



GROUND CONTROL POINT DOCUMENTATION REPORT

Date: 11-14-19 Time: 2:56 a.m. p.m. Employee Name: Jesse Newman
 Job Name: IA_EasternIA 2019 B19 QL2 LiDAR GCP Point Number: GCP- 28
 State: Iowa Latitude: _____ + - Longitude: _____ + -
 Address and/or Intersection: _____

OBSERVATION METHOD

<input checked="" type="checkbox"/> VRS GPS	RMS: _____ H: _____ V: _____ Duration: <u>3min</u>
<input type="checkbox"/> STATIC GPS (20 min.)	Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.
<input type="checkbox"/> Conventional Pairs VRS	Point Number: _____ RMS: _____ H: _____ V: _____ Duration: _____ Point Number: _____ RMS: _____ H: _____ V: _____ Duration: _____
<input type="checkbox"/> Conventional Pairs STATIC (20 min.)	Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.

TYPE OF GROUND CONTROL POINT

- Paint Stripe
- Center/End Stop Bar
- Tip of Arrow
- Sidewalk Corner
- Driveway Corner
- Other: OPEN GRAVEL

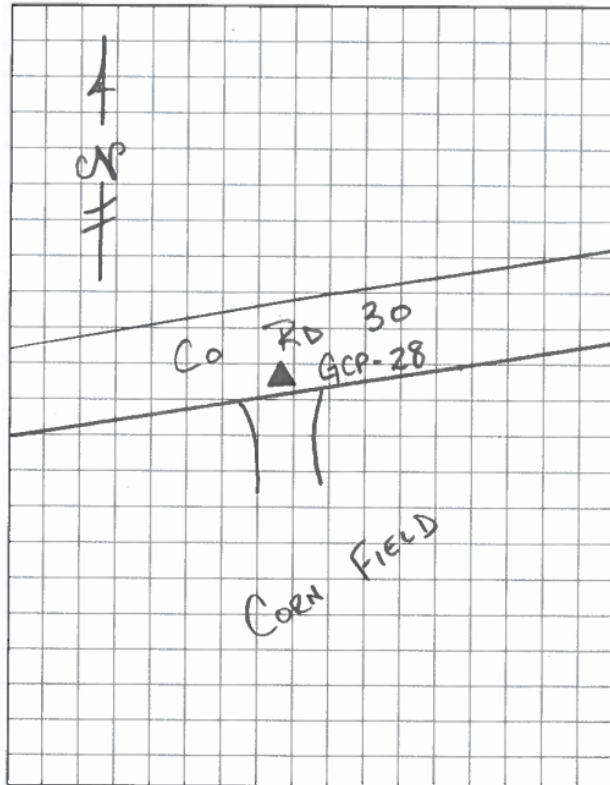
PICTURES

- Picture(s) of Area & Setup

POINT RE-CHECK

Date: 11-14-19 Time: 3:01 a.m. p.m.
 Re-Check Point Number: GCP-28CK
 Description of Point:
NAIL IN GRAVEL ON Co Rd
30

Sketch Area (NTS)







GROUND CONTROL POINT DOCUMENTATION REPORT

Date: 11-14-19 Time: 3:23 a.m. p.m. Employee Name: Jesse Newman
 Job Name: IA_EasternIA 2019 B19 QL2 LiDAR GCP Point Number: GCP- 29
 State: Iowa Latitude: _____ + - Longitude: _____ + -
 Address and/or Intersection: _____

OBSERVATION METHOD

<input checked="" type="checkbox"/> VRS GPS	RMS: _____ H: _____ V: _____ Duration: <u>3min</u>
<input type="checkbox"/> STATIC GPS	(20 min.) Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.
<input type="checkbox"/> Conventional Pairs VRS	Point Number: _____ RMS: _____ H: _____ V: _____ Duration: _____
<input type="checkbox"/> Conventional Pairs STATIC	(20 min.) Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.
	Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.

TYPE OF GROUND CONTROL POINT

- Paint Stripe
- Center/End Stop Bar
- Tip of Arrow
- Sidewalk Corner
- Driveway Corner
- Other: _____

PICTURES

- Picture(s) of Area & Setup

POINT RE-CHECK

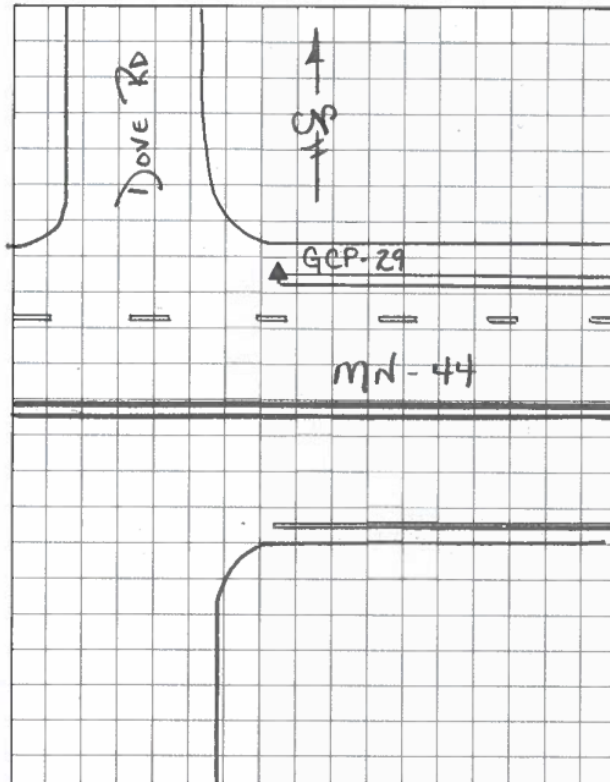
Date: 11-14-19 Time: 3:27 a.m. p.m.

Re-Check Point Number: GCP-29CK

Description of Point:

SHOT NORTH END CORNER OF
WHITE STRIPE ON NE SIDE OF
MN-44 AND DOVE RD

Sketch Area (NTS)







GROUND CONTROL POINT DOCUMENTATION REPORT

Date: 10-31-19 Time: 5:51 a.m. p.m. Employee Name: Jesse Newman
 Job Name: IA_EasternIA 2019 B19 QL2 LIDAR GCP Point Number: GCP - 30
 State: Iowa Latitude: _____ + - Longitude: _____ + -
 Address and/or Intersection: _____

OBSERVATION METHOD

<input checked="" type="checkbox"/> VRS GPS	RMS: _____ H: _____ V: _____ Duration: <u>3min</u>
<input type="checkbox"/> STATIC GPS (20 min.)	Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.
<input type="checkbox"/> Conventional Pairs VRS	Point Number: _____ RMS: _____ H: _____ V: _____ Duration: _____
<input type="checkbox"/> Conventional Pairs STATIC (20 min.)	Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.
	Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.

TYPE OF GROUND CONTROL POINT

- Paint Stripe
- Center/End Stop Bar
- Tip of Arrow
- Sidewalk Corner
- Driveway Corner
- Other: CORNER OF HATCHED AREA

PICTURES

- Picture(s) of Area & Setup

POINT RE-CHECK

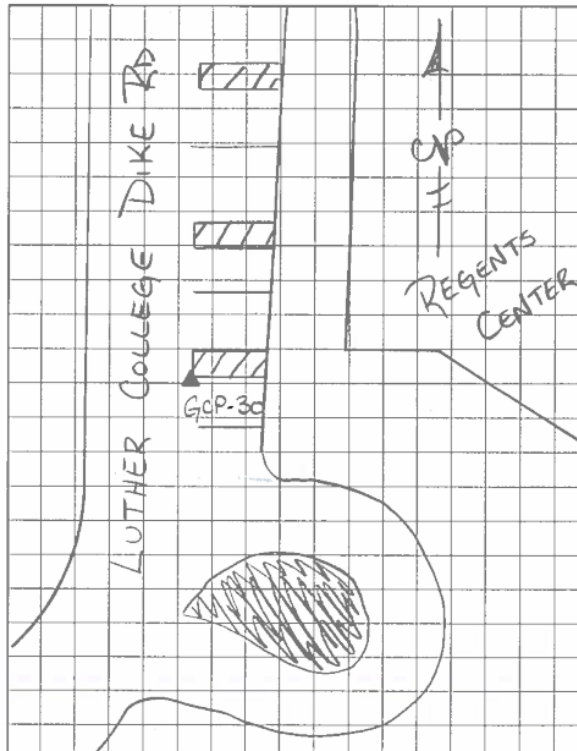
Date: 10-31-19 Time: 5:59 a.m. p.m.

Re-Check Point Number: GCP-30CK

Description of Point:

SHOT THE SW CORNER OF
SOUTHERN MOST HATCHED
HANDICAP AREA OFF LUTHER
COLLEGE DIKE RD

Sketch Area (NTS)







GROUND CONTROL POINT DOCUMENTATION REPORT

Date: 10-31-19 Time: 9:50 a.m. p.m. Employee Name: Jesse Newman
 Job Name: IA_EasternIA 2019 B19 QL2 LiDAR GCP Point Number: GCP - 31
 State: Iowa Latitude: _____ + - Longitude: _____ + -
 Address and/or Intersection: _____

OBSERVATION METHOD

<input checked="" type="checkbox"/> VRS GPS	RMS: _____ H: _____ V: _____ Duration: <u>3 min</u>
<input type="checkbox"/> STATIC GPS	(20 min.) Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.
<input type="checkbox"/> Conventional Pairs VRS	Point Number: _____ RMS: _____ H: _____ V: _____ Duration: _____ Point Number: _____ RMS: _____ H: _____ V: _____ Duration: _____
<input type="checkbox"/> Conventional Pairs STATIC	(20 min.) Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.

