

**Orange County Public Works Land Surveying Geomatics Department Glassell Field Office**  
**Land Surveying Geomatics Department**  
**Glassell Field Office**



**Esperanza Channel (E06) Monitoring Project**

Horizontal Datum: NAD 83 CCS Zone VI, 2017.50 Epoch OCS Adjustment

Vertical Datum: NAVD 88, OCS 1995 Adjustment

U.S. Survey Foot

**Basis of Stationing**

The Basis for Stationing is STA 52+93.87 Per Record Plan E06-701-3

Dated August 1978 Revision Dated May 1983 Held at the  
Intersection of Esperanza Channel (E06) and Dominguez Ranch Rd Centerline.

**THIS DATA IS TO SUPPLEMENT OCS PROJECT #2122PW-OP0002**

Note : Standard Deviations ( $\sigma_2$ ) at two sigma 95%

| BASELINE DATA |          |               |              |           | DATE OF SURVEY: 5/23/2022 |                  |                 |
|---------------|----------|---------------|--------------|-----------|---------------------------|------------------|-----------------|
| POINT #       | STATION  | Northing (ft) | Easting (ft) | Elev (ft) | Major $\sigma^2$          | Minor $\sigma^2$ | Elev $\sigma^2$ |
| 400           | 64+21.43 | 2269334.915   | 6102241.784  | 492.73    | 0.021                     | 0.016            | 0.012           |
| 401           | 64+19.32 | 2269332.845   | 6102242.098  | 492.61    | 0.023                     | 0.016            | 0.012           |
| 402           | 63+01.48 | 2269219.837   | 6102272.209  | 486.86    | 0.018                     | 0.016            | 0.011           |
| 403           | 62+99.44 | 2269217.901   | 6102272.787  | 486.78    | 0.021                     | 0.016            | 0.011           |
| 404           | 62+55.91 | 2269176.422   | 6102285.298  | 485.11    | 0.014                     | 0.016            | 0.011           |
| 405           | 62+53.93 | 2269174.487   | 6102285.749  | 485.00    | 0.018                     | 0.016            | 0.011           |
| 406           | 62+30.53 | 2269152.843   | 6102294.351  | 484.09    | 0.018                     | 0.017            | 0.011           |
| 407           | 62+28.43 | 2269150.946   | 6102295.23   | 484.00    | 0.017                     | 0.017            | 0.011           |
| 408           | 61+90.68 | 2269116.488   | 6102310.185  | 482.60    | 0.018                     | 0.016            | 0.011           |
| 409           | 61+88.69 | 2269114.638   | 6102310.911  | 482.55    | 0.016                     | 0.016            | 0.011           |
| 410           | 61+51.16 | 2269081.009   | 6102327.165  | 481.21    | 0.015                     | 0.016            | 0.011           |
| 411           | 61+49.05 | 2269079.112   | 6102328.06   | 481.14    | 0.017                     | 0.016            | 0.011           |
| 412           | 61+11.20 | 2269045.881   | 6102345.816  | 479.76    | 0.013                     | 0.016            | 0.011           |
| 413           | 59+91.76 | 2268945.731   | 6102409.726  | 475.34    | 0.013                     | 0.016            | 0.011           |
| 414           | 59+89.78 | 2268944.099   | 6102410.829  | 475.30    | 0.013                     | 0.016            | 0.011           |
| 415           | 59+52.10 | 2268914.251   | 6102433.519  | 474.03    | 0.016                     | 0.016            | 0.011           |
| 416           | 59+50.11 | 2268912.732   | 6102434.793  | 473.99    | 0.016                     | 0.016            | 0.011           |
| 417           | 59+12.25 | 2268883.682   | 6102458.789  | 472.62    | 0.016                     | 0.017            | 0.011           |
| 418           | 58+72.23 | 2268853.897   | 6102485.217  | 471.21    | 0.015                     | 0.016            | 0.011           |
| 419           | 58+32.56 | 2268825.444   | 6102512.581  | 469.65    | 0.015                     | 0.016            | 0.011           |
| 420           | 56+73.61 | 2268723.017   | 6102632.917  | 463.72    | 0.015                     | 0.018            | 0.011           |
| 421           | 56+72.10 | 2268722.01    | 6102634.047  | 463.67    | 0.016                     | 0.018            | 0.011           |
| 422           | 56+33.68 | 2268700.308   | 6102665.536  | 462.17    | 0.016                     | 0.018            | 0.011           |
| 423           | 56+31.66 | 2268699.268   | 6102667.259  | 462.14    | 0.016                     | 0.018            | 0.011           |
| 424           | 55+93.87 | 2268679.393   | 6102699.183  | 460.59    | 0.024                     | 0.018            | 0.011           |
| 425           | 54+34.63 | 2268606.976   | 6102840.27   | 454.50    | 0.022                     | 0.018            | 0.011           |
| 426           | 54+32.67 | 2268606.099   | 6102842.019  | 454.45    | 0.026                     | 0.018            | 0.011           |
| 427           | 53+92.72 | 2268589.636   | 6102878.417  | 452.86    | 0.025                     | 0.017            | 0.011           |
| 428           | 62+30.71 | 2269149.454   | 6102285.597  | 484.14    | 0.024                     | 0.017            | 0.011           |
| 429           | 62+56.03 | 2269173.066   | 6102276.124  | 485.15    | 0.016                     | 0.015            | 0.010           |
| 430           | 62+53.40 | 2269170.617   | 6102277.126  | 485.05    | 0.057                     | 0.017            | 0.012           |
| 431           | 53+94.69 | 2268590.327   | 6102876.561  | 452.95    | 0.020                     | 0.016            | 0.011           |
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| <b>QUARTERLY DATA</b> |                |                      |                     | <b>DATE OF SURVEY: 8/01/2022</b> |                |                |                |
|-----------------------|----------------|----------------------|---------------------|----------------------------------|----------------|----------------|----------------|
| <b>POINT #</b>        | <b>STATION</b> | <b>Northing (ft)</b> | <b>Easting (ft)</b> | <b>Elev (ft)</b>                 | <b>Delta N</b> | <b>Delta E</b> | <b>Delta H</b> |
| 400                   | 64+21.41       | 2269334.909          | 6102241.800         | 492.74                           | 0.01           | -0.02          | -0.01          |
| 401                   | 64+19.31       | 2269332.849          | 6102242.115         | 492.63                           | 0.00           | -0.02          | -0.02          |
| 402                   | 63+01.45       | 2269219.821          | 6102272.207         | 486.88                           | 0.02           | 0.00           | -0.02          |
| 403                   | 62+99.42       | 2269217.882          | 6102272.773         | 486.80                           | 0.02           | 0.01           | -0.02          |
| 404                   | 62+55.87       | 2269176.403          | 6102285.308         | 485.13                           | 0.02           | -0.01          | -0.02          |
| 405                   | 62+53.90       | 2269174.479          | 6102285.764         | 485.02                           | 0.01           | -0.02          | -0.02          |
| 406                   | 62+30.52       | 2269152.845          | 6102294.355         | 484.11                           | 0.00           | 0.00           | -0.02          |
| 407                   | 62+28.43       | 2269150.956          | 6102295.220         | 484.01                           | -0.01          | 0.01           | -0.01          |
| 408                   | 61+90.67       | 2269116.49           | 6102310.182         | 482.62                           | 0.00           | 0.00           | -0.02          |
| 409                   | 61+88.69       | 2269114.649          | 6102310.910         | 482.56                           | -0.01          | 0.00           | -0.01          |
| 410                   | 61+51.15       | 2269081.008          | 6102327.153         | 481.22                           | 0.00           | 0.01           | -0.01          |
| 411                   | 61+49.05       | 2269079.12           | 6102328.052         | 481.15                           | -0.01          | 0.01           | -0.01          |
| 412                   | 61+11.20       | 2269045.891          | 6102345.810         | 479.78                           | -0.01          | 0.01           | -0.02          |
| 413                   | 59+91.73       | 2268945.718          | 6102409.725         | 475.36                           | 0.01           | 0.00           | -0.02          |
| 414                   | 59+89.76       | 2268944.094          | 6102410.827         | 475.31                           | 0.00           | 0.00           | -0.01          |
| 415                   | 59+52.09       | 2268914.247          | 6102433.515         | 474.04                           | 0.00           | 0.00           | -0.01          |
| 416                   | 59+50.11       | 2268912.733          | 6102434.786         | 474.00                           | 0.00           | 0.01           | -0.01          |
| 417                   | 59+12.24       | 2268883.666          | 6102458.774         | 472.63                           | 0.02           | 0.01           | -0.01          |
| 418                   | 58+72.23       | 2268853.895          | 6102485.206         | 471.22                           | 0.00           | 0.01           | -0.01          |
| 419                   | 58+32.55       | 2268825.439          | 6102512.582         | 469.68                           | 0.00           | 0.00           | -0.03          |
| 420                   | 56+73.61       | 2268723.015          | 6102632.911         | 463.73                           | 0.00           | 0.01           | -0.01          |
| 421                   | 56+72.09       | 2268722.008          | 6102634.044         | 463.68                           | 0.00           | 0.00           | -0.01          |
| 422                   | 56+33.67       | 2268700.307          | 6102665.535         | 462.17                           | 0.00           | 0.00           | 0.00           |
| 423                   | 56+31.67       | 2268699.29           | 6102667.245         | 462.14                           | -0.02          | 0.01           | 0.00           |
| 424                   | 55+93.87       | 2268679.403          | 6102699.174         | 460.59                           | -0.01          | 0.01           | 0.00           |
| 425                   | 54+34.62       | 2268606.978          | 6102840.258         | 454.53                           | 0.00           | 0.01           | -0.03          |
| 426                   | 54+32.67       | 2268606.097          | 6102842.005         | 454.48                           | 0.00           | 0.01           | -0.03          |
| 427                   | 53+92.70       | 2268589.634          | 6102878.433         | 452.89                           | 0.00           | -0.02          | -0.03          |
| 428                   | 62+30.71       | 2269149.465          | 6102285.587         | 484.15                           | -0.01          | 0.01           | -0.01          |
| 429                   | 62+56.03       | 2269173.074          | 6102276.124         | 485.16                           | -0.01          | 0.00           | -0.01          |
| 430                   | 62+53.38       | 2269170.614          | 6102277.142         | 485.06                           | 0.00           | -0.02          | -0.01          |
| 431                   | 53+94.70       | 2268590.338          | 6102876.555         | 452.98                           | -0.01          | 0.01           | -0.03          |
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| <b>QUARTERLY DATA</b> |                |                      |                     | <b>DATE OF SURVEY: 11/04/2022</b> |                |                |                |
|-----------------------|----------------|----------------------|---------------------|-----------------------------------|----------------|----------------|----------------|
| <b>POINT #</b>        | <b>STATION</b> | <b>Northing (ft)</b> | <b>Easting (ft)</b> | <b>Elev (ft)</b>                  | <b>Delta N</b> | <b>Delta E</b> | <b>Delta H</b> |
| 400                   | 64+21.42       | 2269334.918          | 6102241.792         | 492.73                            | 0.00           | -0.01          | 0.00           |
| 401                   | 64+19.31       | 2269332.842          | 6102242.100         | 492.61                            | 0.00           | 0.00           | 0.00           |
| 402                   | 63+01.47       | 2269219.835          | 6102272.209         | 486.87                            | 0.00           | 0.00           | -0.01          |
| 403                   | 62+99.42       | 2269217.888          | 6102272.776         | 486.79                            | 0.01           | 0.01           | -0.01          |
| 404                   | 62+55.89       | 2269176.414          | 6102285.300         | 485.12                            | 0.01           | 0.00           | -0.01          |
| 405                   | 62+53.91       | 2269174.478          | 6102285.737         | 485.02                            | 0.01           | 0.01           | -0.02          |
| 406                   | 62+30.52       | 2269152.838          | 6102294.335         | 484.10                            | 0.01           | 0.02           | -0.01          |
| 407                   | 62+28.42       | 2269150.942          | 6102295.221         | 484.01                            | 0.00           | 0.01           | -0.01          |
| 408                   | 61+90.68       | 2269116.494          | 6102310.174         | 482.61                            | -0.01          | 0.01           | -0.01          |
| 409                   | 61+88.69       | 2269114.644          | 6102310.896         | 482.56                            | -0.01          | 0.02           | -0.01          |
| 410                   | 61+51.16       | 2269081.007          | 6102327.140         | 481.22                            | 0.00           | 0.03           | -0.01          |
| 411                   | 61+49.05       | 2269079.118          | 6102328.049         | 481.15                            | -0.01          | 0.01           | 0.00           |
| 412                   | 61+11.20       | 2269045.894          | 6102345.809         | 479.77                            | -0.01          | 0.01           | 0.00           |
| 413                   | 59+91.74       | 2268945.720          | 6102409.723         | 475.35                            | 0.01           | 0.00           | -0.01          |
| 414                   | 59+89.76       | 2268944.090          | 6102410.820         | 475.30                            | 0.01           | 0.01           | 0.00           |
| 415                   | 59+52.10       | 2268914.250          | 6102433.510         | 474.04                            | 0.00           | 0.01           | -0.01          |
