

July 15, 2014

**Commonwealth Aerial Photography
and Elevation Data Program**

For

The Commonwealth of Kentucky

**Photogrammetric Ground Control
and
LiDAR Ground Truing Points**

PSI NO. 7145-004

GRWAS NO. 2576-114

Presented By:



523 Wellington Way
Lexington, Ky 40503
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Table of Contents

- I Survey Report**
- II Coordinate Summary for Control and Ground Truing Points**
- III Data Log Sheets with Photographs**
- IV NGS Data Sheets**

Survey Report

Summary

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Survey Report

GRW Aerial Surveys, Inc. (GRWAS) was contracted by Photo Science, Inc. (PSI) to collect of 137 photogrammetric ground control points (control) along with 5 LiDAR ground truing points (truing) associated with each control point.

The five truing points were collected in the following five different land cover types:

- 1) BE Bare Earth and low grass (e.g. plowed fields, lawns, golf courses)
- 2) HG High Grass, weeds, and crops (e.g. hay fields, corn fields, wheat fields)
- 3) BR Brush land and low trees (e.g. scrubby low trees and bushes)
- 4) FA Forested, fully covered by trees (e.g. hardwoods, evergreens, mixed forest)
- 5) UA Urban Areas (e.g. high dense manmade structures)

The control and truing points observed are encompassed by the following Kentucky counties: Adair, Allen, Barren, Breckenridge, Butler, Cumberland, Edmonson, Grayson, Green, Hancock, Hart, Larue, Logan, Meade, Metcalfe, Ohio, Simpson, Taylor, and Warren.

Real Time Kinnematic GNSS survey techniques were selected as the primary means of collecting positions and elevations for the control and truing points, utilizing the Kentucky Transportation Cabinet's Real Time Network (KYTCRTN) in Virtual Reference System (VRS) mode. At this time the KYTCRTN was/is broadcasting corrections in NAD 83(NSRS 2011) epoch 2010.00 and NAVD 88 using the National Geodetic Survey (NGS) Geoid12A geoid model.

Where the lack of reliable cell phone service precluded the use of the RTN, or the KYTCRTN was out of service, short static GPS sessions were observed for the control points along with a supporting back sight points. The static GPS data was then processed using the National Geodetic Survey (NGS) Rapid Static Online Positioning System (OPUS-RS). The computed coordinates for the control point and back sight point were used to compute positions for the truing points from data collected using conventional surveying techniques (i.e. total station).

NGS and KYTC geodetic control stations were used as RTK validation points.

The method used to position both the control and truing points may be found in the Coordinate Summary.

In general, control points and back sights are recoverable physical features or temporary markers e.g. mag-nails. No recoverable markers were set at the truing point locations. Digital photographs were taken of both control and truing locations (see data sheets). Control stations are labeled with the stations names as provided by PSI. The truing points are labeled with the control station name followed by “-XX” where “XX” is the ground cover type code represented by the truing point.

Time Frame:

Date of first field observation: GPS DOY 105 4/15/2014

Date of last field observation: GPS DOY 122 5/02/2014

GRWAS Personnel:

Ed Rinehart KYPLS #2283 - Project Administration & Management

Wolfgang Ziegler KYPLS #3098 – Computation, Analysis, Report Preparation

Bryan Novy – Field Party Chief

Cody Sanders – Field Party Chief/Member

Anthony Deprosky – Survey Party Member

Survey Equipment:

Trimble R8-2 GNSS Receiver S/N 4849161172 with integrated antenna

Trimble R8-3 GNSS Receiver S/N 5046455546 with integrated antenna

Trimble R3-2 GNSS Receiver S/N 5046455856 with integrated antenna

Trimble 5700 GPS Receiver S/N 0220283971

With TRM41249.00 antenna S/N 12282066

Fixed height 2.000 meter by-pods and tri-pods were used for all RTK/VRS observations. Static GPS & GNSS data were collected using 1.800, 2.000, and 2.048 meter ARP heights.

Office Equipment & Software:

Dell Precision M4400 notebook computer.

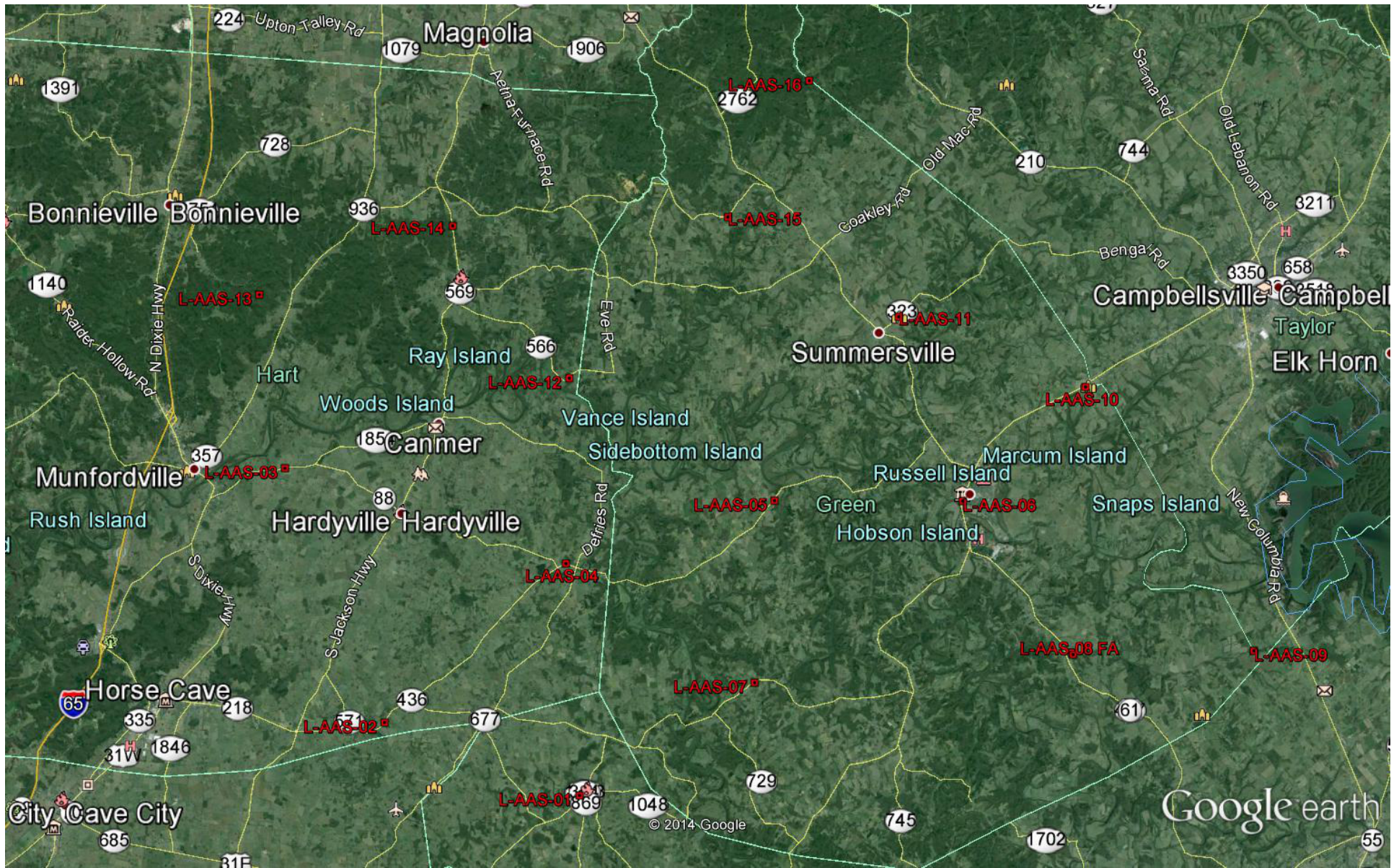
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Microsoft Excel 2010

Adobe Acrobat V9

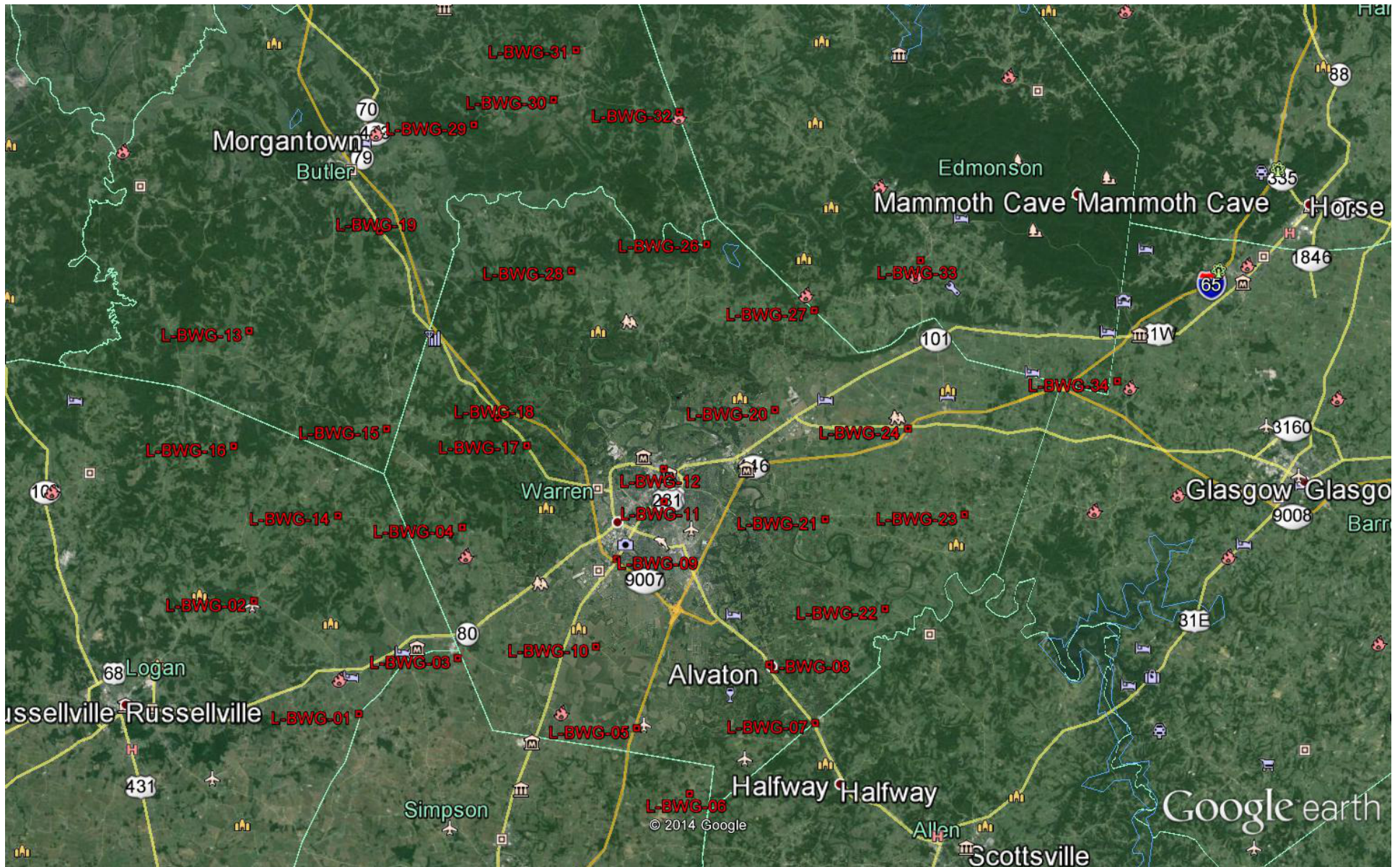
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Trimble Business Center V2.6



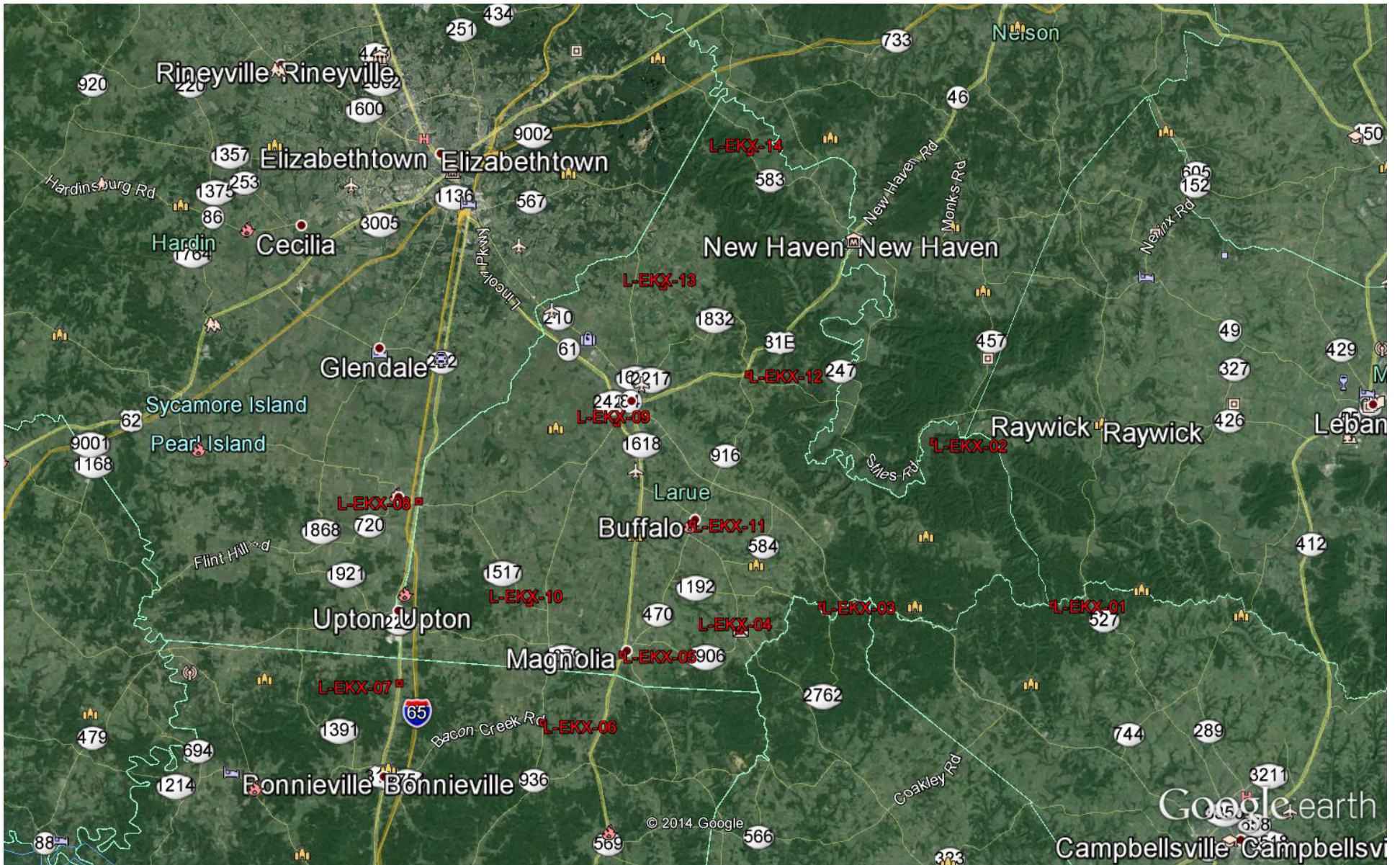
Google earth





Google earth

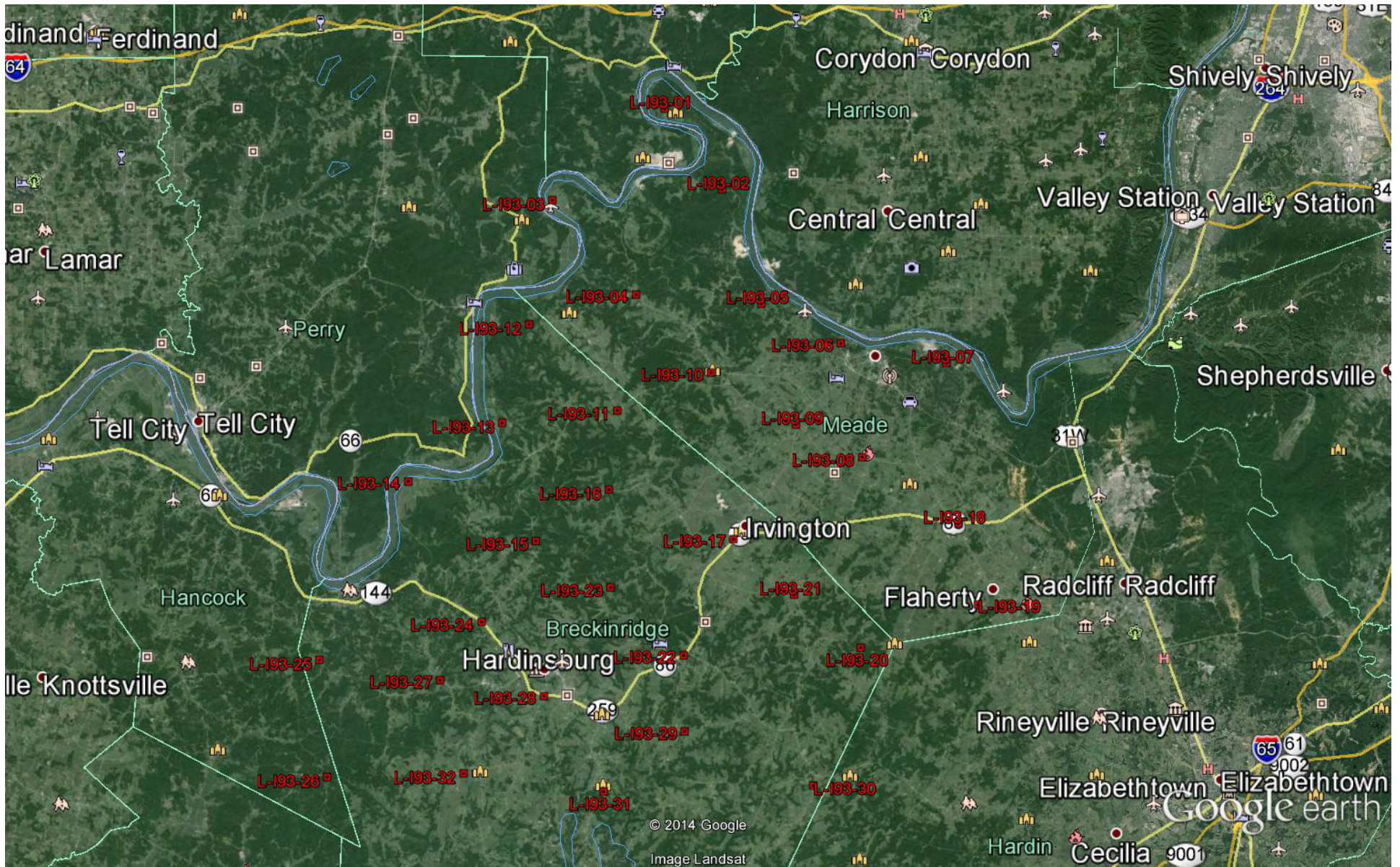




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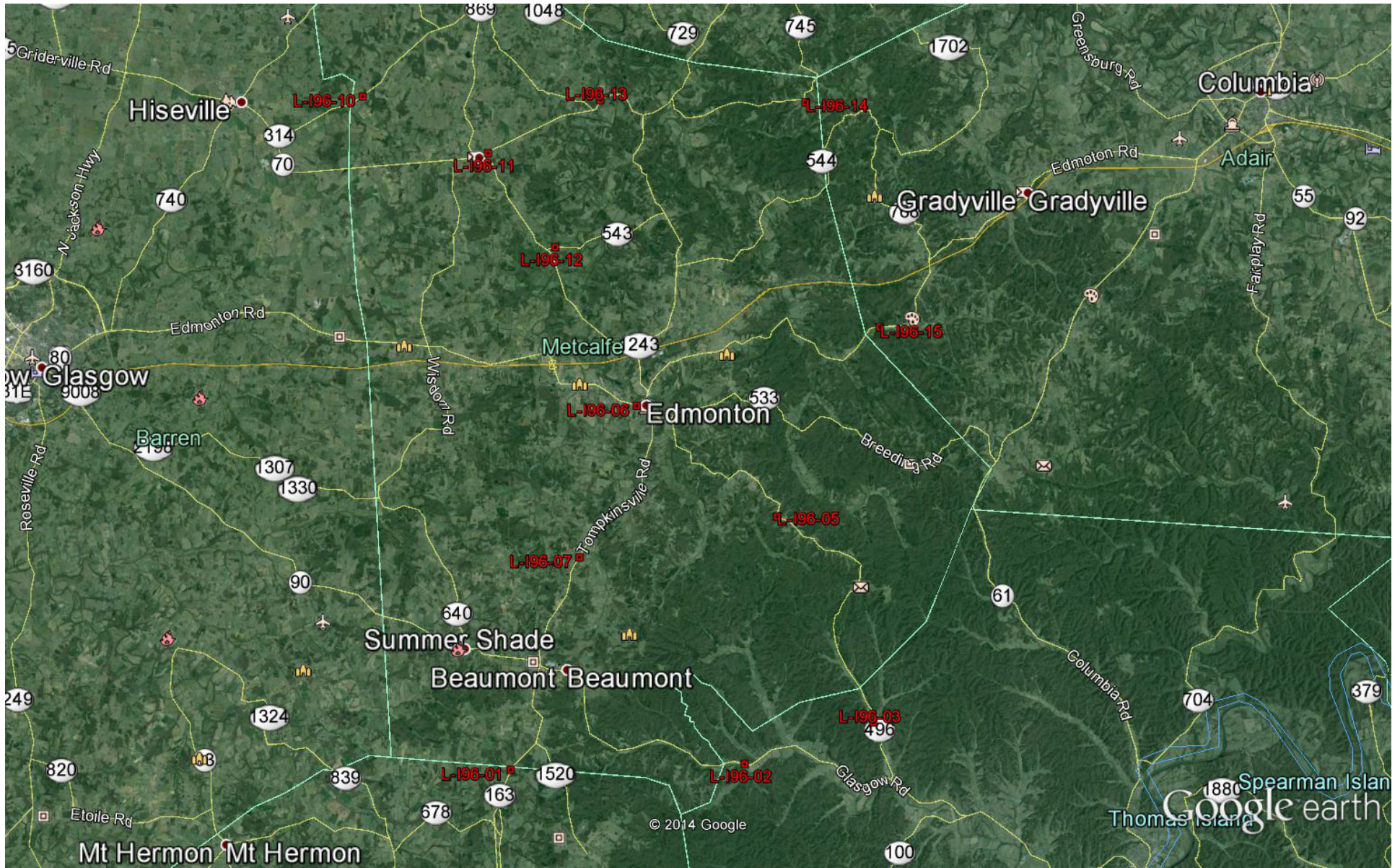
miles
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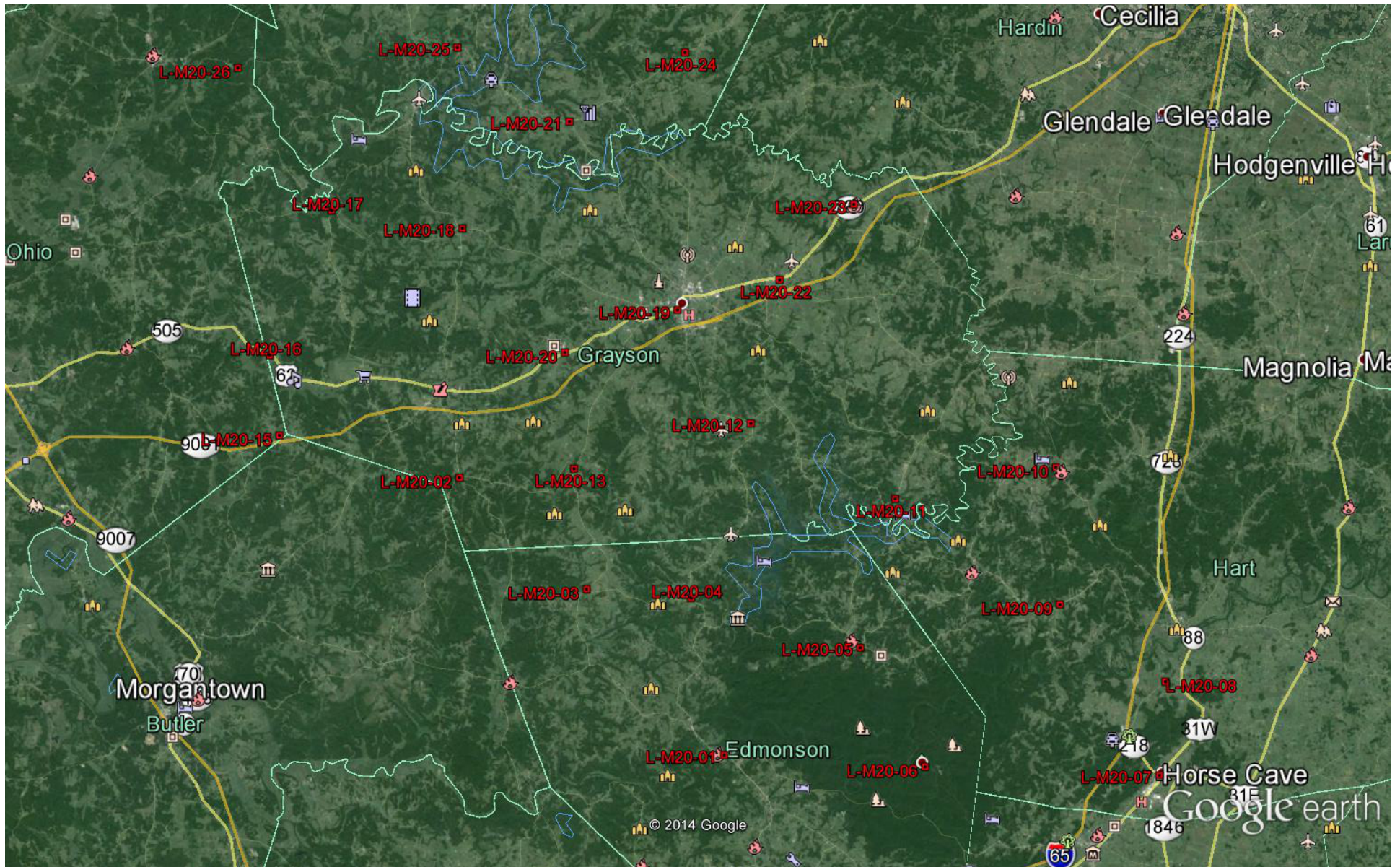
Google earth





Google earth





Google earth

miles
km

30

60



Coordinate Summary for Photogrammetric Ground Control and LiDAR Truing Points

Horizontal = NAD 83(2011) Epoch 2010.00 KY S.P.P.C.S. - Single Zone - U.S. Survey Feet

Vertical = NAVD 88(GEOID 12A) - U.S. Survey Feet

<u>Point ID</u>	<u>Northing(Y)</u>	<u>Easting(X)</u>	<u>Elevation(Z)</u>	<u>Method</u>	<u>COMMENT</u>
L-AAS-01	3574801.76	4936855.97	819.29	VRS	SE CNR WALK @ PARK LOT
L-AAS-01 BE	3574782.87	4936987.59	818.61	VRS	
L-AAS-01 BR	3574584.49	4936997.90	811.29	VRS	
L-AAS-01 FA	3574834.98	4937028.63	818.20	VRS	
L-AAS-01 HG	3574899.26	4937052.59	817.40	VRS	
L-AAS-01 UA	3574778.04	4936925.28	819.55	VRS	
L-AAS-02	3585550.04	4908199.86	647.86	VRS	N EDGE DRIVE @ CLR CH NAIL SET
L-AAS-02 BE	3585590.70	4908220.02	647.86	VRS	
L-AAS-02 BR	3585728.89	4908292.36	648.32	VRS	
L-AAS-02 FA	3585587.67	4908298.55	650.60	VRS	
L-AAS-02 HG	3585410.72	4908108.53	648.23	VRS	
L-AAS-02 UA	3585837.95	4908335.14	649.54	VRS	
L-AAS-03	3622915.09	4893650.67	611.78	VRS	CL DR @ RD EDGE NAIL SET
L-AAS-03 BE	3622858.17	4893595.05	610.13	VRS	
L-AAS-03 BR	3623155.12	4894466.28	637.60	VRS	
L-AAS-03 FA	3623112.72	4894555.95	639.56	VRS	
L-AAS-03 HG	3623174.15	4894633.82	644.15	VRS	
L-AAS-03 UA	3622954.46	4893631.05	611.55	VRS	
L-AAS-04	3608810.18	4934977.02	740.19	VRS	CL S END WALK
L-AAS-04 BE	3608727.48	4934900.21	737.24	VRS	
L-AAS-04 BR	3609496.66	4934745.84	790.99	VRS	
L-AAS-04 FA	3610590.99	4933838.89	807.31	VRS	
L-AAS-04 HG	3608871.74	4934877.57	748.77	VRS	
L-AAS-04 UA	3608763.25	4934954.12	737.73	VRS	

<u>Point ID</u>	<u>Northing(Y)</u>	<u>Easting(X)</u>	<u>Elevation(Z)</u>	<u>Method</u>	<u>COMMENT</u>
L-AAS-05	3617911.61	4965689.00	700.67	VRS	N MOST CNR WALK @ CL WALK
L-AAS-05 BE	3617983.39	4965636.19	695.87	VRS	
L-AAS-05 BR	3618069.13	4965683.98	696.49	VRS	
L-AAS-05 FA	3617924.51	4965588.30	693.99	VRS	
L-AAS-05 HG	3617848.36	4965635.37	700.24	VRS	
L-AAS-05 UA	3617822.54	4965676.32	701.80	VRS	
L-AAS-06	3617757.27	4993379.29	576.17	VRS	CL N END PARK STRIPE NAIL SET
L-AAS-06 BE	3617648.84	4993432.17	553.72	VRS	
L-AAS-06 BR	3617387.66	4993402.07	549.25	VRS	
L-AAS-06 FA	3617708.19	4993545.94	554.78	VRS	
L-AAS-06 FG	3617403.49	4993443.13	550.16	VRS	
L-AAS-06 UA	3617704.09	4993338.34	574.40	VRS	
L-AAS-07	3591266.13	4962666.02	815.66	VRS	NW CNR PARK STRIPES NAIL SET
L-AAS-07 BE	3591309.88	4962703.95	813.76	VRS	
L-AAS-07 BR	3591126.94	4962854.72	813.67	VRS	
L-AAS-07 FA	3591161.31	4962788.46	814.84	VRS	
L-AAS-07 HG	3591245.88	4962471.94	817.76	VRS	
L-AAS-07 UA	3591279.45	4962584.95	816.35	VRS	
L-AAS-08	3595404.06	5009438.47	826.81	VRS	SE CNR MEDIAN NAIL SET
L-AAS-08 BE	3595363.63	5009446.41	824.43	VRS	
L-AAS-08 BR	3595472.23	5009485.03	824.05	VRS	
L-AAS-08 FA	3595172.56	5009574.36	816.65	VRS	
L-AAS-08 HG	3595404.24	5009619.97	810.42	VRS	
L-AAS-08 UA	3595283.49	5009553.27	823.83	VRS	
L-AAS-09	3595644.29	5036176.95	704.07	VRS	NE CNR MEDIAN NAIL SET
L-AAS-09 BE	3595633.87	5036303.93	703.32	VRS	
L-AAS-09 BR	3595695.12	5036311.76	704.20	VRS	
L-AAS-09 FA	3595639.23	5036070.25	701.12	VRS	
L-AAS-09 HG	3595589.58	5036135.19	700.10	VRS	
L-AAS-09 UA	3595584.10	5036082.84	703.64	VRS	

<u>Point ID</u>	<u>Northing(Y)</u>	<u>Easting(X)</u>	<u>Elevation(Z)</u>	<u>Method</u>	<u>COMMENT</u>
L-AAS-10	3634421.49	5011496.17	833.96	VRS	CL S EDGE PARK STRIPE NAIL SET
L-AAS-10 BE	3634478.71	5011603.66	833.09	VRS	
L-AAS-10 BR	3634576.14	5011787.53	834.11	VRS	
L-AAS-10 FA	3634402.95	5011818.07	832.70	VRS	
L-AAS-10 HG	3634349.32	5011745.41	831.58	VRS	
L-AAS-10 UA	3634416.86	5011577.91	835.25	VRS	
L-AAS-11	3644799.14	4984047.19	825.42	VRS	NE CNR WALK @ EDGE OF PARKING
L-AAS-11 BE	3644684.79	4984132.88	822.12	VRS	
L-AAS-11 BR	3644775.37	4984216.67	813.76	VRS	
L-AAS-11 FA	3644616.44	4984106.95	820.57	VRS	
L-AAS-11 HG	3643494.86	4979282.74	810.67	VRS	
L-AAS-11 UA	3644798.63	4984115.60	825.90	VRS	
L-AAS-12	3635967.81	4935556.14	721.06	VRS	CL DRIVE @ EDGE RD NAIL SET
L-AAS-12 BE	3636015.70	4935586.10	726.14	VRS	
L-AAS-12 BR	3635934.76	4935605.56	719.74	VRS	
L-AAS-12 FA	3636004.33	4935630.03	724.93	VRS	
L-AAS-12 HG	3635967.08	4935587.97	722.54	VRS	
L-AAS-12 UA	3636058.57	4935566.20	723.57	VRS	
L-AAS-13	3648362.16	4890033.79	907.12	VRS	CL DRIVE @ EDGE RD NAIL SET
L-AAS-13 BE	3648324.26	4889947.38	922.11	VRS	
L-AAS-13 BR	3648239.98	4890023.22	901.20	VRS	
L-AAS-13 FA	3648334.47	4890057.74	904.67	VRS	
L-AAS-13 HG	3648379.43	4889944.42	929.95	VRS	
L-AAS-13 UA	3648306.25	4890040.32	904.46	VRS	
L-AAS-14	3658348.28	4918490.53	771.79	VRS	N EDGE DRIVE @ CLR CH NAIL SET
L-AAS-14 BE	3658619.23	4918423.19	774.50	VRS	
L-AAS-14 BR	3658457.97	4918435.82	772.36	VRS	
L-AAS-14 FA	3658657.52	4918389.35	771.68	VRS	
L-AAS-14 HG	3658540.82	4918415.30	766.52	VRS	
L-AAS-14 UA	3658308.80	4918507.73	771.21	VRS	

<u>Point ID</u>	<u>Northing(Y)</u>	<u>Easting(X)</u>	<u>Elevation(Z)</u>	<u>Method</u>	<u>COMMENT</u>
L-AAS-15	3659519.26	4958972.93	750.34	VRS	CL RD @ EDGE OF RD NAIL SET
L-AAS-15 BE	3659513.54	4959035.26	747.30	VRS	
L-AAS-15 BR	3659344.65	4958028.17	725.22	VRS	
L-AAS-15 FA	3659451.46	4959088.19	744.77	VRS	
L-AAS-15 HG	3659398.62	4958120.53	723.03	VRS	
L-AAS-15 UA	3659427.69	4958905.38	748.42	VRS	
L-AAS-16	3679450.98	4970994.28	669.80	VRS	CL RD @ EDGE OF RD NAIL SET
L-AAS-16 BE	3679551.96	4970963.21	666.94	VRS	
L-AAS-16 BR	3679414.60	4970944.60	668.13	VRS	
L-AAS-16 FA	3679541.54	4970845.58	666.26	VRS	
L-AAS-16 HG	3679477.26	4971043.86	671.19	VRS	
L-AAS-16 UA	3679561.52	4970902.14	667.60	VRS	
L-BWG-01	3467078.11	4645130.28	683.66	VRS	NW CNR DR @ RD EDGE NAIL SET
L-BWG-01 BE	3467113.71	4645038.19	684.89	VRS	
L-BWG-01 BR	3464004.92	4647500.82	709.51	VRS	
L-BWG-01 FA	3467082.73	4645094.92	683.75	VRS	
L-BWG-01 HG	3464108.46	4647497.47	709.17	VRS	
L-BWG-01 UA	3467069.46	4645064.81	685.52	VRS	
L-BWG-02	3494389.34	4619840.99	705.18	VRS	CL DR @ W EDGE RD NAIL SET
L-BWG-02 BE	3494441.18	4619850.52	703.83	VRS	
L-BWG-02 BR	3494411.93	4619891.88	702.78	VRS	
L-BWG-02 FA	3494359.66	4619815.46	706.39	VRS	
L-BWG-02 HG	3494462.40	4619914.02	702.17	VRS	
L-BWG-02 UA	3494405.40	4619802.62	704.75	VRS	
L-BWG-03	3480441.90	4669097.72	627.31	VRS	CL WEST END WALK
L-BWG-03 BE	3480484.14	4669098.78	626.13	VRS	
L-BWG-03 BR	3480059.26	4668816.55	619.41	VRS	
L-BWG-03 FA	3480537.13	4669134.14	625.84	VRS	
L-BWG-03 HG	3480574.02	4669249.54	627.24	VRS	
L-BWG-03 UA	3480389.60	4668996.82	624.54	VRS	

<u>Point ID</u>	<u>Northing (Y)</u>	<u>Easting (X)</u>	<u>Elevation (Z)</u>	<u>Method</u>	<u>COMMENT</u>
L-BWG-04	3511981.30	4670298.57	526.47	VRS	CL DR @ NE RD EDGE NAIL SET
L-BWG-04 BE	3512047.00	4670295.66	533.10	VRS	
L-BWG-04 BR	3512066.96	4670169.50	529.66	VRS	
L-BWG-04 FA	3512098.21	4670229.84	534.30	VRS	
L-BWG-04 HG	3511855.14	4670365.79	519.22	VRS	
L-BWG-04 UA	3512018.84	4670326.84	530.49	VRS	
L-BWG-05	3463415.19	4712309.80	627.30	VRS	CL W END STOP BAR NAIL SET
L-BWG-05 BE	3463407.39	4712363.67	625.98	VRS	
L-BWG-05 BR	3463459.63	4712504.59	629.23	VRS	
L-BWG-05 FA	3463552.55	4712490.34	627.84	VRS	
L-BWG-05 HG	3463496.59	4712460.35	628.97	VRS	
L-BWG-05 UA	3463478.38	4712422.98	628.74	VRS	
L-BWG-06	3447566.44	4725082.42	681.67	VRS	SE CNR DR @ N RD EDGE NAIL SET
L-BWG-06 BE	3447537.27	4724941.44	683.49	VRS	
L-BWG-06 BR	3448478.14	4726082.59	694.18	VRS	
L-BWG-06 FA	3447591.57	4724943.34	687.31	VRS	
L-BWG-06 HG	3447916.13	4722833.29	688.55	VRS	
L-BWG-06 UA	3447552.75	4725133.85	680.79	VRS	
L-BWG-07	3464536.82	4755456.36	657.09	VRS	CL DR @ S RD EDGE NAIL SET
L-BWG-07 BE	3464497.16	4755549.91	665.18	VRS	
L-BWG-07 BR	3464403.17	4755487.76	666.47	VRS	
L-BWG-07 FA	3464193.28	4755540.62	666.02	VRS	
L-BWG-07 HG	3464459.29	4755474.04	667.19	VRS	
L-BWG-07 UA	3464480.97	4755535.56	666.01	VRS	
L-BWG-08	3478652.56	4744393.98	643.67	VRS	CNR PVMT CHANGE NAL SET
L-BWG-08 BE	3478615.94	4744460.39	640.67	VRS	
L-BWG-08 BR	3478609.30	4744392.59	639.60	VRS	
L-BWG-08 FA	3478560.87	4744469.79	644.94	VRS	
L-BWG-08 HG	3478801.76	4744355.92	640.38	VRS	
L-BWG-08 UA	3478596.84	4744428.58	644.57	VRS	

<u>Point ID</u>	<u>Northing(Y)</u>	<u>Easting(X)</u>	<u>Elevation(Z)</u>	<u>Method</u>	<u>COMMENT</u>
L-BWG-09	3504203.95	4707624.78	586.19	VRS	CL N END STOP BAR NAIL SET
L-BWG-09 BE	3504174.73	4707570.45	589.23	VRS	
L-BWG-09 BR	3504162.45	4707456.48	589.11	VRS	
L-BWG-09 FA	3504180.21	4707400.64	589.60	VRS	
L-BWG-09 HG	3504006.01	4707853.81	600.10	VRS	
L-BWG-09 UA	3504186.19	4707539.09	588.50	VRS	
L-BWG-10	3483109.62	4702524.26	580.84	VRS	CL SW END DR @ RD EDGE NAIL SET
L-BWG-10 BE	3483157.41	4702493.83	578.66	VRS	
L-BWG-10 BR	3483156.95	4702525.72	579.31	VRS	
L-BWG-10 FA	3483106.71	4702554.25	581.65	VRS	
L-BWG-10 HG	3483059.73	4702584.60	583.96	VRS	
L-BWG-10 UA	3483127.47	4702542.53	580.49	VRS	
L-BWG-11	3518021.15	4719134.18	546.82	VRS	SE CNR CONC SLAB
L-BWG-11 BE	3518088.06	4719154.17	547.05	VRS	
L-BWG-11 BR	3518219.59	4719326.99	550.31	VRS	
L-BWG-11 FA	3518105.15	4719231.45	547.24	VRS	
L-BWG-11 HG	3518056.98	4719113.97	547.43	VRS	
L-BWG-11 UA	3517984.46	4719160.44	545.76	VRS	
L-BWG-12	3525874.41	4719063.23	471.26	VRS	NE CNR SW @ W EDGE DRIVE
L-BWG-12 BE	3525893.95	4718974.56	469.10	VRS	
L-BWG-12 BR	3525748.15	4719038.92	468.83	VRS	
L-BWG-12 FA	3525926.68	4719005.57	469.37	VRS	
L-BWG-12 HG	3525755.79	4719006.35	469.25	VRS	
L-BWG-12 UA	3525806.69	4719045.82	471.41	VRS	
L-BWG-13	3559537.21	4618873.04	444.90	VRS	CL DR @ E RD EDGE NAIL SET
L-BWG-13 BE	3559515.30	4618899.52	443.27	VRS	
L-BWG-13 BR	3559691.48	4618827.33	453.02	VRS	
L-BWG-13 FA	3559636.64	4618761.59	458.74	VRS	
L-BWG-13 HG	3559650.25	4618827.70	452.64	VRS	
L-BWG-13 UA	3559742.24	4618849.52	455.61	VRS	

<u>Point ID</u>	<u>Northing (Y)</u>	<u>Easting (X)</u>	<u>Elevation (Z)</u>	<u>Method</u>	<u>COMMENT</u>
L-BWG-14	3514887.67	4640248.33	557.34	VRS	CL DR @ N RD EDGE
L-BWG-14 BE	3515297.06	4639918.98	538.28	VRS	
L-BWG-14 BR	3515290.89	4639822.33	536.94	VRS	
L-BWG-14 FA	3515331.77	4639845.47	534.58	VRS	
L-BWG-14 HG	3515245.19	4639865.03	540.34	VRS	
L-BWG-14 UA	3515296.96	4639846.77	536.65	VRS	
L-BWG-15	3535785.26	4652104.62	629.02	VRS	CL DR @ E RD EDGE NAIL SET
L-BWG-15 BE	3535747.30	4652135.37	629.22	VRS	
L-BWG-15 BR	3535839.87	4652074.67	629.55	VRS	
L-BWG-15 FA	3535764.26	4652023.68	631.86	VRS	
L-BWG-15 HG	3535647.51	4652023.32	632.59	VRS	
L-BWG-15 UA	3535777.27	4652174.14	628.39	VRS	
L-BWG-16	3531754.41	4615026.96	633.72	VRS	NW RD EDGE @ COLOR CH NAIL SET
L-BWG-16 BE	3531717.97	4615020.60	631.86	VRS	
L-BWG-16 BR	3531796.43	4615067.04	634.55	VRS	
L-BWG-16 FA	3531783.41	4614994.02	637.12	VRS	
L-BWG-16 HG	3531770.20	4615127.26	629.49	VRS	
L-BWG-16 UA	3531743.21	4614961.86	634.68	VRS	
L-BWG-17	3531605.34	4685963.14	466.30	VRS	NE CNR DR @ PVMT CHANGE NAIL SET
L-BWG-17 BE	3531534.41	4685992.61	467.13	VRS	
L-BWG-17 BR	3531660.07	4685905.58	459.51	VRS	
L-BWG-17 FA	3531570.65	4685943.54	464.29	VRS	
L-BWG-17 HG	3531631.40	4686010.73	469.87	VRS	
L-BWG-17 UA	3531594.91	4685924.16	463.56	VRS	
L-BWG-18	3538292.15	4678987.22	451.92	VRS	SE CNR DR @ PVMT CHANGE NAIL SET
L-BWG-18 BE	3538412.90	4678998.38	453.11	VRS	
L-BWG-18 BR	3538333.51	4678956.69	448.77	VRS	
L-BWG-18 FA	3538350.71	4679011.27	451.14	VRS	
L-BWG-18 HG	3538081.15	4679115.08	457.44	VRS	
L-BWG-18 UA	3538300.31	4678964.66	449.39	VRS	

<u>Point ID</u>	<u>Northing(Y)</u>	<u>Easting(X)</u>	<u>Elevation(Z)</u>	<u>Method</u>	<u>COMMENT</u>
L-BWG-19	3583512.31	4650546.05	435.03	VRS	CL W EDGE DR @ E RD EDGE NAIL SET
L-BWG-19 BE	3583566.13	4650537.91	433.59	VRS	
L-BWG-19 BR	3583842.14	4650695.91	438.24	VRS	
L-BWG-19 FA	3583778.74	4650724.12	444.92	VRS	
L-BWG-19 HG	3583592.92	4650786.48	453.21	VRS	
L-BWG-19 UA	3583682.20	4650521.82	432.47	VRS	
L-BWG-20	3540003.56	4745988.97	524.49	VRS	CL GRVL RD @ E RD EDGE NAIL SET
L-BWG-20 BE	3539985.39	4746098.33	522.80	VRS	
L-BWG-20 BR	3540050.00	4746157.86	526.18	VRS	
L-BWG-20 FA	3540035.30	4746122.79	525.48	VRS	
L-BWG-20 HG	3540118.76	4746016.74	529.02	VRS	
L-BWG-20 UA	3540016.76	4745959.24	524.97	VRS	
L-BWG-21	3513567.91	4758067.66	555.05	VRS	CL WALK @ E EDGE PARK LOT
L-BWG-21 BE	3513643.73	4758084.79	552.16	VRS	
L-BWG-21 BR	3513423.94	4757939.36	551.60	VRS	
L-BWG-21 FA	3513476.72	4757955.99	552.47	VRS	
L-BWG-21 HG	3513926.81	4758006.55	552.08	VRS	
L-BWG-21 UA	3513462.90	4757996.56	553.47	VRS	
L-BWG-22	3491959.07	4772442.51	569.70	VRS	CL DR @ N RD EDGE NAIL SET
L-BWG-22 BE	3491967.81	4772327.16	573.32	VRS	
L-BWG-22 BR	3492044.01	4772374.36	566.25	VRS	
L-BWG-22 FA	3492109.86	4772465.30	558.68	VRS	
L-BWG-22 HG	3492038.27	4772239.05	574.82	VRS	
L-BWG-22 UA	3492022.33	4772478.00	565.29	VRS	
L-BWG-23	3514609.88	4791758.57	631.17	VRS	NE CNR DR @ COLOR CHANGE NAIL SET
L-BWG-23 BE	3514595.51	4791857.07	632.48	VRS	
L-BWG-23 BR	3514524.19	4791834.39	628.48	VRS	
L-BWG-23 FA	3514492.02	4791936.78	626.60	VRS	
L-BWG-23 HG	3514475.69	4791729.19	631.10	VRS	
L-BWG-23 UA	3514569.98	4791801.35	632.83	VRS	

<u>Point ID</u>	<u>Northing(Y)</u>	<u>Easting(X)</u>	<u>Elevation(Z)</u>	<u>Method</u>	<u>COMMENT</u>
L-BWG-24	3535371.91	4778169.69	601.91	VRS	CL E EDGE STOP BAR NAIL SET
L-BWG-24 BE	3535279.59	4778297.33	601.11	VRS	
L-BWG-24 BR	3535308.07	4778249.97	601.99	VRS	
L-BWG-24 FA	3535237.25	4778166.54	602.63	VRS	
L-BWG-24 HG	3535276.61	4778217.84	602.11	VRS	
L-BWG-24 UA	3535359.16	4778230.24	601.85	VRS	
L-BWG-25	3549602.41	4719808.07	509.45	VRS	CL W EDGE DR @ E RD EDGE NAIL SET
L-BWG-25 BE	3549643.96	4719860.88	507.30	VRS	
L-BWG-25 BR	3549793.07	4719890.54	516.15	VRS	
L-BWG-25 FA	3549737.24	4719891.64	514.52	VRS	
L-BWG-25 HG	3549850.72	4719894.00	517.09	VRS	
L-BWG-25 UA	3549595.95	4719915.22	516.36	VRS	
L-BWG-26	3580018.61	4729613.69	429.75	VRS	S CORNER MEDIAN NAIL SET
L-BWG-26 BE	3579946.07	4729578.27	433.16	VRS	
L-BWG-26 BR	3579998.94	4729670.54	427.76	VRS	
L-BWG-26 FA	3579932.85	4729642.49	429.23	VRS	
L-BWG-26 HG	3580068.99	4729717.03	428.05	VRS	
L-BWG-26 UA	3579922.37	4729558.49	436.89	VRS	
L-BWG-27	3563959.35	4755621.76	662.68	VRS	CL GRVL DR @ E RD EDGE NAIL SET
L-BWG-27 BE	3564017.21	4755538.73	660.37	VRS	
L-BWG-27 BR	3564057.23	4755584.58	661.72	VRS	
L-BWG-27 FA	3563956.32	4755669.09	664.15	VRS	
L-BWG-27 HG	3564015.27	4755607.61	665.93	VRS	
L-BWG-27 UA	3564068.52	4755546.40	657.13	VRS	
L-BWG-28	3573694.12	4696920.32	580.61	VRS	CL RD @ S RD EDGE NAIL SET
L-BWG-28 BE	3573659.50	4697029.02	582.96	VRS	
L-BWG-28 BR	3573749.21	4696793.64	578.89	VRS	
L-BWG-28 FA	3573650.44	4696924.62	577.72	VRS	
L-BWG-28 HG	3573732.52	4696976.28	583.74	VRS	
L-BWG-28 UA	3573724.68	4697046.39	588.24	VRS	

<u>Point ID</u>	<u>Northing (Y)</u>	<u>Easting (X)</u>	<u>Elevation (Z)</u>	<u>Method</u>	<u>COMMENT</u>
L-BWG-29	3609019.99	4673463.08	685.95	VRS	CL W EDGE DR @ E RD EDGE NAIL SET
L-BWG-29 BE	3609039.29	4673493.58	683.99	VRS	
L-BWG-29 BR	3609098.47	4673508.08	682.77	VRS	
L-BWG-29 FA	3609260.98	4673518.65	677.82	VRS	
L-BWG-29 HG	3609156.30	4673503.76	682.46	VRS	
L-BWG-29 UA	3609260.32	4673478.36	682.84	VRS	
L-BWG-30	3614982.65	4692752.53	639.39	VRS	CL GRVL RD @ NEW RD EDGE NAIL SET
L-BWG-30 BE	3615035.54	4692667.67	634.95	VRS	
L-BWG-30 BR	3614983.04	4692719.09	634.68	VRS	
L-BWG-30 FA	3614980.88	4692633.75	635.92	VRS	
L-BWG-30 HG	3615001.60	4692459.95	639.63	VRS	
L-BWG-30 UA	3615014.21	4692748.21	636.72	VRS	
L-BWG-31	3626922.61	4698216.63	671.21	VRS	SE RD EDGE @ COLOR CH NAIL SET
L-BWG-31 BE	3626925.76	4698104.51	672.73	VRS	
L-BWG-31 BR	3626910.99	4698312.97	670.65	VRS	
L-BWG-31 FA	3626854.14	4698313.49	669.30	VRS	
L-BWG-31 HG	3626881.06	4697951.31	677.23	VRS	
L-BWG-31 UA	3626885.02	4698075.99	670.70	VRS	
L-BWG-32	3611941.31	4723165.93	480.64	VRS	NW RD EDGE @ COLOR CH NAIL SET
L-BWG-32 BE	3611911.63	4723214.41	484.86	VRS	
L-BWG-32 BR	3611909.01	4723183.65	481.63	VRS	
L-BWG-32 FA	3611961.50	4723248.55	490.43	VRS	
L-BWG-32 HG	3611836.45	4723193.71	477.64	VRS	
L-BWG-32 UA	3611939.68	4723258.87	487.90	VRS	
L-BWG-33	3575900.90	4781344.10	629.68	VRS	CL DRIVE ENT @ RD EDGE NAIL SET
L-BWG-33 BE	3575850.51	4781348.45	629.60	VRS	
L-BWG-33 BR	3575541.67	4781372.84	640.79	VRS	
L-BWG-33 FA	3575947.01	4781392.02	634.98	VRS	
L-BWG-33 HG	3575896.30	4781379.98	633.96	VRS	
L-BWG-33 UA	3575783.04	4781336.60	631.71	VRS	

