

## Survey Summary

Level GPS Surveys 12/1999 to 2/2000

City of Milpitas

| Point Name     | CCS83(1992) Zone 3 |             | Differential Levels<br>(US Survey Feet) |                | Description   |
|----------------|--------------------|-------------|---|----------------|---|
|                | Northing           | Easting     | NGVD29                                  | NAVD88         |   |
| 308            | 1988181.077        | 6169764.275 | 559.933                                 | <b>562.673</b> | Rebar and Towill, Inc cap in the parking area of Spring Valley Pond picnic area, located 48' south of the edge of Calaveras Road, and 3.9' east of wooden barricade in parking area, Ed Levin County Park   |
| 309            | 1988508.796        | 6170536.680 | 592.813                                 | <b>595.553</b> | Rebar and Towill, Inc cap   |
| 310            | 1990626.079        | 6166517.034 | 602.208                                 | <b>604.948</b> | Rebar and Towill, Inc cap set in parking area 200' east of Downing Road, 12' north from edge of parking area pavement, 75' SE of "No Swimming Sign", and 150' southwest from dam  |
| 311            | 1991414.863        | 6165438.300 | 598.414                                 | <b>601.154</b> | 2" aluminum Towill disk stamped 311, set in asphalt in driveway to parking lot of Lakeside Picnic Area, located 12' west of east edge of driveway, 10.3' east of west edge of driveway, 40' south of beginning of parking lot, and 80' east of east edge of Downing Road, in the Ed Levin County Park |
| ABB-CAL        |                    |             | 15.077                                  | <b>17.817</b>  | Brass disk in monument well at intersection, Abbott Avenue and West Calaveras Boulevard   |
| ABB-CHE        |                    |             | 7.730                                   | <b>10.470</b>  | 3/4" IP in monument well at intersection, Abbott Avenue and Chestnut Avenue.  |
| ABB-ELM        | 1984779.674        | 6150796.746 | 7.673                                   | <b>10.413</b>  | 3/4" IP in monument well at intersection, Abbott Avenue and Elm Avenue.   |
| ABB-KEN        |                    |             | 9.100                                   | <b>11.840</b>  | 3/4" IP in monument well at intersection, Abbott Avenue and Keniston Avenue.  |
| ABB-MAR        |                    |             | 8.585                                   | <b>11.325</b>  | 3/4" IP in monument well at intersection, Abbott Avenue and Marylinn Drive.   |
| ABB-RED        | 1985779.946        | 6150811.419 | 8.263                                   | <b>11.003</b>  | 3/4" IP in monument well at intersection, Abbott Avenue and Redwood Avenue.   |
| ABB-SAN        |                    |             | 15.886                                  | <b>18.626</b>  | Brass disk in monument well at C/L San Andreas Drive. 50' + west of C/L Penitencia Creek at beginning of Abbott Avenue.   |
| ABB-SPE        |                    |             | 11.912                                  | <b>14.652</b>  | Brass disk in monument well at intersection, Abbott Avenue and Spence Avenue  |
| ABE-CAP        |                    |             | 25.459                                  | <b>28.199</b>  | Brass disk in monument well at intersection, South Abel Street and Capitol Avenue   |
| ABE-COR        | 1980170.402        | 6153038.789 | 17.124                                  | <b>19.864</b>  | Brass disk in monument well at intersection, South Abel Street and Corning Avenue eastbound (southerly of two monuments).   |
| ABE-CUR        | 1977865.192        | 6153460.606 | 21.407                                  | <b>24.147</b>  | Brass disk in monument well at intersection, South Abel Street and Curtis Avenue.   |
| ABE-MAI2 RESET |                    |             | 32.407                                  | <b>35.147</b>  | Chiseled square   |
| ABE-MAR2       |                    |             | 9.514                                   | <b>12.254</b>  | Brass disk in monument. well at intersection, Abel Street and Marylinn Drive (northerly of two monuments).  |
| ABE-RR         |                    |             | 16.039                                  | <b>18.779</b>  | Chiseled square on top of north concrete wall of Berryessa Creek channel, 1' west of north abutment WPRR bridge over Berryessa Creek.   |
| ABE-SER        |                    |             | 15.019                                  | <b>17.759</b>  | Brass disk in monument well at intersection, South Abel Street and Serra Way.   |
| ALD-BAR        | 1976246.148        | 6151252.805 | 25.770                                  | <b>28.510</b>  | Brass disk in monument well at intersection, Alder Drive and Barber Lane.   |

