

ARIZONA DEPARTMENT OF TRANSPORTATION

Estimated Engineering Construction Cost

DETAILED COST ESTIMATE, DCR UPDATE PREFERRED ALTERNATIVE

Project Number: M698701X, SR 303L DESIGN CONCEPT REPORT UPDATE

March 9, 2022

Location: SR 303L, LAKE PLEASANT PARKWAY TO I-17 PHASE 2

THIRD GPL LAKE PLEASANT PKWY TO 51ST AVE WITH MAINLINE AND BRIDGES AT 67TH AVE (NOT CROSSROAD OR RAMPS)

| ITEM NO. |   | ITEM DESCRIPTION  | UNIT   | QUANTITY | UNIT PRICE     | AMOUNT                 |
|----------|---|---|--------|----------|----------------|------------------------|
| 2010001  |   | CLEARING AND GRUBBING   | L.SUM  | 1        | \$400,000.00   | \$400,000.00           |
| 2020041  |   | REMOVAL OF PIPE   | L.FT.  | 300      | \$40.00        | \$12,000.00            |
| 2020048  |   | REMOVAL OF STRUCTURE (CATCH BASIN)                                      | EACH   | 6        | \$1,000.00     | \$6,000.00             |
| 2030301  |   | ROADWAY EXCAVATION  | CU.YD. | 55,600   | \$20.00        | \$1,112,000.00         |
| 2030401  |   | DRAINAGE EXCAVATION   | CU.YD. | 1,600    | \$15.00        | \$24,000.00            |
| 2030904  |   | BORROW (IN PLACE)   | CU.YD. | 198,200  | \$16.00        | \$3,171,200.00         |
| 2090005  |   | FURNISH WATER   | M.GAL. | 42,800   | \$6.00         | \$256,800.00           |
| 3030022  |   | AGGREGATE BASE, CLASS 2   | CU.YD. | 9,191    | \$65.00        | \$597,415.00           |
| 4010016  |   | PORTLAND CEMENT CONCRETE PAVEMENT (14")                                 | SQ.YD. | 29,972   | \$90.00        | \$2,697,480.00         |
| 4090003  |   | ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)                           | TON    | 4,190    | \$130.00       | \$544,700.00           |
| 5012524  |   | STORM DRAIN PIPE, 24"   | L.FT.  | 2,940    | \$120.00       | \$352,800.00           |
| 5012530  |   | STORM DRAIN PIPE, 30"   | L.FT.  | 800      | \$135.00       | \$108,000.00           |
| 5014253  |   | FLARED END SECTION (  | EACH   | 4        | \$2,500.00     | \$10,000.00            |
| 5030606  |   | CONCRETE CATCH BASIN (C-15.92)  | EACH   | 32       | \$8,000.00     | \$256,000.00           |
| 5030609  |   | CONCRETE CATCH BASIN (C-15.80)  | EACH   | 10       | \$8,000.00     | \$80,000.00            |
| 5050001  |   | MANHOLE (C-18.10) (NO. 1) (FOR PIPES 6" TO 36")                         | EACH   | 4        | \$8,000.00     | \$32,000.00            |
| 7010003  |   | MAINTENANCE AND PROTECTION OF TRAFFIC (8%)                              | L.SUM  | 1        | \$1,594,000.00 | \$1,594,000.00         |
| 7040005  |   | PAVEMENT MARKING (WHITE EXTRUDED THERMOPLASTIC) (0.090")                | L.FT.  | 150,920  | \$0.40         | \$60,368.00            |
| 7040006  |   | PAVEMENT MARKING (YELLOW EXTRUDED THERMOPLASTIC) (0.090")               | L.FT.  | 76,870   | \$0.40         | \$30,748.00            |
| 7060013  |   | PAVEMENT MARKER, RAISED, TYPE C   | EACH   | 2,100    | \$2.50         | \$5,250.00             |
| 8050003  |   | SEEDING (CLASS II)  | ACRE   | 22       | \$4,200.00     | \$92,400.00            |
| 8101013  |   | EROSION CONTROL (1%)  | L.SUM  | 1        | \$199,000.00   | \$199,000.00           |
| 9010001  |   | MOBILIZATION  | L.SUM  | 1        | \$1,594,000.00 | \$1,594,000.00         |
| 9040201  |   | MEDIAN CABLE BARRIER (  | L.FT.  | 20,608   | \$25.00        | \$515,200.00           |
| 9040223  |   | MEDIAN CABLE BARRIER END TERMINAL (                                     | EACH   | 46       | \$4,500.00     | \$207,000.00           |
| 9050006  |   | GUARD RAIL, W-BEAM, SINGLE FACE   | L.FT.  | 100      | \$35.00        | \$3,500.00             |
| 9050026  |   | GUARD RAIL TERMINAL (   | EACH   | 4        | \$4,500.00     | \$18,000.00            |
| 9050419  |   | GUARD RAIL TRANSITION (THRIE BEAM TRANSITION)                           | EACH   | 6        | \$5,000.00     | \$30,000.00            |
| 9080085  |   | CONCRETE CURB AND GUTTER (C-05.10, TYPE C & C-1)                        | L.FT.  | 3,995    | \$40.00        | \$159,800.00           |
| 9100001  |   | CONCRETE BARRIER  | L.FT.  | 2,868    | \$120.00       | \$344,160.00           |
| 9240126  |   | MISCELLANEOUS WORK (ITS)  | L.SUM  | 1        | \$250,000.00   | \$250,000.00           |
| 9240129  |   | MISCELLANEOUS WORK (GRANITE MULCH AND LANDSCAPING)                      | SQ.YD. | 54,700   | \$6.00         | \$328,200.00           |
| 9240170  |   | CONTRACTOR QUALITY CONTROL  | L.SUM  | 1        | \$299,000.00   | \$299,000.00           |
| 9250001  |   | CONSTRUCTION SURVEYING AND LAYOUT                                       | L.SUM  | 1        | \$398,000.00   | \$398,000.00           |
|          |   | <b>SUBTOTAL ROADWAY</b>   |        |          |                | <b>\$15,789,021.00</b> |
|          |   |   |        |          |                |                        |
| 9999903  | A | LUMP SUM STRUCTURE (TOTAL OF PRECEEDING STRUCTURE ITEMS)(ID 1)(67th SB) | L.SUM  | 1        | \$4,109,074.00 | \$4,109,074.00         |
| 9999903  | B | LUMP SUM STRUCTURE (TOTAL OF PRECEEDING STRUCTURE ITEMS)(ID 2)(67th NB) | L.SUM  | 1        | \$4,106,458.00 | \$4,106,458.00         |
|          |   | <b>SUBTOTAL STRUCTURES</b>  |        |          |                | <b>\$8,215,532.00</b>  |
|          |   | 30% UNIDENTIFIED ITEMS (ROADWAY + STRUCTURES)                           | L.SUM  | 1        | \$7,201,370    | \$7,201,370.00         |
|          |   | <b>TOTAL ROADWAY + STRUCTURES</b>                                       |        |          |                | <b>\$31,205,900.00</b> |

| ITEM NO. | ITEM DESCRIPTION  | UNIT | QUANTITY | UNIT PRICE     | AMOUNT                 |
|----------|---|------|----------|----------------|------------------------|
|          | CONSTRUCTION ENGINEERING (10%)                                    |      | 10%      | \$3,120,600.00 | \$3,120,600.00         |
|          | CONSTRUCTION POST DESIGN SERVICES (1%)                            |      | 1%       | \$312,100.00   | \$312,100.00           |
|          | CONSTRUCTION CONTINGENCY (5%)                                     |      | 5%       | \$1,560,300.00 | \$1,560,300.00         |
|          | PCCP MATERIAL QUALITY (\$2/SY)                                    |      | 30,000   | \$2.00         | \$60,000.00            |
|          | PCCP SMOOTHNESS INCENTIVE (\$7,000/LANE-MILE)                     |      | 4.0      | \$7,000.00     | \$28,000.00            |
|          | ICAP (10.50%)   |      | 10.50%   | \$3,777,400.00 | \$3,777,400.00         |
|          |   |      |          |                |                        |
|          | <b>PROJECT CONSTRUCTION SUBTOTAL</b>                              |      |          |                | <b>\$40,064,300.00</b> |
|          |   |      |          |                |                        |
|          | ENVIRONMENTAL UPDATE AND PUBLIC INVOLVEMENT                       |      | 0.50%    | \$200,300.00   | \$200,300.00           |
|          | DESIGN  |      | 8.00%    | \$3,205,100.00 | \$3,205,100.00         |
|          | ENVIRONMENTAL UPDATE, PUBLIC INVOLVEMENT AND DESIGN ICAP (10.50%) |      | 10.50%   | \$357,600.00   | \$357,600.00           |
|          | PRIOR RIGHTS UTILITY RELOCATION                                   |      |          |                |                        |
|          | UTILITY RELOCATION ICAP (10.50%)                                  |      | 10.50%   | \$0.00         | \$0.00                 |
|          |   |      |          |                |                        |
|          | <b>PROJECT TOTAL</b>  |      |          |                | <b>\$43,827,300.00</b> |

ARIZONA DEPARTMENT OF TRANSPORTATION

Estimated Engineering Construction Cost

DETAILED COST ESTIMATE, DCR UPDATE PREFERRED ALTERNATIVE

Project Number: M698701X, SR 303L DESIGN CONCEPT REPORT UPDATE

March 9, 2022

Location: SR 303L, LAKE PLEASANT PARKWAY TO I-17 PHASE 1  
303/17 SYSTEM TI AND THIRD GPL BETWEEN 51ST AVE AND I-17

| ITEM NO. | ITEM DESCRIPTION   | UNIT   | QUANTITY | UNIT PRICE     | AMOUNT          |
|----------|--|--------|----------|----------------|-----------------|
| 2010001  | CLEARING AND GRUBBING  | L.SUM  | 1        | \$1,000,000.00 | \$1,000,000.00  |
| 2020041  | REMOVAL OF PIPE  | L.FT.  | 1,525    | \$40.00        | \$61,000.00     |
| 2020048  | REMOVAL OF STRUCTURE (CATCH BASIN)                               | EACH   | 19       | \$1,000.00     | \$19,000.00     |
| 2020165  | REMOVE (CONCRETE LINED DITCH)                                    | L.FT.  | 187      | \$40.00        | \$7,480.00      |
| 2020053  | REMOVE (BRIDGE SIGN PANEL)                                       | EACH   | 8        | \$1,000.00     | \$8,000.00      |
| 2020057  | REMOVE AND SALVAGE (BRIDGE SIGN STRUCTURE)                       | EACH   | 3        | \$6,000.00     | \$18,000.00     |
| 2020060  | REMOVE AND SALVAGE (CANTILVER SIGN STRUCTURE)                    | EACH   | 2        | \$4,000.00     | \$8,000.00      |
| 2030301  | ROADWAY EXCAVATION   | CU.YD. | 81,500   | \$12.00        | \$978,000.00    |
| 2030904  | BORROW (IN PLACE)  | CU.YD. | 857,900  | \$14.00        | \$12,010,600.00 |
| 2090005  | FURNISH WATER  | M.GAL. | 106,100  | \$6.00         | \$636,600.00    |
| 3030022  | AGGREGATE BASE, CLASS 2  | CU.YD. | 23,122   | \$65.00        | \$1,502,930.00  |
| 4010016  | PORTLAND CEMENT CONCRETE PAVEMENT (14")                          | SQ.YD. | 150,548  | \$90.00        | \$13,549,320.00 |
| 4090003  | ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)                    | TON    | 2,416    | \$130.00       | \$314,080.00    |
| 5012524  | STORM DRAIN PIPE, 24"  | L.FT.  | 6,814    | \$120.00       | \$817,680.00    |
| 5012530  | STORM DRAIN PIPE, 30"  | L.FT.  | 1,152    | \$135.00       | \$155,520.00    |
| 5012536  | STORM DRAIN PIPE 36"   | L.FT.  | 451      | \$160.00       | \$72,160.00     |
| 5012548  | STORM DRAIN PIPE, 48"  | L.FT.  | 2,135    | \$320.00       | \$683,200.00    |
| 5014253  | FLARED END SECTION (   | EACH   | 23       | \$2,500.00     | \$57,500.00     |
| 5030606  | CONCRETE CATCH BASIN (C-15.92)                                   | EACH   | 107      | \$8,000.00     | \$856,000.00    |
| 5030609  | CONCRETE CATCH BASIN (C-15.80)                                   | EACH   | 16       | \$8,000.00     | \$128,000.00    |
| 5050001  | MANHOLE (C-18.10) (NO. 1) (FOR PIPES 6" TO 36")                  | EACH   | 12       | \$8,000.00     | \$96,000.00     |
| 6060046  | BRIDGE SIGN STRUCTURE (SD9.20, TYPE 2F)                          | EACH   | 1        | \$65,000.00    | \$65,000.00     |
| 6060047  | BRIDGE SIGN STRUCTURE (SD9.20, TYPE 3F)                          | EACH   | 3        | \$85,000.00    | \$255,000.00    |
| 6060048  | BRIDGE SIGN STRUCTURE (SD9.20, TYPE 4F)                          | EACH   | 1        | \$95,000.00    | \$95,000.00     |
| 6060058  | BRIDGE SIGN STRUCTURE (TAPERED TUBE, SINGLE BEAM, 70' 1" TO 85') | EACH   | 2        | \$27,500.00    | \$55,000.00     |
| 6060059  | BRIDGE SIGN STRUCTURE (TAPERED TUBE, SINGLE BEAM, 85'1" TO 100') | EACH   | 2        | \$32,000.00    | \$64,000.00     |
| 6060074  | FOUNDATION FOR BRIDGE SIGN STRUCTURE (TAPERED TUBE)              | EACH   | 8        | \$7,000.00     | \$56,000.00     |
| 6060076  | FOUNDATION FOR BRIDGE SIGN STRUCTURE (SD9.20, TYPE 2F)           | EACH   | 2        | \$10,000.00    | \$20,000.00     |
| 6060078  | FOUNDATION FOR BRIDGE SIGN STRUCTURE (SD9.20, TYPE 3F)           | EACH   | 6        | \$12,500.00    | \$75,000.00     |
| 6060079  | FOUNDATION FOR BRIDGE SIGN STRUCTURE (SD9.20, TYPE 4F)           | EACH   | 2        | \$15,000.00    | \$30,000.00     |
| 6060131  | CANTILEVER SIGN STRUCTURE (SD9.10, TYPE 1C)                      | EACH   | 1        | \$42,000.00    | \$42,000.00     |
| 6060132  | CANTILEVER SIGN STRUCTURE (SD9.10, TYPE 2C)                      | EACH   | 10       | \$45,000.00    | \$450,000.00    |
| 6060133  | CANTILEVER SIGN STRUCTURE (SD9.10, TYPE 3C)                      | EACH   | 6        | \$50,000.00    | \$300,000.00    |
| 6060163  | SIGN STRUCTURE (MEDIAN) (TWO-SIDED)                              | EACH   | 1        | \$60,000.00    | \$60,000.00     |
| 6060239  | FOUNDATION FOR SIGN STRUCTURE (MEDIAN)                           | EACH   | 1        | \$12,000.00    | \$12,000.00     |
| 6060254  | FOUNDATION FOR CANTILEVER SIGN STRUCTURE (SD9.10, TYPE 1C)       | EACH   | 1        | \$12,000.00    | \$12,000.00     |
| 6060255  | FOUNDATION FOR CANTILEVER SIGN STRUCTURE (SD9.10, TYPE 2C)       | EACH   | 10       | \$12,000.00    | \$120,000.00    |
| 6060256  | FOUNDATION FOR CANTILEVER SIGN STRUCTURE (SD9.10, TYPE 3C)       | EACH   | 6        | \$12,000.00    | \$72,000.00     |
| 6080010  | SIGN PANEL (   | SQ.FT. | 7,506    | \$30.00        | \$225,180.00    |
| 6080055  | SIGN PANEL (BRIDGE MOUNTED SIGN)                                 | EACH   | 3        | \$3,000.00     | \$9,000.00      |
| 7010003  | MAINTENANCE AND PROTECTION OF TRAFFIC (8%)                       | L.SUM  | 1        | \$8,582,000.00 | \$8,582,000.00  |
| 7040005  | PAVEMENT MARKING (WHITE EXTRUDED THERMOPLASTIC) (0.090")         | L.FT.  | 352,140  | \$0.40         | \$140,856.00    |
| 7040006  | PAVEMENT MARKING (YELLOW EXTRUDED THERMOPLASTIC) (0.090")        | L.FT.  | 179,350  | \$0.40         | \$71,740.00     |
| 7040074  | PAVEMENT SYMBOL (EXTRUDED THERMOPLASTIC) (ALKYD) (0.090")        | EACH   | 96       | \$300.00       | \$28,800.00     |
| 7060013  | PAVEMENT MARKER, RAISED, TYPE C                                  | EACH   | 4,890    | \$2.50         | \$12,225.00     |
| 7330032  | TRAFFIC SIGNAL (COMPLETE)  | EACH   | 2        | \$300,000.00   | \$600,000.00    |
| 7360300  | ROADWAY LIGHTING   | L.SUM  | 1        | \$1,760,000.00 | \$1,760,000.00  |
| 8050003  | SEEDING (CLASS II)   | ACRE   | 12       | \$4,200.00     | \$50,400.00     |
| 8101013  | EROSION CONTROL (1%)   | L.SUM  | 1        | \$1,073,000.00 | \$1,073,000.00  |
| 9010001  | MOBILIZATION   | L.SUM  | 1        | \$8,582,000.00 | \$8,582,000.00  |
| 9040201  | MEDIAN CABLE BARRIER (   | L.FT.  | 9,687    | \$25.00        | \$242,175.00    |
| 9040223  | MEDIAN CABLE BARRIER END TERMINAL (                              | EACH   | 10       | \$4,500.00     | \$45,000.00     |
| 9050006  | GUARD RAIL, W-BEAM, SINGLE FACE                                  | L.FT.  | 150      | \$35.00        | \$5,250.00      |