<u>Point ID</u>	<u>Northing(Y)</u>	<u>Easting(X)</u>	<u>Elevation(Z)</u>	<u>Method</u>	<u>COMMENT</u>
L-BWG-34	3546618.09	4828820.88	638.19	VRS	CL SW END DR @ N RD EDGE NAIL SET
L-BWG-34 BE	3546639.89	4828847.97	637.75	VRS	
L-BWG-34 BR	3546634.70	4828941.29	647.15	VRS	
L-BWG-34 FA	3546513.67	4828741.28	639.08	VRS	
L-BWG-34 HG	3546360.29	4828601.01	638.96	VRS	
L-BWG-34 UA	3546645.43	4828894.34	639.95	VRS	
L-EKX-01	3693756.05	5004321.69	1011.32	VRS	CL DRIVE @ EDGE RD NAIL SET
L-EKX-01 BE	3693758.86	5004470.63	1027.64	VRS	
L-EKX-01 BR	3694369.04	5007087.61	1013.11	VRS	
L-EKX-01 FA	3693819.39	5004398.99	1021.78	VRS	
L-EKX-01 HG	3694322.57	5007157.45	1015.09	VRS	
L-EKX-01 UA	3693682.31	5004437.27	1014.73	VRS	
L-EKX-02	3724708.61	4981702.17	549.59	VRS	CORNER OF MEDIAN NAIL SET
L-EKX-02 BE	3724764.91	4981714.74	551.02	VRS	
L-EKX-02 BR	3724780.55	4981642.77	550.96	VRS	
L-EKX-02 FA	3724598.19	4981776.64	544.94	VRS	
L-EKX-02 HG	3724558.82	4982069.90	564.42	VRS	
L-EKX-02 UA	3724607.90	4981876.60	554.71	VRS	
L-EKX-03	3693692.42	4960284.54	956.09	VRS	CL END OF PARK STRIPE NAIL SET
L-EKX-03 BE	3693580.11	4960179.07	957.21	VRS	
L-EKX-03 BR	3693815.88	4960277.43	955.50	VRS	
L-EKX-03 FA	3693589.95	4960340.85	948.48	VRS	
L-EKX-03 HG	3693640.24	4960071.38	956.37	VRS	
L-EKX-03 UA	3693646.16	4960236.59	955.38	VRS	
L-EKX-04	3689090.14	4944564.38	895.20	VRS	CL DRIVE @ RD EDGE NAIL SET
L-EKX-04 BE	3689208.83	4944611.77	894.12	VRS	
L-EKX-04 BR	3689286.26	4944758.52	899.52	VRS	
L-EKX-04 FA	3689139.40	4944727.72	896.01	VRS	
L-EKX-04 HG	3689203.95	4944514.74	892.04	VRS	
L-EKX-04 UA	3689177.67	4944640.33	894.80	VRS	

<u>Point ID</u>	<u>Northing (Y)</u>	<u>Easting (X)</u>	<u>Elevation (Z)</u>	<u>Method</u>	<u>COMMENT</u>
L-EKX-05	3684560.17	4922407.54	857.00	VRS	END OF MEDIAN NAIL SET
L-EKX-05 BE	3684478.15	4922354.20	857.59	VRS	
L-EKX-05 BR	3684735.18	4922333.50	842.87	VRS	
L-EKX-05 FA	3684653.35	4922057.93	849.19	VRS	
L-EKX-05 HG	3684980.50	4922386.11	844.68	VRS	
L-EKX-05 UA	3684390.44	4922286.85	860.05	VRS	
L-EKX-06	3671697.30	4907190.38	734.44	VRS	CL DRIVE @ RD EDGE NAIL SET
L-EKX-06 BE	3671736.71	4907215.32	733.97	VRS	
L-EKX-06 BR	3672009.78	4907071.96	741.98	VRS	
L-EKX-06 FA	3672109.29	4906892.08	742.11	VRS	
L-EKX-06 HG	3672108.38	4907117.19	748.11	VRS	
L-EKX-06 UA	3672015.93	4907158.81	741.77	VRS	
L-EKX-07	3679276.87	4879899.99	694.08	VRS	CL DRIVE @ RD EDGE NAIL SET
L-EKX-07 BE	3679181.14	4879943.86	690.99	VRS	
L-EKX-07 BR	3679223.79	4879850.14	691.18	VRS	
L-EKX-07 FA	3679376.07	4879987.89	695.46	VRS	
L-EKX-07 HG	3679639.41	4879936.36	697.94	VRS	
L-EKX-07 UA	3679099.58	4879996.20	692.23	VRS	
L-EKX-08	3713747.08	4883702.23	788.04	VRS	CORNER OF PAVEMENT
L-EKX-08 BE	3713901.88	4883693.01	786.40	VRS	
L-EKX-08 BR	3713697.37	4883592.37	792.58	VRS	
L-EKX-08 FA	3713508.32	4883478.50	786.88	VRS	
L-EKX-08 HG	3713766.53	4883764.56	785.92	VRS	
L-EKX-08 UA	3713844.97	4883759.79	785.65	VRS	
L-EKX-09	3728498.23	4921454.81	764.90	VRS	CORNER OF CONC SLAB
L-EKX-09 BE	3728541.33	4921490.68	765.25	VRS	
L-EKX-09 BR	3728601.05	4921274.36	758.20	VRS	
L-EKX-09 FA	3728507.41	4921390.59	762.19	VRS	
L-EKX-09 HG	3728254.87	4921714.32	772.42	VRS	
L-EKX-09 UA	3728511.73	4921544.46	768.70	VRS	

<u>Point ID</u>	<u>Northing (Y)</u>	<u>Easting (X)</u>	<u>Elevation (Z)</u>	<u>Method</u>	<u>COMMENT</u>
L-EKX-10	3694506.17	4904728.62	809.91	VRS	CL PARK STRIPE CNR NAIL SET
L-EKX-10 BE	3694471.73	4904698.32	809.28	VRS	
L-EKX-10 BR	3694343.80	4904629.22	812.58	VRS	
L-EKX-10 FA	3694371.11	4904709.83	809.26	VRS	
L-EKX-10 HG	3694570.27	4904635.37	810.04	VRS	
L-EKX-10 UA	3694630.85	4904706.31	809.50	VRS	
L-EKX-11	3709328.59	4935763.37	762.66	VRS	CORNER OF PARKING LOT NAIL SET
L-EKX-11 BE	3709387.50	4935720.85	760.42	VRS	
L-EKX-11 BR	3709568.99	4935901.93	763.63	VRS	
L-EKX-11 FA	3709511.69	4936008.52	769.10	VRS	
L-EKX-11 HG	3709069.46	4935494.03	753.52	VRS	
L-EKX-11 UA	3709315.19	4935666.46	758.59	VRS	
L-EKX-12	3737600.83	4946571.05	845.98	VRS	CORNER OF PARKING LOT NAIL SET
L-EKX-12 BE	3737546.83	4946552.87	849.68	VRS	
L-EKX-12 BR	3737667.92	4946607.39	844.06	VRS	
L-EKX-12 FA	3737714.51	4946342.33	838.98	VRS	
L-EKX-12 HG	3737618.91	4946672.14	847.47	VRS	
L-EKX-12 UA	3737632.15	4946451.54	845.37	VRS	
L-EKX-13	3754359.69	4930339.52	872.79	VRS	CL RD @ EDGE OF RD NAIL SET
L-EKX-13 BE	3754349.36	4930296.88	871.69	VRS	
L-EKX-13 BR	3755277.55	4931119.97	866.98	VRS	
L-EKX-13 FA	3755215.96	4931089.72	870.00	VRS	
L-EKX-13 HG	3754983.83	4929614.91	881.70	VRS	
L-EKX-13 UA	3754381.46	4930307.32	872.69	VRS	
L-EKX-14	3779870.74	4946975.64	456.11	VRS	GRD 5' S OF POLE NAIL SET
L-EKX-14 BE	3779789.43	4946928.63	458.06	VRS	
L-EKX-14 BR	3779909.50	4946934.47	463.03	VRS	
L-EKX-14 FA	3779860.52	4946933.18	461.60	VRS	
L-EKX-14 HG	3779718.92	4946911.27	456.67	VRS	
L-EKX-14 UA	3779736.63	4946944.75	460.67	VRS	

<u>Point ID</u>	<u>Northing(Y)</u>	<u>Easting(X)</u>	<u>Elevation(Z)</u>	<u>Method</u>	<u>COMMENT</u>
L-I93-01	3950709.35	4747096.35	459.91	VRS	CL DRIVE @ RD EDGE NAIL SET
L-I93-01 BE	3951060.72	4745901.66	459.23	VRS	
L-I93-01 BR	3951146.76	4745942.49	459.90	VRS	
L-I93-01 FA	3951116.61	4745669.53	458.35	VRS	
L-I93-01 HG	3950655.12	4747120.93	457.14	VRS	
L-I93-01 UA	3950668.35	4747246.56	459.08	VRS	
L-I93-02	3930096.20	4761675.28	766.35	VRS	E SIDE CONC PAD S EDGE RD NAIL SET
L-I93-02 BE	3930255.01	4761558.37	765.49	VRS	
L-I93-02 BR	3929845.89	4761912.53	780.26	VRS	
L-I93-02 FA	3930051.93	4761854.25	773.69	VRS	
L-I93-02 HG	3929935.45	4761804.47	770.83	VRS	
L-I93-02 UA	3930113.56	4761640.45	765.01	VRS	
L-I93-03	3927558.11	4718425.57	431.85	OPUS-RS	N EDGE DRIVE W SIDE RD NAIL SET
L-I93-03-BE	3928704.69	4718554.68	434.14	CONV	
L-I93-03-BR	3927451.35	4718368.10	431.80	CONV	
L-I93-03-FA	3928703.56	4718480.10	435.88	CONV	
L-I93-03-HG	3927509.21	4718512.03	432.32	CONV	
L-I93-03-UA	3927803.53	4718447.25	430.58	OPUS-RS	
L-I93-04	3903464.02	4739716.39	700.01	VRS	W EDGE DRIVE S SIDE RD NAIL SET
L-I93-04 BE	3903462.26	4739681.38	695.95	VRS	
L-I93-04 BR	3903538.15	4739545.75	692.65	VRS	
L-I93-04 FA	3903420.73	4739562.16	682.47	VRS	
L-I93-04 HG	3903518.54	4739243.08	664.71	VRS	
L-I93-04 UA	3903436.69	4739717.93	698.65	VRS	
L-I93-05	3901071.95	4771514.76	533.29	VRS	NE SIDE RD @ COLOR CHANGE NAIL SET
L-I93-05 BE	3901132.15	4771414.72	532.71	VRS	
L-I93-05 BR	3901320.07	4771314.58	532.38	VRS	
L-I93-05 FA	3900993.06	4771378.84	536.32	VRS	
L-I93-05 HG	3901113.29	4771523.54	532.07	VRS	
L-I93-05 UA	3901083.96	4771426.64	533.74	VRS	

<u>Point ID</u>	<u>Northing(Y)</u>	<u>Easting(X)</u>	<u>Elevation(Z)</u>	<u>Method</u>	<u>COMMENT</u>
L-I93-06	3890954.74	4791751.46	584.04	VRS	S END STRIPE NW END P LOR NAIL SET
L-I93-06 BE	3890898.21	4791743.18	588.12	VRS	
L-I93-06 BR	3891034.43	4791942.01	586.77	VRS	
L-I93-06 FA	3891074.46	4791898.32	583.74	VRS	
L-I93-06 HG	3890981.74	4791608.00	578.02	VRS	
L-I93-06 UA	3890877.34	4791773.97	593.04	VRS	
L-I93-07	3885842.17	4818616.79	598.64	VRS	CL SE MOST TIP YELLOW STRIPE NAIL SET
L-I93-07 BE	3885959.82	4818546.03	586.15	VRS	
L-I93-07 BR	3885974.98	4818576.79	584.85	VRS	
L-I93-07 FA	3885911.83	4818731.41	591.65	VRS	
L-I93-07 HG	3885885.44	4818674.35	593.79	VRS	
L-I93-07 UA	3885904.03	4818525.42	592.94	VRS	
L-I93-08	3862037.32	4797060.32	658.89	VRS	NE CORNER SIDE WALK
L-I93-08 BE	3861831.51	4796838.09	656.92	VRS	
L-I93-08 BR	3861602.90	4797096.99	660.32	VRS	
L-I93-08 FA	3861640.86	4797106.50	659.81	VRS	
L-I93-08 HG	3861913.95	4797087.94	658.07	VRS	
L-I93-08 UA	3861958.19	4797031.36	658.37	VRS	
L-I93-09	3870376.02	4780237.39	640.29	VRS	NE CNR CONC GRATE PAD NAIL SET
L-I93-09 BE	3870311.84	4780293.61	639.97	VRS	
L-I93-09 BR	3870367.27	4780122.68	644.19	VRS	
L-I93-09 FA	3870374.11	4780074.90	646.62	VRS	
L-I93-09 HG	3870393.69	4780498.32	627.17	VRS	
L-I93-09 UA	3870327.20	4780219.01	641.54	VRS	
L-I93-10	3883592.99	4758627.86	811.01	VRS	NE CNR SRTIPES NAIL SET
L-I93-10 BE	3883636.76	4758785.51	807.50	VRS	
L-I93-10 BR	3883279.71	4758471.09	804.97	VRS	
L-I93-10 FA	3883359.60	4758570.92	810.71	VRS	
L-I93-10 HG	3883255.04	4758614.20	802.97	VRS	
L-I93-10 UA	3883625.26	4758650.92	810.53	VRS	

<u>Point ID</u>	<u>Northing(Y)</u>	<u>Easting(X)</u>	<u>Elevation(Z)</u>	<u>Method</u>	<u>COMMENT</u>
L-I93-11	3874052.57	4734791.35	748.66	VRS	END OF PAINT LINE NAIL SET
L-I93-11 BE	3874798.78	4734364.22	745.40	VRS	
L-I93-11 BR	3874479.11	4734509.48	743.54	VRS	
L-I93-11 FA	3874256.35	4734794.06	745.77	VRS	
L-I93-11 HG	3874046.13	4734732.85	748.27	VRS	
L-I93-11 UA	3874025.62	4734806.04	749.43	VRS	
L-I93-12	3896019.99	4712434.27	703.41	VRS	CL RD @ RD EDGE NAIL SET
L-I93-12 BE	3895992.75	4712400.73	704.49	VRS	
L-I93-12 BR	3896075.41	4712674.32	692.00	VRS	
L-I93-12 FA	3896090.29	4712618.60	692.67	VRS	
L-I93-12 HG	3896058.83	4712608.82	695.69	VRS	
L-I93-12 UA	3895976.54	4712423.53	704.39	VRS	
L-I93-13	3871065.58	4705444.46	406.80	VRS	CL RD @ RD EDGE NAIL SET
L-I93-13 BE	3871041.66	4705455.29	406.51	VRS	
L-I93-13 BR	3871307.07	4705113.42	408.08	VRS	
L-I93-13 FA	3870991.88	4705421.68	407.57	VRS	
L-I93-13 HG	3871014.74	4705355.82	410.22	VRS	
L-I93-13 UA	3871060.19	4705473.87	406.49	VRS	
L-I93-14	3856258.59	4681461.90	422.26	VRS	CL RD @ RD EDGE NAIL SET
L-I93-14 BE	3856205.26	4681466.00	421.92	VRS	
L-I93-14 BR	3856284.00	4681409.85	417.45	VRS	
L-I93-14 FA	3856160.93	4681391.03	423.05	VRS	
L-I93-14 HG	3856221.89	4681368.38	419.49	VRS	
L-I93-14 UA	3856230.79	4681493.07	422.03	VRS	
L-I93-15	3841005.24	4713941.22	695.05	VRS	CL DRIVE @ RD EDGE NAIL SET
L-I93-15 BE	3841040.32	4713865.80	693.81	VRS	
L-I93-15 BR	3841142.57	4713871.20	693.71	VRS	
L-I93-15 FA	3841030.19	4713834.95	695.32	VRS	
L-I93-15 HG	3841108.27	4713917.32	693.32	VRS	
L-I93-15 UA	3841013.10	4713887.79	693.81	VRS	

<u>Point ID</u>	<u>Northing(Y)</u>	<u>Easting(X)</u>	<u>Elevation(Z)</u>	<u>Method</u>	<u>COMMENT</u>
L-I93-16	3854045.79	4732591.64	500.65	VRS	CL RD @ RD EDGE NAIL SET
L-I93-16 BE	3854147.51	4732516.22	510.14	VRS	
L-I93-16 BR	3854084.82	4732555.90	506.55	VRS	
L-I93-16 FA	3854072.30	4732553.17	507.51	VRS	
L-I93-16 HG	3854095.49	4732667.60	501.76	VRS	
L-I93-16 UA	3854078.87	4732584.20	501.88	VRS	
L-I93-17	3841333.71	4764251.51	608.67	VRS	CORNER OF STRIPES NAIL SET
L-I93-17 BE	3841223.04	4764199.85	608.51	VRS	
L-I93-17 BR	3841319.33	4763973.57	608.37	VRS	
L-I93-17 FA	3841337.71	4763923.53	607.22	VRS	
L-I93-17 HG	3841242.70	4763776.28	604.90	VRS	
L-I93-17 UA	3841273.64	4764217.06	609.29	VRS	
L-I93-18	3845097.57	4821509.57	727.82	VRS	CL DRIVE @ N SHOULDER NAIL SET
L-I93-18 BE	3844718.62	4821496.54	706.09	VRS	
L-I93-18 BR	3844882.21	4821464.64	719.12	VRS	
L-I93-18 FA	3844783.61	4821452.51	713.32	VRS	
L-I93-18 HG	3845171.87	4821535.89	733.22	VRS	
L-I93-18 UA	3845151.09	4821504.56	729.91	VRS	
L-I93-19	3824536.36	4826396.76	767.77	VRS	SW CNR CONC DRIVE N SIDE RD
L-I93-19 BE	3824541.53	4826322.44	766.40	VRS	
L-I93-19 BR	3823986.47	4826680.49	766.34	VRS	
L-I93-19 FA	3823979.45	4826690.74	765.06	VRS	
L-I93-19 HG	3823983.53	4826635.03	773.71	VRS	
L-I93-19 UA	3824514.13	4826361.86	769.18	VRS	
L-I93-20	3813694.83	4796525.08	665.38	VRS	CL RD @ RD EDGE NAIL SET
L-I93-20 BE	3813837.29	4796595.63	662.56	VRS	
L-I93-20 BR	3813717.06	4796578.78	665.28	VRS	
L-I93-20 FA	3813738.65	4796610.40	665.55	VRS	
L-I93-20 HG	3813816.09	4796617.81	664.80	VRS	
L-I93-20 UA	3813714.30	4796559.47	666.11	VRS	

<u>Point ID</u>	<u>Northing(Y)</u>	<u>Easting(X)</u>	<u>Elevation(Z)</u>	<u>Method</u>	<u>COMMENT</u>
L-I93-21	3827194.63	4779635.95	631.99	VRS	CL RD @ RD EDGE NAIL SET
L-I93-21 BE	3827263.00	4779663.04	634.14	VRS	
L-I93-21 BR	3827033.90	4779593.24	624.41	VRS	
L-I93-21 FA	3827001.59	4779542.87	620.72	VRS	
L-I93-21 HG	3827220.16	4779586.17	629.56	VRS	
L-I93-21 UA	3827249.10	4779695.23	634.60	VRS	
L-I93-22	3811930.63	4751480.74	829.14	VRS	SW CNR DR @ CLR CHANGE NAIL SET
L-I93-22 BE	3811937.98	4751444.00	827.61	VRS	
L-I93-22 BR	3811887.74	4751648.03	828.51	VRS	
L-I93-22 FA	3812001.36	4751514.39	823.05	VRS	
L-I93-22 HG	3811998.41	4751618.26	825.15	VRS	
L-I93-22 UA	3811967.78	4751477.67	826.06	VRS	
L-I93-23	3829192.60	4732934.02	513.09	VRS	CL RD @ RD EDGE NAIL SET
L-I93-23 BE	3829243.95	4732949.95	509.72	VRS	
L-I93-23 BR	3829203.40	4733033.01	517.38	VRS	
L-I93-23 FA	3829296.44	4733026.08	515.22	VRS	
L-I93-23 HG	3829216.19	4733080.24	524.18	VRS	
L-I93-23 UA	3829206.71	4732907.73	510.16	VRS	
L-I93-24	3820543.66	4700069.26	600.86	VRS	CL RD @ SHOULDER NAIL SET
L-I93-24 BE	3820494.57	4700063.57	600.19	VRS	
L-I93-24 BR	3820306.29	4699933.71	596.07	VRS	
L-I93-24 FA	3820529.32	4699947.83	598.00	VRS	
L-I93-24 HG	3820401.97	4700056.91	603.88	VRS	
L-I93-24 UA	3820499.83	4700023.87	600.23	VRS	
L-I93-25	3811022.43	4658630.02	421.17	VRS	CL DRIVE @ RD EDGE NAIL SET
L-I93-25 BE	3811069.78	4658592.16	422.03	VRS	
L-I93-25 BR	3811247.86	4658598.83	428.76	VRS	
L-I93-25 FA	3810971.24	4658616.54	419.01	VRS	
L-I93-25 HG	3810960.63	4658750.53	416.73	VRS	
L-I93-25 UA	3810998.16	4658653.95	420.31	VRS	

<u>Point ID</u>	<u>Northing(Y)</u>	<u>Easting(X)</u>	<u>Elevation(Z)</u>	<u>Method</u>	<u>COMMENT</u>
L-I93-26	3781267.69	4660518.26	634.20	OPUS-RS	CL SE END DBL YELLOW STRIPE NAIL SET
L-I93-26 BE	3781152.70	4660604.30	631.27	RTK	
L-I93-26 BR	3781384.12	4660463.39	651.40	RTK	
L-I93-26 FA	3781342.71	4660550.55	633.16	RTK	
L-I93-26 HG	3781286.45	4660604.22	631.24	RTK	
L-I93-26 UA	3781166.22	4660624.15	632.68	RTK	
L-I93-27	3805755.72	4689401.13	603.99	VRS	END OF STRIPE NAIL SET
L-I93-27 BE	3805694.52	4689365.35	599.18	VRS	
L-I93-27 BR	3805866.47	4689295.88	605.53	VRS	
L-I93-27 FA	3805873.50	4689439.08	609.17	VRS	
L-I93-27 HG	3805873.31	4689350.64	607.56	VRS	
L-I93-27 UA	3805778.34	4689445.15	606.51	VRS	
L-I93-28	3801680.51	4715893.27	657.05	VRS	TIP OF STRIPES NAIL SET
L-I93-28 BE	3801553.50	4715893.24	659.42	VRS	
L-I93-28 BR	3801407.33	4715997.39	668.51	VRS	
L-I93-28 FA	3801187.56	4716158.03	671.45	VRS	
L-I93-28 HG	3801217.30	4715940.90	667.64	VRS	
L-I93-28 UA	3801639.00	4715915.39	657.85	VRS	
L-I93-29	3792600.04	4751624.94	714.69	VRS	CL DRIVE @ S EDGE RD NAIL SET
L-I93-29 BE	3792503.26	4751643.28	717.31	VRS	
L-I93-29 BR	3792639.28	4751616.37	710.38	VRS	
L-I93-29 FA	3792009.41	4751508.12	725.85	VRS	
L-I93-29 HG	3792543.48	4751685.39	714.04	VRS	
L-I93-29 UA	3792525.12	4751599.96	715.23	VRS	
L-I93-30	3778758.70	4784334.88	783.06	VRS	NE CNR DR @ CLR CHANGE NAIL SET
L-I93-30 BE	3778692.29	4784353.35	783.85	VRS	
L-I93-30 BR	3777460.10	4784330.54	774.08	VRS	
L-I93-30 FA	3777352.09	4784345.62	776.41	VRS	
L-I93-30 HG	3777297.64	4784302.84	776.06	VRS	
L-I93-30 UA	3778731.13	4784366.63	783.82	VRS	

<u>Point ID</u>	<u>Northing(Y)</u>	<u>Easting(X)</u>	<u>Elevation(Z)</u>	<u>Method</u>	<u>COMMENT</u>
L-I93-31	3777365.80	4731004.53	749.27	VRS	W END PARK STRIPE V NAIL SET
L-I93-31 BE	3777329.73	4731062.27	748.70	VRS	
L-I93-31 BR	3777321.06	4731450.98	742.08	VRS	
L-I93-31 FA	3777368.01	4731997.20	741.50	VRS	
L-I93-31 HG	3777303.50	4731194.17	745.85	VRS	
L-I93-31 UA	3777350.58	4730961.68	748.83	VRS	
L-I93-32	3782106.87	4695310.58	680.88	VRS	CL RD @ RD EDGE NAIL SET
L-I93-32 BE	3782043.12	4695274.44	681.85	VRS	
L-I93-32 BR	3783104.24	4695260.00	694.52	VRS	
L-I93-32 FA	3782424.20	4695266.14	689.87	VRS	
L-I93-32 HG	3782145.28	4695268.32	683.92	VRS	
L-I93-32 UA	3782134.08	4695306.72	681.70	VRS	
L-I96-01	3464012.96	4941802.64	934.04	VRS	CL S END PARK STRIPE NAIL SET
L-I96-01 BE	3464214.48	4941530.70	955.95	VRS	
L-I96-01 BR	3464109.30	4941600.79	951.93	VRS	
L-I96-01 FA	3464052.98	4941666.91	945.26	VRS	
L-I96-01 HG	3464180.04	4941524.35	955.70	VRS	
L-I96-01 UA	3464096.53	4941769.15	938.72	VRS	
L-I96-02	3464709.29	4975605.82	656.28	VRS	CL W END STOP BAR NAIL SET
L-I96-02 BE	3464636.39	4975520.25	645.38	VRS	
L-I96-02 BR	3464900.10	4974810.10	652.13	VRS	
L-I96-02 FA	3464927.24	4974939.51	654.26	VRS	
L-I96-02 HG	3464891.23	4974857.16	653.78	VRS	
L-I96-02 UA	3464741.21	4975552.00	657.08	VRS	
L-I96-03	3470589.82	4994268.79	611.13	VRS	CL NE END DR @ W EDGE RD NAIL SET
L-I96-03 BE	3470547.44	4994250.78	609.07	VRS	
L-I96-03 BR	3468699.08	4995558.70	610.15	VRS	
L-I96-03 FA	3468750.77	4995548.93	607.14	VRS	
L-I96-03 HG	3468682.71	4995514.79	605.65	VRS	
L-I96-03 UA	3470484.88	4994294.67	610.94	VRS	

<u>Point ID</u>	<u>Northing(Y)</u>	<u>Easting(X)</u>	<u>Elevation(Z)</u>	<u>Method</u>	<u>COMMENT</u>
L-I96-04	3508281.78	5012927.31	979.63	VRS	CL S ENTRANCE @ N EDGE RD NAIL SET
L-I96-04 BE	3508249.15	5012946.17	979.01	VRS	
L-I96-04 BR	3509825.73	5013577.18	1031.98	VRS	
L-I96-04 FA	3508457.05	5012864.31	974.97	VRS	
L-I96-04 HG	3508439.03	5012890.08	975.55	VRS	
L-I96-04 UA	3508320.95	5012932.51	978.37	VRS	
L-I96-05	3500352.27	4980409.57	992.57	VRS	CL GRVL RD @ W PAVED RD EDGE NAIL SET
L-I96-05 BE	3500395.41	4980434.95	991.16	VRS	
L-I96-05 BR	3500348.53	4980365.23	995.19	VRS	
L-I96-05 FA	3500526.58	4980474.46	982.24	VRS	
L-I96-05 HG	3500450.05	4980541.07	980.75	VRS	
L-I96-05 UA	3500323.02	4980308.50	995.94	VRS	
L-I96-06	3516374.60	4960188.21	845.76	VRS	S ISECT OF PARK STRIPES NAIL SET
L-I96-06 BE	3516338.51	4960113.85	845.91	VRS	
L-I96-06 BR	3516629.37	4960068.27	837.89	VRS	
L-I96-06 FA	3516423.86	4960139.89	844.71	VRS	
L-I96-06 HG	3516718.97	4960174.26	833.60	VRS	
L-I96-06 UA	3516531.32	4960177.24	845.51	VRS	
L-I96-07	3494583.76	4951833.15	894.80	VRS	N EDGE RD @ SW CNR GRVL DR NAIL SET
L-I96-07 BE	3494708.89	4951799.38	884.96	VRS	
L-I96-07 BR	3494664.21	4951673.91	875.67	VRS	
L-I96-07 FA	3494608.57	4951806.35	894.99	VRS	
L-I96-07 HG	3494637.23	4951624.07	871.29	VRS	
L-I96-07 UA	3494693.88	4951672.78	871.97	VRS	
L-I96-08	3488813.97	4920232.31	832.56	VRS	CL S EDGE DR @ NE RD EDGE NAIL SET
L-I96-08 BE	3488853.22	4920226.47	834.86	VRS	
L-I96-08 BR	3488906.09	4920173.89	837.51	VRS	
L-I96-08 FA	3488986.66	4920101.88	841.79	VRS	
L-I96-08 HG	3488937.15	4920143.40	837.78	VRS	
L-I96-08 UA	3488819.08	4920158.91	833.90	VRS	

<u>Point ID</u>	<u>Northing(Y)</u>	<u>Easting(X)</u>	<u>Elevation(Z)</u>	<u>Method</u>	<u>COMMENT</u>
L-I96-09	3525704.69	4919603.01	875.78	VRS	CL S EDGE DR @ N EDGE RD NAIL SET
L-I96-09 BE	3525789.06	4919571.57	881.94	VRS	
L-I96-09 BR	3525740.08	4919286.90	878.41	VRS	
L-I96-09 FA	3525741.03	4919535.33	879.86	VRS	
L-I96-09 HG	3525845.60	4919303.26	885.75	VRS	
L-I96-09 UA	3525763.57	4919622.57	881.33	VRS	
L-I96-10	3561141.13	4920666.26	777.48	VRS	NW CNR DR @ COLOR CHANGE NAIL SET
L-I96-10 BE	3561122.53	4920658.95	777.10	VRS	
L-I96-10 BR	3561428.30	4921020.31	776.90	VRS	
L-I96-10 FA	3562249.02	4920888.19	764.47	VRS	
L-I96-10 HG	3562225.30	4920996.11	766.37	VRS	
L-I96-10 UA	3561143.19	4920709.22	778.75	VRS	
L-I96-11	3552849.74	4938802.85	816.93	VRS	SW CNR WALK @ ASPHALT LOT
L-I96-11 BE	3552791.15	4938753.73	816.96	VRS	
L-I96-11 BR	3552935.34	4938655.67	808.08	VRS	
L-I96-11 FA	3552898.76	4938792.79	816.51	VRS	
L-I96-11 HG	3553196.74	4938530.30	796.63	VRS	
L-I96-11 UA	3552875.48	4938768.38	814.70	VRS	
L-I96-12	3539283.06	4948478.26	829.34	VRS	SE CNR DR @ COLOR CHANGE NAIL SET
L-I96-12 BE	3539227.99	4948414.29	831.89	VRS	
L-I96-12 BR	3539325.77	4948566.06	827.94	VRS	
L-I96-12 FA	3539285.26	4948443.92	832.57	VRS	
L-I96-12 HG	3539254.65	4948505.67	823.17	VRS	
L-I96-12 UA	3539232.88	4948379.33	833.62	VRS	
L-I96-13	3560480.42	4955019.55	613.84	VRS	SE CNR ASPH PVMT @ COLOR CH NAIL SET
L-I96-13 BE	3560620.23	4955080.56	625.73	VRS	
L-I96-13 BR	3560624.24	4955005.60	629.67	VRS	
L-I96-13 FA	3560584.63	4955084.55	621.14	VRS	
L-I96-13 HG	3560683.56	4955033.55	636.50	VRS	
L-I96-13 UA	3560593.88	4955045.42	624.06	VRS	

<u>Point ID</u>	<u>Northing(Y)</u>	<u>Easting(X)</u>	<u>Elevation(Z)</u>	<u>Method</u>	<u>COMMENT</u>
L-I96-14	3560011.18	4984750.41	1042.09	VRS	CL NE EDGE DR @ S RD EDGE NAIL SET
L-I96-14 BE	3560023.51	4984718.47	1042.73	VRS	
L-I96-14 BR	3559511.93	4985947.18	972.43	VRS	
L-I96-14 FA	3560094.54	4984672.88	1042.30	VRS	
L-I96-14 HG	3559481.48	4985938.52	974.31	VRS	
L-I96-14 UA	3559990.23	4984784.03	1039.83	VRS	
L-I96-15	3527569.71	4995341.48	727.28	VRS	CL S EDGE DR @ N EDGE RD NAIL SET
L-I96-15 BE	3527591.98	4995393.98	728.63	VRS	
L-I96-15 BR	3527590.87	4995548.40	728.49	VRS	
L-I96-15 FA	3527637.61	4995752.26	739.61	VRS	
L-I96-15 HG	3527593.17	4995716.83	733.55	VRS	
L-I96-15 UA	3527563.33	4995637.71	731.80	VRS	
L-M20-01	3593553.88	4773047.70	559.72	VRS	SE CNR DR @ W EDGE WALK NAIL SET
L-M20-01 BE	3593556.70	4773090.48	559.78	VRS	
L-M20-01 BR	3593680.73	4773112.20	561.72	VRS	
L-M20-01 FA	3593693.85	4772997.22	562.47	VRS	
L-M20-01 HG	3593634.67	4773115.02	559.80	VRS	
L-M20-01 UA	3593581.37	4773031.55	560.98	VRS	
L-M20-02	3658466.54	4711353.57	567.99	VRS	SE CNR DR @ COLOR CHANGE
L-M20-02 BE	3658438.95	4711315.85	568.75	VRS	
L-M20-02 BR	3658338.07	4711367.79	574.23	VRS	
L-M20-02 FA	3658407.21	4711293.25	570.54	VRS	
L-M20-02 HG	3658319.71	4711382.53	573.40	VRS	
L-M20-02 UA	3658461.46	4711291.51	568.97	VRS	
L-M20-03	3632377.34	4740978.56	534.49	VRS	CL NW EDGE STOP BAR NAIL SET
L-M20-03 BE	3632443.23	4740986.73	535.31	VRS	
L-M20-03 BR	3632406.33	4740924.06	532.53	VRS	
L-M20-03 FA	3632298.06	4741069.54	536.90	VRS	
L-M20-03 HG	3632389.90	4740871.85	530.25	VRS	
L-M20-03 UA	3632223.02	4741084.25	535.07	VRS	

<u>Point ID</u>	<u>Northing(Y)</u>	<u>Easting(X)</u>	<u>Elevation(Z)</u>	<u>Method</u>	<u>COMMENT</u>
L-M20-04	3630256.06	4765412.80	696.63	VRS	CL N EDGE STOP BAR NAIL SET
L-M20-04 BE	3630204.78	4765638.82	696.46	VRS	
L-M20-04 BR	3630261.02	4765453.29	695.69	VRS	
L-M20-04 FA	3630206.49	4765511.46	695.82	VRS	
L-M20-04 HG	3630103.75	4765840.08	693.55	VRS	
L-M20-04 UA	3630238.41	4765487.69	695.86	VRS	
L-M20-05	3618545.01	4804962.06	871.11	VRS	CL NW EDGE STOP BAR NAIL SET
L-M20-05 BE	3618479.42	4804991.34	867.08	VRS	
L-M20-05 BR	3618697.38	4805041.77	859.09	VRS	
L-M20-05 FA	3618533.61	4805046.46	869.60	VRS	
L-M20-05 HG	3618529.93	4804823.13	872.02	VRS	
L-M20-05 UA	3618466.44	4804847.12	870.83	VRS	
L-M20-06	3590682.76	4820105.20	759.73	VRS	CL W END STOP BAR NAIL SET
L-M20-06 BE	3590703.53	4820062.01	760.81	VRS	
L-M20-06 BR	3592385.50	4818849.72	746.37	VRS	
L-M20-06 FA	3590787.02	4820125.60	756.97	VRS	
L-M20-06 HG	3590474.12	4819750.44	751.53	VRS	
L-M20-06 UA	3590734.78	4820038.30	761.09	VRS	
L-M20-07	3588452.99	4875038.88	633.55	VRS	NW CNR ASPHALT NAIL SET
L-M20-07 BE	3588418.04	4875100.68	628.74	VRS	
L-M20-07 BR	3587785.65	4874492.63	635.81	VRS	
L-M20-07 FA	3587806.56	4874450.76	636.50	VRS	
L-M20-07 HG	3587813.59	4874354.86	637.41	VRS	
L-M20-07 UA	3588371.01	4875072.87	628.02	VRS	
L-M20-08	3610276.72	4876491.75	600.21	VRS	SW CNR DR @ CLR CHANGE NAIL SET
L-M20-08 BE	3610272.23	4876436.02	598.40	VRS	
L-M20-08 BR	3610291.82	4876476.00	599.63	VRS	
L-M20-08 FA	3610358.73	4876724.34	610.36	VRS	
L-M20-08 HG	3610232.80	4876560.27	601.61	VRS	
L-M20-08 UA	3610324.61	4876483.62	599.95	VRS	

<u>Point ID</u>	<u>Northing (Y)</u>	<u>Easting (X)</u>	<u>Elevation (Z)</u>	<u>Method</u>	<u>COMMENT</u>
L-M20-09	3628437.81	4851729.88	875.26	VRS	NW CNR DR @ COLOR CHANGE NAIL SET
L-M20-09 BE	3628470.96	4851701.31	879.13	VRS	
L-M20-09 BR	3628514.64	4851813.44	866.32	VRS	
L-M20-09 FA	3627978.51	4851187.94	913.39	VRS	
L-M20-09 HG	3628480.10	4851739.48	874.92	VRS	
L-M20-09 UA	3628473.89	4851716.97	876.73	VRS	
L-M20-10	3660384.55	4850898.72	639.66	VRS	NW CNR DR @ COLOR CHANGE NAIL SET
L-M20-10 BE	3660414.25	4850920.05	639.03	VRS	
L-M20-10 BR	3660439.76	4850990.08	641.11	VRS	
L-M20-10 FA	3660440.25	4850751.03	632.01	VRS	
L-M20-10 HG	3660453.24	4850928.26	640.30	VRS	
L-M20-10 UA	3660366.89	4850904.48	639.49	VRS	
L-M20-11	3653190.70	4813274.41	586.29	VRS	CL RD @ E RD EDGE NAIL SET
L-M20-11 BE	3653256.76	4813262.70	581.16	VRS	
L-M20-11 BR	3653210.31	4813206.47	586.85	VRS	
L-M20-11 FA	3653283.38	4813211.85	578.86	VRS	
L-M20-11 HG	3653168.96	4813364.97	580.40	VRS	
L-M20-11 UA	3653159.24	4813311.10	584.63	VRS	
L-M20-12	3670884.42	4779543.94	827.99	VRS	CL SW CNR PSRK STRIPES NAIL SET
L-M20-12 BE	3670896.83	4779612.36	829.46	VRS	
L-M20-12 BR	3670886.16	4779423.27	820.57	VRS	
L-M20-12 FA	3670975.93	4779638.09	837.66	VRS	
L-M20-12 HG	3670796.24	4779375.51	816.01	VRS	
L-M20-12 UA	3670886.50	4779494.34	826.43	VRS	
L-M20-13	3660492.18	4738171.93	699.21	VRS	SW CNR CONC PAD @ ASPH NAIL SET
L-M20-13 BE	3660451.68	4738038.64	696.48	VRS	
L-M20-13 BR	3660414.30	4738136.31	700.04	VRS	
L-M20-13 FA	3660621.01	4738138.33	696.08	VRS	
L-M20-13 HG	3660421.51	4738012.25	695.29	VRS	
L-M20-13 UA	3660466.51	4738128.46	699.31	VRS	

<u>Point ID</u>	<u>Northing (Y)</u>	<u>Easting (X)</u>	<u>Elevation (Z)</u>	<u>Method</u>	<u>COMMENT</u>
L-M20-14	3679175.69	4706648.22	503.58	VRS	SW CNR ASPH @ NW CNR CONC NAIL SET
L-M20-14 BE	3679423.44	4706610.91	482.37	VRS	
L-M20-14 BR	3679432.69	4706749.58	481.72	VRS	
L-M20-14 FA	3679461.82	4706639.94	478.19	VRS	
L-M20-14 HG	3679524.57	4706698.66	472.36	VRS	
L-M20-14 UA	3679201.70	4706702.27	503.86	VRS	
L-M20-15	3668472.28	4669160.86	616.74	VRS	CL RD @ N RD EDGE NAIL SET
L-M20-15 BE	3668466.02	4669083.71	617.42	VRS	
L-M20-15 BR	3668527.14	4669098.79	618.61	VRS	
L-M20-15 FA	3668545.63	4669131.50	616.39	VRS	
L-M20-15 HG	3668502.79	4669158.19	616.11	VRS	
L-M20-15 UA	3668517.62	4669127.98	617.47	VRS	
L-M20-16	3687211.35	4666893.96	459.95	VRS	CL DR @ S RD EDGE NAIL SET
L-M20-16 BE	3687174.48	4666905.04	457.23	VRS	
L-M20-16 BR	3687075.81	4666954.85	461.20	VRS	
L-M20-16 FA	3687172.16	4667182.65	458.47	VRS	
L-M20-16 HG	3687175.59	4667139.85	454.97	VRS	
L-M20-16 UA	3687102.30	4666948.82	460.53	VRS	
L-M20-17	3720964.21	4681522.59	507.24	OPUS-RS	CL SE OF PARK STRIPES NAIL SET
L-M20-17 BE	3720783.87	4681462.05	527.42	RTK	
L-M20-17 BR	3720792.06	4681535.83	512.88	RTK	
L-M20-17 FA	3720846.90	4681483.25	514.04	RTK	
L-M20-17 HG	3720816.29	4681430.46	523.43	RTK	
L-M20-17 UA	3720772.46	4681424.76	529.59	RTK	
L-M20-18	3716594.45	4712224.42	598.47	VRS	CL S OF XSET PARK STRIPES NAIL SET
L-M20-18 BE	3716657.44	4712305.32	597.47	VRS	
L-M20-18 BR	3716823.51	4712058.15	588.63	VRS	
L-M20-18 FA	3716718.44	4712173.83	594.80	VRS	
L-M20-18 HG	3716701.09	4712328.62	599.98	VRS	
L-M20-18 UA	3716619.79	4712255.09	598.51	VRS	

<u>Point ID</u>	<u>Northing (Y)</u>	<u>Easting (X)</u>	<u>Elevation (Z)</u>	<u>Method</u>	<u>COMMENT</u>
L-M20-19	3697409.61	4762452.46	688.60	VRS	CL NE CNR PARK STRIPE NAIL SET
L-M20-19 BE	3697448.77	4762455.97	691.60	VRS	
L-M20-19 BR	3697530.79	4762200.58	695.85	VRS	
L-M20-19 FA	3697435.90	4762333.88	689.40	VRS	
L-M20-19 HG	3697511.19	4762267.95	692.83	VRS	
L-M20-19 UA	3697460.01	4762402.73	691.57	VRS	
L-M20-20	3687563.50	4736089.06	661.19	VRS	SW CNR CONC PAD @ ASPH
L-M20-20 BE	3687369.68	4736188.80	660.06	VRS	
L-M20-20 BR	3687389.26	4736157.22	660.16	VRS	
L-M20-20 FA	3686903.64	4735535.26	652.86	VRS	
L-M20-20 HG	3687324.41	4736223.79	659.03	VRS	
L-M20-20 UA	3687516.91	4736082.18	661.38	VRS	
L-M20-21	3741393.02	4737379.23	708.35	VRS	NW CNR CONC PAD
L-M20-21 BE	3741442.67	4737379.05	707.75	VRS	
L-M20-21 BR	3741263.67	4737348.16	708.34	VRS	
L-M20-21 FA	3741292.92	4737285.28	707.19	VRS	
L-M20-21 HG	3741364.08	4737292.71	706.18	VRS	
L-M20-21 UA	3741379.36	4737337.70	707.62	VRS	
L-M20-22	3704330.45	4786413.52	716.43	VRS	CNR ASPH @ SW CNR GRATES NAIL SET
L-M20-22 BE	3704385.21	4786473.74	715.47	VRS	
L-M20-22 BR	3704456.89	4786559.38	714.88	VRS	
L-M20-22 FA	3704376.91	4786321.66	709.16	VRS	
L-M20-22 HG	3704461.95	4786280.30	708.31	VRS	
L-M20-22 UA	3704293.36	4786399.22	716.73	VRS	
L-M20-23	3721876.70	4803871.45	750.86	VRS	SE CNR ASPH @ COLOR CH NAIL SET
L-M20-23 BE	3721927.83	4803852.60	750.16	VRS	
L-M20-23 BR	3721932.63	4803767.30	750.43	VRS	
L-M20-23 FA	3721822.88	4803809.35	751.50	VRS	
L-M20-23 HG	3721980.36	4803881.05	750.51	VRS	
L-M20-23 UA	3721879.82	4803839.84	751.09	VRS	

<u>Point ID</u>	<u>Northing (Y)</u>	<u>Easting (X)</u>	<u>Elevation (Z)</u>	<u>Method</u>	<u>COMMENT</u>
L-M20-24	3757409.99	4764489.65	835.57	VRS	NW CNR DR @ COLOR CHANGE NAIL SET
L-M20-24 BE	3757434.68	4764464.34	836.37	VRS	
L-M20-24 BR	3757368.88	4764599.79	818.52	VRS	
L-M20-24 FA	3757429.12	4764446.49	837.77	VRS	
L-M20-24 HG	3757429.89	4764558.87	827.86	VRS	
L-M20-24 UA	3757394.00	4764427.39	838.47	VRS	
L-M20-25	3758854.65	4711129.37	607.52	VRS	CL DR @ N RD EDGE NAIL SET
L-M20-25 BE	3758888.89	4711101.51	601.15	VRS	
L-M20-25 BR	3758875.84	4711051.38	597.82	VRS	
L-M20-25 FA	3758867.78	4711178.64	611.42	VRS	
L-M20-25 HG	3758799.77	4711190.70	617.41	VRS	
L-M20-25 UA	3758899.75	4711125.94	603.03	VRS	
L-M20-26	3754316.36	4659652.56	676.13	VRS	CL DR @ S RD EDGE NAIL SET
L-M20-26 BE	3754261.27	4659702.71	677.01	VRS	
L-M20-26 BR	3754200.70	4659747.08	675.80	VRS	
L-M20-26 FA	3754182.47	4659806.08	671.19	VRS	
L-M20-26 HG	3754228.00	4659714.37	677.80	VRS	
L-M20-26 UA	3754269.07	4659659.76	677.36	VRS	



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-AAS-01
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Metcalf **QUAD:** Center

OPERATOR: B. Novy

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3574801.76	ELEVATION	ELLIPSOID
EASTING:	4936855.97	819.29	716.41

RECEIVER MODEL: TRMR8_GNS
S
RECEIVER S/N: 4849161172

SESSION	DATE: 04/17/2014	START TIME: 18:42:48	X	UTC
KYVRS	DAY OF YEAR: 107	END TIME: 18:47:48		LOCAL

ANTENNA HEIGHT (SLANT)

MTRS/FT		
	MEASURED	FIXED HGT.

ANTENNA

RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)

MTRS/FT	2.000	Meters
	MEASURED	X FIXED HGT.

TOP OF MONUMENT IS: X **FLUSH**

METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

SE CNR WALK @ PARK LOT

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





GPS CONTROL SURVEY FIELD DATA SHEET
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PAGE
2

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-AAS-01
Proj. No.:	7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-AAS-01
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-AAS-01 BE			Point ID	L-AAS-01 BE		
NEZ	3574782.87	4936987.59	818.61				



Photo:				Photo:			
Point ID	L-AAS-01 BR			Point ID	L-AAS-01 BR		
NEZ	3574584.49	4936997.90	811.29				



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Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-AAS-01
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-AAS-01 FA			Point ID	L-AAS-01 FA		
NEZ	3574834.98	4937028.63	818.20				



Photo:				Photo:			
Point ID	L-AAS-01 HG			Point ID	L-AAS-01 HG		
NEZ	3574899.26	4937052.59	817.40				







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 859-277-8700 voice 859-277-8901 fax

**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-AAS-01
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-AAS-01 UA		Point ID		L-AAS-01 UA	
NEZ	3574778.04	4936925.28	819.55				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-AAS-02
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Hart	QUAD:	Park
---------------	----	----------------	------	--------------	------

OPERATOR:	B. Novy	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09	
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3585550.04	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4908199.86	647.86	544.78

SESSION	DATE:	04/18/2014	START TIME:	12:02:56	<input checked="" type="checkbox"/>	UTC
KYVRS	DAY OF YEAR:	108	END TIME:	12:07:21		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	<input checked="" type="checkbox"/>	FIXED HGT.

