

Table 9-1: Arterial Projects, Costs and Phasing

Facility	Segment	Project	Length (miles)	Regional Costs (2002 Dollars, Millions)	Phase
Arterial Capacity Improvements					
101L	Princess Dr to Scottsdale Rd	Add frontage roads	2	\$ 19.1	I
101L south frontage roads	Hayden to Princess	Add frontage roads	1	11.4	I
Arizona Avenue	Ocotillo to Hunt Hwy	Widen and Improve Roadway	3	5.1	II
Baseline Road	Power Road to Meridian Road	Widen and Improve Roadway	6	14.7	IV
Beardsley Rd	Loop 101 to Lake Pleasant Pkwy	Construct Roadway	3	19.1	I-II
Black Mtn Pkwy	SR 51 to Blk Mtn Pkwy	Construct Roadway	1	18.5	I
Broadway Rd	Dobson Rd to Country Club Dr	Widen to 6 lanes	2	6.1	I
Carefree Highway	Cave Creek Rd to Scottsdale Rd	4 lanes +median	2	7.7	III
Crismon Rd	Broadway Rd to Germann Rd	Widen to 6 lanes	9	30.2	IV
Dobson Rd	Salt River	Construct New Bridge	1	15.3	I
El Mirage Rd	Bell Rd to Jomax Rd	Construct Roadway	6	16.1	III
	Paradise Ln over Grand Ave to Thunderbird Rd	Construct Roadway w/ Grade Separation	2	17.6	I-II
	Thunderbird to Northern Ave	Widen and Improve Roadway	4	13.8	III
Elliot Rd	Power Rd to Meridian Rd	Widen to 6 lanes	6	14.9	IV
Germann Rd	Ellsworth Rd to Signal Butte Rd	Widen to 6 lanes	2	10.3	IV
	Gilbert Road to Power Road	Widen and Improve Roadway	6	18.2	I
Gilbert Rd	Loop 202 (Santan) to Hunt Hwy	Widen Roadway	5	17.2	IV
	Salt River	Construct New Bridge	1	11.5	II
Greenfield Road	Elliot Road to Warner Road	Widen and Improve Roadway	1	3.4	IV
	University Road to Baseline Road	Widen and Improve Roadway	3	8.9	I
Guadalupe Road	Power Road to Meridian Road	Widen and Improve Roadway	6	19.0	II
Happy Valley Rd	Loop 303 to 67th Ave	6 Lane Controlled Access	5	17.0	IV
	67th Ave to I-17	6 Lane Controlled Access	4	13.6	IV
Hawes Road	Broadway Road to Ray Road	Widen and Improve Roadway	6	17.1	IV
Higley Rd Pkwy	US 60 to 202L (Red Mountain)	6 Lane Controlled Access	6	13.8	III
Jomax Rd	Loop 303 to Sun Valley Parkway	Right-of-way protection	17	17.0	III
Lake Pleasant Parkway	Beardsley to 303L	Corridor Improvements	6	46.0	II
McKellips Rd	E of Sossaman to Meridian Rd	Widen to 6 lanes	5	16.4	IV
	Gilbert Rd to Power Rd	Widen to 6 lanes	6	17.9	I
	Salt River	Construct New Bridge	1	11.5	II
	Loop 101 Pima - SRPM Indian Community	6 lanes inc. median	2	32.4	II
Meridian Rd	Baseline Rd to Germann Rd	Construct 6 lane Roadway	7	24.1	III
Mesa Dr	Broadway Rd to US 60	Widen to 6 lanes	2	7.7	I
Miller Rd/L101 Underpass	Princess to Center	Construct Underpass	0.5	11.5	III
Northern Ave	Grand Ave to Loop 101	Grand connection and ultimate const	4	70.0	III
	Loop 101 to Loop 303	L101 connection and ultimate const	8	71.3	IV
	Dysart Rd to Loop 303	R/W Protection and interim roadway	4	50.0	I
Pecos Road	Ellsworth Road to Meridian Road	Widen and Improve Roadway	3	10.4	I
Pima Rd	Deer Valley to Happy Valley & Dynamite to Cave Creek Road	4 lanes inc. drainage and ITS	7	68.4	II
	Happy Valley to Dynamite	4 lanes inc. drainage and ITS	2	19.5	III
	S. City Limits to 90th St	4 lanes, ITS	8	25.2	I
Power Rd	Baseline Rd to Williams Field Rd	Widen to 6 lanes	5	14.9	II
	Williams Field to Chandler Heights	Widen and Improve Roadway	5	17.0	IV
Price Rd Extension	Loop 202 to I-10	Construct Roadway	6	46.0	III
Queen Creek Rd	Arizona Ave to Power Rd	Widen Roadway	9	31.1	II
Ray Road	Val Vista Road to Power Road	Widen and Improve Roadway	4	13.7	IV
	Sossaman Rd to Meridian Rd	Construct 4/6 lane Roadway	5	20.7	IV
Rio Salado Pkwy	7th St to Loop 202 (SM)	Construct Roadway	7	36.7	II
Scottsdale Airport	Runway Tunnel	Additional funds (original \$40 m total)	1	57.7	III
Scottsdale Rd	Thompson Peak to Happy Valley	6 lanes inc. drainage and ITS	3	11.0	II
	Happy Valley to Carefree Hwy	6 lanes inc. drainage and ITS	6	23.4	III
Shea Blvd	Palisades Blvd to Saguaro Blvd	6 lanes +median	3	5.0	I
	Loop 101 to SR 87	Corridor Improvements	12	19.1	IV
Signal Butte Road	Broadway Road to Pecos Road	6 lanes inc. drainage and ITS	8	27.2	IV
Sonoran Pkwy	Central to 32nd Ave	Construct Roadway	4	26.8	II
Southern Ave	Country Club Dr to Recker Rd	Widen to 6 lanes	8	25.3	I
	Sossaman Rd to Meridian Rd	Widen to 6 lanes	5	14.9	IV
Thomas Rd	Gilbert Rd to Val Vista Dr	Construct 4 lane Roadway	2	4.6	I
Union Hills Dr	Hayden to Pima	Widen and Improve Roadway	1	11.2	IV
University Dr	Val Vista Dr to Hawes Rd	Widen to 6 lanes	6	17.9	IV
Val Vista Dr	University Dr to Baseline Rd	Widen to 6 lanes	3	9.1	III
	Warner Road to Pecos Road	Widen and Improve Roadway	3	9.1	II
Sub-total Arterial Capacity Improvements					\$1,301.0

