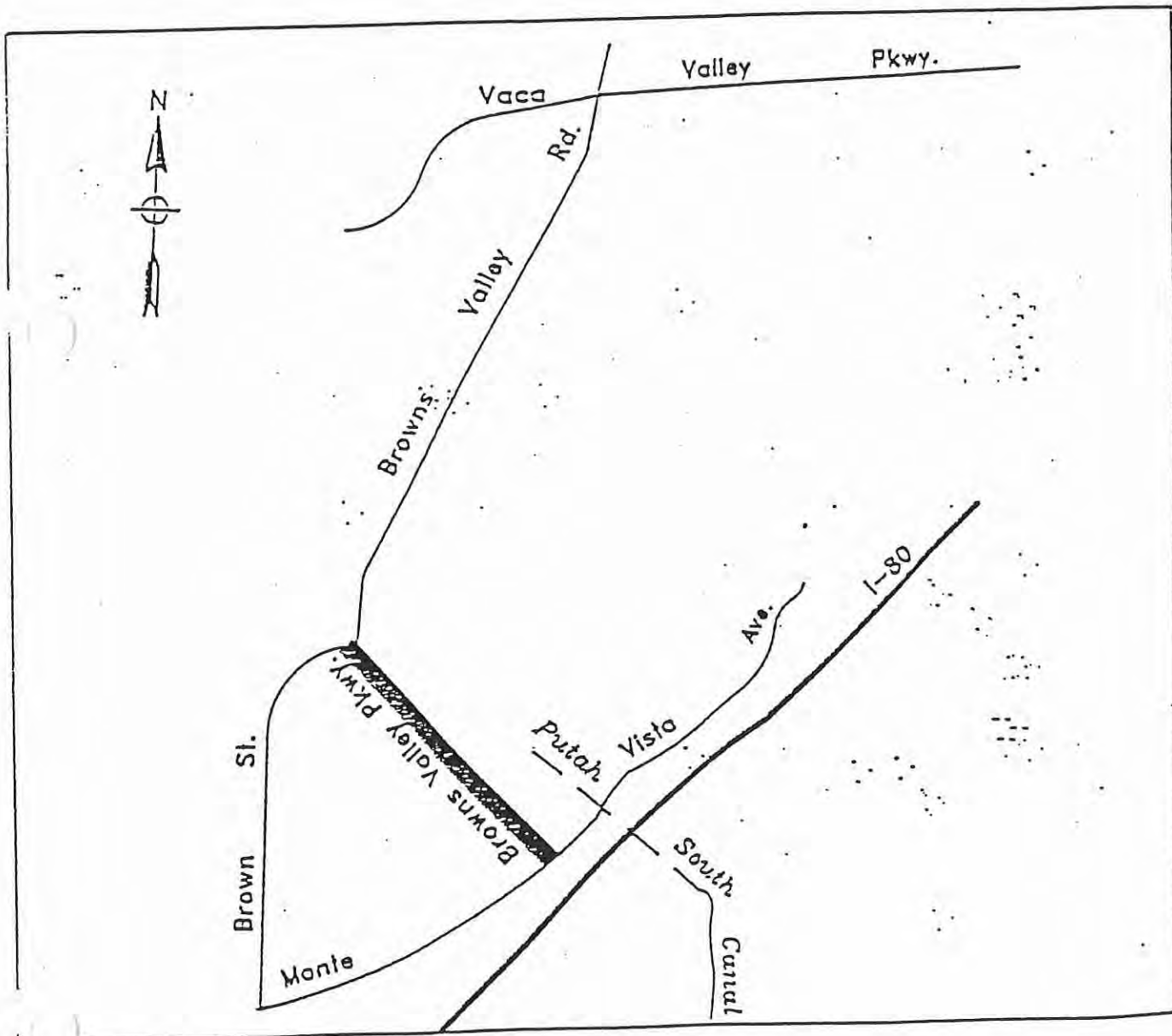


# TRAFFIC IMPACT FEE

PROJECT #16-BROWNS VALLEY RD.-BROWN ST.  
TO E. MONTE VISTA AVE.

SCOPE: WIDENING BROWNS VALLEY RD.

JULY 1992



BUDGET (1992 DOLLARS) \$2,724,200.00  
YEAR OF PROPOSED CONSTRUCTION: 2004

PROJECT 16

OWNS VALLEY WIDENING  
 MONTE VISTA TO BROWN STREET  
 REVISED JUNE 1992

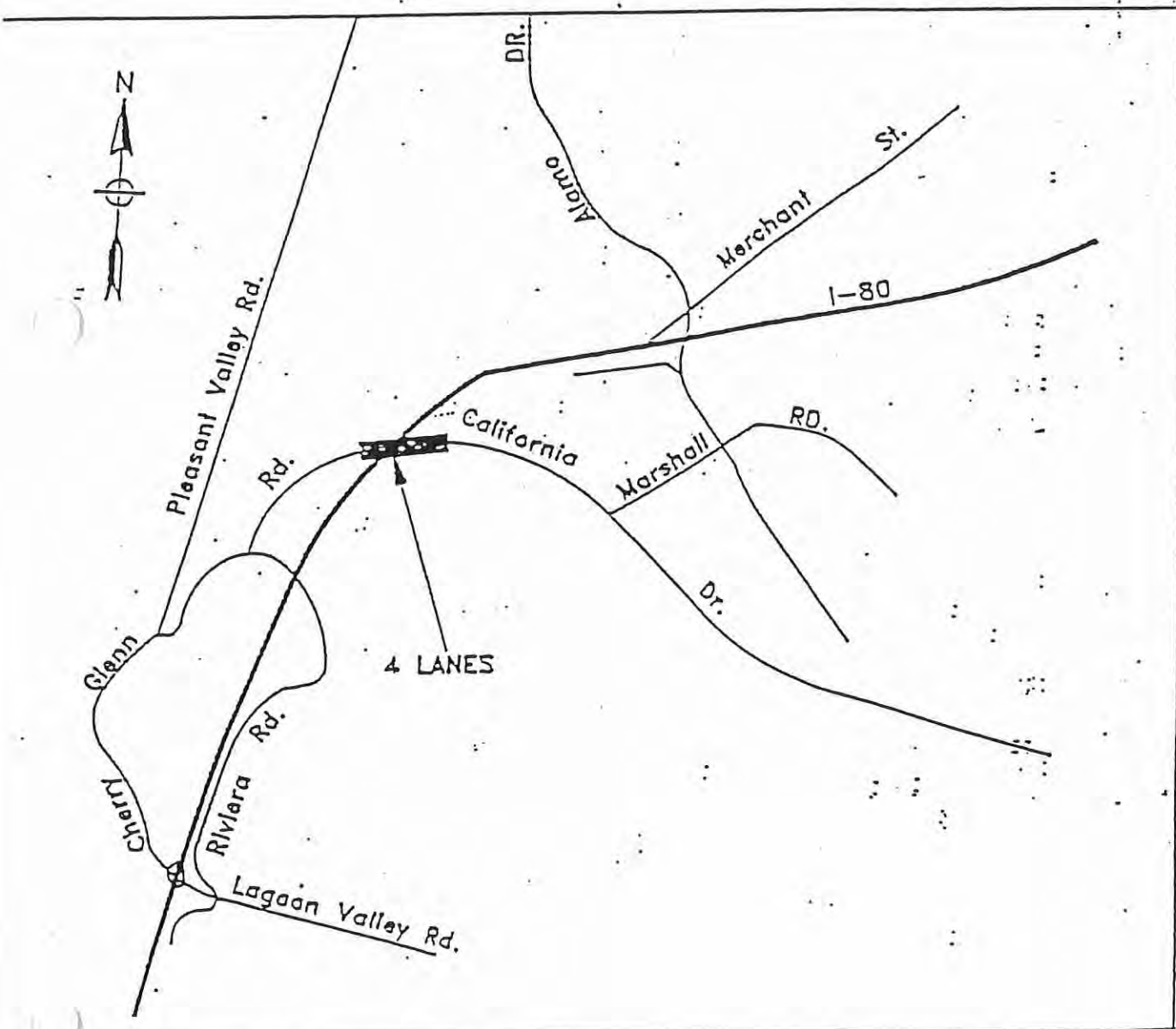
| EM                     | DESCRIPTION                         | QTY./UNIT | PRICE    | TOTAL          |
|------------------------|-------------------------------------|-----------|----------|----------------|
| 1                      | CONSTRUCTION SIGNS                  | 1 LS      | 10000.00 | 10000.00       |
| 2                      | CLEAR AND GRUBB                     | 1 LS      | 25000.00 | 25000.00       |
| 3                      | ROADWAY EXCAVATION                  | 32380 CY  | 10.00    | 323800.00      |
| 4                      | CL 2 AB                             | 18070 CY  | 30.00    | 542100.00      |
| 5                      | TYPE B AC                           | 9520 TN   | 40.00    | 380800.00      |
| 6                      | SIDEWALK                            | 15075 SF  | 2.50     | 37687.50       |
| 7                      | CONCRETE CURB AND GUTTER            | 3350 LF   | 10.50    | 35175.00       |
| 8                      | PLANTER CURB                        | 6700 LF   | 8.00     | 53600.00       |
| 9                      | STREET LIGHT CONDUIT                | 6700 LF   | 3.50     | 23450.00       |
| 10                     | SIGNING AND STRIPING                | 6700 LF   | 4.00     | 26800.00       |
| 11                     | DRAINAGE INLETS                     | 16 EA     | 2500.00  | 40000.00       |
| 12                     | LANDSCAPING                         | 50250 LS  | 2.50     | 125625.00      |
| 13                     | TRAFFIC CONTROL                     | 1 EA      | 7500.00  | 7500.00        |
| 14                     | MANHOLES                            | 20 EA     | 6000.00  | 120000.00      |
| 15                     | STREET LIGHTS                       | 30 EA     | 1500.00  | 45000.00       |
| 16                     | FIRE HYDRANTS                       | 13 EA     | 1000.00  | 13000.00       |
| 17                     | 12" STORM DRAIN                     | 3350 LF   | 30.00    | 100500.00      |
|                        | ADDITION ERROR ON ORIGINAL ESTIMATE |           |          | -110500.00     |
| SUB-TOTAL              |                                     |           |          | 1799537.50     |
| CONSTRUCTION           |                                     |           |          | 1799538.00     |
| DESIGN CONTINGENCY 10% |                                     |           |          | 179953.80      |
| DESIGN ENGINEERING 10% |                                     |           |          | 179953.80      |
| CONST. ENGINEERING 10% |                                     |           |          | 179953.80      |
| CONST. CONTINGENCY 10% |                                     |           |          | 179953.80      |
| UTILITY RELOCATION     |                                     |           |          | 100000.00      |
| ORIGINAL TOTAL         |                                     |           |          | \$2,619,353.20 |
| 4% ENGINEERING ADMIN.  |                                     |           |          | 104,774.13     |
| 1992 PROJECT COST      |                                     |           |          | \$2,724,127.33 |

# TRAFFIC IMPACT FEE

PROJECT #17-CALIFORNIA DR. OVERCROSSING

SCOPE: CALIFORNIA DR. OVERCROSSING CONSTRUCTION

JULY 1992



BUDGET (1992 DOLLARS): \$6,305,500.00

YEAR OF PROPOSED CONSTRUCTION: 2005

PROJECT 17

CALIFORNIA DR OVERCROSSING  
 4 LANE OVERCROSSING WITH NO RAMPS  
 REVISED JUNE 1992

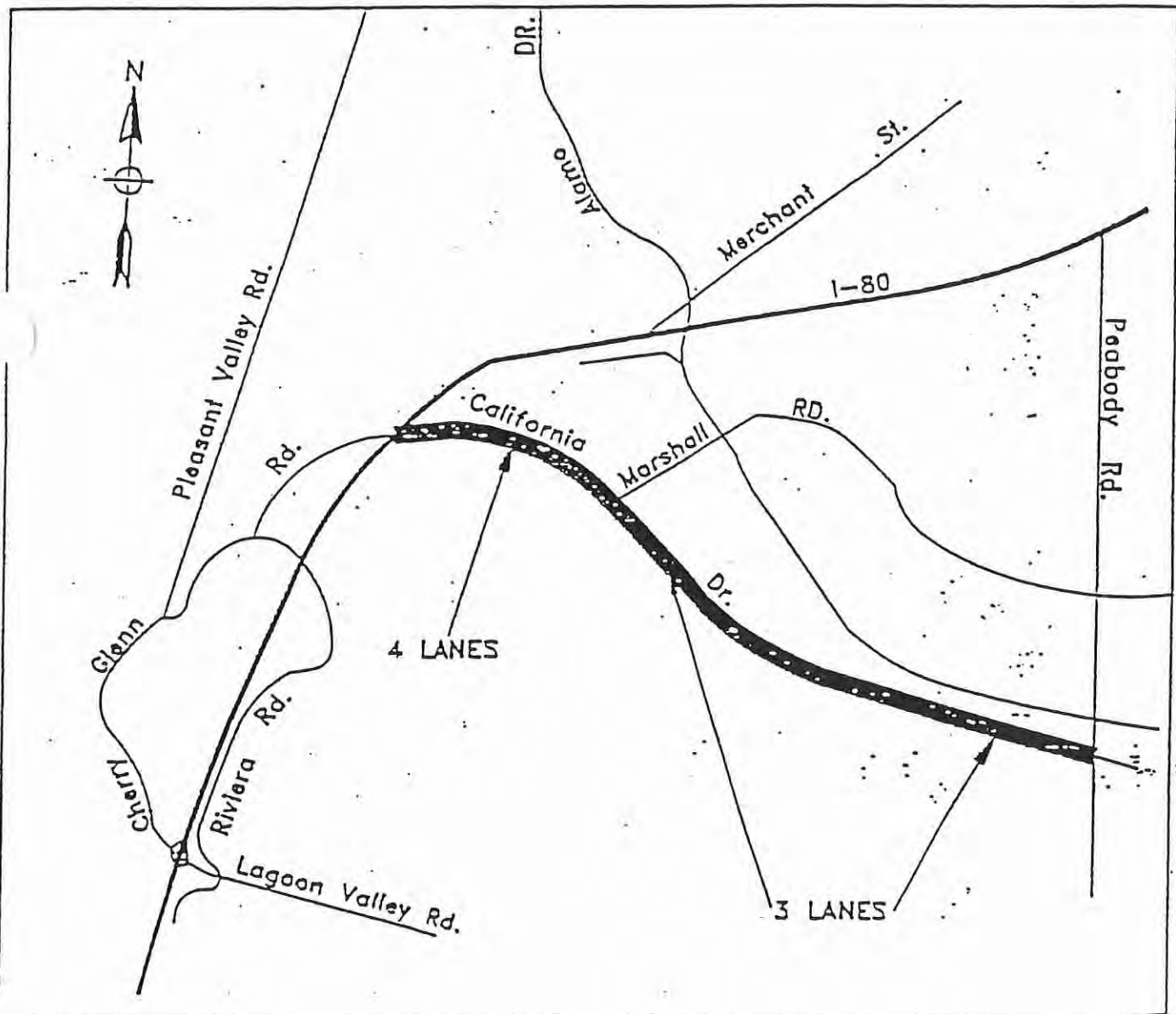
| ITEM                            | DESCRIPTION                 | QTY./UNIT | PRICE     | TOTAL          |
|---------------------------------|-----------------------------|-----------|-----------|----------------|
| 1                               | CONSTRUCTION AREA SIGNS     | 1 LS      | 62000.00  | 62000.00       |
| 2                               | CONSTRUCTION STAKING        | 1 LS      | 33000.00  | 33000.00       |
| 3                               | TRAFFIC CTRL SYSTEM         | 1 LS      | 75000.00  | 75000.00       |
| 4                               | TYPE III BARRICADE          | 50 EA     | 120.00    | 6000.00        |
| 5                               | LIGHTED CONST. SIGNS        | 1 LS      | 20000.00  | 20000.00       |
| 6                               | TEMPORARY K-RAIL            | 960 LF    | 15.00     | 14400.00       |
| 7                               | REMOVE MEDIAN BARRIERS      | 2400 LF   | 30.00     | 72000.00       |
| 8                               | BRIDGE REMOVAL              | 0 LS      | 0.00      | 0.00           |
| 9                               | CLEAR AND GRUBB             | 1 LS      | 36000.00  | 36000.00       |
| 10                              | ROADWAY EXCAVATION          | 7563 CY   | 4.50      | 34033.50       |
| 11                              | STRUCTURE EXCAVATION        | 905 CY    | 30.00     | 27150.00       |
| 12                              | STRUCTURE BACKFILL          | 665 CY    | 40.00     | 26600.00       |
| 13                              | IMPORTED BORROW             | 64774 CY  | 5.50      | 356257.00      |
| 14                              | LANDSCAPING                 | 3000 LF   | 15.00     | 45000.00       |
| 15                              | PLANT ESTABLISHMENT WORK    | 50 EA     | 120.00    | 6000.00        |
| 16                              | CLASS II AGG. BASE          | 3300 CY   | 25.00     | 82500.00       |
| 17                              | ASPHALT TREATED BASE        | 1100 CY   | 50.00     | 55000.00       |
| 18                              | TYPE B AC                   | 2740 TON  | 33.00     | 90420.00       |
| 19                              | FURNISH CONC. PILE(70TON)   | 4600 LF   | 12.00     | 55200.00       |
| 20                              | DRIVE CONC. PILE (70TON)    | 102 EA    | 1100.00   | 112200.00      |
| 21                              | PRESTRESSING CONCRETE       | 73675 LB  | 1.00      | 73675.00       |
| 22                              | STRUCTURAL CONC.(FOOTING)   | 170 CY    | 300.00    | 51000.00       |
| 23                              | STRUCTURAL CONC.(BRIDGE)    | 1670 CY   | 325.00    | 542750.00      |
| 24                              | STRUCT.CONC.(APPROACH SLAB) | 240 CY    | 310.00    | 74400.00       |
| 25                              | WATERSTOP                   | 180 LF    | 15.00     | 2700.00        |
| 26                              | JOINT SEAL (MR2)            | 180 LF    | 70.00     | 12600.00       |
| 27                              | REINFORCING STEEL(BRIDGE)   | 235750 LB | 0.55      | 129652.40      |
| 28                              | BRIDGE MOUNTED SIGN         | 0 EA      | 8000.00   | 0.00           |
| 29                              | 3" PLASTIC EDGE DRAIN       | 3700 LF   | 5.00      | 18500.00       |
| 30                              | 24" PIPE CULVERT            | 150 LF    | 65.00     | 9750.00        |
| 31                              | 24" FLARED END SECTION      | 4 EA      | 425.00    | 1700.00        |
| 32                              | 8" CONDUIT                  | 0 LF      | 20.00     | 0.00           |
| 33                              | DRAINAGE INLETS             | 0 EA      | 450.00    | 0.00           |
| 34                              | MANHOLES                    | 0 EA      | 3500.00   | 0.00           |
| 35                              | 12" WATER & SEWER MAIN      | 0 LF      | 45.00     | 0.00           |
| 36                              | CONCRETE SLOPE PAVING       | 102 CY    | 300.00    | 30600.00       |
| 37                              | MINOR CONCRETE              | 0 CY      | 300.00    | 0.00           |
| 38                              | TYPE 7 CL RAILING           | 636 LF    | 35.00     | 22260.00       |
| 39                              | TYPE 26 CONCRETE BARRIER    | 636 LF    | 65.00     | 41340.00       |
| 40                              | TRAFFIC SIGNALS             | 0 EA      | 60000.00  | 0.00           |
| 41                              | ROADWAY LIGHTING            | 0 LS      | 197000.00 | 0.00           |
| 42                              | MISC CONSTRUCTION ITEMS     | 1 LS      | 90000.00  | 90000.00       |
| 43                              | CHAIN LINK FENCE(6')        | 0 LF      | 6.50      | 0.00           |
| 44                              | RECONST. THRIE BEAM BARRIER | 0 LF      | 14.00     | 0.00           |
| 45                              | THRIE BEAM BARRIER          | 0 LF      | 22.00     | 0.00           |
| 46                              | 18" STORM DRAIN             | 0 LF      | 58.00     | 0.00           |
| 47                              | 30" STORM DRAIN             | 0 LF      | 84.00     | 0.00           |
| 48                              | DOWN DRAIN                  | 0 LF      | 28.00     | 0.00           |
| 49                              | MOBILIZATION                | 1 LS      | 256633.00 | 256633.00      |
| * SUB-TOTAL CONTRACT ITEMS      |                             |           |           | 2,566,330.90   |
| * SUB-TOTAL (ROUNDED)           |                             |           |           | 2,566,331.00   |
| CONTINGENCIES (15%)             |                             |           |           | 384,949.65     |
| * SUB-TOTAL                     |                             |           |           | 2,951,280.65   |
| ENGR,SURVEY,DESIGN@15% + 15%    |                             |           |           | 509,220.00     |
| REVIEW AND INSPECTION@10% + 15% |                             |           |           | 339,480.00     |
| R/W COST +15% CONT.             |                             |           |           | 1,061,993.00   |
| R/W ACQUISITION COST @ 10%      |                             |           |           | 106,199.00     |
| SUB-TOTAL                       |                             |           |           | 4,968,172.65   |
| * SUB-TOTAL (ROUNDED)           |                             |           |           | \$4,970,000.00 |
| PROJECT INFLATION 6%            |                             |           |           |                |
| (2 YRS @ 3%/YR)                 |                             |           |           | 153,979.86     |
| EXTEND STRUCTURE(LAGUNA CR.)    |                             |           |           | 939,000.00     |
| * TOTAL CONST. COST             |                             |           |           | \$6,062,979.86 |
| TRAFFIC ENGINEERING ADMIN. (4%) |                             |           |           | 242,519.19     |
| **TOTAL PROJECT COST            |                             |           |           | \$6,305,499.05 |

# TRAFFIC IMPACT FEE

PROJECT #18—CALIFORNIA DR.—I-80 OVERCROSSING  
TO PEABODY RD.