TOP OF MONUMENT IS:	<input checked="" type="checkbox"/>	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

N EDGE DRIVE @ CLR CH NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	<input checked="" type="checkbox"/>	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-AAS-02
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

**LiDAR Truing Points
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-AAS-02
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-AAS-02 BE			Point ID	L-AAS-02 BE		
NEZ	3585590.70	4908220.02	647.86				





Photo:				Photo:			
Point ID	L-AAS-02 BR			Point ID	L-AAS-02 BR		
NEZ	3585728.89	4908292.36	648.32				



523 Wellington Way, Suite 375
Lexington, KY 40503
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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-AAS-02
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-AAS-02 FA			Point ID	L-AAS-02 FA		
NEZ	3585587.67	4908298.55	650.60				
							
Photo:				Photo:			
Point ID	L-AAS-02 HG			Point ID	L-AAS-02 HG		
NEZ	3585410.72	4908108.53	648.23				
							

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

**LiDAR Truing Points
FIELD DATA SHEET**

PAGE
3

JOB REFERENCE
Kentucky Statewide

AREA ID: L-AAS-02
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-AAS-02 UA		Point ID		L-AAS-02 UA	
NEZ	3585837.95	4908335.14	649.54				



Photo:				Photo:			
Point ID				Point ID			
NEZ							





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-AAS-03
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Hart **QUAD:** Canmer

OPERATOR: B. Novy

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3622915.09	ELEVATION	ELLIPSOID
EASTING:	4893650.67	611.78	507.90

RECEIVER MODEL: TRMR8_GNS
S
RECEIVER S/N: 4849161172

SESSION	DATE: 04/18/2014	START TIME: 16:15:20	X	UTC
KYVRS	DAY OF YEAR: 108	END TIME: 16:19:16		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL DR @ RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-AAS-03
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-AAS-03
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-AAS-03 BE			Point ID	L-AAS-03 BE		
NEZ	3622858.17	4893595.05	610.13				







Photo:				Photo:			
Point ID	L-AAS-03 BR			Point ID	L-AAS-03 BR		
NEZ	3623155.12	4894466.28	637.60				



523 Wellington Way, Suite 375
Lexington, KY 40503
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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-AAS-03
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-AAS-03 FA			Point ID	L-AAS-03 FA		
NEZ	3623112.72	4894555.95	639.56				
							
Photo:				Photo:			
Point ID	L-AAS-03 HG			Point ID	L-AAS-03 HG		
NEZ	3623174.15	4894633.82	644.15				
							



523 Wellington Way, Suite 375
 Lexington, KY 40503
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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

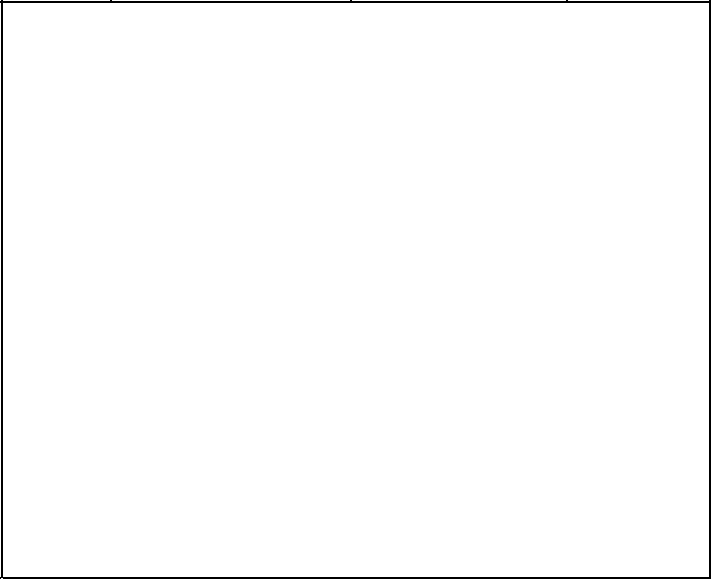
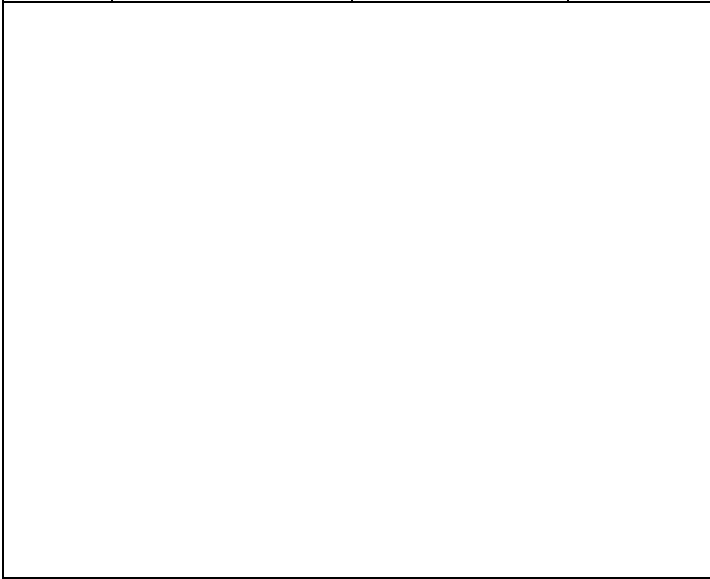
JOB REFERENCE
 Kentucky Statewide

AREA ID: L-AAS-03
Proj. No.: 7145-002

Photo:				Photo:			
Point ID	L-AAS-03 UA			Point ID	L-AAS-03 UA		
NEZ	3622954.46	4893631.05	611.55				



Photo:				Photo:			
Point ID				Point ID			
NEZ							





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-AAS-04
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Hart **QUAD:** Center

OPERATOR: B. Novy

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3608810.18	ELEVATION	ELLIPSOID
EASTING:	4934977.02	740.19	636.44

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 04/18/2014
DAY OF YEAR: 108

START TIME: 12:45:00
END TIME: 12:51:08

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL S END WALK

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-AAS-04
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-AAS-04
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-AAS-04 BE			Point ID	L-AAS-04 BE		
NEZ	3608727.48	4934900.21	737.24				



Photo:				Photo:			
Point ID	L-AAS-04 BR			Point ID	L-AAS-04 BR		
NEZ	3609496.66	4934745.84	790.99				



523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-AAS-04
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-AAS-04 FA			Point ID	L-AAS-04 FA		
NEZ	3610590.99	4933838.89	807.31				



Photo:				Photo:			
Point ID	L-AAS-04 HG			Point ID	L-AAS-04 HG		
NEZ	3608871.74	4934877.57	748.77				





523 Wellington Way, Suite 375
 Lexington, KY 40503
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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-AAS-04
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-AAS-04 UA		Point ID		L-AAS-04 UA	
NEZ	3608763.25	4934954.12	737.73				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-AAS-05
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Green	QUAD:	Summersville
---------------	----	----------------	-------	--------------	--------------

OPERATOR:	B. Novy	NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3617911.61	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4965689.00	700.67	596.49

SESSION	DATE:	04/17/2014	START TIME:	20:31:34	<input checked="" type="checkbox"/>	UTC
KYVRS	DAY OF YEAR:	107	END TIME:	20:35:48		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	<input checked="" type="checkbox"/>	FIXED HGT.

TOP OF MONUMENT IS:	<input checked="" type="checkbox"/>	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

N MOST CNR WALK @ CL WALK

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	<input checked="" type="checkbox"/>	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-AAS-05
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-AAS-05
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-AAS-05 BE			Point ID	L-AAS-05 BE		
NEZ	3617983.39	4965636.19	695.87				
							
Photo:				Photo:			
Point ID	L-AAS-05 BR			Point ID	L-AAS-05 BR		
NEZ	3618069.13	4965683.98	696.49				
							

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-AAS-05
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-AAS-05 FA			Point ID	L-AAS-05 FA		
NEZ	3617924.51	4965588.30	693.99				
							
Photo:				Photo:			
Point ID	L-AAS-05 HG			Point ID	L-AAS-05 HG		
NEZ	3617848.36	4965635.37	700.24				
							



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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-AAS-05
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-AAS-05 UA		Point ID		L-AAS-05 UA	
NEZ	3617822.54	4965676.32	701.80				
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-AAS-06
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Green **QUAD:** Summersville

OPERATOR: B. Novy

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3617757.27	ELEVATION	ELLIPSOID
EASTING:	4993379.29	576.17	471.81

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 04/17/2014
DAY OF YEAR: 107

START TIME: 15:11:31
END TIME: 15:15:16

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:		
X		FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL N END PARK STRIPE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-AAS-06
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-AAS-06
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-AAS-06 BE			Point ID	L-AAS-06 BE		
NEZ	3617648.84	4993432.17	553.72				







Photo:				Photo:			
Point ID	L-AAS-06 BR			Point ID	L-AAS-06 BR		
NEZ	3617387.66	4993402.07	549.25				



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Lexington, KY 40503
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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-AAS-06
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-AAS-06 FA			Point ID	L-AAS-06 FA		
NEZ	3617708.19	4993545.94	554.78				
							
Photo:				Photo:			
Point ID	L-AAS-06 HG			Point ID	L-AAS-06 HG		
NEZ	3617403.49	4993443.13	550.16				
							





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-AAS-06
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-AAS-06 UA		Point ID		L-AAS-06 UA	
NEZ	3617704.09	4993338.34	574.40				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-AAS-07
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Green	QUAD:	Exie
---------------	----	----------------	-------	--------------	------

OPERATOR:	B. Novy	NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3591266.13	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4962666.02	815.66	712.36

SESSION	DATE:	04/17/2014	START TIME:	19:27:47	<input checked="" type="checkbox"/>	UTC
KYVRS	DAY OF YEAR:	107	END TIME:	19:32:27		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	<input checked="" type="checkbox"/>	FIXED HGT.

TOP OF MONUMENT IS:	<input checked="" type="checkbox"/>	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

NW CNR PARK STRIPES NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	<input checked="" type="checkbox"/>	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-AAS-07
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-AAS-07
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-AAS-07 BE			Point ID	L-AAS-07 BE		
NEZ	3591309.88	4962703.95	813.76				



Photo:				Photo:			
Point ID	L-AAS-07 BR			Point ID	L-AAS-07 BR		
NEZ	3591126.94	4962854.72	813.67				



523 Wellington Way, Suite 375
Lexington, KY 40503
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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-AAS-07
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-AAS-07 FA			Point ID	L-AAS-07 FA		
NEZ	3591161.31	4962788.46	814.84				



Photo:				Photo:			
Point ID	L-AAS-07 HG			Point ID	L-AAS-07 HG		
NEZ	3591245.88	4962471.94	817.76				







523 Wellington Way, Suite 375
 Lexington, KY 40503
 859-277-8700 voice 859-277-8901 fax

**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-AAS-07
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-AAS-07 UA		Point ID		L-AAS-07 UA	
NEZ	3591279.45	4962584.95	816.35				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-AAS-08
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Green **QUAD:** Gresham

OPERATOR: B. Novy

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3595404.06	ELEVATION	ELLIPSOID
EASTING:	5009438.47	826.81	723.00

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 04/17/2014
DAY OF YEAR: 107

START TIME: 15:59:26
END TIME: 16:04:06

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)

MTRS/FT	MEASURED	FIXED HGT.

ANTENNA

RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)

MTRS/FT	2.000	Meters
	MEASURED	X FIXED HGT.

TOP OF MONUMENT IS: X **FLUSH**

METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

SE CNR MEDIAN NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-AAS-08
Proj. No.: 7145-004



523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-AAS-08
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-AAS-08 BE			Point ID	L-AAS-08 BE		
NEZ	3595363.63	5009446.41	824.43				
							
Photo:				Photo:			
Point ID	L-AAS-08 BR			Point ID	L-AAS-08 BR		
NEZ	3595472.23	5009485.03	824.05				
							

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-AAS-08
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-AAS-08 FA			Point ID	L-AAS-08 FA		
NEZ	3595172.56	5009574.36	816.65				



Photo:				Photo:			
Point ID	L-AAS-08 HG			Point ID	L-AAS-08 HG		
NEZ	3595404.24	5009619.97	810.42				





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 Lexington, KY 40503
 859-277-8700 voice 859-277-8901 fax

**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-AAS-08
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-AAS-08 UA		Point ID		L-AAS-08 UA	
NEZ	3595283.49	5009553.27	823.83				
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-AAS-09
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Green **QUAD:** Cane Valley

OPERATOR: B. Novy

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3595644.29	ELEVATION	ELLIPSOID
EASTING:	5036176.95	704.07	599.99

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 04/17/2014
DAY OF YEAR: 107

START TIME: 16:47:21
END TIME: 16:51:45

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)

MTRS/FT	MEASURED	FIXED HGT.

ANTENNA

RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)

MTRS/FT	2.000	Meters
	MEASURED	X FIXED HGT.

TOP OF MONUMENT IS: X **FLUSH**

METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

NE CNR MEDIAN NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-AAS-09
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
 Lexington, KY 40503
 859-277-8700 voice 859-277-8901 fax

JOB REFERENCE Kentucky Statewide
--

AREA ID:	L-AAS-09
Proj. No.:	7145-004

Photo:				Photo:			
Point ID		L-AAS-09 BE		Point ID		L-AAS-09 BE	
NEZ	3595633.87	5036303.93	703.32				



Photo:				Photo:			
Point ID		L-AAS-09 BR		Point ID		L-AAS-09 BR	
NEZ	3595695.12	5036311.76	704.20				



523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-AAS-09
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-AAS-09 FA			Point ID	L-AAS-09 FA		
NEZ	3595639.23	5036070.25	701.12				



Photo:				Photo:			
Point ID	L-AAS-09 HG			Point ID	L-AAS-09 HG		
NEZ	3595589.58	5036135.19	700.10				







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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-AAS-09
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-AAS-09 UA		Point ID		L-AAS-09 UA	
NEZ	3595584.10	5036082.84	703.64				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-AAS-10
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Green **QUAD:** Greensburg

OPERATOR: B. Novy

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3634421.49	ELEVATION	ELLIPSOID
EASTING:	5011496.17	833.96	728.87

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 04/17/2014
DAY OF YEAR: 107

START TIME: 14:35:18
END TIME: 14:36:10

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL S EDGE PARK STRIPE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-AAS-10
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-AAS-10
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-AAS-10 BE			Point ID	L-AAS-10 BE		
NEZ	3634478.71	5011603.66	833.09				



Photo:				Photo:			
Point ID	L-AAS-10 BR			Point ID	L-AAS-10 BR		
NEZ	3634576.14	5011787.53	834.11				



523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-AAS-10
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-AAS-10 FA			Point ID	L-AAS-10 FA		
NEZ	3634402.95	5011818.07	832.70				



Photo:				Photo:			
Point ID	L-AAS-10 HG			Point ID	L-AAS-10 HG		
NEZ	3634349.32	5011745.41	831.58				





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

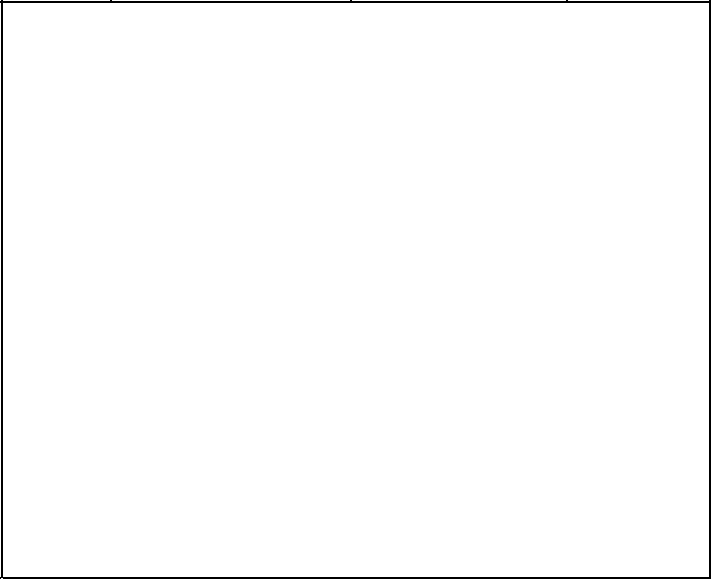
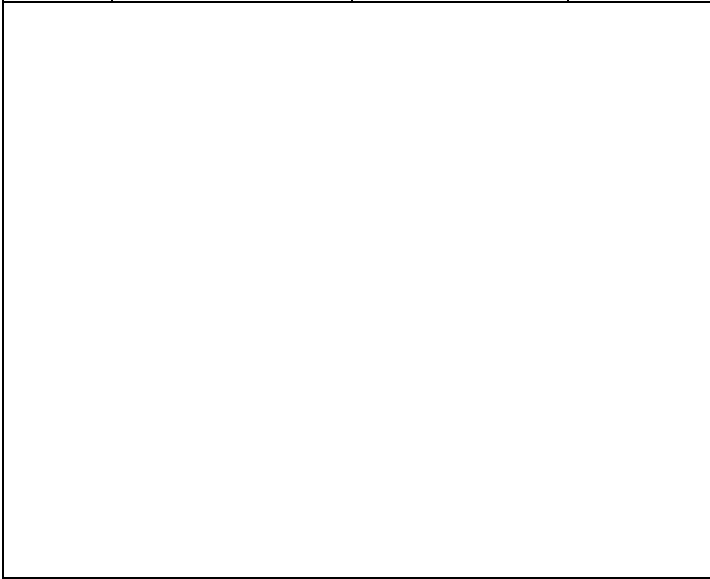
JOB REFERENCE
 Kentucky Statewide

AREA ID: L-AAS-10
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-AAS-10 UA		Point ID		L-AAS-10 UA	
NEZ	3634416.86	5011577.91	835.25				



Photo:				Photo:			
Point ID				Point ID			
NEZ							





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-AAS-11
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Green **QUAD:** Summersville

OPERATOR: B. Novy

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3644799.14	ELEVATION	ELLIPSOID
EASTING:	4984047.19	825.42	720.22

RECEIVER MODEL: TRMR8_GNS
S
RECEIVER S/N: 4849161172

SESSION	DATE: 04/17/2014	START TIME: 13:27:16	X	UTC
KYVRS	DAY OF YEAR: 107	END TIME: 13:31:22		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:		
	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

NE CNR WALK @ EDGE OF PARKING

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide





POINT ID: L-AAS-11
Proj. No.: 7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-AAS-11
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-AAS-11 BE			Point ID	L-AAS-11 BE		
NEZ	3644684.79	4984132.88	822.12				
							
Photo:				Photo:			
Point ID	L-AAS-11 BR			Point ID	L-AAS-11 BR		
NEZ	3644775.37	4984216.67	813.76				
							

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-AAS-11
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-AAS-11 FA			Point ID	L-AAS-11 FA		
NEZ	3644616.44	4984106.95	820.57				
							
Photo:				Photo:			
Point ID	L-AAS-11 HG			Point ID	L-AAS-11 HG		
NEZ	3643494.86	4979282.74	810.67				
							





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 Lexington, KY 40503
 859-277-8700 voice 859-277-8901 fax

**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-AAS-11
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-AAS-11 UA		Point ID		L-AAS-11 UA	
NEZ	3644798.63	4984115.60	825.90				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-AAS-12
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Hart **QUAD:** Hudgins

OPERATOR: B. Novy

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3635967.81	ELEVATION	ELLIPSOID
EASTING:	4935556.14	721.06	616.48

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 04/18/2014
DAY OF YEAR: 108

START TIME: 13:59:35
END TIME: 14:05:30

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:		
	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL DRIVE @ EDGE RD NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-AAS-12
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-AAS-12
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-AAS-12 BE			Point ID	L-AAS-12 BE		
NEZ	3636015.70	4935586.10	726.14				



Photo:				Photo:			
Point ID	L-AAS-12 BR			Point ID	L-AAS-12 BR		
NEZ	3635934.76	4935605.56	719.74				



523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-AAS-12
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-AAS-12 FA			Point ID	L-AAS-12 FA		
NEZ	3636004.33	4935630.03	724.93				
							
Photo:				Photo:			
Point ID	L-AAS-12 HG			Point ID	L-AAS-12 HG		
NEZ	3635967.08	4935587.97	722.54				
							



523 Wellington Way, Suite 375
 Lexington, KY 40503
 859-277-8700 voice 859-277-8901 fax

**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

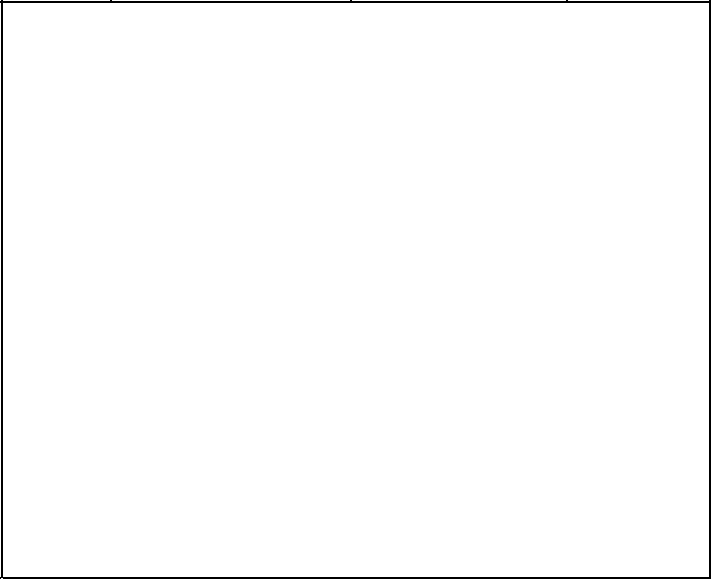
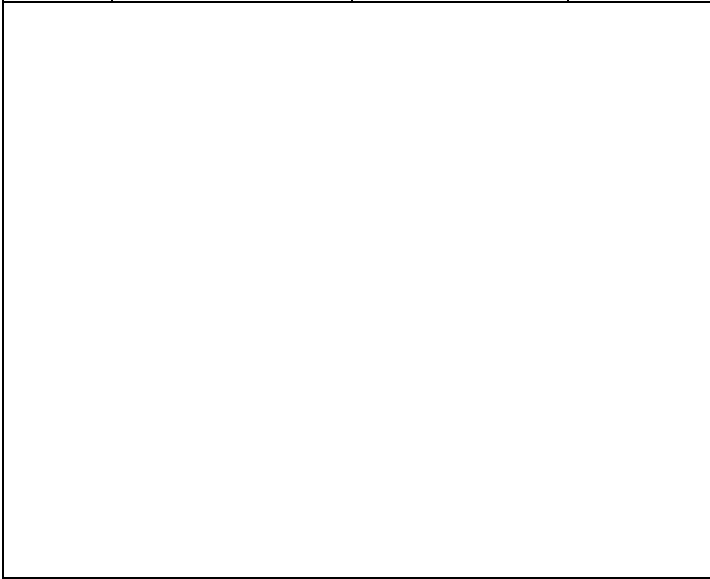
JOB REFERENCE
 Kentucky Statewide

AREA ID: L-AAS-12
Proj. No.: 7145-002

Photo:				Photo:			
Point ID	L-AAS-12 UA			Point ID	L-AAS-12 UA		
NEZ	3636058.57	4935566.20	723.57				



Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-AAS-13
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Hart	QUAD:	Canmer
---------------	----	----------------	------	--------------	--------

OPERATOR:	B. Novy	NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3648362.16	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4890033.79	907.12	802.60

SESSION	DATE:	04/18/2014	START TIME:	15:25:23	<input checked="" type="checkbox"/>	UTC
KYVRS	DAY OF YEAR:	108	END TIME:	15:33:34		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	<input checked="" type="checkbox"/>	FIXED HGT.

TOP OF MONUMENT IS:	<input checked="" type="checkbox"/>	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL DRIVE @ EDGE RD NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	<input checked="" type="checkbox"/>	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-AAS-13
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-AAS-13
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-AAS-13 BE			Point ID	L-AAS-13 BE		
NEZ	3648324.26	4889947.38	922.11				



Photo:				Photo:			
Point ID	L-AAS-13 BR			Point ID	L-AAS-13 BR		
NEZ	3648239.98	4890023.22	901.20				



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Lexington, KY 40503
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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-AAS-13
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-AAS-13 FA			Point ID	L-AAS-13 FA		
NEZ	3648334.47	4890057.74	904.67				



Photo:				Photo:			
Point ID	L-AAS-13 HG			Point ID	L-AAS-13 HG		
NEZ	3648379.43	4889944.42	929.95				





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 Lexington, KY 40503
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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-AAS-13
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-AAS-13 UA		Point ID		L-AAS-13 UA	
NEZ	3648306.25	4890040.32	904.46				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-AAS-14
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Hart **QUAD:** Canmer

OPERATOR: B. Novy

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3658348.28	ELEVATION	ELLIPSOID
EASTING:	4918490.53	771.79	666.68

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 04/18/2014
DAY OF YEAR: 108

START TIME: 14:39:36
END TIME: 14:45:22

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

N EDGE DRIVE @ CLR CH NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-AAS-14
Proj. No.: 7145-004



523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide





AREA ID:	L-AAS-14
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-AAS-14 BE			Point ID	L-AAS-14 BE		
NEZ	3658619.23	4918423.19	774.50				
							
Photo:				Photo:			
Point ID	L-AAS-14 BR			Point ID	L-AAS-14 BR		
NEZ	3658457.97	4918435.82	772.36				
							

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-AAS-14
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-AAS-14 FA			Point ID	L-AAS-14 FA		
NEZ	3658657.52	4918389.35	771.68				
							
Photo:				Photo:			
Point ID	L-AAS-14 HG			Point ID	L-AAS-14 HG		
NEZ	3658540.82	4918415.30	766.52				
							





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 Lexington, KY 40503
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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-AAS-14
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-AAS-14 UA		Point ID		L-AAS-14 UA	
NEZ	3658308.80	4918507.73	771.21				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-AAS-15
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Green **QUAD:** Summersville

OPERATOR: B. Novy

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3659519.26	ELEVATION	ELLIPSOID
EASTING:	4958972.93	750.34	644.84

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 04/17/2014
DAY OF YEAR: 107

START TIME: 12:37:59
END TIME: 12:42:45

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL RD @ EDGE OF RD NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-AAS-15
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-AAS-15
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-AAS-15 BE			Point ID	L-AAS-15 BE		
NEZ	3659513.54	4959035.26	747.30				
							
Photo:				Photo:			
Point ID	L-AAS-15 BR			Point ID	L-AAS-15 BR		
NEZ	3659344.65	4958028.17	725.22				
							

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-AAS-15
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-AAS-15 FA			Point ID	L-AAS-15 FA		
NEZ	3659451.46	4959088.19	744.77				
							
Photo:				Photo:			
Point ID	L-AAS-15 HG			Point ID	L-AAS-15 HG		
NEZ	3659398.62	4958120.53	723.03				
							





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-AAS-15
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-AAS-15 UA		Point ID		L-AAS-15 UA	
NEZ	3659427.69	4958905.38	748.42				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-AAS-16
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Green	QUAD:	Hibernia
---------------	----	----------------	-------	--------------	----------

OPERATOR:	B. Novy	NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3679450.98	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4970994.28	669.80	563.52

SESSION	DATE:	04/17/2014	START TIME:	11:53:48	<input checked="" type="checkbox"/>	UTC
KYVRS	DAY OF YEAR:	107	END TIME:	11:58:10		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	<input checked="" type="checkbox"/>	FIXED HGT.

TOP OF MONUMENT IS:	<input checked="" type="checkbox"/>	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL RD @ EDGE OF RD NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	<input checked="" type="checkbox"/>	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-AAS-16
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-AAS-16
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-AAS-16 BE			Point ID	L-AAS-16 BE		
NEZ	3679551.96	4970963.21	666.94				



Photo:				Photo:			
Point ID	L-AAS-16 BR			Point ID	L-AAS-16 BR		
NEZ	3679414.60	4970944.60	668.13				



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Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-AAS-16
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-AAS-16 FA			Point ID	L-AAS-16 FA		
NEZ	3679541.54	4970845.58	666.26				
							
Photo:				Photo:			
Point ID	L-AAS-16 HG			Point ID	L-AAS-16 HG		
NEZ	3679477.26	4971043.86	671.19				
							





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 Lexington, KY 40503
 859-277-8700 voice 859-277-8901 fax

**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-AAS-16
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-AAS-16 UA		Point ID		L-AAS-16 UA	
NEZ	3679561.52	4970902.14	667.60				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-01
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Logan **QUAD:** Auburn

OPERATOR: B. Novy

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3467078.11	ELEVATION	ELLIPSOID
EASTING:	4645130.28	683.66	585.07

RECEIVER MODEL: TRMR8_GNS
S
RECEIVER S/N: 4849161172

SESSION	DATE: 04/29/2014	START TIME: 17:18:21	X	UTC
KYVRS	DAY OF YEAR: 119	END TIME: 17:22:17		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

NW CNR DR @ RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-01
Proj. No.: 7145-004





523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-01
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-01 BE			Point ID	L-BWG-01 BE		
NEZ	3467113.71	4645038.19	684.89				
							
Photo:				Photo:			
Point ID	L-BWG-01 BR			Point ID	L-BWG-01 BR		
NEZ	3464004.92	4647500.82	709.51				
							

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Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-01
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-01 FA			Point ID	L-BWG-01 FA		
NEZ	3467082.73	4645094.92	683.75				



Photo:				Photo:			
Point ID	L-BWG-01 HG			Point ID	L-BWG-01 HG		
NEZ	3464108.46	4647497.47	709.17				





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-BWG-01
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-BWG-01 UA		Point ID		L-BWG-01 UA	
NEZ	3467069.46	4645064.81	685.52				
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-BWG-02
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Logan	QUAD:	Homer
---------------	----	----------------	-------	--------------	-------

OPERATOR:	B. Novy	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09	
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3494389.34	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4619840.99	705.18	606.76

SESSION	DATE:	04/24/2014	START TIME:	19:42:34	X	UTC
KYVRS	DAY OF YEAR:	114	END TIME:	19:46:36		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL DR @ W EDGE RD NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-02
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

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Lexington, KY 40503
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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-02
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-02 BE			Point ID	L-BWG-02 BE		
NEZ	3494441.18	4619850.52	703.83				



Photo:				Photo:			
Point ID	L-BWG-02 BR			Point ID	L-BWG-02 BR		
NEZ	3494411.93	4619891.88	702.78				



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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-02
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-02 FA			Point ID	L-BWG-02 FA		
NEZ	3494359.66	4619815.46	706.39				
							
Photo:				Photo:			
Point ID	L-BWG-02 HG			Point ID	L-BWG-02 HG		
NEZ	3494462.40	4619914.02	702.17				
							



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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-BWG-02
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-BWG-02 UA		Point ID		L-BWG-02 UA	
NEZ	3494405.40	4619802.62	704.75				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-03
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Simpson **QUAD:** Rockfield

OPERATOR: B. Novy

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3480441.90	ELEVATION	ELLIPSOID
EASTING:	4669097.72	627.31	528.37

RECEIVER MODEL: TRMR8_GNS
S
RECEIVER S/N: 4849161172

SESSION	DATE: 04/29/2014	START TIME: 16:08:42	X	UTC
KYVRS	DAY OF YEAR: 119	END TIME: 16:12:42		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL WEST END WALK

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





GPS CONTROL SURVEY FIELD DATA SHEET
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PAGE
2

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JOB REFERENCE
Kentucky Statewide





POINT ID:	L-BWG-03
Proj. No.:	7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide





AREA ID:	L-BWG-03
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-03 BE			Point ID	L-BWG-03 BE		
NEZ	3480484.14	4669098.78	626.13				
							
Photo:				Photo:			
Point ID	L-BWG-03 BR			Point ID	L-BWG-03 BR		
NEZ	3480059.26	4668816.55	619.41				
							

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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-03
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-03 FA			Point ID	L-BWG-03 FA		
NEZ	3480537.13	4669134.14	625.84				
							
Photo:				Photo:			
Point ID	L-BWG-03 HG			Point ID	L-BWG-03 HG		
NEZ	3480574.02	4669249.54	627.24				
							



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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-BWG-03
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-BWG-03 UA		Point ID		L-BWG-03 UA	
NEZ	3480389.60	4668996.82	624.54				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-BWG-04
Proj. No.:	7145-004

523 Wellington Way, Suite 375
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859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Warren	QUAD:	Rockfield
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OPERATOR:	B. Novy	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09	
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3511981.30	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4670298.57	526.47	427.13

SESSION	DATE:	04/29/2014	START TIME:	15:16:57	<input checked="" type="checkbox"/>	UTC
KYVRS	DAY OF YEAR:	119	END TIME:	15:23:20		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	<input checked="" type="checkbox"/>	FIXED HGT.

TOP OF MONUMENT IS:	<input checked="" type="checkbox"/>	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL DR @ NE RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	<input checked="" type="checkbox"/>	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-04
Proj. No.: 7145-004





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Photo:	Photo:
Photo:	Photo:

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Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-04
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-04 BE			Point ID	L-BWG-04 BE		
NEZ	3512047.00	4670295.66	533.10				
							
Photo:				Photo:			
Point ID	L-BWG-04 BR			Point ID	L-BWG-04 BR		
NEZ	3512066.96	4670169.50	529.66				
							

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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-04
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-04 FA			Point ID	L-BWG-04 FA		
NEZ	3512098.21	4670229.84	534.30				
							
Photo:				Photo:			
Point ID	L-BWG-04 HG			Point ID	L-BWG-04 HG		
NEZ	3511855.14	4670365.79	519.22				
							



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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-BWG-04
Proj. No.: 7145-002

Photo:				Photo:			
Point ID	L-BWG-04 UA			Point ID	L-BWG-04 UA		
NEZ	3512018.84	4670326.84	530.49				



Photo:				Photo:			
Point ID				Point ID			
NEZ							





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-05
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Warren **QUAD:** Drake

OPERATOR: B. Novy

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3463415.19	ELEVATION	ELLIPSOID
EASTING:	4712309.80	627.30	528.25

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 04/29/2014
DAY OF YEAR: 119

START TIME: 18:16:54
END TIME: 18:21:12

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:		
	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL W END STOP BAR NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-05
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-05
Proj. No.:	7145-004

Photo:				Photo:			
Point ID		L-BWG-05 BE		Point ID		L-BWG-05 BE	
NEZ	3463407.39	4712363.67	625.98				



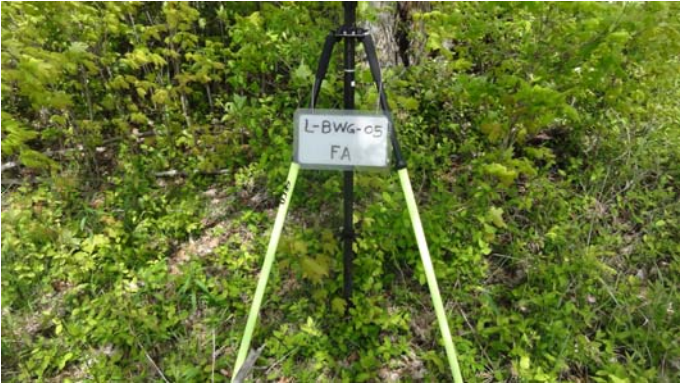



Photo:				Photo:			
Point ID		L-BWG-05 BR		Point ID		L-BWG-05 BR	
NEZ	3463459.63	4712504.59	629.23				



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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-05
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-05 FA			Point ID	L-BWG-05 FA		
NEZ	3463552.55	4712490.34	627.84				
							
Photo:				Photo:			
Point ID	L-BWG-05 HG			Point ID	L-BWG-05 HG		
NEZ	3463496.59	4712460.35	628.97				
							



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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

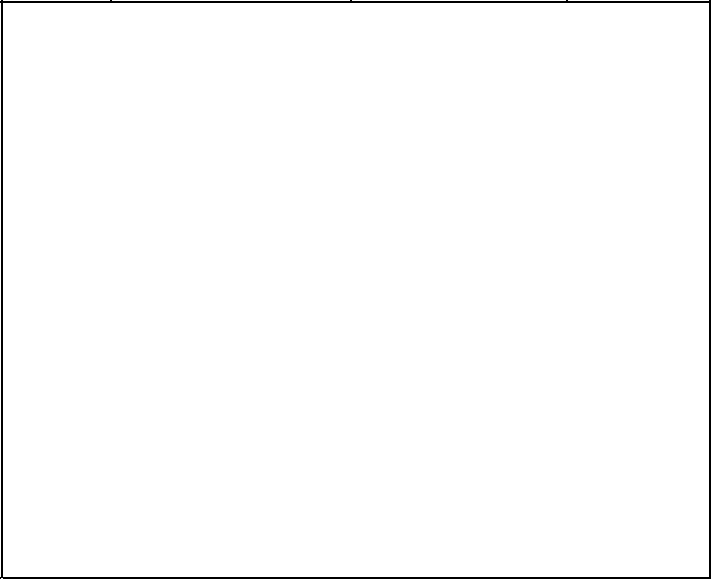
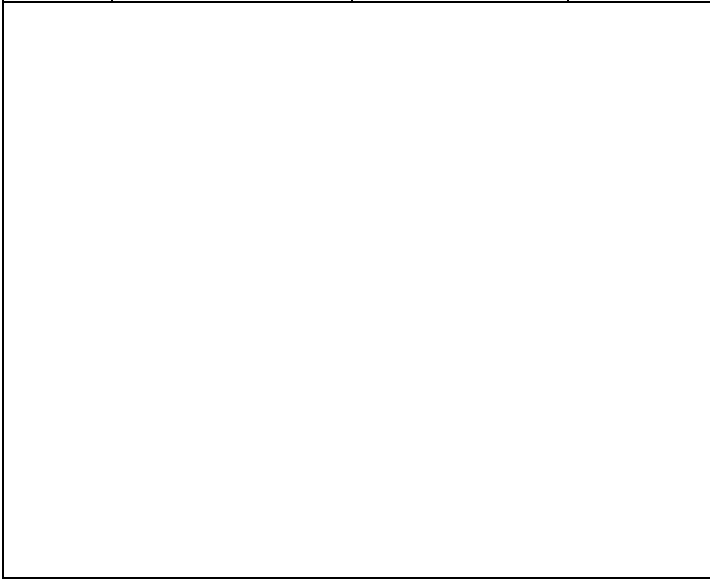
JOB REFERENCE
 Kentucky Statewide

AREA ID: L-BWG-05
Proj. No.: 7145-002

Photo:				Photo:			
Point ID	L-BWG-05 UA			Point ID	L-BWG-05 UA		
NEZ	3463478.38	4712422.98	628.74				



Photo:				Photo:			
Point ID				Point ID			
NEZ							





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-06
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Simpson **QUAD:** Drake

OPERATOR: B. Novy

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3447566.44	ELEVATION	ELLIPSOID
EASTING:	4725082.42	681.67	582.81

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 04/29/2014
DAY OF YEAR: 119

START TIME: 18:58:07
END TIME: 19:02:10

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:		
	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

SE CNR DR @ N RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





GPS CONTROL SURVEY FIELD DATA SHEET
--

PAGE
2

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JOB REFERENCE
Kentucky Statewide

POINT ID:	L-BWG-06
Proj. No.:	7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-06
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-06 BE			Point ID	L-BWG-06 BE		
NEZ	3447537.27	4724941.44	683.49				



Photo:				Photo:			
Point ID	L-BWG-06 BR			Point ID	L-BWG-06 BR		
NEZ	3448478.14	4726082.59	694.18				



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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-06
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-06 FA			Point ID	L-BWG-06 FA		
NEZ	3447591.57	4724943.34	687.31				



Photo:				Photo:			
Point ID	L-BWG-06 HG			Point ID	L-BWG-06 HG		
NEZ	3447916.13	4722833.29	688.55				





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-BWG-06
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-BWG-06 UA		Point ID		L-BWG-06 UA	
NEZ	3447552.75	4725133.85	680.79				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-07
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Allen **QUAD:** Allen Springs

OPERATOR: B. Novy

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3464536.82	ELEVATION	ELLIPSOID
EASTING:	4755456.36	657.09	558.09

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 04/30/2014
DAY OF YEAR: 120

START TIME: 13:07:50
END TIME: 13:11:36

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL DR @ S RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-07
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-07
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-07 BE			Point ID	L-BWG-07 BE		
NEZ	3464497.16	4755549.91	665.18				

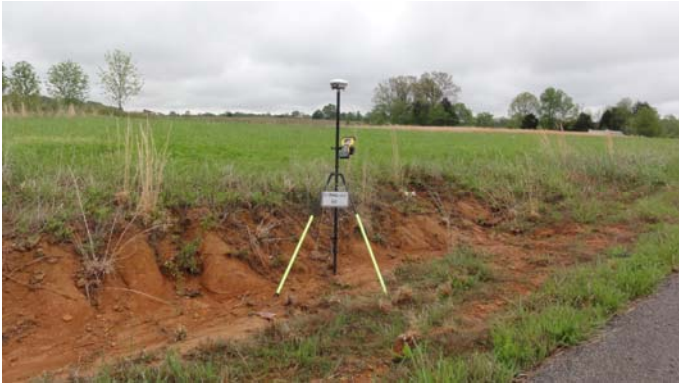
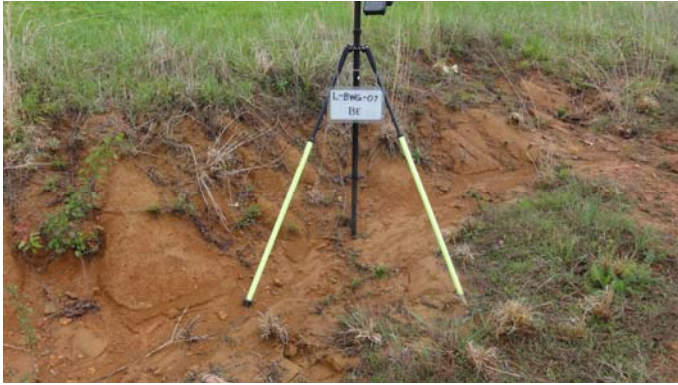



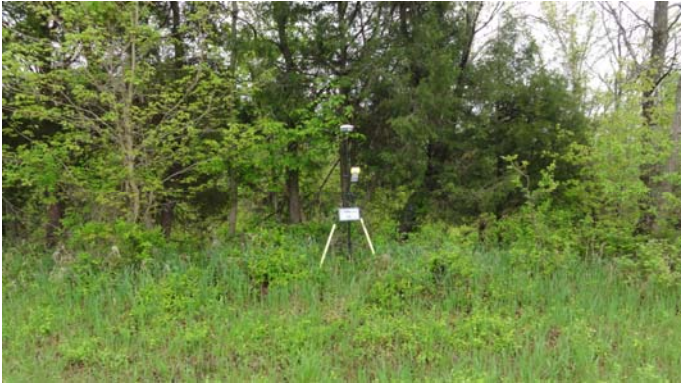

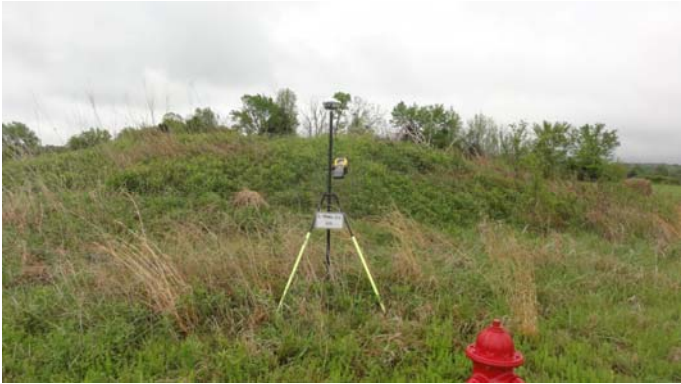
Photo:				Photo:			
Point ID	L-BWG-07 BR			Point ID	L-BWG-07 BR		
NEZ	3464403.17	4755487.76	666.47				



523 Wellington Way, Suite 375
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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-07
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-07 FA			Point ID	L-BWG-07 FA		
NEZ	3464193.28	4755540.62	666.02				
							
Photo:				Photo:			
Point ID	L-BWG-07 HG			Point ID	L-BWG-07 HG		
NEZ	3464459.29	4755474.04	667.19				
							



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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-BWG-07
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-BWG-07 UA		Point ID		L-BWG-07 UA	
NEZ	3464480.97	4755535.56	666.01				



Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-08
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Warren **QUAD:** Polkville

OPERATOR: B. Novy

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3478652.56	ELEVATION	ELLIPSOID
EASTING:	4744393.98	643.67	544.43

RECEIVER MODEL: TRMR8_GNS
S
RECEIVER S/N: 4849161172

SESSION	DATE: 04/30/2014	START TIME: 12:34:50	X	UTC
KYVRS	DAY OF YEAR: 120	END TIME: 12:39:28		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CNR PVMT CHANGE NAL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-08
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-08
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-08 BE			Point ID	L-BWG-08 BE		
NEZ	3478615.94	4744460.39	640.67				







Photo:				Photo:			
Point ID	L-BWG-08 BR			Point ID	L-BWG-08 BR		
NEZ	3478609.30	4744392.59	639.60				



523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-08
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-08 FA			Point ID	L-BWG-08 FA		
NEZ	3478560.87	4744469.79	644.94				
							
Photo:				Photo:			
Point ID	L-BWG-08 HG			Point ID	L-BWG-08 HG		
NEZ	3478801.76	4744355.92	640.38				
							



523 Wellington Way, Suite 375
 Lexington, KY 40503
 859-277-8700 voice 859-277-8901 fax

**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-BWG-08
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-BWG-08 UA		Point ID		L-BWG-08 UA	
NEZ	3478596.84	4744428.58	644.57				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-09
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Warren **QUAD:** Bowling Green South

OPERATOR: B. Novy

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3504203.95	ELEVATION	ELLIPSOID
EASTING:	4707624.78	586.19	486.66

RECEIVER MODEL: TRMR8_GNS
S
RECEIVER S/N: 4849161172

SESSION	DATE: 04/25/2014	START TIME: 15:21:39	X	UTC
KYVRS	DAY OF YEAR: 115	END TIME: 15:25:39		LOCAL

ANTENNA HEIGHT (SLANT)

MTRS/FT		
	MEASURED	FIXED HGT.

ANTENNA

RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)

MTRS/FT	2.000	Meters
	MEASURED	X FIXED HGT.

TOP OF MONUMENT IS:

X	FLUSH
	ABOVE GROUND
	BELOW GROUND

CL N END STOP BAR NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-09
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-09
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-09 BE			Point ID	L-BWG-09 BE		
NEZ	3504174.73	4707570.45	589.23				



Photo:				Photo:			
Point ID	L-BWG-09 BR			Point ID	L-BWG-09 BR		
NEZ	3504162.45	4707456.48	589.11				



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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-09
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-09 FA			Point ID	L-BWG-09 FA		
NEZ	3504180.21	4707400.64	589.60				
							
Photo:				Photo:			
Point ID	L-BWG-09 HG			Point ID	L-BWG-09 HG		
NEZ	3504006.01	4707853.81	600.10				
							





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-BWG-09
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-BWG-09 UA		Point ID		L-BWG-09 UA	
NEZ	3504186.19	4707539.09	588.50				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-BWG-10
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Warren	QUAD:	Bowling Green South
---------------	----	----------------	--------	--------------	---------------------

OPERATOR:	B. Novy	NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3483109.62	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4702524.26	580.84	481.65

SESSION	DATE:	04/25/2014	START TIME:	16:06:27	X	UTC
KYVRS	DAY OF YEAR:	115	END TIME:	16:10:17		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL SW END DR @ RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





GPS CONTROL SURVEY FIELD DATA SHEET
--

PAGE
2

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide





POINT ID:	L-BWG-10
Proj. No.:	7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide





AREA ID:	L-BWG-10
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-10 BE			Point ID	L-BWG-10 BE		
NEZ	3483157.41	4702493.83	578.66				
							
Photo:				Photo:			
Point ID	L-BWG-10 BR			Point ID	L-BWG-10 BR		
NEZ	3483156.95	4702525.72	579.31				
							

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Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-10
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-10 FA			Point ID	L-BWG-10 FA		
NEZ	3483106.71	4702554.25	581.65				
							
Photo:				Photo:			
Point ID	L-BWG-10 HG			Point ID	L-BWG-10 HG		
NEZ	3483059.73	4702584.60	583.96				
							



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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-BWG-10
Proj. No.: 7145-002

Photo:				Photo:			
Point ID	L-BWG-10 UA			Point ID	L-BWG-10 UA		
NEZ	3483127.47	4702542.53	580.49				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-BWG-11
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Warren	QUAD:	Bowling Green South
---------------	----	----------------	--------	--------------	---------------------

OPERATOR:	B. Novy	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09	
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3518021.15	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4719134.18	546.82	446.94

SESSION	DATE:	04/25/2014	START TIME:	14:30:27	X	UTC
KYVRS	DAY OF YEAR:	115	END TIME:	14:34:33		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

SE CNR CONC SLAB

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





GPS CONTROL SURVEY FIELD DATA SHEET
--

PAGE
2

523 Wellington Way, Suite 375
Lexington, KY 40503
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JOB REFERENCE
Kentucky Statewide

POINT ID:	L-BWG-11
Proj. No.:	7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-11
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-11 BE			Point ID	L-BWG-11 BE		
NEZ	3518088.06	4719154.17	547.05				






Photo:				Photo:			
Point ID	L-BWG-11 BR			Point ID	L-BWG-11 BR		
NEZ	3518219.59	4719326.99	550.31				



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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-11
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-11 FA			Point ID	L-BWG-11 FA		
NEZ	3518105.15	4719231.45	547.24				
							
Photo:				Photo:			
Point ID	L-BWG-11 HG			Point ID	L-BWG-11 HG		
NEZ	3518056.98	4719113.97	547.43				
							





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-BWG-11
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-BWG-11 UA		Point ID		L-BWG-11 UA	
NEZ	3517984.46	4719160.44	545.76				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-12
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Warren **QUAD:** Bowling Green North

OPERATOR: B. Novy

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3525874.41	ELEVATION	ELLIPSOID
EASTING:	4719063.23	471.26	371.20

RECEIVER MODEL: TRMR8_GNS S
RECEIVER S/N: 4849161172

SESSION	DATE: 04/25/2014	START TIME: 13:53:19	X	UTC
KYVRS	DAY OF YEAR: 115	END TIME: 13:57:16		LOCAL

ANTENNA HEIGHT (SLANT)

MTRS/FT		
	MEASURED	FIXED HGT.

ANTENNA

RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)

MTRS/FT	2.000	Meters
	MEASURED	X FIXED HGT.

TOP OF MONUMENT IS: X **FLUSH**

METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

NE CNR SW @ W EDGE DRIVE

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-12
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-12
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-12 BE			Point ID	L-BWG-12 BE		
NEZ	3525893.95	4718974.56	469.10				



Photo:				Photo:			
Point ID	L-BWG-12 BR			Point ID	L-BWG-12 BR		
NEZ	3525748.15	4719038.92	468.83				



523 Wellington Way, Suite 375
 Lexington, KY 40503
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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-12
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-12 FA			Point ID	L-BWG-12 FA		
NEZ	3525926.68	4719005.57	469.37				



Photo:				Photo:			
Point ID	L-BWG-12 HG			Point ID	L-BWG-12 HG		
NEZ	3525755.79	4719006.35	469.25				







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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-BWG-12
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-BWG-12 UA		Point ID		L-BWG-12 UA	
NEZ	3525806.69	4719045.82	471.41				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-BWG-13
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Butler	QUAD:	Quality
---------------	----	----------------	--------	--------------	---------

OPERATOR:	B. Novy	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09	
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3559537.21	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4618873.04	444.90	345.45

SESSION	DATE:	04/24/2014	START TIME:	16:53:25	<input checked="" type="checkbox"/>	UTC
KYVRS	DAY OF YEAR:	114	END TIME:	16:57:15		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	<input checked="" type="checkbox"/>	FIXED HGT.

TOP OF MONUMENT IS:	<input checked="" type="checkbox"/>	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL DR @ E RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	<input checked="" type="checkbox"/>	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-13
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-13
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-13 BE			Point ID	L-BWG-13 BE		
NEZ	3559515.30	4618899.52	443.27				



Photo:				Photo:			
Point ID	L-BWG-13 BR			Point ID	L-BWG-13 BR		
NEZ	3559691.48	4618827.33	453.02				



523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE Kentucky Statewide
--

AREA ID: L-BWG-13 Proj. No.: 7145-004
--

Photo:				Photo:			
Point ID	L-BWG-13 FA			Point ID	L-BWG-13 FA		
NEZ	3559636.64	4618761.59	458.74				



Photo:				Photo:			
Point ID	L-BWG-13 HG			Point ID	L-BWG-13 HG		
NEZ	3559650.25	4618827.70	452.64				







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 Lexington, KY 40503
 859-277-8700 voice 859-277-8901 fax

**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-BWG-13
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-BWG-13 UA		Point ID		L-BWG-13 UA	
NEZ	3559742.24	4618849.52	455.61				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-BWG-14
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Logan	QUAD:	South Union
---------------	----	----------------	-------	--------------	-------------

OPERATOR:	B. Novy
------------------	---------

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3514887.67	ELEVATION	ELLIPSOID
EASTING:	4640248.33	557.34	458.34

RECEIVER MODEL:	TRMR8_GNS S
------------------------	----------------

RECEIVER S/N:	4849161172
----------------------	------------

SESSION
KYVRS

DATE:	04/24/2014
DAY OF YEAR:	114

START TIME:	20:22:30
END TIME:	20:26:17

X	UTC
	LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL DR @ N RD EDGE

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-14
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-14
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-14 BE			Point ID	L-BWG-14 BE		
NEZ	3515297.06	4639918.98	538.28				



Photo:				Photo:			
Point ID	L-BWG-14 BR			Point ID	L-BWG-14 BR		
NEZ	3515290.89	4639822.33	536.94				



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Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-14
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-14 FA			Point ID	L-BWG-14 FA		
NEZ	3515331.77	4639845.47	534.58				



Photo:				Photo:			
Point ID	L-BWG-14 HG			Point ID	L-BWG-14 HG		
NEZ	3515245.19	4639865.03	540.34				







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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-BWG-14
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-BWG-14 UA		Point ID		L-BWG-14 UA	
NEZ	3515296.96	4639846.77	536.65				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-15
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Butler **QUAD:** Sugar Grove

OPERATOR: B. Novy

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3535785.26	ELEVATION	ELLIPSOID
EASTING:	4652104.62	629.02	529.44

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 04/24/2014
DAY OF YEAR: 114

START TIME: 16:07:34
END TIME: 16:11:38

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)

MTRS/FT	MEASURED	FIXED HGT.

