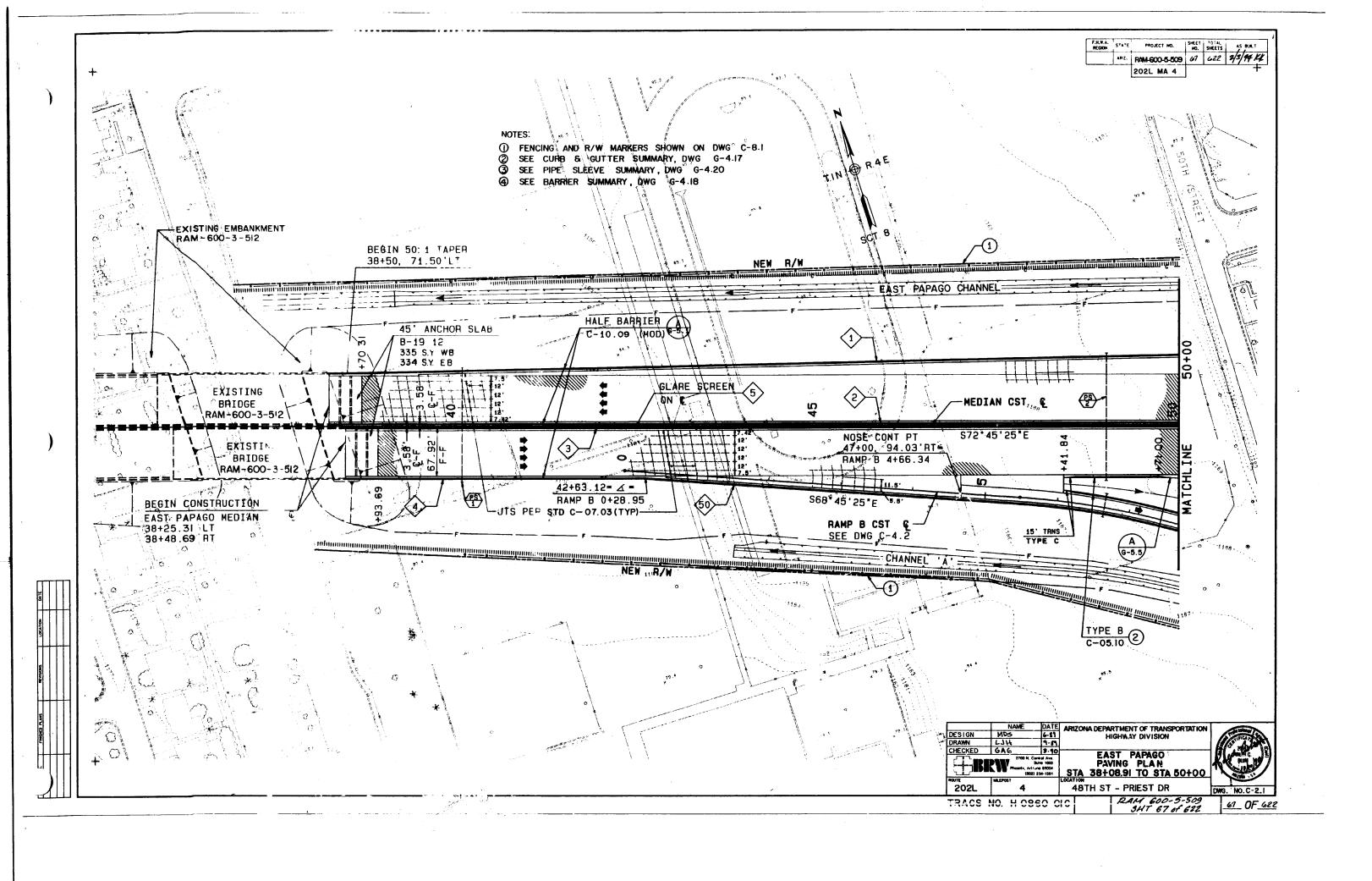


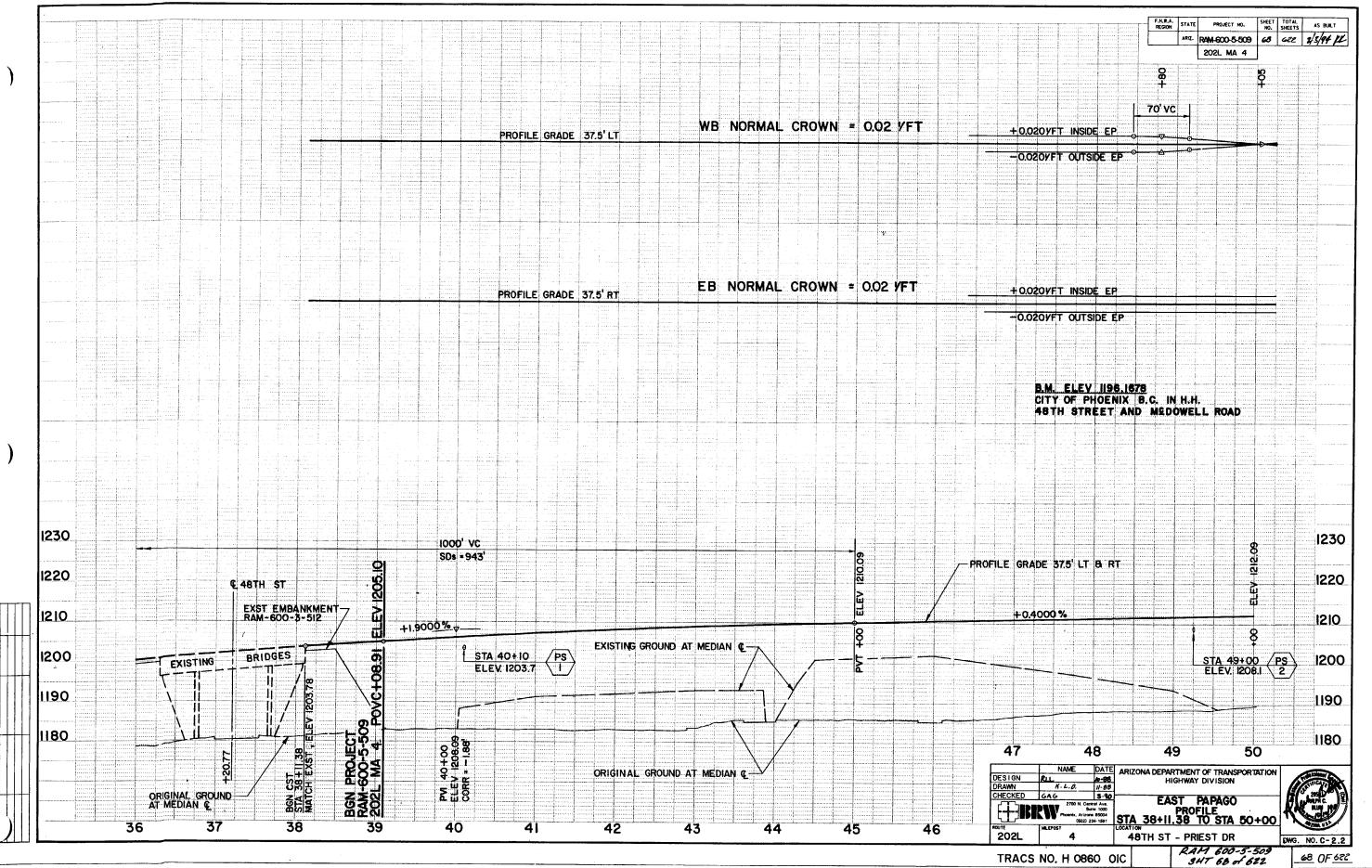
## Highway Attachment -Design Plans

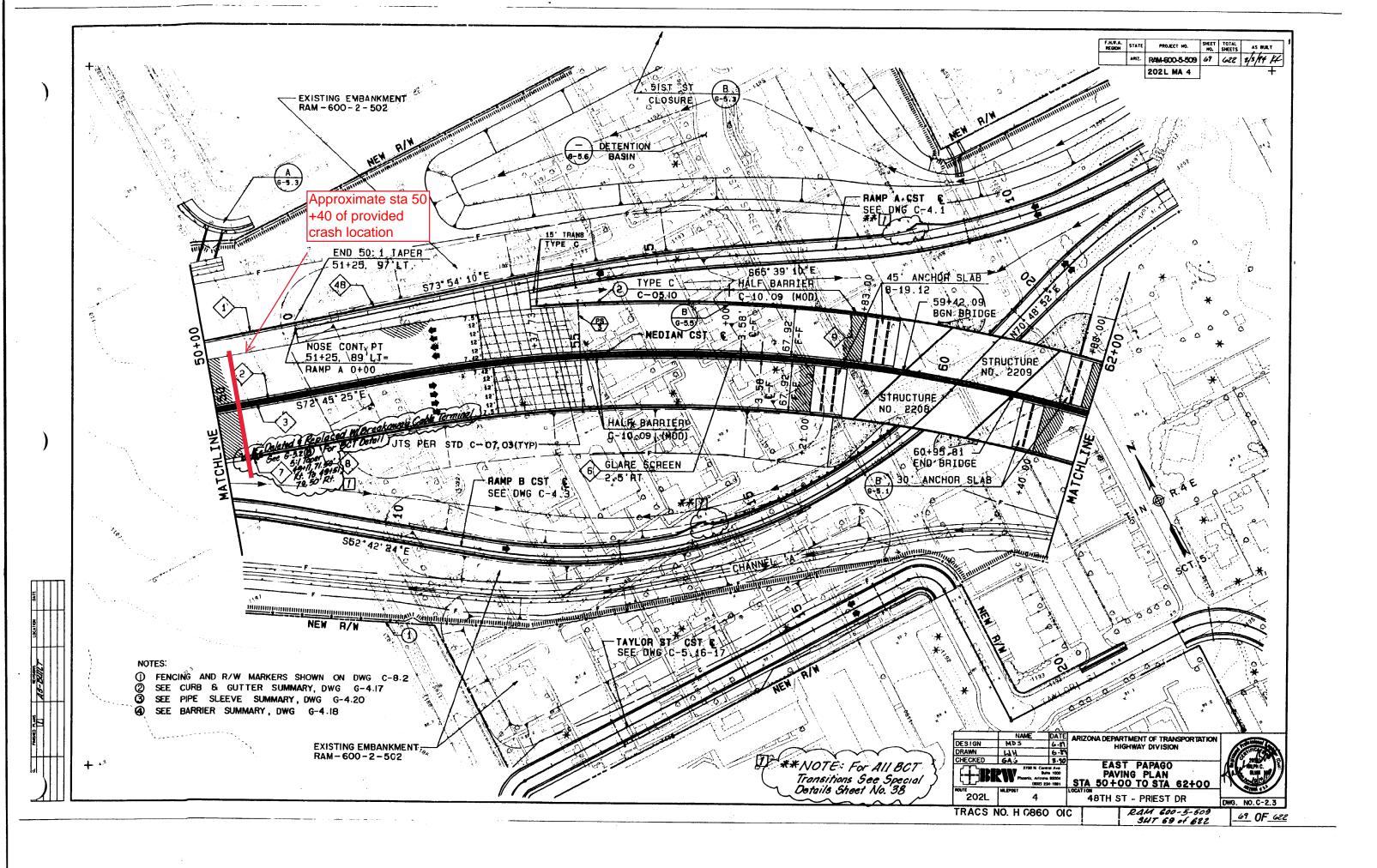
Phoenix, Arizona

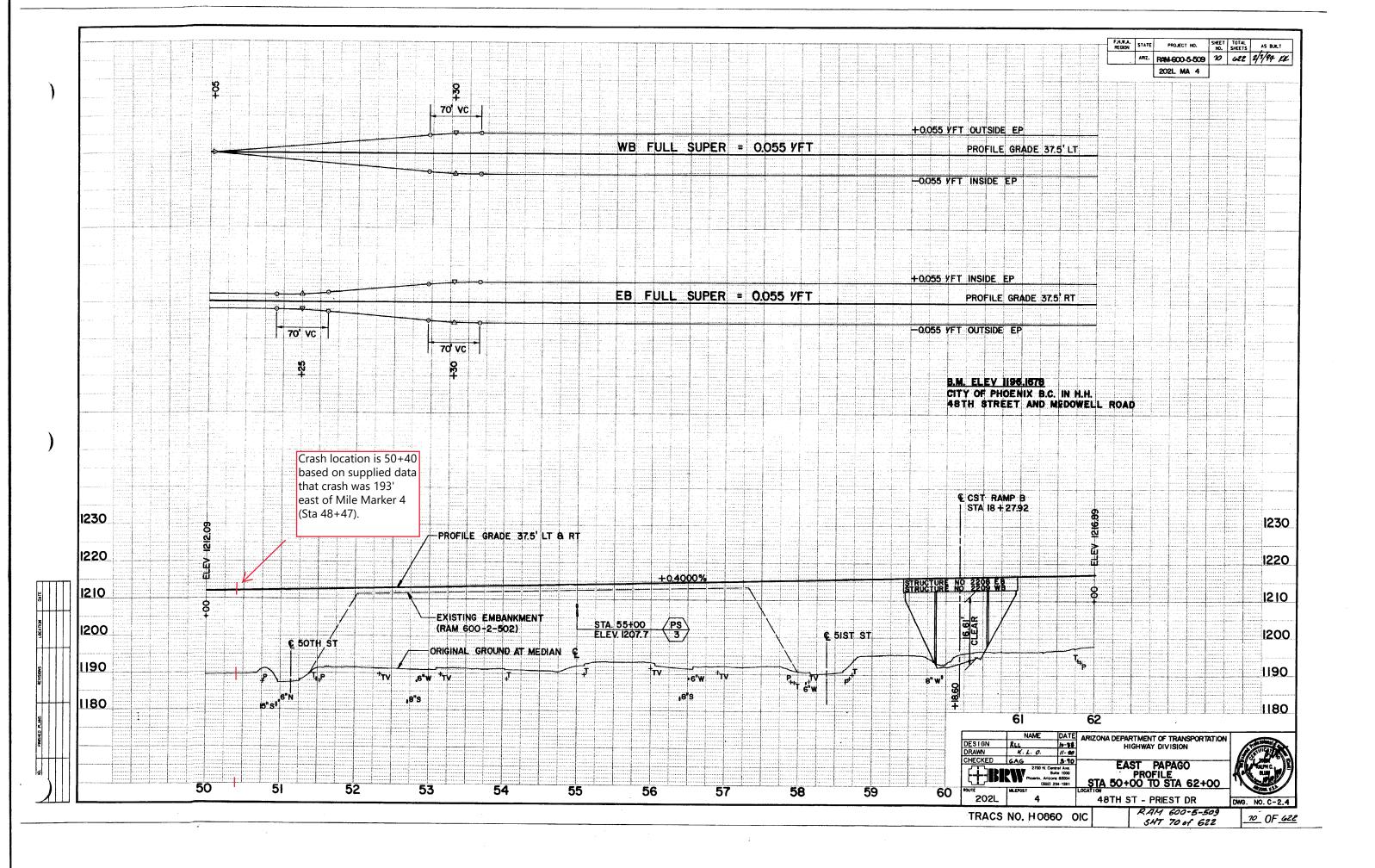
## HWY21MH008

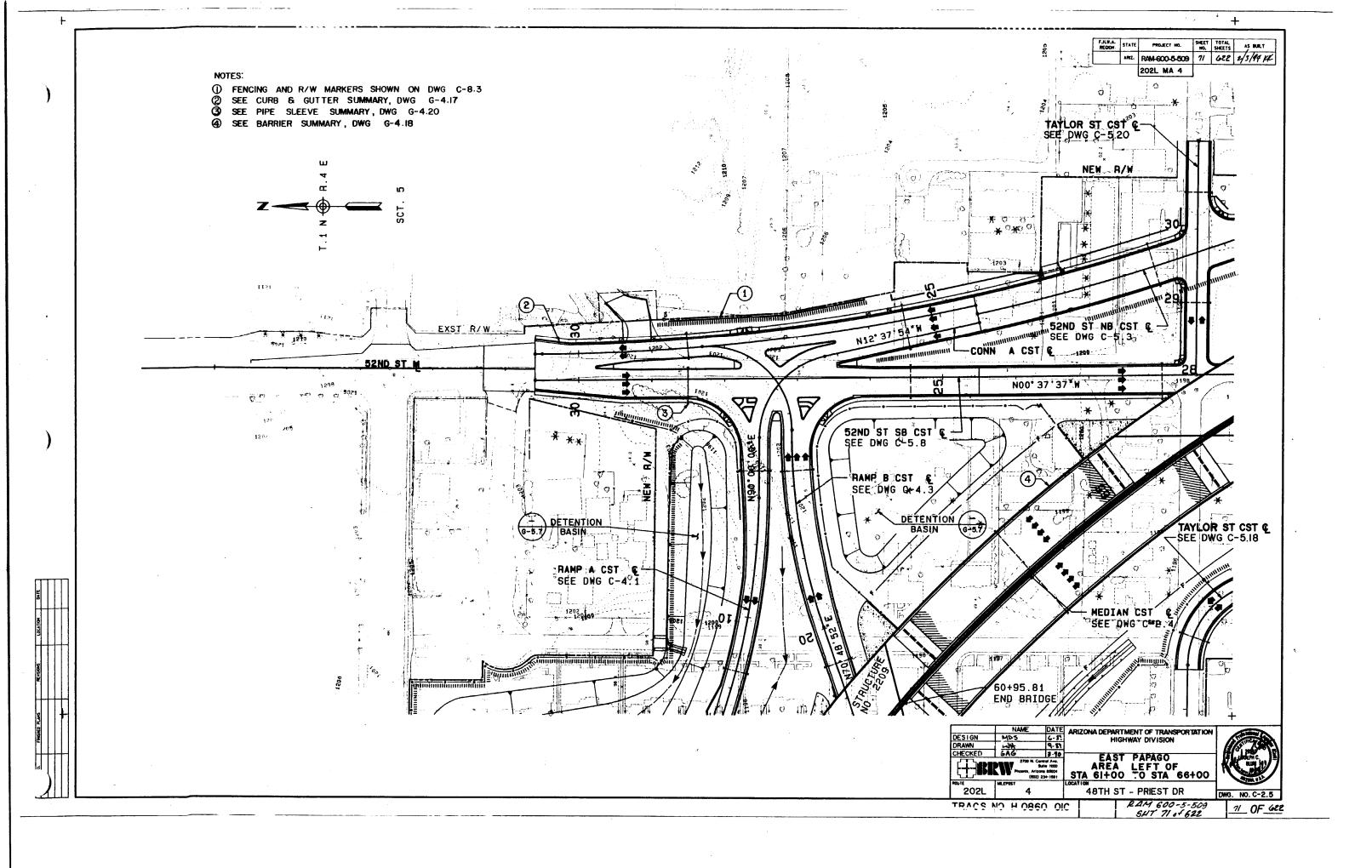
(15 pages)

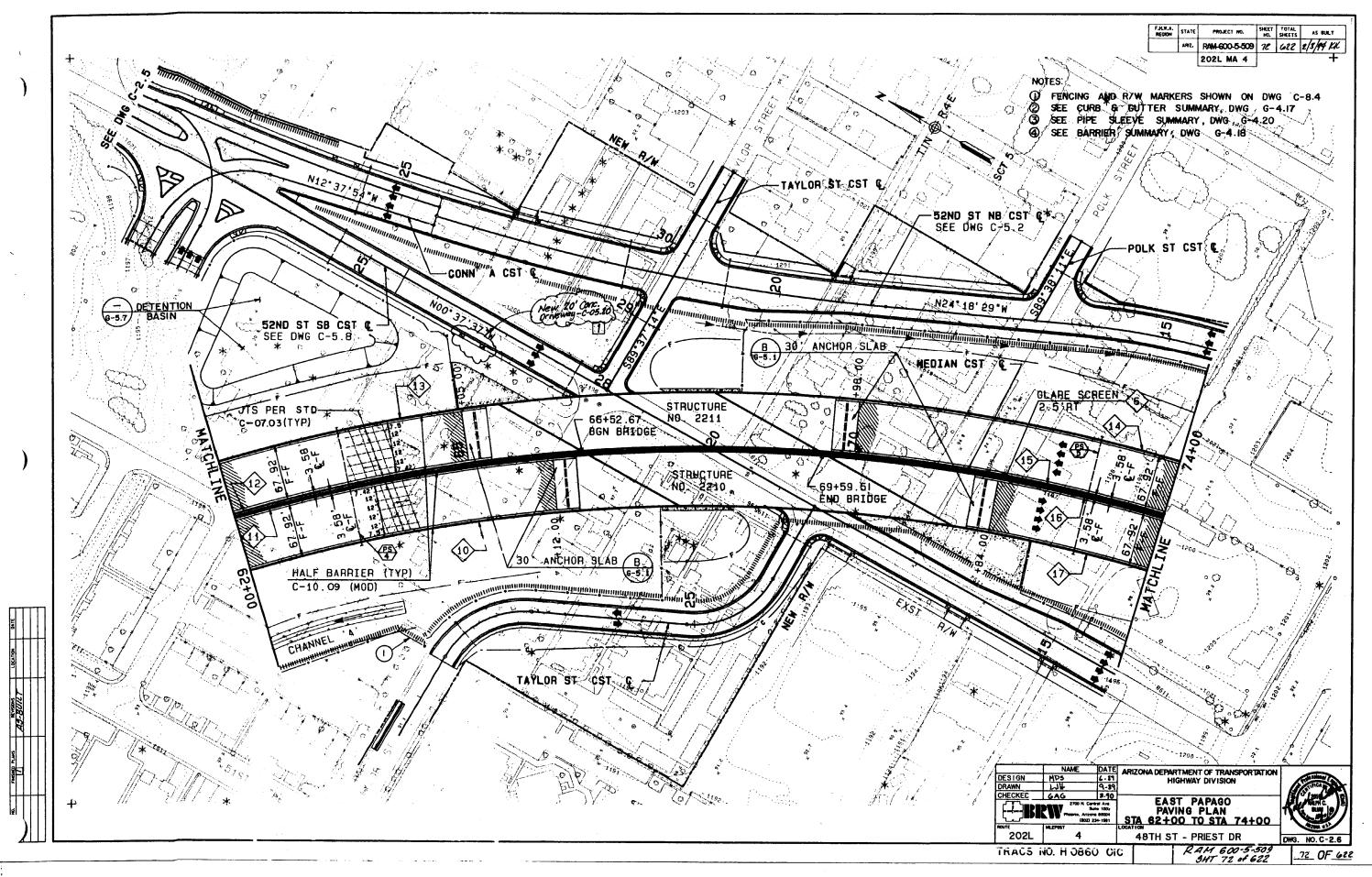






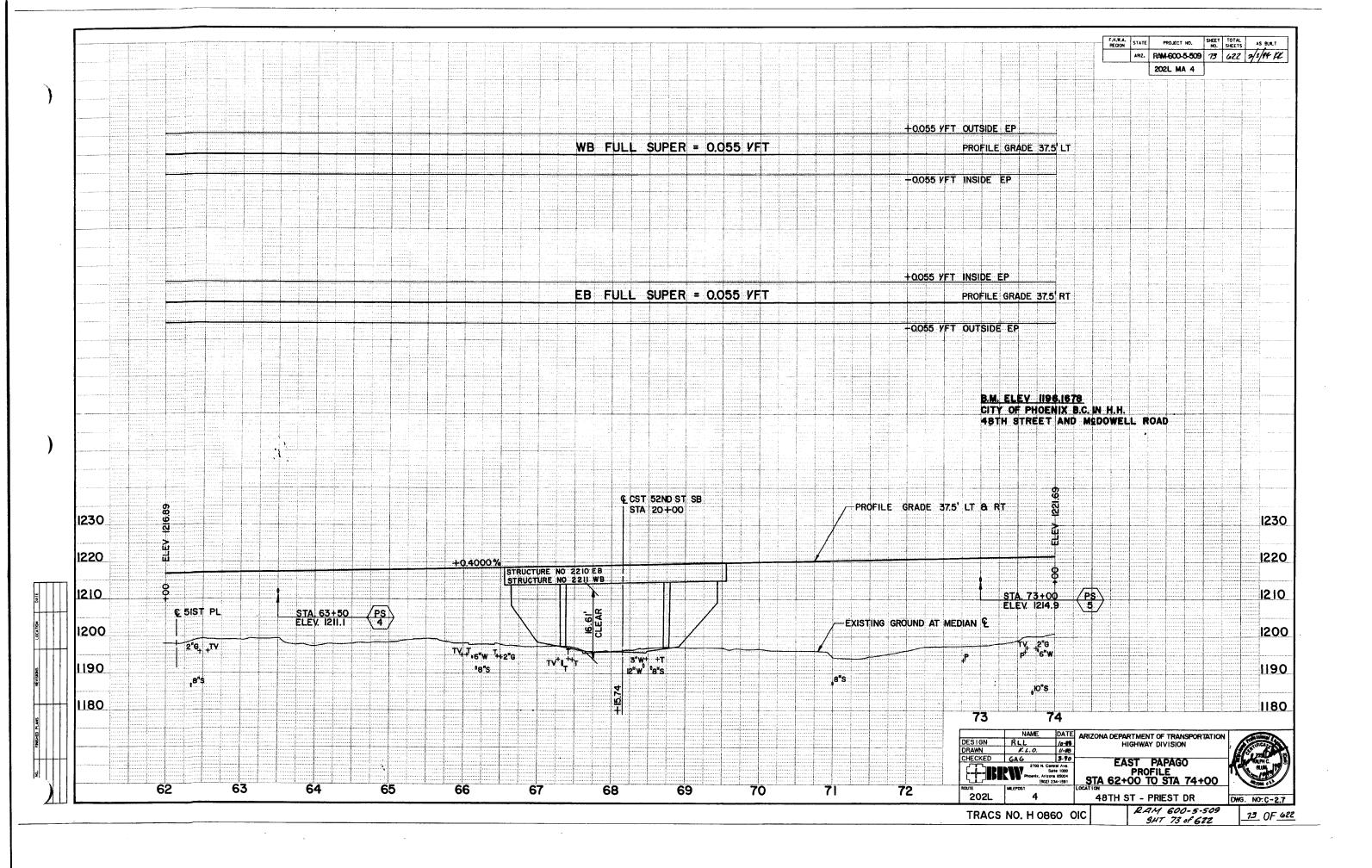


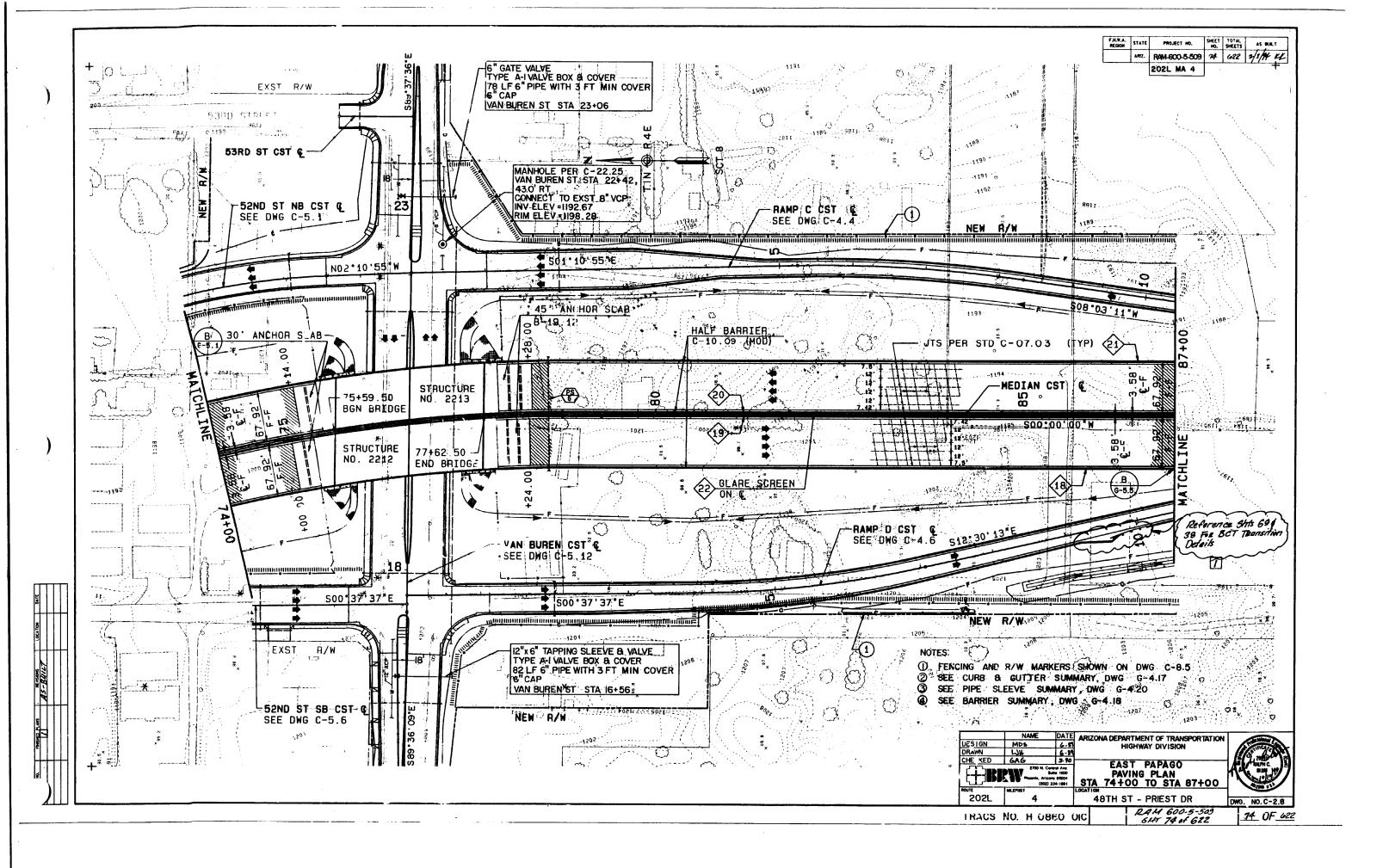


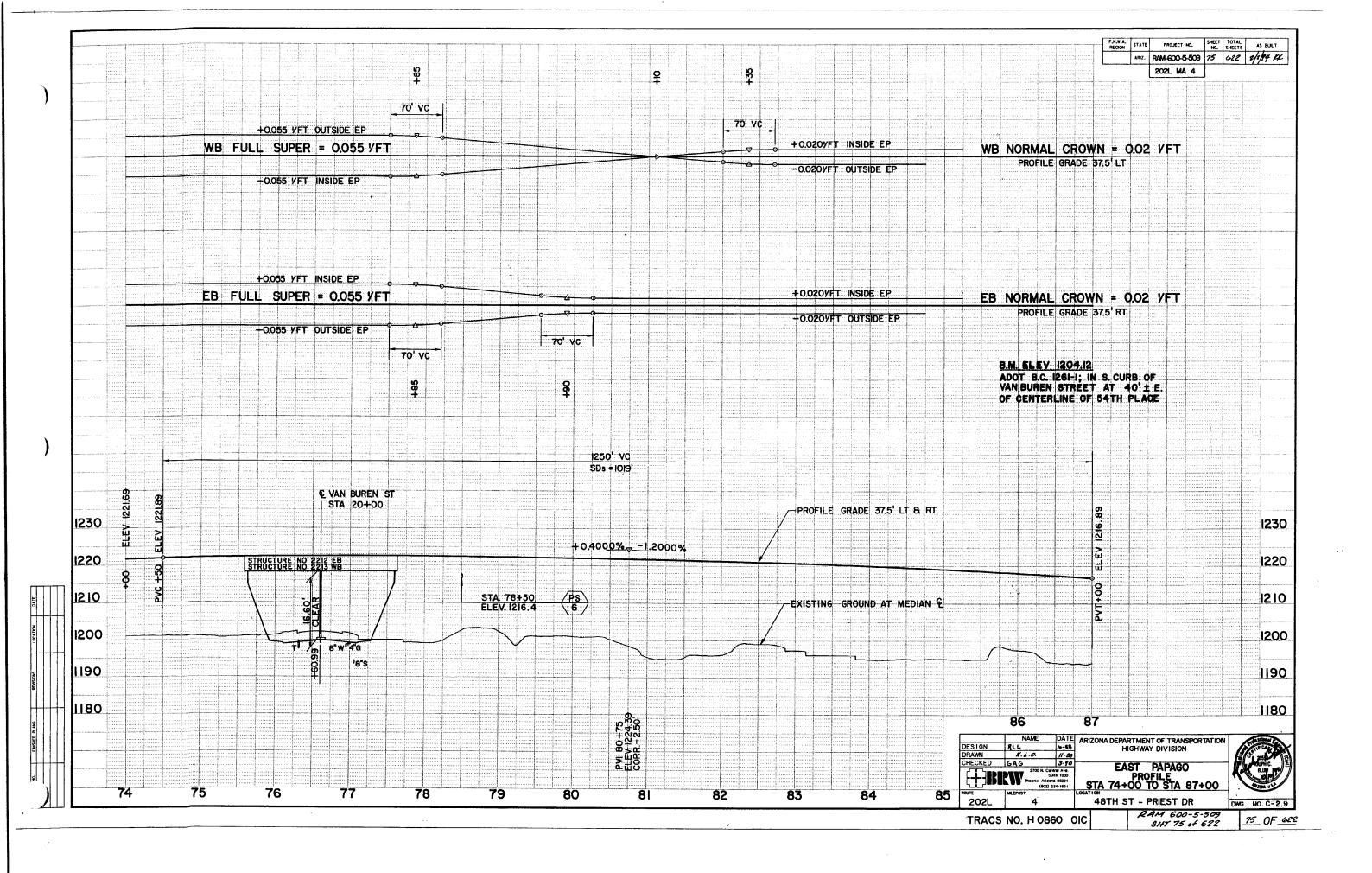


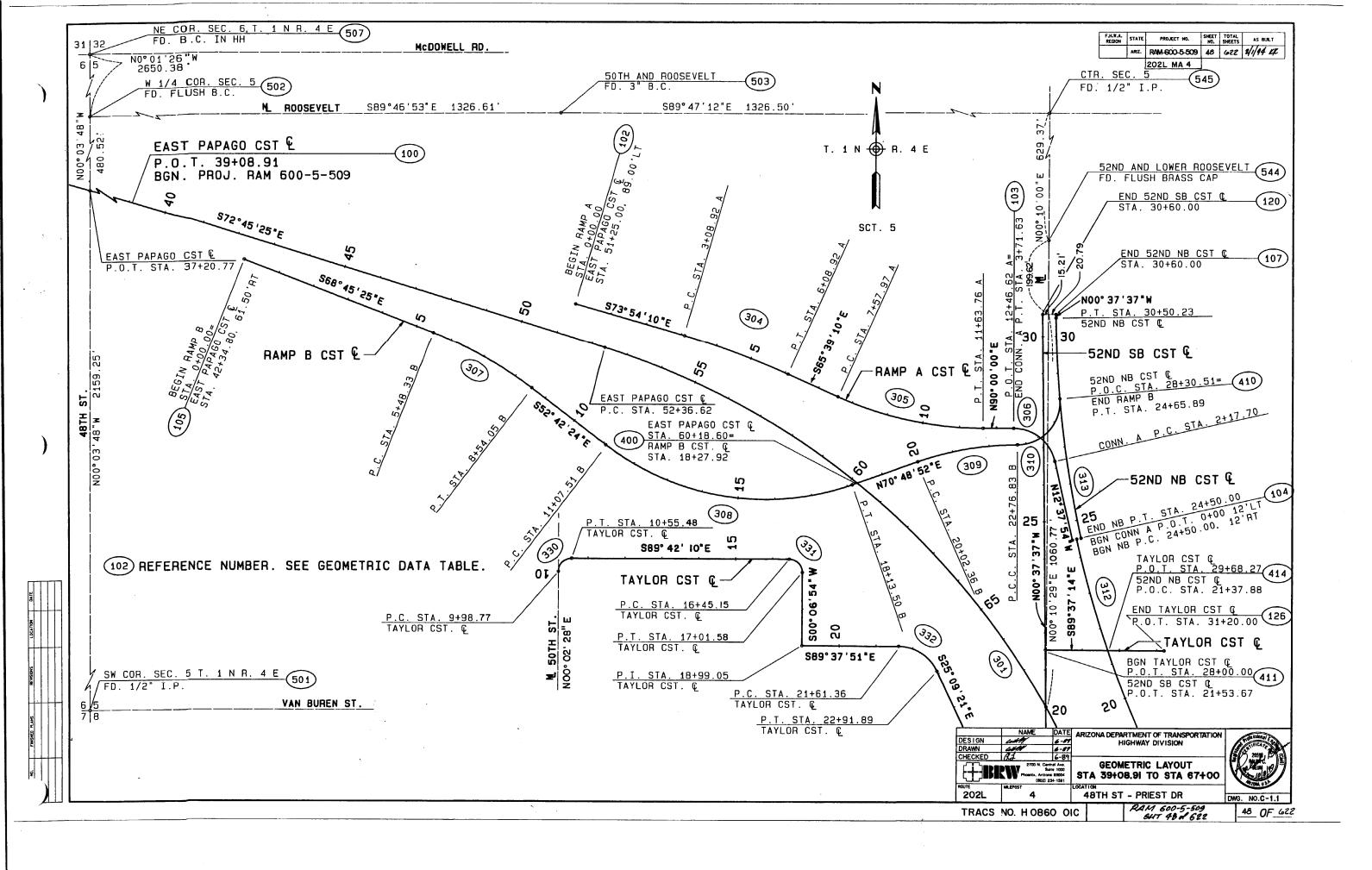
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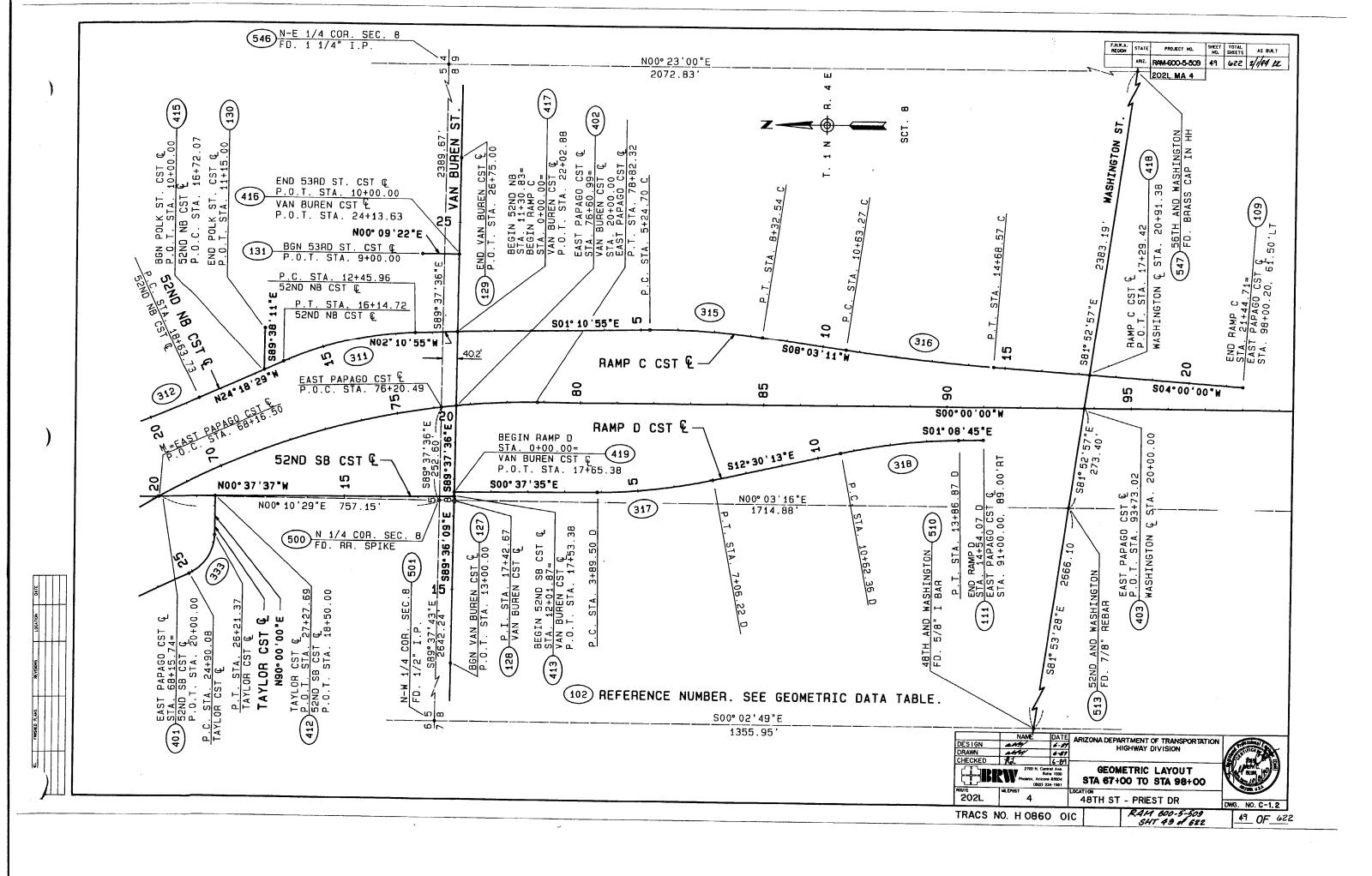
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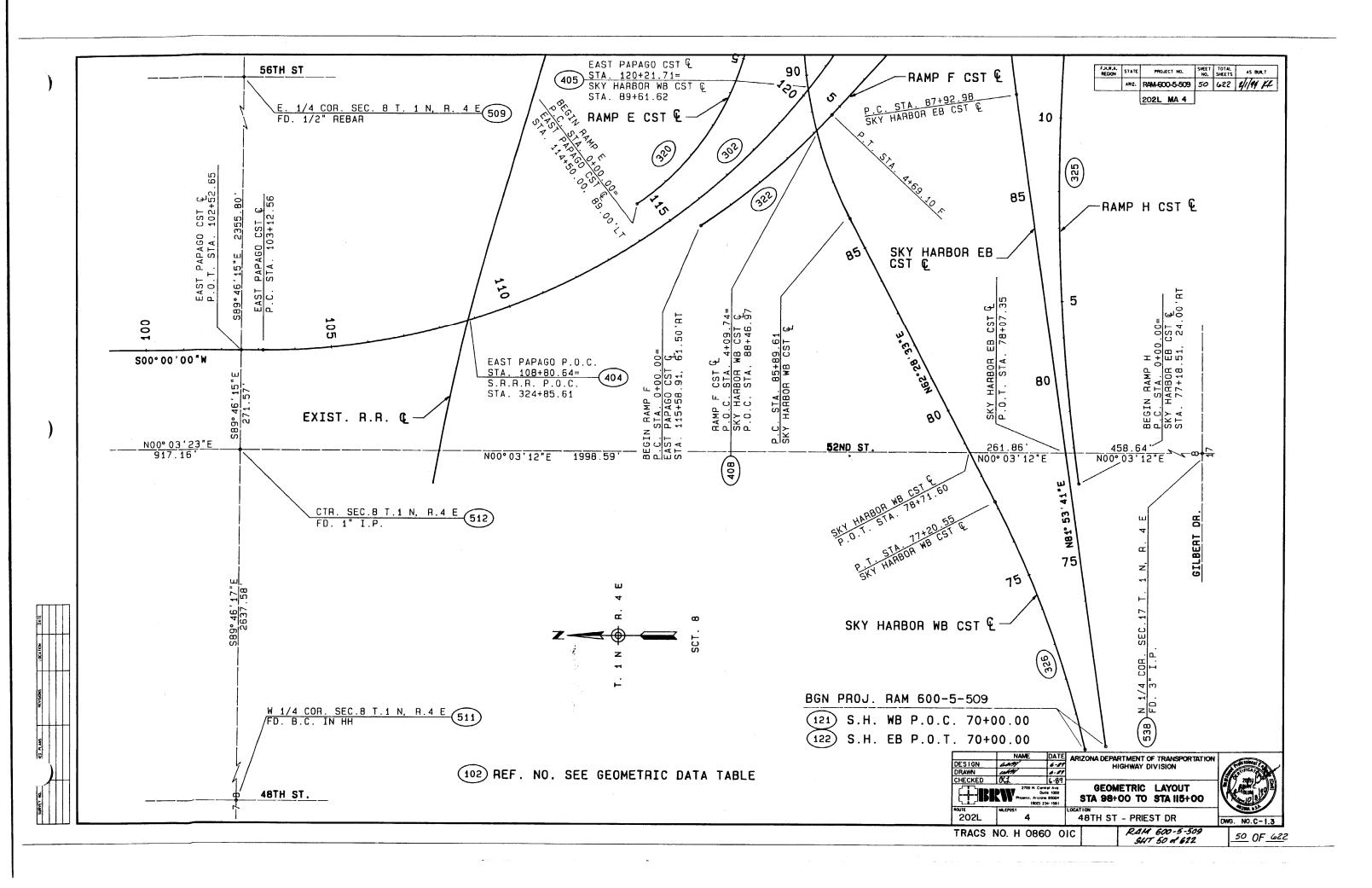


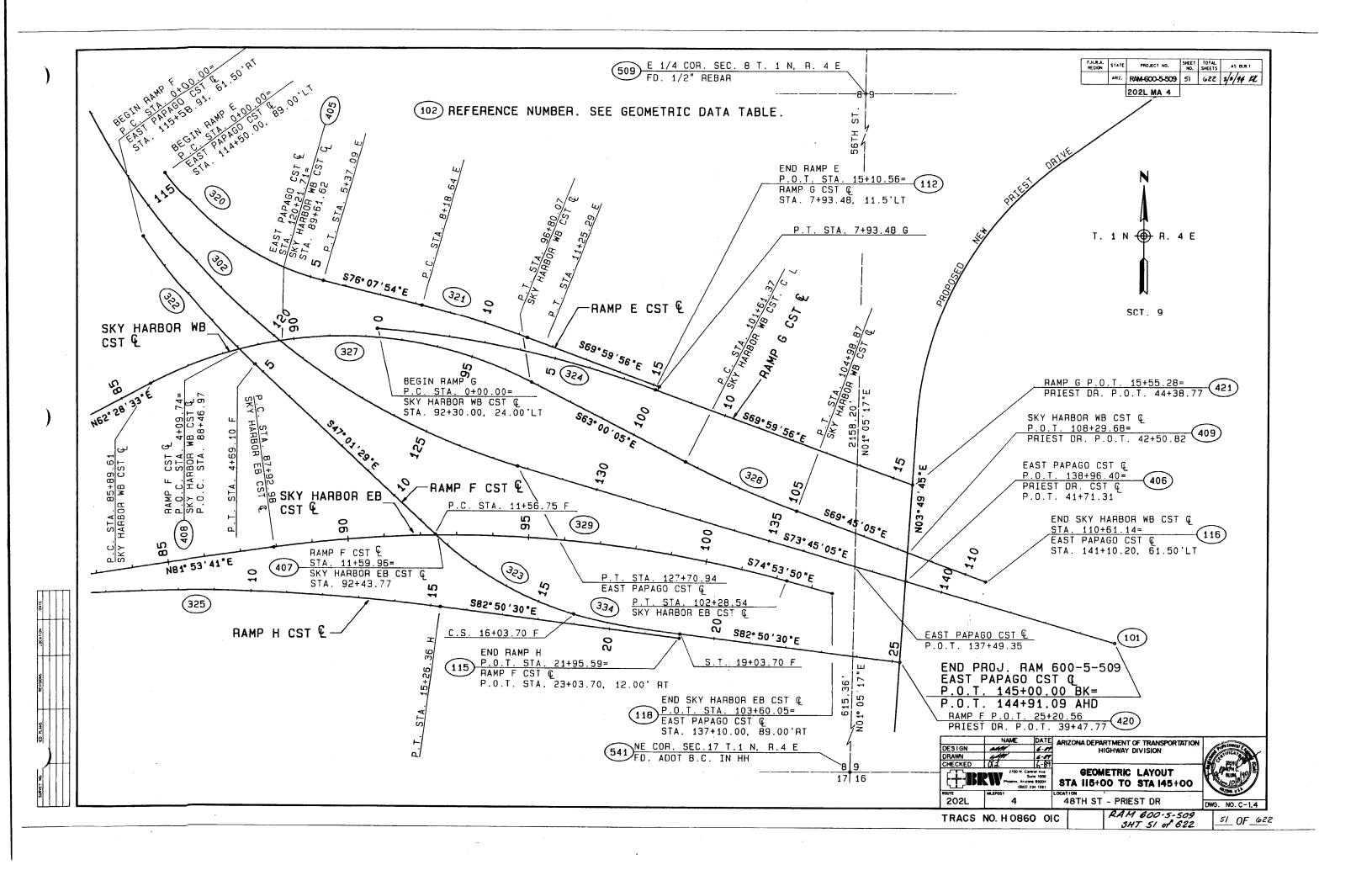












|  |  |               |  |                                |                     |                            |                            |                             | e en esta de la constancia en esta e |                            |  | F.<br>R                  |                       | PROJECT NO.<br>M-600-5-509<br>D2LMA 4 | SHEET TOTAL<br>NO. SHEETS<br>52 622 |                              |
|--|--|---------------|--|--------------------------------|---------------------|----------------------------|----------------------------|-----------------------------|---|----------------------------|--|--------------------------|-----------------------|---------------------------------------|-------------------------------------|------------------------------|
|  |  |               |  |                                |                     |                            |                            |                             |   |                            |  |                          |                       |                                       |                                     |                              |
