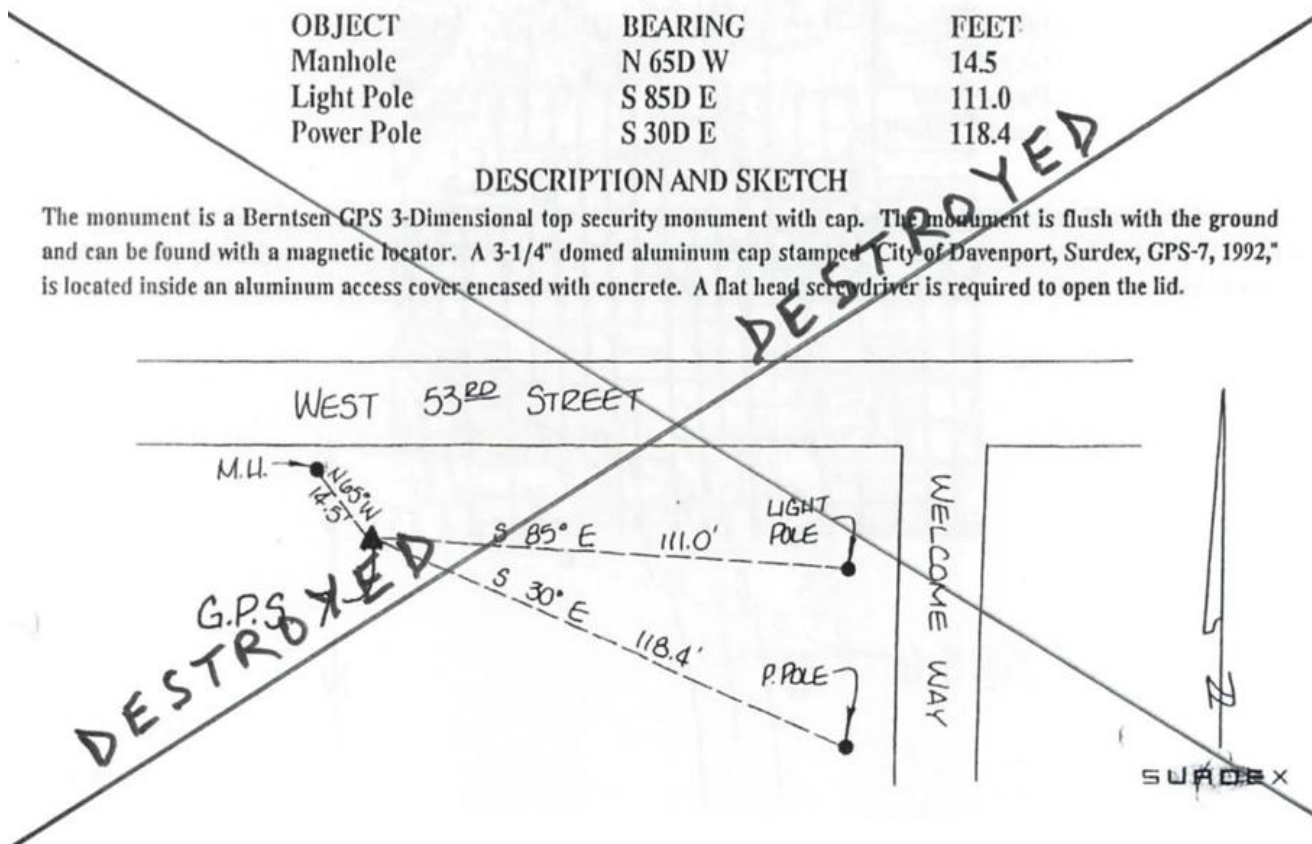
Designation: City of Davenport, Surdex, GPS-7, (Set by Surdex in 1992)

NAD 83(NA2011) Latitude: **41°34'27.81795"N** Longitude: **90°34'19.88298"W**
NAVD 88 Ortho Height: **712.370sft** Ellip. Ht: **604.920sft** Geoid**12A**

~~Iowa South Zone (1402) Northing: 587092.284sft Easting: 2441358.098sft~~
~~Mapping Angle: 1°55'43" Combination Scale Factor: 0.999940710~~

~~IaRCS Zone 11 Northing: N/Asft Easting: N/Asft~~
~~Mapping Angle: N/A Combination Scale Factor: N/A~~

Monument Type: Berntsen GPS 3-Dimensional top security monument with a 3-1/4" dia. domed aluminum cap located inside an aluminum access cover.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**

Iowa State Plane South Zone (1402)

Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport

US Survey Feet

2015

Point Name: **408 (Destroyed)**

Designation: City of Davenport, Surdex, GPS-8, (Set by Surdex in 1992)

NAD 83(NA2011) Latitude: **41°34'54.18188"N** Longitude: **90°36'00.58080"W**

NAVD 88 Ortho Height: **733.830sft** Ellip. Ht: **626.474sft** Geoid **12A**

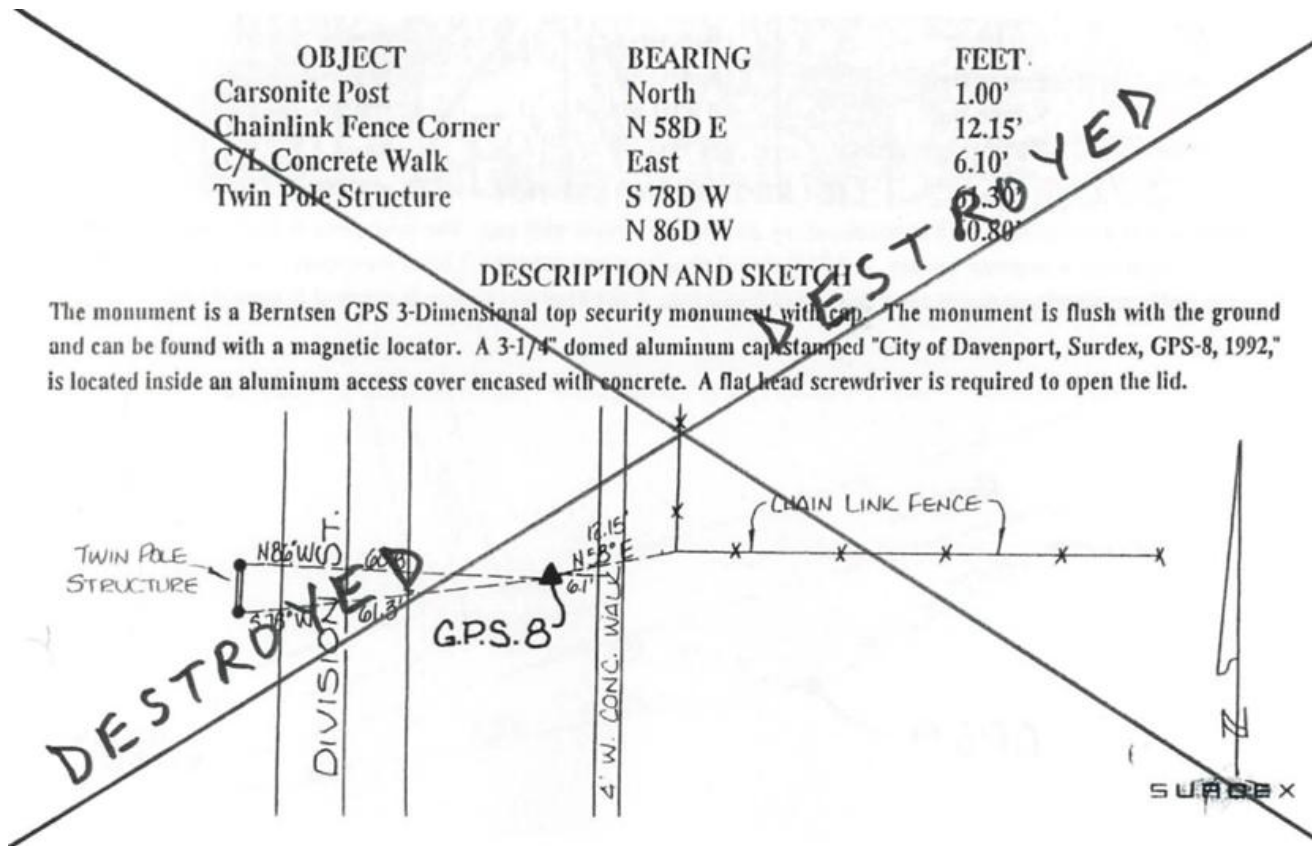
~~Iowa South Zone (1402) Northing: 589502.901sft Easting: 2433619.995sft~~

~~Mapping Angle: 1°54'36" Combination Scale Factor: 0.999940530~~

~~IaRCS Zone 11 Northing: N/Asft Easting: N/Asft~~

~~Mapping Angle: N/A Combination Scale Factor: N/A~~

Monument Type: Berntsen GPS 3-Dimensional top security monument with a 3-1/4" dia. domed aluminum cap located inside an aluminum access cover.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**

Iowa State Plane South Zone (1402)

Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport

US Survey Feet

2015

Point Name: **409**

Designation: City of Davenport, Surdex, GPS-9, (Set by Surdex in 1992)

NAD 83(NA2011) Latitude: **N41°35'09.67253"** Longitude: **W90°40'05.54171"**
NAVD 88 Ortho Height: **744.130sft** Ellip. Ht: **636.500sft** Geoid**12A**

Iowa South Zone (1402) Northing: **590456.738sft** Easting: **2414963.104sft**
Mapping Angle: **1°51'55"** Combination Scale Factor: **0.999940550**

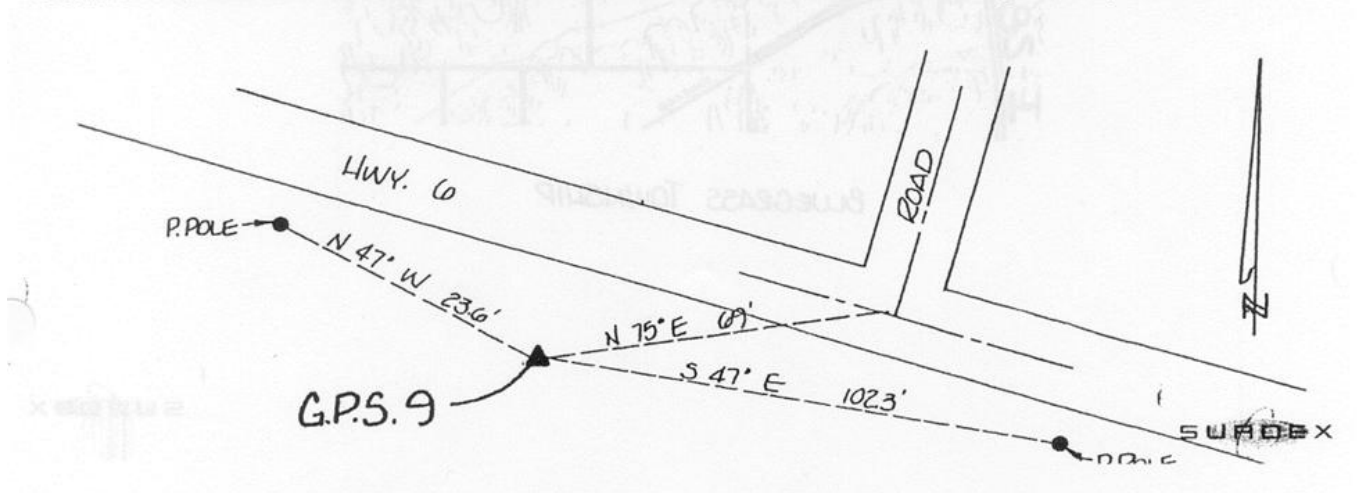
laRCS Zone 11 Northing: **8086813.147sft** Easting: **21463101.308sft**
Mapping Angle: **-0°05'22"** Combination Scale Factor: **0.9999981835**

Monument Type: Berntsen GPS 3-Dimensional top security monument with a 3-1/4" dia. domed aluminum cap located inside an aluminum access cover.

OBJECT	BEARING	FEET
Power Pole	N 47D W	23.6
Power Pole	S 47D E	102.3
Road Intersection	N 75D E	69

DESCRIPTION AND SKETCH

The monument is a Berntsen GPS 3-Dimensional top security monument with cap. The monument is flush with the ground and can be found with a magnetic locator. A 3-1/4" domed aluminum cap stamped "City of Davenport, Surdex, GPS-9, 1992," is located inside an aluminum access cover encased with concrete. A flat head screwdriver is required to open the lid.



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Scott County, Iowa

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Iowa State Plane South Zone (1402)
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US Survey Feet
2015

Point Name: **410**

Designation: City of Davenport, Surdex, GPS-10, (Set by Surdex in 1992)

NAD 83(NA2011) Latitude: **N41°34'27.74349"** Longitude: **W90°38'56.38122"**
NAVD 88 Ortho Height: **722.560sft** Ellip. Ht: **614.908sft** Geoid12A

Iowa South Zone (1402) Northing: **586386.801sft** Easting: **2420354.923sft**
Mapping Angle: **1°52'41"** Combination Scale Factor: **0.999940236**

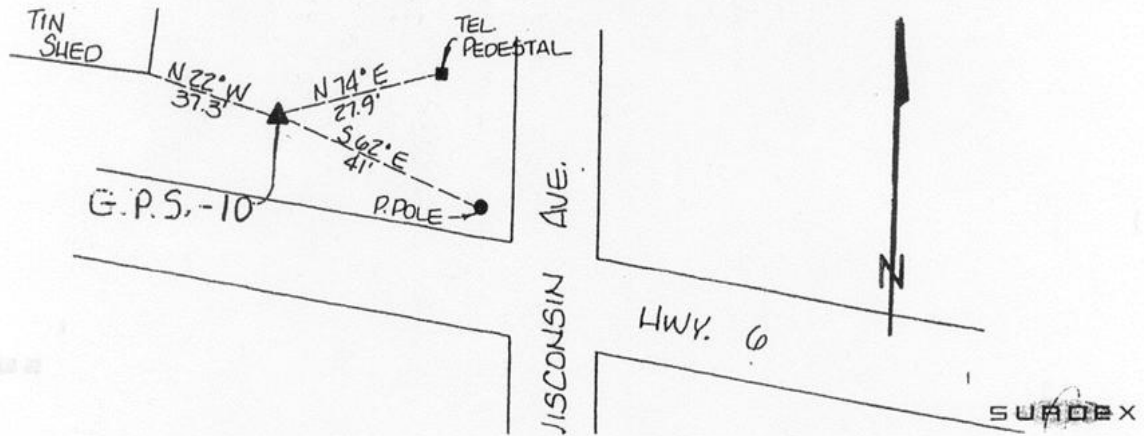
IaRCS Zone 11 Northing: **8082561.414sft** Easting: **21468351.467sft**
Mapping Angle: **-0°04'36"** Combination Scale Factor: **0.9999988026**

Monument Type: Berntsen GPS 3-Dimensional top security monument with a 3-1/4" dia. domed aluminum cap located inside an aluminum access cover.

OBJECT	BEARING	FEET
Corner Shed	N 22D W	37.3
Telephone Pedestal	N 74D E	27.9
Power Pole	S 62D E	41

DESCRIPTION AND SKETCH

The monument is a Berntsen GPS 3-Dimensional top security monument with cap. The monument is flush with the ground and can be found with a magnetic locator. A 3-1/4" domed aluminum cap stamped "City of Davenport, Surdex, GPS-10, 1992," is located inside an aluminum access cover encased with concrete. A flat head screwdriver is required to open the lid.



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **413**

Designation: City of Davenport, Surdex, GPS-13, (Set by Surdex in 1992)

NAD 83(NA2011) Latitude: **N41°34'03.65144"** Longitude: **W90°30'35.02900"**
NAVD 88 Ortho Height: **700.110sft** Ellip. Ht: **592.311sft** Geoid**12A**

Iowa South Zone (1402) Northing: **585228.973sft** Easting: **2458522.118sft**
Mapping Angle: **1°58'11"** Combination Scale Factor: **0.999940560**

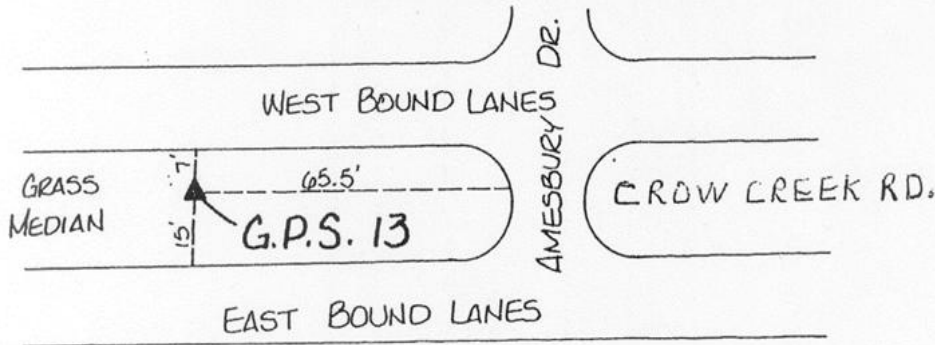
IaRCS Zone 11 Northing: **8080102.478sft** Easting: **21506459.189sft**
Mapping Angle: **0°00'56"** Combination Scale Factor: **0.9999987839**

Monument Type: Berntsen GPS 3-Dimensional top security monument with a 3-1/4" dia. domed aluminum cap located inside an aluminum access cover.

OBJECT	BEARING	FEET
Curb	North	7
Curb	South	15
Curb	East	65.5

DESCRIPTION AND SKETCH

The monument is a Berntsen GPS 3-Dimensional top security monument with cap. The monument is flush with the ground and can be found with a magnetic locator. A 3-1/4" domed aluminum cap stamped "City of Davenport, Surdex, GPS-13, 1992," is located inside an aluminum access cover encased with concrete. A flat head screwdriver is required to open the lid.



SURDEX

This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **414**

Designation: City of Davenport, Surdex, GPS-14, (Set by Surdex in 1992)

NAD 83(NA2011) Latitude: **N41°33'09.43472"** Longitude: **W90°33'05.97498"**
NAVD 88 Ortho Height: **635.030sft** Ellip. Ht: **527.272sft** Geoid12A

Iowa South Zone (1402) Northing: **579352.994sft** Easting: **2447241.070sft**
Mapping Angle: **1°56'31"** Combination Scale Factor: **0.999942017**

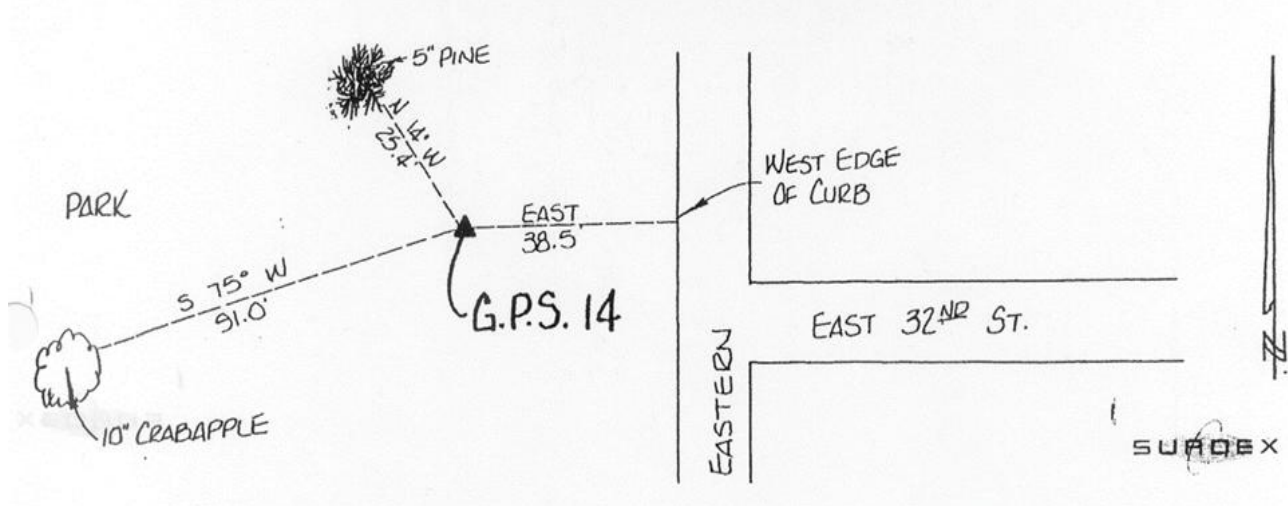
IaRCS Zone 11 Northing: **8074614.269sft** Easting: **21494983.656sft**
Mapping Angle: **-0°00'44"** Combination Scale Factor: **1.0000018684**

Monument Type: Berntsen GPS 3-Dimensional top security monument with a 3-1/4" dia. domed aluminum cap located inside an aluminum access cover.

OBJECT	BEARING	FEET
Curb	East	38.5
Pine Tree	N 14D W	25.4
Crab Apple Tree	S 75D W	91.0

DESCRIPTION AND SKETCH

The monument is a Berntsen GPS 3-Dimensional top security monument with cap. The monument is flush with the ground and can be found with a magnetic locator. A 3-1/4" domed aluminum cap stamped "City of Davenport, Surdex, GPS-14, 1992," is located inside an aluminum access cover encased with concrete. A flat head screwdriver is required to open the lid.



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**

Iowa State Plane South Zone (1402)

Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport

US Survey Feet

2015

Point Name: **415**

Designation: City of Davenport, Surdex, GPS-15, (Set by Surdex in 1992)

NAD 83(NA2011) Latitude: **N41°32'21.80950"** Longitude: **W90°31'21.45261"**
 NAVD 88 Ortho Height: **674.870sft** Ellip. Ht: **567.090sft** Geoid12A

Iowa South Zone (1402) Northing: **574806.094sft** Easting: **2455348.208sft**
 Mapping Angle: **1°57'40"** Combination Scale Factor: **0.999938728**

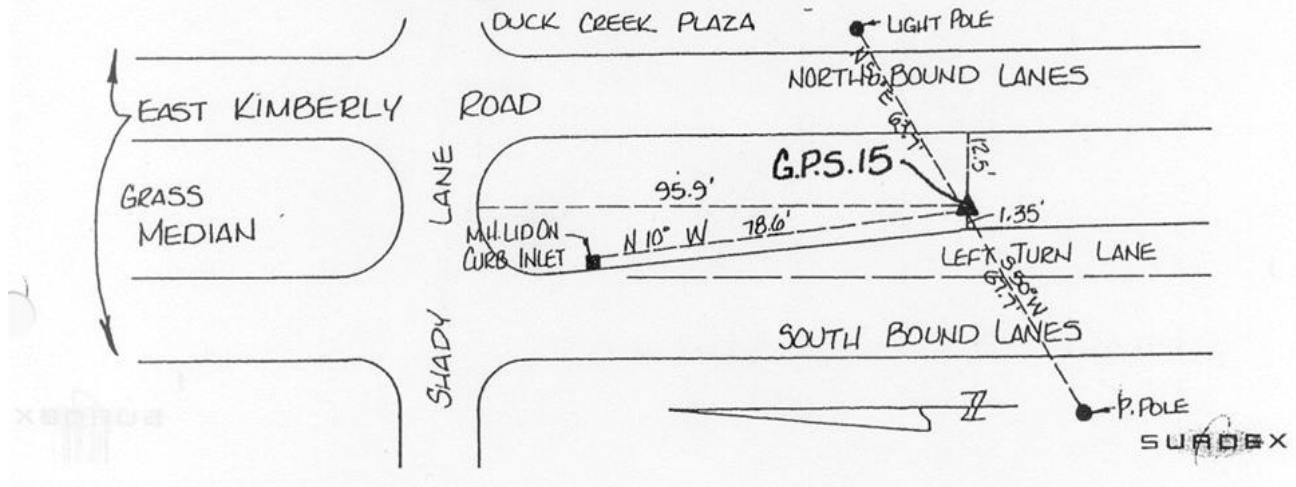
IaRCS Zone 11 Northing: **8069793.269sft** Easting: **21502931.512sft**
 Mapping Angle: **0°00'26"** Combination Scale Factor: **0.9999999495**

Monument Type: Berntsen GPS 3-Dimensional top security monument with a 3-1/4" dia. domed aluminum cap located inside an aluminum access cover.

OBJECT	BEARING	FEET
Manhole	N 10D W	78.6
Light Pole	N 50D E	63.7
Power Pole	S 50D W	67.7

DESCRIPTION AND SKETCH

The monument is a Berntsen GPS 3-Dimensional top security monument with cap. The monument is flush with the ground and can be found with a magnetic locator. A 3-1/4" domed aluminum cap stamped "City of Davenport, Surdex, GPS-15, 1992," is located inside an aluminum access cover encased with concrete. A flat head screwdriver is required to open the lid.



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
 Iowa State Plane South Zone (1402)
 Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
 US Survey Feet
2015

Point Name: **416**

Designation: City of Davenport, Surdex, GPS-16, (Set by Surdex in 1992)

NAD 83(NA2011) Latitude: **N41°32'18.62171"** Longitude: **W90°36'04.30408"**
 NAVD 88 Ortho Height: **718.280sft** Ellip. Ht: **610.556sft** Geoid12A

Iowa South Zone (1402) Northing: **573757.223sft** Easting: **2433861.822sft**
 Mapping Angle: **1°54'34"** Combination Scale Factor: **0.999936563**

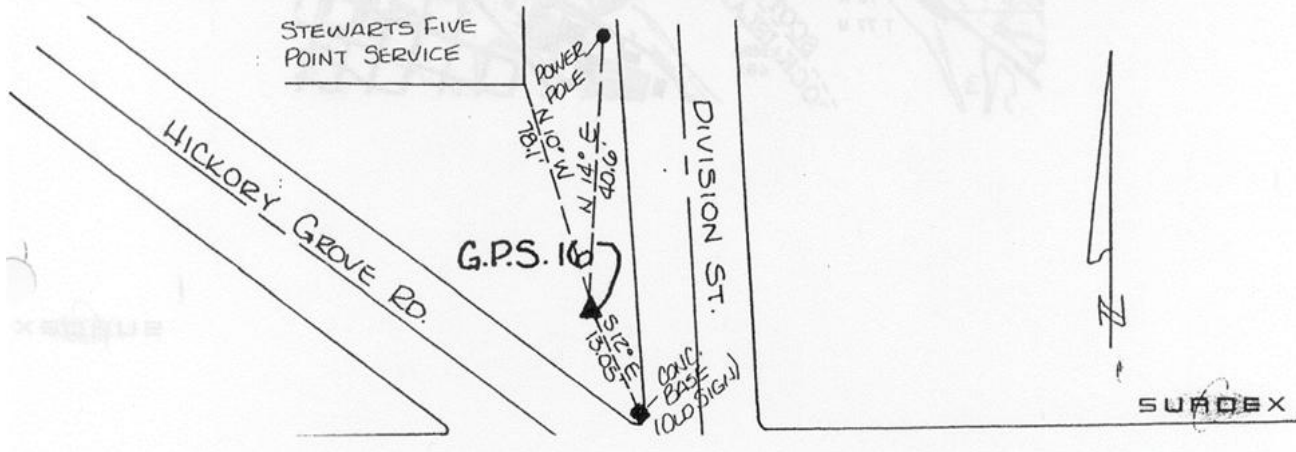
laRCS Zone 11 Northing: **8069477.715sft** Easting: **21481420.534sft**
 Mapping Angle: **-0°02'42"** Combination Scale Factor: **0.9999982601**

Monument Type: Berntsen GPS 3-Dimensional top security monument with a 3-1/4" dia. domed aluminum cap located inside an aluminum access cover.

OBJECT	BEARING	FEET:
Carsonite Post	N 14D E	40.00'
On Power-Pole	N 14D E	40.60'
S.E. Corner Building	N 10D W	78.10'
Concrete Base (Old Sign)	S 12D E	13.05'

DESCRIPTION AND SKETCH

The monument is a Berntsen GPS 3-Dimensional top security monument with cap. The monument is flush with the ground and can be found with a magnetic locator. A 3-1/4" domed aluminum cap stamped "City of Davenport, Surdex, GPS-16, 1992," is located inside an aluminum access cover encased with concrete. A flat head screwdriver is required to open the lid.



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**

Iowa State Plane South Zone (1402)

Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport

US Survey Feet

2015

Point Name: **417**

Designation: City of Davenport, Surdex, GPS-17, (Set by Surdex in 1992)

NAD 83(NA2011) Latitude: **N41°31'51.18778"** Longitude: **W90°38'56.55083"**
NAVD 88 Ortho Height: **740.510sft** Ellip. Ht: **632.814sft** Geoid12A

Iowa South Zone (1402) Northing: **570549.168sft** Easting: **2420861.306sft**
Mapping Angle: **1°52'41"** Combination Scale Factor: **0.999934727**

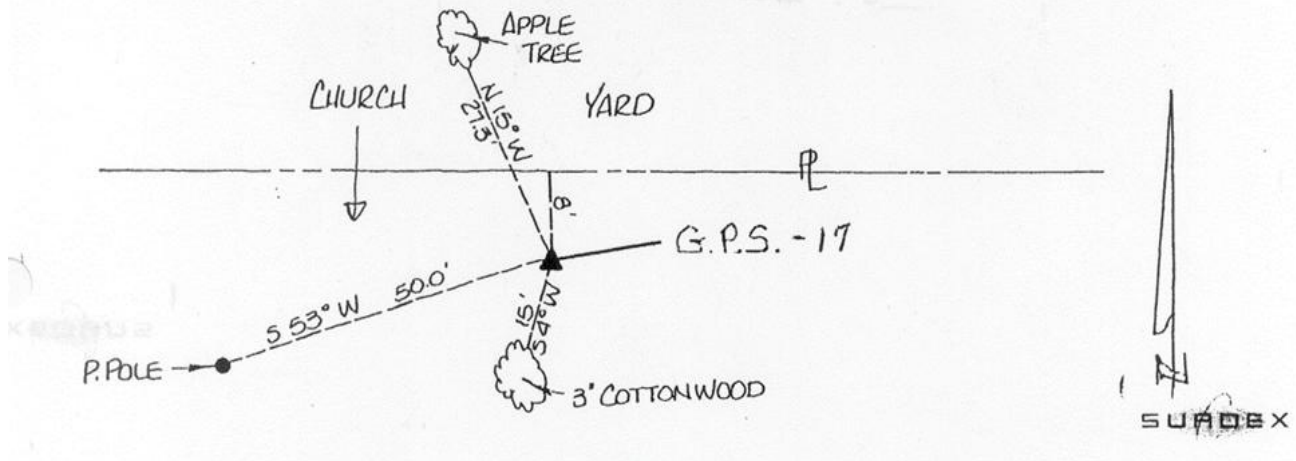
IaRCS Zone 11 Northing: **8066714.758sft** Easting: **21468317.348sft**
Mapping Angle: **-0°04'36"** Combination Scale Factor: **0.9999979506**

Monument Type: Berntsen GPS 3-Dimensional top security monument with a 3-1/4" dia. domed aluminum cap located inside an aluminum access cover.

OBJECT	BEARING	FEET
Power Pole	S 53D W	50
Apple Tree	N 15D W	27.3
Cottonwood Tree	S. 4° W	15'

DESCRIPTION AND SKETCH

The monument is a Berntsen GPS 3-Dimensional top security monument with cap. The monument is flush with the ground and can be found with a magnetic locator. A 3-1/4" domed aluminum cap stamped "City of Davenport, Surdex, GPS-17, 1992," is located inside an aluminum access cover encased with concrete. A flat head screwdriver is required to open the lid.



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**

Iowa State Plane South Zone (1402)

Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport

US Survey Feet

2015

Point Name: **419**

Designation: City of Davenport, Surdex, GPS-19, (Set by Surdex in 1992)

NAD 83(NA2011) Latitude: **N41°31'21.02058"** Longitude: **W90°33'57.99100"**
NAVD 88 Ortho Height: **560.780sft** Ellip. Ht: **453.006sft** Geoid12A

Iowa South Zone (1402) Northing: **568252.495sft** Easting: **2443658.624sft**
Mapping Angle: **1°55'57"** Combination Scale Factor: **0.999942475**

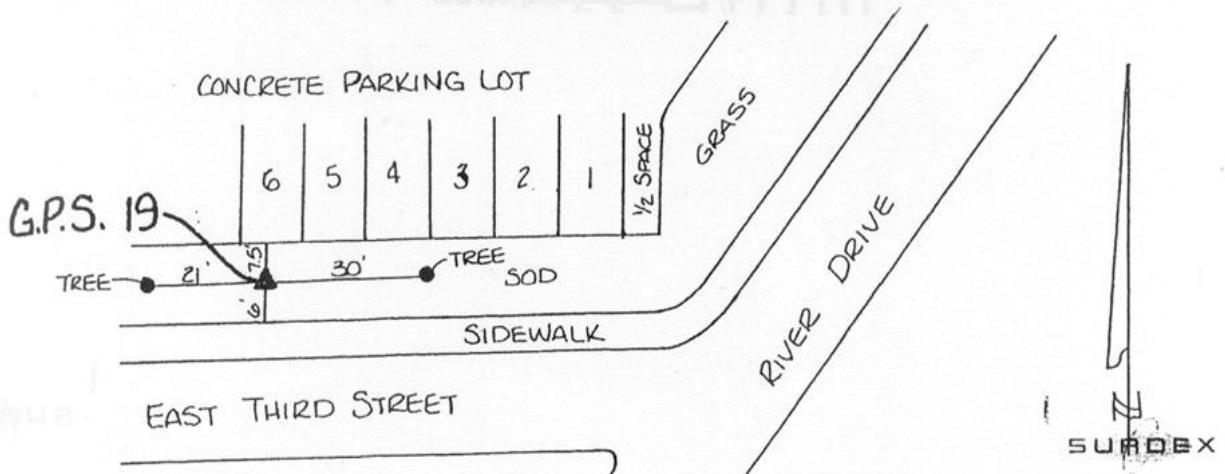
laRCS Zone 11 Northing: **8063641.720sft** Easting: **21491024.505sft**
Mapping Angle: **-0°01'18"** Combination Scale Factor: **1.0000054754**

Monument Type: Berntsen GPS 3-Dimensional top security monument with a 3-1/4" dia. domed aluminum cap located inside an aluminum access cover.

OBJECT	BEARING	FEET
Tree	West	21
Tree	East	30
Curb	South	6

DESCRIPTION AND SKETCH

The monument is a Berntsen GPS 3-Dimensional top security monument with cap. The monument is flush with the ground and can be found with a magnetic locator. A 3-1/4" domed aluminum cap stamped "City of Davenport, Surdex, GPS-19, 1992," is located inside an aluminum access cover encased with concrete. A flat head screwdriver is required to open the lid.



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **420**

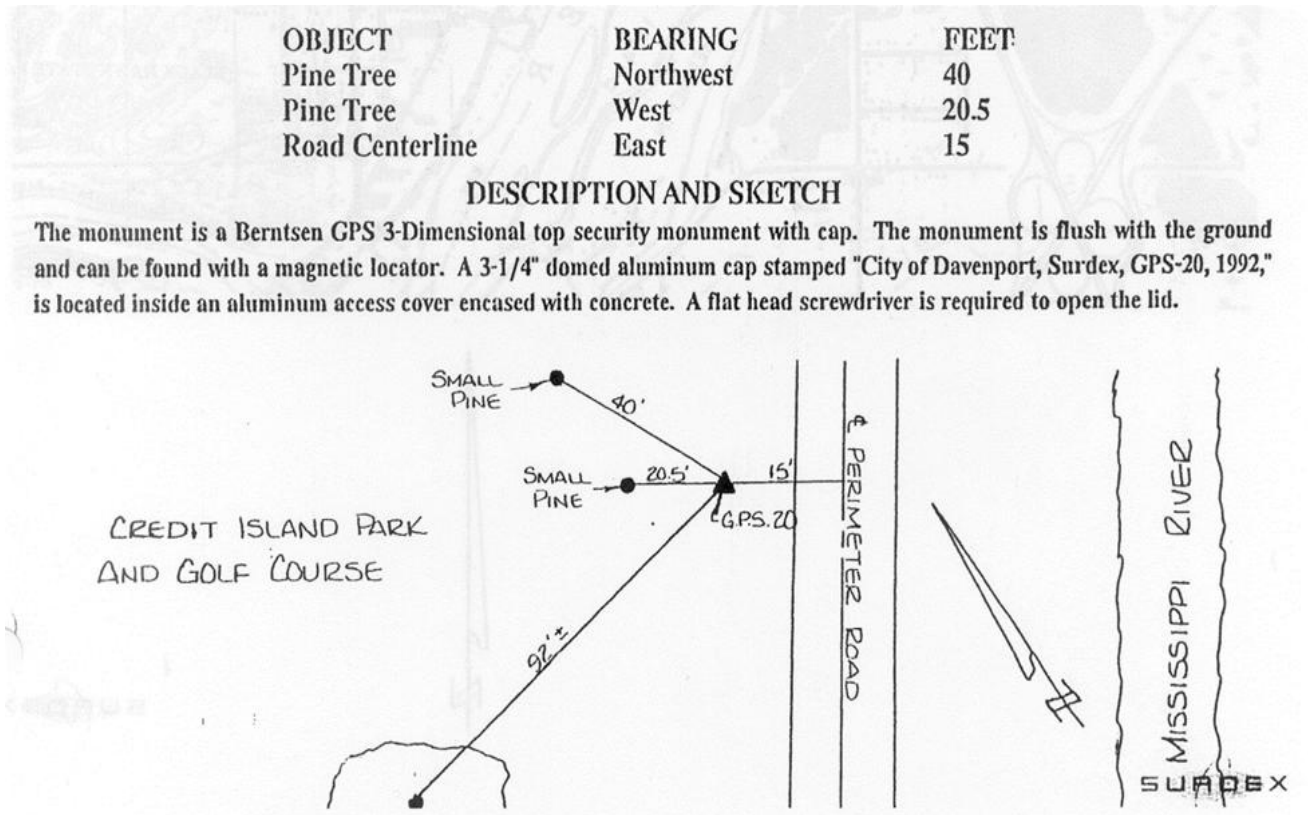
Designation: City of Davenport, Surdex, GPS-20, (Set by Surdex in 1992)

NAD 83(NA2011) Latitude: **N41°29'40.27731"** Longitude: **W90°36'40.48958"**
NAVD 88 Ortho Height: **555.720sft** Ellip. Ht: **447.924sft** Geoid12A

Iowa South Zone (1402) Northing: **557647.928sft** Easting: **2431643.739sft**
Mapping Angle: **1°54'10"** Combination Scale Factor: **0.999940099**

IaRCS Zone 11 Northing: **8053452.415sft** Easting: **21478654.158sft**
Mapping Angle: **-0°03'06"** Combination Scale Factor: **1.0000061465**

Monument Type: Berntsen GPS 3-Dimensional top security monument with a 3-1/4" dia. domed aluminum cap located inside an aluminum access cover.



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **421**

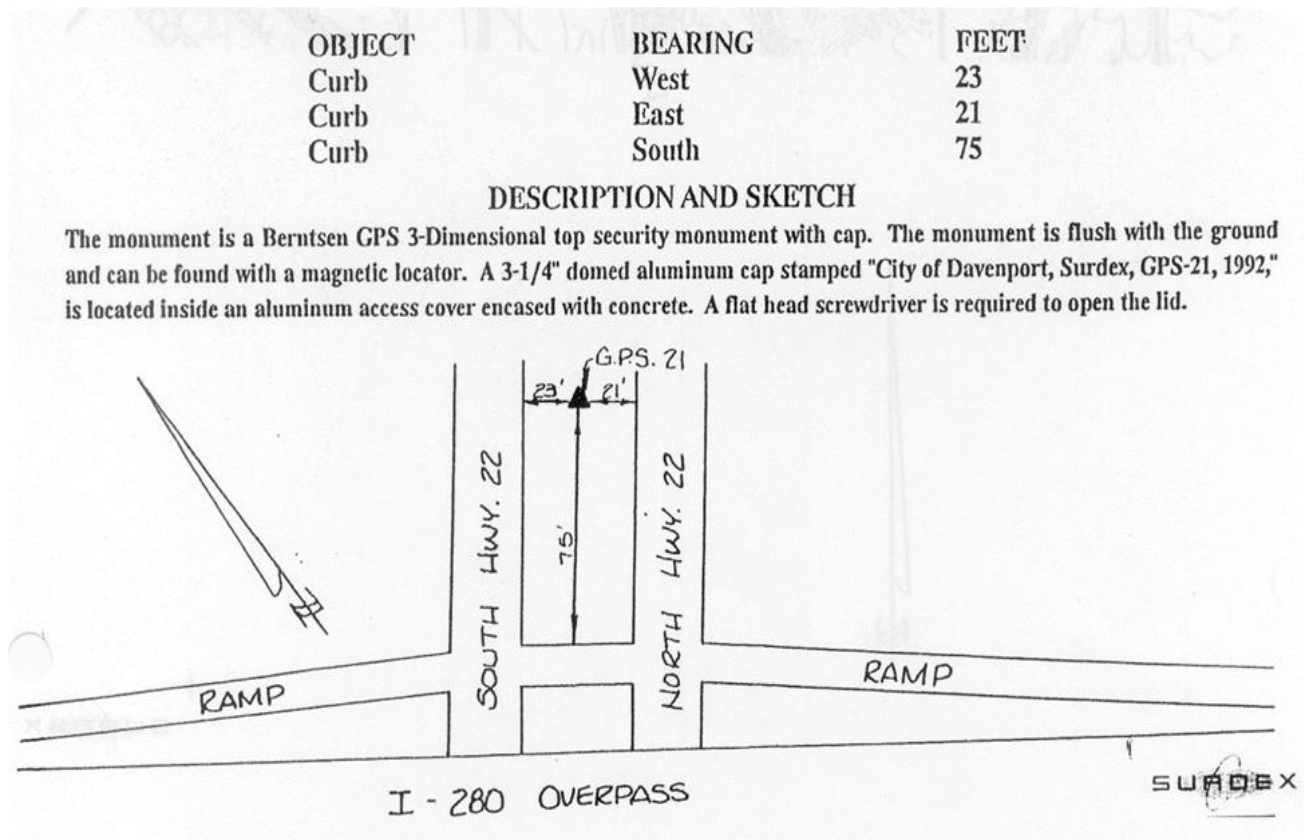
Designation: City of Davenport, Surdex, GPS-21, (Set by Surdex in 1992)

NAD 83(NA2011) Latitude: **N41°29'35.25227"** Longitude: **W90°38'57.26842"**
NAVD 88 Ortho Height: **613.710sft** Ellip. Ht: **505.936sft** Geoid12A

Iowa South Zone (1402) Northing: **556796.266sft** Easting: **2421257.597sft**
Mapping Angle: **1°52'40"** Combination Scale Factor: **0.999937207**

IaRCS Zone 11 Northing: **8052955.447sft** Easting: **21468244.320sft**
Mapping Angle: **-0°04'36"** Combination Scale Factor: **1.0000040100**

Monument Type: Berntsen GPS 3-Dimensional top security monument with a 3-1/4" dia. domed aluminum cap located inside an aluminum access cover.



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **422 (Destroyed)**

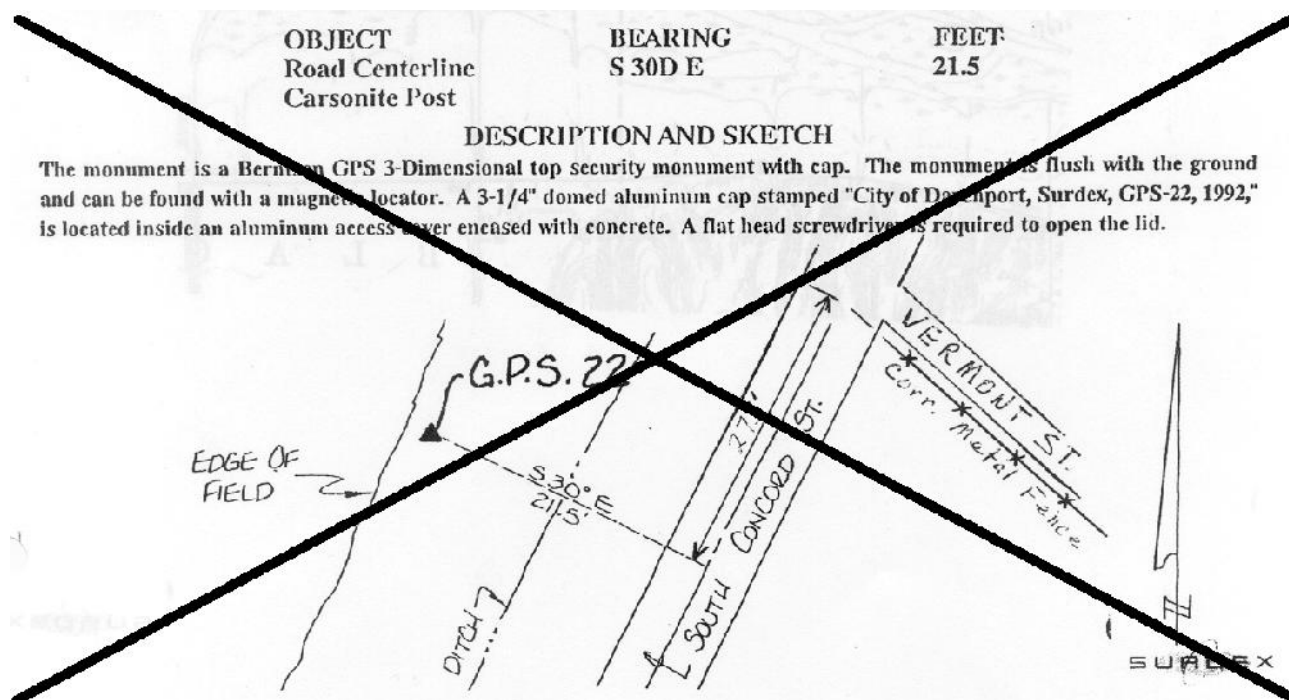
Designation: City of Davenport, Surdex, GPS-22, (Set by Surdex in 1992)

NAD 83(NA2011) Latitude: **N41°28'06.03608"** Longitude: **W90°39'36.48413"**
NAVD 88 Ortho Height: **556.450sft** Ellip. Ht: **448.636sft** Geoid **12A**

~~Iowa South Zone (1402) Northing: 547673.673sft Easting: 2418569.685sft
Mapping Angle: 1°52'14" Combination Scale Factor: 0.999937832~~

~~IaRCS Zone 11 Northing: 8043929.226sft Easting: 21465246.618sft
Mapping Angle: 0°05'02" Combination Scale Factor: 1.0000069720~~

Monument Type: Berntsen GPS 3-Dimensional top security monument with a 3-1/4" dia. domed aluminum cap located inside an aluminum access cover.



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **510 (Destroyed)**

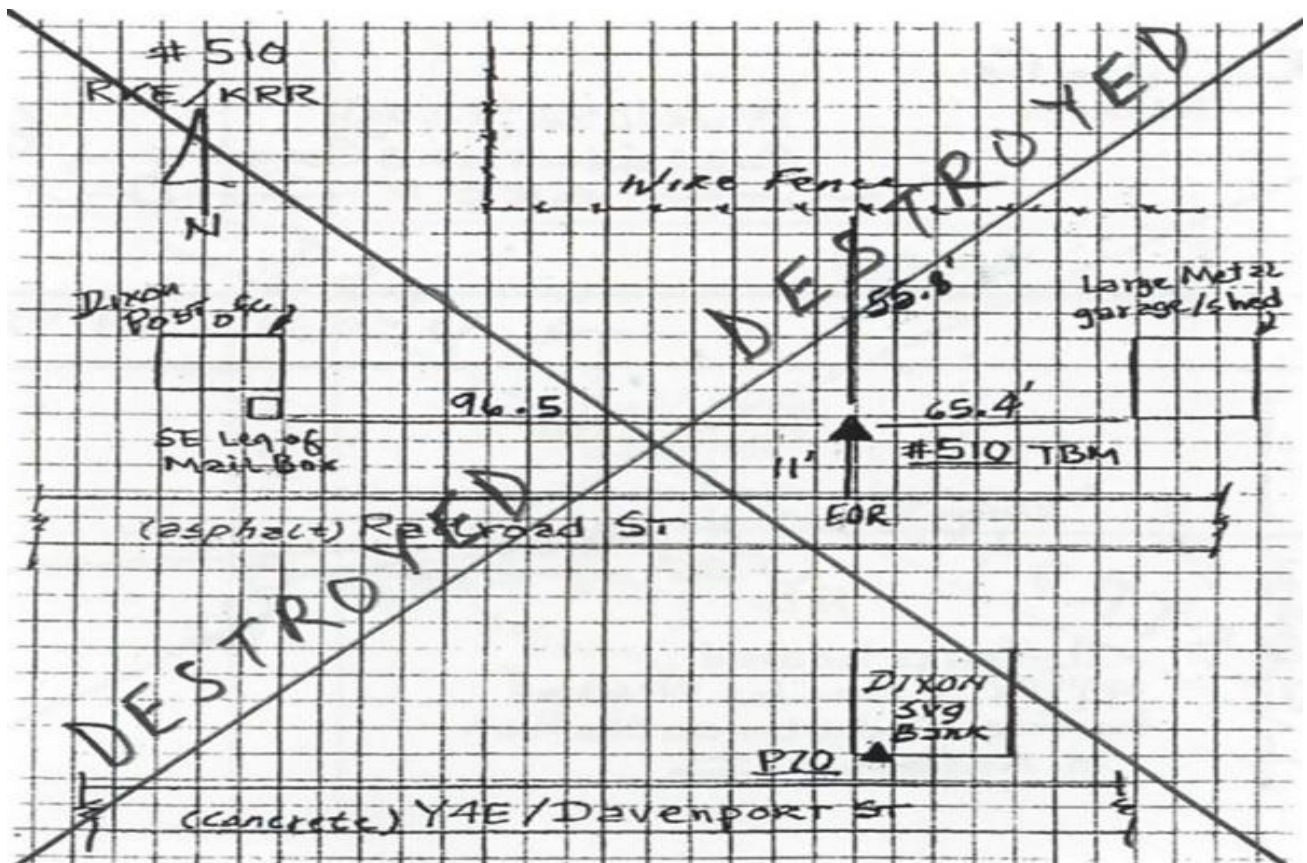
Designation: TBM set near "P 70" (PID: MG0337) NGS 2nd order vert control station.