ANTENNA

RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)

MTRS/FT	2.000	Meters
	MEASURED	X FIXED HGT.

TOP OF MONUMENT IS: X **FLUSH**

METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL DR @ E RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-15
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-15
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-15 BE			Point ID	L-BWG-15 BE		
NEZ	3535747.30	4652135.37	629.22				



Photo:				Photo:			
Point ID	L-BWG-15 BR			Point ID	L-BWG-15 BR		
NEZ	3535839.87	4652074.67	629.55				



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Lexington, KY 40503
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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-15
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-15 FA			Point ID	L-BWG-15 FA		
NEZ	3535764.26	4652023.68	631.86				
							
Photo:				Photo:			
Point ID	L-BWG-15 HG			Point ID	L-BWG-15 HG		
NEZ	3535647.51	4652023.32	632.59				
							



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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-BWG-15
Proj. No.: 7145-002

Photo:				Photo:			
Point ID	L-BWG-15 UA			Point ID	L-BWG-15 UA		
NEZ	3535777.27	4652174.14	628.39				



Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-16
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Logan **QUAD:** Quality

OPERATOR: B. Novy

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3531754.41	ELEVATION	ELLIPSOID
EASTING:	4615026.96	633.72	534.95

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 04/24/2014
DAY OF YEAR: 114

START TIME: 18:55:40
END TIME: 19:06:44

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)

MTRS/FT	MEASURED	FIXED HGT.

ANTENNA

RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)

MTRS/FT	2.000	Meters
	MEASURED	X FIXED HGT.

TOP OF MONUMENT IS: X **FLUSH**

METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

NW RD EDGE @ COLOR CH NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-16
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-16
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-16 BE			Point ID	L-BWG-16 BE		
NEZ	3531717.97	4615020.60	631.86				







Photo:				Photo:			
Point ID	L-BWG-16 BR			Point ID	L-BWG-16 BR		
NEZ	3531796.43	4615067.04	634.55				



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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-16
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-16 FA			Point ID	L-BWG-16 FA		
NEZ	3531783.41	4614994.02	637.12				
							
Photo:				Photo:			
Point ID	L-BWG-16 HG			Point ID	L-BWG-16 HG		
NEZ	3531770.20	4615127.26	629.49				
							





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-BWG-16
Proj. No.: 7145-002

Photo:				Photo:			
Point ID	L-BWG-16 UA			Point ID	L-BWG-16 UA		
NEZ	3531743.21	4614961.86	634.68				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-BWG-17
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Warren	QUAD:	Hadley
---------------	----	----------------	--------	--------------	--------

OPERATOR:	B. Novy	NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3531605.34	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4685963.14	466.30	366.38

SESSION	DATE:	04/25/2014	START TIME:	12:38:26	<input checked="" type="checkbox"/>	UTC
KYVRS	DAY OF YEAR:	115	END TIME:	12:42:40		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	<input checked="" type="checkbox"/>	FIXED HGT.

TOP OF MONUMENT IS:	<input checked="" type="checkbox"/>	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

NE CNR DR @ PVMT CHANGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	<input checked="" type="checkbox"/>	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-17
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-17
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-17 BE			Point ID	L-BWG-17 BE		
NEZ	3531534.41	4685992.61	467.13				



Photo:				Photo:			
Point ID	L-BWG-17 BR			Point ID	L-BWG-17 BR		
NEZ	3531660.07	4685905.58	459.51				



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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-17
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-17 FA			Point ID	L-BWG-17 FA		
NEZ	3531570.65	4685943.54	464.29				



Photo:				Photo:			
Point ID	L-BWG-17 HG			Point ID	L-BWG-17 HG		
NEZ	3531631.40	4686010.73	469.87				





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-BWG-17
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-BWG-17 UA		Point ID		L-BWG-17 UA	
NEZ	3531594.91	4685924.16	463.56				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-BWG-18
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Warren	QUAD:	Hadley
---------------	----	----------------	--------	--------------	--------

OPERATOR:	B. Novy
------------------	---------

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3538292.15	ELEVATION	ELLIPSOID
EASTING:	4678987.22	451.92	351.90

RECEIVER MODEL:	TRMR8_GNS S
------------------------	----------------

RECEIVER S/N:	4849161172
----------------------	------------

SESSION
KYVRS

DATE:	04/25/2014
DAY OF YEAR:	115

START TIME:	13:10:33
END TIME:	13:14:24

X	UTC
	LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

SE CNR DR @ PVMT CHANGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-18
Proj. No.: 7145-004





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Lexington, KY 40503
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Photo:	Photo:
Photo:	Photo:

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Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-18
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-18 BE			Point ID	L-BWG-18 BE		
NEZ	3538412.90	4678998.38	453.11				
							
Photo:				Photo:			
Point ID	L-BWG-18 BR			Point ID	L-BWG-18 BR		
NEZ	3538333.51	4678956.69	448.77				
							

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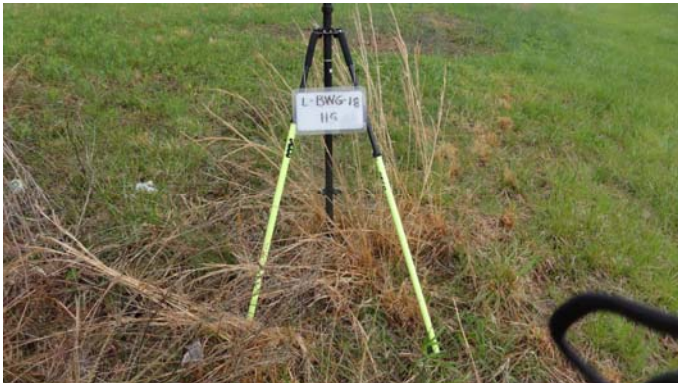
JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-18
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-18 FA			Point ID	L-BWG-18 FA		
NEZ	3538350.71	4679011.27	451.14				



Photo:				Photo:			
Point ID	L-BWG-18 HG			Point ID	L-BWG-18 HG		
NEZ	3538081.15	4679115.08	457.44				







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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-BWG-18
Proj. No.: 7145-002

Photo:				Photo:			
Point ID	L-BWG-18 UA			Point ID	L-BWG-18 UA		
NEZ	3538300.31	4678964.66	449.39				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-19
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Butler **QUAD:** Morgantown

OPERATOR: B. Novy

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3583512.31	ELEVATION	ELLIPSOID
EASTING:	4650546.05	435.03	334.32

RECEIVER MODEL: TRMR8_GNS
S
RECEIVER S/N: 4849161172

SESSION	DATE: 04/23/2014	START TIME: 20:41:44	X	UTC
KYVRS	DAY OF YEAR: 113	END TIME: 20:45:57		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL W EDGE DR @ E RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-19
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-19
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-19 BE			Point ID	L-BWG-19 BE		
NEZ	3583566.13	4650537.91	433.59				







Photo:				Photo:			
Point ID	L-BWG-19 BR			Point ID	L-BWG-19 BR		
NEZ	3583842.14	4650695.91	438.24				



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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-19
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-19 FA			Point ID	L-BWG-19 FA		
NEZ	3583778.74	4650724.12	444.92				
							
Photo:				Photo:			
Point ID	L-BWG-19 HG			Point ID	L-BWG-19 HG		
NEZ	3583592.92	4650786.48	453.21				
							



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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-BWG-19
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-BWG-19 UA		Point ID		L-BWG-19 UA	
NEZ	3583682.20	4650521.82	432.47				



Photo:				Photo:			
Point ID				Point ID			
NEZ							





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-20
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Warren **QUAD:** Bristow

OPERATOR: B. Novy

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3540003.56	ELEVATION	ELLIPSOID
EASTING:	4745988.97	524.49	423.97

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 04/24/2014
DAY OF YEAR: 114

START TIME: 13:24:00
END TIME: 13:27:56

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:		
	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL GRVL RD @ E RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-20
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-20
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-20 BE			Point ID	L-BWG-20 BE		
NEZ	3539985.39	4746098.33	522.80				



Photo:				Photo:			
Point ID	L-BWG-20 BR			Point ID	L-BWG-20 BR		
NEZ	3540050.00	4746157.86	526.18				



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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-20
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-20 FA			Point ID	L-BWG-20 FA		
NEZ	3540035.30	4746122.79	525.48				



Photo:				Photo:			
Point ID	L-BWG-20 HG			Point ID	L-BWG-20 HG		
NEZ	3540118.76	4746016.74	529.02				





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-BWG-20
Proj. No.: 7145-002

Photo:				Photo:			
Point ID	L-BWG-20 UA			Point ID	L-BWG-20 UA		
NEZ	3540016.76	4745959.24	524.97				
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-21
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Warren	QUAD:	Polkville
---------------	----	----------------	--------	--------------	-----------

OPERATOR:	B. Novy	NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3513567.91	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4758067.66	555.05	455.04

SESSION	DATE:	04/30/2014	START TIME:	14:32:09	X	UTC
KYVRS	DAY OF YEAR:	120	END TIME:	14:35:57		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL WALK @ E EDGE PARK LOT

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-21
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
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Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-21
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-21 BE			Point ID	L-BWG-21 BE		
NEZ	3513643.73	4758084.79	552.16				



Photo:				Photo:			
Point ID	L-BWG-21 BR			Point ID	L-BWG-21 BR		
NEZ	3513423.94	4757939.36	551.60				



523 Wellington Way, Suite 375
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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-21
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-21 FA			Point ID	L-BWG-21 FA		
NEZ	3513476.72	4757955.99	552.47				



Photo:				Photo:			
Point ID	L-BWG-21 HG			Point ID	L-BWG-21 HG		
NEZ	3513926.81	4758006.55	552.08				







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 859-277-8700 voice 859-277-8901 fax

**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-BWG-21
Proj. No.: 7145-002

Photo:				Photo:			
Point ID	L-BWG-21 UA			Point ID	L-BWG-21 UA		
NEZ	3513462.90	4757996.56	553.47				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-22
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Warren **QUAD:** Polkville

OPERATOR: B. Novy

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3491959.07	ELEVATION	ELLIPSOID
EASTING:	4772442.51	569.70	470.07

RECEIVER MODEL: TRMR8_GNS
S
RECEIVER S/N: 4849161172

SESSION	DATE: 04/30/2014	START TIME: 13:52:10	X	UTC
KYVRS	DAY OF YEAR: 120	END TIME: 13:55:58		LOCAL

ANTENNA HEIGHT (SLANT)

MTRS/FT		
	MEASURED	FIXED HGT.

ANTENNA

RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)

MTRS/FT	2.000	Meters
	MEASURED	X FIXED HGT.

TOP OF MONUMENT IS: X **FLUSH**

METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL DR @ N RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-22
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-22
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-22 BE			Point ID	L-BWG-22 BE		
NEZ	3491967.81	4772327.16	573.32				



Photo:				Photo:			
Point ID	L-BWG-22 BR			Point ID	L-BWG-22 BR		
NEZ	3492044.01	4772374.36	566.25				



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Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-22
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-22 FA			Point ID	L-BWG-22 FA		
NEZ	3492109.86	4772465.30	558.68				



Photo:				Photo:			
Point ID	L-BWG-22 HG			Point ID	L-BWG-22 HG		
NEZ	3492038.27	4772239.05	574.82				





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

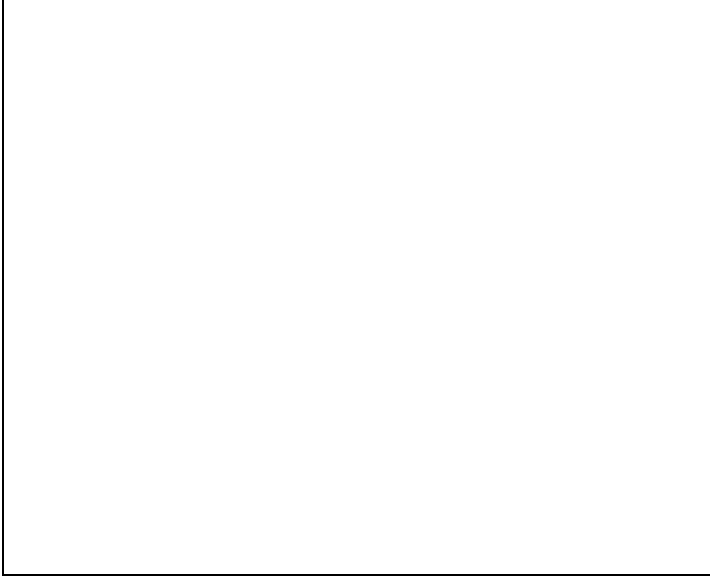
JOB REFERENCE
 Kentucky Statewide

AREA ID: L-BWG-22
Proj. No.: 7145-002

Photo:				Photo:			
Point ID	L-BWG-22 UA			Point ID	L-BWG-22 UA		
NEZ	3492022.33	4772478.00	565.29				



Photo:				Photo:			
Point ID				Point ID			
NEZ							





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-23
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Warren **QUAD:** Meador

OPERATOR: B. Novy

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3514609.88	ELEVATION	ELLIPSOID
EASTING:	4791758.57	631.17	530.98

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 04/30/2014
DAY OF YEAR: 120

START TIME: 15:14:44
END TIME: 15:18:32

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)

MTRS/FT	MEASURED	FIXED HGT.

ANTENNA

RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)

MTRS/FT	2.000	Meters
	MEASURED	X FIXED HGT.

TOP OF MONUMENT IS: X **FLUSH**

METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

NE CNR DR @ COLOR CHANGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-23
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-23
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-23 BE			Point ID	L-BWG-23 BE		
NEZ	3514595.51	4791857.07	632.48				







Photo:				Photo:			
Point ID	L-BWG-23 BR			Point ID	L-BWG-23 BR		
NEZ	3514524.19	4791834.39	628.48				



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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-23
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-23 FA			Point ID	L-BWG-23 FA		
NEZ	3514492.02	4791936.78	626.60				
							
Photo:				Photo:			
Point ID	L-BWG-23 HG			Point ID	L-BWG-23 HG		
NEZ	3514475.69	4791729.19	631.10				
							





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-BWG-23
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-BWG-23 UA		Point ID		L-BWG-23 UA	
NEZ	3514569.98	4791801.35	632.83				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-24
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Warren **QUAD:** Smiths Grove

OPERATOR: B. Novy

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3535371.91	ELEVATION	ELLIPSOID
EASTING:	4778169.69	601.91	501.34

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 04/24/2014
DAY OF YEAR: 114

START TIME: 12:45:11
END TIME: 12:49:06

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)

MTRS/FT	MEASURED	FIXED HGT.

ANTENNA

RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)

MTRS/FT	2.000	Meters
	MEASURED	X FIXED HGT.

TOP OF MONUMENT IS: X **FLUSH**

METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL E EDGE STOP BAR NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





GPS CONTROL SURVEY FIELD DATA SHEET
--

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JOB REFERENCE
Kentucky Statewide

POINT ID:	L-BWG-24
Proj. No.:	7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-24
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-24 BE			Point ID	L-BWG-24 BE		
NEZ	3535279.59	4778297.33	601.11				



Photo:				Photo:			
Point ID	L-BWG-24 BR			Point ID	L-BWG-24 BR		
NEZ	3535308.07	4778249.97	601.99				



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JOB REFERENCE Kentucky Statewide
--

AREA ID: L-BWG-24 Proj. No.: 7145-004
--

Photo:				Photo:			
Point ID	L-BWG-24 FA			Point ID	L-BWG-24 FA		
NEZ	3535237.25	4778166.54	602.63				
							
Photo:				Photo:			
Point ID	L-BWG-24 HG			Point ID	L-BWG-24 HG		
NEZ	3535276.61	4778217.84	602.11				
							



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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-BWG-24
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-BWG-24 UA		Point ID		L-BWG-24 UA	
NEZ	3535359.16	4778230.24	601.85				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-25
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Warren **QUAD:** Bowling Green North

OPERATOR: B. Novy

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3549602.41	ELEVATION	ELLIPSOID
EASTING:	4719808.07	509.45	408.86

RECEIVER MODEL: TRMR8_GNS
S
RECEIVER S/N: 4849161172

SESSION	DATE: 04/24/2014	START TIME: 14:06:33	X	UTC
KYVRS	DAY OF YEAR: 114	END TIME: 14:10:35		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL W EDGE DR @ E RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-25
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

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Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-25
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-25 BE			Point ID	L-BWG-25 BE		
NEZ	3549643.96	4719860.88	507.30				







Photo:				Photo:			
Point ID	L-BWG-25 BR			Point ID	L-BWG-25 BR		
NEZ	3549793.07	4719890.54	516.15				



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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-25
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-25 FA			Point ID	L-BWG-25 FA		
NEZ	3549737.24	4719891.64	514.52				
							
Photo:				Photo:			
Point ID	L-BWG-25 HG			Point ID	L-BWG-25 HG		
NEZ	3549850.72	4719894.00	517.09				
							



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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

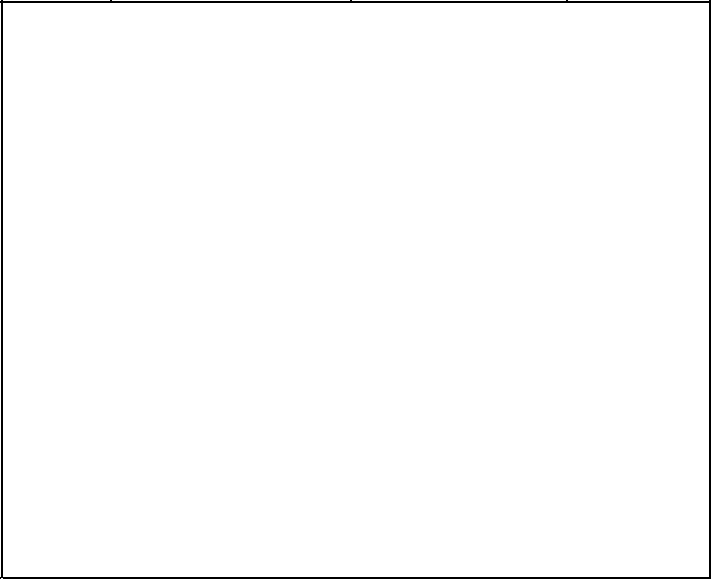
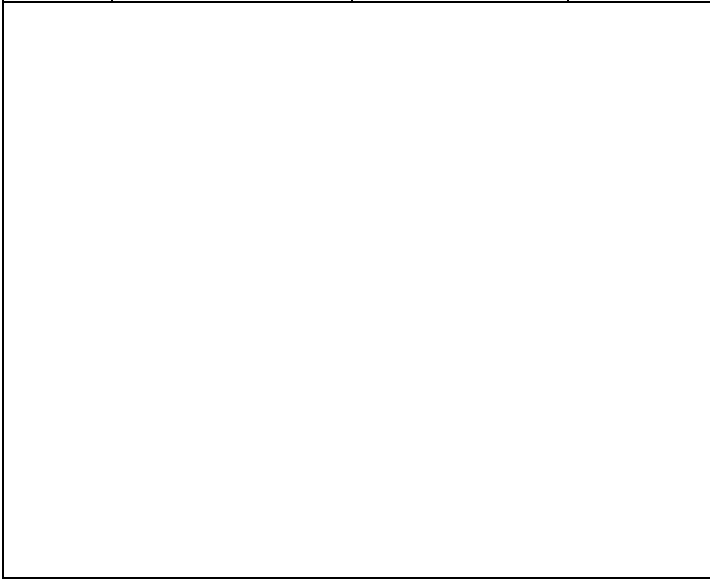
JOB REFERENCE
 Kentucky Statewide

AREA ID: L-BWG-25
Proj. No.: 7145-002

Photo:				Photo:			
Point ID	L-BWG-25 UA			Point ID	L-BWG-25 UA		
NEZ	3549595.95	4719915.22	516.36				



Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-BWG-26
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Warren	QUAD:	Reddyville
---------------	----	----------------	--------	--------------	------------

OPERATOR:	B. Novy
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	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3580018.61	ELEVATION	ELLIPSOID
EASTING:	4729613.69	429.75	328.35

RECEIVER MODEL:	TRMR8_GNS S
RECEIVER S/N:	4849161172

SESSION
KYVRS

DATE:	04/23/2014
DAY OF YEAR:	113

START TIME:	15:28:16
END TIME:	15:32:49

X	UTC
	LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

S CORNER MEDIAN NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





GPS CONTROL SURVEY FIELD DATA SHEET
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523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-BWG-26
Proj. No.:	7145-004

Photo:	Photo:
Photo:	Photo:

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 Lexington, KY 40503
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JOB REFERENCE Kentucky Statewide
--

AREA ID:	L-BWG-26
Proj. No.:	7145-004



Photo:				Photo:			
Point ID	L-BWG-26 BE			Point ID	L-BWG-26 BE		
NEZ	3579946.07	4729578.27	433.16				



Photo:				Photo:			
Point ID	L-BWG-26 BR			Point ID	L-BWG-26 BR		
NEZ	3579998.94	4729670.54	427.76				



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Photo:				Photo:			
Point ID	L-BWG-26 FA			Point ID	L-BWG-26 FA		
NEZ	3579932.85	4729642.49	429.23				
							
Photo:				Photo:			
Point ID	L-BWG-26 HG			Point ID	L-BWG-26 HG		
NEZ	3580068.99	4729717.03	428.05				
							



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 Lexington, KY 40503
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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

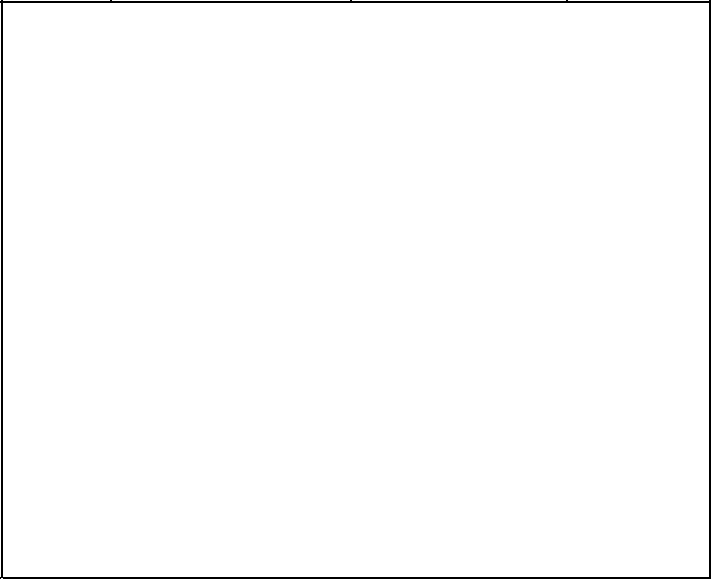
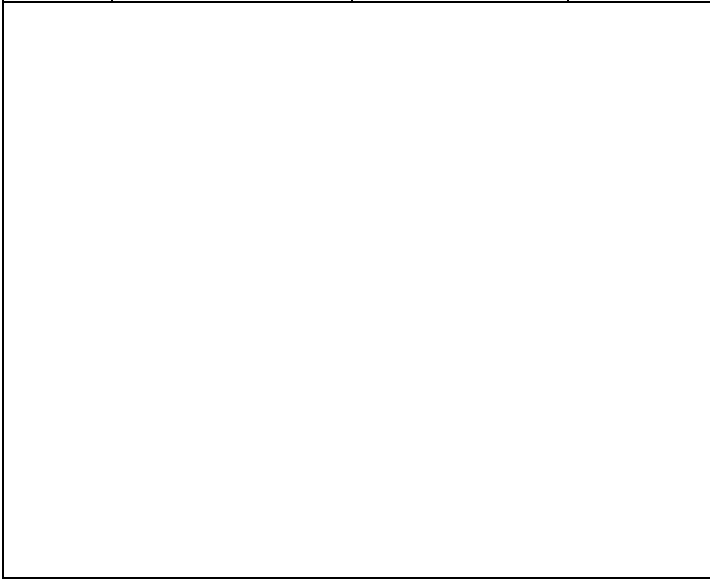
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 Kentucky Statewide

AREA ID: L-BWG-26
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-BWG-26 UA		Point ID		L-BWG-26 UA	
NEZ	3579922.37	4729558.49	436.89				



Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-BWG-27
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Edmonson	QUAD:	Bristow
---------------	----	----------------	----------	--------------	---------

OPERATOR:	B. Novy	NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3563959.35	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4755621.76	662.68	561.58

SESSION	DATE:	04/23/2014	START TIME:	14:30:54	<input checked="" type="checkbox"/>	UTC
KYVRS	DAY OF YEAR:	113	END TIME:	14:34:46		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	<input checked="" type="checkbox"/>	FIXED HGT.

TOP OF MONUMENT IS:	<input checked="" type="checkbox"/>	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL GRVL DR @ E RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	<input checked="" type="checkbox"/>	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





GPS CONTROL SURVEY FIELD DATA SHEET
--

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Lexington, KY 40503
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JOB REFERENCE
Kentucky Statewide

POINT ID:	L-BWG-27
Proj. No.:	7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-27
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-27 BE			Point ID	L-BWG-27 BE		
NEZ	3564017.21	4755538.73	660.37				



Photo:				Photo:			
Point ID	L-BWG-27 BR			Point ID	L-BWG-27 BR		
NEZ	3564057.23	4755584.58	661.72				



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859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-27
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-27 FA			Point ID	L-BWG-27 FA		
NEZ	3563956.32	4755669.09	664.15				



Photo:				Photo:			
Point ID	L-BWG-27 HG			Point ID	L-BWG-27 HG		
NEZ	3564015.27	4755607.61	665.93				







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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-BWG-27
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-BWG-27 UA		Point ID		L-BWG-27 UA	
NEZ	3564068.52	4755546.40	657.13				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-28
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Warren **QUAD:** Riverside

OPERATOR: B. Novy

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3573694.12	ELEVATION	ELLIPSOID
EASTING:	4696920.32	580.61	479.56

RECEIVER MODEL: TRMR8_GNS
S
RECEIVER S/N: 4849161172

SESSION	DATE: 04/24/2014	START TIME: 14:50:18	X	UTC
KYVRS	DAY OF YEAR: 114	END TIME: 14:54:17		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL RD @ S RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





GPS CONTROL SURVEY FIELD DATA SHEET
--

PAGE
2

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JOB REFERENCE
Kentucky Statewide





POINT ID:	L-BWG-28
Proj. No.:	7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
 Lexington, KY 40503
 859-277-8700 voice 859-277-8901 fax

JOB REFERENCE Kentucky Statewide
--

AREA ID:	L-BWG-28
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-28 BE			Point ID	L-BWG-28 BE		
NEZ	3573659.50	4697029.02	582.96				
							
Photo:				Photo:			
Point ID	L-BWG-28 BR			Point ID	L-BWG-28 BR		
NEZ	3573749.21	4696793.64	578.89				
							

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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-28
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-28 FA			Point ID	L-BWG-28 FA		
NEZ	3573650.44	4696924.62	577.72				



Photo:				Photo:			
Point ID	L-BWG-28 HG			Point ID	L-BWG-28 HG		
NEZ	3573732.52	4696976.28	583.74				





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-BWG-28
Proj. No.: 7145-002

Photo:				Photo:			
Point ID	L-BWG-28 UA			Point ID	L-BWG-28 UA		
NEZ	3573724.68	4697046.39	588.24				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-29
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Butler **QUAD:** Riverside

OPERATOR: B. Novy

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3609019.99	ELEVATION	ELLIPSOID
EASTING:	4673463.08	685.95	584.39

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 04/23/2014
DAY OF YEAR: 113

START TIME: 19:46:31
END TIME: 19:50:48

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:		
	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL W EDGE DR @ E RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-29
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-29
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-29 BE			Point ID	L-BWG-29 BE		
NEZ	3609039.29	4673493.58	683.99				



Photo:				Photo:			
Point ID	L-BWG-29 BR			Point ID	L-BWG-29 BR		
NEZ	3609098.47	4673508.08	682.77				



523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-29
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-29 FA			Point ID	L-BWG-29 FA		
NEZ	3609260.98	4673518.65	677.82				



Photo:				Photo:			
Point ID	L-BWG-29 HG			Point ID	L-BWG-29 HG		
NEZ	3609156.30	4673503.76	682.46				





523 Wellington Way, Suite 375
 Lexington, KY 40503
 859-277-8700 voice 859-277-8901 fax

**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

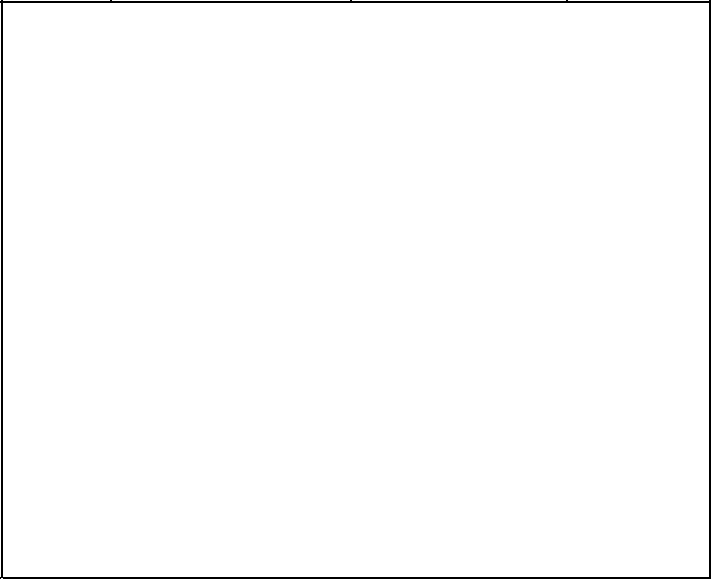
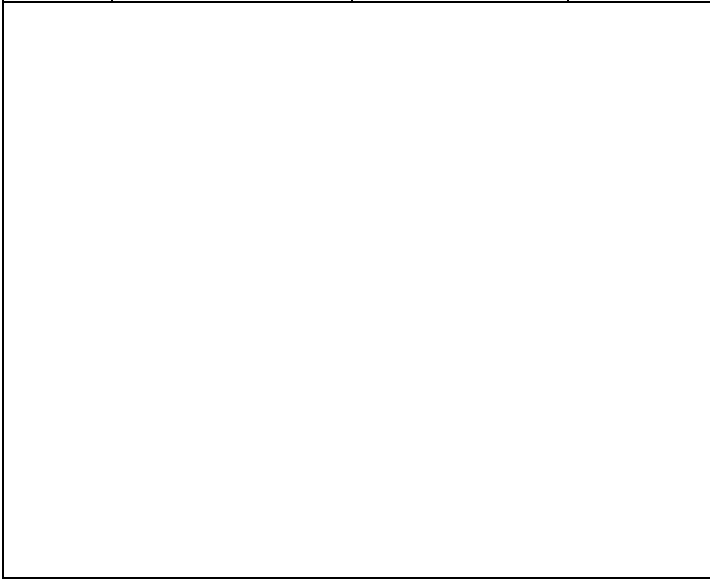
JOB REFERENCE
 Kentucky Statewide

AREA ID: L-BWG-29
Proj. No.: 7145-002

Photo:				Photo:			
Point ID	L-BWG-29 UA			Point ID	L-BWG-29 UA		
NEZ	3609260.32	4673478.36	682.84				



Photo:				Photo:			
Point ID				Point ID			
NEZ							





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-30
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Butler **QUAD:** Riverside

OPERATOR: B. Novy

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3614982.65	ELEVATION	ELLIPSOID
EASTING:	4692752.53	639.39	537.60

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 04/23/2014
DAY OF YEAR: 113

START TIME: 18:41:47
END TIME: 18:45:37

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL GRVL RD @ NEW RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-30
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-30
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-30 BE			Point ID	L-BWG-30 BE		
NEZ	3615035.54	4692667.67	634.95				

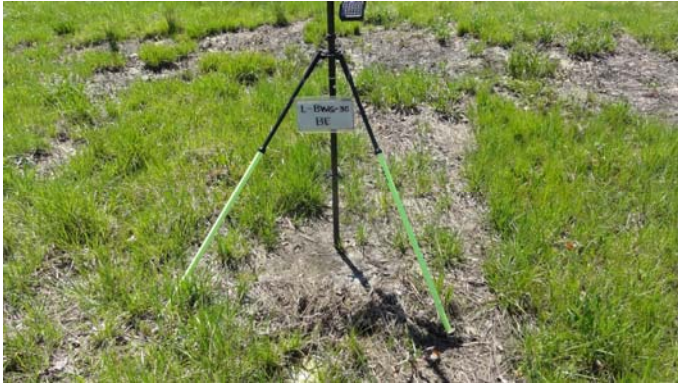


Photo:				Photo:			
Point ID	L-BWG-30 BR			Point ID	L-BWG-30 BR		
NEZ	3614983.04	4692719.09	634.68				



523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-30
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-30 FA			Point ID	L-BWG-30 FA		
NEZ	3614980.88	4692633.75	635.92				
							
Photo:				Photo:			
Point ID	L-BWG-30 HG			Point ID	L-BWG-30 HG		
NEZ	3615001.60	4692459.95	639.63				
							





523 Wellington Way, Suite 375
 Lexington, KY 40503
 859-277-8700 voice 859-277-8901 fax

**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-BWG-30
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-BWG-30 UA		Point ID		L-BWG-30 UA	
NEZ	3615014.21	4692748.21	636.72				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-BWG-31
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Butler	QUAD:	Welchs Creek
---------------	----	----------------	--------	--------------	--------------

OPERATOR:	B. Novy	NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3626922.61	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4698216.63	671.21	569.25

SESSION	DATE:	04/23/2014	START TIME:	17:08:41	<input checked="" type="checkbox"/>	UTC
KYVRS	DAY OF YEAR:	113	END TIME:	17:12:42		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	<input checked="" type="checkbox"/>	FIXED HGT.

TOP OF MONUMENT IS:	<input checked="" type="checkbox"/>	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

SE RD EDGE @ COLOR CH NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	<input checked="" type="checkbox"/>	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





GPS CONTROL SURVEY FIELD DATA SHEET
--

PAGE
2

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-BWG-31
Proj. No.:	7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
 Lexington, KY 40503
 859-277-8700 voice 859-277-8901 fax

JOB REFERENCE Kentucky Statewide
--

AREA ID:	L-BWG-31
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-31 BE			Point ID	L-BWG-31 BE		
NEZ	3626925.76	4698104.51	672.73				



Photo:				Photo:			
Point ID	L-BWG-31 BR			Point ID	L-BWG-31 BR		
NEZ	3626910.99	4698312.97	670.65				



523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-31
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-31 FA			Point ID	L-BWG-31 FA		
NEZ	3626854.14	4698313.49	669.30				



Photo:				Photo:			
Point ID	L-BWG-31 HG			Point ID	L-BWG-31 HG		
NEZ	3626881.06	4697951.31	677.23				







523 Wellington Way, Suite 375
 Lexington, KY 40503
 859-277-8700 voice 859-277-8901 fax

**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-BWG-31
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-BWG-31 UA		Point ID		L-BWG-31 UA	
NEZ	3626885.02	4698075.99	670.70				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-32
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Edmonson	QUAD:	Reddyville
---------------	----	----------------	----------	--------------	------------

OPERATOR:	B. Novy	NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3611941.31	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4723165.93	480.64	378.73

SESSION	DATE:	04/23/2014	START TIME:	16:11:18	X	UTC
KYVRS	DAY OF YEAR:	113	END TIME:	16:15:15		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

NW RD EDGE @ COLOR CH NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-32
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-32
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-32 BE			Point ID	L-BWG-32 BE		
NEZ	3611911.63	4723214.41	484.86				



Photo:				Photo:			
Point ID	L-BWG-32 BR			Point ID	L-BWG-32 BR		
NEZ	3611909.01	4723183.65	481.63				



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Lexington, KY 40503
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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-32
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-32 FA			Point ID	L-BWG-32 FA		
NEZ	3611961.50	4723248.55	490.43				



Photo:				Photo:			
Point ID	L-BWG-32 HG			Point ID	L-BWG-32 HG		
NEZ	3611836.45	4723193.71	477.64				







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 Lexington, KY 40503
 859-277-8700 voice 859-277-8901 fax

**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-BWG-32
Proj. No.: 7145-002

Photo:				Photo:			
Point ID	L-BWG-32 UA			Point ID	L-BWG-32 UA		
NEZ	3611939.68	4723258.87	487.90				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-BWG-33
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Edmonson	QUAD:	Rhoda
---------------	----	----------------	----------	--------------	-------

OPERATOR:	B. Novy
------------------	---------

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3575900.90	ELEVATION	ELLIPSOID
EASTING:	4781344.10	629.68	528.26

RECEIVER MODEL:	TRMR8_GNS S
RECEIVER S/N:	4849161172

SESSION
KYVRS

DATE:	04/23/2014
DAY OF YEAR:	113

START TIME:	13:46:35
END TIME:	13:50:45

X	UTC
	LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL DRIVE ENT @ RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-33
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-33
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-33 BE			Point ID	L-BWG-33 BE		
NEZ	3575850.51	4781348.45	629.60				



Photo:				Photo:			
Point ID	L-BWG-33 BR			Point ID	L-BWG-33 BR		
NEZ	3575541.67	4781372.84	640.79				



523 Wellington Way, Suite 375
 Lexington, KY 40503
 859-277-8700 voice 859-277-8901 fax

JOB REFERENCE Kentucky Statewide
--

AREA ID:	L-BWG-33
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-33 FA			Point ID	L-BWG-33 FA		
NEZ	3575947.01	4781392.02	634.98				
							
Photo:				Photo:			
Point ID	L-BWG-33 HG			Point ID	L-BWG-33 HG		
NEZ	3575896.30	4781379.98	633.96				
							



523 Wellington Way, Suite 375
 Lexington, KY 40503
 859-277-8700 voice 859-277-8901 fax

**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-BWG-33
Proj. No.: 7145-002

Photo:				Photo:			
Point ID	L-BWG-33 UA			Point ID	L-BWG-33 UA		
NEZ	3575783.04	4781336.60	631.71				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-BWG-34
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Barren	QUAD:	Park City
---------------	----	----------------	--------	--------------	-----------

OPERATOR:	B. Novy
------------------	---------

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3546618.09	ELEVATION	ELLIPSOID
EASTING:	4828820.88	638.19	536.76

RECEIVER MODEL:	TRMR8_GNS S
------------------------	----------------

RECEIVER S/N:	4849161172
----------------------	------------

SESSION
KYVRS

DATE:	04/23/2014
DAY OF YEAR:	113

START TIME:	12:52:57
END TIME:	12:57:06

X	UTC
	LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

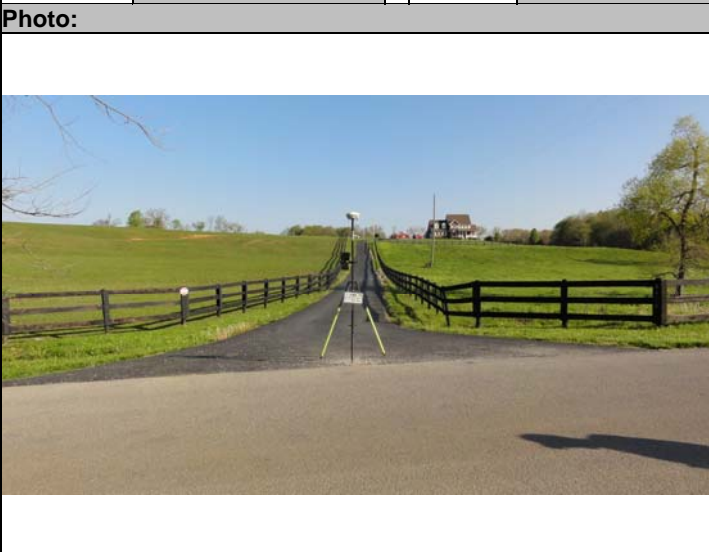
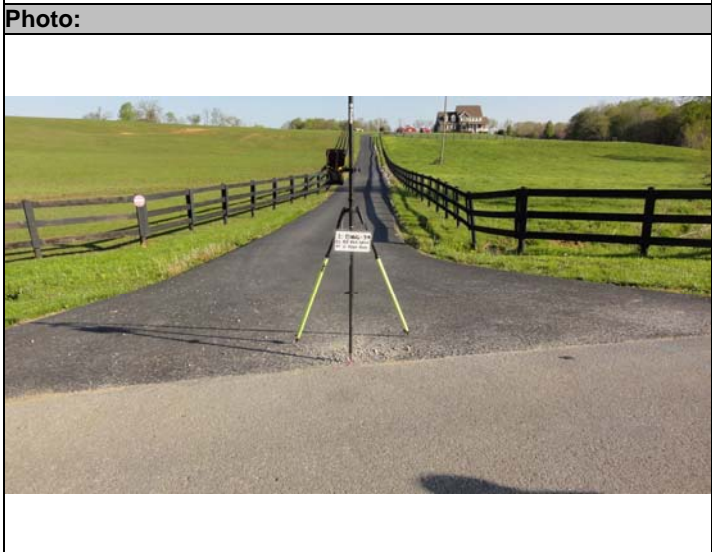
ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL SW END DR @ N RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-BWG-34
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-34
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-34 BE			Point ID	L-BWG-34 BE		
NEZ	3546639.89	4828847.97	637.75				



Photo:				Photo:			
Point ID	L-BWG-34 BR			Point ID	L-BWG-34 BR		
NEZ	3546634.70	4828941.29	647.15				



523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-BWG-34
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-BWG-34 FA			Point ID	L-BWG-34 FA		
NEZ	3546513.67	4828741.28	639.08				



Photo:				Photo:			
Point ID	L-BWG-34 HG			Point ID	L-BWG-34 HG		
NEZ	3546360.29	4828601.01	638.96				






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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-BWG-34
Proj. No.: 7145-002

Photo:				Photo:			
Point ID	L-BWG-34 UA			Point ID	L-BWG-34 UA		
NEZ	3546645.43	4828894.34	639.95				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-EKX-01
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Taylor	QUAD:	Salmoa
---------------	----	----------------	--------	--------------	--------

OPERATOR:	B. Novy	NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3693756.05	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	5004321.69	1011.32	904.28

SESSION	DATE:	04/16/2014	START TIME:	13:12:41	<input checked="" type="checkbox"/>	UTC
KYVRS	DAY OF YEAR:	106	END TIME:	13:17:07		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	<input checked="" type="checkbox"/>	FIXED HGT.

TOP OF MONUMENT IS:	<input checked="" type="checkbox"/>	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL DRIVE @ EDGE RD NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	<input checked="" type="checkbox"/>	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-EKX-01
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-EKX-01
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-EKX-01 BE			Point ID	L-EKX-01 BE		
NEZ	3693758.86	5004470.63	1027.64				







Photo:				Photo:			
Point ID	L-EKX-01 BR			Point ID	L-EKX-01 BR		
NEZ	3694369.04	5007087.61	1013.11				



523 Wellington Way, Suite 375
 Lexington, KY 40503
 859-277-8700 voice 859-277-8901 fax

JOB REFERENCE Kentucky Statewide
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AREA ID: L-EKX-01
Proj. No.: 7145-004

Photo: <table border="1"> <tr> <td style="text-align: center;">Point ID</td> <td colspan="3" style="text-align: center;">L-EKX-01 FA</td> </tr> <tr> <td style="text-align: center;">NEZ</td> <td style="text-align: center;">3693819.39</td> <td style="text-align: center;">5004398.99</td> <td style="text-align: center;">1021.78</td> </tr> </table>				Point ID	L-EKX-01 FA			NEZ	3693819.39	5004398.99	1021.78	Photo: <table border="1"> <tr> <td style="text-align: center;">Point ID</td> <td colspan="3" style="text-align: center;">L-EKX-01 FA</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>				Point ID	L-EKX-01 FA						
Point ID	L-EKX-01 FA																						
NEZ	3693819.39	5004398.99	1021.78																				
Point ID	L-EKX-01 FA																						
																							
Photo: <table border="1"> <tr> <td style="text-align: center;">Point ID</td> <td colspan="3" style="text-align: center;">L-EKX-01 HG</td> </tr> <tr> <td style="text-align: center;">NEZ</td> <td style="text-align: center;">3694322.57</td> <td style="text-align: center;">5007157.45</td> <td style="text-align: center;">1015.09</td> </tr> </table>				Point ID	L-EKX-01 HG			NEZ	3694322.57	5007157.45	1015.09	Photo: <table border="1"> <tr> <td style="text-align: center;">Point ID</td> <td colspan="3" style="text-align: center;">L-EKX-01 HG</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>				Point ID	L-EKX-01 HG						
Point ID	L-EKX-01 HG																						
NEZ	3694322.57	5007157.45	1015.09																				
Point ID	L-EKX-01 HG																						
																							





523 Wellington Way, Suite 375
 Lexington, KY 40503
 859-277-8700 voice 859-277-8901 fax

**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-EKX-01
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-EKX-01 UA		Point ID		L-EKX-01 UA	
NEZ	3693682.31	5004437.27	1014.73				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-EKX-02
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Larue **QUAD:** Howardstown

OPERATOR: B. Novy

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3724708.61	ELEVATION	ELLIPSOID
EASTING:	4981702.17	549.59	441.54

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 04/16/2014
DAY OF YEAR: 106

START TIME: 12:11:28
END TIME: 12:18:40

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:		
	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CORNER OF MEDIAN NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-EKX-02
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-EKX-02
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-EKX-02 BE			Point ID	L-EKX-02 BE		
NEZ	3724764.91	4981714.74	551.02				







Photo:				Photo:			
Point ID	L-EKX-02 BR			Point ID	L-EKX-02 BR		
NEZ	3724780.55	4981642.77	550.96				



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Lexington, KY 40503
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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-EKX-02
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-EKX-02 FA			Point ID	L-EKX-02 FA		
NEZ	3724598.19	4981776.64	544.94				
							
Photo:				Photo:			
Point ID	L-EKX-02 HG			Point ID	L-EKX-02 HG		
NEZ	3724558.82	4982069.90	564.42				
							



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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-EKX-02
Proj. No.: 7145-002

Photo:				Photo:			
Point ID	L-EKX-02 UA			Point ID	L-EKX-02 UA		
NEZ	3724607.90	4981876.60	554.71				



Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-EKX-03
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Larue	QUAD:	Hibernia
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OPERATOR:	B. Novy
------------------	---------

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3693692.42	ELEVATION	ELLIPSOID
EASTING:	4960284.54	956.09	849.42

RECEIVER MODEL:	TRMR8_GNS S
------------------------	----------------

RECEIVER S/N:	4849161172
----------------------	------------

SESSION
KYVRS

DATE:	04/16/2014
DAY OF YEAR:	106

START TIME:	14:14:40
END TIME:	14:19:53

X	UTC
	LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL END OF PARK STRIPE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





GPS CONTROL SURVEY FIELD DATA SHEET
--

PAGE
2

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JOB REFERENCE
Kentucky Statewide

POINT ID:	L-EKX-03
Proj. No.:	7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

**LiDAR Truing Points
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

AREA ID: L-EKX-03
Proj. No.: 7145-004

Photo:				Photo:			
Point ID	L-EKX-03 BE			Point ID	L-EKX-03 BE		
NEZ	3693580.11	4960179.07	957.21				







Photo:				Photo:			
Point ID	L-EKX-03 BR			Point ID	L-EKX-03 BR		
NEZ	3693815.88	4960277.43	955.50				



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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-EKX-03
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-EKX-03 FA			Point ID	L-EKX-03 FA		
NEZ	3693589.95	4960340.85	948.48				
							
Photo:				Photo:			
Point ID	L-EKX-03 HG			Point ID	L-EKX-03 HG		
NEZ	3693640.24	4960071.38	956.37				
							



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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-EKX-03
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-EKX-03 UA		Point ID		L-EKX-03 UA	
NEZ	3693646.16	4960236.59	955.38				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-EKX-04
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Larue **QUAD:** Magnolia

OPERATOR: B. Novy

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3689090.14	ELEVATION	ELLIPSOID
EASTING:	4944564.38	895.20	788.83

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 04/16/2014
DAY OF YEAR: 106

START TIME: 14:56:20
END TIME: 15:00:38

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:		
	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL DRIVE @ RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-EKX-04
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-EKX-04
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-EKX-04 BE			Point ID	L-EKX-04 BE		
NEZ	3689208.83	4944611.77	894.12				






Photo:				Photo:			
Point ID	L-EKX-04 BR			Point ID	L-EKX-04 BR		
NEZ	3689286.26	4944758.52	899.52				



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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-EKX-04
Proj. No.:	7145-004

Photo:				Photo:			
Point ID		L-EKX-04 FA		Point ID		L-EKX-04 FA	
NEZ	3689139.40	4944727.72	896.01				
							
Photo:				Photo:			
Point ID		L-EKX-04 HG		Point ID		L-EKX-04 HG	
NEZ	3689203.95	4944514.74	892.04				
							



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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-EKX-04
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-EKX-04 UA		Point ID		L-EKX-04 UA	
NEZ	3689177.67	4944640.33	894.80				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-EKX-05
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Larue	QUAD:	Magnolia
---------------	----	----------------	-------	--------------	----------

OPERATOR:	B. Novy	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09	
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3684560.17	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4922407.54	857.00	751.00

SESSION	DATE:	04/16/2014	START TIME:	15:41:22	<input checked="" type="checkbox"/>	UTC
KYVRS	DAY OF YEAR:	106	END TIME:	15:45:21		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	<input checked="" type="checkbox"/>	FIXED HGT.

