

Agenda Item #6

**Project Change Request: Thunderbird Road
between Grand Avenue and El Mirage Road**

3/12/2013

Streets Committee

**ARTERIAL LIFE CYCLE PROGRAM
REQUEST TO SUBSTITUTE PROJECT OR CHANGE SCOPE OF PROJECT**

Name of Original Project	El Mirage Rd: Cactus to Grand & Thunderbird Rd: El Mirage to Grand Thunderbird Rd: El Mirage Rd to Grand Avenue
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Lead Agency	City of El Mirage	RTP ID	ACI-ELM-20-03-C & ACI-ELM-20-03-E
RTP Project Budget	\$1,788,013; \$2,816,580	Request Date	3/11/2013

Name of Rescoped/ Substitute Project	Thunderbird Rd: 127th Ave to El Frio St (ELM)
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Description of Rescoped/ Substitute Project	The revised scope is to extend the western limit of the Thunderbird Road improvements to 127th Avenue, providing a consistent roadway section, providing bicycle lanes, and providing wider pedestrian corridors, including the completion of 1/4 mile of currently non-existent sidewalk.
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ORIGINAL PROJECT SCHEDULE				
WORK PHASE	WORK FISCAL YEAR	REIMBURSEMENT FISCAL YEAR	PROGRAMMED REIMBURSEMENT	CURRENT FUND TYPE
Design	2012/2013	FY14	\$1,788,013	RARF
ROW	2013	FY16	\$352,073	RARF
Construction	2014/2015	FY16 & FY17	\$2,464,508	RARF
TOTALS			\$4,604,593	RARF

RESCOPED/SUBSTITUTE PROJECT BUDGET					
WORK PHASE	WORK FISCAL YEAR	TOTAL COST	LOCAL SHARE	REGIONAL SHARE	REGIONAL %
El Mirage Rd: Cactus to Grand & Thunderbird Rd: El Mirage to Grand Thunderbird Rd: 127th Ave to El Frio St					
Pre-Design	2012	\$ 176,330	\$ 52,899	\$ 123,431	70.00%
Design	2013	\$ 762,246	\$ 228,674	\$ 533,572	70.00%
Construction	2015	\$ 9,659,840	\$ 5,712,250	\$ 3,947,590	40.87%
SUBTOTAL		\$ 10,598,416	\$ 5,993,823	\$ 4,604,593	43.45%

El Mirage Road - Cactus Road to Thunderbird Road			
CURRENT FACILITY FEATURES (RESCOPED/SUBSTITUTE PROJECT)			
Total Lanes	5	Average Daily Traffic	10,775 (2012)
North/South Lanes	5	V/C Ratio	0.35
East/West Lanes	0	Bus Pullouts	0
Length of Facility	5,200	Bicycle Facilities	0
PLANNED FACILITY FEATURES (RESCOPED/SUBSTITUTE PROJECT)			
Total Lanes	5	Bus Pullouts	0
North/South Lanes	5	Bicycle Facilities	2
East/West Lanes	0	Pedestrian Facilities	New Sidewalk (varied width)
Length of Facility	5,200	Paved Shoulders/Curbs	6" Vertical Curb & Gutter

Thunderbird Road - 127th Avenue to El Frio Street			
CURRENT FACILITY FEATURES (RESCOPED/SUBSTITUTE PROJECT)			
Total Lanes	5	Average Daily Traffic	16,933 (2012)
North/South Lanes	0	V/C Ratio	0.55
East/West Lanes	5	Bus Pullouts	0
Length of Facility	5,200	Bicycle Facilities	0
PLANNED FACILITY FEATURES (RESCOPED/SUBSTITUTE PROJECT)			
Total Lanes	5	Bus Pullouts	2
North/South Lanes	0	Bicycle Facilities	2
East/West Lanes	5	Pedestrian Facilities	New Sidewalk (varied width)
Length of Facility	5,200	Paved Shoulders/Curbs	6" Vertical Curb & Gutter

Please explain the reason for requesting to substitute or rescope the original project.	The extension of the Thunderbird Road improvements to 127th Avenue eliminates an unimproved segment of Thunderbird Road.
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What technical documents and supporting analysis are available to demonstrate the feasibility of the requested project?	Concepts Summary Report
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Description of how the requested project would improve mobility/safety and reduce congestion.	The extension of the project limits will provide a connection to recent improvements to Thunderbird Road west of 127th Avenue.
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Requested Project's Benefit to the MAG Region?	These improvements provide a safer condition for the driver because it eliminates the need for a transition from recent improvements to Thunderbird Road. The proposed improvements also provide bike lanes and wider sidewalks for bicyclist and pedestrian safety.
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Proposed Project Extension