TYPE OF GROUND CONTROL POINT

- Paint Stripe
- Center/End Stop Bar
- Tip of Arrow
- Sidewalk Corner
- Driveway Corner
- Other: _____

PICTURES

- Picture(s) of Area & Setup

POINT RE-CHECK

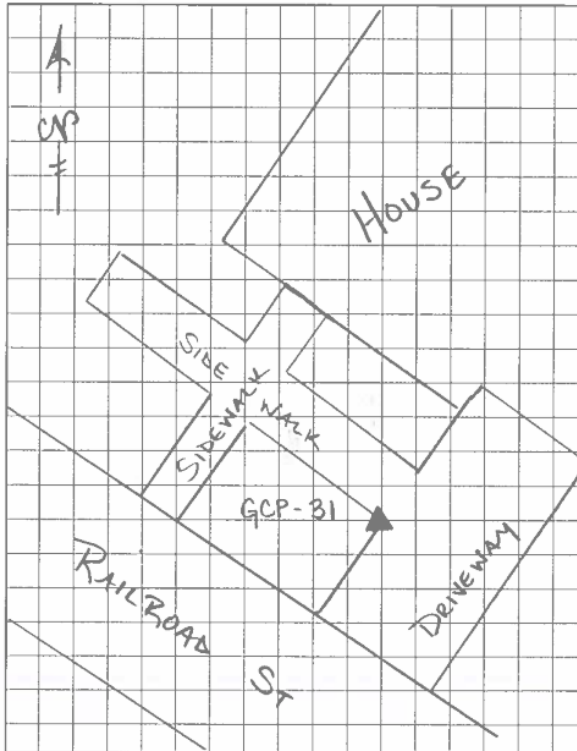
Date: 11-14-19 Time: 4:26 a.m. p.m.

Re-Check Point Number: GCP-31RC

Description of Point:

SHOT SOUTH CORNER OF
SIDEWALK CONNECTED TO
DRIVEWAY AT 450 RAILROAD ST

Sketch Area (NTS)







GROUND CONTROL POINT DOCUMENTATION REPORT

Date: 11-10-19 Time: 12:47 a.m. p.m. Employee Name: Jesse Newman
 Job Name: IA_EasternIA 2019 B19 QL2 LIDAR GCP Point Number: GCP - 32
 State: Iowa Latitude: _____ + - Longitude: _____ + -
 Address and/or Intersection: _____

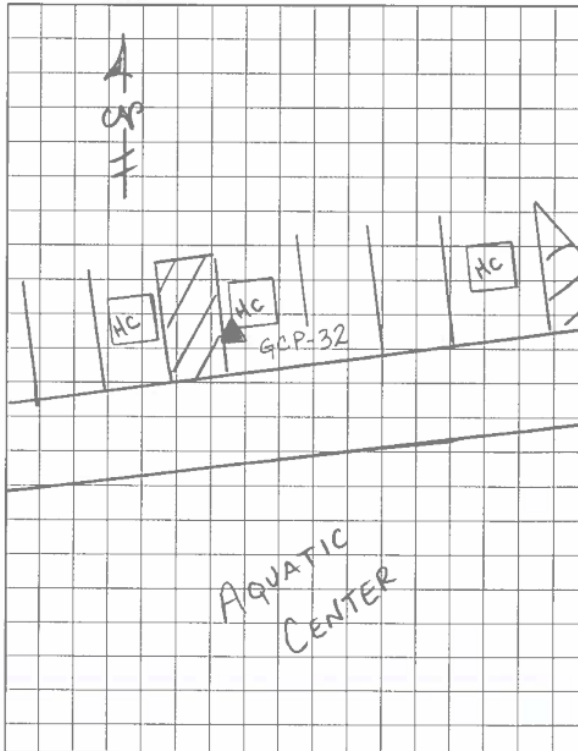
OBSERVATION METHOD

<input checked="" type="checkbox"/> VRS GPS	RMS: _____ H: _____ V: _____ Duration: <u>3 min</u>
<input type="checkbox"/> STATIC GPS	(20 min.) Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.
<input type="checkbox"/> Conventional Pairs VRS	Point Number: _____ RMS: _____ H: _____ V: _____ Duration: _____ Point Number: _____ RMS: _____ H: _____ V: _____ Duration: _____
<input type="checkbox"/> Conventional Pairs STATIC	(20 min.) Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.

TYPE OF GROUND CONTROL POINT

- Paint Stripe
- Center/End Stop Bar
- Tip of Arrow
- Sidewalk Corner
- Driveway Corner
- Other: CORNER OF HANDICAP

Sketch Area (NTS)



PICTURES

- Picture(s) of Area & Setup

POINT RE-CHECK

Date: 11-12-19 Time: 11:06 a.m. p.m.

Re-Check Point Number: GCP-32RC

Description of Point:

SHOT IN CORNER OF MIDDLE HANDICAP SQUARE NORTH OF AQUATICS CENTER





GROUND CONTROL POINT DOCUMENTATION REPORT

Date: 11-04-19 Time: 3:05 a.m. p.m. Employee Name: Jesse Newman
 Job Name: IA_EasternIA 2019 B19 QL2 LiDAR GCP Point Number: GCP - 33
 State: Iowa Latitude: _____ + - Longitude: _____ + -
 Address and/or Intersection: _____

OBSERVATION METHOD

- VRS GPS RMS: _____ H: _____ V: _____ Duration: 3min
- STATIC GPS (20 min.) Start Time: _____ a.m. p.m. End: _____ a.m. p.m.
- Conventional Pairs VRS Point Number: _____ RMS: _____ H: _____ V: _____ Duration: _____
- Conventional Pairs STATIC (20 min.) Point Number: _____ Start Time: _____ a.m. p.m. End Time: _____ a.m. p.m.
- Point Number: _____ Start Time: _____ a.m. p.m. End Time: _____ a.m. p.m.

TYPE OF GROUND CONTROL POINT

- Paint Strips
- Center/End Stop Bar
- Tip of Arrow
- Sidewalk Corner
- Driveway Corner
- Other: _____

PICTURES

- Picture(s) of Area & Setup

POINT RE-CHECK

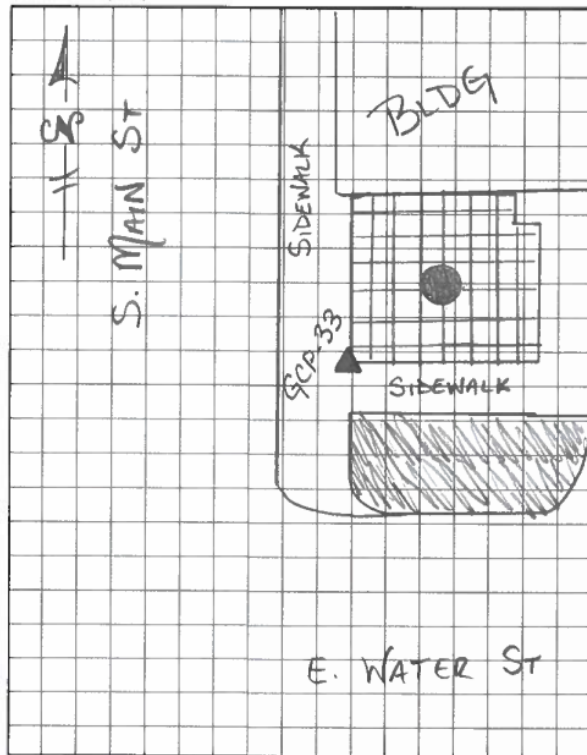
Date: 11-12-19 Time: 2:12 a.m. p.m.

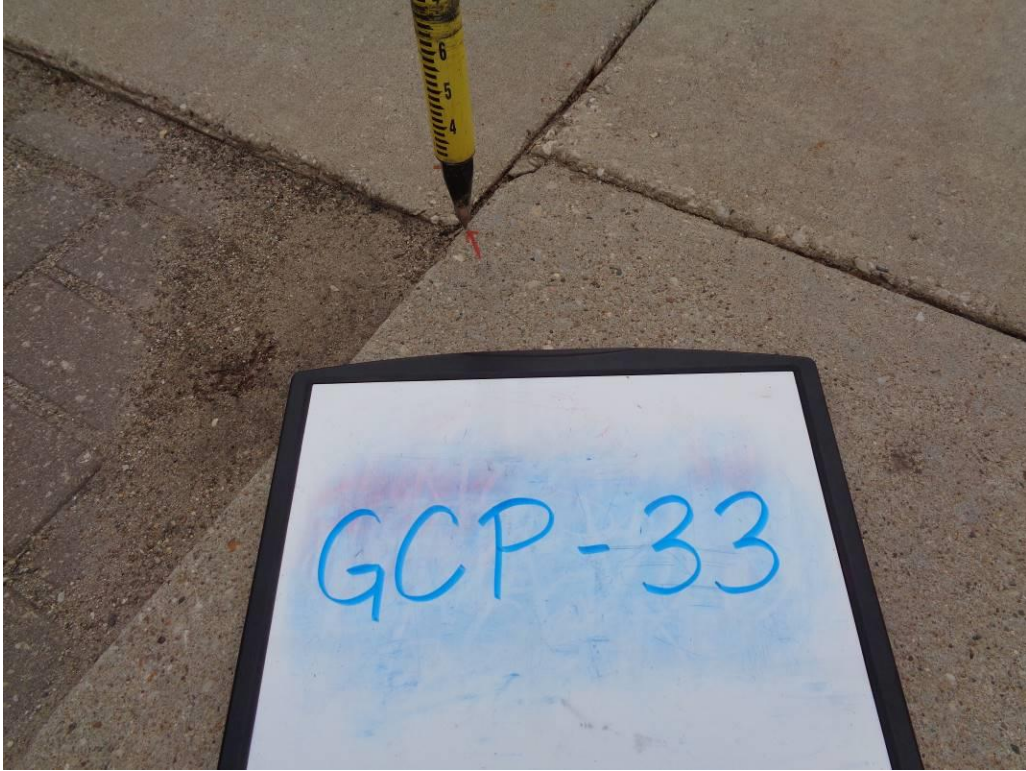
Re-Check Point Number: GCP-33 RC

Description of Point:

SHOT NW CORNER OF SIDEWALK INTERSECT. NE OF S. MAIN ST AND W. WATER ST INTERSECT.