SCOPE: EXTEND & WIDEN CALIFORNIA DR.

JULY 1992



BUDGET (1992 DOLLARS): \$8,693,500.00

YEAR OF PROPOSED CONSTRUCTION: 2005

PROJECT 18

CALIFORNIA DRIVE EXTENSION/WIDENING  
 FEB. 10, 1992

| ITEM | DESCRIPTION             | QTY./UNIT | PRICE     | TOTAL     |
|------|-------------------------|-----------|-----------|-----------|
| 1    | CONSTRUCTION AREA SIGNS | 1 LS      | 5000.00   | 5000.00   |
| 2    | TRAFFIC CONTROL SYSTEM  | 1 LS      | 10000.00  | 10000.00  |
| 3    | CLEAR AND GRUBB         | 12 AC     | 4200.00   | 50400.00  |
| 4    | MOBILIZATION            | 1 LS      | 50000.00  | 50000.00  |
| 7    | ROADWAY EXCAVATION      | 32600 CY  | 7.00      | 228200.00 |
| 8    | CLASS II AB             | 23350 CY  | 31.00     | 723850.00 |
| 9    | TYPE B AC               | 18870 TON | 44.00     | 830280.00 |
| 10   | CURB AND GUTTER         | 10300 LF  | 13.00     | 133900.00 |
| 11   | STREET LIGHT CONDUIT    | 15500 LF  | 12.00     | 186000.00 |
| 12   | STRIPING                | 21800 LF  | 2.00      | 43600.00  |
| 13   | CATCH BASINS            | 32 EA     | 1515.00   | 48480.00  |
| 14   | MANHOLES                | 45 EA     | 1850.00   | 83250.00  |
| 15   | LUMINAIRES              | 75 EA     | 1500.00   | 112500.00 |
| 16   | 12" STORM DRAIN         | 9700 LF   | 25.00     | 242500.00 |
| 17   | HYDROSEED               | 122000 SF | 0.05      | 6100.00   |
| 18   | PLANT TREES             | 300 EA    | 8.50      | 2550.00   |
| 19   | TRAFFIC SIGNAL          | 1 EA      | 100000.00 | 100000.00 |
| 20   | 2 NEW BRIDGES           | 12160 SF  | 75.00     | 912000.00 |

SUB-TOTAL 3768610.00  
 DESIGN CONTINGENCY 10% 376861.00

SUB-TOTAL 4145471.00  
 DESIGN ENGINEERING 10% 414547.10  
 CONST. ENGINEERING 10% 414547.10  
 CONST. CONTINGENCY 10% 414547.10  
 R/W LAND COST((200K/AC) 2700000.00  
 R/W APR./ACQ.(20,000/AC) 270000.00

ORIGINAL TOTAL \$8,359,112.30  
 4% ENGINEERING ADMIN 334,364.49  
 1992 PROJECT COST \$8,693,476.79

- ASSUMPTIONS:  
 ) 4 LANE UN-DIVIDED  
 ) 2900' FROM PENA ADOBE TO LIMITS OF PROJ #25A  
 ) 2600' FROM MARSHALL TO LIMITS OF PROJ #25A  
 ) WIDEN CALIF DR. TO 3 LANES FROM PEABODY TO HIDDEN OAKS CT  
 ) WIDEN TO 56' SECT. WIDENING TO SOUTH ONLY

ADDED SINCE ORIGINAL EST.:

- 1) TRAFFIC SIGNAL AT CALIF./PEABODY.  
 2) LEFT TURN LANE AT MARSHALL  
 3) 2 BRIDGES - \$75/SF FROM HORSE CR. EST

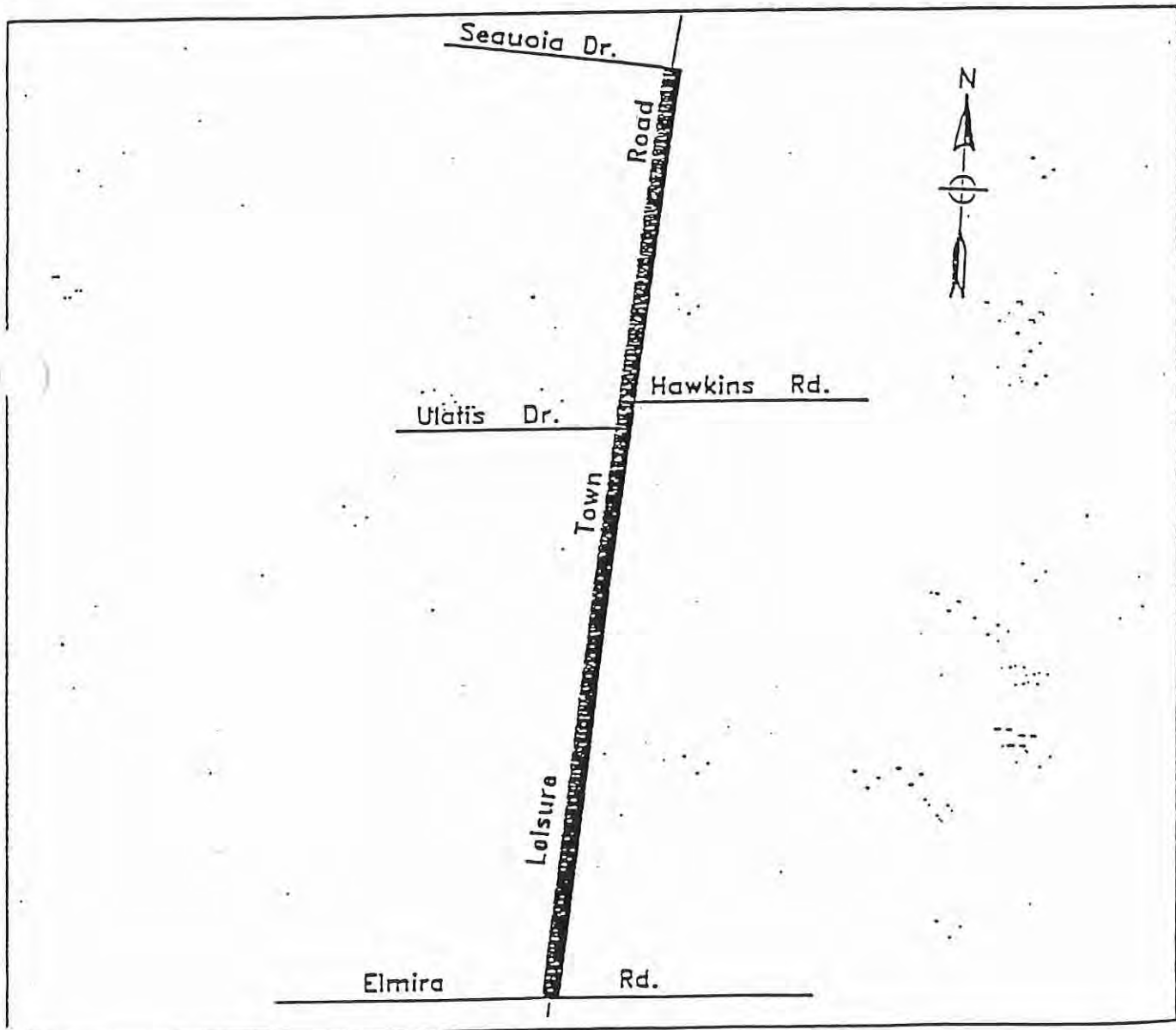
NOTE: Unit costs based on Tech. Memo No. 2, AUAO, & 1990 MS&I Estimates

# TRAFFIC IMPACT FEE

PROJECT #19—LEISURE TOWN RD.—SEQUOIA DR.  
TO ELMIRA RD.

SCOPE: WIDENING LEISURE TOWN RD. TO 4 LANES  
(4th LANE DEVELOPMENT FUNDED)

JULY 1992



BUDGET (1992 DOLLARS): \$3,026,900.00

YEAR OF PROPOSED CONSTRUCTION: 2006

OBJECT 19

ISURE TOWN RD. - SEQUOIA to ELMIRA RD.  
 REVISED JUNE 1992

| EM | DESCRIPTION             | QTY./UNIT | PRICE     | TOTAL     |
|----|-------------------------|-----------|-----------|-----------|
| 1  | CONSTRUCTION AREA SIGNS | 1 LS      | 1000.00   | 1000.00   |
| 2  | TRAFFIC CONTROL SYSTEM  | 1 LS      | 5000.00   | 5000.00   |
| 3  | CLEAR AND GRUBB         | 1 LS      | 5000.00   | 5000.00   |
| 4  | MOBILIZATION            | 1 LS      | 30000.00  | 30000.00  |
| 7  | ROADWAY EXCAVATION      | 17436 CY  | 7.00      | 122052.00 |
| 8  | CLASS II AB             | 12454 CY  | 31.00     | 386074.00 |
| 9  | TYPE B AC               | 10088 TON | 44.00     | 443872.00 |
| 10 | CURB AND GUTTER         | 6500 LF   | 13.00     | 84500.00  |
| 11 | SIDEWALK                | 26000 SF  | 3.20      | 83200.00  |
| 12 | STRIPING                | 39000 LF  | 2.00      | 78000.00  |
| 13 | CATCH BASINS            | 17 EA     | 1515.00   | 25755.00  |
| 14 | REDWOOD HEADER BOARD    | 6500 LF   | 5.50      | 35750.00  |
| 15 | UNDERGROUND UTILITIES   | 6500 LF   | 110.00    | 715000.00 |
| 16 | 12" STORM DRAIN         | 8100 LF   | 25.00     | 202500.00 |
| 17 | ULATIS CR BR - WIDEN    | 4180 SF   | 92.00     | 384560.00 |
| 18 | SID CANAL - RELOCATE    | 4500 LF   | 112.00    | 504000.00 |
| 19 | BOX CULVERT - EXTEND    | 1 LS      | 100000.00 | 100000.00 |

SUB-TOTAL 3206263.00  
 DESIGN CONTINGENCY 10% 320626.30

SUB-TOTAL 3526889.30  
 DESIGN ENGINEERING 10% 352688.93  
 CONST. ENGINEERING 10% 352688.93  
 CONST. CONTINGENCY 10% 352688.93  
 R/W LAND COST(\$6/SF) 1236000.00

SUMPTIONS:  
 4 LANE WITH 16'  
 INTED MEDIAN.

UNDERGROUND EXIST.  
 UTILITIES

SIDEWALK ON WEST SIDE

ORIGINAL TOTAL 5,820,956.09

4% ENGINEERING ADMIN. 232838.24

TOTAL \$6,053,794.33

DEV. CONTRIBUTION(50%) \$3,026,897.17

1992 PROJECT COST \$3,026,897.17

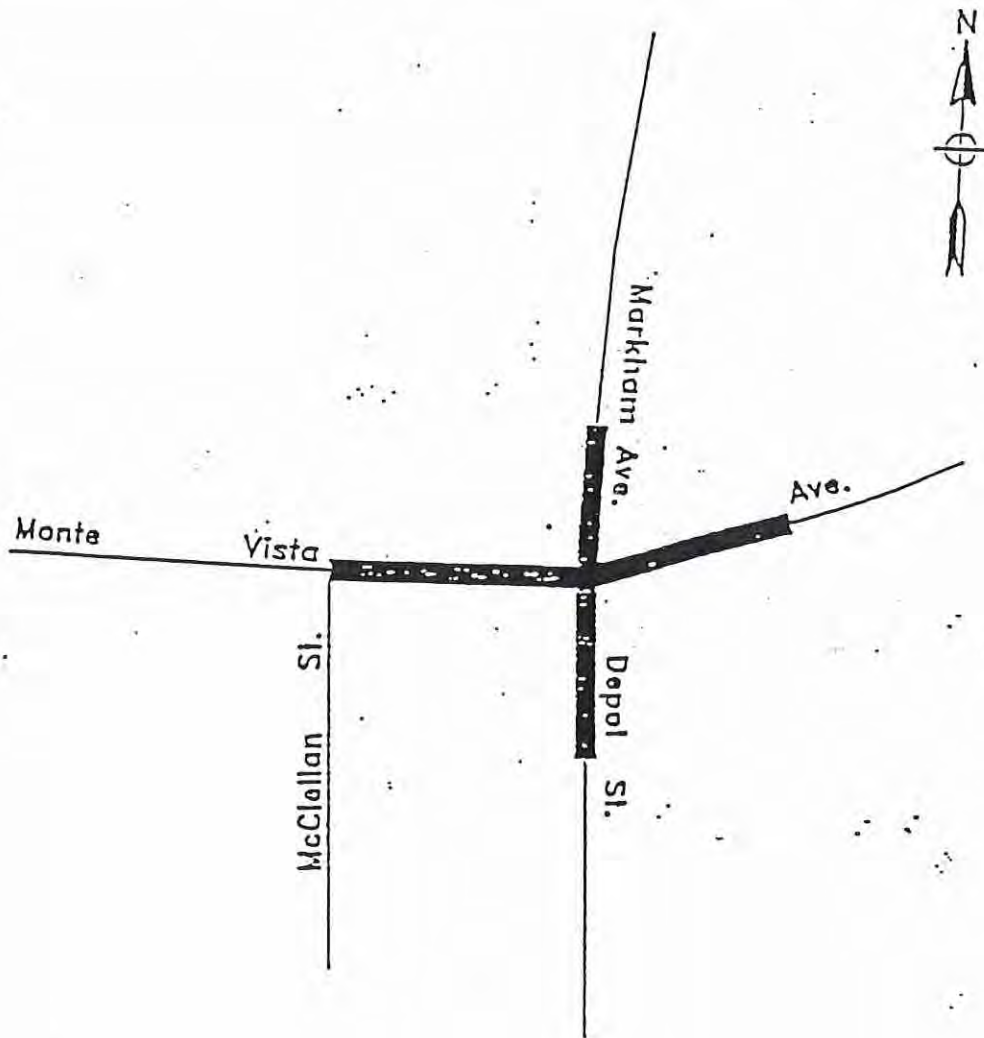


# TRAFFIC IMPACT FEE

PROJECT #20-E. MONTE VISTA AVE./DEPOT ST.

SCOPE: INTERSECTION IMPROVEMENTS

JULY 1992



BUDGET (1992 DOLLARS): \$1,082,200.00

YEAR OF PROPOSED CONSTRUCTION: 2006

PROJECT 20  
MONTE VISTA/DEPOT INTERSECTION IMPROVEMENTS

REVISED JUNE 1992

| EM                            | DESCRIPTION               | QTY/UNIT | PRICE      | TOTAL          |
|-------------------------------|---------------------------|----------|------------|----------------|
| 1                             | CONSTRUCTION SIGNING      | 1 LS     | 5,000.00   | 5,000.00       |
| 2                             | TRAFFIC CONTROL SYS.      | 1 LS     | 10,000.00  | 10,000.00      |
| 3                             | CLEAR AND GRUBB           | 1 LS     | 20,000.00  | 20,000.00      |
| 4                             | MOBILIZATION              | 1 LS     | 15,000.00  | 15,000.00      |
| 5                             | ROADWAY EXCAVATION        | 750 CY   | 25.00      | 18,750.00      |
| 6                             | TYPE B AC                 | 185 TN   | 50.00      | 9,250.00       |
|                               |                           |          |            |                |
| 7                             | CLASS 2 AB                | 675 TN   | 30.00      | 20,250.00      |
| 8                             | CONCRETE SIDEWALK         | 4,300 SF | 3.00       | 12,900.00      |
| 9                             | CONC. CUR AND GUTTER      | 430 LF   | 10.00      | 4,300.00       |
| 10                            | REMOVE STRIPING           | 0 LF     | 1.00       | 0.00           |
| 11                            | STRIPING                  | 225 LF   | 1.00       | 225.00         |
| 12                            | LEGENDS                   | 8 EA     | 100.00     | 800.00         |
| 13                            | CROSSWALK                 | 250 LF   | 1.00       | 250.00         |
| 14                            | MEDIAN LANDSCAPING        | 0 SF     | 2.50       | 0.00           |
| 15                            | MEDIAN COBBLE STONE       | 0 SF     | 4.50       | 0.00           |
| 16                            | UNDERGROUND UTILITIES     | 1 LS     | 25,000.00  | 25,000.00      |
| 17                            | S.D. RELOCATION & IMPO    | 1 LS     | 15,000.00  | 15,000.00      |
| 18                            | SIGNAL RELOCATION         | 1 LS     | 70,000.00  | 70,000.00      |
| 19                            | CONC. MEDIAN CURB         | 0 LF     | 8.00       | 0.00           |
| 20                            | REMOVE EXIST AC           | 0 CY     | 20.00      | 0.00           |
| 21                            | REMOVE CURB AND GUTTER    | 6 CY     | 20.00      | 120.00         |
| 22                            | REMOVE CONCRETE SIDEWALK  | 65 CY    | 20.00      | 1,300.00       |
| 23                            | REMOVE CONCRETE MEDIAN    | 0 CY     | 20.00      | 0.00           |
| 24                            | RELOCATE WATER SYSTEM     | 1 LS     | 10,000.00  | 10,000.00      |
| 25                            | RELOCATE EXIST. UTILITIES | 1 LS     | 100,000.00 | 100,000.00     |
| 26                            | RELOCATE SIGNS            | 2 EA     | 10,000.00  | 20,000.00      |
| SUB-TOTAL                     |                           |          |            | 358,145.00     |
| DESIGN CONTINGENCY            |                           |          |            | 35,814.00      |
| SUB-TOTAL                     |                           |          |            | \$393,959.00   |
| DESIGN ENGINEERING            |                           |          |            | 48,200.00      |
| CONST. ENGINEERING            |                           |          |            | 48,200.00      |
| CONST. CONTINGENCY            |                           |          |            | 48,200.00      |
| R/W ACQUISITION<br>(3455* SF) |                           |          |            | 52,000.00      |
| ORIGINAL TOTAL                |                           |          |            | \$590,559.00   |
| 4% ENGINEERING ADMIN.         |                           |          |            | 23,622.36      |
| 1992 TOTAL                    |                           |          |            | \$614,181.36   |
| ADDITIONAL R/W COST(DP)       |                           |          |            | 468,000.00     |
| ADJUSTED TOTAL                |                           |          |            | \$1,082,200.00 |