| ITEM NO. |   | ITEM DESCRIPTION  | UNIT   | QUANTITY | UNIT PRICE      | AMOUNT                  |
|----------|---|---|--------|----------|-----------------|-------------------------|
| 9050026  |   | GUARD RAIL TERMINAL (   | EACH   | 6        | \$4,500.00      | \$27,000.00             |
| 9050419  |   | GUARD RAIL TRANSITION (THRIE BEAM TRANSITION)                       | EACH   | 20       | \$5,000.00      | \$100,000.00            |
| 9080085  |   | CONCRETE CURB AND GUTTER (C-05.10, TYPE C & C-1)                    | L.FT.  | 42,016   | \$40.00         | \$1,680,640.00          |
| 9100001  |   | CONCRETE BARRIER  | L.FT.  | 16,519   | \$120.00        | \$1,982,280.00          |
| 9130007  |   | RIPRAP (DUMPED) (6")  | CU.YD. | 15       | \$120.00        | \$1,800.00              |
| 9130010  |   | RIPRAP (GROUTED) (6")   | CU.YD. | 15       | \$160.00        | \$2,400.00              |
| 9210016  |   | MEDIAN PAVING (DECORATIVE PAVEMENT)                                 | SQ.YD. | 0        | \$100.00        | \$0.00                  |
| 9240126  |   | MISCELLANEOUS WORK (ITS)  | L.SUM  | 1        | \$500,000.00    | \$500,000.00            |
| 9240129  |   | MISCELLANEOUS WORK (GRANITE MULCH AND LANDSCAPING)                  | SQ.YD. | 139,300  | \$6.00          | \$835,800.00            |
| 9140153  |   | RETAINING WALL (  | SQ.FT. | 135,000  | \$100.00        | \$13,500,000.00         |
| 9240170  |   | CONTRACTOR QUALITY CONTROL  | L.SUM  | 1        | \$1,609,000.00  | \$1,609,000.00          |
| 9250001  |   | CONSTRUCTION SURVEYING AND LAYOUT                                   | L.SUM  | 1        | \$2,146,000.00  | \$2,146,000.00          |
|          |   | <b>SUBTOTAL ROADWAY</b>   |        |          |                 | <b>\$78,574,616.00</b>  |
|          |   |   |        |          |                 |                         |
| 9999903  | C | LUMP SUM STRUCTURE (TOTAL OF PRECEEDING STRUCTURE ITEMS)(ID 7)(SW)  | L.SUM  | 1        | \$5,768,546.00  | \$5,768,546.00          |
| 9999903  | D | LUMP SUM STRUCTURE (TOTAL OF PRECEEDING STRUCTURE ITEMS)(ID 8)(SW)  | L.SUM  | 1        | \$3,373,353.00  | \$3,373,353.00          |
| 9999903  | E | LUMP SUM STRUCTURE (TOTAL OF PRECEEDING STRUCTURE ITEMS)(ID 9)(ES)  | L.SUM  | 1        | \$5,713,311.00  | \$5,713,311.00          |
| 9999903  | F | LUMP SUM STRUCTURE (TOTAL OF PRECEEDING STRUCTURE ITEMS)(ID 11)(NW) | L.SUM  | 1        | \$30,223,021.00 | \$30,223,021.00         |
| 9999903  | G | LUMP SUM STRUCTURE (TOTAL OF PRECEEDING STRUCTURE ITEMS)(ID 12)(NW) | L.SUM  | 1        | \$5,614,317.00  | \$5,614,317.00          |
|          |   | <b>SUBTOTAL STRUCTURES</b>  |        |          |                 | <b>\$50,692,548.00</b>  |
|          |   | 20% UNIDENTIFIED ITEMS (ROADWAY + STRUCTURES)                       | L.SUM  | 1        | \$25,853,000    | \$25,853,000.00         |
|          |   | <b>TOTAL ROADWAY + STRUCTURES</b>                                   |        |          |                 | <b>\$155,120,200.00</b> |
|          |   |   |        |          |                 |                         |
|          |   | CONSTRUCTION ENGINEERING (10%)                                      |        | 10%      | \$15,512,000.00 | \$15,512,000.00         |
|          |   | CONSTRUCTION POST DESIGN SERVICES (1%)                              |        | 1%       | \$1,551,200.00  | \$1,551,200.00          |
|          |   | CONSTRUCTION CONTINGENCY (5%)                                       |        | 5%       | \$7,756,000.00  | \$7,756,000.00          |
|          |   | PCCP MATERIAL QUALITY (\$2/SY)                                      |        | 150,500  | \$2.00          | \$301,000.00            |
|          |   | PCCP SMOOTHNESS INCENTIVE (\$7,000/LANE-MILE)                       |        | 10.0     | \$7,000.00      | \$70,000.00             |
|          |   | ICAP (10.50%)   |        | 10.50%   | \$18,769,700.00 | \$18,769,700.00         |
|          |   |   |        |          |                 |                         |
|          |   | <b>PROJECT CONSTRUCTION SUBTOTAL</b>                                |        |          |                 | <b>\$199,080,100.00</b> |
|          |   |   |        |          |                 |                         |
|          |   | ENVIRONMENTAL UPDATE AND PUBLIC INVOLVEMENT                         |        | 0.50%    | \$995,400.00    | \$995,400.00            |
|          |   | DESIGN  |        | 8.00%    | \$15,926,400.00 | \$15,926,400.00         |
|          |   | ENVIRONMENTAL UPDATE, PUBLIC INVOLVEMENT AND DESIGN ICAP (10.50%)   |        | 10.50%   | \$1,776,800.00  | \$1,776,800.00          |
|          |   | PRIOR RIGHTS UTILITY RELOCATION                                     |        |          |                 |                         |
|          |   | UTILITY RELOCATION ICAP (10.50%)                                    |        | 10.50%   | \$0.00          | \$0.00                  |
|          |   |   |        |          |                 |                         |
|          |   | <b>PROJECT TOTAL</b>  |        |          |                 | <b>\$217,778,700.00</b> |

**ARIZONA DEPARTMENT OF TRANSPORTATION  
CONSTRUCTION COST ESTIMATE SUMMARY**

**PROJECT NAME:** 303L 4th GPL and HOV Lane  
**ROUTE:** SR303L  
**PROJECT LIMITS:** Lake Pleasant Parkway to I-17  
**LENGTH:** 6.6 Miles

**PROJECT DESCRIPTION:** HOV WIDENING  
**ESTIMATE LEVEL:** Level 0 TBD  
**BASE YEAR:** FY2021  
**DATE:** 8/12/2021

| ITEM                              | MAJOR ITEM DESCRIPTION                  | UNIT       | QUANTITY | UNIT COST       | TOTAL COST          |
|-----------------------------------|---|------------|----------|-----------------|---------------------|
| 200                               | <b>EARTHWORK</b>                        |            |          |                 |                     |
|                                   | CLEARING & REMOVALS                     | L.SUM      | 1        | \$ 862,100.00   | 862,100             |
|                                   | ROADWAY EXCAVATION                      | CU.YD.     | 88,560   | \$ 14.00        | 1,239,840           |
|                                   | DRAINAGE EXCAVATION                     | CU.YD.     |          |                 |                     |
|                                   | BORROW                                  | CU.YD.     | 48,000   | \$ 14.00        | 672,000             |
|                                   | SUBGRADE TREATMENT                      | SQ.YD.     |          |                 |                     |
|                                   | FURNISH WATER                           | L.SUM      | 1        | \$ 307,200.00   | 307,200             |
|                                   | MISCELLANEOUS ITEMS                     | L.SUM      |          |                 |                     |
|                                   | <b>TOTAL ITEM 200</b>                   |            |          |                 | 3,081,140           |
| 300 & 400                         | <b>BASE AND SURFACE TREATMENT</b>       |            |          |                 |                     |
|                                   | AGGREGATE BASE                          | SQ.YD.     | 88,800   | \$ 4.00         | 355,200             |
|                                   | CONCRETE PAVEMENT                       | SQ.YD.     | 88,800   | \$ 67.00        | 5,949,600           |
|                                   | ASPHALT PAVEMENT                        | SQ.YD.     |          |                 |                     |
|                                   | ARAC SURFACE                            | SQ.YD.     | 0        | \$ 6.00         | 0                   |
|                                   | MILLING & OVERLAY                       | SQ.YD.     |          |                 |                     |
|                                   | MISCELLANEOUS ITEMS                     | L.SUM      |          |                 |                     |
|                                   | <b>TOTAL ITEM 300 &amp; 400</b>         |            |          |                 | 6,304,800           |
| 500                               | <b>DRAINAGE</b>                         |            |          |                 |                     |
|                                   | DRAINAGE SYSTEM (CLOSED)                | L.FT.      | 26,400   | \$ 255.00       | 6,732,000           |
|                                   | DRAINAGE SYSTEM (OPEN)                  | L.FT.      |          |                 |                     |
|                                   | DRAINAGE SYSTEM (CONVEYANCE CHANNEL)    | L.FT.      |          |                 |                     |
|                                   | PUMP STATION (NEW)                      | EACH       |          |                 |                     |
|                                   | PIPE CULVERTS                           | L.FT.      |          |                 |                     |
| MISCELLANEOUS ITEMS               | L.SUM                                   |            |          |                 |                     |
|                                   | <b>TOTAL ITEM 500</b>                   |            |          |                 | 6,732,000           |
| 600                               | <b>STRUCTURES</b>                       |            |          |                 |                     |
|                                   | FLYOVER RAMP (NEW SYSTEM TI)            | SQ.FT.     |          |                 |                     |
|                                   | FLYOVER HOV RAMP                        | SQ.FT.     |          |                 |                     |
|                                   | OVERPASS TI BRIDGE                      | SQ.FT.     |          |                 |                     |
|                                   | RIVER CROSSING BRIDGE                   | SQ.FT.     |          |                 |                     |
|                                   | PEDESTRIAN BRIDGE                       | SQ.FT.     |          |                 |                     |
|                                   | BRIDGE WIDENING                         | SQ.FT.     | 29,664   | \$ 145.00       | 4,301,280           |
|                                   | BRIDGE REHABILITATION                   | SQ.FT.     |          |                 |                     |
|                                   | BOX CULVERT                             | L.FT./CELL |          |                 |                     |
|                                   | SIGN STRUCTURES                         | EACH       |          |                 |                     |
|                                   | ITS STRUCTURE AND PANEL                 | EACH       | 4        | \$ 100,000.00   | 400,000             |
|                                   | O&M CROSSING                            | EACH       |          |                 |                     |
| MISCELLANEOUS ITEMS               | L.SUM                                   |            |          |                 |                     |
|                                   | <b>TOTAL ITEM 600</b>                   |            |          |                 | 4,701,280           |
| 700                               | <b>TRAFFIC ENGINEERING</b>              |            |          |                 |                     |
|                                   | SIGNING (FREEWAY)                       | MILE/DIR   | 7        | \$ 35,000.00    | 245,000             |
|                                   | SIGNING (STREET)                        | MILE       |          |                 |                     |
|                                   | PAVEMENT MARKING                        | LANE-MILE  | 66.00    | \$ 5,000.00     | 330,000             |
|                                   | LIGHTING                                | MILE       | 7.00     | \$ 500,000.00   | 3,500,000           |
|                                   | TRAFFIC SIGNAL                          | EACH       |          |                 |                     |
|                                   | INTELLIGENT TRANSPORTATION SYSTEM (ITS) | MILE       | 7.00     | \$ 500,000.00   |                     |
|                                   | MISCELLANEOUS ITEMS                     | N/A        |          |                 |                     |
|                                   | <b>TOTAL ITEM 700</b>                   |            |          |                 | 4,075,000           |
| 800                               | <b>ROADSIDE DEVELOPMENT</b>             |            |          |                 |                     |
|                                   | LANDSCAPING AND TOPSOIL                 | SQ.YD.     |          |                 |                     |
|                                   | UTILITY RELOCATION                      | L.SUM      |          |                 |                     |
|                                   | MISCELLANEOUS ITEMS                     | L.SUM      |          |                 |                     |
|                                   | <b>TOTAL ITEM 800</b>                   |            |          |                 | 0                   |
| 900                               | <b>INCIDENTALS</b>                      |            |          |                 |                     |
|                                   | RETAINING WALLS                         | SQ.FT.     |          |                 |                     |
|                                   | SOUND WALLS                             | SQ.FT.     |          |                 |                     |
|                                   | ROADWAY APPURTENANCES                   | L.SUM      | 1        | \$ 8,013,250.00 | 8,013,250           |
|                                   | ADA IMPROVEMENTS                        | EACH       |          |                 |                     |
|                                   | TRANSIT APPURTENANCES                   | L.SUM      |          |                 |                     |
|                                   | RAILROAD ACCOMMODATIONS                 | L.SUM      |          |                 |                     |
|                                   | MISCELLANEOUS ITEMS                     | L.SUM      |          |                 |                     |
|                                   | <b>TOTAL ITEM 900</b>                   |            |          |                 | 8,013,250           |
| <b>SUBTOTAL A (ITEM SUBTOTAL)</b> |   |            |          |                 | <b>\$32,907,500</b> |