TOP OF MONUMENT IS:	<input checked="" type="checkbox"/>	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

END OF MEDIAN NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	<input checked="" type="checkbox"/>	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-EKX-05
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-EKX-05
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-EKX-05 BE			Point ID	L-EKX-05 BE		
NEZ	3684478.15	4922354.20	857.59				






Photo:				Photo:			
Point ID	L-EKX-05 BR			Point ID	L-EKX-05 BR		
NEZ	3684735.18	4922333.50	842.87				



523 Wellington Way, Suite 375
Lexington, KY 40503
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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-EKX-05
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-EKX-05 FA			Point ID	L-EKX-05 FA		
NEZ	3684653.35	4922057.93	849.19				
							
Photo:				Photo:			
Point ID	L-EKX-05 HG			Point ID	L-EKX-05 HG		
NEZ	3684980.50	4922386.11	844.68				
							



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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

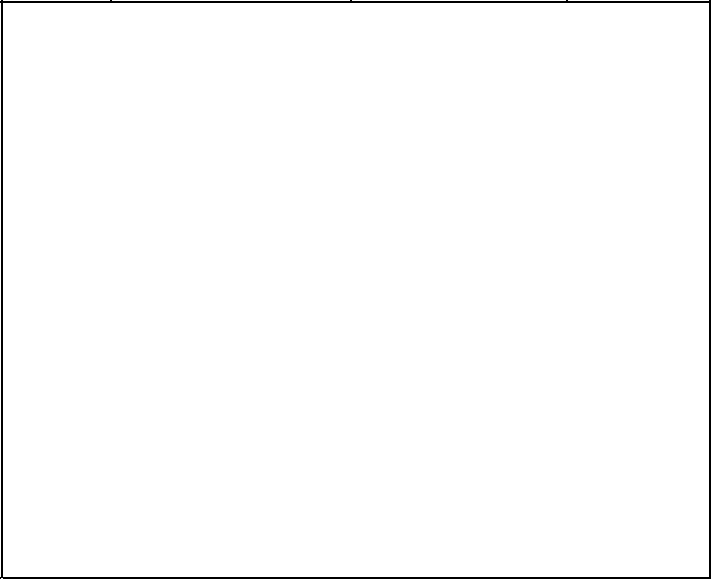
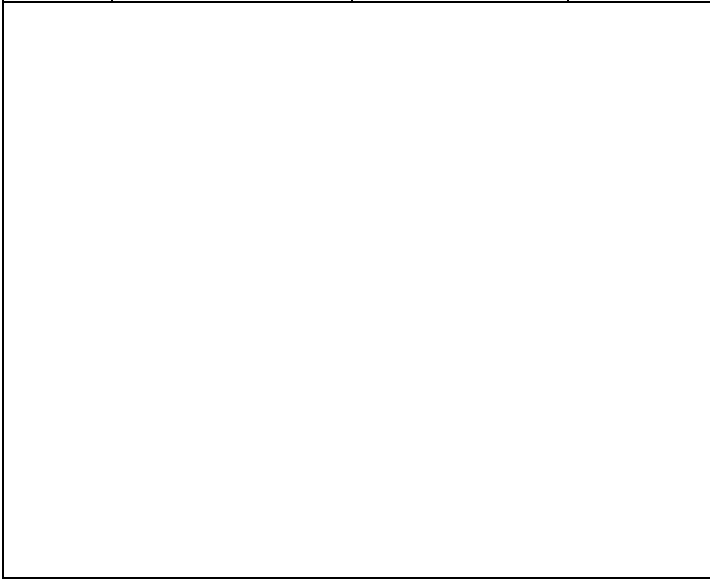
JOB REFERENCE
 Kentucky Statewide

AREA ID: L-EKX-05
Proj. No.: 7145-002

Photo:				Photo:			
Point ID	L-EKX-05 UA			Point ID	L-EKX-05 UA		
NEZ	3684390.44	4922286.85	860.05				



Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-EKX-06
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Hart	QUAD:	Hammonville
---------------	----	----------------	------	--------------	-------------

OPERATOR:	B. Novy	NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3671697.30	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4907190.38	734.44	629.01

SESSION	DATE:	04/16/2014	START TIME:	18:05:42	<input checked="" type="checkbox"/>	UTC
KYVRS	DAY OF YEAR:	106	END TIME:	18:09:38		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

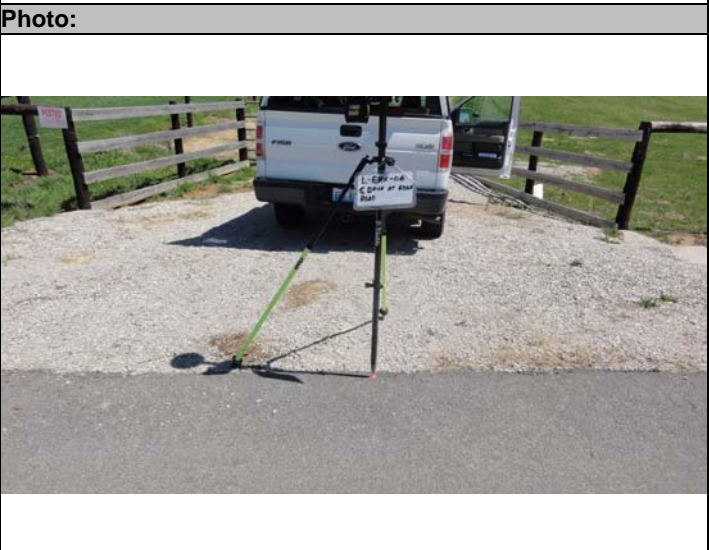
ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	<input checked="" type="checkbox"/>	FIXED HGT.

TOP OF MONUMENT IS:	<input checked="" type="checkbox"/>	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL DRIVE @ RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	<input checked="" type="checkbox"/>	NEW CONTROL
	PUB. CONTROL		BASE STATION





GPS CONTROL SURVEY FIELD DATA SHEET
--

PAGE
2

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-EKX-06
Proj. No.:	7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

**LiDAR Truing Points
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

AREA ID: L-EKX-06
Proj. No.: 7145-004

Photo:				Photo:			
Point ID	L-EKX-06 BE			Point ID	L-EKX-06 BE		
NEZ	3671736.71	4907215.32	733.97				
							
Photo:				Photo:			
Point ID	L-EKX-06 BR			Point ID	L-EKX-06 BR		
NEZ	3672009.78	4907071.96	741.98				
							

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-EKX-06
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-EKX-06 FA			Point ID	L-EKX-06 FA		
NEZ	3672109.29	4906892.08	742.11				
							
Photo:				Photo:			
Point ID	L-EKX-06 HG			Point ID	L-EKX-06 HG		
NEZ	3672108.38	4907117.19	748.11				
							





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-EKX-06
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-EKX-06 UA		Point ID		L-EKX-06 UA	
NEZ	3672015.93	4907158.81	741.77				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-EKX-07
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Hart **QUAD:** Upton

OPERATOR: B. Novy

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3679276.87	ELEVATION	ELLIPSOID
EASTING:	4879899.99	694.08	588.74

RECEIVER MODEL: TRMR8_GNS
S
RECEIVER S/N: 4849161172

SESSION	DATE: 04/16/2014	START TIME: 18:59:54	X	UTC
KYVRS	DAY OF YEAR: 106	END TIME: 19:04:43		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL DRIVE @ RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-EKX-07
Proj. No.: 7145-004





523 Wellington Way, Suite 375
Lexington, KY 40503
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Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-EKX-07
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-EKX-07 BE			Point ID	L-EKX-07 BE		
NEZ	3679181.14	4879943.86	690.99				
							
Photo:				Photo:			
Point ID	L-EKX-07 BR			Point ID	L-EKX-07 BR		
NEZ	3679223.79	4879850.14	691.18				
							

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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-EKX-07
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-EKX-07 FA			Point ID	L-EKX-07 FA		
NEZ	3679376.07	4879987.89	695.46				
							
Photo:				Photo:			
Point ID	L-EKX-07 HG			Point ID	L-EKX-07 HG		
NEZ	3679639.41	4879936.36	697.94				
							



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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-EKX-07
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-EKX-07 UA		Point ID		L-EKX-07 UA	
NEZ	3679099.58	4879996.20	692.23				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-EKX-08
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Larue **QUAD:** Sonora

OPERATOR: B. Novy

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3713747.08	ELEVATION	ELLIPSOID
EASTING:	4883702.23	788.04	681.67

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 04/15/2014
DAY OF YEAR: 105

START TIME: 19:17:41
END TIME: 19:23:46

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)

MTRS/FT	MEASURED	FIXED HGT.

ANTENNA

RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)

MTRS/FT	2.000	Meters
	MEASURED	X FIXED HGT.

TOP OF MONUMENT IS: X **FLUSH**

METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CORNER OF PAVEMENT

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-EKX-08
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-EKX-08
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-EKX-08 BE			Point ID	L-EKX-08 BE		
NEZ	3713901.88	4883693.01	786.40				



Photo:				Photo:			
Point ID	L-EKX-08 BR			Point ID	L-EKX-08 BR		
NEZ	3713697.37	4883592.37	792.58				



523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-EKX-08
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-EKX-08 FA			Point ID	L-EKX-08 FA		
NEZ	3713508.32	4883478.50	786.88				



Photo:				Photo:			
Point ID	L-EKX-08 HG			Point ID	L-EKX-08 HG		
NEZ	3713766.53	4883764.56	785.92				







523 Wellington Way, Suite 375
 Lexington, KY 40503
 859-277-8700 voice 859-277-8901 fax

**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-EKX-08
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-EKX-08 UA		Point ID		L-EKX-08 UA	
NEZ	3713844.97	4883759.79	785.65				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-EKX-09
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Larue	QUAD:	Hodgenville
---------------	----	----------------	-------	--------------	-------------

OPERATOR:	B. Novy
------------------	---------

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3728498.23	ELEVATION	ELLIPSOID
EASTING:	4921454.81	764.90	657.59

RECEIVER MODEL:	TRMR8_GNS S
RECEIVER S/N:	4849161172

SESSION
KYVRS

DATE:	04/15/2014
DAY OF YEAR:	105

START TIME:	16:33:03
END TIME:	16:37:46

X	UTC
	LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CORNER OF CONC SLAB

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-EKX-09
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-EKX-09
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-EKX-09 BE			Point ID	L-EKX-09 BE		
NEZ	3728541.33	4921490.68	765.25				



Photo:				Photo:			
Point ID	L-EKX-09 BR			Point ID	L-EKX-09 BR		
NEZ	3728601.05	4921274.36	758.20				



523 Wellington Way, Suite 375
 Lexington, KY 40503
 859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-EKX-09
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-EKX-09 FA			Point ID	L-EKX-09 FA		
NEZ	3728507.41	4921390.59	762.19				



Photo:				Photo:			
Point ID	L-EKX-09 HG			Point ID	L-EKX-09 HG		
NEZ	3728254.87	4921714.32	772.42				





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

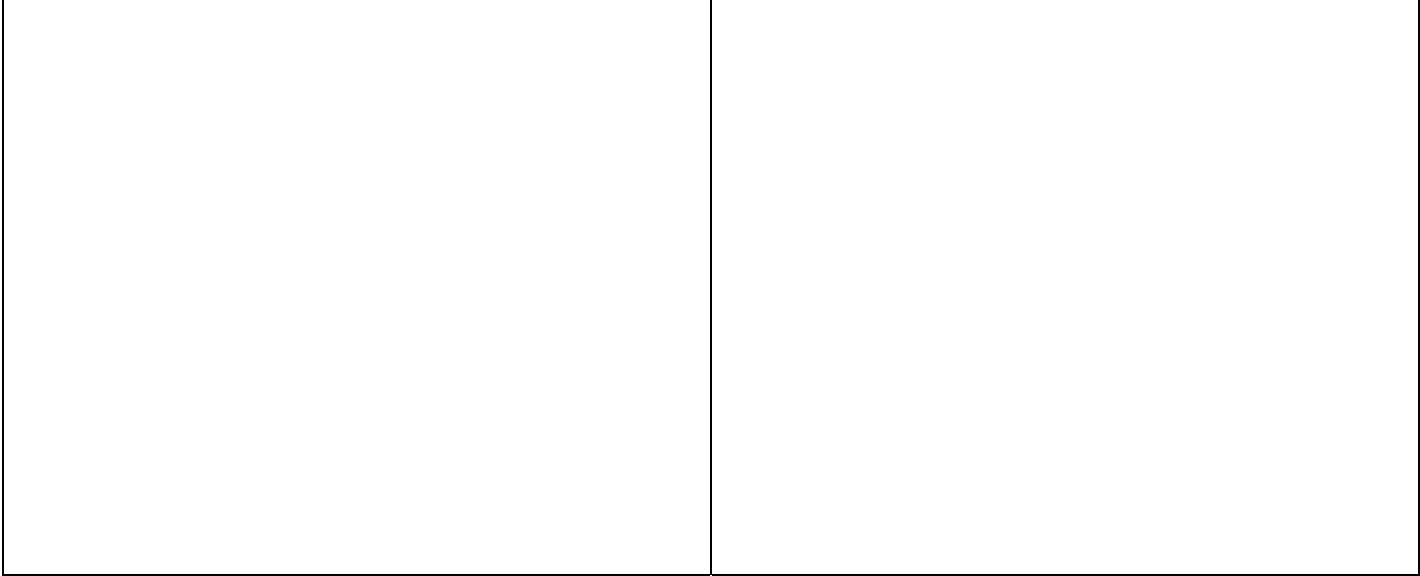
JOB REFERENCE
 Kentucky Statewide

AREA ID: L-EKX-09
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-EKX-09 UA		Point ID		L-EKX-09 UA	
NEZ	3728511.73	4921544.46	768.70				



Photo:				Photo:			
Point ID				Point ID			
NEZ							





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-EKX-10
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Larue **QUAD:** Hammonville

OPERATOR: B. Novy

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3694506.17	ELEVATION	ELLIPSOID
EASTING:	4904728.62	809.91	703.81

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 04/16/2014
DAY OF YEAR: 106

START TIME: 17:11:57
END TIME: 17:22:10

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)

MTRS/FT	MEASURED	FIXED HGT.

ANTENNA

RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)

MTRS/FT	2.000	Meters
	MEASURED	X FIXED HGT.

TOP OF MONUMENT IS: X **FLUSH**

METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL PARK STRIPE CNR NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-EKX-10
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-EKX-10
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-EKX-10 BE			Point ID	L-EKX-10 BE		
NEZ	3694471.73	4904698.32	809.28				



Photo:				Photo:			
Point ID	L-EKX-10 BR			Point ID	L-EKX-10 BR		
NEZ	3694343.80	4904629.22	812.58				



523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-EKX-10
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-EKX-10 FA			Point ID	L-EKX-10 FA		
NEZ	3694371.11	4904709.83	809.26				
							
Photo:				Photo:			
Point ID	L-EKX-10 HG			Point ID	L-EKX-10 HG		
NEZ	3694570.27	4904635.37	810.04				
							





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-EKX-10
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-EKX-10 UA		Point ID		L-EKX-10 UA	
NEZ	3694630.85	4904706.31	809.50				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-EKX-11
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Larue	QUAD:	Hodgenville
---------------	----	----------------	-------	--------------	-------------

OPERATOR:	B. Novy
------------------	---------

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3709328.59	ELEVATION	ELLIPSOID
EASTING:	4935763.37	762.66	655.67

RECEIVER MODEL:	TRMR8_GNS S
------------------------	----------------

RECEIVER S/N:	4849161172
----------------------	------------

SESSION
KYVRS

DATE:	04/15/2014
DAY OF YEAR:	105

START TIME:	18:13:31
END TIME:	18:19:40

X	UTC
	LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CORNER OF PARKING LOT NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-EKX-11
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
 Lexington, KY 40503
 859-277-8700 voice 859-277-8901 fax

JOB REFERENCE Kentucky Statewide
--

AREA ID:	L-EKX-11
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-EKX-11 BE			Point ID	L-EKX-11 BE		
NEZ	3709387.50	4935720.85	760.42				




Photo:				Photo:			
Point ID	L-EKX-11 BR			Point ID	L-EKX-11 BR		
NEZ	3709568.99	4935901.93	763.63				



523 Wellington Way, Suite 375
Lexington, KY 40503
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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-EKX-11
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-EKX-11 FA			Point ID	L-EKX-11 FA		
NEZ	3709511.69	4936008.52	769.10				
							
Photo:				Photo:			
Point ID	L-EKX-11 HG			Point ID	L-EKX-11 HG		
NEZ	3709069.46	4935494.03	753.52				
							



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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-EKX-11
Proj. No.: 7145-002

Photo:				Photo:			
Point ID	L-EKX-11 UA			Point ID	L-EKX-11 UA		
NEZ	3709315.19	4935666.46	758.59				



Photo:				Photo:			
Point ID				Point ID			
NEZ							





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-EKX-12
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Larue **QUAD:** Hodgenville

OPERATOR: B. Novy

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3737600.83	ELEVATION	ELLIPSOID
EASTING:	4946571.05	845.98	738.06

RECEIVER MODEL: TRMR8_GNS
S
RECEIVER S/N: 4849161172

SESSION	DATE: 04/15/2014	START TIME: 17:21:30	X	UTC
KYVRS	DAY OF YEAR: 105	END TIME: 17:31:01		LOCAL

ANTENNA HEIGHT (SLANT)

MTRS/FT		
	MEASURED	FIXED HGT.

ANTENNA

RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)

MTRS/FT	2.000	Meters
	MEASURED	X FIXED HGT.

TOP OF MONUMENT IS: X **FLUSH**

METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CORNER OF PARKING LOT NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-EKX-12
Proj. No.: 7145-004





523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide



AREA ID:	L-EKX-12
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-EKX-12 BE			Point ID	L-EKX-12 BE		
NEZ	3737546.83	4946552.87	849.68				
							
Photo:				Photo:			
Point ID	L-EKX-12 BR			Point ID	L-EKX-12 BR		
NEZ	3737667.92	4946607.39	844.06				
							

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-EKX-12
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-EKX-12 FA			Point ID	L-EKX-12 FA		
NEZ	3737714.51	4946342.33	838.98				
							
Photo:				Photo:			
Point ID	L-EKX-12 HG			Point ID	L-EKX-12 HG		
NEZ	3737618.91	4946672.14	847.47				
							



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 Lexington, KY 40503
 859-277-8700 voice 859-277-8901 fax

**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-EKX-12
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-EKX-12 UA		Point ID		L-EKX-12 UA	
NEZ	3737632.15	4946451.54	845.37				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-EKX-13
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Larue **QUAD:** Nelsonville

OPERATOR: B. Novy

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3754359.69	ELEVATION	ELLIPSOID
EASTING:	4930339.52	872.79	764.84

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 04/15/2014
DAY OF YEAR: 105

START TIME: 15:08:50
END TIME: 15:13:13

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:		
	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL RD @ EDGE OF RD NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-EKX-13
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-EKX-13
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-EKX-13 BE			Point ID	L-EKX-13 BE		
NEZ	3754349.36	4930296.88	871.69				



Photo:				Photo:			
Point ID	L-EKX-13 BR			Point ID	L-EKX-13 BR		
NEZ	3755277.55	4931119.97	866.98				



523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-EKX-13
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-EKX-13 FA			Point ID	L-EKX-13 FA		
NEZ	3755215.96	4931089.72	870.00				



Photo:				Photo:			
Point ID	L-EKX-13 HG			Point ID	L-EKX-13 HG		
NEZ	3754983.83	4929614.91	881.70				





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

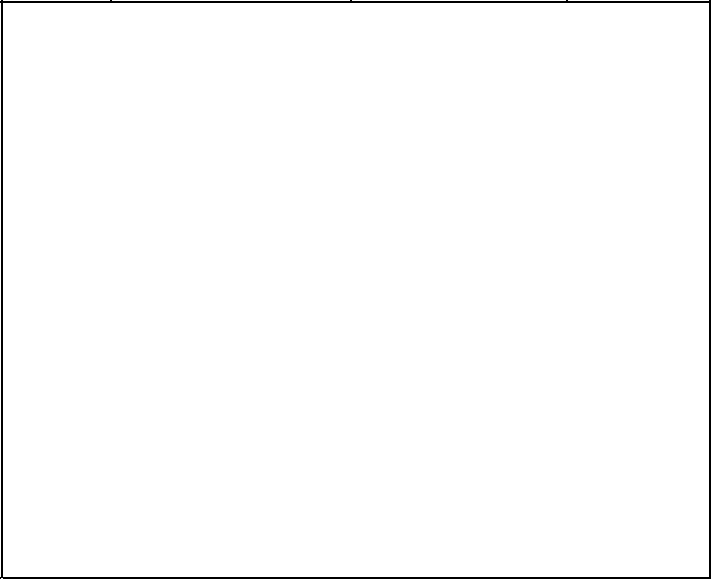
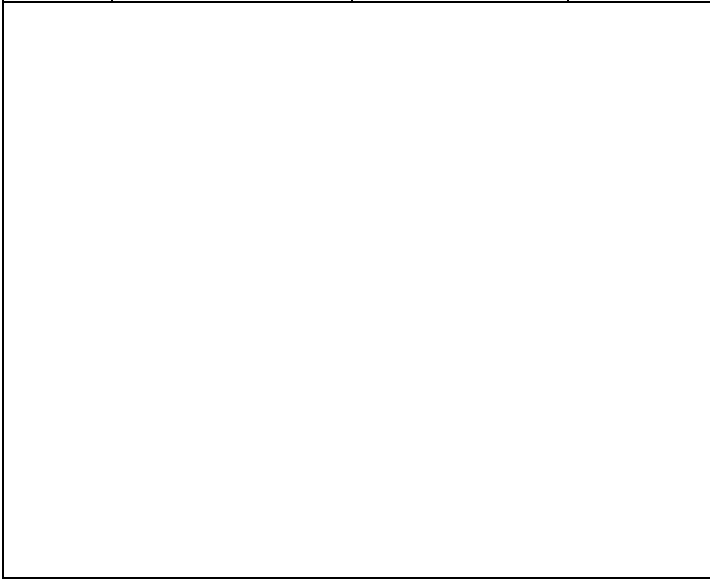
JOB REFERENCE
 Kentucky Statewide

AREA ID: L-EKX-13
Proj. No.: 7145-002

Photo:				Photo:			
Point ID	L-EKX-13 UA			Point ID	L-EKX-13 UA		
NEZ	3754381.46	4930307.32	872.69				



Photo:				Photo:			
Point ID				Point ID			
NEZ							





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-EKX-14
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Larue **QUAD:** Nelsonville

OPERATOR: B. Novy

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3779870.74	ELEVATION	ELLIPSOID
EASTING:	4946975.64	456.11	347.25

RECEIVER MODEL: TRMR8_GNS
S
RECEIVER S/N: 4849161172

SESSION	DATE: 04/15/2014	START TIME: 14:31:52	X	UTC
KYVRS	DAY OF YEAR: 105	END TIME: 14:36:45		LOCAL

ANTENNA HEIGHT (SLANT)

MTRS/FT		
	MEASURED	FIXED HGT.

ANTENNA

RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)

MTRS/FT	2.000	Meters
	MEASURED	X FIXED HGT.

TOP OF MONUMENT IS:

X	FLUSH
	ABOVE GROUND
	BELOW GROUND

GRD 5' S OF POLE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





GPS CONTROL SURVEY FIELD DATA SHEET
--

PAGE
2

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-EKX-14
Proj. No.:	7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-EKX-14
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-EKX-14 BE			Point ID	L-EKX-14 BE		
NEZ	3779789.43	4946928.63	458.06				



Photo:				Photo:			
Point ID	L-EKX-14 BR			Point ID	L-EKX-14 BR		
NEZ	3779909.50	4946934.47	463.03				



523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-EKX-14
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-EKX-14 FA			Point ID	L-EKX-14 FA		
NEZ	3779860.52	4946933.18	461.60				
							
Photo:				Photo:			
Point ID	L-EKX-14 HG			Point ID	L-EKX-14 HG		
NEZ	3779718.92	4946911.27	456.67				
							



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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-EKX-14
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-EKX-14 UA		Point ID		L-EKX-14 UA	
NEZ	3779736.63	4946944.75	460.67				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-I93-01
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Meade **QUAD:** Levenworth

OPERATOR: C. SANDERS

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3950709.35	ELEVATION	ELLIPSOID
EASTING:	4747096.35	459.91	351.08

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 04/30/2014
DAY OF YEAR: 120

START TIME: 15:26:05
END TIME: 15:31:48

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:		
	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL DRIVE @ RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





GPS CONTROL SURVEY FIELD DATA SHEET
--

PAGE
2

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-193-01
Proj. No.:	7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-01
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-01 BE			Point ID	L-I93-01 BE		
NEZ	3951060.72	4745901.66	459.23				



Photo:				Photo:			
Point ID	L-I93-01 BR			Point ID	L-I93-01 BR		
NEZ	3951146.76	4745942.49	459.90				



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Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-01
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-01 FA			Point ID	L-I93-01 FA		
NEZ	3951116.61	4745669.53	458.35				

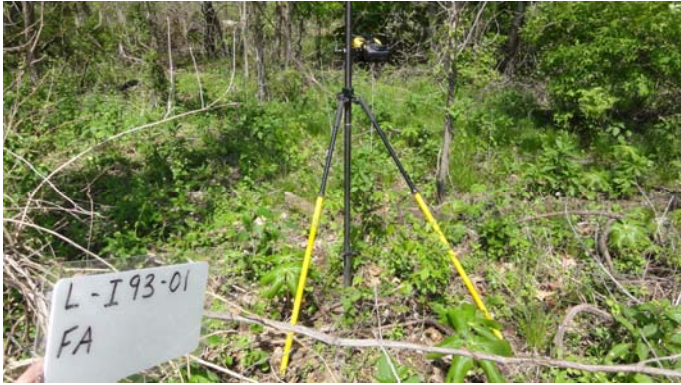


Photo:				Photo:			
Point ID	L-I93-01 HG			Point ID	L-I93-01 HG		
NEZ	3950655.12	4747120.93	457.14				





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 Lexington, KY 40503
 859-277-8700 voice 859-277-8901 fax

**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I93-01
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-I93-01 UA		Point ID		L-I93-01 UA	
NEZ	3950668.35	4747246.56	459.08				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-193-02
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Meade	QUAD:	New Amsterdam
---------------	----	----------------	-------	--------------	---------------

OPERATOR:	C. SANDERS	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09	
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3930096.20	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4761675.28	766.35	657.92

SESSION	DATE:	04/30/2014	START TIME:	16:42:13	<input checked="" type="checkbox"/>	UTC
KYVRS	DAY OF YEAR:	120	END TIME:	16:53:25		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	<input checked="" type="checkbox"/>	FIXED HGT.

TOP OF MONUMENT IS:	<input checked="" type="checkbox"/>	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

E SIDE CONC PAD S EDGE RD NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	<input checked="" type="checkbox"/>	NEW CONTROL
	PUB. CONTROL		BASE STATION





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-193-02
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-02
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-02 BE			Point ID	L-I93-02 BE		
NEZ	3930255.01	4761558.37	765.49				



Photo:				Photo:			
Point ID	L-I93-02 BR			Point ID	L-I93-02 BR		
NEZ	3929845.89	4761912.53	780.26				



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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-02
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-02 FA			Point ID	L-I93-02 FA		
NEZ	3930051.93	4761854.25	773.69				



Photo:				Photo:			
Point ID	L-I93-02 HG			Point ID	L-I93-02 HG		
NEZ	3929935.45	4761804.47	770.83				







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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I93-02
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-I93-02 UA		Point ID		L-I93-02 UA	
NEZ	3930113.56	4761640.45	765.01				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID: L-I93-03
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Meade **QUAD:** Alton

OPERATOR: C. SANDERS

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3927558.11	ELEVATION	ELLIPSOID
EASTING:	4718425.57	431.85	323.71

RECEIVER MODEL: TRMR8_GNS S3
RECEIVER S/N: 5046455856

SESSION	DATE: 04/30/2014	START TIME: 18:05:55	X	UTC
OPUS-RS	DAY OF YEAR: 120	END TIME: 19:00:00		LOCAL

ANTENNA HEIGHT (SLANT)

MTRS/FT		
	MEASURED	FIXED HGT.

ANTENNA

RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)

MTRS/FT	1.800	Meters
	MEASURED	X FIXED HGT.

TOP OF MONUMENT IS: X **FLUSH**

METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

N EDGE DRIVE W SIDE RD NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-193-03
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-03
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-03 BE			Point ID	L-I93-03 BE		
NEZ	3928704.69	4718554.68	434.14				



Photo:				Photo:			
Point ID	L-I93-03 BR			Point ID	L-I93-03 BR		
NEZ	3927451.35	4718368.10	431.80				



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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-03
Proj. No.:	7145-004

Photo:				Photo:			
Point ID		L-I93-03 FA		Point ID		L-I93-03 FA	
NEZ	3928703.56	4718480.10	435.88				
							
Photo:				Photo:			
Point ID		L-I93-03 HG		Point ID		L-I93-03 HG	
NEZ	3927509.21	4718512.03	432.32				
							



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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I93-03
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-I93-03 UA		Point ID		L-I93-03 UA	
NEZ	3927803.53	4718447.25	430.58				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID: L-I93-04
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Meade **QUAD:** Alton

OPERATOR: C. SANDERS

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3903464.02	ELEVATION	ELLIPSOID
EASTING:	4739716.39	700.01	592.25

RECEIVER MODEL: TRMR8_GNS
S
RECEIVER S/N: 4849161172

SESSION	DATE: 04/30/2014	START TIME: 20:15:03	X	UTC
KYVRS	DAY OF YEAR: 120	END TIME: 20:21:23		LOCAL

ANTENNA HEIGHT (SLANT)

MTRS/FT		
	MEASURED	FIXED HGT.

ANTENNA

RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)

MTRS/FT	2.000	Meters
	MEASURED	X FIXED HGT.

TOP OF MONUMENT IS:

X	FLUSH
	ABOVE GROUND
	BELOW GROUND

W EDGE DRIVE S SIDE RD NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-193-04
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-04
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-04 BE			Point ID	L-I93-04 BE		
NEZ	3903462.26	4739681.38	695.95				



Photo:				Photo:			
Point ID	L-I93-04 BR			Point ID	L-I93-04 BR		
NEZ	3903538.15	4739545.75	692.65				



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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-04
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-04 FA			Point ID	L-I93-04 FA		
NEZ	3903420.73	4739562.16	682.47				



Photo:				Photo:			
Point ID	L-I93-04 HG			Point ID	L-I93-04 HG		
NEZ	3903518.54	4739243.08	664.71				





**LiDAR Truing Points
FIELD DATA SHEET**

PAGE
3

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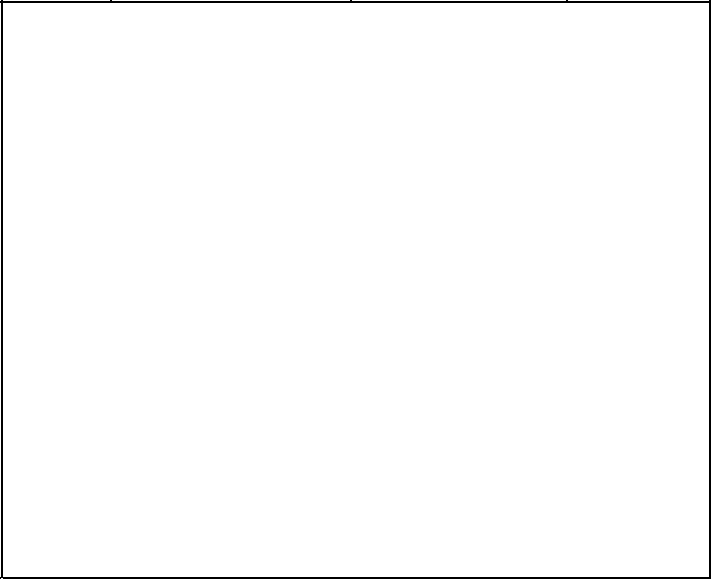
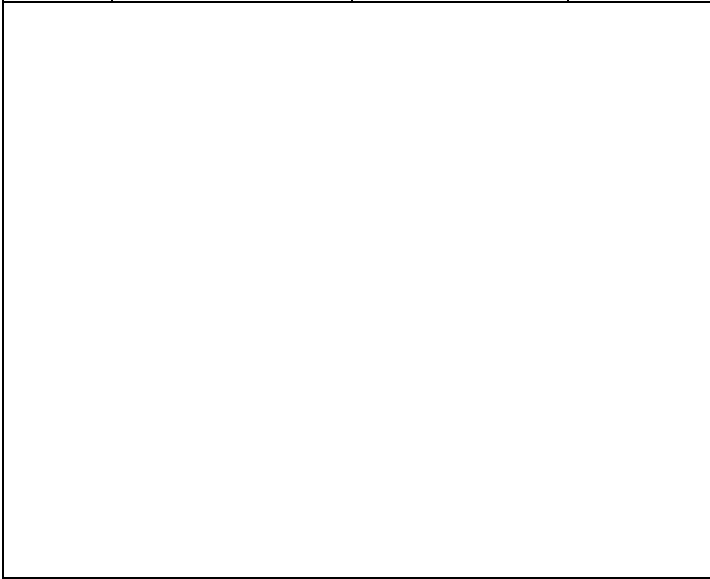
JOB REFERENCE
Kentucky Statewide

AREA ID: L-I93-04
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-I93-04 UA		Point ID		L-I93-04 UA	
NEZ	3903436.69	4739717.93	698.65				



Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-193-05
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Meade	QUAD:	New Amsterdam
---------------	----	----------------	-------	--------------	---------------

OPERATOR:	C. SANDERS	NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3901071.95	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4771514.76	533.29	425.44

SESSION	DATE:	04/30/2014	START TIME:	13:55:21	<input checked="" type="checkbox"/>	UTC
KYVRS	DAY OF YEAR:	120	END TIME:	14:00:38		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	<input checked="" type="checkbox"/>	FIXED HGT.

TOP OF MONUMENT IS:	<input checked="" type="checkbox"/>	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

NE SIDE RD @ COLOR CHANGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	<input checked="" type="checkbox"/>	NEW CONTROL
	PUB. CONTROL		BASE STATION





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-193-05
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-05
Proj. No.:	7145-004

Photo:				Photo:			
Point ID		L-I93-05 BE		Point ID		L-I93-05 BE	
NEZ	3901132.15	4771414.72	532.71				



Photo:				Photo:			
Point ID		L-I93-05 BR		Point ID		L-I93-05 BR	
NEZ	3901320.07	4771314.58	532.38				



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Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-05
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-05 FA			Point ID	L-I93-05 FA		
NEZ	3900993.06	4771378.84	536.32				



Photo:				Photo:			
Point ID	L-I93-05 HG			Point ID	L-I93-05 HG		
NEZ	3901113.29	4771523.54	532.07				





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I93-05
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-I93-05 UA		Point ID		L-I93-05 UA	
NEZ	3901083.96	4771426.64	533.74				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-193-06
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Meade **QUAD:** Mauckport

OPERATOR: C. SANDERS

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3890954.74	ELEVATION	ELLIPSOID
EASTING:	4791751.46	584.04	476.29

RECEIVER MODEL: TRMR8_GNS
S
RECEIVER S/N: 4849161172

SESSION	DATE: 04/29/2014	START TIME: 15:34:08	X	UTC
KYVRS	DAY OF YEAR: 119	END TIME: 15:42:21		LOCAL

ANTENNA HEIGHT (SLANT)

MTRS/FT		
	MEASURED	FIXED HGT.

ANTENNA

RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)

MTRS/FT	2.000	Meters
	MEASURED	X FIXED HGT.

TOP OF MONUMENT IS: X **FLUSH**

METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

S END STRIPE NW END P LOR NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-193-06
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-06
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-06 BE			Point ID	L-I93-06 BE		
NEZ	3890898.21	4791743.18	588.12				



Photo:				Photo:			
Point ID	L-I93-06 BR			Point ID	L-I93-06 BR		
NEZ	3891034.43	4791942.01	586.77				



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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-06
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-06 FA			Point ID	L-I93-06 FA		
NEZ	3891074.46	4791898.32	583.74				



Photo:				Photo:			
Point ID	L-I93-06 HG			Point ID	L-I93-06 HG		
NEZ	3890981.74	4791608.00	578.02				





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

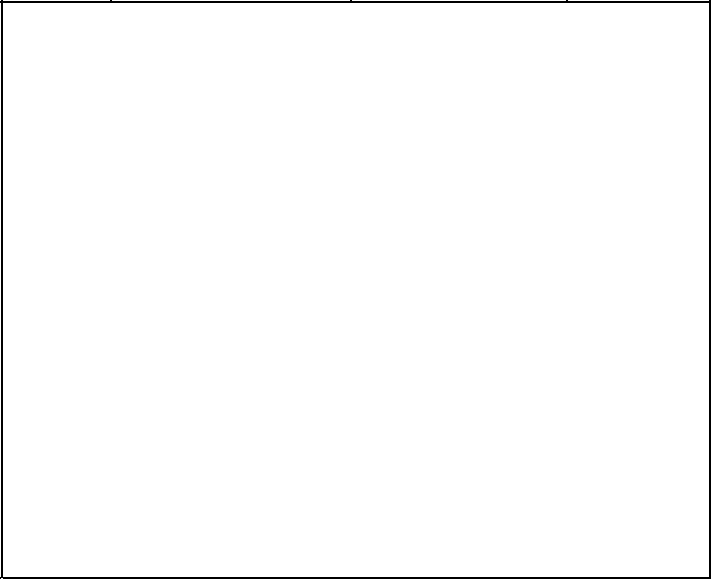
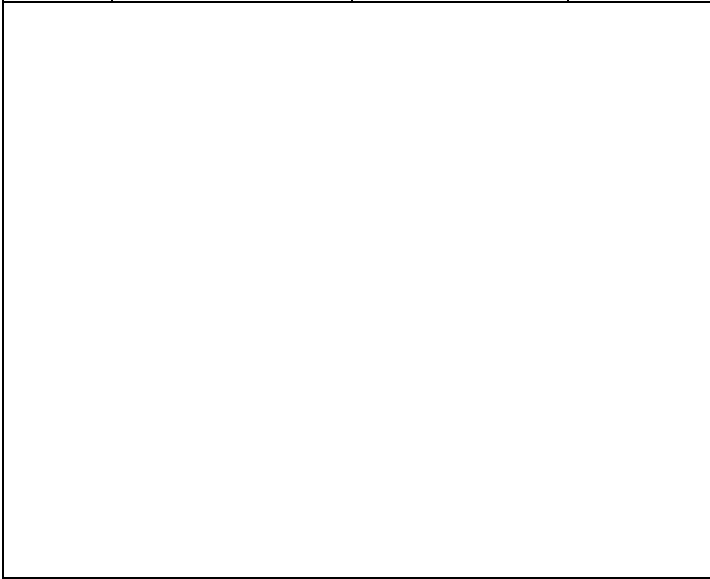
JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I93-06
Proj. No.: 7145-002

Photo:				Photo:			
Point ID	L-I93-06 UA			Point ID	L-I93-06 UA		
NEZ	3890877.34	4791773.97	593.04				



Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-193-07
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Meade	QUAD:	Rock Haven
---------------	----	----------------	-------	--------------	------------

OPERATOR:	C. SANDERS	NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3885842.17	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4818616.79	598.64	490.77

SESSION	DATE:	04/29/2014	START TIME:	16:34:55	<input checked="" type="checkbox"/>	UTC
KYVRS	DAY OF YEAR:	119	END TIME:	16:38:34		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	<input checked="" type="checkbox"/>	FIXED HGT.

TOP OF MONUMENT IS:	<input checked="" type="checkbox"/>	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL SE MOST TIP YELLOW STRIPE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	<input checked="" type="checkbox"/>	NEW CONTROL
	PUB. CONTROL		BASE STATION





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-193-07
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
 Lexington, KY 40503
 859-277-8700 voice 859-277-8901 fax

JOB REFERENCE Kentucky Statewide
--

AREA ID:	L-I93-07
Proj. No.:	7145-004

Photo:				Photo:			
Point ID		L-I93-07 BE		Point ID		L-I93-07 BE	
NEZ	3885959.82	4818546.03	586.15				



Photo:				Photo:			
Point ID		L-I93-07 BR		Point ID		L-I93-07 BR	
NEZ	3885974.98	4818576.79	584.85				



523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-07
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-07 FA			Point ID	L-I93-07 FA		
NEZ	3885911.83	4818731.41	591.65				



Photo:				Photo:			
Point ID	L-I93-07 HG			Point ID	L-I93-07 HG		
NEZ	3885885.44	4818674.35	593.79				





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I93-07
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-I93-07 UA		Point ID		L-I93-07 UA	
NEZ	3885904.03	4818525.42	592.94				
Photo:				Photo:			
Point ID				Point ID			
NEZ				NEZ			



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-I93-08
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Meade **QUAD:** Guston

OPERATOR: C. SANDERS

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3862037.32	ELEVATION	ELLIPSOID
EASTING:	4797060.32	658.89	551.71

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 04/29/2014
DAY OF YEAR: 119

START TIME: 17:41:25
END TIME: 18:24:59

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:		
	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

NE CORNER SIDE WALK

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-193-08
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-08
Proj. No.:	7145-004

Photo:				Photo:			
Point ID		L-I93-08 BE		Point ID		L-I93-08 BE	
NEZ	3861831.51	4796838.09	656.92				



Photo:				Photo:			
Point ID		L-I93-08 BR		Point ID		L-I93-08 BR	
NEZ	3861602.90	4797096.99	660.32				



523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-08
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-08 FA			Point ID	L-I93-08 FA		
NEZ	3861640.86	4797106.50	659.81				



Photo:				Photo:			
Point ID	L-I93-08 HG			Point ID	L-I93-08 HG		
NEZ	3861913.95	4797087.94	658.07				







**LiDAR Truing Points
FIELD DATA SHEET**

PAGE
3

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID: L-I93-08
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-I93-08 UA		Point ID		L-I93-08 UA	
NEZ	3861958.19	4797031.36	658.37				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-I93-09
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Meade **QUAD:** Guston

OPERATOR: C. SANDERS

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3870376.02	ELEVATION	ELLIPSOID
EASTING:	4780237.39	640.29	533.12

RECEIVER MODEL: TRMR8_GNS
S
RECEIVER S/N: 4849161172

SESSION	DATE: 04/30/2014	START TIME: 11:57:15	X	UTC
KYVRS	DAY OF YEAR: 120	END TIME: 12:03:19		LOCAL

ANTENNA HEIGHT (SLANT)

MTRS/FT		
	MEASURED	FIXED HGT.

ANTENNA

RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)

MTRS/FT	2.000	Meters
	MEASURED	X FIXED HGT.

TOP OF MONUMENT IS: X **FLUSH**

METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

NE CNR CONC GRATE PAD NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-193-09
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-09
Proj. No.:	7145-004

Photo:				Photo:			
Point ID		L-I93-09 BE		Point ID		L-I93-09 BE	
NEZ	3870311.84	4780293.61	639.97				



Photo:				Photo:			
Point ID		L-I93-09 BR		Point ID		L-I93-09 BR	
NEZ	3870367.27	4780122.68	644.19				



523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-09
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-09 FA			Point ID	L-I93-09 FA		
NEZ	3870374.11	4780074.90	646.62				



Photo:				Photo:			
Point ID	L-I93-09 HG			Point ID	L-I93-09 HG		
NEZ	3870393.69	4780498.32	627.17				





523 Wellington Way, Suite 375
 Lexington, KY 40503
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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I93-09
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-I93-09 UA		Point ID		L-I93-09 UA	
NEZ	3870327.20	4780219.01	641.54				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-I93-10
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Meade **QUAD:** Irvington

OPERATOR: C. SANDERS

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3883592.99	ELEVATION	ELLIPSOID
EASTING:	4758627.86	811.01	703.70

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 04/30/2014
DAY OF YEAR: 120

START TIME: 12:56:16
END TIME: 13:02:24

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:		
	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

NE CNR SRTIPES NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





GPS CONTROL SURVEY FIELD DATA SHEET
--

PAGE
2

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-193-10
Proj. No.:	7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-10
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-10 BE			Point ID	L-I93-10 BE		
NEZ	3883636.76	4758785.51	807.50				



Photo:				Photo:			
Point ID	L-I93-10 BR			Point ID	L-I93-10 BR		
NEZ	3883279.71	4758471.09	804.97				



523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-10
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-10 FA			Point ID	L-I93-10 FA		
NEZ	3883359.60	4758570.92	810.71				



Photo:				Photo:			
Point ID	L-I93-10 HG			Point ID	L-I93-10 HG		
NEZ	3883255.04	4758614.20	802.97				





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 Lexington, KY 40503
 859-277-8700 voice 859-277-8901 fax

**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I93-10
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-I93-10 UA		Point ID		L-I93-10 UA	
NEZ	3883625.26	4758650.92	810.53				
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-I93-11
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Breckinridge **QUAD:** Union Star

OPERATOR: C. SANDERS

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3874052.57	ELEVATION	ELLIPSOID
EASTING:	4734791.35	748.66	641.74

RECEIVER MODEL: TRMR8_GNS
S
RECEIVER S/N: 4849161172

SESSION	DATE: 05/01/2014	START TIME: 12:23:26	X	UTC
KYVRS	DAY OF YEAR: 121	END TIME: 12:34:20		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

END OF PAINT LINE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-193-11
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-11
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-11 BE			Point ID	L-I93-11 BE		
NEZ	3874798.78	4734364.22	745.40				



Photo:				Photo:			
Point ID	L-I93-11 BR			Point ID	L-I93-11 BR		
NEZ	3874479.11	4734509.48	743.54				



523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-11
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-11 FA			Point ID	L-I93-11 FA		
NEZ	3874256.35	4734794.06	745.77				



Photo:				Photo:			
Point ID	L-I93-11 HG			Point ID	L-I93-11 HG		
NEZ	3874046.13	4734732.85	748.27				





**LiDAR Truing Points
FIELD DATA SHEET**

PAGE
3

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID: L-I93-11
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-I93-11 UA		Point ID		L-I93-11 UA	
NEZ	3874025.62	4734806.04	749.43				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-193-12
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Breckinridge	QUAD:	Alton
---------------	----	----------------	--------------	--------------	-------

OPERATOR:	C. SANDERS	NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3896019.99	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4712434.27	703.41	596.07

SESSION	DATE:	05/01/2014	START TIME:	13:35:25	<input checked="" type="checkbox"/>	UTC
KYVRS	DAY OF YEAR:	121	END TIME:	13:40:44		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

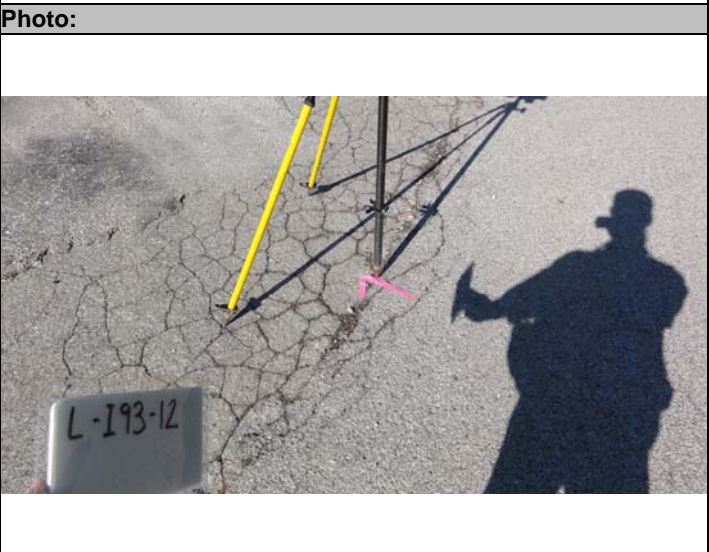
ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	<input checked="" type="checkbox"/>	FIXED HGT.

TOP OF MONUMENT IS:	<input checked="" type="checkbox"/>	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL RD @ RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	<input checked="" type="checkbox"/>	NEW CONTROL
	PUB. CONTROL		BASE STATION





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-193-12
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-12
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-12 BE			Point ID	L-I93-12 BE		
NEZ	3895992.75	4712400.73	704.49				

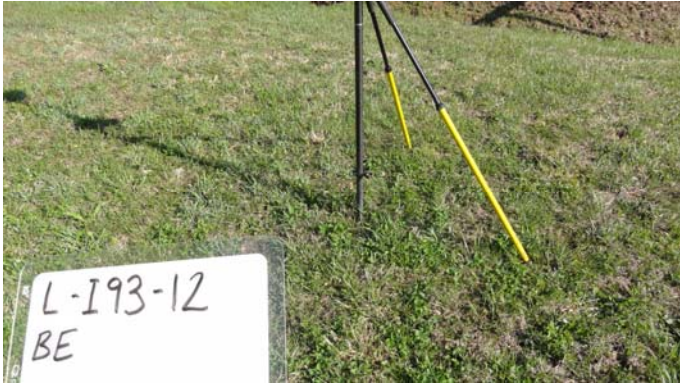


Photo:				Photo:			
Point ID	L-I93-12 BR			Point ID	L-I93-12 BR		
NEZ	3896075.41	4712674.32	692.00				



523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-12
Proj. No.:	7145-004

Photo:				Photo:			
Point ID		L-I93-12 FA		Point ID		L-I93-12 FA	
NEZ	3896090.29	4712618.60	692.67				
							
Photo:				Photo:			
Point ID		L-I93-12 HG		Point ID		L-I93-12 HG	
NEZ	3896058.83	4712608.82	695.69				
							



523 Wellington Way, Suite 375
 Lexington, KY 40503
 859-277-8700 voice 859-277-8901 fax

**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I93-12
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-I93-12 UA		Point ID		L-I93-12 UA	
NEZ	3895976.54	4712423.53	704.39				



Photo:				Photo:			
Point ID				Point ID			
NEZ							





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-I93-13
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Breckinridge **QUAD:** Lodiburg

OPERATOR: C. SANDERS

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3871065.58	ELEVATION	ELLIPSOID
EASTING:	4705444.46	406.80	300.19

RECEIVER MODEL: TRMR8_GNS
S
RECEIVER S/N: 4849161172

SESSION	DATE: 05/01/2014	START TIME: 14:28:55	X	UTC
KYVRS	DAY OF YEAR: 121	END TIME: 14:34:17		LOCAL

ANTENNA HEIGHT (SLANT)

MTRS/FT		
	MEASURED	FIXED HGT.

ANTENNA

RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)

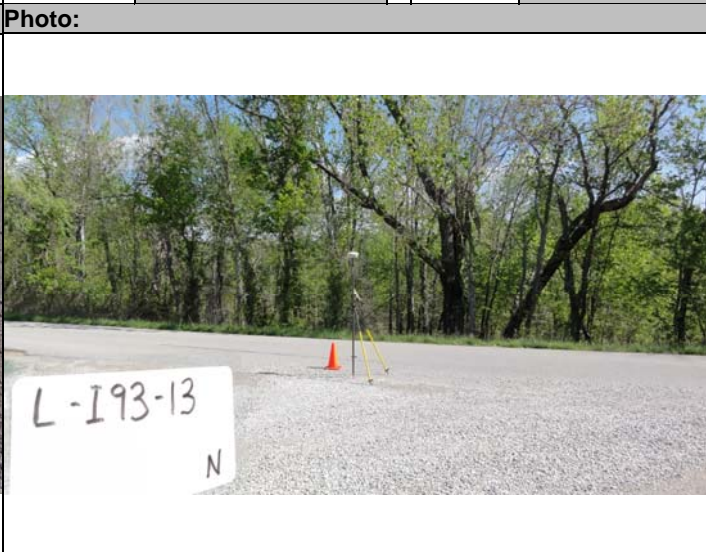
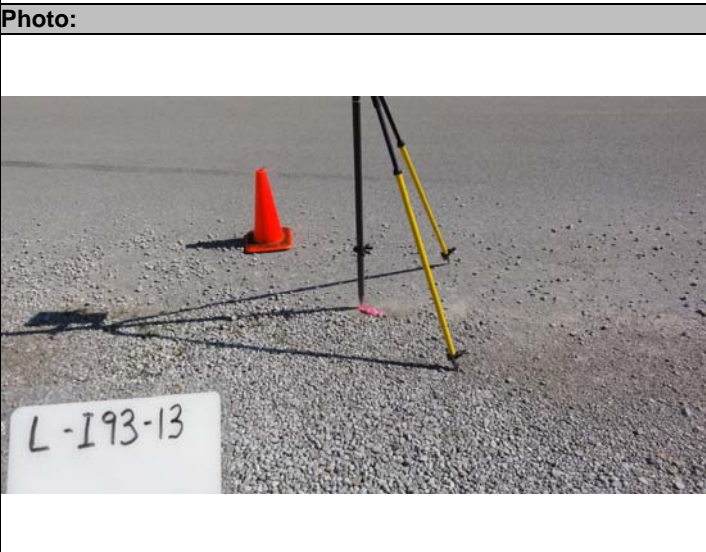
MTRS/FT	2.000	Meters
	MEASURED	X FIXED HGT.