NAD 83(NA2011) Latitude: **41°44'33.58969"N** Longitude: **90°46'49.94946"W**
NAVD 88 Ortho Height: **670.320sft** Ellip. Ht: **563.325sft** Geoid12A

~~Iowa South Zone (1402) Northing: 646526.940sft Easting: 2382463.324sft~~
~~Mapping Angle: 1°47'29" Combination Scale Factor: 0.999966150~~

~~IaRCS Zone 11 Northing: N/Asft Easting: N/Asft~~
~~Mapping Angle: N/A Combination Scale Factor: N/A~~

Monument Type: 5/8" x 30" long deformed rebar with a red survey cap driven flush with the ground surface.



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **511**

Designation: CBN 2nd order vert station. PID: AF9290 Designation: ROC92 3A

NAD 83(NA2011) Latitude: **N41°26'16.50167"** Longitude: **W90°46'07.62722"**
NAVD 88 Ortho Height: **555.020sft** Ellip. Ht: **447.147sft** Geoid12A

Iowa South Zone (1402) Northing: **535639.545sft** Easting: **2389156.229sft**
Mapping Angle: **1°47'57"** Combination Scale Factor: **0.999935569**

IaRCS Zone 11 Northing: **8032904.603sft** Easting: **21435437.654sft**
Mapping Angle: **-0°09'21"** Combination Scale Factor: **1.0000104262**

Monument Type: Stainless steel rod in sleeve (10ft +) recessed 5 centimeters and stamped "ROC92-3A".



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**

Iowa State Plane South Zone (1402)

Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport

US Survey Feet

2015

Point Name: **512 (Destroyed)**

Designation: CBN horiz control station. PID: MG0753 Designation: SCHUMAKER 2

~~NAD 83(NA2011) Latitude: **41°35'24.07162"N** Longitude: **90°41'14.26260"W**~~

~~NAVD 88 Ortho Height: **760.222sft** Ellip. Ht: **652.884sft** Geoid**12A**~~

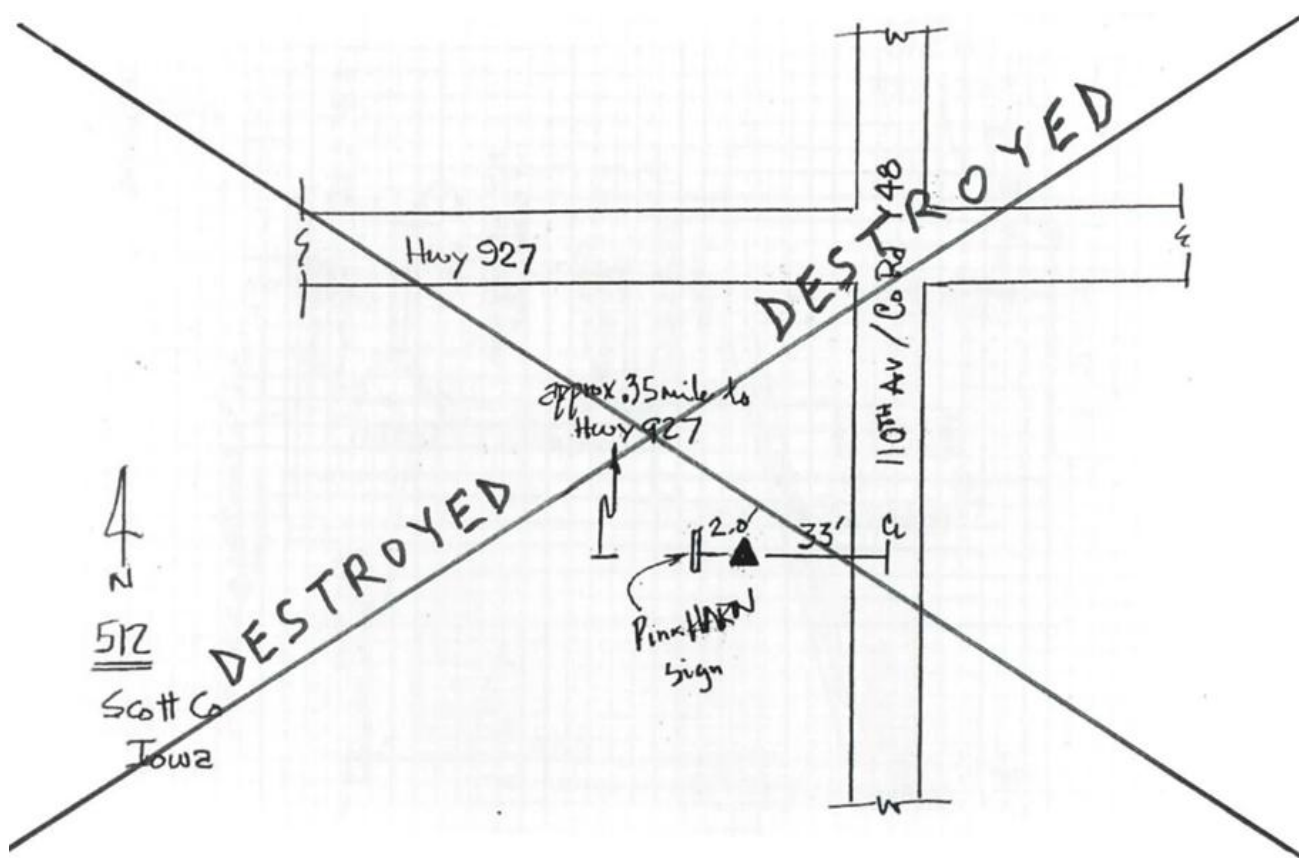
~~Iowa South Zone (1402) Northing: **591743.980sft** Easting: **2409696.590sft**~~

~~Mapping Angle: **1°51'10"** Combination Scale Factor: **0.999940240**~~

~~IaRCS Zone 11 Northing: **N/A**sft Easting: **N/A**sft~~

~~Mapping Angle: **N/A** Combination Scale Factor: **N/A**~~

Monument Type: The station is a CGS triangulation disk stamped "Schumaker 2 1958" and set in the top of a square concrete monument.



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**

Iowa State Plane South Zone (1402)

Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport

US Survey Feet

2015

Point Name: **513 (Destroyed)**

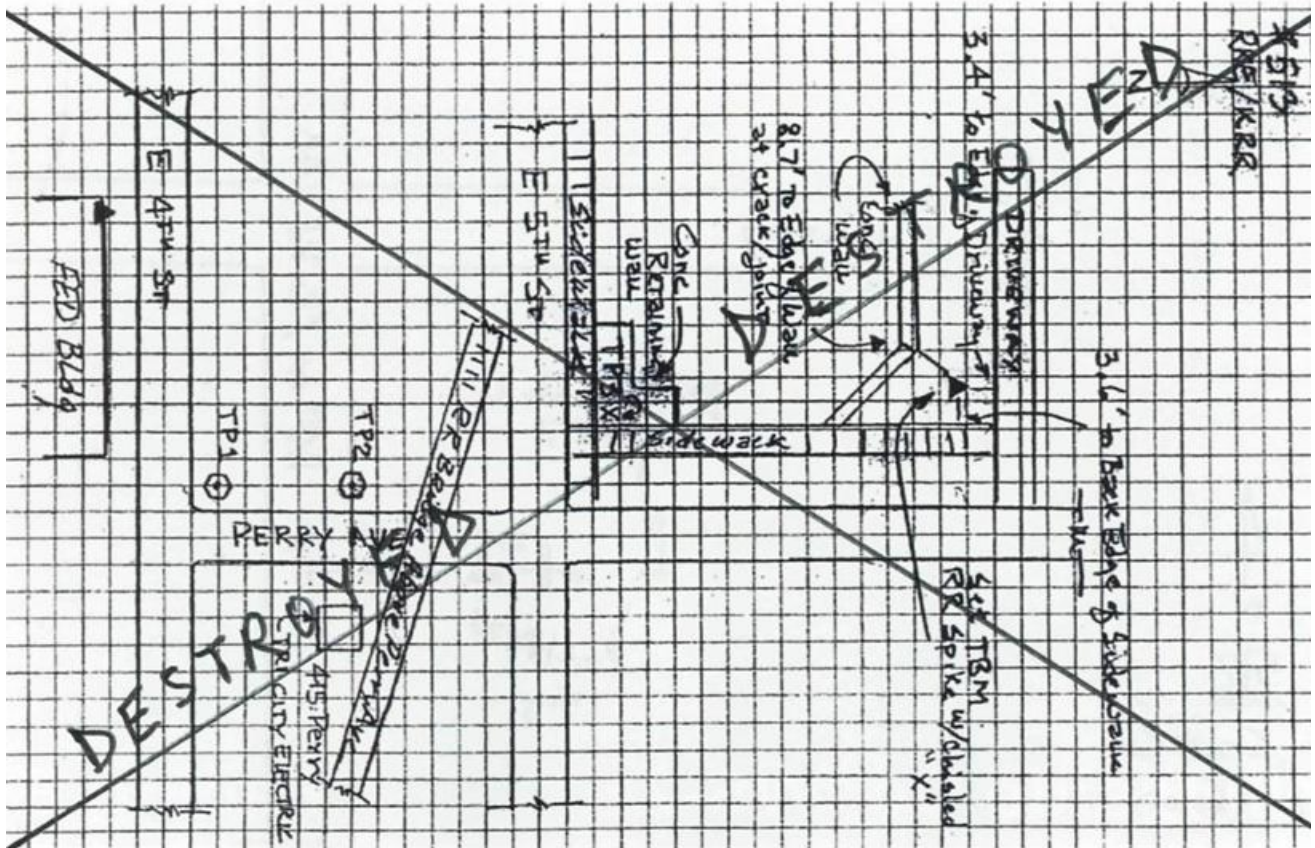
Designation: TBM near "DAVENPORT" (PID: MG0321) NGS 2nd order vert station.

NAD 83(NA2011) Latitude: **41°31'29.99867"N** Longitude: **90°34'22.00099"W**
NAVD 88 Ortho Height: **598.710sft** Ellip. Ht: **491.306sft** Geoid**12A**

~~Iowa South Zone (1402)~~ Northing: **569099.167sft** Easting: **2441802.777sft**
Mapping Angle: **1°55'41"** Combination Scale Factor: **0.999940890**

~~IaRCS Zone 11~~ Northing: **N/Asft** Easting: **N/Asft**
Mapping Angle: **N/A** Combination Scale Factor: **N/A**

Monument Type: The TBM is a railroad spike w/chised "x" driven flush with the ground surface.



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **601**

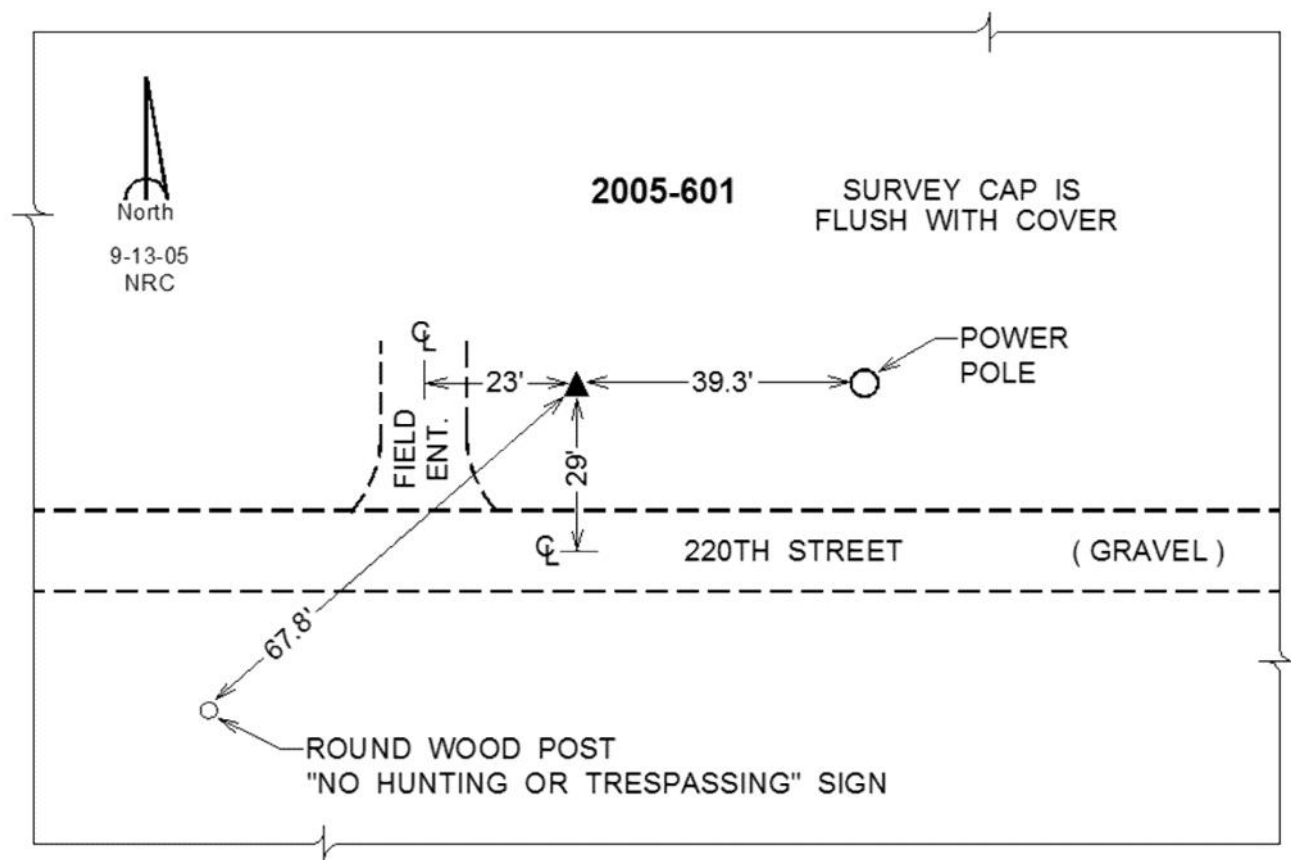
Designation: 2005-001 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°46'17.85641"** Longitude: **W90°54'18.42184"**
NAVD 88 Ortho Height: **757.560sft** Ellip. Ht: **650.376sft** Geoid12A

Iowa South Zone (1402) Northing: **656037.819sft** Easting: **2348166.438sft**
Mapping Angle: **1°42'33"** Combination Scale Factor: **0.999966909**

laRCS Zone 11 Northing: **8154639.015sft** Easting: **21398578.533sft**
Mapping Angle: **-0°14'52"** Combination Scale Factor: **1.0000077199**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **602**

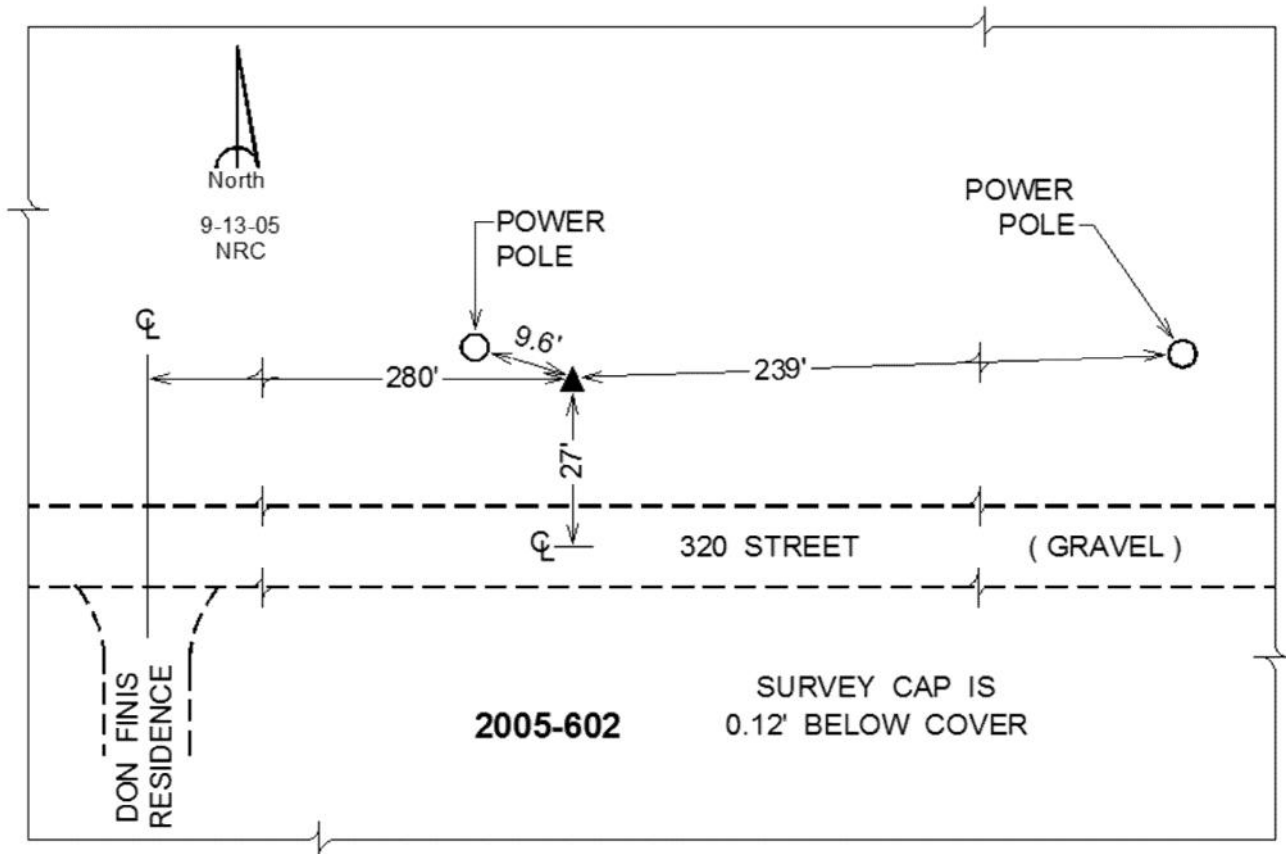
Designation: 2005-002 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°46'17.80072"** Longitude: **W90°50'31.66767"**
NAVD 88 Ortho Height: **706.440sft** Ellip. Ht: **599.177sft** Geoid12A

Iowa South Zone (1402) Northing: **656550.908sft** Easting: **2365340.995sft**
Mapping Angle: **1°45'03"** Combination Scale Factor: **0.999969349**

laRCS Zone 11 Northing: **8154565.394sft** Easting: **21415761.264sft**
Mapping Angle: **-0°12'21"** Combination Scale Factor: **1.0000065176**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa
 Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
 Iowa State Plane South Zone (1402)
 Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
 US Survey Feet
2015

Point Name: **603**

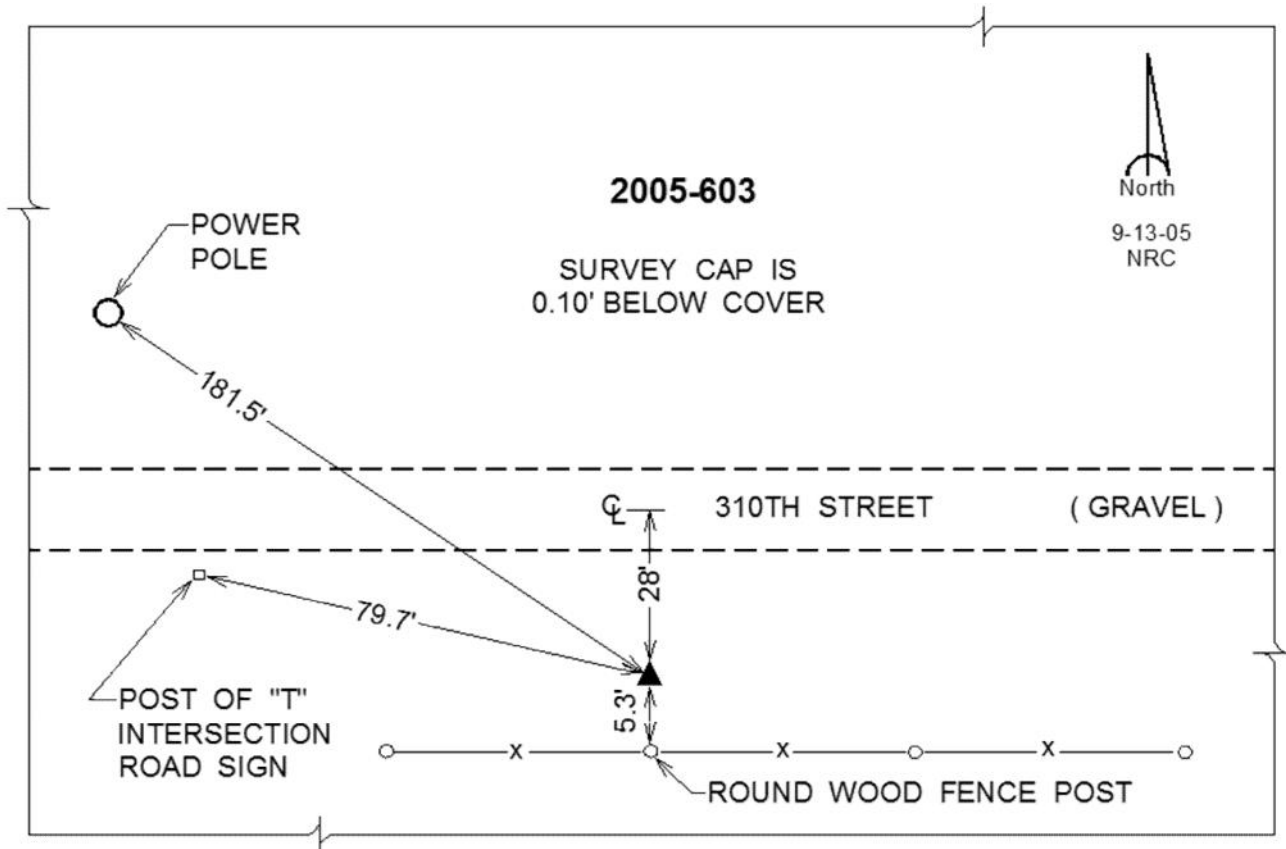
Designation: 2005-003 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°45'22.92104"** Longitude: **W90°47'22.36295"**
 NAVD 88 Ortho Height: **742.580sft** Ellip. Ht: **635.221sft** **Geoid12A**

Iowa South Zone (1402) Northing: **651441.191sft** Easting: **2379851.736sft**
 Mapping Angle: **1°47'07"** Combination Scale Factor: **0.999965013**

IaRCS Zone 11 Northing: **8148963.108sft** Easting: **21430089.655sft**
 Mapping Angle: **-0°10'14"** Combination Scale Factor: **1.000022739**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **604**

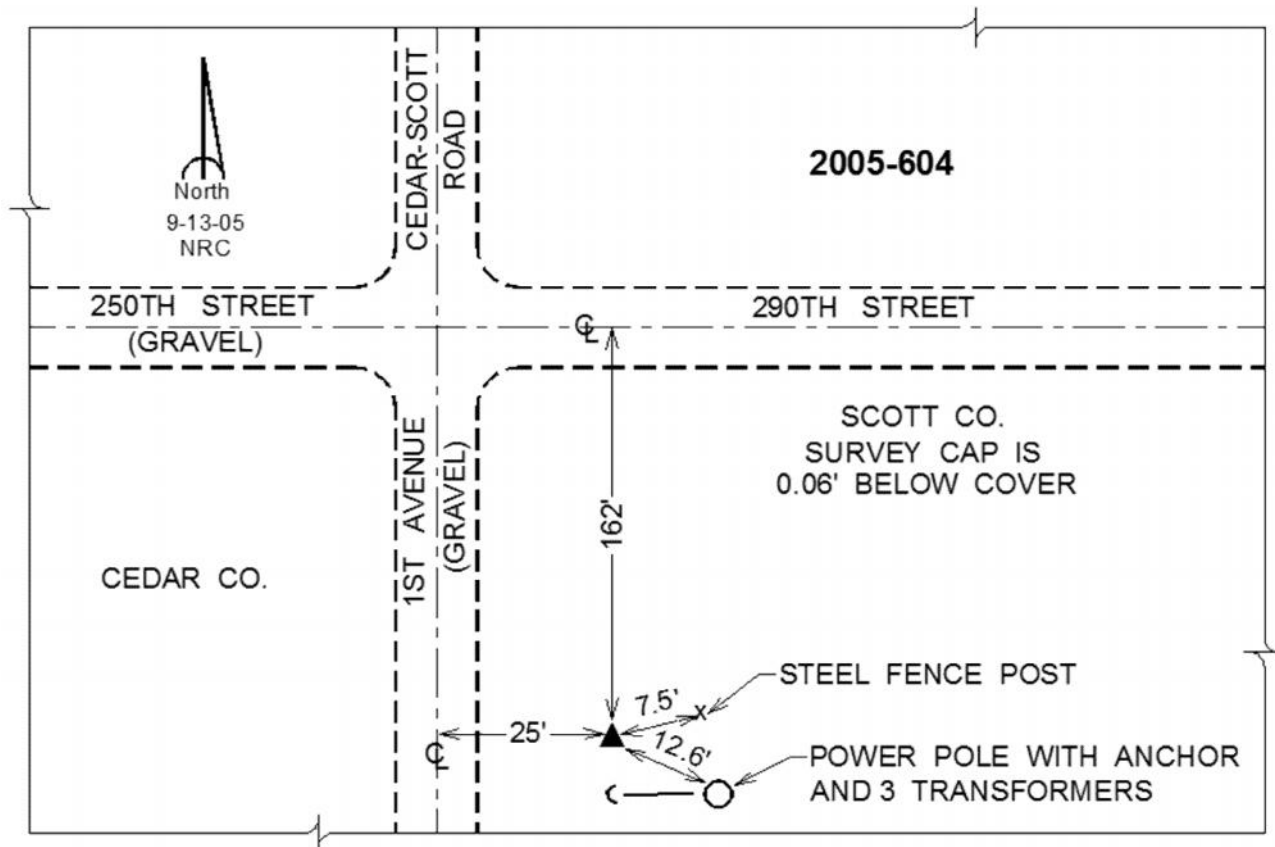
Designation: 2005-004 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°43'38.65268"** Longitude: **W90°53'55.12091"**
NAVD 88 Ortho Height: **797.780sft** Ellip. Ht: **690.529sft** Geoid12A

Iowa South Zone (1402) Northing: **639983.026sft** Easting: **2350413.133sft**
Mapping Angle: **1°42'49"** Combination Scale Factor: **0.999957599**

laRCS Zone 11 Northing: **8138516.154sft** Easting: **21400275.789sft**
Mapping Angle: **-0°14'35"** Combination Scale Factor: **1.0000054139**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **605**

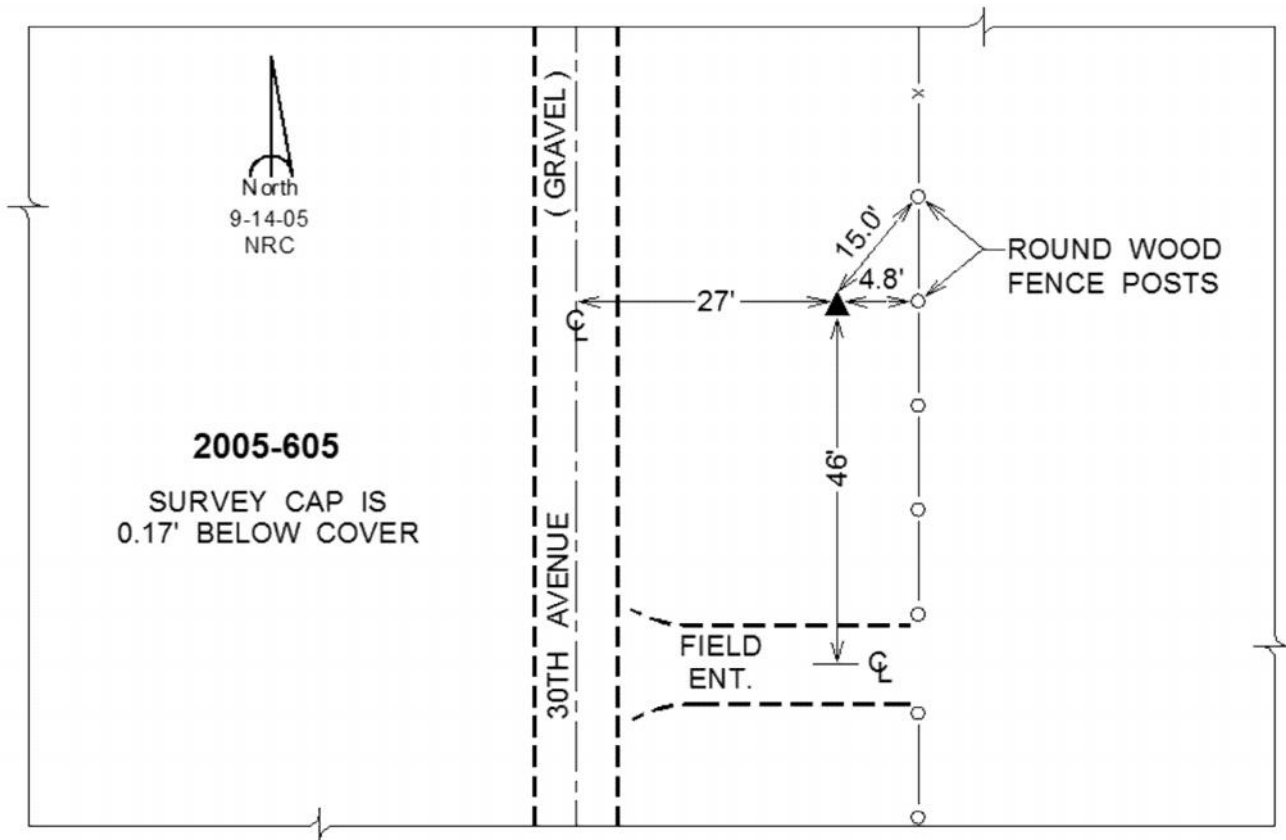
Designation: 2005-005 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°43'46.13556"** Longitude: **W90°50'25.81909"**
NAVD 88 Ortho Height: **775.510sft** Ellip. Ht: **668.190sft** Geoid12A

Iowa South Zone (1402) Northing: **641219.953sft** Easting: **2366253.264sft**
Mapping Angle: **1°45'07"** Combination Scale Factor: **0.999958999**

IaRCS Zone 11 Northing: **8139211.606sft** Easting: **21416149.644sft**
Mapping Angle: **-0°12'16"** Combination Scale Factor: **1.0000031500**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **606**

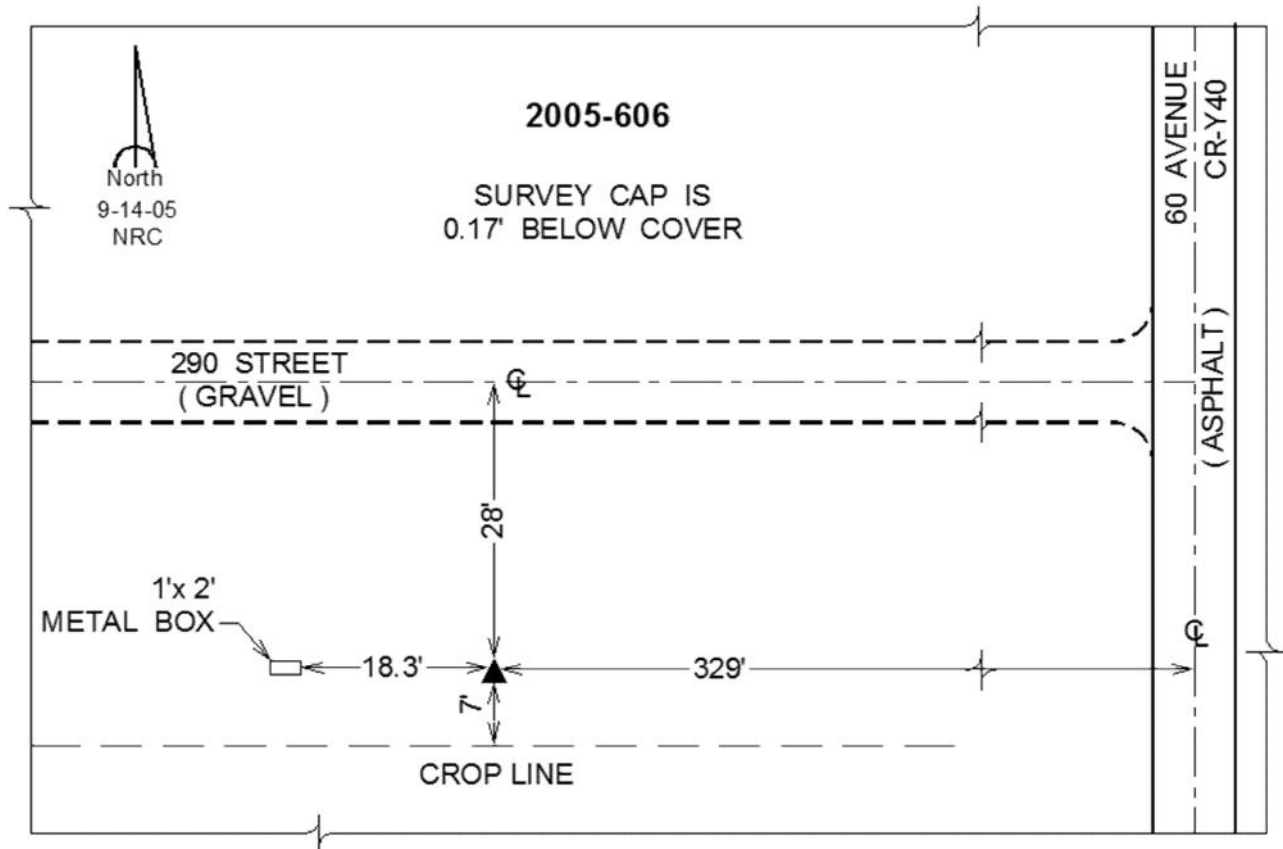
Designation: 2005-006 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°43'38.24928"** Longitude: **W90°47'01.06233"**
NAVD 88 Ortho Height: **719.850sft** Ellip. Ht: **612.426sft** Geoid**12A**

Iowa South Zone (1402) Northing: **640901.779sft** Easting: **2381796.189sft**
Mapping Angle: **1°47'21"** Combination Scale Factor: **0.999961308**

IaRCS Zone 11 Northing: **8138363.052sft** Easting: **21431673.318sft**
Mapping Angle: **-0°10'00"** Combination Scale Factor: **1.0000031114**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



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Scott County, Iowa
 Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
 Iowa State Plane South Zone (1402)
 Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
 US Survey Feet
2015

Point Name: **607**

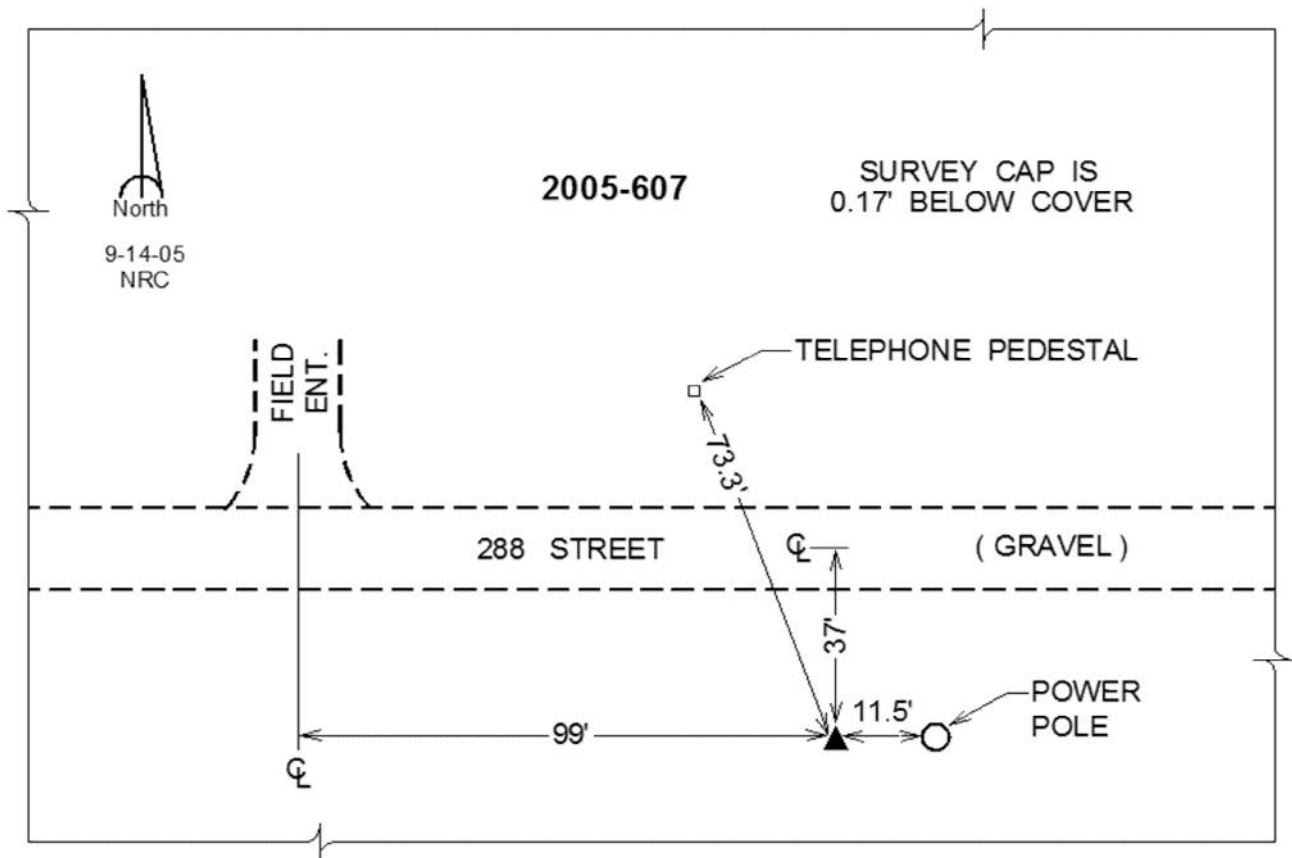
Designation: 2005-007 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°43'25.01785"** Longitude: **W90°43'39.51235"**
 NAVD 88 Ortho Height: **645.270sft** Ellip. Ht: **537.759sft** Geoid12A

Iowa South Zone (1402) Northing: **640045.276sft** Easting: **2397114.038sft**
 Mapping Angle: **1°49'34"** Combination Scale Factor: **0.999964283**

IaRCS Zone 11 Northing: **8136984.249sft** Easting: **21446953.642sft**
 Mapping Angle: **-0°07'46"** Combination Scale Factor: **1.0000045549**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **608**

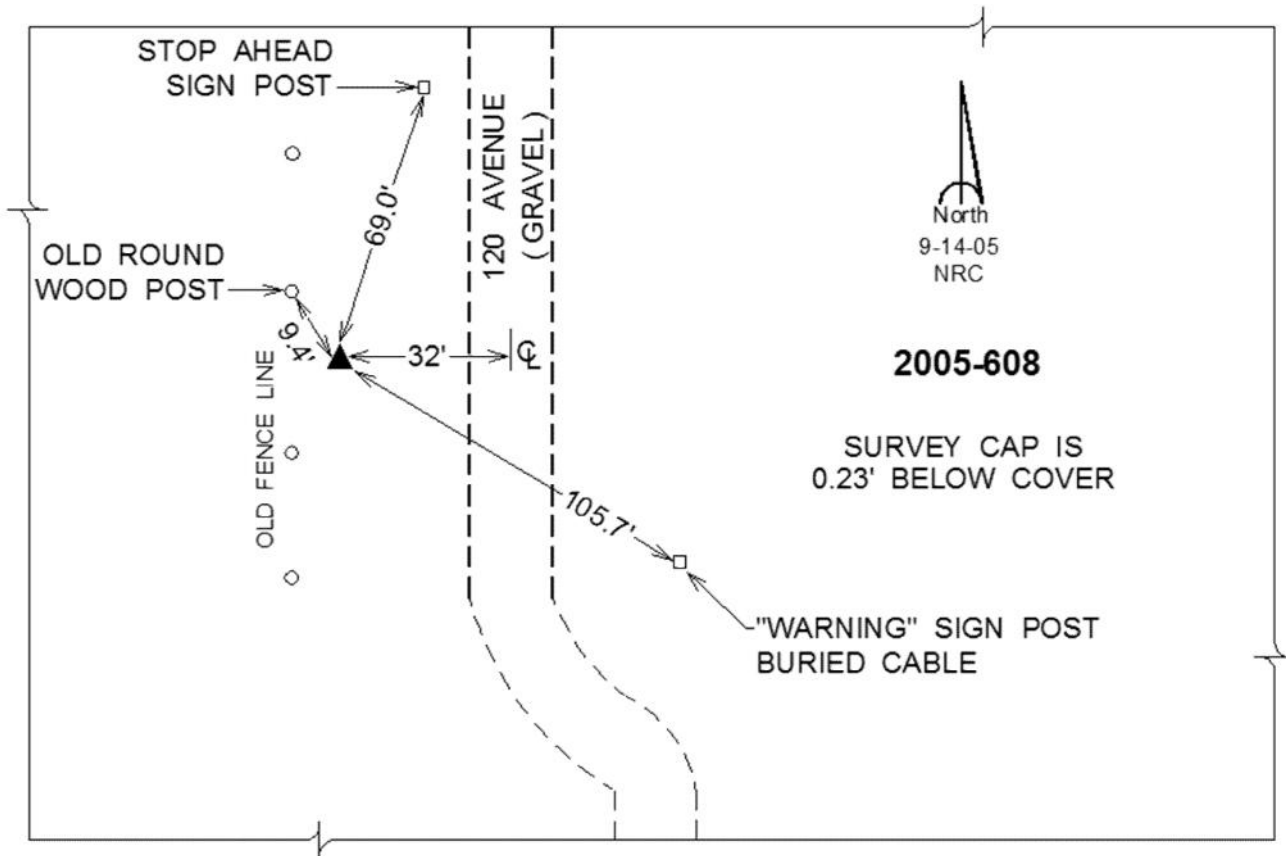
Designation: 2005-008 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°43'45.17373"** Longitude: **W90°39'55.84276"**
NAVD 88 Ortho Height: **710.280sft** Ellip. Ht: **602.705sft** Geoid12A

Iowa South Zone (1402) Northing: **642630.921sft** Easting: **2413999.738sft**
Mapping Angle: **1°52'01"** Combination Scale Factor: **0.999962081**

IaRCS Zone 11 Northing: **8138992.339sft** Easting: **21463918.391sft**
Mapping Angle: **-0°05'17"** Combination Scale Factor: **0.9999997281**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **609 (Reset 8-18-15 by DCI)**

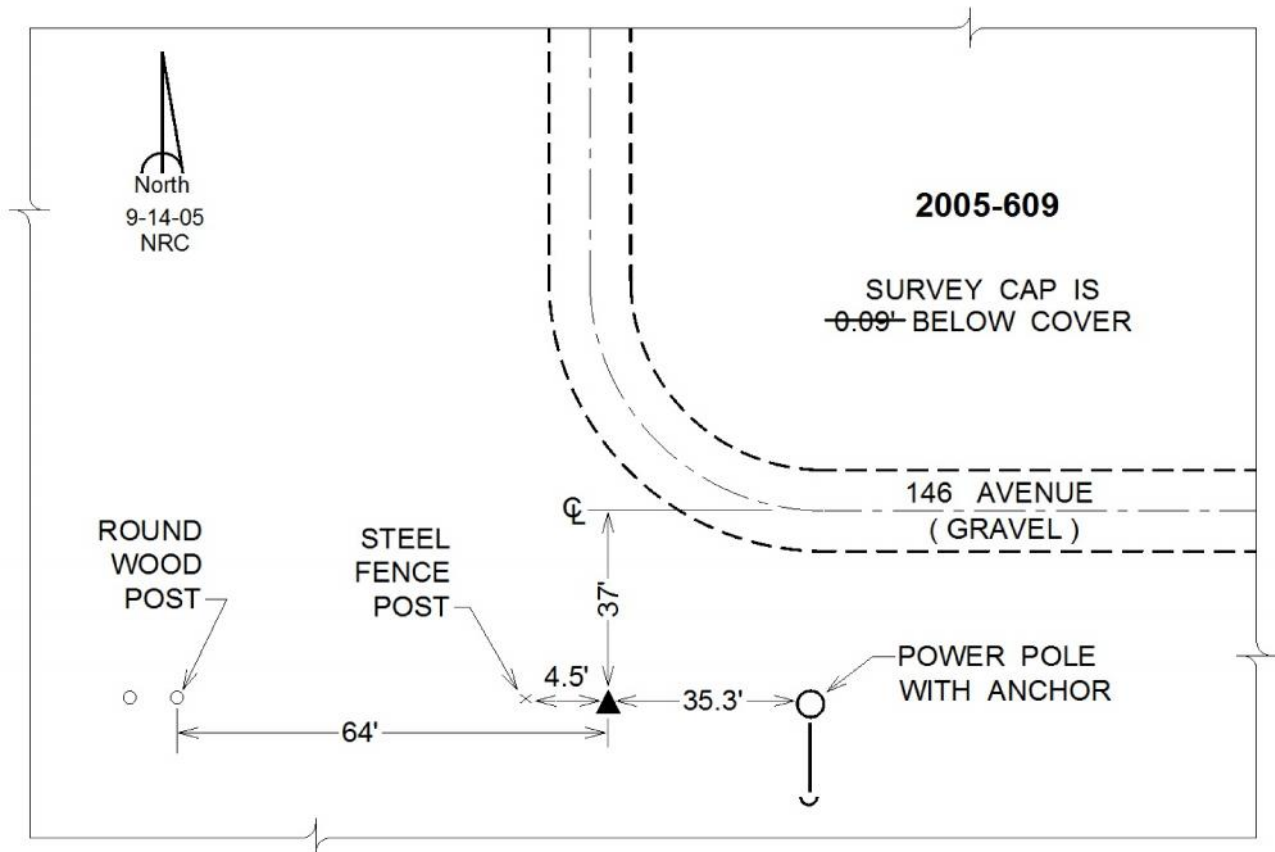
Designation: 2005-009 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°44'44.98509"** Longitude: **W90°37'00.11893"**
NAVD 88 Ortho Height: **680.471sft** Ellip. Ht: **572.841sft** Geoid12A

Iowa South Zone (1402) Northing: **649119.571sft** Easting: **2427115.981sft**
Mapping Angle: **1°53'57"** Combination Scale Factor: **0.999966223**

laRCS Zone 11 Northing: **8145029.997sft** Easting: **21477248.823sft**
Mapping Angle: **-0°03'20"** Combination Scale Factor: **1.000002570**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **610 (Reset 8-18-15 by DCI)**

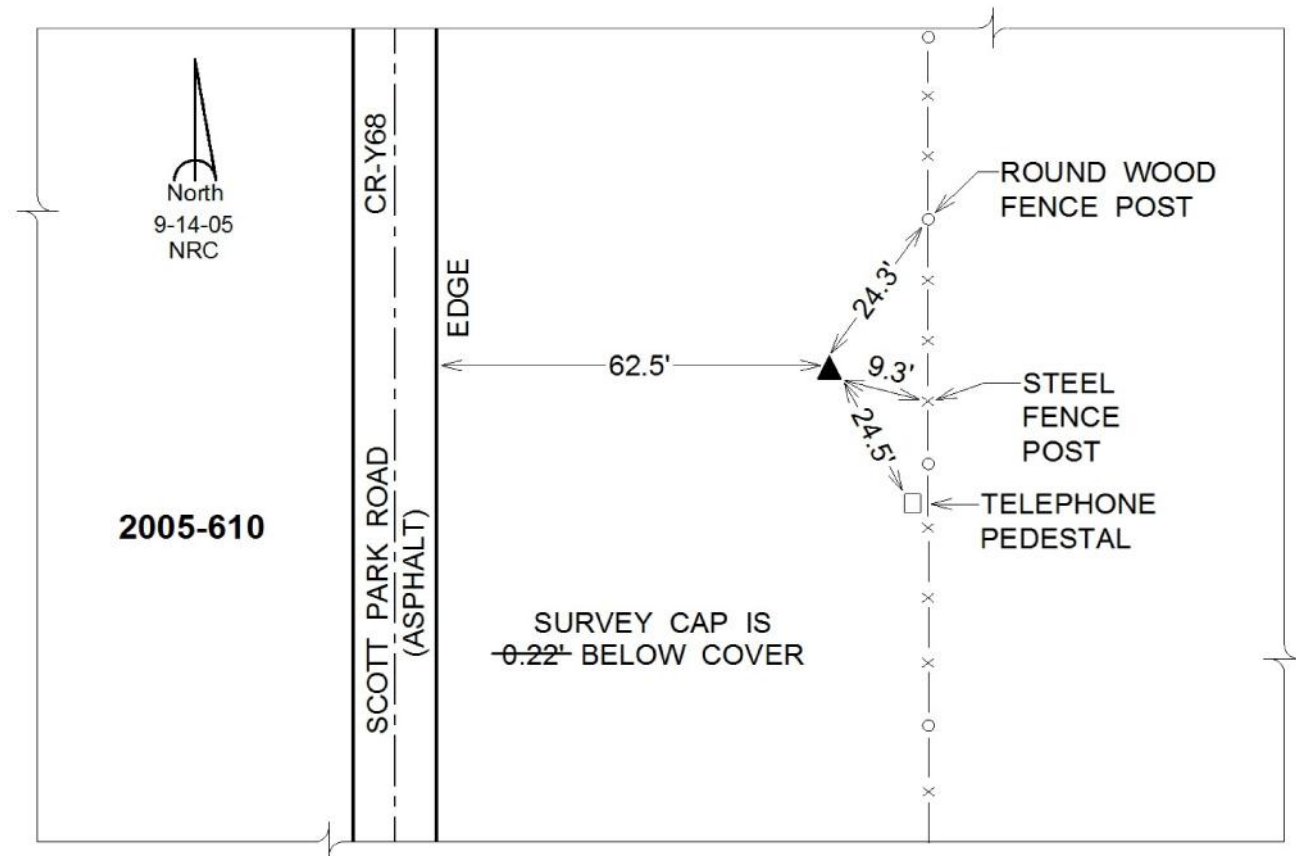
Designation: 2005-010 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°44'36.36589"** Longitude: **W90°32'14.96506"**
NAVD 88 Ortho Height: **673.441sft** Ellip. Ht: **565.670sft** Geoid12A