**ARIZONA DEPARTMENT OF TRANSPORTATION  
CONSTRUCTION COST ESTIMATE SUMMARY**

**PROJECT NAME:** 303L 4th GPL and HOV Lane  
**ROUTE:** SR303L  
**PROJECT LIMITS:** Lake Pleasant Parkway to I-17  
**LENGTH:** 6.6 Miles

**PROJECT DESCRIPTION:** HOV WIDENING  
**ESTIMATE LEVEL:** Level 0 TBD  
**BASE YEAR:** FY2021  
**DATE:** 8/12/2021

| ITEM              | MAJOR ITEM DESCRIPTION  | UNIT | QUANTITY | UNIT COST | TOTAL COST          |
|-------------------|---|------|----------|-----------|---------------------|
| <b>PW</b>         | <b>PROJECT WIDE</b>   |      |          |           |                     |
|                   | TRAFFIC CONTROL (8% OF SUBTOTAL A)  |      |          | 8.0%      | 2,632,600           |
|                   | DUST PALLIATIVE (0% OF SUBTOTAL A) (INCLUDED IN FURNISH WATER)                  |      |          | 0.0%      | 0                   |
|                   | QUALITY CONTROL (1% OF SUBTOTAL A)  |      |          | 1.0%      | 329,100             |
|                   | CONSTRUCTION SURVEYING (1.5% OF SUBTOTAL A)                                     |      |          | 1.5%      | 493,600             |
|                   | EROSION CONTROL (1% OF SUBTOTAL A)  |      |          | 1.0%      | 329,100             |
|                   | MOBILIZATION (8% OF SUBTOTAL A)   |      |          | 8.0%      | 2,632,600           |
|                   | UNIDENTIFIED ITEMS (20% OF SUBTOTAL A)  |      |          | 20.0%     | 6,581,500           |
|                   | <b>SUBTOTAL B (SUBTOTAL A + PROJECT WIDE)</b>                                   |      |          |           | <b>\$45,906,000</b> |
| <b>OTHER PROJ</b> | <b>OTHER PROJECT COSTS</b>  |      |          |           |                     |
|                   | DPS TRAFFIC CONTROL   |      |          |           | 0                   |
|                   | JOINT PROJECT AGREEMENT ITEMS   |      |          |           | 0                   |
|                   | CONTRACTOR INCENTIVES   |      |          |           | 288,000             |
|                   | ENVIRONMENTAL MITIGATION  |      |          |           | 0                   |
|                   | <b>BASE YEAR CONSTRUCTION COST (EXCLUDING UTILITIES &amp; R/W)</b>              |      |          |           | <b>\$46,194,000</b> |
| <b>INFL</b>       | <b>INFLATION AND BELOW THE LINE ITEMS</b>                                       |      |          |           |                     |
|                   | POST DESIGN SERVICES (1% OF BASE YEAR CONSTRUCTION COST)                        |      |          | 1.0%      | 461,900             |
|                   | CONSTRUCTION CONTINGENCIES (5% OF BASE YEAR CONSTRUCTION COST)                  |      |          | 5.0%      | 2,309,700           |
|                   | CONSTRUCTION ENGINEERING (8% OF BASE YEAR CONSTRUCTION COST)                    |      |          | 8.0%      | 3,695,500           |
|                   | <b>SUBTOTAL BASE YEAR CONSTRUCTION</b>  |      |          |           | <b>52,661,100</b>   |
|                   | INDIRECT COST ALLOCATION (10.5% OF BASE YEAR CONSTRUCTION+BELOW THE LINE ITEMS) |      |          | 10.50%    | 5,529,400           |
|                   | LABOR AND MATERIAL INFLATION TO CONSTRUCTION FISCAL YEAR 2021                   |      |          | 1.0000    | 0                   |
|                   | <b>BASE YEAR DEPARTMENT CONSTRUCTION COST (EXCLUDING UTILITIES &amp; R/W)</b>   |      |          |           | <b>\$58,190,500</b> |
| <b>DES</b>        | <b>PREDESIGN AND FINAL DESIGN</b>   |      |          |           |                     |
|                   | PREDESIGN/NEPA/PI SERVICES (0.5% OF BASE YEAR CONSTRUCTION COST)                |      |          | 0.5%      | 231,000             |
|                   | INDIRECT COST ALLOCATION (10.5% OF ALL DESIGN COSTS)                            |      |          | 10.50%    | 24,300              |
|                   | PREDESIGN COST INFLATION TO CONSTRUCTION FISCAL YEAR 2021                       |      |          | 1.0000    | 0                   |
|                   | <b>SUBTOTAL PREDESIGN</b>   |      |          |           | <b>255,300</b>      |
|                   | FINAL DESIGN SERVICES (8% OF BASE YEAR CONSTRUCTION COST)                       |      |          | 8.0%      | 3,695,500           |
|                   | INDIRECT COST ALLOCATION (10.5% OF ALL DESIGN COSTS)                            |      |          | 10.50%    | 388,000             |
|                   | FINAL DESIGN COST INFLATION TO CONSTRUCTION FISCAL YEAR 2021                    |      |          | 1.0000    | 0                   |
|                   | <b>SUBTOTAL FINAL DESIGN</b>  |      |          |           | <b>4,083,500</b>    |
|                   | <b>TOTAL ESTIMATED DESIGN COST</b>  |      |          |           | <b>\$4,338,800</b>  |
| <b>UTIL</b>       | <b>UTILITY RELOCATION</b>   |      |          |           |                     |
|                   | PRIOR RIGHT UTILITY RELOCATIONS & SERVICE AGREEMENTS                            |      |          |           | 0                   |
|                   | INDIRECT COST ALLOCATION (10.5% OF ALL UTILITY COSTS)                           |      |          | 10.50%    | 0                   |
|                   | UTILITY RELOCATION COST INFLATION TO CONSTRUCTION FISCAL YEAR 2021              |      |          | 1.0000    | 0                   |
|                   | <b>TOTAL ESTIMATED UTILITY COST</b>   |      |          |           | <b>\$0</b>          |
| <b>R/W</b>        | <b>RIGHT-OF-WAY</b>   |      |          |           |                     |
|                   | RIGHT-OF-WAY  |      |          |           | 0                   |
|                   | INDIRECT COST ALLOCATION (10.5% OF ALL RIGHT-OF-WAY COSTS)                      |      |          | 10.50%    | 0                   |
|                   | RIGHT-OF-WAY PRICE ESCALATION TO ACQUISITION FISCAL YEAR 2021                   |      |          | 1.0000    | 0                   |
|                   | <b>TOTAL ESTIMATED RIGHT-OF-WAY COSTS</b>                                       |      |          |           | <b>\$0</b>          |
|                   | <b>TOTAL ESTIMATED PROJECT COST</b>   |      |          |           | <b>\$62,529,000</b> |

**ARIZONA DEPARTMENT OF TRANSPORTATION  
CONSTRUCTION COST ESTIMATE SUMMARY**

**PROJECT NAME:** 303L/I-17 DHOV Connectors  
**ROUTE:** 303L/I-17  
**PROJECT LIMITS:** EB 303 to SB -17, NB I-17 to WB 303  
**LENGTH:** 1.0 miles

**PROJECT DESCRIPTION:** DHOV  
**ESTIMATE LEVEL:** Level 0  
**BASE YEAR:** FY2021  
**DATE:** 8/12/2021

| ITEM                              | MAJOR ITEM DESCRIPTION                  | UNIT       | QUANTITY | UNIT COST     | TOTAL COST          |
|-----------------------------------|---|------------|----------|---------------|---------------------|
| 200                               | <b>EARTHWORK</b>                        |            |          |               |                     |
|                                   | CLEARING & REMOVALS                     | L.SUM      | 1        | \$ 400,000.00 | 400,000             |
|                                   | ROADWAY EXCAVATION                      | CU.YD.     | 15,000   | \$ 14.00      | 210,000             |
|                                   | DRAINAGE EXCAVATION                     | CU.YD.     |          |               |                     |
|                                   | BORROW                                  | CU.YD.     | 75,000   | \$ 14.00      | 1,050,000           |
|                                   | SUBGRADE TREATMENT                      | SQ.YD.     |          |               |                     |
|                                   | FURNISH WATER                           | L.SUM      | 1        | \$ 316,500.00 | 316,500             |
|                                   | MISCELLANEOUS ITEMS                     | L.SUM      |          |               |                     |
|                                   | <b>TOTAL ITEM 200</b>                   |            |          |               | 1,976,500           |
| 300 & 400                         | <b>BASE AND SURFACE TREATMENT</b>       |            |          |               |                     |
|                                   | AGGREGATE BASE                          | SQ.YD.     | 20,906   | \$ 4.00       | 83,620              |
|                                   | CONCRETE PAVEMENT                       | SQ.YD.     | 20,906   | \$ 67.00      | 1,400,700           |
|                                   | ASPHALT PAVEMENT                        | SQ.YD.     |          |               |                     |
|                                   | ARAC SURFACE                            | SQ.YD.     | 0        | \$ 6.00       | 0                   |
|                                   | MILLING & OVERLAY                       | SQ.YD.     |          |               |                     |
|                                   | MISCELLANEOUS ITEMS                     | L.SUM      |          |               |                     |
|                                   | <b>TOTAL ITEM 300 &amp; 400</b>         |            |          |               | 1,484,320           |
| 500                               | <b>DRAINAGE</b>                         |            |          |               |                     |
|                                   | DRAINAGE SYSTEM (CLOSED)                | L.FT.      | 3,500    | \$ 255.00     | 892,500             |
|                                   | DRAINAGE SYSTEM (OPEN)                  | L.FT.      |          |               |                     |
|                                   | DRAINAGE SYSTEM (CONVEYANCE CHANNEL)    | L.FT.      |          |               |                     |
|                                   | PUMP STATION (NEW)                      | EACH       |          |               |                     |
|                                   | PIPE CULVERTS                           | L.FT.      |          |               |                     |
|                                   | MISCELLANEOUS ITEMS                     | L.SUM      |          |               |                     |
|                                   | <b>TOTAL ITEM 500</b>                   |            |          |               | 892,500             |
| 600                               | <b>STRUCTURES</b>                       |            |          |               |                     |
|                                   | FLYOVER RAMP (NEW SYSTEM TI)            | SQ.FT.     |          |               |                     |
|                                   | FLYOVER HOV RAMP                        | SQ.FT.     | 124,664  | \$ 220.00     | 27,426,180          |
|                                   | OVERPASS TI BRIDGE                      | SQ.FT.     |          |               |                     |
|                                   | RIVER CROSSING BRIDGE                   | SQ.FT.     |          |               |                     |
|                                   | PEDESTRIAN BRIDGE                       | SQ.FT.     |          |               |                     |
|                                   | BRIDGE WIDENING                         | SQ.FT.     |          |               |                     |
|                                   | BRIDGE REHABILITATION                   | SQ.FT.     |          |               |                     |
|                                   | BOX CULVERT                             | L.FT./CELL |          |               |                     |
|                                   | SIGN STRUCTURES                         | EACH       | 2        | \$ 100,000.00 | 200,000             |
|                                   | ITS STRUCTURE AND PANEL                 | EACH       |          |               |                     |
|                                   | O&M CROSSING                            | EACH       |          |               |                     |
|                                   | MISCELLANEOUS ITEMS                     | L.SUM      |          |               |                     |
|                                   | <b>TOTAL ITEM 600</b>                   |            |          |               | 27,626,180          |
| 700                               | <b>TRAFFIC ENGINEERING</b>              |            |          |               |                     |
|                                   | SIGNING (FREEWAY)                       | MILE/DIR   | 1        | \$ 35,000.00  | 35,000              |
|                                   | SIGNING (STREET)                        | MILE       |          |               |                     |
|                                   | PAVEMENT MARKING                        | LANE-MILE  | 2.00     | \$ 5,000.00   | 10,000              |
|                                   | LIGHTING                                | MILE       | 1.00     | \$ 375,000.00 | 375,000             |
|                                   | TRAFFIC SIGNAL                          | EACH       |          |               |                     |
|                                   | INTELLIGENT TRANSPORTATION SYSTEM (ITS) | MILE       |          |               |                     |
|                                   | MISCELLANEOUS ITEMS                     | L.SUM      |          |               |                     |
|                                   | <b>TOTAL ITEM 700</b>                   |            |          |               | 420,000             |
| 800                               | <b>ROADSIDE DEVELOPMENT</b>             |            |          |               |                     |
|                                   | LANDSCAPING AND TOPSOIL                 | SQ.YD.     |          |               |                     |
|                                   | UTILITY RELOCATION                      | L.SUM      |          |               |                     |
|                                   | MISCELLANEOUS ITEMS                     | L.SUM      |          |               |                     |
|                                   | <b>TOTAL ITEM 800</b>                   |            |          |               | 0                   |
| 900                               | <b>INCIDENTALS</b>                      |            |          |               |                     |
|                                   | RETAINING WALLS                         | SQ.FT.     | 40,000   | \$ 75.00      | 3,000,000           |
|                                   | SOUND WALLS                             | SQ.FT.     |          | \$ 40.00      |                     |
|                                   | ROADWAY APPURTENANCES                   | L.SUM      | 1        | \$ 840,000.00 | 840,000             |
|                                   | ADA IMPROVEMENTS                        | EACH       |          |               |                     |
|                                   | TRANSIT APPURTENANCES                   | L.SUM      |          |               |                     |
|                                   | RAILROAD ACCOMMODATIONS                 | L.SUM      |          |               |                     |
|                                   | MISCELLANEOUS ITEMS                     | L.SUM      |          |               |                     |
|                                   | <b>TOTAL ITEM 900</b>                   |            |          |               | 3,840,000           |
| <b>SUBTOTAL A (ITEM SUBTOTAL)</b> |   |            |          |               | <b>\$36,239,500</b> |

