

## Survey Report

Documenting Surveys Performed For  
**USGS GSPC3 Contract# ING17PC00006**

**Task Order: 140G0220F0075 (Subconsultant to Aerial Services, Inc.)**

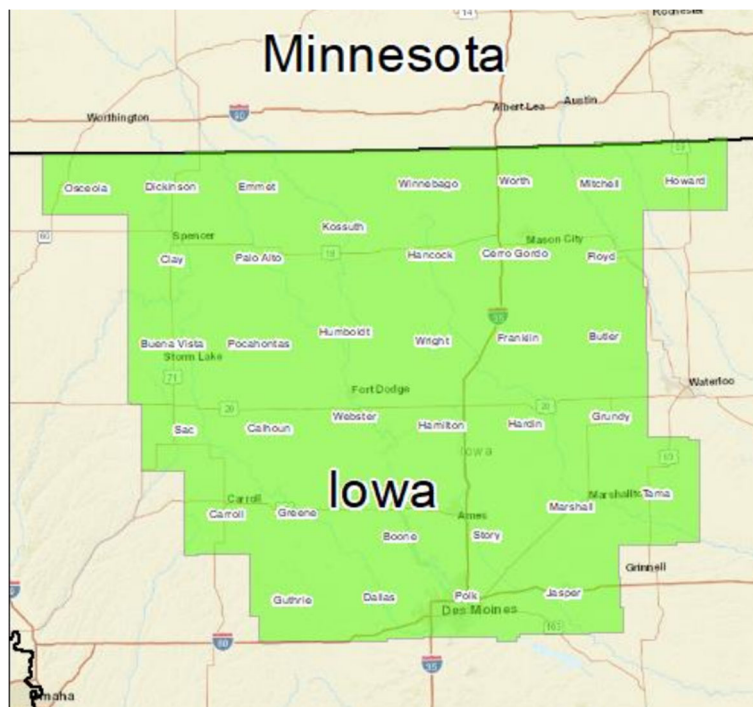
**Aerial Control Surveys for LiDAR calibration and validation - 35 Counties in North Central Iowa**

Prairie Engineers Project # 290.2001

### Project Location and Objective

The overall task order includes leaf-off lidar surveys of 19,737 square miles covering 35 counties in North Central Iowa supporting the Natural Resources Conservation Service (NRCS) high resolution elevation enterprise program, the Iowa Department of Agriculture, and Land Stewardship (IDALS) Iowa Flood Plain program. Counties to be surveyed include: Boone, Buena Vista, Butler, Calhoun, Carroll, Cerro Gordo, Clay, Dallas, Dickinson, Emmet, Floyd, Franklin, Greene, Grundy, Guthrie, Hamilton, Hancock, Hardin, Howard, Humboldt, Jasper, Kossuth, Marshall, Mitchell, Osceola, Palo Alto, Pocahontas, Polk, Sac, Story, Tama, Webster, Winnebago, Worth and Wright.

The objective of the surveys performed by Prairie Engineers and detailed in this survey report was to establish ground control (calibration) points, and Quality Check points including Non-vegetated Vertical Accuracy check points (NVAs) and Vegetated Vertical Accuracy check points (VVs).



### Spatial Reference System

All data collected was referenced to NAD83 (2011), Universal Transverse Mercator (UTM) Zone 15 North, Meters for the horizontal system and to NAVD 88 (Geoid 18), Meters for the vertical system.

### Ground Control Points Established

Prairie established 250 ground control points, 359 Non-vegetated Vertical Accuracy Check Points, and 251 Vegetated Vertical Accuracy Check Points in locations directed by ASI.

404 North Main Street  
Columbia, IL 62236  
N 38°26'45"  
W 90°12'10"

8873 Hazelwood Tech Court  
Hazelwood, MO 63042  
N 38°46'25"  
W 90°20'35"

9025 Illinois Route 127  
Hillsboro, IL 62049  
N 39°07'50"  
W 89°29'12"

106 Washington Street  
Keokuk, IA 52632  
N 40°24'53"  
W 91°24'02"

926 SW Adams Street  
Peoria, IL 61602  
N 40°41'05"  
W 89°36'00"

6405 Canadian Cross Drive  
Springfield, IL 62711  
N 39°42'31"  
W 89°38'39"

### **Criteria Referenced**

**National Geospatial Program Lidar Base Specification Version 2.1 – USGS 2019**

**Positional Accuracy Standards for Digital Geospatial Data – ASPRS 2014**

### **Methodology**

All ground control point, and check point surveys were conducted using Real Time Kinematic GNSS (RTK GNSS) methods. VVA points with obstructed horizons were collected using robotic total station observations from temporary control points established using RTK GNSS observations. All surveys utilized real-time corrections from the Iowa Real Time Network (IARTN) and the datum was confirmed by multiple check shots each day on NGS Control Monuments throughout the survey area.

Surveys were confirmed to meet or exceed the criteria prescribed accuracies of 3.3 cm RMSE (1/3 of required Lidar Mapping RMSE) at the 95% confidence interval. Ground Control Points coordinates and elevations were established using two independent minimum 180 epoch duration RTK GNSS observations separated by at least 2 hours between observations. NVA and VVA check point coordinates and elevations were established using a single 180 epoch duration RTK GNSS observation.

Quality Control checks were performed in real time and reviewed daily.

### **Equipment Used during this survey**

Trimble S5 Total Station – S/N 37030185

Trimble R10 GNSS Receiver – S/N 5816470163

Trimble R6 GNSS Receiver – S/N 5311428192

Trimble R6 GNSS Receiver – S/N 5209483601

### **Personnel Performing Survey**

Darren Forgy, P.E., PLS – Quality Assurance

Jeff East, EI – Processing and Report Development

Jennifer Trapani, PLS – Project Manager / Supervisory Land Surveyor

Kevin Flood, PLS – Land Surveyor / Survey Party Chief

Ted Vahle, PLS – Land Surveyor / Survey Party Chief

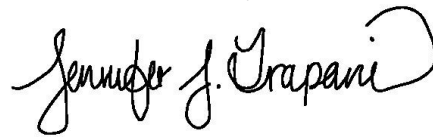
Tom Young – Survey Party Chief

Zach Vahle – Survey Party Chief

**Survey Information and Deliverables**

- This Survey Report
- Reference Attachment A for NGS Control Monuments observed and resulting datum deltas.
- Reference Attachment B for summary of Ground Control Points observed and resulting deltas.
- Reference Attachment C for a listing of final coordinates and elevations of Ground Control Points observed.
- Reference Attachment D for a listing of final NVA point coordinates and elevations observed.
- Reference Attachment E for a listing of final VVA point coordinates and elevations observed.
- Reference Attachment F for a compilation of photos of each Ground Control Point observed.

Sincerely,  
PRAIRIE ENGINEERS, P.C.



Jennifer Trapani, PLS  
Iowa PLS 20519, Exp. 12/31/2022

# Attachment A

| Horizontal Control Observations and Checks |               |             |           |                    |        |        |        |   |
|--|---------------|-------------|-----------|--------------------|--------|--------|--------|---|
| Point #                                    | Northing      | Easting     | Elevation | Description        | ΔN     | ΔE     | ΔElev  |   |
| DP4554                                     | 4,650,633.892 | 451,239.848 | 267.887   | SURVEY DISK        | 0.000  | 0.000  | 0.000  |   |
| 106  | 4,650,633.894 | 451,239.845 | 267.901   | 135-DP4554         | 0.002  | -0.003 | 0.014  |   |
| 116  | 4,650,633.877 | 451,239.845 | 267.896   | 135-DP4554         | -0.015 | -0.003 | 0.009  |   |
| 506  | 4,650,633.883 | 451,239.845 | 267.907   | 135-DP4554         | -0.009 | -0.003 | 0.020  |   |
| 513  | 4,650,633.885 | 451,239.840 | 267.897   | 135-DP4554         | -0.007 | -0.008 | 0.010  |   |
| 514  | 4,650,633.889 | 451,239.833 | 267.909   | 135-DP4554         | -0.003 | -0.015 | 0.022  |   |
| 524  | 4,650,633.888 | 451,239.840 | 267.906   | 135-DP4554         | -0.004 | -0.008 | 0.019  |   |
| -  | -             | -           | -         | -                  | -      | -      | -      | - |
| DP4556                                     | 4,650,877.256 | 454,844.931 | 292.009   | FLANGE ENCASED ROD | 0.000  | 0.000  | 0.000  |   |
| 102  | 4,650,877.261 | 454,844.924 | 292.014   | 135-DP4556         | 0.005  | -0.007 | 0.005  |   |
| 104  | 4,650,877.260 | 454,844.927 | 292.009   | 135-DP4556         | 0.004  | -0.004 | 0.000  |   |
| 109  | 4,650,877.271 | 454,844.912 | 292.012   | 135-DP4556         | 0.015  | -0.019 | 0.003  |   |
| 110  | 4,650,877.261 | 454,844.926 | 292.009   | 135-DP4556         | 0.005  | -0.005 | 0.000  |   |
| 112  | 4,650,877.255 | 454,844.923 | 292.019   | 135-DP4556         | -0.001 | -0.008 | 0.010  |   |
| 113  | 4,650,877.257 | 454,844.919 | 292.015   | 135-DP4556         | 0.001  | -0.012 | 0.006  |   |
| 114  | 4,650,877.260 | 454,844.924 | 292.022   | 135-DP4556         | 0.004  | -0.007 | 0.013  |   |
| 501  | 4,650,877.264 | 454,844.930 | 292.021   | 135-DP4556         | 0.008  | -0.001 | 0.012  |   |
| 509  | 4,650,877.262 | 454,844.925 | 292.036   | 135-DP4556         | 0.006  | -0.006 | 0.027  |   |
| 510  | 4,650,877.265 | 454,844.925 | 292.023   | 135-DP4556         | 0.009  | -0.006 | 0.014  |   |
| 518  | 4,650,877.254 | 454,844.930 | 292.020   | 135-DP4556         | -0.002 | -0.001 | 0.011  |   |
| 519  | 4,650,877.255 | 454,844.930 | 292.025   | 135-DP4556         | -0.001 | -0.001 | 0.016  |   |
| 117  | 4,650,877.259 | 454,844.922 | 292.020   | 135-DP4556         | 0.003  | -0.009 | 0.011  |   |
| -  | -             | -           | -         | -                  | -      | -      | -      | - |
| DP4537                                     | 4,653,964.216 | 430,896.584 | 346.147   | SURVEY DISK        | 0.000  | 0.000  | 0.000  |   |
| 108  | 4,653,964.214 | 430,896.580 | 346.159   | 135-DP4537         | -0.002 | -0.004 | 0.012  |   |
| -  | -             | -           | -         | -                  | -      | -      | -      | - |
| MH0207                                     | 4,601,710.323 | 486,690.171 | 281.230   | BENCHMARK DISK     | 0.000  | 0.000  | 0.000  |   |
| 101  | 4,601,710.323 | 486,690.169 | 281.217   | 135-MH0207         | 0.000  | -0.002 | -0.013 |   |
| 103  | 4,601,710.327 | 486,690.161 | 281.217   | 135-MH0207         | 0.004  | -0.010 | -0.013 |   |
| 111  | 4,601,710.326 | 486,690.174 | 281.214   | 135-MH0207         | 0.003  | 0.003  | -0.016 |   |
| -  | -             | -           | -         | -                  | -      | -      | -      | - |
| MH0109                                     | 4,590,219.950 | 529,478.645 | 263.407   | BENCHMARK DISK     | 0.000  | 0.000  | 0.000  |   |
| 100  | 4,590,219.959 | 529,478.649 | 263.402   | 135-MH0109         | 0.009  | 0.004  | -0.005 |   |
| 500  | 4,590,219.934 | 529,478.641 | 263.403   | 135-MH0109         | -0.016 | -0.004 | -0.004 |   |
| 341  | 4,590,219.956 | 529,478.650 | 263.416   | 135-MH0109         | 0.006  | 0.005  | 0.009  |   |
| 740  | 4,590,219.954 | 529,478.644 | 263.413   | 135-MH0109         | 0.004  | -0.001 | 0.006  |   |
| -  | -             | -           | -         | -                  | -      | -      | -      | - |
| DI3115                                     | 4,699,180.363 | 428,128.654 | 336.120   | METAL ROD          | 0.000  | 0.000  | 0.000  |   |
| 107  | 4,699,180.391 | 428,128.651 | 336.109   | 135-DI3115         | 0.028  | -0.003 | -0.011 |   |
| 320  | 4,699,180.380 | 428,128.672 | 336.110   | 135-DI3115         | 0.017  | 0.018  | -0.010 |   |
| 120  | 4,699,180.381 | 428,128.654 | 336.099   | 134-DI3115         | 0.018  | 0.000  | -0.021 |   |
| 142  | 4,699,180.379 | 428,128.655 | 336.086   | 135-DI3115         | 0.016  | 0.001  | -0.034 |   |
| 542  | 4,699,180.377 | 428,128.653 | 336.118   | 135-DI3115         | 0.014  | -0.001 | -0.002 |   |
| -  | -             | -           | -         | -                  | -      | -      | -      | - |
| MJ0074                                     | 4,625,547.311 | 412,870.626 | 312.835   | BENCHMARK DISK     | 0.000  | 0.000  | 0.000  |   |
| 115  | 4,625,547.311 | 412,870.628 | 312.811   | 135-MJ0074         | 0.000  | 0.002  | -0.024 |   |
| -  | -             | -           | -         | -                  | -      | -      | -      | - |
| MH0163                                     | 4,632,985.496 | 518,012.704 | 314.070   | BENCHMARK DISK     | 0.000  | 0.000  | 0.000  |   |
| 503  | 4,632,985.501 | 518,012.702 | 314.022   | 135-MH0163         | 0.005  | -0.002 | -0.048 |   |
| 504  | 4,632,985.508 | 518,012.701 | 314.025   | 135-MH0163         | 0.012  | -0.003 | -0.045 |   |
| -  | -             | -           | -         | -                  | -      | -      | -      | - |
| MH0157                                     | 4,619,189.940 | 523,177.450 | 307.244   | BENCHMARK DISK     | 0.000  | 0.000  | 0.000  |   |
| 505  | 4,619,190.120 | 523,177.433 | 307.200   | 135-MH0157         | 0.180  | -0.017 | -0.044 |   |
| -  | -             | -           | -         | -                  | -      | -      | -      | - |
| DP4588                                     | 4,650,171.481 | 506,922.988 | 303.477   | SURVEY DISK        | 0.000  | 0.000  | 0.000  |   |
| 502  | 4,650,171.474 | 506,922.987 | 303.481   | 135-DP4588         | -0.007 | -0.001 | 0.004  |   |
| 511  | 4,650,171.469 | 506,922.987 | 303.493   | 135-DP4588         | -0.012 | -0.001 | 0.016  |   |
| -  | -             | -           | -         | -                  | -      | -      | -      | - |
| NK0284                                     | 4,703,672.367 | 478,415.245 | 343.764   | SURVEY DISK        | 0.000  | 0.000  | 0.000  |   |
| 517  | 4,703,672.384 | 478,415.249 | 343.768   | 135-NK0284         | 0.017  | 0.004  | 0.004  |   |
| 720  | 4,703,672.383 | 478,415.256 | 343.726   | 135-NK0284         | -0.001 | 0.007  | -0.042 |   |
| 324  | 4,703,672.388 | 478,415.249 | 343.740   | 135-NK0284         | 0.004  | 0.000  | -0.028 |   |
| 723  | 4,703,672.387 | 478,415.251 | 343.717   | 135-NK0284         | 0.003  | 0.002  | -0.051 |   |
| -  | -             | -           | -         | -                  | -      | -      | -      | - |
| DP4576                                     | 4,650,621.444 | 487,098.461 | 318.548   | FLANGE ENCASED ROD | 0.000  | 0.000  | 0.000  |   |
| 507  | 4,650,621.454 | 487,098.464 | 318.556   | 135-DP4576         | 0.010  | 0.003  | 0.008  |   |
| 508  | 4,650,621.458 | 487,098.458 | 318.532   | 135-DP4576         | 0.014  | -0.003 | -0.016 |   |

|        |               |             |         |                          |        |        |        |
|--------|---------------|-------------|---------|--------------------------|--------|--------|--------|
| 526    | 4,650,621.443 | 487,098.454 | 318.557 | 135-DP4576               | -0.001 | -0.007 | 0.009  |
| -      | -             | -           | -       | -                        | -      | -      | -      |
| DP4516 | 4,654,479.502 | 398,497.044 | 316.031 | FLANGE ENCASED ROD       | 0.000  | 0.000  | 0.000  |
| 522    | 4,654,479.503 | 398,497.038 | 316.028 | 135-DP4516               | 0.001  | -0.006 | -0.003 |
| 313    | 4,654,479.505 | 398,497.032 | 316.035 | 135-DP4516               | 0.002  | -0.006 | 0.007  |
| -      | -             | -           | -       | -                        | -      | -      | -      |
| MJ0041 | 4,629,097.076 | 387,607.990 | 332.326 | BENCHMARK DISK           | 0.000  | 0.000  | 0.000  |
| 520    | 4,629,097.060 | 387,608.041 | 332.340 | 135-MJ0041               | -0.016 | 0.051  | 0.014  |
| 521    | 4,629,097.060 | 387,608.041 | 332.337 | 135-MJ0041               | -0.016 | 0.051  | 0.011  |
| 338    | 4,629,097.047 | 387,608.037 | 332.368 | 135-MJ0041               | -0.029 | 0.047  | 0.042  |
| -      | -             | -           | -       | -                        | -      | -      | -      |
| DP4534 | 4,653,977.647 | 426,855.133 | 338.194 | SURVEY DISK              | 0.000  | 0.000  | 0.000  |
| 118    | 4,653,977.666 | 426,855.148 | 338.198 | 135-DP4534               | 0.019  | 0.015  | 0.004  |
| -      | -             | -           | -       | -                        | -      | -      | -      |
| DP4526 | 4,653,541.389 | 415,268.797 | 331.495 | SURVEY DISK              | 0.000  | 0.000  | 0.000  |
| 525    | 4,653,541.393 | 415,268.798 | 331.503 | 135-DP4526               | 0.004  | 0.001  | 0.008  |
| -      | -             | -           | -       | -                        | -      | -      | -      |
| NL0119 | 4,702,730.863 | 413,660.280 | 339.101 | BENCHMARK DISK           | 0.000  | 0.000  | 0.000  |
| 701    | 4,702,730.867 | 413,660.269 | 339.074 | 135-NL0119               | 0.004  | -0.011 | -0.027 |
| 703    | 4,702,730.868 | 413,660.296 | 339.062 | 135-NL0119               | 0.005  | 0.016  | -0.039 |
| 704    | 4,702,730.874 | 413,660.279 | 339.070 | 135-NL0119               | 0.011  | -0.001 | -0.031 |
| 706    | 4,702,730.873 | 413,660.279 | 339.080 | 135-NL0119CK             | 0.010  | -0.001 | -0.021 |
| 707    | 4,702,730.868 | 413,660.275 | 339.077 | 135-NL0119CK             | 0.005  | -0.005 | -0.024 |
| 709    | 4,702,730.864 | 413,660.277 | 339.168 | 135-NL0119CK             | 0.001  | -0.003 | 0.067  |
| 710    | 4,702,730.869 | 413,660.280 | 339.092 | 135-NL0119CK             | 0.006  | 0.000  | -0.009 |
| 713    | 4,702,730.861 | 413,660.286 | 339.065 | 135-NL0119               | -0.002 | 0.006  | -0.036 |
| 714    | 4,702,730.874 | 413,660.293 | 339.065 | 135-NL0119CK             | 0.011  | 0.013  | -0.036 |
| 717    | 4,702,730.864 | 413,660.278 | 339.088 | 135-NL0119CK             | 0.001  | -0.002 | -0.013 |
| 718    | 4,702,730.879 | 413,660.282 | 339.089 | 135-NL0119CK             | 0.016  | 0.002  | -0.012 |
| 301    | 4,702,730.858 | 413,660.295 | 339.082 | NL0119                   | -0.005 | 0.015  | -0.019 |
| 306    | 4,702,730.857 | 413,660.290 | 339.097 | 135-NL0119               | -0.006 | 0.010  | -0.004 |
| 309    | 4,702,730.874 | 413,660.278 | 339.067 | 135-NL0119               | 0.011  | -0.002 | -0.034 |
| 312    | 4,702,730.861 | 413,660.293 | 339.093 | 135-NL0119               | -0.002 | 0.013  | -0.008 |
| 316    | 4,702,730.865 | 413,660.285 | 339.083 | 135-NL0119               | 0.002  | 0.005  | -0.018 |
| 318    | 4,702,730.868 | 413,660.280 | 339.092 | 135-NL0119               | 0.005  | 0.000  | -0.009 |
| -      | -             | -           | -       | -                        | -      | -      | -      |
| MJ0089 | 4,593,703.316 | 407,253.469 | 334.006 | BENCHMARK DISK           | 0.000  | 0.000  | 0.000  |
| 700    | 4,593,703.325 | 407,253.473 | 333.976 | 135-MJ0089               | 0.009  | 0.004  | -0.030 |
| 300    | 4,593,703.327 | 407,253.467 | 334.003 | 135-MJ0089               | 0.011  | -0.002 | -0.003 |
| -      | -             | -           | -       | -                        | -      | -      | -      |
| DP4495 | 4,656,409.231 | 365,672.165 | 338.919 | SURVEY DISK              | 0.000  | 0.000  | 0.000  |
| 702    | 4,656,409.229 | 365,672.156 | 338.865 | 135-DP4495               | -0.002 | -0.009 | -0.054 |
| 711    | 4,656,409.226 | 365,672.146 | 338.896 | 135-DP4495               | -0.005 | -0.019 | -0.023 |
| 302    | 4,656,409.252 | 365,672.161 | 338.906 | DP4495                   | 0.021  | -0.004 | -0.013 |
| -      | -             | -           | -       | -                        | -      | -      | -      |
| DP4508 | 4,654,681.192 | 385,925.221 | 321.198 | SURVEY DISK              | 0.000  | 0.000  | 0.000  |
| 705    | 4,654,681.165 | 385,925.217 | 321.211 | 135-DP4508               | -0.027 | -0.004 | 0.013  |
| -      | -             | -           | -       | -                        | -      | -      | -      |
| NL0245 | 4,718,500.901 | 346,903.863 | 376.756 | BENCHMARK DISK           | 0.000  | 0.000  | 0.000  |
| 708    | 4,718,500.889 | 346,903.838 | 376.700 | 135-NL0245               | -0.012 | -0.025 | -0.056 |
| 712    | 4,718,500.894 | 346,903.834 | 376.748 | 135-NL0245CK             | -0.007 | -0.029 | -0.008 |
| 307    | 4,718,500.901 | 346,903.863 | 376.756 | NL0245                   | 0.012  | 0.025  | 0.056  |
| 308    | 4,718,500.901 | 346,903.838 | 376.742 | 135-NL0245               | 0.000  | -0.025 | -0.014 |
| 310    | 4,718,500.913 | 346,903.837 | 376.732 | 135-NL0245               | 0.012  | -0.026 | -0.024 |
| 319    | 4,718,500.900 | 346,903.839 | 376.753 | 135-NL0245               | -0.001 | -0.024 | -0.003 |
| 130    | 4,718,500.911 | 346,903.850 | 376.734 | 135-NL0245               | 0.010  | -0.013 | -0.022 |
| -      | -             | -           | -       | -                        | -      | -      | -      |
| NK0459 | 4,730,881.024 | 438,745.051 | 353.678 | BENCHMARK DISK           | 0.000  | 0.000  | 0.000  |
| 715    | 4,730,881.038 | 438,745.061 | 353.668 | 135-NK0459               | 0.014  | 0.010  | -0.010 |
| -      | -             | -           | -       | -                        | -      | -      | -      |
| NL0062 | 4,726,974.266 | 415,621.058 | 346.060 | TOPOGRAPHIC STATION DISK | 0.000  | 0.000  | 0.000  |
| 716    | 4,726,974.294 | 415,621.050 | 346.015 | 135-NL0062               | 0.028  | -0.008 | -0.045 |
| 317    | 4,726,974.300 | 415,621.057 | 346.015 | 135-NL0062               | 0.034  | -0.001 | -0.045 |
| -      | -             | -           | -       | -                        | -      | -      | -      |
| NK1086 | 4,731,954.138 | 475,375.238 | 368.954 | BENCHMARK DISK           | 0.000  | 0.000  | 0.000  |
| 719    | 4,731,954.116 | 475,375.263 | 368.910 | 135-NK1086               | -0.022 | 0.025  | -0.044 |
| -      | -             | -           | -       | -                        | -      | -      | -      |
| DP4470 | 4,660,047.619 | 326,969.037 | 405.093 | SURVEY DISK              | 0.000  | 0.000  | 0.000  |
| 304    | 4,660,047.619 | 326,969.037 | 405.093 | 135 SEARCH               | 0.000  | 0.000  | 0.000  |
| 305    | 4,660,047.628 | 326,969.044 | 405.102 | 135-DP4470               | 0.009  | 0.007  | 0.009  |
| -      | -             | -           | -       | -                        | -      | -      | -      |

|        |               |             |         |                            |        |        |        |
|--------|---------------|-------------|---------|----------------------------|--------|--------|--------|
| NL0265 | 4,729,670.316 | 306,026.943 | 439.534 | BENCHMARK DISK             | 0.000  | 0.000  | 0.000  |
| 311    | 4,729,670.357 | 306,026.930 | 439.497 | 135-NL0265                 | 0.041  | -0.013 | -0.037 |
| -      | -             | -           | -       | -                          | -      | -      | -      |
| DP4489 | 4,658,353.823 | 356,246.081 | 378.409 | SURVEY DISK                | 0.000  | 0.000  | 0.000  |
| 314    | 4,658,353.823 | 356,246.081 | 378.409 | 135 SEARCH                 | 0.000  | 0.000  | 0.000  |
| 315    | 4,658,353.817 | 356,246.051 | 378.411 | 135-DP4489                 | -0.006 | -0.030 | 0.002  |
| -      | -             | -           | -       | -                          | -      | -      | -      |
| DL6007 | 4,656,560.300 | 352,071.258 | 365.010 | FLANGE ENCASED ROD         | 0.000  | 0.000  | 0.000  |
| 303    | 4,656,560.306 | 352,071.249 | 365.006 | 135 DL6007                 | 0.006  | -0.009 | -0.004 |
| -      | -             | -           | -       | -                          | -      | -      | -      |
| NLO235 | 4,746,228.737 | 338,559.973 | 421.370 | BENCHMARK DISK             | 0.000  | 0.000  | 0.000  |
| 121    | 4,746,228.737 | 338,559.973 | 421.370 | 103-NLO235                 | 0.000  | 0.000  | 0.000  |
| 122    | 4,746,228.740 | 338,559.967 | 421.352 | 135-NLO235                 | 0.003  | -0.006 | -0.018 |
| 124    | 4,746,228.746 | 338,559.972 | 421.349 | 135-NLO235                 | 0.009  | -0.001 | -0.021 |
| -      | -             | -           | -       | -                          | -      | -      | -      |
| OP0490 | 4,780,163.426 | 318,657.394 | 407.215 | BENCHMARK DISK             | 0.000  | 0.000  | 0.000  |
| 123    | 4,780,163.432 | 318,657.389 | 407.212 | 135-OP0490                 | 0.006  | -0.005 | -0.003 |
| 125    | 4,780,163.434 | 318,657.391 | 407.226 | 135-OP0490                 | 0.008  | -0.003 | 0.011  |
| 126    | 4,780,163.445 | 318,657.399 | 407.199 | 135-OP0490                 | 0.019  | 0.005  | -0.016 |
| 129    | 4,780,163.438 | 318,657.388 | 407.210 | 135-OP0490                 | 0.012  | -0.006 | -0.005 |
| 528    | 4,780,163.444 | 318,657.397 | 407.220 | 135-OP0490                 | 0.018  | 0.003  | 0.005  |
| 530    | 4,780,163.447 | 318,657.399 | 407.210 | 135-OP0490                 | 0.021  | 0.005  | -0.005 |
| 531    | 4,780,163.438 | 318,657.388 | 407.211 | 135-OP0490                 | 0.012  | -0.006 | -0.004 |
| 532    | 4,780,163.432 | 318,657.401 | 407.214 | 135-OP0490                 | 0.006  | 0.007  | -0.001 |
| 533    | 4,780,163.437 | 318,657.386 | 407.187 | 135-OP0490                 | 0.011  | -0.008 | -0.028 |
| -      | -             | -           | -       | -                          | -      | -      | -      |
| OP0152 | 4,796,865.790 | 354,626.504 | 387.789 | BENCHMARK DISK             | 0.000  | 0.000  | 0.000  |
| 127    | 4,796,865.774 | 354,626.491 | 387.763 | 135-OP0152                 | -0.016 | -0.013 | -0.026 |
| 536    | 4,796,865.790 | 354,626.495 | 387.782 | 135-OP0152                 | 0.000  | -0.009 | -0.007 |
| 541    | 4,796,865.791 | 354,626.498 | 387.788 | 135-OP0152                 | 0.001  | -0.006 | -0.001 |
| -      | -             | -           | -       | -                          | -      | -      | -      |
| OP0140 | 4,773,517.094 | 366,582.431 | 372.810 | BENCHMARK DISK             | 0.000  | 0.000  | 0.000  |
| 128    | 4,773,517.110 | 366,582.421 | 372.797 | 135-OP0140                 | 0.016  | -0.010 | -0.013 |
| 132    | 4,773,517.097 | 366,582.415 | 372.792 | 135-OP0140                 | 0.003  | -0.016 | -0.018 |
| 137    | 4,773,517.102 | 366,582.413 | 372.789 | 135-OP0140                 | 0.008  | -0.018 | -0.021 |
| 138    | 4,773,517.115 | 366,582.422 | 372.787 | 135-OP0140                 | 0.021  | -0.009 | -0.023 |
| 139    | 4,773,517.113 | 366,582.424 | 372.789 | 135-OP0140                 | 0.019  | -0.007 | -0.021 |
| 141    | 4,773,517.102 | 366,582.425 | 372.786 | 135-OP0140                 | 0.008  | -0.006 | -0.024 |
| 538    | 4,773,517.106 | 366,582.437 | 372.810 | 135-OP0140                 | 0.012  | 0.006  | 0.000  |
| 539    | 4,773,517.103 | 366,582.429 | 372.800 | 135-OP0140                 | 0.009  | -0.002 | -0.010 |
| -      | -             | -           | -       | -                          | -      | -      | -      |
| OP0160 | 4,808,694.331 | 348,005.430 | 439.837 | BENCHMARK DISK             | 0.000  | 0.000  | 0.000  |
| 131    | 4,808,694.339 | 348,005.438 | 439.808 | 135-OP0160                 | 0.008  | 0.008  | -0.029 |
| 535    | 4,808,694.351 | 348,005.436 | 439.824 | 135-OP0160                 | 0.020  | 0.006  | -0.013 |
| -      | -             | -           | -       | -                          | -      | -      | -      |
| OO0687 | 4,774,917.802 | 459,178.969 | 385.877 | SURVEY DISK                | 0.000  | 0.000  | 0.000  |
| 136    | 4,774,917.797 | 459,178.948 | 385.856 | 135-OO0687                 | -0.005 | -0.021 | -0.021 |
| 140    | 4,774,917.803 | 459,178.942 | 385.863 | 135-OO0687                 | 0.001  | -0.027 | -0.014 |
| -      | -             | -           | -       | -                          | -      | -      | -      |
| DP4617 | 4,645,954.837 | 551,133.409 | 285.571 | SURVEY DISK                | 0.000  | 0.000  | 0.000  |
| 143    | 4,645,954.833 | 551,133.391 | 285.561 | 135-DP4617                 | -0.004 | -0.018 | -0.010 |
| 543    | 4,645,954.848 | 551,133.390 | 285.563 | 135-DP4617                 | 0.011  | -0.019 | -0.008 |
| 721    | 4,645,954.834 | 551,133.382 | 285.552 | 135-DP4617                 | -0.003 | -0.027 | -0.019 |
| -      | -             | -           | -       | -                          | -      | -      | -      |
| DP4483 | 4,658,548.744 | 346,719.003 | 375.398 | SURVEY DISK                | 0.000  | 0.000  | 0.000  |
| 527    | 4,658,548.732 | 346,719.007 | 375.394 | 135-DP4483                 | -0.012 | 0.004  | -0.004 |
| -      | -             | -           | -       | -                          | -      | -      | -      |
| OP0559 | 4,800,591.342 | 274,351.380 | 442.886 | BENCHMARK DISK             | 0.000  | 0.000  | 0.000  |
| 529    | 4,800,591.335 | 274,351.380 | 442.870 | 135-OP0559                 | -0.007 | 0.000  | -0.016 |
| -      | -             | -           | -       | -                          | -      | -      | -      |
| AI5700 | 4,818,944.390 | 281,778.039 | 503.377 | SURVEY DISK                | 0.000  | 0.000  | 0.000  |
| 534    | 4,818,944.380 | 281,778.038 | 503.361 | 135-AI5700                 | -0.010 | -0.001 | -0.016 |
| -      | -             | -           | -       | -                          | -      | -      | -      |
| AC4898 | 4,816,938.202 | 412,039.137 | 339.076 | METAL ROD                  | 0.000  | 0.000  | 0.000  |
| 537    | 4,816,938.198 | 412,039.127 | 339.036 | 135-AC4898                 | -0.004 | -0.010 | -0.040 |
| 540    | 4,816,938.199 | 412,039.128 | 339.068 | 135-AC4898                 | -0.003 | -0.009 | -0.008 |
| -      | -             | -           | -       | -                          | -      | -      | -      |
| OO1164 | 4,777,564.233 | 472,663.042 | 364.140 | TRIANGULATION STATION DISK | 0.000  | 0.000  | 0.000  |
| 328    | 4,777,564.239 | 472,663.041 | 364.112 | 135-OO1164                 | 0.006  | -0.001 | -0.028 |
| 330    | 4,777,564.233 | 472,663.047 | 364.108 | 1355-001164                | 0.000  | 0.005  | -0.032 |
| 333    | 4,777,564.244 | 472,663.040 | 364.095 | 135-001164                 | 0.011  | -0.002 | -0.045 |

|        |               |             |         |                         |        |        |        |
|--------|---------------|-------------|---------|-------------------------|--------|--------|--------|
| 334    | 4,777,564.227 | 472,663.038 | 364.076 | 135-001164              | -0.006 | -0.004 | -0.064 |
| 336    | 4,777,564.244 | 472,663.046 | 364.097 | 135-001164              | 0.011  | 0.004  | -0.043 |
| 339    | 4,777,564.245 | 472,663.039 | 364.105 | 135-001164              | 0.012  | -0.003 | -0.035 |
| 724    | 4,777,564.233 | 472,663.033 | 364.079 | 135-001164              | 0.000  | -0.009 | -0.061 |
| 726    | 4,777,564.261 | 472,663.043 | 364.082 | 135-001164              | 0.028  | 0.001  | -0.058 |
| 727    | 4,777,564.231 | 472,663.041 | 364.087 | 135-001164              | -0.002 | -0.001 | -0.053 |
| 729    | 4,777,564.244 | 472,663.035 | 364.086 | 135-001164              | 0.011  | -0.007 | -0.054 |
| 733    | 4,777,564.242 | 472,663.035 | 364.088 | 135-001164              | 0.009  | -0.007 | -0.052 |
| 735    | 4,777,564.233 | 472,663.049 | 364.081 | 135-001164              | 0.000  | 0.007  | -0.059 |
| 736    | 4,777,564.241 | 472,663.041 | 364.067 | 135-001164              | 0.008  | -0.001 | -0.073 |
| 739    | 4,777,564.241 | 472,663.037 | 364.080 | 135-001164              | 0.008  | -0.005 | -0.060 |
| -      | -             | -           | -       | -                       | -      | -      | -      |
| OO0292 | 4,769,161.745 | 525,973.521 | 309.013 | BENCHMARK DISK          | 0.000  | 0.000  | 0.000  |
| 327    | 4,769,161.771 | 525,973.520 | 309.006 | 135-000292              | 0.026  | -0.001 | -0.007 |
| 329    | 4,769,161.775 | 525,973.511 | 308.994 | 135-000292              | 0.030  | -0.010 | -0.019 |
| 331    | 4,769,161.760 | 525,973.514 | 309.022 | 135-000292              | 0.015  | -0.007 | 0.009  |
| 335    | 4,769,161.785 | 525,973.530 | 308.976 | 135-000292              | 0.040  | 0.009  | -0.037 |
| -      | -             | -           | -       | -                       | -      | -      | -      |
| OO1635 | 4,816,481.570 | 540,484.921 | 389.933 | HORIZONTAL CONTROL DISK | 0.000  | 0.000  | 0.000  |
| 326    | 4,816,481.540 | 540,484.905 | 389.896 | 135-001635              | -0.030 | -0.016 | -0.037 |
| 738    | 4,816,481.578 | 540,484.924 | 389.880 | 135-NK001635            | 0.008  | 0.003  | -0.053 |
| -      | -             | -           | -       | -                       | -      | -      | -      |
| NK0164 | 4,730,930.745 | 538,040.251 | 285.504 | BENCHMARK DISK          | 0.000  | 0.000  | 0.000  |
| 332    | 4,730,930.751 | 538,040.259 | 285.486 | 135-NK0164              | 0.006  | 0.008  | -0.018 |
| -      | -             | -           | -       | -                       | -      | -      | -      |
| NK0036 | 4,699,132.377 | 547,645.148 | 265.639 | BENCHMARK DISK          | 0.000  | 0.000  | 0.000  |
| 323    | 4,699,132.388 | 547,645.154 | 265.596 | 135-NK0036              | 0.011  | 0.006  | -0.043 |
| -      | -             | -           | -       | -                       | -      | -      | -      |
| NK0427 | 4,703,628.905 | 449,244.993 | 372.625 | BENCHMARK DISK          | 0.000  | 0.000  | 0.000  |
| 337    | 4,703,628.900 | 449,244.998 | 372.618 | 135-NK0427              | -0.005 | 0.005  | -0.007 |
| 340    | 4,703,628.897 | 449,244.998 | 372.636 | 135-NK0427              | -0.008 | 0.005  | 0.011  |
| -      | -             | -           | -       | -                       | -      | -      | -      |
| NK0107 | 4,671,069.653 | 522,447.589 | 291.718 | BENCHMARK DISK          | 0.000  | 0.000  | 0.000  |
| 722    | 4,671,069.701 | 522,447.492 | 291.655 | 135-NK0107              | 0.048  | -0.097 | -0.063 |
| 731    | 4,671,069.671 | 522,447.507 | 291.693 | 135-NK0107              | 0.018  | -0.082 | -0.025 |
| -      | -             | -           | -       | -                       | -      | -      | -      |
| NK0151 | 4,735,343.829 | 507,184.502 | 313.267 | BENCHMARK DISK          | 0.000  | 0.000  | 0.000  |
| 728    | 4,735,343.788 | 507,184.513 | 313.249 | 135-NK0151              | -0.041 | 0.011  | -0.018 |
| 732    | 4,735,343.781 | 507,184.516 | 313.231 | 135-NK0151              | -0.048 | 0.014  | -0.036 |
| -      | -             | -           | -       | -                       | -      | -      | -      |
| NK0186 | 4,731,954.138 | 475,375.238 | 368.954 | BENCHMARK DISK          | 0.000  | 0.000  | 0.000  |
| 730    | 4,731,954.152 | 475,375.246 | 368.933 | 135-NK0186              | 0.014  | 0.008  | -0.021 |
| 734    | 4,731,954.117 | 475,375.237 | 368.929 | 135-NK0186              | -0.021 | -0.001 | -0.025 |
| -      | -             | -           | -       | -                       | -      | -      | -      |
| OO1472 | 4,816,368.612 | 470,190.502 | 386.925 | BENCHMARK DISK          | 0.000  | 0.000  | 0.000  |
| 725    | 4,816,368.598 | 470,190.525 | 386.890 | 135-001472              | -0.014 | 0.023  | -0.035 |
| -      | -             | -           | -       | -                       | -      | -      | -      |