# TRAFFIC IMPACT FEE

PROJECT #21-PEABODY ROAD/MARSHALL ROAD

SCOPE: INTERSECTION IMPROVEMENTS

JULY 1992



BUDGET (1992 DOLLARS): \$1,075,900.00

PROJECT 21  
MARSHALL/PEABODY INTERSECTION IMPROVEMENTS

REVISED JUNE 1992

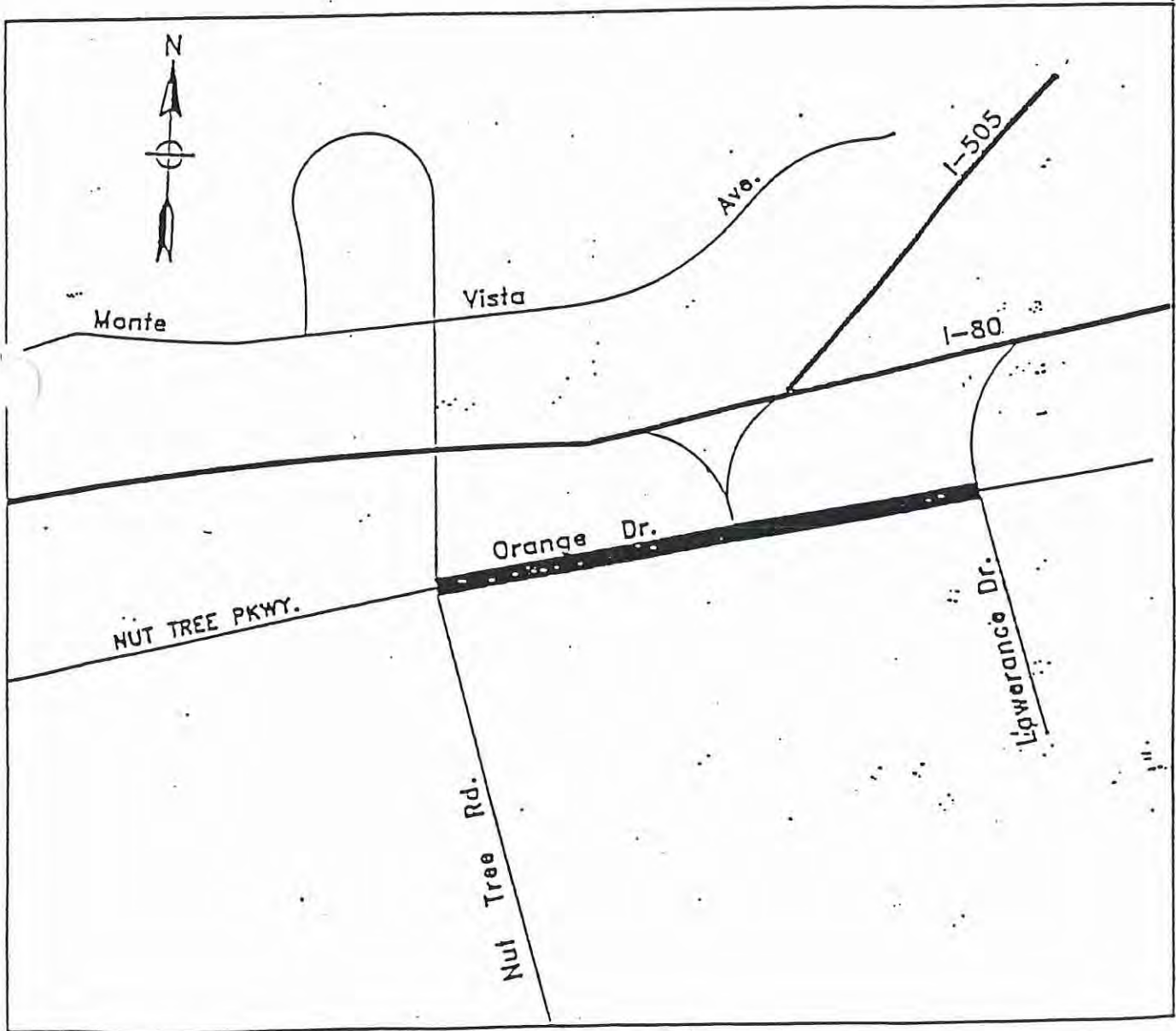
| ITEM                         | DESCRIPTION               | QTY/UNIT  | PRICE      | TOTAL          |
|------------------------------|---------------------------|-----------|------------|----------------|
| 1                            | CONSTRUCTION SIGNING      | 1 LS      | 5,000.00   | 5,000.00       |
| 2                            | TRAFFIC CONTROL SYS.      | .1 LS     | 20,000.00  | 20,000.00      |
| 3                            | CLEAR AND GRUBB           | 1 LS      | 25,000.00  | 25,000.00      |
| 4                            | MOBILIZATION              | 1 LS      | 25,000.00  | 25,000.00      |
| 5                            | ROADWAY EXCAVATION        | 2,500 CY  | 25.00      | 62,500.00      |
| 6                            | TYPE B AC                 | 610 TN    | 40.00      | 24,400.00      |
| 7                            | CLASS 2 AB                | 2,235 TN  | 22.00      | 49,170.00      |
| 8                            | CONCRETE SIDEWALK         | 23,400 SF | 3.00       | 70,200.00      |
| 9                            | CONC. CUR AND GUTTER      | 2,340 LF  | 10.00      | 23,400.00      |
| 10                           | REMOVE STRIPING           | 4,720 LF  | 1.00       | 4,720.00       |
| 11                           | STRIPING                  | 4,720 LF  | 1.00       | 4,720.00       |
| 12                           | LEGENDS                   | 18 EA     | 100.00     | 1,800.00       |
| 13                           | CROSSWALK                 | 800 LF    | 1.00       | 800.00         |
| 14                           | MEDIAN LANDSCAPING        | 0 SF      | 2.50       | 0.00           |
| 15                           | MEDIAN COBBLE STONE       | 14,970 SF | 4.50       | 67,365.00      |
| 16                           | UNDERGROUND UTILITIES     | 1 LS      | 100,000.00 | 100,000.00     |
| 17                           | S.D. RELOCATION & IMPO    | 1 LS      | 20,000.00  | 20,000.00      |
| 18                           | SIGNAL RELOCATION         | 1 LS      | 80,000.00  | 80,000.00      |
| 19                           | CONC. MEDIAN CURB         | 2,450 LF  | 8.00       | 19,600.00      |
| 20                           | REMOVE EXIST AC           | 0 CY      | 20.00      | 0.00           |
| 21                           | REMOVE CURB AND GUTTER    | 145 CY    | 20.00      | 2,900.00       |
| 22                           | REMOVE CONCRETE SIDEWALK  | 230 CY    | 20.00      | 4,600.00       |
| 23                           | REMOVE CONCRETE MEDIAN    | 15 CY     | 20.00      | 300.00         |
| 24                           | RELOCATE WATER SYSTEM     | 1 LS      | 10,000.00  | 10,000.00      |
| 25                           | RELOCATE EXIST. UTILITIES | 1 LS      | 15,000.00  | 15,000.00      |
| 26                           | RELOCATE SIGNS            | 1 EA      | 10,000.00  | 10,000.00      |
| SUB-TOTAL                    |                           |           |            | 646,475.00     |
| DESIGN CONTINGENCY           |                           |           |            | 76,650.00      |
| SUB-TOTAL                    |                           |           |            | \$723,125.00   |
| DESIGN ENGINEERING           |                           |           |            | 84,315.00      |
| CONST. ENGINEERING           |                           |           |            | 84,315.00      |
| CONST. CONTINGENCY           |                           |           |            | 84,315.00      |
| R/W ACQUISITION<br>(9735 SF) |                           |           |            | 58,410.00      |
| ORIGINAL TOTAL               |                           |           |            | \$1,034,480.00 |
| 4% ENGINEERING ADMIN.        |                           |           |            | 41,379.20      |

# TRAFFIC IMPACT FEE

PROJECT #22-ORANGE DR.-NUT TREE RD.  
TO LAWERANCE DR.

SCOPE: INTERSECTION IMPROVEMENTS

JULY 1992



BUDGET (1992 DOLLARS): \$1,023,700.00

YEAR OF PROPOSED CONSTRUCTION: 2008

PROJECT 22

RANGE DR WIDENING - NUT TREE to LAWRENCE  
E3.6, 1992

| ITEM                      | DESCRIPTION               | QTY./UNIT | PRICE    | TOTAL          |
|---------------------------|---------------------------|-----------|----------|----------------|
| 1                         | CONSTRUCTION AREA SIGNS   | 1 LS      | 1000.00  | 1000.00        |
| 2                         | TRAFFIC CONTROL SYSTEM    | 1 LS      | 5000.00  | 5000.00        |
| 3                         | CLEAR AND GRUBB           | 1 LS      | 30000.00 | 30000.00       |
| 4                         | MOBILIZATION              | 1 LS      | 30000.00 | 30000.00       |
| 5                         | ROADWAY EXCAVATION        | 1605 CY   | 21.00    | 33705.00       |
| 6                         | TYPE B AC                 | 2375 TON  | 44.00    | 104500.00      |
| 7                         | CLASS II AB               | 1147 CY   | 31.00    | 35557.00       |
| 8                         | CONCRETE SIDEWALK         | 8500 SF   | 3.20     | 27200.00       |
| 9                         | CONC. CURB & GUTTER       | 1400 LF   | 10.60    | 14840.00       |
| 10                        | REMOVE PAINT STRIPE       | 3760 LF   | 1.50     | 5640.00        |
| 11                        | DETAIL 10                 | 4120 LF   | 0.75     | 3090.00        |
| 12                        | DETAIL 26                 | 2800 LF   | 0.50     | 1400.00        |
| 13                        | DETAIL 39                 | 2900 LF   | 1.00     | 2900.00        |
| 14                        | DETAIL 37A (MOD)          | 1425 LF   | 1.50     | 2137.50        |
| 15                        | TYPE IV ARROW             | 11 EA     | 39.00    | 429.00         |
| 16                        | CROSSWALK                 | 140 LF    | 2.00     | 280.00         |
| 17                        | MARKING "BIKE LANE"       | 4 EA      | 65.00    | 260.00         |
| 18                        | LANDSCAPING(MEDIAN/OTHER) | 11840 SF  | 5.50     | 65120.00       |
| 19                        | MEDIAN COBBLE STONE       | 2790 SF   | 6.50     | 18135.00       |
| 20                        | TYPE CL-6 FENCE           | 850 LF    | 15.00    | 12750.00       |
| 21                        | UNDRGROUND UTILITIES      | 1800 LF   | 110.00   | 198000.00      |
| 22                        | CALTRANS DRAINAGE         | 1 LS      | 23000.00 | 23000.00       |
| SUB-TOTAL                 |                           |           |          | 614943.50      |
| DESIGN CONTINGENCY 10%    |                           |           |          | 61494.35       |
| SUB-TOTAL                 |                           |           |          | 676437.85      |
| DESIGN ENGINEERING 10%    |                           |           |          | 67643.79       |
| CONST. ENGINEERING 10%    |                           |           |          | 67643.79       |
| CONST. CONTINGENCY 10%    |                           |           |          | 67643.79       |
| R/W LAND COST             |                           |           |          | 100000.00      |
| R/W APR./ACQ. (30,000/AC) |                           |           |          | 5000.00        |
| ORIGINAL TOTAL            |                           |           |          | \$984,369.21   |
| 4% ENGINEERING ADMIN.     |                           |           |          | 39,374.77      |
| 1992 PROJECT COST         |                           |           |          | \$1,023,743.97 |

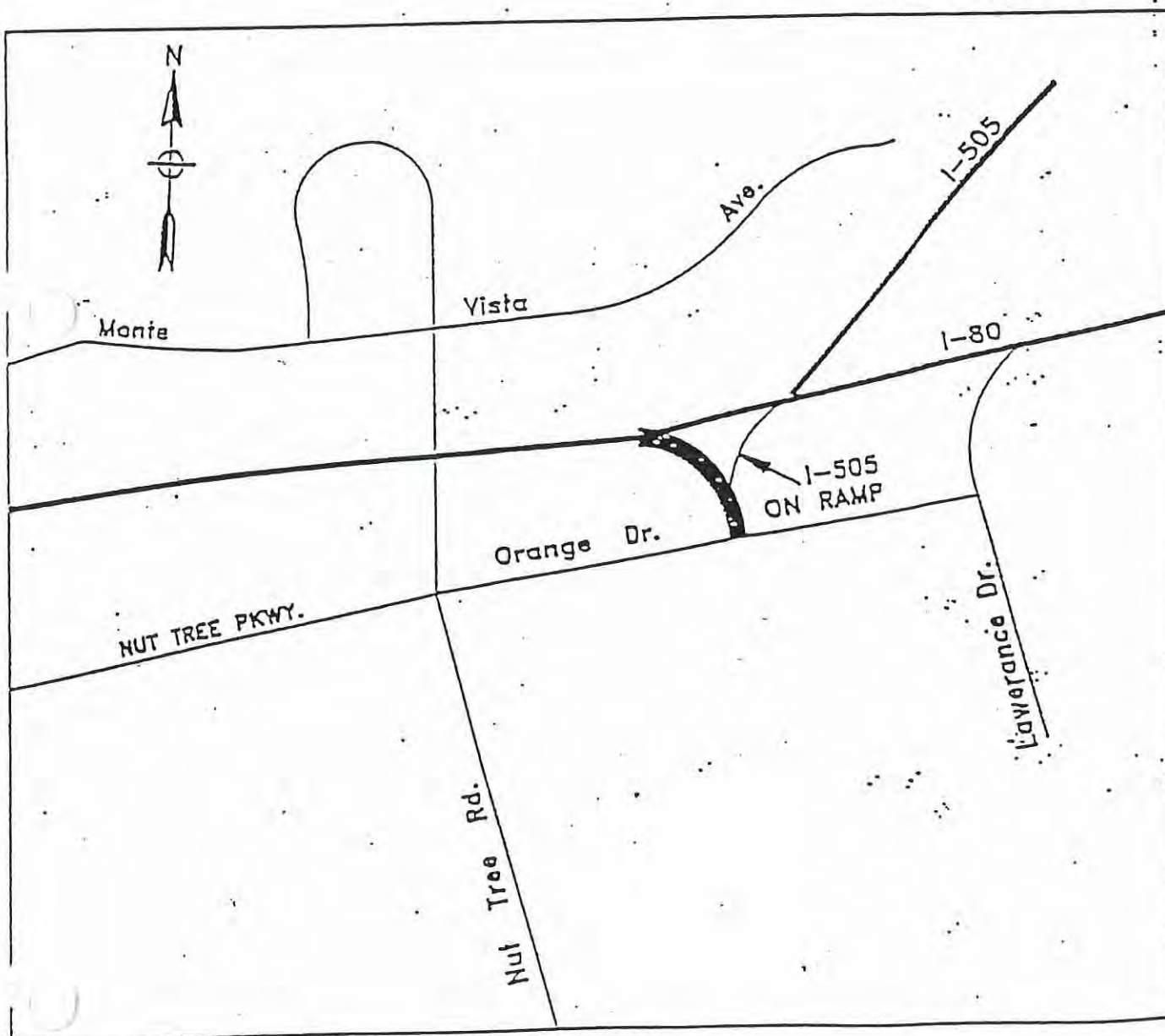
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# TRAFFIC IMPACT FEE

PROJECT #23-I-505 RAMP WIDENING AT ORANGE DR.

SCOPE: WIDEN I-505 OFF RAMP

JULY 1992



BUDGET (1992 DOLLARS): \$503,900.00

YEAR OF PROPOSED CONSTRUCTION: 2008

PROJECT 23

I-80/1-505 RAMP MODIFICATION  
 FEB.6, 1992

| ITEM                      | DESCRIPTION             | QTY./UNIT | PRICE    | TOTAL        |
|---------------------------|-------------------------|-----------|----------|--------------|
| 1                         | CONSTRUCTION AREA SIGNS | 1 LS      | 1000.00  | 1000.00      |
| 2                         | TRAFFIC CONTROL SYSTEM  | 1 LS      | 10000.00 | 10000.00     |
| 3                         | CLEAR AND GRUBB         | 1 LS      | 30000.00 | 30000.00     |
| 4                         | MOBILIZATION            | 1 LS      | 30000.00 | 30000.00     |
| 5                         | ROADWAY EXCAVATION      | 3067 CY   | 21.00    | 64407.00     |
| 6                         | PAVEMENT REMOVAL        | 3000 SF   | 5.00     | 15000.00     |
| 7                         | TYPE B AC               | 1350 TON  | 44.00    | 59400.00     |
| 8                         | CLASS II AB             | 2445 CY   | 31.00    | 75795.00     |
| 9                         | PAVEMENT STRIPING       | 1 LS      | 6000.00  | 6000.00      |
| 10                        | HYDROSEED               | 22500 SF  | 0.50     | 11250.00     |
| 11                        | FIELD INLET             | 4 EA      | 1500.00  | 6000.00      |
| 12                        | 18" STORM DRAIN         | 1000 LF   | 30.00    | 30000.00     |
| SUB-TOTAL                 |                         |           |          | 338852.00    |
| DESIGN CONTINGENCY 10%    |                         |           |          | 33885.20     |
| SUB-TOTAL                 |                         |           |          | 372737.20    |
| DESIGN ENGINEERING 10%    |                         |           |          | 37273.72     |
| CONST. ENGINEERING 10%    |                         |           |          | 37273.72     |
| CONST. CONTINGENCY 10%    |                         |           |          | 37273.72     |
| R/W LAND COST             |                         |           |          | 0.00         |
| R/W APR./ACQ. (30,000/AC) |                         |           |          | 0.00         |
| ORIGINAL TOTAL            |                         |           |          | \$484,558.36 |
| 4% ENGINEERING ADMIN.     |                         |           |          | 19,382.33    |
| 1992 PROJECT COST         |                         |           |          | \$503,940.69 |

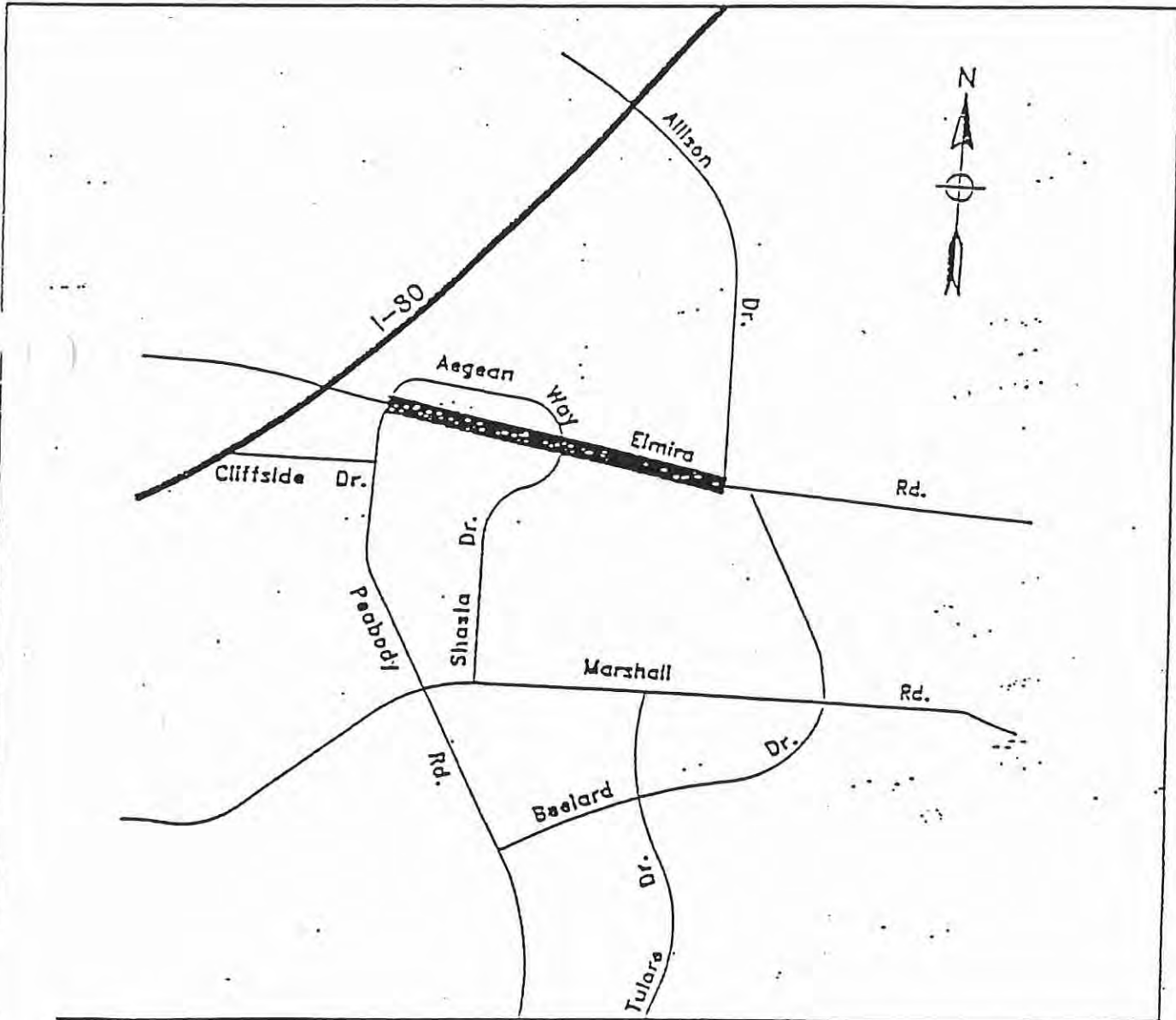


# TRAFFIC IMPACT FEE

PROJECT #24-ELMIRA RD.-PEABODY RD. TO ALLISON DR.