| REFER  | RENCE DATA   | <u></u>       |  |                                |                     |                            |                            |                             | CURVE DA  |                            | ······································                   |                          |                       |                                       |                                     |                              |
| DESCRIPTION  | REF STATION NORTHING                               | G EASTING     | PI<br>STATION   NORTHIN                                  | C EACTING                      | CTATION             | PC                         |                            | 1                           | PT/PCC  |                            |  | D                        | R                     |                                       | т                                   | EXT.                         |
| E. PAPAGO MEDIAN CST. CENTERLIN<br>P.O.T. BGN RAM 600-5-509      | 100 39+08.91 893861.122                            | 9 481624.9406 |  |                                |                     |                            | EASTING                    |                             |   |                            |  |                          |                       |                                       |                                     |                              |
| CURVE  | 301  |               | 67+71.49 893012.582                                      | 20 484358.8590                 | 52+36.62            | 893467.5559                | 482892.9762                | 78+82.32                    | 891477.7164   | 484358.8590                | 72"45'25"  | 2*45'00*                 | 2083.48               | 2645.70 1                             | 534.87                              | 504.32                       |
| CURVE<br>P.O.T. END RAM 600-5-509                                | 302<br>101 145+00.00 886730.108                    | 1 487394.3245 | 117+45.26 887614.785                                     | 57 484358.8590                 | 103+12.56           | 889047.4827                | 484358.8590                | 127+70.94                   | 887213.9090   | 485734.3289                | 73*45'05*  | 3.00.00.                 | 1909.86               | 2458.38                               | 432.70                              | 477.65                       |