# Attachment B

| Ground Control Point Observations and Checks |               |             |           |                         |                      |        |        |
|--|---------------|-------------|-----------|-------------------------|----------------------|--------|--------|
| Point #                                      | Northing      | Easting     | Elevation | Description             | Residuals vs Control |        |        |
|  |               |             |           |                         | ΔN                   | ΔE     | ΔElev  |
| GCP128                                       | 4,695,425.694 | 425,598.993 | 337.997   |                         |                      |        |        |
| GCP128A                                      | 4,695,425.695 | 425,598.994 | 337.988   | 112-SE COR STRIP-NAILE  | 0.001                | 0.002  | -0.009 |
| GCP128B                                      | 4,695,425.693 | 425,598.991 | 338.006   | 112-GCP128AC            | -0.001               | -0.002 | 0.009  |
|  |               |             |           | -                       |                      |        |        |
| GCP129                                       | 4,698,281.162 | 433,581.413 | 315.016   |                         |                      |        |        |
| GCP129A                                      | 4,698,281.169 | 433,581.415 | 315.006   | 112-APEX STOP BAR       | 0.007                | 0.003  | -0.010 |
| GCP129B                                      | 4,698,281.155 | 433,581.410 | 315.025   | 112-GCP129AC            | -0.007               | -0.003 | 0.010  |
|  |               |             |           |                         |                      |        |        |
| GCP143                                       | 4,681,327.751 | 440,794.082 | 339.543   |                         |                      |        |        |
| GCP143A                                      | 4,681,327.728 | 440,794.086 | 339.549   | 112-NE COR STRIPE       | -0.023               | 0.004  | 0.006  |
| GCP143B                                      | 4,681,327.776 | 440,794.074 | 339.505   | 112-GCP143AC            | 0.025                | -0.008 | -0.038 |
| GCP143D                                      | 4,681,327.749 | 440,794.085 | 339.574   | 112-CHECK               | -0.002               | 0.003  | 0.031  |
|  |               |             |           |                         |                      |        |        |
| GCP178                                       | 4,656,772.716 | 427,252.926 | 345.256   |                         |                      |        |        |
| GCP178A                                      | 4,656,772.715 | 427,252.924 | 345.249   | 112-COR ARROW           | -0.001               | -0.002 | -0.006 |
| GCP178B                                      | 4,656,772.716 | 427,252.928 | 345.262   | 112-GCP178AC            | 0.001                | 0.002  | 0.007  |
|  |               |             |           |                         |                      |        |        |
| GCP182                                       | 4,653,857.771 | 450,412.977 | 272.025   |                         |                      |        |        |
| GCP182A                                      | 4,653,857.763 | 450,412.977 | 272.023   | 112-INSIDE COR STRIPING | -0.008               | 0.000  | -0.002 |
| GCP182B                                      | 4,653,857.779 | 450,412.977 | 272.027   | 112-GCP182AC            | 0.008                | 0.000  | 0.002  |
|  |               |             |           |                         |                      |        |        |
| GCP200                                       | 4,638,693.063 | 474,483.694 | 305.152   |                         |                      |        |        |
| GCP200A                                      | 4,638,693.065 | 474,483.697 | 305.140   | 112-COR WALK            | 0.002                | 0.003  | -0.012 |
| GCP200B                                      | 4,638,693.050 | 474,483.689 | 305.174   | 112-GCP200AC            | -0.013               | -0.005 | 0.022  |
| GCP200C                                      | 4,638,693.075 | 474,483.697 | 305.143   | 112-CHECK               | 0.012                | 0.003  | -0.009 |
|  |               |             |           |                         |                      |        |        |
| GCP 201                                      | 4,637,508.689 | 466,930.713 | 268.540   |                         |                      |        |        |
| GCP201A                                      | 4,637,508.687 | 466,930.713 | 268.520   | 112-MAGNAIL COR WALK    | -0.002               | 0.000  | -0.020 |
| GCP201B                                      | 4,637,508.683 | 466,930.710 | 268.595   | 112-GCP201AC            | -0.006               | -0.003 | 0.055  |
| GCP201C                                      | 4,637,508.696 | 466,930.717 | 268.506   | 112-CHECK               | 0.007                | 0.004  | -0.034 |
|  |               |             |           |                         |                      |        |        |
| GCP202                                       | 4,613,895.094 | 479,633.897 | 251.217   |                         |                      |        |        |
| GCP202A                                      | 4,613,895.096 | 479,633.889 | 251.202   | 112-COR ARROW           | 0.002                | -0.008 | -0.015 |
| GCP202B                                      | 4,613,895.092 | 479,633.905 | 251.232   | 112-GCP202AC            | -0.002               | 0.008  | 0.015  |
|  |               |             |           |                         |                      |        |        |
| GCP 203                                      | 4,596,038.319 | 491,869.008 | 276.737   |                         |                      |        |        |
| GCP203A                                      | 4,596,038.320 | 491,869.008 | 276.728   | 112-NE COR STRIPE       | 0.002                | 0.000  | -0.008 |
| GCP203B                                      | 4,596,038.317 | 491,869.008 | 276.745   | 112-GCP203ACK           | -0.002               | 0.000  | 0.009  |
|  |               |             |           |                         |                      |        |        |
| GCP 204                                      | 4,604,830.818 | 480,628.941 | 280.321   |                         |                      |        |        |
| GCP204A                                      | 4,604,830.824 | 480,628.939 | 280.327   | 112-E TIP ARROW         | 0.007                | -0.002 | 0.006  |
| GCP204B                                      | 4,604,830.811 | 480,628.943 | 280.314   | 112-GCP204AC            | -0.007               | 0.002  | -0.007 |
|  |               |             |           |                         |                      |        |        |
| GCP 205                                      | 4,595,564.259 | 470,181.637 | 245.602   |                         |                      |        |        |
| GCP205A                                      | 4,595,564.254 | 470,181.645 | 245.606   | 112-COR WALK            | -0.005               | 0.008  | 0.004  |
| GCP205B                                      | 4,595,564.264 | 470,181.628 | 245.598   | 112-GCP205ACK           | 0.005                | -0.008 | -0.004 |
|  |               |             |           |                         |                      |        |        |
| GCP 206                                      | 4,610,871.169 | 462,351.434 | 285.550   |                         |                      |        |        |
| GCP206A                                      | 4,610,871.166 | 462,351.438 | 285.546   | 112-COR STRIPE          | -0.003               | 0.004  | -0.003 |
| GCP206B                                      | 4,610,871.172 | 462,351.430 | 285.553   | 112-GCP206ACK           | 0.003                | -0.004 | 0.004  |
|  |               |             |           |                         |                      |        |        |
| GCP 207                                      | 4,620,310.696 | 449,666.679 | 299.540   |                         |                      |        |        |
| GCP207A                                      | 4,620,310.694 | 449,666.685 | 299.535   | 112-COR STRIPING        | -0.002               | 0.006  | -0.005 |
| GCP207B                                      | 4,620,310.698 | 449,666.673 | 299.545   | 112-GCP207ACK           | 0.002                | -0.006 | 0.005  |
|  |               |             |           |                         |                      |        |        |
| GCP209                                       | 4,612,979.580 | 435,654.528 | 290.838   |                         |                      |        |        |
| GCP209A                                      | 4,612,979.580 | 435,654.535 | 290.827   | 112-COR STRIPING        | 0.001                | 0.007  | -0.011 |
| GCP209B                                      | 4,612,979.579 | 435,654.521 | 290.849   | 112-GCP209ACK           | -0.001               | -0.007 | 0.011  |

Prepared by: A. Oller 12/19/12

Checked by: D. Forgy 12/19/12

|         |               |             |         |                         |        |        |        |   |
|---------|---------------|-------------|---------|-------------------------|--------|--------|--------|---|
| -       | -             | -           | -       | -                       | -      | -      | -      | - |
| GCP212  | 4,636,468.074 | 443,632.490 | 316.212 |                         |        |        |        |   |
| GCP212A | 4,636,468.073 | 443,632.490 | 316.219 | 112-COR WALK            | -0.001 | 0.000  | 0.007  |   |
| GCP212B | 4,636,468.075 | 443,632.489 | 316.205 | 112-GCP212AC            | 0.001  | -0.001 | -0.007 |   |
| -       | -             | -           | -       | -                       |        |        |        |   |
| GCP213  | 4,623,403.465 | 431,475.019 | 272.613 |                         |        |        |        |   |
| GCP213A | 4,623,403.490 | 431,475.030 | 272.616 | 112-SE COR MATT ON CONC | 0.025  | 0.011  | 0.003  |   |
| GCP213B | 4,623,403.450 | 431,475.013 | 272.606 | 112-GCP213ACK           | -0.015 | -0.006 | -0.007 |   |
| GCP213C | 4,623,403.454 | 431,475.015 | 272.616 | 112-CHECK               | -0.011 | -0.004 | 0.003  |   |
| -       | -             | -           | -       | -                       |        |        |        |   |
| GCP227  | 4,623,505.348 | 469,524.770 | 258.666 |                         |        |        |        |   |
| GCP227A | 4,623,505.334 | 469,524.770 | 258.666 | 112-STRIPE AT JOINT     | -0.014 | 0.000  | 0.000  |   |
| GCP227B | 4,623,505.362 | 469,524.770 | 258.666 | 112-GCP227AC            | 0.014  | 0.000  | 0.000  |   |
| -       | -             | -           | -       | -                       |        |        |        |   |
| GCP95   | 4,673,487.390 | 423,105.665 | 341.593 |                         |        |        |        |   |
| GCP95A  | 4,673,487.391 | 423,105.663 | 341.583 | 112-NE COR STRIPE       | 0.002  | -0.002 | -0.010 |   |
| GCP95B  | 4,673,487.388 | 423,105.667 | 341.603 | 112-GCP95AC             | -0.001 | 0.002  | 0.010  |   |
| -       | -             | -           | -       | -                       |        |        |        |   |
| GCP96   | 4,673,314.217 | 434,342.810 | 313.811 |                         |        |        |        |   |
| GCP96A  | 4,673,314.210 | 434,342.809 | 313.794 | 112-NE COR STRIPE       | -0.007 | -0.001 | -0.017 |   |
| GCP96B  | 4,673,314.238 | 434,342.808 | 313.827 | 112-GCP96AC             | 0.021  | -0.002 | 0.016  |   |
| GCP96C  | 4,673,314.203 | 434,342.812 | 313.812 | 112-CHECK               | -0.014 | 0.002  | 0.001  |   |
| -       | -             | -           | -       | -                       |        |        |        |   |
| GCP97   | 4,673,186.815 | 448,806.906 | 315.529 |                         |        |        |        |   |
| GCP97A  | 4,673,186.812 | 448,806.909 | 315.533 | 112-NW COR STRIPE       | -0.003 | 0.003  | 0.004  |   |
| GCP97B  | 4,673,186.818 | 448,806.903 | 315.525 | 112-GCP97AC             | 0.003  | -0.003 | -0.004 |   |
| -       | -             | -           | -       | -                       |        |        |        |   |
| GCP01   | 4,634,123.424 | 423,155.312 | 323.056 |                         |        |        |        |   |
| GCP01A  | 4,634,123.417 | 423,155.323 | 323.064 | 112-COR_STRIPING        | -0.006 | 0.011  | 0.008  |   |
| GCP01B  | 4,634,123.430 | 423,155.301 | 323.048 | 112-GCP01ACK            | 0.007  | -0.011 | -0.008 |   |
| -       | -             | -           | -       | -                       |        |        |        |   |
| GCP02   | 4,646,311.775 | 421,246.958 | 323.652 |                         |        |        |        |   |
| GCP02A  | 4,646,311.775 | 421,246.956 | 323.653 | 112-INSIDE COR STOP BAR | 0.001  | -0.002 | 0.001  |   |
| GCP02B  | 4,646,311.774 | 421,246.960 | 323.651 | 112-GCP02ACK            | -0.001 | 0.002  | -0.001 |   |
| -       | -             | -           | -       | -                       |        |        |        |   |
| GCP139  | 4,684,661.605 | 452,267.244 | 329.727 |                         |        |        |        |   |
| GCP139A | 4,684,661.614 | 452,267.242 | 329.736 | 112-SE COR BIT PATCH    | 0.009  | -0.002 | 0.010  |   |
| GCP139B | 4,684,661.596 | 452,267.246 | 329.717 | 112-GCP139ACK           | -0.009 | 0.002  | -0.010 |   |
| -       | -             | -           | -       | -                       |        |        |        |   |
| GCP177  | 4,632,377.672 | 408,193.361 | 293.362 |                         |        |        |        |   |
| GCP177A | 4,632,377.669 | 408,193.365 | 293.353 | 112-COR STRIPPING       | -0.003 | 0.004  | -0.008 |   |
| GCP177B | 4,632,377.675 | 408,193.356 | 293.370 | 112-GCP177ACK           | 0.003  | -0.004 | 0.009  |   |
| -       | -             | -           | -       | -                       |        |        |        |   |
| GCP208  | 4,604,711.330 | 443,637.750 | 297.182 |                         |        |        |        |   |
| GCP208A | 4,604,711.332 | 443,637.755 | 297.180 | 112-COR STRIPPING       | 0.002  | 0.005  | -0.002 |   |
| GCP208B | 4,604,711.328 | 443,637.744 | 297.184 | 112-GCP208ACK           | -0.002 | -0.006 | 0.002  |   |
| -       | -             | -           | -       | -                       |        |        |        |   |
| GCP210  | 4,607,088.911 | 426,203.294 | 314.784 |                         |        |        |        |   |
| GCP210A | 4,607,088.913 | 426,203.293 | 314.776 | 112-COR BAR             | 0.002  | -0.001 | -0.008 |   |
| GCP210B | 4,607,088.909 | 426,203.295 | 314.792 | 112-GCP210ACK           | -0.002 | 0.001  | 0.008  |   |
| -       | -             | -           | -       | -                       |        |        |        |   |
| GCP211  | 4,602,012.280 | 456,014.845 | 238.835 |                         |        |        |        |   |
| GCP211A | 4,602,012.279 | 456,014.849 | 238.823 | 112-COR STRIPPING       | -0.001 | 0.004  | -0.011 |   |
| GCP211B | 4,602,012.280 | 456,014.841 | 238.846 | 112-GCP211ACK           | 0.001  | -0.004 | 0.012  |   |
| -       | -             | -           | -       | -                       |        |        |        |   |
| GCP214  | 4,607,010.858 | 415,305.518 | 274.398 |                         |        |        |        |   |
| GCP214A | 4,607,010.848 | 415,305.520 | 274.402 | 112-COR ARROW           | -0.009 | 0.003  | 0.005  |   |
| GCP214B | 4,607,010.867 | 415,305.515 | 274.393 | 112-GCP214ACK           | 0.009  | -0.003 | -0.005 |   |
| -       | -             | -           | -       | -                       |        |        |        |   |
| GCP225  | 4,596,917.983 | 410,179.794 | 330.802 |                         |        |        |        |   |
| GCP225A | 4,596,917.965 | 410,179.797 | 330.778 | 112-APEX STOP BAR       | -0.018 | 0.003  | -0.024 |   |

|         |               |             |         |                   |        |        |        |
|---------|---------------|-------------|---------|-------------------|--------|--------|--------|
| GCP225B | 4,596,917.987 | 410,179.789 | 330.818 | 112-GCP225ACK     | 0.004  | -0.005 | 0.016  |
| GCP225C | 4,596,917.996 | 410,179.795 | 330.809 | 112-CHECK         | 0.013  | 0.001  | 0.007  |
| -       | -             | -           | -       | -                 |        |        |        |
| GCP11   | 4,630,527.680 | 487,346.039 | 306.317 |                   |        |        |        |
| GCP11A  | 4,630,527.685 | 487,346.041 | 306.314 | 112-PRK STRPE     | 0.005  | 0.003  | -0.002 |
| GCP11B  | 4,630,527.675 | 487,346.036 | 306.319 | 112-PRK STRPEE    | -0.005 | -0.003 | 0.002  |
| -       | -             | -           | -       | -                 |        |        |        |
| GCP12   | 4,600,414.784 | 504,855.416 | 271.372 |                   |        |        |        |
| GCP12A  | 4,600,414.782 | 504,855.415 | 271.388 | 112-CNTR STRIPE   | -0.002 | -0.001 | 0.016  |
| GCP12B  | 4,600,414.786 | 504,855.417 | 271.356 | 112-CNTR STRIPE   | 0.002  | 0.001  | -0.016 |
| -       | -             | -           | -       | -                 |        |        |        |
| GCP146  | 4,708,493.873 | 478,345.321 | 335.422 |                   |        |        |        |
| GCP146A | 4,708,493.875 | 478,345.332 | 335.421 | 112-NW STRIPE     | 0.002  | 0.011  | -0.001 |
| GCP146C | 4,708,493.871 | 478,345.310 | 335.423 | 112-NW STRIPE     | -0.002 | -0.011 | 0.001  |
| -       | -             | -           | -       | -                 |        |        |        |
| GCP147  | 4,685,124.468 | 464,215.032 | 361.590 |                   |        |        |        |
| GCP147A | 4,685,124.469 | 464,215.012 | 361.605 | 112-STP BAR       | 0.001  | -0.020 | 0.015  |
| GCP147B | 4,685,124.460 | 464,215.045 | 361.565 | 112-STP BAR       | -0.008 | 0.013  | -0.025 |
| GCP147C | 4,685,124.476 | 464,215.039 | 361.600 | 112-CHECK         | 0.008  | 0.007  | 0.010  |
| -       | -             | -           | -       | -                 |        |        |        |
| GCP183  | 4,651,478.051 | 463,797.401 | 305.666 |                   |        |        |        |
| GCP183A | 4,651,478.049 | 463,797.404 | 305.663 | 112-YELLOW STRIPE | -0.002 | 0.003  | -0.002 |
| GCP183B | 4,651,478.053 | 463,797.398 | 305.668 | 112-YELLOW STRIPE | 0.002  | -0.003 | 0.002  |
| -       | -             | -           | -       | -                 |        |        |        |
| GCP192  | 4,636,146.012 | 522,343.570 | 306.207 |                   |        |        |        |
| GCP192A | 4,636,146.009 | 522,343.562 | 306.205 | 112-SE STOP BAR   | -0.003 | -0.008 | -0.002 |
| GCP192B | 4,636,146.014 | 522,343.578 | 306.209 | 112-SE STOP BAR   | 0.003  | 0.008  | 0.002  |
| -       | -             | -           | -       | -                 |        |        |        |
| GCP193  | 4,616,475.260 | 495,532.425 | 291.414 |                   |        |        |        |
| GCP193A | 4,616,475.256 | 495,532.419 | 291.420 | 112-PRK STRIPE    | -0.004 | -0.006 | 0.006  |
| GCP193B | 4,616,475.264 | 495,532.431 | 291.408 | 112-PRK STRPEE    | 0.004  | 0.006  | -0.006 |
| -       | -             | -           | -       | -                 |        |        |        |
| GCP194  | 4,629,763.311 | 508,069.860 | 312.398 |                   |        |        |        |
| GCP194A | 4,629,763.306 | 508,069.842 | 312.417 | 112-STP BAR       | -0.005 | -0.018 | 0.019  |
| GCP194B | 4,629,763.315 | 508,069.876 | 312.386 | 112-STP BAR       | 0.004  | 0.016  | -0.012 |
| GCP194C | 4,629,763.311 | 508,069.861 | 312.392 | 112-CHECK         | 0.000  | 0.001  | -0.006 |
| -       | -             | -           | -       | -                 |        |        |        |
| GCP195  | 4,616,203.725 | 517,030.384 | 299.948 |                   |        |        |        |
| GCP195A | 4,616,203.721 | 517,030.393 | 299.946 | 112-STP BAR       | -0.004 | 0.009  | -0.001 |
| GCP195B | 4,616,203.729 | 517,030.374 | 299.949 | 112- STP BAR      | 0.004  | -0.009 | 0.002  |
| -       | -             | -           | -       | -                 |        |        |        |
| GCP196  | 4,596,037.751 | 519,102.287 | 272.970 |                   |        |        |        |
| GCP196A | 4,596,037.748 | 519,102.300 | 272.951 | 112-NW CRNR       | -0.003 | 0.013  | -0.019 |
| GCP196B | 4,596,037.749 | 519,102.280 | 272.993 | 112-NE CRNR       | -0.002 | -0.007 | 0.023  |
| GCP196C | 4,596,037.757 | 519,102.281 | 272.966 | 112-GCP196CK      | 0.006  | -0.006 | -0.004 |
| -       | -             | -           | -       | -                 |        |        |        |
| GCP197  | 4,603,421.016 | 513,032.223 | 277.896 |                   |        |        |        |
| GCP197A | 4,603,421.015 | 513,032.214 | 277.915 | 112-POINT         | -0.001 | -0.009 | 0.020  |
| GCP197B | 4,603,421.017 | 513,032.232 | 277.876 | 112-POINT         | 0.001  | 0.009  | -0.019 |
| -       | -             | -           | -       | -                 |        |        |        |
| GCP198  | 4,642,545.538 | 511,168.608 | 293.437 |                   |        |        |        |
| GCP198A | 4,642,545.527 | 511,168.607 | 293.417 | 112-STP BAR POINT | -0.011 | -0.001 | -0.020 |
| GCP198B | 4,642,545.532 | 511,168.599 | 293.459 | 112-STP BAR POINT | -0.006 | -0.009 | 0.022  |
| GCP198C | 4,642,545.555 | 511,168.619 | 293.434 | 112-CHECK         | 0.017  | 0.011  | -0.003 |
| -       | -             | -           | -       | -                 |        |        |        |
| GCP199  | 4,650,713.615 | 496,741.316 | 318.506 |                   |        |        |        |
| GCP199A | 4,650,713.611 | 496,741.312 | 318.488 | 112-NW CORNER     | -0.004 | -0.004 | -0.018 |
| GCP199B | 4,650,713.602 | 496,741.320 | 318.521 | 112-NW CORNER     | -0.013 | 0.004  | 0.015  |
| GCP199C | 4,650,713.632 | 496,741.315 | 318.510 | 112-CHECK         | 0.017  | -0.001 | 0.004  |
| -       | -             | -           | -       | -                 |        |        |        |
| GCP98   | 4,673,024.848 | 474,436.312 | 343.514 |                   |        |        |        |

|         |               |             |         |               |        |        |        |
|---------|---------------|-------------|---------|---------------|--------|--------|--------|
| GCP98A  | 4,673,024.853 | 474,436.311 | 343.526 | 112-NW CORNER | 0.005  | -0.001 | 0.012  |
| GCP98B  | 4,673,024.843 | 474,436.313 | 343.502 | 112-NW CORNER | -0.005 | 0.001  | -0.012 |
| -       | -             | -           | -       | -             |        |        |        |
| GCP99   | 4,672,985.600 | 483,837.653 | 312.459 |               |        |        |        |
| GCP99A  | 4,672,985.607 | 483,837.653 | 312.439 | 112-SW CORNR  | 0.007  | 0.000  | -0.020 |
| GCP99B  | 4,672,985.586 | 483,837.643 | 312.480 | 112-SW CRNR   | -0.014 | -0.010 | 0.021  |
| GCP99C  | 4,672,985.608 | 483,837.663 | 312.457 | 112-CHECK     | 0.008  | 0.010  | -0.002 |
| -       | -             | -           | -       | -             |        |        |        |
| GCP142  | 4,703,214.835 | 447,416.193 | 374.306 |               |        |        |        |
| GCP142A | 4,703,214.832 | 447,416.190 | 374.314 | 112-SW CRNR   | -0.003 | -0.003 | 0.008  |
| GCP142B | 4,703,214.844 | 447,416.202 | 374.311 | 112-SW CRNR   | 0.009  | 0.009  | 0.005  |
| GCP142C | 4,703,214.828 | 447,416.187 | 374.294 | 112-CRNR      | -0.007 | -0.006 | -0.012 |
| -       | -             | -           | -       | -             |        |        |        |
| GCP144  | 4,703,961.747 | 455,686.312 | 366.113 |               |        |        |        |
| GCP144A | 4,703,961.741 | 455,686.305 | 366.122 | 112-CRNR      | -0.006 | -0.007 | 0.010  |
| GCP144B | 4,703,961.753 | 455,686.319 | 366.103 | 112-GCP144CK  | 0.006  | 0.007  | -0.010 |
| -       | -             | -           | -       | -             |        |        |        |
| GCP176  | 4,632,220.549 | 391,281.488 | 319.072 |               |        |        |        |
| GCP176A | 4,632,220.548 | 391,281.492 | 319.076 | 112-STP BAR   | -0.001 | 0.004  | 0.004  |
| GCP176B | 4,632,220.550 | 391,281.483 | 319.068 | 112-STP BAR   | 0.001  | -0.005 | -0.004 |
| -       | -             | -           | -       | -             |        |        |        |
| GCP180  | 4,643,323.062 | 400,475.695 | 326.671 |               |        |        |        |
| GCP180A | 4,643,323.060 | 400,475.681 | 326.680 | 112-SSE CRNR  | -0.002 | -0.014 | 0.010  |
| GCP180B | 4,643,323.063 | 400,475.709 | 326.661 | 112-SSE CRNR  | 0.002  | 0.014  | -0.010 |
| -       | -             | -           | -       | -             |        |        |        |
| GCP181  | 4,654,849.936 | 414,598.113 | 332.902 |               |        |        |        |
| GCP181A | 4,654,849.927 | 414,598.107 | 332.887 | 112-STP BAR   | -0.008 | -0.006 | -0.015 |
| GCP181B | 4,654,849.944 | 414,598.119 | 332.917 | 112-STP BAR   | 0.009  | 0.006  | 0.015  |
| -       | -             | -           | -       | -             |        |        |        |
| GCP184  | 4,651,638.032 | 486,324.557 | 325.996 |               |        |        |        |
| GCP184A | 4,651,638.017 | 486,324.557 | 326.001 | 112-RR "X"    | -0.015 | 0.000  | 0.005  |
| GCP184B | 4,651,638.047 | 486,324.557 | 325.991 | 112-RR"X"     | 0.015  | 0.000  | -0.005 |
| -       | -             | -           | -       | -             |        |        |        |
| GCP219  | 4,616,439.953 | 386,435.260 | 330.349 |               |        |        |        |
| GCP219A | 4,616,439.959 | 386,435.255 | 330.340 | NE CRNR       | 0.006  | -0.005 | -0.009 |
| GCP219C | 4,616,439.947 | 386,435.265 | 330.358 | 112-CHECK     | -0.006 | 0.005  | 0.009  |
| -       | -             | -           | -       | -             |        |        |        |
| GCP223  | 4,626,009.842 | 380,703.176 | 356.628 |               |        |        |        |
| GCP223A | 4,626,009.839 | 380,703.177 | 356.643 | 112-NW STRPE  | -0.002 | 0.002  | 0.015  |
| GCP223B | 4,626,009.844 | 380,703.174 | 356.613 | 112-NW STRPE  | 0.003  | -0.002 | -0.015 |
| -       | -             | -           | -       | -             |        |        |        |
| GCP224  | 4,625,674.635 | 398,439.485 | 321.016 |               |        |        |        |
| GCP224A | 4,625,674.632 | 398,439.492 | 321.028 | 112-NE CRNR   | -0.003 | 0.007  | 0.012  |
| GCP224B | 4,625,674.648 | 398,439.481 | 320.989 | 112-NE CRNR   | 0.013  | -0.004 | -0.027 |
| GCP224C | 4,625,674.625 | 398,439.483 | 321.030 | 112-CHECK     | -0.010 | -0.002 | 0.014  |
| -       | -             | -           | -       | -             |        |        |        |
| GCP226  | 4,615,807.928 | 404,790.898 | 301.516 |               |        |        |        |
| GCP226A | 4,615,807.921 | 404,790.896 | 301.499 | 112-NE CRNR   | -0.007 | -0.002 | -0.017 |
| GCP226B | 4,615,807.921 | 404,790.900 | 301.536 | 112-NE CRNR   | -0.007 | 0.002  | 0.020  |
| GCP226C | 4,615,807.943 | 404,790.898 | 301.513 | 112-CHECK     | 0.015  | 0.000  | -0.003 |
| -       | -             | -           | -       | -             |        |        |        |
| GCP247  | 4,668,405.110 | 458,678.351 | 311.170 |               |        |        |        |
| GCP247A | 4,668,405.131 | 458,678.335 | 311.174 | 112-STRIPE    | 0.021  | -0.016 | 0.004  |
| GCP247B | 4,668,405.102 | 458,678.369 | 311.151 | 112-STRIPE    | -0.008 | 0.018  | -0.019 |
| GCP247C | 4,668,405.098 | 458,678.350 | 311.184 | 112-CHECK     | -0.012 | -0.001 | 0.014  |
| -       | -             | -           | -       | -             |        |        |        |
| GCP179  | 4,643,587.869 | 382,519.218 | 341.511 |               |        |        |        |
| GCP179A | 4,643,587.872 | 382,519.220 | 341.523 | 112-STRIPE    | 0.003  | 0.002  | 0.012  |
| GCP179B | 4,643,587.867 | 382,519.224 | 341.481 | 112-STRIPE    | -0.002 | 0.006  | -0.030 |
| GCP179C | 4,643,587.868 | 382,519.211 | 341.528 | 112-CHECK     | -0.001 | -0.007 | 0.017  |
| -       | -             | -           | -       | -             |        |        |        |

|         |               |             |         |              |        |        |        |  |
|---------|---------------|-------------|---------|--------------|--------|--------|--------|--|
| GCP03   | 4,719,812.241 | 470,469.967 | 361.544 |              |        |        |        |  |
| GCP03A  | 4,719,812.236 | 470,469.971 | 361.534 | 112-GCP03    | -0.005 | 0.004  | -0.010 |  |
| GCP03B  | 4,719,812.246 | 470,469.963 | 361.554 | 112-GCP03CK  | 0.005  | -0.004 | 0.010  |  |
| -       | -             | -           | -       | -            |        |        |        |  |
| GCP04   | 4,739,391.029 | 460,902.623 | 383.659 |              |        |        |        |  |
| GCP04A  | 4,739,391.030 | 460,902.630 | 383.666 | 112-GCP04    | 0.002  | 0.007  | 0.007  |  |
| GCP04B  | 4,739,391.027 | 460,902.616 | 383.651 | 112-GCP04CK  | -0.002 | -0.007 | -0.007 |  |
| -       | -             | -           | -       | -            |        |        |        |  |
| GCP07   | 4,662,583.993 | 386,059.942 | 327.670 |              |        |        |        |  |
| GCP07A  | 4,662,583.998 | 386,059.952 | 327.675 | 112-GCP07    | 0.005  | 0.011  | 0.005  |  |
| GCP07B  | 4,662,583.988 | 386,059.931 | 327.665 | 112-GCP07CK  | -0.005 | -0.010 | -0.005 |  |
| -       | -             | -           | -       | -            |        |        |        |  |
| GCP104  | 4,695,489.188 | 357,785.590 | 375.341 |              |        |        |        |  |
| GCP104A | 4,695,489.186 | 357,785.597 | 375.327 | 112-GCP104   | -0.002 | 0.008  | -0.014 |  |
| GCP104B | 4,695,489.190 | 357,785.582 | 375.354 | 112-GCP104CK | 0.002  | -0.008 | 0.013  |  |
| -       | -             | -           | -       | -            |        |        |        |  |
| GCP109  | 4,709,687.516 | 373,984.145 | 379.448 |              |        |        |        |  |
| GCP109A | 4,709,687.516 | 373,984.155 | 379.446 | 112-GCP109   | 0.000  | 0.010  | -0.001 |  |
| GCP109B | 4,709,687.516 | 373,984.134 | 379.449 | 112-GCP109CK | 0.000  | -0.011 | 0.002  |  |
| -       | -             | -           | -       | -            |        |        |        |  |
| GCP111  | 4,716,575.481 | 357,483.675 | 383.943 |              |        |        |        |  |
| GCP111A | 4,716,575.473 | 357,483.688 | 383.923 | 112-GCP111   | -0.008 | 0.013  | -0.020 |  |
| GCP111B | 4,716,575.475 | 357,483.668 | 383.957 | 112-GCP111CK | -0.006 | -0.007 | 0.014  |  |
| GCP111C | 4,716,575.496 | 357,483.669 | 383.950 | 112-GCP111CK | 0.015  | -0.006 | 0.007  |  |
| -       | -             | -           | -       | -            |        |        |        |  |
| GCP115  | 4,706,384.889 | 402,550.293 | 333.150 |              |        |        |        |  |
| GCP115A | 4,706,384.883 | 402,550.302 | 333.138 | 112-GCP115   | -0.005 | 0.009  | -0.012 |  |
| GCP115B | 4,706,384.894 | 402,550.284 | 333.162 | 112-GCP115CK | 0.005  | -0.009 | 0.012  |  |
| -       | -             | -           | -       | -            |        |        |        |  |
| GCP116  | 4,702,832.778 | 407,198.245 | 340.958 |              |        |        |        |  |
| GCP116A | 4,702,832.768 | 407,198.250 | 341.012 | 112-GCP116   | -0.010 | 0.005  | 0.054  |  |
| GCP116B | 4,702,832.775 | 407,198.243 | 340.937 | 112-GCP116CK | -0.003 | -0.002 | -0.021 |  |
| GCP116C | 4,702,832.790 | 407,198.241 | 340.926 | 112-GCP116CK | 0.012  | -0.004 | -0.032 |  |
| -       | -             | -           | -       | -            |        |        |        |  |
| GCP117  | 4,688,656.360 | 372,078.881 | 353.888 |              |        |        |        |  |
| GCP117A | 4,688,656.365 | 372,078.895 | 353.898 | 112-GCP117   | 0.005  | 0.015  | 0.010  |  |
| GCP117B | 4,688,656.355 | 372,078.866 | 353.878 | 112-GCP117CK | -0.005 | -0.014 | -0.010 |  |
| -       | -             | -           | -       | -            |        |        |        |  |
| GCP118  | 4,690,753.788 | 393,352.797 | 350.585 |              |        |        |        |  |
| GCP118A | 4,690,753.783 | 393,352.797 | 350.603 | 112-GCP118   | -0.004 | 0.001  | 0.018  |  |
| GCP118B | 4,690,753.792 | 393,352.796 | 350.567 | 112-GCP118CK | 0.005  | -0.001 | -0.018 |  |
| -       | -             | -           | -       | -            |        |        |        |  |
| GCP119  | 4,715,963.098 | 384,936.288 | 362.165 |              |        |        |        |  |
| GCP119A | 4,715,963.090 | 384,936.290 | 362.161 | 112-GCP119   | -0.008 | 0.003  | -0.003 |  |
| GCP119B | 4,715,963.105 | 384,936.285 | 362.168 | 112-GCP119CK | 0.008  | -0.003 | 0.004  |  |
| -       | -             | -           | -       | -            |        |        |        |  |
| GCP120  | 4,702,578.054 | 418,566.890 | 337.905 |              |        |        |        |  |
| GCP120A | 4,702,578.057 | 418,566.882 | 337.894 | 112-GCP120   | 0.003  | -0.008 | -0.011 |  |
| GCP120B | 4,702,578.050 | 418,566.902 | 337.929 | 112-GCP120CK | -0.004 | 0.012  | 0.024  |  |
| GCP120C | 4,702,578.055 | 418,566.887 | 337.891 | 112-GCP120CK | 0.001  | -0.003 | -0.014 |  |
| -       | -             | -           | -       | -            |        |        |        |  |
| GCP121  | 4,726,715.424 | 414,006.359 | 348.168 |              |        |        |        |  |
| GCP121A | 4,726,715.447 | 414,006.367 | 348.100 | 112-GCP121   | 0.023  | 0.008  | -0.068 |  |
| GCP121B | 4,726,715.412 | 414,006.351 | 348.215 | 112-GCP121CK | -0.012 | -0.008 | 0.047  |  |
| GCP121C | 4,726,715.412 | 414,006.359 | 348.190 | 112-GCP121CK | -0.012 | 0.000  | 0.022  |  |
| -       | -             | -           | -       | -            |        |        |        |  |
| GCP122  | 4,723,915.763 | 425,861.162 | 339.873 |              |        |        |        |  |
| GCP122A | 4,723,915.766 | 425,861.156 | 339.867 | 112-GCP122   | 0.003  | -0.006 | -0.005 |  |
| GCP122B | 4,723,915.760 | 425,861.167 | 339.878 | 112-GCP122CK | -0.003 | 0.005  | 0.005  |  |
| -       | -             | -           | -       | -            |        |        |        |  |
| GCP123  | 4,731,424.533 | 440,123.816 | 359.347 |              |        |        |        |  |

|         |               |             |         |              |        |        |        |
|---------|---------------|-------------|---------|--------------|--------|--------|--------|
| GCP123A | 4,731,424.523 | 440,123.821 | 359.358 | 112-GCP123   | -0.010 | 0.005  | 0.012  |
| GCP123B | 4,731,424.542 | 440,123.810 | 359.335 | 112-GCP123CK | 0.009  | -0.006 | -0.012 |
| -       | -             | -           | -       | -            |        |        |        |
| GCP125  | 4,702,456.719 | 429,857.137 | 333.788 |              |        |        |        |
| GCP125A | 4,702,456.712 | 429,857.132 | 333.781 | 112-GCP125   | -0.006 | -0.005 | -0.007 |
| GCP125B | 4,702,456.725 | 429,857.142 | 333.795 | 112-GCP125CK | 0.007  | 0.005  | 0.007  |
| -       | -             | -           | -       | -            |        |        |        |
| GCP126  | 4,690,293.888 | 413,385.795 | 290.519 |              |        |        |        |
| GCP126A | 4,690,293.885 | 413,385.803 | 290.495 | 112-GCP126   | -0.003 | 0.008  | -0.024 |
| GCP126B | 4,690,293.889 | 413,385.782 | 290.537 | 112-GCP126CK | 0.001  | -0.013 | 0.018  |
| GCP126C | 4,690,293.889 | 413,385.799 | 290.524 | 112-GCP126CK | 0.001  | 0.004  | 0.005  |
| -       | -             | -           | -       | -            |        |        |        |
| GCP127  | 4,715,406.503 | 421,279.253 | 345.313 |              |        |        |        |
| GCP127A | 4,715,406.499 | 421,279.260 | 345.317 | 112-GCP127   | -0.004 | 0.008  | 0.005  |
| GCP127B | 4,715,406.507 | 421,279.245 | 345.308 | 112-GCP127CK | 0.004  | -0.008 | -0.005 |
| -       | -             | -           | -       | -            |        |        |        |
| GCP130  | 4,723,244.304 | 438,132.630 | 350.516 |              |        |        |        |
| GCP130A | 4,723,244.294 | 438,132.630 | 350.519 | 112-GCP130   | -0.010 | 0.000  | 0.004  |
| GCP130B | 4,723,244.314 | 438,132.630 | 350.512 | 112-GCP130CK | 0.010  | 0.000  | -0.003 |
| -       | -             | -           | -       | -            |        |        |        |
| GCP138  | 4,701,425.452 | 380,294.826 | 358.463 |              |        |        |        |
| GCP138A | 4,701,425.451 | 380,294.822 | 358.453 | 112-GCP138   | -0.001 | -0.004 | -0.010 |
| GCP138B | 4,701,425.452 | 380,294.829 | 358.472 | 112-GCP138CK | 0.000  | 0.003  | 0.010  |
| -       | -             | -           | -       | -            |        |        |        |
| GCP140  | 4,744,589.184 | 450,635.682 | 362.443 |              |        |        |        |
| GCP140A | 4,744,589.192 | 450,635.683 | 362.458 | 112-GCP140   | 0.009  | 0.002  | 0.016  |
| GCP140B | 4,744,589.175 | 450,635.680 | 362.427 | 112-GCP140CK | -0.008 | -0.002 | -0.015 |
| -       | -             | -           | -       | -            |        |        |        |
| GCP145  | 4,722,803.617 | 458,858.499 | 350.641 |              |        |        |        |
| GCP145A | 4,722,803.617 | 458,858.506 | 350.650 | 112-GCP145   | 0.001  | 0.007  | 0.009  |
| GCP145B | 4,722,803.616 | 458,858.492 | 350.632 | 112-GCP145CK | 0.000  | -0.007 | -0.009 |
| -       | -             | -           | -       | -            |        |        |        |
| GCP171  | 4,636,803.569 | 360,695.743 | 357.930 |              |        |        |        |
| GCP171A | 4,636,803.584 | 360,695.745 | 357.950 | 112-GCP171   | 0.015  | 0.002  | 0.020  |
| GCP171B | 4,636,803.566 | 360,695.726 | 357.891 | 112-GCP171CK | -0.003 | -0.017 | -0.039 |
| GCP171C | 4,636,803.558 | 360,695.758 | 357.949 | 112-CHECK    | -0.011 | 0.015  | 0.019  |
| -       | -             | -           | -       | -            |        |        |        |
| GCP172  | 4,653,140.850 | 372,062.645 | 360.294 |              |        |        |        |
| GCP172A | 4,653,140.847 | 372,062.637 | 360.300 | 112-GCP172   | -0.003 | -0.008 | 0.006  |
| GCP172B | 4,653,140.853 | 372,062.652 | 360.288 | 112-GCP172CK | 0.003  | 0.008  | -0.006 |
| -       | -             | -           | -       | -            |        |        |        |
| GCP173  | 4,669,422.927 | 370,197.295 | 348.632 |              |        |        |        |
| GCP173A | 4,669,422.923 | 370,197.294 | 348.627 | 112-GCP173   | -0.003 | -0.001 | -0.005 |
| GCP173B | 4,669,422.930 | 370,197.296 | 348.637 | 112-GCP173CK | 0.003  | 0.001  | 0.005  |
| -       | -             | -           | -       | -            |        |        |        |
| GCP174  | 4,650,355.629 | 365,029.197 | 357.574 |              |        |        |        |
| GCP174A | 4,650,355.633 | 365,029.195 | 357.563 | 112-GCP174   | 0.004  | -0.001 | -0.011 |
| GCP174B | 4,650,355.625 | 365,029.198 | 357.585 | 112-GCP174CK | -0.004 | 0.002  | 0.011  |
| -       | -             | -           | -       | -            |        |        |        |
| GCP175  | 4,634,153.878 | 371,207.502 | 339.416 |              |        |        |        |
| GCP175A | 4,634,153.887 | 371,207.495 | 339.419 | 112-GCP175   | 0.009  | -0.007 | 0.004  |
| GCP175B | 4,634,153.869 | 371,207.508 | 339.412 | 112-GCP175CK | -0.009 | 0.006  | -0.003 |
| -       | -             | -           | -       | -            |        |        |        |
| GCP218  | 4,615,025.541 | 374,712.302 | 333.180 |              |        |        |        |
| GCP218A | 4,615,025.552 | 374,712.297 | 333.180 | 112-GCP218   | 0.011  | -0.005 | 0.001  |
| GCP218B | 4,615,025.530 | 374,712.307 | 333.179 | 112-GCP218CK | -0.011 | 0.005  | 0.000  |
| -       | -             | -           | -       | -            |        |        |        |
| GCP221  | 4,615,118.944 | 356,393.969 | 428.809 |              |        |        |        |
| GCP221A | 4,615,118.953 | 356,393.965 | 428.828 | 112-GCP221   | 0.009  | -0.004 | 0.019  |
| GCP221B | 4,615,118.934 | 356,393.973 | 428.789 | 112-GCP221CK | -0.009 | 0.004  | -0.019 |
| -       | -             | -           | -       | -            |        |        |        |