**ARIZONA DEPARTMENT OF TRANSPORTATION  
CONSTRUCTION COST ESTIMATE SUMMARY**

**PROJECT NAME:** 303L/I-17 DHOV Connectors  
**ROUTE:** 303L/I-17  
**PROJECT LIMITS:** EB 303 to SB -17, NB I-17 to WB 303  
**LENGTH:** 1.0 miles

**PROJECT DESCRIPTION:** DHOV  
**ESTIMATE LEVEL:** Level 0  
**BASE YEAR:** FY2021  
**DATE:** 8/12/2021

| ITEM       | MAJOR ITEM DESCRIPTION  | UNIT  | QUANTITY | UNIT COST | TOTAL COST          |                   |
|------------|---|---|----------|-----------|---------------------|-------------------|
| PW         | <b>PROJECT WIDE</b>   |   |          |           |                     |                   |
|            |   | TRAFFIC CONTROL (8% OF SUBTOTAL A)  |          | 8.0%      | 2,899,200           |                   |
|            |   | DUST PALLIATIVE (0% OF SUBTOTAL A) (INCLUDED IN FURNISH WATER)                  |          | 0.0%      | 0                   |                   |
|            |   | QUALITY CONTROL (1% OF SUBTOTAL A)  |          | 1.0%      | 362,400             |                   |
|            |   | CONSTRUCTION SURVEYING (1.5% OF SUBTOTAL A)                                     |          | 1.5%      | 543,600             |                   |
|            |   | EROSION CONTROL (1% OF SUBTOTAL A)  |          | 1.0%      | 362,400             |                   |
|            |   | MOBILIZATION (8% OF SUBTOTAL A)   |          | 8.0%      | 2,899,200           |                   |
|            |   | UNIDENTIFIED ITEMS (20% OF SUBTOTAL A)  |          | 20.0%     | 7,247,900           |                   |
|            | <b>SUBTOTAL B (SUBTOTAL A + PROJECT WIDE)</b>                                 |   |          |           | <b>\$50,554,200</b> |                   |
| OTHER PROJ | <b>OTHER PROJECT COSTS</b>  |   |          |           |                     |                   |
|            |   | DPS TRAFFIC CONTROL   |          |           | 0                   |                   |
|            |   | JOINT PROJECT AGREEMENT ITEMS   |          |           | 0                   |                   |
|            |   | CONTRACTOR INCENTIVES   |          |           | 70,000              |                   |
|            |   | ENVIRONMENTAL MITIGATION  |          |           | 0                   |                   |
|            | <b>BASE YEAR CONSTRUCTION COST (EXCLUDING UTILITIES &amp; R/W)</b>            |   |          |           | <b>\$50,624,200</b> |                   |
| INFL       | <b>INFLATION AND BELOW THE LINE ITEMS</b>                                     |   |          |           |                     |                   |
|            |   | POST DESIGN SERVICES (1% OF BASE YEAR CONSTRUCTION COST)                        |          | 1.0%      | 506,200             |                   |
|            |   | CONSTRUCTION CONTINGENCIES (5% OF BASE YEAR CONSTRUCTION COST)                  |          | 5.0%      | 2,531,200           |                   |
|            |   | CONSTRUCTION ENGINEERING (8% OF BASE YEAR CONSTRUCTION COST)                    |          | 8.0%      | 4,049,900           |                   |
|            |   | <b>SUBTOTAL BASE YEAR CONSTRUCTION</b>  |          |           |                     | <b>57,711,500</b> |
|            |   | INDIRECT COST ALLOCATION (10.5% OF BASE YEAR CONSTRUCTION+BELOW THE LINE ITEMS) |          | 10.50%    | 6,059,700           |                   |
|            |   | LABOR AND MATERIAL INFLATION TO CONSTRUCTION FISCAL YEAR 2021                   |          | 1.0000    | 0                   |                   |
|            | <b>BASE YEAR DEPARTMENT CONSTRUCTION COST (EXCLUDING UTILITIES &amp; R/W)</b> |   |          |           | <b>\$63,771,200</b> |                   |
| DES        | <b>PREDESIGN AND FINAL DESIGN</b>   |   |          |           |                     |                   |
|            |   | PREDESIGN/NEPA/PI SERVICES (0.5% OF BASE YEAR CONSTRUCTION COST)                |          | 0.5%      | 253,100             |                   |
|            |   | INDIRECT COST ALLOCATION (10.5% OF ALL DESIGN COSTS)                            |          | 10.50%    | 26,600              |                   |
|            |   | PREDESIGN COST INFLATION TO CONSTRUCTION FISCAL YEAR 2021                       |          | 1.0000    | 0                   |                   |
|            |   | <b>SUBTOTAL PREDESIGN</b>   |          |           |                     | <b>279,700</b>    |
|            |   | FINAL DESIGN SERVICES (8% OF BASE YEAR CONSTRUCTION COST)                       |          | 8.0%      | 4,049,900           |                   |
|            |   | INDIRECT COST ALLOCATION (10.5% OF ALL DESIGN COSTS)                            |          | 10.50%    | 425,200             |                   |
|            |   | FINAL DESIGN COST INFLATION TO CONSTRUCTION FISCAL YEAR 2021                    |          | 1.0000    | 0                   |                   |
|            | <b>SUBTOTAL FINAL DESIGN</b>  |   |          |           | <b>4,475,100</b>    |                   |
|            | <b>TOTAL ESTIMATED DESIGN COST</b>  |   |          |           | <b>\$4,754,800</b>  |                   |
| UTIL       | <b>UTILITY RELOCATION</b>   |   |          |           |                     |                   |
|            |   | PRIOR RIGHT UTILITY RELOCATIONS & SERVICE AGREEMENTS                            |          |           | 0                   |                   |
|            |   | INDIRECT COST ALLOCATION (10.5% OF ALL UTILITY COSTS)                           |          | 10.50%    | 0                   |                   |
|            |   | UTILITY RELOCATION COST INFLATION TO CONSTRUCTION FISCAL YEAR 2021              |          | 1.0000    | 0                   |                   |
|            | <b>TOTAL ESTIMATED UTILITY COST</b>   |   |          |           | <b>\$0</b>          |                   |
| R/W        | <b>RIGHT-OF-WAY</b>   |   |          |           |                     |                   |
|            |   | RIGHT-OF-WAY  |          |           | 0                   |                   |
|            |   | INDIRECT COST ALLOCATION (10.5% OF ALL RIGHT-OF-WAY COSTS)                      |          | 10.50%    | 0                   |                   |
|            |   | RIGHT-OF-WAY PRICE ESCALATION TO ACQUISITION FISCAL YEAR 2021                   |          | 1.0000    | 0                   |                   |
|            | <b>TOTAL ESTIMATED RIGHT-OF-WAY COSTS</b>                                     |   |          |           | <b>\$0</b>          |                   |
|            | <b>TOTAL ESTIMATED PROJECT COST</b>   |   |          |           | <b>\$68,526,000</b> |                   |



# ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT OVERVIEW

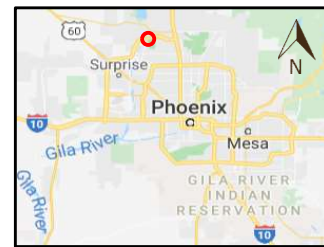
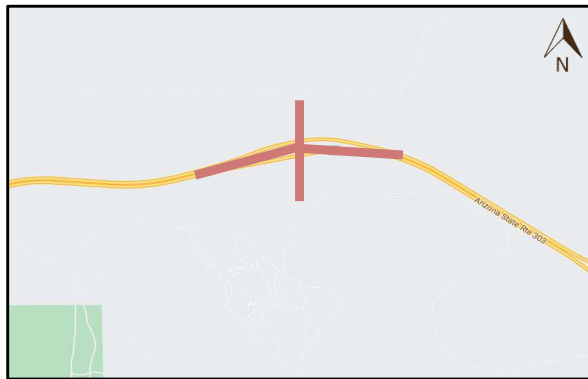
**PROJECT NAME:** SR 303 at 67th Ave - Diamond TI **MAP ID:** N/A  
**ROUTE:** SR 303 **PROJECT DESCRIPTION:** NEW TI  
**PROJECT LIMITS:** 0.5 mi west of 67th Ave to 0.6 mi east of 67th Ave **ESTIMATE LEVEL:** Stage I (15%)  
**LENGTH:** 1.1 mi **DATE:** 8/9/2021

|                                    |  |
|------------------------------------|--|
| <b>PROJECT NUMBER:</b>             | TBD  |
| <b>FED. PROJECT NO.:</b>           | TBD  |
| <b>DELIVERY FY (YYYY):</b>         | TBD  |
| <b>ADOT PROGRAM NUMBER:</b>        | TBD  |
| <b>MAG TIP ID:</b>                 | TBD  |
| <b>DESIGNER:</b>                   | TBD  |
| <b>PROJECT OBJECTIVE AND NEED:</b> | To construct a diamond TI at SR 303 and 67th Ave |

### PROJECT DESCRIPTION

|  |  |
|--|--|
| <b>Description of Limits:</b>                      | 0.5 mi west of 67th Ave to 0.6 mi east of 67th Ave |
| <b>Length/Milepost Limits:</b>                     | 1.1 / MP 133.9-14.0                                |
| <b>Miles (Depressed, At-Grade, Elev, Rolling):</b> | 1.1 <span style="float: right;">At Grade</span>    |
| <b>Number of Lanes:</b>                            | 6  |
| <b>Total Lane Miles:</b>                           | 12.5   |
| <b>Roadway Environment:</b>                        | Rural  |
| <b>Roadway Type:</b>                               | Principal Arterial (Freeway)                       |
| <b>Pavement Type:</b>                              | PCCP w/ ARACFC                                     |
| <b>Median Type:</b>                                | Open   |

### VICINITY MAP



### PROJECT PROGRAMMING

# ARIZONA DEPARTMENT OF TRANSPORTATION

## PROJECT DETAILS

**PROJECT NAME:** SR 303 at 67th Ave - Diamond TI

**ROUTE:** SR 303

**PROJECT DESCRIPTION:** NEW TI

**PROJECT LIMITS:** 0.5 mi west of 67th Ave to 0.6 mi east of 67th Ave

**ESTIMATE LEVEL:** Stage I (15%)

**LENGTH:** 1.1 mi

**DATE:** 8/9/2021

|  |                                   |          |                         |              |
|--|-----------------------------------|----------|-------------------------|--------------|
| <b>PROJECT NUMBER:</b> TBD   | <b>FED. PROJECT NO.:</b> TBD      |          |                         |              |
| <b>PROJECT DETAILS</b>   |                                   |          |                         |              |
| <p><b>ESTIMATE:</b> This estimate is for the construction of a diamond TI at SR 303 and 67th Ave. This estimate includes work along 67th Ave within ADOT right of way.</p> <p><b>STRUCTURES:</b> SR 303 will cross over 67th Ave on a new bridge.</p> <p><b>RAMPS:</b> EB and WB entrance and exit ramps will be aligned with existing PCCP.</p> <p><b>MAINLINE:</b> A six-lane mainline section will be constructed.</p> <p><b>RIGHT OF WAY:</b> No additional right of way will be required.</p> <p><b>RELATED PROJECTS:</b> N/A</p> |                                   |          |                         |              |
| <b>WORK INVOLVED/QUANTITIES</b>  |                                   |          |                         |              |
|  | Y/N                               | Quantity | Unit                    | Cost         |
| <b>Earthwork:</b>  | Yes                               | 21,200   | CU.YD.                  | \$ 296,800   |
| <b>Retaining Walls:</b>  | No                                | 0        | SQ.FT.                  |              |
| <b>Sound Walls:</b>  | No                                | 0        | SQ.FT.                  |              |
| <b>Base and Surface Treatment:</b>   | Yes                               | 1        | L.SUM                   | \$ 4,980,000 |
| <b>New Bridge:</b>   | Yes                               | 20,959   | SQ.FT.                  | \$ 2,934,260 |
| <b>Bridge Widening:</b>  | No                                | 0        | SQ.FT.                  |              |
| <b>Utility Involvement:</b>  | Yes                               | 1        | L.SUM                   | \$ 100,000   |
| <b>Traffic Control:</b>  | Yes                               | 1        | L.SUM                   | \$ 920,800   |
| <b>Traffic Lighting:</b>   | Yes                               | 1.10     | MILE                    | \$ 412,500   |
| <b>Traffic Signals:</b>  | Yes                               | 2        | EACH                    | \$ 600,000   |
| <b>Freeway Management:</b>   | No                                | 0.00     | MILE                    |              |
| <b>Drainage System - Closed:</b>   | Yes                               | 13,600   | L.FT.                   | \$ 3,468,000 |
| <b>Drainage System - Open:</b>   | No                                | 0        | L.FT.                   |              |
| <b>Major Drainage Items:</b>   | No                                |          |                         |              |
| <b>Prior Right Utility Relocations &amp; Svc Agmts</b>   | No                                | 0        | L.SUM                   | \$ -         |
| <b>Right of Way:</b>   | No                                | 0        | L.SUM                   | \$ -         |
| <b>Other:</b>  | No                                |          |                         |              |
| <b>Interchanges:</b>   | <b>FULL INTERCHANGE</b>           |          | <b>HALF INTERCHANGE</b> |              |
|  | Diamond TI at SR 303 and 67th Ave |          |                         |              |
|  |                                   |          |                         |              |
|  |                                   |          |                         |              |
| <b>Bridges:</b>  | SR 303 Bridge                     |          |                         |              |
|  |                                   |          |                         |              |
|  |                                   |          |                         |              |