SCOPE: WIDENING ELMIRA RD. TO 6 LANES

JULY 1992



BUDGET (1992 DOLLARS): \$1,143,200.00

YEAR OF PROPOSED CONSTRUCTION: 2008

PROJECT 24

ELMIRA RD. WIDENING  
 PEABODY ROAD TO ALLISON DR.  
 REVISED JUNE 1992

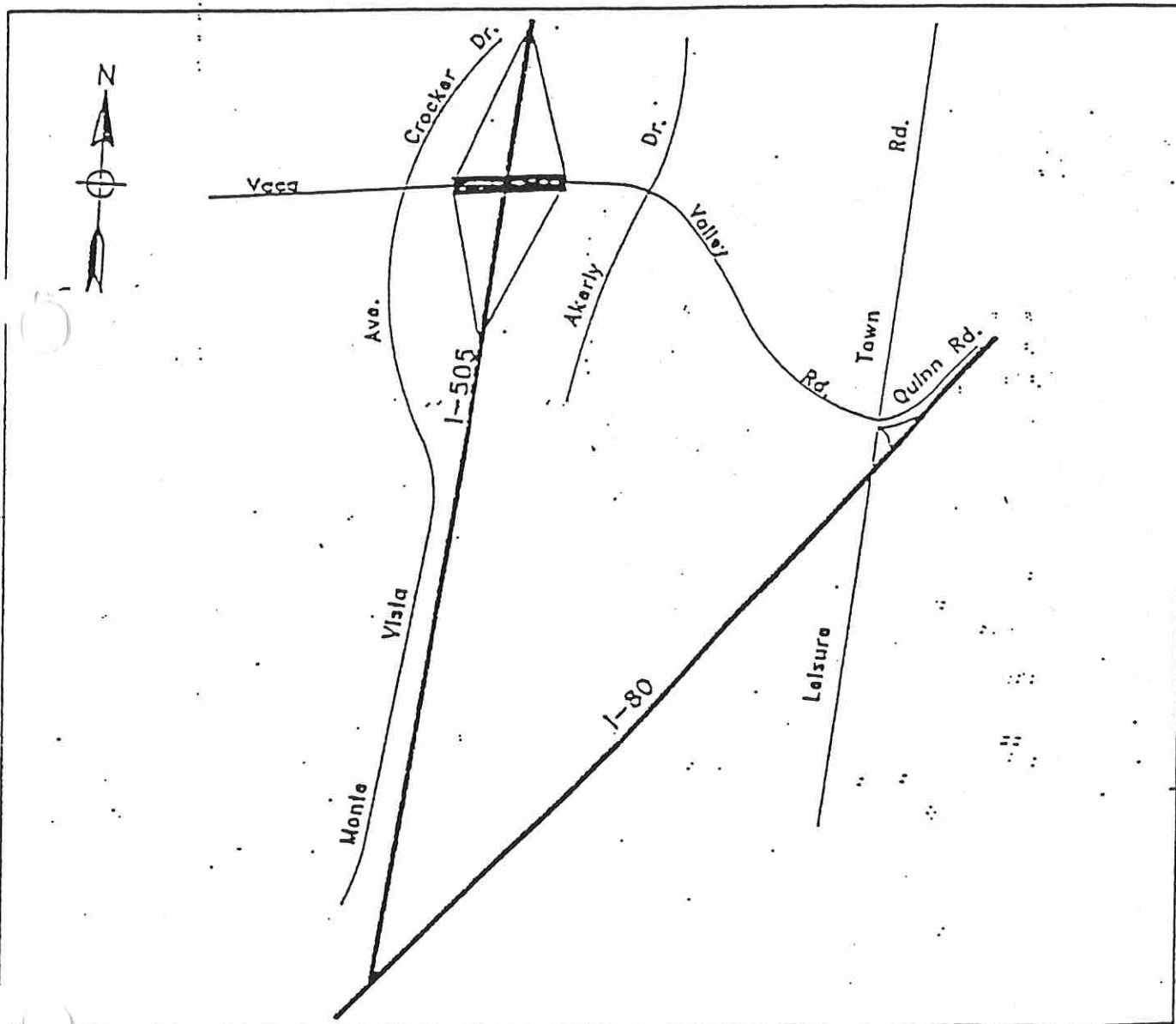
| ITEM                   | DESCRIPTION              | QTY./UNIT | PRICE    | TOTAL          |
|------------------------|--------------------------|-----------|----------|----------------|
| 1                      | CLEAR AND GRUBB          | 1 LS      | 15000.00 | 15000.00       |
| 2                      | ROADWAY EXCAVATION       | 8140 CY   | 10.00    | 81400.00       |
| 3                      | CL 2 AB                  | 6450 CY   | 30.00    | 193500.00      |
| 4                      | TYPE B AC                | 3400 TN   | 40.00    | 136000.00      |
| 5                      | CONCRETE CURB AND GUTTER | 2525 LF   | 10.50    | 26512.50       |
|                        |                          |           |          |                |
| 6                      | CURB INLET & 18" RCP     | 6 EA      | 2500.00  | 15000.00       |
| 7                      | ROADSIDE SIGNS           | 1 LS      | 1000.00  | 1000.00        |
| 8                      | PAINT STRIPING           | 7575 LF   | 0.50     | 3787.50        |
| 9                      | PVMT. MARKINGS           | 1 LS      | 6000.00  | 6000.00        |
| 10                     | SIDEWALK                 | 11363 SF  | 2.50     | 28407.50       |
| 11                     | RAISED CONCRETE MEDIAN   | 5050 LF   | 8.00     | 40400.00       |
| 12                     | RELOCATE STREET LIGHT    | 10 EA     | 1000.00  | 10000.00       |
| SUB-TOTAL              |                          |           |          | 557007.50      |
| CONSTRUCTION           |                          |           |          | 557008.00      |
| DESIGN CONTINGENCY 10% |                          |           |          | 55700.80       |
| DESIGN ENGINEERING 10% |                          |           |          | 55700.80       |
| CONST. ENGINEERING 10% |                          |           |          | 55700.80       |
| CONST. CONTINGENCY 10% |                          |           |          | 55700.80       |
| R/W LAND COST          |                          |           |          | 189375.00      |
| R/W APR./ACQ.          |                          |           |          | 30000.00       |
| UTILITY RELOCATION     |                          |           |          | 100000.00      |
| ORIGINAL TOTAL         |                          |           |          | \$1,099,186.20 |
| 4% ENGINEERING ADMIN.  |                          |           |          | 43,967.45      |
| 1992 PROJECT COST      |                          |           |          | \$1,143,153.65 |

# TRAFFIC IMPACT FEE

PROJECT #25-VACA VALLEY PKWY./I-505 OVERCROSSING

SCOPE: WIDEN VACA VALLEY PKWY./I-505  
OVERCROSSING TO 4 LANES

JULY 1992



BUDGET (1992 DOLLARS): \$5,088,000.00

YEAR OF PROPOSED CONSTRUCTION: 2009

PROJECT 25

VACA VALLEY/I-505 OVERCROSSING  
 BASED ON 8/8/91 ESTIMATE BY TRB  
 REVISED JUNE 1992

| ITEM                              | DESCRIPTION                 | QTY./UNIT | PRICE     | TOTAL          |
|-----------------------------------|-----------------------------|-----------|-----------|----------------|
| 1                                 | CONSTRUCTION AREA SIGNS     | 1 LS      | 55000.00  | 55000.00       |
| 2                                 | CONSTRUCTION STAKING        | 1 LS      | 29000.00  | 29000.00       |
| 3                                 | TRAFFIC CTRL SYSTEM         | 1 LS      | 92000.00  | 92000.00       |
| 4                                 | TYPE III BARRICADE          | 50 EA     | 120.00    | 6000.00        |
| 5                                 | LIGHTED CONST. SIGNS        | 1 LS      | 20000.00  | 20000.00       |
| 6                                 | TEMPORARY K-RAIL            | 1160 LF   | 15.00     | 17400.00       |
| 7                                 | REMOVE MEDIAN BARRIERS      | 2000 LF   | 30.00     | 60000.00       |
| 8                                 | REMOVE APPROACH GUARDRAIL   | 97 LF     | 9.00      | 873.00         |
| 9                                 | BRIDGE REMOVAL              | 1 LS      | 15000.00  | 15000.00       |
| 10                                | CLEAR AND GRUBB             | 1 LS      | 17000.00  | 17000.00       |
| 11                                | ROADWAY EXCAVATION          | 9195 CY   | 4.50      | 41377.50       |
| 12                                | STRUCTURE EXCAVATION        | 135 CY    | 30.00     | 4050.00        |
| 13                                | STRUCTURE BACKFILL          | 89 CY     | 40.00     | 3560.00        |
| 14                                | IMPORTED BORROW             | 85820 CY  | 5.50      | 472010.00      |
| 15                                | LANDSCAPING                 | 8200 LF   | 15.00     | 93000.00       |
| 16                                | PLANT ESTABLISHMENT WORK    | 180 EA    | 120.00    | 21600.00       |
| 17                                | CLASS II AGG. BASE          | 7356 CY   | 25.00     | 183900.00      |
| 18                                | ASPHALT TREATED BASE        | 1839 CY   | 50.00     | 91950.00       |
| 19                                | TYPE B AC                   | 8582 TON  | 33.00     | 283206.00      |
| 20                                | FURNISH CONC. PILE(70TON)   | 535 LF    | 12.00     | 6420.00        |
| 21                                | DRIVE CONC. PILE (70TON)    | 15 EA     | 1100.00   | 16500.00       |
| 22                                | PRESTRESSING CONCRETE       | 22375 LB  | 1.00      | 22375.00       |
| 23                                | STRUCTURAL CONC.(FOOTING)   | 25 CY     | 300.00    | 7500.00        |
| 24                                | STRUCTURAL CONC.(BRIDGE)    | 518 CY    | 325.00    | 168350.00      |
| 25                                | STRUCT.CONC.(APPROACH SLAB) | 183 CY    | 310.00    | 56730.00       |
| 26                                | REFINISH BRIDGE DECK        | 227 SF    | 15.00     | 3405.00        |
| 27                                | WATERSTOP                   | 86 LF     | 15.00     | 1290.00        |
| 28                                | JOINT SEAL (MR2)            | 86 LF     | 40.00     | 3440.00        |
| 29                                | REINFORCING STEEL(BRIDGE)   | 98080 LB  | 0.55      | 53944.00       |
| 30                                | BRIDGE MOUNTED SIGN         | 0 EA      | 8000.00   | 0.00           |
| 31                                | 3" PLASTIC EDGE DRAIN       | 12000 LF  | 5.00      | 60000.00       |
| 32                                | 24" PIPE CULVERT            | 360 LF    | 65.00     | 23400.00       |
| 33                                | 24" FLARED END SECTION      | 12 EA     | 425.00    | 5100.00        |
| 34                                | 8" CONDUIT                  | 300 LF    | 20.00     | 6000.00        |
| 35                                | DRAINAGE INLETS             | 10 EA     | 450.00    | 4500.00        |
| 36                                | MANHOLES                    | 8 EA      | 3500.00   | 28000.00       |
| 37                                | 12" WATER & SEWER MAIN      | 1400 LF   | 45.00     | 63000.00       |
| 38                                | 12" STORM DRAIN             | 8200 LF   | 16.00     | 131200.00      |
| 39                                | CONCRETE SLOPE PAVING       | 35 CY     | 300.00    | 10500.00       |
| 40                                | FILTER FABRIC               | 4200 SY   | 3.00      | 12600.00       |
| 41                                | MINOR CONCRETE              | 420 CY    | 300.00    | 126000.00      |
| 42                                | TYPE 7 CL RAILING           | 424 LF    | 35.00     | 14840.00       |
| 43                                | TYPE 26 CONCRETE BARRIER    | 424 LF    | 65.00     | 27560.00       |
| 44                                | TYPE 50 CONCRETE BARRIER    | 2000 LF   | 18.00     | 36000.00       |
| 45                                | TRAFFIC SIGNALS             | 2 EA      | 60000.00  | 120000.00      |
| 46                                | ROADWAY LIGHTING            | 0 LS      | 0.00      | 0.00           |
| 47                                | MISC CONSTRUCTION ITEMS     | 1 LS      | 111000.00 | 111000.00      |
| 48                                | CHAIN LINK FENCE(6')        | 0 LF      | 6.50      | 0.00           |
| 49                                | RECONST. THREE BEAM BARRIER | 0 LF      | 14.00     | 0.00           |
| 50                                | THREE BEAM BARRIER          | 0 LF      | 22.00     | 0.00           |
| 51                                | 18" STORM DRAIN             | 0 LF      | 58.00     | 0.00           |
| 52                                | 30" STORM DRAIN             | 0 LF      | 84.00     | 0.00           |
| 53                                | DOWN DRAIN                  | 0 LF      | 28.00     | 0.00           |
| 54                                | MOBILIZATION                | 1 LS      | 387011.00 | 387011.00      |
| SUB-TOTAL CONTRACT ITEMS          |                             |           |           | 2,373,491.50   |
| SUB-TOTAL (ROUNDED)               |                             |           |           | 2,373,500.00   |
| CONTINGENCIES (15%)               |                             |           |           | 446,025.00     |
| SUB-TOTAL                         |                             |           |           | 3,419,525.00   |
| ENGR. SURVEY, DESIGN @ 15% + 15%  |                             |           |           | 723,945.00     |
| REVIEW AND INSPECTION @ 10% + 15% |                             |           |           | 467,955.00     |
| R/V COST + 15% CONT.              |                             |           |           | 0.00           |
| R/V ACQUISITION COST @ 10%        |                             |           |           | 0.00           |
| 1990 TOTAL                        |                             |           |           | \$4,611,425.00 |
| PROJECT INFLATION 6%              |                             |           |           |                |
| (2 YRS @ 3%/YR)                   |                             |           |           | 280,235.73     |
| TOTAL PROJECT COST                |                             |           |           | \$4,892,250.73 |

# TRAFFIC IMPACT FEE

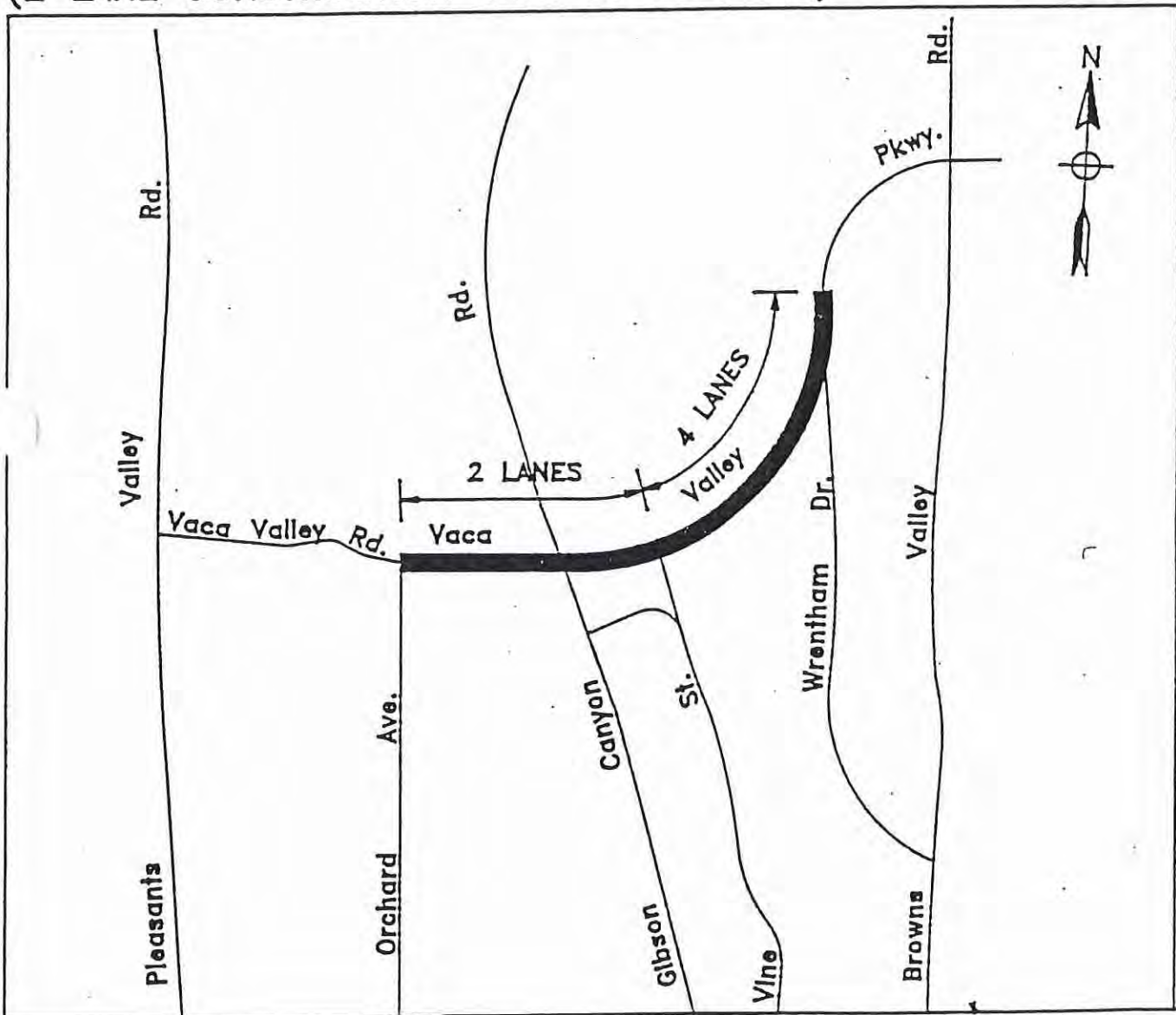
PROJECT #26-VACA VALLEY PKWY. EXTENSION

SCOPE: EXTEND VACA ALLEY PKWY. FROM WRENTHAM DR. TO ORCHARD AVE. (4 LANE R/W WRENTHAM TO ORCHARD)

(4 LANE CONSTRUCTION WRENTHAM TO VINE)

(2 LANE CONSTRUCTION VINE TO ORCHARD)

JULY 1992



BUDGET (1992 DOLLARS): \$4,567,000.00

YEAR OF PROPOSED CONSTRUCTION: 2009

PROJECT 26

VACA VALLEY PKWY WIDENING  
 ORCHARD AVE TO GLEN EAGLE ESTATES  
 REVISED JUNE 1992

| ITEM                   | DESCRIPTION                         | QTY./UNIT | PRICE     | TOTAL          |
|------------------------|-------------------------------------|-----------|-----------|----------------|
| 1                      | CONSTRUCTION SIGNS                  | 1 LS      | 5000.00   | 5000.00        |
| 2                      | CLEAR AND GRUBB                     | 1 LS      | 20000.00  | 20000.00       |
| 3                      | ROADWAY EXCAVATION                  | 116000 CY | 10.00     | 1160000.00     |
| 4                      | CL 2 AB                             | 16900 CY  | 30.00     | 507000.00      |
| 5                      | TYPE B AC                           | 4120 TN   | 40.00     | 164800.00      |
| 6                      | SIDEWALK                            | 35650 SF  | 2.50      | 89125.00       |
| 7                      | CONCRETE CURB AND GUTTER            | 10440 LF  | 10.50     | 109620.00      |
| 8                      | PLANTER CURB                        | 10440 LF  | 8.00      | 83520.00       |
| 9                      | STREET LIGHT CONDUIT                | 10440 LF  | 3.50      | 36540.00       |
| 10                     | SIGNING AND STRIPING                | 5220 LF   | 2.00      | 10440.00       |
| 11                     | DRAINAGE INLETS                     | 20 EA     | 1500.00   | 30000.00       |
| 12                     | TRAFFIC SIGNALS                     | 2 EA      | 100000.00 | 200000.00      |
| 13                     | LANDSCAPING                         | 5220 LS   | 10.00     | 52200.00       |
| 14                     | TRAFFIC CONTROL                     | 1 EA      | 2000.00   | 2000.00        |
| 15                     | MANHOLES                            | 20 EA     | 1500.00   | 30000.00       |
| 16                     | STREET LIGHTS                       | 40 EA     | 1500.00   | 60000.00       |
| 17                     | 12" WATER MAIN                      | 5220 LF   | 50.00     | 261000.00      |
| 18                     | FIRE HYDRANTS                       | 21 EA     | 1000.00   | 21000.00       |
| 19                     | 12" STORM DRAIN                     | 5220 LF   | 28.00     | 146160.00      |
|                        | ADDITION ERROR ON ORIGINAL ESTIMATE |           |           | -151010.00     |
| SUB-TOTAL              |                                     |           |           | 2837395.00     |
| 6% INFLATION FACTOR    |                                     |           |           | 172797.36      |
| CONSTRUCTION           |                                     |           |           | 3010192.36     |
| DESIGN CONTINGENCY 10% |                                     |           |           | 301019.24      |
| DESIGN ENGINEERING 10% |                                     |           |           | 301019.24      |
| CONST. ENGINEERING 10% |                                     |           |           | 301019.24      |
| CONST. CONTINGENCY 10% |                                     |           |           | 301019.24      |
| R/W LAND COST          |                                     |           |           | 156600.00      |
| R/W ACQUISITION COST   |                                     |           |           | 20000.00       |
| ORIGINAL TOTAL         |                                     |           |           | \$4,390,869.30 |
| 4% ENGINEERING ADMIN.  |                                     |           |           | 175,634.77     |
| 1992 PROJECT COST      |                                     |           |           | \$4,566,504.07 |

## TRAFFIC IMPACT FEE

PROJECT #27-TRAFFIC SIGNALS-VARIOUS LOCATIONS

SCOPE: INSTALLATION OF NEW SIGNALS & MODIFY  
EXISTING SIGNALS THROUGHOUT THE CITY.