|         |               |             |         |              |        |        |        |  |
|---------|---------------|-------------|---------|--------------|--------|--------|--------|--|
| GCP222  | 4,621,238.165 | 366,331.748 | 349.281 |              |        |        |        |  |
| GCP222A | 4,621,238.177 | 366,331.754 | 349.295 | 112-GCP222   | 0.012  | 0.007  | 0.014  |  |
| GCP222B | 4,621,238.153 | 366,331.741 | 349.267 | 112-GCP222CK | -0.012 | -0.007 | -0.014 |  |
| -       | -             | -           | -       | -            |        |        |        |  |
| GCP39   | 4,707,673.016 | 469,038.712 | 338.906 |              |        |        |        |  |
| GCP39A  | 4,707,673.018 | 469,038.713 | 338.899 | 112-GCP39    | 0.002  | 0.001  | -0.007 |  |
| GCP39B  | 4,707,673.014 | 469,038.711 | 338.913 | 112-GCP39CK  | -0.002 | -0.001 | 0.007  |  |
| -       | -             | -           | -       | -            |        |        |        |  |
| GCP91   | 4,674,441.943 | 360,747.268 | 356.923 |              |        |        |        |  |
| GCP91A  | 4,674,441.951 | 360,747.278 | 356.915 | 112-GCP91    | 0.008  | 0.010  | -0.007 |  |
| GCP91B  | 4,674,441.935 | 360,747.258 | 356.930 | 112-GCP91CK  | -0.008 | -0.010 | 0.007  |  |
| -       | -             | -           | -       | -            |        |        |        |  |
| GCP92   | 4,674,057.699 | 378,230.029 | 346.068 |              |        |        |        |  |
| GCP92A  | 4,674,057.698 | 378,230.026 | 346.062 | 112-GCP92    | -0.001 | -0.003 | -0.006 |  |
| GCP92B  | 4,674,057.699 | 378,230.032 | 346.074 | 112-GCP92CK  | 0.001  | 0.003  | 0.006  |  |
| -       | -             | -           | -       | -            |        |        |        |  |
| GCP93   | 4,673,807.670 | 397,447.165 | 341.114 |              |        |        |        |  |
| GCP93A  | 4,673,807.667 | 397,447.168 | 341.117 | 112-GCP93    | -0.003 | 0.003  | 0.003  |  |
| GCP93B  | 4,673,807.673 | 397,447.161 | 341.111 | 112-GCP93CK  | 0.003  | -0.003 | -0.003 |  |
| -       | -             | -           | -       | -            |        |        |        |  |
| GCP94   | 4,673,682.945 | 408,689.403 | 349.630 |              |        |        |        |  |
| GCP94A  | 4,673,682.947 | 408,689.408 | 349.638 | 112-GCP94    | 0.002  | 0.006  | 0.008  |  |
| GCP94B  | 4,673,682.943 | 408,689.397 | 349.622 | 112-GCP94CK  | -0.002 | -0.005 | -0.008 |  |
| -       | -             | -           | -       | -            |        |        |        |  |
| GCP105  | 4,701,322.981 | 349,905.293 | 371.789 |              |        |        |        |  |
| GCP105A | 4,701,322.986 | 349,905.288 | 371.783 | 112-GCP105   | 0.005  | -0.005 | -0.006 |  |
| GCP105B | 4,701,322.975 | 349,905.298 | 371.795 | 112-GCP105B  | -0.005 | 0.005  | 0.006  |  |
| -       | -             | -           | -       | -            |        |        |        |  |
| GCP108  | 4,741,152.679 | 375,015.689 | 361.835 |              |        |        |        |  |
| GCP108A | 4,741,152.678 | 375,015.687 | 361.822 | 112-GCP108A  | -0.001 | -0.002 | -0.013 |  |
| GCP108B | 4,741,152.680 | 375,015.690 | 361.848 | 112-GCP108B  | 0.001  | 0.002  | 0.013  |  |
| -       | -             | -           | -       | -            |        |        |        |  |
| GCP113  | 4,730,260.438 | 389,853.222 | 351.235 |              |        |        |        |  |
| GCP113A | 4,730,260.436 | 389,853.209 | 351.240 | 112-GCP113A  | -0.002 | -0.013 | 0.005  |  |
| GCP113B | 4,730,260.440 | 389,853.234 | 351.229 | 112-GCP113B  | 0.002  | 0.013  | -0.006 |  |
| -       | -             | -           | -       | -            |        |        |        |  |
| GCP114  | 4,730,560.106 | 400,244.335 | 330.506 |              |        |        |        |  |
| GCP114A | 4,730,560.115 | 400,244.335 | 330.516 | 112-GCP114A  | 0.009  | 0.000  | 0.010  |  |
| GCP114B | 4,730,560.097 | 400,244.335 | 330.496 | 112-GCP114B  | -0.009 | 0.000  | -0.010 |  |
| -       | -             | -           | -       | -            |        |        |        |  |
| GCP137  | 4,731,414.954 | 382,152.291 | 374.730 |              |        |        |        |  |
| GCP137A | 4,731,414.960 | 382,152.287 | 374.742 | 112-GCP137A  | 0.007  | -0.004 | 0.012  |  |
| GCP137B | 4,731,414.947 | 382,152.295 | 374.718 | 112-GCP137B  | -0.007 | 0.004  | -0.012 |  |
| -       | -             | -           | -       | -            |        |        |        |  |
| GCP162  | 4,641,625.975 | 328,724.869 | 415.493 |              |        |        |        |  |
| GCP162A | 4,641,625.970 | 328,724.854 | 415.480 | 112-GCP162A  | -0.005 | -0.014 | -0.013 |  |
| GCP162B | 4,641,625.980 | 328,724.883 | 415.506 | 112-GCP162B  | 0.005  | 0.014  | 0.013  |  |
| -       | -             | -           | -       | -            |        |        |        |  |
| GCP163  | 4,658,608.647 | 347,178.995 | 375.268 |              |        |        |        |  |
| GCP163A | 4,658,608.646 | 347,178.993 | 375.279 | 112-GCP163A  | -0.001 | -0.002 | 0.011  |  |
| GCP163B | 4,658,608.647 | 347,178.996 | 375.257 | 112-GCP163B  | 0.001  | 0.001  | -0.011 |  |
| -       | -             | -           | -       | -            |        |        |        |  |
| GCP164  | 4,671,842.612 | 336,594.222 | 421.055 |              |        |        |        |  |
| GCP164A | 4,671,842.601 | 336,594.227 | 421.056 | 112-GCP164A  | -0.011 | 0.006  | 0.002  |  |
| GCP164B | 4,671,842.622 | 336,594.216 | 421.053 | 112-GCP164B  | 0.010  | -0.005 | -0.001 |  |
| -       | -             | -           | -       | -            |        |        |        |  |
| GCP165  | 4,661,456.891 | 330,773.213 | 438.114 |              |        |        |        |  |
| GCP165A | 4,661,456.890 | 330,773.215 | 438.126 | 112-GCP165A  | -0.001 | 0.002  | 0.012  |  |
| GCP165B | 4,661,456.891 | 330,773.211 | 438.101 | 112-GCP165B  | 0.001  | -0.002 | -0.012 |  |
| -       | -             | -           | -       | -            |        |        |        |  |
| GCP166  | 4,642,558.654 | 338,988.853 | 441.339 |              |        |        |        |  |



|         |               |             |         |             |        |        |        |
|---------|---------------|-------------|---------|-------------|--------|--------|--------|
| GCP166A | 4,642,558.651 | 338,988.849 | 441.335 | 112-GCP166A | -0.003 | -0.004 | -0.004 |
| GCP166B | 4,642,558.657 | 338,988.856 | 441.343 | 112-GCP166B | 0.003  | 0.003  | 0.004  |
| -       | -             | -           | -       | -           |        |        |        |
| GCP167  | 4,660,247.532 | 342,515.844 | 382.002 |             |        |        |        |
| GCP167A | 4,660,247.533 | 342,515.809 | 381.966 | 112-GCP167A | 0.001  | -0.035 | -0.036 |
| GCP167B | 4,660,247.534 | 342,515.864 | 382.032 | 112-GCP167B | 0.002  | 0.020  | 0.030  |
| GCP167D | 4,660,247.529 | 342,515.858 | 382.008 | 112-CHECK   | -0.003 | 0.014  | 0.006  |
| -       | -             | -           | -       | -           |        |        |        |
| GCP168  | 4,641,316.794 | 334,460.696 | 454.070 |             |        |        |        |
| GCP168A | 4,641,316.796 | 334,460.697 | 454.061 | 112-GCP168A | 0.002  | 0.001  | -0.008 |
| GCP168B | 4,641,316.792 | 334,460.694 | 454.078 | 112-GCP168B | -0.002 | -0.002 | 0.009  |
| -       | -             | -           | -       | -           |        |        |        |
| GCP169  | 4,658,331.213 | 357,204.857 | 378.229 |             |        |        |        |
| GCP169A | 4,658,331.206 | 357,204.850 | 378.230 | 112-GCP169A | -0.007 | -0.007 | 0.001  |
| GCP169B | 4,658,331.219 | 357,204.864 | 378.228 | 112-GCP169B | 0.006  | 0.007  | -0.001 |
| -       | -             | -           | -       | -           |        |        |        |
| GCP170  | 4,641,163.721 | 348,867.323 | 393.392 |             |        |        |        |
| GCP170A | 4,641,163.722 | 348,867.328 | 393.387 | 112-GCP10A  | 0.002  | 0.005  | -0.005 |
| GCP170B | 4,641,163.719 | 348,867.317 | 393.396 | 112-GCP170B | -0.002 | -0.006 | 0.005  |
| -       | -             | -           | -       | -           |        |        |        |
| GCP215  | 4,595,904.363 | 389,989.628 | 368.946 |             |        |        |        |
| GCP215A | 4,595,904.362 | 389,989.619 | 368.971 | 112-GCP21A  | -0.001 | -0.009 | 0.025  |
| GCP215B | 4,595,904.364 | 389,989.645 | 368.928 | 112-GCP215B | 0.001  | 0.017  | -0.018 |
| GCP215C | 4,595,904.363 | 389,989.620 | 368.938 | 112-CHECK   | 0.000  | -0.008 | -0.008 |
| -       | -             | -           | -       | -           |        |        |        |
| GCP216  | 4,595,959.306 | 373,214.195 | 378.996 |             |        |        |        |
| GCP216A | 4,595,959.305 | 373,214.197 | 378.998 | 112-GCP216A | -0.001 | 0.002  | 0.002  |
| GCP216B | 4,595,959.306 | 373,214.193 | 378.994 | 112-GCP216B | 0.001  | -0.002 | -0.002 |
| -       | -             | -           | -       | -           |        |        |        |
| GCP217  | 4,602,436.576 | 362,961.988 | 439.343 |             |        |        |        |
| GCP217A | 4,602,436.573 | 362,961.980 | 439.360 | 112-GCP216A | -0.003 | -0.008 | 0.017  |
| GCP217B | 4,602,436.587 | 362,961.989 | 439.309 | 112-GCP217B | 0.011  | 0.001  | -0.034 |
| GCP217C | 4,602,436.568 | 362,961.996 | 439.360 | 112-NE CRNR | -0.008 | 0.008  | 0.017  |
| -       | -             | -           | -       | -           |        |        |        |
| GCP220  | 4,605,015.994 | 400,410.123 | 295.124 |             |        |        |        |
| GCP220A | 4,605,015.974 | 400,410.111 | 295.124 | 112-GCP220A | -0.020 | -0.012 | 0.000  |
| GCP220B | 4,605,016.007 | 400,410.121 | 295.134 | 112-GCP220B | 0.013  | -0.002 | 0.010  |
| GCP220C | 4,605,016.001 | 400,410.137 | 295.115 | 112-CHECK   | 0.007  | 0.014  | -0.009 |
| -       | -             | -           | -       | -           |        |        |        |
| GCP244  | 4,742,060.353 | 420,115.320 | 353.103 |             |        |        |        |
| GCP244A | 4,742,060.353 | 420,115.310 | 353.080 | 112-GCP244A | 0.000  | -0.010 | -0.023 |
| GCP244B | 4,742,060.350 | 420,115.319 | 353.114 | 112-GCP244B | -0.003 | -0.001 | 0.011  |
| GCP244C | 4,742,060.357 | 420,115.332 | 353.114 | 112-GCP244C | 0.004  | 0.012  | 0.011  |
| -       | -             | -           | -       | -           |        |        |        |
| GCP33   | 4,751,193.887 | 382,464.609 | 354.909 |             |        |        |        |
| GCP33A  | 4,751,193.883 | 382,464.611 | 354.904 | 112-GCP33A  | -0.004 | 0.003  | -0.005 |
| GCP33B  | 4,751,193.891 | 382,464.606 | 354.914 | 112-GCP33B  | 0.004  | -0.002 | 0.005  |
| -       | -             | -           | -       | -           |        |        |        |
| GCP34   | 4,751,305.876 | 403,088.865 | 341.958 |             |        |        |        |
| GCP34A  | 4,751,305.885 | 403,088.862 | 341.963 | 112-GCP34A  | 0.009  | -0.003 | 0.005  |
| GCP34B  | 4,751,305.867 | 403,088.868 | 341.953 | 112-GCP34B  | -0.009 | 0.003  | -0.005 |
| -       | -             | -           | -       | -           |        |        |        |
| GCP35   | 4,751,193.549 | 411,492.189 | 354.714 |             |        |        |        |
| GCP35A  | 4,751,193.556 | 411,492.189 | 354.702 | 112-GCP35A  | 0.008  | 0.000  | -0.012 |
| GCP35B  | 4,751,193.541 | 411,492.189 | 354.725 | 112-GCP35B  | -0.007 | 0.000  | 0.012  |
| -       | -             | -           | -       | -           |        |        |        |
| GCP76   | 4,705,238.762 | 305,345.015 | 417.233 |             |        |        |        |
| GCP76A  | 4,705,238.761 | 305,345.020 | 417.239 | 112-GCP76A  | -0.001 | 0.005  | 0.006  |
| GCP76B  | 4,705,238.762 | 305,345.010 | 417.227 | 112-GCP76A  | 0.001  | -0.005 | -0.006 |
| -       | -             | -           | -       | -           |        |        |        |
| GCP77   | 4,675,758.138 | 309,797.230 | 417.978 |             |        |        |        |

|         |               |             |         |  |                       |        |        |        |
|---------|---------------|-------------|---------|--|-----------------------|--------|--------|--------|
| GCP77A  | 4,675,758.145 | 309,797.237 | 417.977 |  | 112-GCP77A            | 0.008  | 0.008  | -0.001 |
| GCP77B  | 4,675,758.130 | 309,797.222 | 417.979 |  | 112-GCP77B            | -0.007 | -0.008 | 0.001  |
| -       | -             | -           | -       |  | -                     |        |        |        |
| GCP78   | 4,687,087.558 | 314,580.961 | 413.128 |  |                       |        |        |        |
| GCP78A  | 4,687,087.554 | 314,580.959 | 413.133 |  | 112-GCP78A            | -0.004 | -0.002 | 0.005  |
| GCP78B  | 4,687,087.562 | 314,580.963 | 413.122 |  | 112-GCP78B            | 0.004  | 0.002  | -0.005 |
| -       | -             | -           | -       |  | -                     |        |        |        |
| GCP79   | 4,724,015.349 | 320,328.156 | 438.551 |  |                       |        |        |        |
| GCP79A  | 4,724,015.348 | 320,328.158 | 438.551 |  | 112-GCP79A            | -0.001 | 0.002  | 0.000  |
| GCP79B  | 4,724,015.349 | 320,328.154 | 438.550 |  | 112-GCP79B            | 0.001  | -0.002 | 0.000  |
| -       | -             | -           | -       |  | -                     |        |        |        |
| GCP80   | 4,727,241.206 | 311,216.115 | 462.878 |  |                       |        |        |        |
| GCP80A  | 4,727,241.205 | 311,216.112 | 462.896 |  | 112-GCP80A            | -0.001 | -0.003 | 0.018  |
| GCP80B  | 4,727,241.207 | 311,216.117 | 462.860 |  | 112-GCP80B            | 0.001  | 0.003  | -0.018 |
| -       | -             | -           | -       |  | -                     |        |        |        |
| GCP84   | 4,718,897.390 | 333,206.262 | 385.946 |  |                       |        |        |        |
| GCP84A  | 4,718,897.385 | 333,206.255 | 385.963 |  | 112-GCP84A            | -0.004 | -0.007 | 0.017  |
| GCP84C  | 4,718,897.394 | 333,206.268 | 385.928 |  | 112-GCP84C            | 0.005  | 0.006  | -0.018 |
| -       | -             | -           | -       |  | -                     |        |        |        |
| GCP85   | 4,704,241.319 | 328,258.107 | 400.496 |  |                       |        |        |        |
| GCP85A  | 4,704,241.311 | 328,258.105 | 400.499 |  | 112-GCP85A            | -0.008 | -0.002 | 0.003  |
| GCP85B  | 4,704,241.327 | 328,258.108 | 400.493 |  | 112-GCP85B            | 0.008  | 0.002  | -0.003 |
| -       | -             | -           | -       |  | -                     |        |        |        |
| GCP86   | 4,698,505.535 | 336,556.176 | 365.960 |  |                       |        |        |        |
| GCP86A  | 4,698,505.535 | 336,556.174 | 365.959 |  | 112-GCP86A            | 0.001  | -0.002 | -0.001 |
| GCP86B  | 4,698,505.534 | 336,556.177 | 365.961 |  | 112-GCP86B            | -0.001 | 0.002  | 0.001  |
| -       | -             | -           | -       |  | -                     |        |        |        |
| GCP87   | 4,686,331.030 | 330,610.438 | 390.515 |  |                       |        |        |        |
| GCP87A  | 4,686,331.017 | 330,610.444 | 390.523 |  | 112-GCP87A            | -0.013 | 0.006  | 0.008  |
| GCP87B  | 4,686,331.054 | 330,610.429 | 390.510 |  | 112-GCP87B            | 0.024  | -0.009 | -0.005 |
| GCP87C  | 4,686,331.018 | 330,610.440 | 390.512 |  | 112-CHECK             | -0.012 | 0.002  | -0.003 |
| -       | -             | -           | -       |  | -                     |        |        |        |
| GCP88   | 4,704,919.428 | 316,801.149 | 419.126 |  |                       |        |        |        |
| GCP88A  | 4,704,919.422 | 316,801.145 | 419.135 |  | 112-GCP88A            | -0.005 | -0.004 | 0.009  |
| GCP88B  | 4,704,919.433 | 316,801.153 | 419.117 |  | 112-GCP88B            | 0.005  | 0.004  | -0.009 |
| -       | -             | -           | -       |  | -                     |        |        |        |
| GCP89   | 4,675,274.520 | 327,408.231 | 415.926 |  |                       |        |        |        |
| GCP89A  | 4,675,274.522 | 327,408.223 | 415.949 |  | 112-GCP89A            | 0.002  | -0.008 | 0.023  |
| GCP89B  | 4,675,274.515 | 327,408.231 | 415.911 |  | 112-GCP89B            | -0.005 | 0.000  | -0.015 |
| GCP89C  | 4,675,274.522 | 327,408.238 | 415.917 |  | 112-CHECK             | 0.002  | 0.007  | -0.009 |
| -       | -             | -           | -       |  | -                     |        |        |        |
| GCP90   | 4,674,783.883 | 344,987.639 | 387.260 |  |                       |        |        |        |
| GCP90A  | 4,674,783.875 | 344,987.637 | 387.272 |  | 112-GCP90             | -0.008 | -0.002 | 0.012  |
| GCP90B  | 4,674,783.891 | 344,987.640 | 387.248 |  | 112-GCP90B            | 0.008  | 0.002  | -0.012 |
| -       | -             | -           | -       |  | -                     |        |        |        |
| GCP06   | 4,780,679.877 | 443,506.436 | 380.211 |  |                       |        |        |        |
| GCP06A  | 4,780,679.871 | 443,506.448 | 380.213 |  | 112-COR STOP BAR      | -0.005 | 0.012  | 0.002  |
| GCP06B  | 4,780,679.882 | 443,506.423 | 380.208 |  | 112-GCP06ACK          | 0.005  | -0.013 | -0.002 |
| -       | -             | -           | -       |  | -                     |        |        |        |
| GCP106  | 4,724,965.513 | 344,727.221 | 386.379 |  |                       |        |        |        |
| GCP106A | 4,724,965.504 | 344,727.231 | 386.380 |  | 112-STOP BAR AT JOINT | -0.008 | 0.010  | 0.001  |
| GCP106B | 4,724,965.521 | 344,727.211 | 386.377 |  | 112-GCP106ACK         | 0.009  | -0.010 | -0.002 |
| -       | -             | -           | -       |  | -                     |        |        |        |
| GCP107  | 4,732,795.385 | 363,397.678 | 375.389 |  |                       |        |        |        |
| GCP107A | 4,732,795.368 | 363,397.684 | 375.405 |  | 112-COR HANDICAP BOX  | -0.017 | 0.006  | 0.016  |
| GCP107B | 4,732,795.404 | 363,397.674 | 375.367 |  | 112-GCP107ACK         | 0.019  | -0.004 | -0.022 |
| GCP107C | 4,732,795.384 | 363,397.677 | 375.395 |  | 112-GCP107CK          | -0.001 | -0.001 | 0.006  |
| -       | -             | -           | -       |  | -                     |        |        |        |
| GCP110  | 4,721,178.167 | 368,920.040 | 378.010 |  |                       |        |        |        |
| GCP110A | 4,721,178.166 | 368,920.050 | 378.026 |  | 112-COR CONC          | -0.001 | 0.010  | 0.016  |
| GCP110B | 4,721,178.168 | 368,920.030 | 377.994 |  | 112-GCP110ACK         | 0.001  | -0.010 | -0.016 |

|         |               |             |         |   |                     |        |        |        |
|---------|---------------|-------------|---------|---|---------------------|--------|--------|--------|
| -       | -             | -           | -       | - | -                   | -      | -      | -      |
| GCP112  | 4,739,043.946 | 354,696.135 | 391.409 |   |                     |        |        |        |
| GCP112A | 4,739,043.935 | 354,696.147 | 391.400 |   | 112-SW COR STRIPE   | -0.010 | 0.012  | -0.009 |
| GCP112B | 4,739,043.956 | 354,696.123 | 391.417 |   | 112-GCP112ACK       | 0.011  | -0.012 | 0.008  |
| -       | -             | -           | -       | - | -                   | -      | -      | -      |
| GCP124  | 4,742,739.040 | 431,911.482 | 345.518 |   |                     |        |        |        |
| GCP124A | 4,742,739.038 | 431,911.477 | 345.523 |   | 112-COR STOP BAR    | -0.002 | -0.005 | 0.005  |
| GCP124B | 4,742,739.041 | 431,911.487 | 345.513 |   | 112-GCP124ACK       | 0.002  | 0.005  | -0.005 |
| -       | -             | -           | -       | - | -                   | -      | -      | -      |
| GCP135  | 4,796,549.936 | 362,081.725 | 388.854 |   |                     |        |        |        |
| GCP135A | 4,796,549.927 | 362,081.725 | 388.861 |   | 112-SE COR STRIPE   | -0.009 | 0.000  | 0.007  |
| GCP135B | 4,796,549.945 | 362,081.724 | 388.847 |   | 112-GCP135ACK       | 0.009  | -0.001 | -0.007 |
| -       | -             | -           | -       | - | -                   | -      | -      | -      |
| GCP141  | 4,771,781.561 | 450,692.762 | 369.923 |   |                     |        |        |        |
| GCP141A | 4,771,781.563 | 450,692.762 | 369.916 |   | 112-COR WALK        | 0.002  | 0.000  | -0.007 |
| GCP141B | 4,771,781.559 | 450,692.761 | 369.929 |   | 112-GCP141ACK       | -0.002 | -0.001 | 0.006  |
| -       | -             | -           | -       | - | -                   | -      | -      | -      |
| GCP230  | 4,788,709.309 | 357,954.872 | 380.776 |   |                     |        |        |        |
| GCP230A | 4,788,709.309 | 357,954.872 | 380.765 |   | 112-NW COR MAT      | 0.000  | 0.000  | -0.011 |
| GCP230B | 4,788,709.309 | 357,954.871 | 380.787 |   | 112-GCP230ACK       | 0.000  | -0.001 | 0.011  |
| -       | -             | -           | -       | - | -                   | -      | -      | -      |
| GCP231  | 4,789,309.469 | 349,085.324 | 459.190 |   |                     |        |        |        |
| GCP231A | 4,789,309.476 | 349,085.313 | 459.189 |   | 112-APEX STOP BAR   | 0.008  | -0.011 | 0.000  |
| GCP231B | 4,789,309.461 | 349,085.335 | 459.190 |   | 112-GCP231ACK       | -0.007 | 0.011  | 0.000  |
| -       | -             | -           | -       | - | -                   | -      | -      | -      |
| GCP232  | 4,816,361.107 | 369,010.672 | 382.483 |   |                     |        |        |        |
| GCP232A | 4,816,361.104 | 369,010.672 | 382.481 |   | 112-CL CONC         | -0.002 | 0.000  | -0.001 |
| GCP232B | 4,816,361.109 | 369,010.672 | 382.484 |   | 112-GCP232ACK       | 0.003  | 0.000  | 0.002  |
| -       | -             | -           | -       | - | -                   | -      | -      | -      |
| GCP233  | 4,771,733.045 | 373,770.858 | 363.655 |   |                     |        |        |        |
| GCP233A | 4,771,733.044 | 373,770.855 | 363.663 |   | 112-COR STOP BAR    | -0.001 | -0.003 | 0.009  |
| GCP233B | 4,771,733.046 | 373,770.860 | 363.646 |   | 112-GCP233ACK       | 0.001  | 0.003  | -0.008 |
| -       | -             | -           | -       | - | -                   | -      | -      | -      |
| GCP241  | 4,771,089.871 | 419,394.427 | 382.774 |   |                     |        |        |        |
| GCP241A | 4,771,089.873 | 419,394.422 | 382.763 |   | 112-COR WALK        | 0.002  | -0.004 | -0.011 |
| GCP241B | 4,771,089.868 | 419,394.431 | 382.785 |   | 112-GCP241ACK       | -0.003 | 0.004  | 0.011  |
| -       | -             | -           | -       | - | -                   | -      | -      | -      |
| GCP245  | 4,760,460.007 | 421,956.497 | 359.274 |   |                     |        |        |        |
| GCP245A | 4,760,460.005 | 421,956.498 | 359.267 |   | 112-COR STRIPING    | -0.002 | 0.001  | -0.007 |
| GCP245B | 4,760,460.008 | 421,956.496 | 359.281 |   | 112-GCP245ACK       | 0.002  | -0.001 | 0.007  |
| -       | -             | -           | -       | - | -                   | -      | -      | -      |
| GCP246  | 4,771,008.890 | 384,176.128 | 379.079 |   |                     |        |        |        |
| GCP246A | 4,771,008.889 | 384,176.130 | 379.091 |   | 112-APEX STOP BAR   | -0.001 | 0.003  | 0.013  |
| GCP246B | 4,771,008.891 | 384,176.125 | 379.066 |   | 112-GCP246ACK       | 0.001  | -0.003 | -0.012 |
| -       | -             | -           | -       | - | -                   | -      | -      | -      |
| GCP26   | 4,753,279.146 | 316,365.406 | 404.952 |   |                     |        |        |        |
| GCP26A  | 4,753,279.143 | 316,365.408 | 404.956 |   | 112-NW COR STRIPING | -0.003 | 0.002  | 0.005  |
| GCP26B  | 4,753,279.149 | 316,365.404 | 404.947 |   | 112-GCP26ACK        | 0.003  | -0.002 | -0.005 |
| -       | -             | -           | -       | - | -                   | -      | -      | -      |
| GCP27   | 4,753,518.454 | 306,709.208 | 431.902 |   |                     |        |        |        |
| GCP27A  | 4,753,518.458 | 306,709.219 | 431.885 |   | 112-SW COR CONC     | 0.004  | 0.011  | -0.017 |
| GCP27B  | 4,753,518.450 | 306,709.197 | 431.919 |   | 112-GCP27ACK        | -0.004 | -0.011 | 0.017  |
| -       | -             | -           | -       | - | -                   | -      | -      | -      |
| GCP28   | 4,770,285.184 | 313,790.706 | 430.378 |   |                     |        |        |        |
| GCP28A  | 4,770,285.182 | 313,790.709 | 430.381 |   | 112-COR WALK        | -0.002 | 0.003  | 0.003  |
| GCP28B  | 4,770,285.186 | 313,790.703 | 430.375 |   | 112-GCP28ACK        | 0.002  | -0.003 | -0.003 |
| -       | -             | -           | -       | - | -                   | -      | -      | -      |
| GCP29   | 4,767,471.029 | 323,937.355 | 424.504 |   |                     |        |        |        |
| GCP29A  | 4,767,471.027 | 323,937.358 | 424.494 |   | 112-SW COR STRIPE   | -0.002 | 0.003  | -0.010 |
| GCP29B  | 4,767,471.030 | 323,937.352 | 424.513 |   | 112-GCP29ACK        | 0.002  | -0.003 | 0.009  |
| -       | -             | -           | -       | - | -                   | -      | -      | -      |

|         |               |             |         |                     |        |        |        |  |
|---------|---------------|-------------|---------|---------------------|--------|--------|--------|--|
| GCP31   | 4,752,376.686 | 350,108.451 | 401.629 |                     |        |        |        |  |
| GCP31A  | 4,752,376.683 | 350,108.456 | 401.626 | 112-COR CONC AT CL  | -0.003 | 0.005  | -0.003 |  |
| GCP31B  | 4,752,376.689 | 350,108.446 | 401.632 | 112-GCP31ACK        | 0.003  | -0.005 | 0.003  |  |
| -       | -             | -           | -       | -                   |        |        |        |  |
| GCP32   | 4,752,044.685 | 362,969.912 | 370.840 |                     |        |        |        |  |
| GCP32A  | 4,752,044.683 | 362,969.910 | 370.845 | 112-NE COR STRIPING | -0.002 | -0.002 | 0.005  |  |
| GCP32B  | 4,752,044.687 | 362,969.914 | 370.834 | 112-GCP32ACK        | 0.002  | 0.002  | -0.006 |  |
| -       | -             | -           | -       | -                   |        |        |        |  |
| GCP36   | 4,750,985.368 | 435,248.408 | 362.854 |                     |        |        |        |  |
| GCP36A  | 4,750,985.374 | 435,248.413 | 362.851 | 112-COR STRIPE      | 0.006  | 0.005  | -0.003 |  |
| GCP36B  | 4,750,985.362 | 435,248.403 | 362.857 | 112-GCP36ACK        | -0.006 | -0.005 | 0.003  |  |
| -       | -             | -           | -       | -                   |        |        |        |  |
| GCP42   | 4,796,747.940 | 340,126.009 | 436.644 |                     |        |        |        |  |
| GCP42A  | 4,796,747.934 | 340,126.006 | 436.641 | 112-COR STRIPING    | -0.005 | -0.003 | -0.003 |  |
| GCP42B  | 4,796,747.945 | 340,126.012 | 436.647 | 112-GCP42ACK        | 0.005  | 0.003  | 0.003  |  |
| -       | -             | -           | -       | -                   |        |        |        |  |
| GCP43   | 4,807,025.059 | 352,482.785 | 398.893 |                     |        |        |        |  |
| GCP43A  | 4,807,025.058 | 352,482.785 | 398.897 | 112-SW COR STRIPE   | -0.001 | 0.001  | 0.004  |  |
| GCP43B  | 4,807,025.059 | 352,482.784 | 398.889 | 112-GCP43ACK        | 0.001  | 0.000  | -0.004 |  |
| -       | -             | -           | -       | -                   |        |        |        |  |
| GCP44   | 4,775,346.044 | 362,273.333 | 379.876 |                     |        |        |        |  |
| GCP44A  | 4,775,346.037 | 362,273.335 | 379.878 | 112-COR STRIPING    | -0.007 | 0.002  | 0.002  |  |
| GCP44B  | 4,775,346.051 | 362,273.331 | 379.874 | 112-GCP44ACK        | 0.007  | -0.002 | -0.002 |  |
| -       | -             | -           | -       | -                   |        |        |        |  |
| GCP45   | 4,765,779.103 | 344,090.626 | 414.662 |                     |        |        |        |  |
| GCP45A  | 4,765,779.100 | 344,090.628 | 414.666 | 112-SE COR STRIPING | -0.003 | 0.002  | 0.005  |  |
| GCP45B  | 4,765,779.106 | 344,090.624 | 414.657 | 112-GCP45ACK        | 0.003  | -0.002 | -0.005 |  |
| -       | -             | -           | -       | -                   |        |        |        |  |
| GCP48   | 4,769,300.795 | 399,185.721 | 368.523 |                     |        |        |        |  |
| GCP48A  | 4,769,300.796 | 399,185.713 | 368.520 | 112-COR WALK        | 0.002  | -0.008 | -0.002 |  |
| GCP48B  | 4,769,300.793 | 399,185.728 | 368.525 | 112-GCP48ACK        | -0.002 | 0.008  | 0.002  |  |
| -       | -             | -           | -       | -                   |        |        |        |  |
| GCP51   | 4,786,641.408 | 425,999.587 | 374.738 |                     |        |        |        |  |
| GCP51A  | 4,786,641.404 | 425,999.587 | 374.738 | 112-COR STOP BAR    | -0.004 | 0.000  | 0.000  |  |
| GCP51B  | 4,786,641.412 | 425,999.587 | 374.738 | 112-GCP51ACK        | 0.004  | 0.000  | 0.000  |  |
| -       | -             | -           | -       | -                   |        |        |        |  |
| GCP74   | 4,771,982.747 | 432,093.642 | 370.043 |                     |        |        |        |  |
| GCP74A  | 4,771,982.744 | 432,093.642 | 370.036 | 112-NW COR STRIPE   | -0.003 | 0.000  | -0.007 |  |
| GCP74B  | 4,771,982.750 | 432,093.642 | 370.049 | 112-GCP74ACK        | 0.003  | 0.000  | 0.006  |  |
| -       | -             | -           | -       | -                   |        |        |        |  |
| GCP81   | 4,746,505.490 | 324,239.046 | 398.874 |                     |        |        |        |  |
| GCP81A  | 4,746,505.480 | 324,239.043 | 398.876 | 112-APEX STOP BAR   | -0.010 | -0.003 | 0.002  |  |
| GCP81B  | 4,746,505.500 | 324,239.048 | 398.872 | 112-GCP81ACK        | 0.010  | 0.003  | -0.002 |  |
| -       | -             | -           | -       | -                   |        |        |        |  |
| GCP82   | 4,747,364.327 | 337,792.480 | 424.600 |                     |        |        |        |  |
| GCP82A  | 4,747,364.318 | 337,792.476 | 424.604 | 112-COR WALK        | -0.009 | -0.003 | 0.004  |  |
| GCP82B  | 4,747,364.336 | 337,792.483 | 424.596 | 112-GCP82ACK        | 0.009  | 0.003  | -0.004 |  |
| -       | -             | -           | -       | -                   |        |        |        |  |
| GCP83   | 4,735,028.566 | 329,547.861 | 392.501 |                     |        |        |        |  |
| GCP83A  | 4,735,028.557 | 329,547.857 | 392.512 | 112-SE COR STRIPE   | -0.009 | -0.004 | 0.011  |  |
| GCP83B  | 4,735,028.575 | 329,547.865 | 392.490 | 112-GCP83ACK        | 0.009  | 0.004  | -0.011 |  |
| -       | -             | -           | -       | -                   |        |        |        |  |
| GCP134  | 4,786,080.901 | 384,186.764 | 380.217 |                     |        |        |        |  |
| GCP134A | 4,786,080.899 | 384,186.765 | 380.219 | 112-NE CRNR         | -0.001 | 0.002  | 0.002  |  |
| GCP134B | 4,786,080.902 | 384,186.762 | 380.215 | 112-NE CRNR         | 0.002  | -0.002 | -0.002 |  |
| -       | -             | -           | -       | -                   |        |        |        |  |
| GCP136  | 4,810,466.230 | 342,478.949 | 457.107 |                     |        |        |        |  |
| GCP136A | 4,810,466.228 | 342,478.958 | 457.122 | 112-NE STRPE        | -0.002 | 0.009  | 0.015  |  |
| GCP136B | 4,810,466.232 | 342,478.939 | 457.092 | 112-NW STRPE        | 0.002  | -0.009 | -0.015 |  |
| -       | -             | -           | -       | -                   |        |        |        |  |
| GCP13   | 4,808,862.299 | 277,075.360 | 461.563 |                     |        |        |        |  |

