

ORKUSTOFNUN
Landmælingar

LEGA OG HÆÐ STÖÐVA Í LÍNUSTÆÐI
MILLI HORNAFJARÐAR OG BERUFJARÐAR

Desember 1974



Lega og hæð stöðva í línustæði
milli Hörnafjarðar og Berufjarðar.

Inngangur

Línustæðið var mælt sumarið 1974 á vegum Orkustofnunar og undir stjórn Finnboga Jónssonar, en Guðmundur Hannesson valdi línustæðið og hafði umsjón með verkinu. Þórhallur Ólafsson var mælingamaður ásamt Finnboga Jónssyni. Wild RDS mælitæki voru notuð við mælingarnar.

Veður var mjög óhagstætt á mælisvæðinu þetta sumar, enda leystist mæliflokkurinn upp áður en verkinu var lokið.

Jarðfræðilegar athuganir voru gerðar á línustæðinu, en greinargerð þessi fjallar aðeins um landmælingar á línustæðinu og niðurstöður þeirra.

Lega línustæðisins

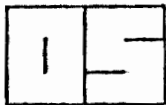
Suðurendi línunnar er um 3 km suðvestan Almannaskarðs, og liggur línan þaðan yfir skarðið, í norðaustur yfir Lónsfjörð, nálægt þjóðvegi yfir Lónsheiði, yfir Starmýrardal og áfram fyrir botna Álftafjarðar og Hamarsfjarðar og liggur línan á þeirri leið ekki langt frá þjóðvegi.

Stöðvar á þessum hluta línunnar nefnast ALO25 - AL356.

Í Starmýrardal greinist línan og liggur önnur greinin yfir Starmýrarfjörur. Nefnast þær stöðvar ST001 - ST101. Stöðvar AL356 - AL389 eru í þeim hluta línustæðis, sem liggur inn með Berufirði að sunnan og nær inn fyrir Eyvindarnes.

Umferðarstefna

Umferðarstefna í línunni er frá Hörnafirði til Berufjarðar, og eru horn í hornpunktum, línulengdir og afstaða punkta



Umferðarstefna frh.

utan línu gefin upp í samræmi við það. Línan beygir til hægri eða vinstri í hornpunktum og punktar utan línu eru hægra eða vinstra megin línunnar, og er þá miðað við að horft sé í umferðarstefnu línunnar. Láréttur kvarði tækis var stilltur þannig að hann sýndi 0 gráður í umferðarstefnu línunnar.

Línulengdir

Lengd línunnar vex frá 10.005 m í stöð undir Skálatindi, og er 90.006 m í norðurenda hennar í Berufirði. Línulengdin er 46.352 m í ALL79, þar sem línan greinist í Starmýrardal, og vex línulengdin norður Starmýrarfjörur.

Hörnþungtar

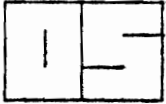
Í töflu I er að finna skrá yfir hornþungta í línunni. Gefið er nafn þungts, stefnubreyting (pósítív til hægri, negatív til vinstri), línulengd í þungtinum, og í sumum þungtum lausleg staðarlýsing, en nánari lýsingu er að finna í skýrslu Árna Hjartarsonar. Hornin eru gefin upp í nýgráðum.

Hæðir

Sjávarborð voru mæld úr nokkrum stöðvum á Starmýrarfjörum og voru þær mælingar notaðar til að velja núllpunkt í hæðarkerfið. Hæðir miðast við meðalsjávarborð.

Mælistöðvar

Skrá yfir mælistöðvar er að finna í töflu III, sem er úttak úr tölvu IBM 1620 samkvæmt forriti GTREDU. Niðurstöður mælinga milli stöðva ásamt línulengdum og hæðum eru gefnar.



ORKUSTOFNUN
Landmælingar

Blað: 03
Dags: 09-12-74
Gert: GP, JÁ

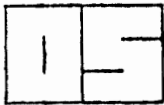
Mælibækur

Sjálfar mælingarnar er að finna í 15 mælibókum, og hefur línulengd og hæð verið reiknuð og skráð þar fyrir hvern mælipunkt.

Punktur utan línu

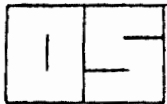
Auk mælipunkta í línunni hafa verið mældir inn punktar 5 m utan línunnar. Þeir eru auðkenndir í mælibókunum með stöfunum VP eða HP eftir því hvort punkturinn er vinstra eða hægra megin línunnar (þegar horft er í stefnu vaxandi línulengdar). Þar að auki hafa girðingar, vegir, símalínur, rafmagnslínur og fleira verið mælt inn. Upplýsingar um vegi, símalínur og rafmagnslínur er að finna í töflu II. Fjarlægð frá línu er þar mæld til hægri, þannig að negatív tala táknar punkt vinstra megin línunnar.

Ath. Nokkur atriði hafa verið leiddrétt. (SPÍ)



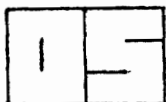
Tafla I Hornpunktur.

| Hæll | Horn (nýgr) | Línulengd (m) | Staðarlýsing |
|-------|----------------|------------------|-----------------------------------|
| AL025 | (endi) | 10.005 | Fyrir ofan veg, undir Skálatindi |
| AL036 | -67,75g | 12.742 | Neðan við Almannaskarðsvegamót |
| AL038 | -45,87g | 13.234 | Í Almannaskarði |
| AL043 | 40,54g | 14.786 | Í Skarðsdal undir Náttmálatindi |
| AL054 | 6,52g | 17.871 | Í Efri - Firði |
| AL062 | -26,00g | 19.551 | Á Þorgeirsstaðamelum |
| AL079 | 24,80g | 23.691 | Við Volasel |
| AL090 | -32,63g | 26.777 | Á Þorvaldshöfða |
| AL097 | 22,26g | 28.873 | Nærri samkomuhúsi NA við Jökulsá |
| AL121 | 19,97g | 35.474 | Vestan vegar undir Reyðarártindi |
| AL131 | -18,68g | 37.824 | Austan vegar við Össurá |
| AL139 | -51,99g | 39.564 | Austan vegar í Heiðarbrekkum |
| AL148 | 16,32g | 40,802 | Í upphafi Lónsheiðar |
| AL153 | 33,86g | 41.665 | Á Lónsheiði undir Rjúpnadalshlíð |
| AL160 | -46,03g | 42.951 | Á Lónsheiði |
| AL171 | 14,79g | 44.896 | Á Lónsheiði |
| AL187 | 11,86g | 47.800 | Í Vatnshlíð |
| AL198 | | 50.152 | Undir Kjölfjalli við Álftafj.botn |
| AL204 | 21,61g | 51.401 | Við Leirvogsbötn í Álftafirði |
| AL220 | 20,46g | 54.905 | Við veg ofan Hærukollsness |
| AL225 | 31,82g | 56.293 | Í mynni Geithellnadalshlíð |
| AL233 | 57,69g | 58,220 | Fyrir ofan veg við Hólsvík |
| AL244 | -27,49g | 60.333 | Undir Krákhamarsfjalli |
| AL249 | 29,51g | 61.345 | Ofan vegar undir Krákhamarsfjalli |
| AL256 | -17,92g | 63,083 | Við fjárhús Melrakkanessbónda |
| AL266 | -58,77g | 65.095 | Í mýri á Melrakkanesi |
| AL269 | -30,06g | 65.700 | Á Melrakkanesi |
| AL275 | -40,43g | 66.938 | Milli Svínár og Krossaness |
| AL284 | -38,74g | 68.635 | Ofan vegar nær Þakeyrartanga |



Tafla I Hornpunktur.

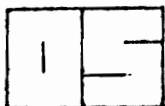
| Hæll | Horn (nýgr) | Línulengd (m) | Staðarlýsing |
|--------|----------------|------------------|---------------------------------------|
| AL298 | 42,70g | 71.291 | |
| AL306 | 73,47g | 73.034 | Við brú á Hamarsáreyrum |
| AL312 | 57,46g | 74.346 | Ofan vegar í botni Henglavíkur |
| AL329 | 6,27g | 77.206 | Ofan Illagils undan Flötufjöllum |
| AL345 | -90,07g | 79,998 | Á gömlun vegi ofan Stekkjarhjáleigu |
| AL356 | | 82.370 | |
| AL367 | 24,03g | 85.268 | |
| AL371 | -35,84g | 86.099 | |
| AL377 | 27,43g | 87.322 | |
| AL387 | -19,69g | 89.511 | |
| AL389 | -18,15g | 90.006 | |
| ST001 | 54,55g | 46.455 | Í Starmýrardal |
| ST013 | -42,03g | 48.451 | Nokkru utar í dalnum við ána |
| ST016 | -29,55g | 48.947 | ----- ----- |
| ST020 | 65,05g | 49.727 | ----- ----- |
| ST040 | 46,00g | 54.470 | Á Malvíkurhöfða |
| ST042 | -77,49g | 54.999 | Neðan Malvíkurhöfða |
| ST053 | 69,19g | 57.638 | Á Starmýrarfjöllum |
| ST054 | -92,70g | 57.925 | ----- |
| ST058 | 22,50g | 58.863 | ----- |
| ST062 | 12,17g | 59.997 | ----- |
| ST073 | 2,31g | 62.693 | ----- |
| ST080B | -72,78g | 64.339 | Á Hrómundarey |
| ST082 | 93,32g | 64.859 | Á Þvottáreyjum (Stapaey) |
| ST083 | 74,64g | 65.029 | ----- Afbrigði |
| ST086 | 5,50g | 65.580 | ----- |
| ST089 | -14,96g | 66.198 | ----- |
| ST090 | 20,82g | 66.525 | ----- |
| ST093 | -27,12g | 67.220 | ----- |
| ST097 | -35,07g | 68.151 | ----- |
| ST100 | 15,41g | 68.982 | ----- Sunnan við Djúpasund |



Tafla II:

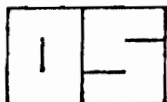
Símalínur, rafmagnslínur og vegir nálægt línustæðinu.