Iowa South Zone (1402) Northing: **648973.866sft** Easting: **2448749.479sft**
Mapping Angle: **1°57'05"** Combination Scale Factor: **0.999966168**

laRCS Zone 11 Northing: **8144146.534sft** Easting: **21498865.499sft**
Mapping Angle: **-0°00'10"** Combination Scale Factor: **1.000000092**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **611**

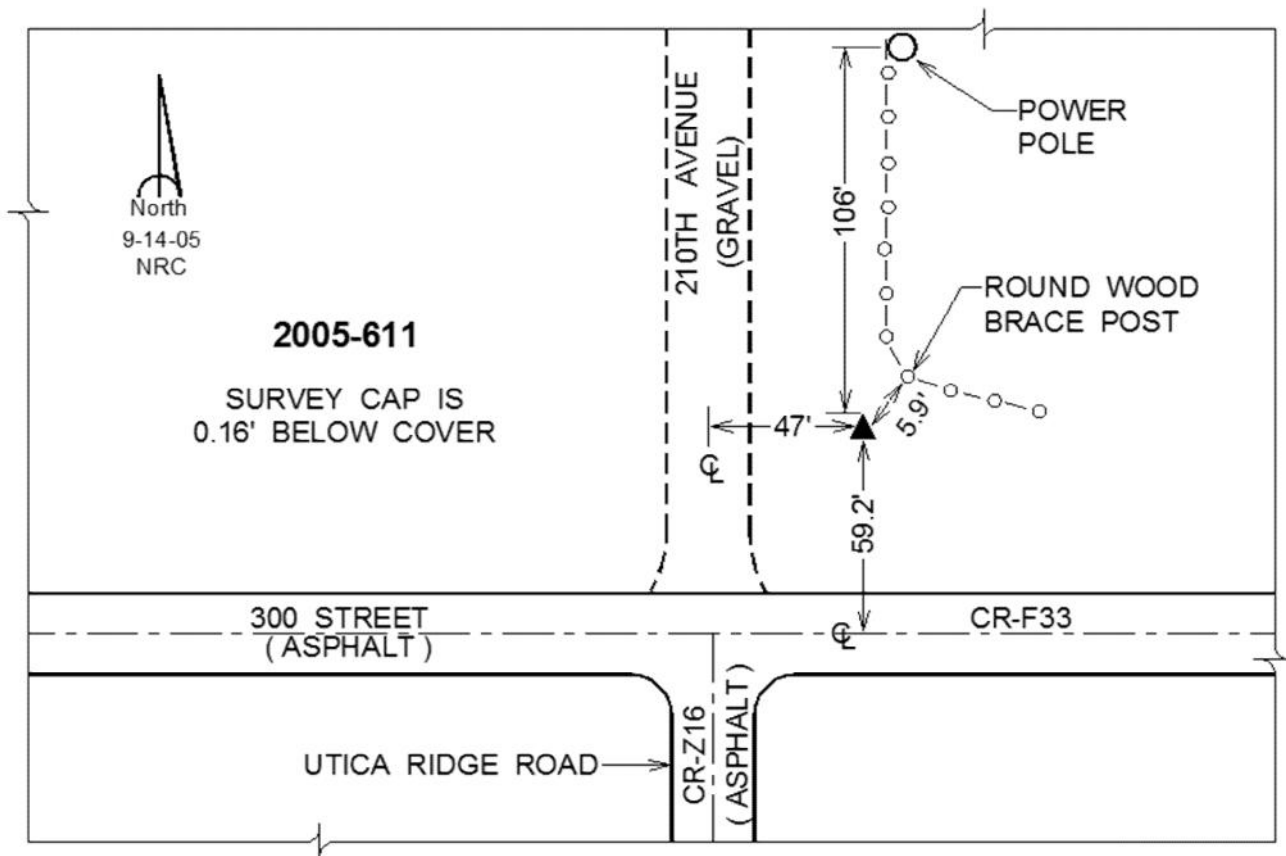
Designation: 2005-011 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°44'33.48259"** Longitude: **W90°29'25.82157"**
NAVD 88 Ortho Height: **613.340sft** Ellip. Ht: **505.467sft** Geoid12A

Iowa South Zone (1402) Northing: **649122.277sft** Easting: **2461574.356sft**
Mapping Angle: **1°58'56"** Combination Scale Factor: **0.999968908**

IaRCS Zone 11 Northing: **8143857.555sft** Easting: **21511688.414sft**
Mapping Angle: **0°01'43"** Combination Scale Factor: **1.0000030365**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **612**

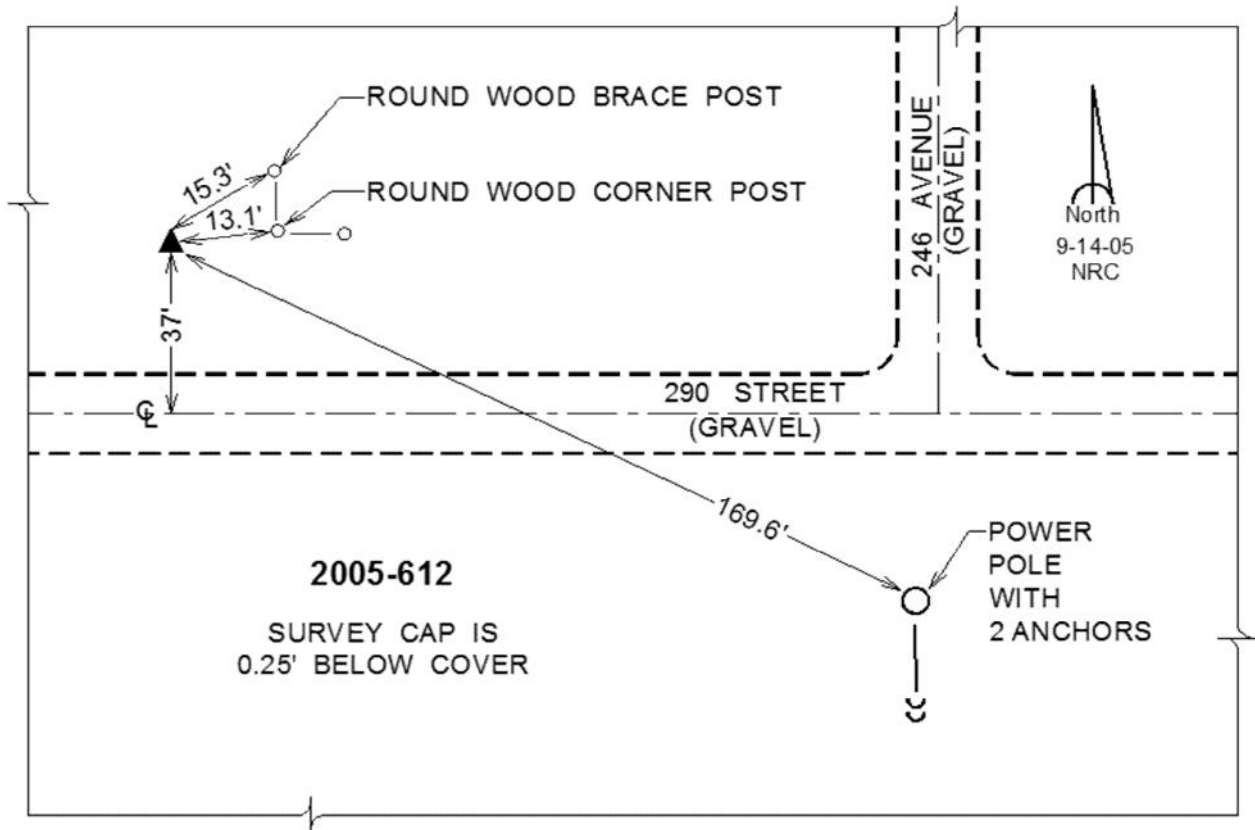
Designation: 2005-012 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°43'42.24840"** Longitude: **W90°25'17.54415"**
NAVD 88 Ortho Height: **609.090sft** Ellip. Ht: **501.048sft** Geoid12A

Iowa South Zone (1402) Northing: **644598.110sft** Easting: **2480567.842sft**
Mapping Angle: **2°01'40"** Combination Scale Factor: **0.999966800**

IaRCS Zone 11 Northing: **8138688.341sft** Easting: **21530517.302sft**
Mapping Angle: **0°04'28"** Combination Scale Factor: **1.0000041554**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **613**

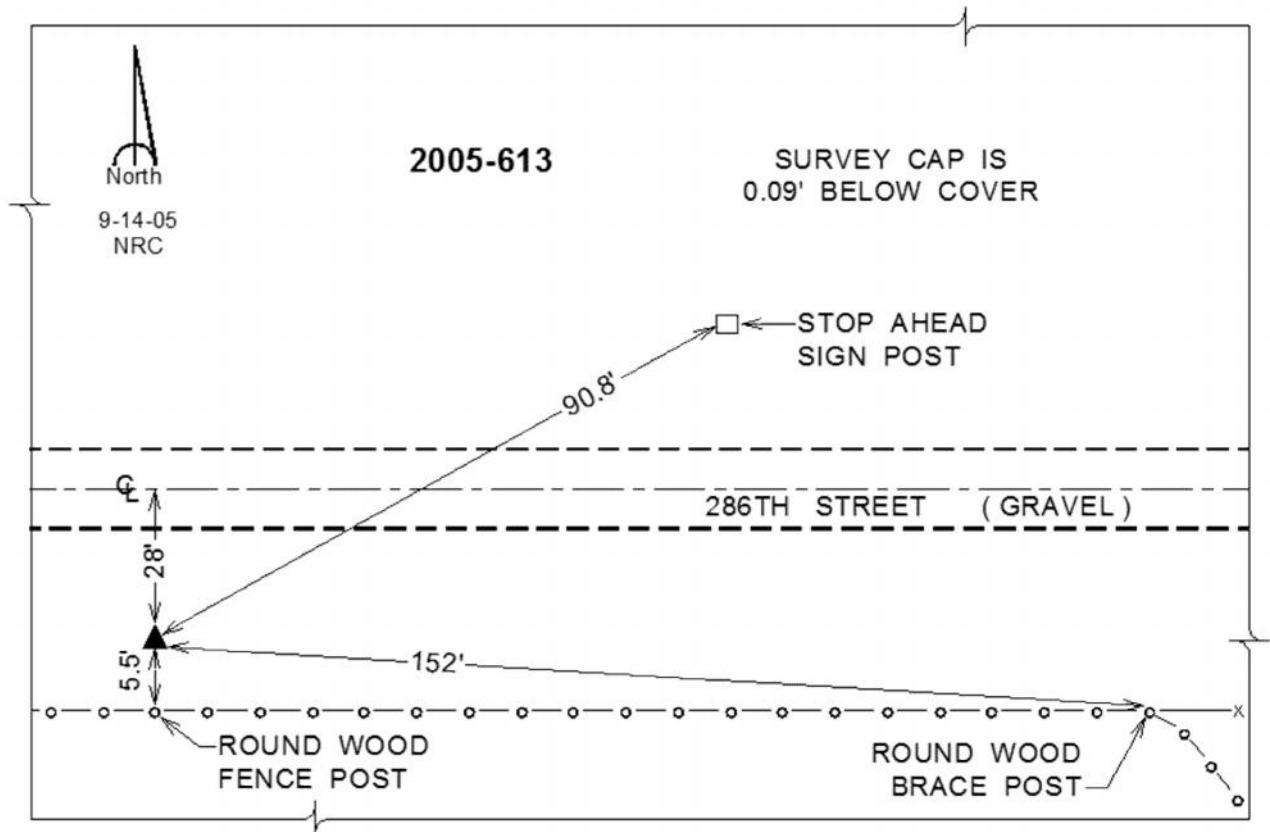
Designation: 2005-013 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°43'22.33492"** Longitude: **W90°21'24.80026"**
NAVD 88 Ortho Height: **592.450sft** Ellip. Ht: **484.243sft** Geoid12A

Iowa South Zone (1402) Northing: **643214.790sft** Easting: **2498277.168sft**
Mapping Angle: **2°04'13"** Combination Scale Factor: **0.999966718**

IaRCS Zone 11 Northing: **8136702.171sft** Easting: **21548169.873sft**
Mapping Angle: **0°07'03"** Combination Scale Factor: **1.0000065445**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



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Scott County, Iowa
Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **614**

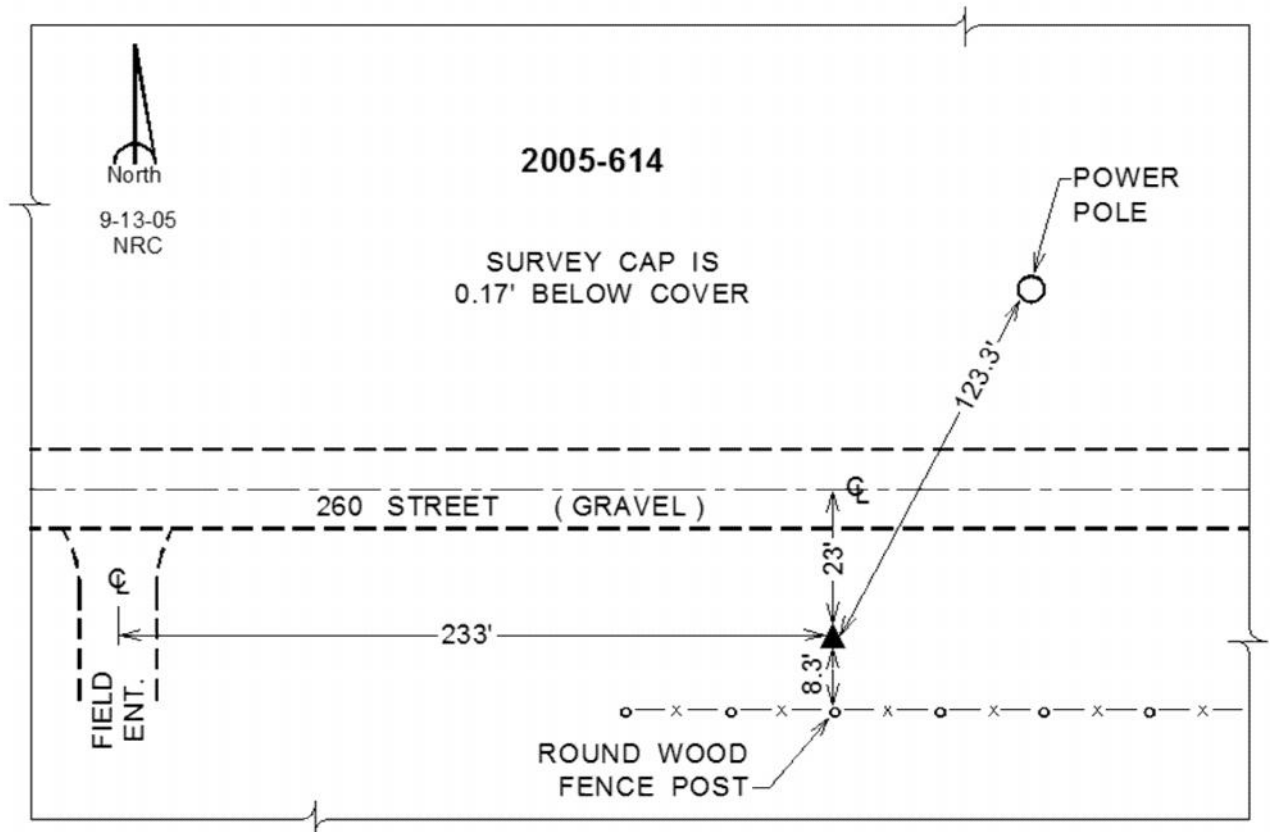
Designation: 2005-014 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°41'02.72196"** Longitude: **W90°53'35.03690"**
NAVD 88 Ortho Height: **776.120sft** Ellip. Ht: **668.767sft** Geoid12A

Iowa South Zone (1402) Northing: **624252.501sft** Easting: **2352408.305sft**
Mapping Angle: **1°43'02"** Combination Scale Factor: **0.999951975**

laRCS Zone 11 Northing: **8122725.875sft** Easting: **21401732.809sft**
Mapping Angle: **-0°14'21"** Combination Scale Factor: **1.0000061227**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **615**

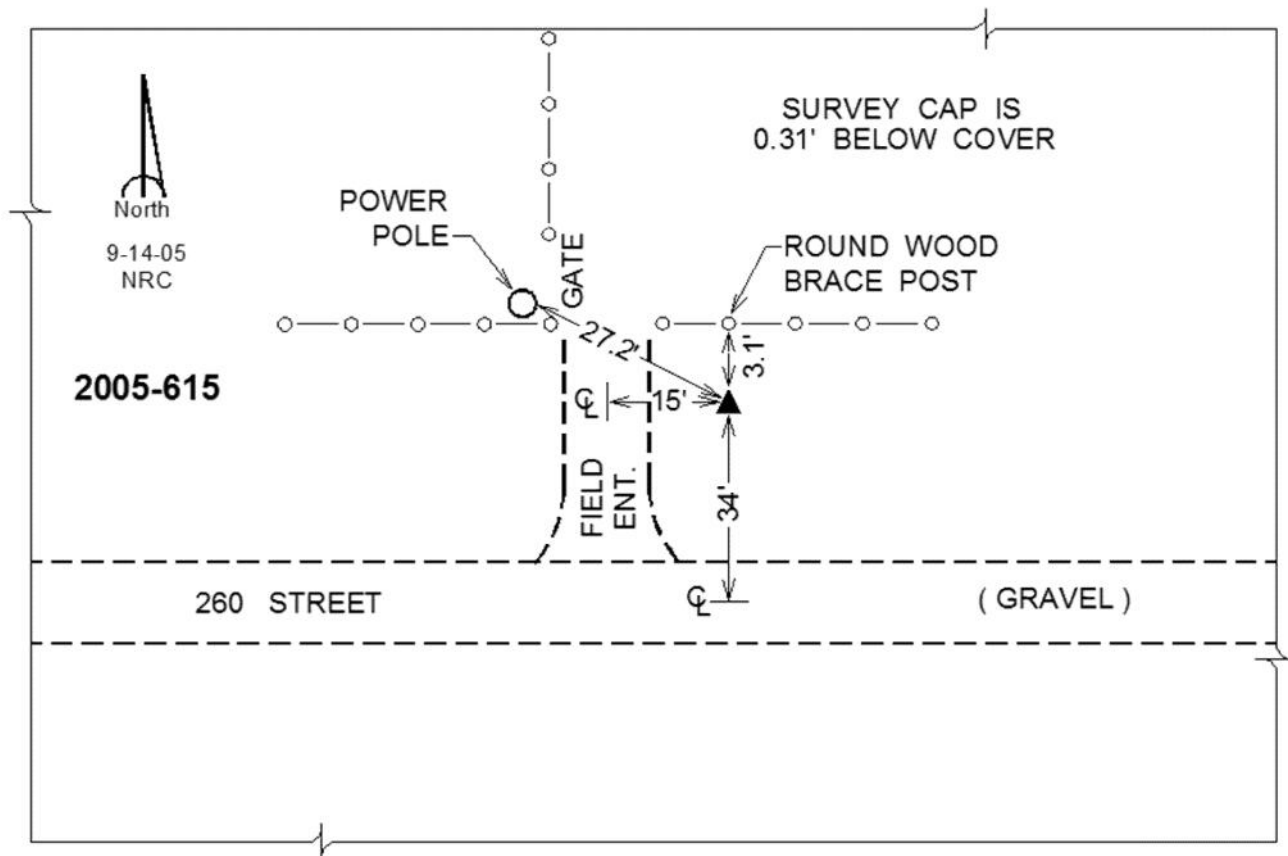
Designation: 2005-015 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°41'02.67181"** Longitude: **W90°50'10.54856"**
NAVD 88 Ortho Height: **783.090sft** Ellip. Ht: **675.658sft** Geoid12A

Iowa South Zone (1402) Northing: **624717.441sft** Easting: **2367917.201sft**
Mapping Angle: **1°45'17"** Combination Scale Factor: **0.999951644**

laRCS Zone 11 Northing: **8122661.126sft** Easting: **21417249.352sft**
Mapping Angle: **-0°12'05"** Combination Scale Factor: **1.0000025842**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **616**

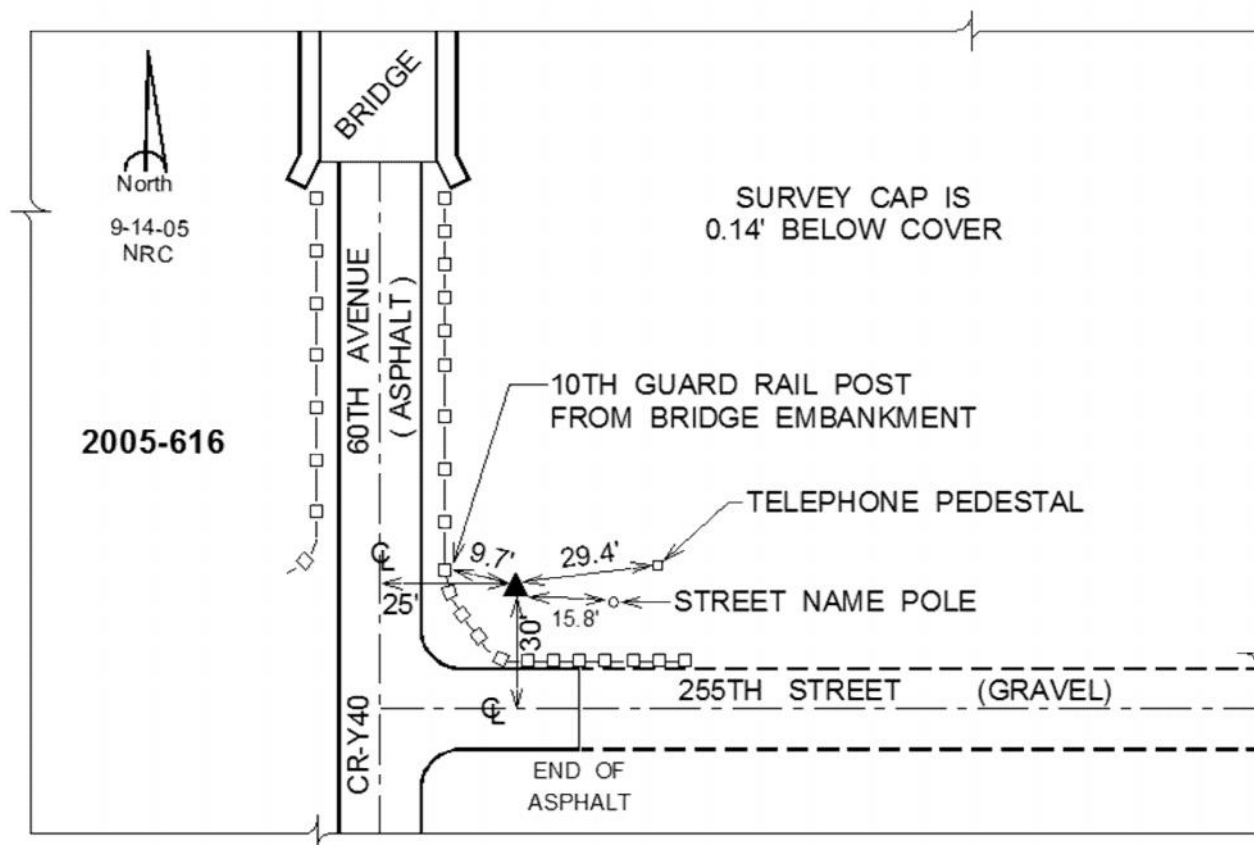
Designation: 2005-016 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°40'35.65424"** Longitude: **W90°46'57.30860"**
NAVD 88 Ortho Height: **670.250sft** Ellip. Ht: **562.722sft** Geoid12A

Iowa South Zone (1402) Northing: **622437.565sft** Easting: **2382657.983sft**
Mapping Angle: **1°47'24"** Combination Scale Factor: **0.999955937**

laRCS Zone 11 Northing: **8119879.337sft** Easting: **21431904.469sft**
Mapping Angle: **-0°09'57"** Combination Scale Factor: **1.0000054470**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
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2015

Point Name: **617**

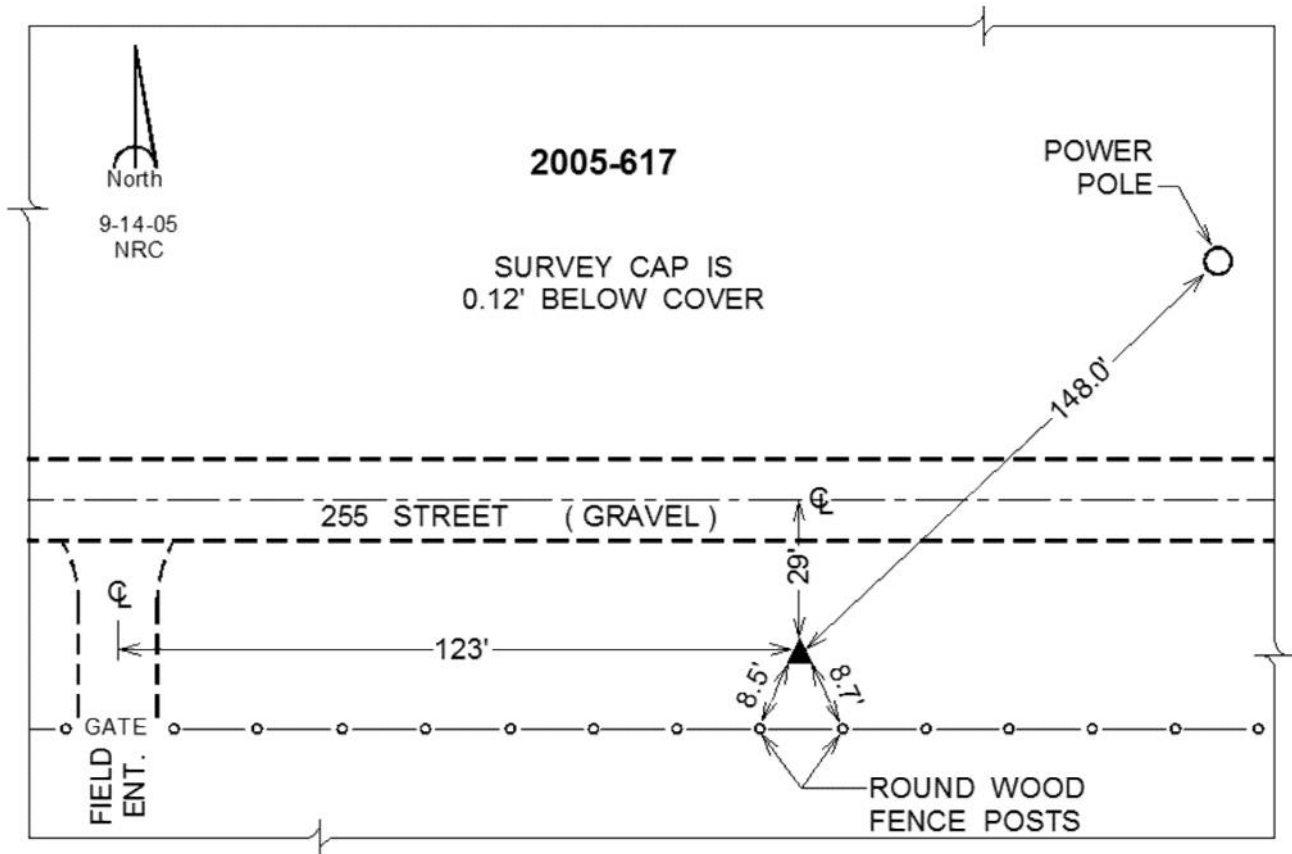
Designation: 2005-017 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°40'35.40715"** Longitude: **W90°43'30.75609"**
NAVD 88 Ortho Height: **737.970sft** Ellip. Ht: **630.393sft** Geoid12A

Iowa South Zone (1402) Northing: **622907.333sft** Easting: **2398325.260sft**
Mapping Angle: **1°49'40"** Combination Scale Factor: **0.999952698**

laRCS Zone 11 Northing: **8119814.203sft** Easting: **21447579.411sft**
Mapping Angle: **-0°07'39"** Combination Scale Factor: **1.000000593**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **618**

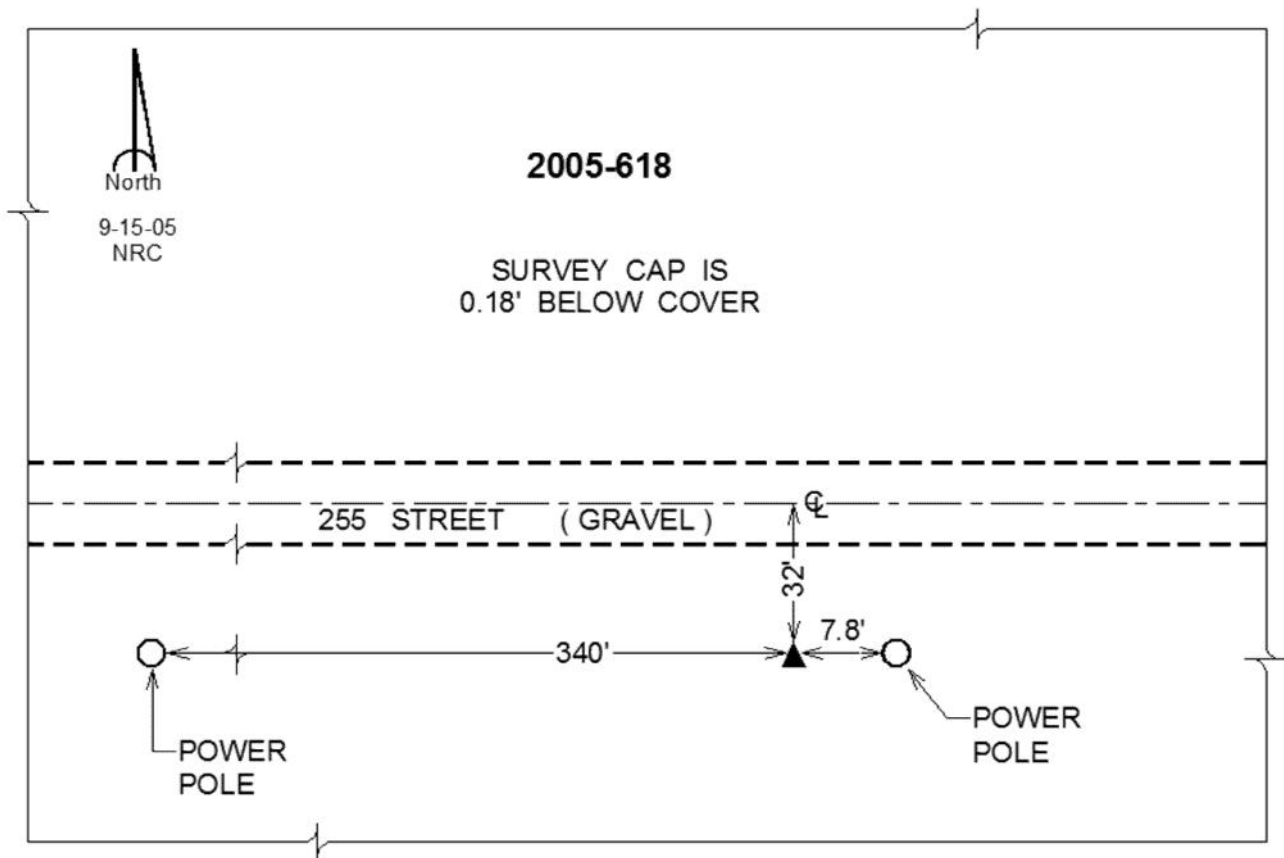
Designation: 2005-018 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°40'35.09970"** Longitude: **W90°40'06.83755"**
NAVD 88 Ortho Height: **757.870sft** Ellip. Ht: **650.256sft** Geoid12A

Iowa South Zone (1402) Northing: **623374.822sft** Easting: **2413792.665sft**
Mapping Angle: **1°51'54"** Combination Scale Factor: **0.999951738**

laRCS Zone 11 Northing: **8119753.709sft** Easting: **21463054.481sft**
Mapping Angle: **-0°05'24"** Combination Scale Factor: **0.9999975312**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
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2015

Point Name: **619**

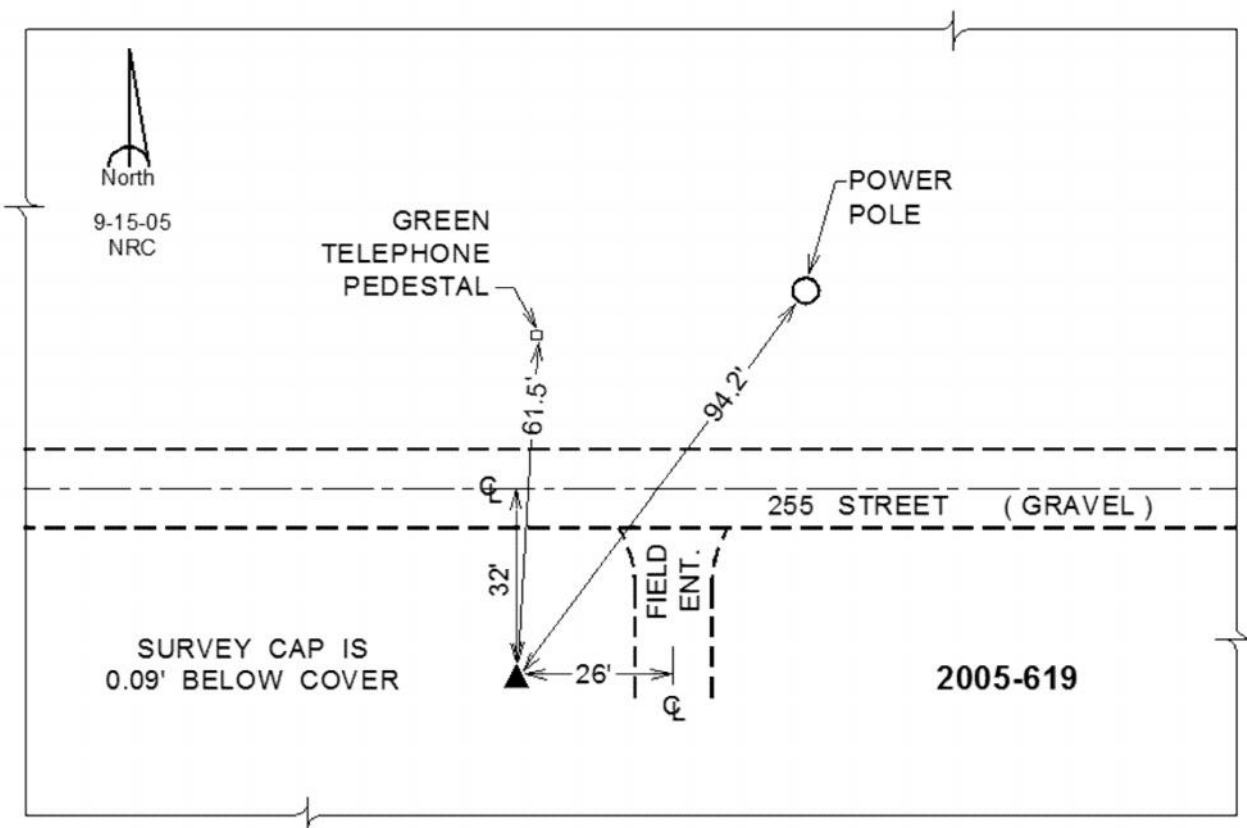
Designation: 2005-019 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°40'35.40598"** Longitude: **W90°36'25.00930"**
NAVD 88 Ortho Height: **774.250sft** Ellip. Ht: **666.572sft** Geoid12A

Iowa South Zone (1402) Northing: **623959.626sft** Easting: **2430616.056sft**
Mapping Angle: **1°54'20"** Combination Scale Factor: **0.999950972**

IaRCS Zone 11 Northing: **8119764.311sft** Easting: **21479888.790sft**
Mapping Angle: **-0°02'56"** Combination Scale Factor: **0.9999956551**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

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Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **620**

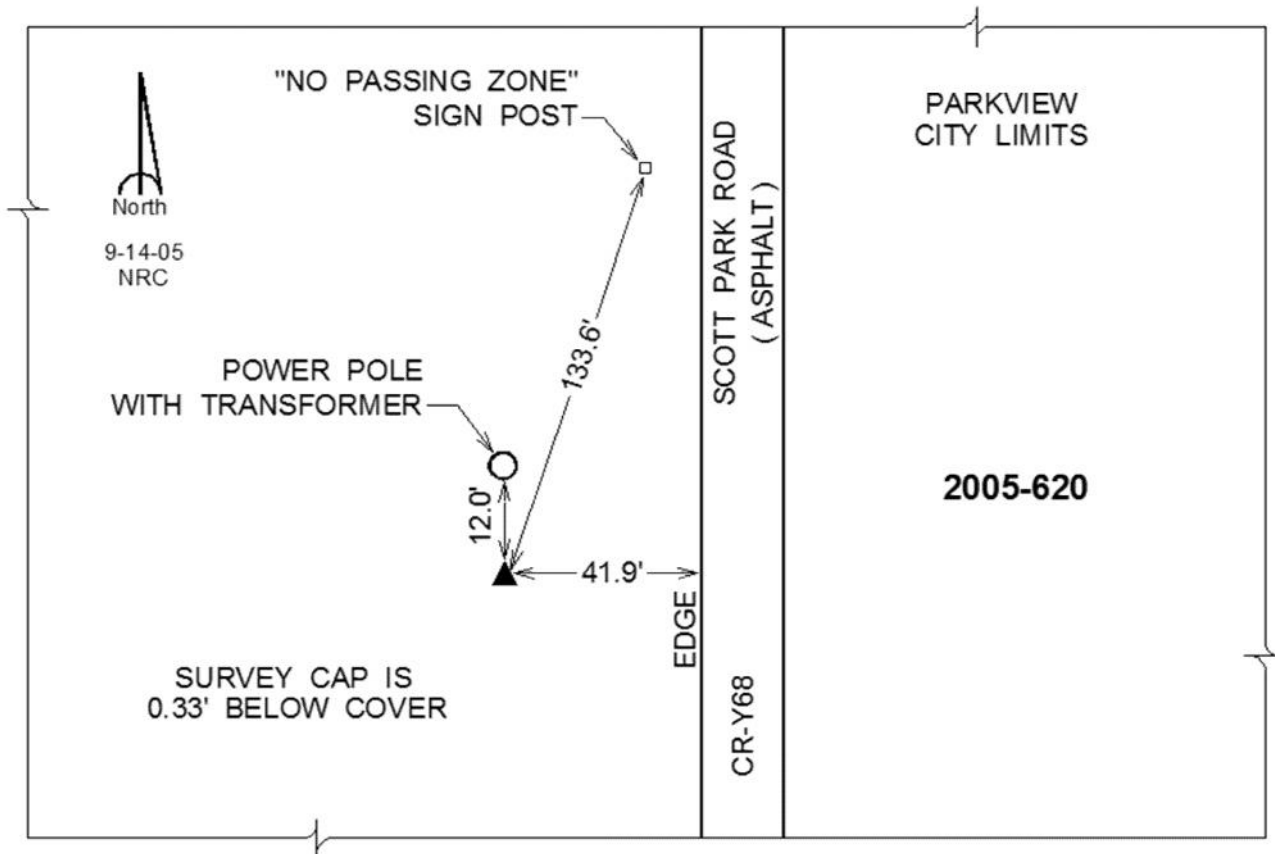
Designation: 2005-020 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°41'04.90908"** Longitude: **W90°32'50.28213"**
NAVD 88 Ortho Height: **794.070sft** Ellip. Ht: **686.299sft** Geoid**12A**

Iowa South Zone (1402) Northing: **627491.608sft** Easting: **2446800.149sft**
Mapping Angle: **1°56'42"** Combination Scale Factor: **0.999951228**

laRCS Zone 11 Northing: **8122742.419sft** Easting: **21496184.639sft**
Mapping Angle: **-0°00'33"** Combination Scale Factor: **0.9999942683**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



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Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **621 (Reset 8-18-15 by DCI)**

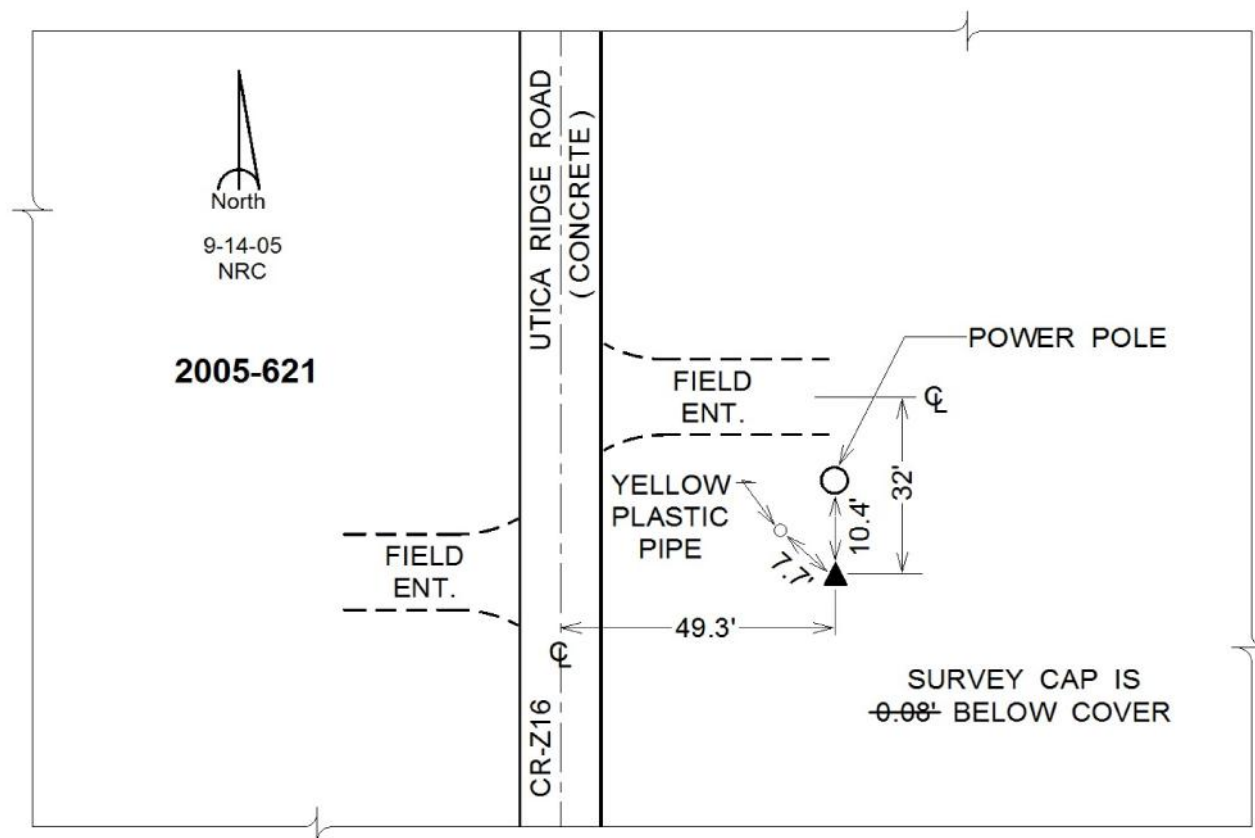
Designation: 2005-021 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°40'59.62736"** Longitude: **W90°29'25.65139"**
NAVD 88 Ortho Height: **744.883sft** Ellip. Ht: **637.008sft** Geoid12A

Iowa South Zone (1402) Northing: **627489.348sft** Easting: **2462336.046sft**
Mapping Angle: **1°58'57"** Combination Scale Factor: **0.999953364**

laRCS Zone 11 Northing: **8122210.393sft** Easting: **21511712.095sft**
Mapping Angle: **0°01'43"** Combination Scale Factor: **0.9999967604**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **622**

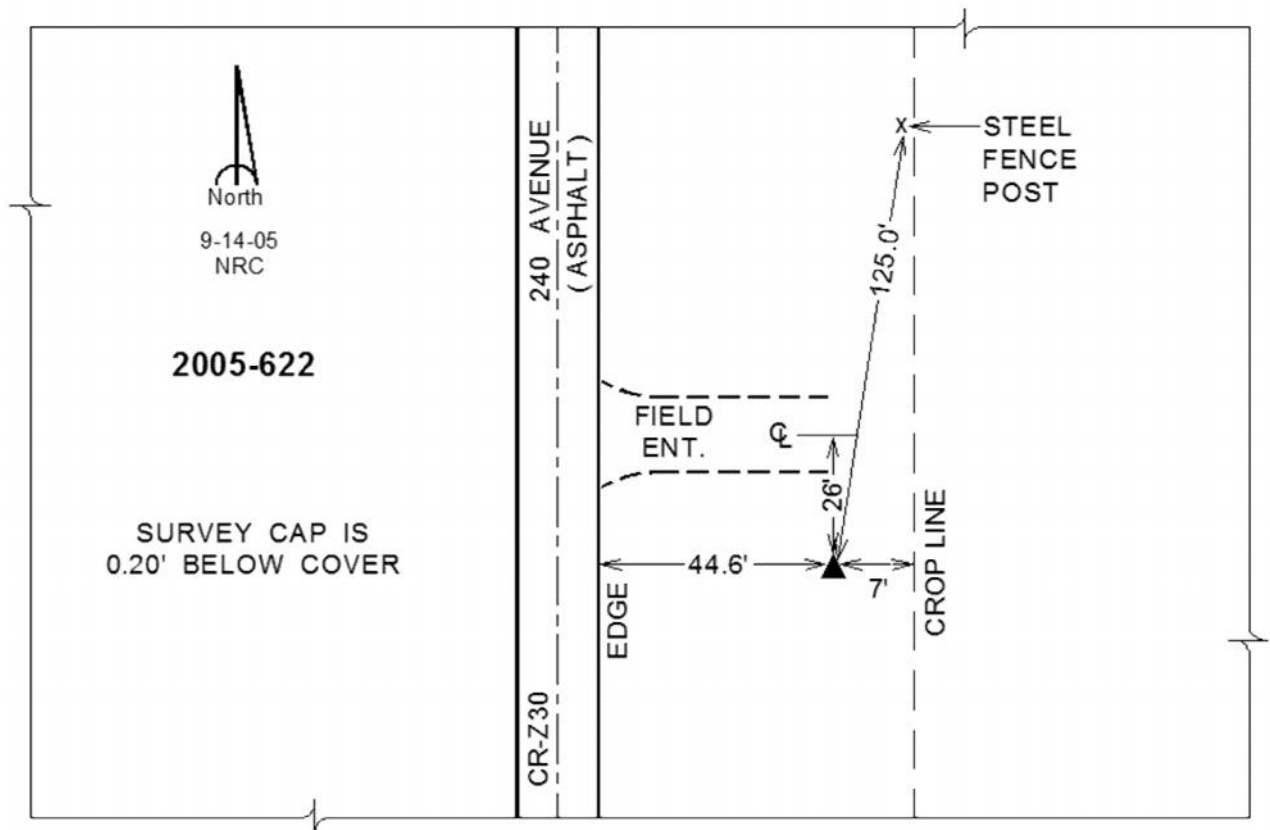
Designation: 2005-022 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°41'09.81203"** Longitude: **W90°25'56.13460"**
NAVD 88 Ortho Height: **746.500sft** Ellip. Ht: **638.512sft** Geoid12A

Iowa South Zone (1402) Northing: **629074.835sft** Easting: **2478187.609sft**
Mapping Angle: **2°01'15"** Combination Scale Factor: **0.999953709**

laRCS Zone 11 Northing: **8123254.597sft** Easting: **21527609.187sft**
Mapping Angle: **0°04'02"** Combination Scale Factor: **0.9999974029**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **623**