**ARIZONA DEPARTMENT OF TRANSPORTATION  
CONSTRUCTION COST ESTIMATE SUMMARY**

**PROJECT NAME:** SR 303 at 67th Ave - Diamond TI  
**ROUTE:** SR 303  
**PROJECT LIMITS:** 0.5 mi west of 67th Ave to 0.6 mi east of 67th Ave  
**LENGTH:** 1.1 mi

**PROJECT DESCRIPTION:** NEW TI  
**ESTIMATE LEVEL:** Stage I (15%)  
**BASE YEAR:** FY2021  
**DATE:** 8/9/2021

| ITEM                              | MAJOR ITEM DESCRIPTION                  | UNIT       | QUANTITY | UNIT COST     | TOTAL COST          |
|-----------------------------------|---|------------|----------|---------------|---------------------|
| <b>200</b>                        | <b>EARTHWORK</b>                        |            |          |               |                     |
|                                   | CLEARING & REMOVALS                     | L.SUM      | 1        | \$ 297,000.00 | 297,000             |
|                                   | ROADWAY EXCAVATION                      | CU.YD.     | 2,200    | \$ 14.00      | 30,800              |
|                                   | DRAINAGE EXCAVATION                     | CU.YD.     |          |               |                     |
|                                   | BORROW                                  | CU.YD.     | 19,000   | \$ 14.00      | 266,000             |
|                                   | SUBGRADE TREATMENT                      | SQ.YD.     |          |               |                     |
|                                   | FURNISH WATER                           | L.SUM      | 1        | \$ 154,000.00 | 154,000             |
|                                   | MISCELLANEOUS ITEMS                     | L.SUM      |          |               |                     |
|                                   | <b>TOTAL ITEM 200</b>                   |            |          |               | 747,800             |
| <b>300 &amp; 400</b>              | <b>BASE AND SURFACE TREATMENT</b>       |            |          |               |                     |
|                                   | AGGREGATE BASE                          | SQ.YD.     | 69,000   | \$ 10.00      | 690,000             |
|                                   | CONCRETE PAVEMENT                       | SQ.YD.     | 69,000   | \$ 58.00      | 4,002,000           |
|                                   | ASPHALT PAVEMENT                        | SQ.YD.     |          |               |                     |
|                                   | ARAC SURFACE                            | SQ.YD.     | 48,000   | \$ 6.00       | 288,000             |
|                                   | MILLING & OVERLAY                       | SQ.YD.     |          |               |                     |
| MISCELLANEOUS ITEMS               | L.SUM                                   |            |          |               |                     |
|                                   | <b>TOTAL ITEM 300 &amp; 400</b>         |            |          |               | 4,980,000           |
| <b>500</b>                        | <b>DRAINAGE</b>                         |            |          |               |                     |
|                                   | DRAINAGE SYSTEM (CLOSED)                | L.FT.      | 13,600   | \$ 255.00     | 3,468,000           |
|                                   | DRAINAGE SYSTEM (OPEN)                  | L.FT.      |          |               |                     |
|                                   | DRAINAGE SYSTEM (CONVEYANCE CHANNEL)    | L.FT.      |          |               |                     |
|                                   | PUMP STATION (NEW)                      | EACH       |          |               |                     |
|                                   | PIPE CULVERTS                           | L.FT.      |          |               |                     |
| MISCELLANEOUS ITEMS               | L.SUM                                   |            |          |               |                     |
|                                   | <b>TOTAL ITEM 500</b>                   |            |          |               | 3,468,000           |
| <b>600</b>                        | <b>STRUCTURES</b>                       |            |          |               |                     |
|                                   | FLYOVER RAMP (NEW SYSTEM TI)            | SQ.FT.     |          |               |                     |
|                                   | FLYOVER HOV RAMP                        | SQ.FT.     |          |               |                     |
|                                   | OVERPASS TI BRIDGE                      | SQ.FT.     | 20,959   | \$ 140.00     | 2,934,260           |
|                                   | RIVER CROSSING BRIDGE                   | SQ.FT.     |          |               |                     |
|                                   | PEDESTRIAN BRIDGE                       | SQ.FT.     |          |               |                     |
|                                   | BRIDGE WIDENING                         | SQ.FT.     |          |               |                     |
|                                   | BRIDGE REHABILITATION                   | SQ.FT.     |          |               |                     |
|                                   | BOX CULVERT                             | L.FT./CELL | 350      | \$ 1,330.00   | 465,500             |
|                                   | SIGN STRUCTURES                         | EACH       | 2        | \$ 65,000.00  | 130,000             |
|                                   | ITS STRUCTURE AND PANEL                 | EACH       |          |               |                     |
|                                   | O&M CROSSING                            | EACH       |          |               |                     |
| MISCELLANEOUS ITEMS               | L.SUM                                   |            |          |               |                     |
|                                   | <b>TOTAL ITEM 600</b>                   |            |          |               | 3,529,760           |
| <b>700</b>                        | <b>TRAFFIC ENGINEERING</b>              |            |          |               |                     |
|                                   | SIGNING (FREEWAY)                       | MILE/DIR   | 4        | \$ 35,000.00  | 123,300             |
|                                   | SIGNING (STREET)                        | MILE       | 0.30     | \$ 65,000.00  | 19,500              |
|                                   | PAVEMENT MARKING                        | LANE-MILE  | 12.50    | \$ 4,000.00   | 50,000              |
|                                   | LIGHTING                                | MILE       | 1.10     | \$ 375,000.00 | 412,500             |
|                                   | TRAFFIC SIGNAL                          | EACH       | 2        | \$ 300,000.00 | 600,000             |
|                                   | INTELLIGENT TRANSPORTATION SYSTEM (ITS) | MILE       |          |               |                     |
|                                   | MISCELLANEOUS ITEMS (ARTERIAL LIGHTING) | L.SUM      | 1        | \$ 150,000.00 | 150,000             |
|                                   | <b>TOTAL ITEM 700</b>                   |            |          |               | 1,355,300           |
| <b>800</b>                        | <b>ROADSIDE DEVELOPMENT</b>             |            |          |               |                     |
|                                   | LANDSCAPING AND TOPSOIL                 | SQ.YD.     | 60,000   | \$ 8.00       | 480,000             |
|                                   | UTILITY RELOCATION                      | L.SUM      | 1        | \$ 100,000.00 | 100,000             |
|                                   | MISCELLANEOUS ITEMS                     | L.SUM      |          |               |                     |
|                                   | <b>TOTAL ITEM 800</b>                   |            |          |               | 580,000             |
| <b>900</b>                        | <b>INCIDENTALS</b>                      |            |          |               |                     |
|                                   | RETAINING WALLS                         | SQ.FT.     |          |               |                     |
|                                   | SOUND WALLS                             | SQ.FT.     |          |               |                     |
|                                   | ROADWAY APPURTENANCES                   | L.SUM      | 1        | \$ 626,000.00 | 626,000             |
|                                   | ADA IMPROVEMENTS                        | EACH       | 20       | \$ 3,000.00   | 60,000              |
|                                   | TRANSIT APPURTENANCES                   | L.SUM      |          |               |                     |
|                                   | RAILROAD ACCOMMODATIONS                 | L.SUM      |          |               |                     |
| MISCELLANEOUS ITEMS               | L.SUM                                   |            |          |               |                     |
|                                   | <b>TOTAL ITEM 900</b>                   |            |          |               | 686,000             |
| <b>SUBTOTAL A (ITEM SUBTOTAL)</b> |   |            |          |               | <b>\$15,346,900</b> |

**ARIZONA DEPARTMENT OF TRANSPORTATION  
CONSTRUCTION COST ESTIMATE SUMMARY**

**PROJECT NAME:** SR 303 at 67th Ave - Diamond TI  
**ROUTE:** SR 303  
**PROJECT LIMITS:** 0.5 mi west of 67th Ave to 0.6 mi east of 67th Ave  
**LENGTH:** 1.1 mi

**PROJECT DESCRIPTION:** NEW TI  
**ESTIMATE LEVEL:** Stage I (15%)  
**BASE YEAR:** FY2021  
**DATE:** 8/9/2021

| ITEM              | MAJOR ITEM DESCRIPTION  | UNIT | QUANTITY | UNIT COST | TOTAL COST          |
|-------------------|---|------|----------|-----------|---------------------|
| <b>PW</b>         | <b>PROJECT WIDE</b>   |      |          |           |                     |
|                   | TRAFFIC CONTROL (6% OF SUBTOTAL A)  |      |          | 6.0%      | 920,800             |
|                   | DUST PALLIATIVE (0% OF SUBTOTAL A) (INCLUDED IN FURNISH WATER)                  |      |          | 0.0%      | 0                   |
|                   | QUALITY CONTROL (1% OF SUBTOTAL A)  |      |          | 1.0%      | 153,500             |
|                   | CONSTRUCTION SURVEYING (1.5% OF SUBTOTAL A)                                     |      |          | 1.5%      | 230,200             |
|                   | EROSION CONTROL (1% OF SUBTOTAL A)  |      |          | 1.0%      | 153,500             |
|                   | MOBILIZATION (8% OF SUBTOTAL A)   |      |          | 8.0%      | 1,227,800           |
|                   | UNIDENTIFIED ITEMS (20% OF SUBTOTAL A)  |      |          | 20.0%     | 3,069,400           |
|                   | <b>SUBTOTAL B (SUBTOTAL A + PROJECT WIDE)</b>                                   |      |          |           | <b>\$21,102,100</b> |
| <b>OTHER PROJ</b> | <b>OTHER PROJECT COSTS</b>  |      |          |           |                     |
|                   | DPS TRAFFIC CONTROL   |      |          |           | 0                   |
|                   | JOINT PROJECT AGREEMENT ITEMS   |      |          |           | 0                   |
|                   | CONTRACTOR INCENTIVES   |      |          |           | 0                   |
|                   | ENVIRONMENTAL MITIGATION  |      |          |           | 0                   |
|                   | <b>BASE YEAR CONSTRUCTION COST (EXCLUDING UTILITIES &amp; R/W)</b>              |      |          |           | <b>\$21,102,100</b> |
| <b>INFL</b>       | <b>INFLATION AND BELOW THE LINE ITEMS</b>                                       |      |          |           |                     |
|                   | POST DESIGN SERVICES (1% OF BASE YEAR CONSTRUCTION COST)                        |      |          | 1.0%      | 211,000             |
|                   | CONSTRUCTION CONTINGENCIES (5% OF BASE YEAR CONSTRUCTION COST)                  |      |          | 5.0%      | 1,055,100           |
|                   | CONSTRUCTION ENGINEERING (8% OF BASE YEAR CONSTRUCTION COST)                    |      |          | 8.0%      | 1,688,200           |
|                   | <b>SUBTOTAL BASE YEAR CONSTRUCTION</b>  |      |          |           | <b>24,056,400</b>   |
|                   | INDIRECT COST ALLOCATION (10.5% OF BASE YEAR CONSTRUCTION+BELOW THE LINE ITEMS) |      |          | 10.50%    | 2,525,900           |
|                   | LABOR AND MATERIAL INFLATION TO CONSTRUCTION FISCAL YEAR 2021                   |      |          | 1.0000    | 0                   |
|                   | <b>BASE YEAR DEPARTMENT CONSTRUCTION COST (EXCLUDING UTILITIES &amp; R/W)</b>   |      |          |           | <b>\$26,582,300</b> |
| <b>DES</b>        | <b>PREDESIGN AND FINAL DESIGN</b>   |      |          |           |                     |
|                   | PREDESIGN/NEPA/PI SERVICES (3% OF BASE YEAR CONSTRUCTION COST)                  |      |          | 3.0%      | 633,100             |
|                   | INDIRECT COST ALLOCATION (10.5% OF ALL DESIGN COSTS)                            |      |          | 10.50%    | 66,500              |
|                   | PREDESIGN COST INFLATION TO CONSTRUCTION FISCAL YEAR 2021                       |      |          | 1.0000    | 0                   |
|                   | <b>SUBTOTAL PREDESIGN</b>   |      |          |           | <b>699,600</b>      |
|                   | FINAL DESIGN SERVICES (8% OF BASE YEAR CONSTRUCTION COST)                       |      |          | 8.0%      | 1,688,200           |
|                   | INDIRECT COST ALLOCATION (10.5% OF ALL DESIGN COSTS)                            |      |          | 10.50%    | 177,300             |
|                   | FINAL DESIGN COST INFLATION TO CONSTRUCTION FISCAL YEAR 2021                    |      |          | 1.0000    | 0                   |
|                   | <b>SUBTOTAL FINAL DESIGN</b>  |      |          |           | <b>1,865,500</b>    |
|                   | <b>TOTAL ESTIMATED DESIGN COST</b>  |      |          |           | <b>\$2,565,100</b>  |
| <b>UTIL</b>       | <b>UTILITY RELOCATION</b>   |      |          |           |                     |
|                   | PRIOR RIGHT UTILITY RELOCATIONS & SERVICE AGREEMENTS                            |      |          |           |                     |
|                   | INDIRECT COST ALLOCATION (10.5% OF ALL UTILITY COSTS)                           |      |          | 10.50%    | 0                   |
|                   | UTILITY RELOCATION COST INFLATION TO CONSTRUCTION FISCAL YEAR 2021              |      |          | 1.0000    | 0                   |
|                   | <b>TOTAL ESTIMATED UTILITY COST</b>   |      |          |           | <b>\$0</b>          |
| <b>R/W</b>        | <b>RIGHT-OF-WAY</b>   |      |          |           |                     |
|                   | RIGHT-OF-WAY  |      |          |           |                     |
|                   | INDIRECT COST ALLOCATION (10.5% OF ALL RIGHT-OF-WAY COSTS)                      |      |          | 10.50%    | 0                   |
|                   | RIGHT-OF-WAY PRICE ESCALATION TO ACQUISITION FISCAL YEAR 2021                   |      |          | 1.0000    | 0                   |
|                   | <b>TOTAL ESTIMATED RIGHT-OF-WAY COSTS</b>                                       |      |          |           | <b>\$0</b>          |
|                   | <b>TOTAL ESTIMATED PROJECT COST</b>   |      |          |           | <b>\$29,147,000</b> |

# ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT OVERVIEW

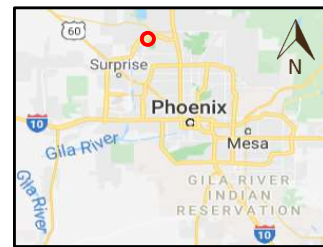
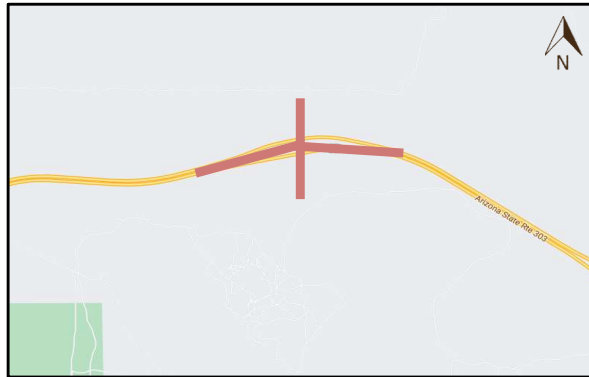
**PROJECT NAME:** SR 303 at 67th Ave - SPUI **MAP ID:** N/A  
**ROUTE:** SR 303 **PROJECT DESCRIPTION:** NEW TI  
**PROJECT LIMITS:** 0.5 mi west of 67th Ave to 0.6 mi east of 67th Ave **ESTIMATE LEVEL:** Stage I (15%)  
**LENGTH:** 1.1 mi **DATE:** 8/9/2021

|                                    |  |
|------------------------------------|--|
| <b>PROJECT NUMBER:</b>             | TBD  |
| <b>FED. PROJECT NO.:</b>           | TBD  |
| <b>DELIVERY FY (YYYY):</b>         | TBD  |
| <b>ADOT PROGRAM NUMBER:</b>        | TBD  |
| <b>MAG TIP ID:</b>                 | TBD  |
| <b>DESIGNER:</b>                   | TBD  |
| <b>PROJECT OBJECTIVE AND NEED:</b> | To construct a SPUI at SR 303 and 67th Ave |

### PROJECT DESCRIPTION

|  |  |          |
|--|--|----------|
| <b>Description of Limits:</b>                      | 0.5 mi west of 67th Ave to 0.6 mi east of 67th Ave |          |
| <b>Length/Milepost Limits:</b>                     | 1.1 / MP 133.9-14.0                                |          |
| <b>Miles (Depressed, At-Grade, Elev, Rolling):</b> | 1.1  | At Grade |
| <b>Number of Lanes:</b>                            | 6  |          |
| <b>Total Lane Miles:</b>                           | 13.9   |          |
| <b>Roadway Environment:</b>                        | Rural  |          |
| <b>Roadway Type:</b>                               | Principal Arterial (Freeway)                       |          |
| <b>Pavement Type:</b>                              | PCCP w/ ARACFC                                     |          |
| <b>Median Type:</b>                                | Open   |          |

### VICINITY MAP



### PROJECT PROGRAMMING

# ARIZONA DEPARTMENT OF TRANSPORTATION

## PROJECT DETAILS

**PROJECT NAME:** SR 303 at 67th Ave - SPUI

**ROUTE:** SR 303

**PROJECT DESCRIPTION:** NEW TI

**PROJECT LIMITS:** 0.5 mi west of 67th Ave to 0.6 mi east of 67th Ave

**ESTIMATE LEVEL:** Stage I (15%)

**LENGTH:** 1.1 mi

**DATE:** 8/9/2021

|  |                             |                          |                         |              |  |
|--|-----------------------------|--------------------------|-------------------------|--------------|--|
| <b>PROJECT NUMBER:</b>   | TBD                         | <b>FED. PROJECT NO.:</b> | TBD                     |              |  |
| <b>PROJECT DETAILS</b>   |                             |                          |                         |              |  |
| <p><b>ESTIMATE:</b> This estimate is for the construction of a SPUI at SR 303 and 67th Ave. This estimate includes work along 67th Ave within ADOT right of way.</p> <p><b>STRUCTURES:</b> SR 303 will cross over 67th Ave on a new bridge.</p> <p><b>RAMPS:</b> EB and WB entrance and exit ramps will be aligned with existing PCCP.</p> <p><b>MAINLINE:</b> A six-lane mainline section will be constructed.</p> <p><b>RIGHT OF WAY:</b> No additional right of way will be required.</p> <p><b>RELATED PROJECTS:</b> N/A</p> |                             |                          |                         |              |  |
| <b>WORK INVOLVED/QUANTITIES</b>  |                             |                          |                         |              |  |
|  | Y/N                         | Quantity                 | Unit                    | Cost         |  |
| <b>Earthwork:</b>  | Yes                         | 71,400                   | CU.YD.                  | \$ 999,600   |  |
| <b>Retaining Walls:</b>  | No                          | 0                        | SQ.FT.                  |              |  |
| <b>Sound Walls:</b>  | No                          | 0                        | SQ.FT.                  |              |  |
| <b>Base and Surface Treatment:</b>   | Yes                         | 1                        | L.SUM                   | \$ 5,184,000 |  |
| <b>New Bridge:</b>   | Yes                         | 24,849                   | SQ.FT.                  | \$ 3,478,860 |  |
| <b>Bridge Widening:</b>  | No                          | 0                        | SQ.FT.                  |              |  |
| <b>Utility Involvement:</b>  | Yes                         | 1                        | L.SUM                   | \$ 100,000   |  |
| <b>Traffic Control:</b>  | Yes                         | 1                        | L.SUM                   | \$ 1,013,000 |  |
| <b>Traffic Lighting:</b>   | Yes                         | 1.10                     | MILE                    | \$ 412,500   |  |
| <b>Traffic Signals:</b>  | Yes                         | 1                        | EACH                    | \$ 450,000   |  |
| <b>Freeway Management:</b>   | No                          | 0.00                     | MILE                    |              |  |
| <b>Drainage System - Closed:</b>   | Yes                         | 14,000                   | L.FT.                   | \$ 3,570,000 |  |
| <b>Major Drainage Items:</b>   | No                          | 0                        | L.FT.                   |              |  |
| <b>Major Drainage Items:</b>   | No                          |                          |                         |              |  |
| <b>Prior Right Utility Relocations &amp; Svc Agmts</b>   | No                          | 0                        | L.SUM                   | \$ -         |  |
| <b>Right of Way:</b>   | No                          | 0                        | L.SUM                   | \$ -         |  |
| <b>Other:</b>  | No                          |                          |                         |              |  |
| <b>Interchanges:</b>   | <b>FULL INTERCHANGE</b>     |                          | <b>HALF INTERCHANGE</b> |              |  |
|  | SPUI at SR 303 and 67th Ave |                          |                         |              |  |
|  |                             |                          |                         |              |  |
|  |                             |                          |                         |              |  |
| <b>Bridges:</b>  | SR 303 Bridge               |                          |                         |              |  |
|  |                             |                          |                         |              |  |
|  |                             |                          |                         |              |  |

**ARIZONA DEPARTMENT OF TRANSPORTATION  
CONSTRUCTION COST ESTIMATE SUMMARY**

**PROJECT NAME:** SR 303 at 67th Ave - SPUI  
**ROUTE:** SR 303  
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**LENGTH:** 1.1 mi

**PROJECT DESCRIPTION:** NEW TI  
**ESTIMATE LEVEL:** Stage I (15%)  
**BASE YEAR:** FY2021  
**DATE:** 8/9/2021

| ITEM                              | MAJOR ITEM DESCRIPTION                  | UNIT       | QUANTITY | UNIT COST     | TOTAL COST          |
|-----------------------------------|---|------------|----------|---------------|---------------------|
| <b>200</b>                        | <b>EARTHWORK</b>                        |            |          |               |                     |
|                                   | CLEARING & REMOVALS                     | L.SUM      | 1        | \$ 297,000.00 | 297,000             |
|                                   | ROADWAY EXCAVATION                      | CU.YD.     | 2,400    | \$ 14.00      | 33,600              |
|                                   | DRAINAGE EXCAVATION                     | CU.YD.     |          |               |                     |
|                                   | BORROW                                  | CU.YD.     | 69,000   | \$ 14.00      | 966,000             |
|                                   | SUBGRADE TREATMENT                      | SQ.YD.     |          |               |                     |
|                                   | FURNISH WATER                           | L.SUM      | 1        | \$ 169,000.00 | 169,000             |
|                                   | MISCELLANEOUS ITEMS                     | L.SUM      |          |               |                     |
|                                   | <b>TOTAL ITEM 200</b>                   |            |          |               | 1,465,600           |
| <b>300 &amp; 400</b>              | <b>BASE AND SURFACE TREATMENT</b>       |            |          |               |                     |
|                                   | AGGREGATE BASE                          | SQ.YD.     | 72,000   | \$ 10.00      | 720,000             |
|                                   | CONCRETE PAVEMENT                       | SQ.YD.     | 72,000   | \$ 58.00      | 4,176,000           |
|                                   | ASPHALT PAVEMENT                        | SQ.YD.     |          |               |                     |
|                                   | ARAC SURFACE                            | SQ.YD.     | 48,000   | \$ 6.00       | 288,000             |
|                                   | MILLING & OVERLAY                       | SQ.YD.     |          |               |                     |
| MISCELLANEOUS ITEMS               | L.SUM                                   |            |          |               |                     |
|                                   | <b>TOTAL ITEM 300 &amp; 400</b>         |            |          |               | 5,184,000           |
| <b>500</b>                        | <b>DRAINAGE</b>                         |            |          |               |                     |
|                                   | DRAINAGE SYSTEM (CLOSED)                | L.FT.      | 14,000   | \$ 255.00     | 3,570,000           |
|                                   | DRAINAGE SYSTEM (OPEN)                  | L.FT.      |          |               |                     |
|                                   | DRAINAGE SYSTEM (CONVEYANCE CHANNEL)    | L.FT.      |          |               |                     |
|                                   | PUMP STATION (NEW)                      | EACH       |          |               |                     |
|                                   | PIPE CULVERTS                           | L.FT.      |          |               |                     |
| MISCELLANEOUS ITEMS               | L.SUM                                   |            |          |               |                     |
|                                   | <b>TOTAL ITEM 500</b>                   |            |          |               | 3,570,000           |
| <b>600</b>                        | <b>STRUCTURES</b>                       |            |          |               |                     |
|                                   | FLYOVER RAMP (NEW SYSTEM TI)            | SQ.FT.     |          |               |                     |
|                                   | FLYOVER HOV RAMP                        | SQ.FT.     |          |               |                     |
|                                   | OVERPASS TI BRIDGE                      | SQ.FT.     | 24,849   | \$ 140.00     | 3,478,860           |
|                                   | RIVER CROSSING BRIDGE                   | SQ.FT.     |          |               |                     |
|                                   | PEDESTRIAN BRIDGE                       | SQ.FT.     |          |               |                     |
|                                   | BRIDGE WIDENING                         | SQ.FT.     |          |               |                     |
|                                   | BRIDGE REHABILITATION                   | SQ.FT.     |          |               |                     |
|                                   | BOX CULVERT                             | L.FT./CELL | 300      | \$ 1,330.00   | 399,000             |
|                                   | SIGN STRUCTURES                         | EACH       | 2        | \$ 65,000.00  | 130,000             |
|                                   | ITS STRUCTURE AND PANEL                 | EACH       |          |               |                     |
| O&M CROSSING                      | EACH                                    |            |          |               |                     |
|                                   | <b>TOTAL ITEM 600</b>                   |            |          |               | 4,007,860           |
| <b>700</b>                        | <b>TRAFFIC ENGINEERING</b>              |            |          |               |                     |
|                                   | SIGNING (FREEWAY)                       | MILE/DIR   | 4        | \$ 35,000.00  | 123,300             |
|                                   | SIGNING (STREET)                        | MILE       | 0.30     | \$ 65,000.00  | 19,500              |
|                                   | PAVEMENT MARKING                        | LANE-MILE  | 13.90    | \$ 4,000.00   | 55,600              |
|                                   | LIGHTING                                | MILE       | 1.10     | \$ 375,000.00 | 412,500             |
|                                   | TRAFFIC SIGNAL                          | EACH       | 1        | \$ 450,000.00 | 450,000             |
|                                   | INTELLIGENT TRANSPORTATION SYSTEM (ITS) | MILE       |          |               |                     |
|                                   | MISCELLANEOUS ITEMS (ARTERIAL LIGHTING) | L.SUM      | 1        | \$ 150,000.00 | 150,000             |
|                                   | <b>TOTAL ITEM 700</b>                   |            |          |               | 1,210,900           |
| <b>800</b>                        | <b>ROADSIDE DEVELOPMENT</b>             |            |          |               |                     |
|                                   | LANDSCAPING AND TOPSOIL                 | SQ.YD.     | 63,000   | \$ 8.00       | 504,000             |
|                                   | UTILITY RELOCATION                      | L.SUM      | 1        | \$ 100,000.00 | 100,000             |
| MISCELLANEOUS ITEMS               | L.SUM                                   |            |          |               |                     |
|                                   | <b>TOTAL ITEM 800</b>                   |            |          |               | 604,000             |
| <b>900</b>                        | <b>INCIDENTALS</b>                      |            |          |               |                     |
|                                   | RETAINING WALLS                         | SQ.FT.     |          |               |                     |
|                                   | SOUND WALLS                             | SQ.FT.     |          |               |                     |
|                                   | ROADWAY APPURTENANCES                   | L.SUM      | 1        | \$ 793,000.00 | 793,000             |
|                                   | ADA IMPROVEMENTS                        | EACH       | 16       | \$ 3,000.00   | 48,000              |
|                                   | TRANSIT APPURTENANCES                   | L.SUM      |          |               |                     |
|                                   | RAILROAD ACCOMMODATIONS                 | L.SUM      |          |               |                     |
| MISCELLANEOUS ITEMS               | L.SUM                                   |            |          |               |                     |
|                                   | <b>TOTAL ITEM 900</b>                   |            |          |               | 841,000             |
| <b>SUBTOTAL A (ITEM SUBTOTAL)</b> |   |            |          |               | <b>\$16,883,400</b> |

