

## ARIZONA DEPARTMENT OF TRANSPORTATION

Estimated Engineering Construction Cost

DETAILED COST ESTIMATE, DCR UPDATE PREFERRED ALTERNATIVE

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

October 1, 2021

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

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	1	\$1,400,000.00	\$1,400,000.00
2020041	REMOVAL OF PIPE	L.FT.	1,825	\$40.00	\$73,000.00
2020048	REMOVAL OF STRUCTURE (CATCH BASIN)	EACH	25	\$1,000.00	\$25,000.00
2020165	REMOVE (CONCRETE LINED DITCH)	L.FT.	187	\$40.00	\$7,480.00
2020053	REMOVE (BRIDGE SIGN PANEL)	EACH	8	\$400.00	\$3,200.00
2020057	REMOVE AND SALVAGE (BRIDGE SIGN STRUCTURE)	EACH	3	\$5,000.00	\$15,000.00
2020060	REMOVE AND SALVAGE (CANTILVER SIGN STRUCTURE)	EACH	2	\$4,000.00	\$8,000.00
2030301	ROADWAY EXCAVATION	CU.YD.	159,500	\$12.00	\$1,914,000.00
2030401	DRAINAGE EXCAVATION	CU.YD.	1,582	\$15.00	\$23,730.00
2030904	BORROW (IN PLACE)	CU.YD.	1,480,000	\$13.00	\$19,240,000.00
2090005	FURNISH WATER	M.GAL.	151,600	\$6.00	\$909,600.00
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	32,313	\$42.00	\$1,357,146.00
4010009	PORTLAND CEMENT CONCRETE PAVEMENT (9")	SQ.YD.	16,378	\$52.00	\$851,656.00
4010010	PORTLAND CEMENT CONCRETE PAVEMENT (10")	SQ.YD.	4,533	\$55.00	\$249,315.00
4010016	PORTLAND CEMENT CONCRETE PAVEMENT (14")	SQ.YD.	180,520	\$75.00	\$13,539,000.00
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	6,606	\$90.00	\$594,540.00
5012524	STORM DRAIN PIPE, 24"	L.FT.	9,754	\$120.00	\$1,170,480.00
5012530	STORM DRAIN PIPE, 30"	L.FT.	1,952	\$135.00	\$263,520.00
5012536	STORM DRAIN PIPE 36"	L.FT.	451	\$160.00	\$72,160.00
5012548	STORM DRAIN PIPE, 48"	L.FT.	2,135	\$280.00	\$597,800.00
5014253	FLARED END SECTION (	EACH	27	\$1,500.00	\$40,500.00
5030606	CONCRETE CATCH BASIN (C-15.92)	EACH	139	\$6,500.00	\$903,500.00
5030609	CONCRETE CATCH BASIN (C-15.80)	EACH	26	\$5,500.00	\$143,000.00
5050001	MANHOLE (C-18.10) (NO. 1) (FOR PIPES 6" TO 36")	EACH	16	\$8,000.00	\$128,000.00
6060046	BRIDGE SIGN STRUCTURE (SD9.20, TYPE 2F)	EACH	1	\$40,000.00	\$40,000.00
6060047	BRIDGE SIGN STRUCTURE (SD9.20, TYPE 3F)	EACH	3	\$40,000.00	\$120,000.00
6060048	BRIDGE SIGN STRUCTURE (SD9.20, TYPE 4F)	EACH	1	\$42,000.00	\$42,000.00
6060058	BRIDGE SIGN STRUCTURE (TAPERED TUBE, SINGLE BEAM, 70' 1" TO 85')	EACH	2	\$24,000.00	\$48,000.00
6060059	BRIDGE SIGN STRUCTURE (TAPERED TUBE, SINGLE BEAM, 85'1" TO 100')	EACH	2	\$25,500.00	\$51,000.00
6060074	FOUNDATION FOR BRIDGE SIGN STRUCTURE (TAPERED TUBE)	EACH	8	\$6,000.00	\$48,000.00
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	\$11,000.00	\$66,000.00
6060079	FOUNDATION FOR BRIDGE SIGN STRUCTURE (SD9.20, TYPE 4F)	EACH	2	\$11,000.00	\$22,000.00
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	\$11,500.00	\$11,500.00
6060254	FOUNDATION FOR CANTILEVER SIGN STRUCTURE (SD9.10, TYPE 1C)	EACH	1	\$11,000.00	\$11,000.00
6060255	FOUNDATION FOR CANTILEVER SIGN STRUCTURE (SD9.10, TYPE 2C)	EACH	10	\$11,000.00	\$110,000.00
6060256	FOUNDATION FOR CANTILEVER SIGN STRUCTURE (SD9.10, TYPE 3C)	EACH	6	\$11,000.00	\$66,000.00
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	\$12,400,000.00	\$12,400,000.00
7040005	PAVEMENT MARKING (WHITE EXTRUDED THERMOPLASTIC) (0.090")	L.FT.	503,060	\$0.40	\$201,224.00
7040006	PAVEMENT MARKING (YELLOW EXTRUDED THERMOPLASTIC) (0.090")	L.FT.	256,220	\$0.40	\$102,488.00
7040074	PAVEMENT SYMBOL (EXTRUDED THERMOPLASTIC) (ALKYD) (0.090")	EACH	96	\$120.00	\$11,520.00
7060013	PAVEMENT MARKER, RAISED, TYPE C	EACH	6,990	\$2.50	\$17,475.00
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	34	\$3,500.00	\$119,000.00