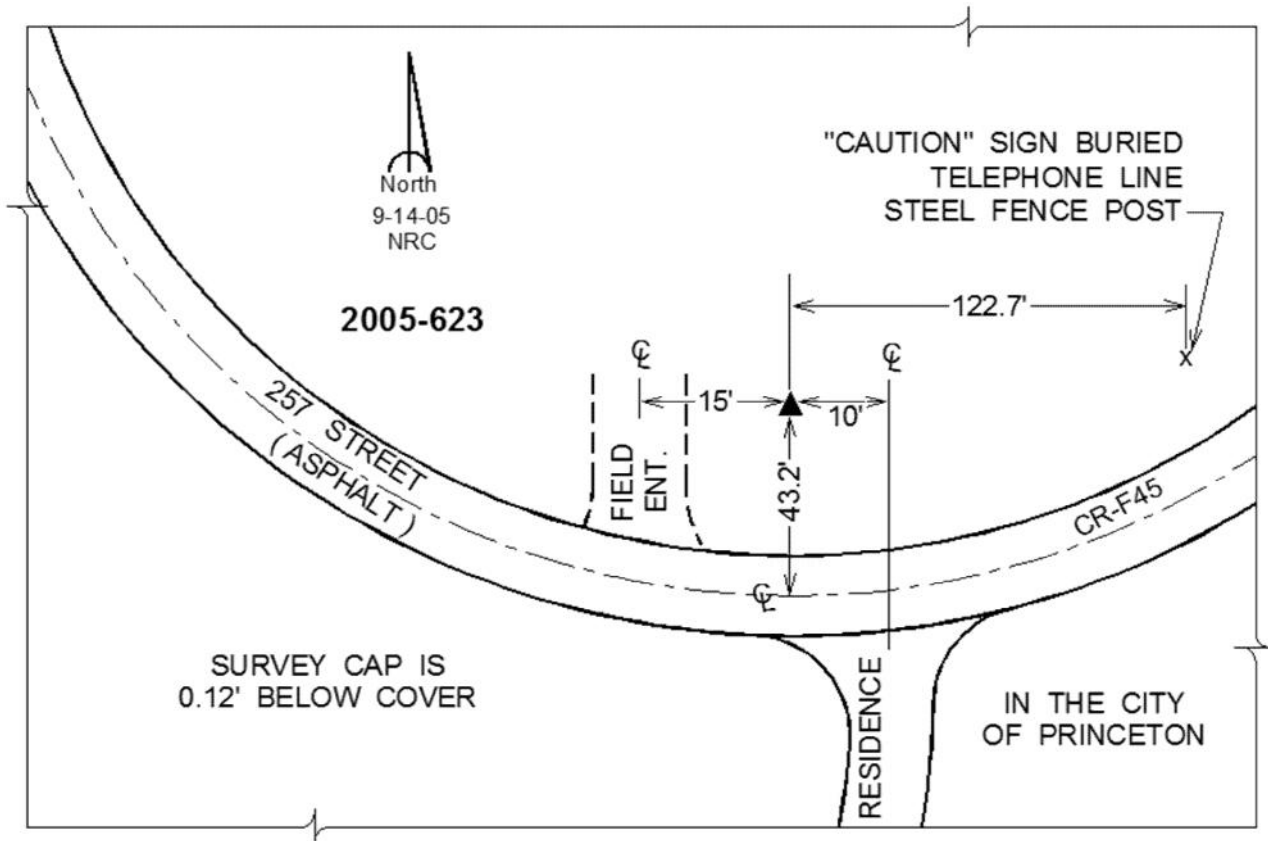
Designation: 2005-023 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°40'33.99110"** Longitude: **W90°21'17.33273"**
NAVD 88 Ortho Height: **697.380sft** Ellip. Ht: **589.228sft** Geoid12A

Iowa South Zone (1402) Northing: **626206.781sft** Easting: **2499459.066sft**
Mapping Angle: **2°04'18"** Combination Scale Factor: **0.999954605**

IaRCS Zone 11 Northing: **8119663.023sft** Easting: **21548771.486sft**
Mapping Angle: **0°07'07"** Combination Scale Factor: **1.000016016**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **624**

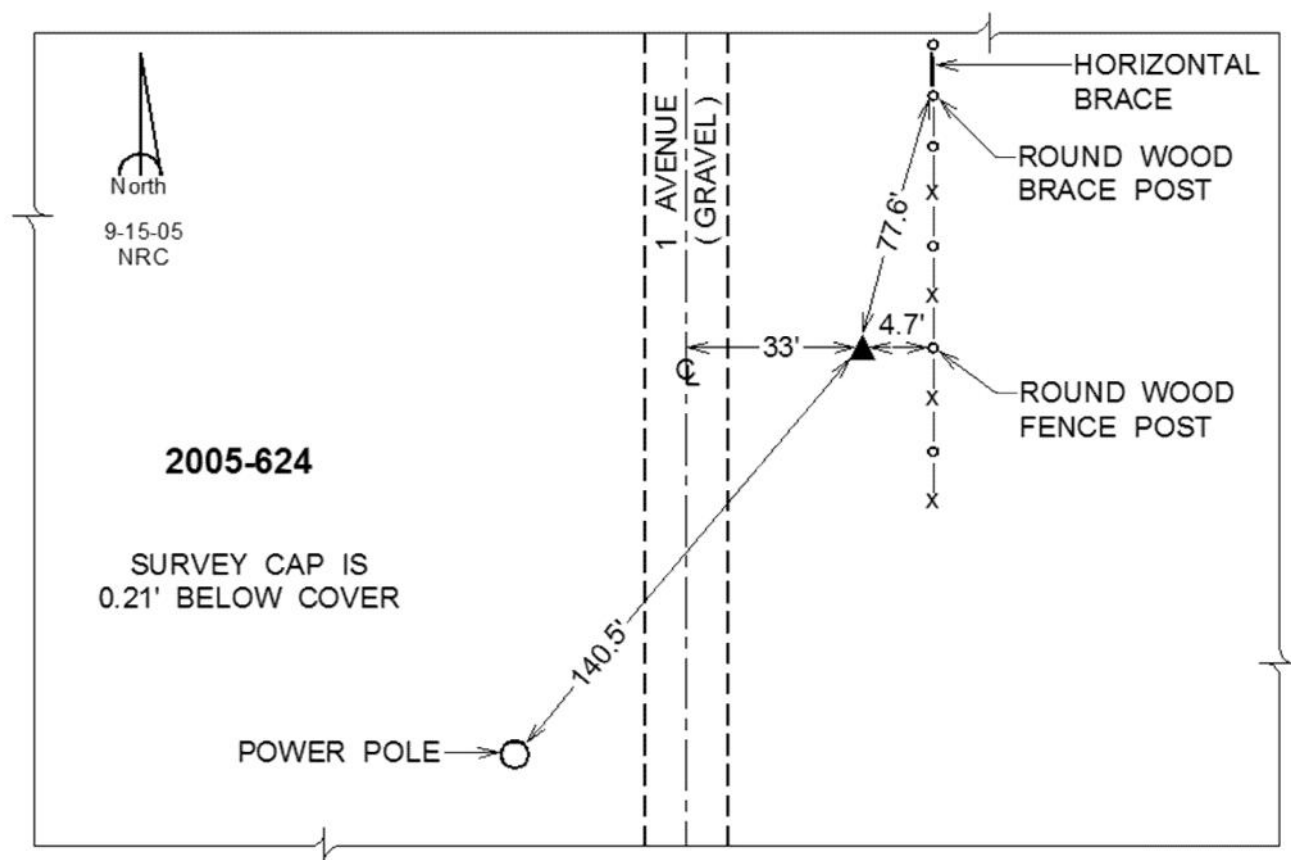
Designation: 2005-024 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°38'07.81612"** Longitude: **W90°53'57.87150"**
NAVD 88 Ortho Height: **726.410sft** Ellip. Ht: **618.952sft** Geoid12A

Iowa South Zone (1402) Northing: **606504.969sft** Easting: **2351205.689sft**
Mapping Angle: **1°42'47"** Combination Scale Factor: **0.999947562**

IaRCS Zone 11 Northing: **8105028.719sft** Easting: **21399924.929sft**
Mapping Angle: **-0°14'36"** Combination Scale Factor: **1.0000089095**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **625**

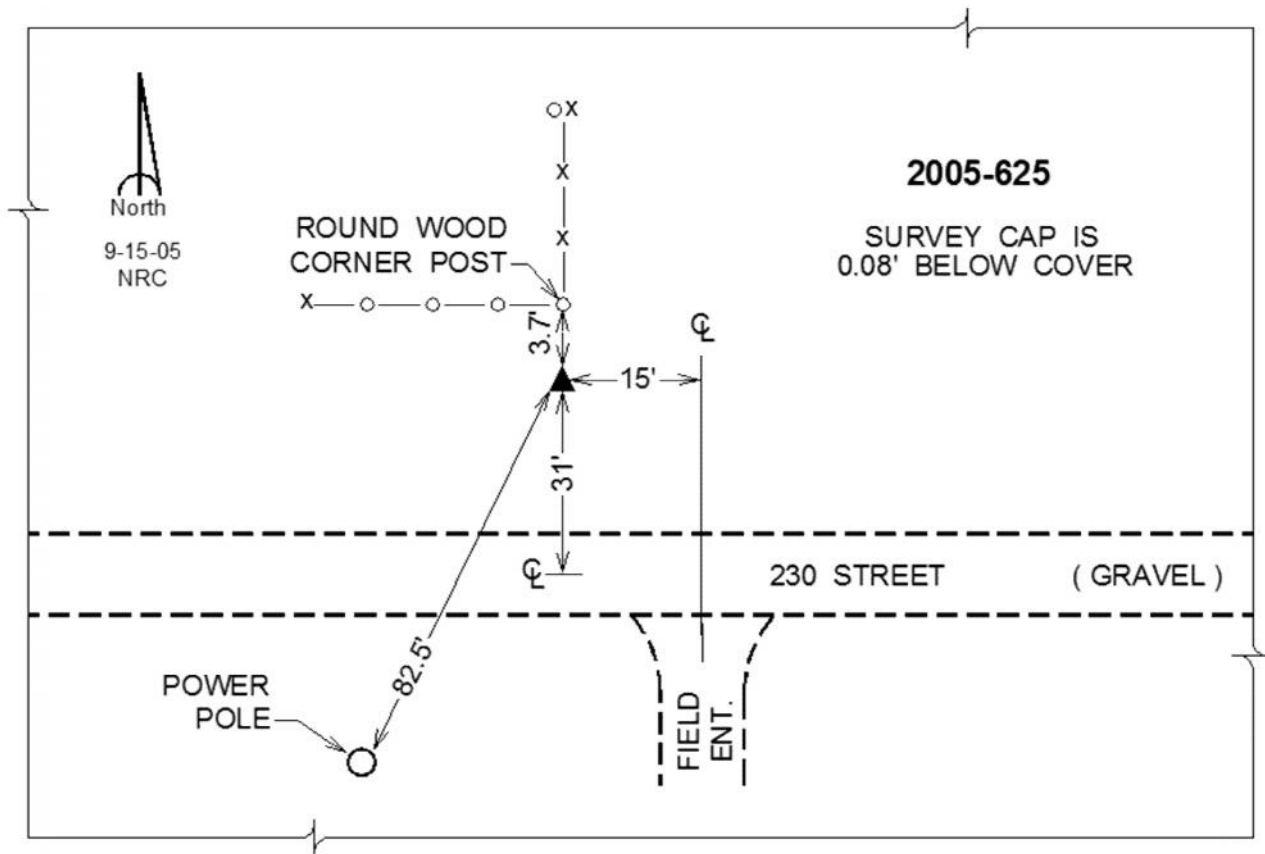
Designation: 2005-025 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°38'25.47485"** Longitude: **W90°50'28.02880"**
NAVD 88 Ortho Height: **745.690sft** Ellip. Ht: **638.189sft** Geoid12A

Iowa South Zone (1402) Northing: **608773.155sft** Easting: **2367077.775sft**
Mapping Angle: **1°45'05"** Combination Scale Factor: **0.999947297**

IaRCS Zone 11 Northing: **8106753.919sft** Easting: **21415866.132sft**
Mapping Angle: **-0°12'16"** Combination Scale Factor: **1.0000046359**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **626**

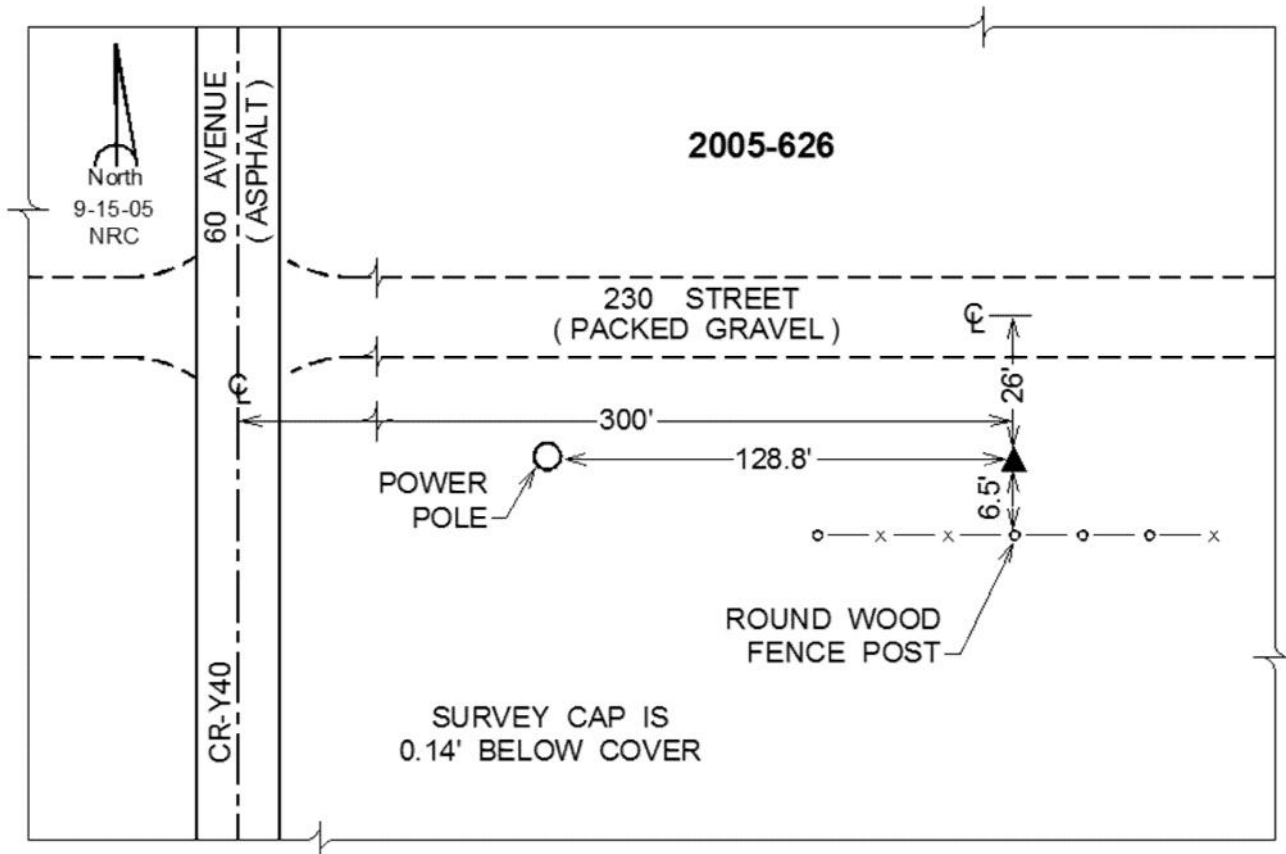
Designation: 2005-026 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°38'24.52988"** Longitude: **W90°46'54.98586"**
NAVD 88 Ortho Height: **753.840sft** Ellip. Ht: **646.280sft** Geoid12A

Iowa South Zone (1402) Northing: **609177.435sft** Easting: **2383248.820sft**
Mapping Angle: **1°47'25"** Combination Scale Factor: **0.999946876**

IaRCS Zone 11 Northing: **8106606.077sft** Easting: **21432042.459sft**
Mapping Angle: **-0°09'55"** Combination Scale Factor: **1.0000014385**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **627**

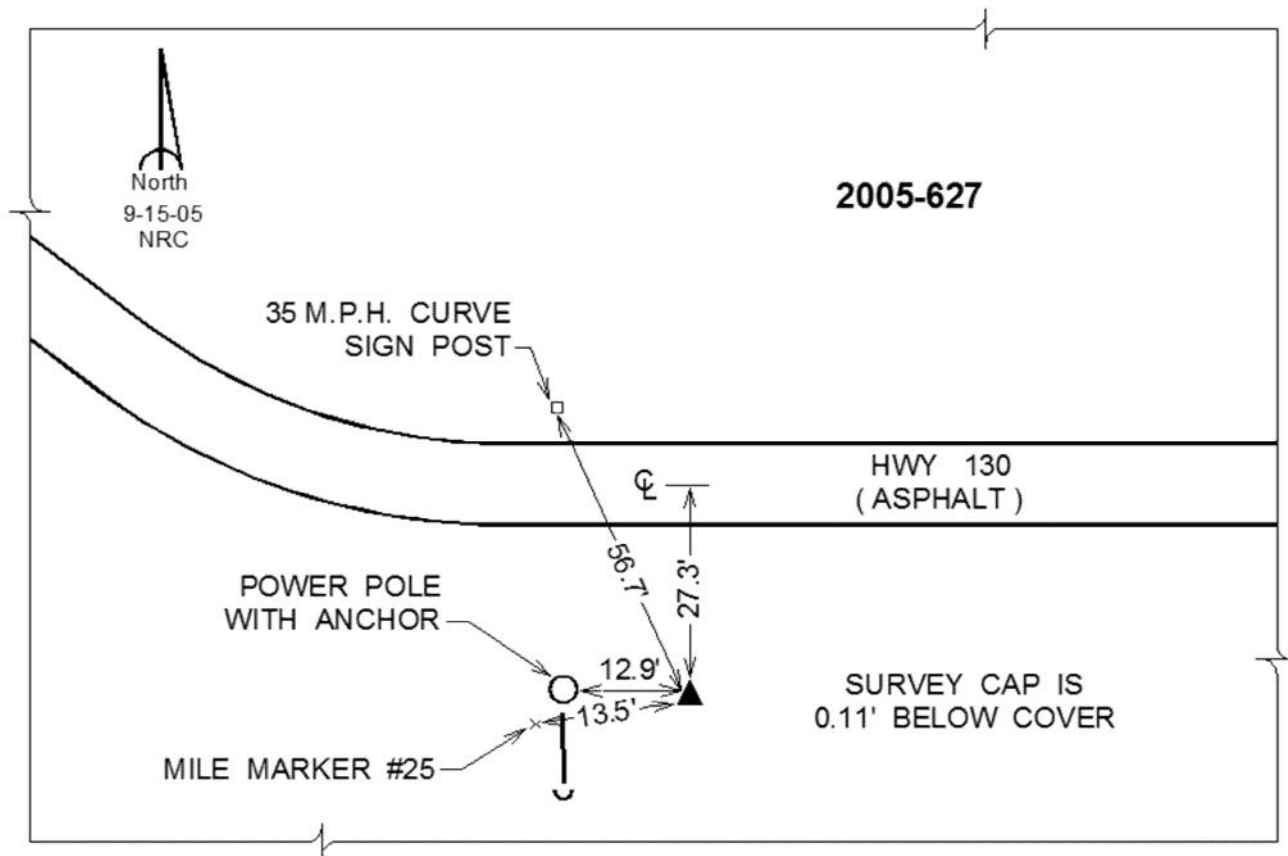
Designation: 2005-027 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°38'56.33991"** Longitude: **W90°43'47.55725"**
NAVD 88 Ortho Height: **737.700sft** Ellip. Ht: **630.101sft** **Geoid12A**

Iowa South Zone (1402) Northing: **612844.408sft** Easting: **2397370.231sft**
Mapping Angle: **1°49'29"** Combination Scale Factor: **0.999948841**

IaRCS Zone 11 Northing: **8109789.228sft** Easting: **21446281.526sft**
Mapping Angle: **-0°07'50"** Combination Scale Factor: **1.0000002306**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **628**

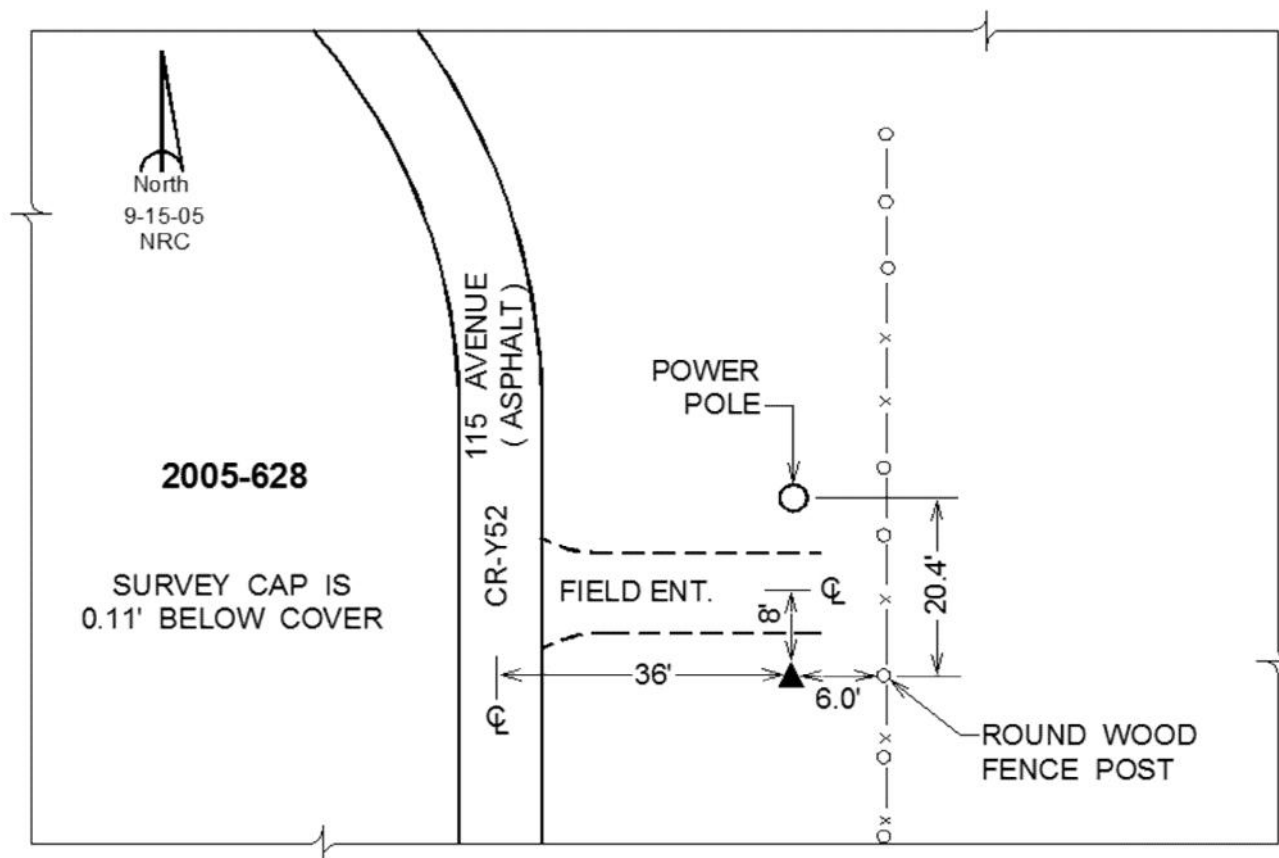
Designation: 2005-028 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°38'29.62035"** Longitude: **W90°40'14.99830"**
NAVD 88 Ortho Height: **737.820sft** Ellip. Ht: **630.190sft** Geoid12A

Iowa South Zone (1402) Northing: **610660.649sft** Easting: **2413586.737sft**
Mapping Angle: **1°51'49"** Combination Scale Factor: **0.999947833**

IaRCS Zone 11 Northing: **8107053.349sft** Easting: **21462414.911sft**
Mapping Angle: **-0°05'29"** Combination Scale Factor: **0.9999985431**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **629**

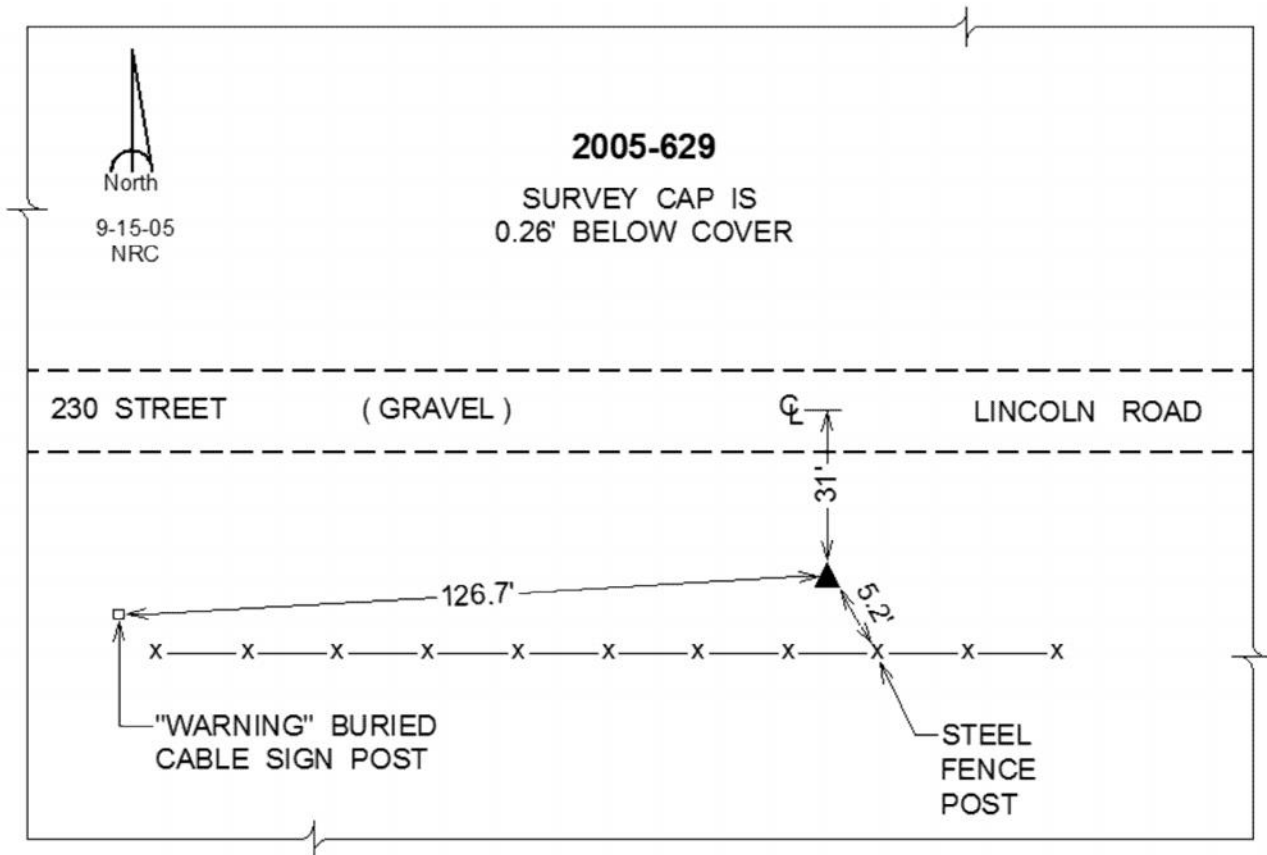
Designation: 2005-029 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°38'24.13017"** Longitude: **W90°36'33.33124"**
NAVD 88 Ortho Height: **744.480sft** Ellip. Ht: **636.787sft** Geoid12A

Iowa South Zone (1402) Northing: **610658.527sft** Easting: **2430426.397sft**
Mapping Angle: **1°54'15"** Combination Scale Factor: **0.999947314**

laRCS Zone 11 Northing: **8106476.791sft** Easting: **21479245.544sft**
Mapping Angle: **-0°03'02"** Combination Scale Factor: **0.9999971063**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **630**

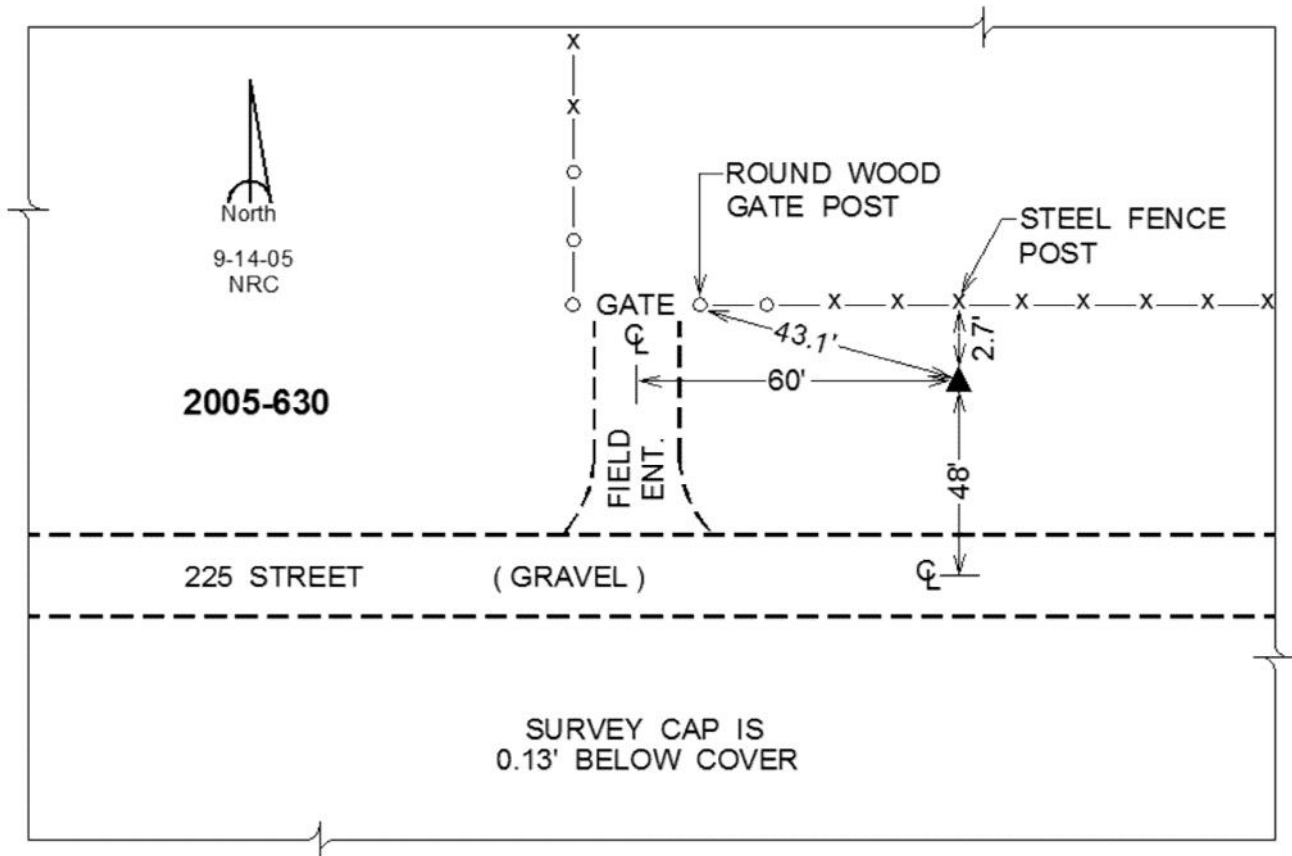
Designation: 2005-030 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°38'02.39681"** Longitude: **W90°22'09.05752"**
NAVD 88 Ortho Height: **734.960sft** Ellip. Ht: **626.891sft** Geoid12A

Iowa South Zone (1402) Northing: **610731.126sft** Easting: **2496088.608sft**
Mapping Angle: **2°03'44"** Combination Scale Factor: **0.999946984**

laRCS Zone 11 Northing: **8104310.466sft** Easting: **21544875.353sft**
Mapping Angle: **0°06'33"** Combination Scale Factor: **0.9999993875**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **631**

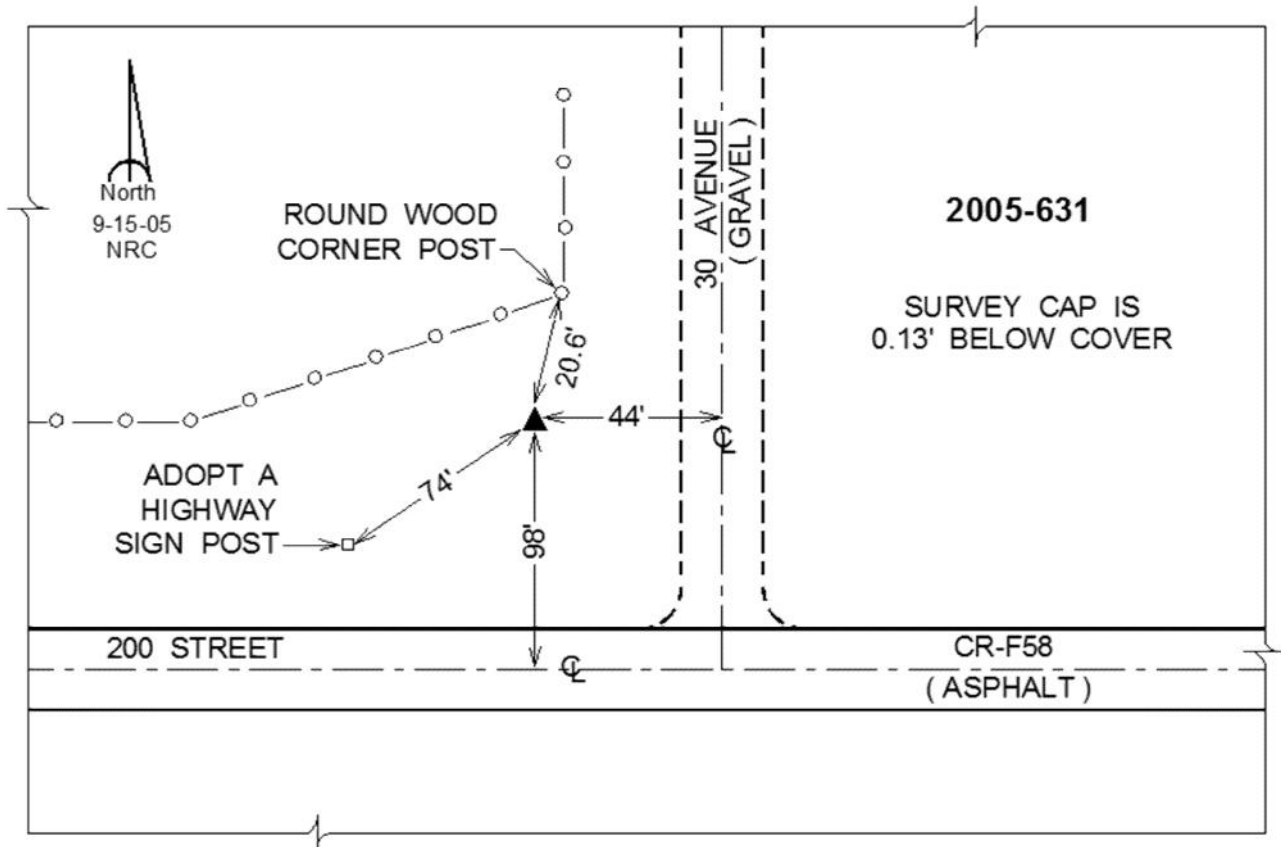
Designation: 2005-031 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°35'49.06962"** Longitude: **W90°50'29.18995"**
NAVD 88 Ortho Height: **718.560sft** Ellip. Ht: **611.006sft** Geoid12A

Iowa South Zone (1402) Northing: **592947.059sft** Easting: **2367473.432sft**
Mapping Angle: **1°45'04"** Combination Scale Factor: **0.999943068**

IaRCS Zone 11 Northing: **8090922.587sft** Easting: **21415721.420sft**
Mapping Angle: **-0°12'16"** Combination Scale Factor: **1.0000059608**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **632**

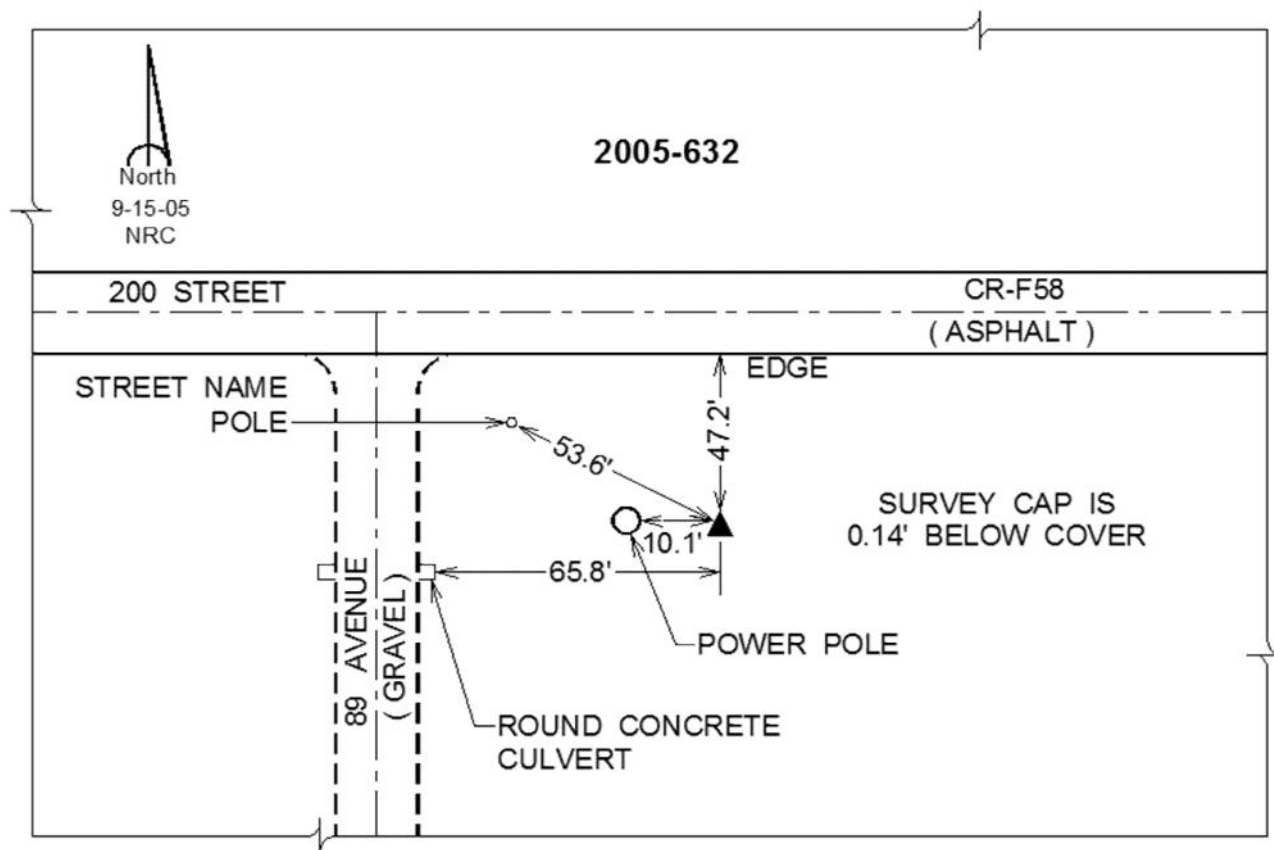
Designation: 2005-032 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°35'46.56364"** Longitude: **W90°43'41.02466"**
NAVD 88 Ortho Height: **744.440sft** Ellip. Ht: **636.838sft** Geoid12A

Iowa South Zone (1402) Northing: **593661.437sft** Easting: **2398477.942sft**
Mapping Angle: **1°49'33"** Combination Scale Factor: **0.999941751**

IaRCS Zone 11 Northing: **8090578.580sft** Easting: **21446734.121sft**
Mapping Angle: **-0°07'45"** Combination Scale Factor: **0.9999998538**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa
 Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
 Iowa State Plane South Zone (1402)
 Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
 US Survey Feet
2015

Point Name: **633 (Destroyed)**

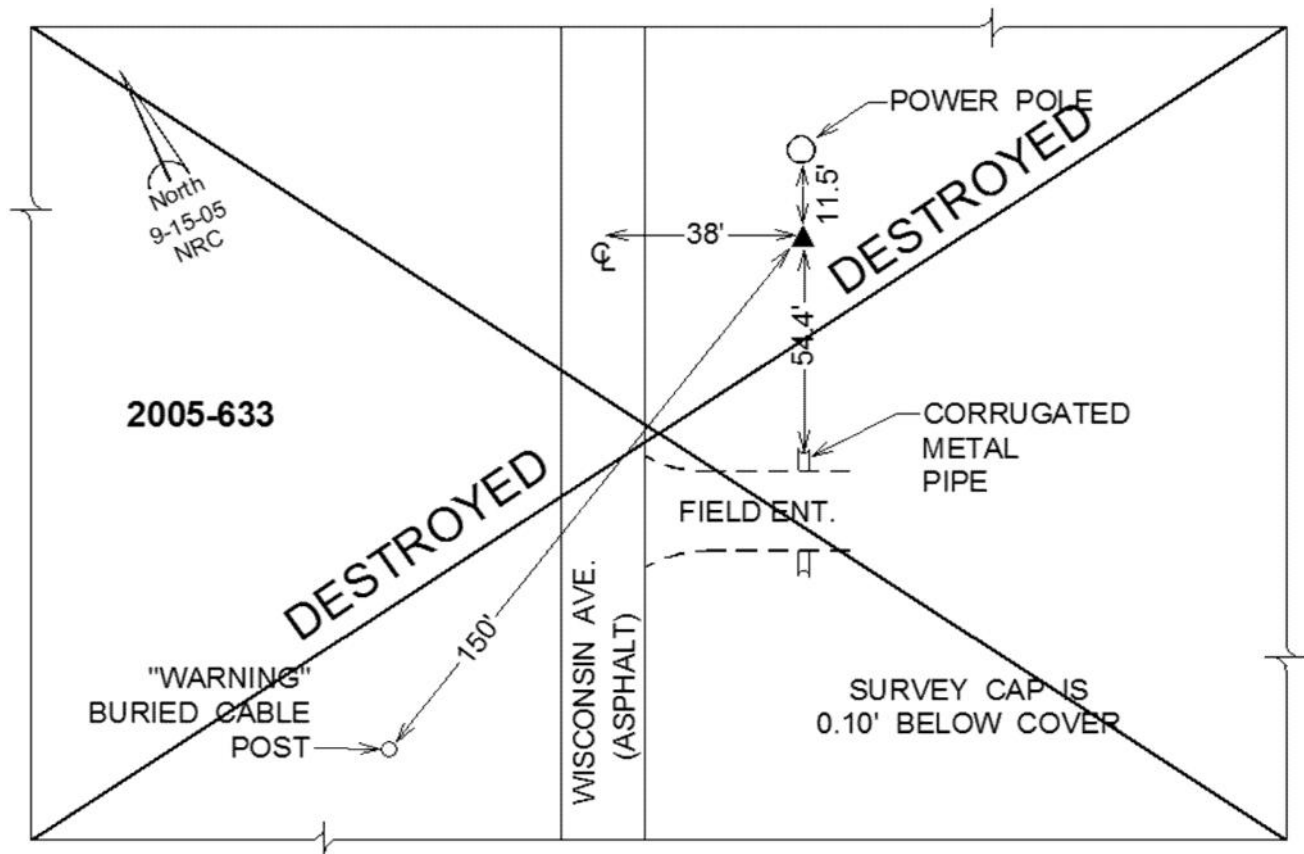
Designation: 2005-033 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **41°35'40.65788"N** Longitude: **90°38'50.82650"W**
 NAVD 88 Ortho Height: **742.908sft** Ellip. Ht: **635.598sft** Geoid**12A**

~~Iowa South Zone (1402)~~ Northing: **593776.739sft** Easting: **2420534.897sft**
 Mapping Angle: **1°52'44"** Combination Scale Factor: **0.999941610**

~~IaRCS Zone 11~~ Northing: **N/Asft** Easting: **N/Asft**
 Mapping Angle: **N/A** Combination Scale Factor: **N/A**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **634 (Reset 8-19-15 by DCI)**

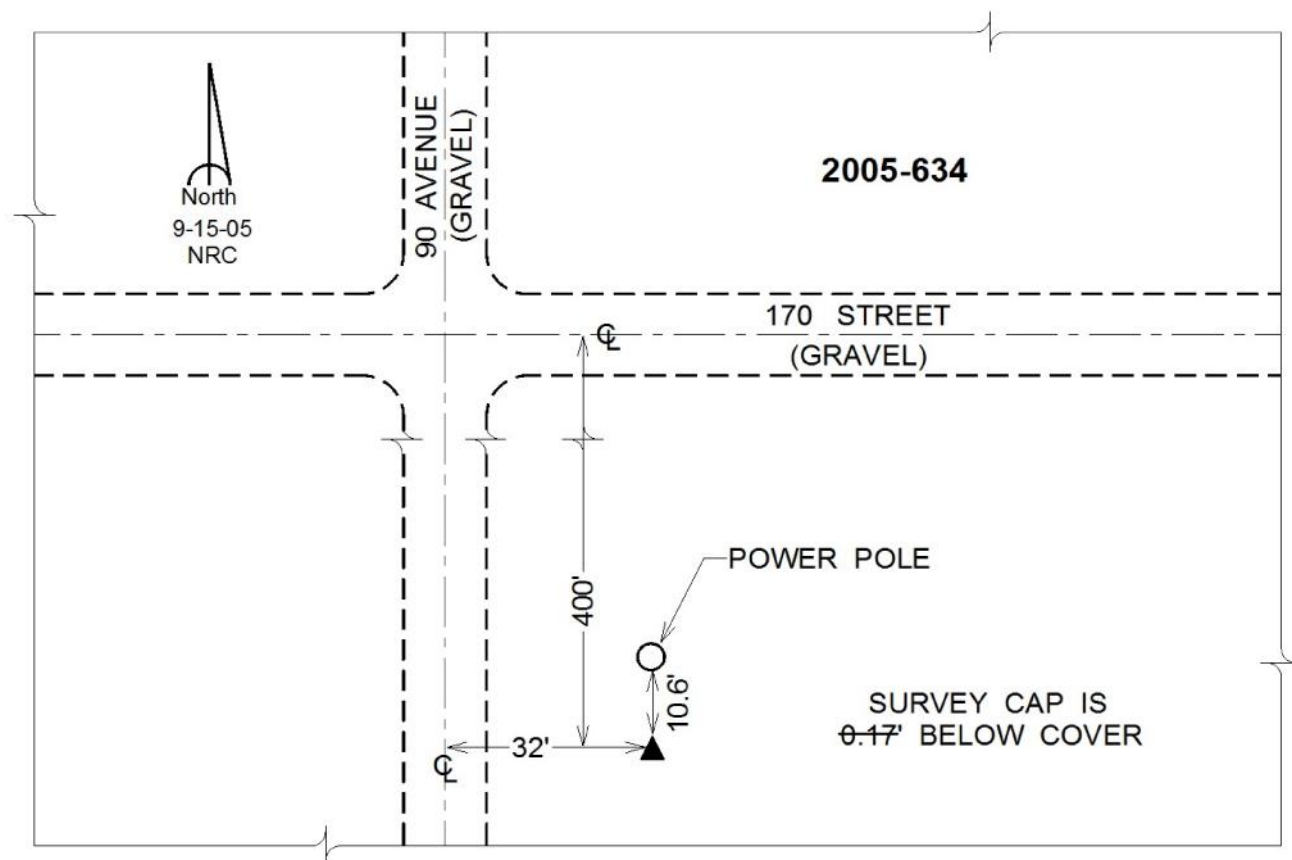
Designation: 2005-034 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°33'05.64784"** Longitude: **W90°43'35.11425"**
NAVD 88 Ortho Height: **748.447sft** Ellip. Ht: **640.819sft** Geoid12A

Iowa South Zone (1402) Northing: **577396.904sft** Easting: **2399446.030sft**
Mapping Angle: **1°49'37"** Combination Scale Factor: **0.999936487**

IaRCS Zone 11 Northing: **8074289.498sft** Easting: **21447146.786sft**
Mapping Angle: **-0°07'41"** Combination Scale Factor: **0.9999996137**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **635**