Sketch Area (NTS)







GROUND CONTROL POINT DOCUMENTATION REPORT

Date: 11-08-19 Time: 1:59 a.m. p.m. Employee Name: Jesse Newman
 Job Name: IA_EasternIA 2019 B19 QL2 LiDAR GCP Point Number: GCP - 34
 State: Iowa Latitude: _____ + - Longitude: _____ + -
 Address and/or Intersection: _____

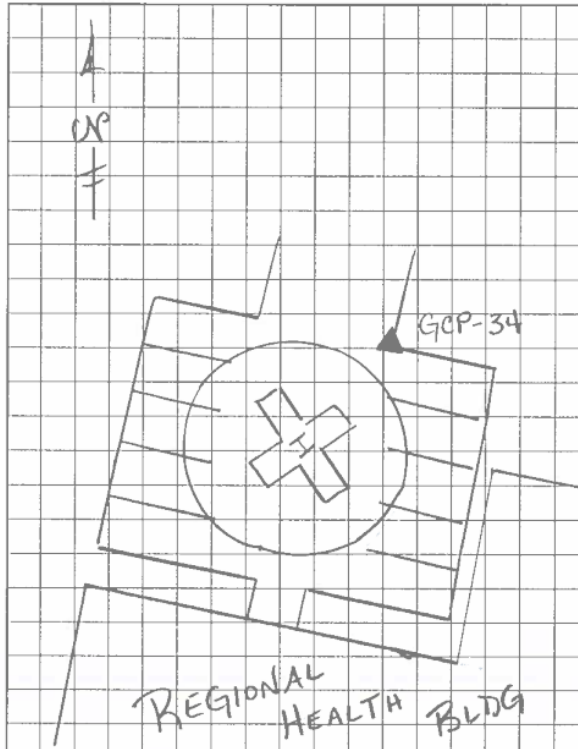
OBSERVATION METHOD

<input checked="" type="checkbox"/> VRS GPS	RMS: _____ H: _____ V: _____ Duration: <u>3min</u>
<input type="checkbox"/> STATIC GPS	(20 min.) Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.
<input type="checkbox"/> Conventional Pairs VRS	Point Number: _____ RMS: _____ H: _____ V: _____ Duration: _____ Point Number: _____ RMS: _____ H: _____ V: _____ Duration: _____
<input type="checkbox"/> Conventional Pairs STATIC	(20 min.) Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.

TYPE OF GROUND CONTROL POINT

- Paint Stripe
- Center/End Stop Bar
- Tip of Arrow
- Sidewalk Corner
- Driveway Corner
- Other: _____

Sketch Area (NTS)



PICTURES

- Picture(s) of Area & Setup

POINT RE-CHECK

Date: 11-08-19 Time: 2:03 a.m. p.m.

Re-Check Point Number: GCP-34CK

Description of Point:

SHOT CORNER OF CONC. ENTRANCE
TO PARKING BEHIND REGIONAL
HEALTH CENTER





GROUND CONTROL POINT DOCUMENTATION REPORT

Date: 11-05-19 Time: 3:07 a.m. p.m. Employee Name: Jesse Newman
 Job Name: IA_EasternIA 2019 B19 QL2 LIDAR GCP Point Number: GCP - 35
 State: Iowa Latitude: _____ + - Longitude: _____ + -
 Address and/or Intersection: _____

OBSERVATION METHOD

<input checked="" type="checkbox"/> VRS GPS	RMS: _____ H: _____ V: _____ Duration: <u>3min</u>
<input type="checkbox"/> STATIC GPS (20 min.)	Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.
<input type="checkbox"/> Conventional Pairs VRS	Point Number: _____ RMS: _____ H: _____ V: _____ Duration: _____
<input type="checkbox"/> Conventional Pairs STATIC (20 min.)	Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.
	Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.

TYPE OF GROUND CONTROL POINT

- Paint Stripe
- Center/End Stop Bar
- Tip of Arrow
- Sidewalk Corner
- Driveway Corner
- Other: _____

PICTURES

- Picture(s) of Area & Setup

POINT RE-CHECK

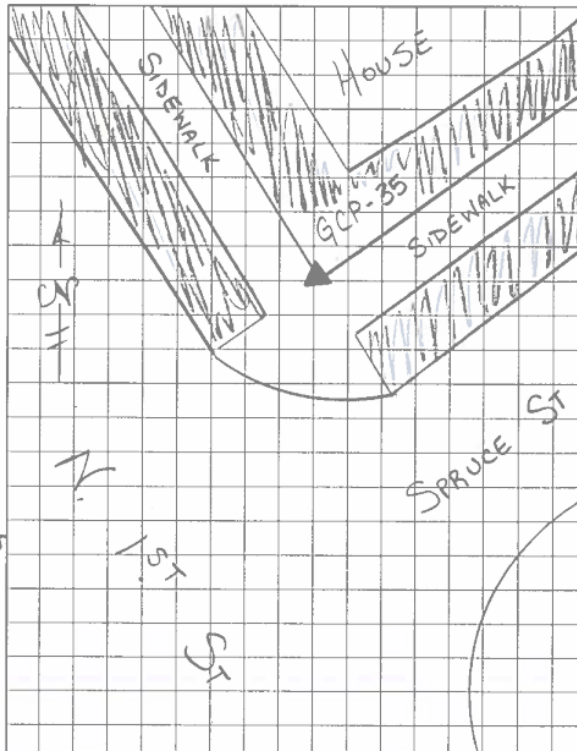
Date: 11-08-19 Time: 12:02 a.m. p.m.

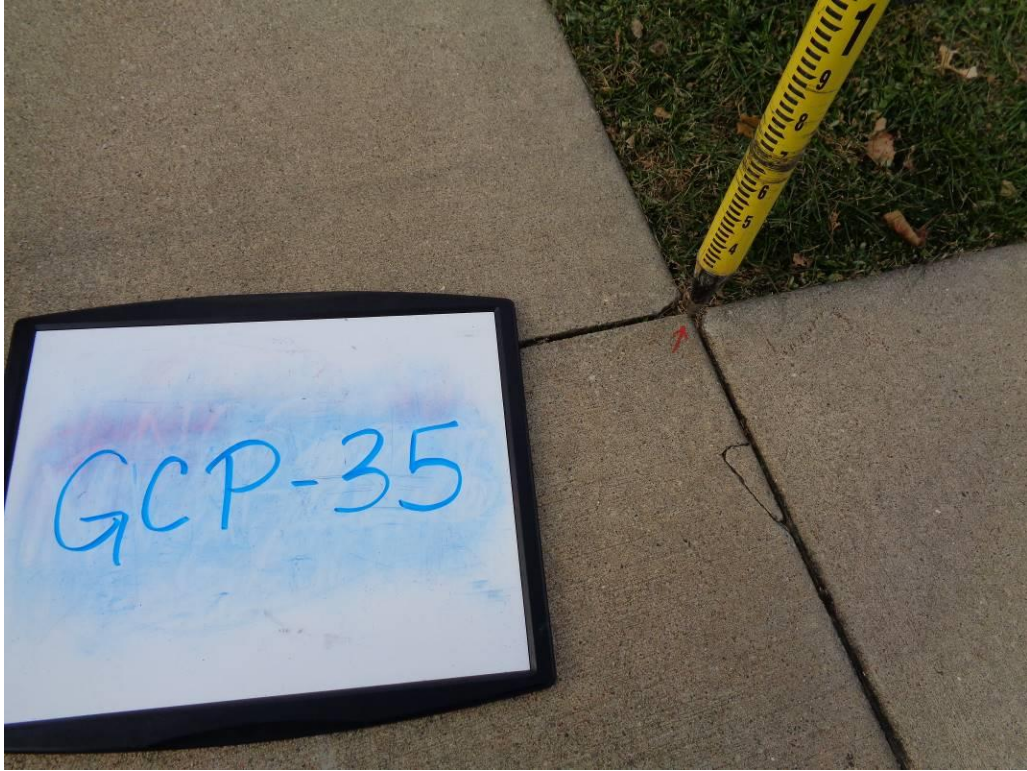
Re-Check Point Number: GCP-35RC

Description of Point:

SHOT NORTH CORNER OF
SIDEWALK INTERSECT. NORTH OF
N. 1ST ST AND SPRUCE ST INTERSECT

Sketch Area (NTS)







GROUND CONTROL POINT DOCUMENTATION REPORT

Date: 11-05-19 Time: 4:42 a.m. p.m. Employee Name: Jesse Newman
 Job Name: IA_EasternIA 2019 B19 QL2 LiDAR GCP Point Number: GCP - 36
 State: Iowa Latitude: _____ + - Longitude: _____ + -
 Address and/or Intersection: _____

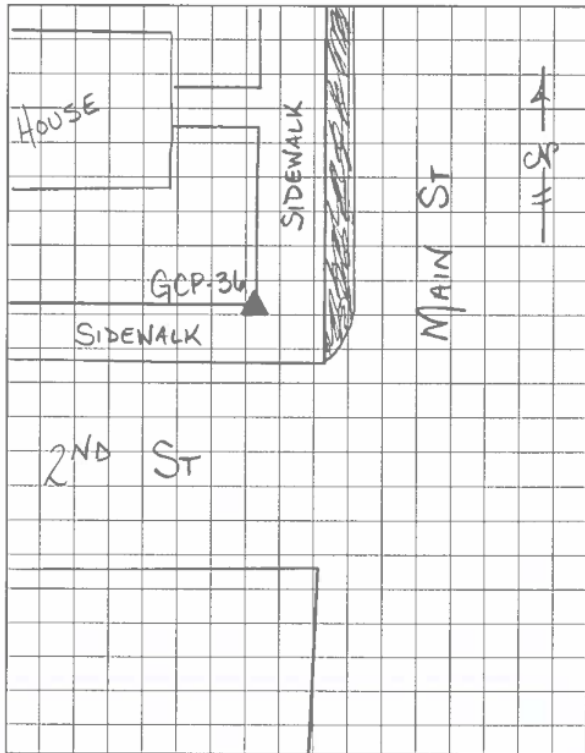
OBSERVATION METHOD

<input checked="" type="checkbox"/> VRS GPS	RMS: _____ H: _____ V: _____ Duration: <u>3min</u>
<input type="checkbox"/> STATIC GPS	(20 min.) Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.
<input type="checkbox"/> Conventional Pairs VRS	Point Number: _____ RMS: _____ H: _____ V: _____ Duration: _____ Point Number: _____ RMS: _____ H: _____ V: _____ Duration: _____
<input type="checkbox"/> Conventional Pairs STATIC	(20 min.) Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.

TYPE OF GROUND CONTROL POINT

- Paint Stripe
- Center/End Stop Bar
- Tip of Arrow
- Sidewalk Corner
- Driveway Corner
- Other: _____

Sketch Area (NTS)



PICTURES

- Picture(s) of Area & Setup

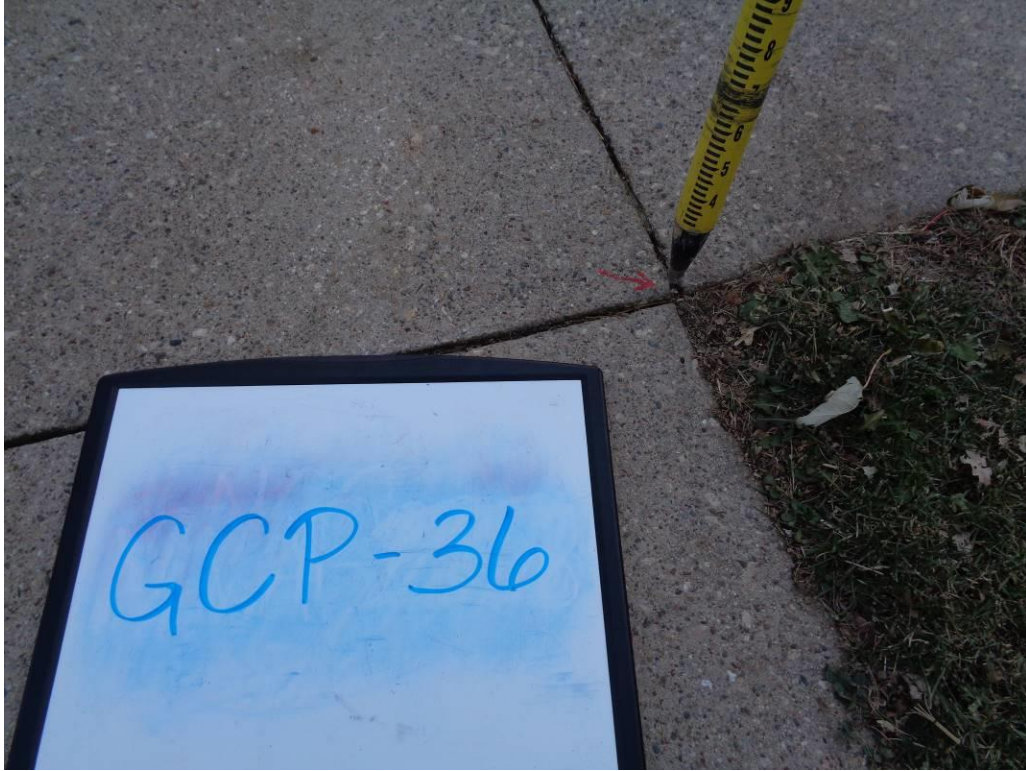
POINT RE-CHECK

Date: 11-06-19 Time: 3:26 a.m. p.m.

Re-Check Point Number: GCP-36RC

Description of Point:

SHOT NW CORNER OF SIDEWALK
90° NW OF MAIN ST AND
2nd ST INTERSECT.





GROUND CONTROL POINT DOCUMENTATION REPORT

Date: 11-06-19 Time: 1:08 a.m. p.m. Employee Name: Jesse Newman
 Job Name: IA_EasternIA 2019 B19 QL2 LIDAR GCP Point Number: GCP - 37
 State: Iowa Latitude: _____ + - Longitude: _____ + -
 Address and/or Intersection: _____

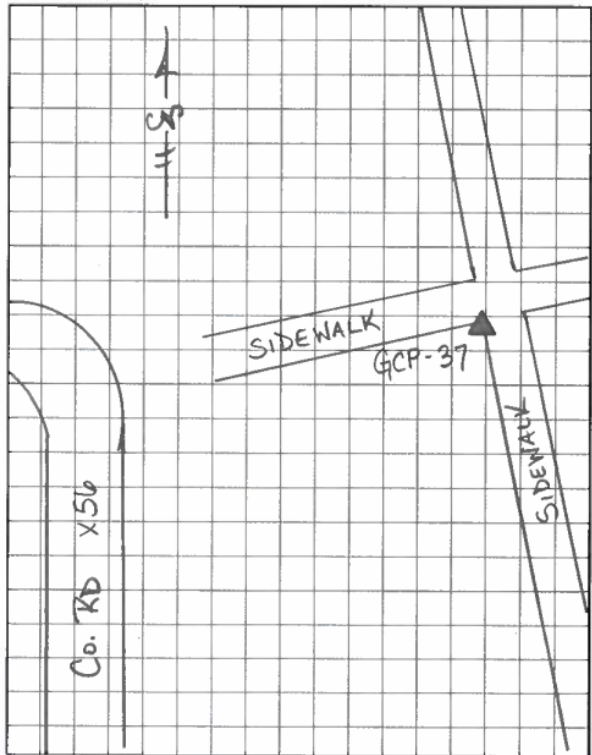
OBSERVATION METHOD

<input checked="" type="checkbox"/> VRS GPS	RMS: _____ H: _____ V: _____ Duration: <u>3min</u>
<input type="checkbox"/> STATIC GPS (20 min.)	Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.
<input type="checkbox"/> Conventional Pairs VRS	Point Number: _____ RMS: _____ H: _____ V: _____ Duration: _____
<input type="checkbox"/> Conventional Pairs STATIC (20 min.)	Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.
	Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.