| RAMP A CST. CENTERLINE<br>P.O.T. BGN RAMP A                      | 102 00+00.00 893585.640                            | 9 482812.7559 |  |                                |                     |                            |                            |                             |   |                            |  |                          |                       |                                       |                                     |                              |
| CURVE<br>CURVE<br>P.O.T. END RAMP A                              | 304<br>305<br>103 12+46.62 893250.000              | 0 484003 1727 | 4+59.18 893458.323<br>9+63.97 893250.000                 | 4 483253.9361<br>0 483714.3077 | 3+08.92<br>7+57.97  | 893499.9858<br>893334.9282 | 483109.5677<br>483526.6257 | 6+08.92<br>11+63.76         | 893396.3764<br>893250.0000  | 483390.8322<br>483920.3111 | 8°15'00"<br>24°20'50"                                    | 2'45'00"<br>6'00'00"     | 2083.48<br>954.93     | 300.00<br>405.79                      | 150.26<br>206.00                    | 5.41<br>21.97                |
| CONN. A CST. CENTERLINE<br>P.O.T. BGN CONN A                     | 104 00+00.00 892948.502                            |               |  |                                |                     |                            |                            |                             |   |                            |  |                          |                       |                                       |                                     |                              |
| CURVE END CONN_A   | 306  | 0 484182.0198 | 3+08.98 893250.000                                       | 0 484094.4523                  | 2+17.70             | 893160.9297                | 484114.4134                | 3+71.63                     | 893250.0000   | 484003.1725                | 77*22'06*  | 50*15'34"                | 114.00                | 153.94                                | 91.28                               | 32.04                        |
| RAMP B CST. CENTERLINE<br>P.O.T. BGN RAMP B<br>CURVE             | 105 00+00.00 893705.785<br>307                     | 0 481917.9529 | 7+02.20 893451.360                                       | 4 482572 4394                  | 5+48.33             | 893507 1101                | 482429 0277                | 8+54 05                     | 893358 1334   | 482694 8474                | 16.03.01   | 5.15.00*                 | 1001 35               | 305 72                                | 452 07                              | 40-70                        |
| CURVE<br>CURVE<br>CURVE END RAMP B                               | 308<br>309<br>310                                  |               | 21+40.89 893205.500                                      | 0 483875.0000                  | 20+02.36            | 893204.5614                | 482896.4885                | <u>18+13.50</u><br>22+76 83 | 893097.9095   | 483565.7922                | 56*28'44   | 8.00.00                  | 716.20                | 705.99                                | 384.66                              | 96.76                        |
| 52ND ST NB CST. CENTERLINE                                       |  |               | 24+01.29 893205.500                                      | 464137.9884                    | 22+76.83            | 893205.5000                | 484013.5325                | 24+65.89                    | 893329.4782   | 484127.0950                | 95°01'17°  | 50*15'34*                | 114.00                | 189.06                                | 124.46                              | 54.78                        |