| Nálægt stöð: | Línu- lengd: | Fjarlægð frá línu: | Athugasemd eða lýsing: |
|--------------|------------------|--------------------|-------------------------------------|
| AL028 | 10.705 10.746 | -13 | Miðja þjóðvegur Stefna þjóðvegur |
| AL030 | 11.030 11.246 | -19 | Undir símalínu Stefna símalínu |
| AL036 | 12.929 12.847 | -151 | Undir símalínu Stefna símalínu |
| AL041 | 14.317 14.346 | 07 | Undir símalínu Stefna símalínu |
| AL041 | 14.371 14.346 | -06 | Þjóðvegarmiðja Stefna þjóðvegur |
| AL051 | 17.216 17.215 | 13 | Undir símalínu Stefna símalínu |
| AL051 | 17.241 17.237 | 08 | Þjóðvegarmiðja Stefna þjóðvegur |
| AL066 | 20.375 20.403 | -06 | Undir símalínu Stefna símalínu |
| AL066 | 20.416 20.454 | -11 | Miðja þjóðvegur Þjóðvegur Stefna |
| AL098 | 29.050 29.059 | 09 | Miðja þjóðvegur Stefna þjóðvegur |
| AL118 | 34.501 34.517 | 14 | Miðja þjóðvegur Stefna þjóðvegur |
| AL122 | 35.757 35.737 | 07 | Undir símalínu Stefna símalínu |
| AL122 | 35.815 35.797 | 10 | Miðja þjóðvegur Stefna þjóðvegur |
| AL130 | 37.698 37.701 | -06 | Miðja þjóðvegur Stefna vegur |
| AL134 | 38.665 38.662 | -18 | Undir símalínu Stefna símalínu |
| AL142 | 39.995 40.008 | 04 | Undir símalínu Stefna síma |
| AL152 | 41.625 | -17 | Stefna þjóðvegur |
| AL158 | 42.514 42.576 | -54 | Undir símalínu Stefna símalínu |



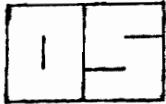
Tafla II frh.

| Nálægt stöð: | Línu- lengd: | Fjarlægð frá línu: | Athugasemd eða lýsing: |
|--------------|--------------------------------------|--------------------|---|
| AL168 | 44.401 44.363 | 14 | Vegarmiðja Stefna þjóðveggar |
| AL175 | 45.670 vantar | | Undir símalínu Stefna símalínu |
| AL177 | 45.828 45.873 | 13 | Miðja þjóðveggar Stefna þjóðveggar |
| AL179 | 46.394 46.374 | 12 | Miðja þjóðveggar Stefna þjóðveggar |
| AL181 | 47.094 47.115 | 16 | Miðja vegar Stefna vegar |
| AL203 | 50.991 51.025 | -09 | Undir símalínu Stefna símalínu |
| AL203 | 51.249 51.262 | -13 | Miðja þjóðveggar Stefna vegar |
| AL203 | 51.260 51.278 | -11 | Undir háspennulínu Stefna háspennulínu |
| AL217 | 54.458 54.431 54.474 54.497 | -18 13 28 | Undir símalínu Stefna v/símastaur I Stefna v/símastaur II Stefna v/símastaur III |
| AL217 | 54.486 54.500 | 19 | Miðja þjóðveggar Stefna þjóðveggar |
| AL219 | 54.706 54.725 | 14 | Undir háspennulínu Stefna háspennulínu |
| AL221 | 54.963 54.960 55.010 | 01 -15 | Undir símalínu Stefna v/símastaur I Stefna v/símastaur II |
| AL221 | 55.276 55.445 | 08 -40 | Stefna v/rafmagnsstaur nr. 198 Stefna v/rafmagnsstaur nr. 197 |
| AL229 | 57.305 57.378 57.501 | 09 10 16 | Þjóðvegur mældur inn Við veg Við veg Stefna vegar |
| AL231 | 57.949 57.946 | -05 | Undir símalínu Stefna við símastaur |
| AL231 | 57.995 58.000 | 10 | Miðja þjóðveggar Stefna þjóðveggar |



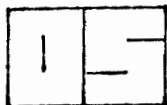
Tafla II frh.

| Nálægt stöð: | Línu- lengd: | Fjarlægð frá línu: | Athugasemd eða lýsing: |
|--------------|----------------------------|--------------------|--|
| AL233 | 58.152 58.184 | -43 | Undir háspennulínu Stefna háspennulínu |
| AL237 | 59.121 | -46 | Rafmagnsstaur nr.172 mældur inn |
| AL243 | 60.256 60.233 60.282 | 10 -12 | Undir símalínu v/stefnu úti símastaur I v/stefnu úti símastaur II |
| AL243 | 60.160 60.188 | 38 35 | Einstrengslína mæld inn Horn á ESL. nr. 165 Rafmagnsstaur nr. 164 |
| AL245 | 60.391 60.411 | -04 | Vegkantur I Stefna vegar |
| AL245 | 60.713 60.696 60.743 | -04 09 | Undir símalínu Stefna v/símastaur I Stefna við símastaur II |
| AL247 | 60.745 60.747 | 08 | Seinni vegkantur gamals vegar Stefna vegarins |
| AL251 | 61.630 61.645 | -10 | Miðja þjóðvegur Stefna vegar |
| AL254 | 62.165 62.175 | -02 | Undir símalínu Stefna símalínu |
| AL256 | 62.959 63.036 63.125 | 77 57 35 | Einstrengslína mæld inn Við staur nr. 147 Undir rafmagnslínunni Við staur nr. 146 |
| AL270 | 65.739 65.748 | 03 | Á miðjun þjóðvegi Stefna þjóðvegarins |
| AL270 | 65.873 65.885 | 05 | Rafmagnslína Stefna rafmagnslínu |
| AL276 | 67.230 67.209 | -10 | Undir símalínu Stefna símalínu |
| AL288 | 69.149 69.185 69.236 | 04 11 | Undir símalínu Stefna við símastaur I Stefna við símastaur II |
| AL301 | 71.985 71.974 | 09 | Símalína Stefna símalínu |
| AL303 | 72.310 72.321 | -13 | Miðja þjóðvegur Stefna þjóðvegur |

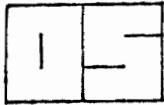


Tafla II frh.

| Nálægt stöð: | Línu- lengd: | Fjarlægð frá línu: | Athugasemdir eða lýsing: |
|--------------|--|--|--|
| AL303 | 72.530 72.555 | -14 | Háspennulína Háspennulína stefna |
| AL305 | 72.916 73.034 72.968 | -65 -35 -51 | Brú yfir Hamarsá mæld inn Brúarendi I Brúarendi II Brúarmiðja Punktarnir teknir á kanti nær |
| AL306 | 73.028 73.034 73.052 73.090 73.140 73.132 73.097 | -17 -36 -30 -20 -04 05 -02 | Einstrengslína og vegur mæld. Rafmagnsstaur nr. 79 Brúarsporður nyrðri vegkantur vegkantur vegkantur Rafmagnsstaur Undir einstrengslínu Allir punktar teknir á kanti nær |
| AL309 | 73.945 73.953 | 17 | Á miðjum þjóðvegi Stefna þjóðvegjar |
| AL311 | 74.252 74.266 | 08 | Símalína Stefna símalínu |
| AL312 | 74.348 74.368 74.405 | -37 -12 34 | Einstrengslína mæld inn Rafmagnsstaur nr. 66 Undir rafmagnslínu Rafmagnsstaur nr. 65 |
| AL314 | 74.518 74.534 74.547 74.583 74.628 74.673 74.667 74.708 74.723 | -25 01 -03 -05 -04 -24 -02 | Rafmagnsstaur nr. 64 Símastaur nr. I Undir símalínu Símastaur nr. II Símastaur nr. III Símastaur nr. IV Rafmagnsstaur nr. 63 Símastaur I Undir símalínu |
| AL316 | 75.042 | -26 | Rafmagnsstaur nr. 61 |
| AL318 | 75.338 75.551 75.651 | -25 -25 -35 | Rafmagnsstaur nr. 59 Rafmagnsstaur nr. 58 Rafmagnsstaur nr. 57 |
| AL321 | 75.814 75.906 | -25 -25 | Rafmagnsstaur nr. 56 Rafmagnsstaur nr. 55 |
| AL323 | 76.056 76.204 76.393 | -24 -19 -12 | Rafmagnsstaur nr. 54 Rafmagnsstaur nr. 53 Rafmagnsstaur nr. 52 |



| Nálægt stöð: | Línu- lengd: | Fjarlægð frá línu: | Athugasemd eða lýsing |
|--------------|-----------------|-----------------------|---|
| AL325 | 76.551 | -25 | Rafmagnsstaur nr. 51 |
| AL331 | 77.399 | -24 | Rafmagnsstaur nr. 45 |
| AL331 | | | Hér gengur línan þvert á beygju á vegi |
| | 77.504 | | Á vegkanti I |
| | 77.522 | -03 | Stefna vegar |
| | 77.523 | | Á miðjum vegi |
| | 77.543 | | Á vegkanti I |
| | 77.562 | 06 | Stefna vegar |
| AL331 | 77.611 | -23 | Rafmagnsstaur nr. 44 |
| AL331 | | | Tachymetermæling á vegi neðan stöðvar í Rauðuskriðum |
| | 77.622 | 05 | Á vegkanti I |
| | 77.617 | 14 | Á vegkanti II |
| | 77.608 | 10 | Á vegkanti I |
| | 77.601 | 18 | Á vegkanti II |
| | 77.593 | 11 | Á vegkanti I |
| | 77.584 | 17 | Á vegkanti II |
| | 77.579 | 09 | Á vegkanti I |
| AL333 | 77.760 | -25 | Rafmagnsstaur nr. 43 |
| AL335 | 78.158 | -25 | Rafmagnsstaur nr. 41 |
| AL337 | 78.559 | -26 | Rafmagnsstaur nr. 38 |
| AL337 | 78.634 | | Miðja þjóðvegur |
| | 78.643 | 08 | Stefna þjóðvegur |
| AL343 | 79.707 | | Undir símalínu (heimtaug) |
| | 79.706 | 10 | Stefna símalínu við staur |
| AL343 | 79.861 | | Vegkantur heimkeyrslu að Strýtu |
| | 79.854 | -06 | Stefna heimkeyrslu |
| AL345 | 79.955 | -27 | Rafmagnsstaur nr. 27 |
| AL368 | 85.438 | | Miðja vegur |
| | 85.468 | -10 | Stefna vegur |
| AL368 | 85.505 | | Undir símalínu |
| | 85.526 | -07 | Stefna síma |
| AL372 | 86.154 | | Undir símalínu |
| | 86.181 | 14 | stefna símalínu |
| AL372 | 86.277 | | Á miðjum þjóðvegi |
| | 86.314 | 10 | Stefna þjóðvegur |