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|               | Northing           | Easting     | NGVD29                                  | NAVD88         |  |
| ALD-MCC       | 1976966.613        | 6148987.760 | 21.604                                  | <b>24.344</b>  | Brass disk in monument well at intersection, Alder Drive and McCarthy Boulevard.   |
| AME-MIL       |                    |             | 43.162                                  | <b>45.902</b>  | Brass disk in monument well at intersection, Ames Avenue and South Milpitas Boulevard.   |
| ANN-NPV       |                    |             | 73.630                                  | <b>76.370</b>  | Chiseled square on top of west curb, North Park Victoria Drive, halfway between Princess Place and Ann Place and adjacent to fire hydrant.                 |
| ARI-DIX       |                    |             | 45.961                                  | <b>48.701</b>  | Pin in concrete in monument well, Arizona Avenue and Dixon Road.   |
| ARI-WAS       |                    |             | 37.797                                  | <b>40.537</b>  | Brass disk in monument well at intersection, Arizona Avenue and Washington Drive.  |
| AUG-EC        |                    |             | 604.368                                 | <b>607.108</b> | Brass disk in monument well, C/L E.C. Augusta Court (at cul-de-sac).   |
| AUG-TUL       | 1992056.810        | 6162332.064 | 620.455                                 | <b>623.195</b> | Brass disk in monument well at intersection, Augusta Court, Tularcitos Drive, Pinehurst Court and Country Club Drive.                                      |
| BAR-2         |                    |             | 22.866                                  | <b>25.606</b>  | Chiseled cross in north rim sanitary sewer manhole, 100' + east of C/L Barber Lane, southerly of Hetch Hetchy water line, 0.5 mile + south of Highway 237. |
| BAR-237       |                    |             | 21.278                                  | <b>24.018</b>  | Brass disk in monument well at cul-de-sac Barber Court   |
| BAR-BC        |                    |             |   |                | Brass disk in monument well at C/L B.C. Barber Lane 780' + east of intersection Barber Lane and McCarthy Boulevard   |
| BAR-BEL       | 1979364.677        | 6149826.038 | 22.924                                  | <b>25.664</b>  | Brass disk in monument well at intersection, Barber Lane, Barber Court and Bellew Drive.   |
| BAR-EC        |                    |             | 33.67                                   | <b>36.41</b>   | Brass disk in monument well at C/L E.C. Barber Lane 1150'+ east of intersection, Barber Lane and McCarthy Boulevard  |
| BAR-MCC RESET |                    |             | 33.950                                  | <b>36.690</b>  | Brass disk in monument well at intersection, Barber Lane and McCarthy Boulevard.   |
| BAR-SYC       | 1975054.694        | 6151671.573 | 24.295                                  | <b>27.035</b>  | Brass disk in monument well at intersection, Barber Lane and Sycamore Drive.   |
| BB-SPV        |                    |             | 95.150                                  | <b>97.890</b>  | Brass disk in monument well at intersection, Big Basin Drive and South Park Victoria Drive.  |
| BEL-MCC       |                    |             | 19.016                                  | <b>21.756</b>  | Brass disk in monument well at intersection, Bellew Drive and McCarthy Boulevard.  |
| BER-PAC       |                    |             | 24.177                                  | <b>26.917</b>  | Chiseled square, top of south end of east abutment of pedestrian bridge over Berryessa Creek at Pacheco Drive.   |
| BER-REF       |                    |             | 25.799                                  | <b>28.539</b>  | Chiseled square, north top of curb at east end, Paseo de Refugio bridge over Berryessa Creek.  |
| BOL-NPV       |                    |             | 145.364                                 | <b>148.104</b> | Brass disk in monument well at intersection, Bolton Drive and North Park Victoria Drive.   |
| BUC-SYC       |                    |             | 26.997                                  | <b>29.737</b>  | Brass disk in monument well at intersection, Buckeye Drive and Sycamore Drive.   |