| P.O.T. BGN 52ND_ST_NB<br>CURVE<br>CURVE                          | 417 11+30.83 891697.308<br>311<br>312              | 8 484549.9936 | 14+32.67 891998.927<br>21+57.88 892664.095               | 2 484538.5012                  | 12+45.96            | 891812.3536                | 484545.6101                | 16+14.72                    | 892169.0835   | 484461.6441                | 22*07'33   | 5°00'00*                 | 954.93                | 368.77                                | 186.71                              | 18.08                        |
| CURVE<br>P.O.T. END 52ND ST NB                                   | 313<br>107 30+60.00 893558.646                     | 9 484116.1647 | 27+51.22 893033.333                                      | 3 484121.9136                  | 24+50.00            | 892953.7509                | 484185.4387                | 30+50.23                    | 893548.8783   | 484173.7291<br>484116.2716 | 11 40 35<br>12°00'17"                                    | 2.00.00                  | 2876.79               | 586.27<br>600.23                      | 294.15<br>301.22                    | <u>15.00</u><br><u>15.79</u> |
| 52ND ST. SB CST. CENTERLINE<br>P.O.T. BGN 52ND ST SB             | 413 12+01.87 891700.238                            | 6 484100.5001 |  |                                |                     |                            |                            |                             |   |                            |  |                          |                       |                                       |                                     |                              |
| P.O.T. END 52ND ST SB<br>TAYLOR ST. CST. CENTERLINE              | 120 30+60.00 893558.253                            | 0 484080.1669 |  |                                |                     |                            |                            |                             |   |                            |  |                          |                       |                                       |                                     |                              |