TOP OF MONUMENT IS:

X	FLUSH
	ABOVE GROUND
	BELOW GROUND

CL RD @ RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION





GPS CONTROL SURVEY FIELD DATA SHEET
--

PAGE
2

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-193-13
Proj. No.:	7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-13
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-13 BE			Point ID	L-I93-13 BE		
NEZ	3871041.66	4705455.29	406.51				



Photo:				Photo:			
Point ID	L-I93-13 BR			Point ID	L-I93-13 BR		
NEZ	3871307.07	4705113.42	408.08				



523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-13
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-13 FA			Point ID	L-I93-13 FA		
NEZ	3870991.88	4705421.68	407.57				



Photo:				Photo:			
Point ID	L-I93-13 HG			Point ID	L-I93-13 HG		
NEZ	3871014.74	4705355.82	410.22				





523 Wellington Way, Suite 375
 Lexington, KY 40503
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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

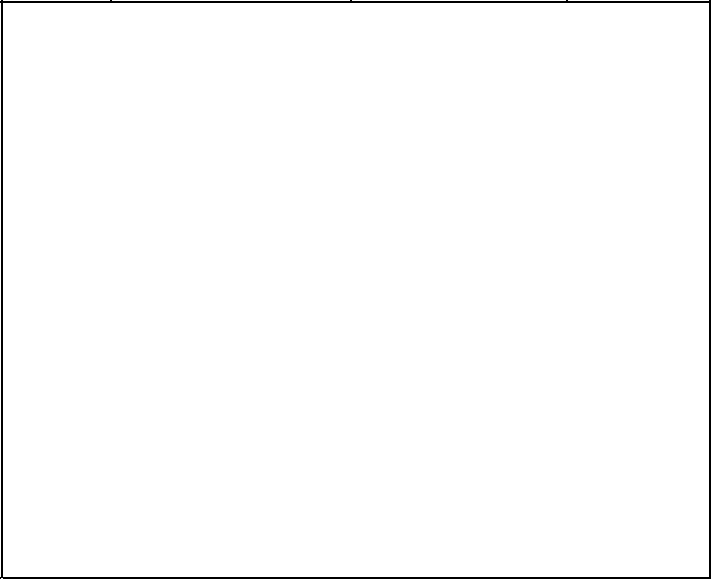
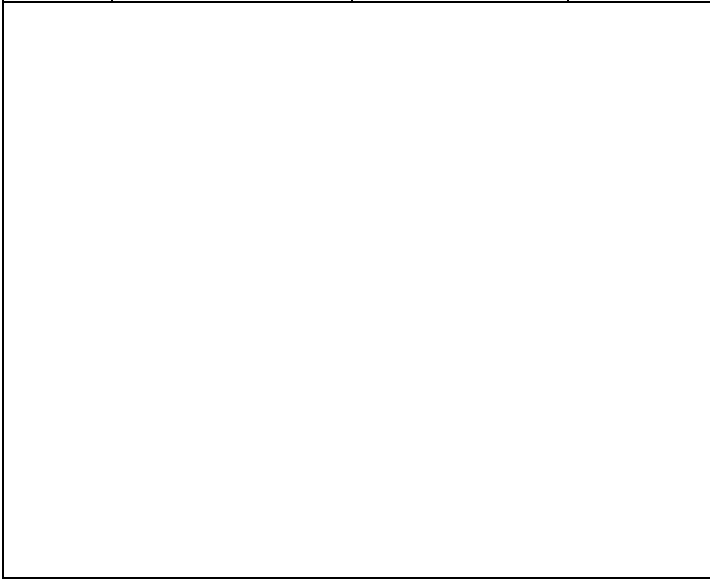
JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I93-13
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-I93-13 UA		Point ID		L-I93-13 UA	
NEZ	3871060.19	4705473.87	406.49				



Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-193-14
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Breckinridge	QUAD:	Rome
---------------	----	----------------	--------------	--------------	------

OPERATOR:	C. SANDERS	NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3856258.59	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4681461.90	422.26	316.51

SESSION	DATE:	05/01/2014	START TIME:	15:35:36	<input checked="" type="checkbox"/>	UTC
KYVRS	DAY OF YEAR:	121	END TIME:	15:42:05		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

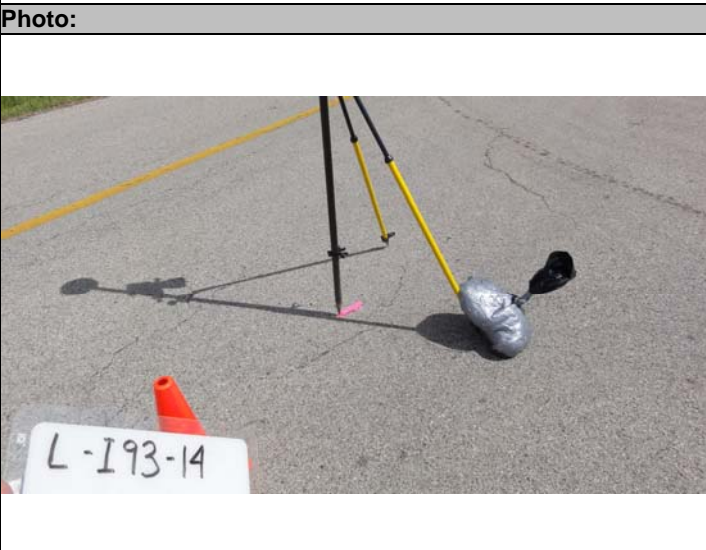
ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	<input checked="" type="checkbox"/>	FIXED HGT.

TOP OF MONUMENT IS:	<input checked="" type="checkbox"/>	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL RD @ RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	<input checked="" type="checkbox"/>	NEW CONTROL
	PUB. CONTROL		BASE STATION





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-193-14
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-14
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-14 BE			Point ID	L-I93-14 BE		
NEZ	3856205.26	4681466.00	421.92				



Photo:				Photo:			
Point ID	L-I93-14 BR			Point ID	L-I93-14 BR		
NEZ	3856284.00	4681409.85	417.45				



523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-14
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-14 FA			Point ID	L-I93-14 FA		
NEZ	3856160.93	4681391.03	423.05				
							
Photo:				Photo:			
Point ID	L-I93-14 HG			Point ID	L-I93-14 HG		
NEZ	3856221.89	4681368.38	419.49				
							




**LiDAR Truing Points
FIELD DATA SHEET**

PAGE
3

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Lexington, KY 40503
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JOB REFERENCE
Kentucky Statewide

AREA ID: L-I93-14
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-I93-14 UA		Point ID		L-I93-14 UA	
NEZ	3856230.79	4681493.07	422.03				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-193-15
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Breckinridge	QUAD:	Hardinsburg
---------------	----	----------------	--------------	--------------	-------------

OPERATOR:	C. SANDERS	NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3841005.24	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4713941.22	695.05	589.22

SESSION	DATE:	05/01/2014	START TIME:	16:35:20	<input checked="" type="checkbox"/>	UTC
KYVRS	DAY OF YEAR:	121	END TIME:	16:41:40		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

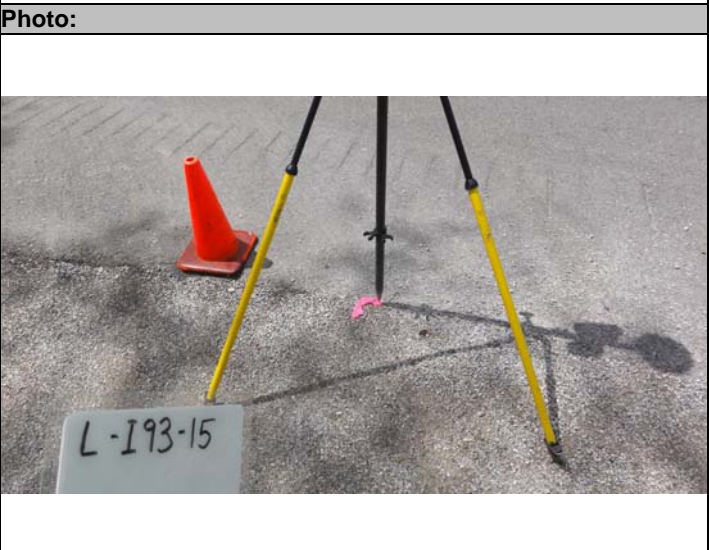
ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	<input checked="" type="checkbox"/>	FIXED HGT.

TOP OF MONUMENT IS:	<input checked="" type="checkbox"/>	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL DRIVE @ RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	<input checked="" type="checkbox"/>	NEW CONTROL
	PUB. CONTROL		BASE STATION





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-193-15
Proj. No.: 7145-004



523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide





AREA ID:	L-I93-15
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-15 BE			Point ID	L-I93-15 BE		
NEZ	3841040.32	4713865.80	693.81				
							
Photo:				Photo:			
Point ID	L-I93-15 BR			Point ID	L-I93-15 BR		
NEZ	3841142.57	4713871.20	693.71				
							

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Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-15
Proj. No.:	7145-004

Photo:				Photo:			
Point ID		L-I93-15 FA		Point ID		L-I93-15 FA	
NEZ	3841030.19	4713834.95	695.32				
							
Photo:				Photo:			
Point ID		L-I93-15 HG		Point ID		L-I93-15 HG	
NEZ	3841108.27	4713917.32	693.32				
							



**LiDAR Truing Points
FIELD DATA SHEET**

PAGE
3

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JOB REFERENCE
Kentucky Statewide

AREA ID: L-I93-15
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-I93-15 UA		Point ID		L-I93-15 UA	
NEZ	3841013.10	4713887.79	693.81				
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-I93-16
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Breckinridge	QUAD:	Lodiburg
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OPERATOR:	C. SANDERS	NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3854045.79	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4732591.64	500.65	394.26

SESSION	DATE:	05/02/2014	START TIME:	14:56:29	<input checked="" type="checkbox"/>	UTC
KYVRS	DAY OF YEAR:	122	END TIME:	15:01:47		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	<input checked="" type="checkbox"/>	FIXED HGT.

TOP OF MONUMENT IS:	<input checked="" type="checkbox"/>	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL RD @ RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	<input checked="" type="checkbox"/>	NEW CONTROL
	PUB. CONTROL		BASE STATION





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-193-16
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-16
Proj. No.:	7145-004

Photo:				Photo:			
Point ID		L-I93-16 BE		Point ID		L-I93-16 BE	
NEZ	3854147.51	4732516.22	510.14				

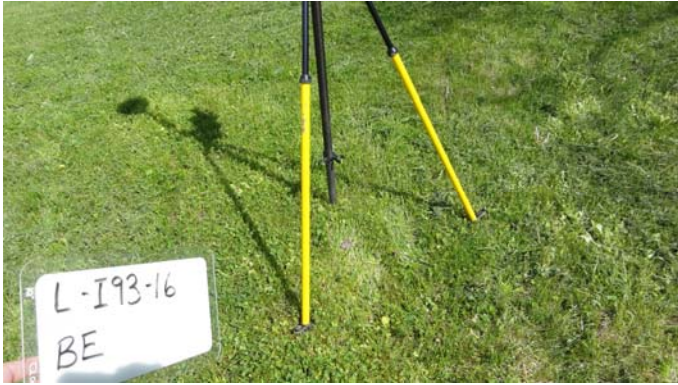


Photo:				Photo:			
Point ID		L-I93-16 BR		Point ID		L-I93-16 BR	
NEZ	3854084.82	4732555.90	506.55				



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Lexington, KY 40503
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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-16
Proj. No.:	7145-004

Photo:				Photo:			
Point ID		L-I93-16 FA		Point ID		L-I93-16 FA	
NEZ	3854072.30	4732553.17	507.51				



Photo:				Photo:			
Point ID		L-I93-16 HG		Point ID		L-I93-16 HG	
NEZ	3854095.49	4732667.60	501.76				







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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I93-16
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-I93-16 UA		Point ID		L-I93-16 UA	
NEZ	3854078.87	4732584.20	501.88				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-I93-17
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Breckinridge **QUAD:** Garfield

OPERATOR: C. SANDERS

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3841333.71	ELEVATION	ELLIPSOID
EASTING:	4764251.51	608.67	502.31

RECEIVER MODEL: TRMR8_GNS
S
RECEIVER S/N: 4849161172

SESSION	DATE: 05/02/2014	START TIME: 14:08:05	X	UTC
KYVRS	DAY OF YEAR: 122	END TIME: 14:13:13		LOCAL

ANTENNA HEIGHT (SLANT)

MTRS/FT		
	MEASURED	FIXED HGT.

ANTENNA

RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)

MTRS/FT	2.000	Meters
	MEASURED	X FIXED HGT.

TOP OF MONUMENT IS: X **FLUSH**

METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CORNER OF STRIPES NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-193-17
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-17
Proj. No.:	7145-004

Photo:				Photo:			
Point ID		L-I93-17 BE		Point ID		L-I93-17 BE	
NEZ	3841223.04	4764199.85	608.51				



Photo:				Photo:			
Point ID		L-I93-17 BR		Point ID		L-I93-17 BR	
NEZ	3841319.33	4763973.57	608.37				



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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-17
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-17 FA			Point ID	L-I93-17 FA		
NEZ	3841337.71	4763923.53	607.22				



Photo:				Photo:			
Point ID	L-I93-17 HG			Point ID	L-I93-17 HG		
NEZ	3841242.70	4763776.28	604.90				





**LiDAR Truing Points
FIELD DATA SHEET**

PAGE
3

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JOB REFERENCE
Kentucky Statewide

AREA ID: L-I93-17
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-I93-17 UA		Point ID		L-I93-17 UA	
NEZ	3841273.64	4764217.06	609.29				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-193-18
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Meade	QUAD:	Rock Haven
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OPERATOR:	C. SANDERS
------------------	------------

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3845097.57	ELEVATION	ELLIPSOID
EASTING:	4821509.57	727.82	620.58

RECEIVER MODEL:	TRMR8_GNS S
------------------------	----------------

RECEIVER S/N:	4849161172
----------------------	------------

SESSION
KYVRS

DATE:	04/29/2014
DAY OF YEAR:	119

START TIME:	18:52:27
END TIME:	18:58:04

X	UTC
	LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL DRIVE @ N SHOULDER NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

523 Wellington Way, Suite 375
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JOB REFERENCE
Kentucky Statewide

POINT ID: L-193-18
Proj. No.: 7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-18
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-18 BE			Point ID	L-I93-18 BE		
NEZ	3844718.62	4821496.54	706.09				

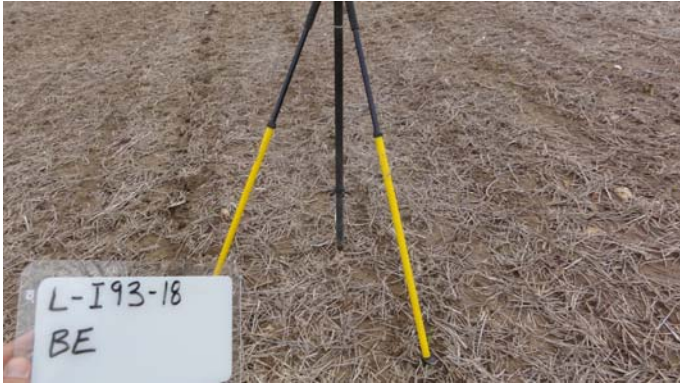


Photo:				Photo:			
Point ID	L-I93-18 BR			Point ID	L-I93-18 BR		
NEZ	3844882.21	4821464.64	719.12				



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Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-18
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-18 FA			Point ID	L-I93-18 FA		
NEZ	3844783.61	4821452.51	713.32				



Photo:				Photo:			
Point ID	L-I93-18 HG			Point ID	L-I93-18 HG		
NEZ	3845171.87	4821535.89	733.22				





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I93-18
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-I93-18 UA		Point ID		L-I93-18 UA	
NEZ	3845151.09	4821504.56	729.91				



Photo:				Photo:			
Point ID				Point ID			
NEZ							





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-193-19
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Meade **QUAD:** Flaherty

OPERATOR: C. SANDERS

NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING: 3824536.36	ELEVATION	ELLIPSOID
EASTING: 4826396.76	767.77	660.81

RECEIVER MODEL: TRMR8_GNS
S
RECEIVER S/N: 4849161172

SESSION	DATE: 04/29/2014	START TIME: 20:03:02	X	UTC
KYVRS	DAY OF YEAR: 119	END TIME: 20:08:42		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

SW CNR CONC DRIVE N SIDE RD

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide





POINT ID: L-193-19
Proj. No.: 7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-19
Proj. No.:	7145-004

Photo:				Photo:			
Point ID		L-I93-19 BE		Point ID		L-I93-19 BE	
NEZ	3824541.53	4826322.44	766.40				
							
Photo:				Photo:			
Point ID		L-I93-19 BR		Point ID		L-I93-19 BR	
NEZ	3823986.47	4826680.49	766.34				
							

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-19
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-19 FA			Point ID	L-I93-19 FA		
NEZ	3823979.45	4826690.74	765.06				



Photo:				Photo:			
Point ID	L-I93-19 HG			Point ID	L-I93-19 HG		
NEZ	3823983.53	4826635.03	773.71				





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I93-19
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-I93-19 UA		Point ID		L-I93-19 UA	
NEZ	3824514.13	4826361.86	769.18				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-193-20
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Breckinridge	QUAD:	Big Spring
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OPERATOR:	C. SANDERS	NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3813694.83	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4796525.08	665.38	559.16

SESSION	DATE:	05/02/2014	START TIME:	12:03:28	<input checked="" type="checkbox"/>	UTC
KYVRS	DAY OF YEAR:	122	END TIME:	12:08:47		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

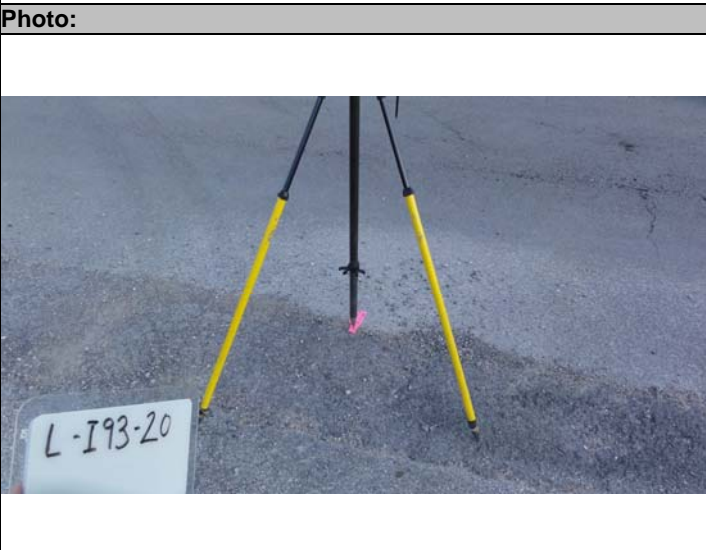
ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	<input checked="" type="checkbox"/>	FIXED HGT.

TOP OF MONUMENT IS:	<input checked="" type="checkbox"/>	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL RD @ RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	<input checked="" type="checkbox"/>	NEW CONTROL
	PUB. CONTROL		BASE STATION





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-193-20
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
 Lexington, KY 40503
 859-277-8700 voice 859-277-8901 fax

JOB REFERENCE Kentucky Statewide
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AREA ID:	L-I93-20
Proj. No.:	7145-004

Photo:				Photo:			
Point ID		L-I93-20 BE		Point ID		L-I93-20 BE	
NEZ	3813837.29	4796595.63	662.56				



Photo:				Photo:			
Point ID		L-I93-20 BR		Point ID		L-I93-20 BR	
NEZ	3813717.06	4796578.78	665.28				



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859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-20
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-20 FA			Point ID	L-I93-20 FA		
NEZ	3813738.65	4796610.40	665.55				



Photo:				Photo:			
Point ID	L-I93-20 HG			Point ID	L-I93-20 HG		
NEZ	3813816.09	4796617.81	664.80				





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I93-20
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-I93-20 UA		Point ID		L-I93-20 UA	
NEZ	3813714.30	4796559.47	666.11				
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-193-21
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Breckinridge	QUAD:	Big Spring
---------------	----	----------------	--------------	--------------	------------

OPERATOR:	C. SANDERS	NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3827194.63	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4779635.95	631.99	525.74

SESSION	DATE:	05/02/2014	START TIME:	13:19:25	<input checked="" type="checkbox"/>	UTC
KYVRS	DAY OF YEAR:	122	END TIME:	13:25:23		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

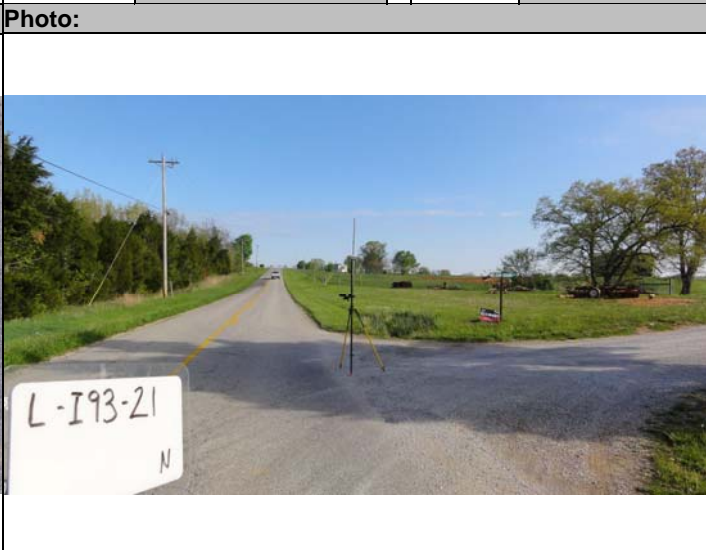
ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	<input checked="" type="checkbox"/>	FIXED HGT.

TOP OF MONUMENT IS:	<input checked="" type="checkbox"/>	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL RD @ RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	<input checked="" type="checkbox"/>	NEW CONTROL
	PUB. CONTROL		BASE STATION





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

POINT ID: L-193-21
Proj. No.: 7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-21
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-21 BE			Point ID	L-I93-21 BE		
NEZ	3827263.00	4779663.04	634.14				

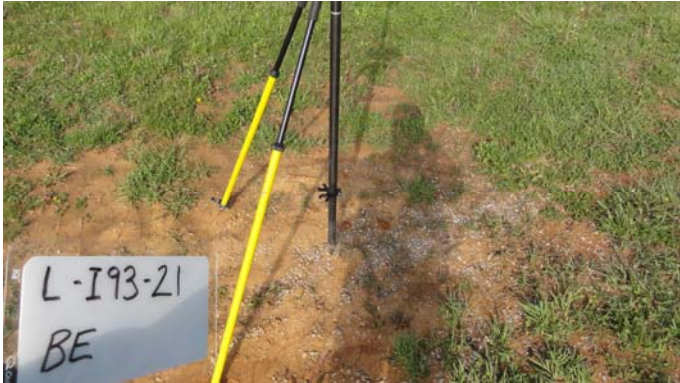


Photo:				Photo:			
Point ID	L-I93-21 BR			Point ID	L-I93-21 BR		
NEZ	3827033.90	4779593.24	624.41				



523 Wellington Way, Suite 375
Lexington, KY 40503
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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-21
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-21 FA			Point ID	L-I93-21 FA		
NEZ	3827001.59	4779542.87	620.72				



Photo:				Photo:			
Point ID	L-I93-21 HG			Point ID	L-I93-21 HG		
NEZ	3827220.16	4779586.17	629.56				





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I93-21
Proj. No.: 7145-002

Photo:				Photo:			
Point ID	L-I93-21 UA			Point ID	L-I93-21 UA		
NEZ	3827249.10	4779695.23	634.60				



Photo:				Photo:			
Point ID				Point ID			
NEZ							





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-193-22
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Breckinridge **QUAD:** Garfield

OPERATOR: B. Novy

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3811930.63	ELEVATION	ELLIPSOID
EASTING:	4751480.74	829.14	723.67

RECEIVER MODEL: TRMR8_GNS
S
RECEIVER S/N: 4849161172

SESSION	DATE: 05/02/2014	START TIME: 18:28:38	X	UTC
KYVRS	DAY OF YEAR: 122	END TIME: 18:29:08		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

SW CNR DR @ CLR CHANGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





GPS CONTROL SURVEY FIELD DATA SHEET
--

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-193-22
Proj. No.:	7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-22
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-22 BE			Point ID	L-I93-22 BE		
NEZ	3811937.98	4751444.00	827.61				



Photo:				Photo:			
Point ID	L-I93-22 BR			Point ID	L-I93-22 BR		
NEZ	3811887.74	4751648.03	828.51				



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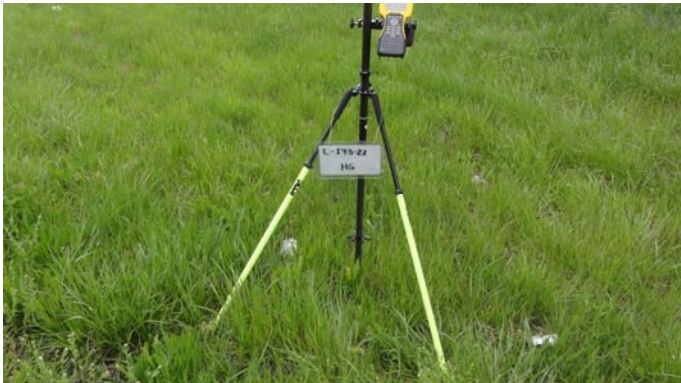
JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-22
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-22 FA			Point ID	L-I93-22 FA		
NEZ	3812001.36	4751514.39	823.05				



Photo:				Photo:			
Point ID	L-I93-22 HG			Point ID	L-I93-22 HG		
NEZ	3811998.41	4751618.26	825.15				







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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I93-22
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-I93-22 UA		Point ID		L-I93-22 UA	
NEZ	3811967.78	4751477.67	826.06				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-193-23
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Breckinridge **QUAD:** Hardinsburg

OPERATOR: C. SANDERS

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3829192.60	ELEVATION	ELLIPSOID
EASTING:	4732934.02	513.09	407.37

RECEIVER MODEL: TRMR8_GNS
S
RECEIVER S/N: 4849161172

SESSION	DATE: 05/02/2014	START TIME: 16:03:41	X	UTC
KYVRS	DAY OF YEAR: 122	END TIME: 16:09:04		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL RD @ RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

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JOB REFERENCE
Kentucky Statewide

POINT ID: L-193-23
Proj. No.: 7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-23
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-23 BE			Point ID	L-I93-23 BE		
NEZ	3829243.95	4732949.95	509.72				



Photo:				Photo:			
Point ID	L-I93-23 BR			Point ID	L-I93-23 BR		
NEZ	3829203.40	4733033.01	517.38				



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Lexington, KY 40503
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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-23
Proj. No.:	7145-004

Photo:				Photo:			
Point ID		L-I93-23 FA		Point ID		L-I93-23 FA	
NEZ	3829296.44	4733026.08	515.22				
							
Photo:				Photo:			
Point ID		L-I93-23 HG		Point ID		L-I93-23 HG	
NEZ	3829216.19	4733080.24	524.18				
							



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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I93-23
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-I93-23 UA		Point ID		L-I93-23 UA	
NEZ	3829206.71	4732907.73	510.16				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-I93-24
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Breckinridge **QUAD:** Mattingly

OPERATOR: C. SANDERS

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3820543.66	ELEVATION	ELLIPSOID
EASTING:	4700069.26	600.86	495.89

RECEIVER MODEL: TRMR8_GNS
S
RECEIVER S/N: 4849161172

SESSION	DATE: 05/01/2014	START TIME: 18:39:11	X	UTC
KYVRS	DAY OF YEAR: 121	END TIME: 18:44:32		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL RD @ SHOULDER NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-193-24
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

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Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-24
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-24 BE			Point ID	L-I93-24 BE		
NEZ	3820494.57	4700063.57	600.19				



Photo:				Photo:			
Point ID	L-I93-24 BR			Point ID	L-I93-24 BR		
NEZ	3820306.29	4699933.71	596.07				



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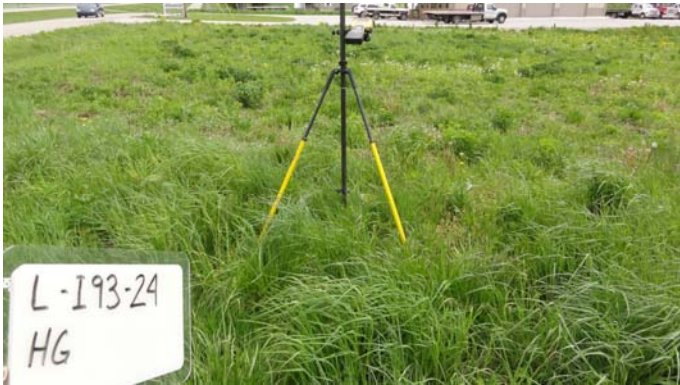
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Kentucky Statewide

AREA ID:	L-I93-24
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-24 FA			Point ID	L-I93-24 FA		
NEZ	3820529.32	4699947.83	598.00				



Photo:				Photo:			
Point ID	L-I93-24 HG			Point ID	L-I93-24 HG		
NEZ	3820401.97	4700056.91	603.88				





**LiDAR Truing Points
FIELD DATA SHEET**

PAGE
3

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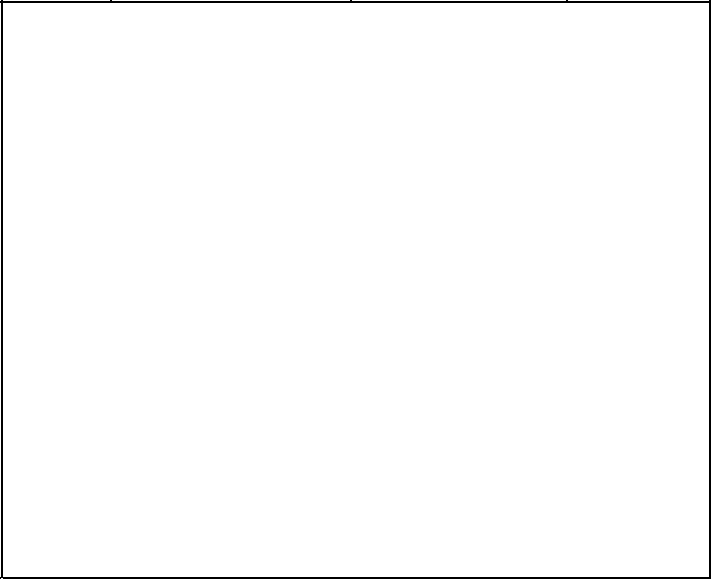
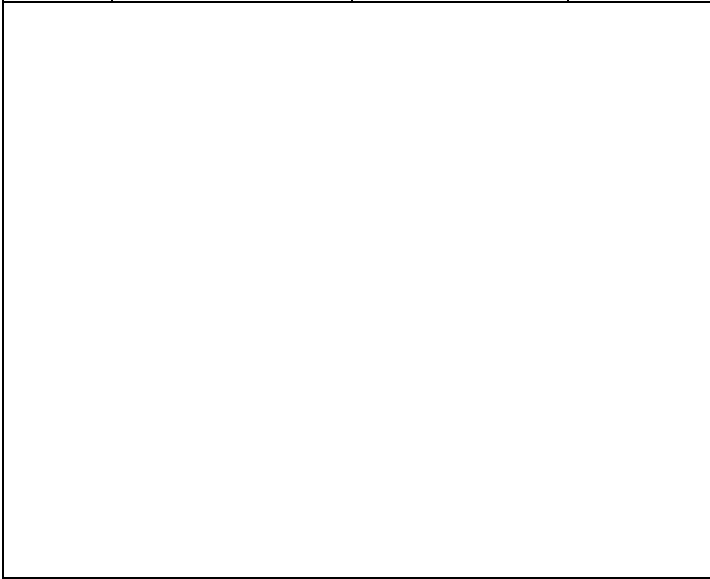
JOB REFERENCE
Kentucky Statewide

AREA ID: L-I93-24
Proj. No.: 7145-002

Photo:				Photo:			
Point ID	L-I93-24 UA			Point ID	L-I93-24 UA		
NEZ	3820499.83	4700023.87	600.23				



Photo:				Photo:			
Point ID				Point ID			
NEZ							





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-I93-25
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Breckinridge **QUAD:** Cloverport

OPERATOR: C. SANDERS

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3811022.43	ELEVATION	ELLIPSOID
EASTING:	4658630.02	421.17	317.37

RECEIVER MODEL: TRMR8_GNS
S
RECEIVER S/N: 4849161172

SESSION	DATE: 05/01/2014	START TIME: 19:41:18	X	UTC
KYVRS	DAY OF YEAR: 121	END TIME: 19:47:45		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL DRIVE @ RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-193-25
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide





AREA ID:	L-I93-25
Proj. No.:	7145-004

Photo:				Photo:			
Point ID		L-I93-25 BE		Point ID		L-I93-25 BE	
NEZ	3811069.78	4658592.16	422.03				
							
Photo:				Photo:			
Point ID		L-I93-25 BR		Point ID		L-I93-25 BR	
NEZ	3811247.86	4658598.83	428.76				
							

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Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-25
Proj. No.:	7145-004

Photo:				Photo:			
Point ID		L-I93-25 FA		Point ID		L-I93-25 FA	
NEZ	3810971.24	4658616.54	419.01				
							
Photo:				Photo:			
Point ID		L-I93-25 HG		Point ID		L-I93-25 HG	
NEZ	3810960.63	4658750.53	416.73				
							



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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

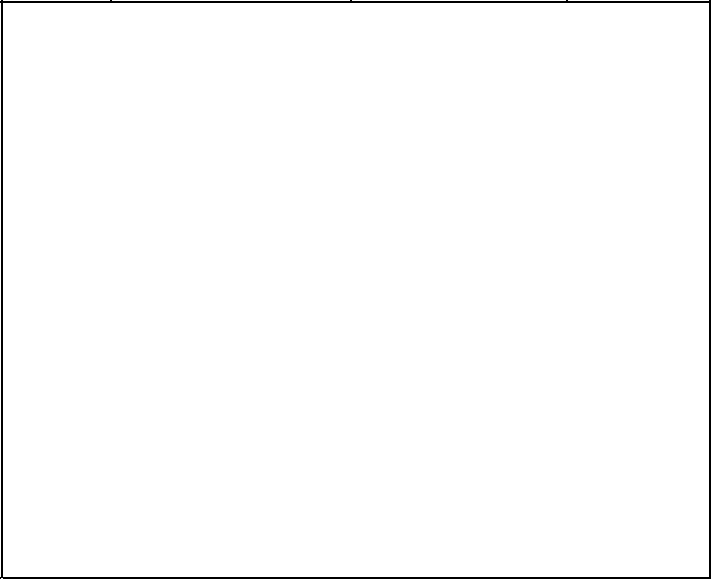
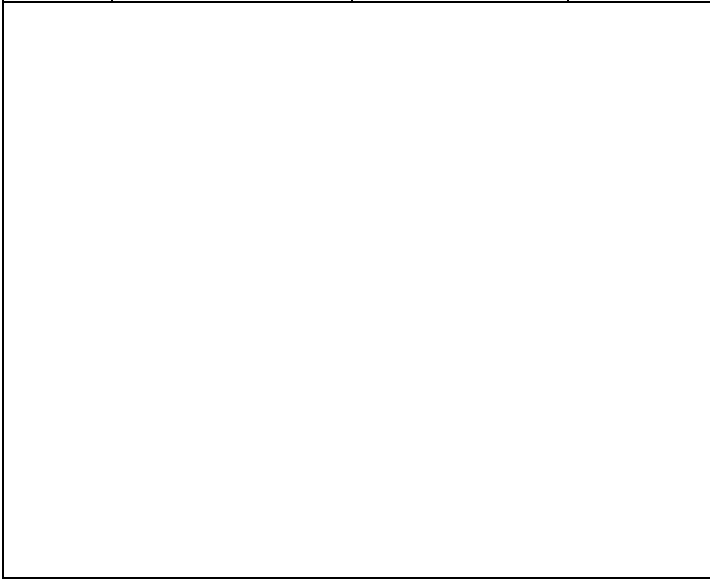
JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I93-25
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-I93-25 UA		Point ID		L-I93-25 UA	
NEZ	3810998.16	4658653.95	420.31				



Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID: L-I93-26
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Hancock **QUAD:** Fordsville

OPERATOR: C. SANDERS

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3781267.69	ELEVATION	ELLIPSOID
EASTING:	4660518.26	634.20	531.12

RECEIVER MODEL: TRMR8_GNS S3
RECEIVER S/N: 50464555856

SESSION	DATE: 05/01/2014	START TIME: 21:11:00	X	UTC
OPUS-RS	DAY OF YEAR: 121	END TIME: 22:07:35		LOCAL

ANTENNA HEIGHT (SLANT)

MTRS/FT		
	MEASURED	FIXED HGT.

ANTENNA

RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)

MTRS/FT	2.048	Meters
	MEASURED	X FIXED HGT.

TOP OF MONUMENT IS: X **FLUSH**

METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL SE END DBL YELLOW STRIPE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

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JOB REFERENCE
Kentucky Statewide

POINT ID: L-193-26
Proj. No.: 7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-26
Proj. No.:	7145-004

Photo:				Photo:			
Point ID		L-I93-26 BE		Point ID		L-I93-26 BE	
NEZ	3781152.70	4660604.30	631.27				



Photo:				Photo:			
Point ID		L-I93-26 BR		Point ID		L-I93-26 BR	
NEZ	3781384.12	4660463.39	651.40				



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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-26
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-26 FA			Point ID	L-I93-26 FA		
NEZ	3781342.71	4660550.55	633.16				



Photo:				Photo:			
Point ID	L-I93-26 HG			Point ID	L-I93-26 HG		
NEZ	3781286.45	4660604.22	631.24				



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Photo:				Photo:			
Point ID		L-I93-26 UA		Point ID		L-I93-26 UA	
NEZ	3781166.22	4660624.15	632.68				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-193-27
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Breckinridge **QUAD:** Mattingly

OPERATOR: C. SANDERS

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3805755.72	ELEVATION	ELLIPSOID
EASTING:	4689401.13	603.99	499.64

RECEIVER MODEL: TRMR8_GNS
S
RECEIVER S/N: 4849161172

SESSION	DATE: 05/02/2014	START TIME: 17:07:39	X	UTC
KYVRS	DAY OF YEAR: 122	END TIME: 17:12:31		LOCAL

ANTENNA HEIGHT (SLANT)

MTRS/FT		
	MEASURED	FIXED HGT.

ANTENNA

RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)

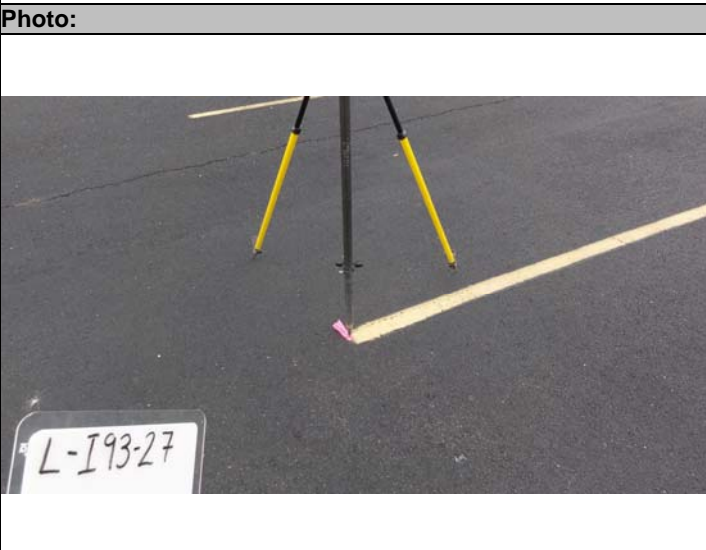
MTRS/FT	2.000	Meters
	MEASURED	X FIXED HGT.

TOP OF MONUMENT IS:

X	FLUSH
	ABOVE GROUND
	BELOW GROUND

END OF STRIPE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION





GPS CONTROL SURVEY FIELD DATA SHEET
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523 Wellington Way, Suite 375
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JOB REFERENCE
Kentucky Statewide

POINT ID:	L-193-27
Proj. No.:	7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-27
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-27 BE			Point ID	L-I93-27 BE		
NEZ	3805694.52	4689365.35	599.18				



Photo:				Photo:			
Point ID	L-I93-27 BR			Point ID	L-I93-27 BR		
NEZ	3805866.47	4689295.88	605.53				



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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-27
Proj. No.:	7145-004

Photo:				Photo:			
Point ID		L-I93-27 FA		Point ID		L-I93-27 FA	
NEZ	3805873.50	4689439.08	609.17				



Photo:				Photo:			
Point ID		L-I93-27 HG		Point ID		L-I93-27 HG	
NEZ	3805873.31	4689350.64	607.56				





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I93-27
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-I93-27 UA		Point ID		L-I93-27 UA	
NEZ	3805778.34	4689445.15	606.51				
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-193-28
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Breckinridge **QUAD:** Hardinsburg

OPERATOR: C. SANDERS

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3801680.51	ELEVATION	ELLIPSOID
EASTING:	4715893.27	657.05	552.37

RECEIVER MODEL: TRMR8_GNS
S
RECEIVER S/N: 4849161172

SESSION	DATE: 05/01/2014	START TIME: 17:55:04	X	UTC
KYVRS	DAY OF YEAR: 121	END TIME: 18:00:08		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

TIP OF STRIPES NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-193-28
Proj. No.: 7145-004





523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-28
Proj. No.:	7145-004

Photo:				Photo:			
Point ID		L-I93-28 BE		Point ID		L-I93-28 BE	
NEZ	3801553.50	4715893.24	659.42				
							
Photo:				Photo:			
Point ID		L-I93-28 BR		Point ID		L-I93-28 BR	
NEZ	3801407.33	4715997.39	668.51				
							

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-28
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-28 FA			Point ID	L-I93-28 FA		
NEZ	3801187.56	4716158.03	671.45				



Photo:				Photo:			
Point ID	L-I93-28 HG			Point ID	L-I93-28 HG		
NEZ	3801217.30	4715940.90	667.64				





**LiDAR Truing Points
FIELD DATA SHEET**

PAGE
3

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID: L-I93-28
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-I93-28 UA		Point ID		L-I93-28 UA	
NEZ	3801639.00	4715915.39	657.85				
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-193-29
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Breckinridge	QUAD:	Custer
---------------	----	----------------	--------------	--------------	--------

OPERATOR:	B. Novy
------------------	---------

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3792600.04	ELEVATION	ELLIPSOID
EASTING:	4751624.94	714.69	609.64

RECEIVER MODEL:	TRMR8_GNS S
------------------------	----------------

RECEIVER S/N:	4849161172
----------------------	------------

SESSION
KYVRS

DATE:	05/02/2014
DAY OF YEAR:	122

START TIME:	17:30:03
END TIME:	17:34:39

X	UTC
	LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL DRIVE @ S EDGE RD NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-193-29
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-29
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-29 BE			Point ID	L-I93-29 BE		
NEZ	3792503.26	4751643.28	717.31				
							
Photo:				Photo:			
Point ID	L-I93-29 BR			Point ID	L-I93-29 BR		
NEZ	3792639.28	4751616.37	710.38				
							

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-29
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-29 FA			Point ID	L-I93-29 FA		
NEZ	3792009.41	4751508.12	725.85				



Photo:				Photo:			
Point ID	L-I93-29 HG			Point ID	L-I93-29 HG		
NEZ	3792543.48	4751685.39	714.04				







523 Wellington Way, Suite 375
 Lexington, KY 40503
 859-277-8700 voice 859-277-8901 fax

**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I93-29
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-I93-29 UA		Point ID		L-I93-29 UA	
NEZ	3792525.12	4751599.96	715.23				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-193-30
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Breckinridge **QUAD:** Constantine

OPERATOR: B. Novy

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3778758.70	ELEVATION	ELLIPSOID
EASTING:	4784334.88	783.06	677.80

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 05/02/2014
DAY OF YEAR: 122

START TIME: 16:45:01
END TIME: 16:49:08

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)

MTRS/FT	MEASURED	FIXED HGT.

ANTENNA

RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)

MTRS/FT	2.000	Meters
	MEASURED	X FIXED HGT.

TOP OF MONUMENT IS: X **FLUSH**

METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

NE CNR DR @ CLR CHANGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

POINT ID: L-193-30
Proj. No.: 7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-30
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-30 BE			Point ID	L-I93-30 BE		
NEZ	3778692.29	4784353.35	783.85				



Photo:				Photo:			
Point ID	L-I93-30 BR			Point ID	L-I93-30 BR		
NEZ	3777460.10	4784330.54	774.08				



523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-30
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-30 FA			Point ID	L-I93-30 FA		
NEZ	3777352.09	4784345.62	776.41				
							
Photo:				Photo:			
Point ID	L-I93-30 HG			Point ID	L-I93-30 HG		
NEZ	3777297.64	4784302.84	776.06				
							





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 Lexington, KY 40503
 859-277-8700 voice 859-277-8901 fax

**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I93-30
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-I93-30 UA		Point ID		L-I93-30 UA	
NEZ	3778731.13	4784366.63	783.82				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-I93-31
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Breckinridge **QUAD:** Kingswood

OPERATOR: C. SANDERS

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3777365.80	ELEVATION	ELLIPSOID
EASTING:	4731004.53	749.27	644.84

RECEIVER MODEL: TRMR8_GNS
S
RECEIVER S/N: 4849161172

SESSION	DATE: 05/02/2014	START TIME: 19:01:37	X	UTC
KYVRS	DAY OF YEAR: 122	END TIME: 19:06:41		LOCAL

ANTENNA HEIGHT (SLANT)

MTRS/FT		
	MEASURED	FIXED HGT.

ANTENNA

RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)

MTRS/FT	2.000	Meters
	MEASURED	X FIXED HGT.

TOP OF MONUMENT IS: X **FLUSH**

METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

W END PARK STRIPE V NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

POINT ID: L-193-31
Proj. No.: 7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-31
Proj. No.:	7145-004

Photo:				Photo:			
Point ID		L-I93-31 BE		Point ID		L-I93-31 BE	
NEZ	3777329.73	4731062.27	748.70				
							
Photo:				Photo:			
Point ID		L-I93-31 BR		Point ID		L-I93-31 BR	
NEZ	3777321.06	4731450.98	742.08				
							

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-31
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-31 FA			Point ID	L-I93-31 FA		
NEZ	3777368.01	4731997.20	741.50				
							
Photo:				Photo:			
Point ID	L-I93-31 HG			Point ID	L-I93-31 HG		
NEZ	3777303.50	4731194.17	745.85				
							



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 Lexington, KY 40503
 859-277-8700 voice 859-277-8901 fax

**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I93-31
Proj. No.: 7145-002

Photo:				Photo:			
Point ID	L-I93-31 UA			Point ID	L-I93-31 UA		
NEZ	3777350.58	4730961.68	748.83				
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-193-32
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Breckinridge **QUAD:** Glen Dean

OPERATOR: C. SANDERS

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3782106.87	ELEVATION	ELLIPSOID
EASTING:	4695310.58	680.88	577.00

RECEIVER MODEL: TRMR8_GNS
S
RECEIVER S/N: 4849161172

SESSION	DATE: 05/02/2014	START TIME: 17:53:12	X	UTC
KYVRS	DAY OF YEAR: 122	END TIME: 17:58:07		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL RD @ RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-193-32
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-32
Proj. No.:	7145-004

Photo:				Photo:			
Point ID		L-I93-32 BE		Point ID		L-I93-32 BE	
NEZ	3782043.12	4695274.44	681.85				
							
Photo:				Photo:			
Point ID		L-I93-32 BR		Point ID		L-I93-32 BR	
NEZ	3783104.24	4695260.00	694.52				
							

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I93-32
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I93-32 FA			Point ID	L-I93-32 FA		
NEZ	3782424.20	4695266.14	689.87				



Photo:				Photo:			
Point ID	L-I93-32 HG			Point ID	L-I93-32 HG		
NEZ	3782145.28	4695268.32	683.92				





523 Wellington Way, Suite 375
 Lexington, KY 40503
 859-277-8700 voice 859-277-8901 fax

**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

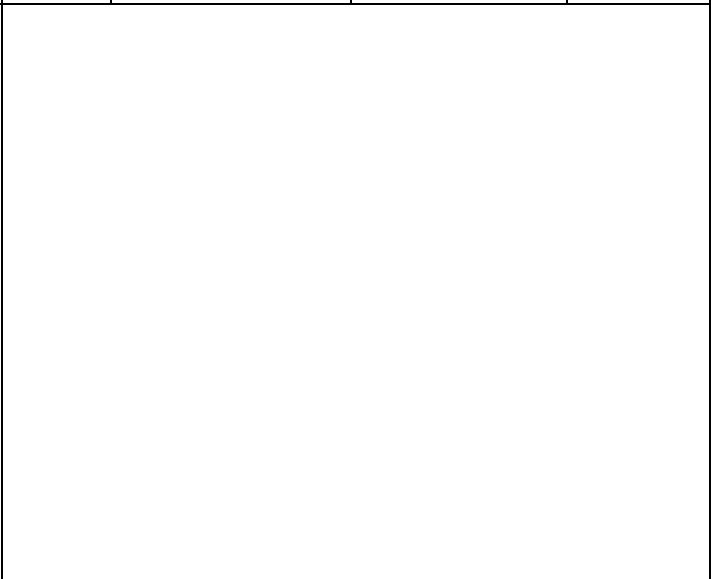
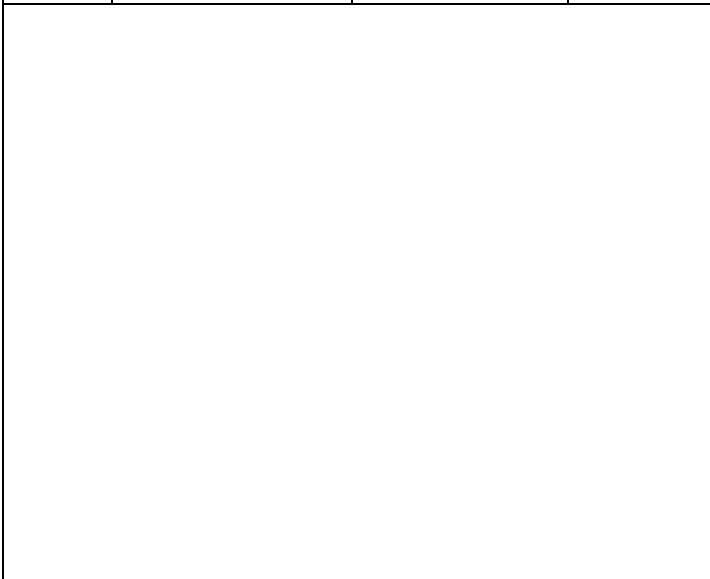
JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I93-32
Proj. No.: 7145-002

Photo:				Photo:			
Point ID	L-I93-32 UA			Point ID	L-I93-32 UA		
NEZ	3782134.08	4695306.72	681.70				



Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-196-01
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Monroe	QUAD:	Sulphur Lick
---------------	----	----------------	--------	--------------	--------------

OPERATOR:	B. Novy	NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3464012.96	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4941802.64	934.04	833.29

SESSION	DATE:	04/21/2014	START TIME:	15:31:02	X	UTC
KYVRS	DAY OF YEAR:	111	END TIME:	15:36:50		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL S END PARK STRIPE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-196-01
Proj. No.: 7145-004





523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I96-01
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I96-01 BE			Point ID	L-I96-01 BE		
NEZ	3464214.48	4941530.70	955.95				
							
Photo:				Photo:			
Point ID	L-I96-01 BR			Point ID	L-I96-01 BR		
NEZ	3464109.30	4941600.79	951.93				
							

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I96-01
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I96-01 FA			Point ID	L-I96-01 FA		
NEZ	3464052.98	4941666.91	945.26				
							
Photo:				Photo:			
Point ID	L-I96-01 HG			Point ID	L-I96-01 HG		
NEZ	3464180.04	4941524.35	955.70				
							



523 Wellington Way, Suite 375
 Lexington, KY 40503
 859-277-8700 voice 859-277-8901 fax

**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

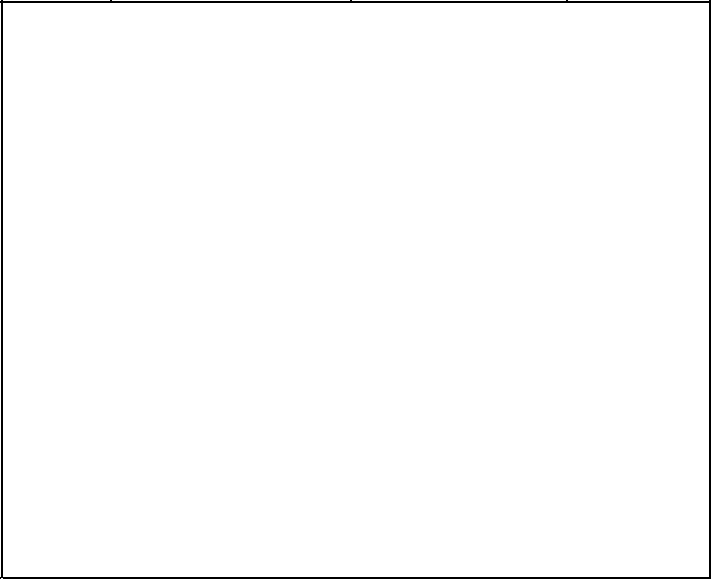
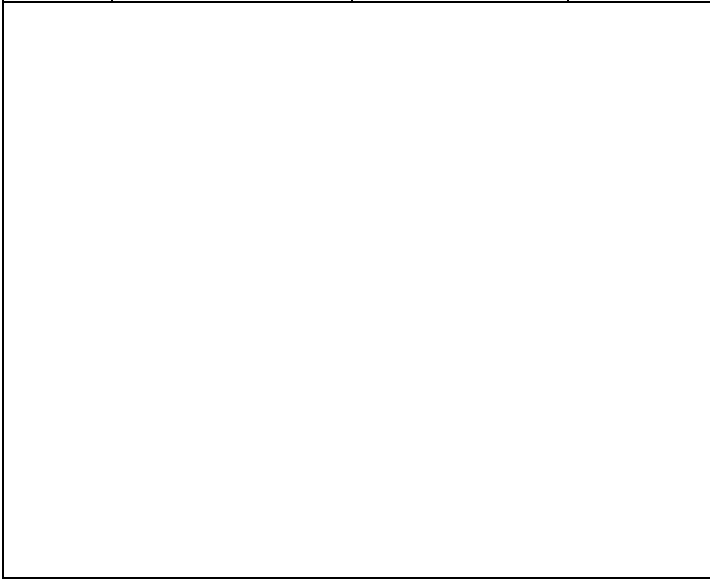
JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I96-01
Proj. No.: 7145-002

Photo:				Photo:			
Point ID	L-I96-01 UA			Point ID	L-I96-01 UA		
NEZ	3464096.53	4941769.15	938.72				



Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-196-02
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Cumberland	QUAD:	Dubre
---------------	----	----------------	------------	--------------	-------

OPERATOR:	B. Novy	NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3464709.29	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4975605.82	656.28	555.27

SESSION	DATE:	04/21/2014	START TIME:	16:19:12	<input checked="" type="checkbox"/>	UTC
KYVRS	DAY OF YEAR:	111	END TIME:	16:23:28		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	<input checked="" type="checkbox"/>	FIXED HGT.