| 416                   | 59+50.11       | 2268912.741          | 6102434.785         | 474.00                            | -0.01          | 0.01           | -0.01          |
| 417                   | 59+12.25       | 2268883.672          | 6102458.762         | 472.64                            | 0.01           | 0.03           | -0.01          |
| 418                   | 58+72.23       | 2268853.889          | 6102485.189         | 471.22                            | 0.01           | 0.03           | -0.01          |
| 419                   | 58+32.53       | 2268825.426          | 6102512.593         | 469.67                            | 0.02           | -0.01          | -0.02          |
| 420                   | 56+73.62       | 2268723.017          | 6102632.898         | 463.74                            | 0.00           | 0.02           | -0.02          |
| 421                   | 56+72.09       | 2268721.993          | 6102634.032         | 463.69                            | 0.02           | 0.01           | -0.02          |
| 422                   | 56+33.68       | 2268700.296          | 6102665.517         | 462.17                            | 0.01           | 0.02           | 0.00           |
| 423                   | 56+31.67       | 2268699.290          | 6102667.252         | 462.14                            | -0.02          | 0.01           | 0.00           |
| 424                   | 55+93.88       | 2268679.398          | 6102699.167         | 460.60                            | 0.00           | 0.02           | -0.01          |
| 425                   | 54+34.63       | 2268606.992          | 6102840.258         | 454.51                            | -0.02          | 0.01           | -0.01          |
| 426                   | 54+32.68       | 2268606.107          | 6102841.996         | 454.46                            | -0.01          | 0.02           | -0.01          |
| 427                   | 53+92.71       | 2268589.632          | 6102878.417         | 452.87                            | 0.00           | 0.00           | -0.01          |
| 428                   | 62+30.68       | 2269149.445          | 6102285.610         | 484.13                            | 0.01           | -0.01          | 0.01           |
| 429                   | 62+55.99       | 2269173.042          | 6102276.127         | 485.15                            | 0.02           | 0.00           | 0.00           |
| 430                   | 62+53.34       | 2269170.584          | 6102277.154         | 485.04                            | 0.03           | -0.03          | 0.01           |
| 431                   | 53+94.70       | 2268590.358          | 6102876.556         | 452.97                            | -0.03          | 0.00           | -0.02          |
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| <b>QUARTERLY DATA</b> |                |                      |                     | <b>DATE OF SURVEY: 2/08/2023</b> |                |                |                |
|-----------------------|----------------|----------------------|---------------------|----------------------------------|----------------|----------------|----------------|
| <b>POINT #</b>        | <b>STATION</b> | <b>Northing (ft)</b> | <b>Easting (ft)</b> | <b>Elev (ft)</b>                 | <b>Delta N</b> | <b>Delta E</b> | <b>Delta H</b> |
| 400                   | 64+21.41       | 2269334.918          | 6102241.783         | 492.72                           | 0.00           | 0.00           | 0.01           |
| 401                   | 64+19.31       | 2269332.839          | 6102242.090         | 492.60                           | 0.01           | 0.01           | 0.01           |
| 402                   | 63+01.46       | 2269219.830          | 6102272.200         | 486.86                           | 0.01           | 0.01           | 0.00           |
| 403                   | 62+99.42       | 2269217.882          | 6102272.767         | 486.79                           | 0.02           | 0.02           | -0.01          |
| 404                   | 62+55.88       | 2269176.418          | 6102285.298         | 485.12                           | 0.00           | 0.00           | -0.01          |
| 405                   | 62+53.90       | 2269174.462          | 6102285.726         | 484.98                           | 0.02           | 0.02           | 0.02           |
| 406                   | 62+30.52       | 2269152.83           | 6102294.315         | 484.07                           | 0.01           | 0.04           | 0.02           |
| 407                   | 62+28.42       | 2269150.939          | 6102295.208         | 483.98                           | 0.01           | 0.02           | 0.02           |
| 408                   | 61+90.68       | 2269116.503          | 6102310.157         | 482.58                           | -0.02          | 0.03           | 0.02           |
| 409                   | 61+88.69       | 2269114.648          | 6102310.889         | 482.54                           | -0.01          | 0.02           | 0.01           |
| 410                   | 61+51.16       | 2269081.016          | 6102327.128         | 481.20                           | -0.01          | 0.04           | 0.01           |
| 411                   | 61+49.05       | 2269079.122          | 6102328.044         | 481.12                           | -0.01          | 0.02           | 0.02           |
| 412                   | 61+11.20       | 2269045.871          | 6102345.806         | 479.77                           | 0.01           | 0.01           | -0.01          |
| 413                   | 59+91.73       | 2268945.731          | 6102409.718         | 475.35                           | 0.00           | 0.01           | -0.01          |
| 414                   | 59+89.76       | 2268944.098          | 6102410.821         | 475.30                           | 0.00           | 0.01           | 0.00           |
| 415                   | 59+52.10       | 2268914.240          | 6102433.518         | 474.03                           | 0.01           | 0.00           | 0.00           |
| 416                   | 59+50.11       | 2268912.736          | 6102434.787         | 473.99                           | 0.00           | 0.01           | 0.00           |
| 417                   | 59+12.25       | 2268883.673          | 6102458.760         | 472.62                           | 0.01           | 0.03           | 0.00           |
| 418                   | 58+72.22       | 2268853.889          | 6102485.197         | 471.20                           | 0.01           | 0.02           | 0.01           |
| 419                   | 58+32.55       | 2268825.432          | 6102512.574         | 469.65                           | 0.01           | 0.01           | 0.00           |
| 420                   | 56+73.62       | 2268723.016          | 6102632.904         | 463.72                           | 0.00           | 0.01           | 0.00           |
| 421                   | 56+72.09       | 2268721.997          | 6102634.042         | 463.67                           | 0.01           | 0.00           | 0.00           |
| 422                   | 56+33.69       | 2268700.304          | 6102665.517         | 462.17                           | 0.00           | 0.02           | 0.00           |
| 423                   | 56+31.66       | 2268699.275          | 6102667.239         | 462.14                           | -0.01          | 0.02           | 0.00           |
| 424                   | 55+93.87       | 2268679.403          | 6102699.173         | 460.59                           | -0.01          | 0.01           | 0.00           |
| 425                   | 54+34.63       | 2268606.985          | 6102840.272         | 454.52                           | -0.01          | 0.00           | -0.02          |
| 426                   | 54+32.67       | 2268606.086          | 6102842.000         | 454.47                           | 0.01           | 0.02           | -0.02          |
| 427                   | 53+92.72       | 2268589.639          | 6102878.443         | 452.85                           | 0.00           | -0.03          | 0.01           |
| 428                   | 62+30.69       | 2269149.456          | 6102285.596         | 484.13                           | 0.00           | 0.00           | 0.01           |
| 429                   | 62+56.01       | 2269173.052          | 6102276.119         | 485.15                           | 0.01           | 0.00           | 0.00           |
| 430                   | 62+53.36       | 2269170.600          | 6102277.149         | 485.05                           | 0.02           | -0.02          | 0.00           |
| 431                   | 53+94.70       | 2268590.335          | 6102876.549         | 452.95                           | -0.01          | 0.01           | 0.00           |
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| <b>QUARTERLY DATA</b> |                |                      |                     |                  | <b>DATE OF SURVEY: 4/25/2023</b> |                |                |
|-----------------------|----------------|----------------------|---------------------|------------------|----------------------------------|----------------|----------------|
| <b>POINT #</b>        | <b>STATION</b> | <b>Northing (ft)</b> | <b>Easting (ft)</b> | <b>Elev (ft)</b> | <b>Delta N</b>                   | <b>Delta E</b> | <b>Delta H</b> |
| 400                   | 64+21.42       | 2269334.909          | 6102241.788         | 492.71           | 0.01                             | 0.00           | 0.02           |
| 401                   | 64+19.31       | 2269332.842          | 6102242.100         | 492.59           | 0.00                             | 0.00           | 0.02           |
| 402                   | 63+01.46       | 2269219.828          | 6102272.205         | 486.85           | 0.01                             | 0.00           | 0.01           |
| 403                   | 62+99.42       | 2269217.888          | 6102272.777         | 486.78           | 0.01                             | 0.01           | 0.00           |
| 404                   | 62+55.89       | 2269176.409          | 6102285.304         | 485.11           | 0.01                             | -0.01          | 0.00           |
| 405                   | 62+53.90       | 2269174.462          | 6102285.732         | 484.99           | 0.02                             | 0.02           | 0.01           |
| 406                   | 62+30.52       | 2269152.833          | 6102294.327         | 484.08           | 0.01                             | 0.02           | 0.01           |
| 407                   | 62+28.42       | 2269150.947          | 6102295.217         | 483.99           | 0.00                             | 0.01           | 0.01           |
| 408                   | 61+90.70       | 2269116.492          | 6102310.178         | 482.59           | 0.00                             | 0.01           | 0.01           |
| 409                   | 61+88.70       | 2269114.640          | 6102310.886         | 482.54           | 0.00                             | 0.03           | 0.01           |
| 410                   | 61+51.17       | 2269080.997          | 6102327.125         | 481.20           | 0.01                             | 0.04           | 0.01           |
| 411                   | 61+49.06       | 2269079.107          | 6102328.027         | 481.13           | 0.00                             | 0.03           | 0.01           |
| 412                   | 61+11.18       | 2269045.869          | 6102345.771         | 479.75           | 0.01                             | 0.05           | 0.01           |
| 413                   | 59+91.75       | 2268945.713          | 6102409.723         | 475.34           | 0.02                             | 0.00           | 0.00           |
| 414                   | 59+89.77       | 2268944.080          | 6102410.818         | 475.28           | 0.02                             | 0.01           | 0.02           |
| 415                   | 59+52.09       | 2268914.250          | 6102433.515         | 474.02           | 0.00                             | 0.00           | 0.01           |
| 416                   | 59+50.11       | 2268912.735          | 6102434.783         | 473.98           | 0.00                             | 0.01           | 0.01           |
| 417                   | 59+12.25       | 2268883.674          | 6102458.761         | 472.62           | 0.01                             | 0.03           | 0.00           |
| 418                   | 58+72.23       | 2268853.893          | 6102485.211         | 471.21           | 0.00                             | 0.01           | 0.00           |
| 419                   | 58+32.55       | 2268825.437          | 6102512.582         | 469.66           | 0.01                             | 0.00           | -0.01          |
| 420                   | 56+73.61       | 2268723.008          | 6102632.892         | 463.72           | 0.01                             | 0.03           | 0.00           |
| 421                   | 56+72.09       | 2268721.978          | 6102634.021         | 463.67           | 0.03                             | 0.03           | 0.00           |
| 422                   | 56+33.68       | 2268700.293          | 6102665.507         | 462.16           | 0.01                             | 0.03           | 0.01           |
| 423                   | 56+31.67       | 2268699.264          | 6102667.240         | 462.13           | 0.00                             | 0.02           | 0.01           |
| 424                   | 55+93.87       | 2268679.400          | 6102699.171         | 460.59           | -0.01                            | 0.01           | 0.00           |
| 425                   | 54+34.62       | 2268606.959          | 6102840.239         | 454.52           | 0.02                             | 0.03           | -0.02          |
| 426                   | 54+32.67       | 2268606.074          | 6102841.989         | 454.47           | 0.02                             | 0.03           | -0.02          |
| 427                   | 53+92.69       | 2268589.618          | 6102878.403         | 452.87           | 0.02                             | 0.01           | -0.01          |
| 428                   | 62+30.70       | 2269149.447          | 6102285.604         | 484.13           | 0.01                             | -0.01          | 0.01           |
| 429                   | 62+56.01       | 2269173.064          | 6102276.127         | 485.14           | 0.00                             | 0.00           | 0.01           |
| 430                   | 62+53.36       | 2269170.603          | 6102277.151         | 485.05           | 0.01                             | -0.02          | 0.00           |
| 431                   | 53+94.70       | 2268590.325          | 6102876.541         | 452.97           | 0.00                             | 0.02           | -0.02          |