Tafla II frh.

| Nálægt stöð: | Línu- lengd: | Fjarlægð frá línu: | Athugasemd eða lýsing: |
|--------------|-----------------|-----------------------|----------------------------------|
| ST001 | 46.392 | | Vegarmiðja |
| | 46.396 | -06 | Stefna vegar |
| ST007 | 47.338 | 18 | Símastaur |
| | 47.390 | 12 | Símastaur |
| | 47.440 | 06 | Símastaur |
| | 47.513 | 00 | Símastaur |
| | 47.588 | -09 | Símastaur |
| | 47.641 | -11 | Símastaur |
| ST010 | 47.792 | -14 | Símastaur |
| | 47.894 | -15 | Símastaur |
| | 47.947 | -17 | Símastaur |
| | 47.997 | -18 | Símastaur |
| | 48.190 | -22 | Símastaur |
| ST018 | 49.544 | | Á flóðgarði/vegi |
| | 49.527 | 24 | Stefna |
| ST025 | 50.688 | | Undir símaheimtauginni að Þvottá |
| | 50.685 | -22 | Stefna heimtaugarinnar |
| ST027 | 50.777 | | Undir háspennulínu |
| | 50.776 | -16 | Stefna háspennulínu |



Tafla III Mælistöðvar

Skrá yfir mælistöðvar er á bls. 13 - 24. Við útreikninga var línunni skipt í tvo línubúta, þ.e. aðallínan frá Hornafirði til Berufjarðar og svo útskotið, sem liggur yfir Starmýrarfjörur. Hæðir eru allar reiknaðar út frá mælingum í sjó á Starmýrarfjörum, og kom því ekki til útjöfnunar. Línubútarnir eru sem hér segir:

| <u>Línubútur</u> | <u>Bls.</u> |
|------------------|-------------|
| AL025 - AL389 | 13 |
| AL179 - ST101 | 22 |

| DISTANCE | DIFF/M | ANGLE | S-I | DIFF/C | NAME | LENGTH | ELEVATION |
|----------|---------|---------|-----|---------|-----------|---------|-----------|
| 10005.0 | 20.30 | | | | AL025 | 10005.0 | 20.30 |
| 0.0 | 0.00 | | | | | | |
| 230.0 | 4.80 | 9868.0 | 0.0 | 4.76 | - AL026 | 10235.0 | 15.53 |
| 247.0 | -3.85 | 10099.0 | 0.0 | -3.84 | AL027 | 10482.0 | 11.68 |
| 267.0 | 4.70 | 9890.5 | 0.0 | 4.59 | - AL028 | 10749.0 | 7.09 |
| 257.0 | .70 | 9983.5 | 0.0 | .66 | AL029 | 11006.0 | 7.76 |
| 240.0 | .40 | 9991.5 | 0.0 | .32 | - AL030 | 11246.0 | 7.44 |
| 243.0 | -.85 | 10023.5 | 0.0 | -.89 | AL031 | 11489.0 | 6.54 |
| 221.0 | -.80 | 10025.0 | 0.0 | -.86 | - AL032 | 11710.0 | 7.41 |
| 293.5 | 2.80 | 9940.0 | 0.0 | 2.76 | AL033 | 12003.5 | 10.17 |
| 324.5 | -1.05 | 10020.5 | 0.0 | -1.04 | - AL034 | 12328.0 | 11.22 |
| 161.0 | -.20 | 10007.5 | 0.0 | -.18 | AL035 | 12489.0 | 11.03 |
| 253.5 | -2.30 | 10058.5 | 0.0 | -2.32 | - AL036 | 12742.5 | 13.36 |
| 196.5 | 15.50 | 9499.5 | 0.0 | 15.48 | AL037 | 12939.0 | 28.84 |
| 295.0 | -140.00 | 12826.0 | 0.0 | -140.29 | * - AL038 | 13234.0 | 169.13 |
| 242.0 | 13.90 | 9599.0 | 1.4 | 13.86 | - AL039 | 13476.0 | 155.27 |
| 219.5 | -10.30 | 10301.0 | 0.0 | -10.38 | AL040 | 13695.5 | 144.88 |
| 349.0 | 42.30 | 9233.5 | 0.0 | 42.22 | - AL041 | 14044.5 | 102.66 |
| 353.5 | -24.80 | 10443.5 | 0.0 | -24.66 | AL042 | 14398.0 | 77.99 |
| 250.0 | -3.95 | 10101.0 | 0.0 | -3.96 | - AL042B | 14648.0 | 81.96 |
| 138.0 | 4.00 | 9819.0 | 0.0 | 3.92 | AL043 | 14786.0 | 85.88 |
| 277.0 | -17.70 | 10408.5 | 0.0 | -17.79 | AL044 | 15063.0 | 68.08 |
| 301.5 | 14.20 | 9700.5 | 0.0 | 14.19 | - AL045 | 15364.5 | 53.89 |
| 290.0 | -11.75 | 10259.0 | 0.0 | -11.80 | AL046 | 15654.5 | 42.08 |
| 330.0 | 8.55 | 9834.0 | 0.0 | 8.60 | - AL047 | 15984.5 | 33.48 |
| 227.5 | -1.80 | 10053.0 | 0.0 | -1.89 | AL048 | 16212.0 | 31.58 |
| 224.0 | 6.65 | 9809.5 | 0.0 | 6.70 | - AL049 | 16436.0 | 24.88 |
| 323.0 | -10.95 | 10217.5 | 0.0 | -11.03 | AL050 | 16759.0 | 13.84 |
| 313.5 | 2.85 | 9943.5 | 0.0 | 2.78 | - AL051 | 17072.5 | 11.06 |
| 294.0 | -2.30 | 10050.5 | 0.0 | -2.33 | AL052 | 17366.5 | 8.72 |
| 225.5 | 2.30 | 9935.0 | 0.0 | 2.30 | - AL053 | 17592.0 | 6.42 |
| 279.5 | 1.85 | 9959.5 | 0.0 | 1.77 | AL054 | 17871.5 | 8.20 |
| 206.5 | -4.10 | 10127.0 | 0.0 | -4.12 | - AL055 | 18078.0 | 12.32 |
| 226.0 | 6.90 | 9806.5 | 0.0 | 6.87 | AL056 | 18304.0 | 19.19 |
| 306.0 | -5.80 | 10120.5 | 0.0 | -5.79 | - AL057 | 18610.0 | 24.98 |
| 81.0 | 6.40 | 9497.5 | 0.0 | 6.40 | AL058 | 18691.0 | 31.39 |
| 276.0 | 4.80 | 9890.5 | 0.0 | 4.74 | - AL060 | 18967.0 | 26.64 |
| 211.0 | 4.80 | 9856.0 | 0.0 | 4.77 | AL061 | 19178.0 | 31.42 |
| 373.0 | 8.65 | 9853.5 | 0.0 | 8.58 | - AL062 | 19551.0 | 22.83 |
| 168.0 | -2.70 | 10102.5 | 0.0 | -2.70 | AL063 | 19719.0 | 20.13 |

| DISTANCE | DIFF/M | ANGLE | S-I | DIFF/C | NAME | LENGTH | ELEVATION |
|----------|--------|---------|-----|--------|---------|---------|-----------|
| 199.0 | .40 | 9986.0 | 0.0 | .43 | - AL064 | 19918.0 | 19.69 |
| 270.0 | -7.80 | 10186.0 | 0.0 | -7.89 | AL065 | 20188.0 | 11.80 |
| 266.0 | -1.40 | 10035.5 | 0.0 | -1.48 | - AL066 | 20454.0 | 13.28 |
| 357.5 | -4.00 | 10071.5 | 0.0 | -4.01 | AL068 | 20811.5 | 9.26 |
| 272.0 | -3.45 | 10082.0 | 0.0 | -3.50 | - AL067 | 21083.5 | 12.77 |
| 353.0 | 2.45 | 9958.0 | 0.0 | 2.32 | AL069 | 21436.5 | 15.10 |
| 293.0 | .40 | 9992.5 | 0.0 | .34 | - AL070 | 21729.5 | 14.75 |
| 274.0 | -11.70 | 10273.5 | 0.0 | -11.77 | AL071 | 22003.5 | 2.97 |
| 294.0 | 2.75 | 9942.0 | 0.0 | 2.67 | - AL072 | 22297.5 | .29 |
| 207.5 | 1.00 | 9970.5 | 0.0 | .96 | AL073 | 22505.0 | 1.26 |
| 190.0 | -1.00 | 10035.5 | 0.0 | -1.05 | - AL074 | 22695.0 | 2.32 |
| 258.5 | -1.80 | 10044.5 | 0.0 | -1.80 | AL075 | 22953.5 | .51 |
| 196.5 | -.20 | 9972.5 | 1.0 | -.15 | - AL076 | 23150.0 | .66 |
| 141.0 | .80 | 9964.0 | 0.0 | .79 | AL077 | 23291.0 | 1.46 |
| 208.0 | .40 | 9988.5 | 0.0 | .37 | - AL078 | 23499.0 | 1.08 |
| 192.0 | 4.85 | 9840.0 | 0.0 | 4.82 | AL079 | 23691.0 | 5.91 |
| 330.0 | 4.60 | 9912.0 | 0.0 | 4.56 | - AL080 | 24021.0 | 1.35 |
| 283.0 | .50 | 9990.0 | 0.0 | .44 | AL081 | 24304.0 | 1.79 |
| 293.0 | -.55 | 10011.5 | 0.0 | -.52 | - AL082 | 24597.0 | 2.32 |
| 131.0 | .70 | 9964.5 | 0.0 | .73 | AL083 | 24728.0 | 3.05 |
| 390.5 | 0.00 | 10002.5 | 0.0 | -.15 | - AL084 | 25118.5 | 3.20 |
| 362.0 | -.70 | 10013.0 | 0.0 | -.73 | AL085 | 25480.5 | 2.46 |
| 321.5 | -.45 | 10009.5 | 0.0 | -.47 | - AL086 | 25802.0 | 2.94 |
| 367.5 | .60 | 9992.5 | 0.0 | .43 | AL087 | 26169.5 | 3.38 |
| 254.5 | 0.00 | 9999.0 | 0.0 | .03 | - AL088 | 26424.0 | 3.34 |
| 247.5 | 0.00 | 9997.0 | 0.0 | .11 | AL089 | 26671.5 | 3.45 |
| 106.0 | -4.50 | 10273.5 | 0.0 | -4.55 | - AL090 | 26777.5 | 8.01 |
| 350.0 | -4.00 | 10071.5 | 0.0 | -3.93 | AL091 | 27127.5 | 4.08 |
| 221.5 | -2.50 | 10073.0 | 0.0 | -2.54 | - AL092 | 27349.0 | 6.62 |
| 307.5 | -2.65 | 10053.5 | 0.0 | -2.58 | AL093 | 27656.5 | 4.04 |
| 309.0 | -.20 | 10007.0 | 0.0 | -.33 | - AL094 | 27965.5 | 4.38 |
| 264.5 | .40 | 9989.5 | 0.0 | .43 | AL095 | 28230.0 | 4.81 |
| 359.5 | -1.60 | 10030.0 | 0.0 | -1.69 | - AL096 | 28589.5 | 6.51 |
| 284.0 | -.80 | 10019.5 | 0.0 | -.86 | AL097 | 28873.5 | 5.64 |
| 294.0 | .40 | 9992.0 | 0.0 | .36 | - AL098 | 29167.5 | 5.27 |
| 307.5 | .30 | 9993.5 | 0.0 | .31 | AL099 | 29475.0 | 5.58 |
| 279.0 | 1.50 | 9967.0 | 0.0 | 1.44 | - AL100 | 29754.0 | 4.13 |
| 229.5 | .30 | 9995.0 | 0.0 | .18 | AL101 | 29983.5 | 4.31 |
| 275.0 | -.55 | 10013.0 | 0.0 | -.56 | - AL102 | 30258.5 | 4.88 |
| 329.0 | 1.15 | 9979.0 | 0.0 | 1.08 | AL103 | 30587.5 | 5.96 |