TYPE OF GROUND CONTROL POINT

- Paint Stripe
- Center/End Stop Bar
- Tip of Arrow
- Sidewalk Corner
- Driveway Corner
- Other: _____

Sketch Area (NTS)



PICTURES

- Picture(s) of Area & Setup

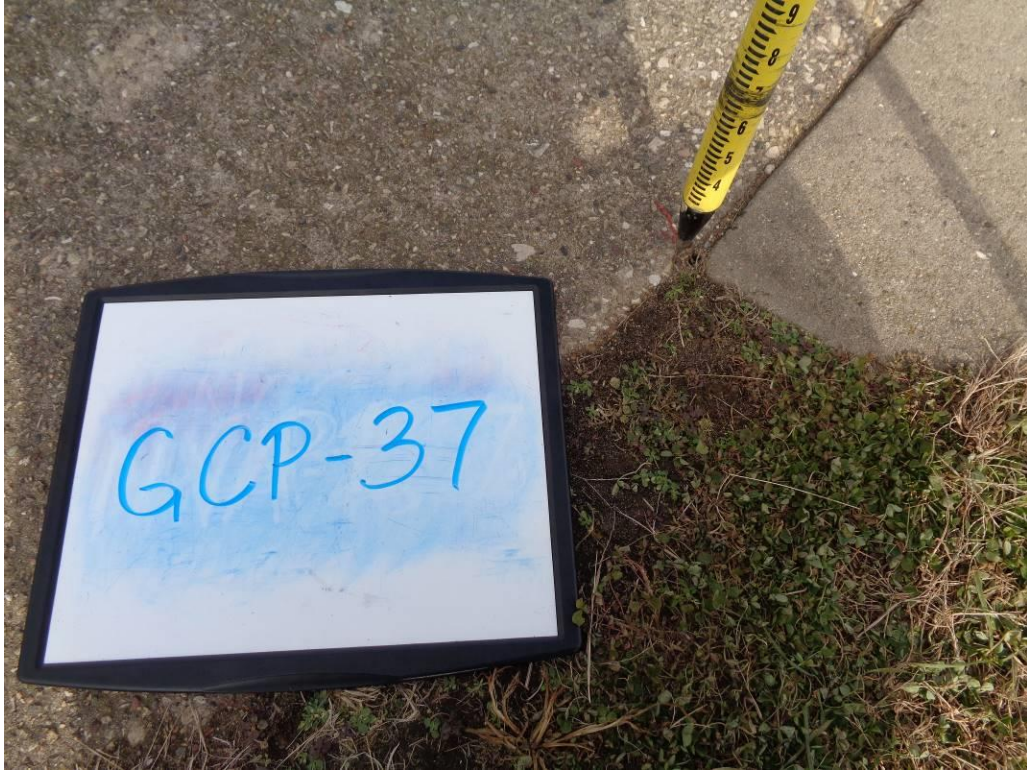
POINT RE-CHECK

Date: 11-06-19 Time: 1:15 a.m. p.m.

Re-Check Point Number: GCP-37CK

Description of Point:

SHOT SW CORNER OF SIDEWALK
INTERSECT. EAST OF CLAYTON Co.
Rd X56





GROUND CONTROL POINT DOCUMENTATION REPORT

Date: 11-05-19 Time: 10:20 a.m. p.m. Employee Name: Jesse Newman
 Job Name: IA_EasternIA 2019 B19 QL2 LIDAR GCP Point Number: GCP - 38
 State: Iowa Latitude: _____ + - Longitude: _____ + -
 Address and/or Intersection: _____

OBSERVATION METHOD

<input checked="" type="checkbox"/> VRS GPS	RMS: _____ H: _____ V: _____ Duration: <u>3min</u>
<input type="checkbox"/> STATIC GPS	(20 min.) Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.
<input type="checkbox"/> Conventional Pairs VRS	Point Number: _____ RMS: _____ H: _____ V: _____ Duration: _____ Point Number: _____ RMS: _____ H: _____ V: _____ Duration: _____
<input type="checkbox"/> Conventional Pairs STATIC	(20 min.) Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.

TYPE OF GROUND CONTROL POINT

- Paint Stripe
- Center/End Stop Bar
- Tip of Arrow
- Sidewalk Corner
- Driveway Corner
- Other: _____

PICTURES

- Picture(s) of Area & Setup

POINT RE-CHECK

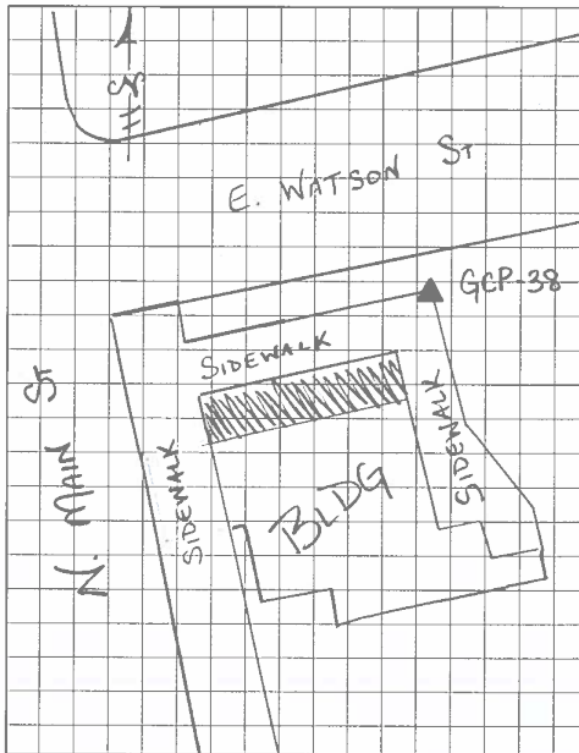
Date: 11-06-19 Time: 2:04 a.m. p.m.

Re-Check Point Number: GCP-38RC

Description of Point:

SHOT NORTH CORNER OF SIDEWALK
90° TURN SOUTH OF E. WATSON
ST.

Sketch Area (NTS)







GROUND CONTROL POINT DOCUMENTATION REPORT

Date: 11-03-19 Time: 8:54 a.m. p.m. Employee Name: Jesse Newman
 Job Name: IA_EasternIA 2019 B19 QL2 LIDAR GCP Point Number: GCP - 39
 State: Iowa Latitude: _____ + - Longitude: _____ + -
 Address and/or Intersection: _____

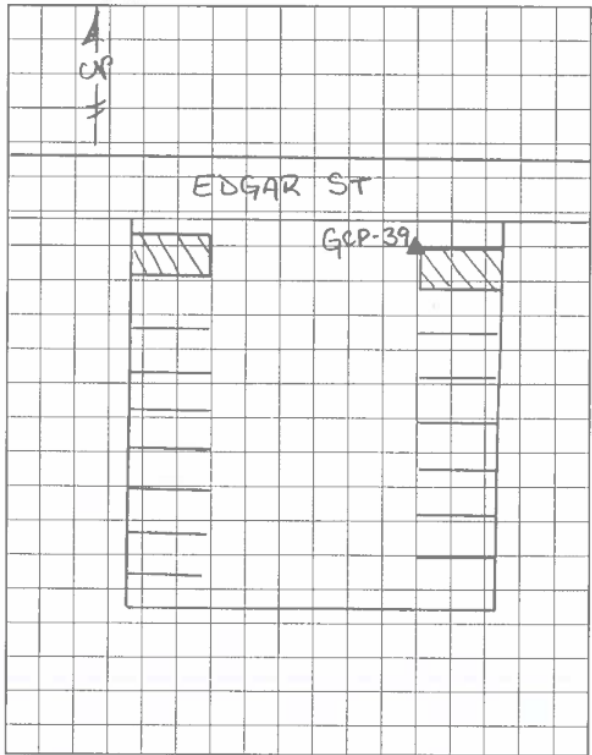
OBSERVATION METHOD

<input checked="" type="checkbox"/> VRS GPS	RMS: _____ H: _____ V: _____ Duration: <u>3min</u>
<input type="checkbox"/> STATIC GPS (20 min.)	Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.
<input type="checkbox"/> Conventional Pairs VRS	Point Number: _____ RMS: _____ H: _____ V: _____ Duration: _____
<input type="checkbox"/> Conventional Pairs STATIC (20 min.)	Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.
	Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.

TYPE OF GROUND CONTROL POINT

- Paint Stripe
- Center/End Stop Bar
- Tip of Arrow
- Sidewalk Corner
- Driveway Corner
- Other: CORNER OF HATCHED AREA

Sketch Area (NTS)



PICTURES

- Picture(s) of Area & Setup

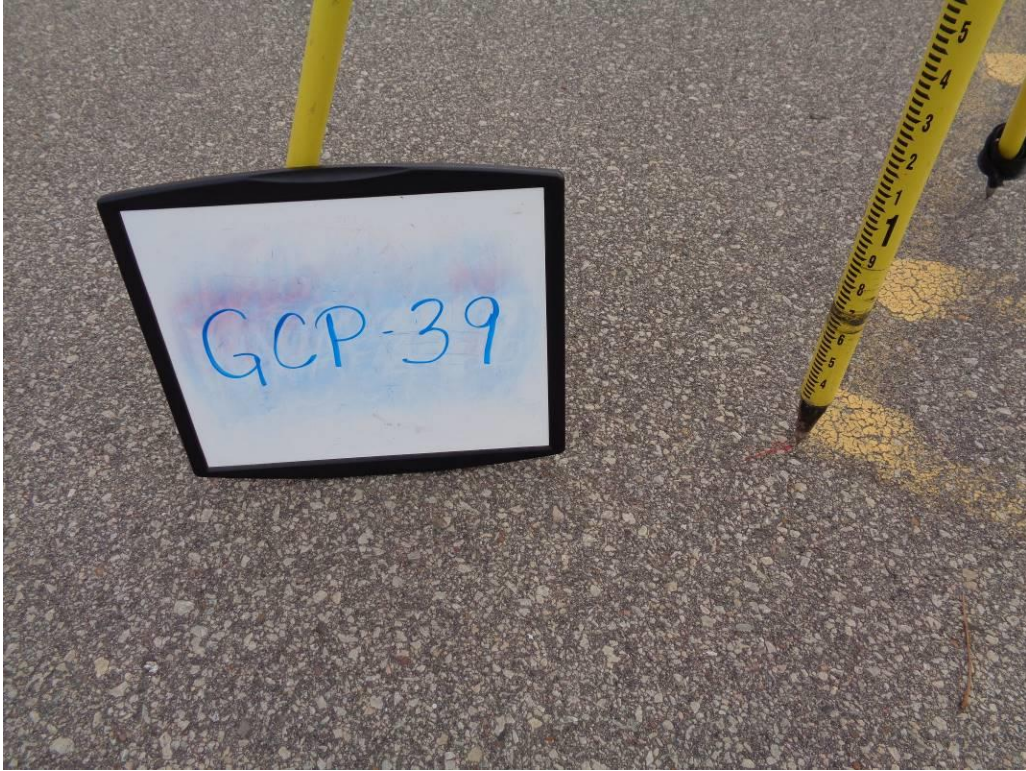
POINT RE-CHECK

Date: 11-03-19 Time: 4:05 a.m. p.m.