|         |               |             |         |                  |        |        |        |
|---------|---------------|-------------|---------|------------------|--------|--------|--------|
| GCP13A  | 4,808,862.303 | 277,075.360 | 461.559 | 112-RR"X"        | 0.004  | 0.000  | -0.003 |
| GCP13B  | 4,808,862.295 | 277,075.360 | 461.566 | 112-RR"X"        | -0.004 | 0.000  | 0.003  |
| -       | -             | -           | -       | -                |        |        |        |
| GCP14   | 4,799,800.965 | 269,494.278 | 457.972 |                  |        |        |        |
| GCP14A  | 4,799,800.967 | 269,494.277 | 457.968 | 112-SE CRNR      | 0.002  | 0.000  | -0.003 |
| GCP14B  | 4,799,800.963 | 269,494.278 | 457.975 | 112-SE CRNR      | -0.002 | 0.001  | 0.004  |
| -       | -             | -           | -       | -                |        |        |        |
| GCP15   | 4,817,881.050 | 286,249.259 | 486.555 |                  |        |        |        |
| GCP15A  | 4,817,881.048 | 286,249.261 | 486.561 | 112-NW CRNR      | -0.001 | 0.003  | 0.007  |
| GCP15B  | 4,817,881.051 | 286,249.256 | 486.548 | 112-NW CRNR      | 0.002  | -0.003 | -0.006 |
| -       | -             | -           | -       | -                |        |        |        |
| GCP16   | 4,810,337.523 | 294,806.175 | 472.831 |                  |        |        |        |
| GCP16A  | 4,810,337.514 | 294,806.168 | 472.840 | 112-SE CRNR      | -0.009 | -0.007 | 0.009  |
| GCP16B  | 4,810,337.531 | 294,806.182 | 472.822 | 112-SE CRNR      | 0.008  | 0.007  | -0.009 |
| -       | -             | -           | -       | -                |        |        |        |
| GCP17   | 4,800,033.425 | 304,342.846 | 449.154 |                  |        |        |        |
| GCP17A  | 4,800,033.427 | 304,342.847 | 449.162 | 112-CNTER STRIPE | 0.003  | 0.002  | 0.008  |
| GCP17B  | 4,800,033.422 | 304,342.844 | 449.146 | 112-CNTR STRIPE  | -0.002 | -0.002 | -0.008 |
| -       | -             | -           | -       | -                |        |        |        |
| GCP18   | 4,803,583.787 | 327,040.600 | 430.630 |                  |        |        |        |
| GCP18A  | 4,803,583.779 | 327,040.605 | 430.639 | 112-ARROW PNT    | -0.008 | 0.005  | 0.010  |
| GCP18B  | 4,803,583.795 | 327,040.594 | 430.620 | 112-ARROW PNT    | 0.008  | -0.006 | -0.010 |
| -       | -             | -           | -       | -                |        |        |        |
| GCP19   | 4,795,996.305 | 288,792.550 | 480.014 |                  |        |        |        |
| GCP19A  | 4,795,996.305 | 288,792.545 | 480.013 | 112-NW CRNR      | 0.000  | -0.004 | -0.001 |
| GCP19B  | 4,795,996.305 | 288,792.554 | 480.014 | 112-NW CRNR      | 0.000  | 0.005  | 0.000  |
| -       | -             | -           | -       | -                |        |        |        |
| GCP20   | 4,813,940.833 | 312,197.176 | 455.685 |                  |        |        |        |
| GCP20A  | 4,813,940.826 | 312,197.173 | 455.682 | 112-NE CRNR      | -0.006 | -0.003 | -0.003 |
| GCP20B  | 4,813,940.839 | 312,197.179 | 455.688 | 112-NE CRNR      | 0.007  | 0.003  | 0.003  |
| -       | -             | -           | -       | -                |        |        |        |
| GCP21   | 4,799,765.580 | 314,413.118 | 453.071 |                  |        |        |        |
| GCP21A  | 4,799,765.579 | 314,413.125 | 453.071 | 112-STP BAR      | -0.001 | 0.007  | 0.000  |
| GCP21B  | 4,799,765.580 | 314,413.111 | 453.071 | 112-STP BAR      | 0.001  | -0.007 | 0.000  |
| -       | -             | -           | -       | -                |        |        |        |
| GCP22   | 4,812,517.347 | 331,511.991 | 437.686 |                  |        |        |        |
| GCP22A  | 4,812,517.347 | 331,511.995 | 437.689 | 112-STP BAR      | 0.000  | 0.005  | 0.003  |
| GCP22B  | 4,812,517.347 | 331,511.986 | 437.682 | 112-STP BAR      | 0.000  | -0.004 | -0.004 |
| -       | -             | -           | -       | -                |        |        |        |
| GCP234  | 4,787,644.447 | 415,409.243 | 353.621 |                  |        |        |        |
| GCP234A | 4,787,644.447 | 415,409.240 | 353.636 | 112-NE CRNR      | 0.000  | -0.003 | 0.015  |
| GCP234B | 4,787,644.447 | 415,409.245 | 353.606 | 112-NE CRNR      | 0.000  | 0.003  | -0.015 |
| -       | -             | -           | -       | -                |        |        |        |
| GCP235  | 4,803,282.772 | 411,273.028 | 348.154 |                  |        |        |        |
| GCP235A | 4,803,282.764 | 411,273.027 | 348.152 | 112-NW SIDEWLK   | -0.008 | -0.001 | -0.002 |
| GCP235B | 4,803,282.780 | 411,273.029 | 348.155 | 112-NW SIDEWLK   | 0.008  | 0.001  | 0.001  |
| -       | -             | -           | -       | -                |        |        |        |
| GCP236  | 4,815,959.365 | 388,078.855 | 366.994 |                  |        |        |        |
| GCP236A | 4,815,959.356 | 388,078.857 | 366.991 | 112-STP BAR      | -0.009 | 0.003  | -0.003 |
| GCP236B | 4,815,959.374 | 388,078.852 | 366.997 | 112-STP BAR      | 0.009  | -0.003 | 0.003  |
| -       | -             | -           | -       | -                |        |        |        |
| GCP238  | 4,794,097.124 | 401,412.681 | 358.378 |                  |        |        |        |
| GCP238A | 4,794,097.126 | 401,412.684 | 358.372 | 112-NW CRNR      | 0.002  | 0.003  | -0.006 |
| GCP238B | 4,794,097.122 | 401,412.678 | 358.384 | 112-NW CRNR      | -0.002 | -0.003 | 0.006  |
| -       | -             | -           | -       | -                |        |        |        |
| GCP239  | 4,819,097.295 | 273,502.221 | 473.786 |                  |        |        |        |
| GCP239A | 4,819,097.297 | 273,502.222 | 473.791 | 112-NE CRNR      | 0.002  | 0.001  | 0.006  |
| GCP239B | 4,819,097.292 | 273,502.220 | 473.780 | 112-NE CRNR      | -0.003 | -0.001 | -0.005 |
| -       | -             | -           | -       | -                |        |        |        |
| GCP23   | 4,783,625.995 | 318,767.110 | 410.830 |                  |        |        |        |
| GCP23A  | 4,783,626.000 | 318,767.111 | 410.827 | 112-NE CRNR      | 0.005  | 0.001  | -0.003 |

|         |               |             |         |                               |        |        |        |
|---------|---------------|-------------|---------|-------------------------------|--------|--------|--------|
| GCP23B  | 4,783,625.990 | 318,767.108 | 410.833 | 112-SE CRNR                   | -0.005 | -0.002 | 0.003  |
| -       | -             | -           | -       | -                             |        |        |        |
| GCP240  | 4,795,369.320 | 298,163.714 | 433.985 |                               |        |        |        |
| GCP240A | 4,795,369.318 | 298,163.712 | 433.988 | 112-STRIPE                    | -0.002 | -0.002 | 0.003  |
| GCP240B | 4,795,369.321 | 298,163.716 | 433.981 | 112-STRIPE                    | 0.002  | 0.002  | -0.004 |
| -       | -             | -           | -       | -                             |        |        |        |
| GCP24   | 4,810,370.183 | 323,462.692 | 435.401 |                               |        |        |        |
| GCP24A  | 4,810,370.185 | 323,462.705 | 435.397 | 112-ARROW PNT                 | 0.002  | 0.013  | -0.003 |
| GCP24B  | 4,810,370.181 | 323,462.679 | 435.404 | 112-ARROW PNT                 | -0.002 | -0.013 | 0.004  |
| -       | -             | -           | -       | -                             |        |        |        |
| GCP25   | 4,781,021.230 | 311,044.669 | 413.445 |                               |        |        |        |
| GCP25A  | 4,781,021.234 | 311,044.671 | 413.443 | 112-SW CRNR                   | 0.004  | 0.002  | -0.002 |
| GCP25B  | 4,781,021.226 | 311,044.667 | 413.447 | 112-SW CRNR                   | -0.004 | -0.002 | 0.002  |
| -       | -             | -           | -       | -                             |        |        |        |
| GCP30   | 4,777,698.365 | 335,387.728 | 409.308 |                               |        |        |        |
| GCP30A  | 4,777,698.372 | 335,387.721 | 409.313 | 112-STP BAR                   | 0.007  | -0.007 | 0.005  |
| GCP30B  | 4,777,698.358 | 335,387.734 | 409.302 | 112-STP BAR                   | -0.007 | 0.006  | -0.005 |
| -       | -             | -           | -       | -                             |        |        |        |
| GCP46   | 4,806,368.267 | 373,841.494 | 387.675 |                               |        |        |        |
| GCP46A  | 4,806,368.265 | 373,841.491 | 387.666 | 112-CNTR STRPE                | -0.002 | -0.003 | -0.009 |
| GCP46B  | 4,806,368.269 | 373,841.497 | 387.684 | 112-CNTR STRPE                | 0.002  | 0.003  | 0.009  |
| -       | -             | -           | -       | -                             |        |        |        |
| GCP47   | 4,786,200.739 | 392,411.479 | 370.395 |                               |        |        |        |
| GCP47A  | 4,786,200.742 | 392,411.478 | 370.394 | 112-NE CRNR                   | 0.003  | -0.001 | -0.001 |
| GCP47B  | 4,786,200.735 | 392,411.480 | 370.396 | 112-NE CRNR                   | -0.003 | 0.001  | 0.001  |
| -       | -             | -           | -       | -                             |        |        |        |
| GCP49   | 4,808,303.332 | 406,260.084 | 351.383 |                               |        |        |        |
| GCP49A  | 4,808,303.324 | 406,260.087 | 351.377 | 112-STP BAR                   | -0.007 | 0.003  | -0.005 |
| GCP49B  | 4,808,303.339 | 406,260.080 | 351.388 | 112-STP BAR                   | 0.008  | -0.003 | 0.005  |
| -       | -             | -           | -       | -                             |        |        |        |
| GCP50   | 4,804,152.425 | 423,325.330 | 364.191 |                               |        |        |        |
| GCP50A  | 4,804,152.427 | 423,325.333 | 364.194 | 112-NW CRNR                   | 0.002  | 0.003  | 0.003  |
| GCP50B  | 4,804,152.423 | 423,325.326 | 364.188 | 112-NW CRNR                   | -0.002 | -0.003 | -0.003 |
| -       | -             | -           | -       | -                             |        |        |        |
| GCP75   | 4,794,622.036 | 377,440.662 | 391.180 |                               |        |        |        |
| GCP75A  | 4,794,622.039 | 377,440.661 | 391.175 | 112-NW CRNR                   | 0.003  | -0.001 | -0.005 |
| GCP75B  | 4,794,622.033 | 377,440.662 | 391.185 | 112-NW CRNR                   | -0.003 | 0.000  | 0.005  |
| -       | -             | -           | -       | -                             |        |        |        |
| GCP05A  | 4,762,008.292 | 461,086.349 | 389.034 |                               |        |        |        |
| GCP05A  | 4,762,008.271 | 461,086.353 | 389.046 | 112-GCP05 MAGNAIL CORN SB     | -0.021 | 0.004  | 0.012  |
| GCP05B  | 4,762,008.312 | 461,086.345 | 389.022 | 112-GCP05CK                   | 0.020  | -0.004 | -0.012 |
| GCP05C  | 4,762,008.298 | 461,086.356 | 389.034 | 112-GCP05CK                   | 0.007  | 0.007  | 0.000  |
| -       | -             | -           | -       | -                             |        |        |        |
| GCP08   | 4,660,182.994 | 526,814.466 | 280.134 |                               |        |        |        |
| GCP08A  | 4,660,183.026 | 526,814.454 | 280.121 | 112-GCP08 CORN SW             | 0.032  | -0.011 | -0.013 |
| GCP08B  | 4,660,182.961 | 526,814.477 | 280.146 | 112-GCP08CK                   | -0.032 | 0.012  | 0.012  |
| GCP08D  | 4,660,182.992 | 526,814.471 | 280.145 | 112-GCP08CK                   | -0.002 | 0.006  | 0.011  |
| -       | -             | -           | -       | -                             |        |        |        |
| GCP09   | 4,650,654.237 | 519,282.582 | 269.595 |                               |        |        |        |
| GCP09A  | 4,650,654.225 | 519,282.584 | 269.608 | 112-GCP09 CORN SB             | -0.012 | 0.002  | 0.013  |
| GCP09B  | 4,650,654.248 | 519,282.580 | 269.581 | 112-GCP09CK                   | 0.012  | -0.002 | -0.014 |
| -       | -             | -           | -       | -                             |        |        |        |
| GCP10   | 4,645,900.817 | 545,003.920 | 253.470 |                               |        |        |        |
| GCP10A  | 4,645,900.806 | 545,003.917 | 253.481 | 112-GCP10 MAG NAIL CORN SB    | -0.011 | -0.003 | 0.012  |
| GCP10B  | 4,645,900.828 | 545,003.922 | 253.458 | 112-GCP10CK                   | 0.011  | 0.002  | -0.011 |
| -       | -             | -           | -       | -                             |        |        |        |
| GCP100  | 4,673,000.550 | 499,859.448 | 284.935 |                               |        |        |        |
| GCP100A | 4,673,000.540 | 499,859.451 | 284.930 | 2-GCP100 MAGG NAIL CORN STRIP | -0.009 | 0.003  | -0.005 |
| GCP100B | 4,673,000.559 | 499,859.445 | 284.939 | 112-GCP100CK                  | 0.010  | -0.003 | 0.005  |
| -       | -             | -           | -       | -                             |        |        |        |
| GCP101  | 4,673,103.601 | 507,877.596 | 315.322 |                               |        |        |        |

|         |               |             |         |                                |        |        |        |
|---------|---------------|-------------|---------|--------------------------------|--------|--------|--------|
| GCP101A | 4,673,103.601 | 507,877.595 | 315.298 | 2-GCP101 MAGG NAIL CORN STRIP  | 0.001  | -0.001 | -0.024 |
| GCP101B | 4,673,103.600 | 507,877.596 | 315.346 | 112-GCP101CK                   | -0.001 | 0.001  | 0.024  |
| GCP101C | 4,673,103.617 | 507,877.599 | 315.305 | 112-GCP101CK                   | 0.016  | 0.003  | -0.017 |
| -       | -             | -           | -       | -                              |        |        |        |
| GCP102  | 4,682,784.021 | 523,965.700 | 302.447 |                                |        |        |        |
| GCP102A | 4,682,784.036 | 523,965.686 | 302.439 | 112-GCP102 MAG NAIL CORN STRIP | 0.015  | -0.014 | -0.007 |
| GCP102B | 4,682,784.006 | 523,965.713 | 302.454 | 112-GCP102CK                   | -0.015 | 0.014  | 0.007  |
| -       | -             | -           | -       | -                              |        |        |        |
| GCP103  | 4,682,786.081 | 530,456.212 | 311.583 |                                |        |        |        |
| GCP103A | 4,682,786.101 | 530,456.203 | 311.580 | 112-GCP103 MAG NAIL CORN STRIP | 0.020  | -0.009 | -0.002 |
| GCP103B | 4,682,786.061 | 530,456.221 | 311.585 | 112-GCP103CK                   | -0.020 | 0.009  | 0.002  |
| GCP103C | 4,682,786.087 | 530,456.217 | 311.572 | 112-GCP103CK                   | 0.006  | 0.005  | -0.010 |
| -       | -             | -           | -       | -                              |        |        |        |
| GCP131  | 4,759,016.115 | 484,350.245 | 339.741 |                                |        |        |        |
| GCP131A | 4,759,016.108 | 484,350.242 | 339.733 | 112-GCP131 CORN STRIP          | -0.007 | -0.003 | -0.007 |
| GCP131B | 4,759,016.122 | 484,350.247 | 339.748 | 112-GCP131CK                   | 0.007  | 0.002  | 0.007  |
| -       | -             | -           | -       | -                              |        |        |        |
| GCP132  | 4,790,514.871 | 447,421.380 | 385.362 |                                |        |        |        |
| GCP132A | 4,790,514.866 | 447,421.383 | 385.383 | 112-GCP132 CORN STRIPING       | -0.004 | 0.003  | 0.022  |
| GCP132B | 4,790,514.875 | 447,421.376 | 385.340 | 112-GCP132CK                   | 0.004  | -0.003 | -0.022 |
| GCP132C | 4,790,514.877 | 447,421.373 | 385.387 | 112-GCP132CK                   | 0.007  | -0.006 | 0.026  |
| -       | -             | -           | -       | -                              |        |        |        |
| GCP133  | 4,801,200.273 | 463,114.864 | 384.685 |                                |        |        |        |
| GCP133A | 4,801,200.271 | 463,114.865 | 384.694 | 112-GCP133 CORN CONCR PATCH    | -0.002 | 0.001  | 0.010  |
| GCP133B | 4,801,200.275 | 463,114.863 | 384.675 | 112-GCP133CK                   | 0.002  | -0.001 | -0.010 |
| -       | -             | -           | -       | -                              |        |        |        |
| GCP148  | 4,732,579.544 | 476,953.549 | 363.099 |                                |        |        |        |
| GCP148A | 4,732,579.532 | 476,953.555 | 363.092 | 112-GCP148 MAG NAIL CORN STRIP | -0.012 | 0.006  | -0.007 |
| GCP148B | 4,732,579.556 | 476,953.542 | 363.106 | 112-GCP148CK                   | 0.012  | -0.007 | 0.007  |
| -       | -             | -           | -       | -                              |        |        |        |
| GCP149  | 4,689,840.429 | 480,882.992 | 320.706 |                                |        |        |        |
| GCP149A | 4,689,840.417 | 480,882.994 | 320.692 | 112-GCP149 MAGNAIL CORN STRIP  | -0.012 | 0.003  | -0.014 |
| GCP149B | 4,689,840.440 | 480,882.989 | 320.719 | 112-GCP149CK                   | 0.012  | -0.003 | 0.013  |
| -       | -             | -           | -       | -                              |        |        |        |
| GCP150  | 4,689,789.550 | 491,898.180 | 331.423 |                                |        |        |        |
| GCP150A | 4,689,789.532 | 491,898.181 | 331.419 | 112-GCP150 MAGNAIL CORN STRIP  | -0.018 | 0.002  | -0.004 |
| GCP150B | 4,689,789.568 | 491,898.178 | 331.426 | 112-GCP150CK                   | 0.018  | -0.001 | 0.003  |
| GCP150C | 4,689,789.556 | 491,898.188 | 331.407 | 112-GCP150CK                   | 0.006  | 0.009  | -0.016 |
| -       | -             | -           | -       | -                              |        |        |        |
| GCP152  | 4,710,789.580 | 495,899.316 | 326.740 |                                |        |        |        |
| GCP152A | 4,710,789.580 | 495,899.326 | 326.755 | 112-GCP152 MAGNAIL CORN STRIP  | 0.001  | 0.010  | 0.015  |
| GCP152B | 4,710,789.579 | 495,899.305 | 326.724 | 112-GCP152CK                   | -0.001 | -0.011 | -0.016 |
| -       | -             | -           | -       | -                              |        |        |        |
| GCP153  | 4,714,507.244 | 510,305.290 | 294.892 |                                |        |        |        |
| GCP153A | 4,714,507.247 | 510,305.301 | 294.903 | 112-GCP153 CORN SW             | 0.004  | 0.011  | 0.011  |
| GCP153B | 4,714,507.240 | 510,305.279 | 294.881 | 112-GCP153CK                   | -0.003 | -0.011 | -0.011 |
| -       | -             | -           | -       | -                              |        |        |        |
| GCP154  | 4,713,446.335 | 518,090.375 | 300.300 |                                |        |        |        |
| GCP154A | 4,713,446.334 | 518,090.370 | 300.283 | 112-GCP154 CORN SW             | -0.001 | -0.005 | -0.016 |
| GCP154B | 4,713,446.336 | 518,090.379 | 300.316 | 112-GCP154CK                   | 0.001  | 0.004  | 0.017  |
| -       | -             | -           | -       | -                              |        |        |        |
| GCP157  | 4,732,832.839 | 502,223.427 | 297.721 |                                |        |        |        |
| GCP157A | 4,732,832.850 | 502,223.430 | 297.731 | 112-GCP157 CORN SW             | 0.012  | 0.003  | 0.010  |
| GCP157B | 4,732,832.827 | 502,223.424 | 297.710 | 112-GCP157CK                   | -0.012 | -0.003 | -0.011 |
| -       | -             | -           | -       | -                              |        |        |        |
| GCP159  | 4,742,297.851 | 499,899.816 | 313.986 |                                |        |        |        |
| GCP159A | 4,742,297.840 | 499,899.819 | 313.998 | 112-GCP159 MAG NAIL CORN STRIP | -0.011 | 0.003  | 0.012  |
| GCP159B | 4,742,297.862 | 499,899.812 | 313.973 | 112-GCP159CK                   | 0.011  | -0.004 | -0.012 |
| -       | -             | -           | -       | -                              |        |        |        |
| GCP185  | 4,655,247.223 | 506,662.625 | 284.258 |                                |        |        |        |
| GCP185A | 4,655,247.216 | 506,662.617 | 284.247 | 112-GCP185 CORN STRIPING       | -0.007 | -0.008 | -0.010 |

|         |               |             |         |  |        |        |        |
|---------|---------------|-------------|---------|--|--------|--------|--------|
| GCP185B | 4,655,247.229 | 506,662.632 | 284.268 | 112-GCP185CK                           | 0.007  | 0.007  | 0.010  |
| -       | -             | -           | -       | -                                      |        |        |        |
| GCP186  | 4,645,680.892 | 534,824.505 | 250.511 |  |        |        |        |
| GCP186A | 4,645,680.888 | 534,824.507 | 250.517 | 112-GCP186 CORN SW                     | -0.003 | 0.002  | 0.006  |
| GCP186B | 4,645,680.895 | 534,824.502 | 250.505 | 112-GCP186CK                           | 0.003  | -0.003 | -0.006 |
| -       | -             | -           | -       | -                                      |        |        |        |
| GCP187  | 4,668,823.441 | 556,895.798 | 293.812 |  |        |        |        |
| GCP187A | 4,668,823.439 | 556,895.793 | 293.830 | 112-GCP187 MAG NAIL CORN STR MOVED N   | -0.002 | -0.005 | 0.018  |
| GCP187B | 4,668,823.443 | 556,895.803 | 293.793 | 112-GCP187CK                           | 0.002  | 0.005  | -0.019 |
| -       | -             | -           | -       | -                                      |        |        |        |
| GCP188  | 4,680,632.798 | 553,795.694 | 303.658 |  |        |        |        |
| GCP188A | 4,680,632.798 | 553,795.701 | 303.681 | 112-GCP188 MAG NAIL CORN SB            | 0.001  | 0.007  | 0.023  |
| GCP188B | 4,680,632.797 | 553,795.686 | 303.635 | 112-GCP188CK                           | -0.001 | -0.008 | -0.023 |
| GCP188C | 4,680,632.805 | 553,795.690 | 303.667 | 112-GCP188CK                           | 0.007  | -0.004 | 0.009  |
| -       | -             | -           | -       | -                                      |        |        |        |
| GCP189  | 4,658,760.026 | 549,931.744 | 267.116 |  |        |        |        |
| GCP189A | 4,658,760.023 | 549,931.748 | 267.119 | 112-GCP189 MAG NAIL CORN STRIP MOVED W | -0.002 | 0.005  | 0.003  |
| GCP189B | 4,658,760.028 | 549,931.739 | 267.113 | 112-GCP189CK                           | 0.003  | -0.005 | -0.003 |
| -       | -             | -           | -       | -                                      |        |        |        |
| GCP190  | 4,669,189.332 | 539,331.650 | 294.449 |  |        |        |        |
| GCP190A | 4,669,189.335 | 539,331.663 | 294.452 | 112-GCP190 MAG NAIL CORN STRIPING      | 0.004  | 0.013  | 0.004  |
| GCP190B | 4,669,189.328 | 539,331.636 | 294.445 | 112-GCP190CK                           | -0.003 | -0.014 | -0.003 |
| -       | -             | -           | -       | -                                      |        |        |        |
| GCP191  | 4,640,016.133 | 554,511.056 | 248.719 |  |        |        |        |
| GCP191A | 4,640,016.137 | 554,511.050 | 248.725 | 112-GCP191 MAG NAIL CORN STRIPING      | 0.004  | -0.006 | 0.006  |
| GCP191B | 4,640,016.129 | 554,511.062 | 248.712 | 112-GCP191CK                           | -0.004 | 0.006  | -0.007 |
| -       | -             | -           | -       | -                                      |        |        |        |
| GCP228  | 4,807,061.179 | 448,693.689 | 395.950 |  |        |        |        |
| GCP228A | 4,807,061.181 | 448,693.689 | 395.947 | 112-GCP228 MAG NAIL CORN SB            | 0.002  | 0.000  | -0.002 |
| GCP228B | 4,807,061.177 | 448,693.689 | 395.952 | 112-GCP228CK                           | -0.002 | 0.000  | 0.002  |
| -       | -             | -           | -       | -                                      |        |        |        |
| GCP229  | 4,790,893.426 | 466,035.086 | 368.924 |  |        |        |        |
| GCP229A | 4,790,893.426 | 466,035.078 | 368.928 | 112-GCP229 MAG NAIL CORN STRIP         | 0.000  | -0.008 | 0.005  |
| GCP229B | 4,790,893.426 | 466,035.093 | 368.919 | 112-GCP229CK                           | 0.000  | 0.008  | -0.005 |
| -       | -             | -           | -       | -                                      |        |        |        |
| GCP237  | 4,813,643.730 | 437,496.897 | 376.064 |  |        |        |        |
| GCP237A | 4,813,643.720 | 437,496.897 | 376.052 | 112-GCP237 MAG NAIL CORN STRIP         | -0.009 | 0.000  | -0.012 |
| GCP237B | 4,813,643.739 | 437,496.896 | 376.076 | 112-GCP237CK                           | 0.010  | -0.001 | 0.012  |
| -       | -             | -           | -       | -                                      |        |        |        |
| GCP243  | 4,792,588.232 | 484,041.993 | 361.607 |  |        |        |        |
| GCP243A | 4,792,588.231 | 484,041.993 | 361.595 | 112-CP243 CORN SW                      | -0.001 | 0.000  | -0.012 |
| GCP243B | 4,792,588.232 | 484,041.993 | 361.619 | 112-GCP243CK                           | 0.001  | 0.000  | 0.012  |
| -       | -             | -           | -       | -                                      |        |        |        |
| GCP248  | 4,670,194.305 | 523,640.140 | 300.724 |  |        |        |        |
| GCP248A | 4,670,194.312 | 523,640.126 | 300.730 | 112-GCP148 CORN SW                     | 0.007  | -0.014 | 0.007  |
| GCP248B | 4,670,194.298 | 523,640.154 | 300.717 | 112-GCP248CK                           | -0.007 | 0.014  | -0.007 |
| -       | -             | -           | -       | -                                      |        |        |        |
| GCP250  | 4,724,439.414 | 489,379.730 | 337.308 |  |        |        |        |
| GCP250A | 4,724,439.413 | 489,379.727 | 337.321 | 112-GCP250 MAG NAIL CORN SB            | -0.001 | -0.003 | 0.013  |
| GCP250B | 4,724,439.414 | 489,379.732 | 337.295 | 112-GCP250CK                           | 0.001  | 0.003  | -0.013 |
| -       | -             | -           | -       | -                                      |        |        |        |
| GCP37   | 4,750,737.598 | 460,966.260 | 387.922 |  |        |        |        |
| GCP37A  | 4,750,737.589 | 460,966.268 | 387.919 | 112-GCP37 MAGNAIL CORN STRIP MOVED S   | -0.009 | 0.008  | -0.003 |
| GCP37B  | 4,750,737.606 | 460,966.251 | 387.925 | 112-GCP37CK                            | 0.008  | -0.008 | 0.003  |
| -       | -             | -           | -       | -                                      |        |        |        |
| GCP38   | 4,750,536.577 | 483,500.298 | 336.436 |  |        |        |        |
| GCP38A  | 4,750,536.582 | 483,500.294 | 336.440 | 112-GCP38 MAG NAIL CORN STRIP          | 0.005  | -0.003 | 0.004  |
| GCP38B  | 4,750,536.572 | 483,500.301 | 336.432 | 112-GCP38CK                            | -0.005 | 0.003  | -0.004 |
| -       | -             | -           | -       | -                                      |        |        |        |
| GCP52   | 4,807,643.634 | 456,736.290 | 392.600 |  |        |        |        |
| GCP52A  | 4,807,643.629 | 456,736.282 | 392.601 | 112-GCP52 MAG NAIL CORN STRIP          | -0.005 | -0.008 | 0.001  |



|         |               |             |         |                               |        |        |        |
|---------|---------------|-------------|---------|-------------------------------|--------|--------|--------|
| GCP52B  | 4,807,643.639 | 456,736.297 | 392.599 | 112-GCP52CK                   | 0.005  | 0.008  | -0.001 |
| -       | -             | -           | -       | -                             |        |        |        |
| GCP53   | 4,776,553.306 | 468,383.039 | 374.679 |                               |        |        |        |
| GCP53A  | 4,776,553.302 | 468,383.046 | 374.663 | 112-GCP53 CORN SW             | -0.004 | 0.007  | -0.016 |
| GCP53B  | 4,776,553.310 | 468,383.031 | 374.695 | 112-GCP53CK                   | 0.004  | -0.008 | 0.016  |
| -       | -             | -           | -       | -                             |        |        |        |
| GCP54   | 4,810,187.724 | 476,455.729 | 384.439 |                               |        |        |        |
| GCP54A  | 4,810,187.731 | 476,455.723 | 384.430 | 112-GCP54 CORN STRIP          | 0.007  | -0.006 | -0.009 |
| GCP54B  | 4,810,187.717 | 476,455.735 | 384.448 | 112-GCP54CK                   | -0.007 | 0.006  | 0.009  |
| -       | -             | -           | -       | -                             |        |        |        |
| GCP55   | 4,777,396.907 | 486,513.251 | 328.625 |                               |        |        |        |
| GCP55A  | 4,777,396.904 | 486,513.250 | 328.614 | 112-GCP55 CORN STRIP          | -0.003 | -0.001 | -0.011 |
| GCP55B  | 4,777,396.909 | 486,513.252 | 328.635 | 112-GCP55CK                   | 0.002  | 0.001  | 0.010  |
| -       | -             | -           | -       | -                             |        |        |        |
| GCP151  | 4,695,081.061 | 494,788.890 | 308.494 |                               |        |        |        |
| GCP151A | 4,695,081.066 | 494,788.876 | 308.516 | 112-END PAINT STRIPE          | 0.005  | -0.014 | 0.022  |
| GCP151B | 4,695,081.055 | 494,788.904 | 308.472 | 112-END PAINTED STRIPE        | -0.005 | 0.014  | -0.022 |
| GCP151C | 4,695,081.046 | 494,788.879 | 308.446 | 112-GCP151CK                  | -0.014 | -0.011 | -0.048 |
| -       | -             | -           | -       | -                             |        |        |        |
| GCP155  | 4,728,785.581 | 534,217.016 | 276.614 |                               |        |        |        |
| GCP155A | 4,728,785.588 | 534,217.005 | 276.613 | 112-END STOP BAR              | 0.008  | -0.011 | 0.000  |
| GCP155B | 4,728,785.573 | 534,217.027 | 276.614 | 112-COR STOP BAR              | -0.008 | 0.011  | 0.000  |
| -       | -             | -           | -       | -                             |        |        |        |
| GCP156  | 4,737,342.103 | 527,299.489 | 285.595 |                               |        |        |        |
| GCP156A | 4,737,342.111 | 527,299.480 | 285.596 | 112-INT YELLOW LINES          | 0.008  | -0.009 | 0.001  |
| GCP156B | 4,737,342.095 | 527,299.498 | 285.593 | 112-INT YELLOW LINES          | -0.008 | 0.009  | -0.002 |
| -       | -             | -           | -       | -                             |        |        |        |
| GCP158  | 4,732,489.854 | 521,950.949 | 315.278 |                               |        |        |        |
| GCP158A | 4,732,489.843 | 521,950.948 | 315.279 | 112-STOP BAR @ WHITE LINE     | -0.011 | -0.001 | 0.001  |
| GCP158B | 4,732,489.865 | 521,950.949 | 315.277 | 112-INT STOP BAR & WHITE LINE | 0.011  | 0.001  | -0.001 |
| -       | -             | -           | -       | -                             |        |        |        |
| GCP160  | 4,689,923.251 | 518,623.162 | 313.781 |                               |        |        |        |
| GCP160A | 4,689,923.254 | 518,623.154 | 313.782 | 112-INTER SIDEWALK            | 0.003  | -0.008 | 0.002  |
| GCP160B | 4,689,923.247 | 518,623.169 | 313.779 | 112-INT S/W                   | -0.003 | 0.008  | -0.001 |
| -       | -             | -           | -       | -                             |        |        |        |
| GCP161  | 4,701,792.814 | 532,273.841 | 306.992 |                               |        |        |        |
| GCP161A | 4,701,792.820 | 532,273.842 | 307.001 | 112-INTER SIDEWALK            | 0.006  | 0.001  | 0.010  |
| GCP161B | 4,701,792.808 | 532,273.840 | 306.982 | 112-INT S/W                   | -0.006 | -0.001 | -0.009 |
| -       | -             | -           | -       | -                             |        |        |        |
| GCP242  | 4,802,869.911 | 506,701.348 | 358.948 |                               |        |        |        |
| GCP242A | 4,802,869.907 | 506,701.347 | 358.952 | 112-INT S/W                   | -0.004 | -0.001 | 0.005  |
| GCP242B | 4,802,869.915 | 506,701.349 | 358.943 | 112-INT S/W                   | 0.004  | 0.001  | -0.005 |
| -       | -             | -           | -       | -                             |        |        |        |
| GCP249  | 4,697,987.776 | 505,758.029 | 325.578 |                               |        |        |        |
| GCP249A | 4,697,987.783 | 505,758.031 | 325.580 | 112-END STOP BAR              | 0.008  | 0.002  | 0.002  |
| GCP249B | 4,697,987.768 | 505,758.027 | 325.575 | 112-END STOP BAR              | -0.007 | -0.002 | -0.002 |
| GCP249C | 4,697,987.767 | 505,758.033 | 325.527 | 112-GCP249CK                  | -0.008 | 0.004  | -0.050 |
| -       | -             | -           | -       | -                             |        |        |        |
| GCP40   | 4,750,534.373 | 515,509.111 | 306.840 |                               |        |        |        |
| GCP40A  | 4,750,534.374 | 515,509.110 | 306.834 | 112-END STOP BAR              | 0.001  | 0.000  | -0.006 |
| GCP40B  | 4,750,534.372 | 515,509.111 | 306.845 | 112-END STOP BAR              | -0.001 | 0.001  | 0.005  |
| -       | -             | -           | -       | -                             |        |        |        |
| GCP41   | 4,750,566.010 | 526,699.784 | 307.420 |                               |        |        |        |
| GCP41A  | 4,750,566.014 | 526,699.779 | 307.404 | 112-END WHITE LINE            | 0.004  | -0.005 | -0.016 |
| GCP41B  | 4,750,566.006 | 526,699.789 | 307.436 | 112-END WHITE LINE            | -0.004 | 0.005  | 0.016  |
| -       | -             | -           | -       | -                             |        |        |        |
| GCP56   | 4,766,606.915 | 504,328.019 | 305.740 |                               |        |        |        |
| GCP56A  | 4,766,606.908 | 504,328.008 | 305.746 | 112-CORNER STOP BAR           | -0.007 | -0.011 | 0.006  |
| GCP56B  | 4,766,606.922 | 504,328.029 | 305.734 | 112-END STOP BAR              | 0.007  | 0.010  | -0.006 |
| -       | -             | -           | -       | -                             |        |        |        |
| GCP57   | 4,806,916.523 | 498,830.663 | 362.981 |                               |        |        |        |

|        |               |             |         |                             |        |        |        |
|--------|---------------|-------------|---------|-----------------------------|--------|--------|--------|
| GCP57A | 4,806,916.520 | 498,830.662 | 362.976 | 112-INT S/W                 | -0.003 | 0.000  | -0.005 |
| GCP57B | 4,806,916.525 | 498,830.663 | 362.985 | 112-INT S/W                 | 0.003  | 0.001  | 0.005  |
| -      | -             | -           | -       | -                           |        |        |        |
| GCP58  | 4,774,860.270 | 510,640.952 | 347.408 |                             |        |        |        |
| GCP58A | 4,774,860.267 | 510,640.948 | 347.412 | 112-END WHITE LINE          | -0.003 | -0.003 | 0.004  |
| GCP58B | 4,774,860.272 | 510,640.955 | 347.404 | 112-END WHITE LINE          | 0.002  | 0.004  | -0.004 |
| -      | -             | -           | -       | -                           |        |        |        |
| GCP59  | 4,768,275.251 | 526,096.510 | 305.457 |                             |        |        |        |
| GCP59A | 4,768,275.248 | 526,096.497 | 305.438 | 112-STOP BAR                | -0.002 | -0.012 | -0.019 |
| GCP59B | 4,768,275.253 | 526,096.522 | 305.476 | 112-COR STOP BAR            | 0.003  | 0.013  | 0.019  |
| -      | -             | -           | -       | -                           |        |        |        |
| GCP61  | 4,792,453.225 | 516,704.594 | 356.191 |                             |        |        |        |
| GCP61A | 4,792,453.229 | 516,704.587 | 356.188 | 112-CORNER YELLOW LINES     | 0.004  | -0.007 | -0.002 |
| GCP61B | 4,792,453.221 | 516,704.601 | 356.193 | 112-INT YELLOW LINES        | -0.004 | 0.007  | 0.002  |
| -      | -             | -           | -       | -                           |        |        |        |
| GCP62  | 4,809,125.792 | 517,631.516 | 367.659 |                             |        |        |        |
| GCP62A | 4,809,125.799 | 517,631.515 | 367.659 | 112-COR CONC                | 0.007  | 0.000  | 0.000  |
| GCP62B | 4,809,125.784 | 517,631.516 | 367.658 | 112-COR CONC                | -0.008 | 0.001  | 0.000  |
| -      | -             | -           | -       | -                           |        |        |        |
| GCP63  | 4,800,447.713 | 536,266.922 | 373.148 |                             |        |        |        |
| GCP63A | 4,800,447.719 | 536,266.927 | 373.155 | 112-CORNER CONCRETE         | 0.006  | 0.005  | 0.007  |
| GCP63B | 4,800,447.706 | 536,266.917 | 373.141 | 112-COR CONC                | -0.007 | -0.005 | -0.007 |
| -      | -             | -           | -       | -                           |        |        |        |
| GCP64  | 4,810,121.451 | 532,907.625 | 393.189 |                             |        |        |        |
| GCP64A | 4,810,121.451 | 532,907.619 | 393.191 | 112-STOP BAR                | 0.001  | -0.006 | 0.002  |
| GCP64B | 4,810,121.450 | 532,907.631 | 393.186 | 112-STOP BAR                | -0.001 | 0.006  | -0.002 |
| -      | -             | -           | -       | -                           |        |        |        |
| GCP65  | 4,788,479.597 | 545,806.014 | 362.236 |                             |        |        |        |
| GCP65A | 4,788,479.594 | 545,806.018 | 362.240 | 112-INT S/W                 | -0.003 | 0.005  | 0.005  |
| GCP65B | 4,788,479.599 | 545,806.009 | 362.231 | 112-INT S/W                 | 0.003  | -0.005 | -0.005 |
| -      | -             | -           | -       | -                           |        |        |        |
| GCP66  | 4,815,326.374 | 552,067.025 | 377.321 |                             |        |        |        |
| GCP66A | 4,815,326.376 | 552,067.023 | 377.311 | 112-END PAINT STRIPE        | 0.002  | -0.002 | -0.010 |
| GCP66B | 4,815,326.372 | 552,067.026 | 377.331 | 112-END WHITE LINE          | -0.002 | 0.001  | 0.010  |
| -      | -             | -           | -       | -                           |        |        |        |
| GCP67  | 4,803,000.873 | 572,505.656 | 396.203 |                             |        |        |        |
| GCP67A | 4,803,000.858 | 572,505.655 | 396.201 | 112-END PAINTED ARROW       | -0.015 | -0.001 | -0.001 |
| GCP67B | 4,803,000.887 | 572,505.657 | 396.204 | 112-END PAINTED ARROW       | 0.014  | 0.001  | 0.002  |
| -      | -             | -           | -       | -                           |        |        |        |
| GCP68  | 4,810,798.268 | 558,335.248 | 377.408 |                             |        |        |        |
| GCP68A | 4,810,798.265 | 558,335.248 | 377.385 | 112- INT S/W                | -0.003 | 0.000  | -0.023 |
| GCP68B | 4,810,798.271 | 558,335.247 | 377.431 | 112-INT S/W                 | 0.003  | -0.001 | 0.023  |
| GCP68C | 4,810,798.285 | 558,335.263 | 377.391 | 112-GCP68CK                 | 0.017  | 0.015  | -0.017 |
| -      | -             | -           | -       | -                           |        |        |        |
| GCP69  | 4,797,511.813 | 563,326.363 | 365.470 |                             |        |        |        |
| GCP69A | 4,797,511.805 | 563,326.370 | 365.470 | 112-END PAINTED LINE        | -0.008 | 0.007  | 0.000  |
| GCP69B | 4,797,511.821 | 563,326.355 | 365.469 | 112-END WHITE LINE          | 0.008  | -0.008 | -0.001 |
| -      | -             | -           | -       | -                           |        |        |        |
| GCP70  | 4,790,158.745 | 556,955.469 | 375.011 |                             |        |        |        |
| GCP70A | 4,790,158.743 | 556,955.470 | 375.010 | 112-INT S/W & DRIVE         | -0.002 | 0.002  | 0.000  |
| GCP70B | 4,790,158.747 | 556,955.467 | 375.011 | 112-INT S/W                 | 0.002  | -0.002 | 0.001  |
| -      | -             | -           | -       | -                           |        |        |        |
| GCP71  | 4,802,208.967 | 548,198.773 | 378.864 |                             |        |        |        |
| GCP71A | 4,802,208.967 | 548,198.781 | 378.870 | 112-WHITE LINE @ END BRIDGE | 0.000  | 0.008  | 0.006  |
| GCP71B | 4,802,208.967 | 548,198.764 | 378.857 | 112-WHITE LINE @ BRIDGE     | 0.000  | -0.008 | -0.007 |
| -      | -             | -           | -       | -                           |        |        |        |
| GCP72  | 4,816,601.672 | 570,110.031 | 347.335 |                             |        |        |        |
| GCP72A | 4,816,601.657 | 570,110.023 | 347.358 | 112- END PAINT STRIPE       | -0.015 | -0.007 | 0.023  |
| GCP72B | 4,816,601.687 | 570,110.038 | 347.312 | 112-END YELLOW LINE         | 0.015  | 0.007  | -0.023 |
| GCP72C | 4,816,601.666 | 570,110.026 | 347.301 | 112-GCP72CK                 | -0.006 | -0.005 | -0.034 |
| -      | -             | -           | -       | -                           |        |        |        |

|   |               |             |         |                               |                 |                |                  |
|---|---------------|-------------|---------|-------------------------------|-----------------|----------------|------------------|
| GCP73   | 4,788,098.409 | 490,004.717 | 344.714 |                               |                 |                |                  |
| GCP73A  | 4,788,098.404 | 490,004.720 | 344.707 | 112-INT S/W                   | -0.004          | 0.003          | -0.007           |
| GCP73B  | 4,788,098.413 | 490,004.714 | 344.720 | 112-INT S/W                   | 0.004           | -0.003         | 0.007            |
| -   | -             | -           | -       | -                             |                 |                |                  |
| GCP60   | 4,786,107.385 | 529,714.324 | 341.742 |                               |                 |                |                  |
| GCP60A  | 4,786,107.397 | 529,714.325 | 341.753 | 112-STOP BAR @ WHITE LINE     | 0.012           | 0.002          | 0.011            |
| GCP60B  | 4,786,107.372 | 529,714.322 | 341.731 | 112-INT STOP BAR & WHITE LINE | -0.013          | -0.001         | -0.011           |
| -   | -             | -           | -       | -                             |                 |                |                  |
|   |               |             |         |                               | <b>Northing</b> | <b>Easting</b> | <b>Elevation</b> |
| <b>Number of Control Point Observations</b>   |               |             |         |                               | 542             | 542            | 542              |
| <b>Number of Control Point Observations with Residuals &gt; 0.033 m or &lt;-0.033 m</b>                       |               |             |         |                               | 0               | 1              | 12               |
| <b>Percentage of observations meeting the ASPRS Accuracy Standard for GCPs (1/3 of QL2 Accuracy of 10 cm)</b> |               |             |         |                               | 100%            | 100%           | 98%              |