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|---------------|--------------------|-------------|---|----------------|--|
|               | Northing           | Easting     | NGVD29                                  | NAVD88         |  |
| BUR-TEM       |                    |             | 100.997                                 | <b>103.737</b> | 3/4" IP in monument well at intersection, Temple Drive and Burley Drive west (Southerly monument).   |
| CAL-CAR RESET |                    |             | 68.509                                  | <b>71.249</b>  | 1 1/8" brass disk stamped Towill Inc. set in the top curb on the northerly side of Calaveras Road, located 55' easterly of the centerline of Carnegie.   |
| CAL-DEM       |                    |             | 47.525                                  | <b>50.265</b>  | Chiseled square, south top of curb, East Calaveras Boulevard and Dempsey Way.  |
| CAL-EVA RESET |                    |             | 126.554                                 | <b>129.294</b> | Brass disk in monument well  |
| CAL-GAD       |                    |             | 79.737                                  | <b>82.477</b>  | 3/4" IP in monument well, 10' south of C/L, East Calaveras Boulevard at intersection, East Calaveras Boulevard and Gadsden Drive (southerly monument).   |
| CAL-HH2       |                    |             | 22.334                                  | <b>25.074</b>  | Cut "X" on north bolt of electrolier base, south curb line of East Calaveras Boulevard, 115'+ west of intersection, of C/L Hetch Hetchy water line and East Calaveras Boulevard, 0.2 miles east of Milpitas. |
| CAL-HIL       | 1983354.038        | 6157123.244 | 26.005                                  | <b>28.745</b>  | Brass disk in monument well at intersection, East Calaveras Boulevard and Hillview Drive.  |
| CAL-MIL       | 1982912.586        | 6155320.091 | 19.231                                  | <b>21.971</b>  | Brass disk in monument well at intersection, Calaveras Boulevard and Milpitas Boulevard.   |
| CAL-PIE       |                    |             | 145.772                                 | <b>148.512</b> | 1" IP in monument well at intersection, Calaveras Road and Piedmont Road.  |
| CAL-PV        | 1984042.675        | 6159765.947 | 54.185                                  | <b>56.925</b>  | Brass disk under 18" steel plate at intersection, East Calaveras Boulevard and Park Victoria Drive (Easterly disk of two).   |
| CAL-RR        |                    |             | 17.659                                  | <b>20.399</b>  | Chiseled square on top of catch basin, north side of Railroad Avenue, 800' + West of intersection, Calaveras Boulevard and Milpitas Boulevard, 135' + easterly of main line, WPRR.                           |
| CAL-TEM       | 1984670.012        | 6162188.906 | 103.234                                 | <b>105.974</b> | 3/4" IP in monument well at intersection, East Calaveras Boulevard and Temple Drive.   |
| CAL-VIS 1999  |                    |             | 404.445                                 | <b>407.185</b> | 3/4" IP in monument well   |
| CAM-JAC RESET | 1988184.868        | 6155877.235 | 22.544                                  | <b>25.284</b>  | 1 1/8" Towill disk set at the top NW corner of Jacklin and Campbell in the top of the curb, located 10' east along the Jacklin curb line from a catch basin.   |
| CAN-TEM       |                    |             | 96.449                                  | <b>99.189</b>  | 3/4" IP in monument well at intersection, Canton Drive and Temple Drive (Centerline monument of Temple Drive).   |
| CAP-MAI       |                    |             | 30.076                                  | <b>32.816</b>  | Brass disk in monument well at intersection, Capitol Avenue and South Main Street.   |
| CAP-RR        |                    |             | 49.433                                  | <b>52.173</b>  | Brass disk in monument well C/L Capitol Avenue 105' + southeast of C/L WPRR.   |