| QUARTERLY DATA |          |               |              |           | DATE OF SURVEY: 8/08/2023 |         |         |
|----------------|----------|---------------|--------------|-----------|---------------------------|---------|---------|
| POINT #        | STATION  | Northing (ft) | Easting (ft) | Elev (ft) | Delta N                   | Delta E | Delta H |
| 400            | 64+21.40 | 2269334.903   | 6102241.794  | 492.72    | 0.01                      | -0.01   | 0.02    |
| 401            | 64+19.30 | 2269332.839   | 6102242.113  | 492.60    | 0.01                      | -0.02   | 0.01    |
| 402            | 63+01.45 | 2269219.824   | 6102272.213  | 486.86    | 0.01                      | 0.00    | 0.00    |
| 403            | 62+99.42 | 2269217.886   | 6102272.782  | 486.79    | 0.01                      | 0.00    | -0.01   |
| 404            | 62+55.88 | 2269176.414   | 6102285.313  | 485.12    | 0.01                      | -0.02   | 0.00    |
| 405            | 62+53.90 | 2269174.462   | 6102285.731  | 485.00    | 0.02                      | 0.02    | 0.00    |
| 406            | 62+30.52 | 2269152.836   | 6102294.325  | 484.10    | 0.01                      | 0.03    | -0.01   |
| 407            | 62+28.42 | 2269150.945   | 6102295.224  | 484.00    | 0.00                      | 0.01    | 0.00    |
| 408            | 61+90.68 | 2269116.499   | 6102310.179  | 482.60    | -0.01                     | 0.01    | 0.00    |
| 409            | 61+88.69 | 2269114.646   | 6102310.896  | 482.55    | -0.01                     | 0.02    | 0.00    |
| 410            | 61+51.16 | 2269081.003   | 6102327.128  | 481.21    | 0.01                      | 0.04    | 0.00    |
| 411            | 61+49.05 | 2269079.111   | 6102328.031  | 481.14    | 0.00                      | 0.03    | 0.00    |
| 412            | 61+11.19 | 2269045.869   | 6102345.778  | 479.76    | 0.01                      | 0.04    | 0.00    |
| 413            | 59+91.73 | 2268945.712   | 6102409.727  | 475.33    | 0.02                      | 0.00    | 0.01    |
| 414            | 59+89.76 | 2268944.082   | 6102410.82   | 475.28    | 0.02                      | 0.01    | 0.02    |
| 415            | 59+52.09 | 2268914.246   | 6102433.518  | 474.02    | 0.00                      | 0.00    | 0.01    |
| 416            | 59+50.11 | 2268912.738   | 6102434.787  | 473.98    | -0.01                     | 0.01    | 0.01    |
| 417            | 59+12.24 | 2268883.673   | 6102458.781  | 472.61    | 0.01                      | 0.01    | 0.01    |
| 418            | 58+72.23 | 2268853.91    | 6102485.217  | 471.21    | -0.01                     | 0.00    | 0.00    |
| 419            | 58+32.55 | 2268825.435   | 6102512.571  | 469.65    | 0.01                      | 0.01    | 0.00    |
| 420            | 56+73.62 | 2268723.034   | 6102632.912  | 463.73    | -0.02                     | 0.01    | -0.01   |
| 421            | 56+72.08 | 2268721.988   | 6102634.04   | 463.68    | 0.02                      | 0.01    | -0.01   |
| 422            | 56+33.68 | 2268700.291   | 6102665.512  | 462.16    | 0.02                      | 0.02    | 0.01    |
| 423            | 56+31.67 | 2268699.274   | 6102667.244  | 462.13    | -0.01                     | 0.02    | 0.01    |
| 424            | 55+93.88 | 2268679.392   | 6102699.162  | 460.59    | 0.00                      | 0.02    | 0.00    |
| 425            | 54+34.64 | 2268606.962   | 6102840.238  | 454.52    | 0.01                      | 0.03    | -0.02   |
| 426            | 54+32.67 | 2268606.084   | 6102841.999  | 454.48    | 0.01                      | 0.02    | -0.03   |
| 427            | 53+92.71 | 2268589.611   | 6102878.401  | 452.87    | 0.02                      | 0.02    | -0.01   |
| 428            | 62+30.67 | 2269149.427   | 6102285.612  | 484.14    | 0.03                      | -0.01   | 0.00    |
| 429            | 62+55.99 | 2269173.033   | 6102276.123  | 485.16    | 0.03                      | 0.00    | -0.01   |
| 430            | 62+53.35 | 2269170.587   | 6102277.155  | 485.05    | 0.03                      | -0.03   | 0.00    |
| 431            | 53+94.69 | 2268590.314   | 6102876.547  | 452.97    | 0.01                      | 0.01    | -0.02   |