Re-Check Point Number: GCP-39RC

Description of Point:

SHOT NW CORNER OF EAST
NO PARKING AREA SOUTH OF
EDGAR ST.





GROUND CONTROL POINT DOCUMENTATION REPORT

Date: 11-04-19 Time: 4:46 a.m. p.m. Employee Name: Jesse Newman
 Job Name: IA_EasternIA 2019 B19 QL2 LiDAR GCP Point Number: GCP - 40
 State: Iowa Latitude: _____ + - Longitude: _____ + -
 Address and/or Intersection: _____

OBSERVATION METHOD

- VRS GPS RMS: _____ H: _____ V: _____ Duration: 3min
- STATIC GPS (20 min.) Start Time: _____ a.m. p.m. End: _____ a.m. p.m.
- Conventional Pairs VRS Point Number: _____ RMS: _____ H: _____ V: _____ Duration: _____
(20 min.) Point Number: _____ RMS: _____ H: _____ V: _____ Duration: _____
- Conventional Pairs STATIC Point Number: _____ Start Time: _____ a.m. p.m. End Time: _____ a.m. p.m.
Point Number: _____ Start Time: _____ a.m. p.m. End Time: _____ a.m. p.m.

TYPE OF GROUND CONTROL POINT

- Paint Stripe
- Center/End Stop Bar
- Tip of Arrow
- Sidewalk Corner
- Driveway Corner
- Other: _____

PICTURES

- Picture(s) of Area & Setup

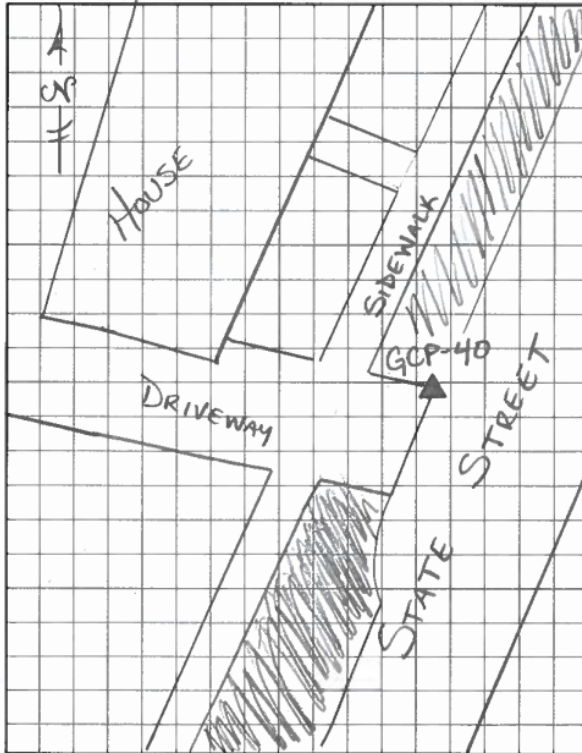
POINT RE-CHECK

Date: 11-05-19 Time: 1:00 a.m. p.m.

Re-Check Point Number: GCP-40RC

Description of Point:
SHOT NE CORNER OF DRIVEWAY
ENTRANCE TO 206 STATE ST

Sketch Area (NTS)







GROUND CONTROL POINT DOCUMENTATION REPORT

Date: 11-02-19 Time: 3:15 a.m. p.m. Employee Name: Jesse Newman
 Job Name: IA_EasternIA 2019 B19 QL2 LIDAR GCP Point Number: GCP - 41
 State: Iowa Latitude: _____ + - Longitude: _____ + -
 Address and/or Intersection: _____

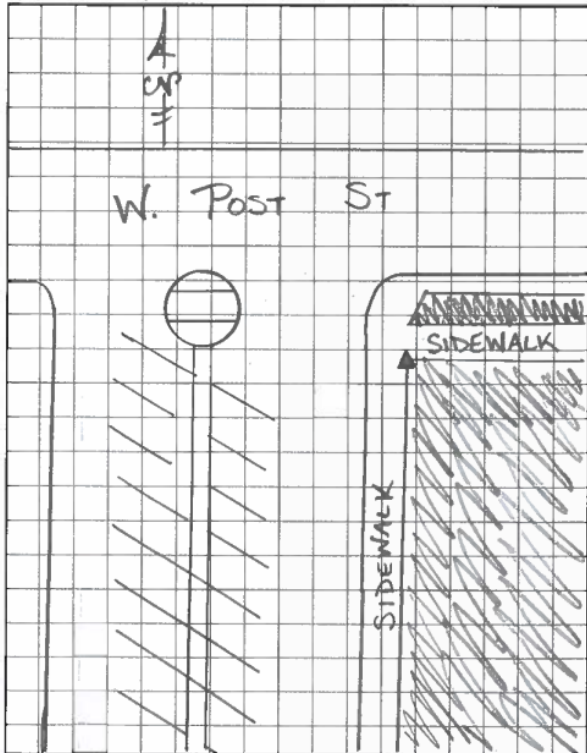
OBSERVATION METHOD

<input checked="" type="checkbox"/> VRS GPS	RMS: _____ H: _____ V: _____ Duration: <u>3 min</u>
<input type="checkbox"/> STATIC GPS	(20 min.) Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.
<input type="checkbox"/> Conventional Pairs VRS	Point Number: _____ RMS: _____ H: _____ V: _____ Duration: _____
<input type="checkbox"/> Conventional Pairs STATIC	(20 min.) Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.
	Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.

TYPE OF GROUND CONTROL POINT

- Paint Stripe
- Center/End Stop Bar
- Tip of Arrow
- Sidewalk Corner
- Driveway Corner
- Other: _____

Sketch Area (NTS)



PICTURES

- Picture(s) of Area & Setup

POINT RE-CHECK

Date: 11-04-19 Time: 12:49 a.m. p.m.

Re-Check Point Number: GCP-41RC

Description of Point:

SHOT SOUTH CORNER OF
SIDEWALK EAST OF JOHN R.
MOIT HIGH SCHOOL EXIT





GROUND CONTROL POINT DOCUMENTATION REPORT

Date: 11-01-19 Time: 12:44 a.m. p.m. Employee Name: Jesse Newman
 Job Name: IA_EasternIA 2019 B19 QL2 LiDAR GCP Point Number: GCP - 42
 State: Iowa Latitude: _____ + - Longitude: _____ + -
 Address and/or Intersection: _____

OBSERVATION METHOD

<input checked="" type="checkbox"/> VRS GPS	RMS: _____ H: _____ V: _____ Duration: <u>3min</u>
<input type="checkbox"/> STATIC GPS	(20 min.) Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.
<input type="checkbox"/> Conventional Pairs VRS	Point Number: _____ RMS: _____ H: _____ V: _____ Duration: _____ Point Number: _____ RMS: _____ H: _____ V: _____ Duration: _____
<input type="checkbox"/> Conventional Pairs STATIC	(20 min.) Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.

TYPE OF GROUND CONTROL POINT

- Paint Stripe
- Center/End Stop Bar
- Tip of Arrow
- Sidewalk Corner
- Driveway Corner
- Other: CONC. PAD CORNER

PICTURES

- Picture(s) of Area & Setup

POINT RE-CHECK

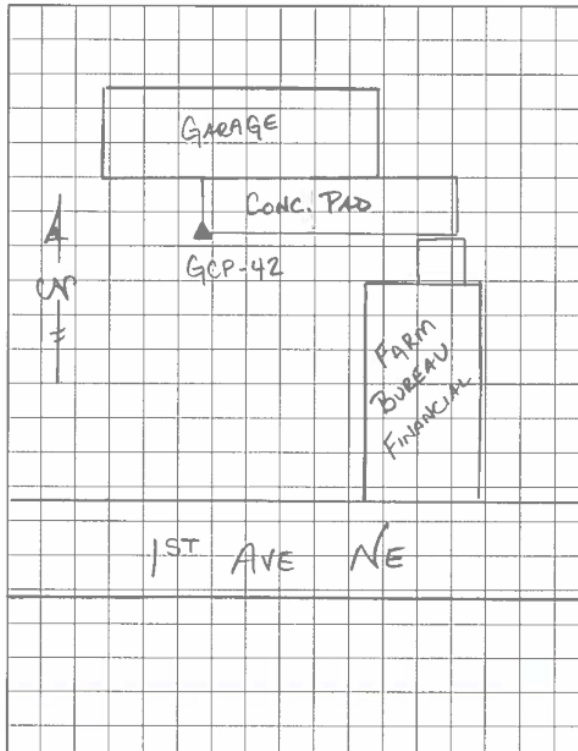
Date: 11-01-19 Time: 5:42 a.m. p.m.