**ARIZONA DEPARTMENT OF TRANSPORTATION  
CONSTRUCTION COST ESTIMATE SUMMARY**

**PROJECT NAME:** SR 303 at 67th Ave - SPUI  
**ROUTE:** SR 303  
**PROJECT LIMITS:** 0.5 mi west of 67th Ave to 0.6 mi east of 67th Ave  
**LENGTH:** 1.1 mi

**PROJECT DESCRIPTION:** NEW TI  
**ESTIMATE LEVEL:** Stage I (15%)  
**BASE YEAR:** FY2021  
**DATE:** 8/9/2021

| ITEM              | MAJOR ITEM DESCRIPTION  | UNIT | QUANTITY | UNIT COST | TOTAL COST          |
|-------------------|---|------|----------|-----------|---------------------|
| <b>PW</b>         | <b>PROJECT WIDE</b>   |      |          |           |                     |
|                   | TRAFFIC CONTROL (6% OF SUBTOTAL A)  |      |          | 6.0%      | 1,013,000           |
|                   | DUST PALLIATIVE (0% OF SUBTOTAL A) (INCLUDED IN FURNISH WATER)                  |      |          | 0.0%      | 0                   |
|                   | QUALITY CONTROL (1% OF SUBTOTAL A)  |      |          | 1.0%      | 168,800             |
|                   | CONSTRUCTION SURVEYING (1.5% OF SUBTOTAL A)                                     |      |          | 1.5%      | 253,300             |
|                   | EROSION CONTROL (1% OF SUBTOTAL A)  |      |          | 1.0%      | 168,800             |
|                   | MOBILIZATION (8% OF SUBTOTAL A)   |      |          | 8.0%      | 1,350,700           |
|                   | UNIDENTIFIED ITEMS (20% OF SUBTOTAL A)  |      |          | 20.0%     | 3,376,700           |
|                   | <b>SUBTOTAL B (SUBTOTAL A + PROJECT WIDE)</b>                                   |      |          |           | <b>\$23,214,700</b> |
| <b>OTHER PROJ</b> | <b>OTHER PROJECT COSTS</b>  |      |          |           |                     |
|                   | DPS TRAFFIC CONTROL   |      |          |           | 0                   |
|                   | JOINT PROJECT AGREEMENT ITEMS   |      |          |           | 0                   |
|                   | CONTRACTOR INCENTIVES   |      |          |           | 0                   |
|                   | ENVIRONMENTAL MITIGATION  |      |          |           | 0                   |
|                   | <b>BASE YEAR CONSTRUCTION COST (EXCLUDING UTILITIES &amp; R/W)</b>              |      |          |           | <b>\$23,214,700</b> |
| <b>INFL</b>       | <b>INFLATION AND BELOW THE LINE ITEMS</b>                                       |      |          |           |                     |
|                   | POST DESIGN SERVICES (1% OF BASE YEAR CONSTRUCTION COST)                        |      |          | 1.0%      | 232,100             |
|                   | CONSTRUCTION CONTINGENCIES (5% OF BASE YEAR CONSTRUCTION COST)                  |      |          | 5.0%      | 1,160,700           |
|                   | CONSTRUCTION ENGINEERING (8% OF BASE YEAR CONSTRUCTION COST)                    |      |          | 8.0%      | 1,857,200           |
|                   | <b>SUBTOTAL BASE YEAR CONSTRUCTION</b>  |      |          |           | <b>26,464,700</b>   |
|                   | INDIRECT COST ALLOCATION (10.5% OF BASE YEAR CONSTRUCTION+BELOW THE LINE ITEMS) |      |          | 10.50%    | 2,778,800           |
|                   | LABOR AND MATERIAL INFLATION TO CONSTRUCTION FISCAL YEAR 2021                   |      |          | 1.0000    | 0                   |
|                   | <b>BASE YEAR DEPARTMENT CONSTRUCTION COST (EXCLUDING UTILITIES &amp; R/W)</b>   |      |          |           | <b>\$29,243,500</b> |
| <b>DES</b>        | <b>PREDESIGN AND FINAL DESIGN</b>   |      |          |           |                     |
|                   | PREDESIGN/NEPA/PI SERVICES (3% OF BASE YEAR CONSTRUCTION COST)                  |      |          | 3.0%      | 696,400             |
|                   | INDIRECT COST ALLOCATION (10.5% OF ALL DESIGN COSTS)                            |      |          | 10.50%    | 73,100              |
|                   | PREDESIGN COST INFLATION TO CONSTRUCTION FISCAL YEAR 2021                       |      |          | 1.0000    | 0                   |
|                   | <b>SUBTOTAL PREDESIGN</b>   |      |          |           | <b>769,500</b>      |
|                   | FINAL DESIGN SERVICES (8% OF BASE YEAR CONSTRUCTION COST)                       |      |          | 8.0%      | 1,857,200           |
|                   | INDIRECT COST ALLOCATION (10.5% OF ALL DESIGN COSTS)                            |      |          | 10.50%    | 195,000             |
|                   | FINAL DESIGN COST INFLATION TO CONSTRUCTION FISCAL YEAR 2021                    |      |          | 1.0000    | 0                   |
|                   | <b>SUBTOTAL FINAL DESIGN</b>  |      |          |           | <b>2,052,200</b>    |
|                   | <b>TOTAL ESTIMATED DESIGN COST</b>  |      |          |           | <b>\$2,821,700</b>  |
| <b>UTIL</b>       | <b>UTILITY RELOCATION</b>   |      |          |           |                     |
|                   | PRIOR RIGHT UTILITY RELOCATIONS & SERVICE AGREEMENTS                            |      |          |           | 0                   |
|                   | INDIRECT COST ALLOCATION (10.5% OF ALL UTILITY COSTS)                           |      |          | 10.50%    | 0                   |
|                   | UTILITY RELOCATION COST INFLATION TO CONSTRUCTION FISCAL YEAR 2021              |      |          | 1.0000    | 0                   |
|                   | <b>TOTAL ESTIMATED UTILITY COST</b>   |      |          |           | <b>\$0</b>          |
| <b>R/W</b>        | <b>RIGHT-OF-WAY</b>   |      |          |           |                     |
|                   | RIGHT-OF-WAY  |      |          |           | 0                   |
|                   | INDIRECT COST ALLOCATION (10.5% OF ALL RIGHT-OF-WAY COSTS)                      |      |          | 10.50%    | 0                   |
|                   | RIGHT-OF-WAY PRICE ESCALATION TO ACQUISITION FISCAL YEAR 2021                   |      |          | 1.0000    | 0                   |
|                   | <b>TOTAL ESTIMATED RIGHT-OF-WAY COSTS</b>                                       |      |          |           | <b>\$0</b>          |
|                   | <b>TOTAL ESTIMATED PROJECT COST</b>   |      |          |           | <b>\$32,065,000</b> |



# ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT OVERVIEW

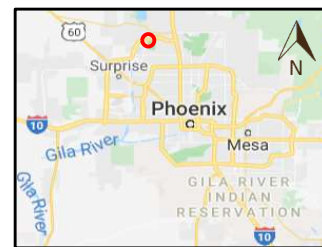
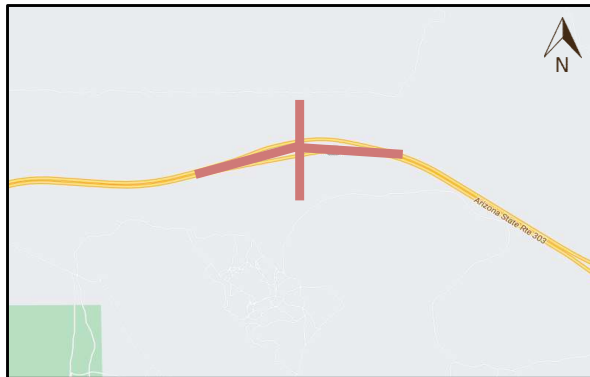
**PROJECT NAME:** SR 303 at 67th Ave - DDI **MAP ID:** N/A  
**ROUTE:** SR 303 **PROJECT DESCRIPTION:** NEW TI  
**PROJECT LIMITS:** 0.5 mi west of 67th Ave to 0.6 mi east of 67th Ave **ESTIMATE LEVEL:** Stage I (15%)  
**LENGTH:** 1.1 mi **DATE:** 8/9/2021

|                                    |   |
|------------------------------------|---|
| <b>PROJECT NUMBER:</b>             | TBD                                       |
| <b>FED. PROJECT NO.:</b>           | TBD                                       |
| <b>DELIVERY FY (YYYY):</b>         | TBD                                       |
| <b>ADOT PROGRAM NUMBER:</b>        | TBD                                       |
| <b>MAG TIP ID:</b>                 | TBD                                       |
| <b>DESIGNER:</b>                   | TBD                                       |
| <b>PROJECT OBJECTIVE AND NEED:</b> | To construct a DDI at SR 303 and 67th Ave |

### PROJECT DESCRIPTION

|  |  |
|--|--|
| <b>Description of Limits:</b>                      | 0.5 mi west of 67th Ave to 0.6 mi east of 67th Ave |
| <b>Length/Milepost Limits:</b>                     | 1.1 / MP 133.9-14.0                                |
| <b>Miles (Depressed, At-Grade, Elev, Rolling):</b> | 1.1 <span style="float: right;">At Grade</span>    |
| <b>Number of Lanes:</b>                            | 6  |
| <b>Total Lane Miles:</b>                           | 11.4   |
| <b>Roadway Environment:</b>                        | Rural  |
| <b>Roadway Type:</b>                               | Principal Arterial (Freeway)                       |
| <b>Pavement Type:</b>                              | PCCP w/ ARACFC                                     |
| <b>Median Type:</b>                                | Open   |

### VICINITY MAP



### PROJECT PROGRAMMING

# ARIZONA DEPARTMENT OF TRANSPORTATION

## PROJECT DETAILS

**PROJECT NAME:** SR 303 at 67th Ave - DDI

**ROUTE:** SR 303

**PROJECT DESCRIPTION:** NEW TI

**PROJECT LIMITS:** 0.5 mi west of 67th Ave to 0.6 mi east of 67th Ave

**ESTIMATE LEVEL:** Stage I (15%)

**LENGTH:** 1.1 mi

**DATE:** 8/9/2021

|  |                            |                              |                         |              |
|--|----------------------------|------------------------------|-------------------------|--------------|
| <b>PROJECT NUMBER:</b>   | TBD                        | <b>FED. PROJECT NO.:</b> TBD |                         |              |
| <b>PROJECT DETAILS</b>   |                            |                              |                         |              |
| <p><b>ESTIMATE:</b> This estimate is for the construction of a SPUI at SR 303 and 67th Ave. This estimate includes work along 67th Ave within ADOT right of way.</p> <p><b>STRUCTURES:</b> SR 303 will cross over 67th Ave on a new bridge.</p> <p><b>RAMPS:</b> EB and WB entrance and exit ramps will be aligned with existing PCCP.</p> <p><b>MAINLINE:</b> A six-lane mainline section will be constructed.</p> <p><b>RIGHT OF WAY:</b> No additional right of way will be required.</p> <p><b>RELATED PROJECTS:</b> N/A</p> |                            |                              |                         |              |
| <b>WORK INVOLVED/QUANTITIES</b>  |                            |                              |                         |              |
|  | Y/N                        | Quantity                     | Unit                    | Cost         |
| <b>Earthwork:</b>  | Yes                        | 21,200                       | CU.YD.                  | \$ 296,800   |
| <b>Retaining Walls:</b>  | No                         | 0                            | SQ.FT.                  |              |
| <b>Sound Walls:</b>  | No                         | 0                            | SQ.FT.                  |              |
| <b>Base and Surface Treatment:</b>   | Yes                        | 1                            | L.SUM                   | \$ 4,776,000 |
| <b>New Bridge:</b>   | Yes                        | 19,955                       | SQ.FT.                  | \$ 2,793,700 |
| <b>Bridge Widening:</b>  | No                         | 0                            | SQ.FT.                  |              |
| <b>Utility Involvement:</b>  | Yes                        | 1                            | L.SUM                   | \$ 100,000   |
| <b>Traffic Control:</b>  | Yes                        | 1                            | L.SUM                   | \$ 912,700   |
| <b>Traffic Lighting:</b>   | Yes                        | 1.10                         | MILE                    | \$ 412,500   |
| <b>Traffic Signals:</b>  | Yes                        | 2                            | EACH                    | \$ 600,000   |
| <b>Freeway Management:</b>   | No                         | 0.00                         | MILE                    |              |
| <b>Drainage System - Closed:</b>   | Yes                        | 13,600                       | L.FT.                   | \$ 3,468,000 |
| <b>Drainage System - Open:</b>   | No                         | 0                            | L.FT.                   |              |
| <b>Major Drainage Items:</b>   | No                         |                              |                         |              |
| <b>Prior Right Utility Relocations &amp; Svc Agmts</b>   | No                         | 0                            | L.SUM                   | \$ -         |
| <b>Right of Way:</b>   | No                         | 0                            | L.SUM                   | \$ -         |
| <b>Other:</b>  | No                         |                              |                         |              |
| <b>Interchanges:</b>   | <b>FULL INTERCHANGE</b>    |                              | <b>HALF INTERCHANGE</b> |              |
|  | DDI at SR 303 and 67th Ave |                              |                         |              |
|  |                            |                              |                         |              |
|  |                            |                              |                         |              |
| <b>Bridges:</b>  | SR 303 Bridge              |                              |                         |              |
|  |                            |                              |                         |              |
|  |                            |                              |                         |              |