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|                   | Northing           | Easting     | NGVD29                                  | NAVD88         |  |
| CAR-MAI (new)     |                    |             | 13.727                                  | <b>16.406</b>  | Brass Disk on east top of curb at southeast curb return, South Main Street at Carlo Street. Set December 2005.   |
| CAR-MAI (removed) |                    |             | 13.666                                  | <b>16.406</b>  | Chiseled square on east top of curb at southeast curb return, South Main Street at Carlo Street. Removed   |
| CAR-YOS           |                    |             | 68.885                                  | <b>71.625</b>  | Brass disk in monument well at intersection, Carnegie Drive and Yosemite Drive. (C/L monument of Carnegie Drive).  |
| CC-CLUB           |                    |             | 438.413                                 | <b>441.153</b> | Chiseled square, northeast corner of concrete slab with electric transformer, 40' north of northeast corner, Country Club Restaurant.  |
| CC-NPV            |                    |             | 46.188                                  | <b>48.928</b>  | Brass disk in monument well at intersection, North Park Victoria Drive and Country Club Drive.   |
| CC-PUMP           | 1990215.765        | 6159360.177 | 220.821                                 | <b>223.561</b> | Brass disk in monument well, 0.2 mile east of intersection, North Park Victoria Drive and Country Club Drive, 50+ north of pumping station.  |
| CC-TUL            |                    |             | 433.618                                 | <b>436.358</b> | Brass disk in monument well at intersection, Country Club Drive and Tularcitos Drive (monument is 32' east of B.C. monument of Country Club Drive, 25' north of C/L monument, Tularcitos Drive, 7' northerly of SS manhole). |
| CDH-L-539         |                    |             | 85.642                                  | <b>88.382</b>  | Brass disk in monument well  |
| CED-MAI           | 1974146.434        | 6154253.686 | 33.940                                  | <b>36.680</b>  | Brass disk in monument well at intersection, Cedar Way and South Main Street.  |
| CLL-LAN           |                    |             | 119.203                                 | <b>121.943</b> | 1/2" brass pin in concrete at intersection, Clear Lake Avenue and Landess Avenue.  |
| CON-DIX           | 1993005.107        | 6154127.444 | 81.817                                  | <b>84.557</b>  | Brass disk in monument well, Conway Street southbound and Dixon Road.  |
| CON-GOS           |                    |             | 79.951                                  | <b>82.691</b>  | Pin in concrete in monument well at intersection, Conway Street and Gosser Street.   |
| CON-MAN           |                    |             | 84.209                                  | <b>86.949</b>  | Pin in concrete in monument well at intersection, Conway Street and Manfred Street.  |
| CO-NPV            |                    |             | 36.583                                  | <b>39.323</b>  | Brass disk in monument well at intersection, Calle Oriente and North Park Victoria Drive.  |
| COT-MCC           |                    |             | 30.477                                  | <b>33.217</b>  | Brass disk in monument well at intersection, McCarthy Boulevard and Cottonwood Drive.  |
| CRE-NPV           |                    |             | 35.218                                  | <b>37.958</b>  | Brass disk in monument well at intersection, Creed Street and Park Victoria Drive.   |
| CRL-SEQ           |                    |             | 103.968                                 | <b>106.708</b> | Brass disk in monument well at intersection, Crater Lake Avenue and Sequoia Drive.   |
| CUR-DIE           |                    |             | 89.986                                  | <b>92.726</b>  | Brass disk in monument well at intersection, Curtner Drive and Diel Drive.   |
| DEN-TEM           |                    |             | 86.647                                  | <b>89.387</b>  | Brass disk in monument well at intersection, Dennis Avenue and North Temple Drive.   |