| QUARTERLY DATA |          |               |              |           | DATE OF SURVEY: 11/08/2023 |         |         |
|----------------|----------|---------------|--------------|-----------|----------------------------|---------|---------|
| POINT #        | STATION  | Northing (ft) | Easting (ft) | Elev (ft) | Delta N                    | Delta E | Delta H |
| 400            | 64+21.42 | 2269334.912   | 6102241.79   | 492.709   | 0.00                       | -0.01   | 0.02    |
| 401            | 64+19.31 | 2269332.834   | 6102242.094  | 492.593   | 0.01                       | 0.00    | 0.02    |
| 402            | 63+01.46 | 2269219.824   | 6102272.21   | 486.846   | 0.01                       | 0.00    | 0.01    |
| 403            | 62+99.43 | 2269217.885   | 6102272.778  | 486.775   | 0.02                       | 0.01    | 0.00    |
| 404            | 62+55.89 | 2269176.409   | 6102285.307  | 485.099   | 0.01                       | -0.01   | 0.01    |
| 405            | 62+53.93 | 2269174.484   | 6102285.73   | 485.002   | 0.00                       | 0.02    | 0.00    |
| 406            | 62+30.53 | 2269152.846   | 6102294.339  | 484.094   | 0.00                       | 0.01    | 0.00    |
| 407            | 62+28.45 | 2269150.968   | 6102295.235  | 484.001   | -0.02                      | 0.00    | 0.00    |
| 408            | 61+90.69 | 2269116.494   | 6102310.18   | 482.588   | -0.01                      | 0.01    | 0.01    |
| 409            | 61+88.70 | 2269114.639   | 6102310.891  | 482.54    | 0.00                       | 0.02    | 0.01    |
| 410            | 61+51.17 | 2269080.998   | 6102327.12   | 481.198   | 0.01                       | 0.05    | 0.01    |
| 411            | 61+49.05 | 2269079.102   | 6102328.037  | 481.125   | 0.01                       | 0.02    | 0.01    |
| 412            | 61+11.21 | 2269045.891   | 6102345.793  | 479.765   | -0.01                      | 0.02    | 0.00    |
| 413            | 59+91.75 | 2268945.724   | 6102409.725  | 475.322   | 0.01                       | 0.00    | 0.02    |
| 414            | 59+89.77 | 2268944.085   | 6102410.815  | 475.268   | 0.01                       | 0.01    | 0.03    |
| 415            | 59+52.10 | 2268914.239   | 6102433.512  | 474.006   | 0.01                       | 0.01    | 0.02    |
| 416            | 59+50.13 | 2268912.74    | 6102434.78   | 473.964   | -0.01                      | 0.01    | 0.03    |
| 417            | 59+12.26 | 2268883.673   | 6102458.762  | 472.6     | 0.01                       | 0.03    | 0.02    |
| 418            | 58+72.24 | 2268853.9     | 6102485.211  | 471.204   | 0.00                       | 0.01    | 0.01    |
| 419            | 58+32.55 | 2268825.442   | 6102512.599  | 469.652   | 0.00                       | -0.02   | 0.00    |
| 420            | 56+73.62 | 2268723.023   | 6102632.911  | 463.705   | -0.01                      | 0.01    | 0.02    |
| 421            | 56+72.09 | 2268721.978   | 6102634.034  | 463.657   | 0.03                       | 0.01    | 0.01    |
| 422            | 56+33.69 | 2268700.273   | 6102665.503  | 462.14    | 0.03                       | 0.03    | 0.03    |
| 423            | 56+31.68 | 2268699.279   | 6102667.241  | 462.12    | -0.01                      | 0.02    | 0.02    |
| 424            | 55+93.89 | 2268679.396   | 6102699.164  | 460.567   | 0.00                       | 0.02    | 0.02    |
| 425            | 54+34.62 | 2268606.954   | 6102840.26   | 454.501   | 0.02                       | 0.01    | 0.00    |
| 426            | 54+32.67 | 2268606.068   | 6102842.002  | 454.45    | 0.03                       | 0.02    | 0.00    |
| 427            | 53+92.70 | 2268589.628   | 6102878.433  | 452.866   | 0.01                       | -0.02   | -0.01   |
| 428            | 62+30.70 | 2269149.445   | 6102285.6    | 484.136   | 0.01                       | 0.00    | 0.00    |
| 429            | 62+56.00 | 2269173.036   | 6102276.131  | 485.151   | 0.03                       | -0.01   | 0.00    |
| 430            | 62+53.35 | 2269170.585   | 6102277.173  | 485.048   | 0.03                       | -0.05   | 0.00    |
| 431            | 53+94.70 | 2268590.34    | 6102876.56   | 452.958   | -0.01                      | 0.00    | -0.01   |