**ARIZONA DEPARTMENT OF TRANSPORTATION  
CONSTRUCTION COST ESTIMATE SUMMARY**

**PROJECT NAME:** SR 303 at 67th Ave - DDI  
**ROUTE:** SR 303  
**PROJECT LIMITS:** 0.5 mi west of 67th Ave to 0.6 mi east of 67th Ave  
**LENGTH:** 1.1 mi

**PROJECT DESCRIPTION:** NEW TI  
**ESTIMATE LEVEL:** Stage I (15%)  
**BASE YEAR:** FY2021  
**DATE:** 8/9/2021

| ITEM                              | MAJOR ITEM DESCRIPTION                  | UNIT                  | QUANTITY | UNIT COST     | TOTAL COST          |
|-----------------------------------|---|-----------------------|----------|---------------|---------------------|
| <b>200</b>                        | <b>EARTHWORK</b>                        |                       |          |               |                     |
|                                   | CLEARING & REMOVALS                     | L.SUM                 | 1        | \$ 297,000.00 | 297,000             |
|                                   | ROADWAY EXCAVATION                      | CU.YD.                | 2,200    | \$ 14.00      | 30,800              |
|                                   | DRAINAGE EXCAVATION                     | CU.YD.                |          |               |                     |
|                                   | BORROW                                  | CU.YD.                | 19,000   | \$ 14.00      | 266,000             |
|                                   | SUBGRADE TREATMENT                      | SQ.YD.                |          |               |                     |
|                                   | FURNISH WATER                           | L.SUM                 | 1        | \$ 153,000.00 | 153,000             |
|                                   | MISCELLANEOUS ITEMS                     | L.SUM                 |          |               |                     |
|                                   | <b>TOTAL ITEM 200</b>                   |                       |          |               | 746,800             |
| <b>300 &amp; 400</b>              | <b>BASE AND SURFACE TREATMENT</b>       |                       |          |               |                     |
|                                   | AGGREGATE BASE                          | SQ.YD.                | 66,000   | \$ 10.00      | 660,000             |
|                                   | CONCRETE PAVEMENT                       | SQ.YD.                | 66,000   | \$ 58.00      | 3,828,000           |
|                                   | ASPHALT PAVEMENT                        | SQ.YD.                |          |               |                     |
|                                   | ARAC SURFACE                            | SQ.YD.                | 48,000   | \$ 6.00       | 288,000             |
|                                   | MILLING & OVERLAY                       | SQ.YD.                |          |               |                     |
| MISCELLANEOUS ITEMS               | L.SUM                                   |                       |          |               |                     |
|                                   | <b>TOTAL ITEM 300 &amp; 400</b>         |                       |          |               | 4,776,000           |
| <b>500</b>                        | <b>DRAINAGE</b>                         |                       |          |               |                     |
|                                   | DRAINAGE SYSTEM (CLOSED)                | L.FT.                 | 13,600   | \$ 255.00     | 3,468,000           |
|                                   | DRAINAGE SYSTEM (OPEN)                  | L.FT.                 |          |               |                     |
|                                   | DRAINAGE SYSTEM (CONVEYANCE CHANNEL)    | L.FT.                 |          |               |                     |
|                                   | PUMP STATION (NEW)                      | EACH                  |          |               |                     |
|                                   | PIPE CULVERTS                           | L.FT.                 |          |               |                     |
| MISCELLANEOUS ITEMS               | L.SUM                                   |                       |          |               |                     |
|                                   | <b>TOTAL ITEM 500</b>                   |                       |          |               | 3,468,000           |
| <b>600</b>                        | <b>STRUCTURES</b>                       |                       |          |               |                     |
|                                   | FLYOVER RAMP (NEW SYSTEM TI)            | SQ.FT.                |          |               |                     |
|                                   | FLYOVER HOV RAMP                        | SQ.FT.                |          |               |                     |
|                                   | OVERPASS TI BRIDGE                      | SQ.FT.                | 19,955   | \$ 140.00     | 2,793,700           |
|                                   | RIVER CROSSING BRIDGE                   | SQ.FT.                |          |               |                     |
|                                   | PEDESTRIAN BRIDGE                       | SQ.FT.                |          |               |                     |
|                                   | BRIDGE WIDENING                         | SQ.FT.                |          |               |                     |
|                                   | BRIDGE REHABILITATION                   | SQ.FT.                |          |               |                     |
|                                   | BOX CULVERT                             | L.FT./CELL            | 450      | \$ 1,330.00   | 598,500             |
|                                   | SIGN STRUCTURES                         | EACH                  | 2        | \$ 65,000.00  | 130,000             |
|                                   | ITS STRUCTURE AND PANEL                 | EACH                  |          |               |                     |
|                                   | O&M CROSSING                            | EACH                  |          |               |                     |
| MISCELLANEOUS ITEMS               | L.SUM                                   |                       |          |               |                     |
|                                   | <b>TOTAL ITEM 600</b>                   |                       |          |               | 3,522,200           |
| <b>700</b>                        | <b>TRAFFIC ENGINEERING</b>              |                       |          |               |                     |
|                                   | SIGNING (FREEWAY)                       | MILE/DIR              | 4        | \$ 35,000.00  | 123,300             |
|                                   | SIGNING (STREET)                        | MILE                  | 0.30     | \$ 65,000.00  | 19,500              |
|                                   | PAVEMENT MARKING                        | LANE-MILE             | 11.40    | \$ 4,000.00   | 45,600              |
|                                   | LIGHTING                                | MILE                  | 1.10     | \$ 375,000.00 | 412,500             |
|                                   | TRAFFIC SIGNAL                          | EACH                  | 2        | \$ 300,000.00 | 600,000             |
|                                   | INTELLIGENT TRANSPORTATION SYSTEM (ITS) | MILE                  |          |               |                     |
|                                   | MISCELLANEOUS ITEMS (ARTERIAL LIGHTING) | L.SUM                 | 1        | \$ 150,000.00 | 150,000             |
|                                   |   | <b>TOTAL ITEM 700</b> |          |               |                     |
| <b>800</b>                        | <b>ROADSIDE DEVELOPMENT</b>             |                       |          |               |                     |
|                                   | LANDSCAPING AND TOPSOIL                 | SQ.YD.                | 64,000   | \$ 8.00       | 512,000             |
|                                   | UTILITY RELOCATION                      | L.SUM                 | 1        | \$ 100,000.00 | 100,000             |
|                                   | MISCELLANEOUS ITEMS                     | L.SUM                 |          |               |                     |
|                                   | <b>TOTAL ITEM 800</b>                   |                       |          |               | 612,000             |
| <b>900</b>                        | <b>INCIDENTALS</b>                      |                       |          |               |                     |
|                                   | RETAINING WALLS                         | SQ.FT.                |          |               |                     |
|                                   | SOUND WALLS                             | SQ.FT.                |          |               |                     |
|                                   | ROADWAY APPURTENANCES                   | L.SUM                 | 1        | \$ 688,000.00 | 688,000             |
|                                   | ADA IMPROVEMENTS                        | EACH                  | 16       | \$ 3,000.00   | 48,000              |
|                                   | TRANSIT APPURTENANCES                   | L.SUM                 |          |               |                     |
|                                   | RAILROAD ACCOMMODATIONS                 | L.SUM                 |          |               |                     |
|                                   | MISCELLANEOUS ITEMS                     | L.SUM                 |          |               |                     |
|                                   | <b>TOTAL ITEM 900</b>                   |                       |          |               | 736,000             |
| <b>SUBTOTAL A (ITEM SUBTOTAL)</b> |   |                       |          |               | <b>\$15,211,900</b> |

**ARIZONA DEPARTMENT OF TRANSPORTATION  
CONSTRUCTION COST ESTIMATE SUMMARY**

**PROJECT NAME:** SR 303 at 67th Ave - DDI  
**ROUTE:** SR 303  
**PROJECT LIMITS:** 0.5 mi west of 67th Ave to 0.6 mi east of 67th Ave  
**LENGTH:** 1.1 mi

**PROJECT DESCRIPTION:** NEW TI  
**ESTIMATE LEVEL:** Stage I (15%)  
**BASE YEAR:** FY2021  
**DATE:** 8/9/2021

| ITEM              | MAJOR ITEM DESCRIPTION  | UNIT | QUANTITY | UNIT COST | TOTAL COST          |
|-------------------|---|------|----------|-----------|---------------------|
| <b>PW</b>         | <b>PROJECT WIDE</b>   |      |          |           |                     |
|                   | TRAFFIC CONTROL (6% OF SUBTOTAL A)  |      |          | 6.0%      | 912,700             |
|                   | DUST PALLIATIVE (0% OF SUBTOTAL A) (INCLUDED IN FURNISH WATER)                  |      |          | 0.0%      | 0                   |
|                   | QUALITY CONTROL (1% OF SUBTOTAL A)  |      |          | 1.0%      | 152,100             |
|                   | CONSTRUCTION SURVEYING (1.5% OF SUBTOTAL A)                                     |      |          | 1.5%      | 228,200             |
|                   | EROSION CONTROL (1% OF SUBTOTAL A)  |      |          | 1.0%      | 152,100             |
|                   | MOBILIZATION (8% OF SUBTOTAL A)   |      |          | 8.0%      | 1,217,000           |
|                   | UNIDENTIFIED ITEMS (20% OF SUBTOTAL A)  |      |          | 20.0%     | 3,042,400           |
|                   | <b>SUBTOTAL B (SUBTOTAL A + PROJECT WIDE)</b>                                   |      |          |           | <b>\$20,916,400</b> |
| <b>OTHER PROJ</b> | <b>OTHER PROJECT COSTS</b>  |      |          |           |                     |
|                   | DPS TRAFFIC CONTROL   |      |          |           | 0                   |
|                   | JOINT PROJECT AGREEMENT ITEMS   |      |          |           | 0                   |
|                   | CONTRACTOR INCENTIVES   |      |          |           | 0                   |
|                   | ENVIRONMENTAL MITIGATION  |      |          |           | 0                   |
|                   | <b>BASE YEAR CONSTRUCTION COST (EXCLUDING UTILITIES &amp; R/W)</b>              |      |          |           | <b>\$20,916,400</b> |
| <b>INFL</b>       | <b>INFLATION AND BELOW THE LINE ITEMS</b>                                       |      |          |           |                     |
|                   | POST DESIGN SERVICES (1% OF BASE YEAR CONSTRUCTION COST)                        |      |          | 1.0%      | 209,200             |
|                   | CONSTRUCTION CONTINGENCIES (5% OF BASE YEAR CONSTRUCTION COST)                  |      |          | 5.0%      | 1,045,800           |
|                   | CONSTRUCTION ENGINEERING (8% OF BASE YEAR CONSTRUCTION COST)                    |      |          | 8.0%      | 1,673,300           |
|                   | <b>SUBTOTAL BASE YEAR CONSTRUCTION</b>  |      |          |           | <b>23,844,700</b>   |
|                   | INDIRECT COST ALLOCATION (10.5% OF BASE YEAR CONSTRUCTION+BELOW THE LINE ITEMS) |      |          | 10.50%    | 2,503,700           |
|                   | LABOR AND MATERIAL INFLATION TO CONSTRUCTION FISCAL YEAR 2021                   |      |          | 1.0000    | 0                   |
|                   | <b>BASE YEAR DEPARTMENT CONSTRUCTION COST (EXCLUDING UTILITIES &amp; R/W)</b>   |      |          |           | <b>\$26,348,400</b> |
| <b>DES</b>        | <b>PREDESIGN AND FINAL DESIGN</b>   |      |          |           |                     |
|                   | PREDESIGN/NEPA/PI SERVICES (3% OF BASE YEAR CONSTRUCTION COST)                  |      |          | 3.0%      | 627,500             |
|                   | INDIRECT COST ALLOCATION (10.5% OF ALL DESIGN COSTS)                            |      |          | 10.50%    | 65,900              |
|                   | PREDESIGN COST INFLATION TO CONSTRUCTION FISCAL YEAR 2021                       |      |          | 1.0000    | 0                   |
|                   | <b>SUBTOTAL PREDESIGN</b>   |      |          |           | <b>693,400</b>      |
|                   | FINAL DESIGN SERVICES (8% OF BASE YEAR CONSTRUCTION COST)                       |      |          | 8.0%      | 1,673,300           |
|                   | INDIRECT COST ALLOCATION (10.5% OF ALL DESIGN COSTS)                            |      |          | 10.50%    | 175,700             |
|                   | FINAL DESIGN COST INFLATION TO CONSTRUCTION FISCAL YEAR 2021                    |      |          | 1.0000    | 0                   |
|                   | <b>SUBTOTAL FINAL DESIGN</b>  |      |          |           | <b>1,849,000</b>    |
|                   | <b>TOTAL ESTIMATED DESIGN COST</b>  |      |          |           | <b>\$2,542,400</b>  |
| <b>UTIL</b>       | <b>UTILITY RELOCATION</b>   |      |          |           |                     |
|                   | PRIOR RIGHT UTILITY RELOCATIONS & SERVICE AGREEMENTS                            |      |          |           |                     |
|                   | INDIRECT COST ALLOCATION (10.5% OF ALL UTILITY COSTS)                           |      |          | 10.50%    | 0                   |
|                   | UTILITY RELOCATION COST INFLATION TO CONSTRUCTION FISCAL YEAR 2021              |      |          | 1.0000    | 0                   |
|                   | <b>TOTAL ESTIMATED UTILITY COST</b>   |      |          |           | <b>\$0</b>          |
| <b>R/W</b>        | <b>RIGHT-OF-WAY</b>   |      |          |           |                     |
|                   | RIGHT-OF-WAY  |      |          |           |                     |
|                   | INDIRECT COST ALLOCATION (10.5% OF ALL RIGHT-OF-WAY COSTS)                      |      |          | 10.50%    | 0                   |
|                   | RIGHT-OF-WAY PRICE ESCALATION TO ACQUISITION FISCAL YEAR 2021                   |      |          | 1.0000    | 0                   |
|                   | <b>TOTAL ESTIMATED RIGHT-OF-WAY COSTS</b>                                       |      |          |           | <b>\$0</b>          |
|                   | <b>TOTAL ESTIMATED PROJECT COST</b>   |      |          |           | <b>\$28,891,000</b> |