TOP OF MONUMENT IS:	<input checked="" type="checkbox"/>	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL W END STOP BAR NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	<input checked="" type="checkbox"/>	NEW CONTROL
	PUB. CONTROL		BASE STATION





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-196-02
Proj. No.: 7145-004





523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I96-02
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I96-02 BE			Point ID	L-I96-02 BE		
NEZ	3464636.39	4975520.25	645.38				
							
Photo:				Photo:			
Point ID	L-I96-02 BR			Point ID	L-I96-02 BR		
NEZ	3464900.10	4974810.10	652.13				
							

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I96-02
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I96-02 FA			Point ID	L-I96-02 FA		
NEZ	3464927.24	4974939.51	654.26				



Photo:				Photo:			
Point ID	L-I96-02 HG			Point ID	L-I96-02 HG		
NEZ	3464891.23	4974857.16	653.78				







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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I96-02
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-I96-02 UA		Point ID		L-I96-02 UA	
NEZ	3464741.21	4975552.00	657.08				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-196-03
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Cumberland **QUAD:** Dubre

OPERATOR: B. Novy

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3470589.82	ELEVATION	ELLIPSOID
EASTING:	4994268.79	611.13	509.86

RECEIVER MODEL: TRMR8_GNS
S
RECEIVER S/N: 4849161172

SESSION	DATE: 04/22/2014	START TIME: 13:20:12	X	UTC
KYVRS	DAY OF YEAR: 112	END TIME: 13:24:35		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:		
	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL NE END DR @ W EDGE RD NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-196-03
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

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Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I96-03
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I96-03 BE			Point ID	L-I96-03 BE		
NEZ	3470547.44	4994250.78	609.07				

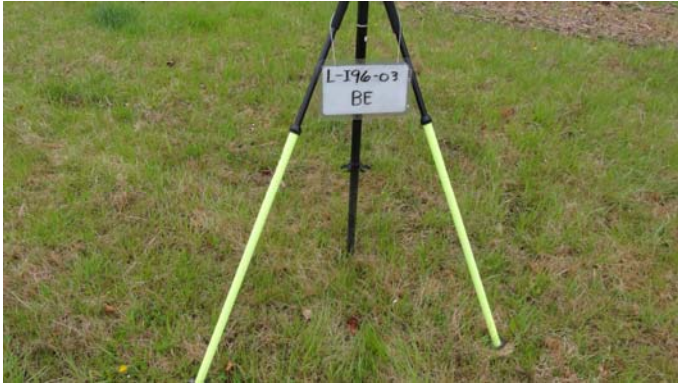


Photo:				Photo:			
Point ID	L-I96-03 BR			Point ID	L-I96-03 BR		
NEZ	3468699.08	4995558.70	610.15				



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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I96-03
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I96-03 FA			Point ID	L-I96-03 FA		
NEZ	3468750.77	4995548.93	607.14				



Photo:				Photo:			
Point ID	L-I96-03 HG			Point ID	L-I96-03 HG		
NEZ	3468682.71	4995514.79	605.65				





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I96-03
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-I96-03 UA		Point ID		L-I96-03 UA	
NEZ	3470484.88	4994294.67	610.94				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-196-04
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Adair **QUAD:** Breeding

OPERATOR: B. Novy

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3508281.78	ELEVATION	ELLIPSOID
EASTING:	5012927.31	979.63	877.63

RECEIVER MODEL: TRMR8_GNS
S
RECEIVER S/N: 4849161172

SESSION	DATE: 04/22/2014	START TIME: 14:24:30	X	UTC
KYVRS	DAY OF YEAR: 112	END TIME: 14:31:47		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL S ENTRANCE @ N EDGE RD NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-196-04
Proj. No.: 7145-004





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Lexington, KY 40503
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Photo:	Photo:
Photo:	Photo:

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Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide





AREA ID:	L-I96-04
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I96-04 BE			Point ID	L-I96-04 BE		
NEZ	3508249.15	5012946.17	979.01				
							
Photo:				Photo:			
Point ID	L-I96-04 BR			Point ID	L-I96-04 BR		
NEZ	3509825.73	5013577.18	1031.98				
							

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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I96-04
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I96-04 FA			Point ID	L-I96-04 FA		
NEZ	3508457.05	5012864.31	974.97				
							
Photo:				Photo:			
Point ID	L-I96-04 HG			Point ID	L-I96-04 HG		
NEZ	3508439.03	5012890.08	975.55				
							





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I96-04
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-I96-04 UA		Point ID		L-I96-04 UA	
NEZ	3508320.95	5012932.51	978.37				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-196-05
Proj. No.:	7145-004

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859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Metcalf	QUAD:	Edmonton
---------------	----	----------------	---------	--------------	----------

OPERATOR:	B. Novy	NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3500352.27	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4980409.57	992.57	890.91

SESSION	DATE:	04/21/2014	START TIME:	19:12:45	<input checked="" type="checkbox"/>	UTC
KYVRS	DAY OF YEAR:	111	END TIME:	19:16:57		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	<input checked="" type="checkbox"/>	FIXED HGT.

TOP OF MONUMENT IS:	<input checked="" type="checkbox"/>	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL GRVL RD @ W PAVED RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	<input checked="" type="checkbox"/>	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-196-05
Proj. No.: 7145-004





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Lexington, KY 40503
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Photo:	Photo:
Photo:	Photo:

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Lexington, KY 40503
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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I96-05
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I96-05 BE			Point ID	L-I96-05 BE		
NEZ	3500395.41	4980434.95	991.16				
							
Photo:				Photo:			
Point ID	L-I96-05 BR			Point ID	L-I96-05 BR		
NEZ	3500348.53	4980365.23	995.19				
							

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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I96-05
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I96-05 FA			Point ID	L-I96-05 FA		
NEZ	3500526.58	4980474.46	982.24				



Photo:				Photo:			
Point ID	L-I96-05 HG			Point ID	L-I96-05 HG		
NEZ	3500450.05	4980541.07	980.75				







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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I96-05
Proj. No.: 7145-002

Photo:				Photo:			
Point ID	L-I96-05 UA			Point ID	L-I96-05 UA		
NEZ	3500323.02	4980308.50	995.94				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-196-06
Proj. No.:	7145-004

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STATE:	KY	COUNTY:	Metcalf	QUAD:	Edmonton
---------------	----	----------------	---------	--------------	----------

OPERATOR:	B. Novy
------------------	---------

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3516374.60	ELEVATION	ELLIPSOID
EASTING:	4960188.21	845.76	743.90

RECEIVER MODEL:	TRMR8_GNS S
RECEIVER S/N:	4849161172

SESSION
KYVRS

DATE:	04/21/2014
DAY OF YEAR:	111

START TIME:	17:38:17
END TIME:	17:42:13

X	UTC
	LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

S ISECT OF PARK STRIPES NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-196-06
Proj. No.: 7145-004

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Lexington, KY 40503
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Photo:	Photo:
Photo:	Photo:

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Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I96-06
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I96-06 BE			Point ID	L-I96-06 BE		
NEZ	3516338.51	4960113.85	845.91				



Photo:				Photo:			
Point ID	L-I96-06 BR			Point ID	L-I96-06 BR		
NEZ	3516629.37	4960068.27	837.89				



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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-196-06
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-196-06 FA			Point ID	L-196-06 FA		
NEZ	3516423.86	4960139.89	844.71				



Photo:				Photo:			
Point ID	L-196-06 HG			Point ID	L-196-06 HG		
NEZ	3516718.97	4960174.26	833.60				





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I96-06
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-I96-06 UA		Point ID		L-I96-06 UA	
NEZ	3516531.32	4960177.24	845.51				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-196-07
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Metcalfe **QUAD:** Summer Shade

OPERATOR: B. Novy

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3494583.76	ELEVATION	ELLIPSOID
EASTING:	4951833.15	894.80	793.45

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 04/21/2014
DAY OF YEAR: 111

START TIME: 18:26:07
END TIME: 18:30:31

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:		
	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

N EDGE RD @ SW CNR GRVL DR NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-196-07
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

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Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I96-07
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I96-07 BE			Point ID	L-I96-07 BE		
NEZ	3494708.89	4951799.38	884.96				
							
Photo:				Photo:			
Point ID	L-I96-07 BR			Point ID	L-I96-07 BR		
NEZ	3494664.21	4951673.91	875.67				
							

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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I96-07
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I96-07 FA			Point ID	L-I96-07 FA		
NEZ	3494608.57	4951806.35	894.99				



Photo:				Photo:			
Point ID	L-I96-07 HG			Point ID	L-I96-07 HG		
NEZ	3494637.23	4951624.07	871.29				





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I96-07
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-I96-07 UA		Point ID		L-I96-07 UA	
NEZ	3494693.88	4951672.78	871.97				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-196-08
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Barren **QUAD:** Temple Hill

OPERATOR: B. Novy

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3488813.97	ELEVATION	ELLIPSOID
EASTING:	4920232.31	832.56	731.49

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 04/21/2014
DAY OF YEAR: 111

START TIME: 20:11:05
END TIME: 20:16:08

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:		
	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL S EDGE DR @ NE RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-196-08
Proj. No.: 7145-004





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Photo:	Photo:
Photo:	Photo:

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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I96-08
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I96-08 BE			Point ID	L-I96-08 BE		
NEZ	3488853.22	4920226.47	834.86				
							
Photo:				Photo:			
Point ID	L-I96-08 BR			Point ID	L-I96-08 BR		
NEZ	3488906.09	4920173.89	837.51				
							

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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I96-08
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I96-08 FA			Point ID	L-I96-08 FA		
NEZ	3488986.66	4920101.88	841.79				



Photo:				Photo:			
Point ID	L-I96-08 HG			Point ID	L-I96-08 HG		
NEZ	3488937.15	4920143.40	837.78				





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I96-08
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-I96-08 UA		Point ID		L-I96-08 UA	
NEZ	3488819.08	4920158.91	833.90				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-196-09
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Barren **QUAD:** Hisenville

OPERATOR: B. Novy

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3525704.69	ELEVATION	ELLIPSOID
EASTING:	4919603.01	875.78	774.01

RECEIVER MODEL: TRMR8_GNS
S
RECEIVER S/N: 4849161172

SESSION	DATE: 04/22/2014	START TIME: 20:35:40	X	UTC
KYVRS	DAY OF YEAR: 112	END TIME: 20:40:10		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL S EDGE DR @ N EDGE RD NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-196-09
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
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Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I96-09
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I96-09 BE			Point ID	L-I96-09 BE		
NEZ	3525789.06	4919571.57	881.94				



Photo:				Photo:			
Point ID	L-I96-09 BR			Point ID	L-I96-09 BR		
NEZ	3525740.08	4919286.90	878.41				



523 Wellington Way, Suite 375
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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I96-09
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I96-09 FA			Point ID	L-I96-09 FA		
NEZ	3525741.03	4919535.33	879.86				



Photo:				Photo:			
Point ID	L-I96-09 HG			Point ID	L-I96-09 HG		
NEZ	3525845.60	4919303.26	885.75				





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

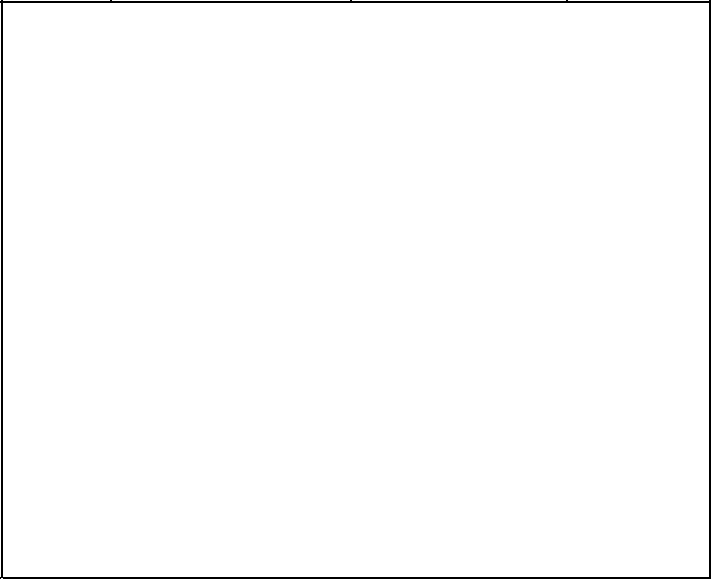
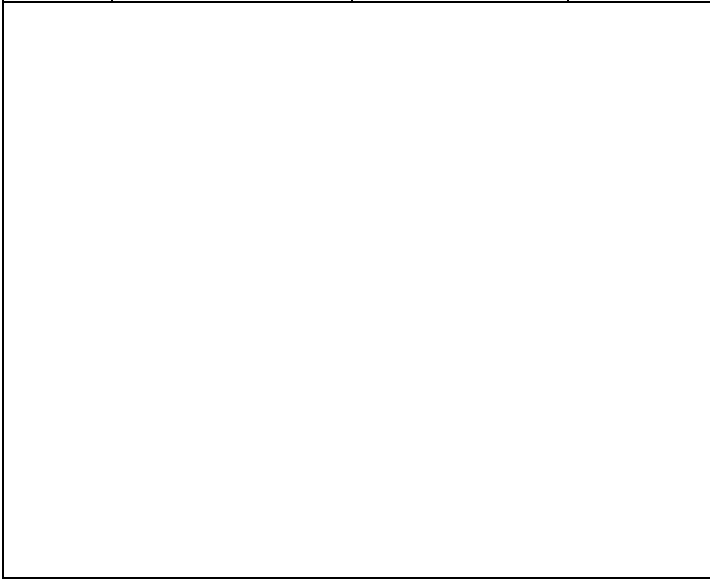
JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I96-09
Proj. No.: 7145-002

Photo:				Photo:			
Point ID	L-I96-09 UA			Point ID	L-I96-09 UA		
NEZ	3525763.57	4919622.57	881.33				



Photo:				Photo:			
Point ID				Point ID			
NEZ							





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-196-10
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Metcalfe **QUAD:** Hisenville

OPERATOR: B. Novy

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3561141.13	ELEVATION	ELLIPSOID
EASTING:	4920666.26	777.48	674.91

RECEIVER MODEL: TRMR8_GNS
S
RECEIVER S/N: 4849161172

SESSION	DATE: 04/22/2014	START TIME: 19:03:43	X	UTC
KYVRS	DAY OF YEAR: 112	END TIME: 19:08:41		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

NW CNR DR @ COLOR CHANGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





GPS CONTROL SURVEY FIELD DATA SHEET
--

PAGE
2

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-196-10
Proj. No.:	7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I96-10
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I96-10 BE			Point ID	L-I96-10 BE		
NEZ	3561122.53	4920658.95	777.10				





Photo:				Photo:			
Point ID	L-I96-10 BR			Point ID	L-I96-10 BR		
NEZ	3561428.30	4921020.31	776.90				



523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE Kentucky Statewide
--

AREA ID: L-I96-10
Proj. No.: 7145-004

Photo:				Photo:			
Point ID		L-I96-10 FA		Point ID		L-I96-10 FA	
NEZ	3562249.02	4920888.19	764.47				
							
Photo:				Photo:			
Point ID		L-I96-10 HG		Point ID		L-I96-10 HG	
NEZ	3562225.30	4920996.11	766.37				
							



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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

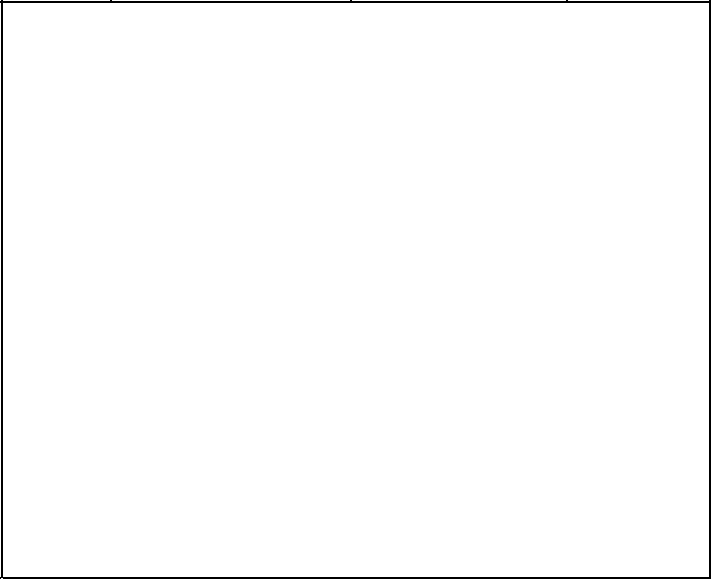
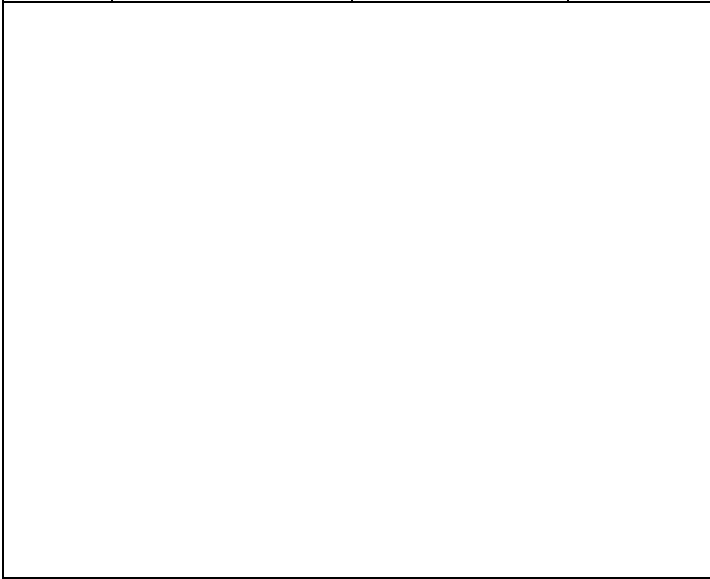
JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I96-10
Proj. No.: 7145-002

Photo:				Photo:			
Point ID	L-I96-10 UA			Point ID	L-I96-10 UA		
NEZ	3561143.19	4920709.22	778.75				



Photo:				Photo:			
Point ID				Point ID			
NEZ							





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-196-11
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Metcalfe **QUAD:** Sulfur Well

OPERATOR: B. Novy

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3552849.74	ELEVATION	ELLIPSOID
EASTING:	4938802.85	816.93	714.47

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 04/22/2014
DAY OF YEAR: 112

START TIME: 18:18:08
END TIME: 18:27:17

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:		
	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

SW CNR WALK @ ASPHALT LOT

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





GPS CONTROL SURVEY FIELD DATA SHEET
--

PAGE
2

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-196-11
Proj. No.:	7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

**LiDAR Truing Points
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I96-11
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I96-11 BE			Point ID	L-I96-11 BE		
NEZ	3552791.15	4938753.73	816.96				



Photo:				Photo:			
Point ID	L-I96-11 BR			Point ID	L-I96-11 BR		
NEZ	3552935.34	4938655.67	808.08				



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Lexington, KY 40503
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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I96-11
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I96-11 FA			Point ID	L-I96-11 FA		
NEZ	3552898.76	4938792.79	816.51				
							
Photo:				Photo:			
Point ID	L-I96-11 HG			Point ID	L-I96-11 HG		
NEZ	3553196.74	4938530.30	796.63				
							



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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

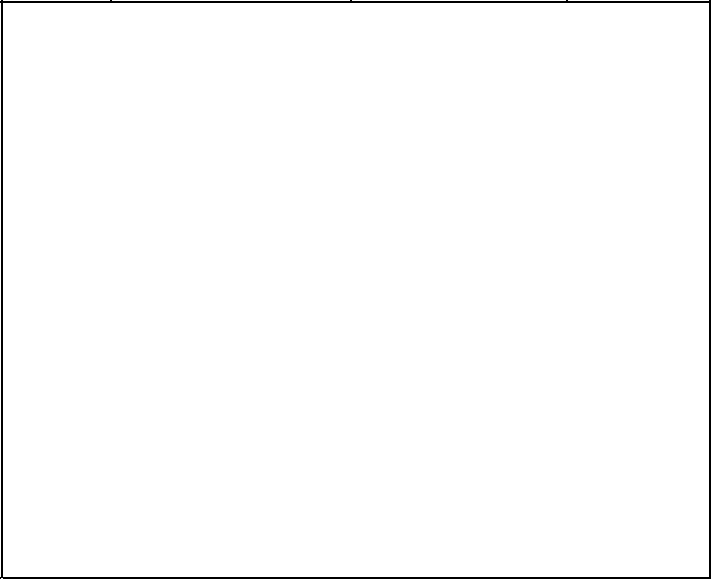
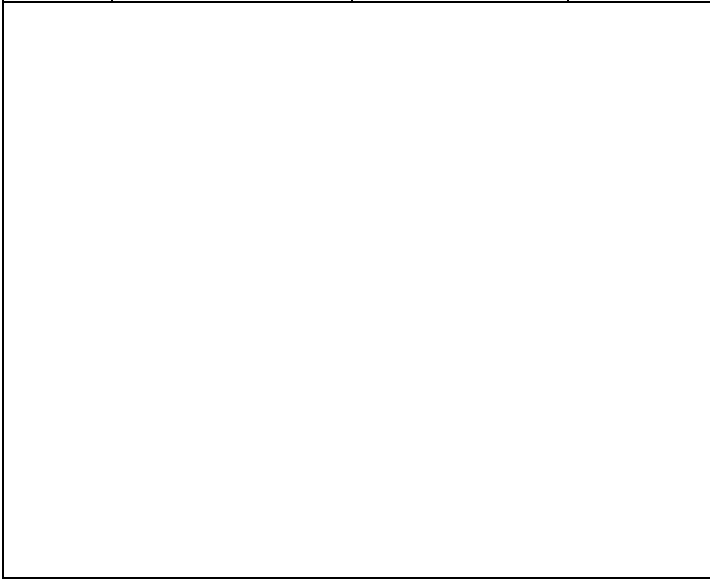
JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I96-11
Proj. No.: 7145-002

Photo:				Photo:			
Point ID	L-I96-11 UA			Point ID	L-I96-11 UA		
NEZ	3552875.48	4938768.38	814.70				



Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-196-12
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Metcalf	QUAD:	Sulfur Well
---------------	----	----------------	---------	--------------	-------------

OPERATOR:	B. Novy	NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3539283.06	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4948478.26	829.34	727.08

SESSION	DATE:	04/22/2014	START TIME:	19:58:51	<input checked="" type="checkbox"/>	UTC
KYVRS	DAY OF YEAR:	112	END TIME:	20:03:06		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	<input checked="" type="checkbox"/>	FIXED HGT.

TOP OF MONUMENT IS:	<input checked="" type="checkbox"/>	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

SE CNR DR @ COLOR CHANGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	<input checked="" type="checkbox"/>	NEW CONTROL
	PUB. CONTROL		BASE STATION





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-196-12
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
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Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide



AREA ID:	L-I96-12
Proj. No.:	7145-004

Photo:				Photo:			
Point ID		L-I96-12 BE		Point ID		L-I96-12 BE	
NEZ	3539227.99	4948414.29	831.89				
							
Photo:				Photo:			
Point ID		L-I96-12 BR		Point ID		L-I96-12 BR	
NEZ	3539325.77	4948566.06	827.94				
							

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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I96-12
Proj. No.:	7145-004

Photo:				Photo:			
Point ID		L-I96-12 FA		Point ID		L-I96-12 FA	
NEZ	3539285.26	4948443.92	832.57				
							
Photo:				Photo:			
Point ID		L-I96-12 HG		Point ID		L-I96-12 HG	
NEZ	3539254.65	4948505.67	823.17				
							



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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I96-12
Proj. No.: 7145-002

Photo:				Photo:			
Point ID	L-I96-12 UA			Point ID	L-I96-12 UA		
NEZ	3539232.88	4948379.33	833.62				

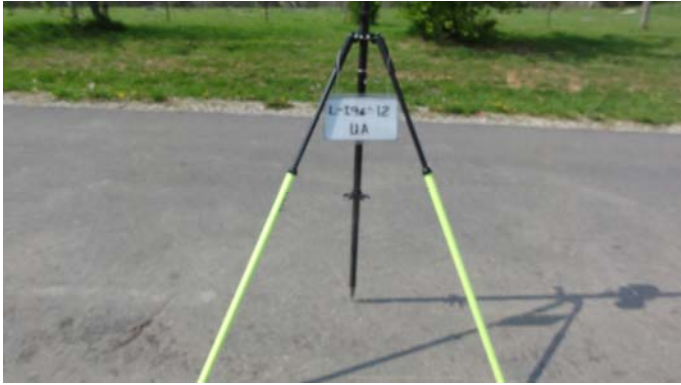
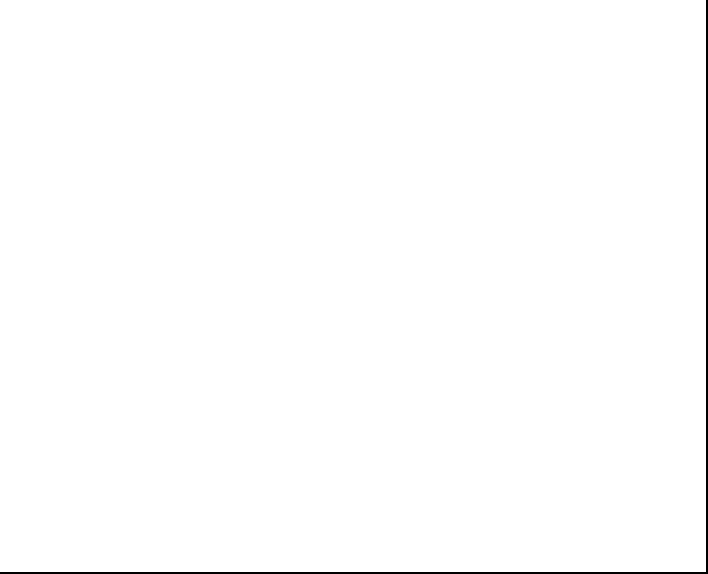


Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-196-13
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Metcalf	QUAD:	Sulfur Well
---------------	----	----------------	---------	--------------	-------------

OPERATOR:	B. Novy	NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3560480.42	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4955019.55	613.84	511.20

SESSION	DATE:	04/22/2014	START TIME:	17:03:26	<input checked="" type="checkbox"/>	UTC
KYVRS	DAY OF YEAR:	112	END TIME:	17:10:39		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	<input checked="" type="checkbox"/>	FIXED HGT.

TOP OF MONUMENT IS:	<input checked="" type="checkbox"/>	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

SE CNR ASPH PVMT @ COLOR CH NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	<input checked="" type="checkbox"/>	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-196-13
Proj. No.: 7145-004





523 Wellington Way, Suite 375
Lexington, KY 40503
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Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I96-13
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I96-13 BE			Point ID	L-I96-13 BE		
NEZ	3560620.23	4955080.56	625.73				
							
Photo:				Photo:			
Point ID	L-I96-13 BR			Point ID	L-I96-13 BR		
NEZ	3560624.24	4955005.60	629.67				
							

523 Wellington Way, Suite 375
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859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I96-13
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I96-13 FA			Point ID	L-I96-13 FA		
NEZ	3560584.63	4955084.55	621.14				



Photo:				Photo:			
Point ID	L-I96-13 HG			Point ID	L-I96-13 HG		
NEZ	3560683.56	4955033.55	636.50				





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I96-13
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-I96-13 UA		Point ID		L-I96-13 UA	
NEZ	3560593.88	4955045.42	624.06				



Photo:				Photo:			
Point ID				Point ID			
NEZ							





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-196-14
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Metcalfe **QUAD:** East Fork

OPERATOR: B. Novy

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3560011.18	ELEVATION	ELLIPSOID
EASTING:	4984750.41	1042.09	939.42

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 04/22/2014
DAY OF YEAR: 112

START TIME: 16:18:04
END TIME: 16:21:57

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:		
	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL NE EDGE DR @ S RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





GPS CONTROL SURVEY FIELD DATA SHEET
--

PAGE
2

523 Wellington Way, Suite 375
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JOB REFERENCE
Kentucky Statewide

POINT ID:	L-196-14
Proj. No.:	7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I96-14
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I96-14 BE			Point ID	L-I96-14 BE		
NEZ	3560023.51	4984718.47	1042.73				



Photo:				Photo:			
Point ID	L-I96-14 BR			Point ID	L-I96-14 BR		
NEZ	3559511.93	4985947.18	972.43				



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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I96-14
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I96-14 FA			Point ID	L-I96-14 FA		
NEZ	3560094.54	4984672.88	1042.30				



Photo:				Photo:			
Point ID	L-I96-14 HG			Point ID	L-I96-14 HG		
NEZ	3559481.48	4985938.52	974.31				





523 Wellington Way, Suite 375
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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I96-14
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-I96-14 UA		Point ID		L-I96-14 UA	
NEZ	3559990.23	4984784.03	1039.83				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-196-15
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Adair **QUAD:** Gradyville

OPERATOR: B. Novy

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3527569.71	ELEVATION	ELLIPSOID
EASTING:	4995341.48	727.28	625.07

RECEIVER MODEL: TRMR8_GNS
S
RECEIVER S/N: 4849161172

SESSION	DATE: 04/22/2014	START TIME: 15:17:22	X	UTC
KYVRS	DAY OF YEAR: 112	END TIME: 15:21:14		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL S EDGE DR @ N EDGE RD NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

523 Wellington Way, Suite 375
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JOB REFERENCE
Kentucky Statewide

POINT ID: L-196-15
Proj. No.: 7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I96-15
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I96-15 BE			Point ID	L-I96-15 BE		
NEZ	3527591.98	4995393.98	728.63				






Photo:				Photo:			
Point ID	L-I96-15 BR			Point ID	L-I96-15 BR		
NEZ	3527590.87	4995548.40	728.49				



523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-I96-15
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-I96-15 FA			Point ID	L-I96-15 FA		
NEZ	3527637.61	4995752.26	739.61				
							
Photo:				Photo:			
Point ID	L-I96-15 HG			Point ID	L-I96-15 HG		
NEZ	3527593.17	4995716.83	733.55				
							



523 Wellington Way, Suite 375
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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

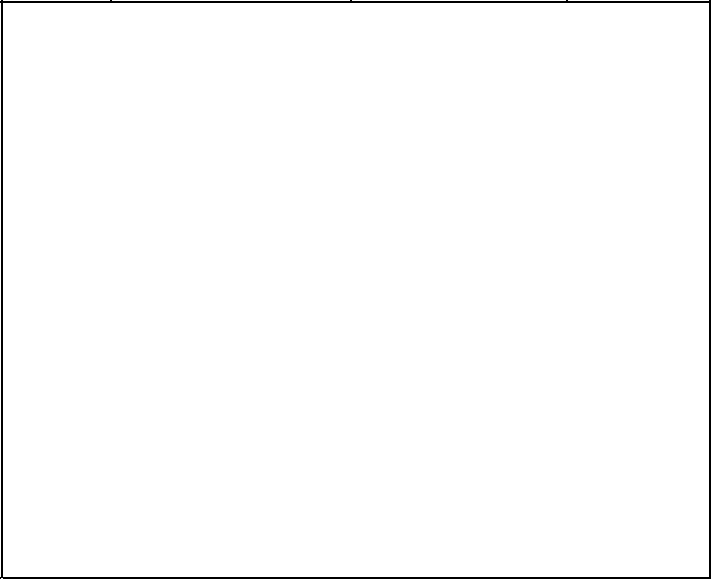
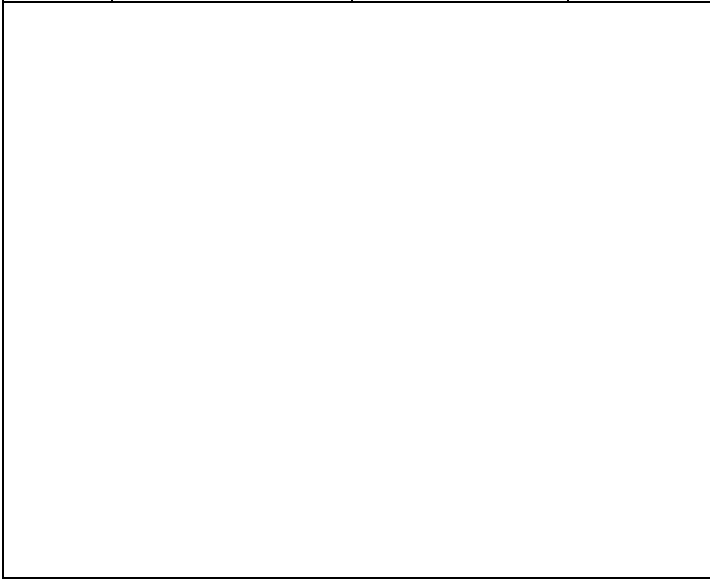
JOB REFERENCE
 Kentucky Statewide

AREA ID: L-I96-15
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-I96-15 UA		Point ID		L-I96-15 UA	
NEZ	3527563.33	4995637.71	731.80				



Photo:				Photo:			
Point ID				Point ID			
NEZ							





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-M20-01
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Edmonson **QUAD:** Brownsville

OPERATOR: B. Novy

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3593553.88	ELEVATION	ELLIPSOID
EASTING:	4773047.70	559.72	458.03

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 04/30/2014
DAY OF YEAR: 120

START TIME: 21:58:57
END TIME: 22:02:48

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:		
	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

SE CNR DR @ W EDGE WALK NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





GPS CONTROL SURVEY FIELD DATA SHEET
--

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-M20-01
Proj. No.:	7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-01
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-01 BE			Point ID	L-M20-01 BE		
NEZ	3593556.70	4773090.48	559.78				







Photo:				Photo:			
Point ID	L-M20-01 BR			Point ID	L-M20-01 BR		
NEZ	3593680.73	4773112.20	561.72				



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Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-01
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-01 FA			Point ID	L-M20-01 FA		
NEZ	3593693.85	4772997.22	562.47				
							
Photo:				Photo:			
Point ID	L-M20-01 HG			Point ID	L-M20-01 HG		
NEZ	3593634.67	4773115.02	559.80				
							





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 Lexington, KY 40503
 859-277-8700 voice 859-277-8901 fax

**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-M20-01
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-M20-01 UA		Point ID		L-M20-01 UA	
NEZ	3593581.37	4773031.55	560.98				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID: L-M20-02
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Grayson **QUAD:** Ready

OPERATOR: B. Novy

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3658466.54	ELEVATION	ELLIPSOID
EASTING:	4711353.57	567.99	465.58

RECEIVER MODEL: TRMR8_GNS
S
RECEIVER S/N: 4849161172

SESSION	DATE: 05/01/2014	START TIME: 15:38:18	X	UTC
KYVRS	DAY OF YEAR: 121	END TIME: 15:42:14		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

SE CNR DR @ COLOR CHANGE

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-M20-02
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax





Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

**LiDAR Truing Points
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide





AREA ID: L-M20-02
Proj. No.: 7145-004

Photo:				Photo:			
Point ID	L-M20-02 BE			Point ID	L-M20-02 BE		
NEZ	3658438.95	4711315.85	568.75				
							
Photo:				Photo:			
Point ID	L-M20-02 BR			Point ID	L-M20-02 BR		
NEZ	3658338.07	4711367.79	574.23				
							

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Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-02
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-02 FA			Point ID	L-M20-02 FA		
NEZ	3658407.21	4711293.25	570.54				
							
Photo:				Photo:			
Point ID	L-M20-02 HG			Point ID	L-M20-02 HG		
NEZ	3658319.71	4711382.53	573.40				
							




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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-M20-02
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-M20-02 UA		Point ID		L-M20-02 UA	
NEZ	3658461.46	4711291.51	568.97				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-M20-03
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Edmonson **QUAD:** Bee Spring

OPERATOR: B. Novy

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3632377.34	ELEVATION	ELLIPSOID
EASTING:	4740978.56	534.49	432.27

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 04/30/2014
DAY OF YEAR: 120

START TIME: 21:09:59
END TIME: 21:14:13

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL NW EDGE STOP BAR NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





GPS CONTROL SURVEY FIELD DATA SHEET
--

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JOB REFERENCE
Kentucky Statewide

POINT ID:	L-M20-03
Proj. No.:	7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-03
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-03 BE			Point ID	L-M20-03 BE		
NEZ	3632443.23	4740986.73	535.31				



Photo:				Photo:			
Point ID	L-M20-03 BR			Point ID	L-M20-03 BR		
NEZ	3632406.33	4740924.06	532.53				



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Lexington, KY 40503
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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-03
Proj. No.:	7145-004

Photo:				Photo:			
Point ID		L-M20-03 FA		Point ID		L-M20-03 FA	
NEZ	3632298.06	4741069.54	536.90				
							
Photo:				Photo:			
Point ID		L-M20-03 HG		Point ID		L-M20-03 HG	
NEZ	3632389.90	4740871.85	530.25				
							





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-M20-03
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-M20-03 UA		Point ID		L-M20-03 UA	
NEZ	3632223.02	4741084.25	535.07				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-M20-04
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Edmonson **QUAD:** Bee Spring

OPERATOR: B. Novy

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3630256.06	ELEVATION	ELLIPSOID
EASTING:	4765412.80	696.63	594.36

RECEIVER MODEL: TRMR8_GNS
S
RECEIVER S/N: 4849161172

SESSION	DATE: 04/30/2014	START TIME: 20:33:15	X	UTC
KYVRS	DAY OF YEAR: 120	END TIME: 20:37:10		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL N EDGE STOP BAR NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-M20-04
Proj. No.: 7145-004

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Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-04
Proj. No.:	7145-004

Photo:				Photo:			
Point ID		L-M20-04 BE		Point ID		L-M20-04 BE	
NEZ	3630204.78	4765638.82	696.46				



Photo:				Photo:			
Point ID		L-M20-04 BR		Point ID		L-M20-04 BR	
NEZ	3630261.02	4765453.29	695.69				



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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-04
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-04 FA			Point ID	L-M20-04 FA		
NEZ	3630206.49	4765511.46	695.82				



Photo:				Photo:			
Point ID	L-M20-04 HG			Point ID	L-M20-04 HG		
NEZ	3630103.75	4765840.08	693.55				







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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-M20-04
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-M20-04 UA		Point ID		L-M20-04 UA	
NEZ	3630238.41	4765487.69	695.86				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-M20-05
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Edmonson	QUAD:	Nolin Lake
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OPERATOR:	B. Novy
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	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3618545.01	ELEVATION	ELLIPSOID
EASTING:	4804962.06	871.11	768.61

RECEIVER MODEL:	TRMR8_GNS S
------------------------	----------------

RECEIVER S/N:	4849161172
----------------------	------------

SESSION
KYVRS

DATE:	04/30/2014
DAY OF YEAR:	120

START TIME:	19:45:41
END TIME:	19:49:47

X	UTC
	LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL NW EDGE STOP BAR NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-M20-05
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-05
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-05 BE			Point ID	L-M20-05 BE		
NEZ	3618479.42	4804991.34	867.08				



Photo:				Photo:			
Point ID	L-M20-05 BR			Point ID	L-M20-05 BR		
NEZ	3618697.38	4805041.77	859.09				



523 Wellington Way, Suite 375
Lexington, KY 40503
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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-05
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-05 FA			Point ID	L-M20-05 FA		
NEZ	3618533.61	4805046.46	869.60				



Photo:				Photo:			
Point ID	L-M20-05 HG			Point ID	L-M20-05 HG		
NEZ	3618529.93	4804823.13	872.02				





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

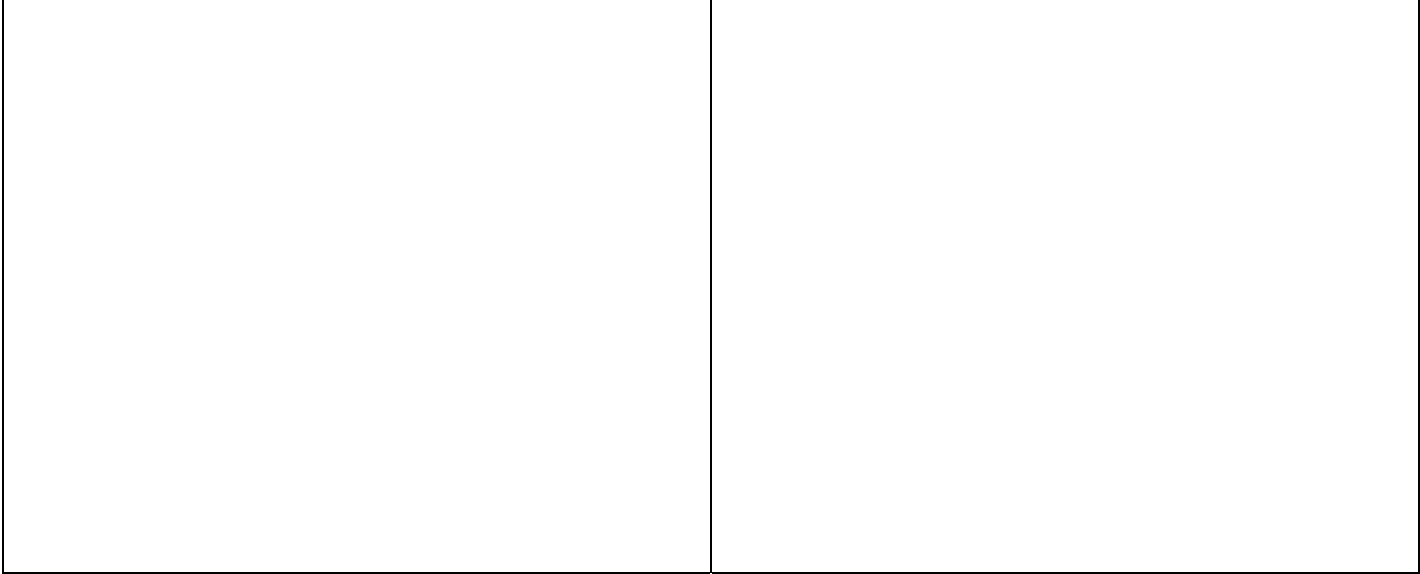
JOB REFERENCE
 Kentucky Statewide

AREA ID: L-M20-05
Proj. No.: 7145-002

Photo:				Photo:			
Point ID	L-M20-05 UA			Point ID	L-M20-05 UA		
NEZ	3618466.44	4804847.12	870.83				



Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-M20-06
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Edmonson	QUAD:	Mammoth Cave
---------------	----	----------------	----------	--------------	--------------

OPERATOR:	B. Novy	NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3590682.76	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4820105.20	759.73	657.57

SESSION	DATE:	04/30/2014	START TIME:	22:50:16	<input checked="" type="checkbox"/>	UTC
KYVRS	DAY OF YEAR:	120	END TIME:	22:54:33		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	<input checked="" type="checkbox"/>	FIXED HGT.

TOP OF MONUMENT IS:	<input checked="" type="checkbox"/>	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL W END STOP BAR NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	<input checked="" type="checkbox"/>	NEW CONTROL
	PUB. CONTROL		BASE STATION





GPS CONTROL SURVEY FIELD DATA SHEET
--

PAGE
2

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-M20-06
Proj. No.:	7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-06
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-06 BE			Point ID	L-M20-06 BE		
NEZ	3590703.53	4820062.01	760.81				



Photo:				Photo:			
Point ID	L-M20-06 BR			Point ID	L-M20-06 BR		
NEZ	3592385.50	4818849.72	746.37				



523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-06
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-06 FA			Point ID	L-M20-06 FA		
NEZ	3590787.02	4820125.60	756.97				



Photo:				Photo:			
Point ID	L-M20-06 HG			Point ID	L-M20-06 HG		
NEZ	3590474.12	4819750.44	751.53				







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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-M20-06
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-M20-06 UA		Point ID		L-M20-06 UA	
NEZ	3590734.78	4820038.30	761.09				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-M20-07
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Hart **QUAD:** Horse Cave

OPERATOR: B. Novy

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3588452.99	ELEVATION	ELLIPSOID
EASTING:	4875038.88	633.55	530.65

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 04/30/2014
DAY OF YEAR: 120

START TIME: 16:25:23
END TIME: 16:30:05

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:		
	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

NW CNR ASPHALT NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





GPS CONTROL SURVEY FIELD DATA SHEET
--

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-M20-07
Proj. No.:	7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-07
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-07 BE			Point ID	L-M20-07 BE		
NEZ	3588418.04	4875100.68	628.74				



Photo:				Photo:			
Point ID	L-M20-07 BR			Point ID	L-M20-07 BR		
NEZ	3587785.65	4874492.63	635.81				



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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-07
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-07 FA			Point ID	L-M20-07 FA		
NEZ	3587806.56	4874450.76	636.50				



Photo:				Photo:			
Point ID	L-M20-07 HG			Point ID	L-M20-07 HG		
NEZ	3587813.59	4874354.86	637.41				






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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-M20-07
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-M20-07 UA		Point ID		L-M20-07 UA	
NEZ	3588371.01	4875072.87	628.02				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID: L-M20-08
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Hart **QUAD:** Horse Cave

OPERATOR: B. Novy

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3610276.72	ELEVATION	ELLIPSOID
EASTING:	4876491.75	600.21	496.81

RECEIVER MODEL: TRMR8_GNS
S
RECEIVER S/N: 4849161172

SESSION	DATE: 04/30/2014	START TIME: 17:55:18	X	UTC
KYVRS	DAY OF YEAR: 120	END TIME: 17:59:09		LOCAL

ANTENNA HEIGHT (SLANT)

MTRS/FT		
	MEASURED	FIXED HGT.

ANTENNA

RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)

MTRS/FT	2.000	Meters
	MEASURED	X FIXED HGT.

TOP OF MONUMENT IS:

X	FLUSH
	ABOVE GROUND
	BELOW GROUND

SW CNR DR @ CLR CHANGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





GPS CONTROL SURVEY FIELD DATA SHEET
--

PAGE
2

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide



POINT ID:	L-M20-08
Proj. No.:	7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-08
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-08 BE			Point ID	L-M20-08 BE		
NEZ	3610272.23	4876436.02	598.40				
							
Photo:				Photo:			
Point ID	L-M20-08 BR			Point ID	L-M20-08 BR		
NEZ	3610291.82	4876476.00	599.63				
							

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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-08
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-08 FA			Point ID	L-M20-08 FA		
NEZ	3610358.73	4876724.34	610.36				



Photo:				Photo:			
Point ID	L-M20-08 HG			Point ID	L-M20-08 HG		
NEZ	3610232.80	4876560.27	601.61				





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**LiDAR Truing Points
FIELD DATA SHEET**

PAGE
3

JOB REFERENCE
Kentucky Statewide

AREA ID: L-M20-08
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-M20-08 UA		Point ID		L-M20-08 UA	
NEZ	3610324.61	4876483.62	599.95				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-M20-09
Proj. No.:	7145-004

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Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Hart	QUAD:	Munfordville
---------------	----	----------------	------	--------------	--------------

OPERATOR:	B. Novy	NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3628437.81	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4851729.88	875.26	771.76

SESSION	DATE:	04/30/2014	START TIME:	18:55:45	<input checked="" type="checkbox"/>	UTC
KYVRS	DAY OF YEAR:	120	END TIME:	19:00:06		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	<input checked="" type="checkbox"/>	FIXED HGT.

TOP OF MONUMENT IS:	<input checked="" type="checkbox"/>	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

NW CNR DR @ COLOR CHANGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	<input checked="" type="checkbox"/>	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:





GPS CONTROL SURVEY FIELD DATA SHEET
--

PAGE
2

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JOB REFERENCE
Kentucky Statewide

POINT ID:	L-M20-09
Proj. No.:	7145-004

Photo:	Photo:
Photo:	Photo:

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Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-09
Proj. No.:	7145-004

Photo:			
Point ID	L-M20-09 BE		
NEZ	3628470.96	4851701.31	879.13



Photo:			
Point ID	L-M20-09 BE		
NEZ			



Photo:			
Point ID	L-M20-09 BR		
NEZ	3628514.64	4851813.44	866.32



Photo:			
Point ID	L-M20-09 BR		
NEZ			



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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-09
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-09 FA			Point ID	L-M20-09 FA		
NEZ	3627978.51	4851187.94	913.39				



Photo:				Photo:			
Point ID	L-M20-09 HG			Point ID	L-M20-09 HG		
NEZ	3628480.10	4851739.48	874.92				





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-M20-09
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-M20-09 UA		Point ID		L-M20-09 UA	
NEZ	3628473.89	4851716.97	876.73				
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-M20-10
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Hart **QUAD:** Upton

OPERATOR: B. Novy

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3660384.55	ELEVATION	ELLIPSOID
EASTING:	4850898.72	639.66	535.23

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 05/01/2014
DAY OF YEAR: 121

START TIME: 12:22:51
END TIME: 12:27:45

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:		
	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

NW CNR DR @ COLOR CHANGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-M20-10
Proj. No.: 7145-004

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Lexington, KY 40503
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Photo:	Photo:
Photo:	Photo:

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Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-10
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-10 BE			Point ID	L-M20-10 BE		
NEZ	3660414.25	4850920.05	639.03				







Photo:				Photo:			
Point ID	L-M20-10 BR			Point ID	L-M20-10 BR		
NEZ	3660439.76	4850990.08	641.11				



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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-10
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-10 FA			Point ID	L-M20-10 FA		
NEZ	3660440.25	4850751.03	632.01				
							
Photo:				Photo:			
Point ID	L-M20-10 HG			Point ID	L-M20-10 HG		
NEZ	3660453.24	4850928.26	640.30				
							





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-M20-10
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-M20-10 UA		Point ID		L-M20-10 UA	
NEZ	3660366.89	4850904.48	639.49				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-M20-11
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Grayson	QUAD:	Cub Run
---------------	----	----------------	---------	--------------	---------

OPERATOR:	B. Novy
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	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3653190.70	ELEVATION	ELLIPSOID
EASTING:	4813274.41	586.29	482.71

RECEIVER MODEL:	TRMR8_GNS S
------------------------	----------------

RECEIVER S/N:	4849161172
----------------------	------------

SESSION
KYVRS

DATE:	05/01/2014
DAY OF YEAR:	121

START TIME:	13:14:25
END TIME:	13:19:54

X	UTC
	LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL RD @ E RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

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JOB REFERENCE
Kentucky Statewide

POINT ID: L-M20-11
Proj. No.: 7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-11
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-11 BE			Point ID	L-M20-11 BE		
NEZ	3653256.76	4813262.70	581.16				





Photo:				Photo:			
Point ID	L-M20-11 BR			Point ID	L-M20-11 BR		
NEZ	3653210.31	4813206.47	586.85				



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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-11
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-11 FA			Point ID	L-M20-11 FA		
NEZ	3653283.38	4813211.85	578.86				
							
Photo:				Photo:			
Point ID	L-M20-11 HG			Point ID	L-M20-11 HG		
NEZ	3653168.96	4813364.97	580.40				
							



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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-M20-11
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-M20-11 UA		Point ID		L-M20-11 UA	
NEZ	3653159.24	4813311.10	584.63				



Photo:				Photo:			
Point ID				Point ID			
NEZ							

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**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-M20-12
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Grayson **QUAD:** Clarkson

OPERATOR: B. Novy

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3670884.42	ELEVATION	ELLIPSOID
EASTING:	4779543.94	827.99	724.68

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 05/01/2014
DAY OF YEAR: 121

START TIME: 14:01:19
END TIME: 14:05:19

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:		
	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL SW CNR PSRK STRIPES NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

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859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

POINT ID: L-M20-12
Proj. No.: 7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-12
Proj. No.:	7145-004





Photo:				Photo:			
Point ID	L-M20-12 BE			Point ID	L-M20-12 BE		
NEZ	3670896.83	4779612.36	829.46				



Photo:				Photo:			
Point ID	L-M20-12 BR			Point ID	L-M20-12 BR		
NEZ	3670886.16	4779423.27	820.57				



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Lexington, KY 40503
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Photo:				Photo:			
Point ID	L-M20-12 FA			Point ID	L-M20-12 FA		
NEZ	3670975.93	4779638.09	837.66				
							
Photo:				Photo:			
Point ID	L-M20-12 HG			Point ID	L-M20-12 HG		
NEZ	3670796.24	4779375.51	816.01				
							



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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-M20-12
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-M20-12 UA		Point ID		L-M20-12 UA	
NEZ	3670886.50	4779494.34	826.43				
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-M20-13
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Grayson	QUAD:	Ready
---------------	----	----------------	---------	--------------	-------

OPERATOR:	B. Novy	NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3660492.18	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4738171.93	699.21	596.60

SESSION	DATE:	05/01/2014	START TIME:	14:58:43	<input checked="" type="checkbox"/>	UTC
KYVRS	DAY OF YEAR:	121	END TIME:	15:02:48		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	<input checked="" type="checkbox"/>	FIXED HGT.