BUDGET (1992 DOLLARS): \$6,037,500.00  
(\$345,000 PER YEAR FOR 17-1/2 YEARS)

YEAR OF PROPOSED CONSTRUCTION: 1992 - 2009

NEW TRAFFIC SIGNAL LOCATIONS SUMMARY

OHH III  
4/16/92

| SIG. NO.    | LOCATIONS                           | PEAK HR. MODEL COUNTS |                 | YEAR FUNDING IN PLACE | ESTIMATED COST '92 DOLLARS | NOTES |                |  |
|-------------|-------------------------------------|-----------------------|-----------------|-----------------------|----------------------------|-------|----------------|--|
|             |                                     | MAJOR ST. LANES       | MINOR ST. LANES |                       |                            |       |                |  |
| 1 68        | ELMIRA RD/CHRISTINE DR              | 2                     | 1154            | 1                     | 155                        | 1993  | \$144,000.00   |  |
| 2 106       | BROWNS VALLEY PKWY/BROWN ST         | 1                     | 1048            | 1                     | 222                        | 1993  | \$129,600.00   |  |
| 3 51        | ALAMO DR/MARIPOSA AVE               | 2                     | 1866            | 1                     | 351                        | 1993  | \$144,000.00   |  |
| 4 112       | PEABODY RD/CALIFORNIA DR            | 2                     | 3675            | 1                     | 237                        | 1994  | \$144,000.00   |  |
| 5 54        | ALAMO DR/MARNA DR                   | 2                     | 2966            | 1                     | 178                        | 1994  | \$144,000.00   |  |
| 6 102       | BELLA VISTA RD/HUME WY/DAVIS ST     | 1                     | 905             | 1                     | 443                        | 1994  | \$129,600.00   |  |
| 7 40        | CHERRY GLEN OC (NJI-80 RAMP S)      | 2                     | 1796            | 1                     | 986                        | 1995  | DEVELOPER      |  |
| 8 70        | ALLISON DR/ULATIS DR                | 2                     | 2511            | 1                     | 238                        | 1995  | \$144,000.00   |  |
| 9 41        | LOWER LAGOON VALLEY & SABLEBACK     | 2                     | 1633            | 1                     | 182                        | 1995  | DEVELOPER      |  |
| 10 107      | ALLISON DR/BROWNS VALLEY PKWY       | 2                     | 1320            | 2                     | 454                        | 1995  | \$158,400.00   |  |
| 11 74       | ALLISON DR/NUT TREE RD              | 2                     | 2558            | 2                     | 1333                       | 1995  | \$158,400.00   |  |
| 12 125      | LEISURE TOWN RD/SEQUOIA DR          | 1                     | 1146            | 1                     | 173                        | 1996  | \$129,600.00   |  |
| 13 85       | E.MONTE VISTA/NUT TREE BUTTONHOOK   | 1                     | 895             | 1                     | 400                        | 1996  | \$129,600.00   |  |
| 14 80       | LEISURE TOWN RD/ORANGE DR           | 2                     | 1389            | 1                     | 210                        | 1996  | \$144,000.00   |  |
| 15 75       | I-505/I-80/ORANGE DR                | 1                     | 790             | 1                     | 225                        | 1996  | \$129,600.00   |  |
| 16 122      | NUT TREE RD/WOODBRIDGE DR           | 2                     | 2704            | 1                     | 167                        | 1996  | \$144,000.00   |  |
| 17 91       | VACA VALLEY PKWY/ALLISON DR         | 2                     | 1516            | 1                     | 168                        | 1996  | \$144,000.00   |  |
| 18 84       | E. MONTE VISTA/SHELL DR/I-80 RAMP S | 1                     | 845             | 1                     | 394                        | 1996  | \$129,600.00   |  |
| 19 104      | BROWNS VALLEY PKWY/TIPPERARY DR     | 1                     | 1041            | 1                     | 117                        | 1997  | \$129,600.00   |  |
| 20 57       | MARSHALL RD/DAVIS ST                | 1                     | 949             | 1                     | 127                        | 1997  | \$129,600.00   |  |
| 21 93       | VACA VALLEY PKWY/AKERLY WAY (E)     | 2                     | 852             | 1                     | 223                        | 1998  | \$144,000.00   |  |
| 22 55       | ALAMO DR/VANDEN RD                  | 2                     | 1297            | 1                     | 127                        | 2001  | \$144,000.00   |  |
| 23 94       | VACA VALLEY PKWY/LEISURE TOWN RD    | 2                     | 1190            | 1                     | 274                        | 2001  | \$144,000.00   |  |
| 24 46       | VANDEN RD/FOXBORO PKWY              | 1                     | 955             | 1                     | 536                        | 2002  | \$129,600.00   |  |
| 25 45       | NUT TREE RD/FOXBORO PKWY            | 1                     | 1081            | 1                     | 1119                       | 2002  | \$129,600.00   |  |
| 26 56       | ALAMO DR/LEISURE TOWN RD            | 2                     | 989             | 1                     | 275                        | 2004  | \$144,000.00   |  |
| 27 42       | CALIFORNIA DR/MARSHALL RD           | 2                     | 1138            | 1                     | 189                        | 2005  | \$144,000.00   |  |
| 28          | CHERY GLEN/CALIFORNIA DR.           | 1                     | 748             | 1                     | 395                        | 2005  | \$129,600.00   |  |
| 29 69       | ELMIRA RD/LEISURE TOWN RD           | 2                     | 1182            | 1                     | 626                        | 2006  | \$144,000.00   |  |
| 30 71       | BURTON DR/ULATIS DR                 | 2                     | 976             | 1                     | 190                        | 2007  | \$144,000.00   |  |
| 31 90       | VACA VALLEY PKWY/BROWNS VALLEY PK   | 2                     | 1094            | 1                     | 325                        | 2009  | \$144,000.00   |  |
| GRAND TOTAL |                                     |                       |                 |                       |                            |       | \$4,046,400.00 |  |

OHH III  
04/16/92

TRAFFIC IMPACT FEES

TRAFFIC SIGNAL MODIFICATIONS ~~UPGRADE~~  
SUMMARY

| SIG. NO.    | LOCATIONS                                | EXISTING        |                 | MS&I ULTIMATE   |                 | MS&I NO. | MS&I PROJECT                 | YEAR FUNDING IN PLACE | ESTIMATED COST '92 DOLLARS |
|-------------|--|-----------------|-----------------|-----------------|-----------------|----------|------------------------------|-----------------------|----------------------------|
|             |  | MAJOR ST. LANES | MINOR ST. LANES | MAJOR ST. LANES | MINOR ST. LANES |          |                              |                       |                            |
| 1 83        | ALLISON DR/MONTE VISTA AVE               | 2               | 2               | 6               | 2               | 8        | ALLISON OC                   | 1995                  | \$144,000.00               |
| 2 26        | PEABODY RD/CMF ENTERANCE                 | 2               | 1               | 3               | 1               | 26       | PEABODY RD S OF ALAMO        | 1996                  | \$115,200.00               |
| 3 25        | PEABODY RD/FOXBORO DR                    | 2               | 1               | 3               | 1               | 26       | PEABODY RD S OF ALAMO        | 1996                  | \$115,200.00               |
| 4 23        | PEABODY RD/ALAMO DR                      | 2               | 2               | 3               | 2               | 26       | PEABODY RD S OF ALAMO        | 1996                  | \$144,000.00               |
| 5 80        | LEISURE TOWN RD/ORANGE DR                | 1               | 2               | 2               | 2               | 27A      | LT RD H.C TO SEQUOIA         | 2001                  | \$115,200.00               |
| 6 85        | E.MONTE VISTA/NUT TREE OC                | 2               | 1               | 2               | 2               | 13       | NUT TREE OC                  | 2003                  | \$115,200.00               |
| 7 106       | BROWNS VALLEY PKWY/BROWN ST              | 1               | 1               | 2               | 1               | 22       | BV PKWY - EMV TO BROWN       | 2004                  | \$86,400.00                |
| 8 107       | ALLISON DR/BROWNS VALLEY PKWY            | 2               | 2               | 2               | 2               | 22       | BV PKWY - EMV TO BROWN       | 2004                  | \$144,000.00               |
| 9 112       | PEABODY RD/CALIFORNIA DR                 | 2               | 1               | 3               | 2               | 25B      | CA DR EXT. & WIDENING        | 2005                  | \$115,200.00               |
| 10 18       | ELMIRA RD/SHASTA DR                      | 2               | 1               | 2               | 1               | 15       | ELMIRA RD-PEABODY TO ALLISON | 2005                  | \$115,200.00               |
| 11          | VACA VALLEY PKWY/ALLISON DR.             | 1               | 1               | 2               | 1               | 18A      | VV PKWY - BV TO LT           | 2008                  | \$86,400.00                |
| 12 92       | VACA VALLEY PKWY/AKERLY WAY (W)          | 1               | 1               | 2               | 1               | 18A      | VV PKWY - BV TO LT           | 2008                  | \$86,400.00                |
| 13 93       | VACA VALLEY PKWY/AKERLY WAY (E)          | 1               | 1               | 2               | 1               | 18A      | VV PKWY - BV TO LT           | 2008                  | \$115,200.00               |
| 14 38       | VACA VALLEY PKWY/CROKER DR/E.MONTE VISTA | 1               | 1               | 2               | 1               | 18A      | VV PKWY - BV TO LT           | 2008                  | \$86,400.00                |
| 15 75       | I-505/I-80/ORANGE DR                     | 1               | 2               | 3               | 2               | 11A      | ORANDE DR-NT TO LAWERANCE    | 2008                  | \$115,200.00               |
| 16 70       | ALLISON DR/ULATIS DR                     | 2               | 2               | 3               | 2               | 20       | BV PKWY - EMV TO BROWN       | 2009                  | \$144,000.00               |
| 17 74       | ALLISON DR/NUT TREE RD                   | 2               | 2               | 3               | 2               | 20       | ALLISON I-80 TO ELMIRA       | 2009                  | \$144,000.00               |
| GRAND TOTAL |  |                 |                 |                 |                 |          |                              |                       | \$1,987,200.00             |

CONSTRUCTION ESTIMATES

|                                | 2/2 TO 2/2   | 2/1 TO 2/1   | 1/1 TO 1/1  | 1995 | 1996         | 2001         | 2003         | 2004         | 2005         | 2008         | 2009           |
|--------------------------------|--------------|--------------|-------------|------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|
| SIGNAL MODIFICATION COST       | \$100,000.00 | \$80,000.00  | \$60,000.00 |      | \$374,400.00 |              |              |              |              |              |                |
| DESIGN CONT. 10%               | \$10,000.00  | \$8,000.00   | \$6,000.00  |      |              | \$115,200.00 |              |              |              |              |                |
| DESIGN ENGRNG. 10%             | \$10,000.00  | \$8,000.00   | \$6,000.00  |      |              |              | \$115,200.00 |              |              |              |                |
| CONSTR. ENGRNG. 10%            | \$10,000.00  | \$8,000.00   | \$6,000.00  |      |              |              |              | \$230,400.00 |              |              |                |
| CONSTR. CONTIN. 10%            | \$10,000.00  | \$8,000.00   | \$6,000.00  |      |              |              |              |              | \$230,400.00 |              |                |
| DESIGN & CONSTR. MANAGEMENT 4% | \$4,000.00   | \$3,200.00   | \$2,400.00  |      |              |              |              |              |              | \$489,600.00 |                |
| GRAND TOTAL                    | \$144,000.00 | \$115,200.00 | \$86,400.00 |      |              |              |              |              |              | \$288,000.00 |                |
| SUBTOTALS                      |              |              |             |      |              |              |              |              |              |              | \$1,987,200.00 |

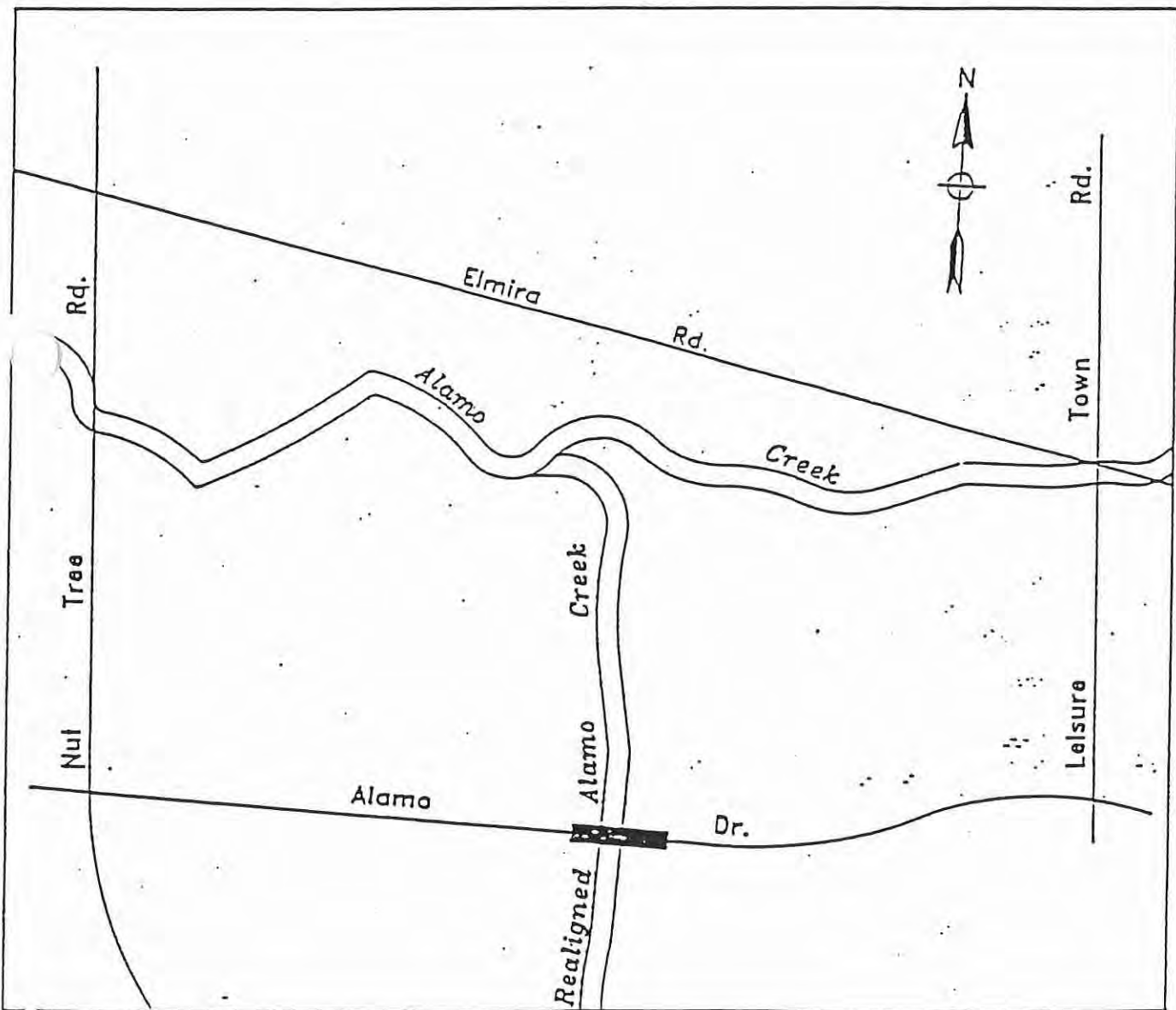


# TRAFFIC IMPACT FEE

PROJECT #28-ALAMO DR. AT ALAMO CREEK

SCOPE: REPLACE BRIDGE STRUCTURE

JULY 1992



BUDGET (1992 DOLLARS): \$1,009,800.00

YEAR OF PROPOSED CONSTRUCTION: 1992

PUBLIC FACILITIES IMPACT FEES

Jan-92

BRIDGE WIDENING

LOCATION: ALAMO DR. - NEW ALAMO CREEK  
EAST OF NUT TREE ROAD

| ITEM                           | DESCRIPTION                    | QTY.   | UNIT | PRICE     | TOTAL      |
|--------------------------------|--------------------------------|--------|------|-----------|------------|
| 1                              | CONSTRUCTION AREA SIGNS        | 1      | LS   | 4,000.00  | 4,000.00   |
| 2                              | TRAFFIC CONTROL SYSTEM         | 1      | LS   | 8,000.00  | 8,000.00   |
| 3                              | CLEARING & GRUBBING            | 1      | LS   | 4,000.00  | 4,000.00   |
| 4                              | MOBILIZATION                   | 1      | LS   | 62,000.00 | 62,000.00  |
| 5                              | BRIDGE WIDENING                | 3,300  | SF   | 150.00    | 495,000.00 |
| 6                              | MEDIAN ISLAND COBBLES          | 0      | SF   | 7.00      | 0.00       |
| 7                              | UTILITY MODIFICATIONS          | 1      | LS   | 10,000.00 | 10,000.00  |
| 8                              | ROADWAY APPROACH MODIFICATIONS | 4,925  | SF   | 6.00      | 29,550.00  |
| 9                              | TRAFFIC SIGNING & STRIPING     | 1      | LS   | 2,000.00  | 2,000.00   |
| 10                             | CHANNEL IMPROVEMENTS           | 30,000 | CF   | 2.00      | 60,000.00  |
| 11                             | FENCING                        | 450    | LF   | 9.00      | 4,050.00   |
|                                |                                |        |      | SUB-TOTAL | 678,600.00 |
| DESIGN CONTINGENCY (10%)       |                                |        |      |           | 68,000.00  |
|                                |                                |        |      | SUB-TOTAL | 746,600.00 |
| DESIGN ENGINEERING (10%)       |                                |        |      |           | 75,000.00  |
| CONSTRUCTION ENGINEERING (10%) |                                |        |      |           | 75,000.00  |
| CONSTRUCTION CONTINGENCY (10%) |                                |        |      |           | 75,000.00  |
| R-O-W LAND COST                |                                |        |      |           | 0.00       |
| R-O-W APR./ACQ. COSTS          |                                |        |      |           | 0.00       |
|                                |                                |        |      | TOTAL     | 971,600.00 |

USE \$972,000.00 FOR TOTAL COSTS

4% ENGINEERING ADMIN. \$38,880.00

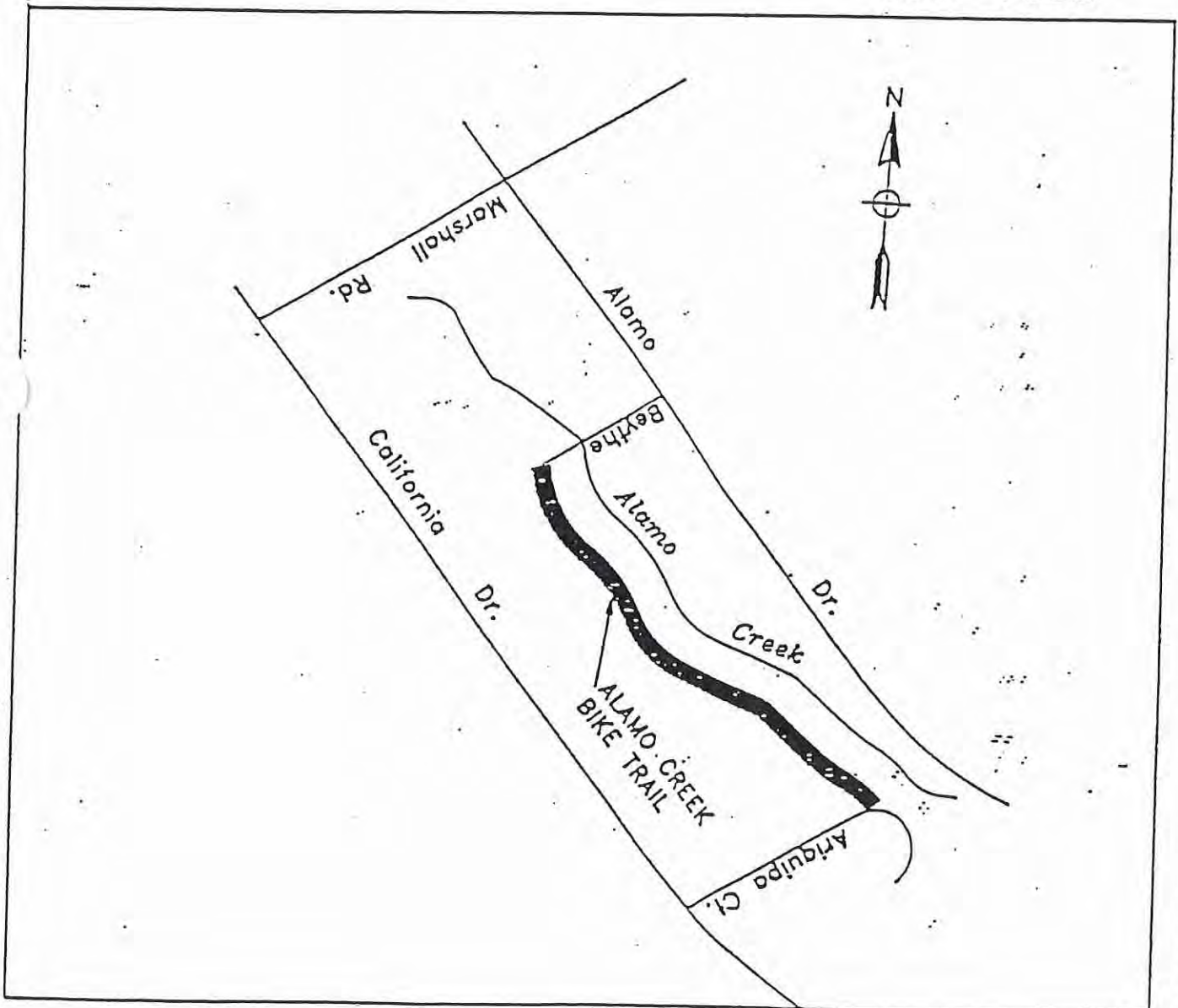
1992 TOTAL COST \$1,009,800.00

# TRAFFIC IMPACT FEE

PROJECT #29-ALAMO CREEK TRAIL #1

SCOPE: CONSTRUCTION OF ALAMO CREEK BIKE TRAIL #1

JULY 1992



BUDGET (1992 DOLLARS): \$330,000.00

YEAR OF PROPOSED CONSTRUCTION: 1995

**BIKE TRAIL PROJECT #1**

**ALAMO CREEK BIKE TRAIL**

LOCATION: Peabody Road to Alamo Drive

| <u>ITEM</u> | <u>DESCRIPTION</u>           | <u>QUANTITY/UNIT</u> | <u>PRICE</u>              | <u>TOTAL</u>     |
|-------------|------------------------------|----------------------|---------------------------|------------------|
| 1.          | Clear and grub               | 1.2 ac.              | 4,200                     | \$ 5,045         |
| 2.          | Mobilization                 | 1 l.s.               | 10,000                    | 10,000           |
| 3.          | 3" ac. on 6" ab. & ro. grade | 51,000 s.f.          | 4                         | 204,200          |
| 4.          | Striping                     | 5,100 l.f.           | 2                         | 10,200           |
| 5.          | Benches                      | 2 ea.                | 300                       | 600              |
| 6.          | Trash receptacles            | 3 ea.                | 300                       | 900              |
| 7.          | Bike trail signs             | 3 ea.                | 200                       | 600              |
| 8.          | Regulatory signs             | 5 ea.                | 150                       | 750              |
| 9.          | Vehicle barriers             | 1 l.s.               | 500                       | 500              |
| 10.         | Hydroseed                    | 43,560 s.f.          | .05                       | 2,178            |
|             |                              |                      | <b>SUBTOTAL</b>           | <b>\$234,973</b> |
|             |                              |                      | DESIGN CONTINGENCY 5%     | 11,749           |
|             |                              |                      | <b>SUBTOTAL</b>           | <b>\$246,722</b> |
|             |                              |                      | DESIGN ENGINEERING 10%    | 24,672           |
|             |                              |                      | CONST. ENGINEERING 10%    | 24,672           |
|             |                              |                      | COMM. SERV. MSTR. PLAN 5% | 12,336           |
|             |                              |                      | CONST. CONTINGENCY 10%    | 24,672           |
|             |                              |                      | <b>TOTAL</b>              | <b>\$333,074</b> |