| DISTANCE | DIFF/M | ANGLE | S-I | DIFF/C | NAME | LENGTH | ELEVATION |
|----------|--------|---------|-----|--------|-------|---------|-----------|
| 323.0 | -1.20 | 10024.5 | 0.0 | -1.24 | AL104 | 30910.5 | 7.20 |
| 275.0 | 1.20 | 9973.0 | 0.0 | 1.16 | AL105 | 31185.5 | 8.37 |
| 275.5 | -0.90 | 10022.5 | 0.0 | -0.97 | AL106 | 31461.0 | 9.34 |
| 280.0 | 1.05 | 9977.5 | 0.0 | .98 | AL107 | 31741.0 | 10.33 |
| 295.0 | -0.15 | 10004.5 | 0.0 | -0.20 | AL108 | 32036.0 | 10.54 |
| 276.0 | .30 | 9993.5 | 0.0 | .28 | AL109 | 32312.0 | 10.82 |
| 274.0 | -0.15 | 10004.5 | 0.0 | -0.19 | AL110 | 32586.0 | 11.02 |
| 255.0 | .60 | 9987.5 | 0.0 | .50 | AL111 | 32841.0 | 11.52 |
| 280.0 | 0.00 | 9999.5 | 0.0 | .02 | AL112 | 33121.0 | 11.50 |
| 274.0 | -0.35 | 10010.5 | 0.0 | -0.45 | AL113 | 33395.0 | 11.04 |
| 257.5 | .50 | 9988.0 | 0.0 | .48 | AL114 | 33652.5 | 10.56 |
| 270.0 | -0.60 | 10015.5 | 0.0 | -0.65 | AL115 | 33922.5 | 9.90 |
| 287.5 | .80 | 9982.0 | 0.0 | .81 | AL116 | 34210.0 | 9.09 |
| 266.0 | -1.80 | 10044.5 | 0.0 | -1.85 | AL117 | 34476.0 | 7.23 |
| 159.5 | -8.95 | 10357.5 | 0.0 | -8.96 | AL118 | 34635.5 | 16.20 |
| 228.0 | 8.10 | 9775.5 | 0.0 | 8.04 | AL119 | 34863.5 | 24.24 |
| 291.0 | -6.30 | 10139.5 | 0.0 | -6.37 | AL120 | 35154.5 | 30.62 |
| 320.0 | 4.70 | 9907.5 | 0.0 | 4.64 | AL121 | 35474.5 | 35.27 |
| 148.0 | 6.50 | 9721.5 | 0.0 | 6.47 | AL122 | 35622.5 | 28.79 |
| 226.0 | -6.30 | 10178.5 | 0.0 | -6.33 | AL123 | 35848.5 | 22.45 |
| 180.0 | 17.00 | 9401.5 | 0.0 | 16.97 | AL124 | 36028.5 | 5.48 |
| 238.0 | -1.20 | 10033.5 | 0.0 | -1.25 | AL125 | 36266.5 | 4.23 |
| 259.0 | -1.20 | 10031.0 | 0.0 | -1.26 | AL126 | 36525.5 | 5.49 |
| 268.0 | 0.00 | 10001.0 | 0.0 | -0.04 | AL127 | 36793.5 | 5.44 |
| 239.0 | -3.20 | 10086.0 | 0.0 | -3.22 | AL128 | 37032.5 | 8.67 |
| 263.5 | 2.30 | 9944.5 | 0.0 | 2.29 | AL129 | 37296.0 | 10.97 |
| 272.0 | 0.00 | 10000.0 | 0.0 | 0.00 | AL130 | 37568.0 | 10.97 |
| 256.5 | 4.70 | 9885.0 | 0.0 | 4.63 | AL131 | 37824.5 | 15.60 |
| 156.0 | -7.20 | 10296.0 | 0.0 | -7.25 | AL132 | 37980.5 | 22.86 |
| 256.0 | -5.20 | 10131.0 | 0.0 | -5.26 | AL133 | 38236.5 | 17.59 |
| 258.0 | -2.55 | 10064.5 | 0.0 | -2.61 | AL134 | 38494.5 | 20.21 |
| 379.0 | 18.70 | 9689.0 | 0.0 | 18.52 | AL136 | 38873.5 | 38.74 |
| 188.0 | -5.80 | 10128.0 | 2.0 | -5.78 | AL137 | 39061.5 | 44.52 |
| 269.0 | -4.30 | 10100.5 | 0.0 | -4.24 | AL138 | 39330.5 | 40.27 |
| 234.0 | -2.45 | 10069.5 | 0.0 | -2.55 | AL139 | 39564.5 | 42.83 |
| 272.5 | 39.00 | 9094.5 | 0.0 | 39.02 | AL141 | 39837.0 | 81.85 |
| 101.5 | -17.90 | 10709.5 | 0.0 | -18.07 | AL142 | 39998.5 | 99.92 |
| 218.5 | 41.50 | 8812.0 | 0.0 | 41.25 | AL143 | 40217.0 | 141.18 |
| 148.0 | -22.90 | 10978.0 | 0.0 | -22.91 | AL144 | 40365.0 | 164.09 |
| 132.0 | 10.25 | 9505.5 | 0.0 | 10.27 | AL146 | 40497.0 | 174.37 |

| DISTANCE | DIFF/M | ANGLE | S-I | DIFF/C | NAME | LENGTH | ELEVATION |
|----------|--------|----------|-----|--------|----------|---------|-----------|
| 305.0 | -38.00 | 10783.0' | 0.0 | -37.70 | *- AL148 | 40802.0 | 212.07 |
| 70.0 | 13.00 | 8819.0 | 0.0 | 13.13 | AL149 | 40872.0 | 225.21 |
| 254.5 | -50.00 | 11237.0 | 0.0 | -50.08 | - AL150 | 41126.5 | 275.29 |
| 240.0 | 58.00 | 8488.5 | 0.0 | 58.07 | AL151 | 41366.5 | 333.37 |
| 227.0 | -48.50 | 11335.5 | 0.0 | -48.33 | - AL152 | 41593.5 | 381.70 |
| 72.0 | 6.80 | 9407.5 | 0.0 | 6.72 | AL153 | 41665.5 | 388.42 |
| 157.0 | -2.00 | 10079.5 | 0.0 | -1.96 | - AL154 | 41822.5 | 390.38 |
| 110.5 | -8.30 | 10421.5 | 1.0 | -8.32 | AL155 | 41933.0 | 382.05 |
| 280.0 | 24.60 | 9442.5 | 0.0 | 24.58 | - AL156 | 42213.0 | 357.47 |
| 168.0 | -7.80 | 10259.5 | 1.0 | -7.85 | AL157 | 42381.0 | 349.62 |
| 227.0 | 54.50 | 8496.5 | 0.0 | 54.62 | - AL158 | 42608.0 | 294.99 |
| 145.0 | -1.90 | 10084.0 | 0.0 | -1.91 | AL159 | 42753.0 | 293.08 |
| 198.0 | 3.80 | 9878.5 | 0.0 | 3.77 | - AL160 | 42951.0 | 289.30 |
| 151.0 | -11.10 | 10467.5 | 0.0 | -11.10 | AL161 | 43102.0 | 278.19 |
| 124.0 | 13.80 | 9292.0 | 0.0 | 13.84 | - AL162 | 43226.0 | 264.34 |
| 335.0 | -27.00 | 10511.0 | 0.0 | -26.94 | AL164 | 43561.0 | 237.39 |
| 320.0 | 14.80 | 9706.0 | 0.0 | 14.78 | - AL166 | 43881.0 | 222.60 |
| 164.0 | -12.05 | 10467.0 | 0.0 | -12.05 | AL167 | 44045.0 | 210.55 |
| 186.0 | 2.90 | 9900.0 | 0.0 | 2.92 | - AL168 | 44231.0 | 207.63 |
| 285.0 | -2.25 | 10005.5 | 0.0 | -2.24 | AL169 | 44516.0 | 207.38 |
| 193.0 | -1.00 | 10034.0 | 0.0 | -1.03 | - AL170 | 44709.0 | 208.42 |
| 187.0 | -5.30 | 10181.0 | 0.0 | -5.31 | AL171 | 44896.0 | 203.10 |
| 300.0 | 31.40 | 9340.0 | 0.0 | 31.21 | - AL173 | 45196.0 | 171.88 |
| 338.0 | 15.55 | 9804.0 | 1.0 | 9.40 | * AL174 | 45534.0 | 181.29 |
| 86.5 | 4.40 | 9675.5 | 0.0 | 4.41 | - AL175 | 45620.5 | 176.88 |
| 89.0 | -28.50 | 11951.5 | 0.0 | -28.17 | * AL176 | 45709.5 | 148.71 |
| 231.0 | 53.00 | 8566.5 | 0.0 | 52.91 | - AL177 | 45940.5 | 95.80 |
| 200.0 | -18.40 | 10588.5 | 0.0 | -18.54 | AL178 | 46140.5 | 77.26 |
| 211.5 | 10.30 | 9691.5 | 0.0 | 10.25 | - AL179 | 46352.0 | 67.00 |
| 212.0 | 2.35 | 9929.5 | 0.0 | 2.34 | AL180 | 46564.0 | 69.35 |
| 294.0 | 4.90 | 9891.5 | 0.0 | 5.01 | - AL183 | 46858.0 | 64.34 |
| 216.5 | 17.80 | 9475.5 | 0.0 | 17.87 | AL182 | 47074.5 | 82.21 |
| 301.5 | -28.30 | 10595.5 | 0.0 | -28.28 | - AL181 | 47376.0 | 110.50 |
| 92.5 | 13.30 | 9094.0 | 0.0 | 13.25 | AL184 | 47468.5 | 123.75 |
| 189.0 | -11.25 | 10381.0 | 0.0 | -11.32 | - AL185 | 47657.5 | 135.08 |
| 79.5 | .40 | 9970.5 | 0.0 | .36 | AL186 | 47737.0 | 135.45 |
| 63.0 | 9.00 | 9106.0 | 0.0 | 8.90 | - AL187 | 47800.0 | 126.54 |
| 237.0 | -35.00 | 10939.5 | 0.0 | -35.23 | * AL188 | 48037.0 | 91.31 |
| 333.0 | -1.10 | 10002.0 | 0.0 | -1.10 | - AL189 | 48370.0 | 91.41 |
| 267.0 | 17.40 | 9585.0 | 0.0 | 17.42 | AL190 | 48637.0 | 108.84 |