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|                  | Northing           | Easting     | NGVD29                                  | NAVD88         |   |
| DIX-LND          | 1991164.846        | 6149574.614 | 8.263                                   | <b>11.003</b>  | Brass disk in monument well, 90' + east of C/L PG&E tower line.   |
| DIX-MIL          | 1992136.295        | 6151988.203 | 30.955                                  | <b>33.695</b>  | Brass disk in monument well   |
| DIX-RR           | 1991693.688        | 6150817.253 | 17.232                                  | <b>19.972</b>  | Brass disk in monument well, Dixon Landing Road 120' + east of WPRR tracks.   |
| DOW-1A           |                    |             | 447.060                                 | <b>449.800</b> | Chiseled square on south end concrete headwall, east side of Downing Road 650'+ north of intersection, Calaveras Road and Downing Road (Reset- 1992).   |
| DOW-OCR2 RESET   |                    |             | 493.594                                 | <b>496.334</b> | Rebar and cap in the asphalt, set in the intersection of Downing Road and Old Calaveras Road, located on the centerline of Downing in the northerly part of the intersection at the junction of the double yellow stripe and the stop bar by the gate to Ed Levin CountyPark. |
| DV-HIL           |                    |             | 23.215                                  | <b>25.955</b>  | Brass disk in monument well at intersection, Del Valle Court and Hillview Drive.  |
| EDS-SPV RESET    |                    |             | 53.266                                  | <b>56.006</b>  | 1 1/8" brass disk stamped Towill Inc. set in the top curb, in the bus stop, at the NE corner of Edsel Drive and South Park Victoria, 21' northerly of the traffic signal/electrolier.   |
| ELM-1 RESET      |                    |             | 552.103                                 | <b>554.843</b> | Rebar and cap set in the asphalt, on the centerline of the entrance road to the Elm Picnic area, 500' northerly of the park entrance kiosk. 300' northerly of Downing Road and 17.3' southeast of a power pole.   |
| ELM-2            |                    |             | 577.537                                 | <b>580.277</b> | Chiseled square, northwest corner of dissipater structure, concrete spillway, south side Sandy Wool Lake.   |
| ESC-JAC          |                    |             | 21.660                                  | <b>24.400</b>  | Chiseled square on south top of curb of Jacklin Road at southeast curb return, Escuela Parkway and Jacklin Road.  |
| ESC-MIL          |                    |             | 12.857                                  | <b>15.597</b>  | Brass disk in monument well at intersection, Escuela Parkway and North Milpitas Boulevard.  |
| ESC-RUS2         |                    |             | 41.874                                  | <b>44.614</b>  | Chiseled square on top of curb of median island, north line of Russell Lane, C/L of Escuela Parkway.  |
| ESC-WAS          | 1991080.933        | 6154555.226 | 56.362                                  | <b>59.102</b>  | Brass disk in monument well at intersection, Escuela Parkway southbound and Washington Drive.   |
| EVA-KEN          |                    |             | 91.349                                  | <b>94.089</b>  | Brass disk in monument well at intersection, Evans Road and Kennedy Drive.  |
| FAN-KEN RESET    | 1986631.539        | 6160282.536 | 58.828                                  | <b>61.568</b>  | Chiseled Cross in Rim   |
| FON-WAS          |                    |             | 27.175                                  | <b>29.915</b>  | Brass disk in monument well at intersection, Fontainbleu Avenue and Washington Drive.   |
| G-554 RESET 1995 |                    |             | 28.994                                  | <b>31.734</b>  | USC&GS Brass disk   |
| GLA-MON          |                    |             | 55.003                                  | <b>57.743</b>  | Brass disk in monument wall at intersection, Gladding Court and Montague Expressway (In Median).  |