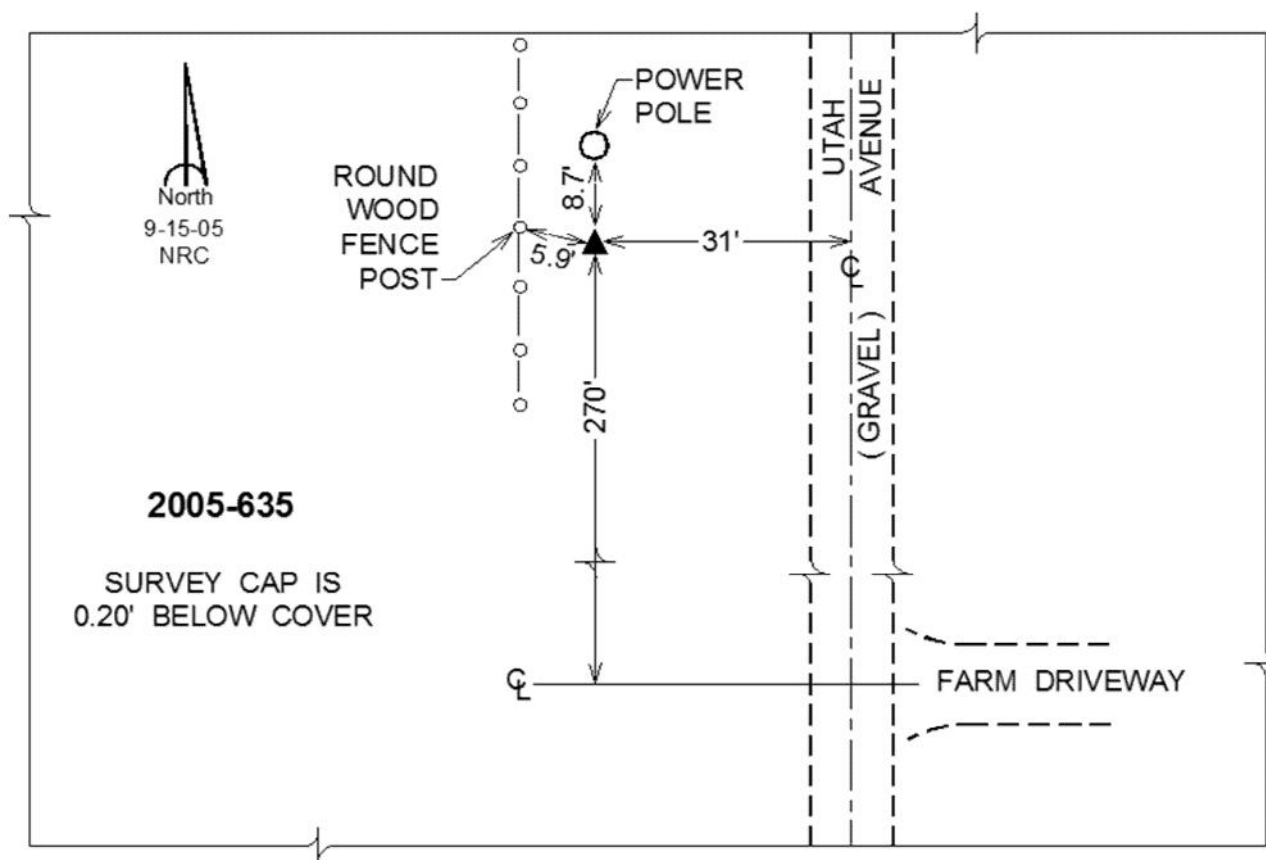
Designation: 2005-035 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°33'03.44791"** Longitude: **W90°40'06.21675"**
NAVD 88 Ortho Height: **706.410sft** Ellip. Ht: **598.752sft** Geoid12A

Iowa South Zone (1402) Northing: **577686.007sft** Easting: **2415327.660sft**
Mapping Angle: **1°51'55"** Combination Scale Factor: **0.999938429**

laRCS Zone 11 Northing: **8074036.651sft** Easting: **21463030.025sft**
Mapping Angle: **-0°05'23"** Combination Scale Factor: **0.999999907**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa
Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **636**

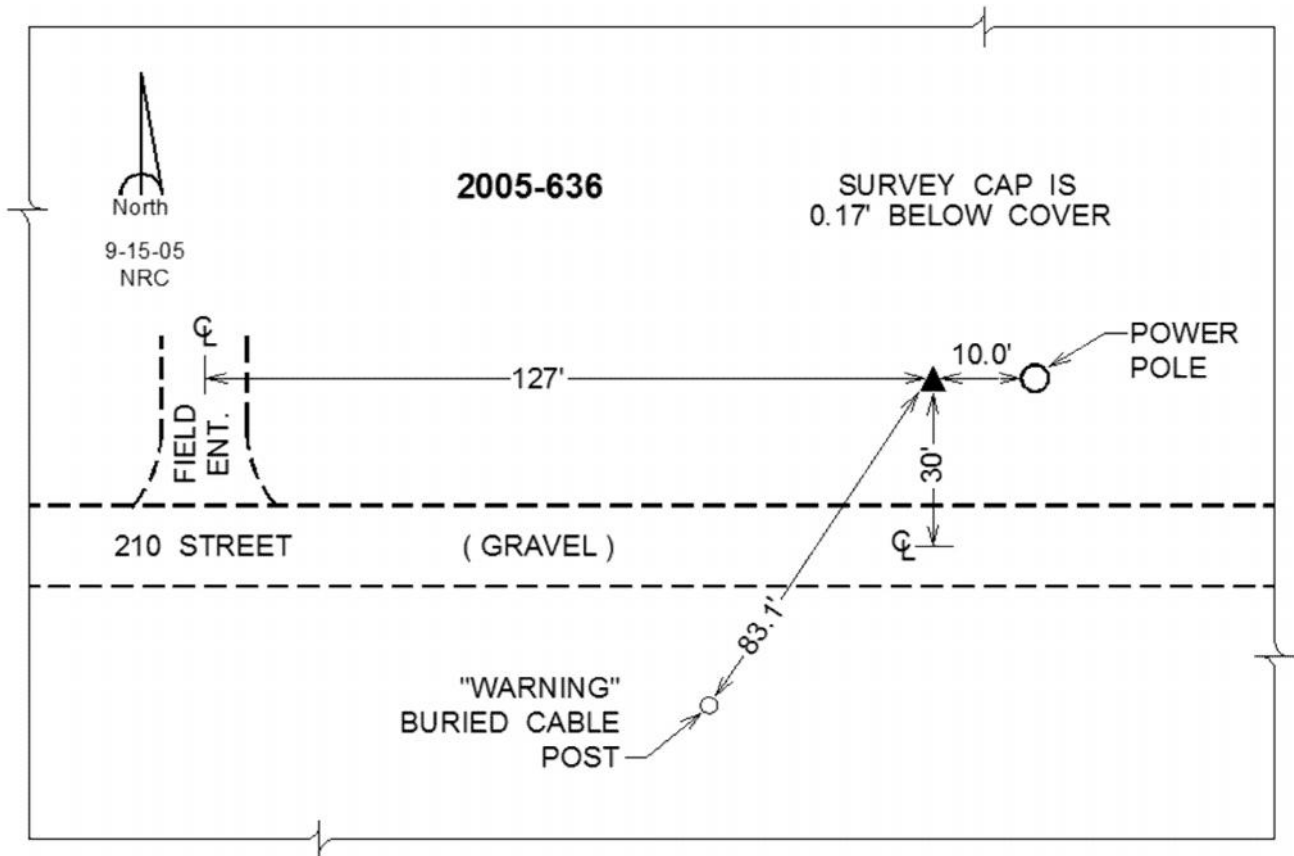
Designation: 2005-036 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°36'40.12923"** Longitude: **W90°41'42.35893"**
NAVD 88 Ortho Height: **726.940sft** Ellip. Ht: **619.320sft** Geoid12A

Iowa South Zone (1402) Northing: **599369.297sft** Easting: **2407314.577sft**
Mapping Angle: **1°50'51"** Combination Scale Factor: **0.999944412**

IaRCS Zone 11 Northing: **8095981.951sft** Easting: **21455760.854sft**
Mapping Angle: **-0°06'27"** Combination Scale Factor: **0.9999996839**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **637**

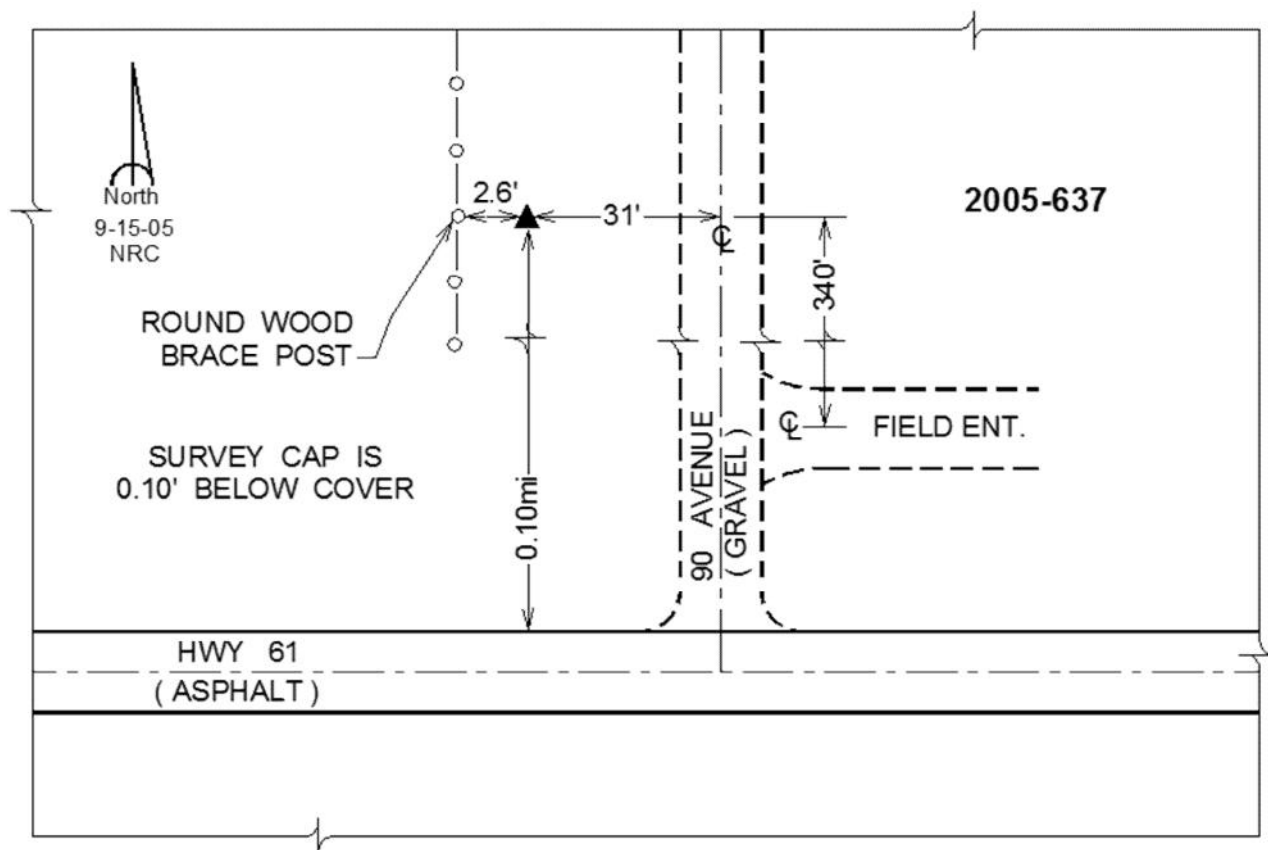
Designation: 2005-037 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°30'38.29527"** Longitude: **W90°43'37.52664"**
NAVD 88 Ortho Height: **784.720sft** Ellip. Ht: **677.033sft** Geoid12A

Iowa South Zone (1402) Northing: **562484.495sft** Easting: **2399738.071sft**
Mapping Angle: **1°49'35"** Combination Scale Factor: **0.999930647**

laRCS Zone 11 Northing: **8059374.834sft** Easting: **21446929.917sft**
Mapping Angle: **-0°07'42"** Combination Scale Factor: **0.9999979119**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **638**

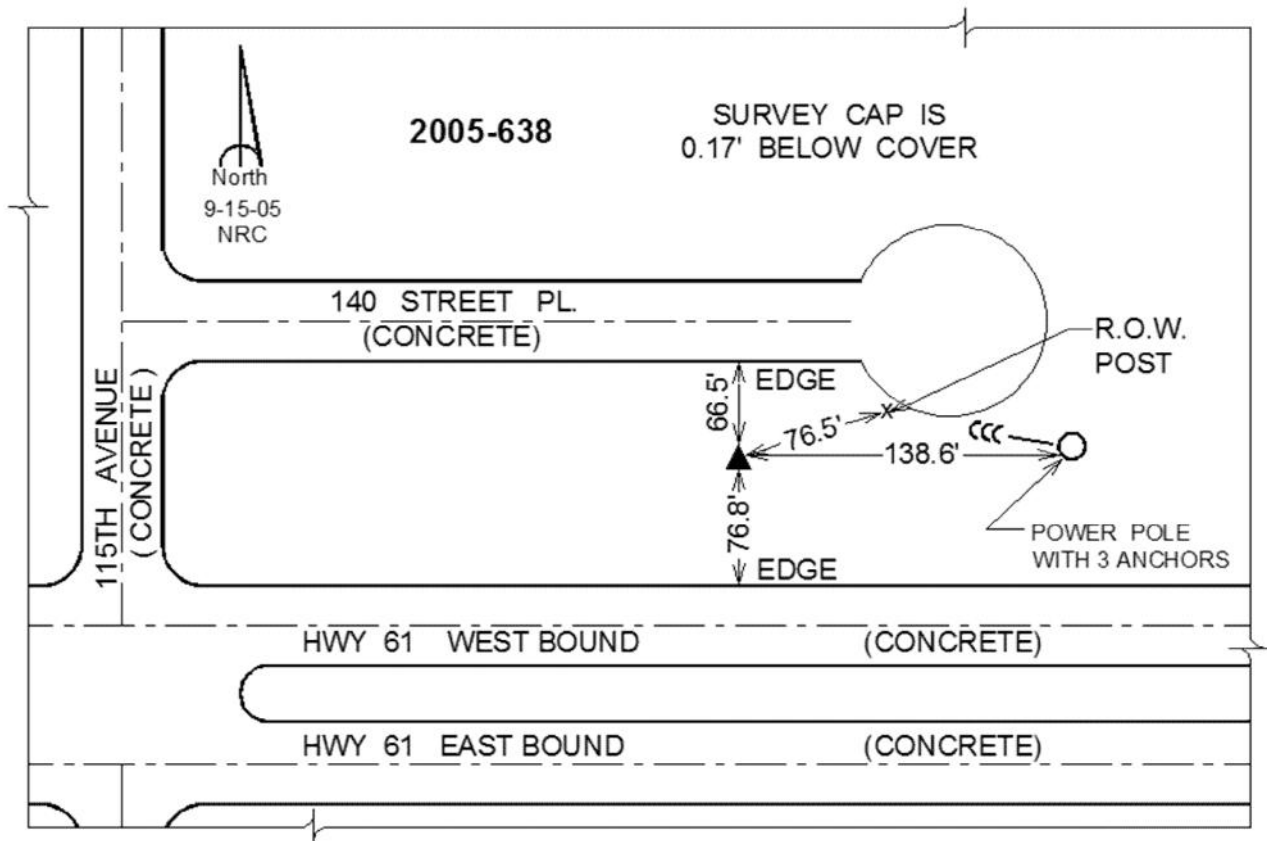
Designation: 2005-038 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°30'33.54900"** Longitude: **W90°40'36.35627"**
NAVD 88 Ortho Height: **752.060sft** Ellip. Ht: **644.345sft** Geoid**12A**

Iowa South Zone (1402) Northing: **562447.662sft** Easting: **2413529.671sft**
Mapping Angle: **1°51'35"** Combination Scale Factor: **0.999932082**

IaRCS Zone 11 Northing: **8058867.535sft** Easting: **21460713.152sft**
Mapping Angle: **-0°05'42"** Combination Scale Factor: **0.9999980170**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa
Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **639**

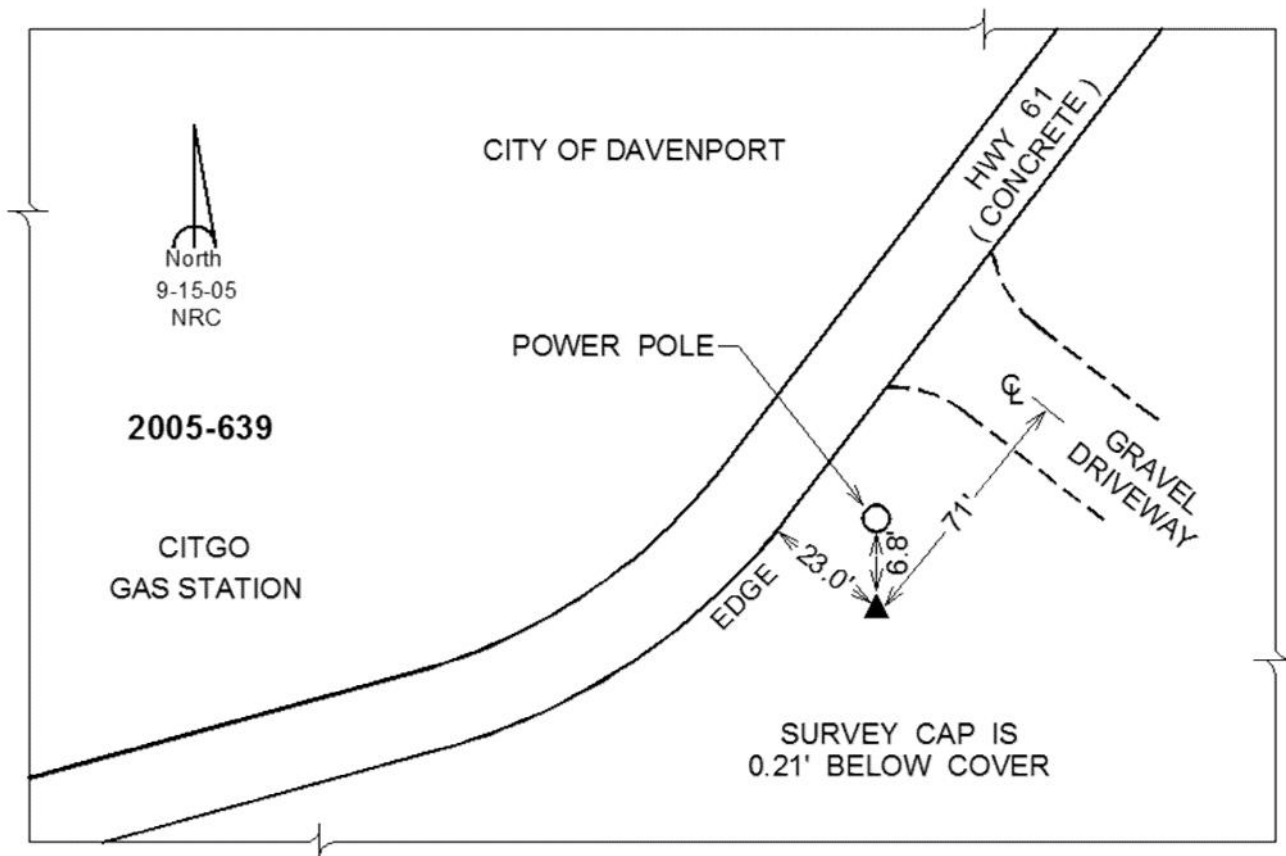
Designation: 2005-039 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°30'40.27802"** Longitude: **W90°36'13.23189"**
NAVD 88 Ortho Height: **562.160sft** Ellip. Ht: **454.385sft** Geoid12A

Iowa South Zone (1402) Northing: **563786.389sft** Easting: **2433514.649sft**
Mapping Angle: **1°54'28"** Combination Scale Factor: **0.999941322**

IaRCS Zone 11 Northing: **8059523.894sft** Easting: **21480733.466sft**
Mapping Angle: **-0°02'48"** Combination Scale Factor: **1.0000057417**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **640 (Destroyed)**

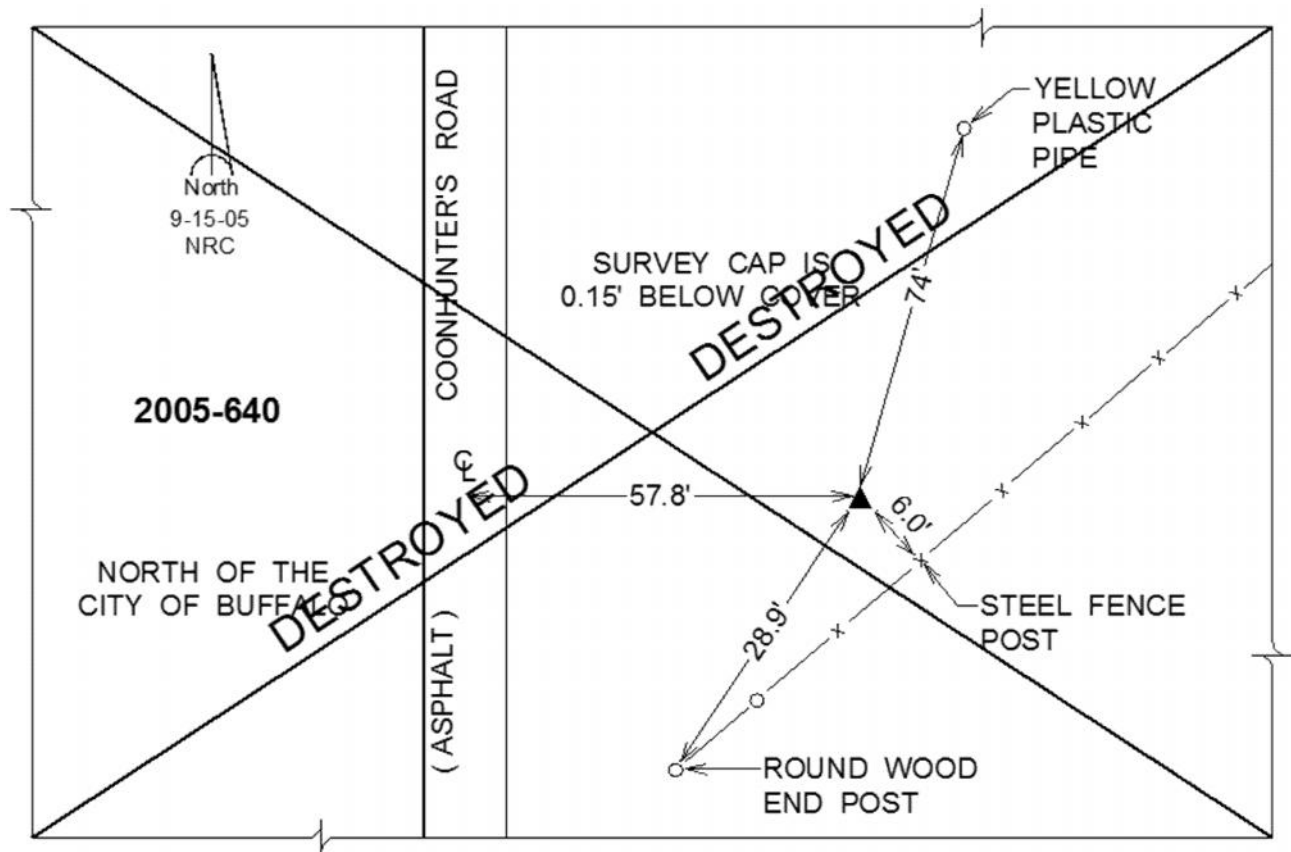
Designation: 2005-040 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **41°28'05.68302"N** Longitude: **90°43'37.41978"W**
NAVD 88 Ortho Height: **711.013sft** Ellip. Ht: **603.449sft** Geoid**12A**

~~Iowa South Zone (1402) Northing: 547046.281sft Easting: 2400238.528sft~~
~~Mapping Angle: 1°49'36" Combination Scale Factor: 0.999930440~~

~~IaRCS Zone 11 Northing: N/Asft Easting: N/Asft~~
~~Mapping Angle: N/A Combination Scale Factor: N/A~~

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **641**

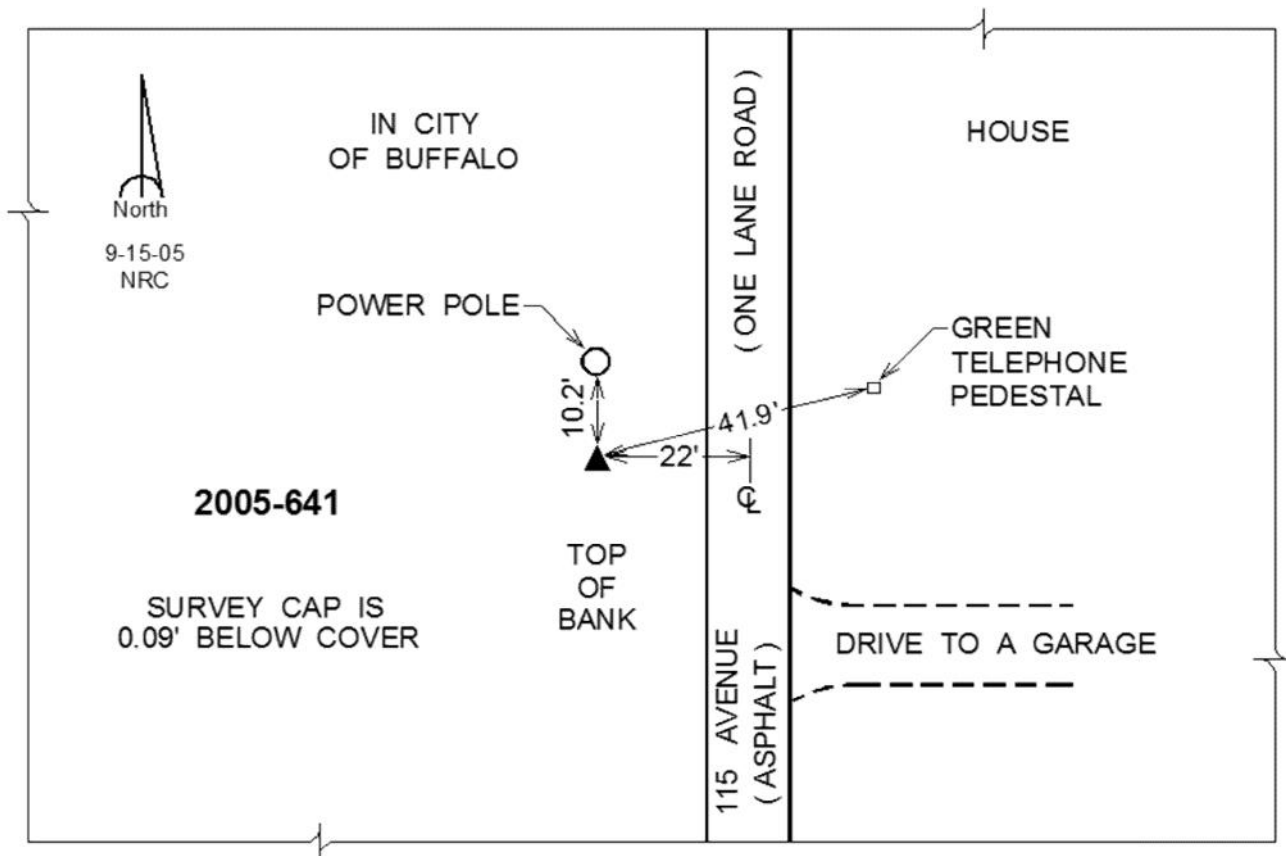
Designation: 2005-041 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°28'03.51372"** Longitude: **W90°40'43.64610"**
NAVD 88 Ortho Height: **652.780sft** Ellip. Ht: **544.967sft** Geoid12A

Iowa South Zone (1402) Northing: **547252.164sft** Easting: **2413467.794sft**
Mapping Angle: **1°51'30"** Combination Scale Factor: **0.999933179**

laRCS Zone 11 Northing: **8043681.960sft** Easting: **21460132.966sft**
Mapping Angle: **-0°05'47"** Combination Scale Factor: **1.000028114**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **642**

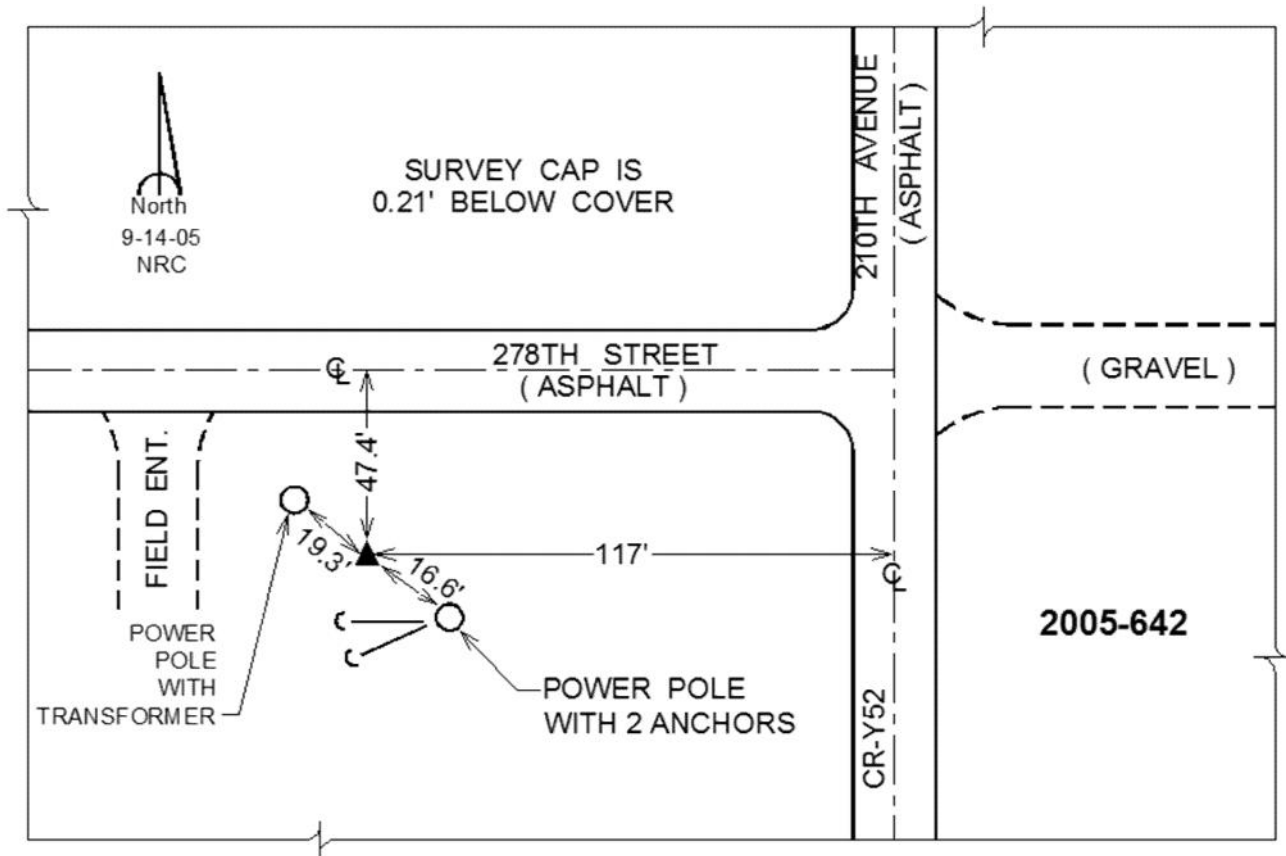
Designation: 2005-042 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°45'58.62467"** Longitude: **W90°41'07.26968"**
NAVD 88 Ortho Height: **640.800sft** Ellip. Ht: **533.300sft** **Geoid12A**

Iowa South Zone (1402) Northing: **655956.015sft** Easting: **2408149.695sft**
Mapping Angle: **1°51'14"** Combination Scale Factor: **0.999971570**

laRCS Zone 11 Northing: **8152509.735sft** Easting: **21458526.184sft**
Mapping Angle: **-0°06'05"** Combination Scale Factor: **1.000035178**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **643**

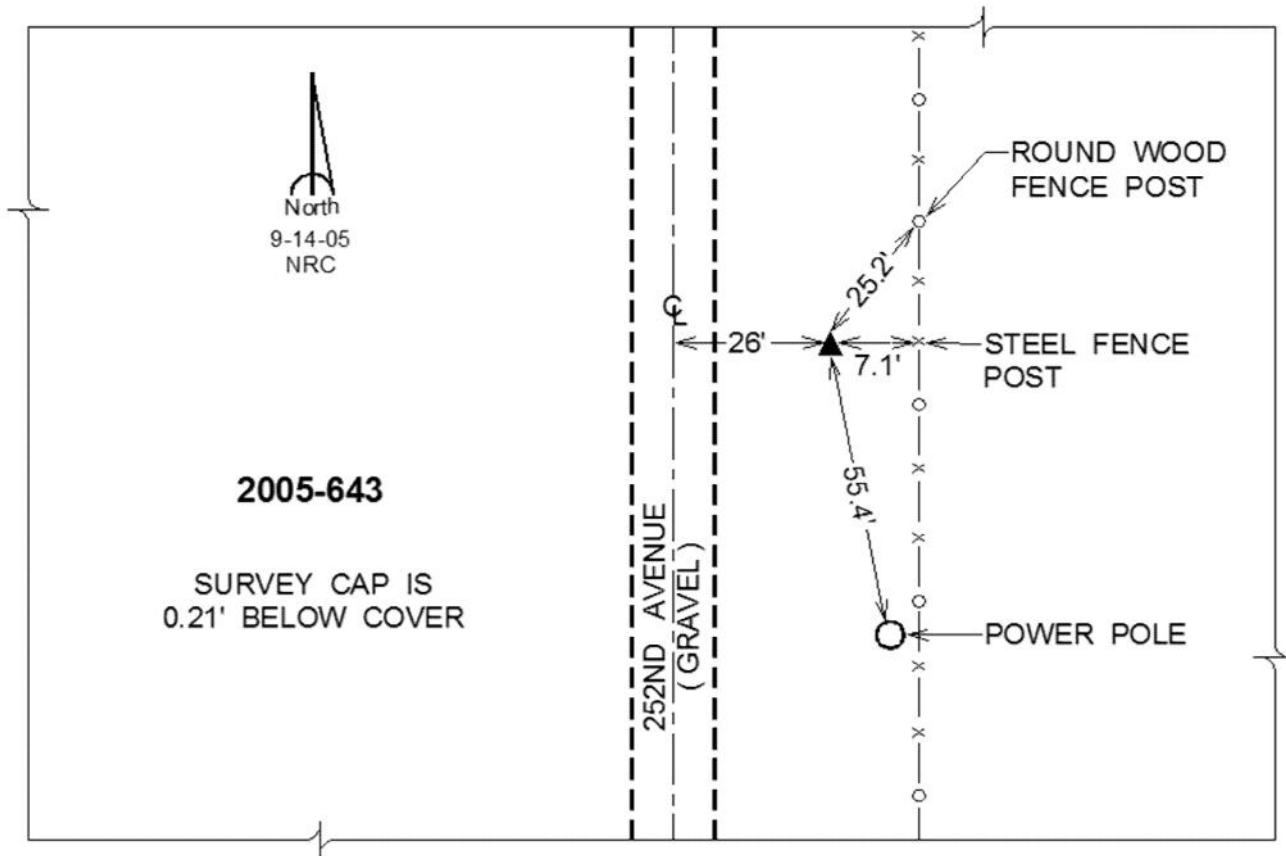
Designation: 2005-043 Scott County GPS Control Point (Set by DCI in 2005)

NAD 83(NA2011) Latitude: **N41°47'19.14296"** Longitude: **W90°36'07.93772"**
NAVD 88 Ortho Height: **661.430sft** Ellip. Ht: **553.827sft** Geoid12A

Iowa South Zone (1402) Northing: **664846.415sft** Easting: **2430549.630sft**
Mapping Angle: **1°54'32"** Combination Scale Factor: **0.999974522**

IaRCS Zone 11 Northing: **8160631.042sft** Easting: **21481217.030sft**
Mapping Angle: **-0°02'45"** Combination Scale Factor: **1.0000009760**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **644 (Replaces 633)**

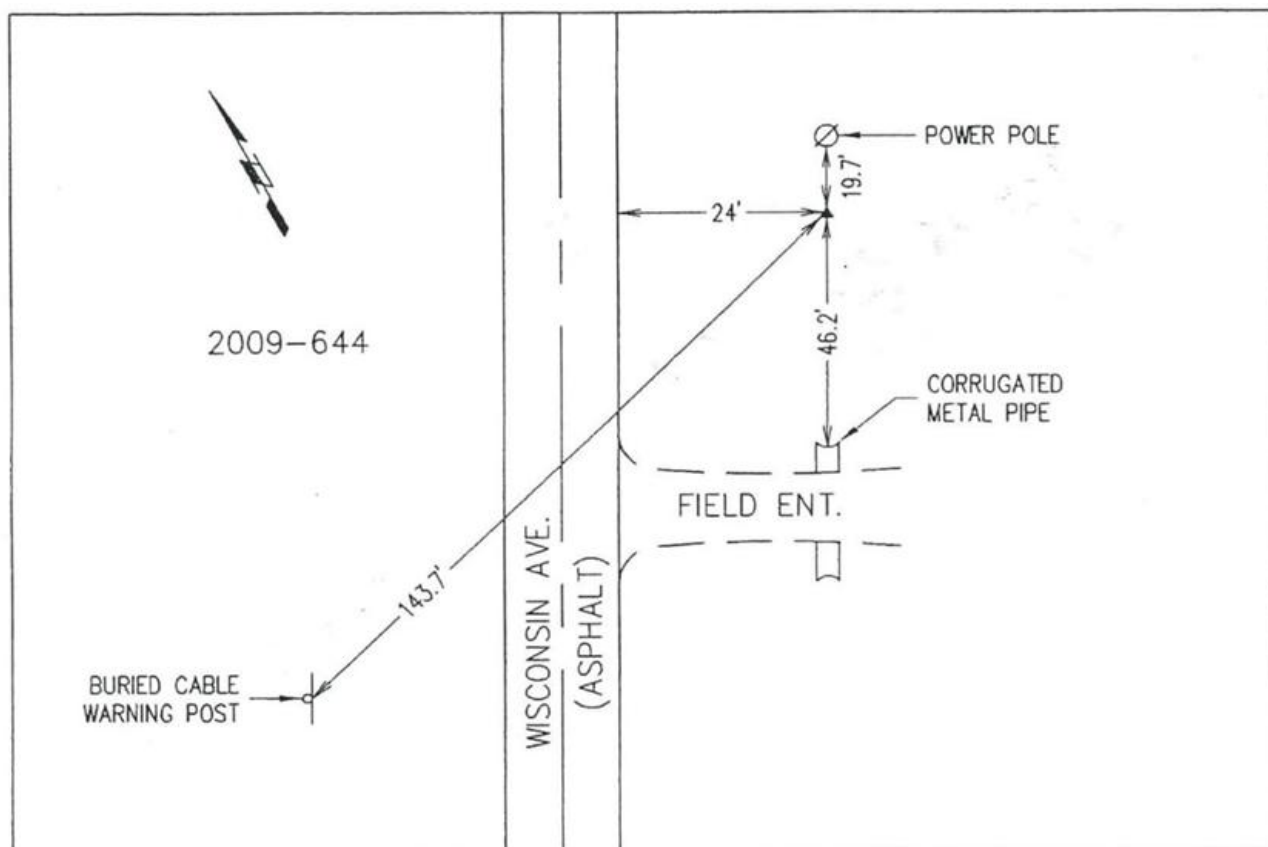
Designation: 2009-644 Scott County Control Point (Set by Shive-Hattery, Inc. in 2009)

NAD 83(NA2011) Latitude: **N41°35'40.59335"** Longitude: **W90°38'50.88117"**
NAVD 88 Ortho Height: **742.150sft** Ellip. Ht: **634.505sft** Geoid12A

Iowa South Zone (1402) Northing: **593770.075sft** Easting: **2420530.960sft**
Mapping Angle: **1°52'44"** Combination Scale Factor: **0.999941663**

IaRCS Zone 11 Northing: **8089934.810sft** Easting: **21468779.267sft**
Mapping Angle: **-0°04'33"** Combination Scale Factor: **0.9999978367**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **645 (Replaces 640)**

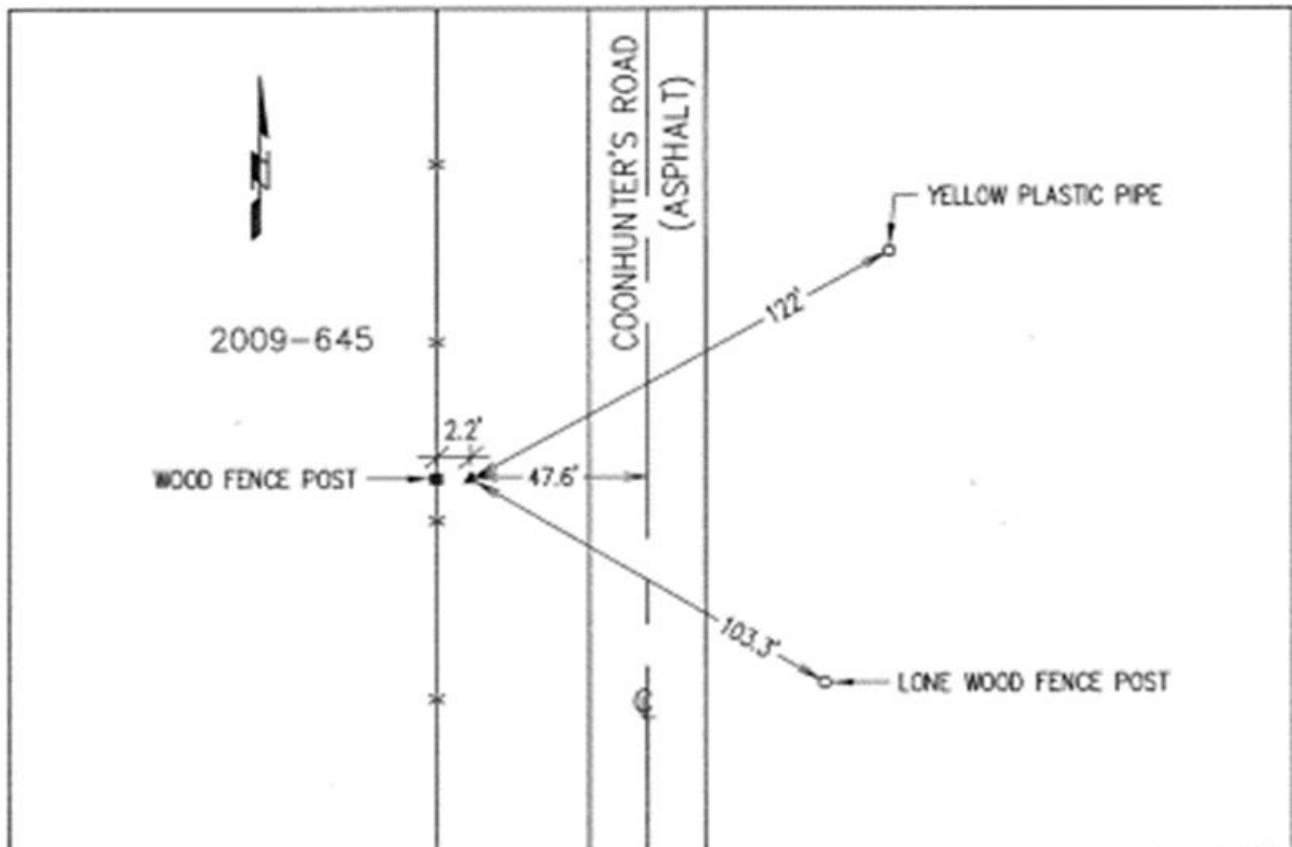
Designation: 2009-645 Scott County Control Point (Set by Shive-Hattery, Inc. in 2009)

NAD 83(NA2011) Latitude: **N41°28'05.25618"** Longitude: **W90°43'38.68150"**
NAVD 88 Ortho Height: **709.400sft** Ellip. Ht: **601.595sft** Geoid12A

Iowa South Zone (1402) Northing: **547000.041sft** Easting: **2400143.901sft**
Mapping Angle: **1°49'35"** Combination Scale Factor: **0.999930516**

IaRCS Zone 11 Northing: **8043884.476sft** Easting: **21446807.291sft**
Mapping Angle: **-0°07'43"** Combination Scale Factor: **1.0000015264**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



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Scott County, Iowa
Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **646 (Replaces 403)**

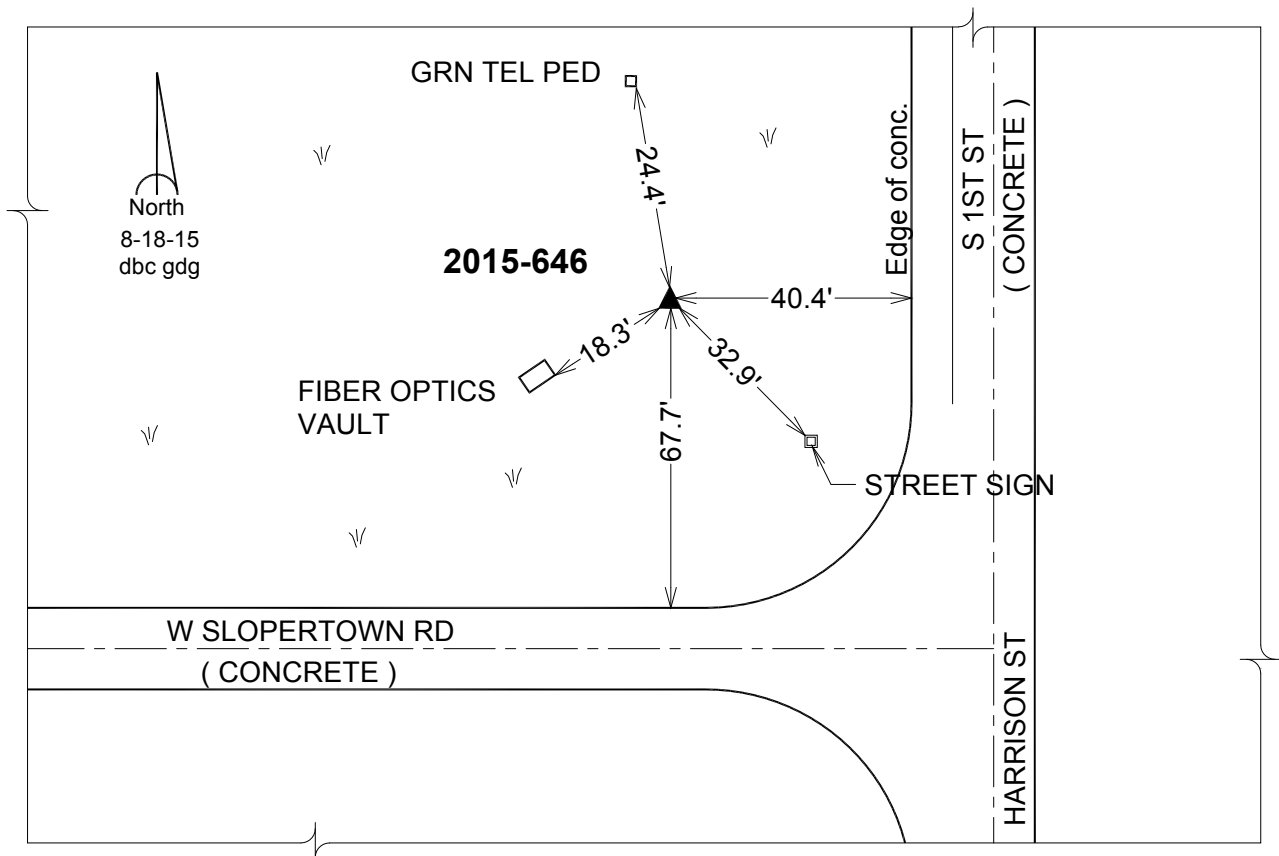
Designation: 2015-646 Scott County GPS Control Point (Set by DCI in 2015)

NAD 83(NA2011) Latitude: **N41°37'06.56800"** Longitude: **W90°34'51.52863"**
NAVD 88 Ortho Height: **745.069sft** Ellip. Ht: **637.339sft** Geoid**12A**

Iowa South Zone (1402) Northing: **603070.439sft** Easting: **2438415.137sft**
Mapping Angle: **1°55'22"** Combination Scale Factor: **0.999944477**

IaRCS Zone 11 Northing: **8098620.255sft** Easting: **21486971.234sft**
Mapping Angle: **-0°01'54"** Combination Scale Factor: **0.9999967817**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



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Scott County, Iowa
Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **647 (Replaces 407)**