ITEM NO.		ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
8101013		EROSION CONTROL (1%)	L.SUM	1	\$1,500,000.00	\$1,500,000.00
9010001		MOBILIZATION	L.SUM	1	\$9,374,000.00	\$9,374,000.00
9040201		MEDIAN CABLE BARRIER (	L.FT.	30,295	\$19.00	\$575,605.00
9040223		MEDIAN CABLE BARRIER END TERMINAL (	EACH	56	\$4,500.00	\$252,000.00
9050006		GUARD RAIL, W-BEAM, SINGLE FACE	L.FT.	250	\$35.00	\$8,750.00
9050026		GUARD RAIL TERMINAL (	EACH	10	\$4,500.00	\$45,000.00
9050419		GUARD RAIL TRANSITION (THRIE BEAM TRANSITION)	EACH	26	\$4,900.00	\$127,400.00
9080085		CONCRETE CURB AND GUTTER (C-05.10, TYPE C & C-1)	L.FT.	46,011	\$22.00	\$1,012,242.00
9080086		CONCRETE CURB AND GUTTER (67th AVENUE)	L.FT.	2,666	\$25.00	\$66,650.00
9080109		CONCRETE SINGLE CURB (67th AVENUE)	L.FT.	2,755	\$20.00	\$55,100.00
9080242		CONCRETE SIDEWALK (67th AVENUE)	SQ.FT.	17,222	\$5.00	\$86,110.00
9080290		CONCRETE SIDEWALK RAMP (67th AVENUE)	EACH	20	\$2,400.00	\$48,000.00
9100001		CONCRETE BARRIER	L.FT.	19,387	\$120.00	\$2,326,440.00
9130007		RIPRAP (DUMPED) (6")	CU.YD.	15	\$100.00	\$1,500.00
9130010		RIPRAP (GROUTED) (6")	CU.YD.	15	\$160.00	\$2,400.00
9210016		MEDIAN PAVING (DECORATIVE PAVEMENT)	SQ.YD.	248	\$100.00	\$24,800.00
9240126		MISCELLANEOUS WORK (ITS)	L.SUM	1	\$750,000.00	\$750,000.00
9240129		MISCELLANEOUS WORK (GRANITE MULCH AND LANDSCAPING)	SQ.YD.	194,000	\$6.00	\$1,164,000.00
9140153		RETAINING WALL (	SQ.FT.	255,200	\$75.00	\$19,140,000.00
9240170		CONTRACTOR QUALITY CONTROL	L.SUM	1	\$1,758,000.00	\$1,758,000.00
9250001		CONSTRUCTION SURVEYING AND LAYOUT	L.SUM	1	\$2,343,000.00	\$2,343,000.00
		<b>SUBTOTAL ROADWAY</b>				<b>\$101,144,011.00</b>
9999903	A	LUMP SUM STRUCTURE (TOTAL OF PRECEEDING STRUCTURE ITEMS)(ID 1)(67th SB)	L.SUM	1	\$1,717,810.00	\$1,717,810.00
9999903	B	LUMP SUM STRUCTURE (TOTAL OF PRECEEDING STRUCTURE ITEMS)(ID 2)(67th NB)	L.SUM	1	\$1,706,869.00	\$1,706,869.00
9999903	C	LUMP SUM STRUCTURE (TOTAL OF PRECEEDING STRUCTURE ITEMS)(ID 7)(SW)	L.SUM	1	\$2,871,742.00	\$2,871,742.00
9999903	D	LUMP SUM STRUCTURE (TOTAL OF PRECEEDING STRUCTURE ITEMS)(ID 8)(SW)	L.SUM	1	\$1,695,801.00	\$1,695,801.00