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|                  | Northing           | Easting     | NGVD29                                  | NAVD88         |  |
| GPS 503          | 1982796.257        | 6157405.242 | 0.000                                   | <b>0.000</b>   | 2" aluminum Towill disk stamped GPS 503 and set in the top of wall on bridge abutment on NW corner of Los Coches street bridge, located 175' 6 east northeast of Hillview Dr., 650' 6 south southeast of Calaveras Blvd, 6.5' NW of SCVWD "No Trespassing" sign. |
| GPS 505          | 1979457.632        | 6164238.042 | 0.000                                   | <b>0.000</b>   | The station is a city monument located at the cul-de-sac at the end of eagle ridge way. The station is a brass disk set in concrete with no stamp, in a monument well.   |
| HAM-JAC          | 1988058.068        | 6154421.958 | 18.111                                  | <b>20.851</b>  | Brass disk in monument well at intersection, Hamilton Avenue and Jacklin Road.   |
| HAN-MIL          |                    |             | 16.551                                  | <b>19.291</b>  | Brass disk in monument well at intersection, Hanson Court and North Milpitas Boulevard.  |
| HI-LAN           |                    |             | 128.038                                 | <b>130.778</b> | 1/2" brass pin in concrete at intersection, Highland Court and Landess Avenue.   |
| HIL-JAC          |                    |             | 22.445                                  | <b>25.185</b>  | Brass disk in monument well at intersection, Hillview Drive and Jacklin Road.  |
| HIL-LP           |                    |             | 27.062                                  | <b>29.802</b>  | Brass disk in monument well at intersection, Hillview Drive and Las Positas Drive.   |
| HIL-PAC          |                    |             | 30.215                                  | <b>32.955</b>  | Brass disk in monument well at intersection, Hillview Drive and Pacheco Drive.   |
| HIL-RUS          |                    |             | 42.087                                  | <b>44.827</b>  | Brass disk in monument well at intersection, Hillview Drive and Russell Lane (southerly monument of two Monuments).  |
| HIL-TRM          |                    |             | 22.967                                  | <b>25.707</b>  | Brass disk in monument well at intersection, Hillview Drive and Tramway Drive.   |
| J-886 Reset 1961 | 1991339.193        | 6155027.924 | 69.463                                  | <b>72.203</b>  | USC&GS Brass disk  |
| JAC-680          |                    |             | 24.856                                  | <b>27.596</b>  | Chiseled square on North top of curb, Jacklin Road beneath southbound roadway bridge, I-680.   |
| JAC-MIL          |                    |             | 12.747                                  | <b>15.487</b>  | Brass disk in monument well at intersection, Jacklin Road and North Milpitas Boulevard.  |
| K-179 RESET 1969 |                    |             | 49.140                                  | <b>51.880</b>  | U.S.C. & G.S. brass disk in top of north end of west headwall, WPRR culvert crossing of Penitencia Creek, north of Lundy Road.   |
| KEN-LYN          |                    |             | 73.025                                  | <b>75.765</b>  | Brass disk in monument well at intersection, Kennedy Drive and Lynn Avenue.  |
| KEN-NPV          |                    |             | 42.977                                  | <b>45.717</b>  | Brass disk in monument well at intersection, Kennedy Drive and North Park Victoria Drive.  |
| KEN-OCR          | 1987122.136        | 6162187.816 | 121.781                                 | <b>124.521</b> | Brass disk in monument well at intersection, Kennedy Drive. Old Calaveras Road and Evans Road at north side existing Kennedy Drive.  |
| LAN-MIL          | 1975624.788        | 6158915.573 | 60.134                                  | <b>62.874</b>  | Brass disk in monument well at intersection, Landess Avenue (Montague Expressway) and South Milpitas Boulevard.  |
| LAN-PIE          |                    |             | 203.139                                 | <b>205.879</b> | Chiseled square on south top of curb, Landess Avenue southwest curb return, Landess Avenue and (new) Piedmont Road.  |

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| LAN-SPV       | 1976935.463        | 6162339.526 | 102.336                                 | <b>105.076</b> | Brass disk in monument well, C/L South Park Victoria Drive 50' + north of C/L Landess Avenue.   |
| LAN-YEL       | 1977980.488        | 6164505.578 | 141.575                                 | <b>144.315</b> | Brass disk in monument well at intersection, Landess Avenue and Yellowstone Avenue.   |
| LCCYN-1 RESET |                    |             | 304.681                                 | <b>307.421</b> | The station is a rebar and cap set in the asphalt on the southerly side of Calaveras Road. It is located 80' westerly of the driveway to house number 2360 and 7.5' west of power pole number 82. It is 7.0' northerly of the edge of the pavement. |
| LON-WEL       |                    |             | 128.711                                 | <b>131.451</b> | Brass disk in monument well at intersection, London Drive and Wellington Drive, 5' + westerly of C/L Wellington (middle monument of three monuments).   |
| M-874         |                    |             | 13.016                                  | <b>15.756</b>  | U.S.C. & G.S. brass disk in top of north end of west concrete headwall of quadruple 60" CMP culvert, Railroad Avenue 0.1 mile north of SPRR crossing.   |
| MAD-RUS       |                    |             | 42.745                                  | <b>45.485</b>  | Brass disk in monument well at intersection, Madalen Drive and Russell Lane.  |
| MAI-MON       | 1972735.814        | 6154233.505 | 35.126                                  | <b>37.866</b>  | Brass disk in monument well, 35' east of C/L/ Main Street at intersection, South Main Street and Montague Expressway.   |
| MAI-WEL       |                    |             | 12.237                                  | <b>14.977</b>  | Brass disk in monument well at intersection, North Main Street and Weller Lane.   |
| MAR-PEN       |                    |             | 11.335                                  | <b>14.075</b>  | Brass disk in monument well on Penitencia Street, 5' south of intersection, Marylinn Drive and Penitencia Street  |
| MAR-RR        |                    |             | 14.204                                  | <b>16.944</b>  | Brass disk in monument well at E.C. of Railroad Avenue, 360' north of intersection, Railroad Avenue and Marylinn Drive.   |
| MCC-RAN       |                    |             | 17.102                                  | <b>19.842</b>  | Brass disk in monument well at intersection, McCarthy Boulevard and Ranch Road.   |
| MCC-SYC       | 1973923.811        | 6149263.597 | 26.250                                  | <b>28.990</b>  | Brass disk in monument well at intersection, McCarthy Boulevard and Sycamore Drive.   |
| MCC-TAS       | 1975301.424        | 6148882.287 | 23.895                                  | <b>26.635</b>  | Brass disk in monument well at intersection, McCarthy Boulevard and Tasman Drive (two northerly monuments.).  |
| MID-MIL2      |                    |             | 16.750                                  | <b>19.490</b>  | Cut cross on bolt of electrolier base at northeast corner Midwick Drive and North Milpitas Boulevard.   |
| MIL-BC        | 1976966.733        | 6158634.219 | 52.536                                  | <b>55.276</b>  | Brass disk in monument well at C/L B.C. of South Milpitas Boulevard, 1600'+ north of intersection, Landess Avenue and South Milpitas Boulevard.   |
| MIL-LCO       |                    |             | 18.365                                  | <b>21.105</b>  | Brass disk in monument well at intersection, South Milpitas Boulevard and Las Coches Street.  |
| MIL-SUN2      |                    |             | 27.394                                  | <b>30.134</b>  | Brass disk in monument well at intersection, North Milpitas Boulevard and Sunnyhills Court.   |