| QUARTERLY DATA |          |               |              |           | DATE OF SURVEY: 01/30/2024 |         |         |
|----------------|----------|---------------|--------------|-----------|----------------------------|---------|---------|
| POINT #        | STATION  | Northing (ft) | Easting (ft) | Elev (ft) | Delta N                    | Delta E | Delta H |
| 400            | 64+21.41 | 2269334.903   | 6102241.772  | 492.683   | 0.01                       | 0.01    | 0.05    |
| 401            | 64+19.30 | 2269332.833   | 6102242.087  | 492.566   | 0.01                       | 0.01    | 0.04    |
| 402            | 63+01.45 | 2269219.823   | 6102272.207  | 486.824   | 0.01                       | 0.00    | 0.04    |
| 403            | 62+99.42 | 2269217.883   | 6102272.774  | 486.751   | 0.02                       | 0.01    | 0.03    |
| 404            | 62+55.89 | 2269176.418   | 6102285.299  | 485.084   | 0.00                       | 0.00    | 0.03    |
| 405            | 62+53.90 | 2269174.463   | 6102285.726  | 484.979   | 0.02                       | 0.02    | 0.02    |
| 406            | 62+30.53 | 2269152.841   | 6102294.316  | 484.068   | 0.00                       | 0.03    | 0.02    |
| 407            | 62+28.42 | 2269150.943   | 6102295.218  | 483.973   | 0.00                       | 0.01    | 0.03    |
| 408            | 61+90.69 | 2269116.501   | 6102310.162  | 482.569   | -0.01                      | 0.02    | 0.03    |
| 409            | 61+88.69 | 2269114.638   | 6102310.878  | 482.519   | 0.00                       | 0.03    | 0.03    |
| 410            | 61+51.15 | 2269080.995   | 6102327.130  | 481.177   | 0.01                       | 0.04    | 0.03    |
| 411            | 61+49.05 | 2269079.105   | 6102328.032  | 481.102   | 0.01                       | 0.03    | 0.04    |
| 412            | 61+11.19 | 2269045.879   | 6102345.799  | 479.725   | 0.00                       | 0.02    | 0.03    |
| 413            | 59+91.74 | 2268945.728   | 6102409.725  | 475.302   | 0.00                       | 0.00    | 0.04    |
| 414            | 59+89.77 | 2268944.093   | 6102410.814  | 475.251   | 0.01                       | 0.02    | 0.05    |
| 415            | 59+52.10 | 2268914.256   | 6102433.508  | 473.988   | -0.01                      | 0.01    | 0.04    |
| 416            | 59+50.12 | 2268912.736   | 6102434.778  | 473.947   | 0.00                       | 0.01    | 0.04    |
| 417            | 59+12.24 | 2268883.661   | 6102458.769  | 472.587   | 0.02                       | 0.02    | 0.03    |
| 418            | 58+72.23 | 2268853.895   | 6102485.208  | 471.186   | 0.00                       | 0.01    | 0.02    |
| 419            | 58+32.55 | 2268825.428   | 6102512.572  | 469.628   | 0.02                       | 0.01    | 0.02    |
| 420            | 56+73.61 | 2268723.018   | 6102632.909  | 463.699   | 0.00                       | 0.01    | 0.02    |
| 421            | 56+72.09 | 2268721.975   | 6102634.020  | 463.651   | 0.04                       | 0.03    | 0.02    |
| 422            | 56+33.68 | 2268700.273   | 6102665.504  | 462.134   | 0.03                       | 0.03    | 0.04    |
| 423            | 56+31.66 | 2268699.266   | 6102667.248  | 462.108   | 0.00                       | 0.01    | 0.03    |
| 424            | 55+93.87 | 2268679.400   | 6102699.175  | 460.559   | -0.01                      | 0.01    | 0.03    |
| 425            | 54+34.62 | 2268606.962   | 6102840.256  | 454.487   | 0.01                       | 0.01    | 0.01    |
| 426            | 54+32.66 | 2268606.074   | 6102842.001  | 454.438   | 0.02                       | 0.02    | 0.01    |
| 427            | 53+92.69 | 2268589.640   | 6102878.439  | 452.86    | 0.00                       | -0.02   | 0.00    |
| 428            | 62+30.69 | 2269149.456   | 6102285.608  | 484.111   | 0.00                       | -0.01   | 0.03    |
| 429            | 62+56.01 | 2269173.059   | 6102276.129  | 485.124   | 0.01                       | -0.01   | 0.03    |
| 430            | 62+53.36 | 2269170.600   | 6102277.152  | 485.021   | 0.02                       | -0.03   | 0.03    |
| 431            | 53+94.69 | 2268590.345   | 6102876.563  | 452.948   | -0.02                      | 0.00    | 0.00    |