# Attachment C

| Ground Control Point Observations and Checks |               |             |           |                         |                      |        |        |                               |        |        |                   |       |       |                   |                 |                    |
|--|---------------|-------------|-----------|-------------------------|----------------------|--------|--------|-------------------------------|--------|--------|-------------------|-------|-------|-------------------|-----------------|--------------------|
| Point #                                      | Northing      | Easting     | Elevation | Description             | Residuals vs Control |        |        | Observation Residuals (Error) |        |        | Residuals Squared |       |       | Deviation Squared |                 |                    |
|  |               |             |           |                         | ΔN                   | ΔE     | ΔElev  | ΔN                            | ΔE     | ΔElev  | ΔN                | ΔE    | ΔElev | ΔN <sup>2</sup>   | ΔE <sup>2</sup> | ΔElev <sup>2</sup> |
| GCP128                                       | 4,695,425.694 | 425,598.993 | 337.997   |                         |                      |        |        |                               |        |        |                   |       |       |                   |                 |                    |
| GCP128A                                      | 4,695,425.695 | 425,598.994 | 337.998   | 112-SE COR STRIP-NAILE  | 0.001                | 0.002  | -0.009 | 0.002                         | 0.003  | -0.018 | 0.000             | 0.000 | 0.000 | 0.0000            | 0.0000          | 0.0004             |
| GCP128B                                      | 4,695,425.693 | 425,598.991 | 338.006   | 112-GCP128AC            | -0.001               | -0.002 | 0.009  |                               |        |        |                   |       |       |                   |                 |                    |
| GCP129                                       | 4,698,281.162 | 433,581.413 | 315.016   |                         |                      |        |        |                               |        |        |                   |       |       |                   |                 |                    |
| GCP129A                                      | 4,698,281.169 | 433,581.415 | 315.006   | 112-APEX STOP BAR       | 0.007                | 0.003  | -0.010 | 0.014                         | 0.005  | -0.019 | 0.000             | 0.000 | 0.000 | 0.0003            | 0.0000          | 0.0004             |
| GCP129B                                      | 4,698,281.155 | 433,581.410 | 315.025   | 112-GCP129AC            | -0.007               | -0.003 | 0.010  |                               |        |        |                   |       |       |                   |                 |                    |
| GCP143                                       | 4,681,327.751 | 440,794.082 | 339.543   |                         |                      |        |        |                               |        |        |                   |       |       |                   |                 |                    |
| GCP143A                                      | 4,681,327.728 | 440,794.086 | 339.549   | 112-NE COR STRIPE       | -0.023               | 0.004  | 0.006  | -0.021                        | 0.001  | -0.025 | 0.000             | 0.000 | 0.001 | 0.0004            | 0.0000          | 0.0007             |
| GCP143B                                      | 4,681,327.776 | 440,794.074 | 339.505   | 112-GCP143AC            | 0.025                | -0.008 | -0.038 |                               |        |        |                   |       |       |                   |                 |                    |
| GCP143D                                      | 4,681,327.749 | 440,794.085 | 339.574   | 112-CHECK               | -0.002               | 0.003  | 0.031  |                               |        |        |                   |       |       |                   |                 |                    |
| GCP178                                       | 4,656,772.716 | 427,252.926 | 345.256   |                         |                      |        |        |                               |        |        |                   |       |       |                   |                 |                    |
| GCP178A                                      | 4,656,772.715 | 427,252.924 | 345.249   | 112-COR ARROW           | -0.001               | -0.002 | -0.006 | -0.001                        | -0.004 | -0.013 | 0.000             | 0.000 | 0.000 | 0.0000            | 0.0000          | 0.0002             |
| GCP178B                                      | 4,656,772.716 | 427,252.928 | 345.262   | 112-GCP178AC            | 0.001                | 0.002  | 0.007  |                               |        |        |                   |       |       |                   |                 |                    |
| GCP182                                       | 4,653,857.771 | 450,412.977 | 272.025   |                         |                      |        |        |                               |        |        |                   |       |       |                   |                 |                    |
| GCP182A                                      | 4,653,857.763 | 450,412.977 | 272.023   | 112-INSIDE COR STRIPING | -0.008               | 0.000  | -0.002 | -0.016                        | 0.000  | -0.004 | 0.000             | 0.000 | 0.000 | 0.0002            | 0.0000          | 0.0000             |
| GCP182B                                      | 4,653,857.779 | 450,412.977 | 272.027   | 112-GCP182AC            | 0.008                | 0.000  | 0.002  |                               |        |        |                   |       |       |                   |                 |                    |
| GCP200                                       | 4,638,693.063 | 474,483.694 | 305.152   |                         |                      |        |        |                               |        |        |                   |       |       |                   |                 |                    |
| GCP200A                                      | 4,638,693.065 | 474,483.697 | 305.140   | 112-COR WALK            | 0.002                | 0.003  | -0.012 | -0.010                        | 0.000  | -0.003 | 0.000             | 0.000 | 0.000 | 0.0001            | 0.0000          | 0.0000             |
| GCP200B                                      | 4,638,693.050 | 474,483.689 | 305.174   | 112-GCP200AC            | -0.013               | -0.005 | 0.022  |                               |        |        |                   |       |       |                   |                 |                    |
| GCP200C                                      | 4,638,693.075 | 474,483.697 | 305.143   | 112-CHECK               | 0.012                | 0.003  | -0.009 |                               |        |        |                   |       |       |                   |                 |                    |
| GCP 201                                      | 4,637,508.689 | 466,930.713 | 268.540   |                         |                      |        |        |                               |        |        |                   |       |       |                   |                 |                    |
| GCP201A                                      | 4,637,508.687 | 466,930.713 | 268.520   | 112-MAGNAIL COR WALK    | -0.002               | 0.000  | -0.020 | -0.009                        | -0.004 | 0.014  | 0.000             | 0.000 | 0.000 | 0.0000            | 0.0000          | 0.0002             |
| GCP201B                                      | 4,637,508.683 | 466,930.710 | 268.595   | 112-GCP201AC            | -0.006               | -0.003 | 0.055  |                               |        |        |                   |       |       |                   |                 |                    |
| GCP201C                                      | 4,637,508.696 | 466,930.717 | 268.506   | 112-CHECK               | 0.007                | 0.004  | -0.034 |                               |        |        |                   |       |       |                   |                 |                    |
| GCP202                                       | 4,613,895.094 | 479,633.897 | 251.217   |                         |                      |        |        |                               |        |        |                   |       |       |                   |                 |                    |
| GCP202A                                      | 4,613,895.096 | 479,633.889 | 251.202   | 112-COR ARROW           | 0.002                | -0.008 | -0.015 | 0.004                         | -0.016 | -0.030 | 0.000             | 0.000 | 0.001 | 0.0000            | 0.0003          | 0.0010             |
| GCP202B                                      | 4,613,895.092 | 479,633.905 | 251.232   | 112-GCP202AC            | -0.002               | 0.008  | 0.015  |                               |        |        |                   |       |       |                   |                 |                    |
| GCP 203                                      | 4,596,038.319 | 491,869.008 | 276.737   |                         |                      |        |        |                               |        |        |                   |       |       |                   |                 |                    |
| GCP203A                                      | 4,596,038.320 | 491,869.008 | 276.728   | 112-NE COR STRIPE       | 0.002                | 0.000  | -0.008 | 0.003                         | 0.000  | -0.017 | 0.000             | 0.000 | 0.000 | 0.0000            | 0.0000          | 0.0003             |
| GCP203B                                      | 4,596,038.317 | 491,869.008 | 276.745   | 112-GCP203ACK           | -0.002               | 0.000  | 0.009  |                               |        |        |                   |       |       |                   |                 |                    |
| GCP 204                                      | 4,604,830.818 | 480,628.941 | 280.321   |                         |                      |        |        |                               |        |        |                   |       |       |                   |                 |                    |
| GCP204A                                      | 4,604,830.824 | 480,628.939 | 280.327   | 112-E TIP ARROW         | 0.007                | -0.002 | 0.006  | 0.013                         | -0.004 | 0.013  | 0.000             | 0.000 | 0.000 | 0.0002            | 0.0000          | 0.0001             |
| GCP204B                                      | 4,604,830.811 | 480,628.943 | 280.314   | 112-GCP204AC            | -0.007               | 0.002  | -0.007 |                               |        |        |                   |       |       |                   |                 |                    |
| GCP 205                                      | 4,595,564.259 | 470,181.637 | 245.602   |                         |                      |        |        |                               |        |        |                   |       |       |                   |                 |                    |
| GCP205A                                      | 4,595,564.254 | 470,181.645 | 245.606   | 112-COR WALK            | -0.005               | 0.008  | 0.004  | -0.010                        | 0.017  | 0.008  | 0.000             | 0.000 | 0.000 | 0.0001            | 0.0003          | 0.0000             |
| GCP205B                                      | 4,595,564.264 | 470,181.628 | 245.598   | 112-GCP205ACK           | 0.005                | -0.008 | -0.004 |                               |        |        |                   |       |       |                   |                 |                    |
| GCP 206                                      | 4,610,871.169 | 462,351.434 | 285.550   |                         |                      |        |        |                               |        |        |                   |       |       |                   |                 |                    |
| GCP206A                                      | 4,610,871.166 | 462,351.438 | 285.546   | 112-COR STRIPE          | -0.003               | 0.004  | -0.003 | -0.006                        | 0.008  | -0.007 | 0.000             | 0.000 | 0.000 | 0.0000            | 0.0001          | 0.0001             |
| GCP206B                                      | 4,610,871.172 | 462,351.430 | 285.553   | 112-GCP206ACK           | 0.003                | -0.004 | 0.004  |                               |        |        |                   |       |       |                   |                 |                    |
| GCP 207                                      | 4,620,310.696 | 449,666.679 | 299.540   |                         |                      |        |        |                               |        |        |                   |       |       |                   |                 |                    |
| GCP207A                                      | 4,620,310.694 | 449,666.685 | 299.535   | 112-COR STRIPING        | -0.002               | 0.006  | -0.005 | -0.004                        | 0.012  | -0.010 | 0.000             | 0.000 | 0.000 | 0.0000            | 0.0001          | 0.0001             |
| GCP207B                                      | 4,620,310.698 | 449,666.673 | 299.545   | 112-GCP207ACK           | 0.002                | -0.006 | 0.005  |                               |        |        |                   |       |       |                   |                 |                    |
| GCP209                                       | 4,612,979.580 | 435,654.528 | 290.838   |                         |                      |        |        |                               |        |        |                   |       |       |                   |                 |                    |
| GCP209A                                      | 4,612,979.580 | 435,654.535 | 290.827   | 112-COR STRIPING        | 0.001                | 0.007  | -0.011 | 0.001                         | 0.014  | -0.022 | 0.000             | 0.000 | 0.000 | 0.0000            | 0.0002          | 0.0006             |
| GCP209B                                      | 4,612,979.579 | 435,654.521 | 290.849   | 112-GCP209ACK           | -0.001               | -0.007 | 0.011  |                               |        |        |                   |       |       |                   |                 |                    |
| GCP212                                       | 4,636,468.074 | 443,632.490 | 316.212   |                         |                      |        |        |                               |        |        |                   |       |       |                   |                 |                    |
| GCP212A                                      | 4,636,468.073 | 443,632.490 | 316.219   | 112-COR WALK            | -0.001               | 0.000  | 0.007  | -0.002                        | 0.001  | 0.014  | 0.000             | 0.000 | 0.000 | 0.0000            | 0.0000          | 0.0002             |
| GCP212B                                      | 4,636,468.075 | 443,632.489 | 316.205   | 112-GCP212AC            | 0.001                | -0.001 | -0.007 |                               |        |        |                   |       |       |                   |                 |                    |
| GCP213                                       | 4,623,403.465 | 431,475.019 | 272.613   |                         |                      |        |        |                               |        |        |                   |       |       |                   |                 |                    |
| GCP213A                                      | 4,623,403.490 | 431,475.030 | 272.616   | 112-SE COR MATT ON CONC | 0.025                | 0.011  | 0.003  | -0.004                        | -0.002 | -0.010 | 0.000             | 0.000 | 0.000 | 0.0000            | 0.0000          | 0.0001             |
| GCP213B                                      | 4,623,403.450 | 431,475.013 | 272.606   | 112-GCP213ACK           | -0.015               | -0.006 | -0.007 |                               |        |        |                   |       |       |                   |                 |                    |
| GCP213C                                      | 4,623,403.454 | 431,475.015 | 272.616   | 112-CHECK               | -0.011               | -0.004 | 0.003  |                               |        |        |                   |       |       |                   |                 |                    |
| GCP227                                       | 4,623,505.348 | 469,524.770 | 258.666   |                         |                      |        |        |                               |        |        |                   |       |       |                   |                 |                    |
| GCP227A                                      | 4,623,505.334 | 469,524.770 | 258.666   | 112-STRIFE AT JOINT     | -0.014               | 0.000  | 0.000  | -0.028                        | 0.000  | 0.000  | 0.001             | 0.000 | 0.000 | 0.0007            | 0.0000          | 0.0000             |
| GCP227B                                      | 4,623,505.362 | 469,524.770 | 258.666   | 112-GCP227AC            | 0.014                | 0.000  | 0.000  |                               |        |        |                   |       |       |                   |                 |                    |
| GCP95  | 4,673,487.390 | 423,105.665 | 341.593   |                         |                      |        |        |                               |        |        |                   |       |       |                   |                 |                    |
| GCP95A                                       | 4,673,487.391 | 423,105.663 | 341.583   | 112-NE COR STRIPE       | 0.002                | -0.002 | -0.010 | 0.003                         | -0.004 | -0.020 | 0.000             | 0.000 | 0.000 | 0.0000            | 0.0000          | 0.0005             |
| GCP95B                                       | 4,673,487.388 | 423,105.667 | 341.603   | 112-GCP95AC             | -0.001               | 0.002  | 0.010  |                               |        |        |                   |       |       |                   |                 |                    |
| GCP96  | 4,673,314.217 | 434,342.810 | 313.811   |                         |                      |        |        |                               |        |        |                   |       |       |                   |                 |                    |
| GCP96A                                       | 4,673,314.210 | 434,342.809 | 313.794   | 112-NE COR STRIPE       | -0.007               | -0.001 | -0.017 | 0.007                         | -0.003 | -0.018 | 0.000             | 0.000 | 0.000 | 0.0001            | 0.0000          | 0.0004             |
| GCP96B                                       | 4,673,314.238 | 434,342.808 | 313.827   | 112-GCP96AC             | 0.021                | -0.002 | 0.016  |                               |        |        |                   |       |       |                   |                 |                    |
| GCP96C                                       | 4,673,314.203 | 434,342.812 | 313.812   | 112-CHECK               | -0.014               | 0.002  | 0.001  |                               |        |        |                   |       |       |                   |                 |                    |
| GCP97  | 4,673,186.815 | 448,806.906 | 315.529   |                         |                      |        |        |                               |        |        |                   |       |       |                   |                 |                    |
| GCP97A                                       | 4,673,186.812 | 448,806.909 | 315.533   | 112-NW COR STRIPE       | -0.003               | 0.003  | 0.004  | -0.006                        | 0.006  | 0.008  | 0.000             | 0.000 | 0.000 | 0.0000            | 0.0000          | 0.0000             |
| GCP97B                                       | 4,673,186.818 | 448,806.903 | 315.525   | 112-GCP97AC             | 0.003                | -0.003 | -0.004 |                               |        |        |                   |       |       |                   |                 |                    |
| GCP01  | 4,634,123.424 | 423,155.312 | 323.056   |                         |                      |        |        |                               |        |        |                   |       |       |                   |                 |                    |
| GCP01A                                       | 4,634,123.417 | 423,155.323 | 323.064   | 112-COR STRIPING        | -0.006               | 0.011  | 0.008  | -0.013                        | 0.022  | 0.016  | 0.000             | 0.000 | 0.000 | 0.0001            | 0.0005          | 0.0002             |
| GCP01B                                       | 4,634,123.430 | 423,155.301 | 323.048   | 112-GCP01ACK            | 0.007                | -0.011 | -0.008 |                               |        |        |                   |       |       |                   |                 |                    |
| GCP02  | 4,646,311.775 | 421,246.958 | 323.652   |                         |                      |        |        |                               |        |        |                   |       |       |                   |                 |                    |
| GCP02A                                       | 4,646,311.775 | 421,246.956 | 323.653   | 112-INSIDE COR STOP BAR | 0.001                | -0.002 | 0.001  | 0.001                         | -0.004 | 0.002  | 0.000             | 0.000 | 0.000 | 0.0000            | 0.0000          | 0.0000             |
| GCP02B                                       | 4,646,311.774 | 421,246.960 | 323.651   | 112-GCP02ACK            | -0.001               | 0.002  | -0.001 |                               |        |        |                   |       |       |                   |                 |                    |
| GCP139                                       | 4,684,661.605 | 452,267.244 | 329.727   |                         |                      |        |        |                               |        |        |                   |       |       |                   |                 |                    |
| GCP139A                                      | 4,684,661.614 | 452,267.242 | 329.736   | 112-SE COR BIT PATCH    | 0.009                | -0.002 | 0.010  | 0.018                         | -0.004 | 0.019  | 0.000             | 0.000 | 0.000 | 0.0004            | 0.0000          | 0.0003             |
| GCP139B                                      | 4,684,661.596 | 452,267.246 | 329.717   | 112-GCP139ACK           | -0.009               | 0.002  | -0.010 |                               |        |        |                   |       |       |                   |                 |                    |
| GCP177                                       | 4,632,377.672 | 408,193.361 | 293.362   |                         |                      |        |        |                               |        |        |                   |       |       |                   |                 |                    |
| GCP177A                                      | 4,632,377.669 | 408,193.365 | 293.353   | 112-COR STRIPPING       | -0.003               | 0.004  | -0.008 | -0.006                        | 0.009  | -0.017 | 0.000             | 0.000 | 0.000 | 0.0000            | 0.0001          | 0.0003             |
| GCP177B                                      | 4,632,377.675 | 408,193.356 | 293.370   | 112-GCP177ACK           | 0.003                | -0.004 | 0.009  |                               |        |        |                   |       |       |                   |                 |                    |
| GCP208                                       | 4,604,711.330 | 443,637.750 | 297.182   |                         |                      |        |        |                               |        |        |                   |       |       |                   |                 |                    |
| GCP208A                                      | 4,604,711.332 | 443,637.755 | 297.180   | 112-COR STRIPING        | 0.002                | 0.005  | -0.002 | 0.004                         | 0.011  | -0.004 | 0.000             | 0.000 | 0.000 | 0.0000            | 0.0001          | 0.0000             |
| GCP208B                                      | 4,604,711.328 | 443,637.744 | 297.184   | 112-GCP208ACK           | -0.002               | -0.006 | 0.002  |                               |        |        |                   |       |       |                   |                 |                    |

|         |               |             |         |  |  |                   |  |        |        |        |        |        |        |       |       |       |        |        |        |
|---------|---------------|-------------|---------|--|--|-------------------|--|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|--------|--------|
| GCP210  | 4,607,088.911 | 426,203.294 | 314.784 |  |  |                   |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP210A | 4,607,088.913 | 426,203.293 | 314.776 |  |  |                   |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP210B | 4,607,088.909 | 426,203.295 | 314.792 |  |  | 112-COR BAR       |  | 0.002  | -0.001 | -0.008 | 0.004  | -0.002 | -0.016 | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0000 | 0.0003 |
|         |               |             |         |  |  | 112-GCP210ACK     |  | -0.002 | 0.001  | 0.008  |        |        |        |       |       |       |        |        |        |
| GCP211  | 4,602,012.280 | 456,014.845 | 238.835 |  |  |                   |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP211A | 4,602,012.279 | 456,014.849 | 238.823 |  |  | 112-COR STRIPING  |  | -0.001 | 0.004  | -0.011 | -0.001 | 0.008  | -0.023 | 0.000 | 0.000 | 0.001 | 0.0000 | 0.0001 | 0.0006 |
| GCP211B | 4,602,012.280 | 456,014.841 | 238.846 |  |  | 112-GCP211ACK     |  | 0.001  | -0.004 | 0.012  |        |        |        |       |       |       |        |        |        |
| GCP214  | 4,607,010.858 | 415,305.518 | 274.398 |  |  |                   |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP214A | 4,607,010.848 | 415,305.520 | 274.402 |  |  | 112-COR ARROW     |  | -0.009 | 0.003  | 0.005  | -0.019 | 0.005  | 0.009  | 0.000 | 0.000 | 0.000 | 0.0003 | 0.0000 | 0.0001 |
| GCP214B | 4,607,010.867 | 415,305.515 | 274.393 |  |  | 112-GCP214ACK     |  | 0.009  | -0.003 | -0.005 |        |        |        |       |       |       |        |        |        |
| GCP225  | 4,596,917.983 | 410,179.794 | 330.802 |  |  |                   |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP225A | 4,596,917.965 | 410,179.797 | 330.778 |  |  | 112-APEX STOP BAR |  | -0.018 | 0.003  | -0.024 | -0.009 | -0.006 | 0.009  | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0000 | 0.0001 |
| GCP225B | 4,596,917.987 | 410,179.789 | 330.818 |  |  | 112-GCP225ACK     |  | 0.004  | -0.005 | 0.016  |        |        |        |       |       |       |        |        |        |
| GCP225C | 4,596,917.996 | 410,179.795 | 330.809 |  |  | 112-CHECK         |  | 0.013  | 0.001  | 0.007  |        |        |        |       |       |       |        |        |        |
| GCP11   | 4,630,527.680 | 487,346.039 | 306.317 |  |  |                   |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP11A  | 4,630,527.685 | 487,346.041 | 306.314 |  |  | 112-PRK STRPE     |  | 0.005  | 0.003  | -0.002 | 0.010  | 0.005  | -0.005 | 0.000 | 0.000 | 0.000 | 0.0002 | 0.0000 | 0.0000 |
| GCP11B  | 4,630,527.675 | 487,346.036 | 306.319 |  |  | 112-PRK STRPEE    |  | -0.005 | -0.003 | 0.002  |        |        |        |       |       |       |        |        |        |
| GCP12   | 4,600,414.784 | 504,855.416 | 271.372 |  |  |                   |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP12A  | 4,600,414.782 | 504,855.415 | 271.388 |  |  | 112-CNTR STRIPE   |  | -0.002 | -0.001 | 0.016  | -0.004 | -0.002 | 0.032  | 0.000 | 0.000 | 0.001 | 0.0000 | 0.0000 | 0.0009 |
| GCP12B  | 4,600,414.786 | 504,855.417 | 271.356 |  |  | 112-CNTR STRIPE   |  | 0.002  | 0.001  | -0.016 |        |        |        |       |       |       |        |        |        |
| GCP146  | 4,708,493.873 | 478,345.321 | 335.422 |  |  |                   |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP146A | 4,708,493.875 | 478,345.332 | 335.421 |  |  | 112-NW STRIPE     |  | 0.002  | 0.011  | -0.001 | 0.004  | 0.022  | -0.002 | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0005 | 0.0000 |
| GCP146C | 4,708,493.871 | 478,345.310 | 335.423 |  |  | 112-NW STRIPE     |  | -0.002 | -0.011 | 0.001  |        |        |        |       |       |       |        |        |        |
| GCP147  | 4,685,124.468 | 464,215.032 | 361.590 |  |  |                   |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP147A | 4,685,124.469 | 464,215.012 | 361.605 |  |  | 112-STP BAR       |  | 0.001  | -0.020 | 0.015  | -0.007 | -0.027 | 0.005  | 0.000 | 0.001 | 0.000 | 0.0000 | 0.0007 | 0.0000 |
| GCP147B | 4,685,124.460 | 464,215.045 | 361.565 |  |  | 112-STP BAR       |  | -0.008 | 0.013  | -0.025 |        |        |        |       |       |       |        |        |        |
| GCP147C | 4,685,124.476 | 464,215.039 | 361.600 |  |  | 112-CHECK         |  | 0.008  | 0.007  | 0.010  |        |        |        |       |       |       |        |        |        |
| GCP183  | 4,651,478.051 | 463,797.401 | 305.666 |  |  |                   |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP183A | 4,651,478.049 | 463,797.404 | 305.663 |  |  | 112-YELLOW STRIPE |  | -0.002 | 0.003  | -0.002 | -0.004 | 0.006  | -0.005 | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0000 | 0.0000 |
| GCP183B | 4,651,478.053 | 463,797.398 | 305.668 |  |  | 112-YELLOW STRIPE |  | 0.002  | -0.003 | 0.002  |        |        |        |       |       |       |        |        |        |
| GCP192  | 4,636,146.012 | 522,343.570 | 306.207 |  |  |                   |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP192A | 4,636,146.009 | 522,343.562 | 306.205 |  |  | 112-SE STOP BAR   |  | -0.003 | -0.008 | -0.002 | -0.005 | -0.016 | -0.004 | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0003 | 0.0000 |
| GCP192B | 4,636,146.014 | 522,343.578 | 306.209 |  |  | 112-SE STOP BAR   |  | 0.003  | 0.008  | 0.002  |        |        |        |       |       |       |        |        |        |
| GCP193  | 4,616,475.260 | 495,532.425 | 291.414 |  |  |                   |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP193A | 4,616,475.256 | 495,532.419 | 291.420 |  |  | 112-PRK STRIPE    |  | -0.004 | -0.006 | 0.006  | -0.008 | -0.012 | 0.012  | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0001 | 0.0001 |
| GCP193B | 4,616,475.264 | 495,532.431 | 291.408 |  |  | 112-PRK STRPEE    |  | 0.004  | 0.006  | -0.006 |        |        |        |       |       |       |        |        |        |
| GCP194  | 4,629,763.311 | 508,069.860 | 312.398 |  |  |                   |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP194A | 4,629,763.306 | 508,069.842 | 312.417 |  |  | 112-STP BAR       |  | -0.005 | -0.018 | 0.019  | 0.004  | 0.015  | -0.006 | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0002 | 0.0001 |
| GCP194B | 4,629,763.315 | 508,069.876 | 312.386 |  |  | 112-STP BAR       |  | 0.004  | 0.016  | -0.012 |        |        |        |       |       |       |        |        |        |
| GCP194C | 4,629,763.311 | 508,069.861 | 312.392 |  |  | 112-CHECK         |  | 0.000  | 0.001  | -0.006 |        |        |        |       |       |       |        |        |        |
| GCP195  | 4,616,203.725 | 517,030.384 | 299.948 |  |  |                   |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP195A | 4,616,203.721 | 517,030.393 | 299.946 |  |  | 112-STP BAR       |  | -0.004 | 0.009  | -0.001 | -0.008 | 0.019  | -0.003 | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0004 | 0.0000 |
| GCP195B | 4,616,203.729 | 517,030.374 | 299.949 |  |  | 112-STP BAR       |  | 0.004  | -0.009 | 0.002  |        |        |        |       |       |       |        |        |        |
| GCP196  | 4,596,037.751 | 519,102.287 | 272.970 |  |  |                   |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP196A | 4,596,037.748 | 519,102.300 | 272.951 |  |  | 112-NW CRNR       |  | -0.003 | 0.013  | -0.019 | -0.009 | 0.019  | -0.015 | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0004 | 0.0003 |
| GCP196B | 4,596,037.749 | 519,102.280 | 272.993 |  |  | 112-NE CRNR       |  | -0.002 | -0.007 | 0.023  |        |        |        |       |       |       |        |        |        |
| GCP196C | 4,596,037.757 | 519,102.281 | 272.966 |  |  | 112-GCP196CK      |  | 0.006  | -0.006 | -0.004 |        |        |        |       |       |       |        |        |        |
| GCP197  | 4,603,421.016 | 513,032.223 | 277.896 |  |  |                   |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP197A | 4,603,421.015 | 513,032.214 | 277.915 |  |  | 112-POINT         |  | -0.001 | -0.009 | 0.020  | -0.002 | -0.018 | 0.039  | 0.000 | 0.000 | 0.002 | 0.0000 | 0.0003 | 0.0014 |
| GCP197B | 4,603,421.017 | 513,032.232 | 277.876 |  |  | 112-POINT         |  | 0.001  | 0.009  | -0.019 |        |        |        |       |       |       |        |        |        |
| GCP198  | 4,642,545.538 | 511,168.608 | 293.437 |  |  |                   |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP198A | 4,642,545.527 | 511,168.607 | 293.417 |  |  | 112-STP BAR POINT |  | -0.011 | -0.001 | -0.020 | -0.028 | -0.012 | -0.017 | 0.001 | 0.000 | 0.000 | 0.0007 | 0.0001 | 0.0003 |
| GCP198B | 4,642,545.532 | 511,168.599 | 293.459 |  |  | 112-STP BAR POINT |  | -0.006 | -0.009 | 0.022  |        |        |        |       |       |       |        |        |        |
| GCP198C | 4,642,545.555 | 511,168.619 | 293.434 |  |  | 112-CHECK         |  | 0.017  | 0.011  | -0.003 |        |        |        |       |       |       |        |        |        |
| GCP199  | 4,650,713.615 | 496,741.316 | 318.506 |  |  |                   |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP199A | 4,650,713.611 | 496,741.312 | 318.488 |  |  | 112-NW CORNER     |  | -0.004 | -0.004 | -0.018 | -0.030 | 0.005  | 0.011  | 0.001 | 0.000 | 0.000 | 0.0008 | 0.0000 | 0.0001 |
| GCP199B | 4,650,713.602 | 496,741.320 | 318.521 |  |  | 112-NW CORNER     |  | -0.013 | 0.004  | 0.015  |        |        |        |       |       |       |        |        |        |
| GCP199C | 4,650,713.632 | 496,741.315 | 318.510 |  |  | 112-CHECK         |  | 0.017  | -0.001 | 0.004  |        |        |        |       |       |       |        |        |        |
| GCP98   | 4,673,024.848 | 474,436.312 | 343.514 |  |  |                   |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP98A  | 4,673,024.853 | 474,436.311 | 343.526 |  |  | 112-NW CORNER     |  | 0.005  | -0.001 | 0.012  | 0.010  | -0.002 | 0.024  | 0.000 | 0.000 | 0.001 | 0.0002 | 0.0000 | 0.0005 |
| GCP98B  | 4,673,024.843 | 474,436.313 | 343.502 |  |  | 112-NW CORNER     |  | -0.005 | 0.001  | -0.012 |        |        |        |       |       |       |        |        |        |
| GCP99   | 4,672,985.600 | 483,837.653 | 312.459 |  |  |                   |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP99A  | 4,672,985.607 | 483,837.653 | 312.439 |  |  | 112-SW CORNR      |  | 0.007  | 0.000  | -0.020 | -0.001 | -0.010 | -0.018 | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0001 | 0.0004 |
| GCP99B  | 4,672,985.586 | 483,837.643 | 312.480 |  |  | 112-SW CORNR      |  | -0.014 | -0.010 | 0.021  |        |        |        |       |       |       |        |        |        |
| GCP99C  | 4,672,985.608 | 483,837.663 | 312.457 |  |  | 112-CHECK         |  | 0.008  | 0.010  | -0.002 |        |        |        |       |       |       |        |        |        |
| GCP142  | 4,703,214.835 | 447,416.193 | 374.306 |  |  |                   |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP142A | 4,703,214.832 | 447,416.190 | 374.314 |  |  | 112-SW CRNR       |  | -0.003 | -0.003 | 0.008  | -0.012 | -0.012 | 0.003  | 0.000 | 0.000 | 0.000 | 0.0001 | 0.0001 | 0.0000 |
| GCP142B | 4,703,214.844 | 447,416.202 | 374.311 |  |  | 112-SW CRNR       |  | 0.009  | 0.009  | 0.005  |        |        |        |       |       |       |        |        |        |
| GCP142C | 4,703,214.828 | 447,416.187 | 374.294 |  |  | 112-CRNR          |  | -0.007 | -0.006 | -0.012 |        |        |        |       |       |       |        |        |        |
| GCP144  | 4,703,961.747 | 455,686.312 | 366.113 |  |  |                   |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP144A | 4,703,961.741 | 455,686.305 | 366.122 |  |  | 112-CRNR          |  | -0.006 | -0.007 | 0.010  | -0.012 | -0.014 | 0.019  | 0.000 | 0.000 | 0.000 | 0.0001 | 0.0002 | 0.0003 |
| GCP144B | 4,703,961.753 | 455,686.319 | 366.103 |  |  | 112-GCP144CK      |  | 0.006  | 0.007  | -0.010 |        |        |        |       |       |       |        |        |        |
| GCP176  | 4,632,220.549 | 391,281.488 | 319.072 |  |  |                   |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP176A | 4,632,220.548 | 391,281.492 | 319.076 |  |  | 112-STP BAR       |  | -0.001 | 0.004  | 0.004  | -0.002 | 0.009  | 0.008  | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0001 | 0.0000 |
| GCP176B | 4,632,220.550 | 391,281.483 | 319.068 |  |  | 112-STP BAR       |  | 0.001  | -0.005 | -0.004 |        |        |        |       |       |       |        |        |        |
| GCP180  | 4,643,323.062 | 400,475.695 | 326.671 |  |  |                   |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP180A | 4,643,323.060 | 400,475.681 | 326.680 |  |  | 112-SSE CRNR      |  | -0.002 | -0.014 | 0.010  | -0.003 | -0.028 | 0.019  | 0.000 | 0.001 | 0.000 | 0.0000 | 0.0008 | 0.0003 |
| GCP180B | 4,643,323.063 | 400,475.709 | 326.661 |  |  | 112-SSE CRNR      |  | 0.002  | 0.014  | -0.01  |        |        |        |       |       |       |        |        |        |