## Survey Summary

Level GPS Surveys 12/1999 to 2/2000

City of Milpitas

| Point Name     | CCS83(1992) Zone 3 |             | Differential Levels<br>(US Survey Feet) |                | Description  |
|----------------|--------------------|-------------|---|----------------|--|
|                | Northing           | Easting     | NGVD29                                  | NAVD88         |  |
| MIL-TRM2 RESET |                    |             | 11.683                                  | <b>14.423</b>  | Chiseled Square  |
| MIL-TUR        | 1981013.844        | 6156381.329 | 22.274                                  | <b>25.014</b>  | Brass disk in monument well at intersection, South Milpitas Boulevard and Turquoise Street.  |
| MIL-WAS        | 1990293.514        | 6152278.190 | 21.607                                  | <b>24.347</b>  | Brass disk in monument well at intersection, North Milpitas Boulevard and Washington Drive.  |
| MIL-YOS        | 1979382.076        | 6157074.452 | 28.939                                  | <b>31.679</b>  | Brass disk in monument well at intersection, South Milpitas Boulevard and Yosemite Drive.  |
| MON-PEN        |                    |             | 38.810                                  | <b>41.550</b>  | Chiseled square at north end of headwall, west side of Montague Expressway at Penitencia Creek.  |
| MON-PIP        |                    |             | 47.675                                  | <b>50.415</b>  | Brass disk in monument well 100' + east of C/L Piper Drive at C/L E.C. Montague Expressway.  |
| NIC-NPV        |                    |             | 41.553                                  | <b>44.293</b>  | Brass disk in monument well at intersection, North Park Victoria Drive and Nicklaus Avenue.  |
| NPV-STI        |                    |             | 112.056                                 | <b>114.796</b> | Brass disk in monument well at intersection, North Park Victoria Drive and Stirling Drive.   |
| NPV-TOR        | 1987109.285        | 6159130.362 | 40.721                                  | <b>43.461</b>  | Brass disk in monument well at intersection, North Park Victoria Drive and Torres Avenue.  |
| NPV-WES        |                    |             | 101.637                                 | <b>104.377</b> | Brass disk in monument wall at intersection, North Park Victoria Drive and Wessex Place.   |
| OLY-SPV        |                    |             | 76.428                                  | <b>79.168</b>  | Brass disk in monument well at intersection, Olympic Drive and South Park Victoria Drive.  |
| PGE-536        |                    |             | 6.917                                   | <b>9.657</b>   | Chiseled square on northeast concrete support, PG&E high tension tower #5-36, 1000' + south along tower line from Dixon Landing Road.  |
| PGE-538        |                    |             | 9.257                                   | <b>11.997</b>  | Chiseled square on northeast concrete support, PG&E high tension tower #5-38, 2500' + south along tower line from Dixon Landing Road.  |
| PIE-PI RESET   | 1983220.321        | 6165480.480 | 217.745                                 | <b>220.485</b> | Rebar and Towill, Inc cap set in the asphalt near the point of intersection of the curve in Piedmont, located 900' northerly of Yosemite Drive and 90' north of DWR manhole number 3849. It is 7' west of the edge of the pavement and 50' northwest of a JT pole. |
| PIE-SEA RESET  | 1981346.064        | 6165894.056 | 201.228                                 | <b>203.968</b> | Rebar & Towill Cap   |
| PIE-UR RESET   |                    |             | 141.961                                 | <b>144.701</b> | Brass disk in monument well  |
| PIE-YOS        |                    |             | 192.939                                 | <b>195.679</b> | Brass disk in monument well at intersection, Piedmont Road and Yosemite Drive.   |
| ROS-YOS        |                    |             | 79.999                                  | <b>82.739</b>  | Brass disk in monument well at intersection, Roswell Drive and Yosemite Drive.   |