| QUARTERLY DATA |          |               |              |           | DATE OF SURVEY: 05/30/24 |         |         |
|----------------|----------|---------------|--------------|-----------|--------------------------|---------|---------|
| POINT #        | STATION  | Northing (ft) | Easting (ft) | Elev (ft) | Delta N                  | Delta E | Delta H |
| 400            | 64+21.41 | 2269334.888   | 6102241.753  | 492.7     | 0.03                     | 0.03    | 0.03    |
| 401            | 64+19.31 | 2269332.823   | 6102242.071  | 492.59    | 0.02                     | 0.03    | 0.02    |
| 402            | 63+01.45 | 2269219.805   | 6102272.197  | 486.84    | 0.03                     | 0.01    | 0.02    |
| 403            | 62+99.43 | 2269217.881   | 6102272.769  | 486.77    | 0.02                     | 0.02    | 0.01    |
| 404            | 62+55.89 | 2269176.409   | 6102285.305  | 485.09    | 0.01                     | -0.01   | 0.02    |
| 405            | 62+53.90 | 2269174.446   | 6102285.712  | 484.98    | 0.04                     | 0.04    | 0.02    |
| 406            | 62+30.53 | 2269152.833   | 6102294.315  | 484.07    | 0.01                     | 0.04    | 0.02    |
| 407            | 62+28.43 | 2269150.944   | 6102295.222  | 483.98    | 0.00                     | 0.01    | 0.02    |
| 408            | 61+90.69 | 2269116.493   | 6102310.174  | 482.58    | -0.01                    | 0.01    | 0.02    |
| 409            | 61+88.70 | 2269114.631   | 6102310.872  | 482.53    | 0.01                     | 0.04    | 0.02    |
| 410            | 61+51.16 | 2269080.988   | 6102327.117  | 481.19    | 0.02                     | 0.05    | 0.02    |
| 411            | 61+49.05 | 2269079.093   | 6102328.018  | 481.12    | 0.02                     | 0.04    | 0.02    |
| 412            | 61+11.20 | 2269045.862   | 6102345.773  | 479.74    | 0.02                     | 0.04    | 0.02    |
| 413            | 59+91.74 | 2268945.705   | 6102409.714  | 475.32    | 0.03                     | 0.01    | 0.02    |
| 414            | 59+89.77 | 2268944.076   | 6102410.81   | 475.27    | 0.02                     | 0.02    | 0.03    |
| 415            | 59+52.09 | 2268914.235   | 6102433.514  | 474       | 0.02                     | 0.01    | 0.03    |
| 416            | 59+50.11 | 2268912.721   | 6102434.782  | 473.96    | 0.01                     | 0.01    | 0.03    |
| 417            | 59+12.25 | 2268883.668   | 6102458.769  | 472.6     | 0.01                     | 0.02    | 0.02    |
| 418            | 58+72.24 | 2268853.899   | 6102485.209  | 471.2     | 0.00                     | 0.01    | 0.01    |
| 419            | 58+32.55 | 2268825.422   | 6102512.569  | 469.65    | 0.02                     | 0.01    | 0.00    |
| 420            | 56+73.62 | 2268723.016   | 6102632.912  | 463.7     | 0.00                     | 0.01    | 0.02    |
| 421            | 56+72.08 | 2268721.949   | 6102634.034  | 463.65    | 0.06                     | 0.01    | 0.02    |
| 422            | 56+33.66 | 2268700.27    | 6102665.535  | 462.15    | 0.04                     | 0.00    | 0.02    |
| 423            | 56+31.65 | 2268699.273   | 6102667.27   | 462.12    | -0.01                    | -0.01   | 0.02    |
| 424            | 55+93.86 | 2268679.419   | 6102699.208  | 460.51    | -0.03                    | -0.02   | 0.08    |
| 425            | 54+34.64 | 2268606.956   | 6102840.241  | 454.5     | 0.02                     | 0.03    | 0.00    |
| 426            | 54+32.69 | 2268606.06    | 6102841.981  | 454.45    | 0.04                     | 0.04    | 0.00    |
| 427            | 53+92.72 | 2268589.618   | 6102878.41   | 452.86    | 0.02                     | 0.01    | 0.00    |
| 428            | 62+30.69 | 2269149.44    | 6102285.605  | 484.11    | 0.01                     | -0.01   | 0.03    |
| 429            | 62+56.01 | 2269173.043   | 6102276.122  | 485.13    | 0.02                     | 0.00    | 0.02    |
| 430            | 62+53.36 | 2269170.589   | 6102277.162  | 485.03    | 0.03                     | -0.04   | 0.02    |
| 431            | 53+94.71 | 2268590.311   | 6102876.536  | 452.95    | 0.02                     | 0.02    | 0.00    |