9999903	E	LUMP SUM STRUCTURE (TOTAL OF PRECEEDING STRUCTURE ITEMS)(ID 9)(ES)	L.SUM	1	\$2,839,312.00	\$2,839,312.00
9999903	F	LUMP SUM STRUCTURE (TOTAL OF PRECEEDING STRUCTURE ITEMS)(ID 11)(NW)	L.SUM	1	\$14,868,920.00	\$14,868,920.00
9999903	G	LUMP SUM STRUCTURE (TOTAL OF PRECEEDING STRUCTURE ITEMS)(ID 12)(NW)	L.SUM	1	\$2,810,743.00	\$2,810,743.00
9999903	H	LUMP SUM STRUCTURE (TOTAL OF PRECEEDING STRUCTURE ITEMS)(RCBC 1)	L.SUM	1	\$550,900.00	\$550,900.00
9999903	I	LUMP SUM STRUCTURE (TOTAL OF PRECEEDING STRUCTURE ITEMS)(RCBC 2)	L.SUM	1	\$440,400.00	\$440,400.00
		<b>SUBTOTAL STRUCTURES</b>				<b>\$29,502,497.00</b>
		20% UNIDENTIFIED ITEMS (ROADWAY + STRUCTURES)	L.SUM	1	\$26,129,300	\$26,129,300.00
		<b>TOTAL ROADWAY + STRUCTURES</b>				<b>\$156,775,800.00</b>
		CONSTRUCTION ENGINEERING (9%)		9%	\$14,109,800.00	\$14,109,800.00
		CONSTRUCTION POST DESIGN SERVICES (1%)		1%	\$1,567,800.00	\$1,567,800.00
		CONSTRUCTION CONTINGENCY (5%)		5%	\$7,838,800.00	\$7,838,800.00
		PCCP MATERIAL QUALITY (\$2/SY)		201,400	\$2.00	\$402,800.00
		PCCP SMOOTHNESS INCENTIVE (\$7,000/LANE-MILE)		15.1	\$7,000.00	\$105,700.00
		ICAP (10.50%)		10.50%	\$18,819,500.00	\$18,819,500.00
		<b>PROJECT CONSTRUCTION SUBTOTAL</b>				<b>\$199,620,200.00</b>
		ENVIRONMENTAL UPDATE AND PUBLIC INVOLVEMENT		0.50%	\$998,100.00	\$998,100.00
		DESIGN		8.00%	\$15,969,600.00	\$15,969,600.00
		ENVIRONMENTAL UPDATE, PUBLIC INVOLVEMENT AND DESIGN ICAP (10.50%)		10.50%	\$1,781,600.00	\$1,781,600.00
		PRIOR RIGHTS UTILITY RELOCATION				
		UTILITY RELOCATION ICAP (10.50%)		10.50%	\$0.00	\$0.00
		<b>PROJECT TOTAL</b>				<b>\$218,369,500.00</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
<b>PW</b>	<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>
<b>OTHER PROJ</b>	<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>
<b>INFL</b>	<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>
<b>DES</b>	<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>
<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>\$68,526,000</b>

# ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT OVERVIEW

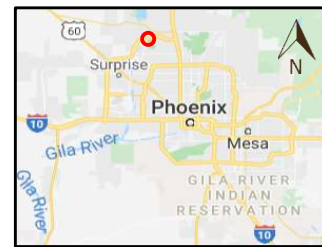
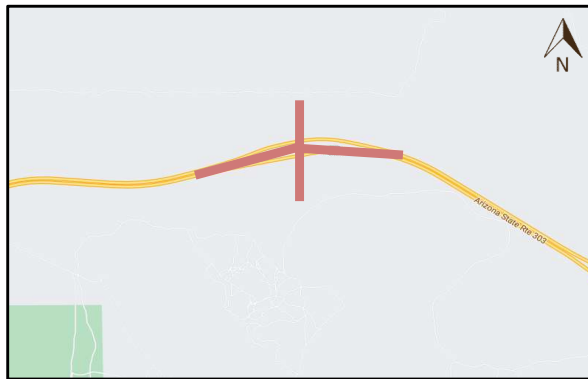
**PROJECT NAME:** SR 303 at 67th Ave - Diamond TI **MAP ID:** N/A  
**ROUTE:** SR 303 **PROJECT DESCRIPTION:** NEW TI  
**PROJECT LIMITS:** 0.5 mi west of 67th Ave to 0.6 mi east of 67th Ave **ESTIMATE LEVEL:** Stage I (15%)  
**LENGTH:** 1.1 mi **DATE:** 8/9/2021

<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

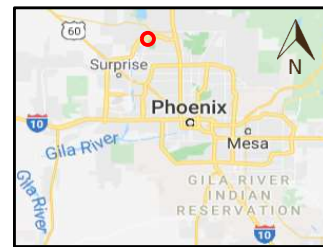
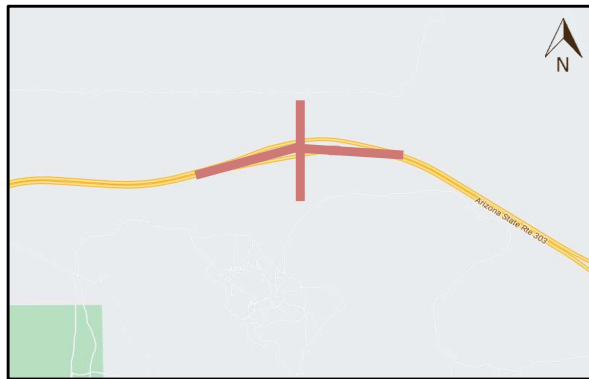
**PROJECT NAME:** SR 303 at 67th Ave - SPUI **MAP ID:** N/A  
**ROUTE:** SR 303 **PROJECT DESCRIPTION:** NEW TI  
**PROJECT LIMITS:** 0.5 mi west of 67th Ave to 0.6 mi east of 67th Ave **ESTIMATE LEVEL:** Stage I (15%)  
**LENGTH:** 1.1 mi **DATE:** 8/9/2021

<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 <span style="float: right;">At Grade</span>
<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  
**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.	2,400	\$ 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				
	L.SUM				
	<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				
	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>\$32,065,000</b>

# ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT OVERVIEW

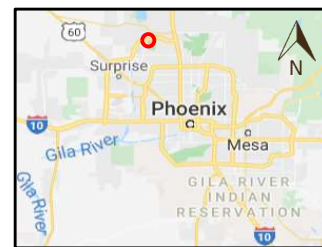
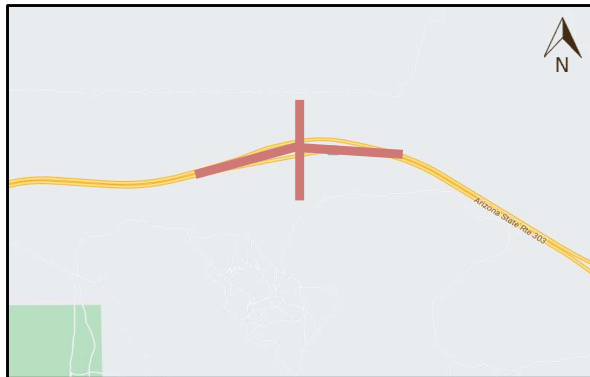
**PROJECT NAME:** SR 303 at 67th Ave - DDI **MAP ID:** N/A  
**ROUTE:** SR 303 **PROJECT DESCRIPTION:** NEW TI  
**PROJECT LIMITS:** 0.5 mi west of 67th Ave to 0.6 mi east of 67th Ave **ESTIMATE LEVEL:** Stage I (15%)  
**LENGTH:** 1.1 mi **DATE:** 8/9/2021

<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 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%)

**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>				
<b>RELATED PROJECTS:</b> N/A				
<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>				<b>746,800</b>
<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>				<b>4,776,000</b>
<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>				<b>3,468,000</b>
<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>				<b>3,522,200</b>
<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>				<b>612,000</b>
<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>				<b>736,000</b>
<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>