**ASSUMPTIONS:**

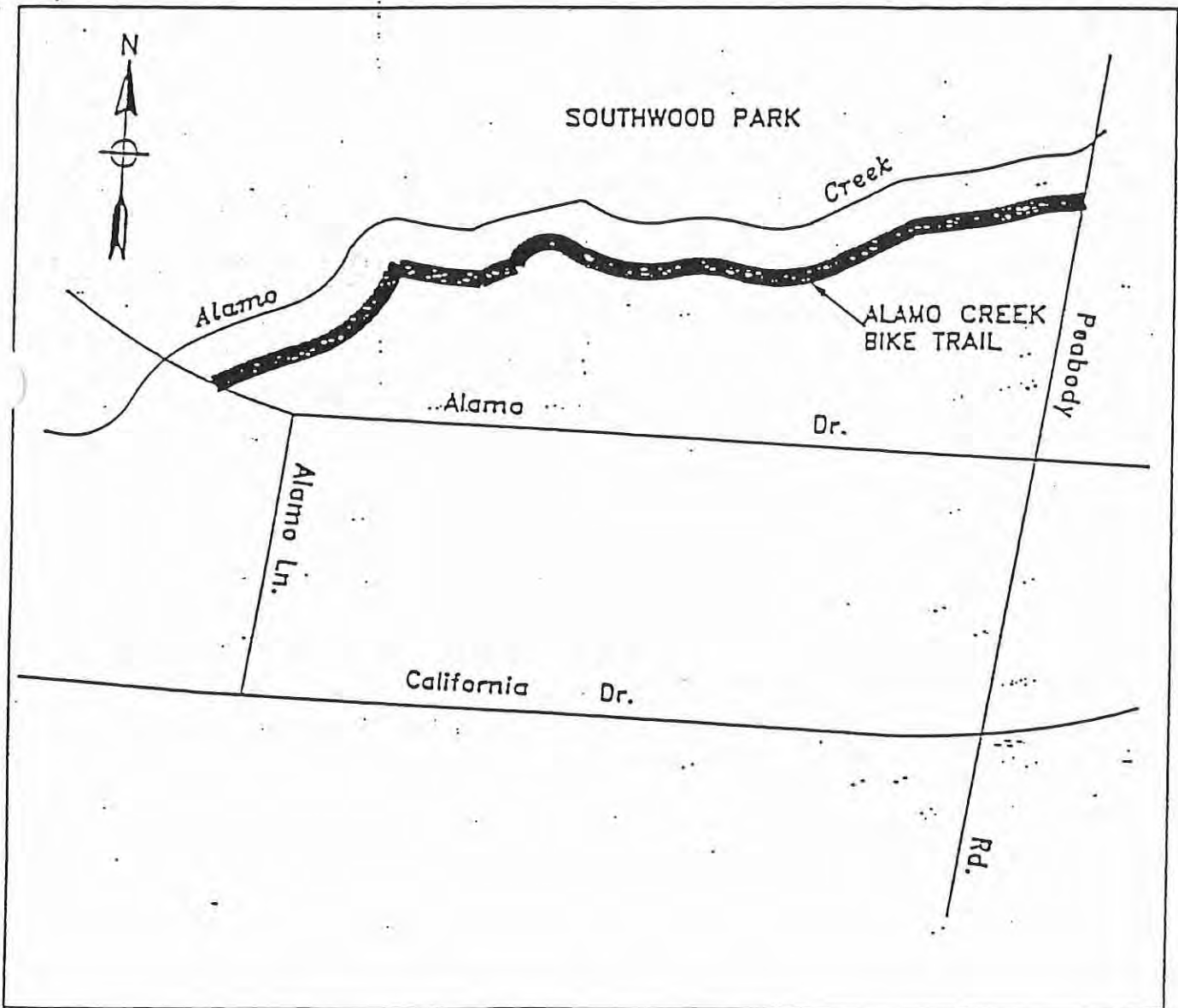
1. Trail follows 40' wide creek setback parallel to Alamo Creek.
2. Trail is a fill-in section between existing improvements.
3. Unacquired right-of-way from railroad right-of-way to Christian Academy will be dedicated to the City with adjacent development.

# TRAFFIC IMPACT FEE

PROJECT #30-ALAMO CREEK BIKE TRAIL #2

SCOPE: CONSTRUCTION OF ALAMO CREEK BIKE TRAIL #2

JULY 1992



BUDGET (1992 DOLLARS): \$68,000.00

YEAR OF PROPOSED CONSTRUCTION: 1996

**BIKE TRAIL PROJECT #2**

**ALAMO CREEK BIKE TRAIL**

LOCATION: Dundee Court to Beyth Lane

| <u>ITEM</u> | <u>DESCRIPTION</u>           | <u>QUANTITY/UNIT</u> | <u>PRICE</u>              | <u>TOTAL</u>    |
|-------------|------------------------------|----------------------|---------------------------|-----------------|
| 1.          | Clear and grub               | .21 ac.              | 4,200                     | 882             |
| 2.          | Mobilization                 | 1 l.s.               | 5,000                     | 5,000           |
| 3.          | 3" ac. on 6" ab. & ro. grade | 9,000 s.f.           | 4                         | 36,000          |
| 4.          | Striping                     | 900 l.f.             | 2                         | 1,800           |
| 5.          | Benches                      | 2 ea.                | 300                       | 600             |
| 6.          | Picnic tables                | 4 ea.                | 350                       | 1,400           |
| 7.          | Trash receptacles            | 2 ea.                | 300                       | 600             |
| 8.          | Bike trail signs             | 2 ea.                | 200                       | 400             |
| 9.          | Regulatory signs             | 4 ea.                | 150                       | 600             |
| 10.         | Vehicle barriers             | 1 l.s.               | 1,000                     | 1,000           |
|             |                              |                      | <b>SUBTOTAL</b>           | <b>\$48,282</b> |
|             |                              |                      | DESIGN CONTINGENCY 5%     | 2,414           |
|             |                              |                      | <b>SUBTOTAL</b>           | <b>\$50,696</b> |
|             |                              |                      | DESIGN ENGINEERING 10%    | 5,070           |
|             |                              |                      | CONST. ENGINEERING 10%    | 5,070           |
|             |                              |                      | COMM. SERV. MSTR. PLAN 5% | 2,535           |
|             |                              |                      | CONST. CONTINGENCY 10%    | 5,070           |
|             |                              |                      | <b>TOTAL</b>              | <b>\$68,441</b> |

**ASSUMPTIONS:**

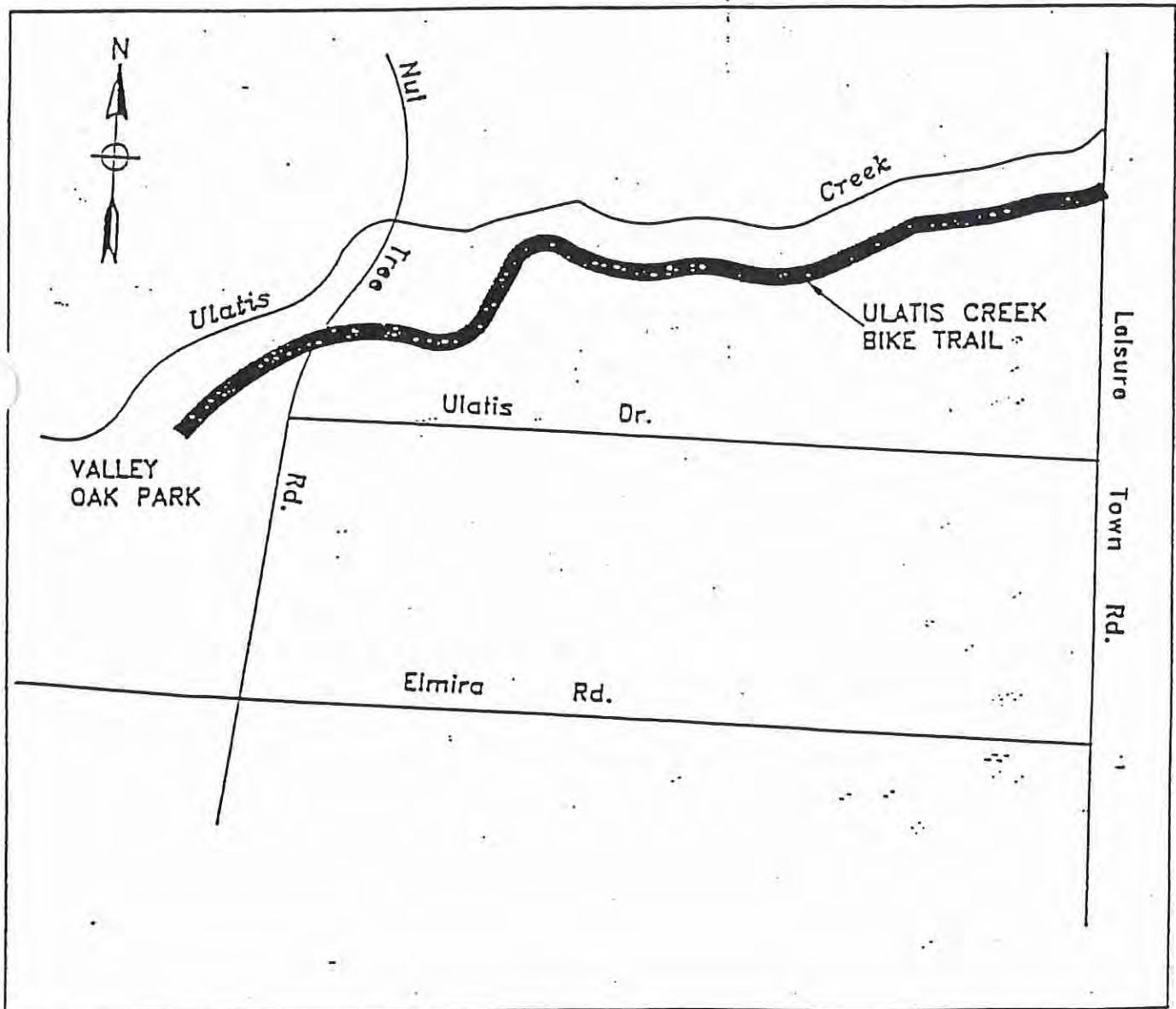
1. Trail follows a 15' to 20' wide creek setback parallel to Alamo Creek.
2. Site furniture to be installed in bike rest area dedicated to City adjacent to Ariquepa Court.
3. Trail is a fill-in section between existing improvements.

# TRAFFIC IMPACT FEE

PROJECT #31-ULATIS BIKE TRAIL #1

SCOPE: CONSTRUCTION OF ULATIS CREEK BIKE TRAIL #1

JULY 1992



BUDGET (1992 DOLLARS): \$400,000.00

YEAR OF PROPOSED CONSTRUCTION: 2001

## BIKE TRAIL PROJECT #4

### ULATIS CREEK BIKE TRAIL

LOCATION: From Valley Oak Park to Allison Drive and Allison Drive to the existing bike trail at the Quail Run Apartments. A bridge connection from the Cultural Center at Putah South Canal across Ulatis Creek

| <u>ITEM</u> | <u>DESCRIPTION</u>                      | <u>QUANTITY/UNIT</u> | <u>PRICE</u>              | <u>TOTAL</u>     |
|-------------|---|----------------------|---------------------------|------------------|
| 1.          | Clear and grub                          | 3.1 ac.              | 4,200                     | \$ 13,020        |
| 2.          | Mobilization                            | 1 l.s.               | 8,000                     | 8,000            |
| 3.          | 3" ac. on 6" ab. & ro. grade            | 34,000 s.f.          | 4                         | 136,000          |
| 4.          | Security Lights                         | 3 ea.                | 1,500                     | 4,500            |
| 5.          | Light conduit                           | 600 l.f.             | 12                        | 7,200            |
| 6.          | Pre-fab bridge (100' span)              | 1 l.s.               | 95,000                    | 95,000           |
| 7.          | Striping                                | 3,400 l.f.           | 2                         | 6,800            |
| 8.          | Hydroseeding                            | 43,560 s.f.          | .05                       | 2,178            |
| 9.          | Drinking fountain/potable water service | 1 l.s.               | 3,000                     | 3,000            |
| 10.         | Benches                                 | 4 ea.                | 300                       | 1,200            |
| 11.         | Picnic tables                           | 4 ea.                | 350                       | 1,400            |
| 12.         | Trash receptacles                       | 3 ea.                | 300                       | 900              |
| 13.         | Bike trail signs                        | 4 ea.                | 200                       | 800              |
| 14.         | Regulatory signs                        | 5 ea.                | 150                       | 750              |
| 15.         | Vehicle barriers                        | 1 l.s.               | 500                       | 500              |
|             |   |                      | <b>SUBTOTAL</b>           | <b>\$281,248</b> |
|             |   |                      | DESIGN CONTINGENCY 5%     | 14,062           |
|             |   |                      | <b>SUBTOTAL</b>           | <b>\$295,310</b> |
|             |   |                      | DESIGN ENGINEERING 10%    | 29,531           |
|             |   |                      | CONST. ENGINEERING 10%    | 29,531           |
|             |   |                      | COMM. SERV. MSTR. PLAN 5% | 14,766           |
|             |   |                      | CONST. CONTINGENCY 10%    | 29,531           |
|             |   |                      | <b>TOTAL</b>              | <b>\$398,669</b> |

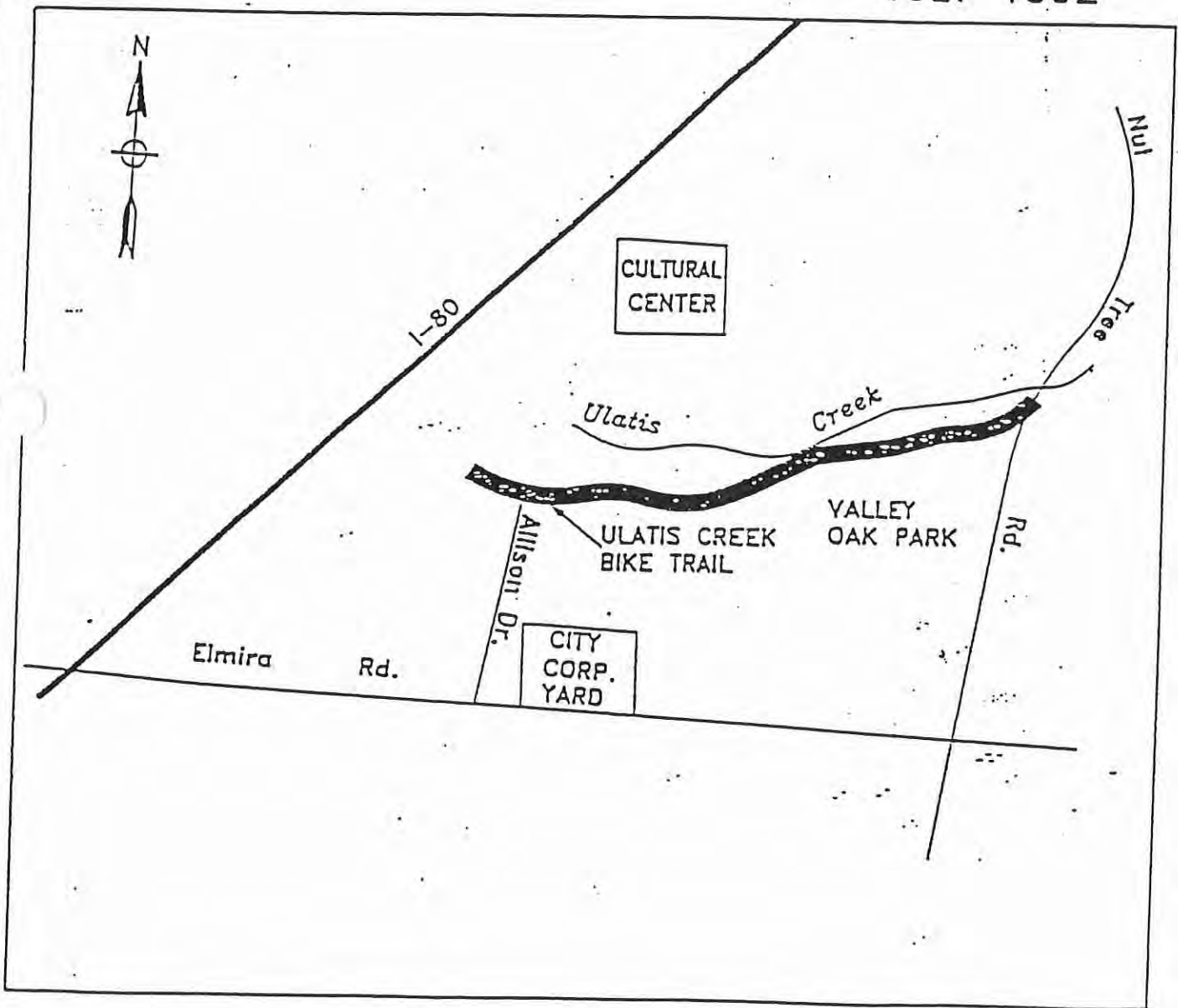


# TRAFFIC IMPACT FEE

PROJECT #32-ULATIS BIKE TRAIL #2

SCOPE: CONSTRUCTION OF ULATIS CREEK BIKE TRAIL #2

JULY 1992



BUDGET (1992 DOLLARS): \$630,000.00

YEAR OF PROPOSED CONSTRUCTION: 2003

## BIKE TRAIL PROJECT #5

### ULATIS CREEK BIKE TRAIL

LOCATION: Leisuretown Road to Valley Oak Park

| <u>ITEM</u> | <u>DESCRIPTION</u>                | <u>QUANTITY/UNIT</u> | <u>PRICE</u>              | <u>TOTAL</u>     |
|-------------|-----------------------------------|----------------------|---------------------------|------------------|
| 1.          | Clear and grub                    |                      |                           |                  |
| 2.          | Mobilization                      | 1 l.s.               | 10,000                    | \$ 10,000        |
| 3.          | 3" ac. on 6" ab. & ro. grade      | 72,000 s.f.          | 4                         | 288,000          |
| 4.          | Striping                          | 7,200 l.f.           | 2                         | 14,400           |
| 5.          | Plant trees                       | 35 ea.               | 75                        | 2,625            |
| 6.          | Plant shrubs                      | 250 ea.              | 12                        | 3,000            |
| 7.          | Irrigation (drip)                 | 80,000 s.f.          | .50                       | 40,000           |
| 8.          | Chainlink fence (6')              | 5,100 l.f.           | 15                        | 76,500           |
| 9.          | Hydroseed                         | 43,560 s.f.          | .05                       | 2,178            |
| 10.         | Benches                           | 2 ea.                | 300                       | 600              |
| 11.         | Picnic tables                     | 2 ea.                | 350                       | 700              |
| 12.         | Trash receptacles                 | 2 ea.                | 300                       | 600              |
| 13.         | Bike trail signs                  | 5 ea.                | 200                       | 1,000            |
| 14.         | Regulatory signs                  | 15 ea.               | 150                       | 2,250            |
| 15.         | Vehicle barriers                  | 1 l.s.               | 1,000                     | 1,000            |
| 16.         | Drinking fountain & water service | 1 l.s.               | 2,100                     | 2,100            |
|             |                                   |                      | <b>SUBTOTAL</b>           | <b>\$444,953</b> |
|             |                                   |                      | DESIGN CONTINGENCY 5%     | 22,248           |
|             |                                   |                      | <b>SUBTOTAL</b>           | <b>\$467,201</b> |
|             |                                   |                      | DESIGN ENGINEERING 10%    | 46,720           |
|             |                                   |                      | CONST. ENGINEERING 10%    | 46,720           |
|             |                                   |                      | COMM. SERV. MSTR. PLAN 5% | 23,360           |
|             |                                   |                      | CONST. CONTINGENCY 10%    | 46,720           |
|             |                                   |                      | <b>TOTAL</b>              | <b>\$630,721</b> |