| DISTANCE | DIFF/M | ANGLE | S-I | DIFF/C | NAME | LENGTH | ELEVATION |
|----------|--------|---------|-----|--------|----------|---------|-----------|
| 289.0 | -22.80 | 10502.0 | 0.0 | -22.83 | - AL191 | 48926.0 | 131.68 |
| 108.0 | 5.90 | 9656.0 | 0.0 | 5.84 | - AL192 | 49034.0 | 137.52 |
| 220.0 | -21.00 | 10605.0 | 0.0 | -20.97 | - AL193 | 49254.0 | 158.49 |
| 175.0 | 6.70 | 9723.0 | 1.0 | 6.61 | - AL194 | 49429.0 | 165.11 |
| 210.0 | -7.70 | 10226.0 | 0.0 | -7.45 | *- AL195 | 49639.0 | 172.57 |
| 123.0 | -15.40 | 10789.0 | 0.0 | -15.32 | - AL196 | 49762.0 | 157.25 |
| 217.0 | 86.50 | 7584.5 | 0.0 | 86.52 | - AL197 | 49979.0 | 70.72 |
| 173.0 | -27.60 | 11005.0 | 0.0 | -27.53 | - AL198 | 50152.0 | 43.18 |
| 195.0 | 2.60 | 9915.5 | 0.0 | 2.58 | - AL199 | 50347.0 | 40.59 |
| 206.0 | -1.40 | 10044.0 | 0.0 | -1.42 | - AL200 | 50553.0 | 39.17 |
| 224.0 | 4.00 | 9887.5 | 0.0 | 3.95 | - AL201 | 50777.0 | 35.21 |
| 210.0 | -5.30 | 10134.0 | 1.0 | -5.42 | - AL202 | 50987.0 | 29.79 |
| 290.0 | 14.00 | 9692.5 | 0.0 | 14.01 | - AL203 | 51277.0 | 15.77 |
| 124.0 | -6.0 | 10028.0 | 0.0 | -5.4 | - AL204 | 51401.0 | 15.22 |
| 235.5 | 15.00 | 9596.0 | 0.0 | 14.96 | - AL205 | 51636.5 | .26 |
| 228.0 | .20 | 9997.5 | 0.0 | .08 | - AL206 | 51864.5 | .35 |
| 218.0 | -.30 | 10006.5 | 0.0 | -.22 | - AL207 | 52082.5 | .57 |
| 227.0 | .45 | 9986.0 | 0.0 | .49 | - AL208 | 52309.5 | 1.07 |
| 247.0 | -.20 | 10005.5 | 0.0 | -.21 | - AL209 | 52556.5 | 1.28 |
| 228.0 | .30 | 9992.0 | 0.0 | .28 | - AL210 | 52784.5 | 1.57 |
| 242.0 | -.30 | 10010.0 | 0.0 | -.38 | - AL211 | 53026.5 | 1.95 |
| 278.0 | -.70 | 10016.0 | 0.0 | -.69 | - AL212 | 53304.5 | 1.25 |
| 211.5 | .35 | 9990.0 | 0.0 | .33 | - AL213 | 53516.0 | .92 |
| 218.0 | .05 | 9998.5 | 0.0 | .05 | - AL214 | 53734.0 | .97 |
| 233.0 | .05 | 9997.5 | 0.0 | .09 | - AL215 | 53967.0 | .88 |
| 280.0 | 0.00 | 10000.0 | 0.0 | 0.00 | - AL216 | 54247.0 | .88 |
| 231.0 | -1.80 | 10051.0 | 0.0 | -1.85 | - AL217 | 54478.0 | 2.73 |
| 131.0 | 29.25 | 8603.0 | 0.0 | 29.21 | - AL218 | 54609.0 | 31.94 |
| 185.0 | -3.05 | 10106.0 | 0.0 | -3.08 | - AL219 | 54794.0 | 35.03 |
| 111.0 | -1.20 | 10067.0 | 0.0 | -1.16 | - AL220 | 54905.0 | 33.86 |
| 174.0 | 3.70 | 9866.5 | 0.0 | 3.64 | - AL221 | 55079.0 | 30.21 |
| 338.0 | -19.00 | 10358.5 | 0.0 | -19.05 | - AL222 | 55417.0 | 11.15 |
| 377.0 | 10.80 | 9818.5 | 0.0 | 10.75 | - AL223 | 55794.0 | .40 |
| 238.0 | .10 | 9971.0 | 1.0 | .08 | - AL224 | 56032.0 | .49 |
| 261.0 | -.35 | 10009.0 | 0.0 | -.36 | - AL225 | 56293.0 | .86 |
| 226.5 | .75 | 9981.0 | 0.0 | .67 | - AL226 | 56519.5 | 1.53 |
| 242.0 | -.35 | 10009.0 | 0.0 | -.34 | - AL227 | 56761.5 | 1.87 |
| 297.0 | 0.00 | 10000.0 | 0.0 | 0.00 | - AL228 | 57058.5 | 1.87 |
| 228.0 | 0.00 | 10000.0 | 0.0 | 0.00 | - AL229 | 57286.5 | 1.87 |
| 215.0 | 0.00 | 10001.0 | 0.0 | -.03 | - AL230 | 57501.5 | 1.84 |

| DISTANCE | DIFF/M | ANGLE | S-I | DIFF/C | NAME | LENGTH | ELEVATION |
|----------|--------|---------|-----|--------|----------|---------|-----------|
| 230.0 | -1.50 | 10044.0 | 0.0 | -1.58 | - AL231 | 57731.5 | 3.43 |
| 283.5 | 7.10 | 9843.0 | 0.0 | 6.99 | - AL232 | 58015.0 | 10.42 |
| 205.0 | .60 | 9983.0 | 0.0 | .54 | - AL233 | 58220.0 | 9.88 |
| 234.5 | 6.45 | 9825.5 | 0.0 | 6.42 | - AL234 | 58454.5 | 16.30 |
| 248.0 | -4.50 | 10119.0 | 0.0 | -4.63 | - AL235 | 58702.5 | 20.94 |
| 232.0 | 6.50 | 9824.0 | 0.0 | 6.41 | - AL236 | 58934.5 | 27.36 |
| 190.0 | -7.35 | 10247.0 | 0.0 | -7.37 | - AL237 | 59124.5 | 34.73 |
| 202.0 | -4.30 | 10135.5 | 0.0 | -4.30 | - AL238 | 59326.5 | 30.43 |
| 220.5 | .05 | 9998.0 | 0.0 | .06 | - AL239 | 59547.0 | 30.36 |
| 121.0 | 10.00 | 9476.0 | 0.0 | 9.98 | - AL240 | 59668.0 | 40.34 |
| 275.5 | -15.70 | 10364.5 | 0.0 | -15.79 | - AL241 | 59943.5 | 56.14 |
| 149.0 | 6.00 | 9745.0 | 0.0 | 5.97 | - AL242 | 60092.5 | 62.11 |
| 80.0 | -1.95 | 10156.0 | 0.0 | -1.96 | - AL243 | 60172.5 | 64.07 |
| 160.5 | -25.00 | 10989.5 | 0.0 | -25.14 | - AL244 | 60333.0 | 38.92 |
| 180.0 | -2.85 | 10102.0 | 0.0 | -2.88 | - AL245 | 60513.0 | 41.80 |
| 227.0 | -7.80 | 10219.5 | 0.0 | -7.82 | - AL246 | 60740.0 | 33.97 |
| 191.0 | -22.00 | 10729.5 | 0.0 | -21.98 | - AL247 | 60931.0 | 55.96 |
| 210.0 | 7.65 | 9768.5 | 0.0 | 7.63 | - AL248 | 61141.0 | 63.60 |
| 204.0 | -7.50 | 10236.0 | 0.0 | -7.56 | - AL249 | 61345.0 | 71.16 |
| 186.5 | -14.80 | 10471.5 | 1.0 | -14.83 | - AL250 | 61531.5 | 56.32 |
| 264.0 | 19.40 | 9533.5 | 0.0 | 19.37 | - AL251 | 61795.5 | 36.94 |
| 305.5 | .05 | 9998.5 | 0.0 | .07 | - AL252 | 62101.0 | 37.02 |
| 449.5 | 9.70 | 9863.5 | 0.0 | 9.63 | - AL254 | 62550.5 | 27.38 |
| 229.5 | 7.30 | 9800.5 | 0.0 | 7.19 | - AL255 | 62780.0 | 34.57 |
| 303.0 | 14.20 | 9702.5 | 0.0 | 14.16 | - AL256 | 63083.0 | 20.40 |
| 195.0 | 2.00 | 9936.0 | 0.0 | 1.96 | - AL257 | 63278.0 | 22.36 |
| 195.0 | -1.20 | 10041.0 | 0.0 | -1.25 | - AL258 | 63473.0 | 23.62 |
| 218.0 | .35 | 9991.5 | 0.0 | .29 | - AL259 | 63691.0 | 23.91 |
| 283.5 | -8.30 | 10187.5 | 0.0 | -8.35 | - AL260 | 63974.5 | 32.26 |
| 197.0 | -1.10 | 10038.5 | 0.0 | -1.19 | - AL261 | 64171.5 | 31.07 |
| 206.5 | -9.70 | 10294.5 | 0.0 | -9.55 | - AL262 | 64378.0 | 40.63 |
| 271.0 | -11.70 | 10260.0 | 0.0 | -11.07 | * AL263 | 64649.0 | 29.55 |
| 85.0 | -6.80 | 10504.5 | 0.0 | -6.75 | - AL263B | 64734.0 | 36.30 |
| 293.0 | -7.40 | 10160.5 | 0.0 | -7.38 | - AL265 | 65027.0 | 28.92 |
| 68.0 | 4.30 | 9596.5 | 0.0 | 4.31 | - AL266 | 65095.0 | 24.60 |
| 184.0 | 0.00 | 9996.5 | 0.0 | .10 | - AL267 | 65279.0 | 24.70 |
| 291.0 | 9.10 | 9802.0 | 0.0 | 9.05 | - AL268 | 65570.0 | 15.65 |
| 130.0 | -6.20 | 10308.0 | 0.0 | -6.29 | - AL269 | 65700.0 | 9.35 |
| 301.5 | -18.50 | 10391.5 | 0.0 | -18.56 | - AL270 | 66001.5 | 27.92 |
| 43.5 | -1.00 | 10144.0 | 0.0 | -.98 | - AL271 | 66045.0 | 26.93 |