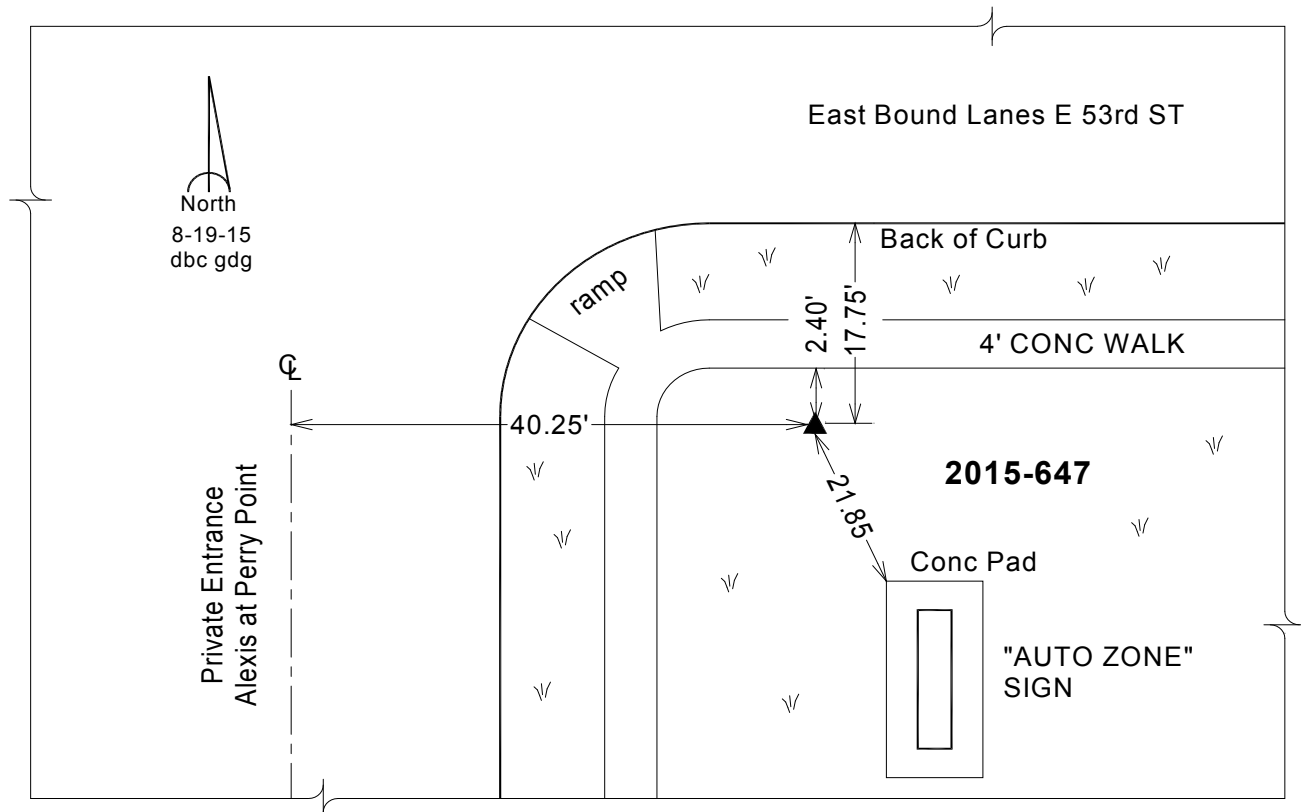
Designation: 2015-647 Scott County GPS Control Point (Set by DCI in 2015)

NAD 83(NA2011) Latitude: **N41°34'27.85319"** Longitude: **W90°34'22.64587"**
NAVD 88 Ortho Height: **704.534sft** Ellip. Ht: **596.802sft** Geoid12A

Iowa South Zone (1402) Northing: **587088.783sft** Easting: **2441148.106sft**
Mapping Angle: **1°55'41"** Combination Scale Factor: **0.999941103**

IaRCS Zone 11 Northing: **8082553.808sft** Easting: **21489157.700sft**
Mapping Angle: **-0°01'35"** Combination Scale Factor: **0.9999986562**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



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Scott County, Iowa
 Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
 Iowa State Plane South Zone (1402)
 Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
 US Survey Feet
2015

Point Name: **648 (Replaces 408)**

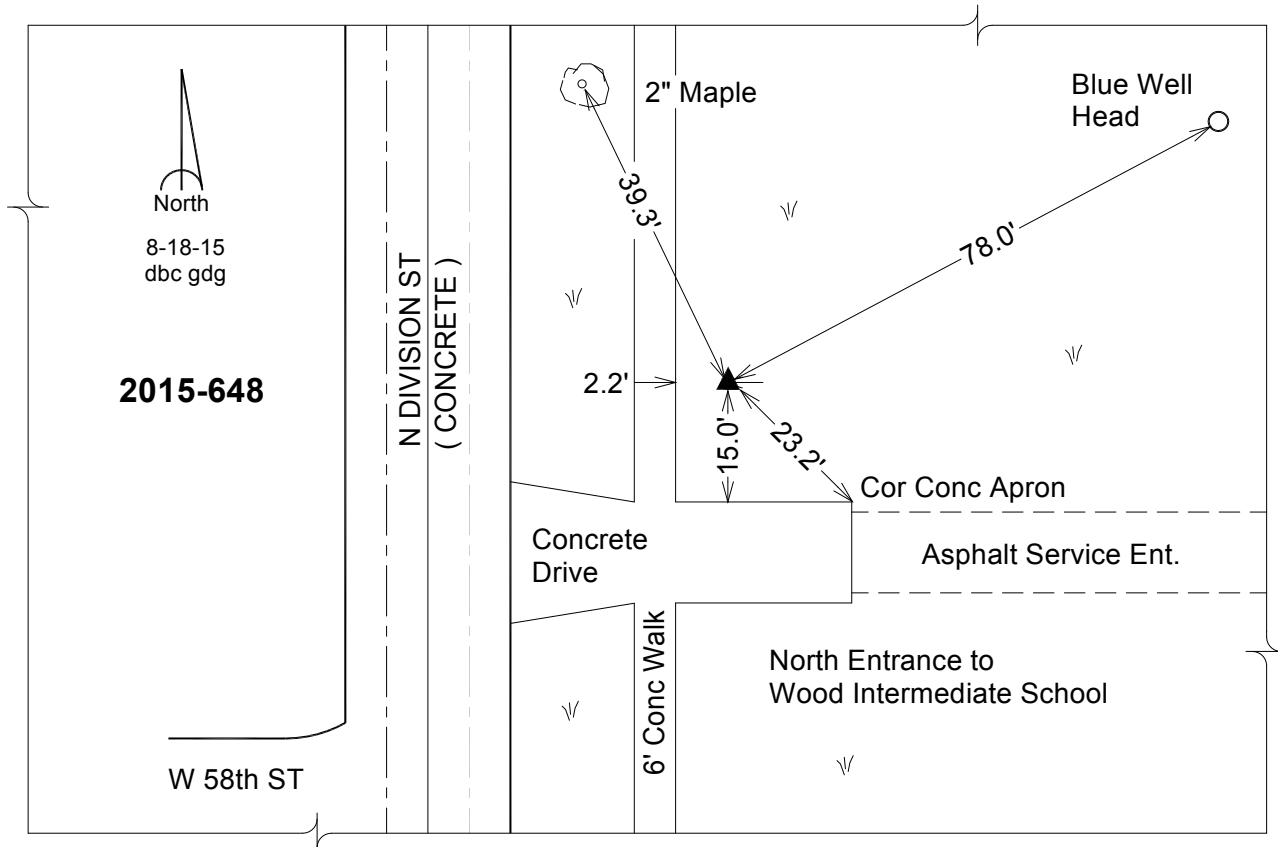
Designation: 2015-648 Scott County GPS Control Point (Set by DCI in 2015)

NAD 83(NA2011) Latitude: **N41°34'50.40019"** Longitude: **W90°36'00.49680"**
 NAVD 88 Ortho Height: **731.291sft** Ellip. Ht: **623.592sft** Geoid12A

Iowa South Zone (1402) Northing: **589120.561sft** Easting: **2433639.134sft**
 Mapping Angle: **1°54'37"** Combination Scale Factor: **0.999940543**

laRCS Zone 11 Northing: **8084840.624sft** Easting: **21481721.963sft**
 Mapping Angle: **-0°02'40"** Combination Scale Factor: **0.9999976254**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **649 (Replaces 422)**

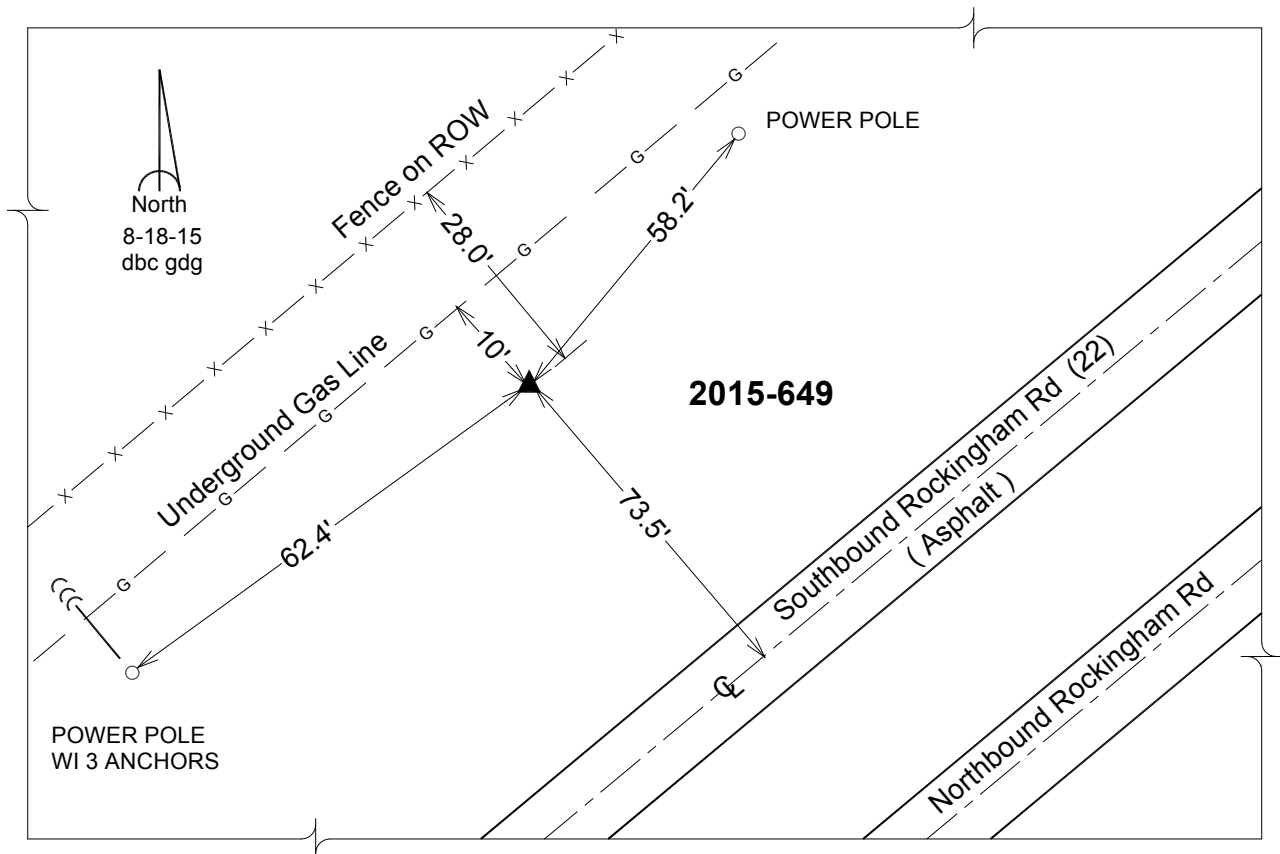
Designation: 2015-649 Scott County GPS Control Point (Set by DCI in 2015)

NAD 83(NA2011) Latitude: **N41°28'15.39076"** Longitude: **W90°39'30.34576"**
NAVD 88 Ortho Height: **564.375sft** Ellip. Ht: **456.564sft** Geoid12A

Iowa South Zone (1402) Northing: **548635.236sft** Easting: **2419005.810sft**
Mapping Angle: **1°52'18"** Combination Scale Factor: **0.999937666**

laRCS Zone 11 Northing: **8044875.419sft** Easting: **21465715.320sft**
Mapping Angle: **-0°04'58"** Combination Scale Factor: **1.0000065567**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **1000**

Designation: NGS/IaHARN, 2nd order vert station. PID: MG0328 Designation: G 70

NAD 83(NA2011) Latitude: **N41°38'44.62276"** Longitude: **W90°34'51.08685"**
NAVD 88 Ortho Height: **780.100sft** Ellip. Ht: **672.373sft** **Geoid12A**

Iowa South Zone (1402) Northing: **612990.780sft** Easting: **2438115.660sft**
Mapping Angle: **1°55'22"** Combination Scale Factor: **0.999946382**

IaRCS Zone 11 Northing: **8108545.540sft** Easting: **21487010.260sft**
Mapping Angle: **-0°01'54"** Combination Scale Factor: **0.9999951089**

Monument Type: The station is a CGS brass disk stamped "G 70 1934" and set in the top of and near the north end of the east concrete headwall of a 3'x3' box culvert.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **1001**

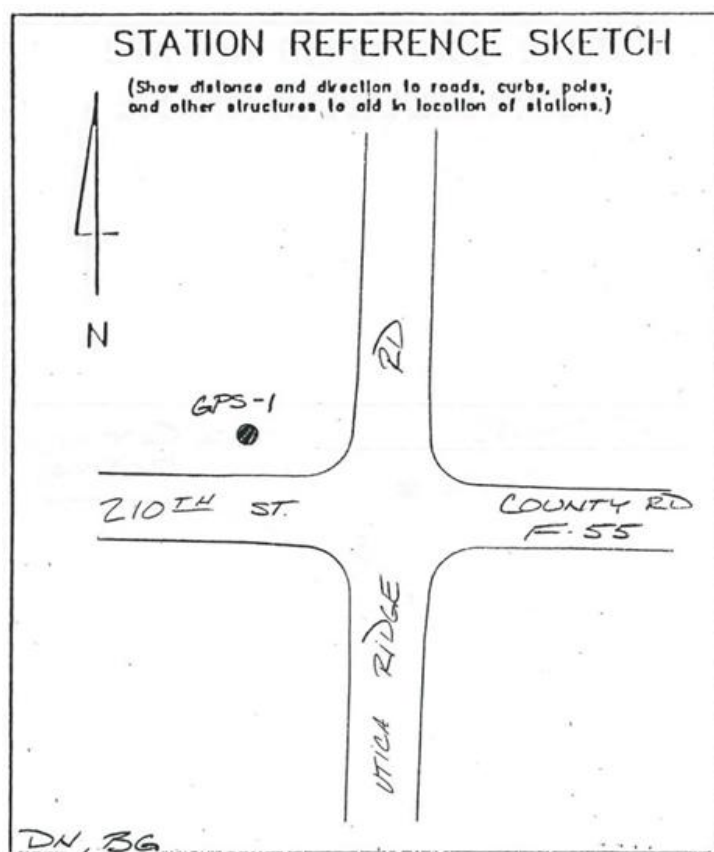
Designation: GPS-1, Bettendorf GPS (Set in 1995)

NAD 83(NA2011) Latitude: **N41°36'41.73825"** Longitude: **W90°30'09.88072"**
NAVD 88 Ortho Height: **736.880sft** Ellip. Ht: **629.039sft** Geoid12A

Iowa South Zone (1402) Northing: **601286.115sft** Easting: **2459881.309sft**
Mapping Angle: **1°58'27"** Combination Scale Factor: **0.999944004**

laRCS Zone 11 Northing: **8096104.830sft** Easting: **21508365.200sft**
Mapping Angle: **0°01'13"** Combination Scale Factor: **0.9999970637**

Monument Type: Brass cap w/rebar in 2.5ft of concrete. Rebar is 3.2ft long.



Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **1002**

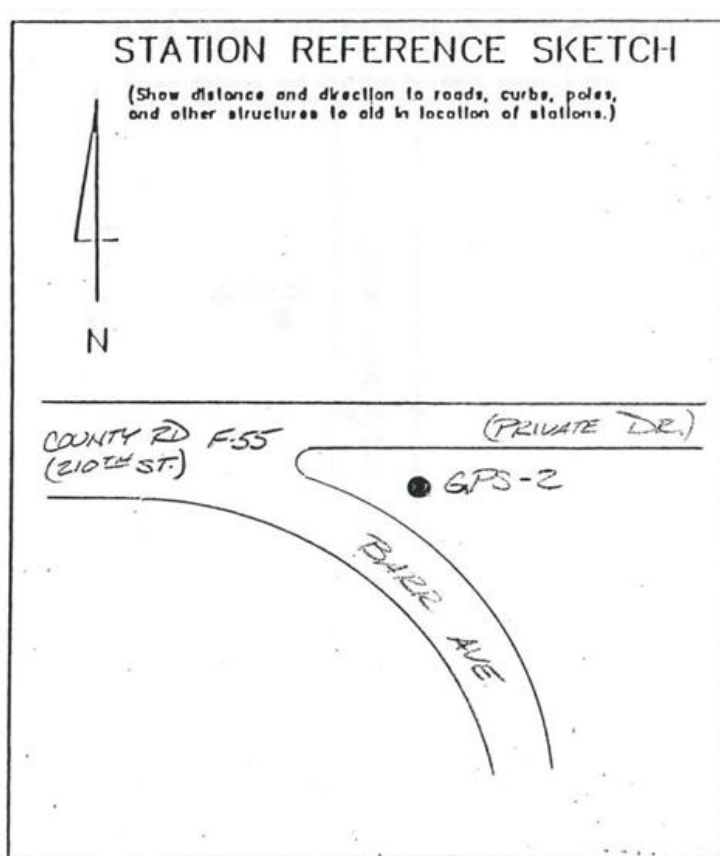
Designation: GPS-2, Bettendorf GPS (Set in 1995)

NAD 83(NA2011) Latitude: **N41°36'41.90615"** Longitude: **W90°28'34.74630"**
NAVD 88 Ortho Height: **737.790sft** Ellip. Ht: **629.912sft** Geoid12A

Iowa South Zone (1402) Northing: **601553.157sft** Easting: **2467102.883sft**
Mapping Angle: **1°59'30"** Combination Scale Factor: **0.999943968**

laRCS Zone 11 Northing: **8096125.494sft** Easting: **21515592.065sft**
Mapping Angle: **0°02'16"** Combination Scale Factor: **0.9999972199**

Monument Type: Brass cap w/rebar in 2.5ft of concrete. Rebar is 3.2ft long.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **1003**

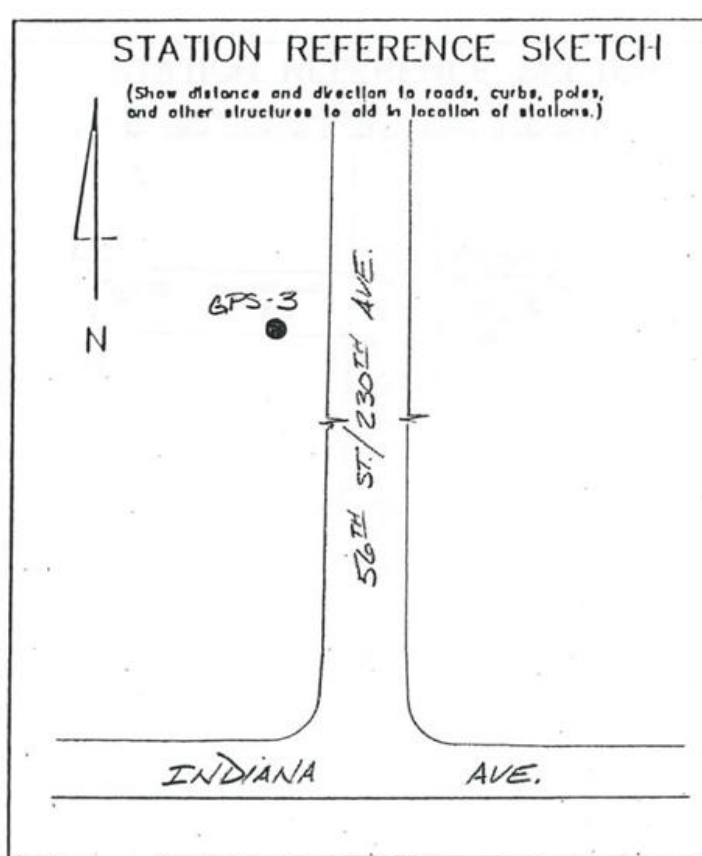
Designation: GPS-3, Bettendorf GPS (Set in 1995)

NAD 83(NA2011) Latitude: **N41°36'41.31042"** Longitude: **W90°27'07.52991"**
NAVD 88 Ortho Height: **696.570sft** Ellip. Ht: **588.660sft** Geoid12A

Iowa South Zone (1402) Northing: **601724.070sft** Easting: **2473725.989sft**
Mapping Angle: **2°00'28"** Combination Scale Factor: **0.999945915**

IaRCS Zone 11 Northing: **8096070.501sft** Easting: **21522217.501sft**
Mapping Angle: **0°03'14"** Combination Scale Factor: **0.9999994746**

Monument Type: Brass cap w/rebar in 2.5ft of concrete. Rebar is 3.5ft +/- long.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **1004**

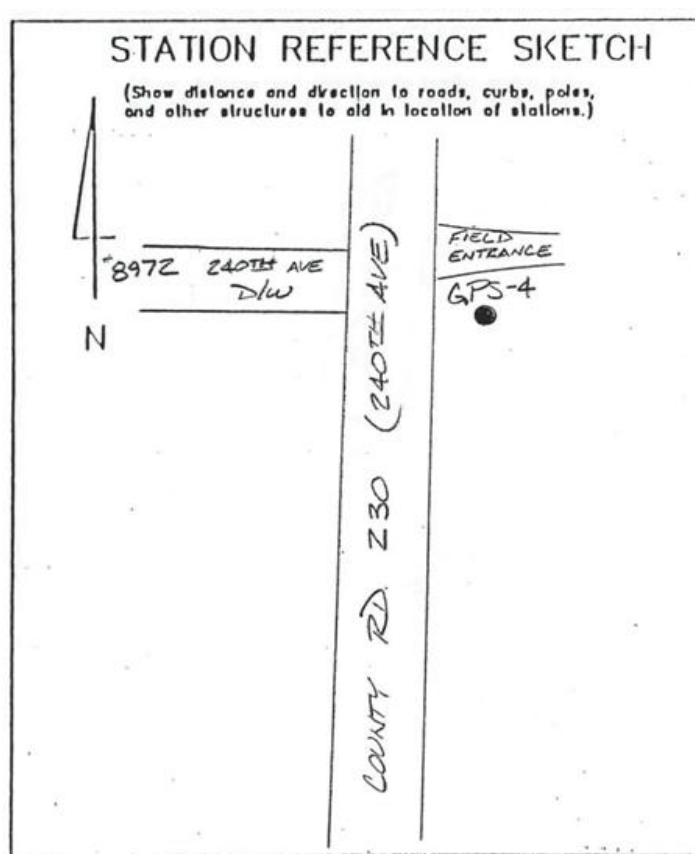
Designation: GPS-4, Bettendorf GPS (Set in 1995)

NAD 83(NA2011) Latitude: **N41°36'43.02772"** Longitude: **W90°25'57.03391"**
NAVD 88 Ortho Height: **749.770sft** Ellip. Ht: **641.833sft** Geoid12A

Iowa South Zone (1402) Northing: **602085.983sft** Easting: **2479071.499sft**
Mapping Angle: **2°01'14"** Combination Scale Factor: **0.999943438**

laRCS Zone 11 Northing: **8096249.979sft** Easting: **21527572.529sft**
Mapping Angle: **0°04'01"** Combination Scale Factor: **0.9999972420**

Monument Type: Brass cap w/rebar in 2.5ft of concrete. Rebar is 3.5ft +/- long.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **1005**

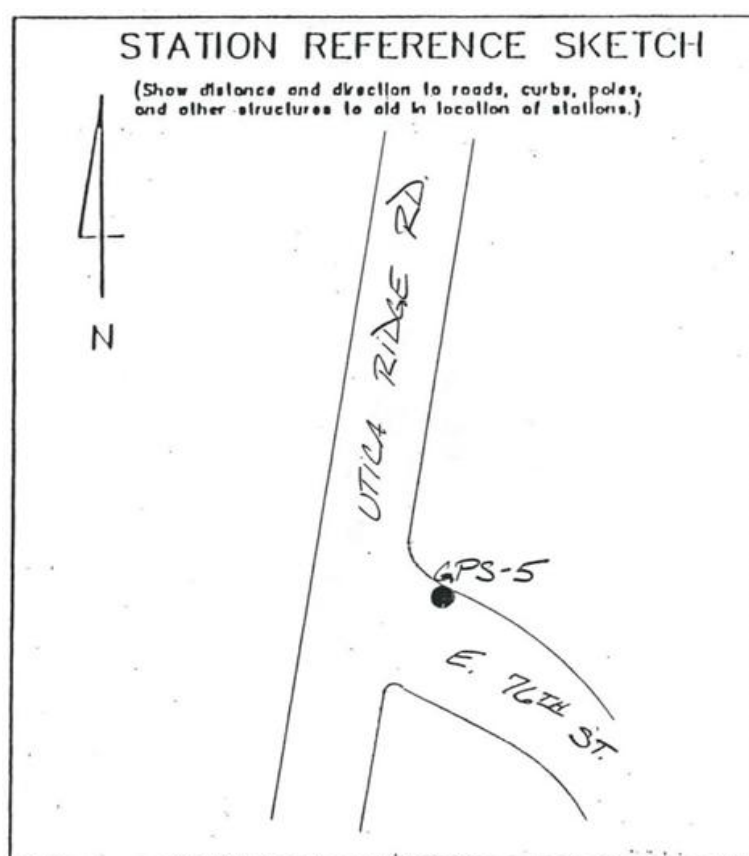
Designation: GPS-5, Bettendorf GPS (Set in 1995)

NAD 83(NA2011) Latitude: **N41°35'52.15936"** Longitude: **W90°30'23.21176"**
NAVD 88 Ortho Height: **732.510sft** Ellip. Ht: **624.686sft** Geoid12A

Iowa South Zone (1402) Northing: **596236.039sft** Easting: **2459041.940sft**
Mapping Angle: **1°58'19"** Combination Scale Factor: **0.999942518**

IaRCS Zone 11 Northing: **8091086.040sft** Easting: **21507354.072sft**
Mapping Angle: **0°01'04"** Combination Scale Factor: **0.9999972533**

Monument Type: Brass cap w/rebar in 2.5ft of concrete. Rebar is 3.5ft +/- long.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **1006**

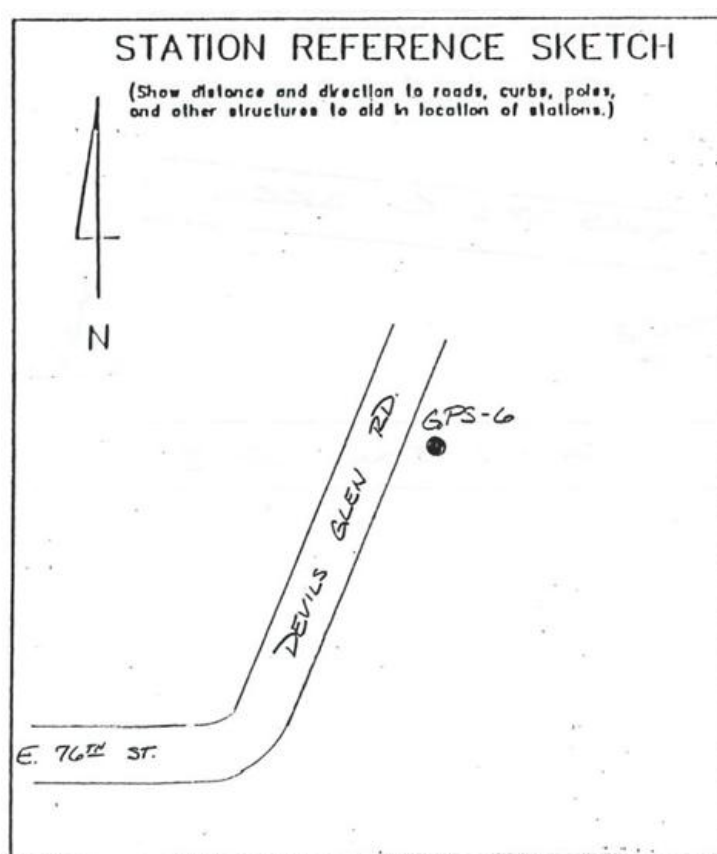
Designation: GPS-6, Bettendorf GPS (Set in 1995)

NAD 83(NA2011) Latitude: **N41°35'54.19064"** Longitude: **W90°28'56.88896"**
NAVD 88 Ortho Height: **743.670sft** Ellip. Ht: **635.812sft** Geoid12A

Iowa South Zone (1402) Northing: **596668.087sft** Easting: **2465589.432sft**
Mapping Angle: **1°59'16"** Combination Scale Factor: **0.999942056**

IaRCS Zone 11 Northing: **8091294.603sft** Easting: **21513912.848sft**
Mapping Angle: **0°02'02"** Combination Scale Factor: **0.9999968817**

Monument Type: Brass cap w/rebar in 2.5ft of concrete. Rebar is 3.5ft +/- long.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **1007**

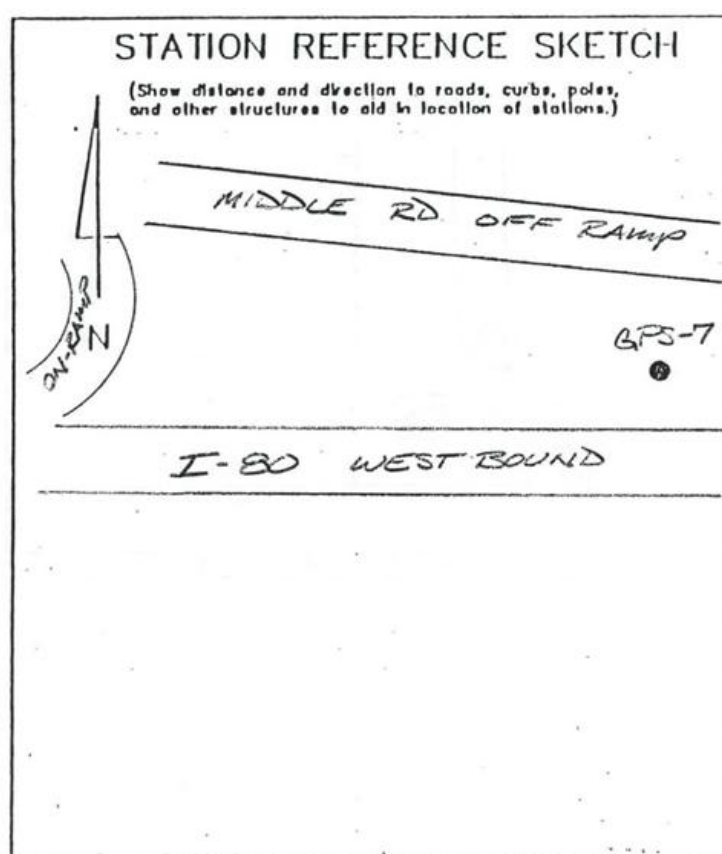
Designation: GPS-7, Bettendorf GPS (Set in 1995)

NAD 83(NA2011) Latitude: **N41°35'51.20249"** Longitude: **W90°27'14.59189"**
NAVD 88 Ortho Height: **692.380sft** Ellip. Ht: **584.485sft** Geoid12A

Iowa South Zone (1402) Northing: **596636.662sft** Easting: **2473367.447sft**
Mapping Angle: **2°00'23"** Combination Scale Factor: **0.999944404**

laRCS Zone 11 Northing: **8090997.999sft** Easting: **21521685.697sft**
Mapping Angle: **0°03'09"** Combination Scale Factor: **0.9999996471**

Monument Type: Brass cap w/rebar in 2.5ft of concrete. Rebar is 3.5ft +/- long.



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa
Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **1008**

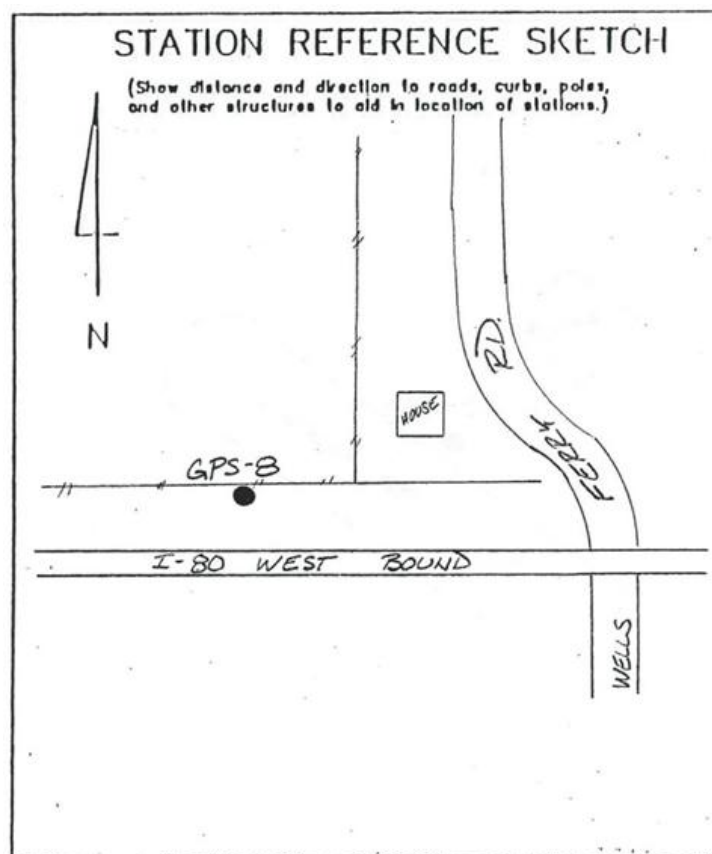
Designation: GPS-8, Bettendorf GPS (Set in 1995)

NAD 83(NA2011) Latitude: **N41°35'53.04997"** Longitude: **W90°25'58.83279"**
NAVD 88 Ortho Height: **716.640sft** Ellip. Ht: **608.713sft** Geoid12A

Iowa South Zone (1402) Northing: **597025.756sft** Easting: **2479113.266sft**
Mapping Angle: **2°01'13"** Combination Scale Factor: **0.999943310**

IaRCS Zone 11 Northing: **8091190.993sft** Easting: **21527441.760sft**
Mapping Angle: **0°04'00"** Combination Scale Factor: **0.9999988141**

Monument Type: Brass cap w/rebar in 2.5ft of concrete. Rebar is 3.5ft +/- long.



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **1009**

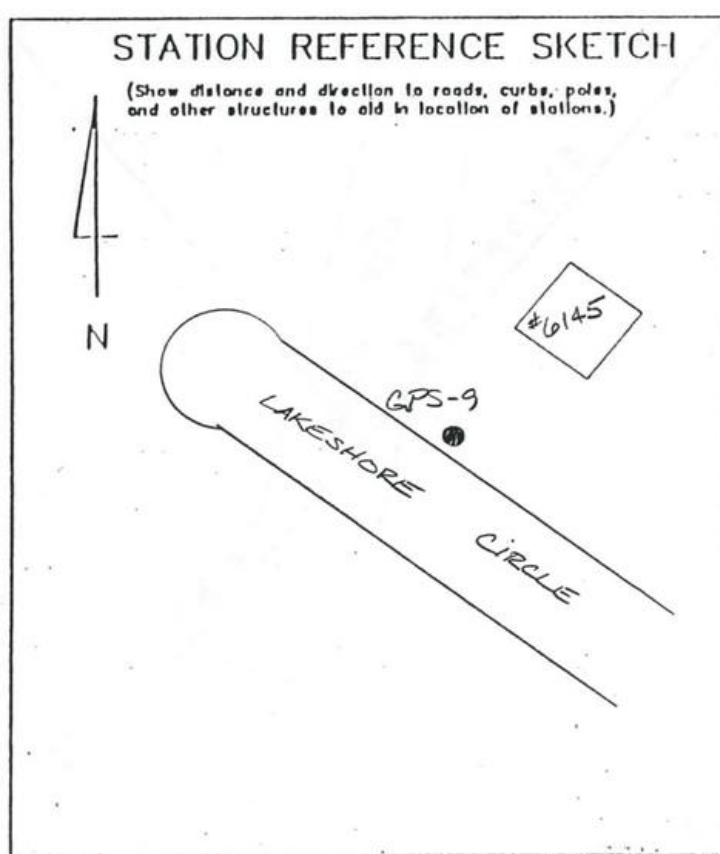
Designation: GPS-9, Bettendorf GPS (Set in 1995)

NAD 83(NA2011) Latitude: **N41°35'04.43746"** Longitude: **W90°30'54.13113"**
NAVD 88 Ortho Height: **722.930sft** Ellip. Ht: **615.125sft** Geoid12A

Iowa South Zone (1402) Northing: **591327.962sft** Easting: **2456859.893sft**
Mapping Angle: **1°57'58"** Combination Scale Factor: **0.999941400**

laRCS Zone 11 Northing: **8086254.951sft** Easting: **21505005.810sft**
Mapping Angle: **0°00'44"** Combination Scale Factor: **0.9999976763**

Monument Type: Brass disc w/rebar in concrete



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **1010**

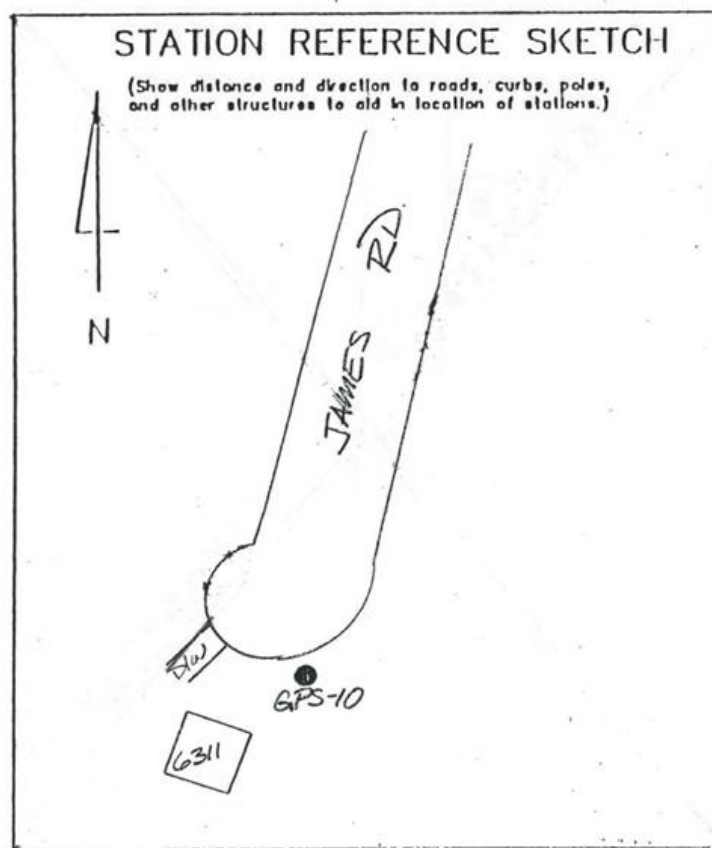
Designation: GPS-10, Bettendorf GPS (Set in 1995)

NAD 83(NA2011) Latitude: **N41°35'07.96288"** Longitude: **W90°30'04.88618"**
NAVD 88 Ortho Height: **702.910sft** Ellip. Ht: **595.087sft** Geoid12A

Iowa South Zone (1402) Northing: **591813.267sft** Easting: **2460587.619sft**
Mapping Angle: **1°58'31"** Combination Scale Factor: **0.999942470**

IaRCS Zone 11 Northing: **8086612.888sft** Easting: **21508748.126sft**
Mapping Angle: **0°01'16"** Combination Scale Factor: **0.9999986912**

Monument Type: Rebar in concrete (Brass disc is gone).



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **1011 (Destroyed)**

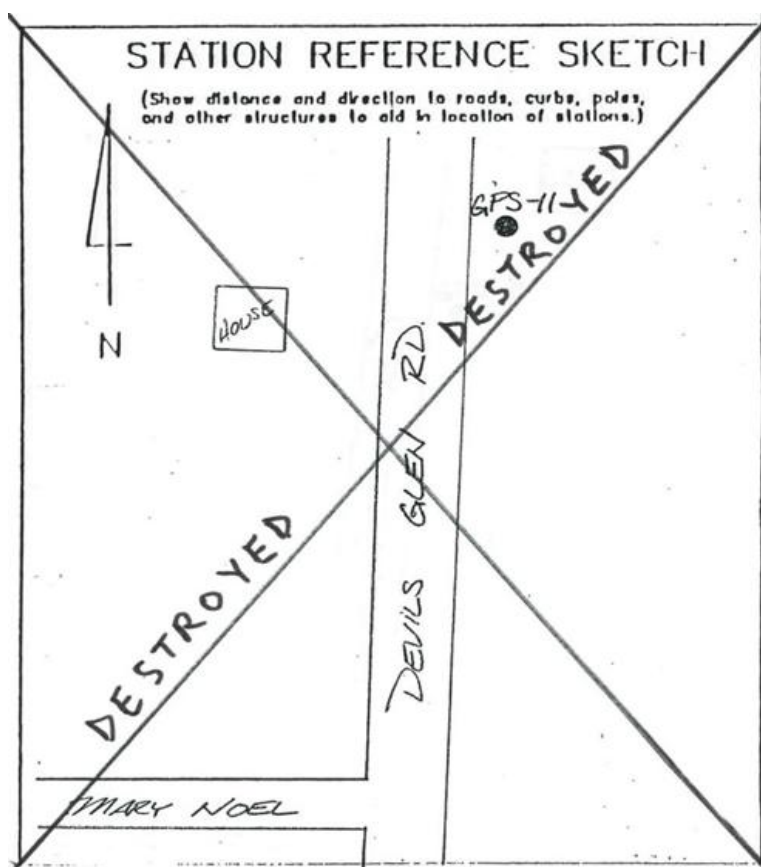
Designation: GPS-11, Bettendorf GPS (Set in 1995)

~~NAD 83(NA2011) Latitude: **41°35'06.84280"N** Longitude: **90°29'00.42562"W**~~
~~NAVD 88 Ortho Height: **724.840sft** Ellip. Ht: **617.181sft** Geoid**12A**~~

~~Iowa South Zone (1402) Northing: **591869.303sft** Easting: **2465487.056sft**~~
~~Mapping Angle: **N/A** Combination Scale Factor: **N/A**~~

~~IaRCS Zone 11 Northing: **N/A**sft Easting: **N/A**sft~~
~~Mapping Angle: **N/A** Combination Scale Factor: **N/A**~~

Monument Type: Brass disc w/rebar in concrete



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **1012**

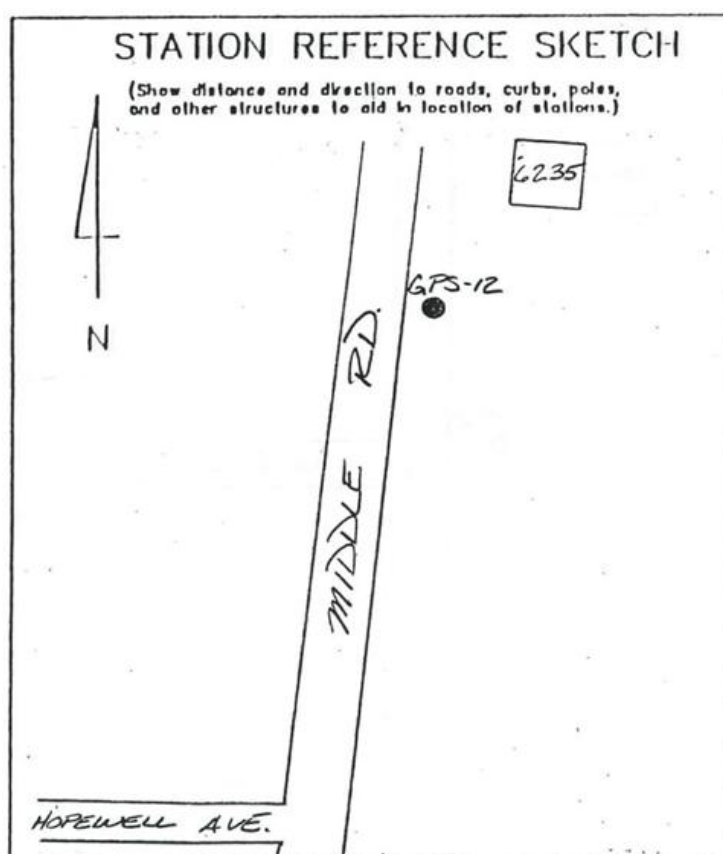
Designation: GPS-12, Bettendorf GPS (Set in 1995)

NAD 83(NA2011) Latitude: **N41°35'05.32552"** Longitude: **W90°27'44.95419"**
NAVD 88 Ortho Height: **718.310sft** Ellip. Ht: **610.439sft** Geoid12A

Iowa South Zone (1402) Northing: **591915.371sft** Easting: **2471224.136sft**
Mapping Angle: **2°00'03"** Combination Scale Factor: **0.999941652**

IaRCS Zone 11 Northing: **8086352.264sft** Easting: **21519382.540sft**
Mapping Angle: **0°02'49"** Combination Scale Factor: **0.9999983006**

Monument Type: Brass disc w/rebar in concrete



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
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2015

Point Name: **1013**

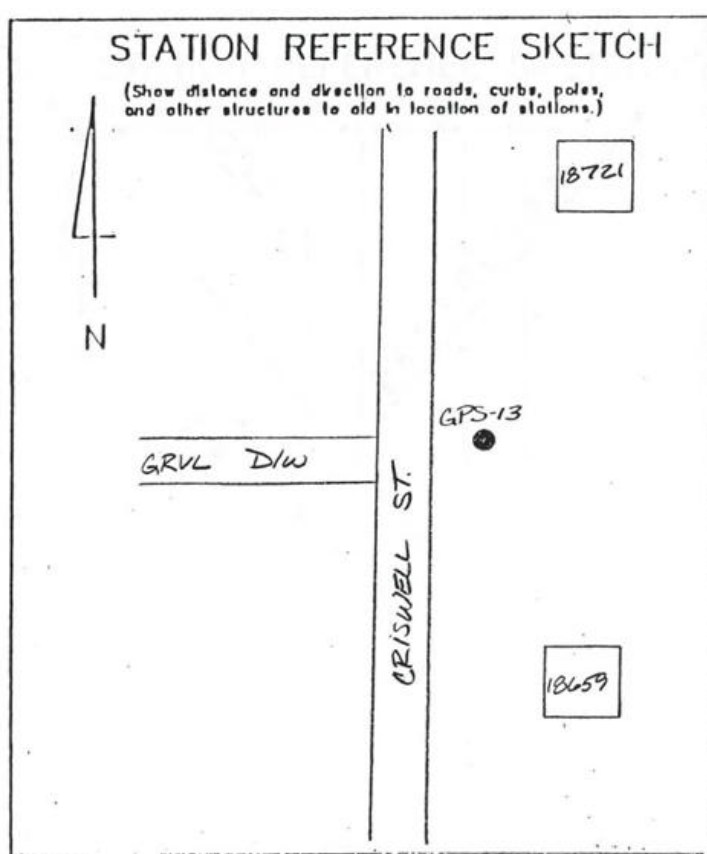
Designation: GPS-13, Bettendorf GPS (Set in 1995)

NAD 83(NA2011) Latitude: **N41°34'43.55834"** Longitude: **W90°26'05.59020"**
NAVD 88 Ortho Height: **692.850sft** Ellip. Ht: **584.942sft** Geoid**12A**

Iowa South Zone (1402) Northing: **589978.391sft** Easting: **2478847.981sft**
Mapping Angle: **2°01'08"** Combination Scale Factor: **0.999942168**

laRCS Zone 11 Northing: **8084156.370sft** Easting: **21526936.349sft**
Mapping Angle: **0°03'55"** Combination Scale Factor: **0.9999999170**

Monument Type: Brass disc w/rebar in concrete



Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**

Iowa State Plane South Zone (1402)

Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport

US Survey Feet

2015

Point Name: **1014 (Destroyed)**

Designation: GPS-14, Bettendorf GPS (Set in 1995)

~~NAD 83(NA2011) Latitude: **41°34'10.78960"N** Longitude: **90°31'21.40541"W**~~

~~NAVD 88 Ortho Height: **648.330sft** Ellip. Ht: **540.720sft** Geoid**12A**~~

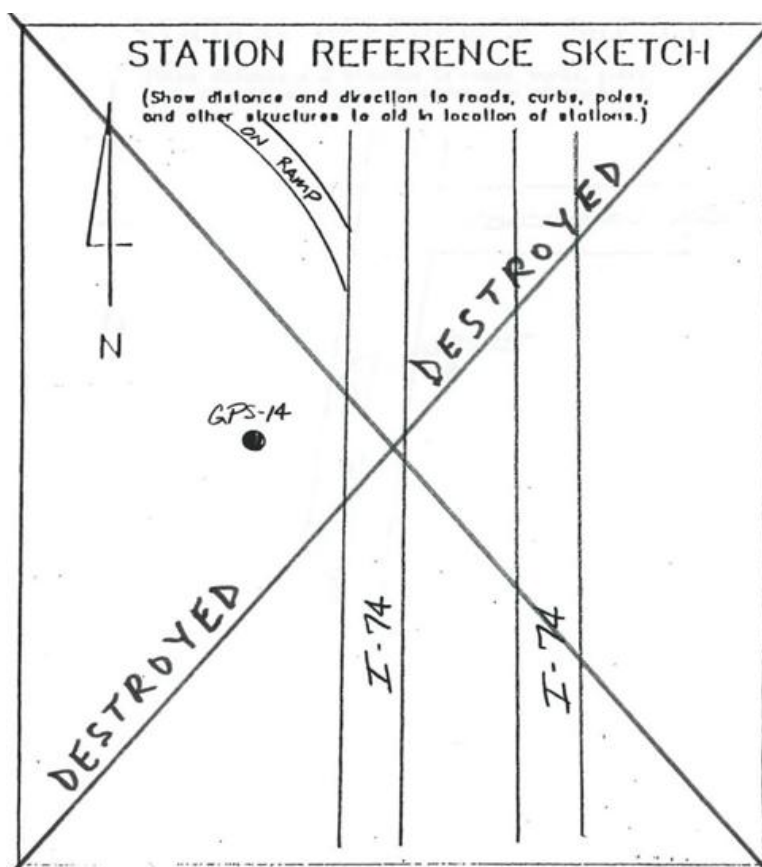
~~Iowa South Zone (1402) Northing: **585830.137sft** Easting: **2454974.305sft**~~