### ASSUMPTIONS:

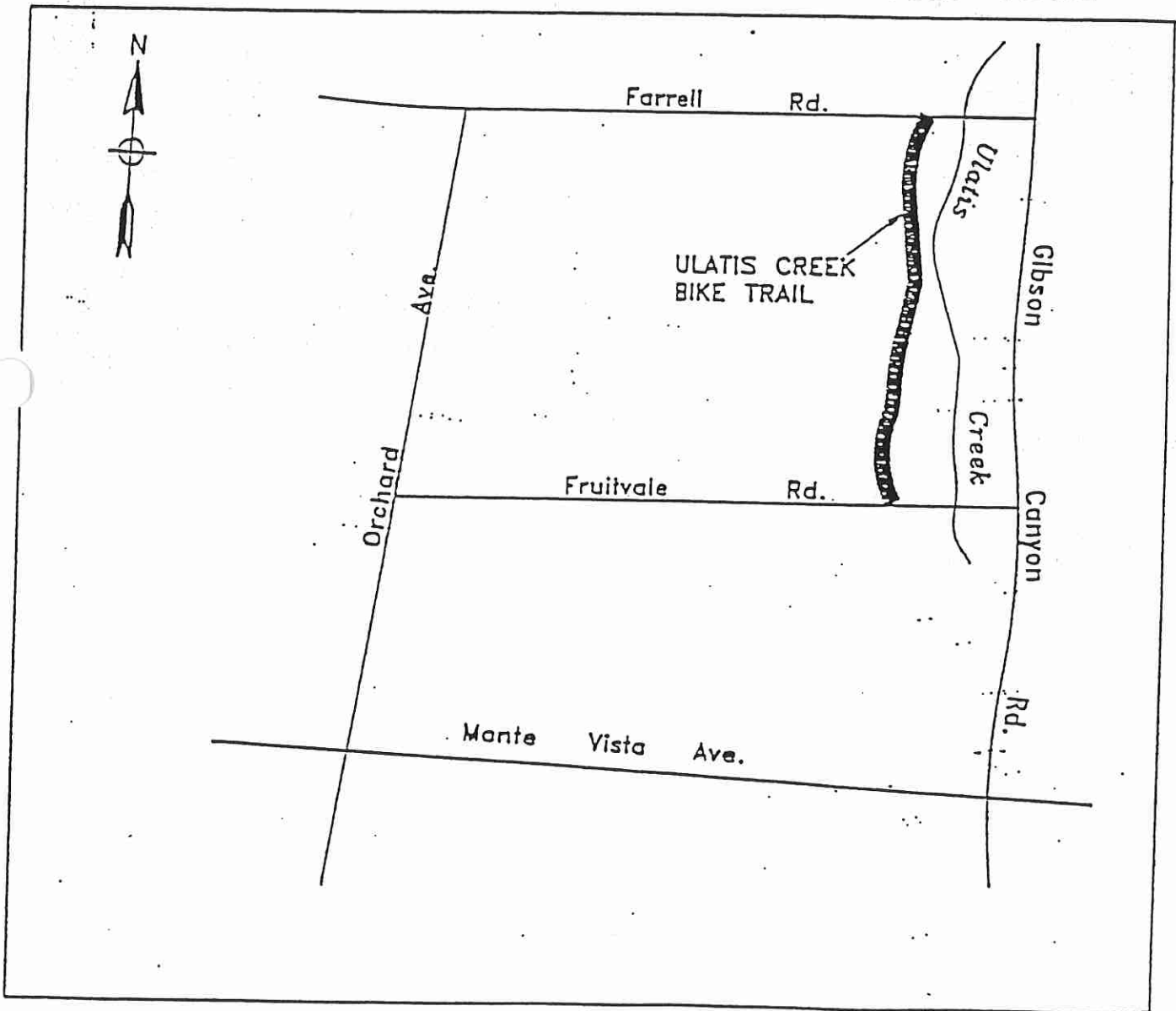
1. A bike rest with landscape will be established on Public right-of-way between Nut Tree Road and Ulatis Creek from Nut Tree/Ulatis Creek bridge to Ulatis Drive.
2. That portion of the trail from Nut Tree road to Leisuretown Road, contiguous to Ulatis Creek channel will require 6' chain link fence separate the public from the county maintained channel.
3. Trail 10' wide with 2' gravel aprons.
4. Trail to link up with two existing asphalt paths at Ulatis Drive and Valley Oak Park.

# TRAFFIC IMPACT FEE

PROJECT #33 - ULATIS BIKE TRAIL #3

SCOPE: CONSTRUCTION OF ULATIS CREEK BIKE TRAIL #3

JULY 1992



BUDGET (1992 DOLLARS): \$295,000.00

YEAR OF PROPOSED CONSTRUCTION: 2005

**BIKE TRAIL PROJECT #6**

**ULATIS CREEK BIKE TRAIL**

LOCATION: Fruitvale Road to Farrell Road, parallel to the west side of Ulatis Creek.

| <u>ITEM</u> | <u>DESCRIPTION</u>           | <u>QUANTITY/UNIT</u> | <u>PRICE</u>              | <u>TOTAL</u>     |
|-------------|------------------------------|----------------------|---------------------------|------------------|
| 1.          | Clear and grub               | 3.9 ac.              | 4,200                     | \$ 16,380        |
| 2.          | Mobilization                 | 1 l.s.               | 8,000                     | 8,000            |
| 3.          | 3" ac. on 6" ab. & ro. grade | 42,500 s.f.          | 4                         | 170,000          |
| 4.          | Striping                     | 4,250 l.f.           | 2                         | 8,500            |
| 5.          | Hydroseeding                 | 87,120 s.f.          | .05                       | 4,356            |
| 6.          | Bike trail signs             | 2 ea.                | 200                       | 400              |
| 7.          | Regulatory signs             | 4 ea.                | 150                       | .600             |
| 8.          | Vehicle barriers             | 1 l.s.               | 500                       | 500              |
|             |                              |                      | <b>SUBTOTAL</b>           | <b>\$208,736</b> |
|             |                              |                      | DESIGN CONTINGENCY 5%     | 10,437           |
|             |                              |                      | <b>SUBTOTAL</b>           | <b>\$219,173</b> |
|             |                              |                      | DESIGN ENGINEERING 10%    | 21,917           |
|             |                              |                      | CONST. ENGINEERING 10%    | 21,917           |
|             |                              |                      | COMM. SERV. MSTR. PLAN 5% | 10,959           |
|             |                              |                      | CONST. CONTINGENCY 10%    | 21,917           |
|             |                              |                      | <b>TOTAL</b>              | <b>\$295,883</b> |

**ASSUMPTIONS:**

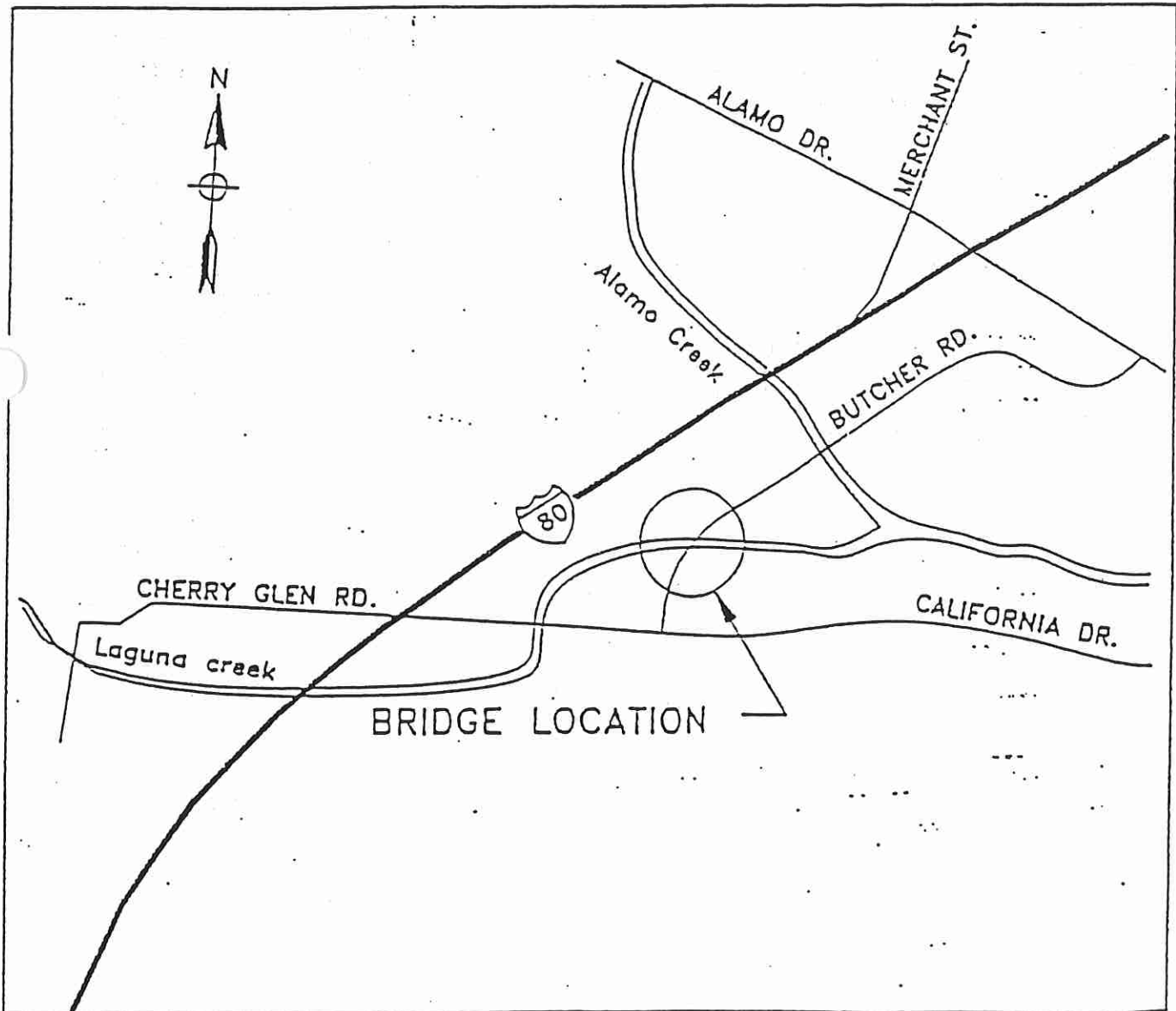
1. Trail follows a 40' wide creek setback.
2. No bike rest designated for this area.

# TRAFFIC IMPACT FEE

PROJECT #34 - BUTCHER RD. AT LAGUNA CREEK

SCOPE: CONSTRUCTION OF BRIDGE STRUCTURE

JULY 1992



BUDGET (1992 DOLLARS): \$954,700.00

YEAR OF PROPOSED CONSTRUCTION: 2005

PUBLIC FACILITIES IMPACT FEES

Jan-92

BRIDGE CONSTRUCTION

LOCATION: BUTCHER ROAD  
 @ LAGUNA CREEK N.E. OF  
 CALIFORNIA DRIVE.

| ITEM | DESCRIPTION                    | QTY.   | UNIT | PRICE     | TOTAL      |
|------|--------------------------------|--------|------|-----------|------------|
| 1    | CONSTRUCTION AREA SIGNS        | 1      | LS   | 4,000.00  | 4,000.00   |
| 2    | TRAFFIC CONTROL SYSTEM         | 1      | LS   | 8,000.00  | 8,000.00   |
| 3    | CLEARING & GRUBBING            | 1      | LS   | 10,000.00 | 10,000.00  |
| 4    | MOBILIZATION                   | 1      | LS   | 57,000.00 | 57,000.00  |
| 5    | BRIDGE CONSTRUCTION            | 7,600  | SF   | 60.00     | 456,000.00 |
| 6    | MEDIAN ISLAND COBBLES          | 400    | SF   | 7.00      | 2,800.00   |
| 7    | UTILITY MODIFICATIONS          | 1      | LS   | 15,000.00 | 15,000.00  |
| 8    | ROADWAY APPROACH MODIFICATIONS | 7,600  | SF   | 4.50      | 34,200.00  |
| 9    | TRAFFIC SIGNING & STRIPING     | 1      | LS   | 8,000.00  | 8,000.00   |
| 10   | CHANNEL IMPROVEMENTS           | 18,000 | CF   | 1.75      | 31,500.00  |
| 11   | FENCING                        | 480    | LF   | 9.00      | 4,320.00   |
| 12   | REMOVE EXISTING BRIDGE         | 0      | LS   | 12,000.00 | 0.00       |

|  |                                |  |  |           |            |
|--|--------------------------------|--|--|-----------|------------|
|  |                                |  |  | SUB-TOTAL | 630,820.00 |
|  | DESIGN CONTINGENCY (10%)       |  |  |           | 63,000.00  |
|  |                                |  |  | SUB-TOTAL | 693,820.00 |
|  | DESIGN ENGINEERING (10%)       |  |  |           | 69,000.00  |
|  | CONSTRUCTION ENGINEERING (10%) |  |  |           | 69,000.00  |
|  | CONSTRUCTION CONTINGENCY (10%) |  |  |           | 69,000.00  |
|  | R-O-W LAND COST                |  |  |           | 14,000.00  |
|  | R-O-W APR./ACQ. COSTS          |  |  |           | 3,000.00   |
|  |                                |  |  | TOTAL     | 917,820.00 |

USE \$918,000.00 FOR TOTAL COSTS

4% ENGINEERING ADMIN. \$36,720.00

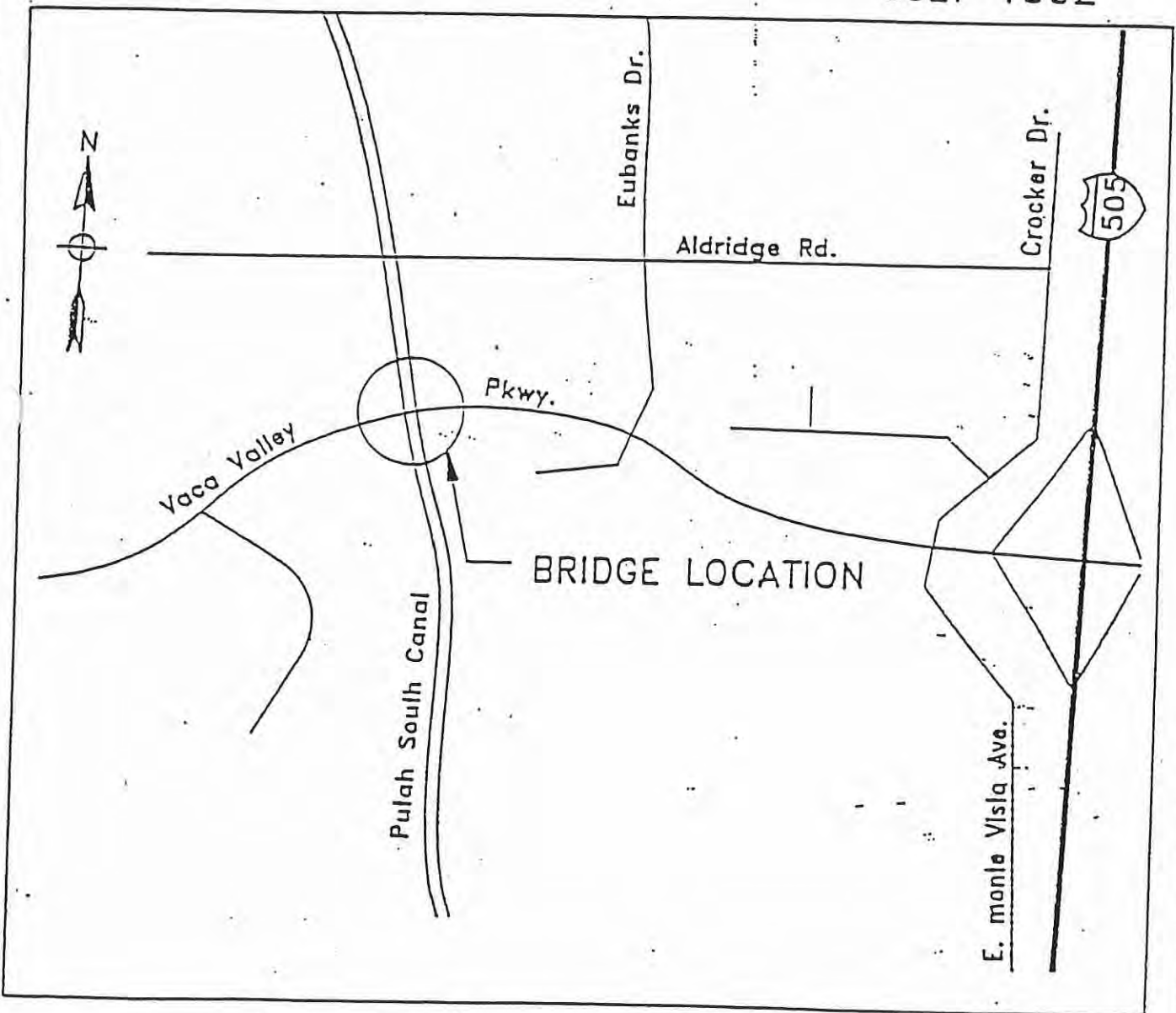
1992 TOTAL COST \$954,700.00

# TRAFFIC IMPACT FEE

PROJECT #35 - VACA VALLEY PKWY. AT PUTAH SOUTH CANAL

SCOPE: CONSTRUCTION OF BRIDGE STRUCTURE

JULY 1992



BUDGET (1992 DOLLARS): \$539,800.00

YEAR OF PROPOSED CONSTRUCTION: 2008

PUBLIC FACILITIES IMPACT FEES

Jan-92

BRIDGE WIDENING

LOCATION: VACA VALLEY PARKWAY  
@ PUTAH SOUTH CANAL

| ITEM                           | DESCRIPTION                    | QTY.  | UNIT | PRICE     | TOTAL      |
|--------------------------------|--------------------------------|-------|------|-----------|------------|
| 1                              | CONSTRUCTION AREA SIGNS        | 1     | LS   | 4,000.00  | 4,000.00   |
| 2                              | TRAFFIC CONTROL SYSTEM         | 1     | LS   | 8,000.00  | 8,000.00   |
| 3                              | CLEARING & GRUBBING            | 1     | LS   | 4,000.00  | 4,000.00   |
| 4                              | MOBILIZATION                   | 1     | LS   | 33,000.00 | 33,000.00  |
| 5                              | BRIDGE WIDENING                | 1,800 | SF   | 150.00    | 270,000.00 |
| 6                              | MEDIAN ISLAND COBBLES          | 200   | SF   | 7.00      | 1,400.00   |
| 7                              | UTILITY MODIFICATIONS          | 1     | LS   | 10,000.00 | 10,000.00  |
| 8                              | ROADWAY APPROACH MODIFICATIONS | 4,600 | SF   | 6.00      | 27,600.00  |
| 9                              | TRAFFIC SIGNING & STRIPING     | 1     | LS   | 2,000.00  | 2,000.00   |
| 10                             | CHANNEL IMPROVEMENTS           | N/A   | CF   | 2.00      | -----      |
| 11                             | FENCING                        | 380   | LF   | 9.00      | 3,420.00   |
|                                |                                |       |      | SUB-TOTAL | 363,420.00 |
| DESIGN CONTINGENCY (10%)       |                                |       |      |           | 36,000.00  |
|                                |                                |       |      | SUB-TOTAL | 399,420.00 |
| DESIGN ENGINEERING (10%)       |                                |       |      |           | 40,000.00  |
| CONSTRUCTION ENGINEERING (10%) |                                |       |      |           | 40,000.00  |
| CONSTRUCTION CONTINGENCY (10%) |                                |       |      |           | 40,000.00  |
| R-O-W LAND COST                |                                |       |      |           | 0.00       |
| R-O-W APR./ACQ. COSTS          |                                |       |      |           | 0.00       |
|                                |                                |       |      | TOTAL     | 519,420.00 |