| QUARTERLY DATA |          |               |              |           | DATE OF SURVEY: 08/12/24 |         |         |
|----------------|----------|---------------|--------------|-----------|--------------------------|---------|---------|
| POINT #        | STATION  | Northing (ft) | Easting (ft) | Elev (ft) | Delta N                  | Delta E | Delta H |
| 400            | 64+21.41 | 2269334.892   | 6102241.772  | 492.69    | 0.03                     | 0.01    | 0.04    |
| 401            | 64+19.31 | 2269332.828   | 6102242.085  | 492.57    | 0.03                     | 0.01    | 0.04    |
| 402            | 63+01.45 | 2269219.806   | 6102272.195  | 486.84    | 0.01                     | 0.01    | 0.03    |
| 403            | 62+99.43 | 2269217.878   | 6102272.773  | 486.76    | 0.02                     | 0.01    | 0.02    |
| 404            | 62+55.89 | 2269176.405   | 6102285.304  | 485.08    | -0.01                    | -0.01   | 0.03    |
| 405            | 62+53.91 | 2269174.455   | 6102285.726  | 484.98    | 0.04                     | 0.02    | 0.02    |
| 406            | 62+30.53 | 2269152.838   | 6102294.318  | 484.07    | 0.04                     | 0.03    | 0.02    |
| 407            | 62+28.44 | 2269150.95    | 6102295.211  | 483.98    | 0.01                     | 0.02    | 0.02    |
| 408            | 61+90.7  | 2269116.499   | 6102310.166  | 482.57    | 0.01                     | 0.02    | 0.03    |
| 409            | 61+88.71 | 2269114.639   | 6102310.861  | 482.52    | 0.04                     | 0.05    | 0.03    |
| 410            | 61+51.17 | 2269080.988   | 6102327.106  | 481.18    | 0.05                     | 0.06    | 0.03    |
| 411            | 61+49.06 | 2269079.095   | 6102328.008  | 481.10    | 0.04                     | 0.05    | 0.04    |
| 412            | 61+11.2  | 2269045.859   | 6102345.768  | 479.74    | 0.04                     | 0.05    | 0.02    |
| 413            | 59+91.74 | 2268945.713   | 6102409.720  | 475.31    | 0.01                     | 0.01    | 0.03    |
| 414            | 59+89.77 | 2268944.081   | 6102410.810  | 475.26    | 0.02                     | 0.02    | 0.05    |
| 415            | 59+52.11 | 2268914.244   | 6102433.508  | 473.99    | 0.01                     | 0.01    | 0.04    |
| 416            | 59+50.13 | 2268912.736   | 6102434.778  | 473.95    | 0.01                     | 0.01    | 0.04    |
| 417            | 59+12.24 | 2268883.662   | 6102458.777  | 472.59    | 0.02                     | 0.01    | 0.03    |
| 418            | 58+72.24 | 2268853.899   | 6102485.203  | 471.19    | 0.01                     | 0.01    | 0.02    |
| 419            | 58+32.56 | 2268825.428   | 6102512.563  | 469.64    | 0.01                     | 0.02    | 0.01    |
| 420            | 56+73.62 | 2268723.02    | 6102632.906  | 463.71    | 0.01                     | 0.01    | 0.02    |
| 421            | 56+72.1  | 2268721.966   | 6102634.015  | 463.64    | 0.01                     | 0.03    | 0.03    |
| 422            | 56+33.69 | 2268700.263   | 6102665.499  | 462.14    | 0.00                     | 0.04    | 0.03    |
| 423            | 56+31.66 | 2268699.254   | 6102667.246  | 462.11    | -0.01                    | 0.01    | 0.03    |
| 424            | 55+93.88 | 2268679.408   | 6102699.179  | 460.56    | -0.02                    | 0.00    | 0.03    |
| 425            | 54+34.64 | 2268606.962   | 6102840.248  | 454.50    | 0.03                     | 0.02    | 0.00    |
| 426            | 54+32.68 | 2268606.052   | 6102841.984  | 454.45    | 0.04                     | 0.04    | 0.00    |
| 427            | 53+92.72 | 2268589.611   | 6102878.411  | 452.86    | 0.01                     | 0.01    | 0.00    |
| 428            | 62+30.7  | 2269149.446   | 6102285.602  | 484.11    | -0.01                    | 0.00    | 0.03    |
| 429            | 62+56.02 | 2269173.051   | 6102276.118  | 485.13    | 0.00                     | 0.01    | 0.02    |
| 430            | 62+53.37 | 2269170.596   | 6102277.149  | 485.03    | -0.04                    | -0.02   | 0.03    |
| 431            | 53+94.7  | 2268590.312   | 6102876.550  | 452.95    | 0.02                     | 0.01    | 0.00    |