Re-Check Point Number: GCP-42RC

Description of Point:

SHOT SW CORNER OF CONC. PAD BY FARM BUREAU FINANCIAL BUILDING NORTH OF 1ST AVE NE

Sketch Area (NTS)







GROUND CONTROL POINT DOCUMENTATION REPORT

Date: 11-01-19 Time: 4:48 a.m. p.m. Employee Name: Jesse Newman
 Job Name: IA_EasternIA 2019 B19 QL2 LiDAR GCP Point Number: GCP - 43
 State: Iowa Latitude: _____ + - Longitude: _____ + -
 Address and/or Intersection: _____

OBSERVATION METHOD

<input checked="" type="checkbox"/> VRS GPS	RMS: _____ H: _____ V: _____ Duration: <u>3min</u>
<input type="checkbox"/> STATIC GPS (20 min.)	Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.
<input type="checkbox"/> Conventional Pairs VRS	Point Number: _____ RMS: _____ H: _____ V: _____ Duration: _____ Point Number: _____ RMS: _____ H: _____ V: _____ Duration: _____
<input type="checkbox"/> Conventional Pairs STATIC (20 min.)	Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.

TYPE OF GROUND CONTROL POINT

- Paint Stripe
- Center/End Stop Bar
- Tip of Arrow
- Sidewalk Corner
- Driveway Corner
- Other: PARKING SQUARE CORNER

PICTURES

- Picture(s) of Area & Setup

POINT RE-CHECK

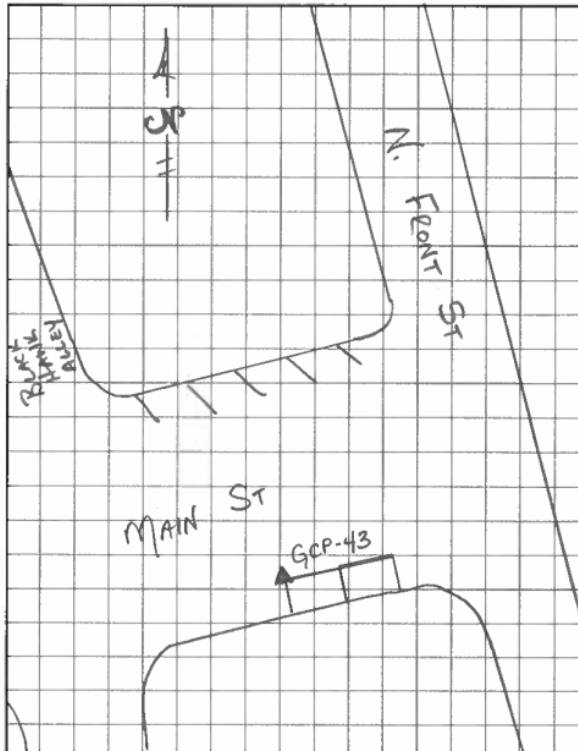
Date: 11-03-19 Time: 2:21 a.m. p.m.

Re-Check Point Number: GCP-43RC

Description of Point:

SHOT NW CORNER OF PARKING SQUARE ON SOUTH SIDE OF MAIN ST AT N. FRONT ST

Sketch Area (NTS)







GROUND CONTROL POINT DOCUMENTATION REPORT

Date: 10-30-19 Time: 5:19 a.m. p.m. Employee Name: Jesse Newman
 Job Name: IA_EasternIA 2019 B19 QL2 LiDAR GCP Point Number: GCP - 44
 State: Iowa Latitude: _____ + - Longitude: _____ + -
 Address and/or Intersection: _____

OBSERVATION METHOD

<input checked="" type="checkbox"/> VRS GPS	RMS: _____ H: _____ V: _____ Duration: <u>3min</u>
<input type="checkbox"/> STATIC GPS	(20 min.) Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.
<input type="checkbox"/> Conventional Pairs VRS	Point Number: _____ RMS: _____ H: _____ V: _____ Duration: _____ Point Number: _____ RMS: _____ H: _____ V: _____ Duration: _____
<input type="checkbox"/> Conventional Pairs STATIC	(20 min.) Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.

TYPE OF GROUND CONTROL POINT

- Paint Stripe
- Center/End Stop Bar
- Tip of Arrow
- Sidewalk Corner
- Driveway Corner
- Other: _____

PICTURES

- Picture(s) of Area & Setup

POINT RE-CHECK

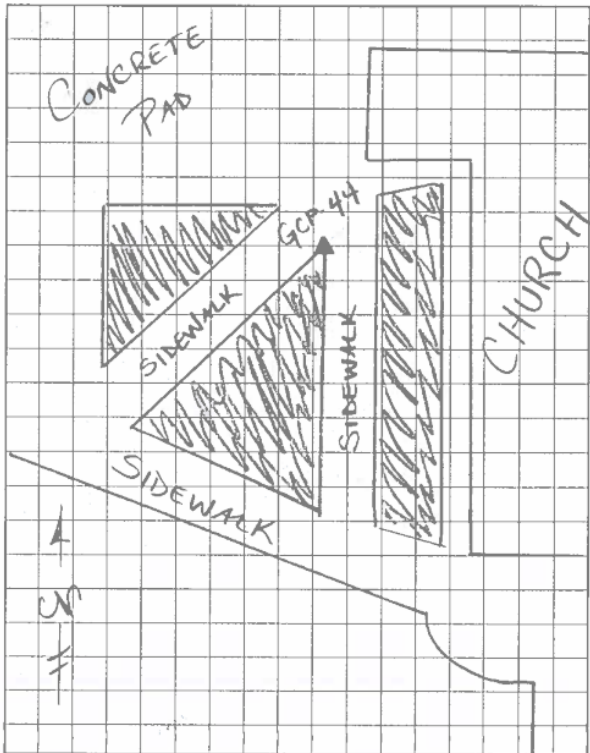
Date: 10-30-19 Time: 5:23 a.m. p.m.

Re-Check Point Number: GCP-44CK

Description of Point:

SHOT SIDEWALK INTERSECTION CORNER NEAR THE NW CORNER OF ST MARYS CHURCH

Sketch Area (NTS)







GROUND CONTROL POINT DOCUMENTATION REPORT

Date: 11-01-19 Time: 3:31 a.m. p.m. Employee Name: Jesse Newman
 Job Name: IA_EasternIA 2019 B19 QL2 LIDAR GCP Point Number: GCP - 45
 State: Iowa Latitude: _____ + - Longitude: _____ + -
 Address and/or Intersection: _____

OBSERVATION METHOD

<input checked="" type="checkbox"/> VRS GPS	RMS: _____ H: _____ V: _____ Duration: <u>3min</u>
<input type="checkbox"/> STATIC GPS	(20 min.) Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.
<input type="checkbox"/> Conventional Pairs VRS	Point Number: _____ RMS: _____ H: _____ V: _____ Duration: _____ Point Number: _____ RMS: _____ H: _____ V: _____ Duration: _____
<input type="checkbox"/> Conventional Pairs STATIC	(20 min.) Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.

TYPE OF GROUND CONTROL POINT

- Paint Stripe
- Center/End Stop Bar
- Tip of Arrow
- Sidewalk Corner
- Driveway Corner
- Other: _____

PICTURES

- Picture(s) of Area & Setup

POINT RE-CHECK

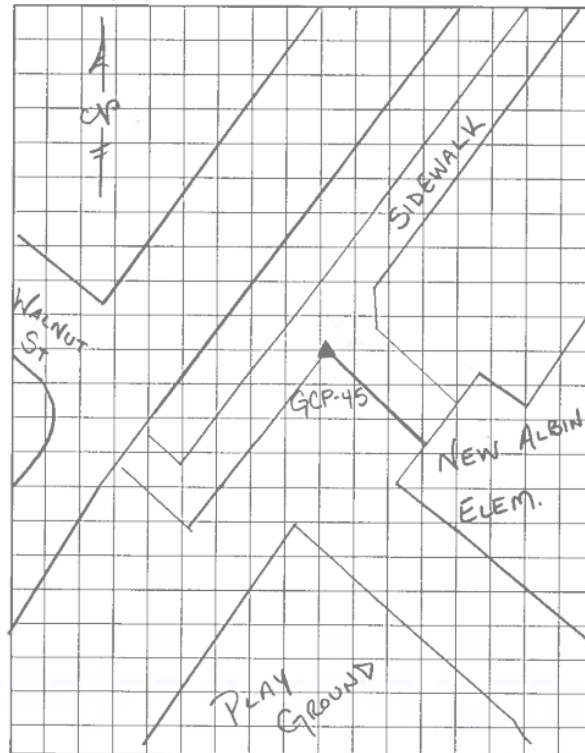
Date: 11-01-19 Time: 3:35 a.m. p.m.

Re-Check Point Number: GCP-45CK

Description of Point:

SHOT CORNER OF SIDEWALK AT NEW ALBIN ELEMENTARY

Sketch Area (NTS)







GROUND CONTROL POINT DOCUMENTATION REPORT

Date: 11-03-19 Time: 11:24 a.m. p.m. Employee Name: Jesse Newman
 Job Name: IA_EasternIA 2019 B19 QL2 LIDAR GCP Point Number: GCP - 46
 State: Iowa Latitude: _____ + - Longitude: _____ + -
 Address and/or Intersection: _____

OBSERVATION METHOD

<input checked="" type="checkbox"/> VRS GPS	RMS: _____ H: _____ V: _____ Duration: <u>3min</u>
<input type="checkbox"/> STATIC GPS	(20 min.) Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.
<input type="checkbox"/> Conventional Pairs VRS	Point Number: _____ RMS: _____ H: _____ V: _____ Duration: _____ Point Number: _____ RMS: _____ H: _____ V: _____ Duration: _____
<input type="checkbox"/> Conventional Pairs STATIC	(20 min.) Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.