| DISTANCE | DIFF/M | ANGLE | S-I | DIFF/C | NAME | LENGTH | ELEVATION |
|----------|--------|---------|-----|--------|----------|---------|-----------|
| 137.0 | 3.10 | 9857.5' | 0.0 | 3.06 | - AL272 | 66182.0 | 23.87 |
| 274.0 | 4.50 | 9897.0 | 0.0 | 4.43 | - AL273 | 66456.0 | 28.30 |
| 231.0 | 1.00 | 9974.0 | 0.0 | .94 | - AL274 | 66687.0 | 27.36 |
| 251.0 | -8.30 | 10210.0 | 0.0 | -8.28 | - AL275 | 66938.0 | 19.07 |
| 209.5 | -7.00 | 10215.0 | 0.0 | -7.07 | - AL276 | 67147.5 | 26.15 |
| 156.0 | 10.85 | 9559.0 | 0.0 | 10.82 | - AL277 | 67303.5 | 36.98 |
| 109.0 | 5.60 | 9677.0 | 0.0 | 5.53 | - AL278 | 67412.5 | 31.44 |
| 209.0 | -1.05 | 10032.5 | 0.0 | -1.06 | - AL279 | 67621.5 | 30.37 |
| 222.0 | 7.80 | 9776.5 | 0.0 | 7.79 | - AL280 | 67843.5 | 22.58 |
| 114.0 | -1.85 | 10104.0 | 0.0 | -1.86 | - AL281 | 67957.5 | 20.71 |
| 187.0 | -12.30 | 10420.0 | 0.0 | -12.35 | - AL282 | 68144.5 | 33.07 |
| 297.0 | -1.90 | 10041.5 | 0.0 | -1.93 | - AL283 | 68441.5 | 31.13 |
| 194.0 | -7.00 | 10231.0 | 0.0 | -7.04 | - AL284 | 68635.5 | 38.18 |
| 28.0 | 1.40 | 9678.0 | 0.0 | 1.41 | - AL285 | 68663.5 | 39.59 |
| 203.0 | .80 | 9975.0 | 0.0 | .79 | - AL286 | 68866.5 | 38.80 |
| 109.0 | -2.90 | 10168.0 | 0.0 | -2.87 | - AL287 | 68975.5 | 35.92 |
| 270.0 | 17.80 | 9581.5 | 0.0 | 17.77 | - AL288 | 69245.5 | 18.14 |
| 278.0 | 6.70 | 9848.0 | 0.0 | 6.63 | - AL289 | 69523.5 | 24.78 |
| 217.5 | -13.75 | 10402.0 | 0.0 | -13.75 | - AL290 | 69741.0 | 38.54 |
| 247.0 | -15.00 | 10387.0 | 0.0 | -15.03 | - AL291 | 69988.0 | 23.50 |
| 211.0 | -14.80 | 10446.0 | 0.0 | -14.80 | - AL292 | 70199.0 | 38.31 |
| 66.0 | 7.80 | 9245.5 | 0.0 | 7.85 | - AL293 | 70265.0 | 46.17 |
| 263.0 | 5.60 | 9865.5 | 0.0 | 5.55 | - AL294 | 70528.0 | 40.61 |
| 241.0 | 12.00 | 9684.5 | 0.0 | 11.95 | - AL295 | 70769.0 | 52.56 |
| 160.0 | -3.10 | 10122.5 | 0.0 | -3.07 | - AL296 | 70929.0 | 55.64 |
| 148.5 | 13.00 | 9445.0 | 0.0 | 12.97 | - AL297 | 71077.5 | 68.62 |
| 208.0 | -19.60 | 10597.5 | 0.0 | -19.57 | - AL297B | 71285.5 | 88.20 |
| 6.0 | .30 | 9670.5 | 0.0 | .31 | - AL298 | 71291.5 | 88.51 |
| 96.0 | 8.40 | 9449.0 | 0.0 | 8.32 | - AL299 | 71387.5 | 80.18 |
| 227.0 | -25.25 | 10705.5 | 0.0 | -25.25 | - AL300 | 71614.5 | 54.92 |
| 231.0 | 12.65 | 9652.0 | 0.0 | 12.63 | - AL301 | 71845.5 | 42.28 |
| 256.5 | -5.10 | 10102.5 | 1.0 | -5.13 | - AL302 | 72102.0 | 37.15 |
| 265.0 | 16.70 | 9601.0 | 0.0 | 16.63 | - AL303 | 72367.0 | 20.52 |
| 254.0 | -18.90 | 10472.0 | 0.0 | -18.86 | - AL304 | 72621.0 | 1.65 |
| 213.0 | -2.20 | 10006.0 | 0.0 | -2.20 | - AL305 | 72834.0 | 1.86 |
| 200.0 | 0.00 | 10000.5 | 0.0 | -.01 | - AL306 | 73034.0 | 1.84 |
| 222.0 | .40 | 9989.0 | 0.0 | .38 | - AL307 | 73256.0 | 1.46 |
| 248.0 | -.70 | 10017.0 | 0.0 | -.66 | - AL308 | 73504.0 | .79 |
| 300.0 | .30 | 9994.0 | 0.0 | .28 | - AL309 | 73804.0 | .51 |
| 198.0 | 19.00 | 9390.0 | 0.0 | 19.03 | - AL310 | 74002.0 | 19.54 |