~~Mapping Angle: **N/A** Combination Scale Factor: **N/A**~~

~~IaRCS Zone 11 Northing: **N/A**sft Easting: **N/A**sft~~

~~Mapping Angle: **N/A** Combination Scale Factor: **N/A**~~

Monument Type: Brass disc w/rebar in concrete



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **1015**

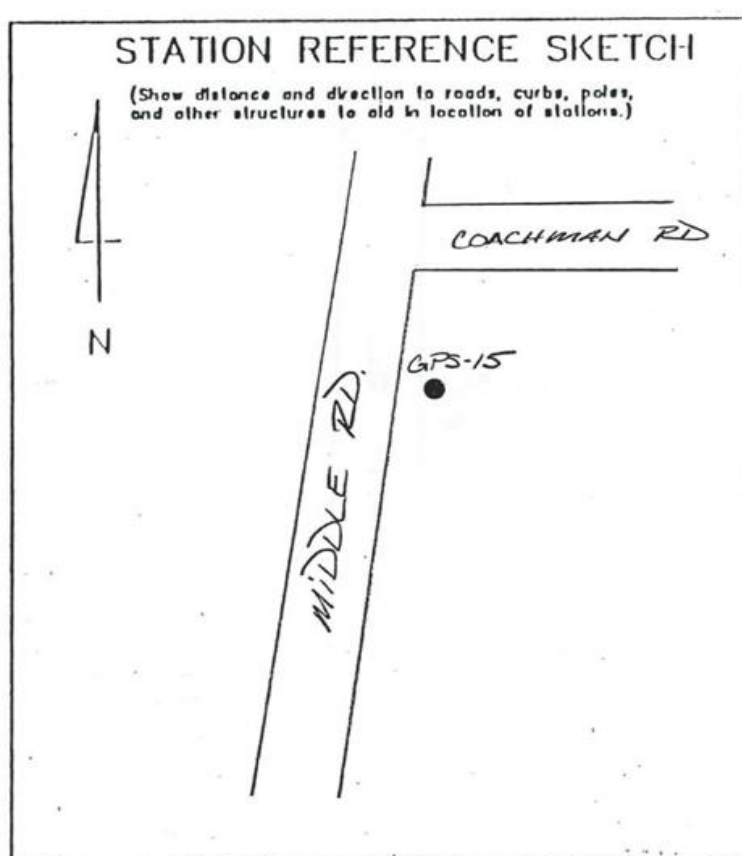
Designation: GPS-15, Bettendorf GPS (Set in 1995)

NAD 83(NA2011) Latitude: **N41°34'15.43515"** Longitude: **W90°27'50.25927"**
NAVD 88 Ortho Height: **699.490sft** Ellip. Ht: **591.630sft** Geoid12A

Iowa South Zone (1402) Northing: **586854.706sft** Easting: **2470997.455sft**
Mapping Angle: **1°59'59"** Combination Scale Factor: **0.999940960**

IaRCS Zone 11 Northing: **8081301.979sft** Easting: **21518983.431sft**
Mapping Angle: **0°02'46"** Combination Scale Factor: **0.9999991805**

Monument Type: Brass disc w/rebar in concrete



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Scott County, Iowa
Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **1016**

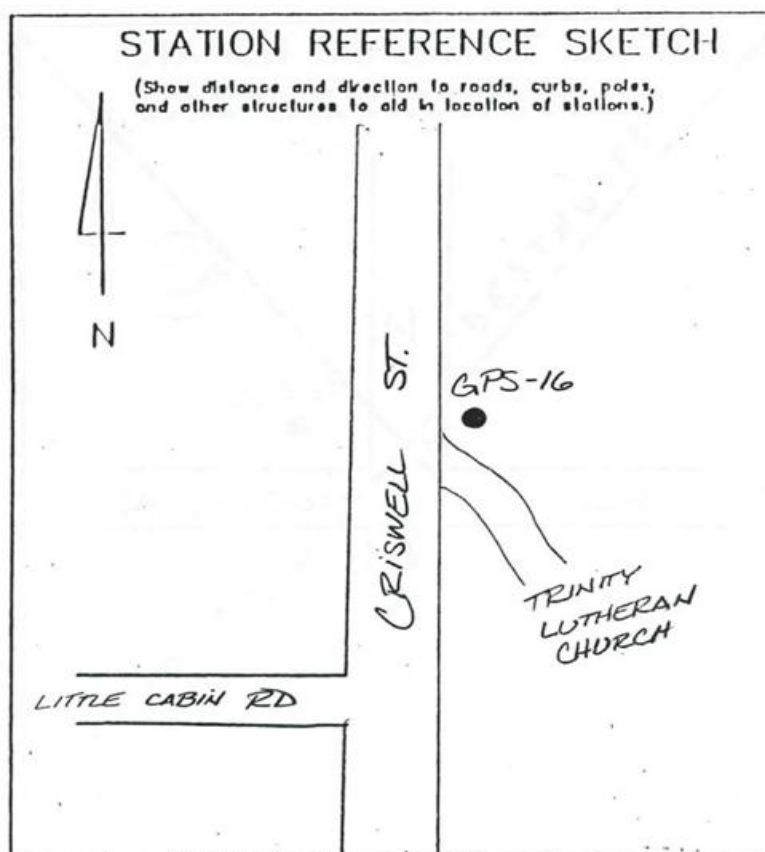
Designation: GPS-16, Bettendorf GPS (Set in 1995)

NAD 83(NA2011) Latitude: **N41°34'15.82194"** Longitude: **W90°26'05.67335"**
NAVD 88 Ortho Height: **686.670sft** Ellip. Ht: **578.761sft** Geoid12A

Iowa South Zone (1402) Northing: **587172.565sft** Easting: **2478940.570sft**
Mapping Angle: **2°01'08"** Combination Scale Factor: **0.999941586**

IaRCS Zone 11 Northing: **8081348.855sft** Easting: **21526933.230sft**
Mapping Angle: **0°03'55"** Combination Scale Factor: **1.000002117**

Monument Type: Brass disc w/rebar in concrete



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**

Iowa State Plane South Zone (1402)

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2015

Point Name: **1017 (Destroyed)**

Designation: GPS-17, Bettendorf GPS (Set in 1995)

~~NAD 83(NA2011) Latitude: **41°33'37.46311"N** Longitude: **90°31'03.20729"W**~~

~~NAVD 88 Ortho Height: **699.710**sft Ellip. Ht: **592.094**sft Geoid **12A**~~

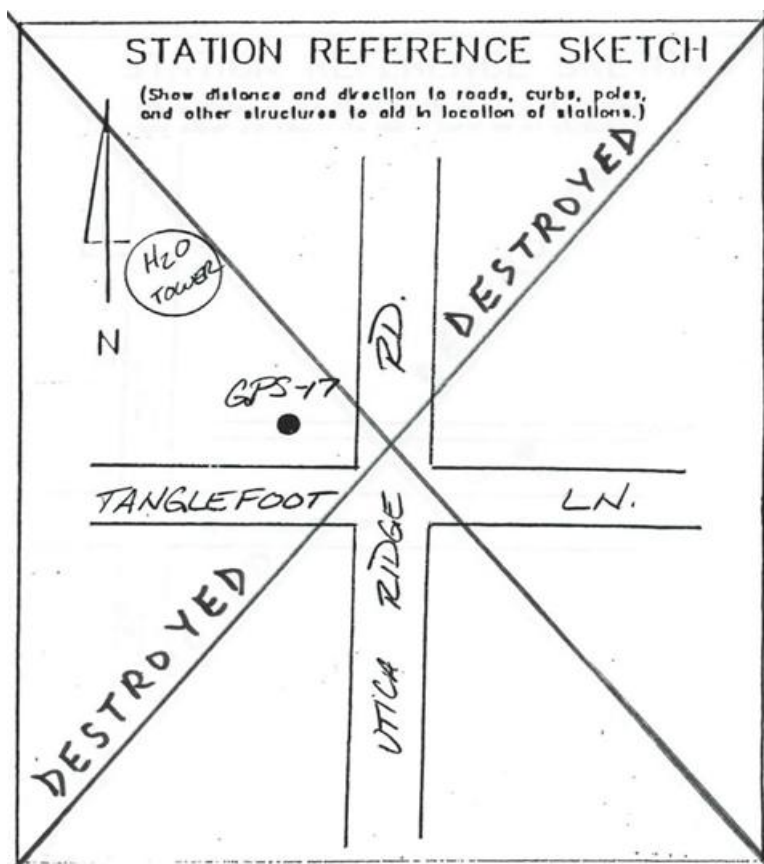
~~Iowa South Zone (1402) Northing: **582506.360**sft Easting: **2456472.359**sft~~

~~Mapping Angle: **N/A** Combination Scale Factor: **N/A**~~

~~IaRCS Zone 11 Northing: **N/A**sft Easting: **N/A**sft~~

~~Mapping Angle: **N/A** Combination Scale Factor: **N/A**~~

Monument Type: Brass disc w/rebar in concrete



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**

Iowa State Plane South Zone (1402)

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2015

Point Name: **1018 (Destroyed)**

Designation: GPS-18, Bettendorf GPS (Set in 1995)

~~NAD 83(NA2011) Latitude: 41°33'38.41192"N Longitude: 90°29'49.65088"W~~

~~NAVD 88 Ortho Height: 648.370sft Ellip. Ht: 540.732sft Geoid12A~~

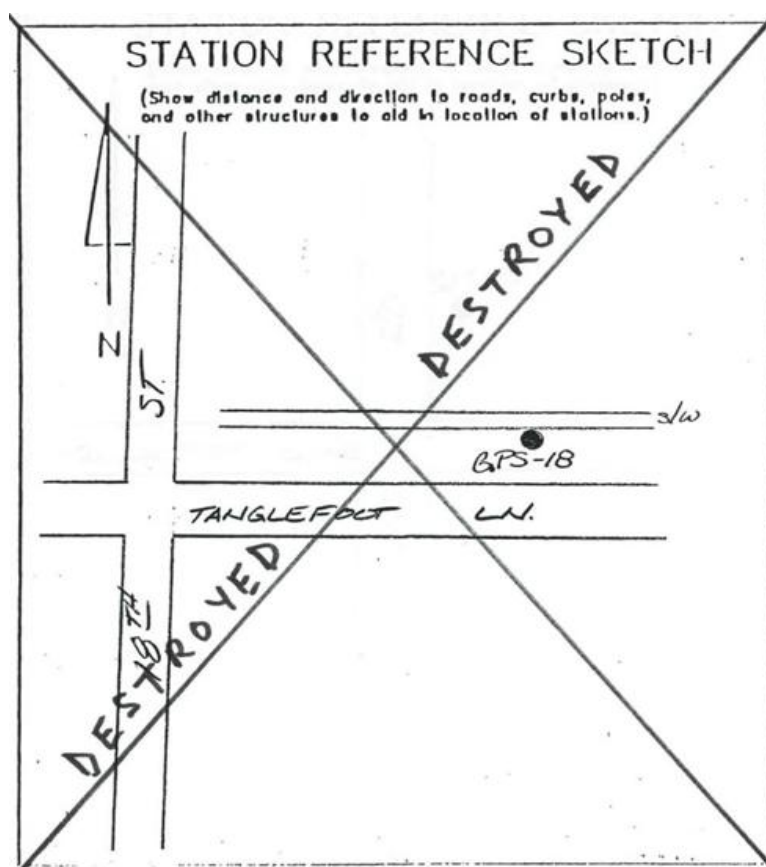
~~Iowa South Zone (1402) Northing: 582794.684sft Easting: 2462057.526sft~~

~~Mapping Angle: N/A Combination Scale Factor: N/A~~

~~IaRCS Zone 11 Northing: N/Asft Easting: N/Asft~~

~~Mapping Angle: N/A Combination Scale Factor: N/A~~

Monument Type: Brass disc w/rebar in concrete



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **1019**

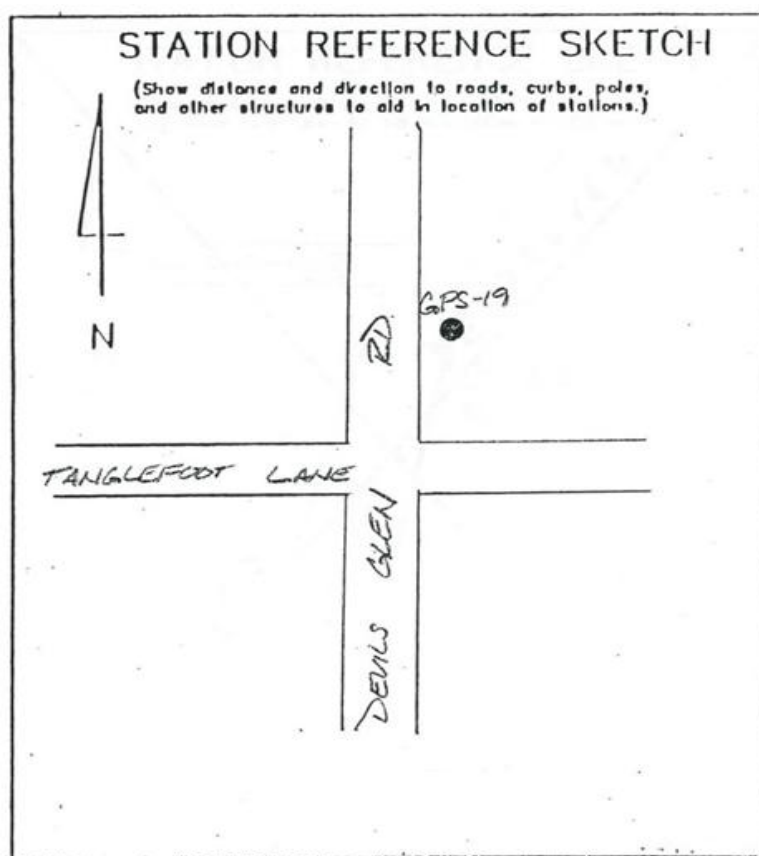
Designation: GPS-19, Bettendorf GPS

NAD 83(NA2011) Latitude: **N41°33'41.33254"** Longitude: **W90°29'00.05498"**
NAVD 88 Ortho Height: **667.080sft** Ellip. Ht: **559.254sft** Geoid12A

Iowa South Zone (1402) Northing: **583220.549sft** Easting: **2465815.305sft**
Mapping Angle: **1°59'13"** Combination Scale Factor: **0.999941451**

laRCS Zone 11 Northing: **8077846.417sft** Easting: **21513680.078sft**
Mapping Angle: **0°01'59"** Combination Scale Factor: **1.0000005274**

Monument Type: Driven rod with bullet nose point encased in PVC sleeve with cover.



Scott County, Iowa
Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
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2015

Point Name: **1020 (Destroyed)**

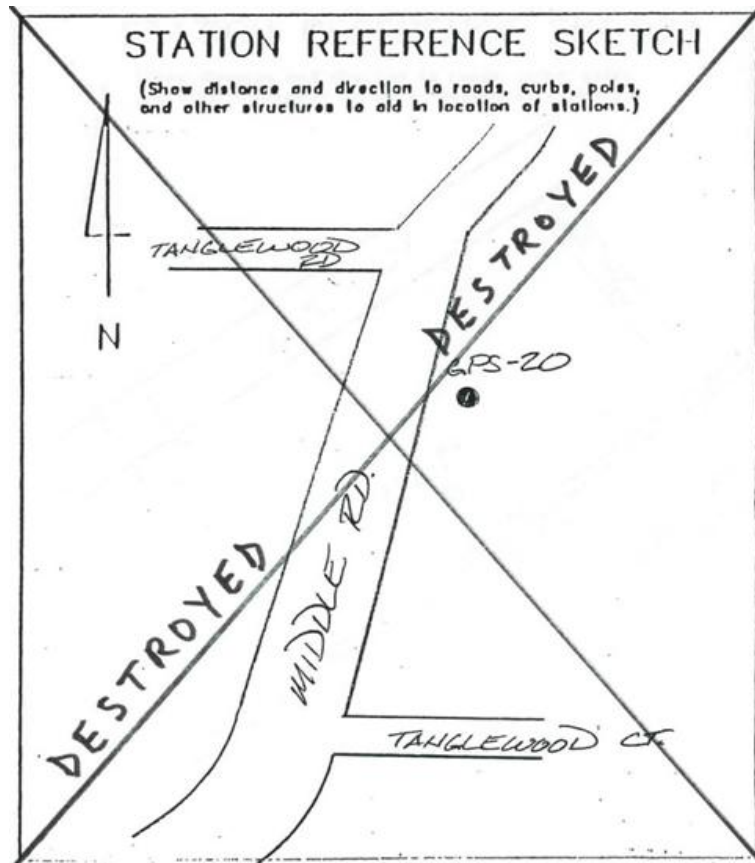
Designation: GPS-20, Bettendorf GPS (Set in 1995)

~~NAD 83(NA2011) Latitude: **41°33'40.63535"N** Longitude: **90°28'03.39154"W**
NAVD 88 Ortho Height: **620.790sft** Ellip. Ht: **513.119sft** Geoid12A~~

~~Iowa South Zone (1402) Northing: **583299.773sft** Easting: **2470122.669sft**
Mapping Angle: **N/A** Combination Scale Factor: **N/A**~~

~~IaRCS Zone 11 Northing: **N/A**sft Easting: **N/A**sft
Mapping Angle: **N/A** Combination Scale Factor: **N/A**~~

Monument Type: Brass disc w/rebar in concrete



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
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2015

Point Name: **1021**

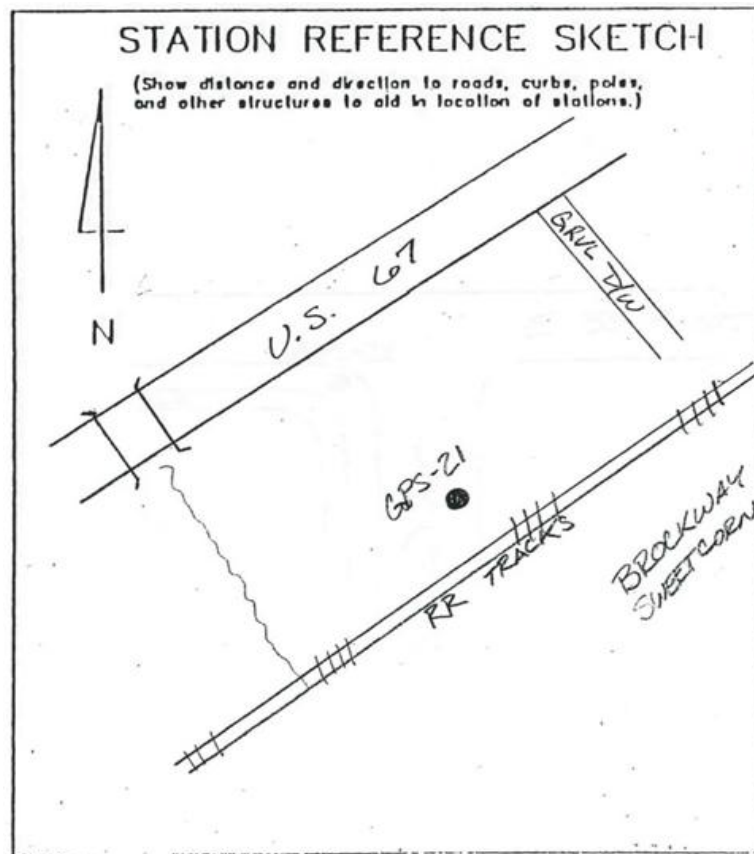
Designation: GPS-21, Bettendorf GPS (Set in 1995)

NAD 83(NA2011) Latitude: **N41°33'40.85807"** Longitude: **W90°26'06.05636"**
NAVD 88 Ortho Height: **579.970sft** Ellip. Ht: **472.065sft** Geoid12A

Iowa South Zone (1402) Northing: **583634.869sft** Easting: **2479036.148sft**
Mapping Angle: **2°01'08"** Combination Scale Factor: **0.999945597**

laRCS Zone 11 Northing: **8077809.748sft** Easting: **21526908.146sft**
Mapping Angle: **0°03'55"** Combination Scale Factor: **1.000053013**

Monument Type: Brass disc w/rebar in concrete



Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
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2015

Point Name: **1022**

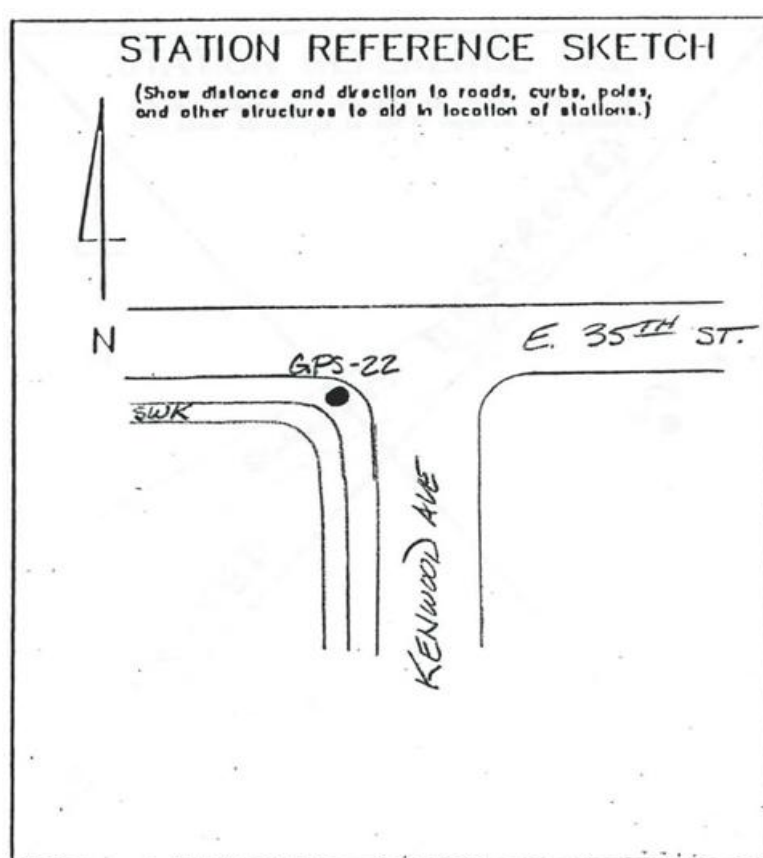
Designation: GPS-22, Bettendorf GPS (Set in 1995)

NAD 83(NA2011) Latitude: **N41°33'21.51132"** Longitude: **W90°32'10.34567"**
NAVD 88 Ortho Height: **668.890sft** Ellip. Ht: **561.117sft** Geoid12A

Iowa South Zone (1402) Northing: **580718.322sft** Easting: **2451426.455sft**
Mapping Angle: **1°57'08"** Combination Scale Factor: **0.999940763**

laRCS Zone 11 Northing: **8075836.152sft** Easting: **21499213.418sft**
Mapping Angle: **-0°00'07"** Combination Scale Factor: **1.000002254**

Monument Type: Brass disc w/rebar in concrete



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
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2015

Point Name: **1023 (Destroyed)**

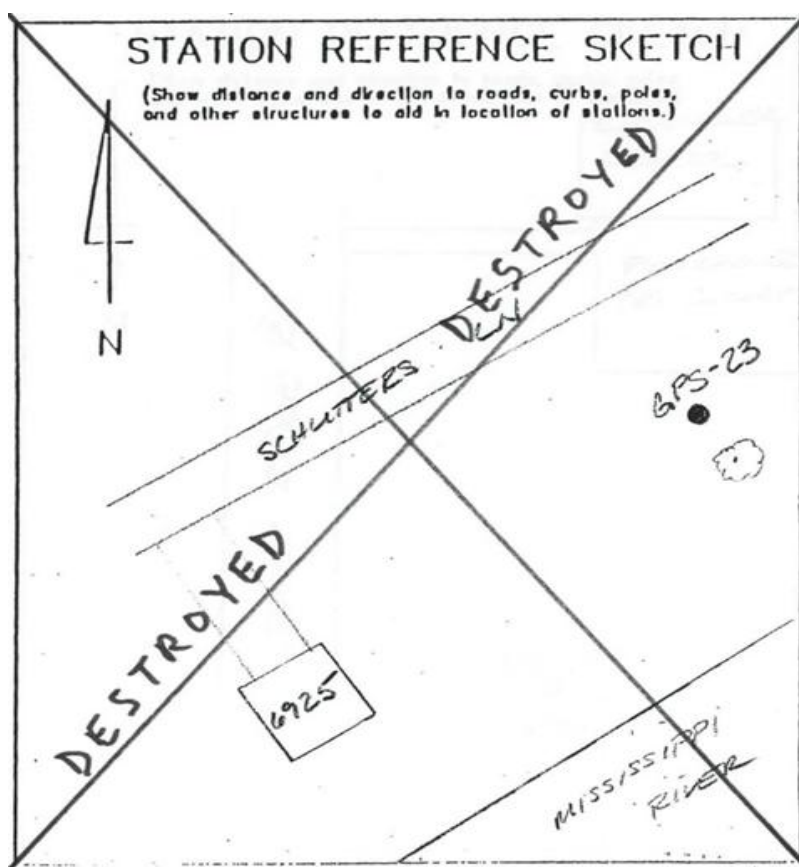
Designation: GPS-23, Bettendorf GPS (Set in 1995)

~~NAD 83(NA2011) Latitude: **41°33'14.42434"N** Longitude: **90°26'10.57716"W**
NAVD 88 Ortho Height: **579.120sft** Ellip. Ht: **471.556sft** Geoid**12A**~~

~~Iowa South Zone (1402) Northing: **580948.940sft** Easting: **2478786.910sft**
Mapping Angle: **2°01'05"** Combination Scale Factor: **0.999944820**~~

~~IaRCS Zone 11 Northing: **N/Asft** Easting: **N/Asft**
Mapping Angle: **N/A** Combination Scale Factor: **N/A**~~

Monument Type: Brass disc w/rebar in concrete



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
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Point Name: **1024**

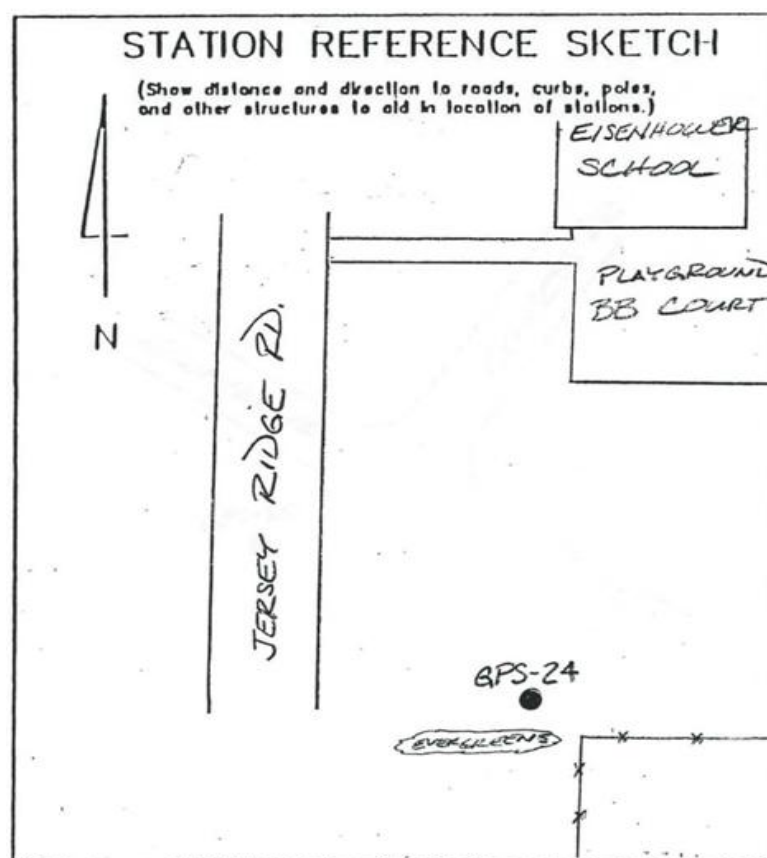
Designation: GPS-24, Bettendorf GPS (Set in 1995)

NAD 83(NA2011) Latitude: **N41°32'51.09101"** Longitude: **W90°32'28.89960"**
NAVD 88 Ortho Height: **638.240sft** Ellip. Ht: **530.471sft** Geoid12A

Iowa South Zone (1402) Northing: **577593.112sft** Easting: **2450121.407sft**
Mapping Angle: **1°56'56"** Combination Scale Factor: **0.999941323**

IaRCS Zone 11 Northing: **8072757.079sft** Easting: **21497802.474sft**
Mapping Angle: **-0°00'19"** Combination Scale Factor: **1.0000016925**

Monument Type: Brass cap w/rebar in 2.5ft x 8in dia. of concrete. Rebar is 3.2ft long.



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
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2015

Point Name: **1025**

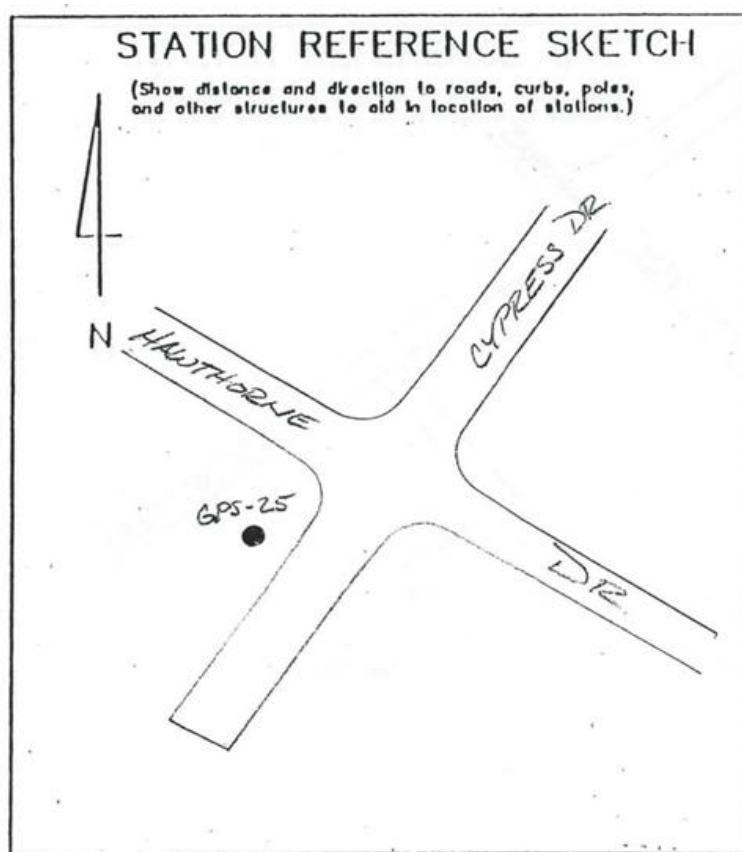
Designation: GPS-25, Bettendorf GPS (Set in 1995)

NAD 83(NA2011) Latitude: **N41°32'51.73514"** Longitude: **W90°31'10.52537"**
NAVD 88 Ortho Height: **621.580sft** Ellip. Ht: **513.793sft** Geoid12A

Iowa South Zone (1402) Northing: **577861.672sft** Easting: **2456074.919sft**
Mapping Angle: **1°57'48"** Combination Scale Factor: **0.999942137**

laRCS Zone 11 Northing: **8072822.475sft** Easting: **21503762.041sft**
Mapping Angle: **0°00'33"** Combination Scale Factor: **1.000024989**

Monument Type: Brass disc w/rebar in concrete



Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
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2015

Point Name: **1026**

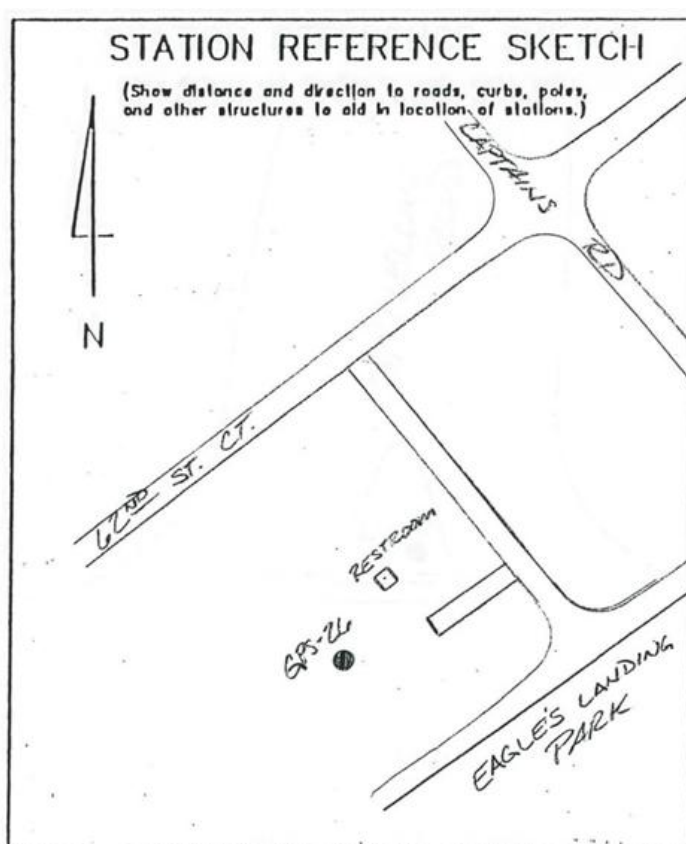
Designation: GPS-26, Bettendorf GPS (Set in 1995)

NAD 83(NA2011) Latitude: **N41°32'56.42971"** Longitude: **W90°26'32.60318"**
NAVD 88 Ortho Height: **574.460sft** Ellip. Ht: **466.574sft** Geoid12A

Iowa South Zone (1402) Northing: **579069.836sft** Easting: **2477177.364sft**
Mapping Angle: **2°00'51"** Combination Scale Factor: **0.999944528**

laRCS Zone 11 Northing: **8073310.466sft** Easting: **21524894.690sft**
Mapping Angle: **0°03'37"** Combination Scale Factor: **1.000054441**

Monument Type: Brass disc w/rebar in concrete



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
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Point Name: **1027**

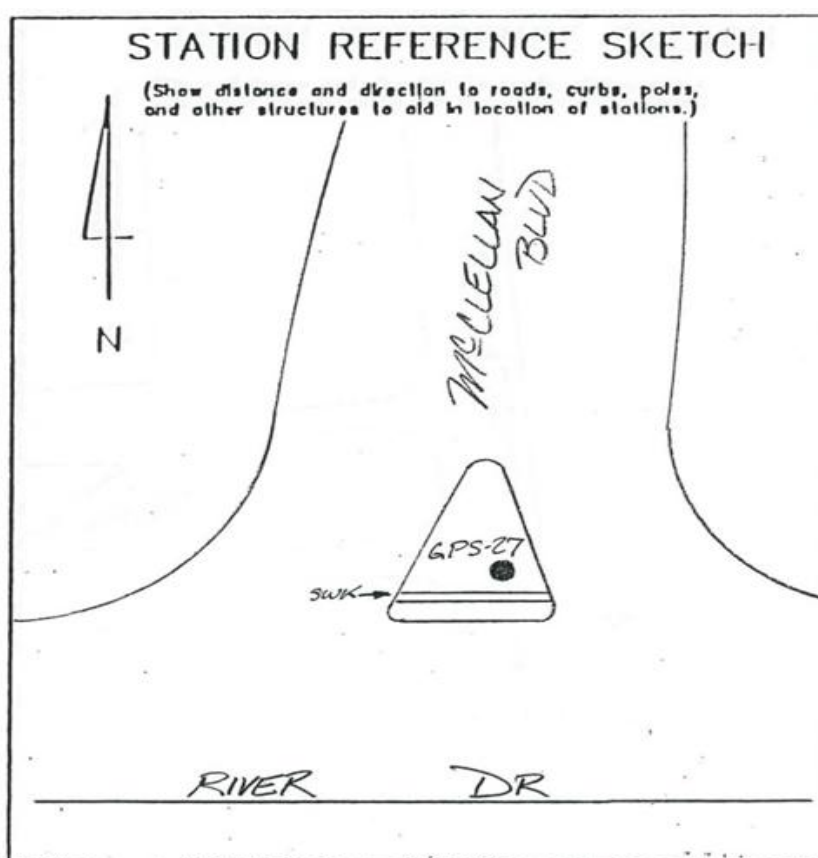
Designation: GPS-27, Bettendorf GPS (Set in 1995)

NAD 83(NA2011) Latitude: **N41°31'44.02472"** Longitude: **W90°32'17.64267"**
NAVD 88 Ortho Height: **577.580sft** Ellip. Ht: **469.807sft** Geoid12A

Iowa South Zone (1402) Northing: **570838.111sft** Easting: **2451207.925sft**
Mapping Angle: **1°57'03"** Combination Scale Factor: **0.999942305**

laRCS Zone 11 Northing: **8065968.539sft** Easting: **21498658.066sft**
Mapping Angle: **-0°00'12"** Combination Scale Factor: **1.0000045837**

Monument Type: Brass disc w/rebar in concrete



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

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Iowa State Plane South Zone (1402)
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Point Name: **1028**

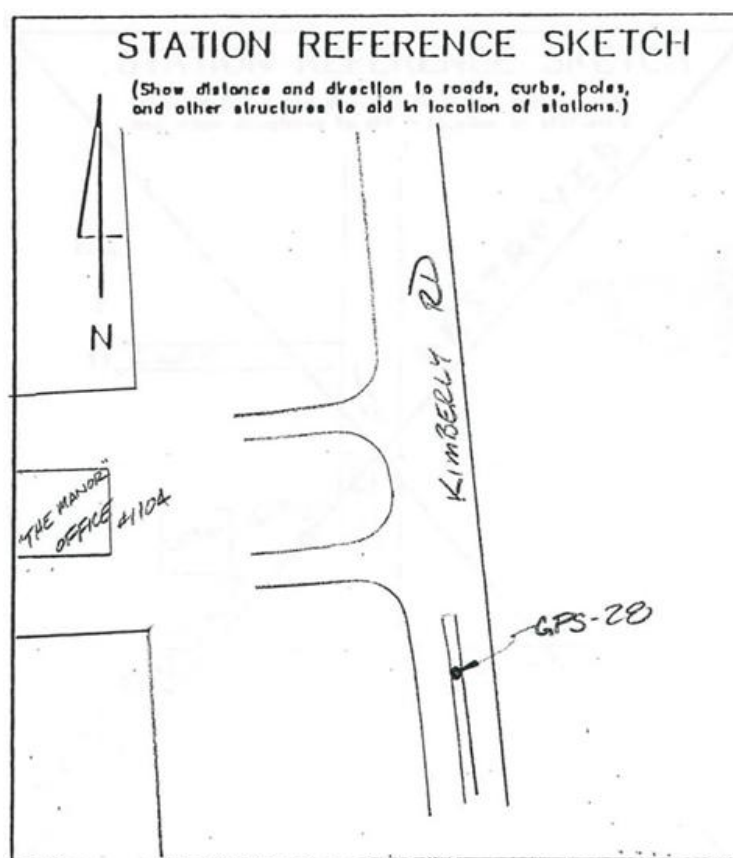
Designation: GPS-28, Bettendorf GPS (Set in 1995)

NAD 83(NA2011) Latitude: **N41°31'59.89949"** Longitude: **W90°31'08.69967"**
NAVD 88 Ortho Height: **632.070sft** Ellip. Ht: **524.287sft** Geoid12A

Iowa South Zone (1402) Northing: **572623.003sft** Easting: **2456393.418sft**
Mapping Angle: **1°57'49"** Combination Scale Factor: **0.999940149**

IaRCS Zone 11 Northing: **8067575.671sft** Easting: **21503901.732sft**
Mapping Angle: **0°00'34"** Combination Scale Factor: **1.000019994**

Monument Type: Brass disc w/rebar in concrete



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **1029 (Destroyed)**

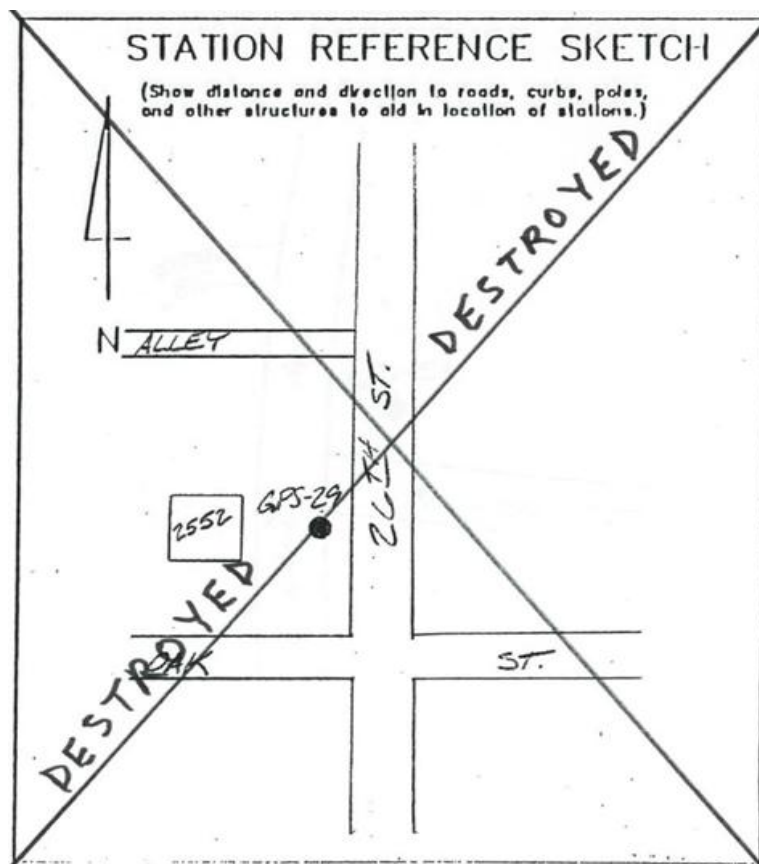
Designation: GPS-29, Bettendorf GPS (Set in 1995)

~~NAD 83(NA2011) Latitude: **41°32'00.23397"N** Longitude: **90°29'48.53574"W**
NAVD 88 Ortho Height: **665.690sft** Ellip. Ht: **558.064sft** Geoid **12A**~~

~~Iowa South Zone (1402) Northing: **572866.507sft** Easting: **2462485.267sft**
Mapping Angle: **N/A** Combination Scale Factor: **N/A**~~

~~IaRCS Zone 11 Northing: **N/A**sft Easting: **N/A**sft
Mapping Angle: **N/A** Combination Scale Factor: **N/A**~~

Monument Type: Brass disc w/rebar in concrete



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Scott County, Iowa

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Iowa State Plane South Zone (1402)
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US Survey Feet
2015

Point Name: **1031**

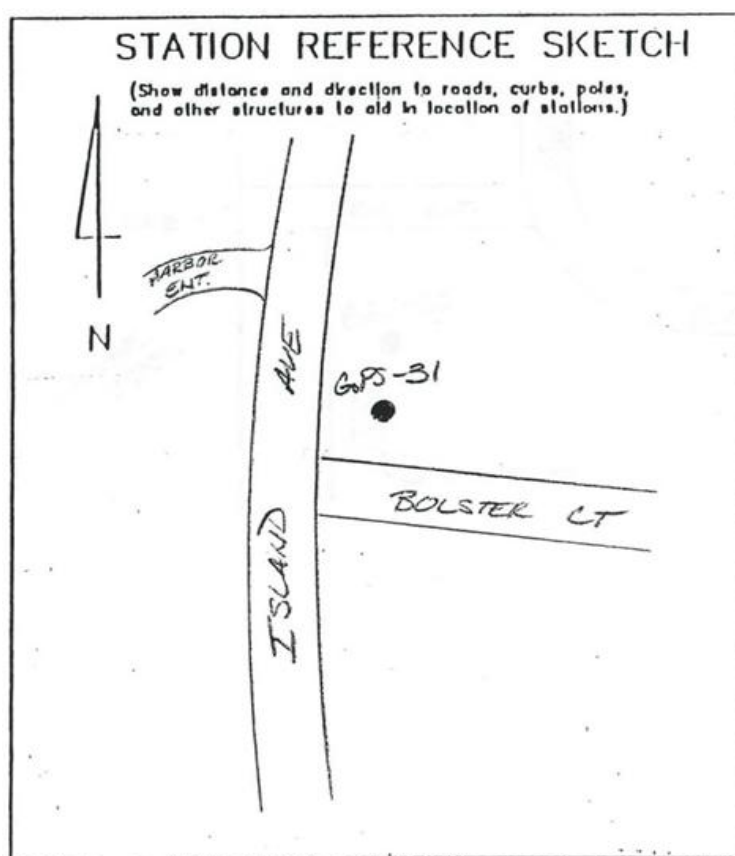
Designation: GPS-31, Bettendorf GPS (Set in 1995)

NAD 83(NA2011) Latitude: **N41°32'12.98399"** Longitude: **W90°26'09.78444"**
NAVD 88 Ortho Height: **566.070sft** Ellip. Ht: **458.184sft** Geoid12A

Iowa South Zone (1402) Northing: **574736.274sft** Easting: **2479066.146sft**
Mapping Angle: **2°01'06"** Combination Scale Factor: **0.999943672**

IaRCS Zone 11 Northing: **8068914.760sft** Easting: **21526634.740sft**
Mapping Angle: **0°03'52"** Combination Scale Factor: **1.0000059469**

Monument Type: Brass disc w/rebar in concrete



Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
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2015

Point Name: **1033**

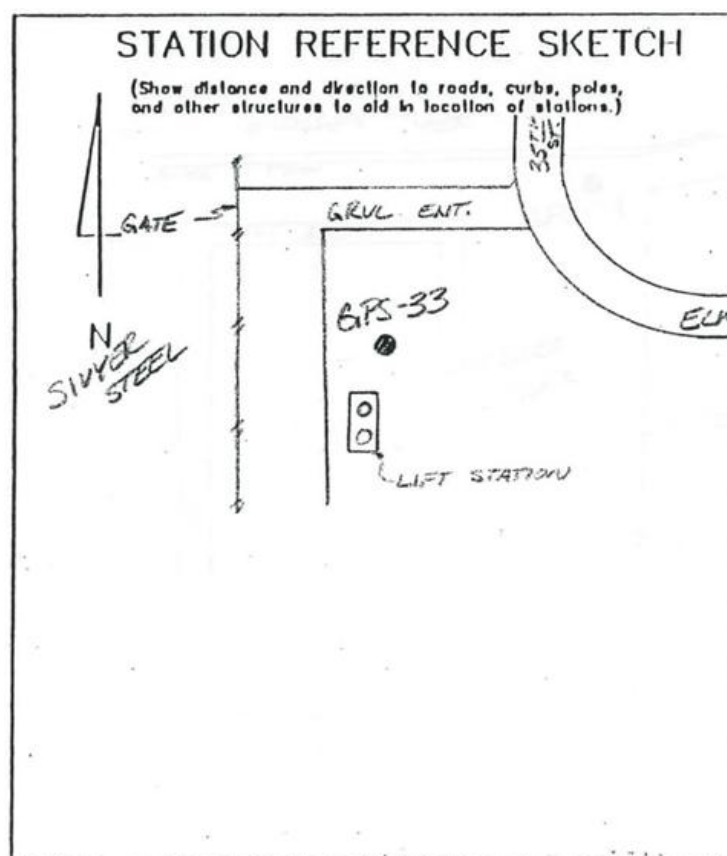
Designation: GPS-33, Bettendorf GPS (Set in 1995)

NAD 83(NA2011) Latitude: **N41°31'23.07166"** Longitude: **W90°29'02.86192"**
NAVD 88 Ortho Height: **564.970sft** Ellip. Ht: **457.156sft** Geoid12A

Iowa South Zone (1402) Northing: **569227.585sft** Easting: **2466087.154sft**
Mapping Angle: **1°59'12"** Combination Scale Factor: **0.999942333**

laRCS Zone 11 Northing: **8063851.464sft** Easting: **21513474.655sft**
Mapping Angle: **0°01'57"** Combination Scale Factor: **1.000053928**

Monument Type: Brass disc w/rebar in concrete



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Scott County, Iowa
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Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
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2015

Point Name: **1034**

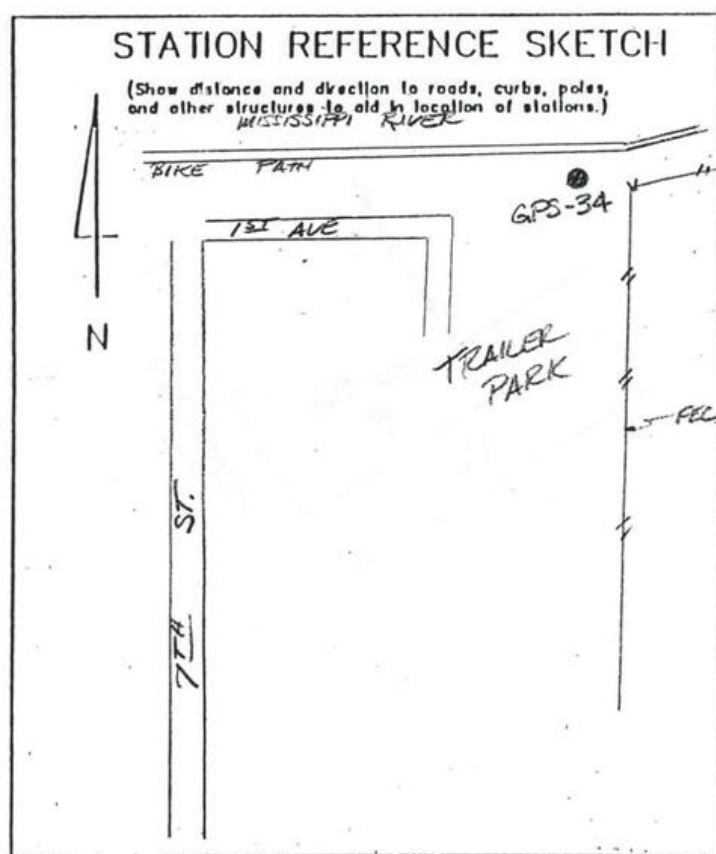
Designation: GPS-34, Bettendorf GPS (Set in 1995)