Source: Maricopa Association of Governments, 2003

Table 9-1: Arterial Projects, Costs and Phasing (continued)

Facility	Segment	Comments	Regional Costs (2002 Dollars, Millions)	Phase
Intersection Improvements				
Arizona Ave	Elliot Rd	Improve intersection	\$ 3.1	IV
	Ray Rd	Improve intersection	3.1	I
	Chandler Blvd	Improve intersection	3.1	II
Chandler Blvd	Alma School Rd	Improve intersection	3.1	I
	Dobson Rd	Improve intersection	3.1	I
	Kyrene Rd	Improve intersection	3.1	II
Country Club Dr	University Dr	Improve intersection	2.3	III
	Brown Rd	Improve intersection	2.3	IV
Dobson Rd	Guadalupe Rd	Improve intersection	2.3	I
	University Dr	Improve intersection	2.3	III
Elliot Rd	Greenfield Rd	Improve intersection	3.1	IV
	Higley Rd	Improve intersection	3.1	IV
	Cooper Rd	Improve intersection	3.1	I
	Gilbert Rd	Improve intersection	3.1	III
	Val Vista Dr	Improve intersection	3.1	IV
Gilbert Rd	University Dr	Improve intersection	2.3	IV
Guadalupe Rd	Greenfield Rd	Improve intersection	3.1	IV
	Power Rd	Improve intersection	3.1	IV
	Cooper Rd	Improve intersection	3.1	I
	Gilbert Rd	Improve intersection	3.1	I
	Val Vista Dr	Improve intersection	3.1	III
Higley Rd Pkwy Kyrene Rd Lindsay Rd	US 60 to 202L (Red Mt.)	Construct 3 Grade Separations	22.9	III
	Ray Rd	Improve intersection	3.1	IV
	Brown Rd	Improve intersection	2.3	IV
Ray Rd	Alma School Rd	Improve intersection	3.1	I
	Dobson Rd	Improve intersection	3.1	II
	Gilbert Rd	Improve intersection	3.1	III
	McClintock Dr	Improve intersection	3.1	II
	Rural Rd	Improve intersection	3.1	II
Stapley Dr	University Dr	Improve intersection	2.3	IV
Warner Rd	Cooper Rd	Improve intersection	3.1	I
	Greenfield Rd	Improve intersection	3.1	II
Sub-total Intersection Improvements			\$ 113.4	
Systemwide	Intelligent Transportation Systems		<u>50.0</u>	
Total			\$1,464.5	

Source: Maricopa Association of Governments, 2003

Note: Cost estimates listed above are preliminary and subject to change in the design process.