TYPE OF GROUND CONTROL POINT

- Paint Stripe
- Center/End Stop Bar
- Tip of Arrow
- Sidewalk Corner
- Driveway Corner
- Other: _____

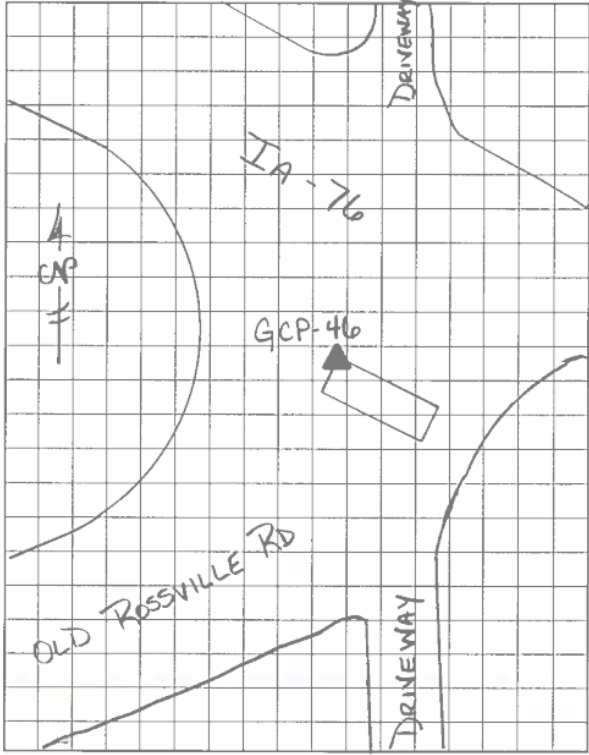
PICTURES

Picture(s) of Area & Setup

POINT RE-CHECK

Date: 11-04-19 Time: 11:19 a.m. p.m.
 Re-Check Point Number: GCP-46RC
 Description of Point:
SHOT NORTH CORNER OF STOP BAR ON OLD ROSSVILLE RD AT IA-76

Sketch Area (NTS)







GROUND CONTROL POINT DOCUMENTATION REPORT

Date: 11-03-19 Time: 3:29 a.m. p.m. Employee Name: Jesse Newman
 Job Name: IA_EasternIA 2019 B19 QL2 LiDAR GCP Point Number: GCP - 47
 State: Iowa Latitude: _____ + - Longitude: _____ + -
 Address and/or Intersection: _____

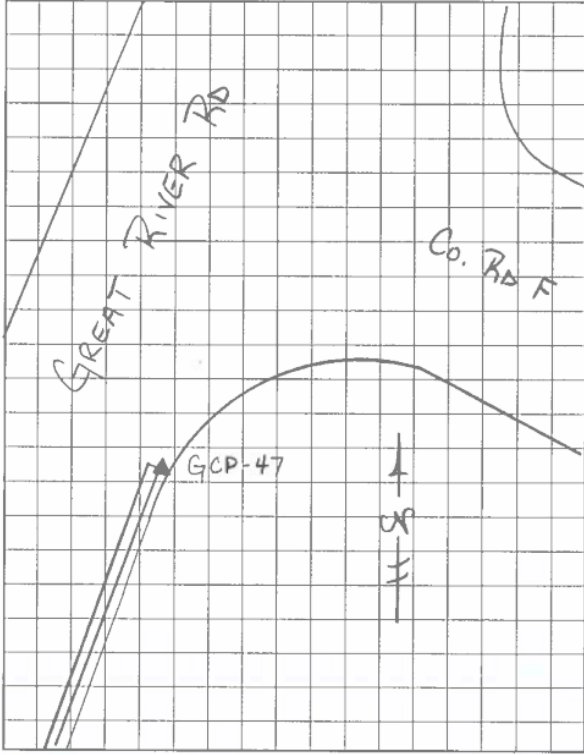
OBSERVATION METHOD

<input checked="" type="checkbox"/> VRS GPS	RMS: _____ H: _____ V: _____ Duration: <u>3 min</u>
<input type="checkbox"/> STATIC GPS	(20 min.) Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.
<input type="checkbox"/> Conventional Pairs VRS	Point Number: _____ RMS: _____ H: _____ V: _____ Duration: _____ Point Number: _____ RMS: _____ H: _____ V: _____ Duration: _____
<input type="checkbox"/> Conventional Pairs STATIC	(20 min.) Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.

TYPE OF GROUND CONTROL POINT

- Paint Stripe
- Center/End Stop Bar
- Tip of Arrow
- Sidewalk Corner
- Driveway Corner
- Other: _____

Sketch Area (NTS)



PICTURES

Picture(s) of Area & Setup

POINT RE-CHECK

Date: 11-04-19 Time: 8:47 a.m. p.m.

Re-Check Point Number: GCP-47RC

Description of Point:
SHOT EAST CORNER OF WHITE STRIPE SE OF GREAT RIVER RD AND Co Rd F INTERSECT.





GROUND CONTROL POINT DOCUMENTATION REPORT

Date: 10-31-19 Time: 4:33 a.m. p.m. Employee Name: Jesse Newman
 Job Name: IA_EasternIA 2019 B19 QL2 LIDAR GCP Point Number: GCP - 48
 State: Iowa Latitude: _____ + - Longitude: _____ + -
 Address and/or Intersection: _____

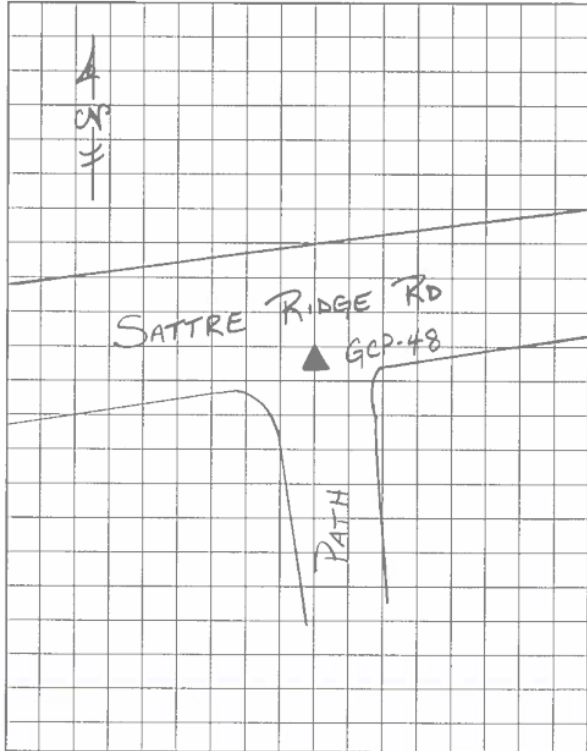
OBSERVATION METHOD

<input checked="" type="checkbox"/> VRS GPS	RMS: _____ H: _____ V: _____ Duration: <u>3min</u>
<input type="checkbox"/> STATIC GPS	(20 min.) Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.
<input type="checkbox"/> Conventional Pairs VRS	Point Number: _____ RMS: _____ H: _____ V: _____ Duration: _____
<input type="checkbox"/> Conventional Pairs STATIC	(20 min.) Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.
	Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.

TYPE OF GROUND CONTROL POINT

- Paint Stripe
- Center/End Stop Bar
- Tip of Arrow
- Sidewalk Corner
- Driveway Corner
- Other: OPEN GRAVEL

Sketch Area (NTS)



PICTURES

- Picture(s) of Area & Setup

POINT RE-CHECK

Date: 10-31-19 Time: 4:37 a.m. p.m.

Re-Check Point Number: GCP-48CK

Description of Point:

NAIL IN GRAVEL ON SATTRE RIDGE RD AT PATH ENTRANCE





GROUND CONTROL POINT DOCUMENTATION REPORT

Date: 11-12-19 Time: 12:52 a.m. p.m. Employee Name: Jesse Newman
 Job Name: IA_EasternIA 2019 B19 QL2 LiDAR GCP Point Number: GCP-49
 State: Iowa Latitude: _____ + - Longitude: _____ + -
 Address and/or Intersection: _____

OBSERVATION METHOD

<input checked="" type="checkbox"/> VRS GPS	RMS: _____ H: _____ V: _____ Duration: <u>3min</u>
<input type="checkbox"/> STATIC GPS	(20 min.) Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.
<input type="checkbox"/> Conventional Pairs VRS	Point Number: _____ RMS: _____ H: _____ V: _____ Duration: _____
<input type="checkbox"/> Conventional Pairs STATIC	(20 min.) Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.
	Point Number: _____ Start Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. End Time: _____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.

TYPE OF GROUND CONTROL POINT

- Paint Stripe
- Center/End Stop Bar
- Tip of Arrow
- Sidewalk Corner
- Driveway Corner
- Other: OPEN

PICTURES

- Picture(s) of Area & Setup

POINT RE-CHECK

Date: 11-12-19 Time: 12:56 a.m. p.m.
 Re-Check Point Number: GCP-49CK
 Description of Point:
NAIL IN ASPHALT ON A. AVE
SOUTH OF BUSH RD

Sketch Area (NTS)