| QUARTERLY DATA |          |               |              |           | DATE OF SURVEY: 10/10/24 |         |         |
|----------------|----------|---------------|--------------|-----------|--------------------------|---------|---------|
| POINT #        | STATION  | Northing (ft) | Easting (ft) | Elev (ft) | Delta N                  | Delta E | Delta H |
| 400            | 64+21.42 | 2269334.90    | 6102241.76   | 492.69    | 0.02                     | 0.02    | 0.04    |
| 401            | 64+19.31 | 2269332.83    | 6102242.08   | 492.58    | 0.01                     | 0.02    | 0.03    |
| 402            | 63+01.47 | 2269219.82    | 6102272.20   | 486.83    | 0.01                     | 0.01    | 0.03    |
| 403            | 62+99.43 | 2269217.89    | 6102272.77   | 486.76    | 0.01                     | 0.02    | 0.02    |
| 404            | 62+55.89 | 2269176.41    | 6102285.30   | 485.08    | 0.02                     | 0.00    | 0.03    |
| 405            | 62+53.91 | 2269174.46    | 6102285.73   | 484.97    | 0.03                     | 0.02    | 0.03    |
| 406            | 62+30.53 | 2269152.83    | 6102294.32   | 484.06    | 0.02                     | 0.03    | 0.03    |
| 407            | 62+28.44 | 2269150.95    | 6102295.22   | 483.97    | 0.00                     | 0.01    | 0.03    |
| 408            | 61+90.69 | 2269116.49    | 6102310.17   | 482.58    | -0.01                    | 0.01    | 0.03    |
| 409            | 61+88.70 | 2269114.63    | 6102310.87   | 482.53    | 0.01                     | 0.04    | 0.02    |
| 410            | 61+51.16 | 2269080.99    | 6102327.12   | 481.19    | 0.02                     | 0.05    | 0.02    |
| 411            | 61+49.06 | 2269079.09    | 6102328.01   | 481.11    | 0.02                     | 0.05    | 0.03    |
| 412            | 61+11.21 | 2269045.88    | 6102345.78   | 479.73    | 0.00                     | 0.03    | 0.03    |
| 413            | 59+91.74 | 2268945.70    | 6102409.71   | 475.33    | 0.03                     | 0.02    | 0.01    |
| 414            | 59+89.77 | 2268944.08    | 6102410.80   | 475.27    | 0.02                     | 0.03    | 0.03    |
| 415            | 59+52.11 | 2268914.24    | 6102433.50   | 474.01    | 0.01                     | 0.02    | 0.02    |
| 416            | 59+50.11 | 2268912.71    | 6102434.78   | 473.96    | 0.02                     | 0.02    | 0.03    |
| 417            | 59+12.25 | 2268883.66    | 6102458.76   | 472.61    | 0.02                     | 0.03    | 0.01    |
| 418            | 58+72.24 | 2268853.89    | 6102485.21   | 471.20    | 0.00                     | 0.01    | 0.01    |
| 419            | 58+32.56 | 2268825.42    | 6102512.55   | 469.66    | 0.03                     | 0.03    | -0.01   |
| 420            | 56+73.61 | 2268723.01    | 6102632.91   | 463.72    | 0.01                     | 0.01    | 0.00    |
| 421            | 56+72.08 | 2268721.95    | 6102634.02   | 463.67    | 0.07                     | 0.02    | 0.00    |
| 422            | 56+33.68 | 2268700.26    | 6102665.50   | 462.14    | 0.05                     | 0.03    | 0.03    |
| 423            | 56+31.67 | 2268699.27    | 6102667.25   | 462.11    | 0.00                     | 0.01    | 0.03    |
| 424            | 55+93.87 | 2268679.42    | 6102699.20   | 460.57    | -0.03                    | -0.02   | 0.02    |
| 425            | 54+34.63 | 2268606.96    | 6102840.25   | 454.50    | 0.02                     | 0.02    | 0.00    |
| 426            | 54+32.69 | 2268606.05    | 6102841.98   | 454.45    | 0.05                     | 0.04    | 0.00    |
| 427            | 53+92.72 | 2268589.62    | 6102878.41   | 452.86    | 0.02                     | 0.01    | 0.00    |
| 428            | 62+30.69 | 2269149.44    | 6102285.60   | 484.10    | 0.01                     | 0.00    | 0.04    |
| 429            | 62+56.01 | 2269173.05    | 6102276.12   | 485.12    | 0.01                     | 0.00    | 0.03    |
| 430            | 62+53.36 | 2269170.60    | 6102277.16   | 485.02    | 0.02                     | -0.03   | 0.03    |
| 431            | 53+94.72 | 2268590.31    | 6102876.53   | 452.95    | 0.02                     | 0.03    | 0.00    |