|         |               |             |         |  |              |  |        |        |        |        |        |        |       |       |       |        |        |        |
|---------|---------------|-------------|---------|--|--------------|--|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|--------|--------|
| GCP219A | 4,616,439.959 | 386,435.255 | 330.340 |  | NE CRNR      |  | 0.006  | -0.005 | -0.009 | 0.012  | -0.010 | -0.018 | 0.000 | 0.000 | 0.000 | 0.0002 | 0.0001 | 0.0004 |
| GCP219C | 4,616,439.947 | 386,435.265 | 330.358 |  | 112-CHECK    |  | -0.006 | 0.005  | 0.009  |        |        |        |       |       |       |        |        |        |
| GCP223  | 4,626,009.842 | 380,703.176 | 356.628 |  |              |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP223A | 4,626,009.839 | 380,703.177 | 356.643 |  | 112-NW STRPE |  | -0.002 | 0.002  | 0.015  | -0.005 | 0.003  | 0.030  | 0.000 | 0.000 | 0.001 | 0.0000 | 0.0000 | 0.0008 |
| GCP223B | 4,626,009.844 | 380,703.174 | 356.613 |  | 112-NW STRPE |  | 0.003  | -0.002 | -0.015 |        |        |        |       |       |       |        |        |        |
| GCP224  | 4,625,674.635 | 398,439.485 | 321.016 |  |              |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP224A | 4,625,674.632 | 398,439.492 | 321.028 |  | 112-NE CRNR  |  | -0.003 | 0.007  | 0.012  | 0.007  | 0.009  | -0.002 | 0.000 | 0.000 | 0.000 | 0.0001 | 0.0001 | 0.0000 |
| GCP224B | 4,625,674.648 | 398,439.481 | 320.989 |  | 112-NE CRNR  |  | 0.013  | -0.004 | -0.027 |        |        |        |       |       |       |        |        |        |
| GCP224C | 4,625,674.625 | 398,439.483 | 321.030 |  | 112-CHECK    |  | -0.010 | -0.002 | 0.014  |        |        |        |       |       |       |        |        |        |
| GCP226  | 4,615,807.928 | 404,790.898 | 301.516 |  |              |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP226A | 4,615,807.921 | 404,790.896 | 301.499 |  | 112-NE CRNR  |  | -0.007 | -0.002 | -0.017 | -0.022 | -0.002 | -0.014 | 0.000 | 0.000 | 0.000 | 0.0004 | 0.0000 | 0.0002 |
| GCP226B | 4,615,807.921 | 404,790.900 | 301.536 |  | 112-NE CRNR  |  | -0.007 | 0.002  | 0.020  |        |        |        |       |       |       |        |        |        |
| GCP226C | 4,615,807.943 | 404,790.898 | 301.513 |  | 112-CHECK    |  | 0.015  | 0.000  | -0.003 |        |        |        |       |       |       |        |        |        |
| GCP247  | 4,668,405.110 | 458,678.351 | 311.170 |  |              |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP247A | 4,668,405.131 | 458,678.335 | 311.174 |  | 112-STRIPE   |  | 0.021  | -0.016 | 0.004  | 0.033  | -0.015 | -0.010 | 0.001 | 0.000 | 0.000 | 0.0012 | 0.0002 | 0.0001 |
| GCP247B | 4,668,405.102 | 458,678.369 | 311.151 |  | 112-STRIPE   |  | -0.008 | 0.018  | -0.019 |        |        |        |       |       |       |        |        |        |
| GCP247C | 4,668,405.098 | 458,678.350 | 311.184 |  | 112-CHECK    |  | -0.012 | -0.001 | 0.014  |        |        |        |       |       |       |        |        |        |
| GCP179  | 4,643,587.869 | 382,519.218 | 341.511 |  |              |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP179A | 4,643,587.872 | 382,519.220 | 341.523 |  | 112-STRIPE   |  | 0.003  | 0.002  | 0.012  | 0.004  | 0.009  | -0.005 | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0001 | 0.0000 |
| GCP179B | 4,643,587.867 | 382,519.224 | 341.481 |  | 112-STRIPE   |  | -0.002 | 0.006  | -0.030 |        |        |        |       |       |       |        |        |        |
| GCP179C | 4,643,587.868 | 382,519.211 | 341.528 |  | 112-CHECK    |  | -0.001 | -0.007 | 0.017  |        |        |        |       |       |       |        |        |        |
| GCP03   | 4,719,812.241 | 470,469.967 | 361.544 |  |              |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP03A  | 4,719,812.236 | 470,469.971 | 361.534 |  | 112-GCP03    |  | -0.005 | 0.004  | -0.010 | -0.010 | 0.008  | -0.020 | 0.000 | 0.000 | 0.000 | 0.0001 | 0.0001 | 0.0005 |
| GCP03B  | 4,719,812.246 | 470,469.963 | 361.554 |  | 112-GCP03CK  |  | 0.005  | -0.004 | 0.010  |        |        |        |       |       |       |        |        |        |
| GCP04   | 4,739,391.029 | 460,902.623 | 383.659 |  |              |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP04A  | 4,739,391.030 | 460,902.630 | 383.666 |  | 112-GCP04    |  | 0.002  | 0.007  | 0.007  | 0.003  | 0.014  | 0.015  | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0002 | 0.0002 |
| GCP04B  | 4,739,391.027 | 460,902.616 | 383.651 |  | 112-GCP04CK  |  | -0.002 | -0.007 | -0.007 |        |        |        |       |       |       |        |        |        |
| GCP07   | 4,662,583.993 | 386,059.942 | 327.670 |  |              |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP07A  | 4,662,583.998 | 386,059.952 | 327.675 |  | 112-GCP07    |  | 0.005  | 0.011  | 0.005  | 0.010  | 0.021  | 0.010  | 0.000 | 0.000 | 0.000 | 0.0002 | 0.0004 | 0.0001 |
| GCP07B  | 4,662,583.988 | 386,059.931 | 327.665 |  | 112-GCP07CK  |  | -0.005 | -0.010 | -0.005 |        |        |        |       |       |       |        |        |        |
| GCP104  | 4,695,489.188 | 357,785.590 | 375.341 |  |              |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP104A | 4,695,489.186 | 357,785.597 | 375.327 |  | 112-GCP104   |  | -0.002 | 0.008  | -0.014 | -0.004 | 0.015  | -0.027 | 0.000 | 0.000 | 0.001 | 0.0000 | 0.0002 | 0.0008 |
| GCP104B | 4,695,489.190 | 357,785.582 | 375.354 |  | 112-GCP104CK |  | 0.002  | -0.008 | 0.013  |        |        |        |       |       |       |        |        |        |
| GCP109  | 4,709,687.516 | 373,984.145 | 379.448 |  |              |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP109A | 4,709,687.516 | 373,984.155 | 379.446 |  | 112-GCP109   |  | 0.000  | 0.010  | -0.001 | 0.000  | 0.021  | -0.003 | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0004 | 0.0000 |
| GCP109B | 4,709,687.516 | 373,984.134 | 379.449 |  | 112-GCP109CK |  | 0.000  | -0.011 | 0.002  |        |        |        |       |       |       |        |        |        |
| GCP111  | 4,716,575.481 | 357,483.675 | 383.943 |  |              |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP111A | 4,716,575.473 | 357,483.688 | 383.923 |  | 112-GCP111   |  | -0.008 | 0.013  | -0.020 | -0.021 | -0.001 | 0.007  | 0.000 | 0.000 | 0.000 | 0.0004 | 0.0000 | 0.0000 |
| GCP111B | 4,716,575.475 | 357,483.668 | 383.957 |  | 112-GCP111CK |  | -0.006 | -0.007 | 0.014  |        |        |        |       |       |       |        |        |        |
| GCP111C | 4,716,575.496 | 357,483.669 | 383.950 |  | 112-GCP111CK |  | 0.015  | -0.006 | 0.007  |        |        |        |       |       |       |        |        |        |
| GCP115  | 4,706,384.889 | 402,550.293 | 333.150 |  |              |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP115A | 4,706,384.883 | 402,550.302 | 333.138 |  | 112-GCP115   |  | -0.005 | 0.009  | -0.012 | -0.011 | 0.018  | -0.024 | 0.000 | 0.000 | 0.001 | 0.0000 | 0.0001 | 0.0001 |
| GCP115B | 4,706,384.894 | 402,550.284 | 333.162 |  | 112-GCP115CK |  | 0.005  | -0.009 | 0.012  |        |        |        |       |       |       | 0.0000 | 0.0001 | 0.0001 |
| GCP116  | 4,702,832.778 | 407,198.245 | 340.958 |  |              |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP116A | 4,702,832.768 | 407,198.250 | 341.012 |  | 112-GCP116   |  | -0.010 | 0.005  | 0.054  | -0.015 | 0.002  | 0.011  | 0.000 | 0.000 | 0.000 | 0.0002 | 0.0000 | 0.0001 |
| GCP116B | 4,702,832.775 | 407,198.243 | 340.937 |  | 112-GCP116CK |  | -0.003 | -0.002 | -0.021 |        |        |        |       |       |       |        |        |        |
| GCP116C | 4,702,832.790 | 407,198.241 | 340.926 |  | 112-GCP116CK |  | 0.012  | -0.004 | -0.032 |        |        |        |       |       |       |        |        |        |
| GCP117  | 4,688,656.360 | 372,078.881 | 353.888 |  |              |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP117A | 4,688,656.365 | 372,078.895 | 353.898 |  | 112-GCP117   |  | 0.005  | 0.015  | 0.010  | 0.010  | 0.029  | 0.020  | 0.000 | 0.001 | 0.000 | 0.0002 | 0.0008 | 0.0003 |
| GCP117B | 4,688,656.355 | 372,078.866 | 353.878 |  | 112-GCP117CK |  | -0.005 | -0.014 | -0.010 |        |        |        |       |       |       |        |        |        |
| GCP118  | 4,690,753.788 | 393,352.797 | 350.585 |  |              |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP118A | 4,690,753.783 | 393,352.797 | 350.603 |  | 112-GCP118   |  | -0.004 | 0.001  | 0.018  | -0.009 | 0.001  | 0.036  | 0.000 | 0.000 | 0.001 | 0.0000 | 0.0000 | 0.0012 |
| GCP118B | 4,690,753.792 | 393,352.796 | 350.567 |  | 112-GCP118CK |  | 0.005  | -0.001 | -0.018 |        |        |        |       |       |       |        |        |        |
| GCP119  | 4,715,963.098 | 384,936.288 | 362.165 |  |              |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP119A | 4,715,963.090 | 384,936.290 | 362.161 |  | 112-GCP119   |  | -0.008 | 0.003  | -0.003 | -0.015 | 0.005  | -0.007 | 0.000 | 0.000 | 0.000 | 0.0002 | 0.0000 | 0.0001 |
| GCP119B | 4,715,963.105 | 384,936.285 | 362.168 |  | 112-GCP119CK |  | 0.008  | -0.003 | 0.004  |        |        |        |       |       |       |        |        |        |
| GCP120  | 4,702,578.054 | 418,566.890 | 337.905 |  |              |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP120A | 4,702,578.057 | 418,566.882 | 337.894 |  | 112-GCP120   |  | 0.003  | -0.008 | -0.011 | 0.002  | -0.005 | 0.003  | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0000 | 0.0000 |
| GCP120B | 4,702,578.050 | 418,566.902 | 337.929 |  | 112-GCP120CK |  | -0.004 | 0.012  | 0.024  |        |        |        |       |       |       |        |        |        |
| GCP120C | 4,702,578.055 | 418,566.887 | 337.891 |  | 112-GCP120CK |  | 0.001  | -0.003 | -0.014 |        |        |        |       |       |       |        |        |        |
| GCP121  | 4,726,715.424 | 414,006.359 | 348.168 |  |              |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP121A | 4,726,715.447 | 414,006.367 | 348.100 |  | 112-GCP121   |  | 0.023  | 0.008  | -0.068 | 0.000  | -0.008 | 0.025  | 0.000 | 0.000 | 0.001 | 0.0000 | 0.0001 | 0.0006 |
| GCP121B | 4,726,715.412 | 414,006.351 | 348.215 |  | 112-GCP121CK |  | -0.012 | -0.008 | 0.047  |        |        |        |       |       |       |        |        |        |
| GCP121C | 4,726,715.412 | 414,006.359 | 348.190 |  | 112-GCP121CK |  | -0.012 | 0.000  | 0.022  |        |        |        |       |       |       |        |        |        |
| GCP122  | 4,723,915.763 | 425,861.162 | 339.873 |  |              |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP122A | 4,723,915.766 | 425,861.156 | 339.867 |  | 112-GCP122   |  | 0.003  | -0.006 | -0.005 | 0.006  | -0.011 | -0.011 | 0.000 | 0.000 | 0.000 | 0.0001 | 0.0001 | 0.0002 |
| GCP122B | 4,723,915.760 | 425,861.167 | 339.878 |  | 112-GCP122CK |  | -0.003 | 0.005  | 0.005  |        |        |        |       |       |       |        |        |        |
| GCP123  | 4,731,424.533 | 440,123.816 | 359.347 |  |              |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP123A | 4,731,424.523 | 440,123.821 | 359.358 |  | 112-GCP123   |  | -0.010 | 0.005  | 0.012  | -0.019 | 0.011  | 0.023  | 0.000 | 0.000 | 0.001 | 0.0003 | 0.0001 | 0.0005 |
| GCP123B | 4,731,424.542 | 440,123.810 | 359.335 |  | 112-GCP123CK |  | 0.009  | -0.006 | -0.012 |        |        |        |       |       |       |        |        |        |
| GCP125  | 4,702,456.719 | 429,857.137 | 333.788 |  |              |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP125A | 4,702,456.712 | 429,857.132 | 333.781 |  | 112-GCP125   |  | -0.006 | -0.005 | -0.007 | -0.013 | -0.010 | -0.014 | 0.000 | 0.000 | 0.000 | 0.0001 | 0.0001 | 0.0002 |
| GCP125B | 4,702,456.725 | 429,857.142 | 333.795 |  | 112-GCP125CK |  | 0.007  | 0.005  | 0.007  |        |        |        |       |       |       |        |        |        |
| GCP126  | 4,690,293.888 | 413,385.795 | 290.519 |  |              |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP126A | 4,690,293.885 | 413,385.803 | 290.495 |  | 112-GCP126   |  | -0.003 | 0.008  | -0.024 | 0.000  | -0.017 | 0.013  | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0003 | 0.0001 |
| GCP126B | 4,690,293.889 | 413,385.782 | 290.537 |  | 112-GCP126CK |  | 0.001  | -0.013 | 0.018  |        |        |        |       |       |       |        |        |        |
| GCP126C | 4,690,293.889 | 413,385.799 | 290.524 |  | 112-GCP126CK |  | 0.001  | 0.004  | 0.005  |        |        |        |       |       |       |        |        |        |
| GCP127  | 4,715,406.503 | 421,279.253 | 345.313 |  |              |  |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP127A | 4,715,406.499 | 421,279.260 | 345.317 |  | 112-GCP127   |  | -0.004 | 0.008  | 0.005  | -0.008 | 0.015  | 0.009  |       |       |       |        |        |        |

|         |               |             |         |  |              |        |        |        |        |        |        |       |       |       |        |        |        |
|---------|---------------|-------------|---------|--|--------------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|--------|--------|
| GCP138A | 4,701,425.451 | 380,294.822 | 358.453 |  | 112-GCP138   | -0.001 | -0.004 | -0.010 | -0.001 | -0.007 | -0.019 | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0000 | 0.0004 |
| GCP138B | 4,701,425.452 | 380,294.829 | 358.472 |  | 112-GCP138CK | 0.000  | 0.003  | 0.010  |        |        |        |       |       |       |        |        |        |
| GCP140  | 4,744,589.184 | 450,635.682 | 362.443 |  |              |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP140A | 4,744,589.192 | 450,635.683 | 362.458 |  | 112-GCP140   | 0.009  | 0.002  | 0.016  | 0.017  | 0.003  | 0.031  | 0.000 | 0.000 | 0.001 | 0.0004 | 0.0000 | 0.0009 |
| GCP140B | 4,744,589.175 | 450,635.680 | 362.427 |  | 112-GCP140CK | -0.008 | -0.002 | -0.015 |        |        |        |       |       |       |        |        |        |
| GCP145  | 4,722,803.617 | 458,858.499 | 350.641 |  |              |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP145A | 4,722,803.617 | 458,858.506 | 350.650 |  | 112-GCP145   | 0.001  | 0.007  | 0.009  | 0.001  | 0.014  | 0.018  | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0002 | 0.0003 |
| GCP145B | 4,722,803.616 | 458,858.492 | 350.632 |  | 112-GCP145CK | 0.000  | -0.007 | -0.009 |        |        |        |       |       |       |        |        |        |
| GCP171  | 4,636,803.569 | 360,695.743 | 357.930 |  |              |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP171A | 4,636,803.584 | 360,695.745 | 357.950 |  | 112-GCP171   | 0.015  | 0.002  | 0.020  | 0.026  | -0.013 | 0.001  | 0.001 | 0.000 | 0.000 | 0.0008 | 0.0002 | 0.0000 |
| GCP171B | 4,636,803.566 | 360,695.726 | 357.891 |  | 112-GCP171CK | -0.003 | -0.017 | -0.039 |        |        |        |       |       |       |        |        |        |
| GCP171C | 4,636,803.558 | 360,695.758 | 357.949 |  | 112-CHECK    | -0.011 | 0.015  | 0.019  |        |        |        |       |       |       |        |        |        |
| GCP172  | 4,653,140.850 | 372,062.645 | 360.294 |  |              |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP172A | 4,653,140.847 | 372,062.637 | 360.300 |  | 112-GCP172   | -0.003 | -0.008 | 0.006  | -0.006 | -0.015 | 0.012  | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0002 | 0.0001 |
| GCP172B | 4,653,140.853 | 372,062.652 | 360.288 |  | 112-GCP172CK | 0.003  | 0.008  | -0.006 |        |        |        |       |       |       |        |        |        |
| GCP173  | 4,669,422.927 | 370,197.295 | 348.632 |  |              |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP173A | 4,669,422.923 | 370,197.294 | 348.627 |  | 112-GCP173   | -0.003 | -0.001 | -0.005 | -0.007 | -0.002 | -0.010 | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0000 | 0.0001 |
| GCP173B | 4,669,422.930 | 370,197.296 | 348.637 |  | 112-GCP173CK | 0.003  | 0.001  | 0.005  |        |        |        |       |       |       |        |        |        |
| GCP174  | 4,650,355.629 | 365,029.197 | 357.574 |  |              |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP174A | 4,650,355.633 | 365,029.195 | 357.563 |  | 112-GCP174   | 0.004  | -0.001 | -0.011 | 0.008  | -0.003 | -0.022 | 0.000 | 0.000 | 0.000 | 0.0001 | 0.0000 | 0.0006 |
| GCP174B | 4,650,355.625 | 365,029.198 | 357.585 |  | 112-GCP174CK | -0.004 | 0.002  | 0.011  |        |        |        |       |       |       |        |        |        |
| GCP175  | 4,634,153.878 | 371,207.502 | 339.416 |  |              |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP175A | 4,634,153.887 | 371,207.495 | 339.419 |  | 112-GCP175   | 0.009  | -0.007 | 0.004  | 0.018  | -0.013 | 0.007  | 0.000 | 0.000 | 0.000 | 0.0004 | 0.0002 | 0.0000 |
| GCP175B | 4,634,153.869 | 371,207.508 | 339.412 |  | 112-GCP175CK | -0.009 | 0.006  | -0.003 |        |        |        |       |       |       |        |        |        |
| GCP218  | 4,615,025.541 | 374,712.302 | 333.180 |  |              |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP218A | 4,615,025.552 | 374,712.297 | 333.180 |  | 112-GCP218   | 0.011  | -0.005 | 0.001  | 0.022  | -0.010 | 0.001  | 0.000 | 0.000 | 0.000 | 0.0006 | 0.0001 | 0.0000 |
| GCP218B | 4,615,025.530 | 374,712.307 | 333.179 |  | 112-GCP218CK | -0.011 | 0.005  | 0.000  |        |        |        |       |       |       |        |        |        |
| GCP221  | 4,615,118.944 | 356,393.969 | 428.809 |  |              |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP221A | 4,615,118.953 | 356,393.965 | 428.828 |  | 112-GCP221   | 0.009  | -0.004 | 0.019  | 0.019  | -0.008 | 0.039  | 0.000 | 0.000 | 0.002 | 0.0005 | 0.0001 | 0.0014 |
| GCP221B | 4,615,118.934 | 356,393.973 | 428.789 |  | 112-GCP221CK | -0.009 | 0.004  | -0.019 |        |        |        |       |       |       |        |        |        |
| GCP222  | 4,621,238.165 | 366,331.748 | 349.281 |  |              |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP222A | 4,621,238.177 | 366,331.754 | 349.295 |  | 112-GCP222   | 0.012  | 0.007  | 0.014  | 0.024  | 0.013  | 0.028  | 0.001 | 0.000 | 0.001 | 0.0007 | 0.0002 | 0.0007 |
| GCP222B | 4,621,238.153 | 366,331.741 | 349.267 |  | 112-GCP222CK | -0.012 | -0.007 | -0.014 |        |        |        |       |       |       |        |        |        |
| GCP39   | 4,707,673.016 | 469,038.712 | 338.906 |  |              |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP39A  | 4,707,673.018 | 469,038.713 | 338.899 |  | 112-GCP39    | 0.002  | 0.001  | -0.007 | 0.004  | 0.002  | -0.014 | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0000 | 0.0002 |
| GCP39B  | 4,707,673.014 | 469,038.711 | 338.913 |  | 112-GCP39CK  | -0.002 | -0.001 | 0.007  |        |        |        |       |       |       |        |        |        |
| GCP91   | 4,674,441.943 | 360,747.268 | 356.923 |  |              |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP91A  | 4,674,441.951 | 360,747.278 | 356.915 |  | 112-GCP91    | 0.008  | 0.010  | -0.007 | 0.016  | 0.020  | -0.015 | 0.000 | 0.000 | 0.000 | 0.0003 | 0.0004 | 0.0003 |
| GCP91B  | 4,674,441.935 | 360,747.258 | 356.930 |  | 112-GCP91CK  | -0.008 | -0.010 | 0.007  |        |        |        |       |       |       |        |        |        |
| GCP92   | 4,674,057.699 | 378,230.029 | 346.068 |  |              |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP92A  | 4,674,057.698 | 378,230.026 | 346.062 |  | 112-GCP92    | -0.001 | -0.003 | -0.006 | -0.001 | -0.006 | -0.012 | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0000 | 0.0002 |
| GCP92B  | 4,674,057.699 | 378,230.032 | 346.074 |  | 112-GCP92CK  | 0.001  | 0.003  | 0.006  |        |        |        |       |       |       |        |        |        |
| GCP93   | 4,673,807.670 | 397,447.165 | 341.114 |  |              |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP93A  | 4,673,807.667 | 397,447.168 | 341.117 |  | 112-GCP93    | -0.003 | 0.003  | 0.003  | -0.006 | 0.007  | 0.006  | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0000 | 0.0000 |
| GCP93B  | 4,673,807.673 | 397,447.161 | 341.111 |  | 112-GCP93CK  | 0.003  | -0.003 | -0.003 |        |        |        |       |       |       |        |        |        |
| GCP94   | 4,673,682.945 | 408,689.403 | 349.630 |  |              |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP94A  | 4,673,682.947 | 408,689.408 | 349.638 |  | 112-GCP94    | 0.002  | 0.006  | 0.008  | 0.004  | 0.011  | 0.016  | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0001 | 0.0002 |
| GCP94B  | 4,673,682.943 | 408,689.397 | 349.622 |  | 112-GCP94CK  | -0.002 | -0.005 | -0.008 |        |        |        |       |       |       |        |        |        |
| GCP105  | 4,701,322.981 | 349,905.293 | 371.789 |  |              |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP105A | 4,701,322.986 | 349,905.288 | 371.783 |  | 112-GCP105   | 0.005  | -0.005 | -0.006 | 0.011  | -0.010 | -0.012 | 0.000 | 0.000 | 0.000 | 0.0002 | 0.0001 | 0.0002 |
| GCP105B | 4,701,322.975 | 349,905.298 | 371.795 |  | 112-GCP105B  | -0.005 | 0.005  | 0.006  |        |        |        |       |       |       |        |        |        |
| GCP108  | 4,741,152.679 | 375,015.689 | 361.835 |  |              |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP108A | 4,741,152.678 | 375,015.687 | 361.822 |  | 112-GCP108A  | -0.001 | -0.002 | -0.013 | -0.002 | -0.003 | -0.026 | 0.000 | 0.000 | 0.001 | 0.0000 | 0.0000 | 0.0008 |
| GCP108B | 4,741,152.680 | 375,015.690 | 361.848 |  | 112-GCP108B  | 0.001  | 0.002  | 0.013  |        |        |        |       |       |       |        |        |        |
| GCP113  | 4,730,260.438 | 389,853.222 | 351.235 |  |              |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP113A | 4,730,260.436 | 389,853.209 | 351.240 |  | 112-GCP113A  | -0.002 | -0.013 | 0.005  | -0.004 | -0.025 | 0.011  | 0.000 | 0.001 | 0.000 | 0.0000 | 0.0006 | 0.0001 |
| GCP113B | 4,730,260.440 | 389,853.234 | 351.229 |  | 112-GCP113B  | 0.002  | 0.013  | -0.006 |        |        |        |       |       |       |        |        |        |
| GCP114  | 4,730,560.106 | 400,244.335 | 330.506 |  |              |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP114A | 4,730,560.115 | 400,244.335 | 330.516 |  | 112-GCP114A  | 0.009  | 0.000  | 0.010  | 0.018  | 0.000  | 0.020  | 0.000 | 0.000 | 0.000 | 0.0004 | 0.0000 | 0.0003 |
| GCP114B | 4,730,560.097 | 400,244.335 | 330.496 |  | 112-GCP114B  | -0.009 | 0.000  | -0.010 |        |        |        |       |       |       |        |        |        |
| GCP137  | 4,731,414.954 | 382,152.291 | 374.730 |  |              |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP137A | 4,731,414.960 | 382,152.287 | 374.742 |  | 112-GCP137A  | 0.007  | -0.004 | 0.012  | 0.013  | -0.008 | 0.024  | 0.000 | 0.000 | 0.001 | 0.0002 | 0.0001 | 0.0005 |
| GCP137B | 4,731,414.947 | 382,152.295 | 374.718 |  | 112-GCP137B  | -0.007 | 0.004  | -0.012 |        |        |        |       |       |       |        |        |        |
| GCP162  | 4,641,625.975 | 328,724.869 | 415.493 |  |              |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP162A | 4,641,625.970 | 328,724.854 | 415.480 |  | 112-GCP162A  | -0.005 | -0.014 | -0.013 | -0.010 | -0.029 | -0.026 | 0.000 | 0.001 | 0.001 | 0.0001 | 0.0008 | 0.0008 |
| GCP162B | 4,641,625.980 | 328,724.883 | 415.506 |  | 112-GCP162B  | 0.005  | 0.014  | 0.013  |        |        |        |       |       |       |        |        |        |
| GCP163  | 4,658,608.647 | 347,178.995 | 375.268 |  |              |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP163A | 4,658,608.646 | 347,178.993 | 375.279 |  | 112-GCP163A  | -0.001 | -0.002 | 0.011  | -0.001 | -0.003 | 0.022  | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0000 | 0.0004 |
| GCP163B | 4,658,608.647 | 347,178.996 | 375.257 |  | 112-GCP163B  | 0.001  | 0.001  | -0.011 |        |        |        |       |       |       |        |        |        |
| GCP164  | 4,671,842.612 | 336,594.222 | 421.055 |  |              |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP164A | 4,671,842.601 | 336,594.227 | 421.056 |  | 112-GCP164A  | -0.011 | 0.006  | 0.002  | -0.021 | 0.011  | 0.003  | 0.000 | 0.000 | 0.000 | 0.0004 | 0.0001 | 0.0000 |
| GCP164B | 4,671,842.622 | 336,594.216 | 421.053 |  | 112-GCP164B  | 0.010  | -0.005 | -0.001 |        |        |        |       |       |       |        |        |        |
| GCP165  | 4,661,456.891 | 330,773.213 | 438.114 |  |              |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP165A | 4,661,456.890 | 330,773.215 | 438.126 |  | 112-GCP165A  | -0.001 | 0.002  | 0.012  | -0.001 | 0.004  | 0.025  | 0.000 | 0.000 | 0.001 | 0.0000 | 0.0000 | 0.0006 |
| GCP165B | 4,661,456.891 | 330,773.211 | 438.101 |  | 112-GCP165B  | 0.001  | -0.002 | -0.012 |        |        |        |       |       |       |        |        |        |
| GCP166  | 4,642,558.654 | 338,988.853 | 441.339 |  |              |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP166A | 4,642,558.651 | 338,988.849 | 441.335 |  | 112-GCP166A  | -0.003 | -0.004 | -0.004 | -0.006 | -0.007 | -0.008 | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0000 | 0.0001 |
| GCP166B | 4,642,558.657 | 338,988.856 | 441.343 |  | 112-GCP166B  | 0.003  | 0.003  | 0.004  |        |        |        |       |       |       |        |        |        |
| GCP167  | 4,660,247.532 | 342,515.844 | 382.002 |  |              |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP167A | 4,660,247.533 | 342,515.809 | 381.966 |  | 112-GCP167A  | 0.001  | -0.035 | -0.036 | 0.005  | 0.006  | 0.024  | 0.000 | 0.000 | 0.001 | 0.0001 | 0.0000 | 0.0005 |
| GCP16   |               |             |         |  |              |        |        |        |        |        |        |       |       |       |        |        |        |







|         |               |             |         |  |  |  |                   |        |        |        |        |        |        |       |       |       |        |        |        |
|---------|---------------|-------------|---------|--|--|--|-------------------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|--------|--------|
|         |               |             |         |  |  |  |                   |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP82   | 4,747,364.327 | 337,792.480 | 424.600 |  |  |  |                   |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP82A  | 4,747,364.318 | 337,792.476 | 424.604 |  |  |  | 112-COR WALK      | -0.009 | -0.003 | 0.004  | -0.018 | -0.007 | 0.008  | 0.000 | 0.000 | 0.000 | 0.0002 | 0.0000 | 0.0000 |
| GCP82B  | 4,747,364.336 | 337,792.483 | 424.596 |  |  |  | 112-GCP82ACK      | 0.009  | 0.003  | -0.004 |        |        |        |       |       |       |        |        |        |
| GCP83   | 4,735,028.566 | 329,547.861 | 392.501 |  |  |  |                   |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP83A  | 4,735,028.557 | 329,547.857 | 392.512 |  |  |  | 112-SE COR STRIPE | -0.009 | -0.004 | 0.011  | -0.018 | -0.008 | 0.022  | 0.000 | 0.000 | 0.000 | 0.0002 | 0.0001 | 0.0004 |
| GCP83B  | 4,735,028.575 | 329,547.865 | 392.490 |  |  |  | 112-GCP83ACK      | 0.009  | 0.004  | -0.011 |        |        |        |       |       |       |        |        |        |
| GCP134  | 4,786,080.901 | 384,186.764 | 380.217 |  |  |  |                   |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP134A | 4,786,080.899 | 384,186.765 | 380.219 |  |  |  | 112-NE CRNR       | -0.001 | 0.002  | 0.002  | -0.003 | 0.003  | 0.004  | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0000 | 0.0000 |
| GCP134B | 4,786,080.902 | 384,186.762 | 380.215 |  |  |  | 112-NE CRNR       | 0.002  | -0.002 | -0.002 |        |        |        |       |       |       |        |        |        |
| GCP136  | 4,810,466.230 | 342,478.949 | 457.107 |  |  |  |                   |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP136A | 4,810,466.228 | 342,478.958 | 457.122 |  |  |  | 112-NE STRPE      | -0.002 | 0.009  | 0.015  | -0.004 | 0.019  | 0.030  | 0.000 | 0.000 | 0.001 | 0.0000 | 0.0004 | 0.0008 |
| GCP136B | 4,810,466.232 | 342,478.939 | 457.092 |  |  |  | 112-NW STRPE      | 0.002  | -0.009 | -0.015 |        |        |        |       |       |       |        |        |        |
| GCP13   | 4,808,862.299 | 277,075.360 | 461.563 |  |  |  |                   |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP13A  | 4,808,862.303 | 277,075.360 | 461.559 |  |  |  | 112-RR"X"         | 0.004  | 0.000  | -0.003 | 0.008  | 0.000  | -0.007 | 0.000 | 0.000 | 0.000 | 0.0001 | 0.0000 | 0.0001 |
| GCP13B  | 4,808,862.295 | 277,075.360 | 461.566 |  |  |  | 112-RR"X"         | -0.004 | 0.000  | 0.003  |        |        |        |       |       |       |        |        |        |
| GCP14   | 4,799,800.965 | 269,494.278 | 457.972 |  |  |  |                   |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP14A  | 4,799,800.967 | 269,494.277 | 457.968 |  |  |  | 112-SE CRNR       | 0.002  | 0.000  | -0.003 | 0.004  | -0.001 | -0.007 | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0000 | 0.0001 |
| GCP14B  | 4,799,800.963 | 269,494.278 | 457.975 |  |  |  | 112-SE CRNR       | -0.002 | 0.001  | 0.004  |        |        |        |       |       |       |        |        |        |
| GCP15   | 4,817,881.050 | 286,249.259 | 486.555 |  |  |  |                   |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP15A  | 4,817,881.048 | 286,249.261 | 486.561 |  |  |  | 112-NW CRNR       | -0.001 | 0.003  | 0.007  | -0.003 | 0.005  | 0.013  | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0000 | 0.0001 |
| GCP15B  | 4,817,881.051 | 286,249.256 | 486.548 |  |  |  | 112-NW CRNR       | 0.002  | -0.003 | -0.006 |        |        |        |       |       |       |        |        |        |
| GCP16   | 4,810,337.523 | 294,806.175 | 472.831 |  |  |  |                   |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP16A  | 4,810,337.514 | 294,806.168 | 472.840 |  |  |  | 112-SE CRNR       | -0.009 | -0.007 | 0.009  | -0.017 | -0.014 | 0.018  | 0.000 | 0.000 | 0.000 | 0.0002 | 0.0002 | 0.0003 |
| GCP16B  | 4,810,337.531 | 294,806.182 | 472.822 |  |  |  | 112-SE CRNR       | 0.008  | 0.007  | -0.009 |        |        |        |       |       |       |        |        |        |
| GCP17   | 4,800,033.425 | 304,342.846 | 449.154 |  |  |  |                   |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP17A  | 4,800,033.427 | 304,342.847 | 449.162 |  |  |  | 112-CNTR STRIPE   | 0.003  | 0.002  | 0.008  | 0.005  | 0.003  | 0.016  | 0.000 | 0.000 | 0.000 | 0.0001 | 0.0000 | 0.0002 |
| GCP17B  | 4,800,033.422 | 304,342.844 | 449.146 |  |  |  | 112-CNTR STRIPE   | -0.002 | -0.002 | -0.008 |        |        |        |       |       |       |        |        |        |
| GCP18   | 4,803,583.787 | 327,040.600 | 430.630 |  |  |  |                   |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP18A  | 4,803,583.779 | 327,040.605 | 430.639 |  |  |  | 112-ARROW PNT     | -0.008 | 0.005  | 0.010  | -0.016 | 0.011  | 0.019  | 0.000 | 0.000 | 0.000 | 0.0002 | 0.0001 | 0.0003 |
| GCP18B  | 4,803,583.795 | 327,040.594 | 430.620 |  |  |  | 112-ARROW PNT     | 0.008  | -0.006 | -0.010 |        |        |        |       |       |       |        |        |        |
| GCP19   | 4,795,996.305 | 288,792.550 | 480.014 |  |  |  |                   |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP19A  | 4,795,996.305 | 288,792.545 | 480.013 |  |  |  | 112-NW CRNR       | 0.000  | -0.004 | -0.001 | 0.000  | -0.009 | -0.001 | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0001 | 0.0000 |
| GCP19B  | 4,795,996.305 | 288,792.554 | 480.014 |  |  |  | 112-NW CRNR       | 0.000  | 0.005  | 0.000  |        |        |        |       |       |       |        |        |        |
| GCP20   | 4,813,940.833 | 312,197.176 | 455.685 |  |  |  |                   |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP20A  | 4,813,940.826 | 312,197.173 | 455.682 |  |  |  | 112-NE CRNR       | -0.006 | -0.003 | -0.003 | -0.013 | -0.006 | -0.006 | 0.000 | 0.000 | 0.000 | 0.0001 | 0.0000 | 0.0001 |
| GCP20B  | 4,813,940.839 | 312,197.179 | 455.688 |  |  |  | 112-NE CRNR       | 0.007  | 0.003  | 0.003  |        |        |        |       |       |       |        |        |        |
| GCP21   | 4,799,765.580 | 314,413.118 | 453.071 |  |  |  |                   |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP21A  | 4,799,765.579 | 314,413.125 | 453.071 |  |  |  | 112-STP BAR       | -0.001 | 0.007  | 0.000  | -0.001 | 0.014  | 0.000  | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0002 | 0.0000 |
| GCP21B  | 4,799,765.580 | 314,413.111 | 453.071 |  |  |  | 112-STP BAR       | 0.001  | -0.007 | 0.000  |        |        |        |       |       |       |        |        |        |
| GCP22   | 4,812,517.347 | 331,511.991 | 437.686 |  |  |  |                   |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP22A  | 4,812,517.347 | 331,511.995 | 437.689 |  |  |  | 112-STP BAR       | 0.000  | 0.005  | 0.003  | 0.000  | 0.009  | 0.007  | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0001 | 0.0000 |
| GCP22B  | 4,812,517.347 | 331,511.986 | 437.682 |  |  |  | 112-STP BAR       | 0.000  | -0.004 | -0.004 |        |        |        |       |       |       |        |        |        |
| GCP234  | 4,787,644.447 | 415,409.243 | 353.621 |  |  |  |                   |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP234A | 4,787,644.447 | 415,409.240 | 353.636 |  |  |  | 112-NE CRNR       | 0.000  | -0.003 | 0.015  | 0.000  | -0.005 | 0.030  | 0.000 | 0.000 | 0.001 | 0.0000 | 0.0000 | 0.0008 |
| GCP234B | 4,787,644.447 | 415,409.245 | 353.606 |  |  |  | 112-NE CRNR       | 0.000  | 0.003  | -0.015 |        |        |        |       |       |       |        |        |        |
| GCP235  | 4,803,282.772 | 411,273.028 | 348.154 |  |  |  |                   |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP235A | 4,803,282.764 | 411,273.027 | 348.152 |  |  |  | 112-NW SIDEWLK    | -0.008 | -0.001 | -0.002 | -0.016 | -0.002 | -0.003 | 0.000 | 0.000 | 0.000 | 0.0002 | 0.0000 | 0.0000 |
| GCP235B | 4,803,282.780 | 411,273.029 | 348.155 |  |  |  | 112-NW SIDEWLK    | 0.008  | 0.001  | 0.001  |        |        |        |       |       |       |        |        |        |
| GCP236  | 4,815,959.365 | 388,078.855 | 366.994 |  |  |  |                   |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP236A | 4,815,959.356 | 388,078.857 | 366.991 |  |  |  | 112-STP BAR       | -0.009 | 0.003  | -0.003 | -0.018 | 0.005  | -0.006 | 0.000 | 0.000 | 0.000 | 0.0002 | 0.0000 | 0.0001 |
| GCP236B | 4,815,959.374 | 388,078.852 | 366.997 |  |  |  | 112-STP BAR       | 0.009  | -0.003 | 0.003  |        |        |        |       |       |       |        |        |        |
| GCP238  | 4,794,097.124 | 401,412.681 | 358.378 |  |  |  |                   |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP238A | 4,794,097.126 | 401,412.684 | 358.372 |  |  |  | 112-NW CRNR       | 0.002  | 0.003  | -0.006 | 0.004  | 0.006  | -0.012 | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0000 | 0.0002 |
| GCP238B | 4,794,097.122 | 401,412.678 | 358.384 |  |  |  | 112-NW CRNR       | -0.002 | -0.003 | 0.006  |        |        |        |       |       |       |        |        |        |
| GCP239  | 4,819,097.295 | 273,502.221 | 473.786 |  |  |  |                   |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP239A | 4,819,097.297 | 273,502.222 | 473.791 |  |  |  | 112-NE CRNR       | 0.002  | 0.001  | 0.006  | 0.005  | 0.002  | 0.011  | 0.000 | 0.000 | 0.000 | 0.0001 | 0.0000 | 0.0001 |
| GCP239B | 4,819,097.292 | 273,502.220 | 473.780 |  |  |  | 112-NE CRNR       | -0.003 | -0.001 | -0.005 |        |        |        |       |       |       |        |        |        |
| GCP23   | 4,783,625.995 | 318,767.110 | 410.830 |  |  |  |                   |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP23A  | 4,783,626.000 | 318,767.111 | 410.827 |  |  |  | 112-NE CRNR       | 0.005  | 0.001  | -0.003 | 0.010  | 0.003  | -0.006 | 0.000 | 0.000 | 0.000 | 0.0002 | 0.0000 | 0.0001 |
| GCP23B  | 4,783,625.990 | 318,767.108 | 410.833 |  |  |  | 112-SE CRNR       | -0.005 | -0.002 | 0.003  |        |        |        |       |       |       |        |        |        |
| GCP240  | 4,795,369.320 | 298,163.714 | 433.985 |  |  |  |                   |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP240A | 4,795,369.318 | 298,163.712 | 433.988 |  |  |  | 112-STRIPE        | -0.002 | -0.002 | 0.003  | -0.003 | -0.004 | 0.007  | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0000 | 0.0000 |
| GCP240B | 4,795,369.321 | 298,163.716 | 433.981 |  |  |  | 112-STRIPE        | 0.002  | 0.002  | -0.004 |        |        |        |       |       |       |        |        |        |
| GCP24   | 4,810,370.183 | 323,462.692 | 435.401 |  |  |  |                   |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP24A  | 4,810,370.185 | 323,462.705 | 435.397 |  |  |  | 112-ARROW PNT     | 0.002  | 0.013  | -0.003 | 0.004  | 0.026  | -0.007 | 0.000 | 0.001 | 0.000 | 0.0000 | 0.0007 | 0.0001 |
| GCP24B  | 4,810,370.181 | 323,462.679 | 435.404 |  |  |  | 112-ARROW PNT     | -0.002 | -0.013 | 0.004  |        |        |        |       |       |       |        |        |        |
| GCP25   | 4,781,021.230 | 311,044.669 | 413.445 |  |  |  |                   |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP25A  | 4,781,021.234 | 311,044.671 | 413.443 |  |  |  | 112-SW CRNR       | 0.004  | 0.002  | -0.002 | 0.008  | 0.004  | -0.004 | 0.000 | 0.000 | 0.000 | 0.0001 | 0.0000 | 0.0000 |
| GCP25B  | 4,781,021.226 | 311,044.667 | 413.447 |  |  |  | 112-SW CRNR       | -0.004 | -0.002 | 0.002  |        |        |        |       |       |       |        |        |        |
| GCP30   | 4,777,698.365 | 335,387.728 | 409.308 |  |  |  |                   |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP30A  | 4,777,698.372 | 335,387.721 | 409.313 |  |  |  | 112-STP BAR       | 0.007  | -0.007 | 0.005  | 0.014  | -0.013 | 0.011  | 0.000 | 0.000 | 0.000 | 0.0003 | 0.0002 | 0.0001 |
| GCP30B  | 4,777,698.358 | 335,387.734 | 409.302 |  |  |  | 112-STP BAR       | -0.007 | 0.006  | -0.005 |        |        |        |       |       |       |        |        |        |
| GCP46   | 4,806,368.267 | 373,841.494 | 387.675 |  |  |  |                   |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP46A  | 4,806,368.265 | 373,841.491 | 387.666 |  |  |  | 112-CNTR STRPE    | -0.002 | -0.003 | -0.009 | -0.004 | -0.006 | -0.018 | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0000 | 0.0004 |
| GCP46B  | 4,806,368.269 | 373,841.497 | 387.684 |  |  |  | 112-CNTR STRPE    | 0.002  | 0.003  | 0.009  |        |        |        |       |       |       |        |        |        |
| GCP47   | 4,786,200.739 | 392,411.479 | 370.395 |  |  |  |                   |        |        |        |        |        |        |       |       |       |        |        |        |
| GCP47A  | 4,786,200.742 | 392,411.478 | 370.394 |  |  |  | 112-NE CRNR       | 0.003  | -0.001 | -0.001 |        |        |        |       |       |       |        |        |        |