| DISTANCE | DIFF/M | ANGLE | S-I | DIFF/C | NAME | LENGTH | ELEVATION |
|----------|--------|---------|-----|--------|---------|---------|-----------|
| 87.0 | -10.00 | 10725.0 | 0.0 | -9.95 | - AL311 | 74089.0 | 29.49 |
| 257.0 | 29.40 | 9275.5 | 0.0 | 29.37 | AL312 | 74346.0 | 58.87 |
| 328.0 | 11.00 | 9786.5 | 0.0 | 11.00 | - AL314 | 74674.0 | 47.86 |
| 176.5 | -38.15 | 11355.5 | 0.0 | -38.15 | AL315 | 74850.5 | 9.70 |
| 231.0 | 0.00 | 10000.0 | 0.0 | 0.00 | - AL316 | 75081.5 | 9.70 |
| 139.0 | 12.10 | 9448.0 | 0.0 | 12.08 | AL317 | 75220.5 | 21.79 |
| 105.0 | -1.40 | 10088.0 | 0.0 | -1.45 | - AL318 | 75325.5 | 23.24 |
| 417.5 | 18.45 | 9717.5 | 0.0 | 18.53 | AL320 | 75743.0 | 41.78 |
| 107.0 | -8.40 | 10498.5 | 0.0 | -8.39 | - AL321 | 75850.0 | 50.17 |
| 197.0 | 0.00 | 9967.5 | 1.0 | 0.00 | AL322 | 76047.0 | 50.18 |
| 133.0 | 7.40 | 9649.0 | 0.0 | 7.34 | - AL323 | 76180.0 | 42.84 |
| 216.0 | 14.10 | 9584.5 | 0.0 | 14.11 | AL324 | 76396.0 | 56.96 |
| 164.0 | -11.70 | 10452.5 | 0.0 | -11.67 | - AL325 | 76560.0 | 68.63 |
| 15.0 | -4.5 | 10187.5 | 0.0 | -4.4 | AL326 | 76575.0 | 68.19 |
| 257.0 | 25.50 | 9367.5 | 0.0 | 25.61 | - AL327 | 76832.0 | 42.57 |
| 179.0 | 10.70 | 9621.0 | 0.0 | 10.66 | AL328 | 77011.0 | 53.24 |
| 195.0 | -5.40 | 10178.5 | 0.0 | -5.46 | - AL329 | 77206.0 | 58.71 |
| 177.0 | -14.40 | 10518.5 | 0.0 | -14.44 | AL330 | 77383.0 | 44.26 |
| 223.0 | 7.75 | 9779.5 | 0.0 | 7.72 | - AL331 | 77606.0 | 36.54 |
| 147.0 | -20.40 | 10875.5 | 0.0 | -20.34 | AL332 | 77753.0 | 16.19 |
| 159.0 | -6.80 | 10272.5 | 0.0 | -6.81 | - AL333 | 77912.0 | 23.00 |
| 244.0 | 13.40 | 9652.0 | 0.0 | 13.35 | AL334 | 78156.0 | 36.35 |
| 89.0 | -3.50 | 10251.5 | 0.0 | -3.51 | - AL335 | 78245.0 | 39.87 |
| 29.0 | -2.20 | 10486.5 | 0.0 | -2.22 | AL336 | 78274.0 | 37.65 |
| 207.0 | 14.40 | 9558.0 | 0.0 | 14.39 | - AL337 | 78481.0 | 23.25 |
| 277.5 | 17.85 | 9591.5 | 0.0 | 17.83 | AL338 | 78758.5 | 41.09 |
| 157.0 | 11.20 | 9549.0 | 0.0 | 11.14 | - AL339 | 78915.5 | 29.94 |
| 180.0 | -4.50 | 10159.5 | 0.0 | -4.51 | AL340 | 79095.5 | 25.43 |
| 126.5 | -5.0 | 10024.5 | 0.0 | -4.8 | - AL341 | 79222.0 | 25.92 |
| 242.0 | 1.80 | 9952.5 | 0.0 | 1.80 | AL342 | 79464.0 | 27.73 |
| 225.0 | 1.10 | 9970.5 | 0.0 | 1.04 | - AL343 | 79689.0 | 26.68 |
| 230.0 | 6.40 | 9795.5 | 1.0 | 6.39 | AL344 | 79919.0 | 33.07 |
| 79.0 | 3.45 | 9721.5 | 0.0 | 3.45 | - AL345 | 79998.0 | 29.62 |
| 198.0 | 50.00 | 8422.5 | 0.0 | 50.09 | AL346 | 80196.0 | 79.71 |
| 102.0 | -19.00 | 11169.5 | 0.0 | -18.95 | - AL347 | 80298.0 | 98.66 |
| 212.5 | 10.15 | 9697.5 | 0.0 | 10.10 | AL348 | 80510.5 | 108.77 |
| 197.0 | -3.30 | 10108.5 | 0.0 | -3.35 | - AL349 | 80707.5 | 112.12 |
| 257.0 | -6.60 | 10163.5 | 0.0 | -6.60 | AL350 | 80964.5 | 105.52 |
| 106.0 | 8.10 | 9516.5 | 0.0 | 8.06 | - AL351 | 81070.5 | 97.46 |
| 258.0 | -25.40 | 10624.5 | 0.0 | -25.39 | AL352 | 81328.5 | 72.06 |

| DISTANCE | DIFF/M | ANGLE | S-I | DIFF/C | NAME | LENGTH | ELEVATION |
|----------|--------|---------|-----|--------|----------|---------|-----------|
| 268.5 | 27.00 | 9363.0 | 0.0 | 26.95 | - AL353 | 81597.0 | 45.11 |
| 255.0 | -15.90 | 10397.5 | 0.0 | -15.94 | - AL354 | 81852.0 | 29.17 |
| 247.0 | 2.70 | 9929.0 | 0.0 | 2.75 | - AL355 | 82099.0 | 26.41 |
| 271.5 | -8.5 | 10021.0 | 0.0 | -8.89 | - AL356 | 82370.5 | 25.52 |
| 229.0 | -5.50 | 10152.5 | 0.0 | -5.48 | - AL357 | 82599.5 | 20.03 |
| 227.0 | 3.90 | 9890.0 | 0.0 | 3.92 | - AL358 | 82826.5 | 16.11 |
| 256.0 | -2.50 | 10062.5 | 0.0 | -2.51 | - AL359 | 83082.5 | 13.59 |
| 215.0 | 1.20 | 9965.5 | 0.0 | 1.16 | - AL360 | 83297.5 | 12.43 |
| 374.5 | -9.05 | 10152.5 | 0.0 | -8.97 | - AL361 | 83672.0 | 3.46 |
| 175.0 | -4.20 | 10153.0 | 0.0 | -4.20 | - AL362 | 83847.0 | 7.66 |
| 235.0 | 12.90 | 9654.0 | 0.0 | 12.78 | - AL363 | 84082.0 | 20.45 |
| 425.0 | -19.20 | 10286.5 | 0.0 | -19.13 | - AL364 | 84507.0 | 39.59 |
| 271.0 | -1.15 | 10026.5 | 0.0 | -1.12 | - AL365 | 84778.0 | 38.46 |
| 298.5 | 6.10 | 9871.0 | 0.0 | 6.04 | - AL366 | 85076.5 | 32.41 |
| 192.0 | -5.35 | 10178.0 | 0.0 | -5.36 | - AL367 | 85268.5 | 27.04 |
| 255.0 | 17.20 | 9573.0 | 0.0 | 17.12 | - AL368 | 85523.5 | 9.91 |
| 211.5 | 2.50 | 9926.5 | 0.0 | 2.44 | - AL369 | 85735.0 | 12.35 |
| 227.0 | -7.45 | 10210.5 | 0.0 | -7.50 | - AL370 | 85962.0 | 19.86 |
| 137.0 | 2.25 | 9893.0 | 0.0 | 2.30 | - AL371 | 86099.0 | 22.16 |
| 241.0 | -24.50 | 10646.5 | 0.0 | -24.55 | - AL372 | 86340.0 | 46.72 |
| 224.0 | 28.50 | 9190.5 | 0.0 | 28.63 | - AL373 | 86564.0 | 75.36 |
| 78.5 | -2.80 | 10230.5 | 0.0 | -2.84 | - AL374 | 86642.5 | 78.20 |
| 260.0 | 25.00 | 9387.5 | 0.0 | 25.09 | - AL375 | 86902.5 | 103.29 |
| 291.5 | -35.00 | 10766.5 | 0.0 | -35.26 | *- AL376 | 87194.0 | 138.56 |
| 128.0 | 14.80 | 9268.5 | 0.0 | 14.77 | - AL377 | 87322.0 | 153.33 |
| 175.0 | 6.60 | 9762.5 | 0.0 | 6.53 | - AL378 | 87497.0 | 146.80 |
| 277.0 | -14.00 | 10321.5 | 0.0 | -14.00 | - AL379 | 87774.0 | 132.80 |
| 280.5 | 6.30 | 9857.5 | 0.0 | 6.27 | - AL380 | 88054.5 | 126.52 |
| 200.0 | -5.00 | 10158.5 | 0.0 | -4.98 | - AL381 | 88254.5 | 121.54 |
| 137.0 | 2.70 | 9876.5 | 0.0 | 2.65 | - AL382 | 88391.5 | 118.88 |
| 142.0 | -8.50 | 10383.5 | 0.0 | -8.56 | - AL383 | 88533.5 | 110.32 |
| 220.0 | 23.40 | 9324.5 | 0.0 | 23.43 | - AL384 | 88753.5 | 86.89 |
| 213.0 | -18.60 | 10553.5 | 0.0 | -18.56 | - AL385 | 88966.5 | 68.32 |
| 226.5 | 23.90 | 9330.0 | 0.0 | 23.92 | - AL386 | 89193.0 | 44.40 |
| 318.0 | -20.00 | 10399.5 | 0.0 | -19.98 | - AL387 | 89511.0 | 24.41 |
| 215.0 | -1.40 | 10041.5 | 0.0 | -1.40 | - AL388 | 89726.0 | 25.82 |
| 280.5 | -3.70 | 10085.0 | 0.0 | -3.74 | - AL389 | 90006.5 | 22.07 |