USE \$519,000.00 FOR TOTAL COSTS

4% ENGINEERING ADMIN. \$20,760.00

1992 TOTAL COST \$539,800.00

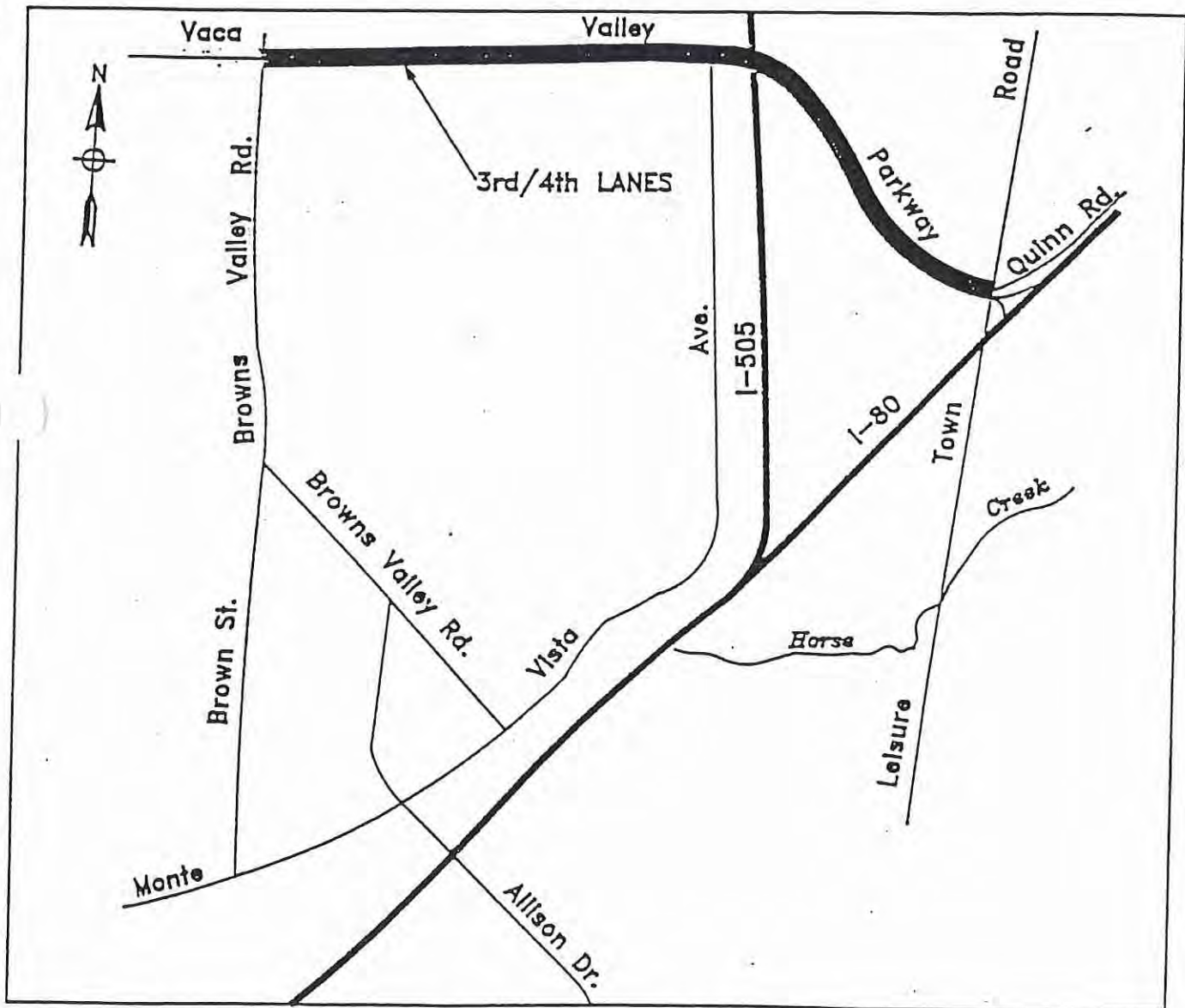


# DEVELOPMENT FUNDED PROJECTS

PROJECT #101—VACA VALLEY PKWY.—BROWNS VALLEY PKWY.  
TO LEISURE TOWN RD.

SCOPE: WIDEN VACA VALLEY PKWY. TO 4 LANES.

NOVEMBER 1992



BUDGET (1992 DOLLARS): \$6,481,885.00

DATE OF PROPOSED CONSTRUCTION: DEPENDANT ON DEVELOPMENT.

PROJECT 101  
 VACA VALLEY WIDENING (3/4 LANES)  
 BROWNS VALLEY TO LEISURE TOWN RD.

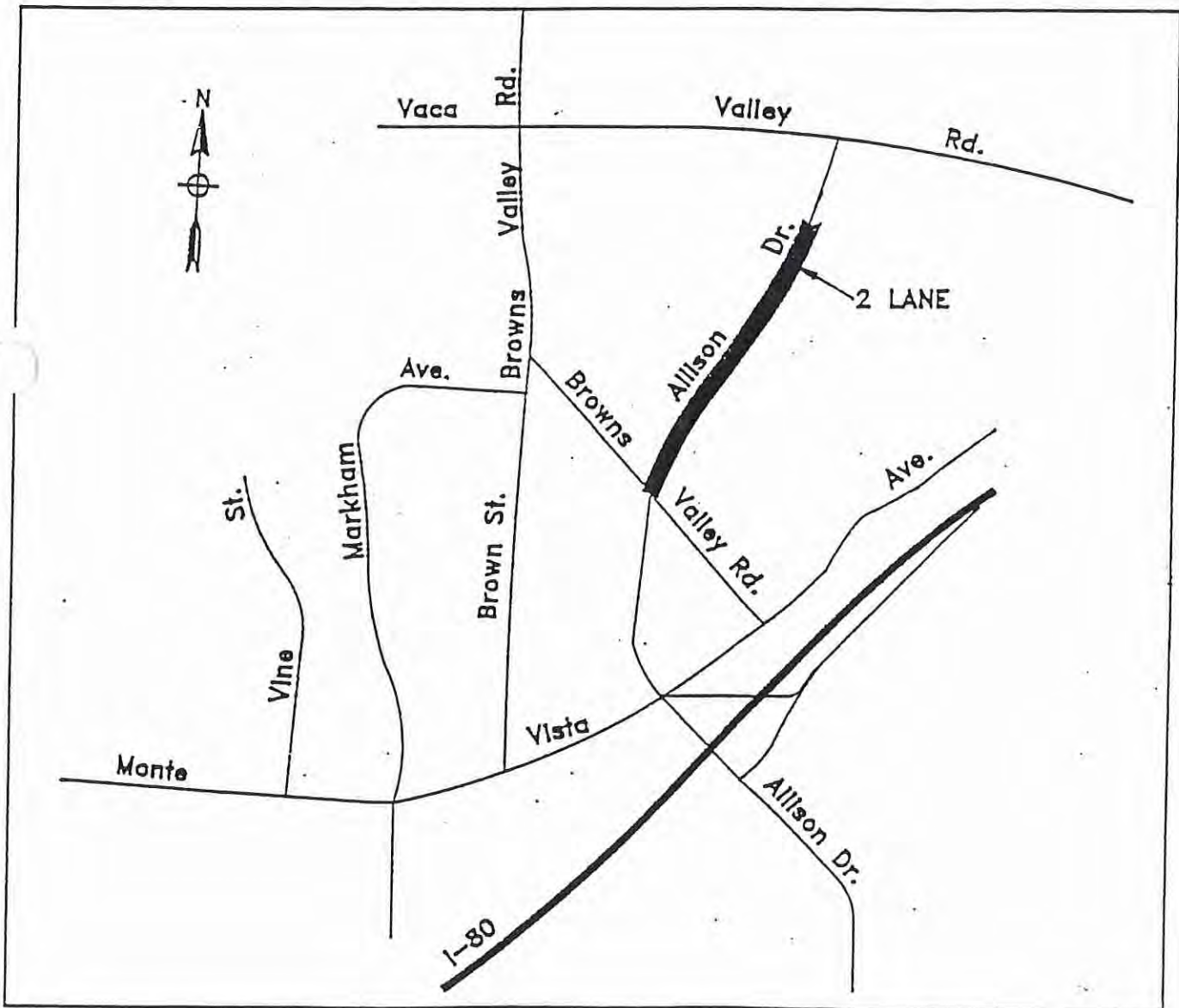
| ITEM               | DESCRIPTION               | QTY/UNIT  | PRICE      | TOTAL          |
|--------------------|---------------------------|-----------|------------|----------------|
| 1                  | CONSTRUCTION SIGNING      | 1 LS      | 5,000.00   | 5,000.00       |
| 2                  | CLEAR AND GRUBB           | 1 LS      | 100,000.00 | 100,000.00     |
| 3                  | TRAFFIC CONTROL           | 1 LS      | 10,000.00  | 10,000.00      |
| 4                  | ROADWAY EXCAVATION        | 37,752 CY | 7.00       | 264,264.00     |
| 5                  | TYPE B AC                 | 19,586 TN | 40.00      | 783,440.00     |
| 6                  | CLASS 2 AB                | 29,952 TN | 30.00      | 898,560.00     |
| 7                  | CONC. CUR AND GUTTER      | 21,060 LF | 10.50      | 221,130.00     |
| 8                  | SIGNING AND STRIPING      | 10,530 LF | 4.00       | 42,120.00      |
| 9                  | MEDIAN CURB               | 21,060 LF | 8.00       | 168,480.00     |
| 10                 | STREET LIGHT CONDUIT      | 10,530 LF | 3.50       | 36,855.00      |
| 11                 | DRAINAGE INLETS           | 105 EA    | 1,500.00   | 157,500.00     |
| 12                 | SIGNAL MODIFICATION       | 2 EA      | 80,000.00  | 160,000.00     |
| 13                 | LANDSCAPING               | 10,530 LF | 35.00      | 368,550.00     |
| 14                 | MANHOLES                  | 53 EA     | 2,000.00   | 106,000.00     |
| 15                 | BRIDGE WIDENING(PUTAH SO) | 6,800 SF  | 100.00     | 680,000.00     |
| 16                 | LUMINAIRES                | 52 EA     | 1,500.00   | 78,000.00      |
| 17                 | 12" STORM DRAIN           | 10,530 LF | 28.00      | 294,840.00     |
| SUB-TOTAL          |                           |           |            | 4,374,739.00   |
| DESIGN CONTIGENCY  |                           |           |            | \$437,473.90   |
| DESIGN ENGINEERING |                           |           |            | \$437,473.90   |
| CONST. ENGINEERING |                           |           |            | \$437,473.90   |
| CONST. CONTINGENCY |                           |           |            | \$437,473.90   |
| SUB-TOTAL          |                           |           |            | \$6,124,634.60 |
| +3%/YR FOR 1992    |                           |           |            | \$6,481,855.00 |

# DEVELOPMENT FUNDED PROJECTS

PROJECT #102—ALLISON DR.—BROWNS VALLEY PKWY.  
TO BUSINESS PARK.

SCOPE: 2 LANE EXTENSION OF ALLISON DR. FROM BROWNS VALLEY  
PKWY. TO IT'S TERMINOUS SOUTH OF VACA VALLEY PKWY.

NOVEMBER 1992



BUDGET (1992 DOLLARS): \$2,608,771.00

YEAR OF PROPOSED CONSTRUCTION: DEPENDANT ON DEVELOPMENT

PROJECT 102

10-17-90

Location: ALLISON DRIVE

From: Brown's Vly. Parkway to Limit of City Property.

Proposed Modification: Extend Allisn Dr. to Cty Prp. Lim

Lineal Feet: 3800 Single Lane each direction.

| ITEM | DESCRIPTION      | QTY./UNIT | PRICE     | TOTAL    |
|------|------------------|-----------|-----------|----------|
| 1.   | Clear & Grub     | 1 LS      | 20,000.00 | \$20,000 |
| 2.   | Roadway Ex.      | 10,790 CY | 10.00     | 107,903  |
| 3.   | CL 2 AB          | 12,151 CY | 30.00     | 364,525  |
| 4.   | Asphalt Concrete | 5,630 TN  | 40.00     | 225,185  |
| 5.   | Curb & Gutter    | 7,600 LF  | 10.50     | 79,800   |
| 6.   | Curb Inlt/18"RCP | 19 EA     | 2,500.00  | 47,500   |
| 7.   | Roadside Signs   | 1 LS      | 5,000.00  | 5,000    |
| 8.   | Paint Pvmt.Strps | 11,400 LF | 0.50      | 5,700    |
| 9.   | Pvmt. Markings   | 1 LS      | 5,000.00  | 5,000    |
| 0.   | Fill             | 8,137 CY  | 12.00     | 97,644   |
| 1.   | Drainage 18"SD   | 1984 LF   | 40.00     | 79,360   |
| 2.   | Drainage 24"SD   | 1984 LF   | 50.00     | 99,200   |
| 3.   | Drainage 30"SD   | 1451 LF   | 60.00     | 87,060   |
| 4.   | Drainage 36"SD   | 372 LF    | 70.00     | 26,040   |
| 5.   | Drainage 60"SD   | 248 LF    | 120.00    | 29,760   |

Subtotal: \$1,279,677

|                         |             |
|-------------------------|-------------|
| Construction            | \$1,279,677 |
| Design Contingency@ 10% | \$296,299   |
| Design Engineering@ 10% | \$296,299   |
| Const. Engineering@ 10% | \$296,299   |
| Const. Contingency@ 10% | \$296,299   |
| R/W Appraisal/Acq.      | \$0         |
| Land Cost               | \$0         |

TOTAL: \$2,464,875

3% PER YEAR INFLATION \$143,896.00

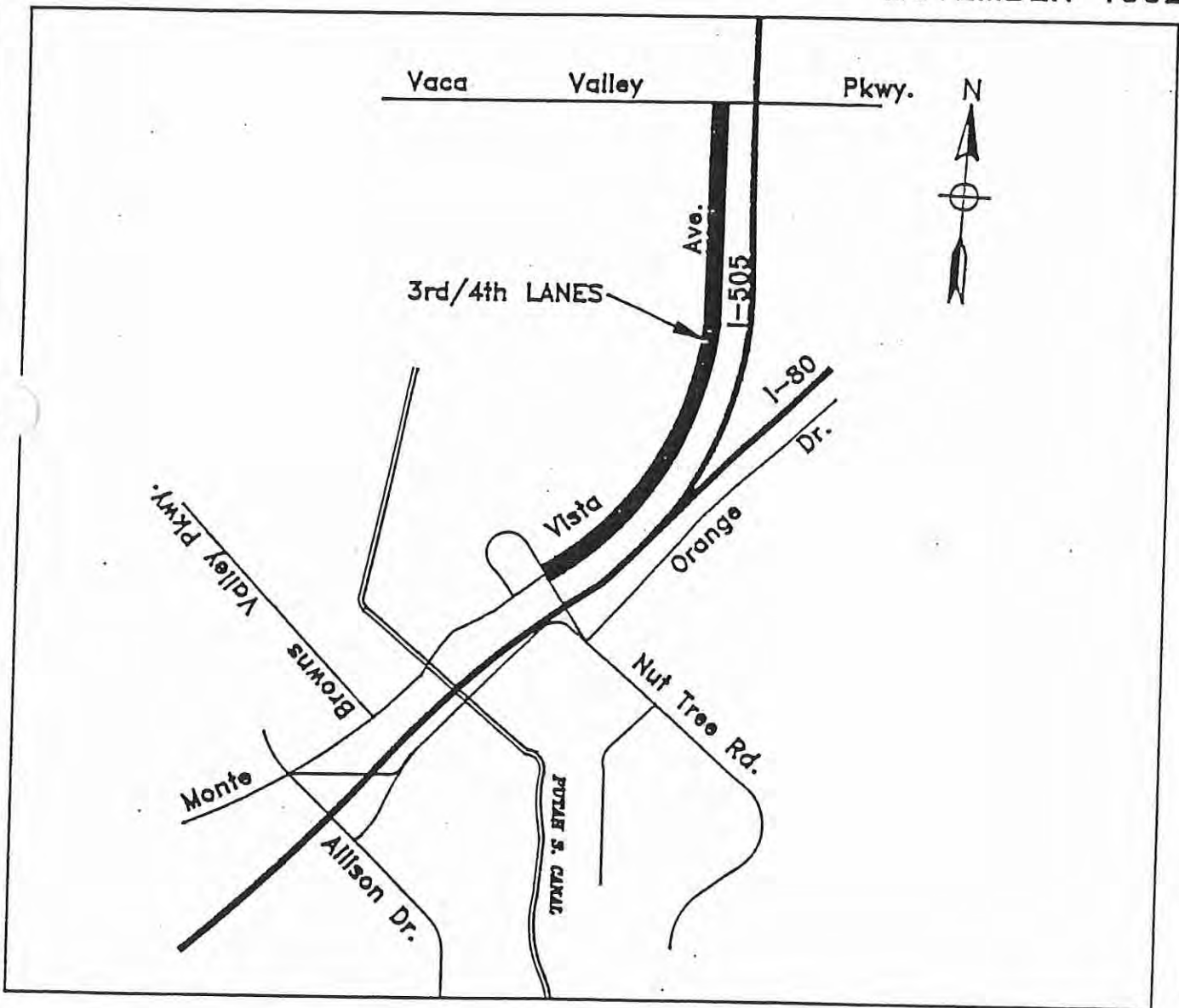
1992 COST TOTAL \$2,608,771.00

# DEVELOPMENT FUNDED PROJECTS

PROJECT #103—E. MONTE VISTA AVE.—NUT TREE RD.  
TO VACA VALLEY PKWY.

SCOPE: WIDEN E. MONTE VISTA AVE. TO 4 LANES.

NOVEMBER 1992



BUDGET (1992 DOLLARS): \$4,675,680.00

YEAR OF PROPOSED CONSTRUCTION: DEPENDANT ON DEVELOPMENT.

PROJECT 103

10-17-90

MAJOR STREETS AND INTERCHANGES  
CONSTRUCTION COST ESTIMATES

Location: E. MONTE VISTA AVE.  
From: Nut Tree Rd. to Vaca Valley Parkway  
Proposed Modification: Add two lanes with median.  
Lineal Feet: 9300

| TEM       | DESCRIPTION                  | QTY./UNIT | PRICE      | TOTAL       |
|-----------|------------------------------|-----------|------------|-------------|
| 1.        | Clear & Grub                 | 1 LS      | 100,000.00 | \$100,000   |
| 2.        | Roadway Ex.                  | 36,626 CY | 8.00       | \$293,011   |
| 3.        | CL 2 AB                      | 30,197 CY | 30.00      | \$905,901   |
| 4.        | Asphalt Concrete             | 13,778 TN | 40.00      | \$551,111   |
| 5.        | Curb & Gutter                | 9,300 LF  | 10.50      | \$97,650    |
| 6.        | Sidewalk                     | 41,850 SF | 2.50       | \$104,625   |
| 7.        | Roadside Signs               | 1 LS      | 10,000.00  | \$10,000    |
| 8.        | Paint Pvmt.Strps             | 27,900 LF | 0.50       | \$13,950    |
| 9.        | Pvmt. Markings               | 1 LS      | 10,000.00  | \$10,000    |
| 0.        | Street Lights                | 36 EA     | 1,500.00   | \$54,000    |
| 1.        | Modify Horse<br>Creek Bridge | 1 EA      | 500,000.00 | \$500,000   |
| 2.        | Conc.Curb Median             | 18,600 LF | 8.00       | \$148,800   |
| 3.        | Curb Inlt/18"RCP             | 15 EA     | 2,500.00   | \$37,500    |
| 4.        | Reloc Fire Hyd.              | 2 EA      | 500.00     | \$1,000     |
| 5.        | Reloc. Sewer<br>Pump Station | 1 EA      | 100,000.00 | \$100,000   |
| 6.        | Reloc. St. Light             | 37 EA     | 1,000.00   | \$37,000    |
| Subtotal: |                              |           |            | \$2,964,548 |

|                                |             |
|--------------------------------|-------------|
| Construction                   | \$2,964,548 |
| Design Contingency @ 10%       | \$296,455   |
| Design Engineering @ 10%       | \$296,455   |
| Construction Engineering @ 10% | \$296,455   |
| Construction Contingency @ 10% | \$296,455   |
| R/W Appraisal/Acq.             | \$40,000    |
| R/W Land Cost (\$30,000/AC)    | \$128,099   |
| Utility Relocation             | \$99,500    |

TOTAL: \$4,417,967

3% PER YEAR INFLATION \$257,713.00

1992 COST TOTAL \$4,675,680.00