NAD 83(NA2011) Latitude: **N41°31'41.52514"** Longitude: **W90°26'35.60383"**
NAVD 88 Ortho Height: **575.210sft** Ellip. Ht: **467.345sft** Geoid12A

Iowa South Zone (1402) Northing: **571485.095sft** Easting: **2477215.727sft**
Mapping Angle: **2°00'49"** Combination Scale Factor: **0.999942354**

IaRCS Zone 11 Northing: **8065728.357sft** Easting: **21524674.432sft**
Mapping Angle: **0°03'35"** Combination Scale Factor: **1.0000053948**

Monument Type: Brass disc w/rebar in concrete



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Scott County, Iowa

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Iowa State Plane South Zone (1402)
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2015

Point Name: **1105**

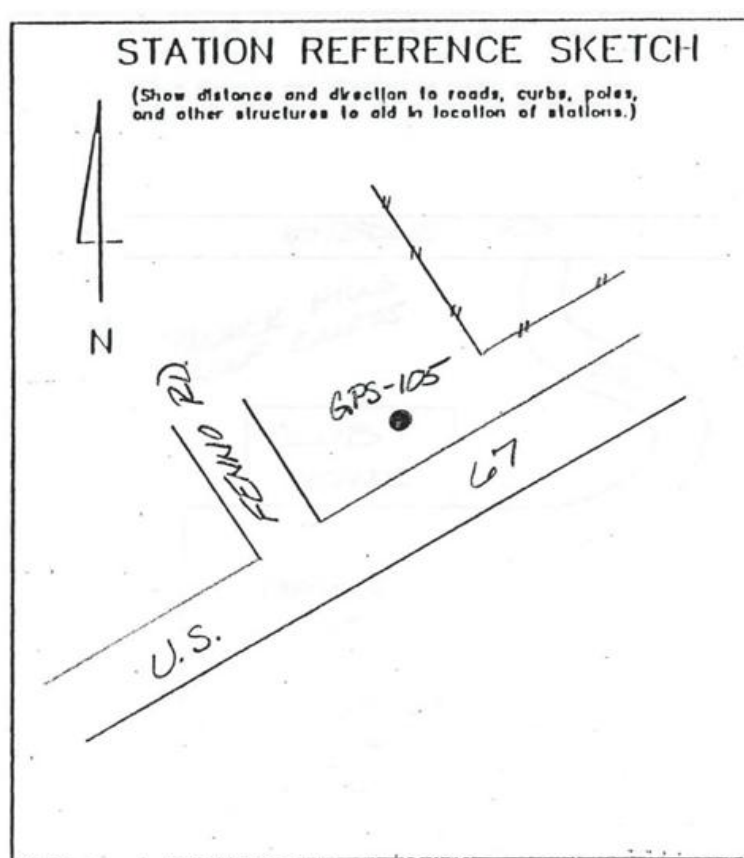
Designation: GPS-105, Bettendorf GPS (Set in 1995)

NAD 83(NA2011) Latitude: **N41°32'47.08419"** Longitude: **W90°27'16.43585"**
NAVD 88 Ortho Height: **578.300sft** Ellip. Ht: **470.436sft** Geoid12A

Iowa South Zone (1402) Northing: **578007.619sft** Easting: **2473879.766sft**
Mapping Angle: **2°00'22"** Combination Scale Factor: **0.999944070**

laRCS Zone 11 Northing: **8072361.234sft** Easting: **21521562.592sft**
Mapping Angle: **0°03'08"** Combination Scale Factor: **1.000050830**

Monument Type: Brass disc w/rebar in concrete



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Scott County, Iowa

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Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
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2015

Point Name: **1109**

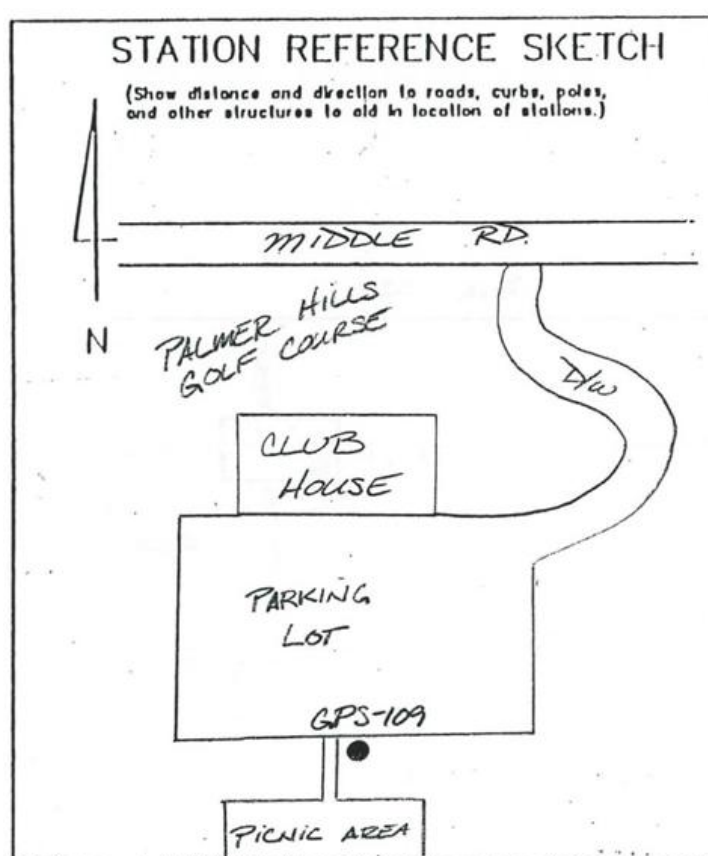
Designation: GPS-109, Bettendorf GPS (Set in 1995)

NAD 83(NA2011) Latitude: **N41°32'50.63084"** Longitude: **W90°29'26.46466"**
NAVD 88 Ortho Height: **659.820sft** Ellip. Ht: **552.009sft** Geoid12A

Iowa South Zone (1402) Northing: **578022.337sft** Easting: **2463986.373sft**
Mapping Angle: **1°58'56"** Combination Scale Factor: **0.999940282**

laRCS Zone 11 Northing: **8072713.279sft** Easting: **21511674.852sft**
Mapping Angle: **0°01'42"** Combination Scale Factor: **1.000008150**

Monument Type: Brass disc w/rebar in concrete



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Scott County, Iowa

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Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **1112**

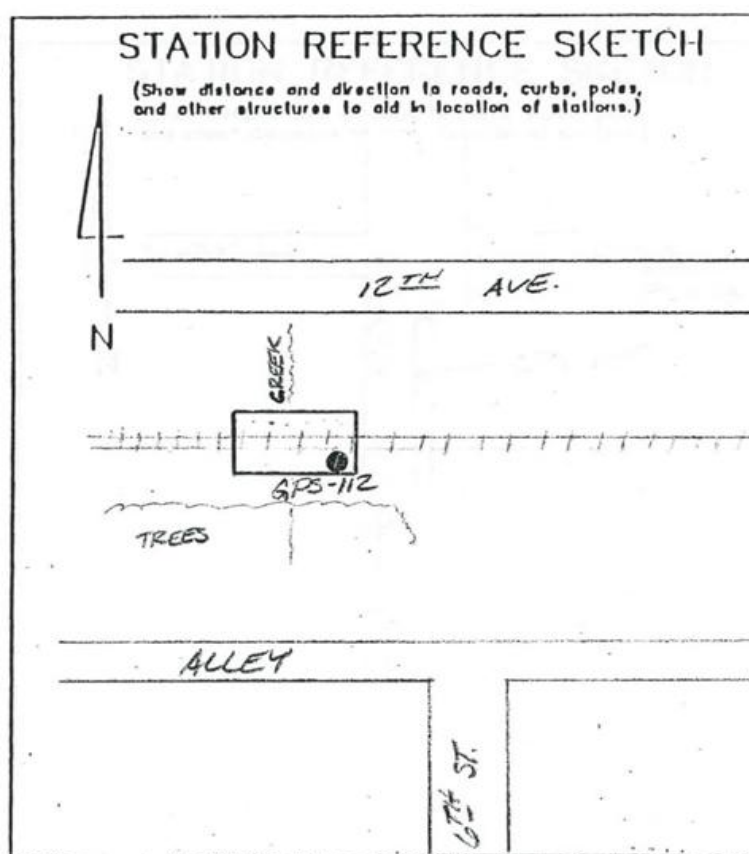
Designation: GPS-112, NGS 2nd order vertical, PID:MG0022 Designation: RV 12

NAD 83(NA2011) Latitude: **N41°30'59.11465"** Longitude: **W90°26'51.29936"**
NAVD 88 Ortho Height: **576.870sft** Ellip. Ht: **469.029sft** Geoid12A

Iowa South Zone (1402) Northing: **567153.300sft** Easting: **2476173.297sft**
Mapping Angle: **2°00'38"** Combination Scale Factor: **0.999941121**

laRCS Zone 11 Northing: **8061434.347sft** Easting: **21523484.848sft**
Mapping Angle: **0°03'25"** Combination Scale Factor: **1.0000052490**

Monument Type: 3/4" rounded steel cap w/punch



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Scott County, Iowa

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Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **1200**

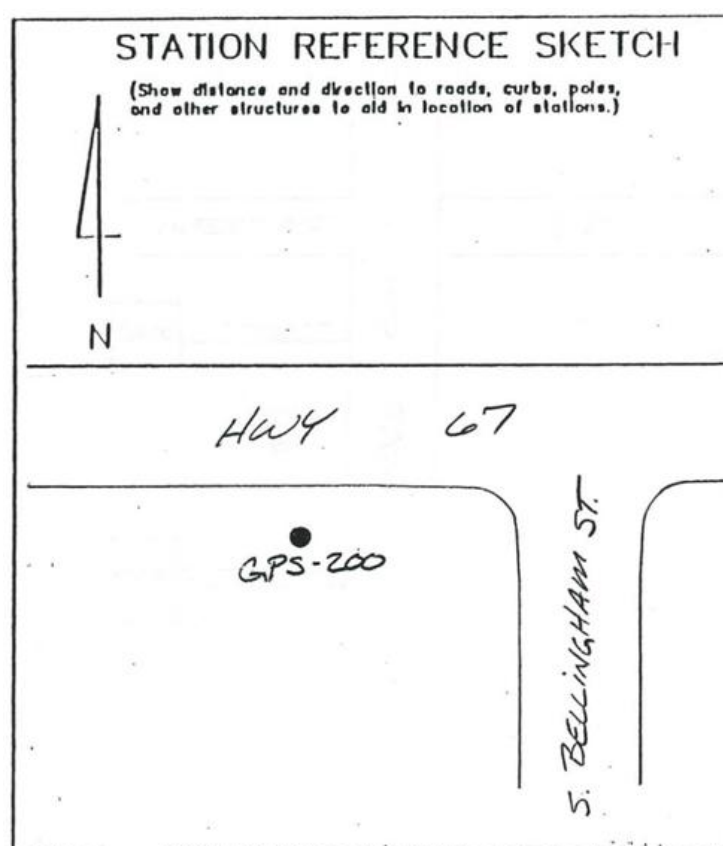
Designation: GPS-200, Bettendorf GPS 2003 (Set by Howard R Green in 2003)

NAD 83(NA2011) Latitude: **N41°32'02.95028"** Longitude: **W90°28'20.13131"**
NAVD 88 Ortho Height: **584.520sft** Ellip. Ht: **476.691sft** Geoid12A

Iowa South Zone (1402) Northing: **573374.302sft** Easting: **2469194.981sft**
Mapping Angle: **1°59'40"** Combination Scale Factor: **0.999942506**

laRCS Zone 11 Northing: **8067890.060sft** Easting: **21516722.262sft**
Mapping Angle: **0°02'26"** Combination Scale Factor: **1.0000045727**

Monument Type: Set 12ft of 5/8" aluminum rod w/aluminum disc in casing w/lid.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **1201**

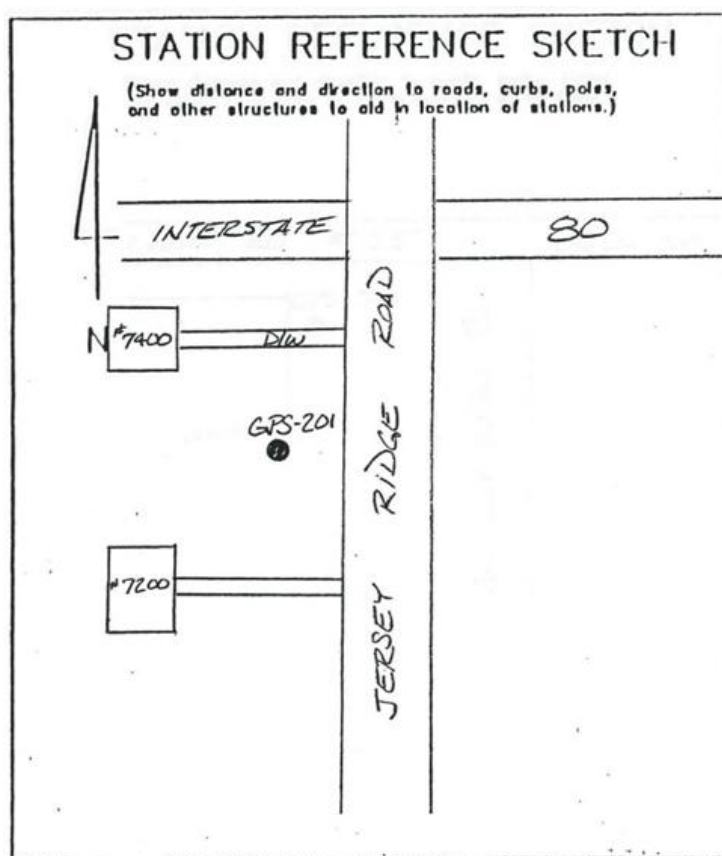
Designation: GPS-201, Bettendorf GPS 2003 (Set by Howard R Green in 2003)

NAD 83(NA2011) Latitude: **N41°35'36.81111"** Longitude: **W90°32'21.88115"**
NAVD 88 Ortho Height: **739.770sft** Ellip. Ht: **631.991sft** Geoid12A

Iowa South Zone (1402) Northing: **594374.928sft** Easting: **2450083.953sft**
Mapping Angle: **1°57'01"** Combination Scale Factor: **0.999941658**

laRCS Zone 11 Northing: **8089531.382sft** Easting: **21498337.338sft**
Mapping Angle: **-0°00'15"** Combination Scale Factor: **0.9999968460**

Monument Type: Set 12ft of 5/8" aluminum rod w/aluminum disc in casing w/lid.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **1202**

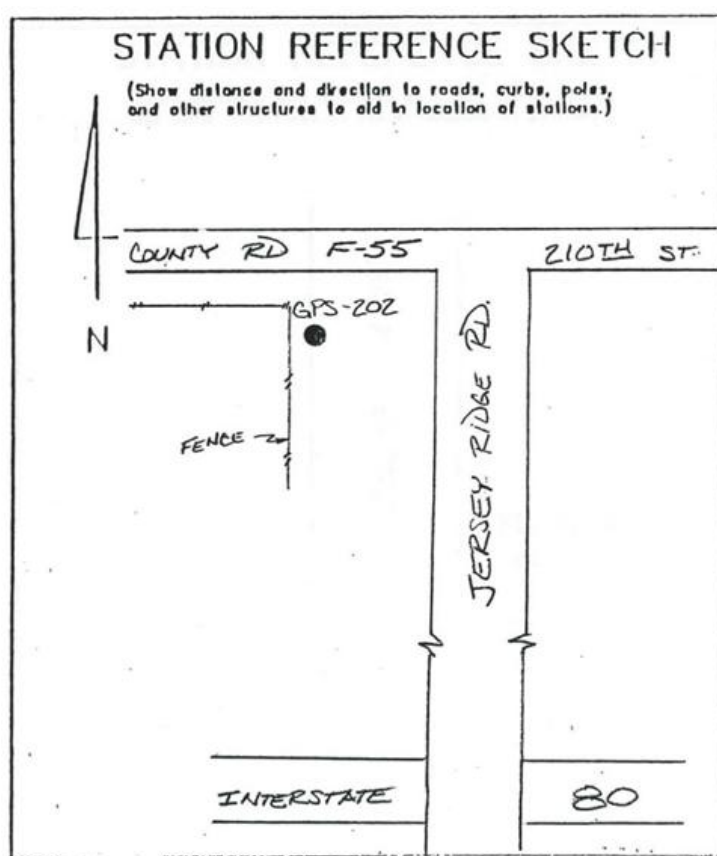
Designation: GPS-202, Bettendorf GPS 2003 (Set by Howard R Green in 2003)

NAD 83(NA2011) Latitude: **N41°36'39.46450"** Longitude: **W90°32'24.22440"**
NAVD 88 Ortho Height: **725.730sft** Ellip. Ht: **617.942sft** Geoid12A

Iowa South Zone (1402) Northing: **600706.726sft** Easting: **2449690.258sft**
Mapping Angle: **1°56'59"** Combination Scale Factor: **0.999944454**

IaRCS Zone 11 Northing: **8095873.265sft** Easting: **21498159.778sft**
Mapping Angle: **-0°00'16"** Combination Scale Factor: **0.9999975171**

Monument Type: Set 12ft of 5/8" aluminum rod w/aluminum disc in casing w/lid.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
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US Survey Feet
2015

Point Name: **1203**

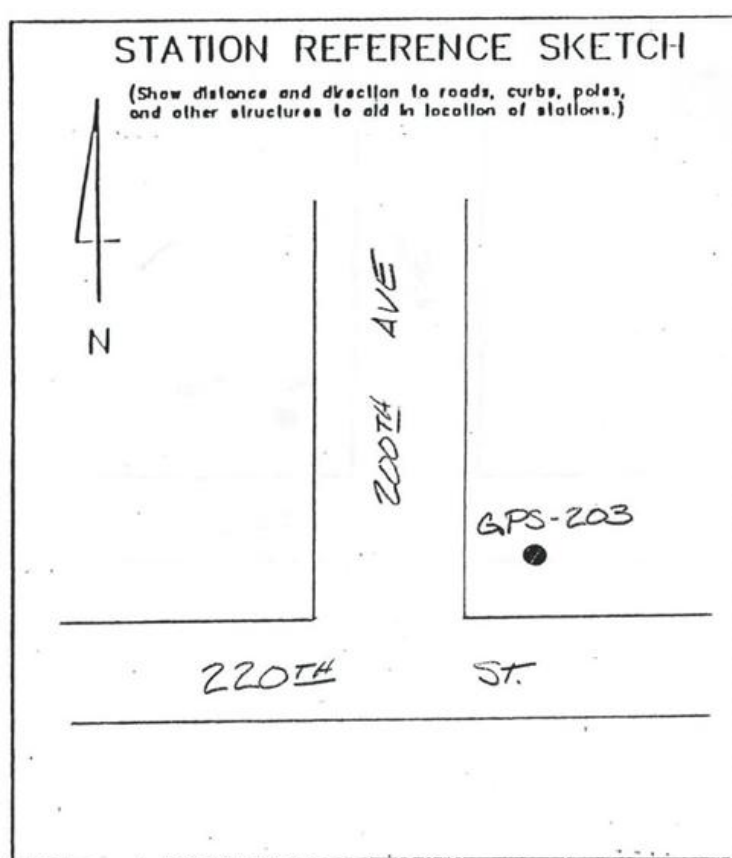
Designation: GPS-203, Bettendorf GPS 2003 (Set by Howard R Green in 2003)

NAD 83(NA2011) Latitude: **N41°37'33.82827"** Longitude: **W90°30'36.11644"**
NAVD 88 Ortho Height: **764.600sft** Ellip. Ht: **656.762sft** Geoid12A

Iowa South Zone (1402) Northing: **606486.798sft** Easting: **2457708.403sft**
Mapping Angle: **1°58'10"** Combination Scale Factor: **0.999944522**

IaRCS Zone 11 Northing: **8101376.854sft** Easting: **21506370.782sft**
Mapping Angle: **0°00'56"** Combination Scale Factor: **0.9999957073**

Monument Type: Set 12ft of 5/8" aluminum rod w/aluminum disc in casing w/lid.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **1204**

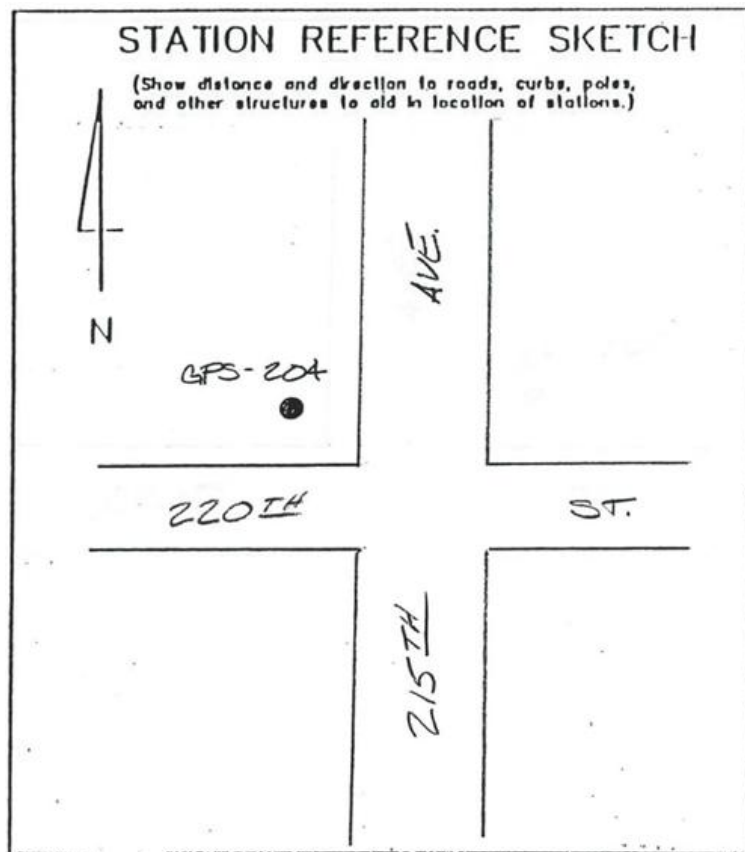
Designation: GPS-204, Bettendorf GPS 2003 (Set by Howard R Green in 2003)

NAD 83(NA2011) Latitude: **N41°37'34.90397"** Longitude: **W90°28'51.69548"**
NAVD 88 Ortho Height: **774.020sft** Ellip. Ht: **666.140sft** Geoid**12A**

Iowa South Zone (1402) Northing: **606869.471sft** Easting: **2465630.043sft**
Mapping Angle: **1°59'19"** Combination Scale Factor: **0.999944113**

laRCS Zone 11 Northing: **8101489.214sft** Easting: **21514301.270sft**
Mapping Angle: **0°02'05"** Combination Scale Factor: **0.9999954472**

Monument Type: Set 12ft of 5/8" aluminum rod w/aluminum disc in casing w/lid.



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Scott County, Iowa

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Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **1205**

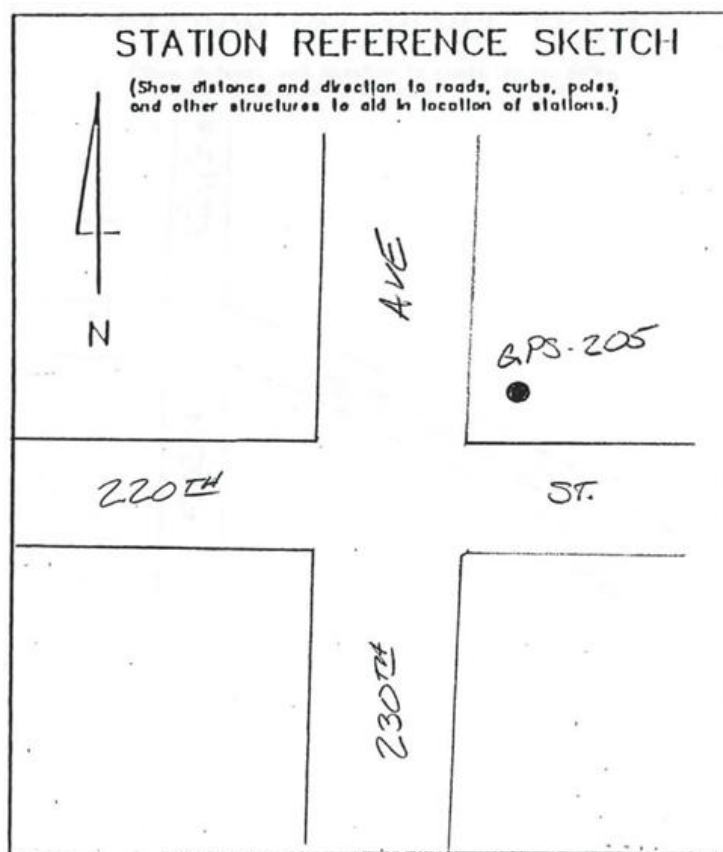
Designation: GPS-205, Bettendorf GPS 2003 (Set by Howard R Green in 2003)

NAD 83(NA2011) Latitude: **N41°37'35.34158"** Longitude: **W90°27'06.29195"**
NAVD 88 Ortho Height: **764.930sft** Ellip. Ht: **657.009sft** Geoid12A

Iowa South Zone (1402) Northing: **607192.854sft** Easting: **2473628.356sft**
Mapping Angle: **2°00'28"** Combination Scale Factor: **0.999944565**

laRCS Zone 11 Northing: **8101539.723sft** Easting: **21522306.370sft**
Mapping Angle: **0°03'15"** Combination Scale Factor: **0.9999962178**

Monument Type: Set 12ft of 5/8" aluminum rod w/aluminum disc in casing w/lid.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **1206**

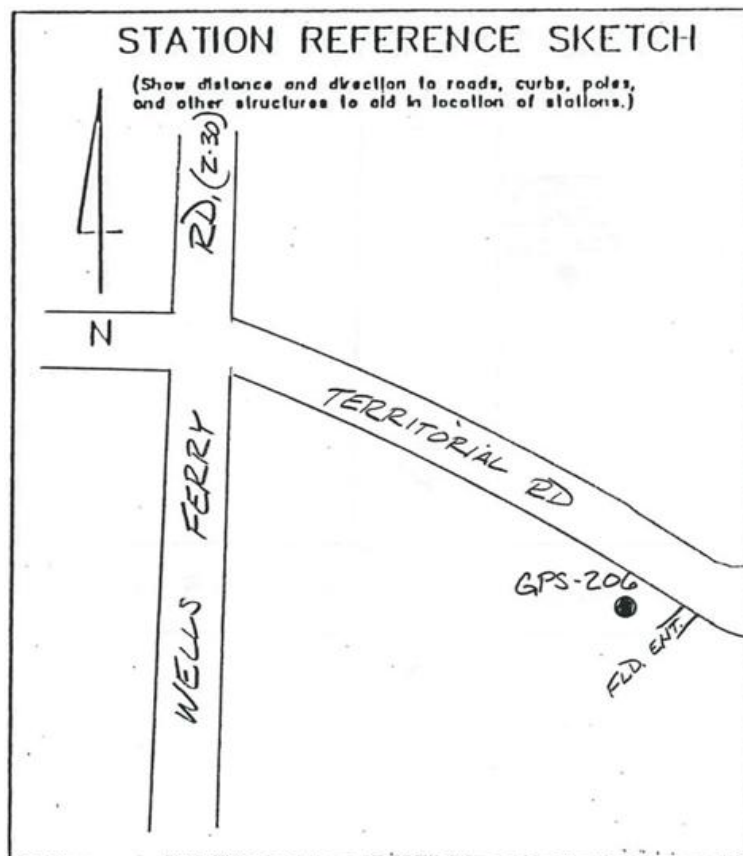
Designation: GPS-206, Bettendorf GPS 2003 (Set by Howard R Green in 2003)

NAD 83(NA2011) Latitude: **N41°37'16.15273"** Longitude: **W90°25'22.61215"**
NAVD 88 Ortho Height: **761.860sft** Ellip. Ht: **653.902sft** Geoid12A

Iowa South Zone (1402) Northing: **605529.015sft** Easting: **2481565.980sft**
Mapping Angle: **2°01'37"** Combination Scale Factor: **0.999944027**

IaRCS Zone 11 Northing: **8099606.153sft** Easting: **21530183.071sft**
Mapping Angle: **0°04'24"** Combination Scale Factor: **0.9999968384**

Monument Type: Set 12ft of 5/8" aluminum rod w/aluminum disc in casing w/lid.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
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2015

Point Name: **1207**

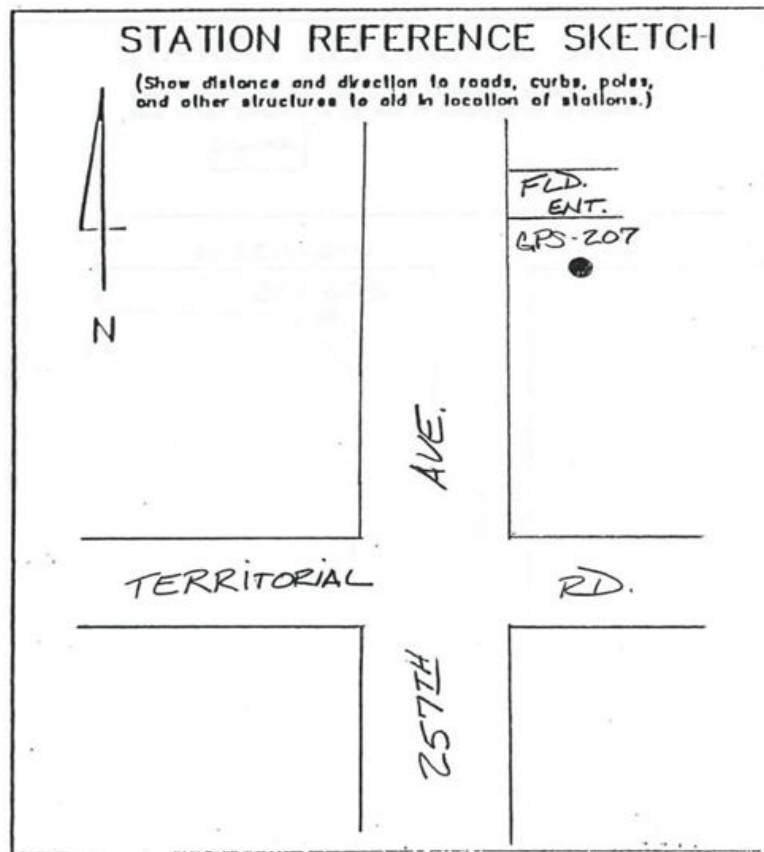
Designation: GPS-207, Bettendorf GPS 2003 (Set by Howard R Green in 2003)

NAD 83(NA2011) Latitude: **N41°36'55.45139"** Longitude: **W90°23'55.10608"**
NAVD 88 Ortho Height: **745.180sft** Ellip. Ht: **637.188sft** Geoid12A

Iowa South Zone (1402) Northing: **603671.014sft** Easting: **2488282.544sft**
Mapping Angle: **2°02'34"** Combination Scale Factor: **0.999944093**

IaRCS Zone 11 Northing: **8097520.166sft** Easting: **21536832.751sft**
Mapping Angle: **0°05'22"** Combination Scale Factor: **0.9999981452**

Monument Type: Set 12ft of 5/8" aluminum rod w/aluminum disc in casing w/lid.



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Iowa State Plane South Zone (1402)
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Point Name: **1208**

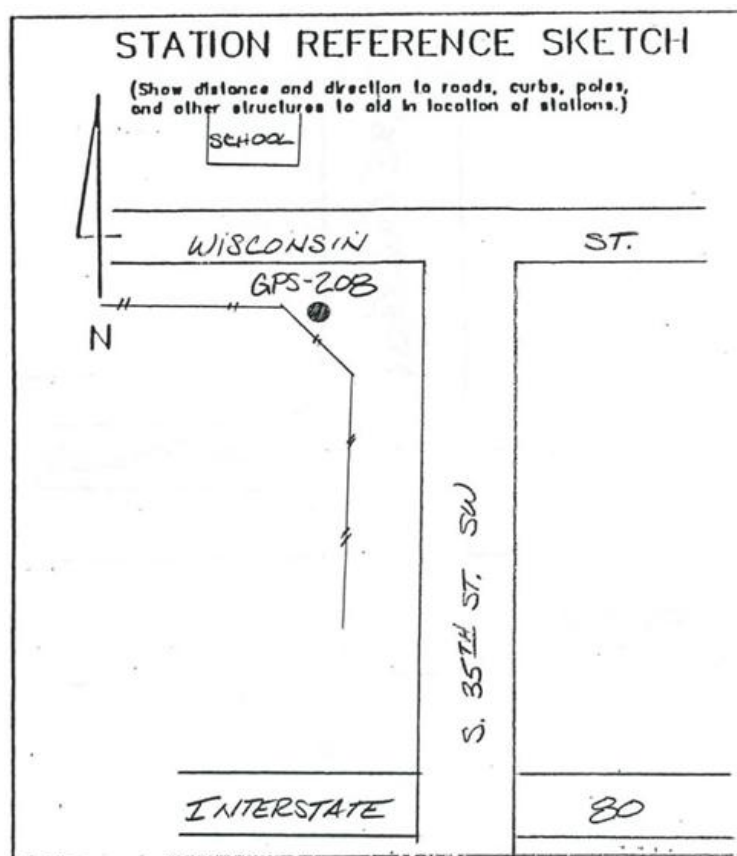
Designation: GPS-208, Bettendorf GPS 2003 (Set by Howard R Green in 2003)

NAD 83(NA2011) Latitude: **N41°35'50.94860"** Longitude: **W90°23'30.31041"**
NAVD 88 Ortho Height: **730.770sft** Ellip. Ht: **622.777sft** Geoid12A

Iowa South Zone (1402) Northing: **597213.669sft** Easting: **2490397.983sft**
Mapping Angle: **2°02'51"** Combination Scale Factor: **0.999942569**

IaRCS Zone 11 Northing: **8090994.105sft** Easting: **21538726.955sft**
Mapping Angle: **0°05'38"** Combination Scale Factor: **0.9999989963**

Monument Type: Set 12ft of 5/8" aluminum rod w/aluminum disc in casing w/lid.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **1209**

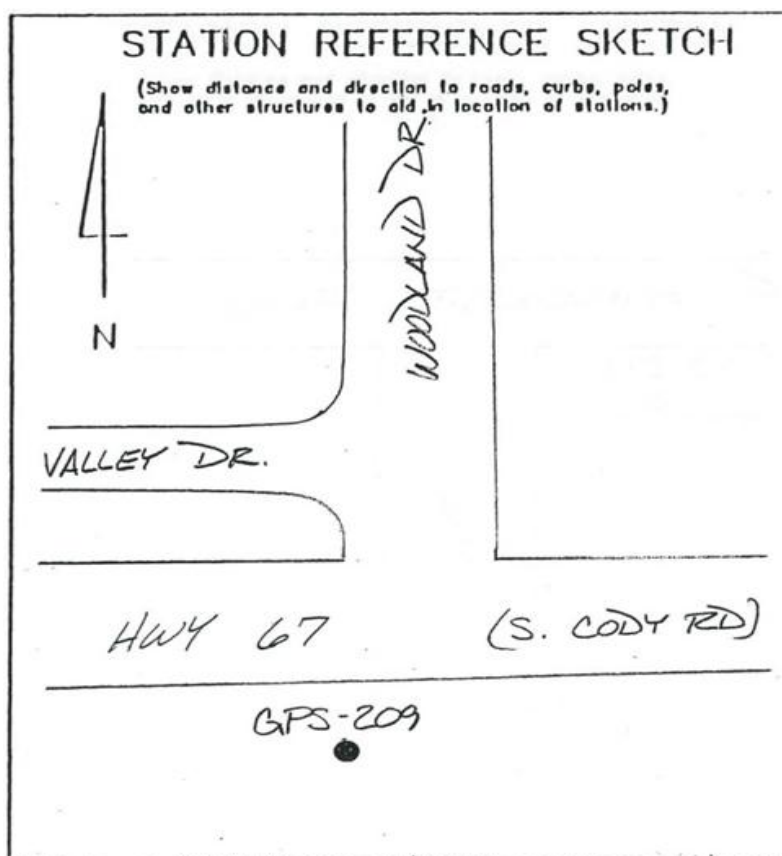
Designation: GPS-209, Bettendorf GPS 2003 (Set by Howard R Green in 2003)

NAD 83(NA2011) Latitude: **N41°34'54.72481"** Longitude: **W90°22'52.40423"**
NAVD 88 Ortho Height: **585.700sft** Ellip. Ht: **477.690sft** Geoid12A

Iowa South Zone (1402) Northing: **591629.666sft** Easting: **2493480.144sft**
Mapping Angle: **2°03'16"** Combination Scale Factor: **0.999947643**

IaRCS Zone 11 Northing: **8085307.959sft** Easting: **21541617.151sft**
Mapping Angle: **0°06'03"** Combination Scale Factor: **1.0000061848**

Monument Type: Set 12ft of 5/8" aluminum rod w/aluminum disc in casing w/lid.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **1210**

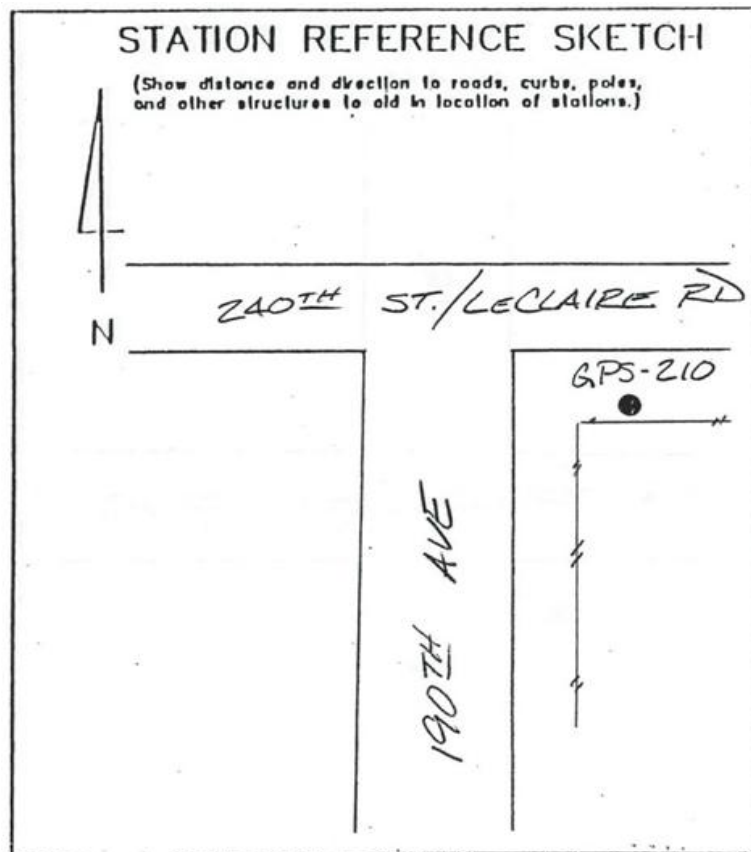
Designation: GPS-210, Bettendorf GPS 2003 (Set by Howard R Green in 2003)

NAD 83(NA2011) Latitude: **N41°39'17.44378"** Longitude: **W90°31'45.77099"**
NAVD 88 Ortho Height: **785.400sft** Ellip. Ht: **677.591sft** Geoid12A

Iowa South Zone (1402) Northing: **616787.145sft** Easting: **2452063.558sft**
Mapping Angle: **1°57'24"** Combination Scale Factor: **0.999947381**

laRCS Zone 11 Northing: **8111864.206sft** Easting: **21501080.183sft**
Mapping Angle: **0°00'09"** Combination Scale Factor: **0.9999946685**

Monument Type: Set 12ft of 5/8" aluminum rod w/aluminum disc in casing w/lid.



Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **1211**

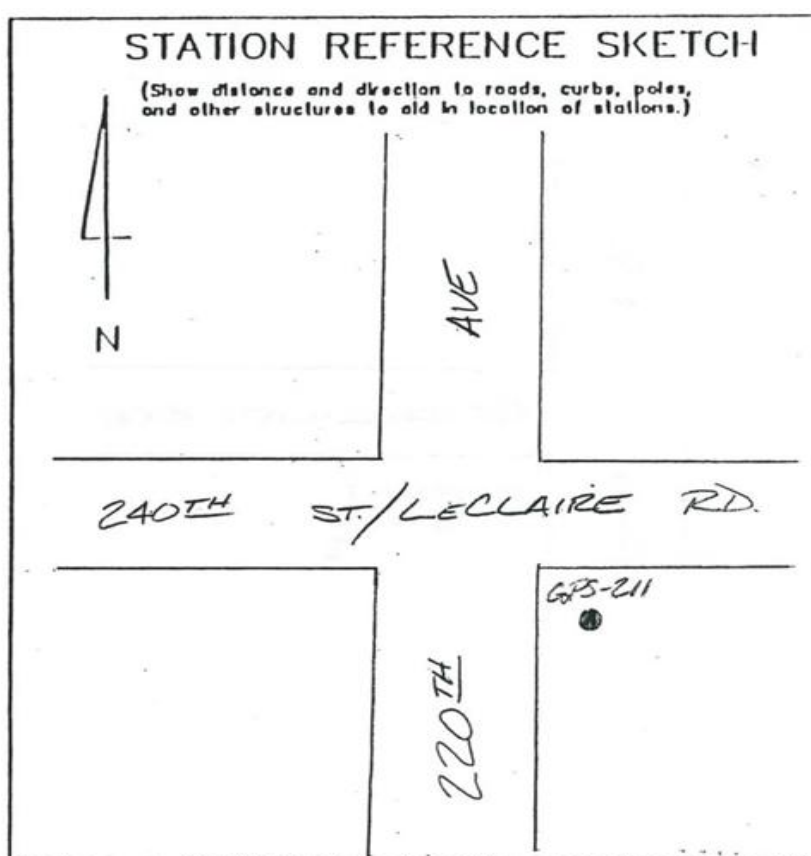
Designation: GPS-211, Bettendorf GPS 2003 (Set by Howard R Green in 2003)

NAD 83(NA2011) Latitude: **N41°39'18.58277"** Longitude: **W90°28'16.27104"**
NAVD 88 Ortho Height: **749.580sft** Ellip. Ht: **641.671sft** Geoid12A

Iowa South Zone (1402) Northing: **617450.696sft** Easting: **2467953.342sft**
Mapping Angle: **1°59'42"** Combination Scale Factor: **0.999949138**

IaRCS Zone 11 Northing: **8111985.595sft** Easting: **21516984.107sft**
Mapping Angle: **0°02'29"** Combination Scale Factor: **0.9999967107**

Monument Type: Set 12ft of 5/8" aluminum rod w/aluminum disc in casing w/lid.



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Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
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2015

Point Name: **1212**

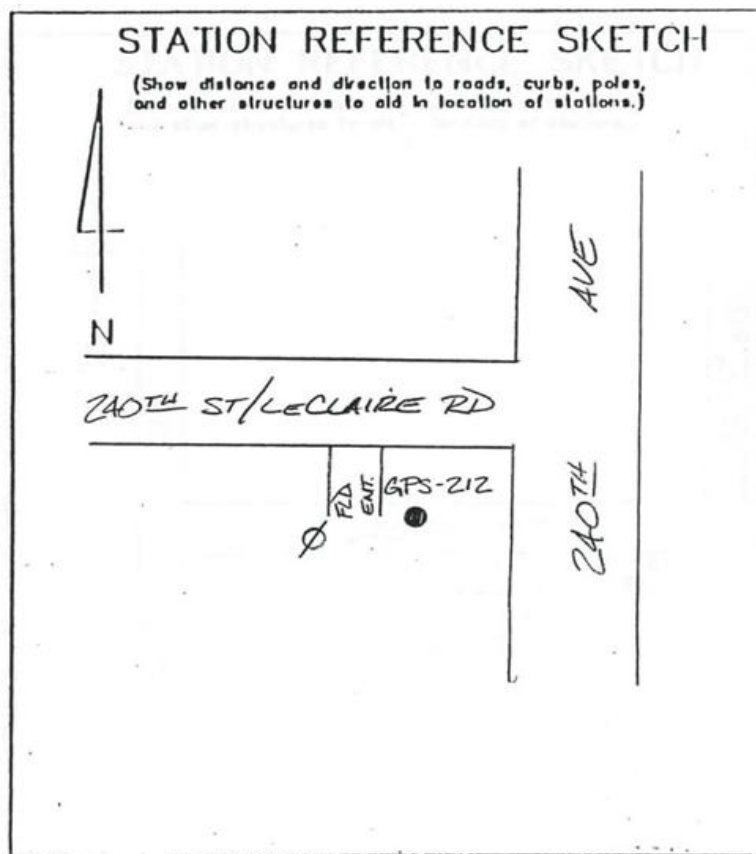
Designation: GPS-212, Bettendorf GPS 2003 (Set by Howard R Green in 2003)

NAD 83(NA2011) Latitude: **N41°39'20.44732"** Longitude: **W90°25'59.10234"**
NAVD 88 Ortho Height: **733.470sft** Ellip. Ht: **625.499sft** Geoid12A

Iowa South Zone (1402) Northing: **618004.080sft** Easting: **2478352.797sft**
Mapping Angle: **2°01'13"** Combination Scale Factor: **0.999949982**

IaRCS Zone 11 Northing: **8112184.137sft** Easting: **21527396.879sft**
Mapping Angle: **0°04'00"** Combination Scale Factor: **0.9999980104**

Monument Type: Set 12ft of 5/8" aluminum rod w/aluminum disc in casing w/lid.



This document was prepared by Dan Corbin, Inc. on January 11, 2016 for Scott County, Iowa.

Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **1213**

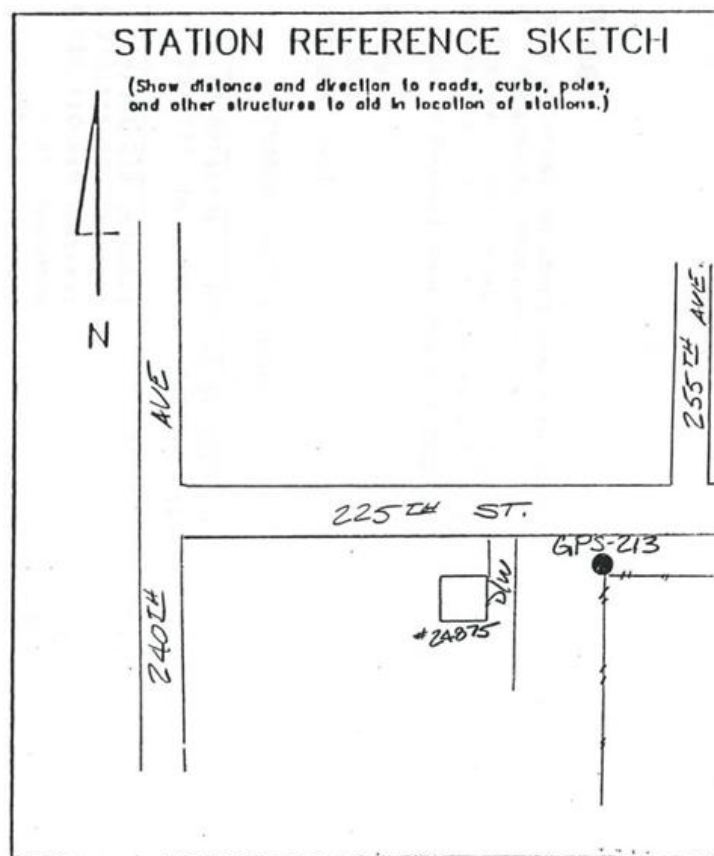
Designation: GPS-213, Bettendorf GPS 2003 (Set by Howard R Green in 2003)

NAD 83(NA2011) Latitude: **N41°38'02.08487"** Longitude: **W90°24'52.85085"**
NAVD 88 Ortho Height: **731.750sft** Ellip. Ht: **623.765sft** Geoid12A

Iowa South Zone (1402) Northing: **610255.247sft** Easting: **2483660.054sft**
Mapping Angle: **2°01'56"** Combination Scale Factor: **0.999947122**

laRCS Zone 11 Northing: **8104258.496sft** Easting: **21532437.155sft**
Mapping Angle: **0°04'44"** Combination Scale Factor: **0.9999984378**

Monument Type: Set 12ft of 5/8" aluminum rod w/aluminum disc in casing w/lid.



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Scott County, Iowa

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System, Zone 11 Dubuque-Davenport
US Survey Feet
2015

Point Name: **9999**

Designation: IADT DAVENPORT CORS ARP (PID - DP1314)

NAD 83(NA2011) Latitude: **N41°36'36.18278"** Longitude: **W90°37'49.54782"**
NAVD 88 Ortho Height: **769.390sft** Ellip. Ht: **661.728sft** Geoid12A

Iowa South Zone (1402) Northing: **599546.810sft** Easting: **2425003.000sft**
Mapping Angle: **1°53'25"** Combination Scale Factor: **0.999942251**

IaRCS Zone 11 Northing: **8095555.955sft** Easting: **21473446.003sft**
Mapping Angle: **-0°03'52"** Combination Scale Factor: **0.9999962297**

Monument Type: Station is the antenna reference point of the GPS antenna.



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