TOP OF MONUMENT IS:	<input checked="" type="checkbox"/>	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

SW CNR CONC PAD @ ASPH NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	<input checked="" type="checkbox"/>	NEW CONTROL
	PUB. CONTROL		BASE STATION





GPS CONTROL SURVEY FIELD DATA SHEET
--

PAGE
2

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JOB REFERENCE
Kentucky Statewide

POINT ID:	L-M20-13
Proj. No.:	7145-004

Photo:	Photo:
Photo:	Photo:

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Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-13
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-13 BE			Point ID	L-M20-13 BE		
NEZ	3660451.68	4738038.64	696.48				



Photo:				Photo:			
Point ID	L-M20-13 BR			Point ID	L-M20-13 BR		
NEZ	3660414.30	4738136.31	700.04				



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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-13
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-13 FA			Point ID	L-M20-13 FA		
NEZ	3660621.01	4738138.33	696.08				
							
Photo:				Photo:			
Point ID	L-M20-13 HG			Point ID	L-M20-13 HG		
NEZ	3660421.51	4738012.25	695.29				
							





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
3

JOB REFERENCE
Kentucky Statewide

AREA ID: L-M20-13
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-M20-13 UA		Point ID		L-M20-13 UA	
NEZ	3660466.51	4738128.46	699.31				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-M20-14
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Grayson	QUAD:	Caneyville
---------------	----	----------------	---------	--------------	------------

OPERATOR:	B. Novy	NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3679175.69	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4706648.22	503.58	400.93

SESSION	DATE:	05/01/2014	START TIME:	16:12:09	<input checked="" type="checkbox"/>	UTC
KYVRS	DAY OF YEAR:	121	END TIME:	16:16:20		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

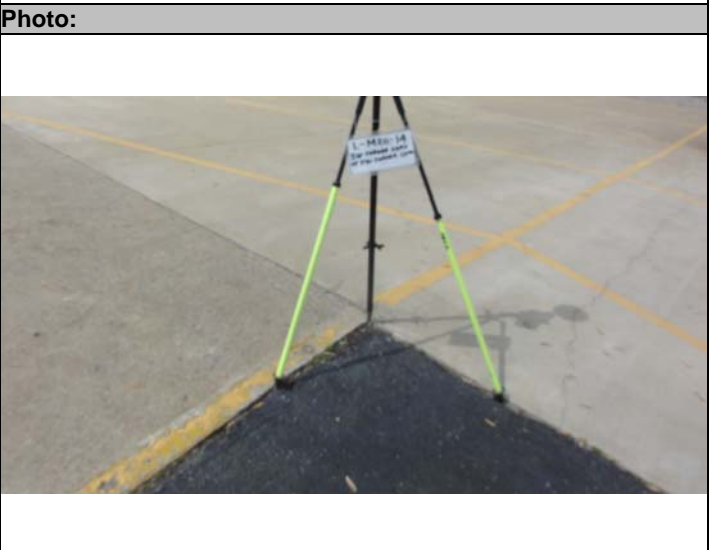
ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	<input checked="" type="checkbox"/>	FIXED HGT.

TOP OF MONUMENT IS:	<input checked="" type="checkbox"/>	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

SW CNR ASPH @ NW CNR CONC NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	<input checked="" type="checkbox"/>	NEW CONTROL
	PUB. CONTROL		BASE STATION





GPS CONTROL SURVEY FIELD DATA SHEET
--

PAGE
2

523 Wellington Way, Suite 375
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JOB REFERENCE
Kentucky Statewide

POINT ID:	L-M20-14
Proj. No.:	7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-14
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-14 BE			Point ID	L-M20-14 BE		
NEZ	3679423.44	4706610.91	482.37				



Photo:				Photo:			
Point ID	L-M20-14 BR			Point ID	L-M20-14 BR		
NEZ	3679432.69	4706749.58	481.72				



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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-14
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-14 FA			Point ID	L-M20-14 FA		
NEZ	3679461.82	4706639.94	478.19				
							
Photo:				Photo:			
Point ID	L-M20-14 HG			Point ID	L-M20-14 HG		
NEZ	3679524.57	4706698.66	472.36				
							





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-M20-14
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-M20-14 UA		Point ID		L-M20-14 UA	
NEZ	3679201.70	4706702.27	503.86				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-M20-15
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Ohio	QUAD:	Spring Lick
---------------	----	----------------	------	--------------	-------------

OPERATOR:	B. Novy
------------------	---------

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3668472.28	ELEVATION	ELLIPSOID
EASTING:	4669160.86	616.74	514.59

RECEIVER MODEL:	TRMR8_GNS S
------------------------	----------------

RECEIVER S/N:	4849161172
----------------------	------------

SESSION
KYVRS

DATE:	05/01/2014
DAY OF YEAR:	121

START TIME:	17:38:51
END TIME:	17:43:33

X	UTC
	LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL RD @ N RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-M20-15
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-15
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-15 BE			Point ID	L-M20-15 BE		
NEZ	3668466.02	4669083.71	617.42				



Photo:				Photo:			
Point ID	L-M20-15 BR			Point ID	L-M20-15 BR		
NEZ	3668527.14	4669098.79	618.61				



523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-15
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-15 FA			Point ID	L-M20-15 FA		
NEZ	3668545.63	4669131.50	616.39				
							
Photo:				Photo:			
Point ID	L-M20-15 HG			Point ID	L-M20-15 HG		
NEZ	3668502.79	4669158.19	616.11				
							





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 Lexington, KY 40503
 859-277-8700 voice 859-277-8901 fax

**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-M20-15
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-M20-15 UA		Point ID		L-M20-15 UA	
NEZ	3668517.62	4669127.98	617.47				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-M20-16
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Grayson	QUAD:	Rosine
---------------	----	----------------	---------	--------------	--------

OPERATOR:	B. Novy	NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3687211.35	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4666893.96	459.95	357.68

SESSION	DATE:	05/01/2014	START TIME:	16:57:24	X	UTC
KYVRS	DAY OF YEAR:	121	END TIME:	17:01:22		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

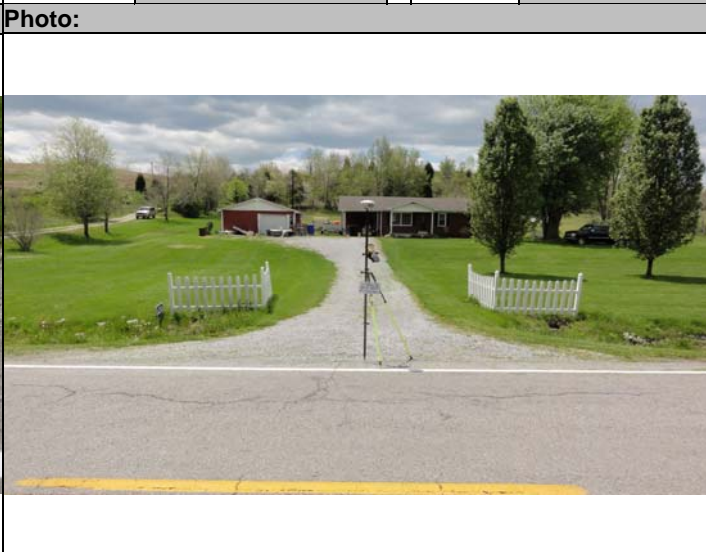
ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL DR @ S RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-M20-16
Proj. No.: 7145-004





523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-16
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-16 BE			Point ID	L-M20-16 BE		
NEZ	3687174.48	4666905.04	457.23				
							
Photo:				Photo:			
Point ID	L-M20-16 BR			Point ID	L-M20-16 BR		
NEZ	3687075.81	4666954.85	461.20				
							

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-16
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-16 FA			Point ID	L-M20-16 FA		
NEZ	3687172.16	4667182.65	458.47				



Photo:				Photo:			
Point ID	L-M20-16 HG			Point ID	L-M20-16 HG		
NEZ	3687175.59	4667139.85	454.97				







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 Lexington, KY 40503
 859-277-8700 voice 859-277-8901 fax

**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-M20-16
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-M20-16 UA		Point ID		L-M20-16 UA	
NEZ	3687102.30	4666948.82	460.53				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-M20-17
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Grayson **QUAD:** Falls of Rough

OPERATOR: B. Novy

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3720964.21	ELEVATION	ELLIPSOID
EASTING:	4681522.59	507.24	404.51

RECEIVER MODEL: TRMR8_GNS S3

RECEIVER S/N: 5046455546

SESSION
OPUS-RS

DATE: 05/01/2014
DAY OF YEAR: 122

START TIME: 22:48:34
END TIME: 22:54:29

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)

MTRS/FT		
	MEASURED	FIXED HGT.

ANTENNA

RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)

MTRS/FT	2.000	Meters
	MEASURED	X FIXED HGT.

TOP OF MONUMENT IS: X **FLUSH**

METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL SE OF PARK STRIPES NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





GPS CONTROL SURVEY FIELD DATA SHEET
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523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-M20-17
Proj. No.:	7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-17
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-17 BE			Point ID	L-M20-17 BE		
NEZ	3720783.87	4681462.05	527.42				



Photo:				Photo:			
Point ID	L-M20-17 BR			Point ID	L-M20-17 BR		
NEZ	3720792.06	4681535.83	512.88				



523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-17
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-17 FA			Point ID	L-M20-17 FA		
NEZ	3720846.90	4681483.25	514.04				



Photo:				Photo:			
Point ID	L-M20-17 HG			Point ID	L-M20-17 HG		
NEZ	3720816.29	4681430.46	523.43				





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 Lexington, KY 40503
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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-M20-17
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-M20-17 UA		Point ID		L-M20-17 UA	
NEZ	3720772.46	4681424.76	529.59				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-M20-18
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Grayson **QUAD:** McDaniels

OPERATOR: B. Novy

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3716594.45	ELEVATION	ELLIPSOID
EASTING:	4712224.42	598.47	495.38

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 05/01/2014
DAY OF YEAR: 121

START TIME: 22:09:22
END TIME: 22:13:24

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)

MTRS/FT		
	MEASURED	FIXED HGT.

ANTENNA

RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)

MTRS/FT	2.000	Meters
	MEASURED	X FIXED HGT.

TOP OF MONUMENT IS: X **FLUSH**

METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL S OF XSET PARK STRIPES NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-M20-18
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-18
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-18 BE			Point ID	L-M20-18 BE		
NEZ	3716657.44	4712305.32	597.47				



Photo:				Photo:			
Point ID	L-M20-18 BR			Point ID	L-M20-18 BR		
NEZ	3716823.51	4712058.15	588.63				



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Lexington, KY 40503
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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-18
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-18 FA			Point ID	L-M20-18 FA		
NEZ	3716718.44	4712173.83	594.80				



Photo:				Photo:			
Point ID	L-M20-18 HG			Point ID	L-M20-18 HG		
NEZ	3716701.09	4712328.62	599.98				







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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-M20-18
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-M20-18 UA		Point ID		L-M20-18 UA	
NEZ	3716619.79	4712255.09	598.51				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-M20-19
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Grayson **QUAD:** Leitchfield

OPERATOR: B. Novy

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3697409.61	ELEVATION	ELLIPSOID
EASTING:	4762452.46	688.60	585.11

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 05/01/2014
DAY OF YEAR: 121

START TIME: 19:52:07
END TIME: 19:56:03

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:		
	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL NE CNR PARK STRIPE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-M20-19
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-19
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-19 BE			Point ID	L-M20-19 BE		
NEZ	3697448.77	4762455.97	691.60				



Photo:				Photo:			
Point ID	L-M20-19 BR			Point ID	L-M20-19 BR		
NEZ	3697530.79	4762200.58	695.85				



523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-19
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-19 FA			Point ID	L-M20-19 FA		
NEZ	3697435.90	4762333.88	689.40				



Photo:				Photo:			
Point ID	L-M20-19 HG			Point ID	L-M20-19 HG		
NEZ	3697511.19	4762267.95	692.83				





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 Lexington, KY 40503
 859-277-8700 voice 859-277-8901 fax

**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-M20-19
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-M20-19 UA		Point ID		L-M20-19 UA	
NEZ	3697460.01	4762402.73	691.57				



Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-M20-20
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Grayson	QUAD:	Caneyville
---------------	----	----------------	---------	--------------	------------

OPERATOR:	B. Novy	NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3687563.50	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4736089.06	661.19	558.21

SESSION	DATE:	05/01/2014	START TIME:	19:11:46	<input checked="" type="checkbox"/>	UTC
KYVRS	DAY OF YEAR:	121	END TIME:	19:15:54		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	<input checked="" type="checkbox"/>	FIXED HGT.

TOP OF MONUMENT IS:	<input checked="" type="checkbox"/>	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

SW CNR CONC PAD @ ASPH

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	<input checked="" type="checkbox"/>	NEW CONTROL
	PUB. CONTROL		BASE STATION





GPS CONTROL SURVEY FIELD DATA SHEET
--

PAGE
2

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-M20-20
Proj. No.:	7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-20
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-20 BE			Point ID	L-M20-20 BE		
NEZ	3687369.68	4736188.80	660.06				







Photo:				Photo:			
Point ID	L-M20-20 BR			Point ID	L-M20-20 BR		
NEZ	3687389.26	4736157.22	660.16				



523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-20
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-20 FA			Point ID	L-M20-20 FA		
NEZ	3686903.64	4735535.26	652.86				
							
Photo:				Photo:			
Point ID	L-M20-20 HG			Point ID	L-M20-20 HG		
NEZ	3687324.41	4736223.79	659.03				
							





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-M20-20
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-M20-20 UA		Point ID		L-M20-20 UA	
NEZ	3687516.91	4736082.18	661.38				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-M20-21
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Breckinridge **QUAD:** McDaniels

OPERATOR: B. Novy

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3741393.02	ELEVATION	ELLIPSOID
EASTING:	4737379.23	708.35	604.52

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 05/02/2014
DAY OF YEAR: 122

START TIME: 15:27:32
END TIME: 15:31:40

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:		
	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

NW CNR CONC PAD

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-M20-21
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

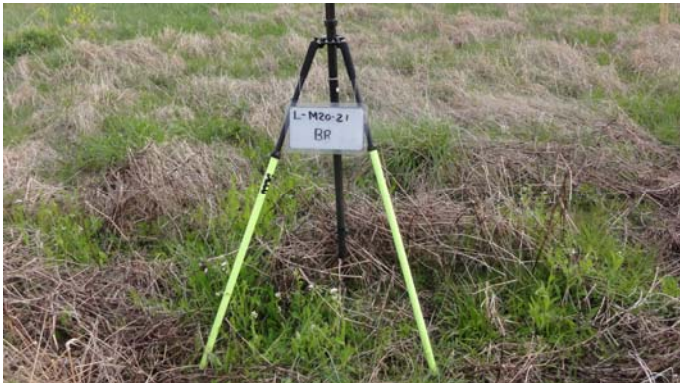
JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-21
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-21 BE			Point ID	L-M20-21 BE		
NEZ	3741442.67	4737379.05	707.75				







Photo:				Photo:			
Point ID	L-M20-21 BR			Point ID	L-M20-21 BR		
NEZ	3741263.67	4737348.16	708.34				



523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-21
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-21 FA			Point ID	L-M20-21 FA		
NEZ	3741292.92	4737285.28	707.19				
							
Photo:				Photo:			
Point ID	L-M20-21 HG			Point ID	L-M20-21 HG		
NEZ	3741364.08	4737292.71	706.18				
							





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 Lexington, KY 40503
 859-277-8700 voice 859-277-8901 fax

**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-M20-21
Proj. No.: 7145-002

Photo:				Photo:			
Point ID	L-M20-21 UA			Point ID	L-M20-21 UA		
NEZ	3741379.36	4737337.70	707.62				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-M20-22
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Grayson	QUAD:	Clarkson
---------------	----	----------------	---------	--------------	----------

OPERATOR:	B. Novy
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	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3704330.45	ELEVATION	ELLIPSOID
EASTING:	4786413.52	716.43	612.35

RECEIVER MODEL:	TRMR8_GNS S
------------------------	----------------

RECEIVER S/N:	4849161172
----------------------	------------

SESSION
KYVRS

DATE:	05/01/2014
DAY OF YEAR:	121

START TIME:	20:34:26
END TIME:	20:38:53

X	UTC
	LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CNR ASPH @ SW CNR GRATES NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

JOB REFERENCE
Kentucky Statewide

POINT ID: L-M20-22
Proj. No.: 7145-004





523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-22
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-22 BE			Point ID	L-M20-22 BE		
NEZ	3704385.21	4786473.74	715.47				
							
Photo:				Photo:			
Point ID	L-M20-22 BR			Point ID	L-M20-22 BR		
NEZ	3704456.89	4786559.38	714.88				
							

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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-22
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-22 FA			Point ID	L-M20-22 FA		
NEZ	3704376.91	4786321.66	709.16				



Photo:				Photo:			
Point ID	L-M20-22 HG			Point ID	L-M20-22 HG		
NEZ	3704461.95	4786280.30	708.31				







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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-M20-22
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-M20-22 UA		Point ID		L-M20-22 UA	
NEZ	3704293.36	4786399.22	716.73				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							

**GPS CONTROL SURVEY
FIELD DATA SHEET**

JOB REFERENCE
Kentucky Statewide

POINT ID:	L-M20-23
Proj. No.:	7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE:	KY	COUNTY:	Grayson	QUAD:	Big Clifty
---------------	----	----------------	---------	--------------	------------

OPERATOR:	B. Novy	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09	
RECEIVER MODEL:	TRMR8_GNS S	NORTHING:	3721876.70	ELEVATION	ELLIPSOID
RECEIVER S/N:	4849161172	EASTING:	4803871.45	750.86	646.12

SESSION	DATE:	05/01/2014	START TIME:	21:09:59	<input checked="" type="checkbox"/>	UTC
KYVRS	DAY OF YEAR:	121	END TIME:	21:13:57		LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	<input checked="" type="checkbox"/>	FIXED HGT.

TOP OF MONUMENT IS:	<input checked="" type="checkbox"/>	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

SE CNR ASPH @ COLOR CH NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	<input checked="" type="checkbox"/>	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





GPS CONTROL SURVEY FIELD DATA SHEET
--

PAGE
2

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JOB REFERENCE
Kentucky Statewide

POINT ID:	L-M20-23
Proj. No.:	7145-004

Photo:	Photo:
Photo:	Photo:

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Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-23
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-23 BE			Point ID	L-M20-23 BE		
NEZ	3721927.83	4803852.60	750.16				







Photo:				Photo:			
Point ID	L-M20-23 BR			Point ID	L-M20-23 BR		
NEZ	3721932.63	4803767.30	750.43				



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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-23
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-23 FA			Point ID	L-M20-23 FA		
NEZ	3721822.88	4803809.35	751.50				
							
Photo:				Photo:			
Point ID	L-M20-23 HG			Point ID	L-M20-23 HG		
NEZ	3721980.36	4803881.05	750.51				
							



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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

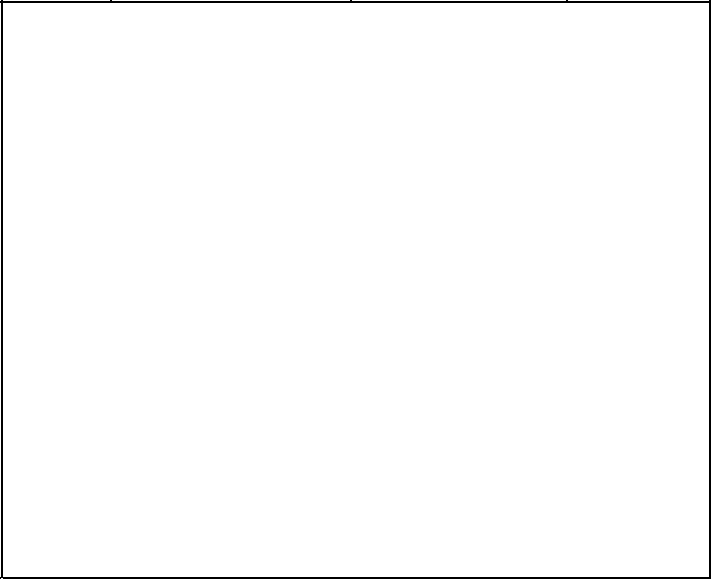
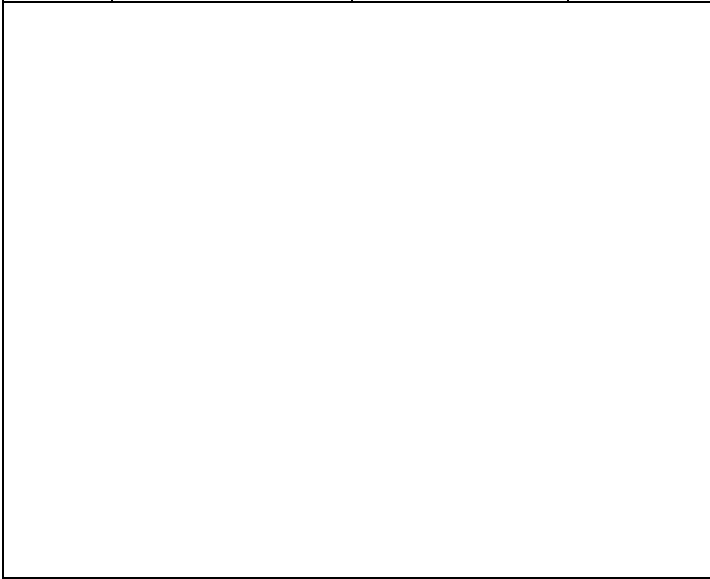
JOB REFERENCE
 Kentucky Statewide

AREA ID: L-M20-23
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-M20-23 UA		Point ID		L-M20-23 UA	
NEZ	3721879.82	4803839.84	751.09				



Photo:				Photo:			
Point ID				Point ID			
NEZ							





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-M20-24
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Breckinridge **QUAD:** Custer

OPERATOR: B. Novy

NAD83 KY Single Zone (USFt)		NAVD88	GEOID 09
NORTHING:	3757409.99	ELEVATION	ELLIPSOID
EASTING:	4764489.65	835.57	731.08

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 05/02/2014
DAY OF YEAR: 122

START TIME: 16:02:54
END TIME: 16:06:54

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:		
	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

NW CNR DR @ COLOR CHANGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
2

523 Wellington Way, Suite 375
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JOB REFERENCE
Kentucky Statewide

POINT ID: L-M20-24
Proj. No.: 7145-004

Photo:	Photo:
Photo:	Photo:

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-24
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-24 BE			Point ID	L-M20-24 BE		
NEZ	3757434.68	4764464.34	836.37				



Photo:				Photo:			
Point ID	L-M20-24 BR			Point ID	L-M20-24 BR		
NEZ	3757368.88	4764599.79	818.52				



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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-24
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-24 FA			Point ID	L-M20-24 FA		
NEZ	3757429.12	4764446.49	837.77				



Photo:				Photo:			
Point ID	L-M20-24 HG			Point ID	L-M20-24 HG		
NEZ	3757429.89	4764558.87	827.86				





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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-M20-24
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-M20-24 UA		Point ID		L-M20-24 UA	
NEZ	3757394.00	4764427.39	838.47				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-M20-25
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Breckinridge **QUAD:** Kingswood

OPERATOR: B. Novy

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3758854.65	ELEVATION	ELLIPSOID
EASTING:	4711129.37	607.52	503.73

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 05/02/2014
DAY OF YEAR: 122

START TIME: 14:48:31
END TIME: 14:52:23

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)			
MTRS/FT			
	MEASURED		FIXED HGT.

ANTENNA	
RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)			
MTRS/FT	2.000	Meters	
	MEASURED	X	FIXED HGT.

TOP OF MONUMENT IS:	X	FLUSH
METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL DR @ N RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





GPS CONTROL SURVEY FIELD DATA SHEET
--

PAGE
2

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JOB REFERENCE
Kentucky Statewide

POINT ID:	L-M20-25
Proj. No.:	7145-004

Photo:	Photo:
Photo:	Photo:

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Lexington, KY 40503
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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-25
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-25 BE			Point ID	L-M20-25 BE		
NEZ	3758888.89	4711101.51	601.15				



Photo:				Photo:			
Point ID	L-M20-25 BR			Point ID	L-M20-25 BR		
NEZ	3758875.84	4711051.38	597.82				



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JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-25
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-25 FA			Point ID	L-M20-25 FA		
NEZ	3758867.78	4711178.64	611.42				



Photo:				Photo:			
Point ID	L-M20-25 HG			Point ID	L-M20-25 HG		
NEZ	3758799.77	4711190.70	617.41				






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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-M20-25
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-M20-25 UA		Point ID		L-M20-25 UA	
NEZ	3758899.75	4711125.94	603.03				
							
Photo:				Photo:			
Point ID				Point ID			
NEZ							



**GPS CONTROL SURVEY
FIELD DATA SHEET**

PAGE
1

JOB REFERENCE
Kentucky Statewide

POINT ID: L-M20-26
Proj. No.: 7145-004

523 Wellington Way, Suite 375
Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

STATE: KY **COUNTY:** Ohio **QUAD:** Fordsville

OPERATOR: B. Novy

	NAD83 KY Single Zone (USFt)	NAVD88	GEOID 09
NORTHING:	3754316.36	ELEVATION	ELLIPSOID
EASTING:	4659652.56	676.13	573.48

RECEIVER MODEL: TRMR8_GNS
S

RECEIVER S/N: 4849161172

SESSION
KYVRS

DATE: 05/02/2014
DAY OF YEAR: 122

START TIME: 13:52:30
END TIME: 13:59:07

X **UTC**
LOCAL

ANTENNA HEIGHT (SLANT)

MTRS/FT	MEASURED	FIXED HGT.

ANTENNA

RADIUS (M):	
Antenna Serial #:	N/A
Antenna Type:	INTEGRATED

ANTENNA HEIGHT (ARP)

MTRS/FT	2.000	Meters
	MEASURED	X FIXED HGT.

TOP OF MONUMENT IS: X **FLUSH**

METERS/ FEET		ABOVE GROUND
METERS/ FEET		BELOW GROUND

CL DR @ S RD EDGE NAIL SET

	AERIAL TARGET		PHOTO I.D.
	PUB. BENCHMARK	X	NEW CONTROL
	PUB. CONTROL		BASE STATION

Photo:

Photo:





GPS CONTROL SURVEY FIELD DATA SHEET
--

523 Wellington Way, Suite 375
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859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide





POINT ID:	L-M20-26
Proj. No.:	7145-004

Photo:	Photo:
Photo:	Photo:

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Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide




AREA ID:	L-M20-26
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-26 BE			Point ID	L-M20-26 BE		
NEZ	3754261.27	4659702.71	677.01				
							
Photo:				Photo:			
Point ID	L-M20-26 BR			Point ID	L-M20-26 BR		
NEZ	3754200.70	4659747.08	675.80				
							

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Lexington, KY 40503
859-277-8700 voice 859-277-8901 fax

JOB REFERENCE
Kentucky Statewide

AREA ID:	L-M20-26
Proj. No.:	7145-004

Photo:				Photo:			
Point ID	L-M20-26 FA			Point ID	L-M20-26 FA		
NEZ	3754182.47	4659806.08	671.19				
							
Photo:				Photo:			
Point ID	L-M20-26 HG			Point ID	L-M20-26 HG		
NEZ	3754228.00	4659714.37	677.80				
							



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**LiDAR Truing Points
 FIELD DATA SHEET**

PAGE
 3

JOB REFERENCE
 Kentucky Statewide

AREA ID: L-M20-26
Proj. No.: 7145-002

Photo:				Photo:			
Point ID		L-M20-26 UA		Point ID		L-M20-26 UA	
NEZ	3754269.07	4659659.76	677.36				



Photo:				Photo:			
Point ID				Point ID			
NEZ							



The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

```
PROGRAM = datasheet95, VERSION = 8.4
1      National Geodetic Survey, Retrieval Date = MAY 16, 2014
DG8013 *****
DG8013 FBN - This is a Federal Base Network Control Station.
DG8013 DESIGNATION - FBN ROBERTS
DG8013 PID - DG8013
DG8013 STATE/COUNTY- KY/EDMONSON
DG8013 COUNTRY - US
DG8013 USGS QUAD - PARK CITY (1973)
DG8013
DG8013 *CURRENT SURVEY CONTROL
DG8013
DG8013* NAD 83(2011) POSITION- 37 04 02.90575(N) 086 06 54.25116(W) ADJUSTED
DG8013* NAD 83(2011) ELLIP HT- 159.972 (meters) (06/27/12) ADJUSTED
DG8013* NAD 83(2011) EPOCH - 2010.00
DG8013* NAVD 88 ORTHO HEIGHT - 190.8 (meters) 626. (feet) GPS OBS
DG8013
DG8013 NAVD 88 orthometric height was determined with geoid model GEOID03
DG8013 GEOID HEIGHT - -30.77 (meters) GEOID03
DG8013 GEOID HEIGHT - -30.85 (meters) GEOID12A
DG8013 NAD 83(2011) X - 345,242.307 (meters) COMP
DG8013 NAD 83(2011) Y - -5,083,901.742 (meters) COMP
DG8013 NAD 83(2011) Z - 3,823,467.214 (meters) COMP
DG8013 LAPLACE CORR - -2.65 (seconds) DEFLEC12A
DG8013
DG8013 FGDC Geospatial Positioning Accuracy Standards (95% confidence, cm)
DG8013 Type Horiz Ellip Dist(km)
DG8013 -----
DG8013 NETWORK 0.82 1.29
DG8013 -----
DG8013 MEDIAN LOCAL ACCURACY AND DIST (037 points) 0.99 1.61 71.29
DG8013 -----
DG8013 NOTE: Click here for information on individual local accuracy
DG8013 values and other accuracy information.
DG8013
DG8013
DG8013.The horizontal coordinates were established by GPS observations
DG8013.and adjusted by the National Geodetic Survey in June 2012.
DG8013
DG8013.NAD 83(2011) refers to NAD 83 coordinates where the reference
DG8013.frame has been affixed to the stable North American tectonic plate. See
DG8013.NA2011 for more information.
DG8013
DG8013.The horizontal coordinates are valid at the epoch date displayed above
DG8013.which is a decimal equivalence of Year/Month/Day.
DG8013
DG8013.The orthometric height was determined by GPS observations and a
DG8013.high-resolution geoid model.
DG8013
DG8013.The X, Y, and Z were computed from the position and the ellipsoidal ht.
DG8013
DG8013.The Laplace correction was computed from DEFLEC12A derived deflections.
DG8013
DG8013.The ellipsoidal height was determined by GPS observations
DG8013.and is referenced to NAD 83.
DG8013
DG8013. The following values were computed from the NAD 83(2011) position.
DG8013
DG8013; North East Units Scale Factor Converg.
DG8013;SPC KY1Z - 1,081,542.374 1,467,533.224 MT 1.00000383 -0 13 26.9
DG8013;SPC KY1Z - 3,548,360.27 4,814,731.92 sFT 1.00000383 -0 13 26.9
DG8013;SPC KY S - 581,532.844 467,534.770 MT 0.99995617 -0 13 17.0
DG8013;SPC KY S - 1,907,912.34 1,533,903.66 sFT 0.99995617 -0 13 17.0
DG8013;UTM 16 - 4,102,723.704 578,668.847 MT 0.99967624 +0 32 00.3
DG8013
DG8013! - Elev Factor x Scale Factor = Combined Factor
DG8013!SPC KY1Z - 0.99997490 x 1.00000383 = 0.99997873
DG8013!SPC KY S - 0.99997490 x 0.99995617 = 0.99993107
DG8013!UTM 16 - 0.99997490 x 0.99967624 = 0.99965114
```


DG8013
DG8013 SUPERSEDED SURVEY CONTROL
DG8013
DG8013 NAD 83(2007)- 37 04 02.90574(N) 086 06 54.25190(W) AD(2002.00) 0
DG8013 ELLIP H (02/10/07) 159.997 (m) GP(2002.00)
DG8013 NAD 83(1993)- 37 04 02.90568(N) 086 06 54.25202(W) AD() A
DG8013 ELLIP H (11/03/04) 159.995 (m) GP() 3 1
DG8013

DG8013.Superseded values are not recommended for survey control.

DG8013

DG8013.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.

DG8013.[See file dsdata.txt](#) to determine how the superseded data were derived.

DG8013

DG8013_U.S. NATIONAL GRID SPATIAL ADDRESS: 16SEG7866802723(NAD 83)

DG8013

DG8013_MARKER: DH = HORIZONTAL CONTROL DISK

DG8013_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT

DG8013_STAMPING: FBN ROBERTS 2002

DG8013_MARK LOGO: NGS

DG8013_PROJECTION: FLUSH

DG8013_MAGNETIC: R = STEEL ROD IMBEDDED IN MONUMENT

DG8013_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO

DG8013+STABILITY: SURFACE MOTION

DG8013_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR

DG8013+SATELLITE: SATELLITE OBSERVATIONS - October 17, 2005

DG8013

DG8013 HISTORY	- Date	Condition	Report By
----------------	--------	-----------	-----------

DG8013 HISTORY	- 20021112	MONUMENTED	KYTC
----------------	------------	------------	------

DG8013 HISTORY	- 20051017	GOOD	GRWAS
----------------	------------	------	-------

DG8013

STATION DESCRIPTION

DG8013

DG8013'DESCRIBED BY KENTUCKY TRANSPORTATION CABINET 2002 (CSM)

DG8013'LOCATED IN EDMONSON CO., 19 MILES ENE OF BOWLING GREEN, 12 MILES NW

DG8013'GLASGOW, 4.2 MILES SW OF CAVE CITY. STATION IS LOCATED IN THE R/W

DG8013'OF PROPERTY OWNED BY KYTC. TO REACH FROM THE INTERSECTION OF US

DG8013'231W AND KY 259 (18 MILES ENE OF BOWLING GREEN), GO S ON KY 259 FOR

DG8013'1.85 MILES TO INTERSECTION WITH KY 1339, TURN LEFT AND GO EAST ON KY

DG8013'1339 FOR 1.35 MILES TO STATION ON THE RIGHT. STATION IS AN NGS

DG8013'HORIZONTAL DISK SET IN A 10 IN DIAMETER Poured CONCRETE POST FLUSH

DG8013'WITH GROUND, 9.5 FT SW FROM CL OF KY 1339, 123 FT NW FROM INTERSECTION

DG8013'OF KY 1339 AND H. MADISON RD, 4.5 FT NE OF FENCELINE AND 65 FT SE

DG8013'CENTERLINE OF FIELD ENTRANCE DRIVE.

DG8013

STATION RECOVERY (2005)

DG8013

DG8013'RECOVERY NOTE BY GRW AERIAL SURVEY 2005 (ER)

DG8013'RECOVERED AS DESCRIBED. NO CARSONITE POST, ONLY WOOD STAKE IN FENCE.

*** retrieval complete.

Elapsed Time = 00:00:05

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

```
PROGRAM = datasheet95, VERSION = 8.4
1 National Geodetic Survey, Retrieval Date = MAY 16, 2014
GC2769 *****
GC2769 FBN - This is a Federal Base Network Control Station.
GC2769 DESIGNATION - KY 03
GC2769 PID - GC2769
GC2769 STATE/COUNTY- KY/WARREN
GC2769 COUNTRY - US
GC2769 USGS QUAD - BOWLING GREEN SOUTH (1993)
GC2769
GC2769 *CURRENT SURVEY CONTROL
GC2769
GC2769* NAD 83(2011) POSITION- 36 59 20.66148(N) 086 28 28.08284(W) ADJUSTED
GC2769* NAD 83(2011) ELLIP HT- 113.905 (meters) (06/27/12) ADJUSTED
GC2769* NAD 83(2011) EPOCH - 2010.00
GC2769* NAVD 88 ORTHO HEIGHT - 144.342 (meters) 473.56 (feet) ADJUSTED
GC2769
GC2769 NAD 83(2011) X - 313,666.024 (meters) COMP
GC2769 NAD 83(2011) Y - -5,091,160.505 (meters) COMP
GC2769 NAD 83(2011) Z - 3,816,493.124 (meters) COMP
GC2769 LAPLACE CORR - -0.98 (seconds) DEFLEC12A
GC2769 GEOID HEIGHT - -30.44 (meters) GEOID12A
GC2769 DYNAMIC HEIGHT - 144.230 (meters) 473.19 (feet) COMP
GC2769 MODELED GRAVITY - 979,852.7 (mgal) NAVD 88
GC2769
GC2769 VERT ORDER - SECOND CLASS I
GC2769
GC2769 FGDC Geospatial Positioning Accuracy Standards (95% confidence, cm)
GC2769 Type Horiz Ellip Dist(km)
GC2769 -----
GC2769 NETWORK 0.42 0.45
GC2769 -----
GC2769 MEDIAN LOCAL ACCURACY AND DIST (048 points) 0.71 1.11 95.40
GC2769 -----
GC2769 NOTE: Click here for information on individual local accuracy
GC2769 values and other accuracy information.
GC2769
GC2769
GC2769.The horizontal coordinates were established by GPS observations
GC2769.and adjusted by the National Geodetic Survey in June 2012.
GC2769
GC2769.NAD 83(2011) refers to NAD 83 coordinates where the reference
GC2769.frame has been affixed to the stable North American tectonic plate. See
GC2769.NA2011 for more information.
GC2769
GC2769.The horizontal coordinates are valid at the epoch date displayed above
GC2769.which is a decimal equivalence of Year/Month/Day.
GC2769
GC2769.The orthometric height was determined by differential leveling and
GC2769.adjusted by the NATIONAL GEODETIC SURVEY
GC2769.in August 2010.
GC2769
GC2769.No vertical observational check was made to the station.
GC2769
GC2769.Photographs are available for this station.
GC2769
GC2769.The X, Y, and Z were computed from the position and the ellipsoidal ht.
GC2769
GC2769.The Laplace correction was computed from DEFLEC12A derived deflections.
GC2769
GC2769.The ellipsoidal height was determined by GPS observations
GC2769.and is referenced to NAD 83.
GC2769
GC2769.The dynamic height is computed by dividing the NAVD 88
GC2769.geopotential number by the normal gravity value computed on the
GC2769.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
GC2769.degrees latitude (g = 980.6199 gals.).
GC2769
GC2769.The modeled gravity was interpolated from observed gravity values.
```

GC2769

GC2769. The following values were computed from the NAD 83(2011) position.

GC2769

GC2769;		North	East	Units	Scale	Factor	Converg.
GC2769;SPC KY1Z	-	1,073,028.278	1,435,503.821	MT	1.00002389	-0 26	41.3
GC2769;SPC KY1Z	-	3,520,426.94	4,709,648.79	sFT	1.00002389	-0 26	41.3
GC2769;SPC KY S	-	573,016.924	435,507.704	MT	0.99996343	-0 26	21.7
GC2769;SPC KY S	-	1,879,973.02	1,428,828.19	sFT	0.99996343	-0 26	21.7
GC2769;UTM 16	-	4,093,789.209	546,766.692	MT	0.99962694	+0 18	58.3

GC2769

GC2769! - Elev Factor x Scale Factor = Combined Factor

GC2769!SPC KY1Z - 0.99998212 x 1.00002389 = 1.00000601

GC2769!SPC KY S - 0.99998212 x 0.99996343 = 0.99994556

GC2769!UTM 16 - 0.99998212 x 0.99962694 = 0.99960907

GC2769

PID	Reference Object	Distance	Geod. Az ddmmss.s
DK3318	KY HWY DIST 3 CORS ARP	10.104 METERS	34415

GC2769

SUPERSEDED SURVEY CONTROL

GC2769

GC2769 NAD 83(2007)- 36 59 20.66164(N) 086 28 28.08377(W) AD(2002.00) 0

GC2769 ELLIP H (02/10/07) 113.924 (m) GP(2002.00)

GC2769 ELLIP H (11/03/04) 113.914 (m) GP() 3 1

GC2769 NAD 83(1993)- 36 59 20.66138(N) 086 28 28.08432(W) AD() A

GC2769 ELLIP H (09/07/94) 113.981 (m) GP() 3 1

GC2769 NAVD 88 (04/08/10) 144.34 (m) 473.6 (f) LEVELING 3

GC2769 NAVD 88 (11/03/04) 144.3 (m) GEOID03 model used GPS OBS

GC2769 NAVD 88 (09/07/94) 144.4 (m) GEOID93 model used GPS OBS

GC2769

GC2769. Superseded values are not recommended for survey control.

GC2769

GC2769. NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.

GC2769. [See file dsdata.txt](#) to determine how the superseded data were derived.

GC2769

GC2769_U.S. NATIONAL GRID SPATIAL ADDRESS: 16SEF4676693789(NAD 83)

GC2769

GC2769_MARKER: F = FLANGE-ENCASED ROD

GC2769_SETTING: 15 = METAL ROD DRIVEN INTO GROUND. SEE TEXT FOR ADDITIONAL

GC2769+WITH SETTING: INFORMATION.

GC2769_SP_SET: STAINLESS STEEL ROD IN SLEEVE

GC2769_STAMPING: KY 03 DOT 1993

GC2769_MARK LOGO: NGS

GC2769_PROJECTION: FLUSH

GC2769_MAGNETIC: I = MARKER IS A STEEL ROD

GC2769_STABILITY: B = PROBABLY HOLD POSITION/ELEVATION WELL

GC2769_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR

GC2769+SATELLITE: SATELLITE OBSERVATIONS - February 05, 2009

GC2769_ROD/PIPE-DEPTH: 1.70 meters

GC2769_SLEEVE-DEPTH : 1.00 meters

GC2769

GC2769 HISTORY - Date Condition Report By

GC2769 HISTORY - 1993 MONUMENTED NGS

GC2769 HISTORY - 19940314 GOOD

GC2769 HISTORY - 20010824 GOOD KYDT

GC2769 HISTORY - 20021216 GOOD WOOLPT

GC2769 HISTORY - 20081106 GOOD GRWAS

GC2769 HISTORY - 20090205 GOOD GRWAS

GC2769

STATION DESCRIPTION

GC2769

GC2769'DESCRIBED BY NATIONAL GEODETIC SURVEY 1993

GC2769'THE STATION IS LOCATED AT THE KENTUCKY TRANSPORTATION CABINET (KTC)

GC2769'DISTRICT THREE OFFICE IN BOWLING GREEN. OWNERSHIP--(KTC).

GC2769'TO REACH THE STATION FROM THE INTERSECTION OF STATE HIGHWAY 231 WITH

GC2769'THE GREEN RIVER PARKWAY IN NORTHWEST BOWLING GREEN, GO SOUTHEAST ON

GC2769'HIGHWAY 231 (MORGANTOWN ROAD) FOR 1.0 MILE (1.6 KM) TO STATE ROAD

GC2769'880. CONTINUE EAST ON HIGHWAY 231 FOR 0.7 MILE, PAST THE KTC OFFICE

GC2769'BUILDING, TO OLD MORGANTOWN ROAD ON THE LEFT. TURN LEFT AND GO NORTH

GC2769'ON OLD MORGANTOWN ROAD FOR 110 FEET (33.5 M) TO THE PAVED

GC2769'ENTERANCEWAY ON THE LEFT. TURN LEFT AND GO WEST ON ENTERANCEWAY

GC2769'DRIVE FOR 140 FEET (42.7 M) TO THE STATION ON THE RIGHT IN A GRASS

GC2769'FIELD AND RETENTION BASIN.

GC2769'LOCATED 38.2 FEET (11.6 M) NORTH OF THE CENTERLINE OF THE ENTERANCE

GC2769'DRIVE, 25.4 FEET (7.7 M) SOUTHWEST OF THE SOUTH END OF A CULVERT

GC2769'HEADWALL, 65.5 FEET (20.0 M) WEST OF THE WEST END OF A BOX CULVERT,

GC2769'94.0 FEET (28.7 M) EAST OF THE SOUTHEAST CORNER OF A TWO STORY BRICK

GC2769'BUILDING, AND 0.5 METER (1.6 FT) SOUTH OF A WITNESS POST.

GC2769
GC2769 STATION RECOVERY (1994)
GC2769
GC2769 'RECOVERED 1994
GC2769 'RECOVERED IN GOOD CONDITION.
GC2769
GC2769 STATION RECOVERY (2001)
GC2769
GC2769 'RECOVERY NOTE BY KENTUCKY DEPARTMENT OF TRANSPORTATION 2001 (DP)
GC2769 'MARK IS 101 FEET SOUTH OF THE SOUTHEAST CORNER OF A ONE STORY BRICK
GC2769 'BUILDING AND 80 FEET EAST OF A FLAG POLE BASE.
GC2769
GC2769 STATION RECOVERY (2002)
GC2769
GC2769 'RECOVERY NOTE BY WOOLPERT CONSULTANTS 2002 (CSM)
GC2769 'RECOVERED AS DESCRIBED.
GC2769
GC2769 STATION RECOVERY (2008)
GC2769
GC2769 'RECOVERY NOTE BY GRW AERIAL SURVEY 2008 (JCA)
GC2769 'RECOVERED AS DESCRIBED.
GC2769
GC2769 STATION RECOVERY (2009)
GC2769
GC2769 'RECOVERY NOTE BY GRW AERIAL SURVEY 2009 (CES)
GC2769 'RECOVERED AS DESCRIBED.

*** retrieval complete.
Elapsed Time = 00:00:05

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

```
PROGRAM = datasheet95, VERSION = 8.4
1      National Geodetic Survey, Retrieval Date = MAY 15, 2014
GZ1521 *****
GZ1521 DESIGNATION - TT 29 JRH
GZ1521 PID - GZ1521
GZ1521 STATE/COUNTY- KY/ADAIR
GZ1521 COUNTRY - US
GZ1521 USGS QUAD - GRADYVILLE (1973)
GZ1521
GZ1521 *CURRENT SURVEY CONTROL
GZ1521
GZ1521* NAD 83(1986) POSITION- 37 00 38.15 (N) 085 29 43.93 (W) HD_HELD1
GZ1521* NAVD 88 ORTHO HEIGHT - 222.385 (meters) 729.61 (feet) ADJUSTED
GZ1521
GZ1521 GEOID HEIGHT - -31.15 (meters) GEOID12A
GZ1521 DYNAMIC HEIGHT - 222.207 (meters) 729.02 (feet) COMP
GZ1521 MODELED GRAVITY - 979,825.9 (mgal) NAVD 88
GZ1521
GZ1521 VERT ORDER - FIRST CLASS I
GZ1521
GZ1521.The horizontal coordinates were determined by differentially corrected
GZ1521.hand held GPS observations or other comparable positioning techniques
GZ1521.and have an estimated accuracy of +/- 3 meters.
GZ1521.
GZ1521.The orthometric height was determined by differential leveling and
GZ1521.adjusted by the NATIONAL GEODETIC SURVEY
GZ1521.in June 1991.
GZ1521
GZ1521.The dynamic height is computed by dividing the NAVD 88
GZ1521.geopotential number by the normal gravity value computed on the
GZ1521.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
GZ1521.degrees latitude (g = 980.6199 gals.).
GZ1521
GZ1521.The modeled gravity was interpolated from observed gravity values.
GZ1521
GZ1521; North East Units Estimated Accuracy
GZ1521;SPC KY1Z - 1,075,197.6 1,522,647.5 MT (+/- 3 meters HH1 GPS)
GZ1521
GZ1521 SUPERSEDED SURVEY CONTROL
GZ1521
GZ1521 NGVD 29 (??/??/92) 222.541 (m) 730.12 (f) ADJ UNCH 1 1
GZ1521
GZ1521.Superseded values are not recommended for survey control.
GZ1521
GZ1521.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
GZ1521.See file dsdata.txt to determine how the superseded data were derived.
GZ1521
GZ1521_U.S. NATIONAL GRID SPATIAL ADDRESS: 16SFF3384697105(NAD 83)
GZ1521
GZ1521_MARKER: DD = SURVEY DISK
GZ1521_SETTING: 32 = SET IN A RETAINING WALL OR CONCRETE LEDGE
GZ1521_SP_SET: CULVERT HEADWALL
GZ1521_STAMPING: TT 29 JRH 1951
GZ1521_MARK LOGO: USGS
GZ1521_MAGNETIC: N = NO MAGNETIC MATERIAL
GZ1521_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
GZ1521+STABILITY: SURFACE MOTION
GZ1521_SATELLITE: THE SITE LOCATION WAS REPORTED AS NOT SUITABLE FOR
GZ1521+SATELLITE: SATELLITE OBSERVATIONS - August 24, 2005
GZ1521
GZ1521 HISTORY - Date Condition Report By
GZ1521 HISTORY - 1951 MONUMENTED USGS
GZ1521 HISTORY - 1968 GOOD CGS
GZ1521 HISTORY - 19931101 GOOD KYDT
GZ1521 HISTORY - 20050824 GOOD KYTC
GZ1521
GZ1521 STATION DESCRIPTION
GZ1521
GZ1521'DESCRIBED BY COAST AND GEODETIC SURVEY 1968
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GZ1521'8.9 MI NE FROM EDMONTON.

GZ1521'ABOUT 0.45 MILE NORTH ALONG U.S. HIGHWAY 68 AND STATE HIGHWAY

GZ1521'80 FROM THE METCALFE COUNTY COURTHOUSE AT EDMONTON, THENCE

GZ1521'8.45 MILES NORTHEAST ALONG STATE HIGHWAY 80, 0.55 MILE

GZ1521'NORTHEAST OF THE METCALFE-ADAIR COUNTY LINE, A U.S. GEOLOGICAL

GZ1521'SURVEY DISK SET IN THE TOP OF THE EAST END OF THE SOUTH CONCRETE

GZ1521'HEADWALL OF A CULVERT UNDER THE HIGHWAY, 17 FEET SOUTH OF THE

GZ1521'CENTERLINE AND ABOUT LEVEL WITH THE HIGHWAY.

GZ1521

STATION RECOVERY (1993)

GZ1521

GZ1521'RECOVERY NOTE BY KENTUCKY DEPARTMENT OF TRANSPORTATION 1993 (RH)

GZ1521'RECOVERED AS DESCRIBED.

GZ1521

STATION RECOVERY (2005)

GZ1521

GZ1521'RECOVERY NOTE BY KENTUCKY TRANSPORTATION CABINET 2005 (RDH)

GZ1521'MARK IS 61 FEET WEST OF A BRACE POLE, 43 FEET SOUTH AND ACROSS ROAD

GZ1521'FROM TELEPHONE POLE XC97A.

*** retrieval complete.

Elapsed Time = 00:00:10