| CURVE TAYLOR ST<br>CURVE   | 330<br>331<br>123 18+99.05 892662.793              | 492424 2020   | 10+34.93 892899.585<br>16+81.04 892896.151               | 9 482770.0552<br>6 483431.7616 | 9+98.77<br>16+45.15 | 892863.4245<br>892896.3378 | 482770.0293<br>483395.8765 | 10+55.48<br>17+01.58        | 892899.3982<br>892860.2660  | 482806.2162<br>483431.6896 | 90°15'23<br>89°49'04                                     | 159°09'18'<br>159°09'18' | <u>36.00</u><br>36.00 | 56.71<br>56.43                        | 36.16                               |                              |
| P.I.<br>CURVE<br>CURVE   | 332  |               | 22+34.51 892660.631<br>25+63.77 892348.325               | 3 483766.7417<br>8 483913.4078 | 21+61.36            | 892661, 1027               | 483693 5882                | 22+91 89                    | 892594 4147   | 483797 8386                | 64.28,301  | 40.33,34,                | 115 00                | 120 52                                | 73.16                               | 21.14                        |
| P.O.T.<br>TAYLOR ST. CST. CENTERLINE                             | 412 27+27.69 892348.325                            | 8 484093.4078 |  |                                |                     |                            |                            |                             |   |                            |  | 43 23 34                 |                       | 131.20                                | /3.00                               | <u> </u>                     |
| P.0.T.<br>P.0.T.   | 411 28+00.00 892651.972<br>126 31+20.00 892649.852 |               |  |                                |                     |                            |                            |                             |   | ·                          |  |                          |                       |                                       |                                     |                              |