| DISTANCE | DIFF/M | ANGLE | S-I | DIFF/C | NAME | LENGTH | ELEVATION |
|----------|--------|---------|-----|--------|---------|---------|-----------|
| 46352.0 | 67.00 | | | | AL179 | 46352.0 | 67.00 |
| 0.0 | 0.00 | | | | | | |
| 103.0 | 4.80 | 9704.0 | 0.0 | 4.79 | - ST001 | 46455.0 | 62.20 |
| 125.0 | 9.10 | 9535.0 | 0.0 | 9.14 | ST002 | 46580.0 | 71.35 |
| 76.0 | -2.80 | 10239.0 | 0.0 | -2.85 | - ST003 | 46656.0 | 74.20 |
| 187.0 | -19.80 | 10672.0 | 0.0 | -19.81 | ST004 | 46843.0 | 54.39 |
| 181.0 | 11.30 | 9604.0 | 0.0 | 11.27 | - ST005 | 47024.0 | 43.12 |
| 283.0 | -6.10 | 10137.0 | 0.0 | -6.09 | ST006 | 47307.0 | 37.03 |
| 194.5 | -15.10 | 10493.0 | 0.0 | -15.09 | - ST007 | 47501.5 | 52.12 |
| 135.0 | 10.10 | 9522.0 | 0.0 | 10.15 | ST009 | 47636.5 | 62.27 |
| 252.5 | 14.10 | 9647.0 | 0.0 | 14.01 | - ST010 | 47889.0 | 48.26 |
| 421.5 | -4.20 | 10064.0 | 0.0 | -4.23 | ST012 | 48310.5 | 44.02 |
| 141.0 | -4.60 | 10210.0 | 0.0 | -4.65 | - ST013 | 48451.5 | 48.67 |
| 237.0 | .20 | 9997.0 | 0.0 | .11 | ST014 | 48688.5 | 48.79 |
| 178.0 | -1.10 | 10040.0 | 0.0 | -1.11 | - ST015 | 48866.5 | 49.90 |
| 80.5 | -6.00 | 10475.0 | 0.0 | -6.01 | ST016 | 48947.0 | 43.89 |
| 95.0 | 4.50 | 9695.0 | 0.0 | 4.55 | - ST017 | 49042.0 | 39.33 |
| 248.0 | -17.20 | 10441.0 | 0.0 | -17.20 | ST019 | 49290.0 | 22.12 |
| 188.5 | -23.00 | 10772.0 | 0.0 | -22.97 | - ST018 | 49478.5 | 45.10 |
| 248.5 | -8.20 | 10210.0 | 0.0 | -8.20 | ST020 | 49727.0 | 36.90 |
| 214.0 | 3.90 | 9885.0 | 0.0 | 3.86 | - ST021 | 49941.0 | 33.03 |
| 320.0 | 5.50 | 9891.0 | 0.0 | 5.47 | ST023 | 50261.0 | 38.51 |
| 355.5 | 17.30 | 9692.0 | 0.0 | 17.21 | - ST025 | 50616.5 | 21.30 |
| 101.0 | -2.70 | 10171.0 | 0.0 | -2.71 | ST026 | 50717.5 | 18.58 |
| 233.0 | 11.40 | 9690.0 | 0.0 | 11.35 | - ST027 | 50950.5 | 7.23 |
| 203.5 | 5.20 | 9838.0 | 0.0 | 5.17 | ST028 | 51154.0 | 12.41 |
| 374.0 | 5.80 | 9901.0 | 0.0 | 5.81 | - ST029 | 51528.0 | 6.59 |
| 274.0 | .50 | 9989.0 | 0.0 | .47 | ST030 | 51802.0 | 7.06 |
| 245.0 | .60 | 9987.0 | 0.0 | .50 | - ST031 | 52047.0 | 6.56 |
| 204.0 | -2.30 | 10071.0 | 0.0 | -2.27 | ST032 | 52251.0 | 4.29 |
| 365.0 | .60 | 9989.0 | 0.0 | .63 | - ST033 | 52616.0 | 3.66 |
| 255.0 | -2.60 | 10065.0 | 0.0 | -2.60 | ST034 | 52871.0 | 1.05 |
| 252.5 | .50 | 9988.0 | 0.0 | .47 | - ST035 | 53123.5 | .58 |
| 330.5 | 0.00 | 9999.0 | 0.0 | .05 | ST036 | 53454.0 | .63 |
| 217.0 | .10 | 9994.0 | 0.0 | .20 | - ST037 | 53671.0 | .43 |
| 223.0 | .20 | 9995.0 | 0.0 | .17 | ST038 | 53894.0 | .60 |
| 244.0 | .10 | 9996.0 | 0.0 | .15 | - ST039 | 54138.0 | .45 |
| 332.0 | 1.10 | 9978.0 | 0.0 | 1.14 | ST040 | 54470.0 | 1.60 |
| 382.5 | 1.20 | 9983.0 | 0.0 | 1.02 | - ST041 | 54852.5 | .57 |
| 147.0 | .90 | 9961.0 | 0.0 | .90 | ST042 | 54999.5 | 1.47 |

| DISTANCE | DIFF/M | ANGLE | S-I | DIFF/C | NAME | LENGTH | ELEVATION |
|----------|--------|---------|-----|--------|----------|---------|-----------|
| 314.5 | 0.00 | 10000.0 | 0.0 | 0.00 | - ST043 | 55314.0 | 1.47 |
| 274.5 | -.30 | 10005.0 | 0.0 | -.21 | - ST044 | 55588.5 | 1.26 |
| 230.5 | -.20 | 10005.5 | 0.0 | -.19 | - ST045 | 55819.0 | 1.46 |
| 225.5 | -.20 | 10004.5 | 0.0 | -.15 | - ST046 | 56044.5 | 1.30 |
| 240.0 | -.50 | 10014.0 | 0.0 | -.52 | - ST047 | 56284.5 | 1.83 |
| 245.0 | -.30 | 10006.0 | 0.0 | -.23 | - ST048 | 56529.5 | 1.60 |
| 248.0 | .40 | 9990.5 | 0.0 | .37 | - ST049 | 56777.5 | 1.23 |
| 237.0 | -.40 | 10010.5 | 0.0 | -.39 | - ST050 | 57014.5 | .83 |
| 238.0 | .10 | 9996.0 | 0.0 | .14 | - ST051 | 57252.5 | .68 |
| 263.0 | -.10 | 10003.0 | 0.0 | -.12 | - ST052 | 57515.5 | .56 |
| 123.0 | -4.10 | 10209.5 | 0.0 | -4.04 | - ST053 | 57638.5 | 4.61 |
| 287.0 | .70 | 9985.0 | 0.0 | .67 | - ST054 | 57925.5 | 5.29 |
| 243.0 | 4.70 | 9876.0 | 0.0 | 4.73 | - ST055 | 58168.5 | .55 |
| 211.5 | 0.00 | 10000.0 | 0.0 | 0.00 | - ST056 | 58380.0 | .55 |
| 244.5 | -.20 | 10004.5 | 0.0 | -.17 | - ST057 | 58624.5 | .73 |
| 239.0 | 2.70 | 9929.5 | 0.0 | 2.64 | - ST058 | 58863.5 | 3.37 |
| 344.0 | 2.40 | 9956.0 | 0.0 | 2.37 | - ST059 | 59207.5 | .99 |
| 361.0 | .40 | 9993.5 | 0.0 | .36 | - ST060 | 59568.5 | 1.36 |
| 234.5 | .20 | 9996.0 | 0.0 | .14 | - ST061 | 59803.0 | 1.22 |
| 194.0 | -.20 | 10007.0 | 0.0 | -.21 | - ST062 | 59997.0 | 1.00 |
| 258.0 | -.40 | 10010.5 | 0.0 | -.42 | - ST063 | 60255.0 | 1.43 |
| 259.0 | -.30 | 10006.5 | 0.0 | -.26 | - ST064 | 60514.0 | 1.16 |
| 270.5 | 0.00 | 10002.0 | 0.0 | -.08 | - ST065 | 60784.5 | 1.25 |
| 257.0 | 0.00 | 9999.0 | 0.0 | .04 | - ST066 | 61041.5 | 1.29 |
| 257.0 | -.30 | 10008.0 | 0.0 | -.32 | - ST067 | 61298.5 | 1.61 |
| 260.0 | -.50 | 10014.5 | 0.0 | -.59 | - ST068 | 61558.5 | 1.02 |
| 269.5 | -.20 | 10005.0 | 0.0 | -.21 | - ST069 | 61828.0 | 1.23 |
| 250.0 | -.30 | 10009.0 | 0.0 | -.35 | - ST070 | 62078.0 | .88 |
| 250.0 | .20 | 9996.0 | 0.0 | .15 | - ST071 | 62328.0 | .72 |
| 225.0 | -.20 | 10006.0 | 0.0 | -.21 | - ST072 | 62553.0 | .51 |
| 140.0 | -3.20 | 10146.0 | 0.0 | -3.21 | - ST073 | 62693.0 | 3.72 |
| 234.0 | -3.20 | 10089.0 | 0.0 | -3.27 | - ST074 | 62927.0 | .45 |
| 238.0 | 0.00 | 10001.5 | 0.0 | -.05 | - ST075 | 63165.0 | .50 |
| 240.0 | 2.40 | 9935.0 | 0.0 | 2.45 | - ST076 | 63405.0 | 2.96 |
| 221.0 | -5.40 | 10157.0 | 0.0 | -5.45 | - ST077 | 63626.0 | 8.41 |
| 81.0 | 3.60 | 9716.0 | 0.0 | 3.61 | - ST078 | 63707.0 | 12.02 |
| 245.0 | 11.40 | 9703.5 | 0.0 | 11.41 | - ST079 | 63952.0 | .60 |
| 369.0 | 8.40 | 9855.5 | 0.0 | 8.37 | - ST080 | 64321.0 | 8.98 |
| 18.0 | .20 | 9914.5 | 0.0 | .24 | - ST080B | 64339.0 | 8.74 |
| 55.0 | -.40 | 10043.5 | 0.0 | -.37 | - ST081 | 64394.0 | 8.36 |

| DISTANCE | DIFF/M | ANGLE | S-I | DIFF/C | NAME | LENGTH | ELEVATION |
|----------|--------|---------|-----|--------|---------|---------|-----------|
| 635.5 | 7.50 | 9926.0 | 0.0 | 7.38 | - ST083 | 65029.5 | .98 |
| 265.0 | -2.20 | 10006.0 | 0.0 | -.24 | ST084 | 65294.5 | .73 |
| 176.0 | 0.00 | 10000.0 | 0.0 | 0.00 | - ST085 | 65470.5 | .73 |
| 110.0 | .60 | 9965.0 | 0.0 | .60 | ST086 | 65580.5 | 1.33 |
| 134.0 | -.30 | 10012.0 | 0.0 | -.25 | - ST087 | 65714.5 | 1.58 |
| 231.5 | -.40 | 10012.0 | 0.0 | -.43 | ST088 | 65946.0 | 1.15 |
| 252.0 | -4.20 | 10105.0 | 0.0 | -4.15 | - ST089 | 66198.0 | 5.30 |
| 327.5 | 1.00 | 9982.0 | 0.0 | .92 | ST090 | 66525.5 | 6.23 |
| 179.0 | 1.40 | 9950.0 | 0.0 | 1.40 | - ST091 | 66704.5 | 4.82 |
| 271.0 | -4.10 | 10099.0 | 0.0 | -4.21 | ST092 | 66975.5 | .61 |
| 245.0 | -2.40 | 10064.0 | 0.0 | -2.46 | - ST093 | 67220.5 | 3.07 |
| 117.0 | .10 | 9997.0 | 0.0 | .05 | ST094 | 67337.5 | 3.13 |
| 258.0 | 2.80 | 9930.0 | 0.0 | 2.83 | - ST095 | 67595.5 | .29 |
| 355.0 | -4.80 | 9917.0 | 0.0 | 4.62 | ST096 | 67950.5 | 4.92 |
| 201.0 | -3.30 | 10105.0 | 0.0 | -3.31 | - ST097 | 68151.5 | 8.23 |
| 204.0 | -4.00 | 10126.5 | 0.0 | -4.05 | ST098 | 68355.5 | 4.18 |
| 310.0 | 2.00 | 9960.0 | 0.0 | 1.94 | - ST099 | 68665.5 | 2.23 |
| 317.0 | -.20 | 10006.0 | 0.0 | -.29 | ST100 | 68982.5 | 1.93 |
| 620.0 | 7.40 | 9924.0 | 0.0 | 7.40 | ST101 | 69602.5 | 9.34 |