## Survey Summary

Level GPS Surveys 12/1999 to 2/2000

City of Milpitas

| Point Name    | CCS83(1992) Zone 3 |             | Differential Levels<br>(US Survey Feet) |                | Description  |
|---------------|--------------------|-------------|---|----------------|--|
|               | Northing           | Easting     | NGVD29                                  | NAVD88         |  |
| SAN PEDRO     | 1954402.381        | 6152725.497 | 0.000                                   | <b>0.000</b>   | 3D Rod Monument in monument well near the intersection of Younger and San Pedro streets, 126' South of the south curb of Younger St., 28' west of the C/L of San Pedro St.   |
| SEQ-YEL       |                    |             | 114.918                                 | <b>117.658</b> | Brass disk in monument well at intersection, Sequoia Drive and Yellowstone Avenue.   |
| SON-SPV       | 1978633.763        | 6161950.931 | 93.678                                  | <b>96.418</b>  | Brass disk in monument well at intersection, South Park Victoria Drive and Sonoma Drive.   |
| SPVAL-1       |                    |             | 436.112                                 | <b>438.852</b> | 3/4" IP in monument well, Calaveras Road 550' east of intersection, Calaveras Road and Downing Road, 50'+ west of easterly exit from parking lot.  |
| SPVAL-2 RESET |                    |             | 477.531                                 | <b>480.271</b> | Square head bolt in concrete in monument well in the West-bound lane of Calaveras Road, 1150' East of the intersection of Calaveras Road and Downing Road  |
| SPVAL-3 RESET |                    |             | 541.227                                 | <b>543.967</b> | The station is a rebar and cap in the asphalt, set on the edge of the traveled way/white strip on the southerly side of the Calaveras Road. It is located 500' westerly of the entrance to Spring Valley Golf Course, 4' north of and opposite of power pole number 108. |
| SPV-YEL       | 1979496.629        | 6161683.800 | 86.759                                  | <b>89.499</b>  | Brass disk in monument well at intersection, South Park Victoria Drive and Yellowstone Avenue, 6' North of C/L Yellowstone Avenue.   |
| SPV-YOS       | 1980892.979        | 6160693.729 | 62.548                                  | <b>65.288</b>  | Brass disk in monument well at intersection, South Park Victoria Drive and Yosemite Drive.   |
| SWL-1         |                    |             | 593.767                                 | <b>596.507</b> | Chiseled square, northwest corner of northwest concrete slab at boat dock, picnic area, northeast side Sandy Wool Lake.  |
| SWL-2         |                    |             | 589.846                                 | <b>592.586</b> | Chiseled square, northwest corner of headwall, north side of Downing Road, 175'+ northeast of northwest parking area exit (also 175' Northeast of paved road heading northerly).   |
| TAH-YEL       |                    |             | 132.778                                 | <b>135.518</b> | Brass disk in monument well at intersection, Tahoe Drive and Yellowstone Avenue.   |
| TEM-WYL       |                    |             | 91.216                                  | <b>93.956</b>  | 3/4" IP in monument well at intersection, Temple Drive and Wylie Drive.  |
| TEM-YOS       | 1981788.506        | 6162933.958 | 93.929                                  | <b>96.669</b>  | Brass disk in monument well at intersection, Temple Drive and Yosemite Drive.  |
| TUL-BC        |                    |             | 551.464                                 | <b>554.204</b> | Brass disk at monument line B.C. Tularcitos Drive, 250' + north of water tank.   |