| POLK ST. CENTERLINE<br>P.O.T. BGN POLK ST                        | 415 10+00.00 892221.3523                           | 484438.0350   |  |                                |                     |                            | 1                          |                             |   |                            |  |                          |                       |                                       |                                     |                              |
| P.O.T. END POLK ST   | 130 11+15.00 892220.622                            | 484553.0327   |  |                                |                     |                            |                            |                             |   |                            |  |                          |                       |                                       |                                     |                              |
| RAMP_F_SPIRAL_334<br>C.S. 16+03.70 886805.6760 485               |  | coordinate    | nofononce  | analissti-                     |                     | nna!! *                    |                            |                             |   |                            |  |                          |                       |                                       |                                     |                              |
| S.T. 19+03.70 886752.8237 486                                    | 187.8636 EA  | ST PAPAGO -   | reference system<br>HOHOKAM T.I. CON<br>project datum gr | TROL SYSTEM                    | . All c             | oordinate                  | s shown                    |                             |   |                            |  |                          |                       |                                       |                                     |                              |
| Ls 300.00 \$ 3*00'00<br>a 2.00 \$ 6*00'00<br>D 6*00*00* C 299.63 | o* fac   | tor of 1.000  | )16 (Per A.D.O.T.)                                       | ).                             | marc3 W1            | CH & CUNV                  | CI. 3 TOU                  |                             |   | DESIGN                     | NM I   | -07                      | PARTMENT O            |                                       | ATION                               |                              |
| Rc 954.93 V 100.20<br>"0" 3.93 U 200.24                          | 5  |               |  |                                |                     |                            |                            |                             |   |                            |  | -91                      |                       | · · · ·                               |                                     |                              |
| t 149.88 X 299.20<br>△s 9°00'00" Y 15.60                         |  |               |  |                                |                     |                            |                            |                             |   |                            | Suite 1<br>Phoenix, Arizona 85<br>(602) 234-1<br>MLEPOST | Se GE                    | OMETRIC               | DATA                                  | V                                   |                              |
|  |  |               |  |                                |                     |                            |                            |                             |   | 202L                       | 4  |                          | ST - PRIES            | ST DR                                 |                                     | NO C-15                      |

SHED PLANS

202L 4 TRACS NO. H O

| E DATE<br>6-01<br>6-01  | ARIZONA DEPARTMENT OF TRANSPORTATION<br>HIGHWAY DIVISION |                |
|---|--|----------------|
| 00 N. Central Ave<br>Suite 1000<br>IIX, Arizona 85004<br>(602) 234-1591 | GEOMETRIC DATA   |                |
| 4   | 48TH ST - PRIEST DR                                      | DWG. NO. C-1.5 |
| 0860 0  | IC RAM 600-5-509<br>SHT 52 of 622                        | 52 OF 622      |