|         |               |             |         |  |                                      |        |        |        |        |        |        |       |       |       |        |        |        |  |  |
|---------|---------------|-------------|---------|--|--------------------------------------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|--------|--------|--|--|
| GCP189B | 4,658,760.028 | 549,931.739 | 267.113 |  | 112-GCP189CK                         | 0.003  | -0.005 | -0.003 |        |        |        |       |       |       |        |        |        |  |  |
| GCP190  | 4,669,189.332 | 539,331.650 | 294.449 |  |                                      |        |        |        |        |        |        |       |       |       |        |        |        |  |  |
| GCP190A | 4,669,189.335 | 539,331.663 | 294.452 |  | 112-GCP190 MAG NAIL CORN STRIPING    | 0.004  | 0.013  | 0.004  | 0.007  | 0.027  | 0.007  | 0.000 | 0.001 | 0.000 | 0.0001 | 0.0007 | 0.0000 |  |  |
| GCP190B | 4,669,189.328 | 539,331.636 | 294.445 |  | 112-GCP190CK                         | -0.003 | -0.014 | -0.003 |        |        |        |       |       |       |        |        |        |  |  |
| GCP191  | 4,640,016.133 | 554,511.056 | 248.719 |  |                                      |        |        |        |        |        |        |       |       |       |        |        |        |  |  |
| GCP191A | 4,640,016.137 | 554,511.050 | 248.725 |  | 112-GCP191 MAG NAIL CORN STRIPING    | 0.004  | -0.006 | 0.006  | 0.008  | -0.012 | 0.013  | 0.000 | 0.000 | 0.000 | 0.0001 | 0.0001 | 0.0001 |  |  |
| GCP191B | 4,640,016.129 | 554,511.062 | 248.712 |  | 112-GCP191CK                         | -0.004 | 0.006  | -0.007 |        |        |        |       |       |       |        |        |        |  |  |
| GCP228  | 4,807,061.179 | 448,693.689 | 395.950 |  |                                      |        |        |        |        |        |        |       |       |       |        |        |        |  |  |
| GCP228A | 4,807,061.181 | 448,693.689 | 395.947 |  | 112-GCP228 MAG NAIL CORN SB          | 0.002  | 0.000  | -0.002 | 0.004  | 0.000  | -0.005 | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0000 | 0.0000 |  |  |
| GCP228B | 4,807,061.177 | 448,693.689 | 395.952 |  | 112-GCP228CK                         | -0.002 | 0.000  | 0.002  |        |        |        |       |       |       |        |        |        |  |  |
| GCP229  | 4,790,893.426 | 466,035.086 | 368.924 |  |                                      |        |        |        |        |        |        |       |       |       |        |        |        |  |  |
| GCP229A | 4,790,893.426 | 466,035.078 | 368.928 |  | 112-GCP229 MAG NAIL CORN STRIP       | 0.000  | -0.008 | 0.005  | 0.000  | -0.015 | 0.009  | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0002 | 0.0001 |  |  |
| GCP229B | 4,790,893.426 | 466,035.093 | 368.919 |  | 112-GCP229CK                         | 0.000  | 0.008  | -0.005 |        |        |        |       |       |       |        |        |        |  |  |
| GCP237  | 4,813,643.730 | 437,496.897 | 376.064 |  |                                      |        |        |        |        |        |        |       |       |       |        |        |        |  |  |
| GCP237A | 4,813,643.720 | 437,496.897 | 376.052 |  | 112-GCP237 MAG NAIL CORN STRIP       | -0.009 | 0.000  | -0.012 | -0.019 | 0.001  | -0.024 | 0.000 | 0.000 | 0.001 | 0.0003 | 0.0000 | 0.0006 |  |  |
| GCP237B | 4,813,643.739 | 437,496.896 | 376.076 |  | 112-GCP237CK                         | 0.010  | -0.001 | 0.012  |        |        |        |       |       |       |        |        |        |  |  |
| GCP243  | 4,792,588.232 | 484,041.993 | 361.607 |  |                                      |        |        |        |        |        |        |       |       |       |        |        |        |  |  |
| GCP243A | 4,792,588.231 | 484,041.993 | 361.595 |  | 112-CP243 CORN SW                    | -0.001 | 0.000  | -0.012 | -0.001 | 0.000  | -0.024 | 0.000 | 0.000 | 0.001 | 0.0000 | 0.0000 | 0.0006 |  |  |
| GCP243B | 4,792,588.232 | 484,041.993 | 361.619 |  | 112-GCP243CK                         | 0.001  | 0.000  | 0.012  |        |        |        |       |       |       |        |        |        |  |  |
| GCP248  | 4,670,194.305 | 523,640.140 | 300.724 |  |                                      |        |        |        |        |        |        |       |       |       |        |        |        |  |  |
| GCP248A | 4,670,194.312 | 523,640.126 | 300.730 |  | 112-GCP148 CORN SW                   | 0.007  | -0.014 | 0.007  | 0.014  | -0.028 | 0.013  | 0.000 | 0.001 | 0.000 | 0.0003 | 0.0008 | 0.0001 |  |  |
| GCP248B | 4,670,194.298 | 523,640.154 | 300.717 |  | 112-GCP248CK                         | -0.007 | 0.014  | -0.007 |        |        |        |       |       |       |        |        |        |  |  |
| GCP250  | 4,724,439.414 | 489,379.730 | 337.308 |  |                                      |        |        |        |        |        |        |       |       |       |        |        |        |  |  |
| GCP250A | 4,724,439.413 | 489,379.727 | 337.321 |  | 112-GCP250 MAG NAIL CORN SB          | -0.001 | -0.003 | 0.013  | -0.001 | -0.005 | 0.026  | 0.000 | 0.000 | 0.001 | 0.0000 | 0.0000 | 0.0006 |  |  |
| GCP250B | 4,724,439.414 | 489,379.732 | 337.295 |  | 112-GCP250CK                         | 0.001  | 0.003  | -0.013 |        |        |        |       |       |       |        |        |        |  |  |
| GCP37   | 4,750,737.598 | 460,966.260 | 387.922 |  |                                      |        |        |        |        |        |        |       |       |       |        |        |        |  |  |
| GCP37A  | 4,750,737.589 | 460,966.268 | 387.919 |  | 112-GCP37 MAGNAIL CORN STRIP MOVED S | -0.009 | 0.008  | -0.003 | -0.017 | 0.017  | -0.006 | 0.000 | 0.000 | 0.000 | 0.0002 | 0.0003 | 0.0001 |  |  |
| GCP37B  | 4,750,737.606 | 460,966.251 | 387.925 |  | 112-GCP37CK                          | 0.008  | -0.008 | 0.003  |        |        |        |       |       |       |        |        |        |  |  |
| GCP38   | 4,750,536.577 | 483,500.298 | 336.436 |  |                                      |        |        |        |        |        |        |       |       |       |        |        |        |  |  |
| GCP38A  | 4,750,536.582 | 483,500.294 | 336.440 |  | 112-GCP38 MAG NAIL CORN STRIP        | 0.005  | -0.003 | 0.004  | 0.010  | -0.007 | 0.008  | 0.000 | 0.000 | 0.000 | 0.0002 | 0.0000 | 0.0000 |  |  |
| GCP38B  | 4,750,536.572 | 483,500.301 | 336.432 |  | 112-GCP38CK                          | -0.005 | 0.003  | -0.004 |        |        |        |       |       |       |        |        |        |  |  |
| GCP52   | 4,807,643.634 | 456,736.290 | 392.600 |  |                                      |        |        |        |        |        |        |       |       |       |        |        |        |  |  |
| GCP52A  | 4,807,643.629 | 456,736.282 | 392.601 |  | 112-GCP52 MAG NAIL CORN STRIP        | -0.005 | -0.008 | 0.001  | -0.010 | -0.015 | 0.002  | 0.000 | 0.000 | 0.000 | 0.0001 | 0.0002 | 0.0000 |  |  |
| GCP52B  | 4,807,643.639 | 456,736.297 | 392.599 |  | 112-GCP52CK                          | 0.005  | 0.008  | -0.001 |        |        |        |       |       |       |        |        |        |  |  |
| GCP53   | 4,776,553.306 | 468,383.039 | 374.679 |  |                                      |        |        |        |        |        |        |       |       |       |        |        |        |  |  |
| GCP53A  | 4,776,553.302 | 468,383.046 | 374.663 |  | 112-GCP53 CORN SW                    | -0.004 | 0.007  | -0.016 | -0.008 | 0.015  | -0.032 | 0.000 | 0.000 | 0.001 | 0.0000 | 0.0002 | 0.0011 |  |  |
| GCP53B  | 4,776,553.310 | 468,383.031 | 374.695 |  | 112-GCP53CK                          | 0.004  | -0.008 | 0.016  |        |        |        |       |       |       |        |        |        |  |  |
| GCP54   | 4,810,187.724 | 476,455.729 | 384.439 |  |                                      |        |        |        |        |        |        |       |       |       |        |        |        |  |  |
| GCP54A  | 4,810,187.731 | 476,455.723 | 384.430 |  | 112-GCP54 CORN STRIP                 | 0.007  | -0.006 | -0.009 | 0.014  | -0.012 | -0.018 | 0.000 | 0.000 | 0.000 | 0.0003 | 0.0001 | 0.0004 |  |  |
| GCP54B  | 4,810,187.717 | 476,455.735 | 384.448 |  | 112-GCP54CK                          | -0.007 | 0.006  | 0.009  |        |        |        |       |       |       |        |        |        |  |  |
| GCP55   | 4,777,396.907 | 486,513.251 | 328.625 |  |                                      |        |        |        |        |        |        |       |       |       |        |        |        |  |  |
| GCP55A  | 4,777,396.904 | 486,513.250 | 328.614 |  | 112-GCP55 CORN STRIP                 | -0.003 | -0.001 | -0.011 | -0.005 | -0.002 | -0.021 | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0000 | 0.0005 |  |  |
| GCP55B  | 4,777,396.909 | 486,513.252 | 328.635 |  | 112-GCP55CK                          | 0.002  | 0.001  | 0.010  |        |        |        |       |       |       |        |        |        |  |  |
| GCP151  | 4,695,081.061 | 494,788.890 | 308.494 |  |                                      |        |        |        |        |        |        |       |       |       |        |        |        |  |  |
| GCP151A | 4,695,081.066 | 494,788.876 | 308.516 |  | 112-END PAINT STRIPE                 | 0.005  | -0.014 | 0.022  | 0.011  | -0.028 | 0.044  | 0.000 | 0.001 | 0.002 | 0.0002 | 0.0008 | 0.0018 |  |  |
| GCP151B | 4,695,081.055 | 494,788.904 | 308.472 |  | 112-END PAINTED STRIPE               | -0.005 | 0.014  | -0.022 |        |        |        |       |       |       |        |        |        |  |  |
| GCP151C | 4,695,081.046 | 494,788.879 | 308.446 |  | 112-GCP151CK                         | -0.014 | -0.011 | -0.048 |        |        |        |       |       |       |        |        |        |  |  |
| GCP155  | 4,728,785.581 | 534,217.016 | 276.614 |  |                                      |        |        |        |        |        |        |       |       |       |        |        |        |  |  |
| GCP155A | 4,728,785.588 | 534,217.005 | 276.613 |  | 112-END STOP BAR                     | 0.008  | -0.011 | 0.000  | 0.015  | -0.022 | -0.001 | 0.000 | 0.000 | 0.000 | 0.0003 | 0.0005 | 0.0000 |  |  |
| GCP155B | 4,728,785.573 | 534,217.027 | 276.614 |  | 112-COR STOP BAR                     | -0.008 | 0.011  | 0.000  |        |        |        |       |       |       |        |        |        |  |  |
| GCP156  | 4,737,342.103 | 527,299.489 | 285.595 |  |                                      |        |        |        |        |        |        |       |       |       |        |        |        |  |  |
| GCP156A | 4,737,342.111 | 527,299.480 | 285.596 |  | 112-INT YELLOW LINES                 | 0.008  | -0.009 | 0.001  | 0.016  | -0.018 | 0.003  | 0.000 | 0.000 | 0.000 | 0.0003 | 0.0003 | 0.0000 |  |  |
| GCP156B | 4,737,342.095 | 527,299.498 | 285.593 |  | 112-INT YELLOW LINES                 | -0.008 | 0.009  | -0.002 |        |        |        |       |       |       |        |        |        |  |  |
| GCP158  | 4,732,489.854 | 521,950.949 | 315.278 |  |                                      |        |        |        |        |        |        |       |       |       |        |        |        |  |  |
| GCP158A | 4,732,489.843 | 521,950.948 | 315.279 |  | 112-STOP BAR @ WHITE LINE            | -0.011 | -0.001 | 0.001  | -0.022 | -0.001 | 0.002  | 0.000 | 0.000 | 0.000 | 0.0004 | 0.0000 | 0.0000 |  |  |
| GCP158B | 4,732,489.865 | 521,950.949 | 315.277 |  | 112-INT STOP BAR & WHITE LINE        | 0.011  | 0.001  | -0.001 |        |        |        |       |       |       |        |        |        |  |  |
| GCP160  | 4,689,923.251 | 518,623.162 | 313.781 |  |                                      |        |        |        |        |        |        |       |       |       |        |        |        |  |  |
| GCP160A | 4,689,923.254 | 518,623.154 | 313.782 |  | 112-INTER SIDEWALK                   | 0.003  | -0.008 | 0.002  | 0.007  | -0.015 | 0.003  | 0.000 | 0.000 | 0.000 | 0.0001 | 0.0002 | 0.0000 |  |  |
| GCP160B | 4,689,923.247 | 518,623.169 | 313.779 |  | 112-INT S/W                          | -0.003 | 0.008  | -0.001 |        |        |        |       |       |       |        |        |        |  |  |
| GCP161  | 4,701,792.814 | 532,273.841 | 306.992 |  |                                      |        |        |        |        |        |        |       |       |       |        |        |        |  |  |
| GCP161A | 4,701,792.820 | 532,273.842 | 307.001 |  | 112-INTER SIDEWALK                   | 0.006  | 0.001  | 0.010  | 0.012  | 0.002  | 0.019  | 0.000 | 0.000 | 0.000 | 0.0002 | 0.0000 | 0.0003 |  |  |
| GCP161B | 4,701,792.808 | 532,273.840 | 306.982 |  | 112-INT S/W                          | -0.006 | -0.001 | -0.009 |        |        |        |       |       |       |        |        |        |  |  |
| GCP242  | 4,802,869.911 | 506,701.348 | 358.948 |  |                                      |        |        |        |        |        |        |       |       |       |        |        |        |  |  |
| GCP242A | 4,802,869.907 | 506,701.347 | 358.952 |  | 112-INT S/W                          | -0.004 | -0.001 | 0.005  | -0.008 | -0.002 | 0.009  | 0.000 | 0.000 | 0.000 | 0.0000 | 0.0000 | 0.0001 |  |  |
| GCP242B | 4,802,869.915 | 506,701.349 | 358.943 |  | 112-INT S/W                          | 0.004  | 0.001  | -0.005 |        |        |        |       |       |       |        |        |        |  |  |
| GCP249  | 4,697,987.776 | 505,758.029 | 325.578 |  |                                      |        |        |        |        |        |        |       |       |       |        |        |        |  |  |
| GCP249A | 4,697,987.783 | 505,758.031 | 325.580 |  | 112-END STOP BAR                     | 0.008  | 0.002  | 0.002  | 0.015  | 0.004  | 0.005  | 0.000 | 0.000 | 0.000 | 0.0003 | 0.0000 | 0.0000 |  |  |



# Attachment D

**Points Listing - NVA's**  
Iowa Aerial Control Points  
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| <b>Point Number</b> | <b>Northing</b> | <b>Easting</b> | <b>Elevation</b> | <b>Point Code</b> | <b>Description</b>     |
|---------------------|-----------------|----------------|------------------|-------------------|------------------------|
| NVA01               | 4819828.14      | 283102.91      | 504.93           | 112               | NW CRNR                |
| NVA02               | 4809453.76      | 278082.80      | 469.38           | 112               | NE CRNR                |
| NVA03               | 4794885.81      | 272287.36      | 439.01           | 112               | STP BAR                |
| NVA04               | 4796015.20      | 288533.99      | 480.67           | 112               | SW CRNR                |
| NVA05               | 4812840.87      | 268474.64      | 468.18           | 112               | NW CRNR                |
| NVA06               | 4809786.42      | 294763.38      | 478.02           | 112               | NE CRNR                |
| NVA07               | 4813030.67      | 303059.22      | 472.94           | 112               | SW CRNR                |
| NVA08               | 4819258.13      | 299787.31      | 481.20           | 112               | SE CRNR                |
| NVA09               | 4800309.16      | 296858.89      | 448.78           | 112               | NE CRNR                |
| NVA10               | 4813940.83      | 312197.18      | 455.69           | 112               | NE CRNR                |
| NVA11               | 4809978.39      | 329809.73      | 447.32           | 112               | STP BAR                |
| NVA12               | 4798912.29      | 325693.21      | 437.03           | 112               | STP BAR                |
| NVA13               | 4781920.57      | 321423.32      | 406.31           | 112               | NW CRNR                |
| NVA14               | 4810471.11      | 342272.10      | 454.03           | 112               | NW STRPE               |
| NVA15               | 4818743.25      | 324173.92      | 445.34           | 112               | STP BAR                |
| NVA16               | 4806979.86      | 351261.46      | 395.64           | 112               | SW COR STOP BAR        |
| NVA17               | 4806019.10      | 362431.84      | 395.30           | 112               | NW COR STRIPE          |
| NVA18               | 4805892.49      | 380106.82      | 382.45           | 112               | PRK STRPE              |
| NVA19               | 4813759.61      | 369321.91      | 393.36           | 112               | COR STRIPE             |
| NVA20               | 4795559.55      | 354773.64      | 395.63           | 112               | SW COR STRIPE          |
| NVA21               | 4794628.27      | 377436.76      | 391.17           | 112               | NW CRNR                |
| NVA22               | 4799972.16      | 306426.60      | 444.80           | 112               | STP BAR                |
| NVA23               | 4793424.97      | 311025.55      | 436.04           | 112               | NW STRPE               |
| NVA24               | 4804604.10      | 314572.16      | 449.61           | 112               | STP BAR                |
| NVA25               | 4818384.53      | 338757.25      | 441.54           | 112               | SW STRPE               |
| NVA26               | 4796670.98      | 339963.11      | 436.98           | 112               | SE COR STOP BAR        |
| NVA27               | 4789866.34      | 325502.46      | 439.79           | 112               | NE CRNR                |
| NVA28               | 4802429.83      | 335273.50      | 450.83           | 112               | NE STRIPE              |
| NVA29               | 4816728.35      | 355045.81      | 409.42           | 112               | COR STOP BAR AT STRIPE |
| NVA30               | 4814563.52      | 378497.73      | 382.56           | 112               | NE CRNR                |
| NVA31               | 4801676.13      | 368717.19      | 391.35           | 112               | COR STRIPE             |
| NVA32               | 4794442.14      | 368564.24      | 386.07           | 112               | STRIPE AT CRACK        |
| NVA33               | 4804544.21      | 387894.24      | 369.40           | 112               | STP BAR                |
| NVA34               | 4804260.34      | 401476.01      | 356.94           | 112               | NE CRNR                |
| NVA35               | 4815944.16      | 389693.89      | 361.84           | 112               | NW CRNR                |
| NVA36               | 4815769.73      | 399225.37      | 350.11           | 112               | SE CRNR                |
| NVA37               | 4808303.33      | 406260.09      | 351.38           | 112               | STP BAR                |
| NVA38               | 4817436.94      | 412089.97      | 346.22           | 112               | NE CRNR                |
| NVA39               | 4785385.08      | 384371.83      | 380.90           | 112               | STP BAR                |
| NVA40               | 4796290.79      | 401348.63      | 355.12           | 112               | STP BAR                |
| NVA41               | 4787564.66      | 415434.69      | 353.54           | 112               | SW CRNR                |
| NVA42               | 4804076.35      | 422897.28      | 361.48           | 112               | NW CRNR                |
| NVA43               | 4814971.86      | 424631.57      | 352.21           | 112               | STP BAR                |
| NVA44               | 4786642.08      | 425996.54      | 374.75           | 112               | NW COR STOP BAR        |
| NVA45               | 4802374.31      | 437876.28      | 387.07           | 112               | NE CRNR                |
| NVA46               | 4816726.70      | 442753.48      | 382.26           | 112               | CORN STRIP             |
| NVA47               | 4807578.60      | 456836.51      | 393.72           | 112               | CORN STRIP             |
| NVA48               | 4807064.39      | 448693.77      | 395.89           | 112               | CORN SB                |



**Points Listing - NVA's**  
**Iowa Aerial Control Points**  
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|       |            |           |        |     |                    |
|-------|------------|-----------|--------|-----|--------------------|
| NVA49 | 4816637.87 | 460491.15 | 392.20 | 112 | CORN SB            |
| NVA50 | 4816343.65 | 470084.53 | 389.76 | 112 | CORN SB            |
| NVA51 | 4816272.98 | 480026.84 | 377.47 | 112 | CORN STRIP         |
| NVA52 | 4787595.42 | 448890.16 | 367.81 | 112 | CORN STRIP         |
| NVA53 | 4800519.90 | 471915.55 | 383.74 | 112 | CORN SB            |
| NVA54 | 4790935.38 | 459615.72 | 367.04 | 112 | CORN STRIP         |
| NVA55 | 4801162.21 | 463092.89 | 384.93 | 112 | CORN SW            |
| NVA56 | 4798183.98 | 448452.20 | 371.42 | 112 | SW                 |
| NVA57 | 4795982.04 | 426042.08 | 366.14 | 112 | SW CRNR            |
| NVA58 | 4810166.53 | 482230.92 | 376.03 | 112 | CORN STRIP         |
| NVA59 | 4810358.68 | 471341.41 | 387.85 | 112 | CORN STRIP         |
| NVA60 | 4800492.21 | 482959.23 | 368.15 | 112 | CORN STRIP         |
| NVA61 | 4792485.67 | 468966.39 | 366.94 | 112 | CORN SB            |
| NVA62 | 4792701.29 | 435645.26 | 392.75 | 112 | NE CRNR            |
| NVA63 | 4792696.65 | 483951.25 | 362.36 | 112 | CORN STRIP         |
| NVA64 | 4806902.81 | 498389.77 | 362.76 | 112 | END WHITE LINE     |
| NVA65 | 4811732.47 | 489940.23 | 366.22 | 112 | END WHITE LINE     |
| NVA66 | 4816290.31 | 489955.33 | 368.12 | 112 | END WHITE LINE     |
| NVA67 | 4797216.92 | 493995.89 | 373.05 | 112 | END WHITE LINE     |
| NVA68 | 4802688.63 | 506543.58 | 355.69 | 112 | INT S/W @ DRIVE    |
| NVA69 | 4809420.03 | 517607.64 | 364.80 | 112 | INT S/W            |
| NVA70 | 4816792.65 | 504510.50 | 366.16 | 112 | CONC JOINT         |
| NVA71 | 4809942.02 | 508832.97 | 363.43 | 112 | CORNER S/W         |
| NVA72 | 4812533.77 | 532915.75 | 398.24 | 112 | END PAINT STRIPE   |
| NVA73 | 4800868.78 | 536114.06 | 373.61 | 112 | INTER SIDEWALK     |
| NVA74 | 4803654.93 | 516969.57 | 376.27 | 112 | END WHITE LINE     |
| NVA75 | 4792433.50 | 516260.60 | 357.94 | 112 | END BLUE LINE      |
| NVA76 | 4817329.35 | 544521.13 | 388.84 | 112 | END PAINT STRIPE   |
| NVA77 | 4802437.76 | 571649.08 | 396.18 | 112 | COR PAINTED LINE   |
| NVA78 | 4695012.32 | 365572.50 | 375.41 | 112 | COR STRIPE         |
| NVA79 | 4681011.19 | 357106.24 | 378.57 | 112 | COR STRIPE         |
| NVA80 | 4680649.53 | 370443.65 | 352.85 | 112 | COR STRIPE         |
| NVA81 | 4700472.31 | 380259.95 | 356.35 | 112 | COR STRIPE         |
| NVA82 | 4686786.33 | 346907.19 | 377.40 | 112 | END STOP BAR       |
| NVA83 | 4715753.79 | 389694.93 | 366.40 | 112 | COR STRIPE         |
| NVA84 | 4711757.12 | 403011.43 | 350.76 | 112 | COR STRIPE         |
| NVA85 | 4718783.67 | 406582.81 | 346.14 | 112 | COR STRIPE         |
| NVA86 | 4716188.31 | 416271.67 | 346.85 | 112 | COR STRIPE         |
| NVA87 | 4681719.38 | 393536.11 | 348.42 | 112 | COR STRIPE         |
| NVA88 | 4811216.34 | 558060.69 | 382.93 | 112 | INTER S/W & DRIVE  |
| NVA89 | 4813633.66 | 570373.43 | 387.33 | 112 | END PAINT STRIPE   |
| NVA90 | 4802233.90 | 556656.96 | 392.71 | 112 | END YELLOW LINE    |
| NVA91 | 4794143.90 | 544170.78 | 381.12 | 112 | END WHITE LINE     |
| NVA92 | 4794326.24 | 566538.92 | 378.17 | 112 | END PAINTED LINE   |
| NVA93 | 4792405.05 | 501255.46 | 369.29 | 112 | END WHITE LINE     |
| NVA94 | 4792449.47 | 529711.32 | 344.50 | 112 | STOP BAR           |
| NVA95 | 4802201.27 | 548118.75 | 378.95 | 112 | WHITE LINE @ PATCH |
| NVA96 | 4790196.27 | 557098.88 | 376.31 | 112 | END WHITE LINE     |
| NVA97 | 4783958.85 | 307584.94 | 423.57 | 112 | NW STRPE           |

**Points Listing - NVA's**  
**Iowa Aerial Control Points**  
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|        |            |           |        |     |                               |
|--------|------------|-----------|--------|-----|-------------------------------|
| NVA98  | 4786591.03 | 341123.46 | 413.69 | 112 | NEW COR STRIPE                |
| NVA99  | 4777698.37 | 335387.72 | 409.31 | 112 | STP BAR                       |
| NVA100 | 4770197.44 | 313834.31 | 430.74 | 112 | COR STRIPING                  |
| NVA101 | 4754435.39 | 308706.47 | 382.41 | 112 | COR STRIPING                  |
| NVA102 | 4764218.89 | 323833.65 | 426.83 | 112 | APEX STOP BAR                 |
| NVA103 | 4757602.55 | 335785.80 | 416.71 | 112 | COR STOP BAR AT STRIPE        |
| NVA104 | 4789177.63 | 357272.50 | 392.68 | 112 | SE COR STRIPE                 |
| NVA105 | 4773448.36 | 361608.14 | 367.06 | 112 | COR STRIPE                    |
| NVA106 | 4771832.26 | 373771.72 | 363.60 | 112 | COR CL STRIPE                 |
| NVA107 | 4776830.19 | 345528.38 | 437.77 | 112 | SE CRNR                       |
| NVA108 | 4635702.27 | 423490.96 | 325.12 | 112 | APEX STOP BAR                 |
| NVA109 | 4767110.47 | 350478.21 | 407.29 | 112 | COR WALK                      |
| NVA110 | 4765346.76 | 344072.76 | 414.73 | 112 | COR STOP BAR AT STRIPE        |
| NVA111 | 4779060.67 | 384294.40 | 383.30 | 112 | NE CRNR                       |
| NVA112 | 4760079.71 | 363124.61 | 369.24 | 112 | COR STRIPE                    |
| NVA113 | 4755586.67 | 350186.12 | 404.34 | 112 | APEX STOP BAR                 |
| NVA114 | 4763074.91 | 372817.97 | 356.97 | 112 | COR STRIPE                    |
| NVA115 | 4786385.90 | 392408.87 | 366.98 | 112 | NW CRNR                       |
| NVA116 | 4783466.60 | 400981.15 | 359.52 | 112 | SW CRNR                       |
| NVA117 | 4775647.66 | 404083.65 | 355.53 | 112 | COR CL STRIPE                 |
| NVA118 | 4770892.99 | 419155.16 | 382.63 | 112 | COR WALK                      |
| NVA119 | 4770557.85 | 396341.26 | 369.60 | 112 | NW CRNR                       |
| NVA120 | 4757105.55 | 382129.84 | 366.91 | 112 | COR STRIPE                    |
| NVA121 | 4762548.01 | 402474.13 | 350.64 | 112 | NE COR STOP BAR               |
| NVA122 | 4751305.34 | 411483.71 | 355.47 | 112 | D TO END WHITE PARKING STRIPE |
| NVA123 | 4760458.83 | 421964.24 | 359.27 | 112 | COR STRIPING                  |
| NVA124 | 4771767.87 | 434754.68 | 374.07 | 112 | COR STRIPE                    |
| NVA125 | 4786127.75 | 435843.77 | 382.61 | 112 | COR STRIPE                    |
| NVA126 | 4772626.34 | 451011.72 | 368.69 | 112 | INSIDE COR STRIPING           |
| NVA127 | 4761760.27 | 450934.82 | 373.76 | 112 | COR CON                       |
| NVA128 | 4760560.96 | 435338.55 | 363.73 | 112 | COR STOP BAR                  |
| NVA129 | 4754328.66 | 435152.50 | 359.91 | 112 | INSIDE COR STRIPING           |
| NVA130 | 4777784.28 | 472667.22 | 363.94 | 112 | CORN STRIP                    |
| NVA131 | 4784580.31 | 465997.41 | 381.37 | 112 | CORN SB MOVED S               |
| NVA132 | 4784607.55 | 482883.49 | 343.01 | 112 | CORN SB                       |
| NVA133 | 4779631.64 | 493225.52 | 345.56 | 112 | END WHITE LINE                |
| NVA134 | 4789168.51 | 489988.78 | 348.10 | 112 | END WHITE LINE                |
| NVA135 | 4774841.26 | 490048.40 | 328.42 | 112 | CORN STRIP                    |
| NVA136 | 4758662.63 | 472105.61 | 360.75 | 112 | CORN SB                       |
| NVA137 | 4768407.99 | 462705.82 | 385.94 | 112 | CORN STRIP                    |
| NVA138 | 4758619.40 | 484158.44 | 336.11 | 112 | CORN STRIP                    |
| NVA139 | 4768245.01 | 483629.48 | 368.98 | 112 | CORN SB                       |
| NVA140 | 4765035.74 | 493300.05 | 345.03 | 112 | CORN STRIP                    |
| NVA141 | 4782844.18 | 507699.05 | 358.86 | 112 | END WHITE LINE                |
| NVA142 | 4773942.25 | 504434.04 | 335.32 | 112 | END STOP BAR                  |
| NVA143 | 4786091.29 | 518350.19 | 335.41 | 112 | END WHITE LINE                |
| NVA144 | 4774897.86 | 520630.24 | 328.41 | 112 | STOP BAR                      |
| NVA145 | 4778173.52 | 529771.93 | 341.99 | 112 | INT STOP BAR & WHITE LINE     |
| NVA146 | 4768562.52 | 526189.69 | 307.01 | 112 | STOP BAR                      |

**Points Listing - NVA's**  
**Iowa Aerial Control Points**  
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|        |            |           |        |     |                                |
|--------|------------|-----------|--------|-----|--------------------------------|
| NVA147 | 4766615.75 | 505269.42 | 313.15 | 112 | CORNER STOP BAR                |
| NVA148 | 4766682.98 | 515438.52 | 338.46 | 112 | INT STOP BAR & WITE LINE       |
| NVA149 | 4756761.28 | 510722.44 | 303.63 | 112 | INT S/W                        |
| NVA150 | 4752164.98 | 502779.60 | 333.81 | 112 | CORN SB MOVED W                |
| NVA151 | 4753785.59 | 526677.32 | 325.51 | 112 | END STOP BAR                   |
| NVA152 | 4751188.94 | 324477.33 | 385.90 | 112 | COR STRIPING                   |
| NVA153 | 4726155.00 | 311164.95 | 456.31 | 112 | PAINTED HANDICAP               |
| NVA154 | 4732060.90 | 320065.91 | 420.47 | 112 | NE COR STOP BAR                |
| NVA155 | 4743795.39 | 304822.61 | 435.37 | 112 | NW COR STRIPE                  |
| NVA156 | 4747382.54 | 337741.54 | 424.33 | 112 | NW COR CONC                    |
| NVA157 | 4738399.85 | 340563.00 | 402.88 | 112 | NE COR STRIPE                  |
| NVA158 | 4722486.36 | 320937.41 | 428.52 | 112 | WHITE PARKING MARKING          |
| NVA159 | 4719347.41 | 334849.63 | 386.33 | 112 | STOP BAR @ RR TRACKS (FADED)   |
| NVA160 | 4714592.82 | 312073.03 | 435.74 | 112 | ND PAINTED LANE STRIPE (WHITE) |
| NVA161 | 4745446.17 | 348694.69 | 398.81 | 112 | INSIDE COR STRIPING            |
| NVA162 | 4743028.44 | 362765.49 | 371.42 | 112 | COR STRIPING                   |
| NVA163 | 4734032.41 | 364644.53 | 372.99 | 112 | INSIDE COR STRIPING            |
| NVA164 | 4748330.76 | 377345.91 | 360.34 | 112 | STOP BAR                       |
| NVA165 | 4731834.54 | 381851.57 | 376.30 | 112 | HANDICAP MARKING               |
| NVA166 | 4734241.57 | 344931.73 | 395.88 | 112 | NE COR STRIPE                  |
| NVA167 | 4724506.28 | 357638.66 | 385.85 | 112 | APEX STOP BAR                  |
| NVA168 | 4721177.44 | 368926.34 | 378.02 | 112 | STRIPE AT PAVE                 |
| NVA169 | 4716068.84 | 348533.53 | 374.49 | 112 | YELLOW PARKING MARKING         |
| NVA170 | 4749704.13 | 387380.26 | 353.00 | 112 | STOP BAR                       |
| NVA171 | 4747004.19 | 394839.69 | 351.58 | 112 | YELLOW PAVT MARKING            |
| NVA172 | 4730447.77 | 400538.24 | 331.86 | 112 | TED MARKING SHIFTED LOCATION   |
| NVA173 | 4746854.02 | 403212.76 | 348.81 | 112 | COR PAINT MARKING              |
| NVA174 | 4736374.63 | 414112.10 | 347.16 | 112 | END STOP BAR                   |
| NVA175 | 4742297.32 | 419828.99 | 351.23 | 112 | INTER OF SW                    |
| NVA176 | 4731537.57 | 414057.79 | 344.03 | 112 | COR STRIPE (MOVED EAST)        |
| NVA177 | 4723442.06 | 418768.65 | 345.75 | 112 | COR STRIPE                     |
| NVA178 | 4723966.57 | 384987.47 | 364.02 | 112 | STOP BAR SHIFTED LOCATION      |
| NVA179 | 4739930.80 | 391668.64 | 350.91 | 112 | STOP BAR SHIFTED LOCATION      |
| NVA180 | 4745856.68 | 431987.73 | 348.78 | 112 | COR STRIPE                     |
| NVA181 | 4743889.53 | 450121.25 | 359.56 | 112 | COR STRIPE                     |
| NVA182 | 4731300.94 | 439719.19 | 355.79 | 112 | COR STRIPE                     |
| NVA183 | 4731148.09 | 447862.41 | 371.81 | 112 | COR STRIPE                     |
| NVA184 | 4731814.13 | 424654.02 | 344.17 | 112 | COR STRIPE                     |
| NVA185 | 4738517.53 | 439912.10 | 361.64 | 112 | COR STRIPE                     |
| NVA186 | 4751236.83 | 460963.94 | 381.49 | 112 | CORN STRIP                     |
| NVA187 | 4724188.92 | 425643.44 | 339.92 | 112 | COR STRIPE                     |
| NVA188 | 4713738.92 | 425145.67 | 340.49 | 112 | MAG NAIL COR STIPE (FADED)     |
| NVA189 | 4713768.83 | 454996.09 | 367.94 | 112 | COR STRIPE                     |
| NVA190 | 4711923.19 | 441273.98 | 361.86 | 112 | COR STRIPE                     |
| NVA191 | 4748990.30 | 482435.76 | 328.34 | 112 | CORN STRIP                     |
| NVA192 | 4748835.61 | 471268.27 | 373.44 | 112 | CORN STRIP                     |
| NVA193 | 4732215.37 | 482206.00 | 348.17 | 112 | CORN STRIP                     |
| NVA194 | 4734685.32 | 469864.80 | 378.36 | 112 | CORN STRIP                     |
| NVA195 | 4722801.97 | 459019.75 | 350.33 | 112 | COR STRIPE                     |

**Points Listing - NVA's**  
**Iowa Aerial Control Points**  
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|        |            |           |        |     |                              |
|--------|------------|-----------|--------|-----|------------------------------|
| NVA196 | 4720037.61 | 479921.17 | 383.34 | 112 | CORN STRIP                   |
| NVA197 | 4742282.91 | 495522.29 | 313.51 | 112 | CORN STRIP                   |
| NVA198 | 4724777.83 | 489381.94 | 335.70 | 112 | CORN SB                      |
| NVA199 | 4732508.26 | 497867.74 | 310.65 | 112 | CORN STRIP                   |
| NVA200 | 4742292.73 | 501988.69 | 315.43 | 112 | CORN STRIP                   |
| NVA201 | 4749218.92 | 516301.76 | 291.10 | 112 | INT S/W @ DRIVE              |
| NVA202 | 4747109.56 | 526716.45 | 309.98 | 112 | END WHITE LINE               |
| NVA203 | 4736887.26 | 527098.17 | 286.17 | 112 | COR YELLOW LINES             |
| NVA204 | 4728801.68 | 534195.81 | 276.95 | 112 | END STOP BAR                 |
| NVA205 | 4712552.48 | 530130.09 | 273.99 | 112 | CORN SB                      |
| NVA206 | 4713291.65 | 517575.79 | 306.81 | 112 | CORN SW                      |
| NVA207 | 4733543.43 | 516858.42 | 321.04 | 112 | INT S/W                      |
| NVA208 | 4714638.99 | 509461.67 | 296.47 | 112 | CORN SB                      |
| NVA209 | 4711555.45 | 495282.57 | 330.04 | 112 | CORN STRIP                   |
| NVA210 | 4722768.26 | 509111.12 | 307.50 | 112 | CORN SB MOVED W              |
| NVA211 | 4705235.51 | 305450.38 | 419.74 | 112 | MRKNG LOC SHIFTED NOW 4 LANE |
| NVA212 | 4687798.44 | 310171.98 | 409.81 | 112 | END WHITE STRIPE             |
| NVA213 | 4675707.00 | 311394.24 | 420.65 | 112 | END WHITE STRIPE             |
| NVA214 | 4698657.93 | 336237.14 | 371.27 | 112 | /ED TO YELLOW PVMNT MARKING  |
| NVA215 | 4685890.46 | 330849.47 | 381.76 | 112 | YELLOW PARKING STRIPE        |
| NVA216 | 4704612.78 | 323366.62 | 421.32 | 112 | PAINT YELLOW MARKING         |
| NVA217 | 4709189.49 | 336275.63 | 386.37 | 112 | END STOP BAR                 |
| NVA218 | 4707640.99 | 311982.12 | 430.87 | 112 | POINT MOVED TO S/W INTER     |
| NVA219 | 4689828.83 | 323027.20 | 392.73 | 112 | END PAINT STRIPE             |
| NVA220 | 4708905.63 | 347601.76 | 370.44 | 112 | END STOP BAR                 |
| NVA221 | 4712296.29 | 361743.22 | 377.72 | 112 | COR STRIPE                   |
| NVA222 | 4709702.51 | 373999.36 | 379.53 | 112 | COR STRIPE                   |
| NVA223 | 4700953.98 | 362710.36 | 372.70 | 112 | COR STRIPE                   |
| NVA224 | 4702884.23 | 407206.51 | 341.17 | 112 | COR STRIPE                   |
| NVA225 | 4701001.78 | 394225.91 | 351.96 | 112 | COR STRIPE                   |
| NVA226 | 4679391.69 | 411774.33 | 344.14 | 112 | MAG NAIL CRNR STRIPING       |
| NVA227 | 4699025.55 | 428523.77 | 337.78 | 112 | NW COR STRIPE                |
| NVA228 | 4690289.92 | 413390.26 | 290.60 | 112 | MAG NAIL IN CL CRACK         |
| NVA229 | 4681963.74 | 384250.48 | 348.03 | 112 | COR STRIPE                   |
| NVA230 | 4691396.41 | 402519.00 | 349.48 | 112 | MAG NAIL IN CL CRACK         |
| NVA231 | 4703131.42 | 447395.91 | 373.66 | 112 | STRIPE                       |
| NVA232 | 4702455.37 | 454945.75 | 365.46 | 112 | STP BAR                      |
| NVA233 | 4692709.32 | 431215.02 | 336.11 | 112 | COR STRIPE                   |
| NVA234 | 4661031.28 | 530579.49 | 306.57 | 112 | SE CRNR                      |
| NVA235 | 4684024.32 | 447275.60 | 322.36 | 112 | COR STRIPING                 |
| NVA236 | 4680182.73 | 423531.30 | 339.30 | 112 | COR WALK                     |
| NVA237 | 4682169.96 | 434397.25 | 340.98 | 112 | CONC                         |
| NVA238 | 4693541.02 | 439953.05 | 341.45 | 112 | INSIDE COR STRIPING          |
| NVA239 | 4684877.04 | 464202.28 | 360.43 | 112 | COR WALK                     |
| NVA240 | 4706994.24 | 468748.77 | 355.04 | 112 | SW CRNR                      |
| NVA241 | 4701987.29 | 478286.37 | 344.28 | 112 | STRIPE                       |
| NVA242 | 4700787.28 | 495767.53 | 335.91 | 112 | END STOP BAR                 |
| NVA243 | 4709244.16 | 478452.94 | 342.69 | 112 | TURN ARROW                   |
| NVA244 | 4689827.24 | 491775.02 | 330.32 | 112 | NVA244 CORN STRIP            |

**Points Listing - NVA's**  
**Iowa Aerial Control Points**  
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|        |            |           |        |     |                                |
|--------|------------|-----------|--------|-----|--------------------------------|
| NVA245 | 4676985.15 | 492629.77 | 304.11 | 112 | COR STRIPE                     |
| NVA246 | 4689104.62 | 474481.72 | 344.89 | 112 | SW COR STRIPE                  |
| NVA247 | 4677108.38 | 467369.32 | 366.21 | 112 | SW COR STRIPE                  |
| NVA248 | 4702239.03 | 432900.34 | 316.99 | 112 | COR STRIPE                     |
| NVA249 | 4697960.70 | 505733.13 | 325.34 | 112 | NVA249 CORN SB                 |
| NVA250 | 4708409.89 | 518887.39 | 308.80 | 112 | CORN SB                        |
| NVA251 | 4701470.93 | 530673.25 | 287.05 | 112 | END WHITE STRIPE               |
| NVA252 | 4690004.76 | 519144.93 | 311.52 | 112 | COR STRIPING                   |
| NVA253 | 4685883.97 | 533026.97 | 289.64 | 112 | END YELLOW LINE                |
| NVA254 | 4675294.72 | 510014.79 | 308.78 | 112 | NE CRNR                        |
| NVA255 | 4684271.94 | 499836.40 | 311.82 | 112 | COR STOP BAR                   |
| NVA256 | 4681198.79 | 523957.43 | 321.16 | 112 | COR STRIPE                     |
| NVA257 | 4678066.77 | 537535.79 | 285.85 | 112 | INTER STOP BAR & WHITE LINE    |
| NVA258 | 4678965.04 | 544582.38 | 282.19 | 112 | INTER STOP BAR & WHITE LINE    |
| NVA259 | 4675013.83 | 553775.75 | 301.58 | 112 | CORN STRIPING                  |
| NVA260 | 4668943.30 | 557265.88 | 296.71 | 112 | CORN STRIPING                  |
| NVA261 | 4670920.59 | 544645.61 | 285.61 | 112 | CORN STRIPING                  |
| NVA262 | 4669205.59 | 534548.29 | 294.24 | 112 | NW CRNR                        |
| NVA263 | 4658878.49 | 549220.14 | 268.76 | 112 | CORN SW                        |
| NVA264 | 4646090.97 | 535251.98 | 261.19 | 112 | CORN STRIPING                  |
| NVA265 | 4669918.80 | 523340.07 | 314.62 | 112 | NE CRNR                        |
| NVA266 | 4641010.77 | 550320.78 | 238.97 | 112 | CORN SW                        |
| NVA267 | 4650112.98 | 507238.23 | 302.17 | 112 | SE INTERSECT                   |
| NVA268 | 4661657.11 | 507977.83 | 285.94 | 112 | STP BAR                        |
| NVA269 | 4636486.91 | 517630.10 | 314.32 | 112 | PRK STRIPE                     |
| NVA270 | 4618350.01 | 507727.74 | 271.77 | 112 | NE CRNR                        |
| NVA271 | 4643540.51 | 503251.09 | 310.33 | 112 | PRK STRIPE                     |
| NVA272 | 4670600.83 | 499887.49 | 305.90 | 112 | COR STOP BAR                   |
| NVA273 | 4663375.27 | 483879.64 | 309.26 | 112 | NE CRNR                        |
| NVA274 | 4651583.17 | 486461.86 | 325.55 | 112 | NE POINT                       |
| NVA275 | 4643423.45 | 491449.43 | 318.82 | 112 | SDWLK                          |
| NVA276 | 4656495.97 | 352175.70 | 365.24 | 112 | END YELLOW PAINT MARKING       |
| NVA277 | 4672098.22 | 336723.69 | 417.68 | 112 | END PAINT STRIPE               |
| NVA278 | 4673211.08 | 344941.09 | 377.09 | 112 | END PAINT STRIPE               |
| NVA279 | 4660708.16 | 344674.81 | 404.61 | 112 | OTHER SIDE OF HWY DUE TO CONST |
| NVA280 | 4671279.21 | 359017.70 | 334.45 | 112 | MAG NAIL CRNR STRIPING         |
| NVA281 | 4641510.02 | 328745.69 | 415.50 | 112 | INTER OF PAINT STRIPES         |
| NVA282 | 4652306.43 | 336514.50 | 413.23 | 112 | INTER OF S/W                   |
| NVA283 | 4660166.39 | 326435.45 | 411.84 | 112 | NEW LOCATION HANDICAP RAMP     |
| NVA284 | 4639622.46 | 339252.53 | 422.15 | 112 | (IN MILLED COULD BE OVERLAYED) |
| NVA285 | 4636801.91 | 360800.71 | 357.59 | 112 | CRNR STRIPING                  |
| NVA286 | 4652601.21 | 386077.98 | 324.42 | 112 | CRNR STRIPING                  |
| NVA287 | 4668274.59 | 377847.52 | 338.80 | 112 | CRNR SDWLK                     |
| NVA288 | 4668896.07 | 396398.18 | 336.69 | 112 | MAG NAIL CRNR STRIPING         |
| NVA289 | 4656981.80 | 365195.90 | 336.11 | 112 | END PAINTED STOP BAR           |
| NVA290 | 4653236.61 | 372063.61 | 360.15 | 112 | CRNR STRIPING                  |
| NVA291 | 4643854.85 | 364933.84 | 356.69 | 112 | CRNR CONC                      |
| NVA292 | 4643616.60 | 379454.82 | 345.14 | 112 | SW CRNR                        |
| NVA293 | 4641853.20 | 388448.25 | 328.26 | 112 | SW CRNR                        |

**Points Listing - NVA's**  
**Iowa Aerial Control Points**  
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|        |            |           |        |     |                 |
|--------|------------|-----------|--------|-----|-----------------|
| NVA294 | 4648192.68 | 397113.96 | 328.45 | 112 | STP BAR         |
| NVA295 | 4654582.46 | 405241.43 | 308.77 | 112 | RR "X"          |
| NVA296 | 4662265.77 | 408567.37 | 335.89 | 112 | STP BAR         |
| NVA297 | 4637078.07 | 386536.56 | 334.92 | 112 | STP BAR         |
| NVA298 | 4668749.04 | 415904.30 | 338.67 | 112 | STRIPE          |
| NVA299 | 4657217.49 | 427095.99 | 346.38 | 112 | SW COR STOP BAR |
| NVA300 | 4668518.22 | 434248.41 | 335.66 | 112 | SER STRIPE      |
| NVA301 | 4664644.74 | 425760.01 | 353.69 | 112 | SW COR STRIPE   |
| NVA302 | 4654850.48 | 414634.97 | 333.22 | 112 | SW CRNR         |
| NVA303 | 4649912.35 | 448541.34 | 280.75 | 112 | COR STRIPING    |
| NVA304 | 4652574.02 | 438920.05 | 321.36 | 112 | SW COR STOP BAR |
| NVA305 | 4670724.88 | 450864.58 | 306.21 | 112 | COR STRIPE      |
| NVA306 | 4668505.50 | 442311.50 | 314.48 | 112 | SW COR STRIPE   |
| NVA307 | 4646233.71 | 432424.21 | 336.02 | 112 | COR STOP BAR    |
| NVA308 | 4637634.87 | 404991.57 | 311.67 | 112 | NE COR STRIPING |
| NVA309 | 4661397.54 | 447172.42 | 302.70 | 112 | SW COR HANDICAP |
| NVA310 | 4652406.69 | 462548.28 | 305.90 | 112 | STP BAR         |
| NVA311 | 4668573.90 | 458665.35 | 313.86 | 112 | STRIPE          |
| NVA312 | 4658587.72 | 458487.42 | 309.09 | 112 | STP BAR         |
| NVA313 | 4668346.80 | 468119.32 | 331.66 | 112 | APEX STOP BAR   |
| NVA314 | 4673064.38 | 474436.34 | 343.72 | 112 | SE CRNR         |
| NVA315 | 4638355.98 | 450294.38 | 311.02 | 112 | COR WALK        |
| NVA316 | 4637470.03 | 466772.84 | 265.44 | 112 | SE COR STRIPE   |
| NVA317 | 4658484.26 | 474401.51 | 332.61 | 112 | STP BAR         |
| NVA318 | 4639425.53 | 475948.44 | 312.41 | 112 | NE COR STRIPE   |
| NVA319 | 4658395.42 | 499953.74 | 271.85 | 112 | CRNR            |
| NVA320 | 4629772.55 | 506433.71 | 289.19 | 112 | SW CRNR         |
| NVA321 | 4620509.01 | 519413.21 | 292.43 | 112 | SHLDR STRIPE    |
| NVA322 | 4603038.99 | 518121.57 | 249.04 | 112 | NE CRNR         |
| NVA323 | 4613992.44 | 498272.36 | 289.51 | 112 | SW CRNR         |
| NVA324 | 4629802.88 | 495170.80 | 272.28 | 112 | NE CRNR         |
| NVA325 | 4595379.27 | 491561.02 | 277.66 | 112 | SW COR STRIPE   |
| NVA326 | 4611184.19 | 493378.83 | 268.03 | 112 | SHLDR STRIPE    |
| NVA327 | 4614156.27 | 479601.38 | 242.75 | 112 | NE COR STRIPE   |
| NVA328 | 4623945.19 | 476295.34 | 255.49 | 112 | COR WALK        |
| NVA329 | 4612660.26 | 461221.63 | 293.37 | 112 | COR STRIPE      |
| NVA330 | 4596658.03 | 446065.98 | 286.27 | 112 | CORSTRIPING     |
| NVA331 | 4603327.96 | 428770.59 | 313.69 | 112 | COR STRIPING    |
| NVA332 | 4595543.59 | 470139.75 | 246.97 | 112 | COR STRIPE      |
| NVA333 | 4620245.89 | 448335.34 | 298.17 | 112 | COR STRIPING    |
| NVA334 | 4630117.90 | 435598.61 | 291.49 | 112 | COR STRIPING    |
| NVA335 | 4627095.03 | 456669.13 | 295.28 | 112 | COR WALK        |
| NVA336 | 4628272.62 | 469496.10 | 292.73 | 112 | SE COR STOP BAR |
| NVA337 | 4603206.53 | 469571.48 | 275.95 | 112 | COR STOP STRIPE |
| NVA338 | 4613797.63 | 441964.99 | 254.37 | 112 | COR STRIPING    |
| NVA339 | 4623399.80 | 431805.33 | 270.15 | 112 | COR STRIPING    |
| NVA340 | 4615541.67 | 420233.42 | 320.04 | 112 | COR WALK        |
| NVA341 | 4631409.47 | 403721.39 | 308.49 | 112 | COR STRIPING    |
| NVA342 | 4623108.09 | 414515.73 | 319.71 | 112 | COR WALK        |

**Points Listing - NVA's**  
**Iowa Aerial Control Points**  
**PEI Project No. 290.2001**

|        |            |           |        |     |                                |
|--------|------------|-----------|--------|-----|--------------------------------|
| NVA343 | 4615848.74 | 400716.93 | 312.44 | 112 | STP BAR                        |
| NVA344 | 4598722.72 | 415523.47 | 294.17 | 112 | COR BAR                        |
| NVA345 | 4607603.83 | 415083.17 | 273.33 | 112 | INSIDE COR STRIPING            |
| NVA346 | 4605687.11 | 404053.68 | 289.06 | 112 | NE COR STRIPE                  |
| NVA347 | 4605007.33 | 400271.64 | 295.47 | 112 | INSIDE COR STRIPING            |
| NVA348 | 4632242.31 | 391261.20 | 319.09 | 112 | STP BAR                        |
| NVA349 | 4616450.04 | 386439.46 | 330.17 | 112 | NAIL                           |
| NVA350 | 4626003.68 | 380706.46 | 356.77 | 112 | NE CRNR                        |
| NVA351 | 4634084.71 | 376074.43 | 356.02 | 112 | CRNR CONC                      |
| NVA352 | 4615025.02 | 374711.50 | 333.18 | 112 | INSIDE COR STRIPING            |
| NVA353 | 4595866.35 | 362919.47 | 447.54 | 112 | INTER SEC CONC STOP            |
| NVA354 | 4595649.58 | 389919.30 | 368.37 | 112 | PAINTED PARKING                |
| NVA355 | 4602192.94 | 375696.73 | 394.78 | 112 | ENTER STOP BAR EDGE WHITE LINE |
| NVA356 | 4610993.25 | 393948.94 | 342.82 | 112 | SW CRNR                        |
| NVA357 | 4614741.44 | 362839.23 | 418.60 | 112 | CRNR CONC                      |
| NVA358 | 4615119.08 | 356397.65 | 428.73 | 112 | CRNR CONC                      |
| NVA359 | 4621145.46 | 369402.17 | 372.68 | 112 | COR STRIPING                   |

# Attachment E



**Points Listing - VVA's**  
Iowa Aerial Control Points  
**PEI Project No. 290.2001**

| <b>Point Number</b> | <b>Northing</b> | <b>Easting</b> | <b>Elevation</b> | <b>Point Code</b> | <b>Description</b>  |
|---------------------|-----------------|----------------|------------------|-------------------|---------------------|
| VVA01               | 4819256.91      | 269254.25      | 461.66           | 112               | NAIL                |
| VVA02               | 4809344.01      | 278393.99      | 464.02           | 112               | NAIL                |
| VVA03               | 4799264.16      | 273360.40      | 445.38           | 112               | NAIL                |
| VVA04               | 4809787.92      | 294824.17      | 478.19           | 112               | NAIL                |
| VVA05               | 4795739.68      | 288673.13      | 479.44           | 112               | NAIL                |
| VVA06               | 4819241.45      | 301593.43      | 466.57           | 112               | NAIL                |
| VVA07               | 4813871.44      | 310842.04      | 446.34           | 112               | NAIL                |
| VVA08               | 4798264.56      | 309130.23      | 431.49           | 112               | NAIL                |
| VVA09               | 4799132.87      | 325091.29      | 437.27           | 112               | NAIL                |
| VVA10               | 4812289.95      | 329060.02      | 436.56           | 112               | NAIL                |
| VVA11               | 4777963.10      | 325665.53      | 399.70           | 112               | NAIL                |
| VVA12               | 4806265.56      | 352320.78      | 394.58           | 112               | GND 60D             |
| VVA13               | 4798111.64      | 354527.04      | 387.79           | 112               | GND 60D             |
| VVA14               | 4806216.48      | 380591.15      | 377.80           | 112               | NAIL                |
| VVA15               | 4817210.96      | 412010.10      | 341.84           | 112               | NAIL                |
| VVA16               | 4793919.45      | 401406.85      | 354.83           | 112               | NAIL                |
| VVA17               | 4785989.29      | 384385.82      | 379.89           | 112               | NAIL                |
| VVA18               | 4769050.72      | 400071.74      | 365.64           | 112               | NAIL                |
| VVA19               | 4782816.26      | 346038.65      | 410.80           | 112               | GND 60D             |
| VVA20               | 4774490.93      | 363430.17      | 381.09           | 112               | GND 60D             |
| VVA21               | 4795079.97      | 377769.15      | 387.41           | 112               | NAIL                |
| VVA22               | 4816377.87      | 369199.75      | 378.53           | 112               | GND 60D             |
| VVA23               | 4804724.18      | 422862.24      | 361.22           | 112               | NAIL                |
| VVA24               | 4802077.86      | 437294.13      | 388.55           | 112               | GND                 |
| VVA25               | 4786735.99      | 426217.59      | 373.39           | 112               | GND 60D             |
| VVA26               | 4790538.14      | 447474.70      | 383.76           | 112               | GND 60D             |
| VVA27               | 4807409.21      | 456754.20      | 387.12           | 112               | GND                 |
| VVA28               | 4816405.10      | 460241.36      | 388.02           | 112               | GND                 |
| VVA29               | 4813911.57      | 465778.73      | 386.98           | 112               | GND                 |
| VVA30               | 4773897.20      | 465295.72      | 377.65           | 112               | GND                 |
| VVA31               | 4776057.04      | 484111.38      | 350.62           | 112               | GND                 |
| VVA32               | 4792612.43      | 484022.51      | 361.43           | 112               | GND                 |
| VVA33               | 4809908.14      | 481874.39      | 363.34           | 112               | GND                 |
| VVA34               | 4791695.46      | 469403.79      | 366.96           | 112               | GND 60D             |
| VVA35               | 4802442.75      | 506642.74      | 356.66           | 112               | NAIL                |
| VVA36               | 4814917.03      | 504547.49      | 357.24           | 112               | NAIL                |
| VVA37               | 4797393.94      | 494391.15      | 374.38           | 112               | NAIL                |
| VVA38               | 4792065.19      | 515342.95      | 357.51           | 112               | NAIL                |
| VVA39               | 4800445.85      | 536178.39      | 373.61           | 112               | NAIL & WASHER       |
| VVA40               | 4809400.72      | 518034.78      | 362.46           | 112               | NAIL                |
| VVA41               | 4816383.82      | 532911.17      | 413.73           | 112               | SET NAIL AND WASHER |
| VVA42               | 4811000.34      | 558483.79      | 373.83           | 112               | NAIL                |
| VVA43               | 4802662.02      | 571604.41      | 395.51           | 112               | NAIL                |
| VVA44               | 4790185.26      | 556966.35      | 374.04           | 112               | NAIL                |
| VVA45               | 4816603.62      | 570068.86      | 345.43           | 112               | NAIL                |
| VVA46               | 4802196.13      | 548619.25      | 379.81           | 112               | NAIL                |
| VVA47               | 4787816.64      | 545649.39      | 359.53           | 112               | NAIL                |
| VVA48               | 4803095.27      | 522123.55      | 365.11           | 112               | NAIL                |

**Points Listing - VVA's**  
**Iowa Aerial Control Points**  
**PEI Project No. 290.2001**

|       |            |           |        |     |               |
|-------|------------|-----------|--------|-----|---------------|
| VVA49 | 4810697.47 | 540846.02 | 401.58 | 112 | NAIL          |
| VVA50 | 4789252.50 | 529342.10 | 332.46 | 112 | NAIL          |
| VVA51 | 4774659.60 | 521146.35 | 330.84 | 112 | NAIL          |
| VVA52 | 4768862.10 | 525184.75 | 306.10 | 112 | NAIL          |
| VVA53 | 4778492.78 | 533012.35 | 352.86 | 112 | NAIL          |
| VVA54 | 4777183.89 | 499653.70 | 333.07 | 112 | NAIL          |
| VVA55 | 4786873.16 | 506293.59 | 343.64 | 112 | NAIL          |
| VVA56 | 4783470.98 | 493283.88 | 334.77 | 112 | NAIL          |
| VVA57 | 4808046.55 | 405949.26 | 351.61 | 112 | NAIL          |
| VVA58 | 4788133.75 | 357889.67 | 379.33 | 112 | GND 60D       |
| VVA59 | 4754507.06 | 308539.94 | 378.37 | 112 | GND 60D       |
| VVA60 | 4751032.45 | 325190.45 | 411.49 | 112 | GND 60D       |
| VVA61 | 4764724.90 | 333906.84 | 398.26 | 112 | GND 60D       |
| VVA62 | 4770715.74 | 314159.16 | 430.71 | 112 | GND 60D       |
| VVA63 | 4766781.26 | 350736.05 | 401.53 | 112 | GND 60D       |
| VVA64 | 4757774.08 | 382132.13 | 364.12 | 112 | GND 60D       |
| VVA65 | 4754980.51 | 362691.39 | 372.18 | 112 | GND 60D       |
| VVA66 | 4745036.81 | 349729.83 | 391.54 | 112 | GND 60D       |
| VVA67 | 4738776.62 | 340333.82 | 400.61 | 112 | GND 60D       |
| VVA68 | 4721302.98 | 321735.47 | 427.85 | 112 | NAIL & WASHER |
| VVA69 | 4726541.29 | 311349.95 | 459.10 | 112 | NAIL & WASHER |
| VVA70 | 4732817.52 | 321274.66 | 417.23 | 112 | GND 60D       |
| VVA71 | 4710699.74 | 373750.93 | 375.57 | 112 | GND 60D       |
| VVA72 | 4732070.27 | 362957.07 | 378.59 | 112 | GND 60D       |
| VVA73 | 4730050.06 | 399362.09 | 348.43 | 112 | NAIL & WASHER |
| VVA74 | 4746920.83 | 403658.40 | 348.43 | 112 | NAIL & WASHER |
| VVA75 | 4771553.38 | 433869.39 | 366.98 | 112 | GND 60D       |
| VVA76 | 4761833.17 | 451065.88 | 372.17 | 112 | GND 60D       |
| VVA77 | 4760424.99 | 422333.86 | 357.11 | 112 | GND 60D       |
| VVA78 | 4731612.24 | 440285.74 | 357.05 | 112 | GND 60D       |
| VVA79 | 4759169.68 | 484133.53 | 336.66 | 112 | GND           |
| VVA80 | 4766581.02 | 505516.83 | 313.34 | 112 | NAIL          |
| VVA81 | 4755720.07 | 511091.75 | 294.49 | 112 | NAIL          |
| VVA82 | 4755410.02 | 534103.05 | 316.95 | 112 | NAIL          |
| VVA83 | 4749034.29 | 516093.97 | 291.03 | 112 | NAIL          |
| VVA84 | 4742514.67 | 499984.36 | 314.92 | 112 | GND           |
| VVA85 | 4737175.47 | 527294.57 | 285.75 | 112 | NAIL          |
| VVA86 | 4733697.57 | 516710.10 | 322.42 | 112 | NAIL          |
| VVA87 | 4732309.70 | 483759.70 | 346.13 | 112 | GND           |
| VVA88 | 4739270.68 | 460841.18 | 381.19 | 112 | GND 60D       |
| VVA89 | 4724113.32 | 427060.54 | 339.33 | 112 | GND 60D       |
| VVA90 | 4707867.32 | 403757.33 | 337.72 | 112 | NAIL & WASHER |
| VVA91 | 4715749.52 | 348487.03 | 374.49 | 112 | NAIL & WASHER |
| VVA92 | 4707551.55 | 311306.50 | 437.89 | 112 | NAIL & WASHER |
| VVA93 | 4703440.37 | 322683.15 | 410.68 | 112 | NAIL & WASHER |
| VVA94 | 4698231.18 | 337086.59 | 363.91 | 112 | NAIL & WASHER |
| VVA95 | 4694987.89 | 365469.94 | 376.38 | 112 | GND 60D       |
| VVA96 | 4701484.03 | 431566.33 | 328.54 | 112 | GND 60D       |
| VVA97 | 4707622.93 | 478221.88 | 339.67 | 112 | NAIL          |

**Points Listing - VVA's**  
**Iowa Aerial Control Points**  
**PEI Project No. 290.2001**

|        |            |           |        |     |               |
|--------|------------|-----------|--------|-----|---------------|
| VVA98  | 4707489.16 | 468768.86 | 350.92 | 112 | NAIL          |
| VVA99  | 4710461.90 | 495805.26 | 326.46 | 112 | GND           |
| VVA100 | 4714194.00 | 509460.09 | 305.74 | 112 | GND           |
| VVA101 | 4713165.93 | 531338.35 | 271.94 | 112 | GND           |
| VVA102 | 4713546.80 | 517705.15 | 305.02 | 112 | GND           |
| VVA103 | 4722593.39 | 522005.97 | 281.30 | 112 | NAIL          |
| VVA104 | 4701624.84 | 530597.27 | 288.80 | 112 | NAIL & WASHER |
| VVA105 | 4708284.76 | 523605.50 | 311.89 | 112 | GND           |
| VVA106 | 4702008.84 | 518940.95 | 316.62 | 112 | NAIL & WASHER |
| VVA107 | 4701070.09 | 506309.93 | 307.74 | 112 | NAIL & WASHER |
| VVA108 | 4703024.53 | 488972.43 | 303.71 | 112 | GND           |
| VVA109 | 4697602.95 | 483115.70 | 340.21 | 112 | NAIL          |
| VVA110 | 4722749.77 | 459075.21 | 348.93 | 112 | GND 60D       |
| VVA111 | 4684877.01 | 452036.15 | 331.46 | 112 | GND 60D       |
| VVA112 | 4681655.35 | 393771.86 | 345.50 | 112 | GND 60D       |
| VVA113 | 4679642.87 | 411733.19 | 342.48 | 112 | GND 60D       |
| VVA114 | 4685762.99 | 424536.22 | 289.69 | 112 | GND 60D       |
| VVA115 | 4685209.84 | 533314.18 | 298.33 | 112 | NAIL & WASHER |
| VVA116 | 4690146.50 | 518060.70 | 307.82 | 112 | GND 60D       |
| VVA117 | 4678890.51 | 525398.82 | 322.52 | 112 | GND 60D       |
| VVA118 | 4681985.09 | 492634.14 | 288.94 | 112 | GND 60D       |
| VVA119 | 4670186.95 | 451599.86 | 296.05 | 112 | GND 60D       |
| VVA120 | 4649486.15 | 427464.11 | 332.32 | 112 | GND 60D       |
| VVA121 | 4658697.87 | 426938.41 | 345.72 | 112 | GND 60D       |
| VVA122 | 4656883.42 | 448401.67 | 275.01 | 112 | GND 60D       |
| VVA123 | 4638401.63 | 449696.94 | 313.26 | 112 | GND 60D       |
| VVA124 | 4651564.31 | 474229.81 | 313.75 | 112 | NAIL          |
| VVA125 | 4662206.15 | 486979.42 | 290.76 | 112 | NAIL          |
| VVA126 | 4656778.28 | 507698.12 | 264.53 | 112 | NAIL          |
| VVA127 | 4670292.79 | 523324.80 | 303.73 | 112 | NAIL          |
| VVA128 | 4660229.45 | 526200.61 | 272.46 | 112 | NAIL          |
| VVA129 | 4671172.38 | 545017.37 | 270.36 | 112 | GND 60D       |
| VVA130 | 4680090.66 | 556994.18 | 291.65 | 112 | NAIL & WASHER |
| VVA131 | 4678976.56 | 545535.82 | 273.89 | 112 | NAIL & WASHER |
| VVA132 | 4668655.50 | 556272.47 | 285.70 | 112 | GND 60D       |
| VVA133 | 4644250.46 | 534984.94 | 248.01 | 112 | GND 60D       |
| VVA134 | 4641536.88 | 550206.92 | 238.23 | 112 | GND 60D       |
| VVA135 | 4655014.95 | 540007.03 | 301.63 | 112 | GND 60D NW    |
| VVA136 | 4650087.53 | 507497.24 | 302.77 | 112 | NAIL          |
| VVA137 | 4642949.91 | 491574.15 | 313.82 | 112 | NAIL          |
| VVA138 | 4636204.58 | 517923.63 | 314.81 | 112 | NAIL          |
| VVA139 | 4621369.01 | 513050.83 | 267.49 | 112 | NAIL          |
| VVA140 | 4615467.25 | 495728.08 | 278.94 | 112 | NAIL          |
| VVA141 | 4629845.47 | 496912.36 | 273.64 | 112 | NAIL          |
| VVA142 | 4617055.87 | 462995.47 | 297.45 | 112 | GND 60D       |
| VVA143 | 4617544.48 | 444179.74 | 280.38 | 112 | GND 60D       |
| VVA144 | 4598992.92 | 451263.35 | 249.93 | 112 | GND 60D       |
| VVA145 | 4606786.76 | 436522.93 | 259.48 | 112 | GND 60D       |
| VVA146 | 4632826.24 | 409829.92 | 296.57 | 112 | GND 60D       |

**Points Listing - VVA's**  
**Iowa Aerial Control Points**  
**PEI Project No. 290.2001**

|        |            |           |        |     |                               |
|--------|------------|-----------|--------|-----|-------------------------------|
| VVA147 | 4602856.60 | 517903.16 | 261.99 | 112 | NAIL                          |
| VVA148 | 4596737.96 | 491460.48 | 280.62 | 112 | GND 60D                       |
| VVA149 | 4595615.03 | 469555.80 | 248.72 | 112 | GND 60D                       |
| VVA150 | 4605181.83 | 480338.28 | 282.41 | 112 | GND 60D                       |
| VVA151 | 4629882.34 | 473867.23 | 253.69 | 112 | GND 60D                       |
| VVA152 | 4607083.87 | 415726.34 | 270.61 | 112 | GND 60D                       |
| VVA153 | 4605239.15 | 400453.82 | 305.43 | 112 | NAIL                          |
| VVA154 | 4616892.73 | 385616.15 | 332.62 | 112 | NAIL                          |
| VVA155 | 4621888.42 | 380586.22 | 334.42 | 112 | NAIL                          |
| VVA156 | 4614343.38 | 375162.22 | 324.52 | 112 | GND 60D                       |
| VVA157 | 4596588.21 | 389965.14 | 350.48 | 112 | GROUND SHOT AT EDGE TREES     |
| VVA158 | 4605439.75 | 383188.97 | 314.60 | 112 | NAIL & WASHER                 |
| VVA159 | 4601893.99 | 375680.05 | 386.39 | 112 | NAIL & WASHER                 |
| VVA160 | 4596058.22 | 362748.18 | 445.67 | 112 | SHOT NEAR TREES NAIL & WASHER |
| VVA161 | 4606294.19 | 369402.65 | 416.69 | 112 | NAIL & WASHER                 |
| VVA162 | 4611870.88 | 357177.13 | 427.59 | 112 | GND 60D                       |
| VVA163 | 4614750.45 | 364930.25 | 380.10 | 112 | GND 60D                       |
| VVA164 | 4630781.82 | 363121.07 | 340.82 | 112 | GND 60D                       |
| VVA165 | 4637639.39 | 360137.38 | 363.86 | 112 | GND 60D                       |
| VVA166 | 4641255.26 | 348751.41 | 382.25 | 112 | NAIL & WASHER                 |
| VVA167 | 4641430.52 | 328513.92 | 406.95 | 112 | NAIL & WASHER                 |
| VVA168 | 4652537.09 | 336542.73 | 420.89 | 112 | NAIL & WASHER                 |
| VVA169 | 4658961.04 | 346475.49 | 376.84 | 112 | NAIL & WASHER                 |
| VVA170 | 4652473.36 | 386226.44 | 327.82 | 112 | COR CONC                      |
| VVA171 | 4640989.12 | 394124.86 | 293.97 | 112 | NAIL                          |
| VVA172 | 4657937.36 | 357032.85 | 374.11 | 112 | NAIL & WASHER                 |
| VVA173 | 4672926.66 | 357035.54 | 329.05 | 112 | GND 60D AT TOE                |
| VVA174 | 4681346.15 | 356108.69 | 370.15 | 112 | GND 60D                       |
| VVA175 | 4686515.98 | 347821.10 | 374.79 | 112 | NAIL & WASHER                 |
| VVA176 | 4686368.71 | 330374.11 | 396.70 | 112 | NAIL & WASHER                 |
| VVA177 | 4686764.00 | 314690.84 | 412.56 | 112 | NAIL & WASHER                 |
| VVA178 | 4677967.00 | 314692.11 | 393.59 | 112 | NAIL & WASHER                 |
| VVA179 | 4682100.46 | 327140.34 | 392.46 | 112 | NAIL & WASHER                 |
| VVA180 | 4672183.97 | 336756.86 | 414.65 | 112 | NAIL & WASHER                 |
| VVA181 | 4667767.42 | 378177.53 | 337.20 | 112 | GND 60D                       |
| VVA182 | 4669626.33 | 408598.54 | 346.38 | 112 | NAIL                          |
| VVA183 | 4654302.38 | 415060.07 | 331.98 | 112 | NAIL                          |
| VVA184 | 4675063.87 | 434362.62 | 308.69 | 112 | GND 60D                       |
| VVA185 | 4749825.09 | 382804.97 | 349.52 | 112 | NAIL & WASHER                 |
| VVA186 | 4810018.78 | 325088.15 | 436.67 | 112 | NAIL                          |
| VVA187 | 4796659.10 | 339913.82 | 436.41 | 112 | GND 60D                       |
| VVA188 | 4819913.03 | 282222.25 | 502.64 | 112 | NAIL                          |
| VVA189 | 4799298.97 | 299170.50 | 434.22 | 112 | NAIL                          |
| VVA190 | 4805406.89 | 322999.11 | 445.10 | 112 | NAIL                          |
| VVA191 | 4817072.14 | 355077.02 | 409.86 | 112 | GND 60D                       |
| VVA192 | 4805611.39 | 370892.04 | 390.52 | 112 | GND 60D                       |
| VVA193 | 4811949.11 | 394375.06 | 356.60 | 112 | NAIL                          |
| VVA194 | 4768579.20 | 384151.27 | 366.33 | 112 | NAIL                          |
| VVA195 | 4742115.84 | 420006.09 | 352.96 | 112 | NAIL & WASHER                 |

**Points Listing - VVA's**  
**Iowa Aerial Control Points**  
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|        |            |           |        |     |               |
|--------|------------|-----------|--------|-----|---------------|
| VVA196 | 4771467.42 | 450422.52 | 373.68 | 112 | GND 60D       |
| VVA197 | 4786541.32 | 571432.02 | 373.31 | 112 | SET NAIL      |
| VVA198 | 4692561.81 | 382111.82 | 350.92 | 112 | GND 60D       |
| VVA199 | 4623506.30 | 431223.75 | 270.66 | 112 | GND 60D       |
| VVA200 | 4623190.23 | 414542.87 | 318.72 | 112 | GND 60D       |
| VVA201 | 4636170.22 | 428324.53 | 262.07 | 112 | GND 60D       |
| VVA202 | 4667714.64 | 475944.67 | 315.53 | 112 | NAIL          |
| VVA203 | 4683384.56 | 476021.90 | 341.93 | 112 | NAIL          |
| VVA204 | 4720151.54 | 479902.80 | 380.86 | 112 | GND           |
| VVA205 | 4722729.47 | 505152.62 | 317.37 | 112 | GND           |
| VVA206 | 4743759.76 | 450401.87 | 361.08 | 112 | GND 60D       |
| VVA207 | 4776191.01 | 403823.32 | 341.20 | 112 | GND 60D       |
| VVA208 | 4791930.81 | 320720.34 | 413.64 | 112 | NAIL          |
| VVA209 | 4810518.42 | 342377.71 | 455.01 | 112 | NAIL          |
| VVA210 | 4723319.96 | 386006.87 | 360.70 | 112 | NAIL & WASHER |
| VVA211 | 4740052.67 | 383601.10 | 341.95 | 112 | NAIL & WASHER |
| VVA212 | 4739291.82 | 407122.05 | 333.12 | 112 | NAIL & WASHER |
| VVA213 | 4754147.58 | 435310.00 | 361.76 | 112 | GND 60D       |
| VVA214 | 4754579.89 | 468661.43 | 363.00 | 112 | GND           |
| VVA215 | 4787208.24 | 415602.73 | 353.46 | 112 | NAIL          |
| VVA216 | 4792807.39 | 423948.09 | 363.26 | 112 | NAIL          |
| VVA217 | 4812002.25 | 443631.39 | 379.72 | 112 | VVA217 GND    |
| VVA218 | 4801188.04 | 463015.19 | 384.78 | 112 | GND 60D E     |
| VVA219 | 4782917.75 | 478985.71 | 351.32 | 112 | GND           |
| VVA220 | 4652916.06 | 371725.87 | 357.45 | 112 | GND 60D       |
| VVA221 | 4668806.32 | 396065.22 | 337.58 | 112 | GND 60D       |
| VVA222 | 4697494.69 | 405496.21 | 340.32 | 112 | GND 60D       |
| VVA223 | 4703241.73 | 447340.84 | 373.49 | 112 | NAIL          |
| VVA224 | 4724338.60 | 344348.69 | 381.78 | 112 | GND 60D       |
| VVA225 | 4781100.02 | 311115.78 | 414.15 | 112 | NAIL          |
| VVA226 | 4807747.08 | 332857.83 | 455.03 | 112 | NAIL          |
| VVA227 | 4800183.13 | 362838.05 | 387.18 | 112 | GND 60D       |
| VVA228 | 4711788.99 | 362234.31 | 375.46 | 112 | GND 60D       |
| VVA229 | 4721043.53 | 368857.31 | 377.93 | 112 | GND 60D       |
| VVA230 | 4715968.35 | 416322.61 | 347.53 | 112 | GND 60D       |
| VVA231 | 4712883.22 | 431001.76 | 338.05 | 112 | GND 60D       |
| VVA232 | 4689948.42 | 491923.78 | 329.93 | 112 | GND           |
| VVA233 | 4695043.64 | 493995.51 | 297.36 | 112 | GND           |
| VVA234 | 4696324.75 | 469335.04 | 351.18 | 112 | NAIL          |
| VVA235 | 4732230.03 | 454865.38 | 368.91 | 112 | GND 60D       |
| VVA236 | 4742383.90 | 481874.60 | 352.81 | 112 | GND           |
| VVA237 | 4789230.40 | 454079.75 | 401.93 | 112 | GND 60D S     |
| VVA238 | 4798328.66 | 448580.39 | 371.37 | 112 | GND           |
| VVA239 | 4807014.74 | 448487.34 | 391.63 | 112 | GND           |
| VVA240 | 4814986.77 | 425546.86 | 352.87 | 112 | NAIL          |
| VVA241 | 4803243.33 | 411200.02 | 347.81 | 112 | NAIL          |
| VVA242 | 4803757.17 | 393860.57 | 358.26 | 112 | NAIL          |
| VVA243 | 4757441.86 | 335940.54 | 416.66 | 112 | GND 60D       |
| VVA244 | 4741489.37 | 374684.39 | 359.62 | 112 | NAIL & WASHER |

**Points Listing - VVA's**  
**Iowa Aerial Control Points**  
**PEI Project No. 290.2001**

|        |            |           |        |     |               |
|--------|------------|-----------|--------|-----|---------------|
| VVA245 | 4751872.88 | 411302.96 | 355.11 | 112 | NAIL & WASHER |
| VVA246 | 4770574.34 | 419058.14 | 381.21 | 112 | GND 60D       |
| VVA247 | 4786149.38 | 435822.55 | 382.60 | 112 | GND MAG NAIL  |
| VVA248 | 4771955.85 | 373997.82 | 363.28 | 112 | NAIL          |
| VVA249 | 4703864.18 | 455694.26 | 364.82 | 112 | NAIL          |
| VVA250 | 4690362.55 | 413503.96 | 286.83 | 112 | GND 60D       |
| VVA251 | 4670957.14 | 499710.99 | 308.08 | 112 | GND 60D       |